

1. PETITION FOR PUBLIC HEARING WITH LEGAL DESCRIPTION AND PROOF  
OF OWNERSHIP



# Petition for Public Hearing

Planned Development Application     MINOR [10-30K]     MAJOR [>30K]

YOU MUST PROVIDE THE FOLLOWING INFORMATION: IF ADDITIONAL SPACE IS NEEDED, ATTACH EXTRA PAGES TO THE PETITION.

Address/Location of Property in Question: 520 S. Maple Avenue. (See Footnote #1).

Property Identification Number(s)(PIN): 16-18-100-007 thru 010, -012 and 013, 16-18-101-001 thru -012, 16-18-110-006, -007, -015, -016, 022, -023 and -024 and 16-18-102-009 thru -023.

Name of Property Owner(s): Rush Oak Park Hospital, an Illinois corporation

Address of Property Owner(s): 520 S. Maple Avenue.

If Land Trust, name(s) of all beneficial owners: (A Certificate of Trust must be filed.)

_____	_____
_____	_____
_____	_____

Name of Applicant(s): Rush Oak Park Hospital, an Illinois corporation

Applicant's Address: 520 S. Maple Avenue.

Applicant's Phone Number: Office (708) 660-6659

E-Mail: <robert\_spadoni@rush.edu>

Other: \_\_\_\_\_

Project Contact: (if Different than Applicant) Lenny D. Asaro, Attorney

Contact's Address: Neal & Leroy, LLC, 120 N. LaSalle, Suite 2600, Chicago, IL 60602

Contact's Phone Number: Office 312-641-7144 E-Mail LASARO@NEALANDLERoy.COM

Other: \_\_\_\_\_

Property Interest of Applicant:  Owner     Legal Representative     Contract Purchaser     Other

(Describe): \_\_\_\_\_

Existing Zoning: H-Hospital Describe Proposal: See Exhibit #2 attached hereto.

#1. The common address of the property (i.e. Rush Oak Park Hospital) is 520 S. Maple Ave. The planned development site comprises the area highlighted on the Sidwell map attached hereto as Exhibit #1.



**Zoning Category Requested:** (Circle One if Applicable) or NA (Not Applicable)

R-1                  R-2                  R-3                  R-4                  R-5                  R-6                  R-7  
B-1                  B-2                  B-3                  B-4                  C                  H                  PD

**Planned Development Requested:** (Circle One if Applicable) or NA (Not Applicable)

ResPD                  BusPD                  ComPD                  MIX

**Size of Parcel** (from Plat of Survey): 320,962 Square Feet or Acre (circle one)

**ATTACH LEGAL DESCRIPTION OF ALL APPLICABLE PROPERTY AS IT APPEARS ON THE DEED.**

See Exhibit #3 attached hereto.

**Adjacent Zoning Districts and Land Uses:**

<b>To the North:</b> MS-Madison St. District/PD 8-Belmont Village 2003-O-12	Mixed Use (Residential/Retail/Business)
<b>To the South:</b> R7-Multiple Family Residential/R3-Single Family	Residential
<b>To the East:</b> R3-Single Family/ MS-Madison St. District/PD 8-Belmont Village 2003-O-12	Residential
<b>To the West:</b> Harlem Ave. (right-of-way)/Village of Forest Park (R-2, Medium Density Residential District)	Public right-of-way/Residential

333,121

**How the property in question is currently improved?** (Circle One)

COMMERCIAL/BUSINESS          RESIDENTIAL          MIXED USE          OTHER: Hospital

Describe Improvement: \_\_\_\_\_  
\_\_\_\_\_

**Is the property in question currently in violation of the Zoning Ordinance?** \_\_\_\_ Yes \_\_\_\_ X No

If Yes, how? \_\_\_\_\_

**Is the property in question presently subject to a Special Use or Planned Development?** \_\_\_\_ X Yes \_\_\_\_ No

If Yes, how? See Exhibit #4 attached hereto.

If Yes, please provide Ordinance No.'s 1999-O-52, recorded as Document No. 09184814

**Is the subject property located within any Historic District?** \_\_\_\_ Yes \_\_\_\_ X No

If Yes, which district: \_\_\_\_ Frank Lloyd Wright \_\_\_\_ Ridgeland/Oak Park \_\_\_\_ Gunderson

**Is the subject property located within the Transit Overlay District?** \_\_\_\_ Yes \_\_\_\_ X No

Is the subject property located within the Perimeter Overlay District? Yes  No

From what Section(s) of the Zoning Ordinance are you requesting approval / relief? 1) Under 3.9,1, G, 1, the application seeks the development of land located in the H zoning district of more than 30,000 SF of land area; 2) Under Section 3.7, B.1, a minimum yard of 20 feet is required along Maple Avenue and Madison Street. Applicant seeks to reduce the required setback from 20 feet to 0 feet along Maple Avenue and 20 feet to 0 feet along Madison Street; 3) Under Section 3.7, C, lots located in the H (Hospital) District, all buildings, structures, service walks, driveways and areas devoted to parking spaces shall not cover more than 80% of the lot. Applicant seeks relief from said lot coverage and required open space.

Explain why, in your opinion, the grant of this request will be in harmony with the neighborhood and not contrary to the intent and purpose of the Zoning Ordinance or Comprehensive Plan.

See Exhibit #5 attached hereto.

I (we) certify that all the above statements and the statements contained in any papers or plans submitted herewith are true to the best of my (our) knowledge and belief.

I (we) consent to the entry in or upon the premises described in this application by any authorized official of the Village of Oak Park for the purpose of securing information, posting, maintaining and removing such notices as may be required by law. Owner's signature must be notarized.

Robert Padoni  
(Signature) Applicant

5/15/17  
Date

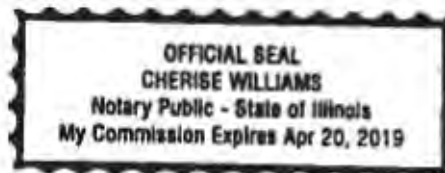
Robert Padoni  
(Signature) Owner

5/15/17  
Date

**Owner's Signature must be notarized**

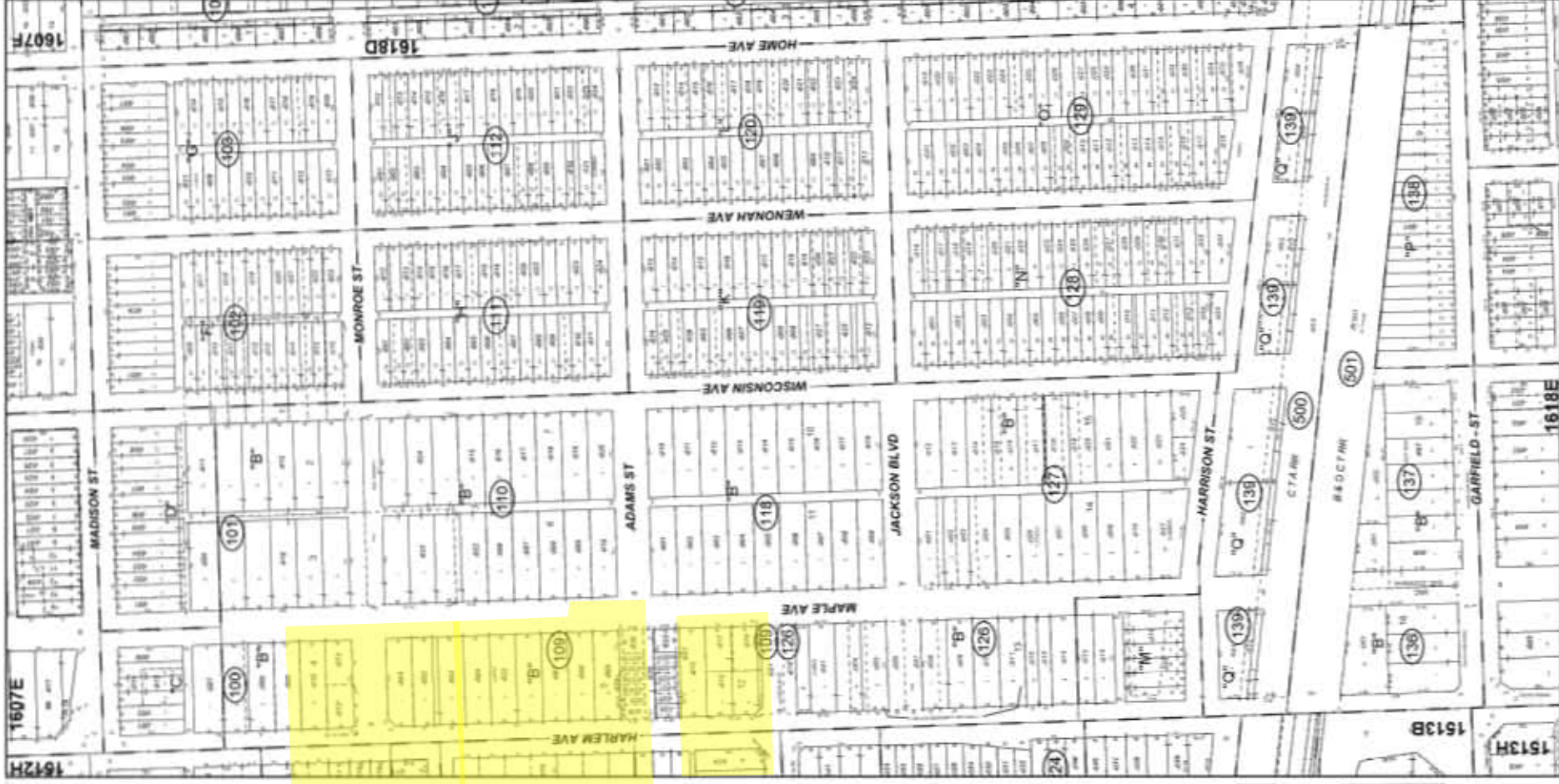
SUBSCRIBED AND SWORN TO BEFORE ME THIS

15<sup>th</sup> DAY OF May, 2017



Cherise Williams  
(Notary Public)

August 2014



<p>"A" S. F. JEROME SUB. of Sec. 18-39-13 (inserted for 2/12 of the S.W. 1/4). Rec. Dec. 2000000000</p> <p>"B" W. J. WILSONS ADD. TO OAK PARK, a sub. of part of Lot 1 in S. F. Jerome Sub. (see "A"). Rec. Dec. 2000000000</p> <p>"C" RESUB. of Lots 1 to 4 in Blk. 4 of W. J. Wilsons Sub. (see "B"). Rec. Dec. 2000000000</p> <p>"D" SUB. of Lots 1 to 4 of Blk. 2 and Lots 1 to 4 of Blk. 3 in W. J. Wilsons Add. (see "C"). Rec. Dec. 2000000000</p> <p>"E" VALLEN &amp; PROBSTS ADD. TO OAK PARK, a sub. of part of Lot 1 in S. F. Jerome Sub. (see "A"). Rec. Dec. 2000000000</p> <p>"F" SUB. of Blk. 2 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"G" SUB. of Blk. 1 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"H" SUB. of Blk. 3 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"I" SUB. of Blk. 4 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"J" SUB. of Blk. 5 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"K" RESUB. of Lots 7 to 10 in Blk. 13 of W. J. Wilsons Add. (see "B"). Rec. Dec. 2000000000</p> <p>"L" SUB. of Blk. 7 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"M" SUB. of Blk. 8 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"N" SUB. of Blk. 9 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"O" SUB. of Blk. 10 in Wilson &amp; Probsts Add. (see "E"). Rec. Dec. 2000000000</p> <p>"P" TAYLOR &amp; BROWN'S SUB. of Lots 25 to 28 in Blk. 7 and Lots 27 to 37 in Blk. 8 of Wilson &amp; Probsts Sub. (see "C") together with Lots 11 to 13 in Blk. 13 and all of Blk. 17 in W. J. Wilsons Sub. (see "B"). Rec. Dec. 2000000000</p>	<p>CONGRESSIONAL 16-18-39-131 SECTION 18-39-13 REC. 1/15/18</p> <table border="1"> <tr> <th>BLK</th> <th>AREA</th> <th>DATE</th> <th>REVISION</th> </tr> <tr> <td>1618C</td> <td>1618C</td> <td>12-1-18</td> <td>12-1-18</td> </tr> <tr> <td>1618C</td> <td>1618C</td> <td>12-1-18</td> <td>12-1-18</td> </tr> </table>	BLK	AREA	DATE	REVISION	1618C	1618C	12-1-18	12-1-18	1618C	1618C	12-1-18	12-1-18
BLK	AREA	DATE	REVISION										
1618C	1618C	12-1-18	12-1-18										
1618C	1618C	12-1-18	12-1-18										

## **EXHIBIT #2**

### **DESCRIBE PROPOSAL**

Due to an increased demand for emergency medical services in the community and a vital need to upgrade those services, Rush Oak Park Hospital has decided to replace its Emergency Department within a new building to be located on its existing hospital campus.

The hospital has decided to embark on a modernization project to replace its existing 50-year-old emergency department with one that is designed to meet contemporary emergency care standards and growing patient volume.

The plan is to construct a 1 ½ story building to house an emergency department just north of the hospital's main building of Maple Avenue and Madison Street. The new, approximately 55,000 square-foot facility will devote about 20,000 ft.<sup>2</sup> for the new Emergency Department with the remainder being utilized for program and building support. The new Emergency Department will take the place of the Rush Oak Park Hospital Medical Arts Building, a five-story structure which has been vacant for approximately two years and was built primarily as a nursing school dormitory.

The current emergency facility was built in 1969 and was designed to serve 15,000 patients per year. The hospital currently serves more than 37,000 patients per year and the number is projected to increase.

The new facility will provide high-quality medical care, enhance privacy and produce shorter wait times.

The planned Emergency Department will have 21 individual treatment bays and include two isolation rooms, two behavioral health rooms and one room for evaluation and treatment of sexual abuse patients.

The current Emergency Department, located near the corner of Madison Street and Wisconsin Avenue, will continue in full operation until the new construction is completed.

**EXHIBIT #3**

LEGAL DESCRIPTION

16-18-102-018-0000  
16-18-102-019-0000  
16-18-102-021-0000  
16-18-102-022-0000

16-18-100-007-0000  
16-18-100-006-0000  
16-18-100-008-0000  
16-18-100-009-0000  
16-18-100-010-0000  
16-18-100-012-0000  
16-18-100-013-0000  
16-18-101-001-0000  
16-18-101-002-0000  
16-18-101-003-0000  
16-18-101-004-0000  
16-18-101-005-0000  
16-18-101-006-0000  
16-18-101-007-0000  
16-18-101-008-0000  
16-18-101-009-0000  
16-18-101-010-0000  
16-18-101-011-0000  
16-18-101-012-0000  
16-18-102-009-0000  
16-18-102-010-0000  
16-18-102-011-0000  
16-18-102-016-0000

16-18-102-013-0000  
16-18-102-012-0000  
16-18-102-014-0000  
16-18-102-015-0000  
16-18-102-020-0000  
16-18-102-017-0000  
  
16-18-102-023-0000

PARCEL 2:

LOT 7 IN THE RESUBDIVISION OF LOTS 1, 2, 3 AND 4 IN BLOCK 4 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST HALF OF THE SOUTHWEST QUARTER THEREOF), TOGETHER WITH LOTS 5, 6, 7, 8 AND 9 IN BLOCK FOUR IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT ONE (EXCEPT THE EAST FORTY ACRES THEREOF), IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST HALF OF THE SOUTHWEST QUARTER THEREOF), EXCEPTING THEREFROM THAT PART CONVEYED TO PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION BY WARRANTY DEED RECORDED MAY 13, 1996 AS DOCUMENT 96360409, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 9; THENCE NORTH 00 DEGREES 47 MINUTES 34 SECONDS WEST (ASSUMED) 5.00 FEET ALONG THE WEST LINE THEREOF, SAID WEST LINE BEING ALSO THE EAST RIGHT OF WAY LINE OF HARLEM AVENUE (ILLINOIS ROUTE 43); THENCE SOUTH 45 DEGREES 40 MINUTES 07 SECONDS EAST 7.09 FEET TO THE SOUTH LINE OF SAID LOT 9; THENCE SOUTH 89 DEGREES 27 MINUTES 21 SECONDS WEST 5.00 FEET ALONG SAID SOUTH LINE TO SAID POINT OF BEGINNING, ALL IN COOK COUNTY, ILLINOIS.

PARCEL 5:

LOTS 12 TO 23, INCLUSIVE, IN BLOCK 2 IN THE SUBDIVISION OF BLOCKS 1 TO 9, INCLUSIVE, IN WALLEN AND PROBST'S ADDITION TO OAK PARK, IN THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN;

ALSO:

ALL OF THE NORTH AND SOUTH 16 FOOT PUBLIC ALLEY LYING WEST OF AND ADJOINING LOTS 12 TO 23, INCLUSIVE, LYING EAST OF AND ADJOINING LOTS 24 TO 35, INCLUSIVE, LYING SOUTH OF A LINE DRAWN FROM THE NORTHWEST CORNER OF LOT 12 TO THE NORTHEAST CORNER OF LOT 35, AND LYING NORTH OF A LINE DRAWN FROM THE SOUTHWEST CORNER OF LOT 23 TO THE SOUTHEAST CORNER OF LOT 24, ALL IN BLOCK 2 IN THE SUBDIVISION OF BLOCKS 1 TO 9, INCLUSIVE, IN WALLEN AND PROBST'S ADDITION TO OAK PARK, IN THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN; IN COOK COUNTY, ILLINOIS.

PARCEL 6:

LOTS 1 TO 16, BOTH INCLUSIVE, IN THE SUBDIVISION OF LOTS 1, 2, 3 AND 4 IN BLOCK 2 AND OF LOTS 1, 2, 3 AND 4 IN BLOCK 3 INCLUDING ALLEY BETWEEN SAID LOTS 1 AND 2 AND THE NORTH 43 FEET OF LOT 3 IN SAID BLOCK 2 ON THE EAST AND SAID LOTS 1 AND 2 AND THE NORTH 43 FEET OF SAID LOT 3 IN BLOCK 3 ON THE WEST IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST 1/2 OF THE SOUTHWEST 1/4 THEREOF), TOGETHER WITH THE VACATED EAST-WEST ALLEY LYING SOUTH OF AND ADJOINING SAID LOTS 1 TO 14, BOTH INCLUSIVE, AND LYING NORTH AND ADJOINING SAID LOTS 15 AND 16 VACATED BY ORDINANCE RECORDED NOVEMBER 27, 1959 AS DOCUMENT 17721850, ALSO THAT PART OF THE



VACATED NORTH-SOUTH ALLEY LYING WEST OF AND ADJOINING SAID LOT 15 AND EAST OF AND ADJOINING SAID LOT 16 VACATED BY ORDINANCE RECORDED JUNE 1, 1922 AS DOCUMENT 7523912;

ALSO:

LOTS 5 TO 9, BOTH INCLUSIVE, IN BLOCK 2 AND LOTS 5 TO 9, BOTH INCLUSIVE, IN BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST 1/2 OF THE SOUTHWEST 1/4 THEREOF), TOGETHER WITH THE VACATED NORTH-SOUTH ALLEY LYING WEST AND ADJOINING SAID LOTS 5 TO 9 IN BLOCK 2 AND EAST AND ADJOINING SAID LOTS 5 TO 9 IN BLOCK 3 VACATED BY ORDINANCE RECORDED JUNE 1, 1922 AS DOCUMENT 7523912;

ALSO:

LOTS 24 TO 35, INCLUSIVE, IN BLOCK 2 IN THE SUBDIVISION OF BLOCKS 1 TO 9, INCLUSIVE, IN WALLEN AND PROBST'S ADDITION TO OAK PARK, IN THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13, EAST OF THE THIRD PRINCIPAL MERIDIAN, TOGETHER WITH ALL OF VACATED WISCONSIN AVENUE VACATED BY ORDINANCE RECORDED OCTOBER 24, 1975 AS DOCUMENT 23269659, LYING WEST OF AND ADJOINING SAID LOTS 24 TO 35, INCLUSIVE, ALL IN COOK COUNTY, ILLINOIS.

PARCEL 7:

THAT PART OF VACATED WEST MONROE STREET VACATED PER DOCUMENT 20181526 IN W. J. WILSON'S ADDITION TO OAK PARK LYING EAST OF A LINE DRAWN FROM THE SOUTHWEST CORNER OF LOT 9 IN BLOCK 3 TO THE NORTHWEST CORNER OF LOT 1 IN BLOCK 6 AND LYING WEST OF A LINE DRAWN FROM THE SOUTHEAST CORNER OF LOT 9 IN BLOCK 2 TO THE NORTHEAST CORNER OF LOT 1 IN BLOCK 7 EXCEPT THAT PART DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF LOT 1 IN BLOCK 7 AFORESAID, THENCE NORTH 66.0 FEET TO THE SOUTHEAST CORNER OF LOT 9 IN BLOCK 2 AFORESAID, THENCE WEST ALONG THE SOUTH LINE OF LOT 9 AFORESAID AND ITS WESTERLY EXTENSION AND THE SOUTH LINE OF LOT 9 IN BLOCK 3 AFORESAID, 216.90 FEET; THENCE SOUTH, PERPENDICULAR TO THE AFORESAID LINE, 32.20 FEET; THENCE WEST, PERPENDICULAR TO THE AFORESAID LINE, 142.03 FEET TO A POINT ON A LINE DRAWN FROM THE SOUTHWEST CORNER OF LOT 9 IN BLOCK 3 AFORESAID TO THE NORTHWEST CORNER OF LOT 1 IN BLOCK 6 AFORESAID; THENCE SOUTH ON THE AFORESAID DESCRIBED LINE 33.80 FEET TO THE NORTHWEST CORNER OF LOT 1 IN BLOCK 6 AFORESAID, THENCE EAST ALONG THE NORTH LINE OF LOT 1 IN BLOCK 6 AFORESAID, AND ITS EASTERLY EXTENSION AND THE NORTH LINE OF LOT 1 IN BLOCK 7 AFORESAID, 359.06 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, SAID ADDITION BEING A SUBDIVISION IN SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS.



## **EXHIBIT #4**

### **EXPLANATION AS TO HOW THE PROPERTY IS SUBJECT TO A SPECIAL USE**

Oak Park granted a special use permit to the predecessor of Rush Oak Park Hospital to allow construction of a medical office building and accessory surface parking lots on the following properties: 618, 620 and 622 S. Maple Ave; 613, 617 and 621 S. Wisconsin Ave and 513, 517, 521, 525, 529 and 533 S. Wenonah Ave. (PIN: 16-18-110-006,-007,-015,-016,-017 and 022; 16-18-102-017,-018,-019,-020,-021 and-022).

## **EXHIBIT #5**

### EXPLANATION AS TO WHY THE GRANT OF THIS REQUEST WILL BE IN HARMONY WITH THE NEIGHBORHOOD AND NOT CONTRARY TO THE INTENT AND PURPOSE OF THE ZONING ORDINANCE OR COMPREHENSIVE PLAN.

#### Existing Zoning and Surrounding Uses.

Rush Oak Park Hospital (the “Hospital”) is located in approximately the center of a roughly 7 block area bounded by Madison and the east/west alley south of and parallel to Madison on the north; Wenonah and Wisconsin on the east; Monroe and approximately 150 feet north of Adams on the South and Harlem Avenue, a primary arterial street on the west.

The Hospital building is a six-story structure originally constructed in the 1960’s. The hospital entrance is approximately 140 feet north of the intersection of Maple and Monroe.

Hello

North of the main hospital building is the existing Emergency Department Building which extends to Madison Street and Wisconsin. East of the main hospital building is the multilevel Hospital parking structure and east of the parking structure is the Hospital surface parking lot which faces Wenonah. South of the main hospital building is the professional medical office building along Maple and Wisconsin. West of the main hospital building is the Hospital surface parking lot along Harlem.

The immediate area surrounding the Hospital contains MS-Madison Street District/PD 8-Belmont Village 2003-O-12; R7-Multiple Family Residential/R3-Single-Family; and Village of Forest Park (R-2, Medium Density Residential) Districts.

## Hospital's Current Utilization/Healthcare Trends/Proposed Emergency Department Building.

Due to an increased demand for emergency medical services in the community and a vital need to upgrade those services, the Hospital has decided to replace its Emergency Department with a new building to be located on its existing hospital campus. The new building is designed to meet contemporary emergency care standards and growing patient volume. The new building will take the place of the Rush Oak Park Hospital Medical Arts Building, a five-story structure which has been vacant for approximately two years and was built primarily as a nursing school dormitory.

The current emergency facility was built in 1969 and was designed to serve 15,000 patients per year. The hospital currently serves more than 37,000 patients per year and the number is projected to increase. The new facility will provide high-quality medical care, enhance privacy and produce shorter wait times.

## 2. AFFIDAVIT OF NOTICE



# NOTICE OF FILING OF APPLICATION FOR PLANNED DEVELOPMENT

APPLICANT: Rush Oak Park Hospital

PROPERTY: 520 S. Maple Avenue

Dear Sir or Madam:

In accordance with the requirements of Section 2.2.7 of the Village of Oak Park Zoning Ordinance, please be informed Rush Oak Park Hospital (the "Applicant"), will file a Planned Development Application for the property located at 520 S. Maple Avenue.

The Applicant seeks: 1) to redevelop more than 30,000 square feet of land located in the H (Hospital) zoning district; 2) to reduce the required setback from 20 feet to 0 feet along Maple Avenue and 20 feet to 0 feet along Madison Street; 3) relief from the lot coverage and open space requirements to replace the existing Emergency Department building with a new 1 ½ story Emergency Department building to be located on the existing hospital campus.

The property is currently owned by Rush Oak Park Hospital. Questions regarding this project may be addressed to Lenny D. Asaro at Neal & Leroy, LLC 120 North LaSalle Street, Suite 2600 Chicago, Illinois 60602 (312) 641-7144.

**PLEASE NOTE: THE APPLICANT IS NOT SEEKING TO REZONE YOUR PROPERTY. THIS NOTICE IS BEING SENT TO YOU BECAUSE YOU OWN PROPERTY WITHIN 500 FEET OF THE BOUNDARIES OF THE NEW PROPOSED PROJECT.**

### 3. APPLICATION FEE

RUSH UNIVERSITY MEDICAL CENTER

1700 W Van Buren Room 285  
Chicago, Illinois 60612-3864

Vendor 206673

Check 3062607

Invoice Date	Invoice Number	Comment	Purchase Order	AMOUNT	DISCOUNT	NET AMOUNT
05/23/2017	PLANNEDDEVELOPMENTFEE			2,000.00	0.00	2,000.00
<b>TOTALS</b>				<b>\$2,000.00</b>	<b>\$0.00</b>	<b>\$2,000.00</b>

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER, A VOID PANTOGRAPH AND MICROPRINTING. THE BACK OF THIS DOCUMENT HAS AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW.



1700 W Van Buren Room 285  
Chicago, Illinois 60612-3864

JP Morgan Chase Bank  
Chicago, IL

2-1  
710

DATE

CHECK NO.

NET AMOUNT

05/24/2017

3062607

\$ \*\*\*\*\*2,000.00

*Two Thousand and 00/100 Dollars*

PAY TO THE VILLAGE OF OAK PARK  
ORDER OF: 123 MADISON STREET  
OAK PARK IL 60302

*John P. Moore*  
Authorized Signature

⑈03062607⑈ ⑆071000013⑆ 826198918⑈



#### 4. PROJECT SUMMARY

**PLANNED DEVELOPMENT**  
**SUBMITTAL #4**

Due to an increased demand for emergency medical services in the community and a vital need to upgrade those services, Rush Oak Park Hospital has decided to replace its Emergency Department within a new building to be located on its existing hospital campus.

The hospital has decided to embark on a modernization project to replace its existing 50-year-old emergency department with one that is designed to meet contemporary emergency care standards and growing patient volume.

The plan is to construct a 1 ½ story building to house an emergency department just north of the hospital's main building of Maple Avenue and Madison Street. The new, approximately 55,000 square-foot facility will devote about 20,000 ft.<sup>2</sup> for the new Emergency Department with the remainder being utilized for program and building support. The new Emergency Department will take the place of the Rush Oak Park Hospital Medical Arts Building, a five-story structure which has been vacant for approximately two years and was built primarily as a nursing school dormitory.

The current emergency facility was built in 1969 and was designed to serve 15,000 patients per year. The hospital currently serves more than 37,000 patients per year and the number is projected to increase.

The new facility will provide high-quality medical care, enhance privacy and produce shorter wait times.

The planned Emergency Department will have 21 individual treatment bays and include two isolation rooms, two behavioral health rooms and one room for evaluation and treatment of sexual abuse patients.

The current Emergency Department, located near the corner of Madison Street and Wisconsin Avenue, will continue in full operation until the new construction is completed.

#### Comprehensive Plan Standards.

The Comprehensive Plan, adopted in 2014 and currently in effect, shows future uses of the area bounded by Madison Street on the north, Wenonah on the east, approximately 140 feet north of Adams on the south and Harlem on the west as Public/Semi-Public and Single-Family Residential. (See Comprehensive Plan at Future Land Use Plan). This is roughly the same area which comprises the Hospital.

The Comprehensive Plan states Hospitals and clinics in and around Oak Park are important assets as they provide a high level of accessibility to critical services. Participants discussed the need to take advantage of these local health care providers in order to ensure that their services are available for all who need them. (See Comprehensive Plan at 18).

The proposed continued use of the property for hospital purposes is consistent with the goals and objectives of the Comprehensive Plan.

#### Municipal Services Standards.

- a. The establishment, maintenance, operation and continuation of the existing hospital use will not be materially detrimental to or endanger the public health, safety or general welfare of the residents of the Village. As noted above, the character of the neighborhood is mixed; there are

commercial, hospital, single-family and multifamily uses in the area. The main hospital building and accessory parking lots are partially bordered by residential and commercial uses. The hospital has defined this area since 1906. Helping to keep the Hospital alive and well by the proposed planned development significantly promotes the public health, safety and general welfare of the residents.

b. Adequate utilities, road access, parking, drainage, police and fire service and other necessary facilities already exist to serve the existing hospital use and proposed new Emergency Department Building, including access for fire, sanitation and maintenance equipment. The Hospital has been in existence and operation since 1906. Since that time, adequate utilities, road access, parking, drainage, police and fire service and other necessary facilities have existed to serve the hospital use.

c. Adequate ingress and egress to the plan development site already exists in a manner that adequately addresses potential additional traffic congestion in the public streets and promotes a safe and comfortable pedestrian environment. The Hospital commissioned a traffic study in relation to the proposed planned development application. The study states that south of Monroe Street and just south of the access drive serving the professional medical office building on the east side of the road, a bump-out restricts vehicles from continuing southbound, only allowing northbound through vehicles. (See Traffic Study at 10). The bump-out restricts traffic to northbound only. (See Traffic Study at 10). The northbound through traffic is under freeflow conditions. (See Traffic Study at 10). Do Not Enter signage is posted on either side of the northbound through lane facing opposing traffic to deter vehicles from continuing southbound on Maple Avenue. (See Traffic Study at 10). In addition, a left-turn only sign is posted to direct southbound vehicles to turn into the access drive, rather than proceeding southbound on

Maple Avenue. (See Traffic Study at 10). Further, the medical access drive has a narrow, barrier median that channelizes exiting vehicles to right-turn movements only. (See Traffic Study at 10). To continue southbound on Maple Avenue past the bump-out, vehicles travelling southbound on Maple Avenue have to proceed left-of-center and enter the northbound through only lane that is created by the bump-out, and then steer right. The study recommended, among other alternatives, a cul-de-sac to enhance the aforementioned bump out roadway restriction. (See Traffic Study at 13).The Hospital is willing to install the cul-de-sac at its sole cost and expense for the benefit of the residents.

#### Vicinity Standards.

- a. The proposed existing hospital use/replacement of the Emergency Department will not substantially diminish the use or enjoyment of other property in the vicinity for those uses or combination of uses that are permitted by the Zoning Ordinance. The values of the homes in the area of the hospital have since 1906 reflected the presence of the hospital and its related parking and traffic. These homes have been located in a hospital/medical development area for several decades. Over the years, while the Hospital has evolved and expanded, there has been no evidence of depreciation of property values due to the existence of the hospital use.
- b. The proposed existing hospital use/replacement of the Emergency Department will not have a substantial or undue adverse effect upon property values in the vicinity. In support of this assertion, see the explanation under (a) above.
- c. The proposed design and use of the new Emergency Department will complement the character of the surrounding neighborhood.

Economic Development and Feasibility Standards.

- a. The Hospital has the financial and technical capacity to complete the proposed replacement of the existing Emergency Department.
  
- b. The proposed replacement of the existing Emergency Department is economically feasible and does not pose a current or potential burden upon the services, tax base, or other economic factors that affect the financial operations of the Village, except to the extent that such burden is balanced by the benefit derived by the Village from the proposed new Emergency Department.

**Proposed Planned Development New Emergency Department**  
**Location: Rush Oak Park Hospital, Centennial Room, 520 S. Maple Ave., Oak Park**  
**Date and Time: Monday, April 24, 2017 5:30 -7:00 pm**

**Summary of Community Meeting**

- Michael Bassett and Sandra Kaufmann(625 S. Maple)
  - They asked if Maple would still be a one-way street in part.
    - Mr. Spadoni said a cul-de-sac will be built, which is a result of the community's comments at the November 2016 meeting.
    - Ms. Kaufman responded that implementation of the cul-de-sac will make a huge difference on quality of life.
  - Mr. Bassett asked about the timeline for demolition. Deanna Goodman of Walsh said they had already started the interior demolition and hoped to start in June or July for the demolition of the main building.
  
- Michael Weik (626 S. Maple)
  - He is very happy about the creation of a cul-de-sac and wanted to know if the Village was supportive of the cul-de-sac when the architects met with the Village Engineer and Dept. of Public Works.
  - He mentioned that when the Village previously decided to build a bump-out on Maple Street, it created a lot of problems and a dangerous condition, especially with children having to cross the street to get to the bus stop, because people were disregarding the "Do Not Enter" sign.
  - Mr. Weik asked if the Village had seen the latest drawings with the cul-de-sac and wanted to be assured that Rush's formal PD application will include the cul-de-sac. He mentioned that he has spoken to other neighbors and their support of the project is conditional upon the cul-de-sac.
  - Mr. Weik asked about the timeline for the Wenonah project, and Mr. Spadoni stated he did not know because Rush still needed to get funding for it.
  - He also asked about the flow of traffic for ambulances, to which Mr. Mikos replied that all truck traffic is off Madison St.
  - Mr. Weik then inquired as to how the existing ED space will be used. Mr. Spadoni said Rush is still looking into that.
  - He asked for a copy of the final PD application that is submitted to the Village.
  
- Trina Sandschafer (532 S. Wenonah)
  - She wants to ensure that the existing setbacks will be maintained.
  - She noticed that the power point slide entitled "New ED Addition" shows the parking lot expansion going right up to the sidewalk. Mr. Mikos and Mr. Spadoni stated this was an error that will be corrected and that the parking lot expansion will not go all the way to the sidewalk.

- Jim Ritter (601 Wenonah)
  - He asked about noise from the construction and what hours/days will construction occur.
    - Ms. Goodman and Angela Tasic stated that Rush will be monitoring the project for noise and per Village requirements, construction can only occur between 7 am and 8 pm. The worst part of the noise will be during the sheeting phase which will last 6-8 weeks but not all at once. Ms. Goodman said there will be no construction on Sundays, but it will be going on during some Saturdays.
    - Ms. Tasic brought up that Rush has to be very conscious of the noise levels because of hospital lab equipment that must be calibrated.
  - Mr. Ritter asked Mr. Spadoni what future plans Rush had for expansion into the residential neighborhood and if there were plans for Rush to purchase more property.
    - Mr. Spadoni stated that the idea for future expansion would be to build up not expand the footprint. The new ED will be built with a foundation that will allow for vertical expansion.
  
- Paul Kressin (520 Wenonah)
  - Mr. Kressin said that several years ago when Rush was building their parking garage, he had to call the police because there was construction going on at 10:30 p.m. Ms. Goodman said that shouldn't happen here, and a special permit is required for any noise after 8 p.m.
  
- Julie Herwitt (505 Elgin, Forest Park)
  - She asked about Mr. Spadoni's comment that by the time the new ED is completed, Rush will be at capacity (42,000 patients) and his prediction for growth in the next 5 years.
    - Mr. Spadoni stressed that there will be room for expansion in the new ED but regulations won't allow it until Rush can show actual volume and need. He predicts 3-4% growth but that will also depend on the status of government policy on healthcare and insurance.



Location:  
 Rush Oak Park Hospital  
 Centennial Room  
 520 S. Maple Ave.,  
 Oak Park

Proposed Planned Development  
 New Emergency Department

Date and Time:  
 Monday, April 24, 2017  
 5:30 - 7:00 pm

	Name	Address	Phone	Email
1	Bob Reinert	630 S Maple Ave	773-416-5022	Perentrob@gmail
2	Chuck Meeryditt	641 S. Maple UNIT H	708-476-5930	chuckmeeryditt@gmail.com
3	MICHAEL J. WEIK	626 S. Maple	708-903-0116	mweik@smithweikhd.com
4	Michael Bassett	625 S. Maple	708-358-1917	carat13@mac.com
5	Sandra Kaufmann	625 S. Maple	708-655-5241	sandra.kaufmann13@gmail.com
6	JAKE DICKENS	629 Wisconsin	708-763-3112	jfdickens@netscape.net
7	TRINA SANDSCHAFER	532 WENONAH	773-706-4684	TrinaSandshofer@hotmail.com
8	PAUL KRESSIN	530 WENONAH	708-848-9688	paul@kressin.com
9	DIM RITTER	601 WENONAH	708-216-2445	DRITTER601@SBCGLOBAL.NET
10	TULIE HERWITT	505 ELSIN FOREST PARK	708-209-1139	Tulie@Herwitz-CPA.com
11	TOM RUONIK	509 ELGIN FOREST PARK	708-209-1159	JEFFRUONIK@SBCGLOBAL.NET
12	ANGELA TOSIC	1350 S. Blue Island	773-991-3030	angelk_tosic@rush.edu
13	Harold Benson	829 OAK HOLLOW RD	312-904-3718	HaroldBenson@walshgroup.com
14	Michael J. Bartos	8946 Haddon Ave. Hillside IL	630-742-6088	mjbartos@physicianrx.com
15	Deanna Goodman	2621 N Haddon Ave. Chicago IL 60622	312-656-2388	dgoodman@walshgroup.com
16	TOM ADAMS	632 S. Maple Oak Park	708-848-3274	TADAMS@EID@EARTHINK.NET
17	Robert Grobko	708 S. Maple O.P.	708-386-6160	inbox2016@ameritech.net
18	Robert Grobko	708 S. Maple O.P.	708-386-6160	inbox2016@ameritech.net
19				
20				

## 5. PROFESSIONAL QUALIFICATIONS

**Anderson  
Mikos Architects Ltd.**

ABOUT US

PROJECTS

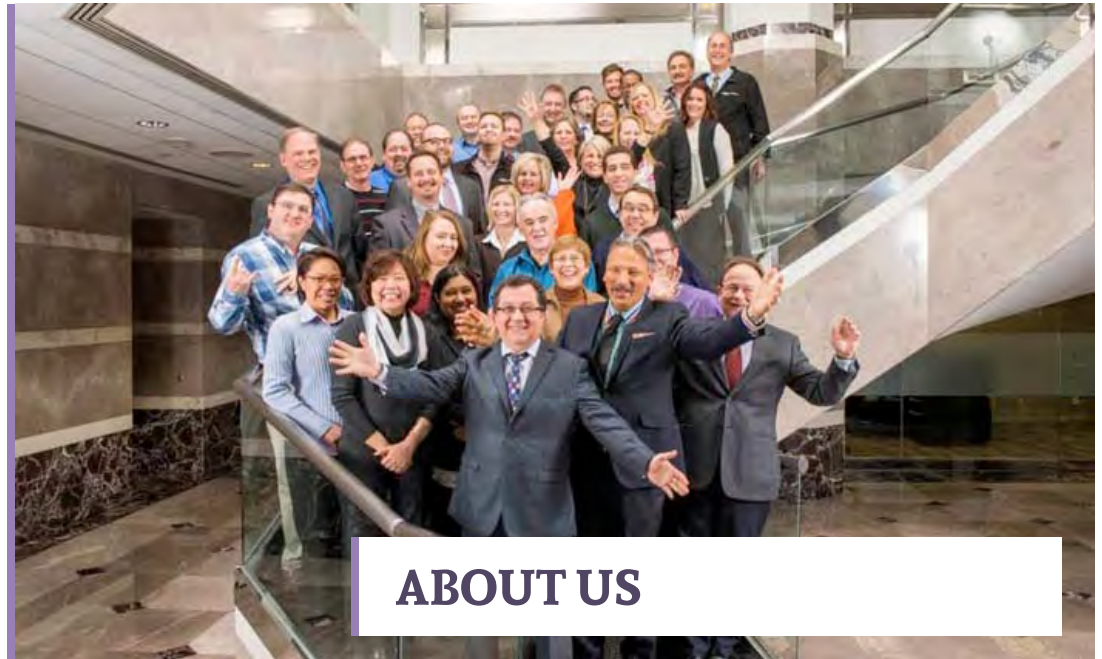
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LINKS

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EMPLOYMENT



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**ARCHITECTURE  
THROUGH LISTENING™**

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## ABOUT US

Anderson Mikos believes that unfettered independence is essential to success and that dedicated service to clients is our highest priority. Bringing a sense of fun to our designs and the project process keeps all engaged and enthusiastic.

Through our talented staff of architects, planners, designers, computer specialists, specification writers and field representatives, we have the design and technological capabilities to deal with the most complex building program. We are members of the U.S. Green Building Council with many of our staff having earned their LEED AP credentials.

Our approach to our work is "Architecture Through Listening." Working closely with your leadership teams we will observe, contemplate and offer appropriate solutions. It's an approach that we have successfully utilized for a variety of clients and types and scales of projects. For Anderson Mikos, listening means hearing the interests, the ideas and the concerns of a wide range of team members and collaborators. Through over a quarter century of healthcare planning and design, Anderson Mikos Architects understands that the



**Anderson**  
**Mikos Architects Ltd.**

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key to any successful project is to create teams consisting of these many interests. More important is providing the opportunity for those teams to hear what is of concern to their constituents. By giving those involved the ability to interact, collaborate and communicate effectively, we will bring forth ideas that can be documented, critiqued and evaluated in a manner to create a consensus for a great future for our clients and the people they serve. We will proactively participate in a dialogue that permits our team to offer our knowledge and experience and will encourage the examination and exchange of ideas of all involved that will promote a healing environment for all patients.

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**ARCHITECTURE**  
THROUGH **LISTENING**™

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## FIRM QUALIFICATIONS

For more than a century - evolving from humble origins in Matthew Myles Walsh's basement to the revitalization initiated by the Walsh children - the Walsh name has commanded respect, solidity and success in construction.

A fourth generation family-owned business, we are headquartered in the West Loop neighborhood of Chicago, with regional offices located strategically across the country. We have practiced general building construction since 1898. Today, we serve as general contractor, construction manager and design-builder with revenues in excess of \$5 billion.

Recognized as the nation's 13th largest contractor in the Engineering News-Record Top 400 List, the 5th largest healthcare general contractor by Modern Healthcare and the largest VA general contractor by project size. The Walsh Group provides services through subsidiaries: Walsh Construction and Archer Western Construction.

Our healthcare market focus spans a vast range of project types - each one demanding unique, client focused solutions. Our most recent healthcare experience includes: the design-build Loma Linda Ambulatory Care Center leaseback project for the Department of Veterans Affairs; the new construction Vassar Brothers Medical Center Patient Pavilion for HealthQuest; the Palos South Campus Redevelopment project for Palos Health and the design-build renovation and expansion of the Emergency Department at the Adventist La Grange Memorial Hospital for AMITA Health.

With our expansive experience in the healthcare industry we integrate the lessons learned from our diverse portfolio and apply this superior knowledge base from one project to the next.

In support of diversity, we assertively facilitate minority participation on both public and private projects. We strive to not only fulfill, but also to surpass the MBE/WBE requirements established by our clients. Recognized as a true champion of minority participation, community-based organizations, advocacy groups and trade organizations alike have honored the Walsh Group with numerous affirmative active action awards.

We have also created many Community Relations and Residency Hiring Programs, further weaving our work with the daily lives of our constituents - many of whom utilize our healthcare facilities.



VA Loma Linda Ambulatory Care Center



Palos Health South Campus Redevelopment Diagnostic Imaging



AMITA Health Adventist La Grange Memorial Hospital  
Emergency Department

## 6. PROPOSED FINANCING

## **PLANNED DEVELOPMENT APPLICATION**

520 S. Maple, Oak Park, IL

Rush Oak Park Hospital

In response to the planned development application submittal requirement, the applicant, Rush Oak Park Hospital, states that Rush will self-finance the project.

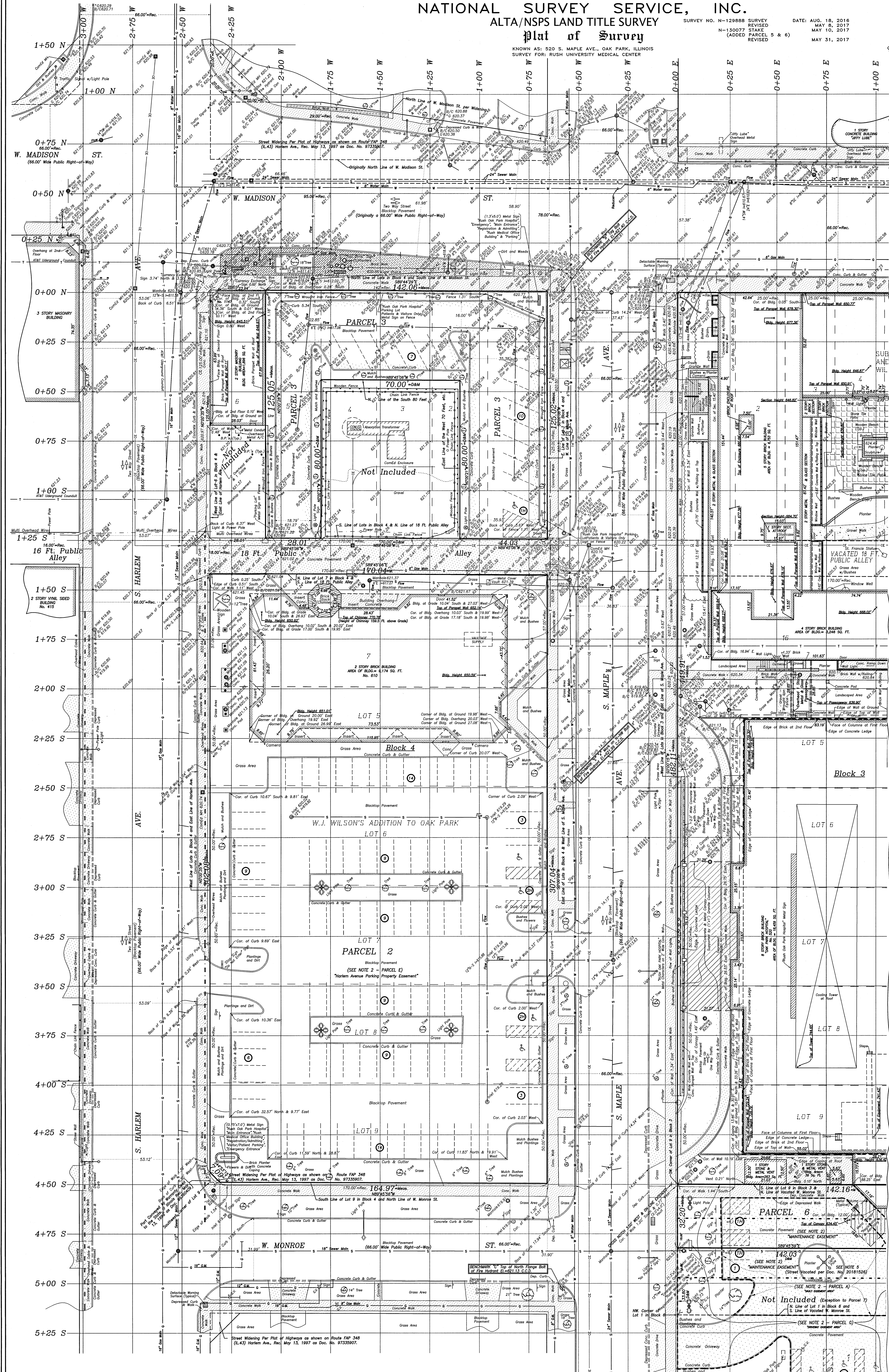
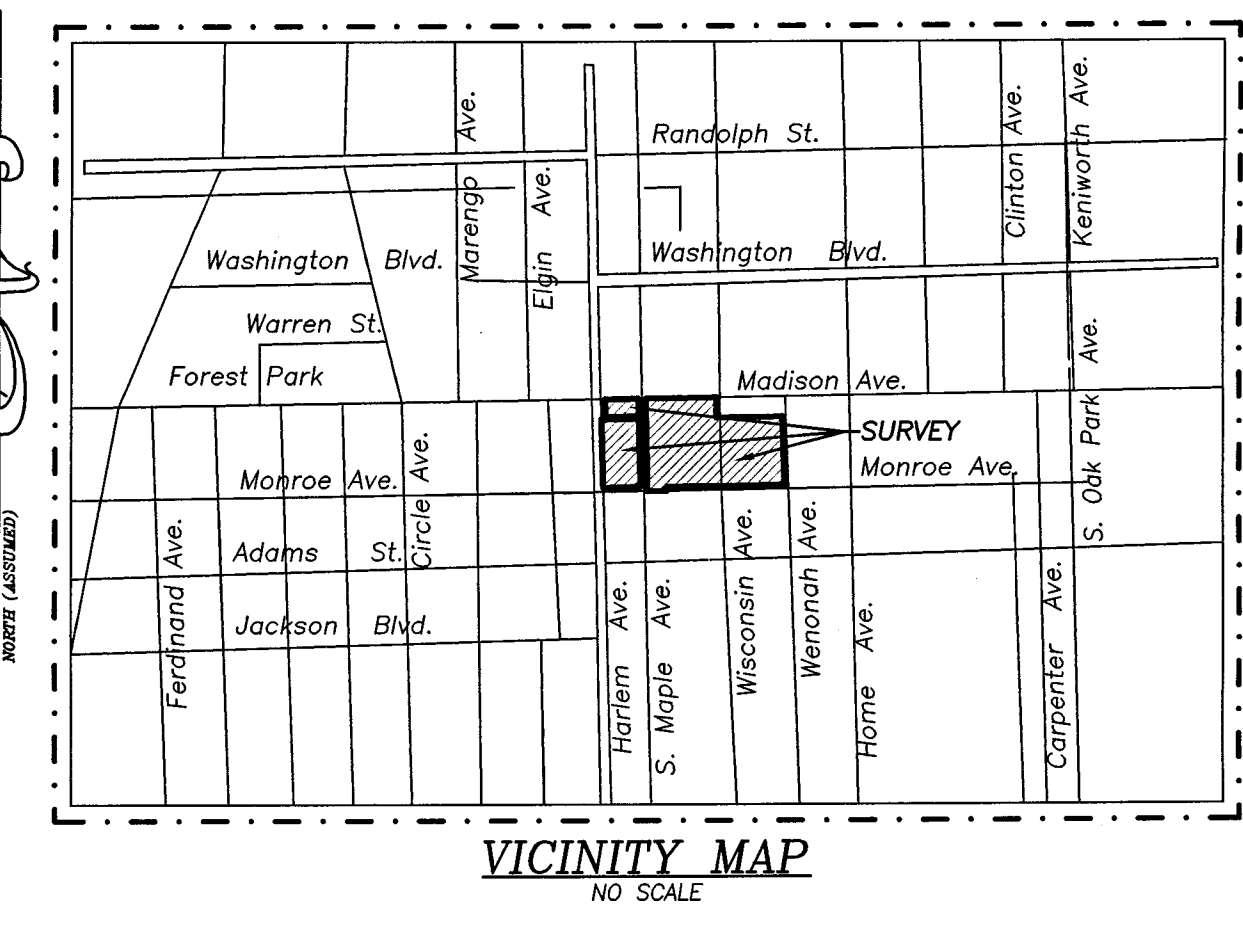
7. LEGAL CURRENT YEAR PLAT OF SURVEY



NATIONAL SURVEY SERVICE, INC.  
ALTA/NSPS LAND TITLE SURVEY  
Plat of Survey

SURVEY NO. N-129888 SURVEY DATE: AUG. 18, 2016  
REVISED MAY 8, 2017  
STAKE MAY 10, 2017  
N-130077 (ADDED PARCELS 5 & 6)  
REVISED MAY 31, 2017

KNOWN AS: 520 S. MAPLE AVE., OAK PARK, ILLINOIS  
SURVEY FOR: RUSH UNIVERSITY MEDICAL CENTER



LEGAL DESCRIPTIONS:  
PARCEL 1: LOT 7 IN THE RESUBDIVISION OF LOTS 1, 2, 3 AND 4 IN BLOCK 4 IN W. J. WILSON'S ADDITION TO OAK PARK BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST HALF OF THE SOUTHWEST QUARTER THEREOF), TOGETHER WITH LOTS 5, 6, 7, 8 AND 9 IN BLOCK 4 OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST HALF OF THE SOUTHWEST QUARTER THEREOF), IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST HALF OF THE SOUTHWEST QUARTER THEREOF), IN COOK COUNTY, ILLINOIS.  
PARCEL 2: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 8; THENCE NORTH 00 DEGREES 47 MINUTES 34 SECONDS WEST (ASSUMED) 5.00 FEET ALONG THE WEST LINE THEREOF; SAID WEST LINE BEING A SUBDIVISION OF LOT 1 (EXCEPT THE WEST HALF OF HARLEM AVENUE (LINDSAY AVENUE) 43 FEET SOUTH 45 DEGREES 40 MINUTES 07 SECONDS EAST 7.00 FEET OF THE WEST LINE OF SAID LOT 1; THENCE SOUTH 89 DEGREES 27 MINUTES 21 SECONDS WEST 5.00 FEET ALONG SAID SOUTH LINE TO SAID POINT OF BEGINNING; BEING 52,188 SQUARE FEET OR 1.19808 ACRES.  
PARCEL 3: LOTS 3, 4 AND 5 (EXCEPT THE SOUTH 80 FEET OF THE WEST 30 FEET OF LOTS 3 AND 4 TAKEN AS A TRACT AS MEASURED FROM THE WEST AND SOUTH LINES OF SAID LOTS) IN BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST 1/2 OF THE SOUTHWEST 1/4 THEREOF), IN COOK COUNTY, ILLINOIS.  
PARCEL 4: ALL OF LOTS 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 AND LOT 22 (EXCEPT THE SOUTH 3 FEET THEREOF) IN THE SUBDIVISION OF BLOCK 2 IN WALLEN AND PROBST'S ADDITION TO OAK PARK BEING A SUBDIVISION OF PART OF LOT 1 IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST 1/2 OF THE SOUTHWEST 1/4 THEREOF), IN COOK COUNTY, ILLINOIS.  
ALSO:  
THE EAST HALF OF THE VACATED ALLEY LYING WESTERLY OF AND ADJACENT TO LOTS 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 AND LOT 22 (EXCEPT THE SOUTH 3 FEET THEREOF) AS VACATED BY ORDINANCE RECORDED JANUARY 7, 2015 AS DOCUMENT 1500729101, IN COOK COUNTY, ILLINOIS.  
AREA = 36,203 SQUARE FEET OR 0.83111 ACRES  
PARCEL 5: LOTS 1 TO 16, BOTH INCLUSIVE, IN BLOCK 2 AND LOTS 5 TO 9, BOTH INCLUSIVE, IN BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN (EXCEPT THE WEST 1/2 OF THE SOUTHWEST 1/4 THEREOF), TOGETHER WITH THE VACATED EAST-WEST ALLEY LYING SOUTH OF AND ADJOINING SAID LOTS 1 TO 16, BOTH INCLUSIVE, AND LOTS 5 TO 9, BOTH INCLUSIVE, VACATED BY ORDINANCE RECORDED NOVEMBER 27, 1959 AS DOCUMENT 17721850, ALSO THAT PART OF SAID ALLEY LYING AND ADJOINING SAID LOTS 5 TO 9 IN BLOCK 3 AND EAST AND ADJOINING SAID LOTS 5 TO 9 IN BLOCK 3 TOGETHER WITH THE VACATED ALLEY LYING WESTERLY OF AND ADJACENT TO LOTS 12 TO 15, 17, 18, 19, 20, 21 AND LOT 22 (EXCEPT THE SOUTH 3 FEET THEREOF) EXTENDED WEST AND SOUTH OF THE NORTH LINE OF LOT 35 EXTENDED EAST AS VACATED BY ORDINANCE RECORDED JANUARY 7, 2015 AS DOCUMENT 1500729101, IN COOK COUNTY, ILLINOIS.  
AREA = 222,775 SQUARE FEET OR 5.11422 ACRES  
PARCEL 6: THAT PART OF VACATED WEST MONROE STREET VACATED PER DOCUMENT 20181858 IN W. J. WILSON'S ADDITION TO OAK PARK LYING EAST OF A LINE DRAWN FROM THE SOUTHWEST CORNER OF LOT 1 IN BLOCK 3 TO THE NORTHWEST CORNER OF LOT 1 IN BLOCK 6 AND LYING WEST OF A LINE DRAWN FROM THE SOUTHWEST CORNER OF LOT 1 IN BLOCK 7 TO THE NORTHEAST CORNER OF LOT 1 IN BLOCK 7 EXCEPT THAT PART DESCRIBED AS FOLLOWS:  
BEGINNING AT THE NORTHEAST CORNER OF LOT 1 IN BLOCK 7 AFORESAID; THENCE NORTH 68 DEGREES TO THE SOUTHWEST CORNER OF LOT 9 IN BLOCK 2 AFORESAID; THENCE WEST ALONG THE SOUTH LINE OF LOT 9 IN BLOCK 3 AFORESAID, 216.80 FEET; THENCE SOUTH PERPENDICULAR TO THE AFORESAID LINE, 32.02 FEET; THENCE WEST, PERPENDICULAR TO THE AFORESAID LINE, 142.03 FEET TO A POINT ON A LINE DRAWN FROM THE SOUTHWEST CORNER OF LOT 1 IN BLOCK 3 AFORESAID TO THE NORTHEAST CORNER OF LOT 1 IN BLOCK 6 AFORESAID; THENCE SOUTH ON THE AFORESAID DESCRIBED LINE 33.00 FEET TO THE NORTHEAST CORNER OF LOT 1 IN BLOCK 6 AFORESAID; THENCE EAST ALONG THE NORTH LINE OF LOT 1 IN BLOCK 6 AFORESAID, AND ITS EXTENSION TO THE NORTHEAST CORNER OF LOT 1 IN BLOCK 7 AFORESAID, 359.08 FEET TO THE HERENOW DESCRIBED POINT OF BEGINNING; SAID ADDITION BEING A SUBDIVISION IN SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, ALL IN COOK COUNTY, ILLINOIS.  
AREA = 4,575 SQUARE FEET OR 0.10504 ACRES  
PARCEL 7: LOT 23 AND THE SOUTH 3 FEET OF LOT 22 IN THE SUBDIVISION OF BLOCKS 1 TO 9, BOTH INCLUSIVE, IN WALLEN AND PROBST'S ADDITION TO OAK PARK IN THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.  
AREA = 4,628 SQUARE FEET OR 0.10625 ACRES  
PARCEL 8: (ALLEY TO BE VACATED)  
THAT PART OF THE NORTH-SOUTH 16 FOOT WIDE PUBLIC ALLEY IN BLOCK 2 IN THE SUBDIVISION OF BLOCKS 1 TO 9, BOTH INCLUSIVE, IN WALLEN AND PROBST'S ADDITION TO OAK PARK IN THE NORTHWEST 1/4 OF SECTION 18, TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:  
LYING WEST OF AND ADJOINING LOTS 22 AND 23; LYING EAST OF AND ADJOINING LOTS 24 AND 25; LYING SOUTH OF THE WESTERN EXTENSION OF THE NORTH LINE OF THE SOUTH 3.00 FEET OF LOT 22 AFORESAID; AND LYING NORTH OF A LINE DRAWN FROM THE SOUTHWEST CORNER OF LOT 22 AFORESAID TO THE SOUTHWEST CORNER OF LOT 24 AFORESAID, IN COOK COUNTY, ILLINOIS.  
AREA = 592 SQUARE FEET OR 0.01360 ACRES

LEGEND:  
B = BOTTOM OF MANHOLE  
B.B. = BUFFALO BOX  
B/C = BACK OF CURB  
B.P. = BUMPER POST  
B/S = BOTTOM OF SLOPE  
C.BOX = CONTROL BOX  
C.H.W. = CONCRETE HIGHWALL  
CL = CENTER LINE  
CONEMAN = CONM. EDISON MANHOLE  
C.P. = CONCRETE PAD  
C = CURB  
DF = DEBRIS FILLED  
E.M. = EDGE OF MEDIUM  
E/P = EDGE OF PAVEMENT  
E.L. = ELEVATION  
E.M. = ELECTRIC MANHOLE  
E/B = FACE OF BUILDING  
F/O = FACE OF CURB  
F/W = FACE OF FENCE  
F/M = FACE OF WALL  
F.F. = FINISHED FLOOR  
F.H. = FIRE HYDRANT  
G = GUTTER  
G.M. = GAS METER  
G.M.H. = GAS MANHOLE  
G.V. = GAS VALVE  
G.R. = GROUND RAIL  
G.T.M.H. = GREASE TRAP MANHOLE  
I = INVERT OF PIPE  
I/CUL = INVERT OF CULVERT  
NL = INLET  
MH = MANHOLE  
M.W. = MONITORING WELL  
P = PAVEMENT  
P/S = PAINT STRIPE  
R.E. = RESTRICTOR  
S.BOX = SWITCH BOX  
S.M.H. = SANITARY MANHOLE  
S.P. = STAIRS  
T.M.H. = TELEPHONE MANHOLE  
T.P. = TOP OF PAVEMENT  
T/O.C. = TOP OF CURB  
T/O.P. = TOP OF PIPE  
T/O.P.E. = TELEPHONE PEDestal  
T.R.P. = TRAP PIPE  
T.S. = TRAFFIC SIGNAL  
T.M.W. = TELEPHONE SIGNAL MANHOLE  
T/S = TOP OF SLOPE  
T/V = TOP OF VERTICAL PIPE  
U.P. = UTILITY POLE  
U.C. = UNDER CABLE  
U.V. = VAULT  
W = WALK  
W.M. = WATER MANHOLE  
W.F. = WATER FILLED  
CABLE TV CABLES = ---  
UNDERGROUND COMMUNICATION (WIRELESS) CONDUIT = ---  
COMMONWEALTH EDISON CO. UNDERGROUND ELECTRIC CONDUIT = ---  
GAS MAIN = ---  
UNDERGROUND TELEPHONE CONDUIT = ---  
OVERHEAD WIRES = ---  
SANITARY MAIN = ---  
SEWER MAIN = ---  
WATER MAIN = ---

IMPORTANT  
NO DIMENSIONS SHOULD BE ASSUMED BY SCALE MEASUREMENTS UPON THE PLAT.  
DIMENSIONS ARE MARKED IN FEET AND DECIMAL PARTS THEREOF; THUS: 4.57 MEANS 4 FEET AND 57/100 FEET, OR IN FEET AND INCHES, THUS: 4'-6 1/2"  
CONTRACTORS AND BUILDERS ARE REFERRED TO CAREFULLY TEST AND COMPARE THE FOUNDING POINTS, MEASUREMENTS, ETC., AS NOTED ON THIS PLAT WITH THE CORRESPONDING POINTS, ETC., OBTAINED ON THE GROUND. DIFFERENCES BETWEEN THE FOUNDING POINTS, ETC., OBTAINED ON THE GROUND AND THOSE SHOWN ON THIS PLAT SHOULD BE NOTED AND REPORTED TO THE SURVEYOR BEFORE WORK BEGINS.  
UTILITY DATA OTHER THAN PLYWOOD EVIDENCE SHOWN ON THE GROUND OR SHOWN AS PER RECORDS OBTAINED FROM PRIVATE AND PUBLIC SOURCES AS INDICATED AND SHOULD BE ASSUMED TO BE APPROXIMATE.  
NATIONAL SURVEY SERVICE, INC. 2017 "ALL RIGHTS RESERVED"

WARNING  
UTILITY INFORMATION IS BASED UPON FIELD MEASUREMENTS AND THE BEST AVAILABLE RECORDS. FIELD DATA IS LIMITED TO THAT WHICH IS VISIBLE AND CAN BE MEASURED. THIS DOES NOT PRECLUDE THE EXISTENCE OF OTHER UNDERGROUND RECORDS, RECORD INFORMATION IS BASED UPON DATA COLLECTED FROM BOTH PUBLIC AND PRIVATE SOURCES. THE COMPLETENESS AND/OR ACCURACY OF THESE RECORDS CANNOT BE GUARANTEED EXCEPT AS NOTED. THIS CAN BE VERIFIED BY FIELD MEASUREMENT. PRIOR TO ANY EXCAVATION, CONTACT "CALL 811" AT 1-800-999-9123, VISIT UTILITY LOCATING INFORMATION EXPLANATIONS.

ABBREVIATION LEGEND:  
BLDG = BUILDING  
CONG. = CONCRETE  
COR. = CORNER  
D = DITCH  
DOC. NO. = DOCUMENT NUMBER  
M. (M.C.S.) = MEASURED  
P.O.B. = POINT OF BEGINNING  
E. = RECORD  
S.E. = SECTION

NOTES:  
1. INDICATES NUMBER OF REGULAR PARKING SPACES  
2. INDICATES NUMBER OF HANDICAPPED PARKING SPACES = 102  
3. INDICATES NUMBER OF HANDICAPPED PARKING SPACES = 6

STATION DESCRIPTION:  
BENCHMARK SET VERTICALLY IN THE NORTH BRICK WALL OF THE HARTFORD ELECTRIC COMPANY BUILDING AT 6478 W. NORTH AVENUE, 47 FEET EAST OF THE EAST CURB OF THE CORNER OF THE BUILDING, AND ABOUT 3 FEET ABOVE THE LEVEL OF AN ALLEY.

STATION ELEVATION:  
ELEVATIONS SHOWN HEREON ARE MEASURED IN RELATION TO NAVD 88 BENCHMARK.  
DESIGNATION = W 133  
PTD = MET 140  
STATE/COUNTY = IL/COOK  
USA/QAD = RIVER FOREST (1997)

VERT ORDER = SECOND CLASS I  
ELEVATION: NAVD 88 ORTHO HEIGHT 643.63 FT.

GRAPHIC SCALE  
1 inch = 16 feet

ZONING INFORMATION:  
THE PROPERTY IS IN ZONE "H" HOSPITAL DISTRICT, ACCORDING TO THE VILLAGE OF OAK PARK 2016 ZONING MAP DATED AND AMENDED FEBRUARY 29, 2016.

FLOOD HAZARD INFORMATION:  
FOR THE VILLAGE OF OAK PARK, ILLINOIS, COMMUNITY NO. 17031C, PANEL NO. 0329, MAP NUMBER 170310329A, PANEL NOT PRINTED.  
THE SUBJECT PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.

See Page 2 of 3 for Continuation of Survey

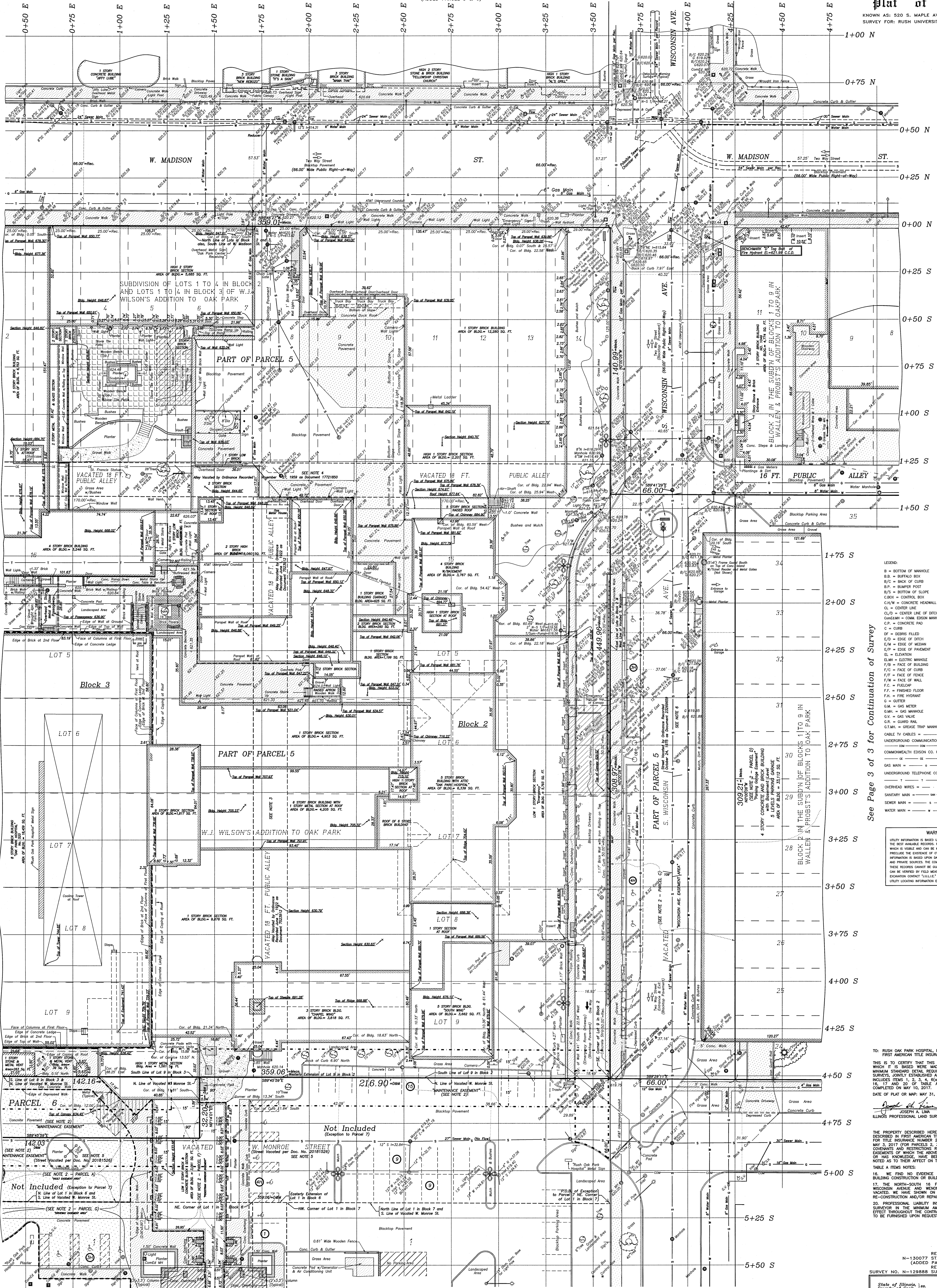
See Page 2 of 3 for Continuation of Survey



See Page 1 of 3 for Continuation of Survey

See Page 1 of 3 for Continuation of Survey

See Page 3 of 3 for Continuation of Survey



LEGEND

B = BOTTOM OF MANHOLE	I = INVERT OF PIPE
B/B = BUTTRESS BOX	IN = INVERT OF CURB
B/C = BACK OF CURB	MI = MANHOLE
B/P = BUMPER POST	M/W = MONITORING WELL
B/S = BOTTOM OF SLOPE	P = PAVEMENT
C/B/C = CONTROL BOX	P/S = PAINT STRIPE
CL = CENTER LINE	RE = RESTRICTOR
CL/D = CENTER LINE OF DITCH	SB/C = SWITCH BOX
CL/SH = CENTER LINE OF SIDEWALK	SM = SANITARY MANHOLE
C = CURB	SP = STAIRPIPE
C/F = CONCRETE FILL	T/M = TELEPHONE MANHOLE
E/D = EDGE OF DITCH	T/S = TRAFFIC SIGNAL
E/M = EDGE OF MEDIAN	T/W = TOP OF FOUNDATION
E/P = EDGE OF PAVEMENT	T/W = TOP OF PIPE
EL = ELEVATION	T/W = TOP OF SLOPE
EL/M = ELECTRIC MANHOLE	T/W = TOP OF WALL
F/B = FACE OF BUILDING	T/W = TOP OF WATER
F/C = FACE OF CURB	U/P = UTILITY POLE
F/W = FACE OF WALL	U/O = UNABLE TO OPEN
F/L = FINISHED FLOOR	W = WALK
F/M = FIRE METER	W/M = WATER MANHOLE
G = GUTTER	WF = WATER FILLED
G/M = GAS METER	
G/V = GAS VALVE	
G/R = GUARD RAIL	
G/T/M = GREASE TRAP MANHOLE	
CABLE TV CABLES = ---	
UNDERGROUND COMMUNICATION (FiberStream) CONDUIT = ---	
COMMONWEALTH EDISON CO. UNDERGROUND ELECTRIC CONDUIT = ---	
GAS MAIN = ---	
UNDERGROUND TELEPHONE CONDUIT = ---	
OVERHEAD WIRES = ---	
SANITARY MAIN = ---	
SEWER MAIN = ---	
WATER MAIN = ---	

WARNING

UTILITY INFORMATION IS BASED UPON FIELD MEASUREMENTS, AND THE BEST AVAILABLE RECORDING DATA IS USED TO DETERMINE THE LOCATION AND DEPTH OF UTILITIES. THIS DOES NOT PRECLUDE THE EXISTENCE OF OTHER UTILITIES. RECORD INFORMATION IS BASED UPON DATA OBTAINED FROM PUBLIC AND PRIVATE SOURCES. THE COMPLETENESS AND/OR ACCURACY OF THESE RECORDS CANNOT BE GUARANTEED. REPLY HEREON AS THEY CAN BE VERIFIED BY FIELD MEASUREMENT. REFER TO ANY EXISTING RECORDS "AS LIES" AT 1-800-999-0153. JOHN (P) UTILITY LOCATOR INFORMATION EXCLUDED.

TO: RUSH OAK PARK HOSPITAL, INC., A CORPORATION OF ILLINOIS;  
FIRST AMERICAN TITLE INSURANCE COMPANY;

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NPS LAND TITLE SURVEYS, AS ESTABLISHED AND ADOPTED BY ALTA AND NPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6(a), 7(b), 7(c)(1), 7(c), 8, 9, 11, 14, 16, 17, AND 20 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON MAY 10, 2017.

DATE OF PLAT OR MAP: MAY 31, 2017

Joseph A. Lima  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3080

THE PROPERTY DESCRIBED HEREON IS THE SAME AS THE PROPERTY DESCRIBED IN FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT FOR TITLE INSURANCE NUMBER 2886777 WITH AN EFFECTIVE DATE OF MAY 3, 2017 (FOR PARCELS 2, 3, 4, 5, 6 AND 7 ONLY). EASEMENTS, COVENANTS AND RESTRICTIONS REFERENCED IN SAID COMMITMENT, OR EASEMENTS OF WHICH THE ADVERTISED SURVEYOR HAS BEEN ADVISED OR HAS KNOWLEDGE, HAVE BEEN PLOTTED HEREON OR OTHERWISE NOTED AS TO THEIR EFFECT ON THE PROPERTY.

TABLE A ITEMS NOTES:

16. WE FIND NO EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONDITIONS OR BUILDING ADDITIONS.

17. THE NORTH-SOUTH 16 FOOT WIDE PUBLIC ALLEY BETWEEN WISCONSIN AVENUE AND MADISON AVENUE IS PROPOSED TO BE VACATED. WE HAVE SHOWN ON THE SURVEY THE RESTRICTOR RE-CONSTRUCTION AND/OR REPAIRS.

20. PROFESSIONAL LIABILITY INSURANCE POLICY OBTAINED BY THE SURVEYOR IN THE MINIMUM AMOUNT OF \$1,000,000.00 TO BE IN EFFECT THROUGHOUT THE TERM OF THIS CERTIFICATE OF INSURANCE TO BE FURNISHED UPON REQUEST.

IMPORTANT

NO DIMENSIONS MARKED BY SCALE MEASUREMENTS UPON THE PLAT.

DISTANCES ARE MARKED IN FEET AND DECIMAL PARTS THEREOF. THIS 4.07' MEANS 4 FEET AND .07 FEET, OR IN FEET AND INCHES, THIS 4'-8 1/8" MEANS 4 FEET AND 1 1/8 INCHES.

CONTRACTORS AND BUILDERS SHOULD BE NOTIFIED TO CAREFULLY TEST AND CHECK WITH THE SURVEYOR. THE SURVEYOR IS NOT RESPONSIBLE FOR ANY DISCREPANCIES OR OMISSIONS OF POINTS MAY BE CORRECTED BEFORE THE SURVEYOR'S WORK IS COMPLETED. THE SURVEYOR'S LIABILITY IS LIMITED TO THE AMOUNT OF THE SURVEY FEE.

UTILITY DATA OTHER THAN PHYSICAL EVIDENCE VISIBLE ON THE GROUND IS SHOWN FOR RECORDS OBTAINED FROM PRIVATE AND PUBLIC SOURCES AS INDICATED AND SHOULD BE ASSUMED TO BE APPROXIMATE.

NATIONAL SURVEY SERVICE, INC. 2017 "ALL RIGHTS RESERVED"

ELEVATIONS SHOWN HEREON ARE MEASURED IN RELATION TO NAD 83 BENCHMARK.

DESIGNATION - W 133  
PID - MET 149  
STATE/COUNTY - IL/COOK  
USGS QUAD - RIVER FOREST (1997)

VERT ORDER - SECOND CLASS

ELEVATION: NAVD 83 ORTHO HEIGHT 643.63 FT.

Ⓢ DENOTES NUMBER OF REGULAR PARKING SPACES

Ⓜ DENOTES NUMBER OF HANDICAPPED PARKING SPACES

STATION DESCRIPTION: BENCHMARK SET VERTICALLY IN THE NORTH BRICK WALL OF THE HARFIELD ELECTRIC COMPANY BUILDING AT 6478 W. NORTH AVENUE, 47 FEET EAST OF THE EAST CURB OF THE INTERSECTION OF MADISON AVENUE, 30 1/2 FEET WEST OF THE NORTHEAST CORNER OF THE BUILDING, AND ABOUT 3 FEET ABOVE THE LEVEL OF AN ALLEY.

ABBREVIATION LEGEND:

B = BUILDING  
C = CONCRETE  
D = DEED  
D/C = DOCUMENT NUMBER  
M (MEAS) = MEASURED  
P.O.B. = POINT OF BEGINNING  
P.O.C. = POINT OF COMMENCING  
R = RECORD  
S = SECTION

NE = NORTHEAST E = EAST  
NW = NORTHWEST S = SOUTH  
SE = SOUTHEAST W = WEST

ZONING INFORMATION:  
THE PROPERTY IS IN ZONE "M" HOSPITAL DISTRICT, ACCORDING TO THE VILLAGE OF OAK PARK 2016 ZONING MAP DATED AND AMENDED FEBRUARY 29, 2016.

FLOOD HAZARD INFORMATION:  
FOR THE VILLAGE OF OAK PARK, ILLINOIS, COMMUNITY NO. 17031C, PANEL NO. 030P, MAP NUMBER 17031C030P, PANEL NOT PRINTED. THE SUBJECT PROPERTY IS NOT IN A SPECIAL FLOOD HAZARD AREA.

GRAPHIC SCALE  
(IN FEET)  
1 inch = 16 ft.

REVISOR: MAY 31, 2017  
N-130077 STAKE (ADDED PARCELS 5 & 6)  
REVISED: MAY 10, 2017  
SURVEY NO. N-129888 SURVEY DATE: AUG. 18, 2016

State of Illinois, Co. Cook, City of Chicago

Joseph A. Lima  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3080

NATIONAL SURVEY SERVICE, INC.  
PROFESSIONAL LAND SURVEYORS  
30 S. MICHIGAN AVENUE, SUITE 200  
CHICAGO, ILLINOIS 60603  
TEL: 312-630-9480 FAX: 312-630-9484  
BY: [Signature] ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3080  
E:\ns\129888\129888.dwg

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CIVIL 3D PROJECTS 2016\N130077\30077-P1-2-3-TOPO.DWG CD-34







**8. LIST AND MAP OF SURROUNDING PROPERTY OWNERS**

16-07-323-055-1003 APMS PO BOX 490554 CHICAGO, IL 60649	15-13-224-042-1007 BARONE 7212 JACKSON BLVD #1E FOREST PARK, IL 60130	15-12-435-015-0000 BILLINGSLEY 321 ELGIN AVE FOREST PARK, IL 60130
16-07-323-037-0000 Oak Park for Civic Theatre 1010 Madison, Box 1033 Oak Park, Illinois 60302	16-18-101-002-0000 Oak Park Hospital 520 S. Maple Ave. Oak Park, Illinois 60302	16-07-324-032-0000 School District #97 970 Madison Oak Park, Illinois 60302
16-18-109-021-0000 Village of Oak Park 1 Village Hall Plaza Oak Park, Illinois 60302	15-13-206-033-0000 HEIMBURGER 7236 W MADISON FOREST PARK, IL 60130	15-12-435-032-1002 HUTCHINS 259 HOME AVENUE OAK PARK, IL 60302
16-07-323-065-0000 KIARIE 1024 MADISON ST OAK PARK, IL 60302	15-13-206-026-0000 KOENIGSBERGER P O BOX 362 ELMHURST, IL 60126	16-07-323-046-1006 MIZGALA 430 S WISCONSIN AVE 3S OAK PARK, IL 60302
16-07-323-097-0000 Josh Cramer 421 CHESTNUT LN OAK PARK, IL 60302	16-18-118-016-0000 SCOTTSCHWAR 725 WISCONSIN AVE OAK PARK, IL 60304	16-18-113-007-0000 SUTOR 601 CLINTON AVE OAK PARK, IL 60304
15-12-436-040-0000 TRINDLE 7230B WASHINGTON FOREST PARK, IL 60130	16-07-323-109-0000 1020 MADISON LLC 2980 RIVER ROAD DES PLAINES, IL 60018	16-07-323-055-1014 1041 SUSAN COLLINS LAN 171 CORTE MADERA RD PORTOLA VALL, CA 94028
16-18-102-001-0000 1051 MADISON ST LLC 307 DUNDEE RD BARRNGTN HLS, IL 60010	15-13-224-042-1030 1NEIL KATHY DRISCOLL 7210 W JACKSON BLVD 2F FOREST PARK, IL 60130	16-07-322-060-0000 407 WISCONSIN ASSOC 407 WISCONSIN AVE OAK PARK, IL 60302
16-07-322-046-0000 413 WISCONSIN ASSOC 413 WISCONSIN UNITB OAK PARK, IL 60302	16-07-322-052-0000 413 WISCONSIN TNHS AS 413 WISCONSIN #6 OAK PARK, IL 60302	16-07-322-061-1034 417 25 S WISCONSIN LLC 7625 W MADISON ST FOREST PARK, IL 60130
15-13-206-040-0000 422 MARENGO LLC 745 S EAST AVE OAK PARK, IL 60304	15-13-206-037-0000 424 MARENGO TRUST PO BOX 163 FOREST PARK, IL 60130	16-18-109-013-0000 4447 ASSOCIATES POB 3683 SALT LK CITY, UT 84110
15-12-436-020-0000 7204 WASHINGTON REAL 7204 WASHINGTON #1 FOREST PARK, IL 60130	15-13-205-007-0000 7300 MADISON LLC 503 MARION ST OAK PARK, IL 60302	16-07-323-089-0000 A COFFMAN J WEBER 1017 LINCOLN TRL OAK PARK, IL 60302

16-07-323-049-1023 A D MOSBY 1025 WASHINGTON BLVD OAK PARK, IL 60302	15-13-214-025-0000 A KOERBER 7223 W JACKSON BLVD FOREST PK, IL 60130	16-07-323-051-1002 A LEE 406 S WISCONSIN 201 OAK PARK, IL 60302
16-18-103-016-0000 A LUBERTOZZI H MARTC 521 HOME AVE OAK PARK, IL 60304	16-07-324-033-1041 AASIM H MERCHANT 3851 BELLEAIRE DR DOWNERS GRV, IL 60515	15-13-214-015-0000 ACCESS CREDIT UNION 1807 W CERMAK RD BROADVIEW, IL 60155
16-07-324-033-1053 ADAM W BIRCH 430 S HOME AVE #304S OAK PARK, IL 60302	16-07-323-048-1010 ADRIANE VALENTIN 1020 WASHINGTON BLVD OAK PK, IL 60302	15-12-435-032-1040 AHMED MOHIUDDIN 8S131 AINTREE DR NAPERVILLE, IL 60540
16-07-322-040-1005 AIMEE GLOUDE 430 S MAPLE 1S OAK PARK, IL 60302	15-13-215-017-1011 AJITH MATHEW JOSEPH 2661 N STUART DR ARLINGTON HTS, IL 60004	16-07-323-060-0000 AKARSHAN ARVIND 1036 SUSAN COLLINS LN OAK PARK, IL 60302
16-18-110-018-0000 AKIRA JAMESSE 625 WISCONIN AVE OAK PARK, IL 60304	15-12-435-032-1046 ALAN KUSKA 801 AMSTERDAM AVE #10C NEW YORK, NY 10025	16-18-111-013-0000 ALEX JESSICA KUMAR 605 WENONAH AVE OAK PARK, IL 60304
15-12-435-032-1033 ALIDA R DEL COTTO 610 N WEST AV ELMHURST, IL 60126	15-13-224-042-1011 ALINA ALEKSIEIEVA 7216 JACKSON BLVE #C2 FOREST PARK, IL 60130	15-12-435-039-0000 ALISON BALLWIG 309 ELGIN AVE FOREST PARK, IL 60130
16-18-109-023-0000 ALLAN LIBUNAO 220 S SCOVILLE AVE OAK PARK, IL 60302	15-13-207-019-0000 AMALEK VICTOR SMITH 439 S HARLEM AV FOREST PARK, IL 60130	15-12-435-032-1006 AMES STOLA 3057 N ROCKWELL CHICAGO, IL 60618
16-07-322-062-1004 AMY DEFORREST 426 S MAPLE AV #2S OAK PARK, IL 60302	15-13-206-042-1014 AMY L MCDOWELL 7227 W ADAMS 1 FOREST PARK, IL 60130	16-07-322-038-1006 AMY THOMAS 438 S MAPLE AVE 3N OAK PARK, IL 60302
15-13-215-017-1005 ANA GABRIELA BRY 7200 W ADAMS ST #5 FOREST PARK, IL 60130	16-07-323-051-1005 ANDREA MANCE 410 WISCONSIN #601 OAK PARK, IL 60302	15-13-224-042-1019 ANDRES ZAMUDIO 622 HARRISON ST #3S OAK PARK, IL 60304
16-07-323-073-0000 ANDREW B ROHR 1028 BALDWIN LN OAK PARK, IL 60302	15-13-207-016-0000 ANDREW P TARMAN 440 S ELGIN AVE FOREST PARK, IL 60130	16-18-113-016-0000 ANDREWS BACALAO 635 S CLINTON OAK PARK, IL 60304

15-13-206-034-0000 ANEAS HORAN 7218 W MADISON AV FOREST PARK, IL 60130	16-07-323-049-1037 ANITA P BAIRD 302 1029 WASHINGTON BLVD OAK PARK, IL 60302	15-12-435-032-1004 ANJALI A KARIA 7243 MADISON ST#204 FOREST PARK, IL 60130
16-07-323-049-1029 ANN E WILLIAMS 1027 WASHINGTON BLVD OAK PARK, IL 60302	16-07-323-049-1034 ANNA CLARE MCDERMOTT 1029 WASHINGTON BLVD OAK PARK, IL 60302	16-07-323-050-1006 ANNE MERRITT 439 S HOME AV 3 OAK PARK, IL 60302
15-12-435-032-1063 ANNE WALSH 7243 W MADISON 420 FOREST PARK, IL 60130	16-07-321-020-1001 ANTHONY BADEJO 415 SOUTH MAPLE AV OAK PARK, IL 60302	16-18-109-033-0000 ANTHONY MESSERGES 641 S MAPLE #K OAK PARK, IL 60304
15-13-215-012-0000 ARDINGER RINKS 7209 JACKSON BLVD FOREST PARK, IL 60130	16-18-118-002-0000 ARISTON REALTY CORP 7610 W MADISON ST RIVER FOREST, IL 60305	16-18-119-013-0000 ARLENE MENNENGA 701 WENONAH OAK PARK, IL 60304
16-07-323-059-0000 ARTHUR L JOHNSON 1038 SUSAN COLLINS LN OAK PARK, IL 60302	16-18-109-019-0000 ASHLEY ERIC MEUNIER 715 S MAPLE OAK PARK, IL 60304	16-07-324-033-1009 ASHLEY KANNAN 420 HOME AV 110 OAK PARK, IL 60302
16-07-323-051-1001 ATG TRUST CO L012040 1 S WACKER DR 24TH FL CHICAGO, IL 60606	16-18-120-020-0000 AUDREY BRADY 723 HOME AVE OAK PARK, IL 60304	16-07-323-049-1002 AUDREY ROSENBLATT 1019 WASHINGTON 112 OAK PARK, IL 60302
16-07-324-033-1024 AUDREY VIRGO 420 S HOME AVE 305N OAK PARK, IL 60302	16-07-322-006-0000 AVENUE MNGT 958 S OAK PARK AV OAK PARK, IL 60304	16-18-111-020-0000 B HERMAN K DAHM 621 WENONAH OAK PARK, IL 60304
16-07-323-108-0000 B L A C BOUILLETTE 1019 BALDWIN LN #9 OAK PARK, IL 60302	16-07-323-048-1017 B MATARZHUK L DMYTRO 405 S HOME #303 OAK PARK, IL 60302	15-13-213-015-0000 B Z STAWSKI 501 MORENGO AVE FOREST PARK, IL 60130
16-07-323-043-1011 BARBARA FANTA 425 HOME AVE 2A OAK PARK, IL 60302	16-07-323-055-1001 BARBARA J STREETING 1041 SUSAN COLLINS LN OAK PARK, IL 60302	16-07-323-049-1014 BDSSCOPW LLC 330 N EASE AV OAK PARK, IL 60302
16-07-324-033-1010 BEATRICE RIVERA 420 S HOME AV 201N OAK PARK, IL 60302	16-07-324-033-1043 BEATRIZ L MENACHO 9034 PIMPERNEL DR SAN DIEGO, CA 92129	15-13-206-025-0000 BELINDA D SCOLLARD 439 ELGIN AVE FOREST PK, IL 60130

15-13-224-042-1032 BELMONT REALTY CORP 5339 W BELMONT CHICAGO, IL 60641	16-18-102-024-0000 BELMONT VILLAGE P O BOX 4900 #200 SCOTTSDALE, AZ 85261	15-12-436-015-0000 BENJAMIN FLORES 3429 S HOME AV BERWYN, IL 60402
15-12-435-034-0000 BENJAMIN MBA 608 N KENILWORTH AVE ELMHURST, IL 60126	16-18-109-004-0000 BERNABE C MAUBAN 613-615 S MAPLE OAK PARK, IL 60304	16-07-323-049-1030 BERNARD BRYAN 3A 1027 WASHINGTON BLVD OAK PARK, IL 60302
16-07-323-049-1033 BERNARD NORWOOD 1115 EDMER AVE OAK PARK, IL 60302	16-18-109-022-1003 BESSIE SMITH 621 S MAPLE #102 OAK PARK, IL 60304	15-13-207-029-0000 BETH ELPAYAA 432 ELGIN AV. FOREST PARK, IL 60130
15-13-205-019-0000 BETTY JANE LAU 2 ELIZABETH COURT OAK PARK, IL 60302	15-13-206-042-1017 BOBBY J REID 7229 WEST ADAMS #1 FOREST PARK, IL 60130	16-07-323-043-1025 BRADLEY L ERICKSON 425 S HOME AV 3E OAK PARK, IL 60302
16-18-109-012-0000 BRENDAN G MCNULTY 711 S MAPLE OAK PARK, IL 60304	16-18-104-003-0000 BRETT WILLIAMS L HOL 518 HOME AVENUE OAK PARK, IL 60304	16-18-111-002-0000 BRIAN MARY BYRNE 602 WISCONSIN AVE OAK PARK, IL 60304
16-07-324-033-1051 BRIAN A KALAL 430 HOME AVE 302S OAK PARK, IL 60302	16-18-113-010-0000 BRIAN CHRISTINE KEYES 611 CLINTON OAK PARK, IL 60304	16-07-323-055-1020 BRIAN J SMITH 1041 W SUSAN COLLINS OAK PARK, IL 60302
16-18-118-015-0000 BRIAN MURPHY 721 WISCONSIN AVE OAK PARK, IL 60304	15-12-436-028-0000 BRIDGET LETCHOS 7218 WASHINGTON #B FOREST PARK, IL 60130	15-13-224-042-1036 BRIDGEVIEW BK #1-2517 7940 S HARLEM BRIDGEVIEW, IL 60455
15-13-206-042-1015 BRUCE JULIAN SAMUELS 613 S LOMBARD OAK PARK, IL 60304	16-18-109-022-1011 BRUNO GRAZIANO 621 S MAPLE #204 OAK PARK, IL 60304	16-07-323-055-1004 BRYAN KRIKAU 202 1041 SUSAN COLLINS LN OAK PARK, IL 60302
16-07-323-049-1001 C L KADLEC 1045 N EUCLID AV OAK PARK, IL 60302	16-18-113-011-0000 C BRADLEY STINE 615 S CLINTON OAK PARK, IL 60304	16-18-105-008-0000 C CARMODY 524 S CLINTON AVE OAK PARK, IL 60304
16-07-323-052-1004 C KESTLER 426 S WISCONSIN 1S OAK PARK, IL 60302	16-18-120-003-0000 C LUECK M EPSTEIN 704 WENONAH OAK PARK, IL 60304	16-07-323-049-1005 C ROGERS M DARDIS 1019 W WASHINGTON 301A OAK PARK, IL 60302



16-18-118-007-0000 C S K M KAMHOLZ 724 S MAPLE AVE OAK PARK, IL 60304	16-18-112-004-0000 CARL REBECCA DAISLEY 610 WENONAH AVE OAK PARK, IL 60304	15-13-207-014-0000 CARLA M NITZ 436 ELGIN AVE FOREST PK, IL 60130
15-13-215-017-1008 CARLOS FLARA 7202 ADAMS ST UNIT 8 FOREST PARK, IL 60130	16-07-321-020-1010 CARMEN MCGEE 415 S MAPLE 402 OAK PARK, IL 60302	16-07-324-033-1022 CARMENCITA JOHNSON 420 S HOME AV 303N OAK PARK, IL 60302
16-07-324-033-1001 CARMICHAEL WASHINGTON 420 S HOME AV 101N OAK PARK, IL 60302	16-07-323-050-1002 CAROL J DAWE 439 HOME AVE 1S OAK PARK, IL 60302	16-07-324-033-1018 CAROLL D BUNTON 420 S HOME 209N OAK PARK, IL 60302
15-12-436-034-0000 CAROLYN BEDNAR 7224 W WASHINGTON UN B FOREST PARK, IL 60130	16-07-323-043-1002 CAROLYN R SKIPPER 425 S HOME #1B OAK PARK, IL 60302	15-13-224-042-1010 CARY HIGHTOWER 600 ELGIN AVE #B2 FOREST PARK, IL 60130
15-13-206-042-1018 CATHERINE M COSTELLO 7229 ADAMS ST APT 2 FOREST PARK, IL 60130	16-18-112-020-0000 CATHERINE TOKARSKI 625 S HOME AVE OAK PARK, IL 60304	15-13-223-019-0000 CCL RIVER FOREST LLC 1324 FRANKLIN AVE RIVER FOREST, IL 60305
16-07-322-043-1002 CECELIA G MILLAR 431 WISCONSIN AVE #1 OAK PARK, IL 60302	16-07-323-055-1013 CHARLES GRUNER 2901 N WOLCOTT UNIT I CHICAGO, IL 60657	16-07-321-021-1001 CHARLES H STADE 405 S MAPLE AV #1 OAK PARK, IL 60302
16-18-126-021-1010 CHARLES NORMAN 727 S MAPLE AV 203 OAK PARK, IL 60304	15-13-215-013-0000 CHARLES W HUNTER 7205 JACKSON BLVD FOREST PARK, IL 60130	16-07-324-033-1015 CHARLOTTE MCPHERSON 1003 N MAPLETON OAK PARK, IL 60302
15-13-214-024-0000 CHERYL SELEY 7227 JACKSON BLVD FOREST PARK, IL 60130	16-07-322-040-1004 CHERYLE KENNELLY 430 N MAPLE AV GNS OAK PARK, IL 60302	15-12-435-032-1051 CHICAGO TITLE LAND TRU 1100 LAKE ST STE 165 OAK PARK, IL 60301
16-07-323-038-0000 CHICAGO TITLE TRUSTEE 1000 MADISON OAK PARK, IL 60302	15-12-435-030-0000 CHICAGOLAND ST RETAIL P O BOX 3666 OAK BROOK, IL 60522	16-07-324-033-1021 CHRISTIAN JACKSON 238 LENOX AVE ALBANY, NY 12208
16-07-323-049-1024 CHRISTIAN LIMJOCO 1025 W WASHINGTON #301 OAK PK, IL 60302	16-07-322-061-1027 CHRISTINA GIRGIS 425 S WISCONSIN #3E OAK PARK, IL 60302	16-07-322-029-0000 CHRISTINA YU 1934 NOTTINGHAM LANE WHEATON, IL 60189

15-13-207-017-0000 CHRISTINE JUMAOAS 435 S HARLEM AVE FOREST PARK, IL 60130	16-07-323-049-1003 CHRISTOPHER A ROBINSON 1019 WASHINGTON BLVD OAK PARK, IL 60302	16-18-105-001-0000 CHRISTOPHER DANIEL 500 S CLINTON OAK PARK, IL 60304
16-07-322-061-1030 CHRISTOPHER DOWLING 425 WISCONSIN AVE#3E OAK PK, IL 60302	16-18-111-015-0000 CHRISTOPHER HAHS 609 WENONAH AVE OAK PARK, IL 60304	15-12-435-032-1055 CHRISTOPHER J DRU 7243 MADISON FOREST PARK, IL 60130
15-12-435-032-1018 CHRISTOPHER JENSEN 95 FRESNO CT NAPERVILLE, IL 60540	15-12-435-028-1003 CHRISTOPHER RAMOLEY 7243 W MADISON 304 FOREST PARK, IL 60130	16-18-114-002-0000 CHRISTOPHER SHEEAN 604 S CLINTON AV OAK PARK, IL 60304
16-07-324-033-1054 CHRISTOPHER THOMAS 430 HOME AV 305 S OAK PARK, IL 60302	16-18-114-005-0000 CHRISTOPHER WALSH 616 S CLINTON OAK PARK, IL 60304	16-07-323-049-1036 CHRISTY MOCH 1029 WASHINGTON 301 OAK PARK, IL 60302
15-13-206-020-0000 CHRLES M WOODBURY 419 ELGIN AVE FOREST PARK, IL 60130	15-12-435-032-1029 CHUCK LEE 1917 N 74TH AV ELMWOOD, IL 60707	15-13-215-005-0000 CIRCLE MANAGEMENT 421 S OAK PK AVE OAK PARK, IL 60302
15-13-224-042-1013 CLARENCE MCNUTT 7212 W JACKSON FOREST PARK, IL 60130	16-07-322-040-1008 CLARENCE W JACKSON 428 S MAPLE AV P 1 OAK PARK, IL 60302	16-07-321-020-1003 CLARK BRANTLEY 415 MAPLE AV 301 OAK PARK, IL 60302
16-07-322-040-1003 CLAUDIA B HARRIS 3N 428 S MAPLE AV OAK PARK, IL 60302	16-07-324-033-1020 CLAUDIA MORENO 420 S HOME OAK PARK, IL 60302	16-07-321-021-1007 CLIFFORD D DREWEK 405 S MAPLE AVE #7 OAK PARK, IL 60302
15-13-215-017-1002 COLE TAYLOR BK #2268 850 W. JACKSON BLVD CHICAGO, IL 60607	15-12-435-029-1003 COLE TAYLOR BK TR#3025 850 W. JACKSON BLVD CHICAGO, IL 60607	16-07-324-033-1014 COLIN A BOGAN 2716 WHITCHURCH ST NAPERVILLE, IL 60564
16-18-100-015-0000 COM ED THREE LINCOLN CTR 4TH OAKBROOK TER, IL 60181	15-12-436-030-0000 CONNIE J CALVIN 7220 WASHINGTON ST B FOREST PARK, IL 60130	16-18-109-031-0000 COOK SHAH 641 S MAPLE #1 OAK PARK, IL 60304
16-18-119-024-0000 CORY SHANNON BURKE 700 WISCONSIN AVE OAK PARK, IL 60304	16-07-321-020-1019 CRAIG MOLLY RANDALL 703 S PARKSIDE AVE ELMHURST, IL 60126	16-18-105-009-0000 CRAIG R TAYLOR 526 CLINTON AVE OAK PARK, IL 60304

16-18-120-022-0000 CREED PIATKIEWICZ 727 HOME AVE OAK PARK, IL 60304	15-13-206-042-1012 CRYSTAL ANN GROMALA 7225 ADAMS ST APT 2 FOREST PARK, IL 60130	16-18-103-001-0000 CURRENT OWNER TAXPAYER 1015 MADISON ST OAK PARK, IL 60302
16-07-323-101-0000 CURTIS L BOLDEN 1020 MADISON ST OAK PARK, IL 60302	15-12-436-005-0000 D T DEMAS 316 ELGIN AVE FOREST PARK, IL 60130	16-07-322-061-1011 D DAY 419 WISCONSIN 2W OAK PARK, IL 60302
16-18-119-017-0000 D EMANO P GARCIA ALO 717 WENONAH AVE OAK PARK, IL 60304	16-18-111-016-0000 D HICKEY S DAYTON 611 WENONAH OAK PARK, IL 60304	16-07-323-083-0000 D J HIRSEN 1027 LINCOLN TRAIL OAK PARK, IL 60302
16-18-119-015-0000 D KEELING 709 WENONAH AVE OAK PARK, IL 60304	16-18-126-021-1006 DAIN ANDERSON 115 S EAST AVE OAK PARK, IL 60302	16-07-324-033-1052 DALI SAMPADA 430 HOME AVE 303 S OAK PARK, IL 60302
16-07-324-033-1006 DAN DEGRUIN 420 HOME AVE #106N OAK PARK, IL 60302	16-07-322-061-1026 DANA DAHLBERG 425 WISCONSIN #2W OAK PARK, IL 60302	16-18-114-006-0000 DANA STAWSKI 620 S CLINTON OAK PARK, IL 60304
15-13-215-007-0000 DANIEL A D JONES 516 ELGIN AV FOREST PARK, IL 60130	16-18-109-022-1015 DANIEL M KERNAN 6128 ROOSEVELT RD #19 OAK PARK, IL 60304	15-13-206-006-0000 DANIEL MORONEY 708 N MARION OAK PARK, IL 60302
16-07-323-078-0000 DANIEL R BOURGEOIS 422 PENNSYLVANIA WAY OAK PARK, IL 60302	16-18-120-008-0000 DANIEL REINHOLDT 724 WENONAH OAK PARK, IL 60304	16-07-323-055-1018 DANIEL T BANDOLA 1041 SUSAN COLLINS LN OAK PARK, IL 60302
16-18-114-001-0000 DANIELLE PIERRO 600 CLINTON AV OAK PARK, IL 60304	16-07-323-051-1006 DANITA COOPER 406 S WISCONSIN 102 OAK PARK, IL 60302	16-07-324-033-1005 DAPHNE M HAMBY 420 HOME AVE APT 105N OAK PARK, IL 60302
16-18-109-022-1017 DARIUS BUSKUS 621 S MAPLE AVE 303 OAK PARK, IL 60304	16-18-112-007-0000 DAVID AMANDA OSTA 833 N ROCKWELL #2 CHICAGO, IL 60622	16-18-111-004-0000 DAVID KATHLEEN BURNA 608 WISCINSIN AV OAK PARK, IL 60304
15-13-224-042-1004 DAVID A BROCK 600 ELGIN AVE 1B FOREST PARK, IL 60130	16-07-322-061-1007 DAVID DIAZ 2158 N ROCKWELL CHICAGO, IL 60647	16-07-323-067-0000 DAVID EBLEN 1302 SHELLBARK COURT WASHINGTON, IL 61571

16-07-322-027-0000 DAVID FASANO 10 N DEARBORN ST #900 CHICAGO, IL 60602	16-07-322-061-1032 DAVID H DAY 419 WISCONSIN AVE #2W OAK PARK, IL 60302	16-18-113-004-0000 DAVID HEINZMANN 620 S HOME AVE OAK PARK, IL 60304
15-13-207-028-1006 DAVID HSIA 858 BRAINTREE LN BARTLET, IL 60103	16-07-323-063-0000 DAVID L DORIA 1028 MADISON ST OAK PARK, IL 60302	16-18-111-003-0000 DAVID L PERRY 606 WISCONSIN OAK PARK, IL 60304
16-07-324-033-1049 DAVID MEI EREAN MEI 249 SOUTH BLVD APT 2E OAK PARK, IL 60302	16-18-120-001-0000 DAVID POTTERVELD 700 WENONAH AV OAK PARK, IL 60304	16-18-112-001-0000 DAVID R WINANS 602 WENONAH AV OAK PARK, IL 60304
16-18-111-009-0000 DAVID SHANK 626 WISCONSIN OAK PARK, IL 60304	15-12-435-032-1019 DAWN RADVANSKY 7243 MADISON #222 FOREST PK, IL 60130	16-07-324-033-1039 DEANNA FRASSON 430 HOME AV 110 S OAK PARK, IL 60302
16-07-322-061-1025 DEANNA R DEMARCO 371 N KENILWORTH AV ELMHURST, IL 60126	16-07-321-020-1020 DEBORAH REZAI 415 S MAPLE #703 OAK PARK, IL 60302	15-12-436-007-0000 DEENADAYAL GADDAM 178 MAPLE ST HILLSIDE, IL 60162
16-07-324-033-1004 DEFFIE WYNN 420 HOME AV 104N OAK PARK, IL 60302	16-18-110-017-0000 DELILAH BURROWES 621 WISCONSIN AV OAK PARK, IL 60304	15-12-436-011-0000 DEMETRIOS BRILLAKAS 2959 S DOWNING WESTCHESTER, IL 60154
15-12-436-032-0000 DENISE DESPRES 7222 B WASHINGTON BLVD FOREST PARK, IL 60130	15-13-206-042-1019 DENISE KUSTERS 7229 ADAMS #3 FOREST PARK, IL 60130	16-18-105-011-0000 DENNIS F TRYBUS 532 S CLINTON AV OAK PARK, IL 60304
16-18-103-019-0000 DENNIS GRAYSON 533 HOME AV OAK PARK, IL 60304	16-07-321-020-1006 DENNIS NEVILLE 415 S MAPLE #801 OAK PARK, IL 60302	16-07-322-038-1003 DEWAYNE RICHARDSON 440 S MAPLE 1S OAK PARK, IL 60302
16-07-323-043-1009 DIANA PIEDLOW 425 S HOME AV #1K OAK PARK, IL 60302	16-07-324-033-1033 DIANNA LAWRENCE 430 HOME AV 104 S OAK PARK, IL 60302	16-07-323-047-1008 DIEGO ANDRES DI BELLA 413 HOME AVE #4A OAK PARK, IL 60302
16-18-111-006-0000 DILIP J PARIKH 616 WISCONSIN AV OAK PARK, IL 60304	15-12-435-032-1054 DINA BASCHARON 7243 MADISON#411 FOREST PARK, IL 60130	15-13-224-042-1002 DINAH RICHMOND 7216 JACKSON CM FOREST PARK, IL 60130

16-18-118-003-0000 DOLORES B PROKO 708 S MAPLE AV OAK PARK, IL 60304	15-12-435-032-1015 DON MEYER TR 7243 MADISON #218 FOREST PARK, IL 60130	16-07-323-050-1001 DONALD MARY MCVICKER 437 S HOME AV 1N OAK PARK, IL 60302
16-07-324-033-1013 DONALD S CHILDS 420 S HOME AVE 204N OAK PARK, IL 60302	16-07-323-051-1007 DONALD C MINAS 406 S WISCONSIN OAK PARK, IL 60302	16-07-323-091-0000 DONNA DAGUANNO 1018 BALDWIN LN OAK PARK, IL 60302
16-18-109-022-1010 DORIS ROBINSON 621 S MAPLE AVE#203 OAK PARK, IL 60304	16-07-324-033-1028 DORIS WOHLGEMUTH 5060 N MARINE DR #C3 CHICAGO, IL 60640	16-07-323-049-1021 DOROTHY BRADY 1025 WASHINGTON 1B OAK PARK, IL 60302
16-07-323-047-1010 DOROTHY I JACKSON 413 S HOME AV 4C OAK PARK, IL 60302	15-12-435-032-1048 DOUGLAS R CAHILL 7243 MADISON ST #405 FOREST PARK, IL 60130	16-18-120-009-0000 DOUGLAS REBECCAS ZOBEL 728 WENONAH OAK PARK, IL 60304
15-13-206-019-0000 DOUGLAS WACO 529 WESLEY AVE OAK PARK, IL 60304	16-07-323-055-1002 DR BRIAN VICUNA 102 1041 SUSAN COLLINS LN OAK PARK, IL 60302	15-13-213-021-0000 E J K A COLLINS 525 MARENGO FOREST PK, IL 60130
16-18-119-025-0000 EDDIE BUTCHER 704 WISCONSIN AV OAK PARK, IL 60304	15-13-214-016-0000 EDELTRAUS ROZNOS 525 ELGIN AVE FOREST PARK, IL 60130	16-18-112-009-0000 EDUARDO SANDOVAL 624 S WENONAH AV OAK PARK, IL 60304
15-13-214-022-0000 EDWARD A HOSTY 7233 JACKSON BLVD FOREST PARK, IL 60130	16-18-104-006-0000 EDWARD HATTERSLEY 534 HOME AV OAK PARK, IL 60304	16-18-110-020-0000 EDWARD M DUTHALER 633 S WISCONSIN OAK PARK, IL 60304
16-18-109-026-0000 EDWARD OBRIEN 641 S MAPLE #D OAK PARK, IL 60304	15-12-435-032-1007 EDWARD STEC JR 7243 MADISON ST #207 FOREST PARK, IL 60130	16-07-323-090-0000 EDWIN HARRIS 1020 BALDWIN LN OAK PARK, IL 60302
15-13-206-042-1009 ELBA SALINAS 7223 W ADAMS ST #2 FOREST PARK, IL 60130	16-18-113-013-0000 ELI SCHULTZ 621 CLINTON AVE OAK PARK, IL 60304	16-07-322-062-1006 ELISA BOVO 426 S MAPLE AVE 3S OAK PARK, IL 60302
16-18-112-025-1001 ELISE M RIGHEIMER 632 WENONAH #1N OAK PARK, IL 60304	16-07-323-049-1018 ELIZABETH A MAREK 1023 W WASHINGTON #302 OAK PARK, IL 60302	16-07-324-033-1003 ELIZABETH CHAVATAL 420 S HOME AVE 103N OAK PK, IL 60302

16-07-322-061-1006 ELIZABETH TYLER 417 WISCONSIN AV #3W OAK PARK, IL 60302	16-07-321-020-1018 ELIZABETH WADE 415 S MAPLE #503 OAK PARK, IL 60302	16-18-103-006-0000 ELIZABETH ZALUBA 5901 N ST LOUIS AVE CHICAGO, IL 60659
16-18-112-008-0000 ELLEN GORIN 622 WENONAH OAK PARK, IL 60304	16-18-126-021-1007 ELLEN HINES 449 N ELMWOOD AV WOODDALE, IL 60191	16-07-322-062-1007 ELLEN M ROBINSON 424 S MAPLE AV 3N OAK PARK, IL 60302
16-07-323-049-1020 ELLIOTT SETH TRAVIS 1025 WASHINGTON 101 OAK PARK, IL 60302	16-07-323-049-1012 ELOISE SHUMPERT 1021 WASHINGTON BLVD OAK PARK, IL 60302	15-12-435-032-1017 EMILY J TRUETT 303 S TAYLOR AVE OAK PARK, IL 60302
15-13-206-041-1004 EMMITT WILLIAMS 416 MARENGO 4 FOREST PARK, IL 60130	15-12-435-029-1008 ERAN MEIR 604 CLINTON PLACE RIVER FOREST, IL 60305	16-07-323-004-0000 ERIC OLSON 416 WISCONSIN AVE OAK PARK, IL 60302
16-07-323-055-1015 ERIC THOMPSON 1041 SUSAN COLLINS LAN OAK PARK, IL 60302	16-18-112-018-0000 ERIK KELLEY 617 HOME AVE OAK PARK, IL 60304	15-13-213-020-0000 ERIK ROBERT HOLLANDER 521 MARENGO AVENUE FOREST PARK, IL 60130
16-07-323-051-1016 ERIK WISE 410 S WISCONSIN AV 503 OAK PARK, IL 60302	16-07-323-043-1027 ESTHER MEDINA 425 HOME AVE 3G OAK PARK, IL 60302	15-12-436-016-0000 EUGENE ANANDAPPA 1446 FRANKLIN AVE RIVER FOREST, IL 60305
16-18-120-021-0000 EVAN JANELL BOLDEN 725 HOME AVE OAK PARK, IL 60304	16-07-324-033-1044 EVELYN D RICHARDSON 430 S HOME 205S OAK PARK, IL 60302	16-07-323-047-1003 EVELYN J COLEMAN 413 S HOME 2B OAK PARK, IL 60302
16-07-323-085-0000 F A HUGHES 1022 BALDWIN LN OAK PARK, IL 60302	16-18-119-018-0000 F A NATKEVICIUS 723 WENONAH AVE OAK PARK, IL 60304	16-07-323-043-1014 F DE AVILA 425 HOME AVE 2-D OAK PARK, IL 60302
16-07-323-047-1005 F HARRIS 413 HOME AVE 3A OAK PARK, IL 60302	15-13-215-017-1010 FADY GAIED 7202 W ADAMS ST #10 FOREST PARK, IL 60130	16-07-323-080-0000 FAIR LEE 1033 LINCOLN TRAIL OAK PARK, IL 60302
16-07-323-050-1005 FAN ZHANG 437 HOME #3N OAK PK, IL 60302	16-07-323-049-1025 FANCHEN LI 1025 WASHINGTON BLVD OAK PARK, IL 60302	16-07-323-046-1002 FELIPE MORALES 428 WISCONSIN 2N OAK PARK, IL 60302

16-07-322-024-0000 FELLOWSHIP CHRISTIAN 1106 MADISON OAK PARK, IL 60302	16-18-104-017-0000 FIRST CHICAGO2115 955 MADISON ST OAK PARK, IL 60302	16-07-323-055-1006 FLAVIAAN K CHU 1041 SUSAN COLLINS LN OAK PARK, IL 60302
16-07-321-020-1016 FLOR LUCERO 415 MAPLE AVE #303 OAK PARK, IL 60302	15-12-436-041-0000 FOREST PARK HOLDINGS 520 W. ERIE ST. #430-E CHICAGO, IL 60654	15-12-435-028-1002 FOREST PLACE ASSN 316 MARENGO FOREST PARK, IL 60130
15-13-215-016-0000 FORTRESS REI PO BOX 427 WESTERN SPRG, IL 60558	16-07-323-052-1003 FRANCES J JAEGER 424 WISCONSIN 3 OAK PARK, IL 60302	16-07-321-020-1002 FRANK G SLOCUMB 1405 SHEPHERD DR NAPERVILLE, IL 60565
15-13-206-003-0000 FRANK J CALDERONE 749 MORRIS AV HILLSIDE, IL 60162	16-18-121-007-0000 FRANK J MURIELLO 701 S CLINTON AV OAK PARK, IL 60304	16-18-111-025-0000 FRANK POSPISIL 625 WENONAH AVE OAK PARK, IL 60304
16-18-112-022-0000 FRANK WILLIAM ZANDREW 631 HOME AV OAK PARK, IL 60304	15-12-435-028-1017 FUTURE INVESTMENT GR 101 WASHINGTON #112 GRAND HAVEN, MI 49417	16-07-324-033-1047 G H WALKES 430 S HOME OAK PARK, IL 60302
15-12-435-029-1007 GAGIK MIKAELIAN 313 ELGIN AVE 203 FOREST PK, IL 60130	16-18-111-024-0000 GARY E RAND 635 WENONAH AV OAK PARK, IL 60304	15-13-224-042-1009 GAVIN ENGEL 415 S DORCHESTER AVE WHEATON, IL 60187
16-07-322-040-1001 GENEVIEW GRIMES GANDAL 428 S MAPLE AVE 1N OAK PARK, IL 60302	16-18-118-010-0000 GEORGE JANET YANOS 701 WISCONSIN OAK PARK, IL 60304	16-07-321-021-1003 GEORGE A VERGARA 405 S MAPLE #3 OAK PARK, IL 60302
16-07-323-055-1005 GERALD STERLING 1041 SUSAN COLLINS 203 OAK PARK, IL 60302	15-13-214-003-0000 GERHARD HOFMANN 508 MARENGOAV FOREST PARK, IL 60130	16-07-322-038-1007 GINA C SANCHEZ 1173 S CLARENCE AVE OAK PARK, IL 60304
16-18-103-005-0000 GINO LUCHETTI 1009 W MADISON OAK PARK, IL 60302	16-07-322-061-1040 GIOVANNI CALLAVITA 60 N MAIN ST GLEN ELLYN, IL 60137	15-12-435-029-1005 GJANETO HARUSHA 814 ANCHORS WAY TARPON SPGS, FL 34689
16-07-323-048-1006 GLENDA DRUNGOLE 405 S HOME 106 OAK PARK, IL 60302	16-07-324-033-1012 GLENDA L CLARK 420 HOME AV OAK PARK, IL 60302	15-13-214-008-0000 GLENN RAINES 530 MARENGO AV FOREST PARK, IL 60130

15-13-207-028-1001  
GLORIA ROBINSON  
424 ELGIN AV 1  
FOREST PARK, IL 60130

15-12-435-032-1012  
GRACE GEOGHEGAN  
7243 MADISON ST 215  
FOREST PARK, IL 60130

16-07-322-062-1002  
GREGORY D JOHNSON  
424 S MAPLE ST 1N 426  
OAK PARK, IL 60302

16-18-109-022-1006  
GREGORY PERDOMO  
621 S MAPLE 106  
OAK PARK, IL 60304

15-13-224-042-1044  
GRETCHEN DUFFIN  
19650 SCARTH LN  
MOKENA, IL 60448

15-12-435-032-1023  
GREZEGORZ DEPTUCH  
7243 W MADISON #303  
FOREST PARK, IL 60130

16-07-323-043-1015  
H FAN Q XU  
425 S HOME 2E  
OAK PARK, IL 60302

16-07-321-015-0000  
H GIURINI  
2524 NOTINGHAM  
NAPERVILLE, IL 60565

16-07-323-056-0000  
HAO ZHANG  
1044 SUSAN COLLINS LN  
OAK PARK, IL 60302

16-18-103-015-0000  
HD COLLIER/ W SHERMAN  
515 S HOME AV  
OAK PARK, IL 60304

16-18-103-021-1002  
HEIDI ANN PACE  
512 S WENONAH 2N  
OAK PARK, IL 60304

16-07-323-049-1028  
HEIDI R ADAMS 201  
1027 W WASHINGTON BLVD  
OAK PARK, IL 60302

15-13-207-028-1007  
HELEN SANDERS  
424 ELGIN #7  
FOREST PARK, IL 60130

16-18-113-003-0000  
HELEN V KOSSLER  
614 S HOME AV  
OAK PARK, IL 60304

15-12-436-038-0000  
HOFFMAN BELL  
7228B WASHINGTON  
FOREST PARK, IL 60130

16-07-323-055-1012  
HOME FIRST ILLINOIS LL  
1 N LASALLE ST #700  
CHICAGO, IL 60602

16-07-322-040-1012  
HOWARD R KAUFMAN  
428 S MAPLE AV P 5  
OAK PARK, IL 60302

16-07-322-061-1018  
HSU CHUN NI  
24340 BROAD CREEK DR  
HOLLYWOOD, MD 20636

16-18-110-006-0000  
HTA RUSH LLC  
16435 N SCOTTSDALE RD  
SCOTTSDALE, AZ 85254

16-07-323-051-1003  
HUI WEN WANG  
408 WISCONSIN AVE 401  
OAK PARK, IL 60302

16-18-109-024-0000  
HYAN WON PEAK  
641 S MAPLE AVE  
OAK PARK, IL 60304

16-18-111-010-0000  
IAN CHRISTINE  
630 S WISCONSIN AV  
OAK PARK, IL 60304

16-07-322-061-1020  
IANA O VERES  
423 S WISCONSIN AVE 2W  
OAK PARK, IL 60302

15-13-206-041-1007  
IRENA S GOLDBERG  
416 MARENGO APT 7  
FOREST PARK, IL 60130

16-07-323-099-0000  
IRVIN TASHA BROWN  
1016 MADISON ST  
OAK PARK, IL 60302

16-18-119-006-0000  
IRVIN CERNAUSKAS  
712 S WISCONSIN  
OAK PARK, IL 60304

16-18-111-017-0000  
J E LAMSZUS  
613 WENONAH AVE  
OAK PARK, IL 60304

16-07-323-005-0000  
J E MARTIN  
420 WISCONSIN  
OAK PARK, IL 60302

15-13-206-015-0000  
J M O ORIORDAN  
436 MARENGO AVE  
FOREST PARK, IL 60130

16-07-322-053-0000  
J N KIRCHMAN  
407 A WISCONSIN AVE  
OAK PARK, IL 60302



16-18-118-006-0000 J RENEE F PORTER 720 S MAPLE AVE OAK PARK, IL 60304	16-18-111-001-0000 J BATTISTO 600 S WISCONSIN OAK PARK, IL 60304	15-13-214-007-0000 J CHRISTELL 526 MARENGO AVE FOREST PARK, IL 60130
15-12-435-032-1013 J D M R SORENSEN 7243 W MADISON ST FOREST PK, IL 60130	15-12-435-032-1038 J GARIPPO 7243 W MADISON ST#318 FOREST PARK, IL 60130	16-07-323-043-1023 J H BOWERSMITH 425 HOME AVE#3C OAK PARK, IL 60302
16-18-113-014-0000 JACK A TRAFICANO 625 S CLINTON OAK PARK, IL 60304	16-07-323-049-1016 JAGGEN L FARWELL 202 1023 WASHINGTON BLVD OAK PARK, IL 60302	16-07-322-021-0000 JAMES NETSA COSMOS 1116 W MADISON ST OAK PK, IL 60302
15-12-435-032-1020 JAMES B ADAMIK 339 THATCHER RIVER FOREST, IL 60305	16-18-119-020-0000 JAMES C HOEFLINGER 727 WENONAH AV OAK PARK, IL 60304	16-18-126-021-1004 JAMES CLAYTON 21405 ROYAL ST GEORGES LEESBURG, FL 34748
16-18-104-002-0000 JAMES E MORRIS 512 HOME AVE OAK PARK, IL 60304	16-18-103-021-1003 JAMES E WHITE JR 512 WENONAH #3N OAK PARK, IL 60304	15-13-206-042-1004 JAMES HEYWARD MURRAY 216 S MAPLE AV OAK PARK, IL 60302
16-07-321-021-1005 JAMES M CHILTON 405 S MAPLE #5 OAK PARK, IL 60302	16-18-120-018-0000 JAMES R MIECZKOWSKI 717 HOME AVE OAK PARK, IL 60304	16-07-321-021-1006 JAMES REDDEN 405 S MAPLE AVE OAK PARK, IL 60302
16-18-113-009-0000 JAMES SCHUMACKER 609 S CLINTON OAK PARK, IL 60304	16-18-111-012-0000 JAMES W RITTER 601 WENONAH OAK PARK, IL 60304	15-12-435-032-1061 JAMES WATTS 545 BELOIT AVE FOREST PARK, IL 60130
16-07-322-061-1005 JANA PROKOP 547 N LOMBARD OAK PARK, IL 60302	16-07-323-052-1005 JANE A BAKER 145 E UNION ST SENECA, IL 61360	16-07-323-047-1002 JANE MICENHAMER 413 S HOME AV 2A OAK PARK, IL 60302
16-18-103-021-1005 JANE STANSELL 514 S WENONAH AV OAK PARK, IL 60304	16-07-323-043-1008 JANET H HANNIGAN 425 S HOME #1H OAK PK, IL 60302	16-07-324-033-1035 JANET M HAY 6040 W PATTERSON CHICAGO, IL 60634
16-07-323-055-1007 JANIE M HORTON 1041 SUSAN COLLINS#205 OAK PARK, IL 60302	16-07-323-046-1003 JARED L KOLINEK 428 WISCONSIN AVE 3N OAK PARK, IL 60302	16-07-322-056-0000 JASON ALISA MCLELLAN 407 WISCONSIN AVE D OAK PARK, IL 60302

16-18-126-021-1014 JASON BIANCO 2322 9TH AVE N RIVERSIDE, IL 60546	15-13-215-017-1006 JASON FAIVRE 2526 N 74TH AVE APT 1 ELMWOOD PARK, IL 60707	16-18-120-025-0000 JASON VROUSTOURIS C 714 WENONAH AVE OAK PARK, IL 60304
16-07-323-043-1024 JAUIER F HAGGAR 425 S HOME 3D OAK PARK, IL 60302	16-07-322-061-1014 JAY M MCINERNEY 421 WISCONSIN 1 OAK PARK, IL 60302	15-13-207-028-1003 JEAN BOUCHETTE 424 ELGIN AVE #3 FOREST PARK, IL 60130
15-13-207-010-0000 JEAN E PENFOUND 7203 ADAMS ST FOREST PARK, IL 60130	15-12-435-032-1016 JEANNE S BLOCH 7243 MADISON #219 FOREST PARK, IL 60130	16-07-322-040-1002 JEANNINE TURNER 428 S MAPLE OAK PARK, IL 60302
16-18-112-013-0000 JEFFREY BEZAIR 605 S HOME AV OAK PARK, IL 60304	16-18-112-019-0000 JEFFREY EVANS 621 HOME AVE OAK PARK, IL 60304	16-07-323-053-1003 JEFFREY GREENBERG 414 WISCONSIN AV C OAK PARK, IL 60302
16-07-323-055-1011 JEFFREY MICHAEL STURGE 2846A N FRATNEY ST MILWAUKEE, WI 53212	15-13-206-042-1007 JEFFREY SITKOWSKI 7221 W ADAMS FOREST PK, IL 60130	16-07-323-084-0000 JEFFREY SWANO 1024 BALDWIN LN OAK PARK, IL 60302
16-07-324-033-1040 JENNIFER CAMACHO CATRA 430 HOME AVE #201S OAK PARK, IL 60302	16-18-120-014-0000 JENNIFER CONNOR 707 HOME AVE OAK PARK, IL 60304	15-13-206-042-1016 JENNIFER HYATT 7227 WEST ADAMS #3 FOREST PARK, IL 60130
16-18-111-023-0000 JENNIFER PACKHEISER 629 S WENONAH AV OAK PARK, IL 60304	15-12-435-032-1034 JEREMIAH ZELASKIEWICZ 815 N HARVEY AVE OAK PARK, IL 60302	15-13-206-023-0000 JEROME P CASEY 431 ELGIN AVE FOREST PARK, IL 60130
15-13-207-026-0000 JERRY H STENDER 7200 MADISON ST FOREST PARK, IL 60130	15-13-224-042-1027 JERRY S KRZAKK 600 ELGIN AV 3B FOREST PARK, IL 60130	15-12-435-032-1059 JESSICA SITTIG 7243 MADISON ST 416 FOREST PARK, IL 60130
15-13-215-017-1001 JESSIE YARBOUGH 7200 ADAMS ST APT 1 FOREST PARK, IL 60130	16-07-321-020-1005 JEWAN ANNETTE GANESH 415 S MAPLE 501 OAK PARK, IL 60302	16-07-323-008-0000 JG FALLOW 432 S WISCONSIN AV OAK PARK, IL 60302
16-18-109-022-1001 JHMAC VENTURES LLC 2145 VALENCIA DR NORTHBROOK, IL 60062	16-07-322-040-1006 JIAN ZHANG 430 S MAPLE AV 2S OAK PARK, IL 60302	16-18-126-021-1020 JIANG LU LI MENG 727 S MAPLE AVE #306 OAK PARK, IL 60304

16-07-323-043-1006 JILLIAN KARL 425 S HOME AV 1F OAK PARK, IL 60302	16-07-323-049-1035 JOAN BUFALINO 1029 WASHNGTN BLVD 202 OAK PARK, IL 60302	16-18-118-012-0000 JOAN CHOW 711 WISCONSIN AVE OAK PARK, IL 60304
16-18-113-015-0000 JOAN GEOGHEGAN 629 S CLINTON AV OAK PARK, IL 60304	15-13-207-009-0000 JOAN L FILBIN 225 S SCOVILLE OAK PARK, IL 60302	16-07-323-048-1008 JOAN MARIE MOSS 405 S HOME #201 OAK PARK, IL 60302
16-07-323-047-1009 JOANN LEWANDOWSKI 413 S HOME #4-B OAK PARK, IL 60302	16-18-112-025-1002 JOANNE LIBFELD 634 WENONAH AV #1S OAK PARK, IL 60304	15-12-435-032-1039 JOEY F VICENTE 7243 MADISON FOREST PARK, IL 60130
16-07-322-049-0000 JOHN APRIL NICHOLSON 413 WISCONSIN UNIT E OAK PARK, IL 60302	16-18-112-021-0000 JOHN B BOKUM JR 629 HOME OAK PARK, IL 60304	16-07-322-038-1004 JOHN BITOY 438 S MAPLE OAK PARK, IL 60302
16-07-323-051-1012 JOHN C ANDERSON 7313 W GREENLEAF AVE CHICAGO, IL 60631	16-18-111-014-0000 JOHN COOPER 607 S WENONAH OAK PARK, IL 60304	16-18-111-019-0000 JOHN DAGNON 619 S WENONAH AV OAK PARK, IL 60304
15-13-224-042-1005 JOHN DAMBROGIO 720 S DEARBORN #806 CHICAGO, IL 60605	16-18-110-019-0000 JOHN F DICKENS 117 N KENILWORTH OAK PARK, IL 60301	15-12-435-032-1021 JOHN GORNY MARIE SMITH 7243 MADISON ST #301 FOREST PARK, IL 60130
15-13-206-018-0000 JOHN H MCCONACHIE II 448 S MARENGO FOREST PARK, IL 60130	16-18-103-014-0000 JOHN LILLIS P O BOX 1186 OAK PARK, IL 60304	16-18-119-026-0000 JOHN M JOHNSON 706 WISCONSIN AVE OAK PARK, IL 60304
16-07-321-021-1010 JOHN M QUINN 405 S MAPLE AVE 10 OAK PARK, IL 60302	16-07-322-038-1001 JOHN RANDLE 440 S MAPLE AV G1 OAK PARK, IL 60302	15-13-215-014-0000 JOHN S KENDALL 7201 JACKSON BLVD FOREST PARK, IL 60130
16-18-109-022-1007 JOSEFINA FERNANDEZ 621 S MAPLE AVE 200 OAK PARK, IL 60304	16-18-126-021-1018 JOSEFINA HOLMES P O BOX 1352 OAK PARK, IL 60304	15-13-207-003-0000 JOSEPH A HART 414 ELGIN AVE FOREST PARK, IL 60130
16-18-119-007-0000 JOSEPH NANCY WEMHOFF 714 S WISCONSIN OAK PARK, IL 60304	15-13-224-042-1025 JOSEPH E SMAILIA 602 S ELGIN A3 FOREST PARK, IL 60130	15-12-435-028-1009 JOSEPH HICKS JR 5339 W BELMONT AVE CHICAGO, IL 60641

15-12-435-028-1028 JOSEPH J HICKS 1146 FOREST AVE RIVER FOREST, IL 60305	15-12-436-035-0000 JOSEPH MCDONALD 7226 WASHINGTON ST #A FOREST PARK, IL 60130	16-07-324-033-1029 JOSEPH R STEWART 420 N HOME AV 310 OAK PARK, IL 60302
16-07-323-088-0000 JOSEPH W LIEDTKE 1019 LINCOLN TRL OAK PARK, IL 60302	15-13-206-041-1006 JOSEPHINE M MARTIN 7432 HARRISON ST FOREST PARK, IL 60130	16-18-118-011-0000 JOSHUA MEGHANN MOSES 705 WISCONSIN AVE OAK PARK, IL 60304
16-07-324-033-1038 JOY CHRISTOPHER 430 S HOME AV 109S OAK PARK, IL 60302	15-13-215-011-0000 JOYCE GRADEL 915 S OAK PARK AVE#3C OAK PARK, IL 60304	16-18-114-009-0000 JP MORGAN CHASE NA 10151 DEERWOOD PK BLVD JACKSONVILLE, FL 32256
16-07-322-061-1035 JUAN F LUQUE 417 WISCONSIN #2W OAK PARK, IL 60302	16-07-322-061-1004 JUAN LUQUE 2507 HARRIMAN LN #2 REDONDO BCH, CA 90278	16-18-104-016-0000 JUANITA C DYSON 401 W LAKE ST NORTHLAKE, IL 60164
16-18-104-005-0000 JUDITH HANNA 530 S HOME AV OAK PARK, IL 60304	16-07-322-061-1022 JUDITH LANDGREBE 1377 ALBERTA CT GLENDALE HTS, IL 60139	16-07-322-043-1005 JULIA S JOHNSON 429 WISCONSIN AVE#3 OAK PARK, IL 60302
16-07-323-104-0000 JULIA TATE 1022 ALEXANDER LN OAK PK, IL 60302	15-13-214-011-0000 JULIE HERWITT 505 ELGIN AV FOREST PARK, IL 60130	15-12-436-026-0000 JULIN GLENN ADAMS 7216 WASHINGTON ST B FOREST PARK, IL 60130
16-07-323-052-1002 JUNISA BRIMA 424 WISCONSIN 2N OAK PK, IL 60302	16-07-323-049-1032 JUNKO YOSHIDA 1029 W WASHINGTON 101 OAK PARK, IL 60302	16-07-322-058-0000 K A NEWELL 407 S WISCONSIN AVE OAK PARK, IL 60302
16-18-103-013-0000 K T SANDSCHAFFER 532 WENONAH OAK PARK, IL 60304	15-13-213-017-0000 K BERRY K MARGETSON 509 MARENGO AVE FOREST PARK, IL 60130	16-07-323-048-1003 K GASIUNAS 336 S KENILWORTH 2 OAK PARK, IL 60302
16-07-323-048-1018 K GOMORCZAK 405 S HOME AVE 304 OAK PARK, IL 60302	16-07-324-033-1025 K GOUDIS 420 S HOME #306N OAK PARK, IL 60302	16-18-104-004-0000 K KAWAMURA 522 S HOME OAK PARK, IL 60304
16-07-323-106-0000 K W KANG 8 1018 ALEXANDER LN OAK PARK, IL 60302	16-07-324-033-1037 KANKAKEE FED SVGS BK 430 HOME AV 108 S OAK PARK, IL 60302	16-07-323-049-1017 KAORU KOKUNE 1023 W WASHINGTON 301 OAK PARK, IL 60302

15-12-435-038-0000 KAREN COLEMAN 309 ELGIN AVENUE # B FOREST PARK, IL 60130	16-18-109-022-1020 KAREN FOGG 621 S MAPLE #306 OAK PARK, IL 60304	16-07-324-033-1032 KARIME JIMENEZ 430 HOME AV 103S OAK PARK, IL 60302
16-07-323-066-0000 KARL FRANTZ 1032 ALEXANDER LN OAK PARK, IL 60302	16-07-323-081-0000 KARLA DAVIS 1031 LINCOLN TRL OAK PARK, IL 60302	16-18-103-018-0000 KAROLY CSICSAI 529 HOME AVE OAK PARK, IL 60304
15-12-435-032-1053 KATHERINE A SOUTHWORTH 7243 MADISON ST#410 FOREST PARK, IL 60130	16-07-323-107-0000 KATHERINE WASSON 1015 BALDWIN LN 10 OAK PARK, IL 60302	15-13-215-002-0000 KATHERYN KENNEDY PO BOX 573 FOREST PARK, IL 60130
16-18-112-025-1004 KATHLEEN RUSSELL 634 WENONAH AVE #2S OAK PARK, IL 60304	15-13-214-017-0000 KATHY L MEADE 529 ELGIN AV FOREST PARK, IL 60130	16-07-321-020-1013 KATIE HOFFMAN 211 WASHINGTON #106 HARICON, WI 53032
15-12-435-032-1035 KATIE ORESAR 4731 SARATOGAAVE DOWNERS GROV, IL 60515	16-07-323-049-1009 KAY M GRAY 1021 WASHINGTON 201 OAK PARK, IL 60302	16-07-323-064-0000 KELLER ZIMMERMAN 1026 MADISON ST OAK PARK, IL 60302
15-12-435-032-1065 KELLY GUHL STORE P O BOX 5962 RIVER FOREST, IL 60305	16-07-322-061-1009 KELLY MURRAY 419 WISCONSIN #1W OAK PARK, IL 60302	15-12-436-008-0000 KELLY S FONDOW 328 ELGIN AVE FOREST PK, IL 60130
16-07-323-052-1006 KENNETH DEGORI 426 WISCONSIN UNIT #3 OAK PARK, IL 60302	16-07-323-047-1004 KEUNPOONG LIM 413 S HOME AV 2C OAK PARK, IL 60302	16-07-322-055-0000 KEVIN KARI MCCARTHY 407 WISCONSIN AVE C OAK PARK, IL 60302
16-18-122-001-0000 KEVIN TERRA SCHULTZ 700 S CLINTON OAK PARK, IL 60304	16-18-112-016-0000 KEVIN FOX 611 S HOME AVE OAK PARK, IL 60304	15-13-214-013-0000 KEVIN HIBBITTS 513 ELGIN AV FOREST PARK, IL 60130
16-18-126-021-1009 KEVIN OCHALLA 727 S MAPLE #202 OAK PARK, IL 60304	15-12-435-032-1014 KEVIN R KELLY 7243 MADISON #217 FOREST PARK, IL 60130	15-12-435-037-0000 KEVIN R. CONNOLLY 309 ELGIN AVENUE # A FOREST PARK, IL 60130
16-18-113-005-0000 KEVIN S BECK 626 HOME AVE OAK PARK, IL 60304	16-07-322-043-1004 KEVIN SORBY 847 CLINTON AVE OAK PARK, IL 60304	16-07-323-043-1021 KIM TOKARZ 425 HOME AVE #3A OAK PARK, IL 60302

16-07-323-043-1013 KIMBERLY JACKSON 425 S HOME AV 2C OAK PARK, IL 60302	15-12-436-039-0000 KIMBERLY WHITE 8230 W WASHINGTON A FOREST PARK, IL 60130	16-07-321-020-1012 KIRSTEN PFEIFFER 415 S MAPLE #602 OAK PARK, IL 60302
15-12-435-032-1037 KONSTANTIN SLAVIN 7243 MADISON #317 FOREST PARK, IL 60130	16-07-322-061-1017 KRIS KERTGEN 423 WISCONSIN 1E OAK PARK, IL 60302	16-07-323-049-1015 KRISTA KONECKI 933 DIVISION ST OAK PARK, IL 60302
16-07-323-051-1004 KRISTINA STOJACK 410 WISCONSIN 501 OAK PARK, IL 60302	15-13-207-028-1011 KRYSTYNA BOGDANOWICZ 424 ELGIN AV UNIT 11 FOREST PK, IL 60130	16-07-323-048-1007 KRYSTYNA PANEK 405 S HOME AVE 107 OAK PARK, IL 60302
16-07-323-043-1005 KYOKO OGATA 425 S HOME AVE #1E OAK PARK, IL 60302	16-18-109-022-1019 L M KARLIN 621 S MAPLE AV 305 OAK PARK, IL 60304	15-12-435-032-1043 L M PRIETO 7243 W MADISON 323 FOREST PARK, IL 60130
16-18-111-005-0000 L S RICHARDSON 612 WISCONSIN AV OAK PARK, IL 60304	16-07-323-053-1001 L BACON M SIPORIA 414 WISCONSIN AVE #1 OAK PARK, IL 60302	16-07-321-020-1004 L BROWN 415 S MAPLE AVE #401 OAK PARK, IL 60302
16-18-114-003-0000 L MEDGYESY KLOBUCHAR 608 S CLINTON AVE OAK PARK, IL 60304	16-18-109-022-1018 LANLAN DONG 1180 S CUYLER AVE OAK PARK, IL 60304	15-13-224-042-1003 LARGENTERPRISES LLC 1142 S RIDGELAND AVE OAK PARK, IL 60304
16-18-111-007-0000 LARRY RITSERT 620 S WISCONSIN OAK PARK, IL 60304	16-07-322-040-1007 LAUR A SENDIK 430 S MAPLE AVE 3S OAK PARK, IL 60302	16-07-323-043-1028 LAURA ROBIN STERN 425 S HOME AVE 3H OAK PK, IL 60302
15-12-435-017-0000 LAURA E BRITTINGHAM 331 ELGIN AVE FOREST PK, IL 60130	16-18-109-035-0000 LAURA HSIEH 641 S MAPLE AVE #M OAK PARK, IL 60304	16-07-322-062-1005 LAURA KLIEWER FOSTER 424 S MAPLE ST 2N 426 OAK PARK, IL 60302
16-07-324-033-1007 LAURA RIZZARDINE 420 S HOME AV 107N OAK PARK, IL 60302	15-12-435-032-1042 LAVERNE A THOMPSON 7243 MADISON #322 FOREST PARK, IL 60130	15-13-206-029-0000 LBS MANAGEMENT LLC 721 ONTARIO ST 212 OAK PARK, IL 60302
16-18-119-009-0000 LEONARD BROWN 722 WISCONSIN AVE OAK PARK, IL 60304	15-13-207-011-0000 LEONARD KARLIN 7201 ADAMS ST FOREST PARK, IL 60130	16-07-323-046-1001 LEONARD MATTSON 428 S WISCONSIN 1N OAK PARK, IL 60302

15-13-207-008-0000 LES FORGUE 7209 ADAMS STREET FOREST PARK, IL 60130	16-07-323-077-0000 LESLIE SANCHEZ 424 PENNSYLVANIA WAY OAK PARK, IL 60302	16-07-323-048-1016 LIAN CAI 405 S HOME AVE #302 OAK PARK, IL 60302
15-12-435-028-1005 LIANG WU 316 MARENGO #2B FOREST PARK, IL 60130	16-18-103-021-1004 LIDIYA MOLITOR 514 WENONAH AVE APT 1S OAK PARK, IL 60304	16-18-109-022-1014 LILIAN C LUNA 17051 S CREIGHTON DR LOCKPORT, IL 60441
15-12-435-032-1049 LILLIAN C SUH 7243 MADISON ST #406 FOREST PARK, IL 60130	16-07-322-061-1016 LINDA FREEMAN 421 WISCONSIN AVE #3 OAK PARK, IL 60302	16-18-118-004-0000 LINDA M MARCANGELO 712 S MAPLE AV OAK PARK, IL 60304
16-07-323-052-1001 LINDA SHAFRAN 424 WISCONSIN 1N OAK PARK, IL 60302	16-07-323-046-1004 LINDA T FRANCIS 430 S WISCONSIN OAK PARK, IL 60302	16-07-323-043-1020 LOISTENE RAY 425 HOME AV #2J OAK PARK, IL 60302
16-07-323-043-1026 LORETTA J SCHULZE 425 HOME AV #3F OAK PARK, IL 60302	15-13-207-005-0000 LUIS A MOLINA 418 ELGIN AV FOREST PARK, IL 60130	16-07-324-033-1057 LUIS PALACIO 3942 N CLARENDON AVE3N CHICAGO, IL 60613
16-18-104-009-0000 LYNN ALLEN 511 S CLINTON AV OAK PARK, IL 60304	16-07-323-082-0000 LYNNE C FOSTER 1029 LINCOLN TRAIL OAK PARK, IL 60302	16-18-103-012-0000 M A K CHESTA 4902 N ROCKWELL CHICAGO, IL 60625
16-18-113-008-0000 M HOROWITZ S POOLE 605 CLINTON AVE OAK PARK, IL 60304	16-18-104-013-0000 M LUPTAK R BARBATO 525 S CLINTON AV OAK PARK, IL 60304	16-18-110-008-0000 M WEIK 12395 626 S MAPLE AV OAK PARK, IL 60304
16-07-322-045-0000 M.KENTTAYLOR K GARMES 413 WISCONSIN UNIT B OAK PARK, IL 60302	16-18-126-021-1003 MADHU S GUPTA 16989 EDGEWATER LN HUNGTGN BCH, CA 92649	15-13-207-001-0000 MADISON ELGIN MGMT 410 ELGIN AVE B FOREST PARK, IL 60130
15-12-435-032-1008 MADISON STREET COMMONS 211 WAUKEGAN RD #220 NORTHFIELD, IL 60093	16-07-323-086-0000 MAN HAN 1023 LINCOLN TRAIL OAK PARK, IL 60302	16-07-324-033-1048 MARCIA A TAYLOR 430 HOME AV 209 S OAK PARK, IL 60302
16-07-323-055-1016 MARCO LEMONCELLO 1041 SUSAN COLLINS 404 OAK PARK, IL 60302	16-07-322-061-1019 MARCY WHITE 423 WISCONSIN AVE OAK PARK, IL 60302	15-12-435-032-1045 MARGARET M CALLAGHAN 7243 W MADISON 402 FOREST PARK, IL 60130

16-18-104-015-0000 MARGARET S BUDZ 531 S CLINTON AV OAK PARK, IL 60304	16-07-323-048-1002 MARGARITA MOSIER 405 S HOME AVE #102 OAK PARK, IL 60302	15-12-436-027-0000 MARGIE N JOHNSON 7218A WASHINGTON FOREST PARK, IL 60130
16-07-323-043-1019 MARIA ALMA ALVARADO 530 S OAK PARK AVE OAK PARK, IL 60304	16-07-323-048-1004 MARIA RZASA 405 S HOME 104 OAK PARK, IL 60302	15-13-224-042-1006 MARIE LANDGREBE 7214 JACKSON #1D FOREST PARK, IL 60130
16-07-322-054-0000 MARILLYN E MCMANUS 407 WISCONSIN AVE #B OAK PARK, IL 60302	16-07-324-033-1050 MARILYN AVERY 430 S HOME UNIT 301 OAK PARK, IL 60302	16-07-323-043-1012 MARILYN HAYES 425 S HOME AV 2B OAK PARK, IL 60302
16-18-103-021-1006 MARK WENDY DUMONSKI 514 S WENONAH AVE #3S OAK PARK, IL 60304	16-18-120-019-0000 MARK GRUDZINSKI 719 HOME AVE OAK PARK, IL 60304	16-07-323-100-0000 MARK KOHLRUS R CHEN 1018 MADISON ST OAK PK, IL 60302
16-18-114-008-0000 MARK M JOHNSON 628 CLINTON AV OAK PARK, IL 60304	15-13-206-042-1013 MARK ROBERT SMITH 7225 ADAMS ST #3 FOREST PARK, IL 60130	15-12-435-032-1047 MARK SUSTE 7243 MADISON ST #404 FOREST PARK, IL 60130
15-12-436-023-0000 MARK WEISBERG 7214 A WASHINGTON FOREST PARK, IL 60130	15-13-206-038-0000 MARK ZINNI 428 MARENGO #1E FOREST PARK, IL 60130	16-18-103-021-1001 MARTIN KOLAR 512 S WENONAH 1N OAK PARK, IL 60304
16-07-323-048-1011 MARVIN E MORENO 239 N MILL RD 103A ADDISON, IL 60101	15-12-435-006-0000 MARY BETH FISCHER 320 MARENGO AV FOREST PARK, IL 60130	16-07-323-079-0000 MARY CATHERINE SMITH 420 PENNSYLVANIA WAY OAK PARK, IL 60302
15-12-435-032-1062 MARY DISOMMA DPM 1100 LAKE ST #248 OAK PARK, IL 60301	15-12-435-032-1056 MARY L PRIGNANO 7243 MADISON ST #413 FOREST PK, IL 60130	16-07-324-033-1026 MARY MARYLAND 420 HOME AV 307 N OAK PARK, IL 60302
16-18-111-008-0000 MARY R BARTH 622 S WISCONSIN OAK PARK, IL 60304	16-07-323-043-1029 MARY R JOSHI 425 HOME AVE 3K OAK PARK, IL 60302	16-07-324-033-1008 MARYCELIE PORRATA 420 HOME AVE #109N OAK PARK, IL 60302
16-07-322-050-0000 MASSIMO P DI PIERRO 413 S WISCONSIN #C OAK PARK, IL 60302	15-13-206-028-0000 MATT SULLIVAN 7244 W MADISON FOREST PARK, IL 60130	15-12-435-032-1011 MATTHEW DUSZKA 7243 W MADISON ST #212 FOREST PARK, IL 60130



15-12-435-035-0000 MATTHEW J SANKOVITCH 317 ELGIN AVE FOREST PK, IL 60130	16-07-322-061-1023 MATTHEW METOYER 1909 HOWARD ST WHEATON, IL 60187	16-18-105-007-0000 MATTHEW MEYER 520 CLINTON AVE OAK PARK, IL 60304
16-18-112-015-0000 MATTHEW TUSHMAN 609 S HOME AV OAK PARK, IL 60304	15-13-215-009-0000 MATTHEW W GIFFORD 532 ELGIN AV FOREST PARK, IL 60130	16-07-322-038-1002 MAUREEN E HENDRON 438 S MAPLE 1N OAK PARK, IL 60302
15-12-435-032-1044 MAUREEN MURPHY 7243 MADISON ST #401 FOREST PARK, IL 60130	16-07-324-033-1059 MAUREEN OROURKE 430 HOME AV 310 S OAK PARK, IL 60302	16-07-323-049-1010 MAUREEN STEINDER 1636 N 75TH COURT ELMWOOD, IL 60707
15-12-435-032-1052 MEI W KESSLER 7243 MADISON ST#409 FOREST PARK, IL 60130	16-07-323-050-1004 MELISSA FONTANA 439 HOME AVE #2S OAK PARK, IL 60302	16-07-324-033-1058 MELLISSA SEMP 430 HOME AV 309 S OAK PARK, IL 60302
16-07-323-051-1015 MELVIN LOFTON 306 IROQUORIS RD HILLSIDE, IL 60162	16-18-109-030-0000 MERYDITH BUER 641 S MAPLE #H OAK PARK, IL 60304	16-07-323-051-1009 MIA MOOREHEAD 480 WISCONSIN AVE CHICAGO, IL 60614
15-13-215-017-1009 MICAHA B GLEASON 7202 W ADAMS ST #9 FOREST PARK, IL 60130	16-07-322-061-1008 MICHAEL B HAAS 419 WISCONSIN #1E OAK PARK, IL 60302	16-18-105-010-0000 MICHAEL KAREN FARIS 530 S CLINTON AV OAK PARK, IL 60304
16-18-113-006-0000 MICHAEL WENDY GOODE P O BOX 11574 MARINA DELRE, CA 90295	16-18-103-020-0000 MICHAEL A BERGER 535 S HOME AV OAK PARK, IL 60304	16-18-109-007-0000 MICHAEL BASSETT 625 S MAPLE AV OAK PARK, IL 60304
16-18-120-004-0000 MICHAEL D BRIGHAM 708 WENONAH AVE OAK PARK, IL 60304	15-12-435-011-0000 MICHAEL E WILLIAMS 305 ELGIN AVE FOREST PK, IL 60130	16-18-112-025-1003 MICHAEL ENGELS 632 WNONAH AVE APT 2N OAK PARK, IL 60304
15-13-213-018-0000 MICHAEL F O CONNER 513 MARENGO AV FOREST PARK, IL 60130	16-07-322-057-0000 MICHAEL FIORINO 407 WISCONSIN AV #E OAK PARK, IL 60302	16-18-103-009-0000 MICHAEL G BELANGER 516 WENONAH AV OAK PARK, IL 60304
16-18-120-017-0000 MICHAEL J EGGER 715 HOME AVE OAK PARK, IL 60304	16-07-323-087-0000 MICHAEL J STAWARSKI 1021 LINCOLN TRL OAK PARK, IL 60302	16-07-323-049-1026 MICHAEL J TOMASELLI 1027 W WASHINGTON BLVD OAK PARK, IL 60302

15-13-214-014-0000 MICHAEL JACKSIC 517 ELGIN AVE FOREST PARK, IL 60130	16-07-322-043-1001 MICHAEL LI 729 HEATH CT WESTMONT, IL 60559	16-07-323-068-0000 MICHAEL LINTVELT 1028 ALEXANDER LN OAK PARK, IL 60302
15-13-213-016-0000 MICHAEL LYONS 505 MARENGO AV FOREST PARK, IL 60130	16-07-321-022-1001 MICHAEL MANZO 409 S MAPLE AVE 1 OAK PK, IL 60302	16-07-323-048-1005 MICHAEL R WILLIS 600 S TAYLOR AVE OAK PARK, IL 60304
16-18-114-007-0000 MICHAEL SCOTT BOWKER 624 CLINTON AVE OAK PARK, IL 60304	16-07-323-048-1012 MICHAEL WILLIS 405 HOME AVE APT 205 OAK PARK, IL 60302	16-07-321-022-1004 MICHAEL MANZO 2811 W 35TH STREET OAK BROOK, IL 60523
16-18-104-011-0000 MICHELLE ANDERSON 519 S CLINTON AV OAK PARK, IL 60304	16-07-321-021-1004 MIDLAND IRA 1634827 770 W GLADYS 405 CHICAGO, IL 60661	16-07-322-028-0000 MIDWEST BANK 1100 W MADISON ST OAK PARK, IL 60302
15-12-435-032-1041 MIGUEL A B IMBERT 7243 W MADISON #321 FOREST PARK, IL 60130	16-07-324-023-0000 MIGUEL FUENTES SALGADO 1744 N 38TH ST STONE PARK, IL 60165	16-18-105-006-0000 MIMI V D LEDEN 516 S CLINTON OAK PARK, IL 60304
16-07-321-020-1009 MINEVA VALDES 8723 S MERRIMAC AV OAK LAWN, IL 60453	16-07-324-033-1027 MINJA MARKUS 420 HOME AVE 308N OAK PARK, IL 60302	15-13-206-041-1002 MIROSLAW WLODOWSKI 416 MARENGO AV 2 FOREST PARK, IL 60130
16-07-323-058-0000 MITCHELL JEAN KENOIAN 1040 SUSAN COLLINS LN OAK PARK, IL 60302	15-12-435-032-1032 MOHAMED B YALA 38 PENTWATER DR S BARRINGTON, IL 60010	16-07-322-048-0000 MONTY GREGOR 413 S WISCONSIN AV D OAK PARK, IL 60302
15-12-435-032-1010 MR MRS BASALI 27739 S WOODLAND RD PEPPER PIKE, OH 44124	15-13-224-042-1008 MUFFADAL FARIDA SIMBA 641 W 58TH ST WESTMONT, IL 60559	16-07-322-023-0000 MUNEER BAIG 4137 N PONTIAC AV CHICAGO, IL 60634
15-13-214-002-0000 MURRAY TRUST 504 MARENGO AV FOREST PARK, IL 60130	16-18-109-034-0000 MYRON REED 2271 W MALVERN AVE 411 FULLERTON, CA 92833	16-07-323-049-1011 N D PIEART 1021 W WASHINGTON#301 OAK PARK, IL 60302
16-07-322-062-1001 N HICKEY 426 S MAPLE 1S OAK PARK, IL 60302	16-07-323-051-1010 N MUSILLAMI 410 S WISCONSIN#502 OAK PARK, IL 60302	15-13-205-031-0000 NANCY JURISEVIC 814 RED STABLE WAY OAK BROOK, IL 60523

16-07-323-049-1008 NANCY OBRIEN 1021 W WASHINGTON 102 OAK PARK, IL 60302	16-07-322-016-0000 NEAL J GORDON 433 WISCONSIN AV OAK PARK, IL 60302	16-18-109-008-0000 NEIL OCONNOR 240 GALE AV RIVER FOREST, IL 60305
16-07-324-033-1034 NGOZI CHUK EZIKE 814 HILLBERRY CT LA GRANGE, IL 60525	15-12-435-010-0000 NICHOLAS V SCIMECA 301 ELGIN AVE FOREST PARK, IL 60130	16-18-112-014-0000 NICK KAIT WEIDENBACH 607 HOME OAK PARK, IL 60304
16-07-323-071-0000 NISHANT SRINIVASAN 1029 BALDWIN LN OAK PARK, IL 60302	16-18-109-009-0000 NORBERTO JOYA 1043 S CLINTON OAK PARK, IL 60304	15-13-206-041-1005 NORTH SHORE HOLDINGS 6859 W BELMONT AVE CHICAGO, IL 60634
16-18-126-021-1015 O YASHAN 727 S MAPLE AVE 301 OAK PARK, IL 60304	15-13-206-039-0000 OAK DEV GRP INC 5807 N W CIRCLE AVE CHICAGO, IL 60631	16-18-100-008-0000 OAK PARK HOSPITAL 520 S MAPLE AV OAK PARK, IL 60304
16-07-324-033-1002 OAK PARK PLACE L.L.C. 420-430 S HOME OAK PARK, IL 60302	16-18-126-021-1012 OING LIN YONGJUN LI 727 S MAPLE AV 205 OAK PARK, IL 60304	16-07-323-049-1004 OLGA TOPITGES 1019 WASHINGTON 2B OAK PARK, IL 60302
16-07-323-054-0000 OUXIANG CHEN 1046 SUSAN COLLINS OAK PK, IL 60302	16-18-126-021-1019 OWENS VIVIAN 727 S MAPLE AV 305 OAK PARK, IL 60304	16-07-323-055-1017 P C SAMIKKANNU 15 BLUE PINE CIRCLE PENFIELD, NY 14526
15-13-207-028-1010 P M JOHNSON SR 424 ELGIN 10 FOREST PARK, IL 60130	15-12-435-032-1026 P C NOVAK 7243 MADISON ST 306 FOREST PK, IL 60130	15-12-435-008-0000 P J CAPRI 1960 BELLEVIEW WESTCHESTER, IL 60154
16-18-114-004-0000 P SCHMIDT/R GIULIETTI 610 S CLINTON AVE OAK PARK, IL 60304	16-07-322-033-0000 PACIANO R EBARVIA SR 1715 N 74TH CT ELMWOOD PARK, IL 60707	15-13-207-004-0000 PAKISTANI DESCENT PHYS 6412 S CASS AVE WESTMONT, IL 60559
15-13-206-042-1008 PAMELA HARTZ YOELIN 7223 W ADAMS FOREST PARK, IL 60130	15-13-207-028-1005 PAT ALLISON OLSEN 424 ELGIN AV 5 FOREST PARK, IL 60130	16-07-323-102-0000 PAT DERRICK JOHNSON 1022 MADISON OAK PARK, IL 60302
16-07-324-033-1017 PATRICE HOUSTON 1219 PANINI HENDERSON, NV 89052	16-07-323-094-0000 PATRICIA A RUSH 427 CHESTNUT LN OAK PARK, IL 60302	16-07-323-049-1027 PATRICIA MORROW 1027 W WASHINGTON BLVD OAK PARK, IL 60302

16-07-323-033-0000 PATRICIA WEBBER 429 HOME AVENUE OAK PARK, IL 60302	15-13-206-016-0000 PATRICK MARY HAUGH 438 MARENGO AV FOREST PARK, IL 60130	15-12-436-006-0000 PATRICK J CERCEO 421 S OAK PARK AVE OAK PARK, IL 60302
15-12-435-007-0000 PATRICK M DALTON 324 MARENGO AVE FOREST PARK, IL 60130	15-13-205-025-0000 PATTIYAL LUKOSE 1001 ELGIN FOREST PARK, IL 60130	15-13-224-042-1020 PAUL MCGRAW 7407 MADISON ST #2 FOREST PARK, IL 60130
15-13-214-006-0000 PAUL PHILLIPS 520 S MARENGO FOREST PARK, IL 60130	16-07-322-061-1013 PAUL QUANBECK 419 S WISCONSIN AVE 3W OAK PARK, IL 60302	16-18-103-010-0000 PAUL R KRESSIN 520 WENONAH AV OAK PARK, IL 60304
16-07-323-043-1004 PEGGY RUTH MINNICK 425 S HOME 1D OAK PARK, IL 60302	16-07-322-038-1005 PERLA LONDRES 440 S MAPLE AV 2S OAK PARK, IL 60302	16-18-105-003-0000 PERRY VIETTI 508 S CLINTON AVE OAK PK, IL 60304
16-18-119-016-0000 PETER H GEAGATY 715 WENONAH AVE OAK PARK, IL 60304	15-13-214-023-0000 PETER MARGARET KRYGER 7231 JACKSON BLVD FOREST PARK, IL 60130	16-07-323-092-0000 PHILIP BURTON 1016 BALDWIN LN OAK PARK, IL 60302
16-07-323-043-1003 PHYLLIS ADAMS 425 S HOME 1C OAK PARK, IL 60302	16-07-324-033-1045 PHYLLIS J VELEZ 430 S HOME AV #206 OAK PARK, IL 60302	15-12-435-028-1004 PRIYANKER S BALEKAI 316 MARENGO #2A FOREST PARK, IL 60130
16-18-119-019-0000 PULSE USA INC 159 N MARION ST #357 OAK PARK, IL 60301	15-13-224-042-1001 QADREE HOLMES 600 ELGIN AVE #GB FOREST PARK, IL 60130	15-13-205-021-0000 R E OCONNELL 435 MARENGO AVE FOREST PARK, IL 60130
16-18-112-017-0000 R E PARENTI 615 S HOME AVENUE OAK PARK, IL 60304	16-18-103-017-0000 R P WHITEHOUSE 525 HOME OAK PARK, IL 60304	16-07-321-020-1008 R ARMSTRONG D GRIFFI 415 S MAPLE #202 OAK PARK, IL 60302
16-07-323-049-1019 R AUGSPURGER 1025 W WASHINGTON G OAK PARK, IL 60302	15-13-205-030-0000 R COX 419 S MARENGO AV FOREST PARK, IL 60130	16-18-109-022-1016 R GANGE D ANDERSON 621 S MAPLE AVE 302 OAK PK, IL 60304
16-07-323-034-0000 R PICKRELL E PELOQUIN 431 S HOME AVE OAK PARK, IL 60302	16-18-126-021-1005 RACHELL HARRINGTON PO BOX 1274 N RIVERSIDE, IL 60546	16-07-321-022-1011 RAFFAELE AMBROSINO 156 E CRESCENT AVE ELMHURST, IL 60126

16-07-321-022-1009 RALPH AMBROSINO 409 S MAPLE UNIT 9 OAK PARK, IL 60302	16-18-103-004-0000 RAMEZAN BEIKZADEH PO BOX 1006 OAK PARK, IL 60304	16-18-112-023-0000 RANDAL G BIRKEY 635 S HOME OAK PARK, IL 60304
16-07-322-061-1024 RANDALL GALLAGHER 425 WISCONSIN AV #1W OAK PARK, IL 60302	16-07-324-020-0000 RANDALL W SMITH 425 S CLINTON OAK PARK, IL 60302	16-18-118-013-0000 RANDY KAREN GILLET 715 S WISCONSIN OAK PARK, IL 60304
16-07-323-048-1014 RASMUSSEN VOGEL 405 HOME AVE #207 OAK PARK, IL 60302	15-13-215-015-0000 RAUL VILLALOBOS 1620 W 18TH ST CHICAGO, IL 60608	16-07-323-043-1022 RAYMOND P GUMM 425 S HOME AV 3B OAK PARK, IL 60302
15-12-436-036-0000 REAL ESTATE TAXPAYER 7226 WASHINGTON #B FOREST PARK, IL 60130	16-07-324-033-1056 REGINA EARNEST 430 HOME AVE #307S OAK PARK, IL 60302	16-07-324-019-0000 RENE HA ADRIAN 421 S CLINTON OAK PARK, IL 60302
16-07-323-043-1016 RENE POPE 425 HOME AVE OAK PARK, IL 60302	16-07-323-075-0000 RENEE HARTZ 1032 BALDWIN LN OAK PARK, IL 60302	16-18-119-005-0000 RHODA BENSON 708 S WISCONSIN OAK PARK, IL 60304
16-07-323-061-0000 RHONDA STUART 1034 SUSAN COLLINS LN OAK PARK, IL 60302	15-12-435-032-1027 RICARDO MACIAS 7243 MADISON ST 307 FOREST PARK, IL 60130	16-07-323-048-1013 RICH MARGARET WILLIS 600 S TAYLOR AV OAK PARK, IL 60304
16-18-121-001-0000 RICHARD MARIAN FRENDR 700 S HOME AV OAK PARK, IL 60304	16-07-323-053-1004 RICHARD HERMAN 414 WISCONSIN D OAK PARK, IL 60302	15-13-206-024-0000 RICHARD KOTT 435 ELGIN FOREST PARK, IL 60130
16-18-105-004-0000 RICHARD L FRYREAR 512 S CLINTON AVE OAK PARK, IL 60304	16-18-119-008-0000 RICHARD NEWMRK 718 S WISCONSIN OAK PARK, IL 60304	16-07-323-096-0000 RICHARD R FLOERSCH 423 CHESTNUT LN OAK PARK, IL 60302
16-18-105-005-0000 RICHARD S NIED 514 CLINTON AV OAK PARK, IL 60304	15-13-214-001-0000 RICHARD VITTON 500 MARENGO AV FOREST PARK, IL 60130	16-07-324-033-1042 RIGEN MO XUEMEI YU 430 S HOME AVE #203S OAK PARK, IL 60302
15-13-206-041-1001 RITA GAWRYLISZYN 416 MARENGO AV 1 FOREST PARK, IL 60130	16-07-323-043-1001 RITA LOMBARDO 425 HOME AVE #1A OAK PARK, IL 60302	16-18-111-018-0000 ROBERT ANNE FRUEH 617 WENONAH AVE OAK PK, IL 60304

16-07-323-048-1015 ROBERT T RHOTEN 604 HANNAH AVE FOREST PARK, IL 60130	16-18-118-005-0000 ROBERT B EDLUND 716 S MAPLE AV OAK PARK, IL 60304	15-12-435-032-1066 ROBERT C FISCHER 7243 MADISON ST #423 FOREST PARK, IL 60130
16-18-118-014-0000 ROBERT C SAAM 719 WISCONSIN AVE OAK PARK, IL 60304	16-18-113-001-0000 ROBERT J LARSON 600 S HOME AV OAK PARK, IL 60304	16-18-120-007-0000 ROBERT J MCANDREWS 716 WENONAH OAK PARK, IL 60304
16-18-104-012-0000 ROBERT K MARSHALL 521 CLINTON AV OAK PARK, IL 60304	16-18-110-009-0000 ROBERT REINERT 630 S MAPLE OAK PK, IL 60304	15-13-207-015-0000 ROBERT T PETREY 438 ELGIN AV FOREST PARK, IL 60130
16-07-323-072-0000 ROBERT WALSH 1026 BALDWIN LN OAK PARK, IL 60302	15-13-214-026-0000 ROBERTO RUBIO 7219 JACKSON BLVD FOREST PARK, IL 60130	16-18-111-011-0000 ROBIN M SPENCER 632 WISCONSIN AVE OAK PARK, IL 60304
16-07-323-049-1006 ROBIN R ROBINSON 1019 W WASHINGTON #302 OAK PARK, IL 60302	16-07-322-061-1015 ROBIN STICHA 421 WISCONSIN AV #2 OAK PARK, IL 60302	16-07-324-033-1030 ROCHELLE GARDNER 430 S HOME AV #101 S OAK PARK, IL 60302
15-12-435-033-0000 ROGER D WILSON 317 ELGIN AV #A FOREST PARK, IL 60130	15-12-435-036-0000 ROGER WILSON 317 ELGIN AVE UNIT A FOREST PARK, IL 60130	16-07-324-033-1055 ROHIT NARINGREKAR 430 S HOME AVE #303S OAK PARK, IL 60302
16-07-323-043-1018 RON MCCLOUD 425 S HOME AV 2H OAK PARK, IL 60302	16-18-109-022-1012 RON SCHWAB 205 621 S MAPLE OAK PARK, IL 60304	16-18-104-010-0000 RONALD ANDERSON 515 CLINTON AV OAK PARK, IL 60304
16-18-109-022-1005 RONALD DEYRO 621 S MAPLE AVE #105 OAK PARK, IL 60304	16-18-105-002-0000 RONALD GRIMAUD 504 CLINTON OAK PARK, IL 60304	16-18-109-032-0000 RONITHA MAHARAJ 641 S MAPLE AVE OAK PARK, IL 60304
16-07-323-055-1009 ROSA M PALACIOS 302 PO BOX 803400 CHICAGO, IL 60680	16-07-323-048-1009 ROSE BARRACO 405 S HOME AV #202 OAK PARK, IL 60302	15-12-436-025-0000 ROSEMARY E SZURKO 7216 WASHINGTON #A FOREST PARK, IL 60130
16-07-323-057-0000 RUPESH A PATEL 640 S STOUGH ST HINSDALE, IL 60521	16-18-100-002-0000 RUSH OAK PARK HOSPITAL 520 S MAPLE OAK PARK, IL 60304	16-18-120-015-0000 RUSSELL A GLIDDEN 709 HOME AVE OAK PARK, IL 60304

15-13-207-028-1009 RUSSELL CONTE 424 ELGIN AV #9 FOREST PARK, IL 60130	16-18-119-014-0000 RUSSELL R HENCINSKI 707 WENONAH AVE OAK PARK, IL 60304	16-07-321-020-1015 RUSSELL WARREN 415 S MAPLE OAK PARK, IL 60302
16-18-109-022-1002 RUTH BASS 621 S MAPLE #101 OAK PARK, IL 60304	16-18-103-011-0000 RYAN BEACOM 524 S WENONAH OAK PARK, IL 60304	15-12-435-032-1050 RYAN MCGINNIS 7243 W MADISON ST #407 FOREST PARK, IL 60130
15-13-224-042-1018 RYAN P KEARNS 7214 W JACKSON #3D FOREST PK, IL 60130	16-07-323-093-0000 S R JONES 1014 BALDWIN LN OAK PARK, IL 60302	16-07-322-044-0000 S C CAMPBELL 413 WISCONSIN AVE 413A OAK PARK, IL 60302
16-07-323-070-0000 SAJAN TIN THOMAS 1031 BALDWIN LN OAK PARK, IL 60302	16-07-323-048-1019 SAMIA ATGAZZAR 405 S HOME AV 305 OAK PARK, IL 60302	16-18-126-021-1017 SAMIA GAZZAR PO BOX 1315 OAK PARK, IL 60304
16-18-109-022-1004 SAMUEL JUNNA 621 S MAPLE AV #104 OAK PARK, IL 60304	16-07-323-043-1017 SANDRA BORZYM 425 HOME AVE #2G OAK PARK, IL 60302	15-13-215-017-1004 SANDRA OLIVA 3747 W 56TH PLACE CHICAGO, IL 60629
16-07-322-059-0000 SANDY MAGANA 407 WISCONSIN #G OAK PARK, IL 60302	16-07-322-061-1021 SARA NOLTE 423 WISCONSIN #3E OAK PARK, IL 60302	15-12-435-032-1058 SARAH DANIEL FLYNN 7243 MADISON ST #415 FOREST PARK, IL 60130
16-18-109-002-0000 SARAH L GEE 605 S MAPLE OAK PARK, IL 60304	15-12-436-037-0000 SARITA SMITH CHILDS 7228 A WASHINGTON FOREST PARK, IL 60130	16-07-321-020-1014 SCHWANA WILLIAMS 103 415 S MAPLE AV OAK PARK, IL 60302
16-07-323-076-0000 SCHWARTZERS VITALE 426 PENNSYLVANIA WAY OAK PARK, IL 60302	16-07-323-050-1003 SCOTT DIXON 100 CHIPPOAKS DR CHAPEL HILL, NC 27514	16-07-322-043-1006 SCOTT FOSTER 431 WISCONSIN #3 OAK PARK, IL 60302
15-13-206-021-0000 SCOTT LEHMAN 423 ELGIN AV FOREST PARK, IL 60130	16-07-323-053-1005 SCOTT OSMAN 414 WISCONSIN AVE #E OAK PARK, IL 60302	16-18-112-002-0000 SEAN D MURRAY 604 WENONAH AVE OAK PK, IL 60304
15-12-436-033-0000 SEMYON USHOMIRSKY 7224 WASHINGTON BLVD A FOREST PARK, IL 60130	16-07-323-055-1019 SHANNON L SMITH 504 1041 W SUSAN COLLINS OAK PK, IL 60302	15-13-206-022-0000 SHARISSA PURNELL 427 ELGIN AVE FOREST PARK, IL 60130

15-13-205-027-0000 SHARON DALY 447 MARENGO AV FOREST PARK, IL 60130	15-13-206-041-1003 SHARON FAERBER 416 MARENGO AV #3 FOREST PARK, IL 60130	16-07-323-043-1030 SHEILA M SULLIVAN 425 S HOME AVE OAK PARK, IL 60302
15-13-205-020-0000 SHELLEY BAGRI 431 MARENGO FOREST PARK, IL 60130	15-12-436-029-0000 SHEREE GILMORE 7220 WASHINGTON ST A FOREST PARK, IL 60130	16-07-323-095-0000 SHI CHENG 425 CHESTNUT LN OAK PARK, IL 60302
16-18-112-010-0000 SHIN YUMIKO SANO 32 CROCKER AVENUE PIEDMONT, CA 94611	15-12-436-024-0000 SHIRLEY IRVIN 7214 B WASHINGTON FOREST PARK, IL 60130	16-18-109-025-0000 SHIVA R KRISHNAN 641 S MAPLE C OAK PARK, IL 60304
16-07-323-047-1007 SHRIRANG ABHYANKAR 413 HOME AVE 3C OAK PARK, IL 60302	16-18-126-021-1013 SIDNEY A ROWAN 727 S MAPLE AV 206 OAK PARK, IL 60304	16-07-323-051-1011 SIMI FASEHUN 1005 DES PLAINES AVE FOREST PARK, IL 60130
16-07-322-061-1028 SIXU HU 425 WISCONSIN AVE #3W OAK PARK, IL 60302	15-13-206-004-0000 SLOBODAN IVANOVIC 7232 MADISON ST FOREST PARK, IL 60130	15-13-207-028-1004 STACEY BASS 424 S ELGIN 4 FORREST PK, IL 60130
16-07-322-061-1010 STACY TAIT 419 S WISCONSIN 2E OAK PARK, IL 60302	16-07-324-033-1031 STANLEY GRUSZECZKI 430 HOME AVE 102S OAK PARK, IL 60302	16-07-323-051-1008 STEPHANIE MCCRAY 408 S WISCONSIN OAK PARK, IL 60302
16-18-120-016-0000 STEPHEN RACHEL WILL 711 S HOME OAK PARK, IL 60304	16-18-119-027-0000 STEPHEN D SMITH 728 S WISCONSIN AV OAK PARK, IL 60304	16-07-324-021-0000 STEPHEN MURPHY 431 S CLINTON OAK PARK, IL 60302
15-12-435-032-1060 STEPHEN P RYAN BOX 497 AROMA PARK, IL 60910	16-18-109-027-0000 STEPHEN T EISSINGER 641 S MAPLE E OAK PARK, IL 60304	15-13-206-005-0000 STEVE M SKRINE 7230 MADISON STREET FOREST PARK, IL 60130
16-07-322-061-1003 STEVEN BERMAN 417 WISCONSIN #2E OAK PARK, IL 60302	16-07-323-053-1002 STEVEN E NIESLAWSKI 414 WISCONSIN AVE OAK PARK, IL 60302	16-07-323-049-1013 STEVEN GERITANO 1023 WASHINGTON BLVD OAK PARK, IL 60302
15-13-223-020-0000 STEVEN I WITT 605 ELGIN FOREST PARK, IL 60130	16-07-323-062-0000 STEVEN M. EDWARDS 1030 MADISON ST. OAK PARK, IL 60302	16-18-112-012-0000 STEVEN MILLER 601 S HOME OAK PARK, IL 60304



15-12-435-032-1025 STEVEN T JACOBI 7243 MADISON ST 305 FOREST PARK, IL 60130	15-13-207-028-1008 STUART CROSE 424 S ELGIN #8 FOREST PARK, IL 60130	15-12-435-029-1001 SUE S CHVATAL 110 GLENBROOK CT INDIAN HD PK, IL 60525
16-07-321-021-1008 SULLIVAN FAM PTNRSHP 902 MONTEREY DR O FALLON, IL 62269	16-07-324-033-1019 SUMAYYAH F BAIG 420 HOME AVE APT 210N OAK PARK, IL 60302	16-07-323-105-0000 SUN HAO 1020 ALEXANDER LN OAK PK, IL 60302
15-13-206-014-0000 SUPIN YODER 1171 S OAK PARK AVE OAK PARK, IL 60304	16-18-109-022-1008 SURESH LOHANO 10809 WORTHINGTON LN PROSPECT, KY 40059	15-12-435-032-1001 SUSAN ODONNELL 7243 MADISON ST #201 FOREST PARK, IL 60130
15-13-206-041-1008 SUSANNAH YONG 416 MARENGO AV 8 FOREST PARK, IL 60130	16-07-323-043-1010 SUZANNE RINGGOLD 425 S HOME AV OAK PARK, IL 60302	16-07-322-061-1043 SYED ALI MBK ASSOC 508 S OAK PARK AV OAK PARK, IL 60304
16-07-324-033-1036 SZYMANIAK HALINA 430 S HOME AV #107S OAK PARK, IL 60302	15-13-213-019-0000 TAD MOSSELL 517 MORENGO FOREST PARK, IL 60130	15-12-436-022-0000 TAMMY J SMITH TALBOT 2007 SUDBURY ST NAPERVILLE, IL 60564
15-12-435-029-1006 TARA BRUSEK 313 ELGIN AVE #202 FOREST PARK, IL 60130	15-13-214-005-0000 TARARA HOLDINGS 516 MA 516 MARENGO AVE FOREST PARK, IL 60130	15-13-206-042-1001 TAX PAYER OF 7219 ADAMS STREET FOREST PARK, IL 60130
16-07-321-021-1002 TAX PAYER OF 2 4740 N CUMBERLAND 104 CHICAGO, IL 60656	16-18-103-003-0000 TAXPAYER OF 1015 MADISON ST OAK PARK, IL 60302	15-13-206-032-0000 TERRENCE J PRYOR 7240 MADISON ST FOREST PARK, IL 60130
15-12-435-016-0000 TERRY WINCHELL 325 ELGIN AV FOREST PARK, IL 60130	15-13-206-017-0000 THE DANA RICHARDSON TR 444 MARENGO AVE FOREST PARK, IL 60130	16-07-321-016-0000 THE FOOD GROUP INC PO BOX 256 DUBLIN, OH 43017
16-18-118-001-0000 THEODORE MARIE PAUL 702 S.MAPLE AVE. OAK PARK, IL 60304	15-12-435-032-1030 THERESA B BROWNING 14629 SW 15TH CT PEMBROKE PIN, FL 33027	16-18-109-028-0000 THERESA G LEITNER 641 S MAPLE AV #F OAK PARK, IL 60304
16-07-323-049-1022 THOMAS A WETTSTAEDT 1025 WASHINGTON BLVD OAK PARK, IL 60302	16-07-323-046-1005 THOMAS BARNES 430 WISCONSIN AVE #2S OAK PARK, IL 60302	16-07-323-043-1007 THOMAS CLARK 425 HOME AV 1G OAK PARK, IL 60302

16-18-104-014-0000 THOMAS G MOHER 527 CLINTON AV OAK PARK, IL 60304	16-18-113-002-0000 THOMAS J CHAPLEAU 608 HOME AVE OAK PK, IL 60304	15-13-214-012-0000 THOMAS J RUDNIK 505 ELGIN AVE FOREST PARK, IL 60130
15-12-435-032-1003 THOMAS KEEFE 7243 MADISON ST #203 FOREST PARK, IL 60130	16-18-120-013-0000 THOMAS L SCHEMPER 701 S HOME AV OAK PARK, IL 60304	16-18-109-036-0000 THOMAS P ROCHE 641 S MAPLE 1N OAK PARK, IL 60304
15-13-224-041-0000 THORNTON OIL CORP 18 10101 LINN STATION RD LOUISVILLE, KY 40223	16-07-323-035-0000 TIM LYNDA BENSON 435 HOME AV OAK PARK, IL 60302	15-13-214-009-0000 TIM PEGGY GRAMS 532 MARENGO FOREST PARK, IL 60130
16-18-112-005-0000 TIM SALLY GAMBLE 614 WENONAH AV OAK PARK, IL 60304	15-13-214-010-0000 TIMOTHY MOLLY REILLY 501 S ELGIN FOREST PARK, IL 60130	15-13-214-004-0000 TIMOTHY E GILLIAN 512 MARENGO FOREST PARK, IL 60130
15-13-215-017-1007 TIMOTHY HENDRICKS 7202 W ADAMS #7 FOREST PARK, IL 60130	16-18-100-001-0000 TIMOTHY J ARADO 5765 N LINCOLN AVE #20 CHICAGO, IL 60659	16-07-322-022-0000 TIMOTHY RASMUSSEN 1114 W MADISON ST OAK PARK, IL 60302
15-12-435-028-1001 TIMOTHY SORAGHAN 316 MARENGO 1A FOREST PARK, IL 60130	15-13-206-042-1006 TIMOTHY T SPEAR 7221 ADAMS ST #2 FOREST PARK, IL 60130	15-13-205-018-0000 TINA MOLES 423 MARENGO AV FOREST PARK, IL 60130
16-18-112-003-0000 TODD GORRELL 606 WENONAH AV OAK PARK, IL 60304	15-12-435-029-1002 TOKUNBO OSUNTOKUN 14171 WOODFIELD CIR CARMEL, IN 46033	16-18-110-010-0000 TOM ADAMS KATHY HELD 632 S MAPLE OAK PARK, IL 60304
16-07-323-047-1006 TONY BENJAMIN 413 HOME AVE APT3B CHICAGO, IL 60302	16-07-321-020-1007 TONY ROBERTS 415 S MAPLE OAK PARK, IL 60302	16-07-324-018-0000 TRACEY L WIK S FORD 417 S CLINTON AV OAK PARK, IL 60302
16-18-126-021-1002 TRACY LEWIS PO BOX 5637 RIVERFOREST, IL 60305	16-07-322-061-1002 TRACY SYPERSKI 417 S WISCONSIN #1W OAK PARK, IL 60302	16-07-324-033-1046 TRENA F GRADY 430 S HOME 2075 OAK PARK, IL 60302
16-07-324-033-1023 TRUNG D NGUYEN 420 S HOME 304N OAK PK, IL 60302	15-13-207-022-0000 TRUST NUMBER 8 9973 PO BOX 146 ELMHURST, IL 60126	16-18-109-037-0000 TTA INVESTMENTS INC 1755 BRAESIDE LN NORTHBROOK, IL 60062

16-07-323-049-1031 TYROWE WIDEMAN 1027 W WASHINGTON OAK PARK, IL 60302	15-13-205-022-0000 UGO FORMIGONI 439 MARENGO AVE FOREST PARK, IL 60130	15-13-224-042-1017 VANESSA BENEFICO 6224 N SACRAMENTO AVE CHICAGO, IL 60659
16-18-126-021-1011 VANESSA RODRIGUEZ 727 S MAPLE AVE #204 OAK PARK, IL 60304	15-12-435-032-1005 VASSILIS SIOMOS 6 S 134 LAKEWOOD DR NAPERVILLE, IL 60540	16-07-321-020-1011 VENKATA N BULUSU 3504 BURLWOOD DR ROCKFORD, IL 61114
16-07-324-022-0000 VERNICE HASKINS 433 S CLINTON OAK PARK, IL 60302	16-18-126-021-1008 VICENTA CHAVEZ 727 S MAPLE AV 201 OAK PARK, IL 60304	16-07-323-051-1017 VICTOR A BALUNDIS 410 S WISCONSIN #603 OAK PARK, IL 60302
16-07-323-051-1014 VICTORIA L DRUNGOLE 408 S WISCONSIN 303 OAK PARK, IL 60302	16-18-109-022-1013 VICTORIA S DEANCHING 2126 BOEGER AV WESTCHESTER, IL 60154	16-07-324-024-0000 VILLAGE OF OAK PARK 123 MADISON ST OAK PARK, IL 60302
15-12-435-032-1009 VINCENT CULLEN 7243 MADISON ST 209 FOREST PARK, IL 60130	16-07-323-047-1001 VINCENT DENARDO 413 S HOME AVE 1A OAK PARK, IL 60302	16-18-109-001-0000 VINCENT TREIBACHS 9605 MUIRFIELD DR CRYSTAL LAKE, IL 60014
15-12-435-004-0000 VIRGINIA D NELSON 312 MARENGO AV FOREST PARK, IL 60130	15-13-215-017-1003 VIVIAN WILKES 7200 W ADAMS ST #3 FOREST PARK, IL 60130	15-13-214-018-0000 VIVIANE B ADAM 533 ELGIN AV FOREST PARK, IL 60130
15-12-435-031-0000 VLG OF FOREST PK & CODY 517 DES PLAINES AVE FOREST PK, IL 60130	16-07-323-055-1010 W TANSEY J TANSEY 1041 SUSAN COLLINS LN OAK PARK, IL 60302	16-18-109-029-0000 WANG HUANG 641 S MAPLE #G OAK PARK, IL 60304
16-07-323-074-0000 WEICHERT RELOCATION RE 10 E DEPT #060 MORRIS PLAIN, NJ 07950	16-18-126-021-1001 WILL BARBARA TROUPE 727 S MAPLE #100 OAK PARK, IL 60304	15-13-215-008-0000 WILLIAM COLLEEN POWE 520 S ELGIN AVE FOREST PARK, IL 60130
15-13-207-018-0000 WILLIAM NANCY PINERO 437 S HARLEM AV FOREST PARK, IL 60130	16-18-113-012-0000 WILLIAM BOGNER 619 S CLINTON OAK PARK, IL 60304	16-07-323-048-1001 WILLIAM C SHERMAN 405 S HOME AV OAK PARK, IL 60302
16-07-322-041-0000 WILLIAM DEGEATANO 1122 MADISON OAK PARK, IL 60302	16-18-109-017-0000 WILLIAMS JAMES 427 S EUCLID OAK PARK, IL 60302	16-07-321-020-1017 WILLIE BROWN 415 S MAPLE #403 OAK PARK, IL 60302

16-07-322-032-0000 WOLIN LEVIN INC 261 1740 E 55TH ST CHICAGO, IL 60615	16-07-323-069-0000 Y ZHU X ZHANG 1026 ALEXANDER LN OAK PARK, IL 60302	15-12-435-032-1057 YESENIA HERNANDEZ 7243 MADISON ST 414 FOREST PARK, IL 60130
16-07-324-033-1016 YU FAN PO BOX 166478 CHICAGO, IL 60616	15-13-207-006-0000 YVONETTA WHITE 422 ELGIN AV FOREST PARK, IL 60130	16-07-323-051-1013 YVONNE DEMBY 406 WISCONSIN OAK PARK, IL 60302
16-07-322-061-1037 Z FINANCIAL IL G PROP 100 TANGLEWOOD DR FREEPORT, IL 61032	15-13-207-028-1002 ZENA R WILSON 424 S ELGIN UNIT #2 FOREST PARK, IL 60130	16-07-323-049-1007 ZUBEIR HAROUN 1021 WASHINGTON 101 OAK PARK, IL 60302
MADISON COMMONS CONDO ASSN 7243 MADISON ST FOREST PARK, IL 60130	409 S MAPLE CONDO 409 S MAPLE AVE OAK PARK, IL 60302	413 S HOME AVE CONDO ASSOC 413 S HOME AVE OAK PARK, IL 60302
415 S MAPLE CONDO 415 S MAPLE OAK PARK, IL 60302	ADAMS MANOR CONDO 7200 W ADAMS ST FOREST PARK, IL 60130	ARTIST SQUARE CONDO 1041 SUSAN COLLINS LN OAK PARK, IL 60302
ASH FOREST CONDO 313 ELGIN AVE FOREST PK, IL 60130	CATHERINE CONDOMINIUMS 7225 ADAMS STREET FOREST PARK, IL 60130	COLONIAL MANOR NORTH CONDO ASSN 621 S MAPLE OAK PARK, IL 60304
COLONIAL MANOR SOUTH CONDO ASSN 727 S MAPLE AVE OAK PARK, IL 60304	EASTON POINTE CONDO 632 WENONAH OAK PARK, IL 60304	ELGIN JACKSON CONDO 7212 JACKSON BLVD FOREST PARK, IL 60130
FOREST PL ASSOC 316 MARENGO FOREST PARK, IL 60130	GGG Condon Assn. 1027 W WASHINGTON OAK PARK, IL 60302	HARRINGTON MANOR CONDO ASSN 428 S WISCONSIN 1N
IMPERIAL MANOR OAK PK CO 425 S HOME OAK PARK, IL 60302	MAPLE ARBOR CONDO 426 S MAPLE OAK PARK, IL 60302	METROPOLIS PLACE TOWNHOMES CONDO 414 WISCONSIN AVE #1 OAK PARK, IL 60302
OAK CONDO ASSN INC 405 S HOME AV OAK PARK, IL 60302	OAK PARK PLACE CONDO 430 S HOME AVE OAK PARK, IL 60302	WISCONSIN WINDINGS CONDO ASSN. 417 WISCONSIN AVE OAK PARK, IL 60302

FOREST PL CONDO ASSN.  
316 MARENGO  
FOREST PARK, IL 60130

BUSINESS	STREET #	STREET	CITY
CHASE BANK	800	MADISON ST	OAK PARK
TOWN & COUNTRY IMPORT CARS	845	MADISON ST	OAK PARK
LITTLE BEGINNINGS DAYCARE INC	847	MADISON ST	OAK PARK
MADISON STREET MEDICAL	850	MADISON ST	OAK PARK
FUNCTIONAL HEALTH AND WELLNESS LLC	852	MADISON ST	OAK PARK
STATE FARM INSURANCE COMPANY	854	MADISON ST	OAK PARK
ERICA'S TAILOR AND DRESS SHOP, INC.	900	MADISON ST	OAK PARK
ALLEGRETTIS DRIVING ACADEMY	902	MADISON ST	OAK PARK
BODY + BRAIN HEALING CENTER	904	MADISON ST	OAK PARK
DANCHE GUITARS	906	MADISON ST	OAK PARK
VETERANS SERVICES CORP	910	MADISON ST	OAK PARK
GLITTER NAIL SALON	912	MADISON ST	OAK PARK
PERFECT FIT FASHION AND ACCESSORIES	912 1/2	MADISON ST	OAK PARK
RADIO SHACK #6567	914	MADISON ST	OAK PARK
ASKIA HAIR BRAIDING	932	MADISON ST	OAK PARK
WINDY CITY TAXES	934	MADISON ST	OAK PARK
ROBINSON'S #1 RIBS	940	MADISON ST	OAK PARK
TASTY KITCHEN CATERING INC	940	MADISON ST	OAK PARK
WHITE LOTUS CHIROPRACTIC OF OAK PARK LTD	1001	MADISON ST	OAK PARK
SEAR'S PHARMACY	1003	MADISON ST	OAK PARK
OAK PARK NAIL LAB	1005	MADISON ST	OAK PARK
CENTURY 21 CLASSIC PROPERTIES	1009	MADISON ST	OAK PARK
BLAST IMPROV LLC	1010	MADISON ST	OAK PARK
MADISON STREET THEATRE	1010	MADISON ST	OAK PARK
OAK PARK FESTIVAL THEATRE	1010	MADISON ST	OAK PARK
WEST SUBURBAN DENTAL CENTER	1015	MADISON ST	OAK PARK
KEYES CENTER FOR TOES	1023	MADISON ST	OAK PARK
BELMONT VILLAGE OAK PARK	1035	MADISON ST	OAK PARK
DERNIER CRI	1049	MADISON ST	OAK PARK
SUNNY SPA	1053	MADISON ST	OAK PARK
AL'S GRILL	1100	MADISON ST	OAK PARK
MAMA THAI RESTAURANT	1112	MADISON ST	OAK PARK
IT'S A SIGN	1114	MADISON ST	OAK PARK
NEW REBOZO	1116	MADISON ST	OAK PARK
JIFFY LUBE	1122	MADISON ST	OAK PARK
MADISON HARLEM CURRENCY EXCHANGE	1147	MADISON ST	OAK PARK
K-STONE BEAUTY SUPPLY	20-24	MADISON ST	OAK PARK
WALGREENS #11760	801 - 811	MADISON ST	OAK PARK
TAKE CARE HEALTH SERVICES	801 - 811	MADISON ST	OAK PARK
WENDY'S	11	N HARLEM	OAK PARK
SWAN CLEANER	201	N HARLEM AVE	OAK PARK
WEST SUBURBAN MEDICAL CENTER	3	ERIE CT	OAK PARK

RUSH OAK PARK HOSPITAL	520	S MAPLE AVE	OAK PARK
QUEST DIAGNOSTICS - OAK PARK	610	S MAPLE AVE	OAK PARK
MASTERS TOUCH BARBER SHOP	207	N. HARLEM	OAK PARK
HARLEM-MADISON QUICKWASH	21	N. HARLEM	OAK PARK
OAK PARK NATURAL PET & FISH	23	N. HARLEM	OAK PARK
SAIGON NAILS AND SPA	97	N. HARLEM	OAK PARK
OAK PARK RIVER FOREST DAY NURSERY	1139	RANDOLPH	OAK PARK

STATE	ZIP	EMAIL	PHONE
IL	60302	TATIANA.Z.CASTRO-PARICH@CHASE.COM	(708)383-5518
IL	60302		(708)848-0550
IL	60302	BEGINNINGSINC@AOL.COM	(708)445-0909
IL	60302	AUTUMNSTARKSLCSW@GMAIL.COM	(708)689-9568
IL	60302	RRALSTON.MASSAGE@GMAIL.COM	(708)732-0193
IL	60302	DERRICK.WILLIAMS.GZNH@STATEFARM.COM	(708)383-0990
IL	60302	ENGELKD@HOTMAIL.COM	(708)524-1598
IL	60302		(708)445-0400
IL	60302	LABELLAOAKPARK@OUTLOOK.COM	(708)524-0044
IL	60302	DANCHEGUITARS@YAHOO.COM	(708)386-6666
IL	60302	DR.TAN@COMPASSEYECARE.COM	(708)383-2150
IL	60302	MOPRZED1@YAHOO.COM	(708)848-4140
IL	60302	BEADINHAND@ATT.NET	(708)848-1761
IL	60302	KIMBERLY.WYATT@RADIOSHACK.COM	(708)848-0110
IL	60302		(708)358-1624
IL	60302		(708)948-7413
IL	60302	SALES@RIB1.COM	(708)383-8452
IL	60302	NATALI@7SANDWICHSHOP.COM	(708)383-6900
IL	60302	CRYSTAL.BEDNAR@AMPEXBRANDS.COM	(708)386-4770
IL	60302	FRERGEANCOX@GMAIL.COM	(708)383-1366
IL	60302	CURT@BIKEFIXINC.COM	(708)445-8760
IL	60302		(708)524-8400
IL	60302		(708)359-0159
IL	60302	RFOLEY@MSTOAKPARK.COM	(312)282-1750
IL	60302	EL1592@NATE.COM	(708)848-8883
IL	60302	WSDENTAL@YAHOO.COM	(708)848-0014
IL	60302	LAKEYES@EARTHLINK.NET	(708)771-4300
IL	60302	MAMICI@BELMONTVILLAGE.COM	(708)848-7200
IL	60302	ANGIEMONTROY@ANGIESPANTRY.COM	(708)743-9114
IL	60302	WHOIZHE23@ROCKETMAIL.COM	(708)203-9142
IL	60302	ALOUTOS@ALSGRILLOP.COM	(708)386-4190
IL	60302	DOESN'T HAVE E-MAIL	(708)386-0100
IL	60302	KIM@ITSASIGN.NET	(708)848-7446
IL	60302	EAT@NEWREBOZO.COM	(708)445-0370
IL	60302		(708)383-3339
IL	60302	SSCHOENBERG@CFSC.COM	(708)366-2885
IL	60302	JOESEOK@GMAIL.COM	(708)848-0004
IL	60302	NAILSPA21@YAHOO.COM	(708)386-8380
IL	60302	IFHOAKPARK@GMAIL.COM	(708)415-7285
IL	60302		
IL	60302	YOOMILEE77@GMAIL.COM	(708)848-5395
IL	60302	JOTTOLIN@WESTSUBMC.COM	(708)763-6700



IL	60304		(708)383-9300
IL	60302	DAVID.L.WHITE@QUESTDIAGNOSTICS.COM	(708)848-0437
IL	60302		
IL	60302		
IL	60302		
IL	60302		
IL	60302		

## Shaqildi, Amal

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**From:** Failor, Craig <cfailor@oak-park.us>  
**Sent:** Friday, May 12, 2017 4:44 PM  
**To:** Shaqildi, Amal  
**Subject:** FW: Rush Oak Park Hospital

FYI.....

**Thanks.**  
Craig

Craig M. Failor AICP, LEED AP  
Village Planner  
Village of Oak Park, Illinois  
Direct Line: (708)358-5418  
Website: [www.oak-park.us](http://www.oak-park.us)

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**From:** Prior, Jeff  
**Sent:** Friday, May 12, 2017 4:35 PM  
**To:** Failor, Craig  
**Cc:** Williams-Clark, Andrew  
**Subject:** RE: Rush Oak Park Hospital

Craig,

To my knowledge, below are the apartment complexes in the area indicated.

Jeff

Harlem Ave:  
NONE

Maple Ave:  
400-408 S Maple Ave / 1119-1129 Washington Blvd  
414 S Maple Ave  
415-419 S Maple Ave  
418-420 S Maple Ave  
424-426 S Maple Ave  
428-430 S Maple Ave  
432-436 S Maple Ave  
438-440 S Maple Ave  
601-603 S Maple Ave  
613-615 S Maple Ave  
621 S Maple Ave  
631 S Maple Ave  
633 S Maple Ave

Wisconsin Ave:  
417-425 Wisconsin Ave  
424- 426 Wisconsin Ave  
428-430 Wisconsin Ave  
429-431 Wisconsin Ave

Pennsylvania Way:  
NONE (Condo)

Wenonah Ave:  
512-514 Wenonah Ave  
632-634 Wenonah Ave

Chestnut Ln:  
NONE (Condo)

Home Ave:  
425 Home Ave  
437-439 Home Ave

Clinton Ave:  
NONE

Washington Blvd:  
1019-1029 Washington Blvd

Madison St:  
1035 Madison St (Belmont Village Senior Living)  
1047-1053 Madison St / 504-510 Wisconsin Ave

Monroe St:  
NONE

Susan Collins Ln:  
NONE (Condo)

Lincoln Trail:  
NONE (Condo)

Baldwin Ln:  
NONE (Condo)

Alexander Ln:  
NONE (Condo)

**Jeffrey J. Prior PMHI**  
Neighborhood Services Supervisor  
Village of Oak Park  
123 Madison St.  
Oak Park, IL 60302  
708.358.5445 (Office)  
708.613.1590 (Cell)  
[www.oak-park.us](http://www.oak-park.us)

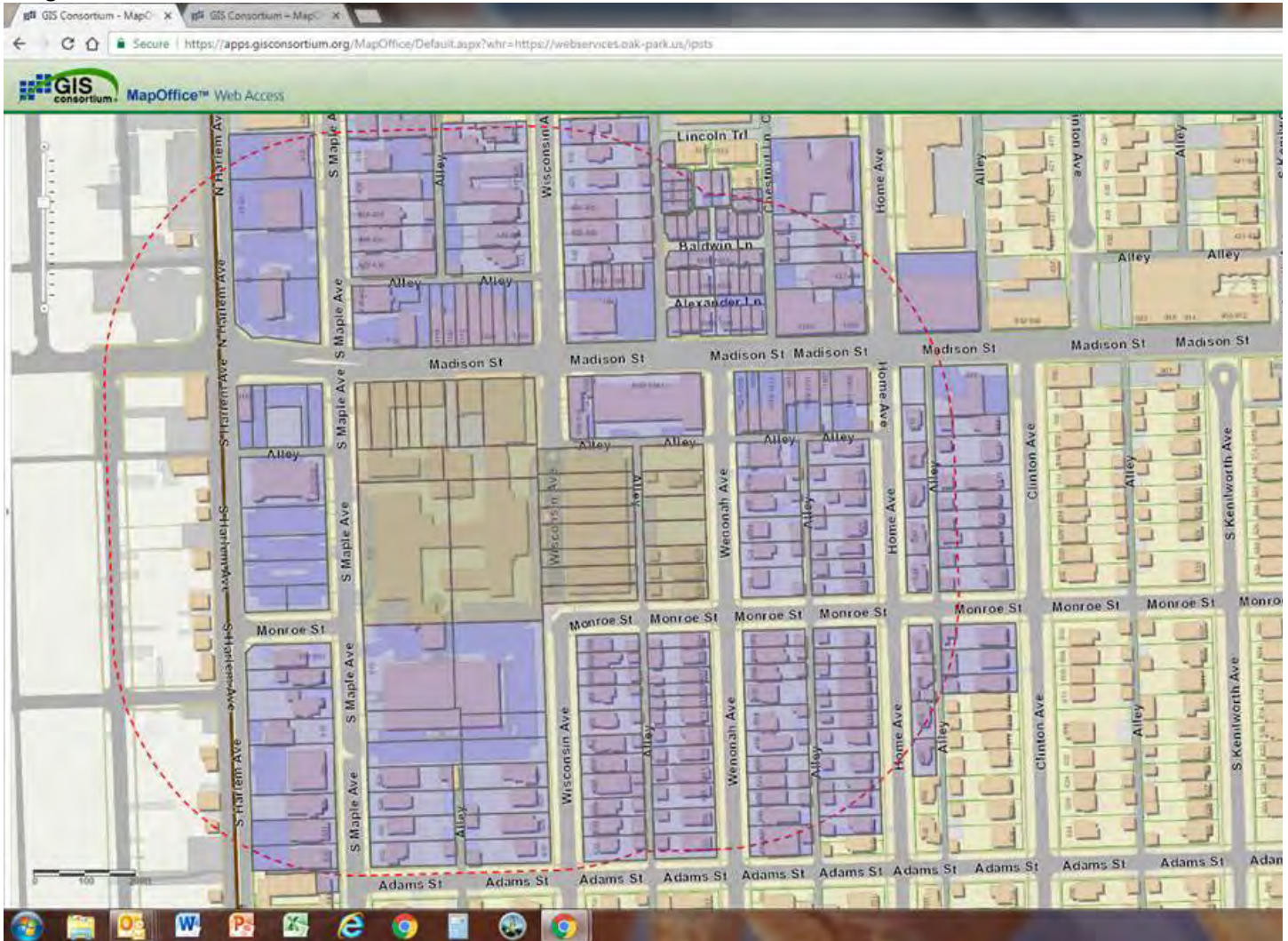
**From:** Failor, Craig  
**Sent:** Friday, May 12, 2017 11:04 AM  
**To:** Williams-Clark, Andrew  
**Cc:** Prior, Jeff  
**Subject:** FW: Rush Oak Park Hospital

Drew,

Can you check to see if you have any apartment complexes within the purple area below?

Thanks.  
Craig

Craig



Craig M. Failor AICP, LEED AP  
Village Planner  
Village of Oak Park, Illinois  
Direct Line: (708)358-5418  
Website: [www.oak-park.us](http://www.oak-park.us)

-----Original Message-----

From: Shaqildi, Amal [<mailto:ashaqildi@nealandleroy.com>]

Sent: Friday, May 12, 2017 10:19 AM

To: Failor, Craig

Subject: RE: Rush Oak Park Hospital

Hi Craig,

It's me again. Sorry! I was reading the code regarding the notice of filing. It states the following:

"posting of said notice on the front door(s) and in the lobby(s) of all multiple-family rental buildings"

I would not be able to figure out from the zoning search we ordered which properties are multiple family rentals. Is this requirement enforceable even if were notifying all property owners within 500 feet? If so, does the village have a list of multiple family rentals within certain blocks of the 500 feet?

Thank you,

Amal

Amal Shaqildi

Paralegal

120 North LaSalle Street, Suite 2600

Chicago, IL 60602

(312) 641-7144 | (312) 628-7033 Direct

[ashaqildi@nealandleroy.com](mailto:ashaqildi@nealandleroy.com)

-----Original Message-----

From: Failor, Craig [<mailto:cfailor@oak-park.us>]

Sent: Thursday, May 11, 2017 11:09 AM

To: Shaqildi, Amal

Subject: RE: Rush Oak Park Hospital

You should submit the electronic version via VillageView.

Thanks.

Craig

Craig M. Failor AICP, LEED AP

Village Planner

Village of Oak Park, Illinois

Direct Line: (708)358-5418

Website: [www.oak-park.us](http://www.oak-park.us)

-----Original Message-----

From: Shaqildi, Amal [<mailto:ashaqildi@nealanderoy.com>]  
Sent: Thursday, May 11, 2017 11:06 AM  
To: Failor, Craig  
Subject: RE: Rush Oak Park Hospital

I so sorry, but I am sending a CD of the report to Department of Development Customer Services at Village Hall? If so, can I send anytime this week?

Thank you,

Amal

Amal Shaqildi  
Paralegal

120 North LaSalle Street, Suite 2600  
Chicago, IL 60602  
(312) 641-7144 | (312) 628-7033 Direct  
[ashaqildi@nealanderoy.com](mailto:ashaqildi@nealanderoy.com)

-----Original Message-----

From: Failor, Craig [<mailto:cfailor@oak-park.us>]  
Sent: Thursday, May 11, 2017 10:43 AM  
To: Shaqildi, Amal  
Subject: RE: Rush Oak Park Hospital

Hi Amal,

All documents should be double sided if at all possible.

Please add the ev. report to the electronic version, but not the paper version - binders. Please add a statement under that tab in the binders that says its available for review in the Department of Development Customer Services at Village Hall.

Thanks.  
Craig

Craig M. Failor AICP, LEED AP  
Village Planner  
Village of Oak Park, Illinois  
Direct Line: (708)358-5418  
Website: [www.oak-park.us](http://www.oak-park.us)

-----Original Message-----

From: Shaqildi, Amal [<mailto:ashaqildi@nealanderoy.com>]  
Sent: Thursday, May 11, 2017 10:38 AM  
To: Failor, Craig  
Subject: RE: Rush Oak Park Hospital

Craig,

The environmental report is 851 pages. I'm not sure if you wanted me to attach such a huge document to the application. Please let me know what other methods can we transmit the environmental report.

If a hard copy is required, is it okay to print double-sided?

Thank you,

Amal

Amal Shaqildi  
Paralegal

120 North LaSalle Street, Suite 2600  
Chicago, IL 60602  
(312) 641-7144 | (312) 628-7033 Direct  
ashaqildi@nealandleroy.com

-----Original Message-----

From: Failor, Craig [<mailto:cfailor@oak-park.us>]  
Sent: Wednesday, May 10, 2017 4:16 PM  
To: Shaqildi, Amal  
Subject: RE: Rush Oak Park Hospital

Hi Amal,

The 13 copies should be delivered to me no later than June 23rd. Nothing should be larger than 11X17. Thanks.

Thanks.  
Craig

Craig M. Failor AICP, LEED AP  
Village Planner  
Village of Oak Park, Illinois  
Direct Line: (708)358-5418  
Website: [www.oak-park.us](http://www.oak-park.us)

-----Original Message-----

From: Shaqildi, Amal [<mailto:ashaqildi@nealandleroy.com>]  
Sent: Wednesday, May 10, 2017 3:01 PM  
To: Failor, Craig  
Subject: RE: Rush Oak Park Hospital

Craig,

Once application is reviewed and approved by you. When do we send the 13 hard copies? Do the hard copies require oversized copies of the site plan and survey, or is 11 x 17 okay?

Thank you,

Amal

Amal Shaqildi  
Paralegal

120 North LaSalle Street, Suite 2600  
Chicago, IL 60602  
(312) 641-7144 | (312) 628-7033 Direct  
ashaqildi@nealandleroy.com

-----Original Message-----

From: Failor, Craig [<mailto:cfailor@oak-park.us>]  
Sent: Wednesday, May 10, 2017 8:40 AM  
To: Shaqildi, Amal  
Subject: RE: Rush Oak Park Hospital

Hi Amal,

This afternoon would be best. 2PM? Work for you?

Thanks.  
Craig

Craig M. Failor AICP, LEED AP  
Village Planner  
Village of Oak Park, Illinois  
Direct Line: (708)358-5418  
Website: [www.oak-park.us](http://www.oak-park.us)

-----Original Message-----

From: Shaqildi, Amal [<mailto:ashaqildi@nealandleroy.com>]  
Sent: Wednesday, May 10, 2017 8:38 AM  
To: Failor, Craig  
Subject: RE: Rush Oak Park Hospital

Good morning Craig,

Please let me know what time would be good to give you a call. I know you just got back and you probably catching up.

Thank you,



Amal

Amal Shaqildi  
Paralegal

120 North LaSalle Street, Suite 2600  
Chicago, IL 60602  
(312) 641-7144 | (312) 628-7033 Direct  
ashaqildi@nealandleroy.com

-----Original Message-----

From: Failor, Craig [<mailto:cfailor@oak-park.us>]  
Sent: Monday, May 08, 2017 3:24 PM  
To: Shaqildi, Amal  
Subject: Fwd: Voice message from NEAL AND LEROY

Hi Amal,  
I'm out of town. Will be back on Wednesday and can talk to you then.  
Thanks  
Craig

Sent from my iPad

Begin forwarded message:

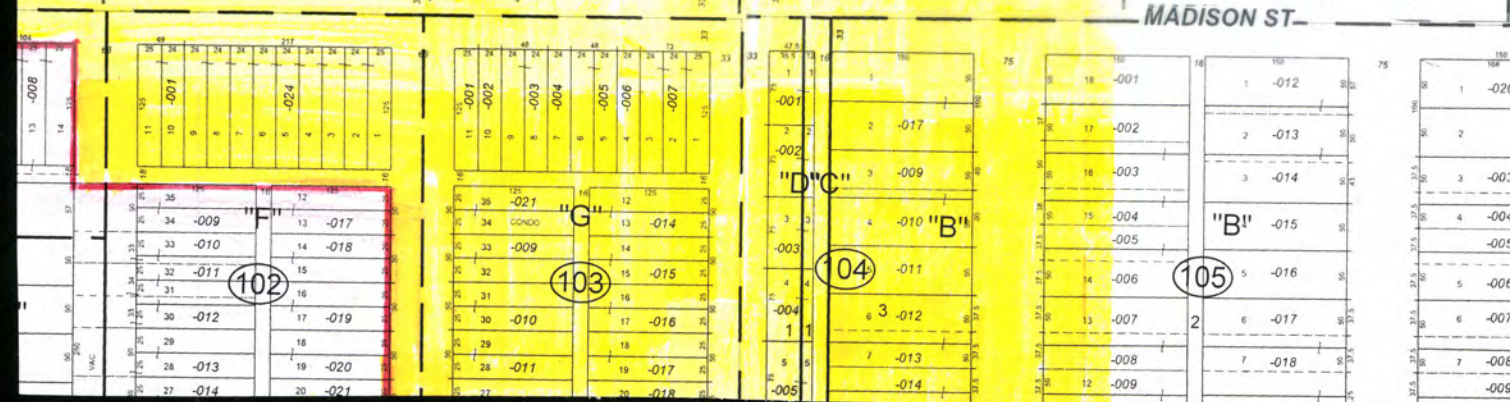
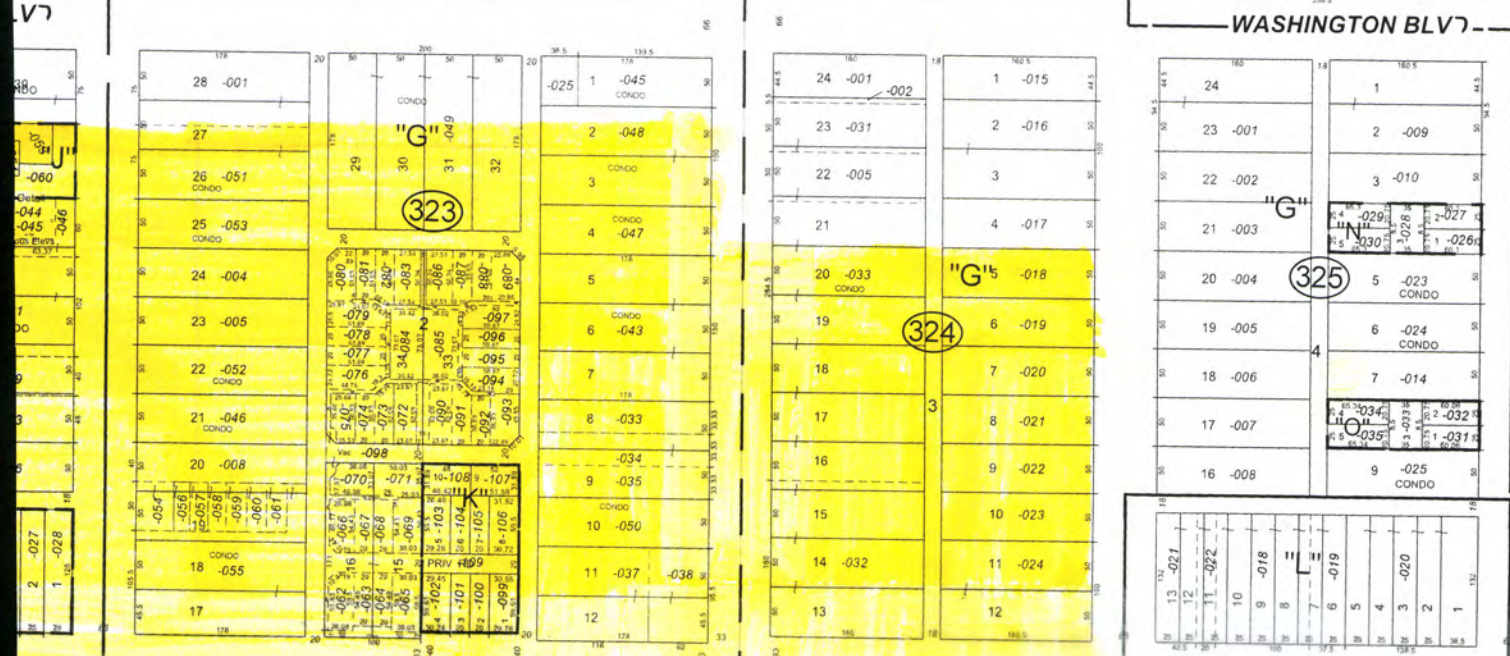
From: NEAL AND LEROY <[donotreply@oak-park.us](mailto:donotreply@oak-park.us)<<mailto:donotreply@oak-park.us>>>  
Date: May 8, 2017 at 2:07:33 PM EDT  
To: <[cfailor@oak-park.us](mailto:cfailor@oak-park.us)<<mailto:cfailor@oak-park.us>>>  
Subject: Voice message from NEAL AND LEROY

Caller Id: 3126417144  
Message length: 24 s.

<https://vmail.oak-park.us/npm-pwg/extendedUmPlayMessage.jsp?token=c%2BS7ZJso%2FM6VUowdWuNKbp1rAiX%2BsrOKu%2FWYI%2FctGp98jyV2zmG1t3Kuk4bKNrQ4gOzrrptnzEz1lhS4Dam%2FKQ%3D%3D&encoding=mp3>









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9	-012	10	-021

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**-MONROE S-**

**MONROE S-**

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114

WISCONSIN AV

WENONAH AV

HOME AV

CLINTON AV

KENILWORTH AV

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**JACKSON BLV**

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1 N. LaSalle St. Suite 500, Chicago, IL 60602 312-637-4845

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**Tax Assesse Listing**

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**Order Information**

<b>Order Number: 66664490-NT</b>	<b>Customer Reference: RUSHUNIVERSITY/OAKPARK/1715.000</b>
<b>Date Prepared: 01/13/2017</b>	<b>Cover Date: 12/15/2016</b>

NEAL & LEROY LLC  
120 N. LASALLE STREET, SUITE 2600  
CHICAGO, IL 60601  
ATTENTION: AMAL SHAQILDI

In accord with the application, a search of the authentic computerized records of COOK County, Illinois, as of the above cover date, pertaining to all property within 500 feet, excluding streets and right of ways, in every direction of the location of the property in question assigned permanent tax number (s) (PINS):

SEE ATTACHED

By the appropriate office of COOK County, Illinois, and reflected on the official tax maps, as most currently revised, excluding all public roads, streets, alleys and other public ways and find the following names and addresses of the assesses as appear from said records:

**SEE ATTACHED LIST AND MAP FOR SURROUNDING PINS**

The information provided in this search is required in part by 65 ILCS5/11-3-7

**Additional Notes**

**NONE**

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This is not a title insurance policy, guarantee, or opinion of title and should not be relied upon as such; See terms and conditions on application.

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## 9. RESTRICTIONS & COVENANTS

## **PLANNED DEVELOPMENT APPLICATION**

520 S. Maple, Oak Park, IL

Rush Oak Park Hospital

In response to the planned development application submittal requirement, the applicant, Rush Oak Park Hospital, states that there are no restrictions or covenants affecting the proposed project.



## 10. CONSTRUCTION SCHEDULE



# ROPH Emergency Department 02/21/2017 Update

Activity ID	Activity Name	Original Duration	Start	Finish	2016				2017				2018				2019				2020				2021				2022				
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1			
KC2080	Award Early Masonry for O2 Farm	10	22-Mar-17	04-Apr-17																													
KC2020	Award Masonry	20	06-Jun-17	03-Jul-17																													
KC3010	Review & Award Interior Finishes	20	06-Jun-17	03-Jul-17																													
KC2090	Award Project MEPPP Contractors	20	06-Jun-17	03-Jul-17																													
<b>Submittals &amp; Procurement</b>																																	
SP1070	Submit & Review Abatement Plan	10	08-Mar-17	21-Mar-17																													
SP1000	Submit Demolition Plan	25	22-Mar-17	25-Apr-17																													
SP1005	Submit Earth Stabilization Plan	25	22-Mar-17	25-Apr-17																													
SP1080	Submit & Procure CBs, MHS, Pipe	25	22-Mar-17	25-Apr-17																													
SP1090	Submit & Procure Storm Trap	80	22-Mar-17	13-Jul-17																													
SP1050	Submit Deep Foundation Plan	20	05-Apr-17	02-May-17																													
SP1035	Submit & Procure Curtain Wall & Glass	100	05-Apr-17	24-Aug-17																													
SP1040	Submit Steel & Procure Embeds	35	19-Apr-17	07-Jul-17																													
SP1015	Submit & Procure Elevators	100	19-Apr-17	08-Sep-17																													
SP1025	Submit & Procure Concrete & Rebar	25	19-Apr-17	23-May-17																													
SP1010	Submit & Procure AHU, Chiller, CT	80	05-Jul-17	25-Oct-17																													
SP1020	Submit & Procure Electrical	70	05-Jul-17	11-Oct-17																													
SP1030	Submit & Procure Generator	80	05-Jul-17	25-Oct-17																													
SP1060	Submit & Procure Masonry	25	05-Jul-17	08-Aug-17																													
SP1045	Submit & Procure Plumbing Equip.	40	05-Jul-17	29-Aug-17																													
<b>Construction</b>																																	
<b>Mobilize</b>																																	
MOB10	Erect Construction Fence & Barriers	5	22-Mar-17	28-Mar-17																													
MOB10	Reroute West Building Egress	10	22-Mar-17	04-Apr-17																													
<b>Sitework</b>																																	
<b>Site Utilities</b>																																	
SU1010	Install New Combined Sewer - Maple	5	26-Apr-17	02-May-17																													
SU1020	Change Over from Exist. to New - Maple	1	03-May-17	03-May-17																													
SU1030	Demo Existing Storm - Maple	3	04-May-17	08-May-17																													
SU1050	Demo Existing Sanitary - Maple	3	04-May-17	08-May-17																													
SU1060	Backfill Maple	2	09-May-17	10-May-17																													
SU1070	Install Madison Crossings - EB Lanes	5	11-May-17	17-May-17																													
SU1080	Install Madison Crossings - WB Lanes	5	18-May-17	24-May-17																													
<b>Storm Trap</b>																																	
ST1035	Install Maple Crossing	5	11-May-17	17-May-17																													
ST1000	Demo Parking Lot & Excavate	5	07-Jul-17	13-Jul-17																													
ST1020	Install Storm Trap	20	14-Jul-17	10-Aug-17																													
ST1030	Backfill and Grade Area	3	11-Aug-17	15-Aug-17																													
ST1040	Install Curb and Gutter	5	16-Aug-17	22-Aug-17																													
ST1050	Pave and Stripe Area	2	23-Aug-17	24-Aug-17																													
<b>Site Improvements</b>																																	
SI1000	Install Oxygen Farm Ret. Wall	5	01-Jun-17	07-Jun-17																													
SI1010	Install Oxygen Farm Site Concrete	5	08-Jun-17	14-Jun-17																													
SI1020	Install Oxygen Farm Landscaping	5	15-Jun-17	21-Jun-17																													
SI1030	Install Ambulance Site Concrete	5	21-Jun-18	27-Jun-18																													
SI1040	Install Ambulance Landscaping	5	28-Jun-18	05-Jul-18																													
SI1050	Install Madison Site Concrete	5	28-Jun-18	05-Jul-18																													
SI1080	Install Maple Site Concrete	5	06-Jul-18	12-Jul-18																													
SI1060	Install Madison Asphalt	5	13-Jul-18	19-Jul-18																													
SI1090	Install Maple Asphalt	5	20-Jul-18	26-Jul-18																													
SI1070	Install Madison Landscaping	5	27-Jul-18	02-Aug-18																													
SI1100	Install Maple Landscaping	10	03-Aug-18	16-Aug-18																													
SI1110	Install Green Roof	15	17-Aug-18	07-Sep-18																													
SI1120	Install Site Furnishings	5	10-Sep-18	14-Sep-18																													
<b>Building Demolition</b>																																	
AB1000	Abate 2-Story Building	10	22-Mar-17	04-Apr-17																													
AB1010	Abate 5-Story Building	30	29-Mar-17	09-May-17																													
AB1020	Abate 4-Story Building	25	05-Apr-17	09-May-17																													
BD1000	Disconnect Utilities	5	10-May-17	16-May-17																													
BD1010	Site Clearing - Court Yard	5	10-May-17	16-May-17																													
BD1020	Demo 5 Story Ground - 5th	30	17-May-17	28-Jun-17																													
BD1040	Install ERS - 5 Story	6	29-Jun-17	07-Jul-17																													
BD1050	Demo 4 Story Ground - 4th	20	29-Jun-17	27-Jul-17																													
BD1030	Install ERS - Court Yard	4	10-Jul-17	13-Jul-17																													
BD1070	Demo 2 Story Building	10	28-Jul-17	10-Aug-17																													
BD1075	Excavate Breezeway	5	28-Jul-17	03-Aug-17																													
BD1060	Install ERS - 4 Story	5	04-Aug-17	10-Aug-17																													

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone



## Construction Schedule

22-Feb-17

Page 2 of 5

# ROPH Emergency Department 02/21/2017 Update

Activity ID	Activity Name	Original Duration	Start	Finish	2016				2017				2018				2019				2020				2021				2022				
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1			
BD1080	Install ERS - 2 Story	7	11-Aug-17	21-Aug-17																													
BD1100	Excavate Court Yard	5	11-Aug-17	17-Aug-17																													
BD1090	Demo Ground Floors, Foundations, SOG	15	18-Aug-17	08-Sep-17																													
BD1110	Excavate/Backfill Footprint	7	11-Sep-17	19-Sep-17																													
BD1120	Phase B Soil Sampling	10	20-Sep-17	03-Oct-17																													
<b>Oxygen Farm</b>																																	
OF1040	Owner Procures Equipment	60	20-Feb-17	12-May-17																													
OF1001	Demo/Excavate Area	3	05-Apr-17	07-Apr-17																													
OF1000	Install Foundations	5	10-Apr-17	14-Apr-17																													
OF1005	Install MEP Rough In	5	17-Apr-17	21-Apr-17																													
OF1007	Install New Oxygen Main	10	17-Apr-17	28-Apr-17																													
OF1010	Install Sub Grade & SOG	3	24-Apr-17	26-Apr-17																													
OF1020	Install CMU Walls	3	27-Apr-17	01-May-17																													
OF1030	Install Brick Veneer	5	02-May-17	08-May-17																													
OF1080	Pour New Apron and Sidewalk	2	09-May-17	10-May-17																													
OF1050	Set Oxygen Farm Equipment	2	15-May-17	16-May-17																													
OF1055	Make Equipment Final Connections to New Mains	5	17-May-17	23-May-17																													
OF1090	Testing & Activation	2	24-May-17	25-May-17																													
OF1060	Make Oxygen Change Over / Tie In to New Mains	1	26-May-17	26-May-17																													
OF1070	Remove Existing Oxygen Farm	2	30-May-17	31-May-17																													
<b>Structural</b>																																	
STR10X	Install Caissons, Piers, & Piles	20	04-Oct-17	31-Oct-17																													
STR10'	FRP Footings and Foundation Walls	20	25-Oct-17	21-Nov-17																													
STR10'	Install Underground Drain Tile	10	22-Nov-17	06-Dec-17																													
STR10'	Install Underground Sanitary	5	07-Dec-17	13-Dec-17																													
STR111	Backfill Foundations	5	07-Dec-17	13-Dec-17																													
STR10'	Place Subgrade	5	14-Dec-17	20-Dec-17																													
STR10'	Pour LL SOG - 3 Pours	10	21-Dec-17	05-Jan-18																													
STR10'	Erect Steel - 1st Floor N/S	10	08-Jan-18	19-Jan-18																													
STR10'	Install North Stair Core (Conc.)	10	08-Jan-18	19-Jan-18																													
STR10'	Detail & Deck - 1st Floor N/S	10	10-Jan-18	23-Jan-18																													
STR10'	Erect Steel - Roof N/S	6	22-Jan-18	29-Jan-18																													
STR10'	Install South Stair Core (CMU)	10	22-Jan-18	02-Feb-18																													
STR10'	Install North Stairs	10	22-Jan-18	02-Feb-18																													
STR10'	Detail & Deck - Roof N/S	10	24-Jan-18	06-Feb-18																													
STR10'	Install South Stairs	10	05-Feb-18	16-Feb-18																													
STR10'	Erect Steel - Penthouse N/S	10	07-Feb-18	20-Feb-18																													
STR10'	Detail & Deck - Penthouse N/S	10	21-Feb-18	06-Mar-18																													
STR10'	FRP - 1st Floor Elevated Deck	5	07-Mar-18	13-Mar-18																													
STR11C	FRP Roof Elevated Deck	10	12-Mar-18	23-Mar-18																													
STR11C	FRP Penthouse Elevated Deck	5	15-Mar-18	21-Mar-18																													
<b>Enclosure</b>																																	
BE1000	Install CMU - West Elevation	10	21-Feb-18	06-Mar-18																													
BE1020	Install Curtain Wall - South	10	07-Mar-18	20-Mar-18																													
BE1002	Install CMU - North Elevation	10	07-Mar-18	20-Mar-18																													
BE1004	Install CMU - East Elevation	10	21-Mar-18	03-Apr-18																													
BE1018	Install Curtain Wall - Waiting Area	15	21-Mar-18	10-Apr-18																													
BE1010	Apply AVB to Exterior Walls	15	21-Mar-18	10-Apr-18																													
BE1050	Install Main Roofing	20	22-Mar-18	18-Apr-18																													
BE1006	Install CMU - Ambulance Garage	10	04-Apr-18	17-Apr-18																													
BE1040	Install Brick Veneer - West Elevation	5	11-Apr-18	17-Apr-18																													
BE1028	Install Storefront Windows	13	11-Apr-18	27-Apr-18																													
BE1042	Install Brick Veneer - North Elevation	10	18-Apr-18	01-May-18																													
BE1052	Install Penthouse Roofing	10	19-Apr-18	02-May-18																													
BE1044	Install Brick Veneer - East Elevation	10	02-May-18	15-May-18																													
BE1062	Install Canopy Roofing	10	03-May-18	16-May-18																													
BE1030	Install Metal Panels	20	16-May-18	13-Jun-18																													
BE1046	Install Brick Veneer - Amb. Garage	10	16-May-18	30-May-18																													
BE1056	Install OH Doors	15	31-May-18	20-Jun-18																													
<b>Elevators</b>																																	
ELE1000	Erect Elev. Shaft 1	15	25-Oct-17	14-Nov-17																													
ELE1010	Erect Elev. Shaft 2	15	25-Oct-17	14-Nov-17																													
ELE1020	Install Electrical Service	5	12-Feb-18	16-Feb-18																													
ELE1040	Install Elevator 1	20	30-Apr-18	25-May-18																													
ELE1050	Test & Commission Elevator 1	5	29-May-18	04-Jun-18																													
ELE1042	Install Elevator 2	20	29-May-18	25-Jun-18																													
ELE1044	Install Elevator 3	20	26-Jun-18	24-Jul-18																													

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

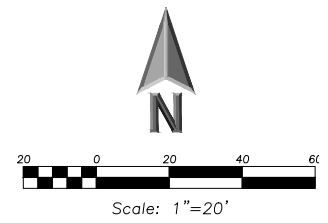
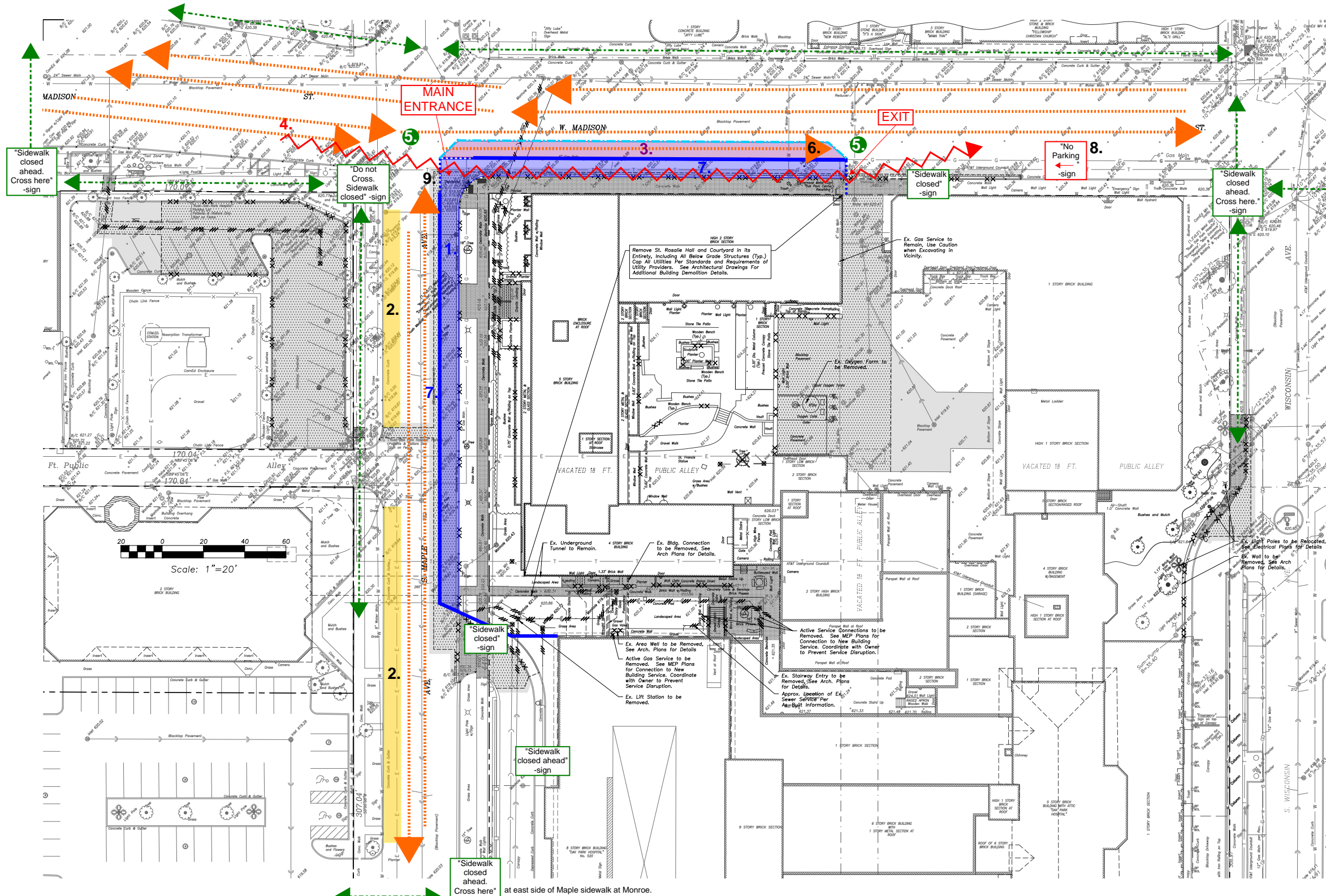






## 11. CONSTRUCTION TRAFFIC SCHEDULE





LEGEND	
EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Inlet	Inlet
Area Drain	Area Drain
Clean Out	Clean Out
Flared End Section	Flared End Section
Storm Sewer	Storm Sewer
Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
Water Main	Water Main
Gas Line	Gas Line
Overhead Wires	Overhead Wires
Electrical Cable (Buried)	Electrical Cable (Buried)
Telephone Line	Telephone Line
Fire Hydrant	Fire Hydrant
Valve Vault	Valve Vault
Buttline Box	Buttline Box
Downspout	Downspout
Bollard	Bollard
Gas Valve	Gas Valve
Gas Meter	Gas Meter
Electric Meter	Electric Meter
ComEd Manhole	ComEd Manhole
Hand Hole	Hand Hole
Light Pole	Light Pole
Light Pole w/ Mail Arm	Light Pole w/ Mail Arm
Utility Pole	Utility Pole
Telephone Pedestal	Telephone Pedestal
Telephone Manhole	Telephone Manhole
Sign	Sign
Fence	Fence
Accessible Parking Stall	Accessible Parking Stall
Curb & Gutter	Curb & Gutter
Depressed Curb	Depressed Curb
Curb Elevation	Curb Elevation
Gutter Elevation	Gutter Elevation
Pavement Elevation	Pavement Elevation
Sidewalk Elevation	Sidewalk Elevation
Ground Elevation	Ground Elevation
Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
Seak	Seak
781	781
Contour Line	Contour Line
Deciduous Tree	Deciduous Tree
Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection Fencing at Drip Line	Tree Protection Fencing at Drip Line

DEMOLITION LEGEND	
Utility Line Removal	Utility Line Removal
Bituminous Pavement Removal (Full Depth)	Bituminous Pavement Removal (Full Depth)
Bituminous Pavement Removal (2-inch MB)	Bituminous Pavement Removal (2-inch MB)
Concrete Pavement Removal (Full Depth)	Concrete Pavement Removal (Full Depth)
Pavement Sawcut	Pavement Sawcut
Curb & Gutter Removal	Curb & Gutter Removal
Structure Removal	Structure Removal
Tree Removal	Tree Removal

— Concrete Construction Barrier with Fencing and Fabric Screen    
 — Temporary Construction Barrier    
 ~ Construction Traffic    
 ● Flagger    
 ▶ Vehicular Traffic    
 ▶ Pedestrian Traffic

- For duration of construction, Walsh will need to take the parking lanes along the south side of Madison Ave and the east side of Maple Ave. The site will be protected by concrete construction barriers.
- Permit parking along west side of Maple Ave will remain for duration of construction.
- While installing the earth retention system along Madison Ave, Walsh will need to temporarily move their construction barrier further into Madison, taking one drive lane for equipment access. Duration - 2 weeks. The construction barrier will be moved back to its original position when the earth retention system is installed.
- Construction access for the duration of the project. Deliveries will enter at the intersection of Madison Ave and Maple Ave and exit along Madison Ave by the ROPH loading dock entrance.
- Walsh and it's subcontractors will provide traffic flaggers at entrance and exit gates for all deliveries and construction traffic.
- One east bound lane on Madison will need to be shut down while earth retention is being installed. Duration - 2 weeks.
- Jersey barriers will be fixed in place once the earth retention system is installed and in time for winter. Fencing will be installed on top of the jersey barrier up to 8' with fabric screening. No parking signs to be installed on fencing along Maple and Madison Avenues.
- No parking for 40' on Madison east of the hospital drive to allow for safe merging by construction trucks.
- Relocate stop sign to jersey barrier.
- Obstruction of Madison and Maple parking lanes : May 2017 - Dec 2018.
- Forthcoming permits to address Village street light removal; installation of temporary lighting, water & sewer connections, and pavement restorations.





## 12. MARKET FEASIBILITY REPORT

## **12. MARKET FEASIBILITY REPORT**

The applicant, Rush Oak Park Hospital, hereby requests a waiver of the Market Feasibility Report requirement.



The Village of Oak Park  
Village Hall  
123 Madison Street  
Oak Park, Illinois 60302

708.383.6400  
Fax 708.383.6692  
village@oak-park.us  
www.oak-park.us

May 24, 2017

Lenny D. Asaro, Attorney  
NEAL and LEORY, LLC  
120 N. LaSalle St., Ste, 2600  
Chicago, IL 60602

Sent Via E-Mail and Regular Mail

**RE: WAIVER REQUEST for the Rush Oak Park Hospital Planned Development  
[520 South Maple Avenue]**

Dear Mr. Asaro:

The Oak Park Zoning Ordinance allows applicants for planned developments to request a waiver of any application requirement, which in the applicant's judgment should not apply to the proposed development. The Zoning Ordinance requires the Village Planner or designee to review and decide on the waiver requests within ten (10) working days of their receipt. The waiver request was received on Monday, May 22, 2017 as part of the preliminary planned development application.

**Planned Development Item #12: Market Feasibility Report. [Approved]**

This report is based on a residential or commercial component of a development. An emergency room is unique and does not require such a report.

**Planned Development Item #29: Energy Analysis. [Approved]**

It was determined that the emergency room, while trying to achieve sustainable practices, will not be undergoing a geothermal system installation.

**Planned Development Item #31: LEED Requirements. [Approved with Condition]**

It would be acceptable to forgo the requirement of registering with the USGBC and escrowing funds with the Village, but it would be expected that a third party commissioner, acceptable to the Village, be engaged to ensure that the development at least meets the *LEED Certification* requirement benchmark of 40-49 points or the minimum requirement of another rating system acceptable to the Village of Oak Park. If a third party commissioner cannot be engaged, this waiver will be rescinded.

If you have any questions regarding this letter please feel free to contact me at 708/358-5418 or by e-mail at [cfailor@oak-park.us](mailto:cfailor@oak-park.us). Please include this letter in the final application packet for public hearing.

Respectfully,

**VILLAGE OF OAK PARK**  
*Development Customer Services Department*

Craig Failor, AICP, LEED AP, ENV SP  
Village Planner

c. Project Review Team

## 13. TRAFFIC STUDY



## **KLOA RESPONSES – JUNE 29, 2017**

### **Rush Oak Park Hospital – Village Comments dated June 16, 2017**

#### **Tab 13: Traffic Study**

##### **9. Provide ADT data for Maple Ave for existing and proposed conditions**

Using the existing counts on Maple Avenue at the existing bump-out, south of Monroe Street, the existing ADT on Maple Avenue is 1,560 vehicles. The projected ADT on Maple is 1,460 vehicles. The TIS has been updated to include the existing ADT volume.

##### **10. See #11**

Noted.

##### **11. Evaluate and provide projected traffic volumes and turning movements for a proposed closing of southbound Maple at Jackson (still allowing northbound traffic to enter Maple at Jackson) as a potential alternative solution to minimize non-compliance with existing traffic diverter. The provided traffic data for this intersection with the revised TIS shows EB Adams at 894 vehicles in am and 731 in pm. Revise to correct this information and evaluate options for closing SB Maple at Jackson as requested. Also the existing diverter north of Adams has approximately thirty-four (34) vehicles/hour traveling northbound (roughly 340 ADT). Show where this traffic will go with the proposed cul-de-sac in the PD application.**

- Figure 6F included in the updated TIS shows the traffic patterns should the existing diverter be changed to a cul-de-sac or if it is gated. If it is decided to gate Maple Avenue at the existing diverter, access through the gate would be restricted to emergency response vehicles only. As such, the traffic flow pattern would generally be the same whether the existing diverter is changed to a cul-de-sac or is gated. Based on existing travel patterns, existing traffic travelling northbound on Maple Avenue through the existing diverter would be rerouted to Harlem Avenue via westbound Jackson Boulevard.

- The eastbound Adams traffic movements shown in Figure 6E have been corrected. These volumes are actually for a garage access located opposite and slightly offset to the south of Adams Street off Maple Avenue and are negligible.
- Figure 6G included in the updated TIS shows the traffic patterns assuming the diverter south of Monroe is kept in its existing state, and southbound Maple is closed at Jackson.

- 12. Provide conceptual drawings of modifications to existing driveway apron geometry to minimize illegal maneuvers to bypass diverter going southbound and include with proposed development scope and include on civil plans.**

As previously noted, modifications to the existing driveway apron make it difficult for truck access. As such, no modifications are proposed. As also noted in the TIS, there is already sufficient signage at the diverter to prevent vehicles from illegally proceeding south of the diverter on Maple Avenue.

- 14. The originally proposed gate may be evaluated as an alternative to the cul-de-sac option. Provide response to original comment #14.**

Please see response to Comment # 11 above.

- 15. The Village has received feedback from residents in the 3 homes north of the diverter, west side of Maple, about vehicles using their driveways for 3 point turns. Please include consider how to address those vehicles as well.**

Please see response to Comment #12 above. Further, if it is decided to gate or cul-de-sac Maple Avenue at the existing cul-de-sac, additional signage has been recommended to further deter non-local traffic from proceeding south on Maple Avenue, south of Monroe Street. Please refer to Figure 6D in the TIS.

- 17. The revised civil drawings in the PD application show a new driveway apron location for the parking lot to address the previous comment "*The ER drop off area location requires cars to do a U turn to then access the parking lot north of the alley. Revise access to parking lot to eliminate the need to do a U turn to access parking lot from ER drop off area and show turning radii to verify U turns are not required.*" Revise to make TIS consistent with site plans.**

The TIS has been updated to be consistent with the site plans.

18. **The revised civil drawings in the PD application show a new driveway apron location for the parking lot to address the previous comment: "The U turn also requires removing of on street parking on Maple which is overnight permits." Revise to make TIS consistent with site plans and provide summary of on-street permit parking loss.**

The TIS has been updated to be consistent with the site plans. It is estimated that five on-street parking spaces on the west side of Maple Avenue will need to be removed to accommodate the proposed ER port-cochere: four spaces between the alley and Madison Street; one space just south of the alley.

21. **Figure B in Appendix to TIS shows 10 foot traffic lanes. You need a minimum of a 12' lane for the curb lane and 11' minimum (12' preferred) for other through lanes. 10 feet can only be used for the turn lane width. Also the lane shift does not show how it affects parking on the south side of Madison west of Maple. Revise to show proposed geometry and parking loss from Harlem to Wisconsin.**

Figure B has been updated based on the above and is included in the updated TIS.

27. **Include recommended way-finding signage with proposed development project and show on civil plans.**

To be included by others.

30. **If a closure of Maple at the current diverter is proposed as part of the development show revised vehicle routing. The existing diverter north of Adams has approximately thirty-four (34) vehicles/hour traveling northbound (roughly 340 ADT).**

Please see response to Comment #11 above.

#### **Tab 14: Parking Study**

33. **Parking study is not included with application. Include the narrative in the KLOA response regarding how the northerly parking lot will be utilized as part of Tab 14 for the Parking Study along with a summary of parking loss which includes the on-street parking loss associated with the Madison reconfiguration, the loss of on-street parking on Maple Avenue by the new ER, and the on-street parking loss associated with the proposed cul-de-sac.**

To be completed by others.

# Traffic Impact Study

## Proposed Emergency Room Relocation Oak Park, Illinois



Prepared for:

 **RUSH**  
OAK PARK HOSPITAL

Prepared by:

**KLOA**  
Kenig, Lindgren, O'Hara, Aboona, Inc.

June 29, 2017



## Introduction

This report summarizes the methodologies, results and findings of a traffic impact study conducted by Kenig, Lindgren, O'Hara, Aboona, Inc. (KLOA, Inc.) for the proposed emergency room expansion and relocation for the Rush Oak Park Hospital campus located at 520 South Maple Avenue in Oak Park, Illinois.

The emergency room is currently located on the east side of the main hospital building with access off Wisconsin Avenue. The plans call for the expanded emergency room to be relocated to the west side of the main hospital building with access off Maple Avenue. A lay-by is proposed on the east side of Maple Avenue to allow for the vehicle drop-off/pick-up of passengers. Ambulances will access the new emergency room from the existing truck delivery access drive off Madison Street, located between Maple Avenue and Wisconsin Avenue. **Figure 1** shows the location of the site in relation to the area roadway system. **Figure 2** shows a proposed site plan of the relocated emergency room with the proposed pick-up/drop-off lay-by and the ambulance entrance off Madison Street.

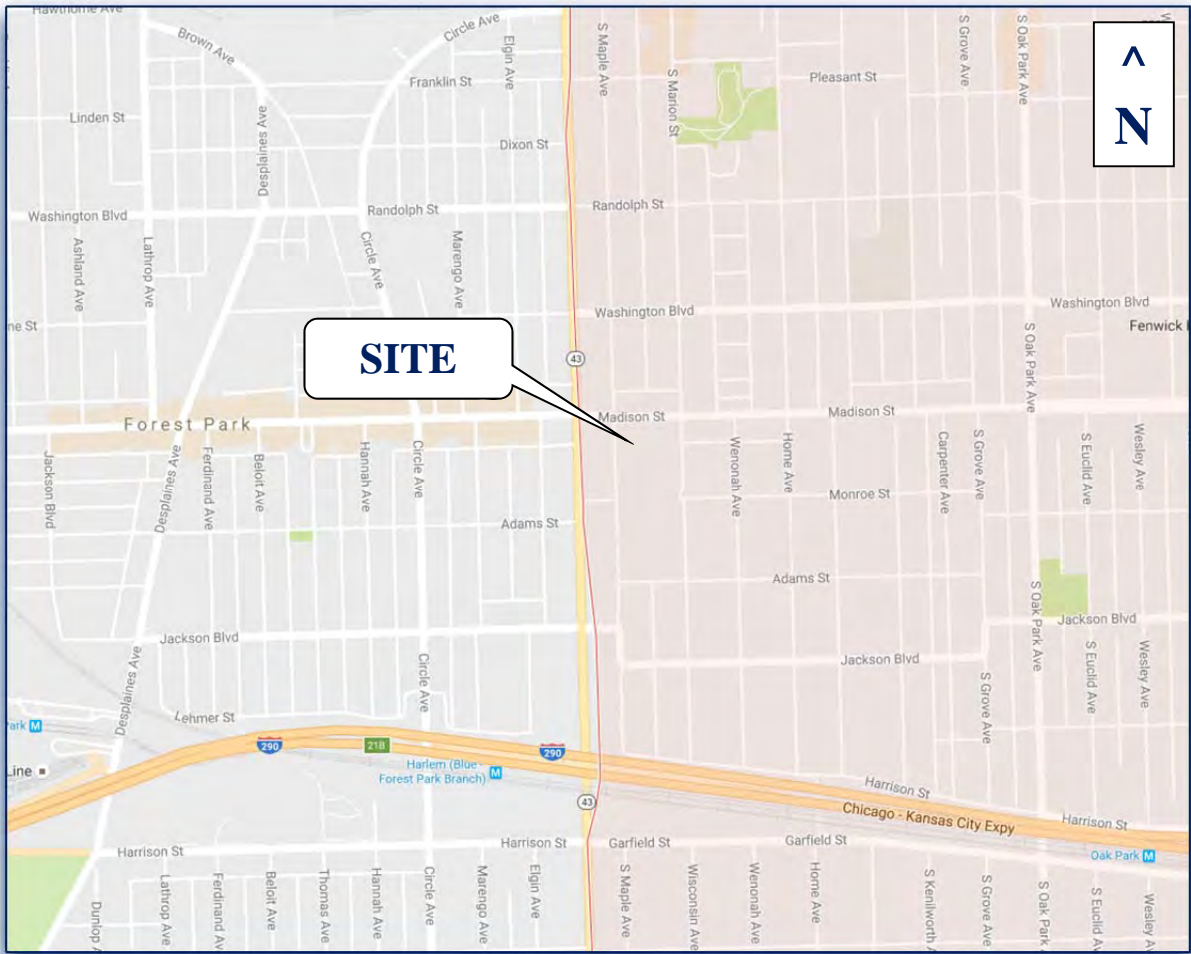
Access to the ROPH campus will continue to be primarily from Harlem Avenue via Monroe Street and Madison Street via Maple Avenue and Wisconsin Avenue. With the exception of the proposed lay-by for the proposed emergency room with access on Maple Avenue, no new access driveways are proposed as part of this conceptual plan.

The following sections of this report present the following.

- Existing roadway characteristics
- Existing weekday morning and weekday evening peak hour traffic volumes
- A detailed description of the proposed development
- Vehicle trip generation for the proposed development
- Directional distribution of development-generated traffic
- Future transportation conditions including access to and from the development

Traffic capacity analyses were conducted for the weekday morning and weekday evening peak hours for the following two conditions.

1. Existing Condition - Analyzes the capacity of the existing roadway system using existing peak hour traffic volumes to establish a base condition.



**Site Location**

**Figure 1**



Proposed Site Plan

Figure 2

2. Future Condition (Year 2022) – This condition projects total Year 2022 traffic conditions, which includes the existing traffic volumes increased by a regional growth factor plus the estimated development-generated traffic from the proposed emergency room expansion.

The purpose of this study is as follows:

1. To examine existing roadway and traffic conditions to establish a base condition
2. Determine the vehicle trips to be generated by the proposed development and then determine its impact on the surrounding roadway network
3. Determine the roadway, traffic control, and/or pedestrian mobility improvements needed within the traffic study area to accommodate both the traffic from the proposed development as well as anticipated traffic projections for Year 2022 total traffic conditions.
4. Determine the parking demand and parking area designation for the proposed emergency room.

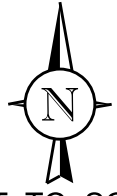
## Existing Conditions

Existing traffic and roadway conditions were documented based on field visits and previous traffic counts conducted by KLOA, Inc. The following provides a detailed description of the physical characteristics of the roadways including geometry and traffic control and adjacent land uses along area roadways.

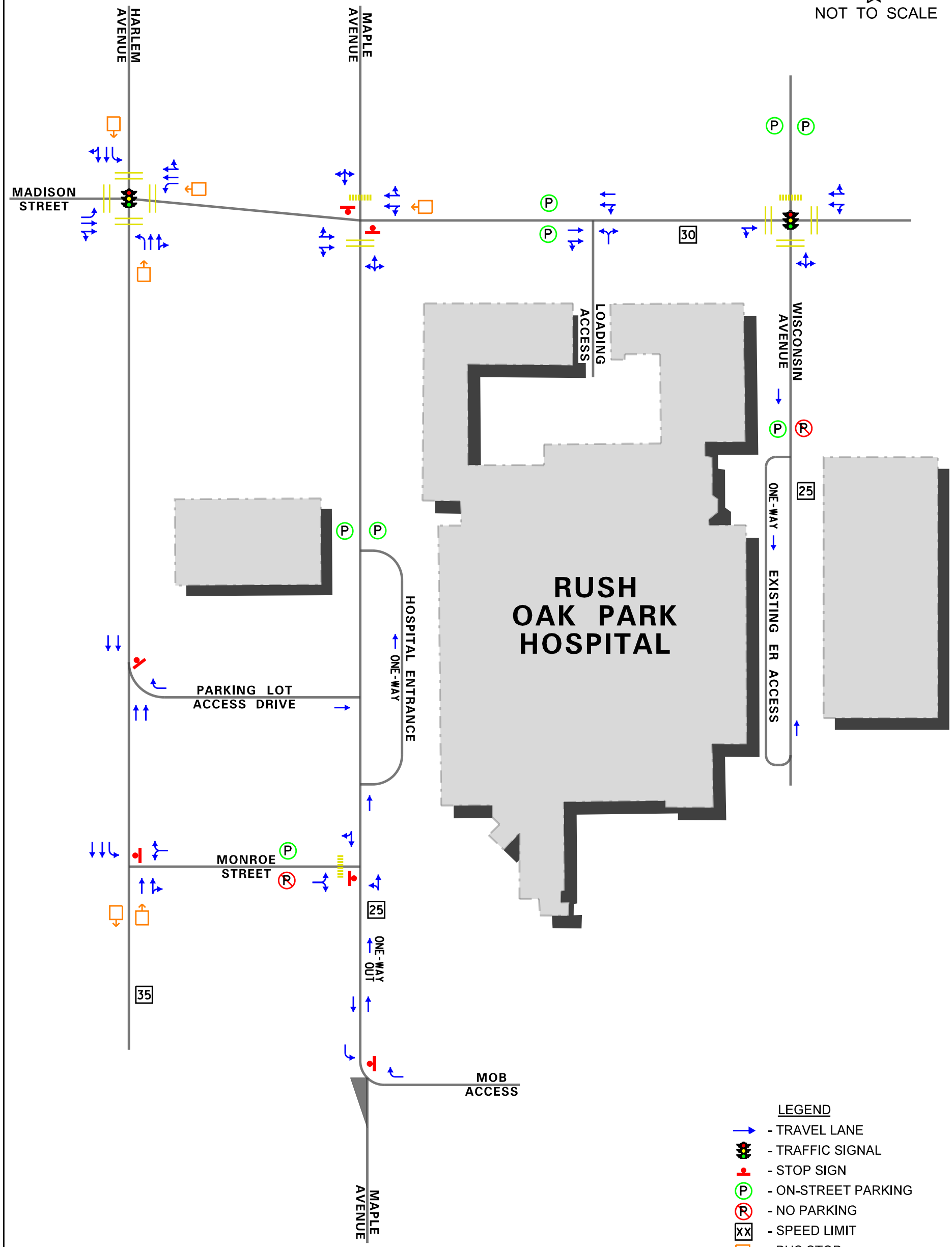
### Existing Roadway System Characteristics

The characteristics of the existing roadways that surround the proposed development are illustrated in **Figure 3** and described below.

*Harlem Avenue (Illinois State Route 43)* is a north-south arterial roadway that provides two through lanes in each direction and has a posted speed limit of 35 mph. Sidewalks are provided on both sides of the roadway, and parking is restricted on both sides of the roadway. Harlem Avenue is served by CTA Bus Route 307 and has several bus stops (sign only) for both directions of travel on Harlem Avenue in the vicinity of the campus. Harlem Avenue is under the jurisdiction of the Illinois Department of Transportation (IDOT). According to IDOT's website, Harlem Avenue carries an ADT of 37,000 vehicles.



NOT TO SCALE



- LEGEND**
- TRAVEL LANE
  - TRAFFIC SIGNAL
  - STOP SIGN
  - ON-STREET PARKING
  - NO PARKING
  - SPEED LIMIT
  - BUS STOP
  - CROSSWALK
  - CONTINENTAL CROSSWALK

ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

EXISTING ROADWAY CHARACTERISTICS

**KLOA**  
Kenig, Lindgren, O'Hara, Aboona, Inc.  
Job No: 16-170      Figure: 3



*Madison Street* is an east-west roadway that provides two lanes in each direction. Parking is permitted on both sides of the roadway and is limited to two-hour parking between 9:00 A.M. and 5:00 P.M. Monday through Saturday. Madison Street is under the jurisdiction of the Village of Oak Park, has an average daily traffic (ADT) volume of 17,400 vehicles, and a posted speed limit of 30 miles per hour. Madison Street is served by CTA Bus Route 320 and has several bus stops (sign only) for both directions of travel on Madison Street in the vicinity of the campus.

*Maple Avenue* is a north-south two-lane local road providing one lane in each direction. South of Monroe Street and just south of the access drive serving the professional medical office building on the east side of the road, a bump-out restricts vehicles from continuing southbound, only allowing northbound through vehicles. Two-way traffic flow is continued on Maple Avenue south of the bump-out. Parking is permitted on both sides of the street and the posted speed limit is 25 mph. North of Monroe Street, Maple Avenue provides access to a ROPH parking lot on the west side of the roadway, and also access to the port-cochere for the main entrance to the hospital that has a one-way northbound orientation. Maple Avenue is under the jurisdiction of the Village of Oak Park.

*Wisconsin Avenue* is a north-south two-lane local road providing one lane in each direction. Parking is permitted on both sides of the street and the posted speed limit is 25 mph. Wisconsin Avenue currently provides access to the existing emergency room port-cochere, which has a one-way southbound orientation, as well as the hospital parking garage located on the east side of Wisconsin Avenue. Wisconsin Avenue is under the jurisdiction of the Village of Oak Park.

### **Existing Traffic Volumes**

Manual turning movement traffic counts were conducted on Thursday, May 19, 2016 during the morning (7:00 to 9:00 A.M.) and the evening (4:00 to 6:00 P.M.) peak hour periods and on Saturday, May 21, 2016 (12:00 to 2:00 P.M.) at the following seven intersections.

1. Harlem Avenue and Madison Street (signal)
2. Wisconsin Avenue and Madison Street (signal)
3. Maple Avenue and Madison Street (stop sign)
4. Maple Avenue and Monroe Street (stop sign)
5. Harlem Avenue and Monroe Street (stop sign)
6. Parking Lot Access Drive/Monroe Street (stop sign)
7. Hospital Port-Cochere Drives and Monroe Street (stop sign)

From the manual turning movement count data, it was determined that the weekday morning peak hour generally occurs between 7:15 and 8:15 A.M. and the weekday evening peak hour generally occurs between 5:00 and 6:00 P.M. These two respective peak hours will be used for the traffic capacity analyses and are presented later in this report.

The existing vehicle peak hour traffic volumes and the respective ADTs are shown in **Figure 4**.

The existing pedestrian and bicycle peak hour traffic volumes are shown in **Figure 5**.

### **Field Observations**

The following observations were noted during the weekday peak periods.

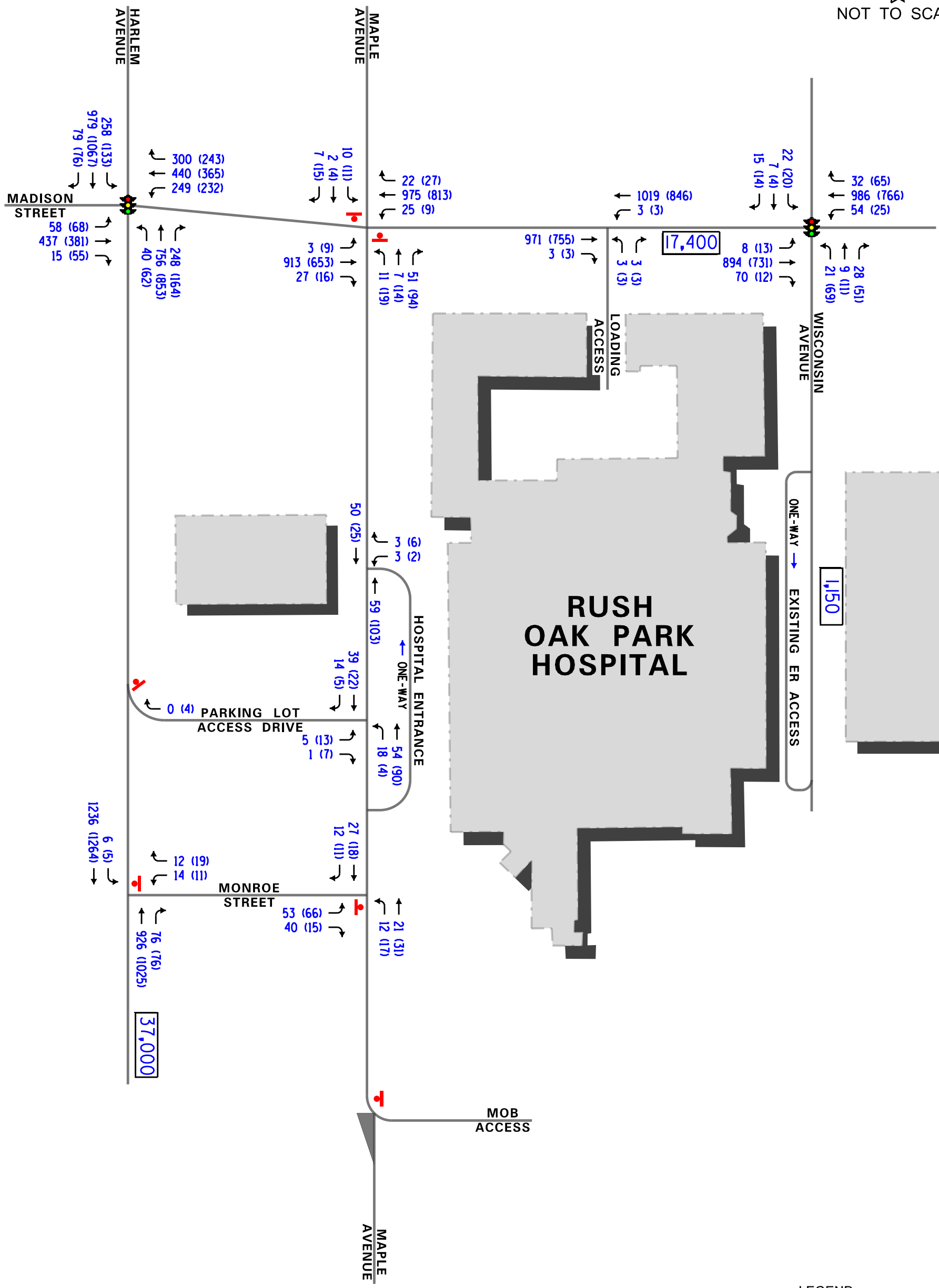
- Pedestrian and bicycle activity was observed and reported to be low at the study intersections.
- Westbound traffic on Madison Street stopped at Harlem Avenue was frequently queued past Maple Avenue, particularly during the weekday morning peak hour. This queue was observed to typically clear the Harlem Avenue traffic signal by the next green phase.
- Northbound traffic on Harlem Avenue stopped at Madison Street was frequently queued past Monroe Street. Vehicles desiring to turn left from Monroe Street to travel southbound on Harlem Avenue had to wait for courtesy gaps in queuing traffic to be able to pull out onto Harlem Avenue. This primarily observed during the weekday evening peak hour, but also did occur during the weekday morning peak hour.
- No turning movement conflicts or back-ups were observed on Maple Avenue between Monroe Street and Madison Street.

### **Madison Street Improvements**

Streetscape improvements are proposed for Madison Street to reduce the four-lane roadway to one lane with a dedicated bicycle lane in each direction. High-visibility crosswalks will be provided on all major crossings along the corridor, including the signalized intersections at Harlem Avenue and at Wisconsin Avenue. At its westbound approach to Harlem Avenue, Madison Street will continue to provide two through lanes through the intersection. Further, the westbound left-turn lane, which currently provides approximately 90 feet of storage, will be extended to provide approximately 300 feet of storage. This westbound left-turn lane will then extend east of Maple Avenue and ending just before reaching the existing access drive that will become the ambulance driveway access to the ROPH campus. These improvements are under consideration and may be implemented in the next few years.



NOT TO SCALE



**LEGEND**

- 00 - AM PEAK HOUR (7:15-8:15 AM)
- (00) - PM PEAK HOUR (5:00-6:00 PM)
- 00 - AVERAGE DAILY TRAFFIC (ADT)

ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

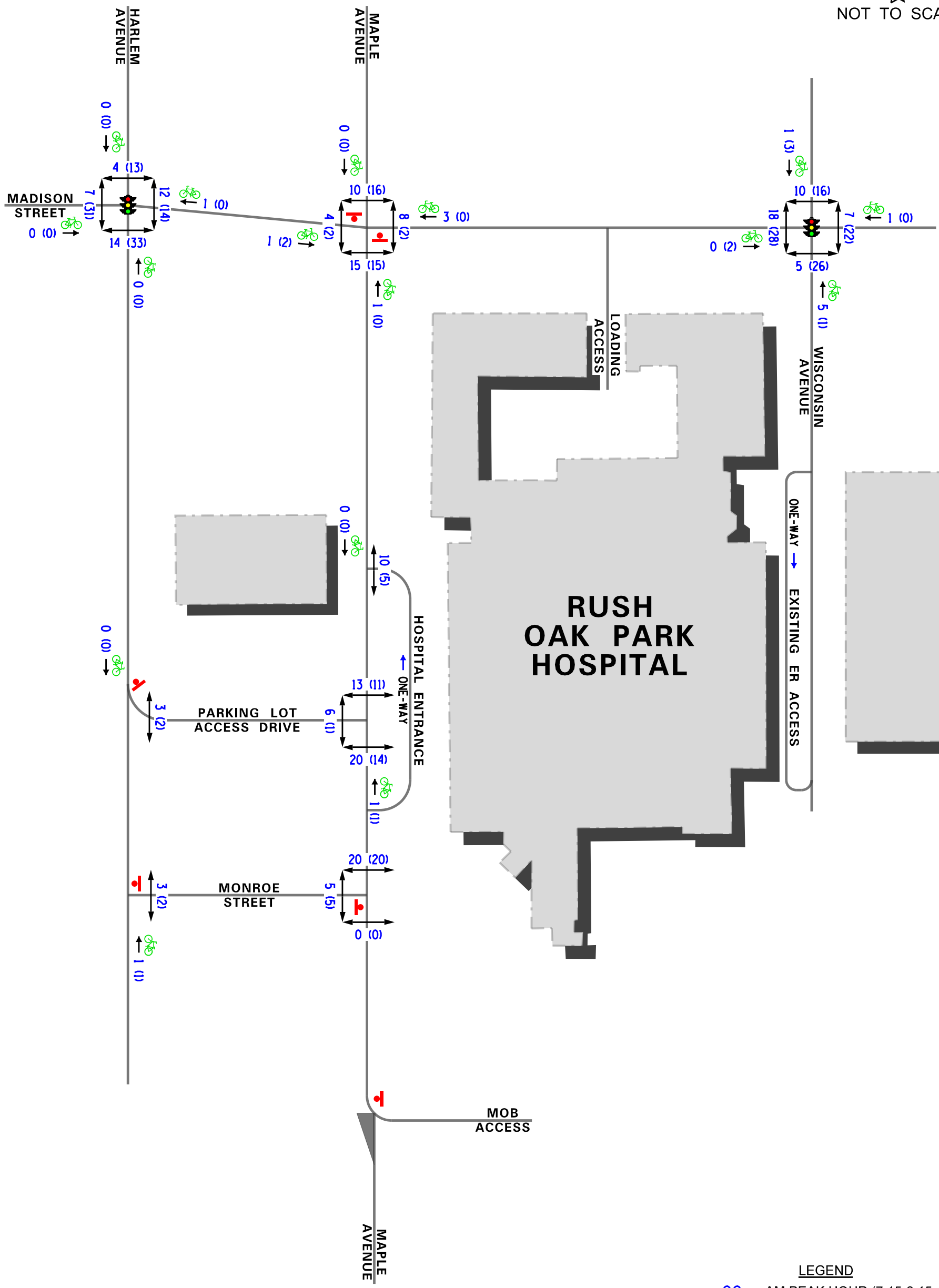
**EXISTING TRAFFIC VOLUMES**

**KLOA**  
Kenig, Lindgren, O'Hara, Aboona, Inc.  
Job No: 16-170      Figure: 4





NOT TO SCALE



**LEGEND**

- 00 - AM PEAK HOUR (7:15-8:15 AM)
- (00) - PM PEAK HOUR (5:00-6:00 PM)
- 00 (00) - PEDESTRIAN VOLUME
- 00 (00) → - BICYCLE VOLUME

ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

**EXISTING PEDESTRIAN AND BICYCLE TRAFFIC VOLUMES**

**KLOA**  
Kenig, Lindgren, O'Hara, Aboona, Inc.  
Job No: 16-170      Figure: 5

## Maple Avenue Corridor

The following is a discussion regarding the Maple Avenue Corridor from Madison Street to south of the existing bump-out/diverter and the proposed improvements to this corridor.

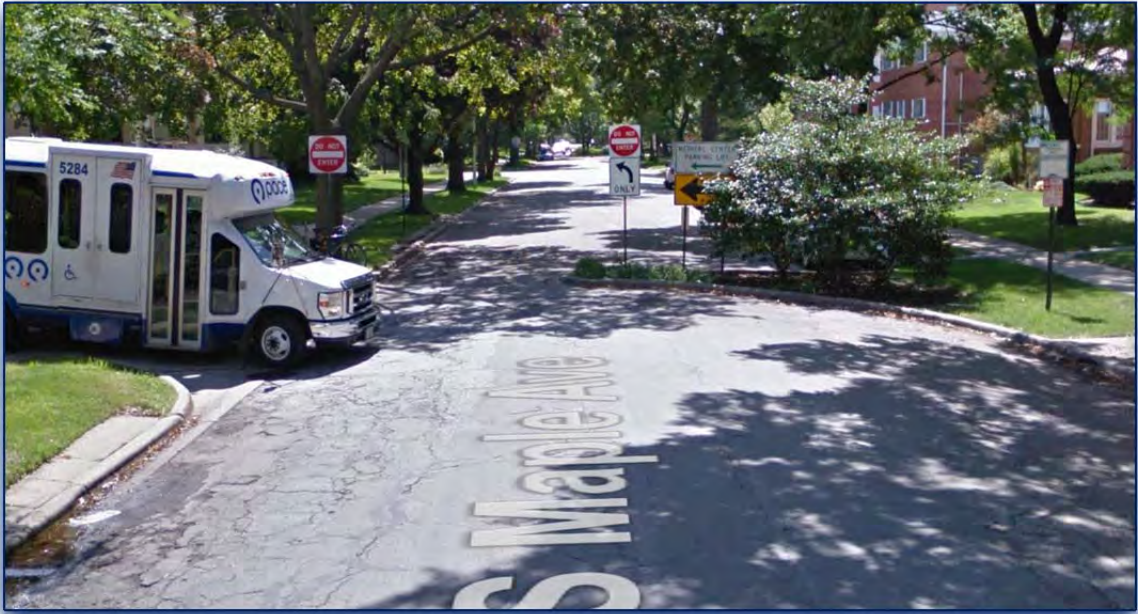
### Maple Avenue Southbound Through Traffic at Bump-Out/Diverter

As noted, south of Monroe Street and just south of the access drive serving the professional medical office building on the east side of the road, a bump-out restricts vehicles from continuing southbound, only allowing northbound through vehicles. The bump-out restricts traffic to northbound only. The northbound through traffic is under freeflow conditions. Do Not Enter signage is posted on either side of the northbound through lane facing opposing traffic to deter vehicles from continuing southbound on Maple Avenue. In addition, a left-turn only sign is posted to direct southbound vehicles to turn into the access drive, rather than proceeding southbound on Maple Avenue. Further, the medical access drive has a narrow, barrier median that channelizes exiting vehicles to right-turn movements only.

**Figure 6A** shows a street view of Maple Avenue from the vantage point of a vehicle travelling southbound as it approaches the bump-out. **Figure 6B** shows a street view of Maple Avenue from the vantage point of a vehicle travelling northbound as it approaches the bump-out.

It is important to note that to continue southbound on Maple Avenue past the bump-out, vehicles travelling southbound on Maple Avenue have to proceed left-of-center and enter the northbound through only lane that is created by the bump-out, and then steer right.

As a result of concerns raised in neighborhood meetings as to the effectiveness of this bump-out, traffic counts were conducted at the bump-out/access drive on Maple Avenue for 72-hours beginning midnight on Tuesday, December 6, 2016 to Thursday, December 8, 2016. The counts were reviewed to quantify the number of vehicles proceeding southbound on Maple Avenue that proceed south of the bump-out (southbound through movement) and the left-turning vehicles that are exiting from the access drive and proceeding southbound on Maple Avenue past the bump-out (westbound left-turn movement).



Maple Avenue – Looking Southbound at Bump-Out

Figure 6A



Maple Avenue – Looking Northbound at Bump-Out

Figure 6B

**Table 1** shows the hourly volumes for each movement for each of the three days, the total volumes for each movement for each day, and the average hourly and daily volumes for all three days.

As Table 1 shows, the bump-out on Maple Avenue, south of Monroe Street, has a limited effect in deterring southbound travelling vehicles from continuing south of the bump-out that is designed to physically restrict traffic movements to northbound through traffic only.

The following options were considered to further enhance this roadway restriction.

- Improve the signage, which may include advanced warning signage at Monroe Street.
- Modify the access drive to the medical office building to provide enhanced physical restrictions via channelization to physically restrict and channelize vehicles to outbound right-turning movements only. Signage should also be added indicating the restriction.
- Improve enforcement of the restrictions.
- Alternatively, gate Maple Avenue at the bump-out (similar to the existing gate at the Wisconsin Avenue/Monroe Street intersection) with access restricted to emergency response vehicles only. Signage should be posted on Maple Street at Adams Street indicating the closure of the road to the north.
- Alternatively, close Maple Avenue with a cul-de-sac in place of the existing bump-out.

### **Cul-de-sac on Maple Avenue**

In conjunction with the proposed development, a cul-de-sac is proposed to be constructed at the existing bump-out, south of Monroe Street. The cul-de-sac will be designed to block traffic from proceeding northbound (or southbound) on Maple Avenue. As such, Maple Avenue, between Monroe Street and the proposed cul-de-sac, will continue to serve the single-family homes fronting Maple Avenue on the west side and the medical office building access drives on the east side. **Figure 6C** shows the proposed geometry and landscaping for the cul-de-sac design.



Table 1  
MAPLE AVENUE TRAFFIC VOLUMES

Hour Begin	Tuesday			Wednesday			Thursday			Average			
	SBT	WBL	Total	SBT	WBL	Total	SBT	WBL	Total	SBT	WBL	Total	
12:00 AM	1	0	1	0	0	0	0	1	1	1	1	1	2
1:00 AM	0	0	0	0	0	0	1	0	1	1	1	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	1	0	1	0	2	2	0	1	1	1
4:00 AM	0	0	0	0	1	1	0	0	0	0	1	1	1
5:00 AM	1	0	1	1	0	1	0	2	2	1	1	2	2
6:00 AM	4	1	5	4	1	5	5	1	6	4	1	5	5
7:00 AM	3	1	4	5	2	7	8	3	11	5	2	7	7
8:00 AM	2	1	3	4	1	5	1	1	2	2	1	3	3
9:00 AM	3	0	3	1	3	4	2	2	4	2	2	4	4
10:00 AM	11	1	12	4	1	5	3	2	5	6	1	7	7
11:00 AM	9	6	15	3	3	6	4	3	7	5	4	9	9
12:00 PM	5	3	8	5	3	8	10	4	14	7	3	10	10
1:00 PM	5	2	7	9	3	12	10	2	12	8	2	10	10
2:00 PM	10	3	13	8	2	10	1	6	7	6	4	10	10
3:00 PM	6	7	13	7	3	10	15	4	19	9	5	14	14
4:00 PM	7	2	9	8	6	14	13	3	16	9	4	13	13
5:00 PM	4	6	10	6	5	11	10	1	11	7	4	11	11
6:00 PM	7	0	7	6	6	12	5	6	11	6	4	10	10
7:00 PM	6	3	9	3	1	4	2	2	4	4	2	6	6
8:00 PM	6	1	7	2	2	4	3	1	4	4	1	5	5
9:00 PM	5	0	5	2	0	2	9	2	11	5	1	6	6
10:00 PM	1	3	4	2	0	2	1	0	1	1	1	2	2
11:00 PM	<u>2</u>	<u>2</u>	<u>4</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>
<b>Total:</b>	<b>98</b>	<b>42</b>	<b>140</b>	<b>82</b>	<b>44</b>	<b>126</b>	<b>103</b>	<b>48</b>	<b>151</b>	<b>94</b>	<b>47</b>	<b>141</b>	<b>141</b>

- SBT = Southbound Through Movement. Vehicles proceeding south on Maple Avenue past the bump-out.
- WBL = Westbound Left-turn Movement. Vehicles making an exiting left-turn from the access driveway and proceeding south on Maple Avenue past the bump-out.



A cul-de-sac is proposed for the following reasons.

- Existing traffic data shows that the existing bump-out is not deterring southbound traffic, either from Maple Avenue or the medical access drive, from proceeding southbound on Maple Avenue past the bump-out.
- Gating Maple Avenue at the bump-out will result in a dead end situation without a turnaround for vehicles.
- Providing a cul-de-sac allows for easier turnaround for residents leaving to the south.
- Signage is subject to enforcement.

To further enhance and enforce the closure of Maple Avenue, the following signage is recommended. **Figure 6D** illustrates the signage locations and descriptions.

- Post a Dead End/Local Traffic Only sign on Maple Avenue, just south of Monroe Street. This signage will direct southbound traffic on Maple Avenue to Monroe Street to exit onto Harlem Avenue.
- On Monroe Street, just west of Maple Avenue, post a Dead End/Local Traffic Only sign with a right arrow for eastbound traffic.
- Post a Dead End/Local Traffic Only sign on Maple Avenue, just north of Adams Street to deter non-local vehicles travelling northbound on Maple Avenue to proceed all the way to the cul-de-sac.
- As a possible temporary measure, a sign should be posted at Jackson Boulevard alerting northbound drivers that Maple Avenue is closed north of Adams Street and there is no access to the ROPH campus.

### **Impact of Cul-de-sac on Maple Avenue**

To evaluate the impact of closing Maple Avenue and installing a cul-de-sac at the existing bump-out, peak hour traffic counts were conducted on Tuesday, May 23, 2017 at the intersections of Maple Avenue with Adams Street and Jackson Boulevard. **Figure 6E** shows the weekday morning and weekday evening traffic volumes.

As shown in Figure 6E, there is a low volume of peak hour traffic that travels northbound on Maple Avenue north of Jackson Boulevard. Further, a majority of the westbound traffic on Adams Street at its intersection with Maple Avenue continues south to Jackson Boulevard, where it continues west to Harlem Avenue. Providing a cul-de-sac on Maple Avenue will further reduce the amount of traffic turning northbound onto Maple Avenue from Adams Street and will divert this traffic to Harlem Avenue via Jackson Boulevard. **Figure 6F** illustrates the traffic flow pattern assuming a cul-de-sac at the existing bump-out.

Therefore, providing a cul-de-sac on Maple Avenue at the existing bump-out will help to further remove through traffic from the neighborhood/local streets and will have a low impact on the existing circulation throughout the adjoining roadway network.

It is important to note that the total projected traffic conditions discussed later in this report assumes the cul-de-sac on Maple Avenue.

### **Gate Maple Avenue at Existing Bump-Out**

As noted, another alternative is to gate Maple Avenue at the bump-out, similar to the existing gate at the Wisconsin Avenue/Monroe Street intersection. The gate would be accessible and restricted to emergency response vehicles only.

Signage similar to what is illustrated in Figure 6D is recommended to warn drivers of the closure. Figure 6F illustrates the traffic flow pattern as a result of this alternative improvement.

### **Close Southbound Maple Avenue at Jackson Boulevard**

A further alternative to reduce non-compliant southbound vehicles on Maple Avenue is to close southbound Maple Avenue at its intersection with Jackson Boulevard. This closure will also impact local traffic on westbound Adams Street that currently turns south at Maple Avenue to access Harlem Avenue via Jackson Boulevard. This diverted traffic would then either need to travel southbound to Jackson Boulevard via Wisconsin Avenue, Wenonah Avenue, or Home Avenue, or proceed north through the diverter on Maple Avenue to access Harlem Avenue via Monroe Street. Further, closing southbound Maple Avenue at Jackson Boulevard will require modification to Maple Avenue to provide for a turnaround at this closure, considering northbound free-flow traffic on Maple Avenue will continue to be allowed. Lastly, this closure will remove on-street parking on the west side of Maple Avenue near Jackson Boulevard, at a minimum.

**Figure 6G** illustrates the traffic flow pattern as a result of this alternative improvement.



## Comparison of Maple Avenue Alternatives

The following summarizes the comparisons of the three Maple Avenue alternatives.

### Cul-de-Sac on Maple Avenue

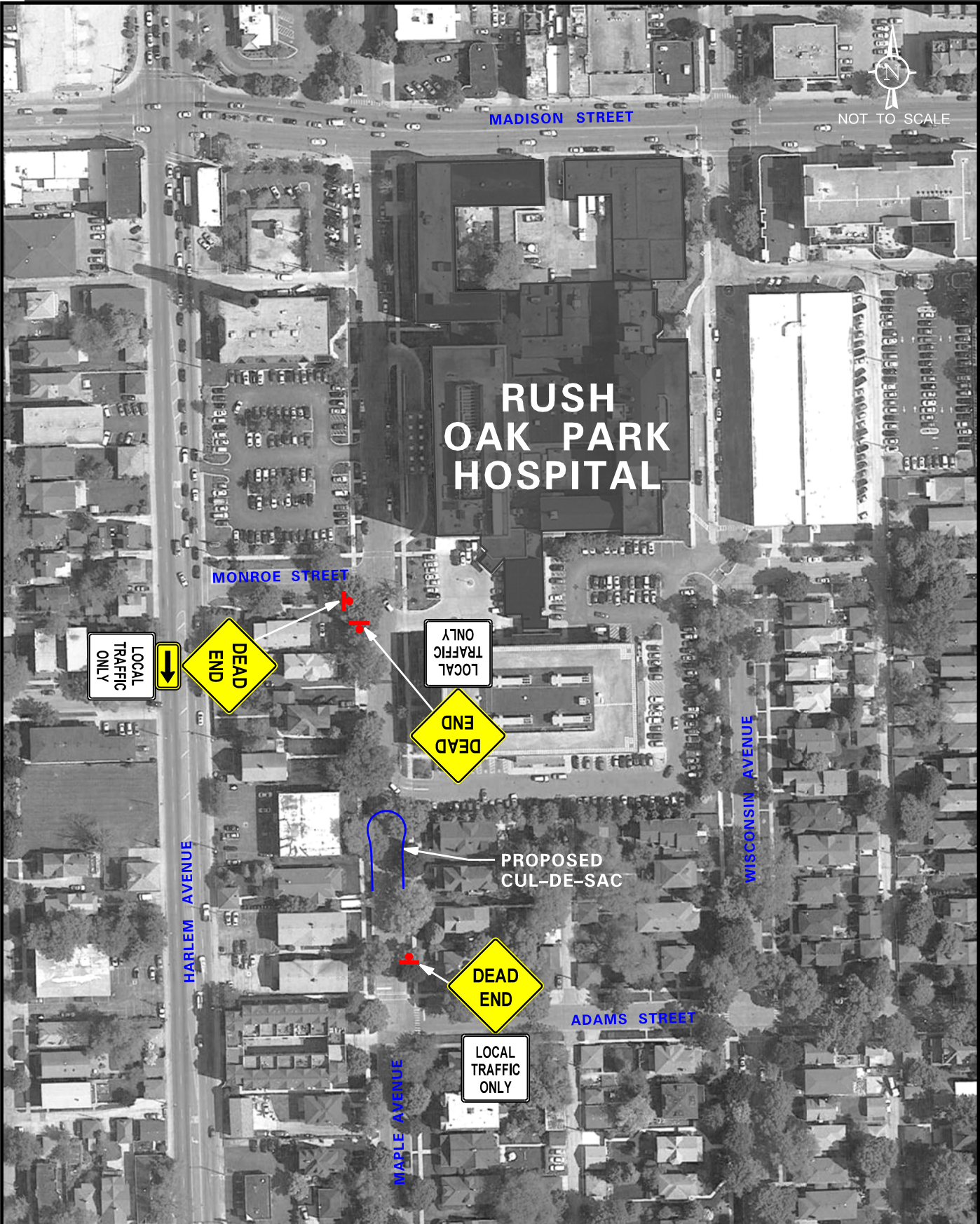
- Disconnects Maple Avenue, thereby removing all cross-traffic, including emergency response vehicles.
- Existing northbound traffic will access Harlem Avenue via Jackson Boulevard.
- All hospital traffic using Maple Avenue will be restricted to Harlem Avenue or Madison Street.
- A turnaround on Maple Avenue will be needed.
- On-street residential parking will be lost to accommodate the turnaround.
- Additional signage will be needed alerting drivers of the dead end.

### Gate on Maple Avenue

- Disconnects Maple Avenue, thereby removing all cross-traffic.
- Access will be restricted to emergency response vehicles only.
- Existing northbound traffic will access Harlem Avenue via Jackson Boulevard.
- All hospital traffic using Maple Avenue will be restricted to Harlem Avenue or Madison Street.
- A turnaround on Maple Avenue will be needed.
- On-street residential parking will be lost to accommodate the turnaround.
- Additional signage will be needed alerting drivers of the dead end.

### Close Southbound Maple Avenue at Jackson Boulevard

- Existing westbound traffic on Adams will either proceed northbound on Maple Avenue to Monroe Street, or travel south to Jackson Boulevard via one of the existing north-south residential streets to the east of Maple Avenue.
- Further prevents non-compliant drivers who continue southbound on Maple Avenue at the diverter.
- Arriving hospital traffic will still be able to travel north of the existing bump-out on Maple Avenue.
- A turnaround on Maple Avenue will be needed.
- Additional signage will be needed alerting drivers of the dead end.
- On-street residential parking will be lost to accommodate the turnaround.

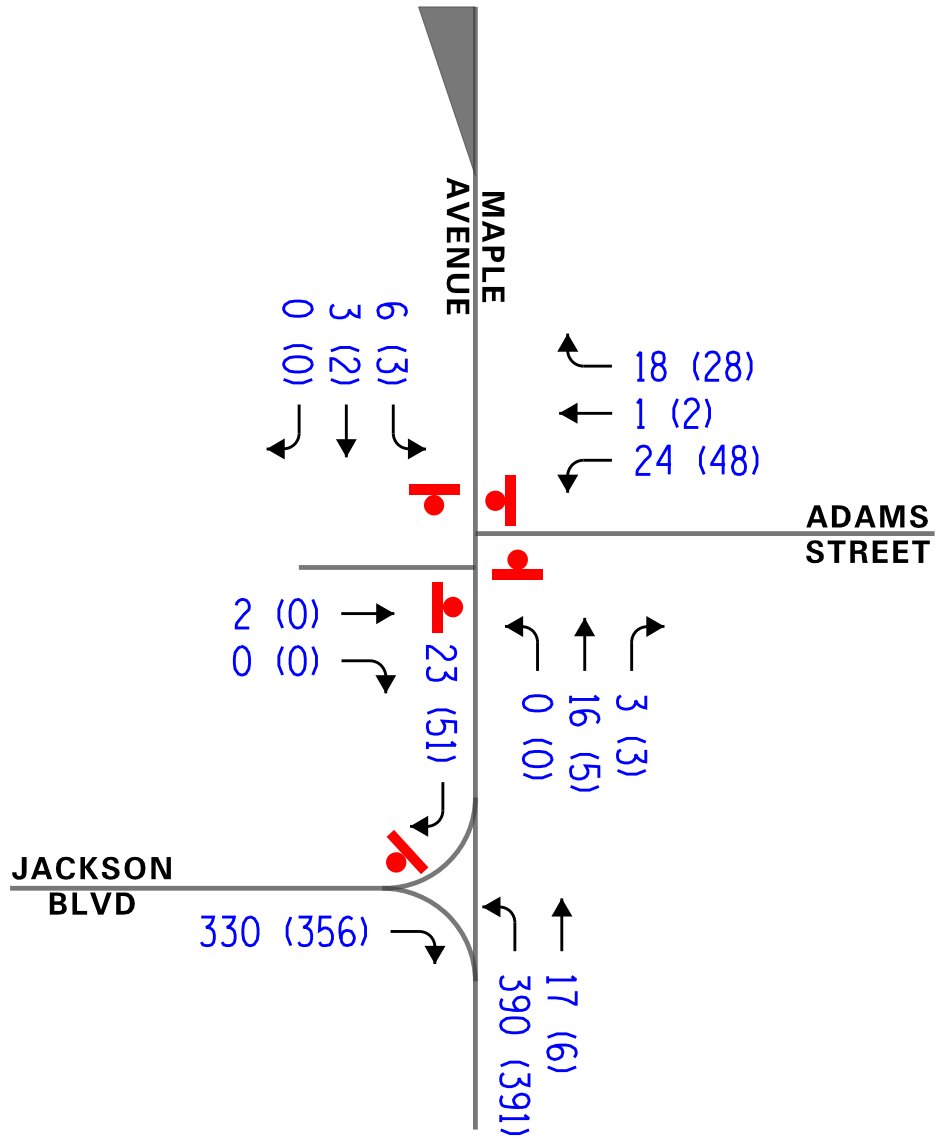


ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

Proposed Cul-De-Sac  
Advanced Warning Signage



Job No: 16-170 Figure: 6D







NOT TO SCALE

43

MADISON STREET

MAPLE AVENUE

MONROE ST

EXISTING  
DIVERTER

WISCONSIN AVENUE

WENONAH AVENUE


HOME AVENUE

ADAMS STREET

JACKSON BLVD

JACKSON BLVD

HARLEM AVENUE

**LEGEND**  
 - TRAFFIC FLOW CIRCULATION

ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

CLOSURE TO SOUTHBOUND TRAFFIC  
AT JACKSON

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Job No: 16-170 Figure: 6F





NOT TO SCALE

43

MADISON STREET

MAPLE AVENUE

MONROE ST

EXISTING DIVERTER

HOME AVENUE

ADAMS STREET


JACKSON BLVD

WISCONSIN AVENUE

WENONAH AVENUE

HARLEM AVENUE

JACKSON BLVD

**LEGEND**  
 - TRAFFIC FLOW CIRCULATION

ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

CUL-DE-SAC OR GATE AT EXISTING BUMP-OUT

**KLOA**  
 Kenig, Lindgren, O'Hara, Aboona, Inc.  
 Job No: 16-170 Figure: 6G



## Traffic Characteristics of the Proposed Development

To evaluate the impact of the development on the area roadway system, it was necessary to understand the type of development being proposed, quantify the number of vehicle trips the overall site will generate during peak hour periods, and determine the directions from which this traffic will approach and depart the site based on existing travel patterns of the ROPH campus and the location of the proposed emergency room location with respect to the surrounding roadways, roadway restrictions, and traffic control.

### Proposed Development Plan

The emergency room is currently located on the east side of the main hospital building with access off Wisconsin Avenue. The conceptual plans call for the expanded emergency room to be relocated to the west side of the main hospital building with access off Maple Avenue.

### Emergency Room Vehicle Access

A lay-by is proposed on the east side of Maple Avenue between the main entrance port-cochere and Madison Street. The lay-by, which will have a one-way northbound orientation, will be separated from the two-way traffic flow on Madison Street by a raised median. The lay-by will be wide enough to allow for two lanes. The curb side lane will be for the dropping off/picking up of passengers. The outside lane will serve as a bypass lane to those vehicles parked curbside. The outbound lanes at its intersection with Maple Avenue will be under stop sign control. According to the site plan, the lay-by is designed to provide curbside parking for approximately six vehicles without impeding on the through traffic flow on Maple Avenue.

Vehicles desiring to enter the lay-by from the north will travel southbound on Maple Avenue and make a left-turn into the lay-by area. Upon exiting the lay-by, the vehicle will have the option to turn right to proceed north to Madison Street, to turn left to proceed south on Maple Avenue to exit to Harlem Avenue via Monroe Street, or proceed through or westbound across Maple Avenue to access the existing hospital parking lot located between the east-west public alley and Madison Street. The parking lot will be modified to provide an access drive directly on Maple Avenue and the existing one-way clockwise circulation pattern will be reversed to provide a counter-clockwise rotation for easier access from the emergency room drop-off exit.

**Figure A** in the Appendix of this report shows a turning movement diagram of vehicles making the turning maneuvers to access the proposed emergency room lay-by drop-off/pick-up area. To accommodate these turning movements, on-street parking on both sides of Maple Avenue along the frontage of the lay-by may need to be removed.

### **Ambulance Access**

Ambulances currently access the hospital from Wisconsin Avenue. Under the proposed development plan, ambulances will now access the emergency room via the existing access drive on Madison Street, located between Maple Avenue and Wisconsin Avenue, which currently serves the hospital truck delivery area. The access will continue to provide one lane inbound and one lane outbound under stop sign control. The ambulances will drive into a one-way southbound enclosed garage, where doors are located at both ends of the garage and will be closed when transferring patients. As such, the ambulance operations will not conflict with the truck delivery operations. Upon exiting, the ambulance will proceed south and exit out of the enclosed garage and make a U-Turn in the turnaround area by the truck loading area, and proceed north to exit the site onto Madison Street. Ambulances will have a low impact on the driveway and turnaround operations since ambulance activity is intermittent throughout the day and its operations will be separate from the truck delivery operations.

### **Truck Delivery Access**

As noted above, the truck docks will continue to be accessed from the delivery access drive off Madison Street. The truck docks will be separate from the ambulance garage. Therefore, ambulance operations and truck delivery operations will be separated and will not impact the other. The hospital receives a minimum of 10 deliveries throughout the day.

### **ROPH Vehicle Access**

Access to the ROPH campus will continue to be primarily from Harlem Avenue via Monroe Street and also Madison Street via Maple Avenue and Wisconsin Avenue. With the exception of the proposed lay-by for the proposed emergency room with access on Maple Avenue, no new access driveways are proposed as part of this conceptual plan.

### **ROPH Pedestrian Access**

Pedestrians will continue to access the ROPH campus and proposed relocated emergency room using the existing sidewalk and crosswalk infrastructure that surrounds the campus. Recommendations to enhance pedestrian mobility in the immediate surrounding area are found further in this report.

## **Emergency Room Parking**

The existing parking lot located on the west side of Maple Avenue between the east-west public alley and Madison Street will be designated for emergency room patients and visitor use. Visitors can also continue to use the parking garage located on Wisconsin Avenue that is accessed via the intersection of Madison Street and Wisconsin Avenue.

Hospital staff and employees, specifically serving the emergency room, will continue to park in the parking garage off Wisconsin Avenue.

## **Directional Distribution of Development Traffic**

The directional distribution of how traffic will approach and depart the area was estimated based on the existing travel patterns through the study area derived from the peak hour traffic volumes, as well as the location and orientation of the proposed relocated emergency room and pick-up/drop-off area. **Figure 7** shows the directional distribution established for this development.

## **Development Traffic Generation**

The estimate of vehicle traffic to be generated by the proposed developments is based upon the proposed land uses and respective densities. The volume of traffic generated for the proposed development is typically estimated using data published in the Institute of Transportation Engineers (ITE) Trip Generation Manual, 9<sup>th</sup> Edition. However, ITE provides limited data for hospitals, specifically when isolating a single department, such as the proposed emergency room. ITE encourages the use of empirical data whenever possible when projecting traffic estimations for proposed developments.

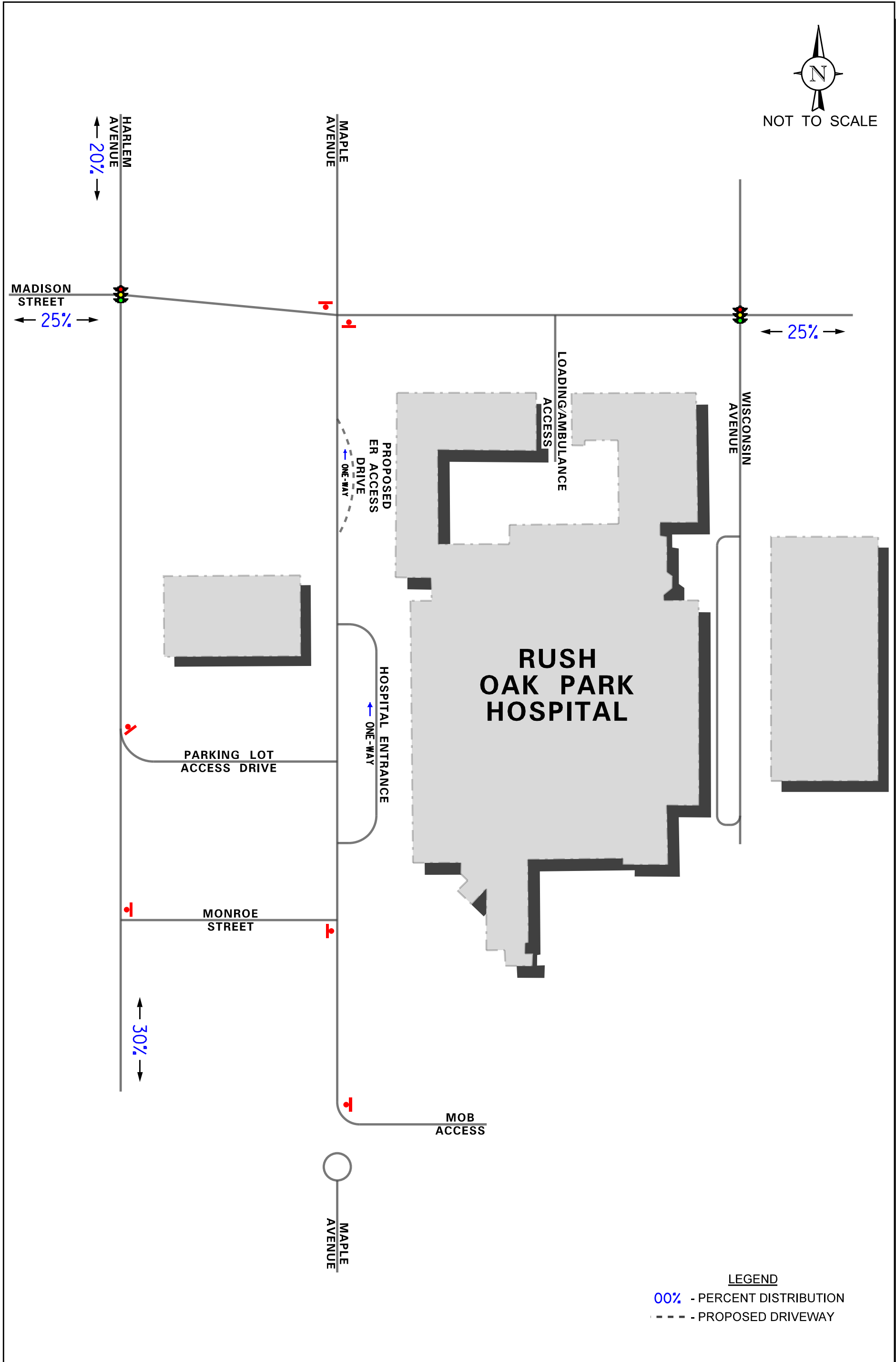
ROPH provided hourly emergency room visit information for a typical week in June 2016. From this data, the existing emergency room has an average daily attendance of 102 visits, of which, on average, there are 3 visits coinciding with the weekday morning peak hour of adjacent roadway traffic, and there are 7 visits coinciding with the weekday evening peak hour of adjacent roadway traffic. In addition, the hospital receives, on average, 12 ambulances per day.

Further data provided by ROPH, from December 2015 to May 2017, shows that the month of March was the peak month in 2016 and also the highest so far in 2017 (approximately 3,400 emergency room visits each month). However, the average daily attendance for the emergency room over this 18 month is in the range of 98 to 112 visits. As such, no seasonal adjustment is necessary to account for peak periods of emergency room activity.





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ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

ESTIMATED DIRECTIONAL DISTRIBUTION

Job No: 16-170      Figure: 7

The ROPH emergency room reported approximately 38,000 annual visits in 2015. Upon completion of the expanded and relocated emergency room, ROPH estimates annual visits to increase to 45,000 visits, which equates to an 18 percent growth in patient visits. This 18 percent growth factor was applied to the existing peak hour emergency room patient visits and ambulances to establish peak hour vehicle trips upon completion of the expanded and relocated emergency room.

Emergency room staff will continue to park in the parking garage located east of Wisconsin Avenue. No additional staff is projected as part of this relocation.

**Table 2A** tabulates the vehicle trips anticipated for this development for the weekday morning and weekday evening midday peak hours. It is important to note that these numbers are inclusive of vehicles that are already arriving/departing the existing emergency room. The traffic generated by the existing emergency room was not removed. Therefore, the projected estimates are conservative and present a worst-case scenario.

Further, it is important to note that traffic counts at the existing ER drop off area/port-cochere on Wisconsin Avenue were conducted for a 72-hour period beginning Tuesday, May 23, 2017 to Thursday, May 25, 2017. The traffic was classified between ambulances and passenger vehicles. The data shows that the ER drop off area had a daily average of 70 passenger vehicles and 10 ambulances. As such, this data confirms the hourly peak traffic accessing the ER for both passenger vehicles and ambulances. This data is included in the Appendix of this report. **Table 2B** summarizes the daily average, as well as the weekday morning and weekday evening average totals by passenger vehicle and ambulance.

### **Development Traffic Assignment**

The peak hour traffic volumes projected to be generated by the proposed development (refer to Table 2) were assigned to the area roadways based on the directional distribution analyses (Figure 7) and are shown in **Figure 8**.

Table 2A

**ESTIMATED DEVELOPMENT-GENERATED TRAFFIC VOLUMES**

Source	Type/Size	Weekday A.M. Peak Hour		Weekday P.M. Peak Hour	
		In	Out	In	Out
ROPH	Emergency Room	4	4	8	8
ROPH	Ambulance	<u>4</u>	<u>4</u>	<u>4</u>	<u>4</u>
Total Gross Traffic: <sup>1</sup>		8	8	12	12

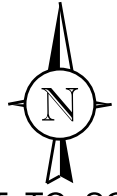
<sup>1</sup>Vehicle totals assume a new development and are not reduced to account for vehicle trips generated by the existing emergency room, thereby providing a conservative estimate.

Table 2B

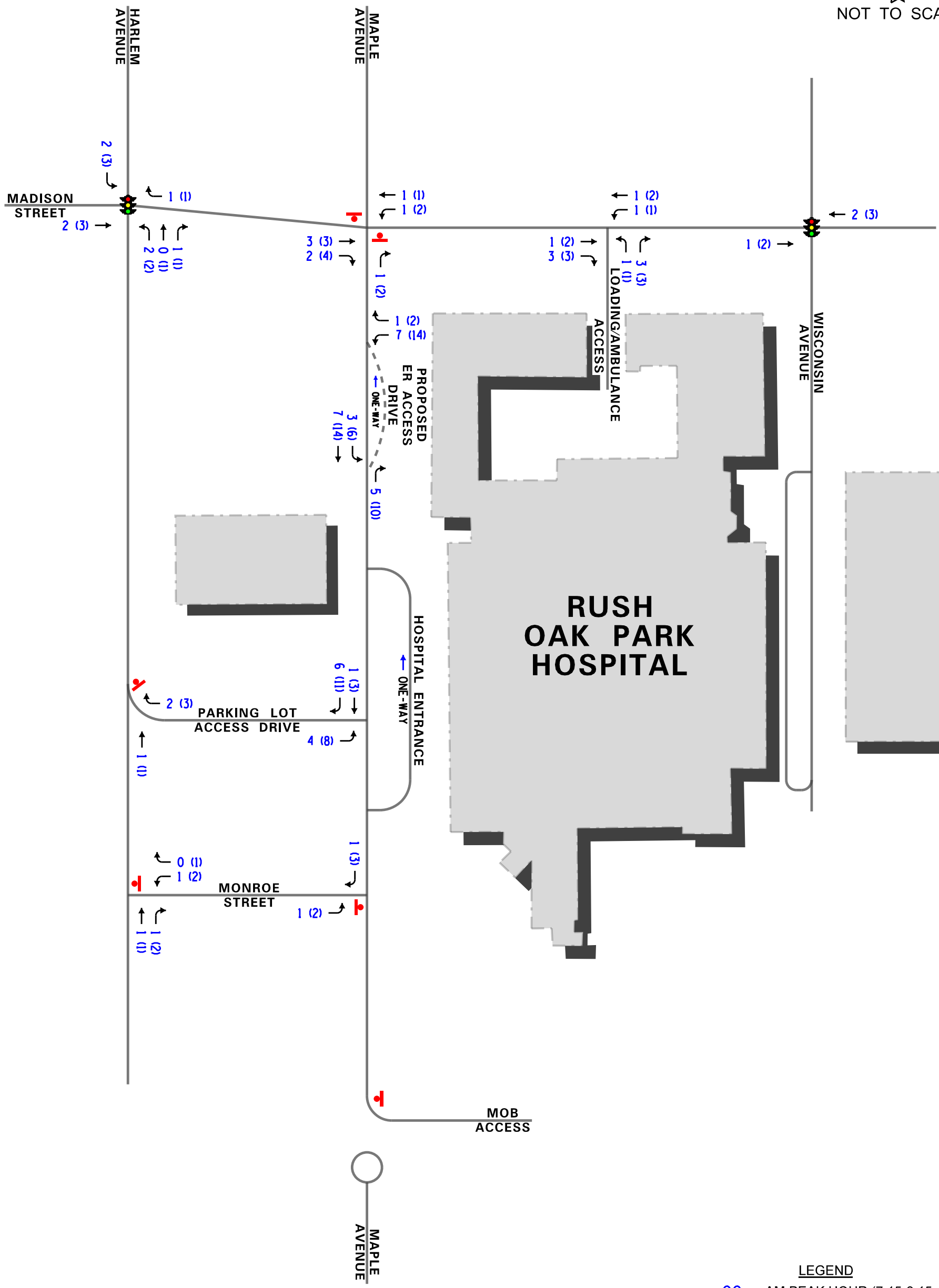
**EXISTING EMERGENCY ROOM PORT-COCHERE TRAFFIC VOLUMES<sup>1</sup>**

	Passenger Vehicle	Ambulance	Total
Daily Average	65	11	76
AM Peak Average	1	0	1
PM Peak Average	5	0	5

<sup>1</sup>Based on 72-hour counts conducted May 23-25, 2017. Complete data is included in the Appendix of this report.



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**LEGEND**

- 00 - AM PEAK HOUR (7:15-8:15 AM)
- (00) - PM PEAK HOUR (5:00-6:00 PM)
- - - - PROPOSED DRIVEWAY

ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

ESTIMATED DEVELOPMENT-GENERATED TRAFFIC VOLUMES

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Job No: 16-170 Figure: 8

## **Regional Traffic Growth**

To account for the increase in existing traffic related to regional growth in the area (i.e. not attributable to any particular planned development) for Year 2022 conditions, the existing traffic volumes were increased by a total of 6 percent (or 1 percent per year for 6 years). This percentage increase is based on ADT projections provided by the Chicago Metropolitan Agency for Planning (CMAP). **Figure 9** shows the Year 2022 Base Traffic Volumes (no-build condition) that does not include the traffic estimated to be generated by the proposed development.

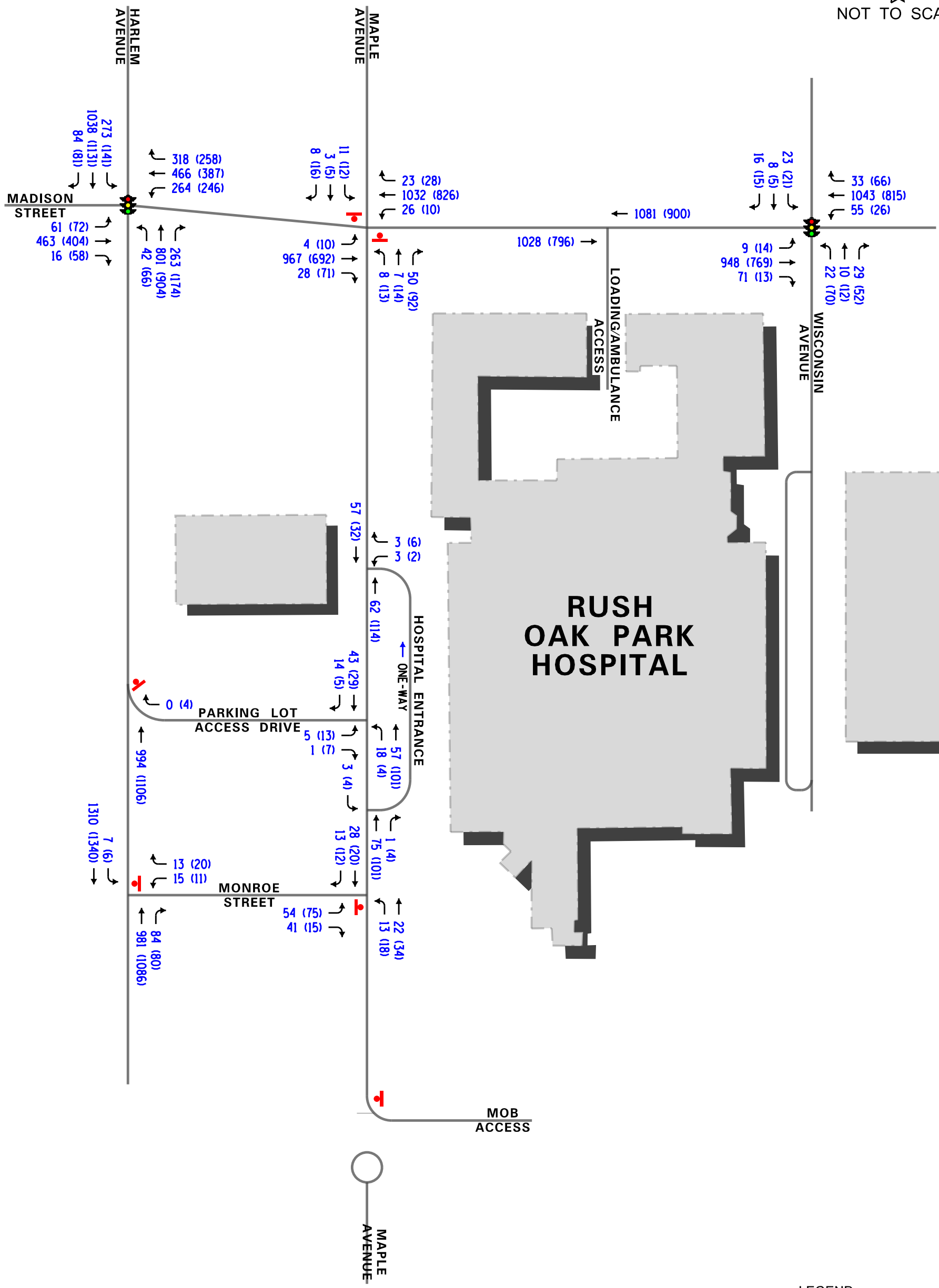
## **Total Projected Traffic Conditions**

The total projected traffic includes the Year 2022 Base traffic volumes (Figure 9) and the proposed development-generated traffic volumes (Figure 8) and is shown in **Figure 10**. It is important to note that the total projected traffic volumes include the traffic generated by the existing emergency room. Therefore, the projected traffic volumes are conservative. Further, the projected traffic conditions assume the proposed cul-de-sac on Maple Avenue at the existing bump-out, and the turning restrictions proposed on Maple Avenue at its intersection with Madison Street.





NOT TO SCALE



**LEGEND**

- 00 - AM PEAK HOUR (7:15-8:15 AM)
- (00) - PM PEAK HOUR (5:00-6:00 PM)

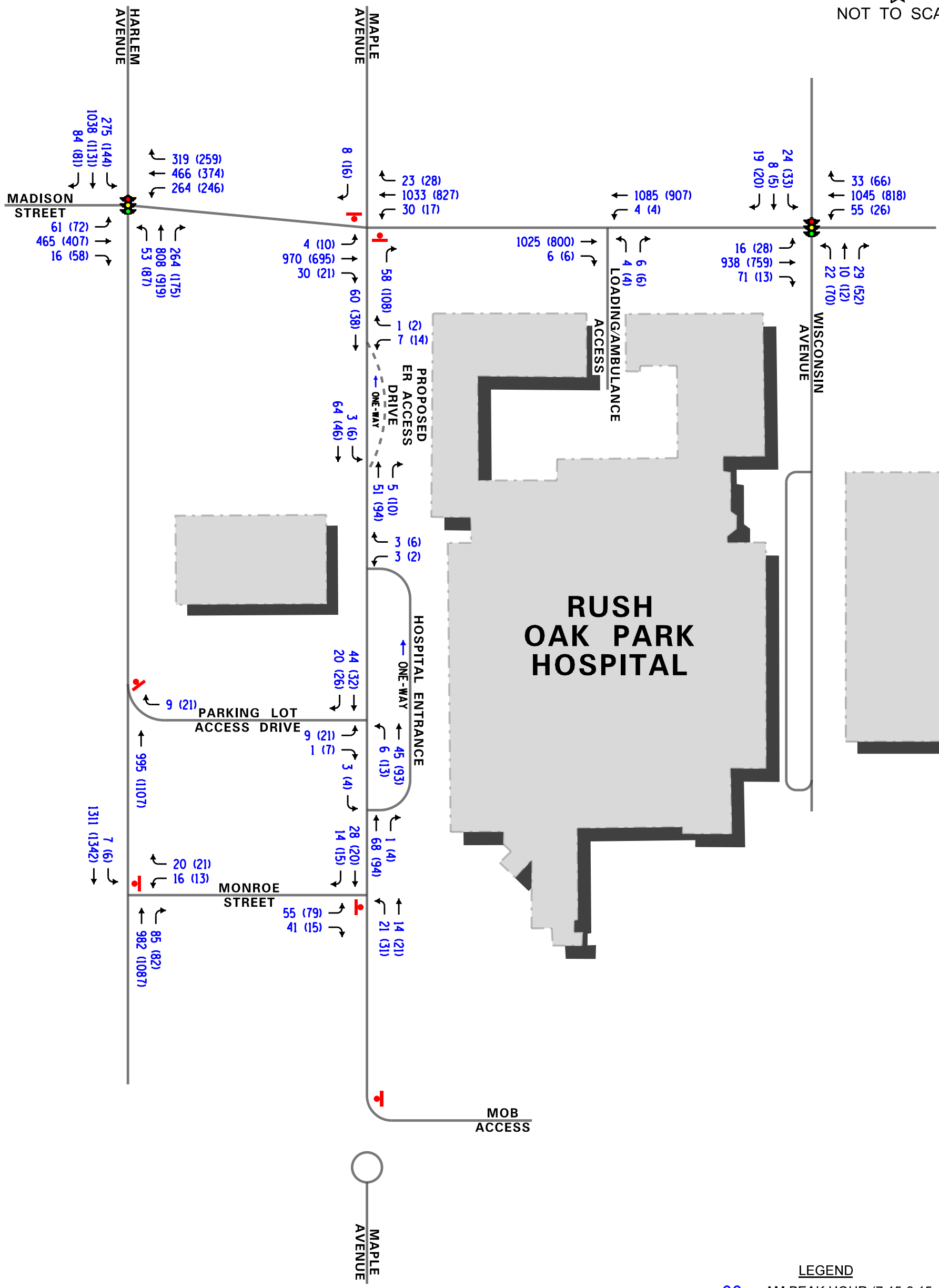
ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

YEAR 2022 BASE (NO-BUILD) TRAFFIC VOLUMES





NOT TO SCALE



**LEGEND**

00 - AM PEAK HOUR (7:15-8:15 AM)

(00) - PM PEAK HOUR (5:00-6:00 PM)

--- - PROPOSED DRIVEWAY

ROPH  
Emergency Room  
Relocation  
Oak Park, Illinois

TOTAL PROJECTED TRAFFIC VOLUMES



## Traffic Analysis and Recommendations

The following provides an evaluation conducted for the weekday morning and weekday evening peak hour periods. The analysis includes conducting capacity analyses to provide an indication of how well the roadway facilities serve the anticipated traffic demands placed upon them. The primary focus of the analyses is to determine if roadway and/or traffic control improvements are required to accommodate the development-generated traffic and the growth in existing traffic for future conditions.

### Traffic Analyses

Roadway and adjacent or nearby intersection analyses were performed for the weekday morning and weekday evening peak hours for both existing (Year 2016) and future (Year 2022) total projected traffic conditions.

The traffic analyses were performed using the methodologies outlined in the Transportation Research Board's *Highway Capacity Manual (HCM), 2010* and analyzed using Synchro/SimTraffic software.

The analysis for the traffic-signal controlled intersections were accomplished using programmed cycle lengths and offsets to determine the average overall vehicle delay and levels of service. The analyses for the unsignalized intersections determine the average control delay to vehicles at an intersection. Control delay is the elapsed time from a vehicle joining the queue at a stop sign (includes the time required to decelerate to a stop) until its departure from the stop sign and resumption of free flow speed. The methodology analyzes each intersection approach controlled by a stop sign and considers traffic volumes on all approaches and lane characteristics.

The ability of an intersection to accommodate traffic flow is expressed in terms of level of service, which is assigned a letter from A to F based on the average control delay experienced by vehicles passing through the intersection. The *Highway Capacity Manual* definitions for levels of service and the corresponding control delay for signalized intersections and unsignalized intersections are shown in **Table 3**.

Summaries of the traffic analysis results showing the LOS and overall intersection delay (measured in seconds) for the existing and future conditions are presented in **Table 4** and **Table 5**, respectively. A discussion of the intersections follows.

**Table 3  
LEVEL OF SERVICE CRITERIA**

<b>Unsignalized Intersections</b>	
Level of Service	Average Control Delay (seconds per vehicle)
A	0 - 10
B	> 10 - 15
C	> 15 - 25
D	> 25 - 35
E	> 35 - 50
F	> 50

<b>Signalized Intersections</b>		
Level of Service	Interpretation	Average Control Delay (seconds per vehicle)
A	Favorable progression. Most vehicles arrive during the green indication and travel through the intersection without stopping.	≤ 10
B	Good progression, with more vehicles stopping than for Level of Service A.	> 10 - 20
C	Individual cycle failures (i.e. one or more queued vehicles are not able to depart as a result of insufficient capacity during the cycle) may begin to appear. Number of vehicles stopping is significant, although many vehicles still pass through the intersection without stopping.	> 20 - 35
D	The volume-to-capacity ratio is high and either progression is ineffective or the cycle length is too long. Many vehicles stop and individual cycle failures are noticeable.	> 35 - 55
E	Progression is unfavorable. The volume-to-capacity ratio is high and the cycle length is long. Individual cycle failures are frequent.	> 55 - 80
F	The volume-to-capacity ratio is very high, progression is very poor, and the cycle length is long. Most cycles fail to clear the queue.	> 80

Source: *Highway Capacity Manual, 2010.*

Table 4  
CAPACITY ANALYSES RESULTS—EXISTING CONDITIONS

Intersection	Weekday A.M. Peak Hour	Weekday P.M. Peak Hour
	LOS – Delay	LOS – Delay
Harlem Ave and Madison St (signal)	D – 45.0	D – 35.3
Wisconsin Ave and Madison St (signal)	A – 3.6	A – 6.1
Maple Ave and Madison St (stop sign)	NBA: C – 18.7 SBA: D – 32.1	NBA: B – 14.4 SBA: C – 20.3
Harlem Ave and Monroe St (stop sign)	WBA: C – 16.3 SBL: B – 10.7	WBA: C – 16.6 SBL: B – 11.3
Maple Ave and Monroe St (stop sign)	EBA: A – 9.4	EBA: A – 9.6
Maple Ave and Parking Lot Access (stop sign)	EBA: A – 9.4	EBA: A – 9.1
Harlem Ave and Parking Lot Access (stop sign)	WBA: B – 9.1	WBA: B – 12.8
Delivery Access and Madison St (stop sign)	NBA: C – 17.3	B – 13.4

LOS = Level of Service  
 Delay is measured in seconds.  
 NBA = Northbound approach.  
 SBA = Southbound approach.  
 WBA = Westbound approach.  
 SBL = Southbound left-turn movement.  
 EBA = Eastbound approach.

Table 5  
CAPACITY ANALYSES RESULTS—FUTURE CONDITIONS

Intersection	Weekday A.M. Peak Hour	Weekday P.M. Peak Hour
	LOS – Delay	LOS – Delay
Harlem Ave and Madison St (signal)	D – 53.8	D – 39.9
Wisconsin Ave and Madison St (signal)	A – 3.9	A – 6.2
Maple Ave and Madison St (stop sign) <sup>1</sup>	WBL: B – 10.4 NBR: B – 10.6 SBR: B – 11.1	WBL: A – 8.9 NBR: A – 9.7 SBR: B – 10.4
Harlem Ave and Monroe St (stop sign)	WBA: C – 17.0 SBL: B – 11.1	WBA: C – 17.9 SBL: B – 11.7
Maple Ave and Monroe St (stop sign)	EBA: A – 9.5	EBA: A – 9.9
Maple Ave and Parking Lot Access (stop sign)	EBA: A – 9.4	EBA: A – 9.5
Harlem Ave and Parking Lot Access (stop sign)	WBA: B – 12.6	WBA: B – 13.6
Delivery/Ambulance Access and Madison St (stop sign)	NBA: C – 16.8	NBA: B – 13.0
ER Exit and Maple Ave (stop sign)	WBA: A – 9.1	WBA: A – 9.3

LOS = Level of Service

Delay is measured in seconds.

NBA = Northbound approach.

SBA = Southbound approach.

WBA = Westbound approach.

SBL = Southbound left-turn movement.

EBA = Eastbound approach.

WBL = Westbound left-turn movement.

<sup>1</sup>Turning movements on Maple Avenue restricted to right-turns only during peak hours of commuter traffic.



## **Discussion and Recommendations**

The capacity analyses show that the studied intersections will continue to operate at the same levels of service under projected future conditions, which includes the low volume of traffic estimated to be generated by the proposed subject development, in addition to a regional growth factor of 6 percent. The following summarizes each intersection and identifies any improvements that may be needed to accommodate the future conditions.

### **Madison Street Improvements**

Streetscape improvements are proposed for Madison Street to reduce the four-lane roadway to one lane with a dedicated bicycle lane in each direction. High-visibility crosswalks will be provided on all major crossings along the corridor, including the signalized intersections at Harlem Avenue and at Wisconsin Avenue. At its westbound approach to Harlem Avenue, Madison Street will continue to provide two through lanes through the intersection. Further, the westbound left-turn lane, which currently provides approximately 90 feet of storage, will be extended to provide approximately 300 feet of storage. This westbound left-turn lane will then extend east of Maple Avenue and ending just before reaching the existing access drive that will become the ambulance driveway access to the ROPH campus. These improvements are under consideration and may be implemented in the next few years. As such, these improvements were not included in the capacity analyses for projected conditions.

### **Harlem Avenue (IL 43) and Madison Street**

The intersection will continue to operate at the same LOS for both peak hours under future projected conditions. No further geometric or traffic control improvements are recommended at this intersection than what is already proposed as part of the Madison Street improvements.

### **Wisconsin Avenue and Madison Street**

This signalized intersection will continue to operate at an acceptable LOS and delay under existing geometrics. No further roadway or traffic control improvements are recommended at this intersection.

## **Maple Avenue and Madison Street**

The westbound queue on Madison Street at Harlem Avenue has been observed to extend east of Maple Avenue, primarily during the weekday morning peak hour. Further, the proposed Madison Street improvements include reducing Madison Street to one lane in each direction and extending the westbound left-turn lane at Harlem Avenue through this intersection, east of Maple Avenue. As a result, it will be increasingly difficult for vehicles on Maple Avenue to turn left to travel westbound on Harlem Avenue or to proceed across Madison Street to continue travelling northbound on Maple Avenue.

As such, signage should be posted restricting northbound and southbound turning movements on Maple Avenue at Madison Street to right-turns only during peak hours of the day. The projected traffic condition analyses include this restriction.

Further, via restriping of existing pavement, a westbound left-turn lane on Madison Street at Maple Avenue is proposed in conjunction with this development. **Figure B**, located in the Appendix of this report, shows the proposed improvements. This improvement will result in the loss of four on-street parking spaces on the north side of Madison Street and eight on-street parking spaces on the south side of Madison Street. The queue analyses for both peak hours show that the proposed storage of 50 feet with a 100-foot taper will be adequate.

A traffic signal is not warranted at this intersection since the projected traffic volumes on Maple Avenue do not meet the minimum traffic volume thresholds needed to satisfy traffic signal warrants. Further, Maple Avenue is too close to Harlem Avenue, which is signalized, and therefore does not meet minimum traffic signal distance requirements.

## **Maple Avenue and Monroe Street**

This T-intersection will continue to operate at an acceptable LOS and delay. There is already a high-visibility crosswalk on the west leg of the intersection crossing Maple Avenue. No roadway or traffic control improvements are recommended at this intersection in conjunction with the proposed development.

## **Harlem Avenue and Monroe Street**

As noted, the northbound traffic queues on Harlem Avenue at Madison Street were observed to extend south of Monroe Street.

A traffic signal is not warranted at this intersection since the projected traffic volumes on Monroe Street Avenue do not meet the minimum traffic volume thresholds needed to satisfy traffic signal warrants. The projected traffic volumes reviewed included the addition of the projected northbound left- and through movement traffic volumes on Maple Avenue at Madison Street (assuming turning movements are restricted to right-turns only) and the outbound turning movements from the hospital parking lot, located just north of Monroe Street.

Therefore, Monroe Street will continue to be under stop sign control with Harlem Avenue. A high-visibility crosswalk is recommended crossing Monroe Street. The existing ROPH monument sign should continue to direct emergency room traffic from Harlem Avenue to use Monroe Street.

## **Emergency Room Vehicle Access and Maple Avenue**

Maple Avenue, between Madison Street and Monroe Street, provides one lane in each direction and allows on-street parking on both sides of the street. Consideration should be given to removing the on-street parking on both sides of the street along the proposed emergency room lay-by frontage to allow for vehicle turning movements and improve through traffic and circulation through the area. This will result in the loss of approximately five on-street parking spaces on both sides of the roadway.

A lay-by is proposed on the east side of Maple Avenue between the main entrance port-cochere and Madison Street. The lay-by, which will have a one-way northbound orientation, will be separated from the two-way traffic flow on Madison Street by a raised median. The lay-by will be wide enough to allow for two lanes. The curb side lane will be for the dropping off/picking up of passengers. The outside lane will serve as a bypass lane to those vehicles parked curbside. The outbound lanes at its intersection with Maple Avenue will be under stop sign control.

According to the site plan, the lay-by is designed to provide curbside parking for approximately six vehicles without impeding on the through traffic flow on Maple Avenue. Given the estimated emergency room visits during peak hours, the six vehicle stacking should be adequate to accommodate peak periods.

Vehicles desiring to enter the lay-by from the north will travel southbound on Maple Avenue and make a left-turn into the lay-by area. Upon exiting the lay-by, the vehicle will have the option to turn right to proceed north to Madison Street, to turn left to proceed south on Maple Avenue to exit to Harlem Avenue via Monroe Street, or proceed through or westbound across Maple Avenue to access the existing hospital parking lot located between the east-west public alley and Madison Street. The parking lot will be modified to provide an access drive directly on Maple Avenue and the existing one-way clockwise circulation pattern will be reversed to provide a counter-clockwise rotation for easier access from the emergency room drop-off exit.

**Figure A** in the Appendix of this report shows a turning movement diagram of vehicles making the turning maneuvers to access the proposed emergency room lay-by drop-off/pick-up area. To accommodate these turning movements, on-street parking on both sides of Maple Avenue along the frontage of the lay-by need to be removed, resulting in the loss of approximately five on-street parking spaces on each side of the roadway.

### **Ambulance/Delivery Access and Madison Street**

Under the proposed development plan, ambulances will now access the emergency room via the existing truck delivery access drive on Madison Street, located between Maple Avenue and Wisconsin Avenue. The access will continue to provide one lane inbound and one lane outbound under stop sign control.

The ambulances will drive into a one-way southbound enclosed garage, where doors are located at both ends of the garage and will be closed when transferring patients. As such, the ambulance operations will not conflict with the truck delivery operations. Upon exiting, the ambulance will proceed south and exit out of the enclosed garage and make a U-Turn in the turnaround area by the truck loading area, and proceed north to exit the site onto Madison Street. Ambulances will have a low impact on the driveway and turnaround operations since ambulance activity is intermittent throughout the day and its operations will be separate from the truck delivery operations.

Given the low number of ambulances that are projected to travel to/from the ROPH campus on a daily basis (less than 20), this access will operate at an acceptable LOS and delay. Ambulances travelling westbound on Harlem Avenue will make a left onto the access drive from the proposed two-way left-turn lane that will be implemented between Maple Avenue and Wisconsin Avenue as part of the Madison Street streetscape improvement plan.

Included in the Appendix of this report are turning movement diagrams that show the ambulance circulation patterns and that the ambulances will not conflict with the truck delivery area.

## **Truck Delivery Access**

As noted above, the truck docks will continue to be accessed from the delivery access drive off Madison Street. The truck docks will be separate from the ambulance garage. Therefore, ambulance operations and truck delivery operations will be separated and will not impact the other. The hospital receives a minimum of 10 deliveries throughout the day.

Included in the Appendix of this report are turning movement diagrams that show the truck turning movements for the three truck berths provided.

## **Maple Avenue Cul-de-sac**

Based on the previous evaluation and the capacity analyses of projected traffic conditions, providing a cul-de-sac on Maple Avenue in the position of the current bump-out will help improve traffic operations through the Maple Avenue corridor.

## **ROPH Parking**

In order to accommodate the parking demand of the proposed emergency room, the northerly parking lot (ComEd parking lot north of the public alley on the west side of Maple Avenue) will be designated parking for emergency room visitors and patients. The existing users of this lot will be relocated to the parking garage on Wisconsin Avenue or elsewhere. This lot, which will be modified to provide direct access on Maple Avenue and will be converted to provide a one-way counter-clockwise circulation (currently it has a one-way clockwise circulation), will have approximately 16 parking spaces for the exclusive use of the emergency room. Employees/staff will continue to park in the parking garage on Wisconsin Avenue. In addition, the parking spaces along Wisconsin Avenue currently being used by the Emergency Room will become available for use by the hospital.

Based on data provided by the hospital and the counts conducted at the existing Emergency Room, the parking demand generated will be easily accommodated by the parking lot. Further, it is further important to note that based on information provided by ROPH, approximately 40 percent of emergency room visits arrive by other means of transportation, thereby further reducing the demand for parking.

## Conclusion

KLOA, Inc. prepared a traffic impact study report for the proposed emergency room expansion and relocation for the Rush Oak Park Hospital campus located at 520 South Maple Avenue in Oak Park, Illinois. The emergency room is currently located on the east side of the main hospital building with access off Wisconsin Avenue. The conceptual plans call for the expanded emergency room to be relocated to the west side of the main hospital building with access off Maple Avenue. A lay-by is proposed on the east side of Maple Avenue to allow for the vehicle drop-off/pick-up of passengers. Ambulances will access the new emergency room from the access drive off Madison Street, located between Maple Avenue and Wisconsin Avenue. Further, a cul-de-sac is proposed on Maple Avenue at the current bump-out, south of Monroe Street. The following summarizes the findings and recommendations of the study.

- The emergency room will continue to generate a low volume of vehicle trips during the weekday morning and evening peak hours.
- The relocation of the emergency room to Maple Avenue will have a low impact on the surrounding roadway network.
- Several alternatives to address traffic concerns on Maple Avenue were presented and evaluated that included gating Maple Avenue at the existing bump-out, providing a cul-de-sac on Maple Avenue at the existing bump-out, or closing southbound Maple Avenue at Jackson Boulevard.
- The proposed cul-de-sac on Maple Avenue will improve traffic operations along Maple Avenue.
- The proposed lay-by on Maple Avenue for the drop-off/pick-up of emergency room visitors will accommodate approximately six vehicles, which is adequate to satisfy peak demands.
- Based on projected peak hour traffic volumes, a traffic signal is not warranted at the intersection of Maple Avenue and Madison Street or at Harlem Avenue and Monroe Street.
- During peak hours and via signage, northbound and southbound turning movements on Maple Avenue at Madison Street will be restricted to right-turns only.
- A westbound left-turn lane is proposed on Madison Street at Maple Avenue to remove left-turning movements desiring to make a left-turn movement at Maple Avenue from the westbound through traffic flow.

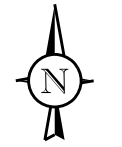


- Wayfinding signage is recommended to direct exiting emergency room traffic to exit to Harlem Avenue via Monroe Street rather than Madison Street.
- High-visibility crosswalks are recommended where standard crosswalks exist.
- On-street parking will need to be removed on both sides of Maple Avenue along the emergency room lay-by to allow for turning vehicles and through traffic along Maple Avenue.
- The ambulance access drive on Madison Street will continue to provide one lane inbound and one lane outbound under stop sign control. Given the low volume of turning movements at this intersection, no roadway improvements on Madison Street are recommended.
- Ambulances will have a low impact on the driveway and turnaround operations since ambulance activity is intermittent throughout the day and its operations will be separate from the truck delivery operations.
- Based on data provided by the hospital and the counts conducted at the existing Emergency Room, the parking demand generated will be accommodated by the existing parking lot west of Maple Avenue, between the east-west public alley and Madison Street that will be designated for emergency room patients and visitors. Further, it is further important to note that based on information provided by ROPH, approximately 40 percent of emergency room visits arrive by other means of transportation, thereby further reducing the demand for parking.

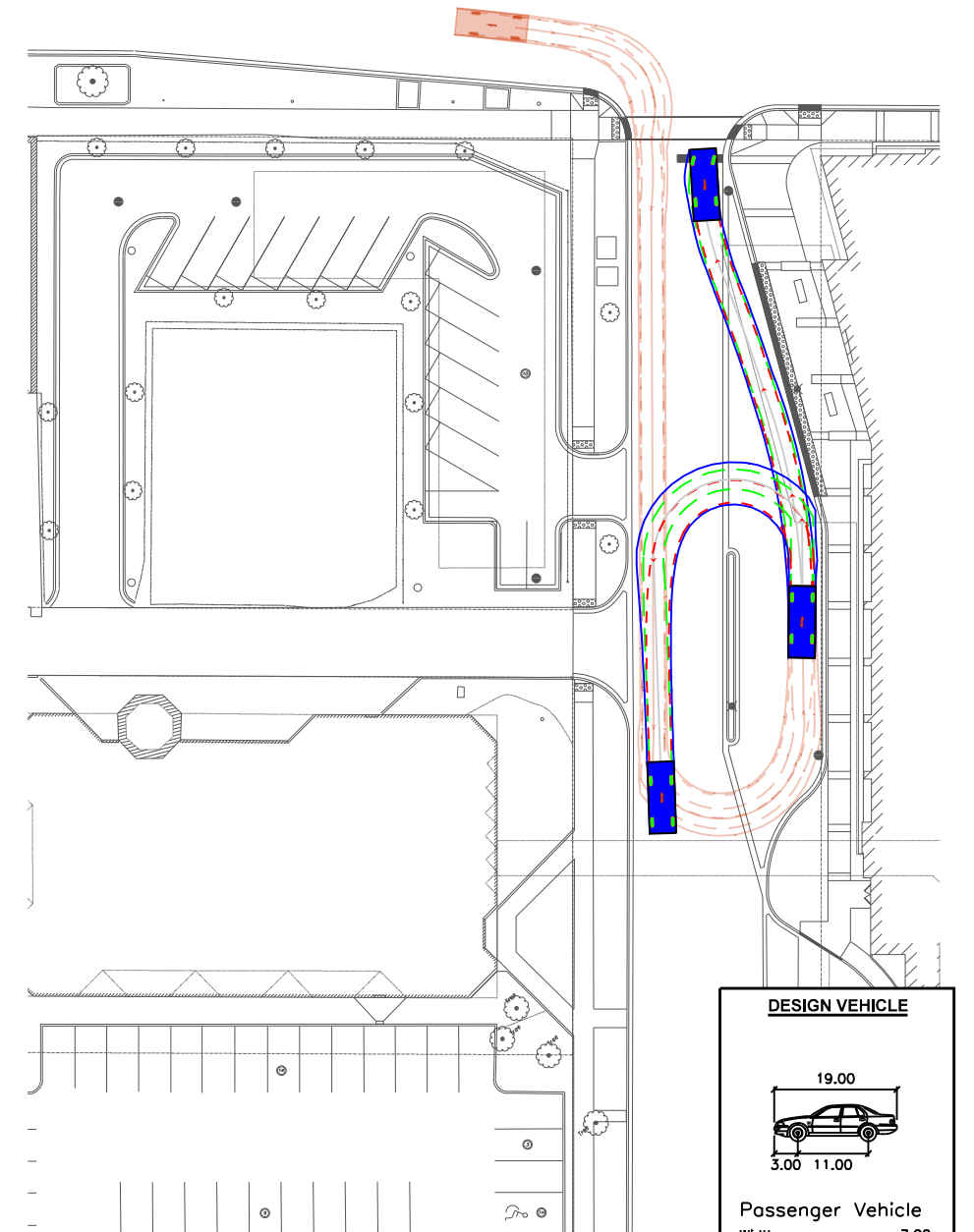
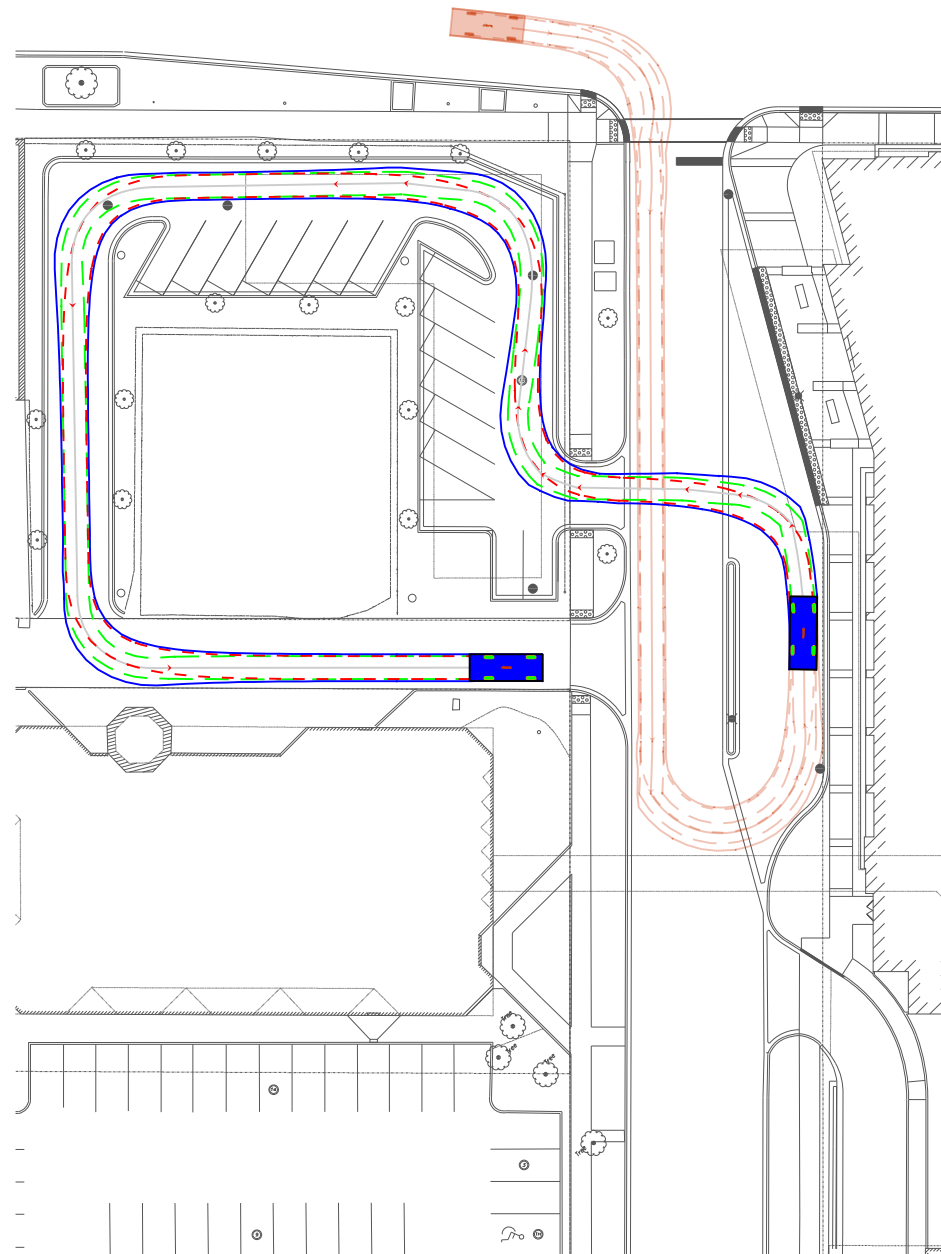
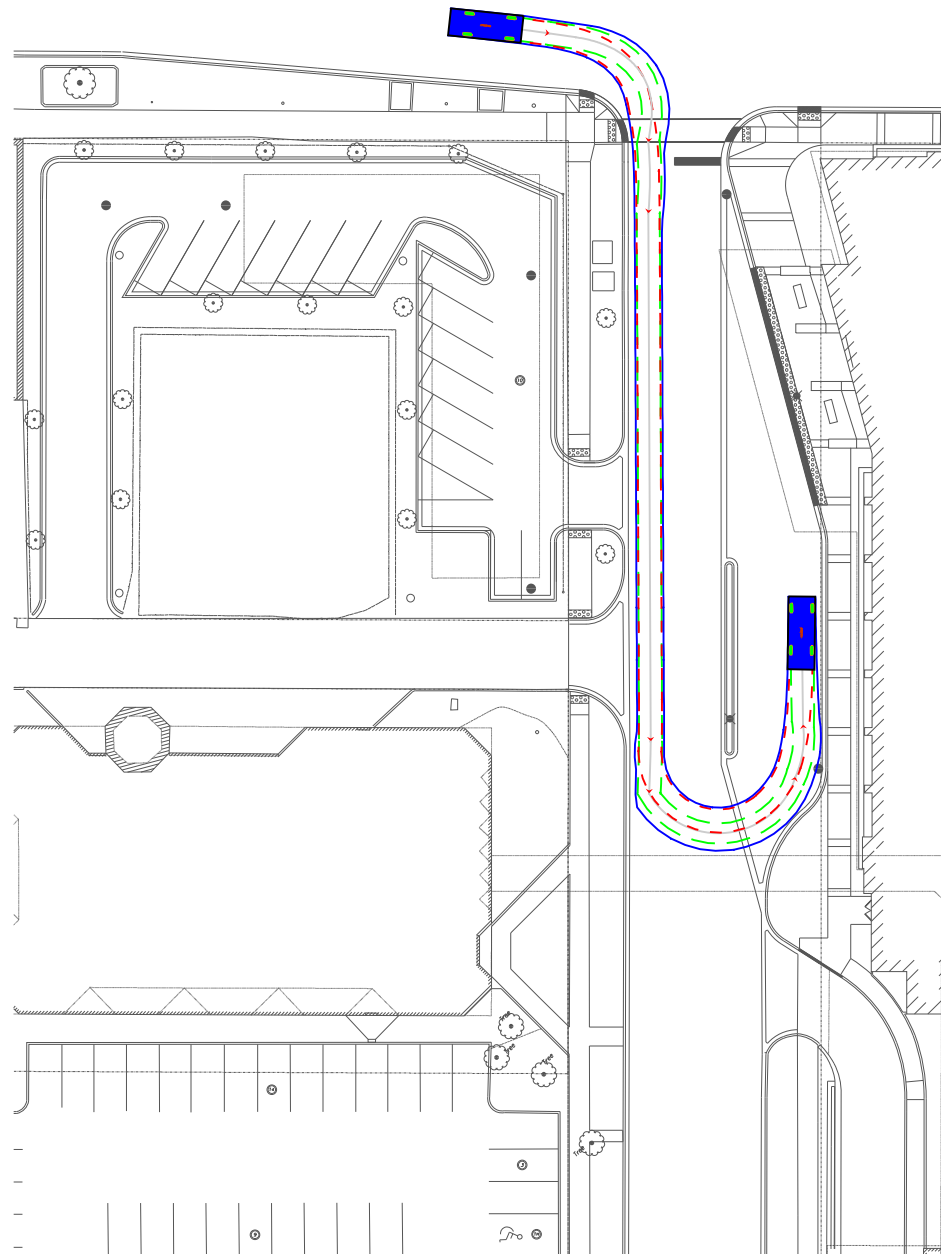
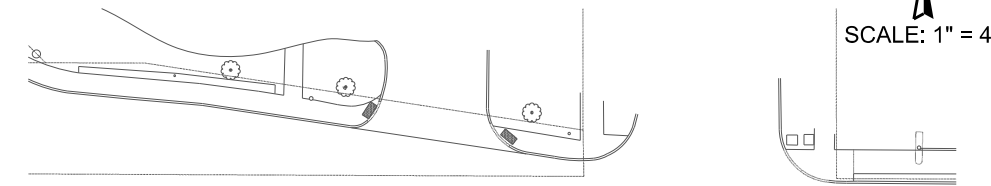
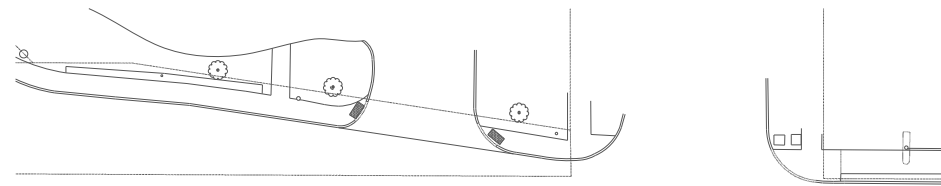
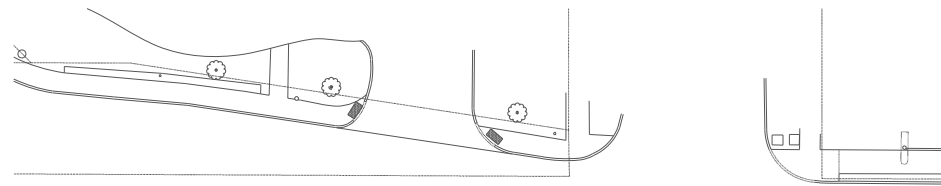
# Technical Appendix

# Turning Movement Diagrams

## Figures A – E



SCALE: 1" = 40'



**DESIGN VEHICLE**

19.00  
7.00  
6.00  
6.0  
31.6

Passenger Vehicle  
Width : 7.00  
Track : 6.00  
Lock to Lock Time : 6.0  
Steering Angle : 31.6

RUSH HOSPITAL  
EMERGENCY ROOM  
RELOCATION  
OAK PARK, ILLINOIS

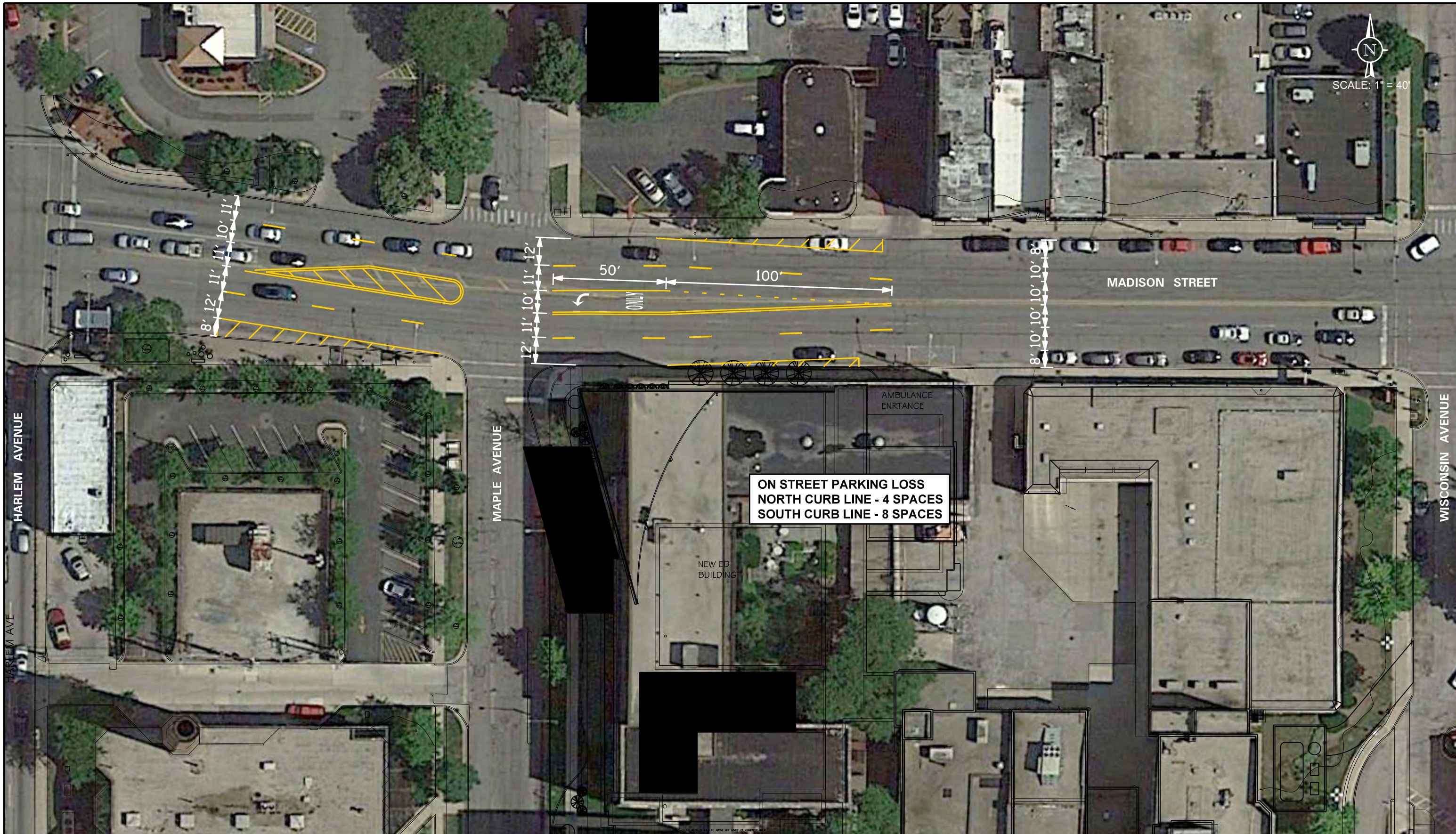
**EMERGENCY ROOM PORTE COCHERE  
PASSENGER VEHICLE MANEUVERS**

A - 3

DRAWN: MD      CHECKED: WW  
DATE: 10-11-16      REV: 06-07-17  
PROJECT # 16-170  
FIGURE: A







RUSH HOSPITAL  
EMERGENCY ROOM  
RELOCATION  
OAK PARK, ILLINOIS

PRELIMINARY PROPOSED GEOMETRICS  
MADISON STREET AND MAPLE AVENUE

A - 4

DRAWN: MD  
DATE: 05-25-17  
PROJECT # 16-170  
FIGURE: B

CHECKED: DS  
REV: 06-22-17







SCALE: 1" = 30'

EXISTING PARKING

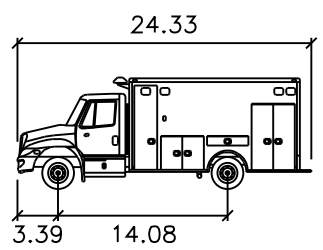
MADISON STREET

NEW ED BUILDING

AMBULANCE ENTRANCE

AMBULANCE BAY

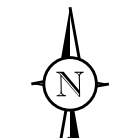
**DESIGN VEHICLE**



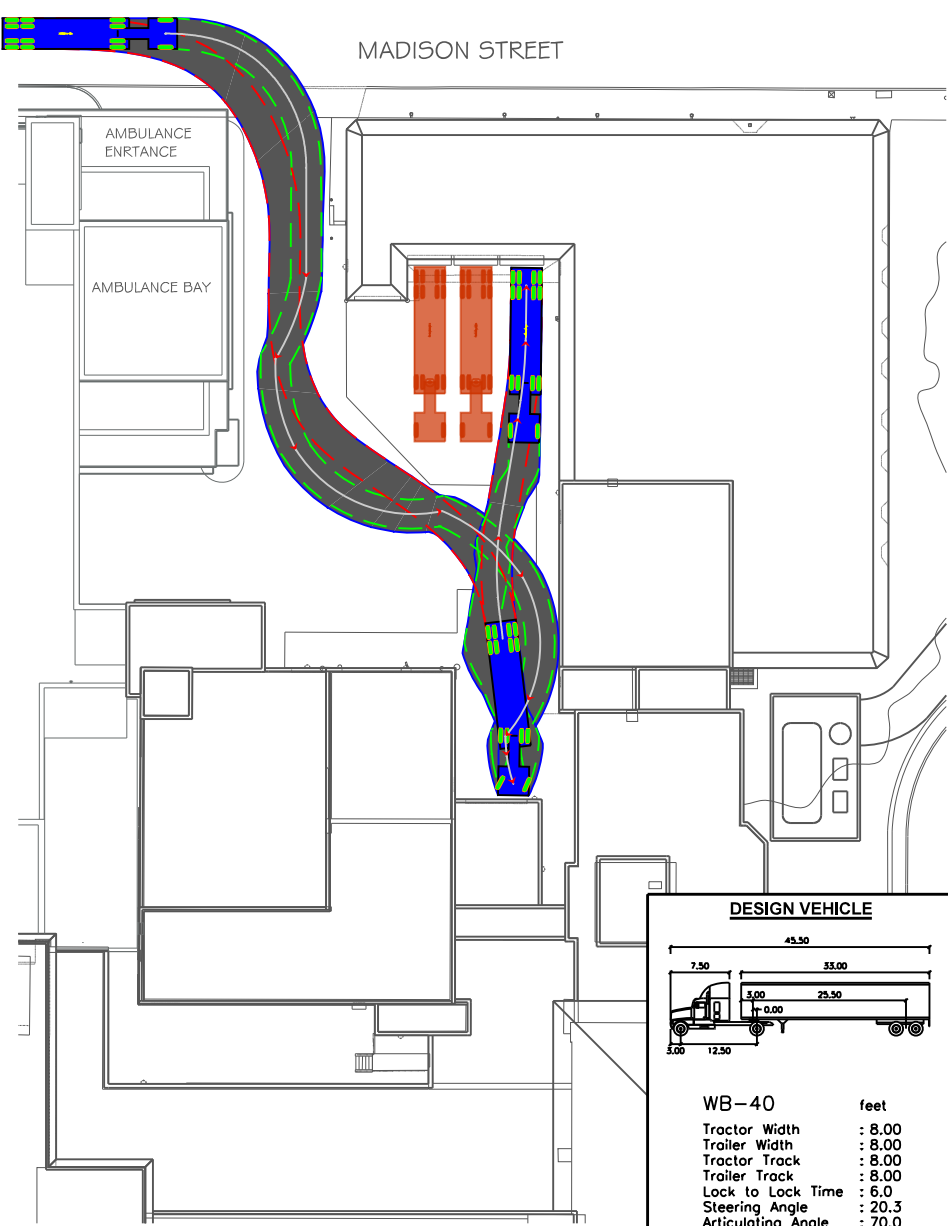
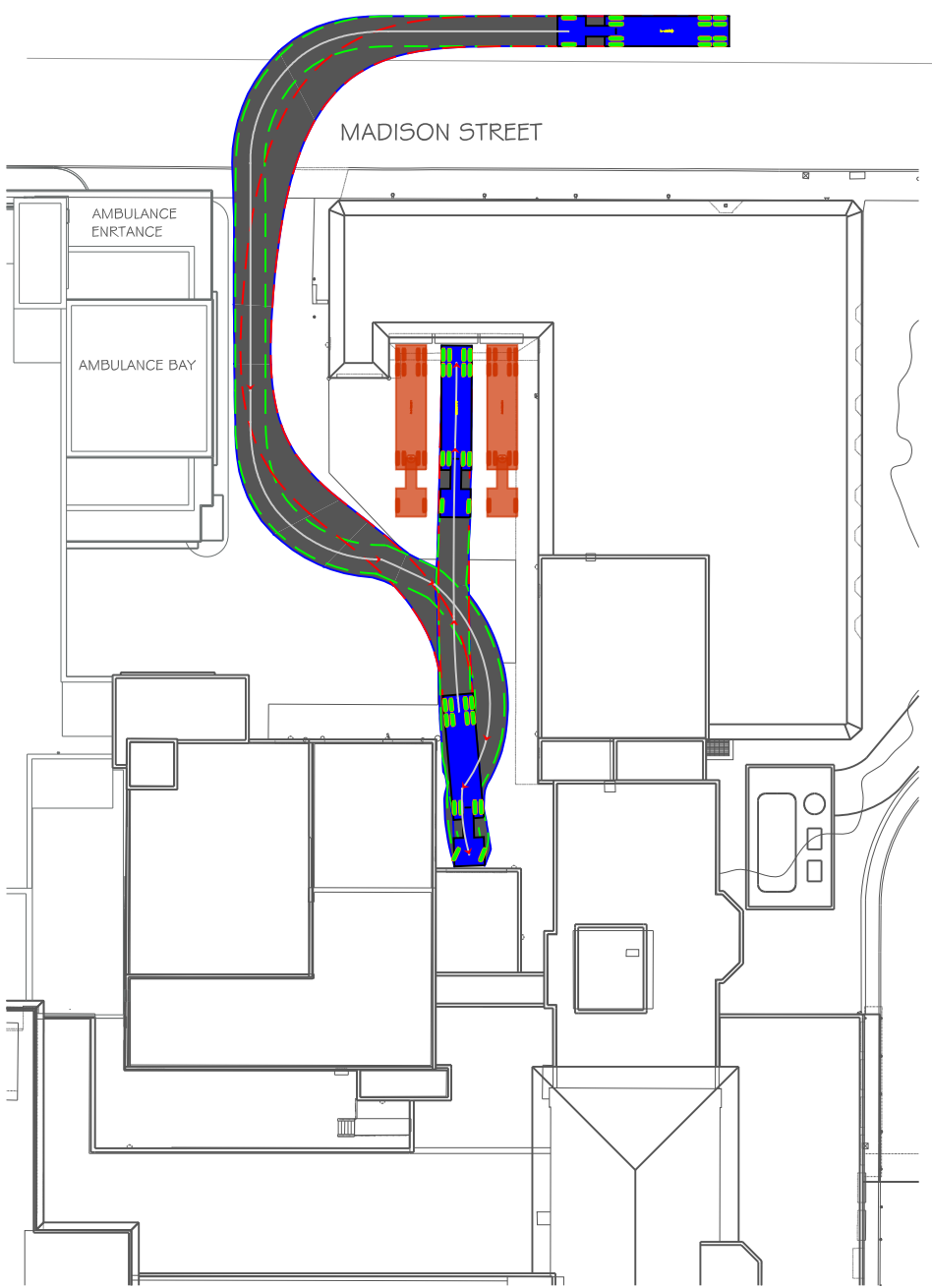
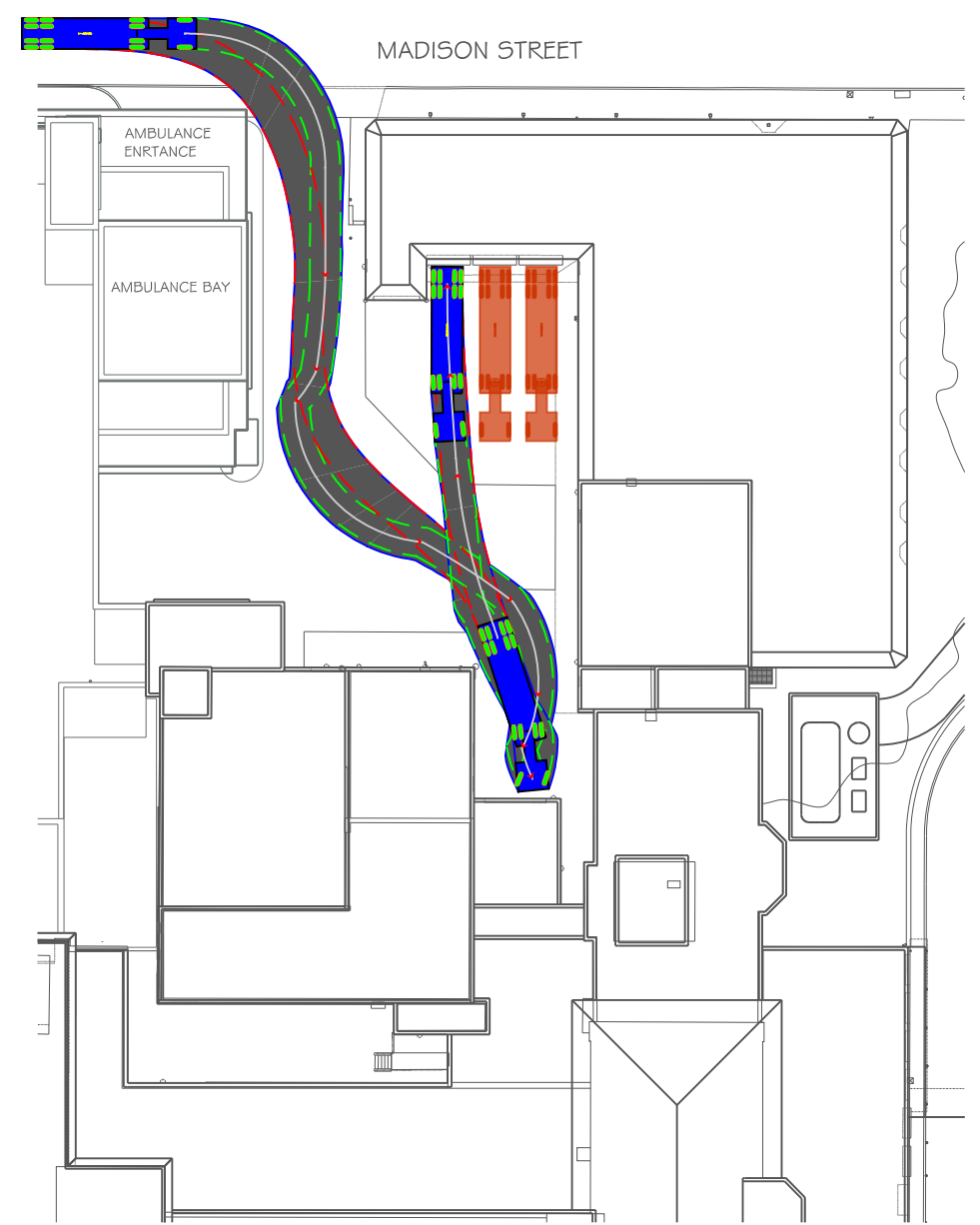
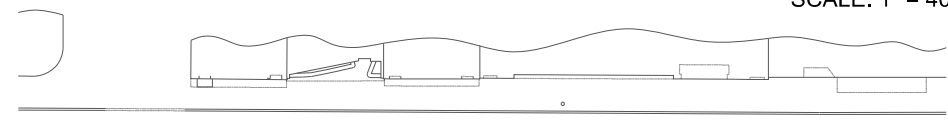
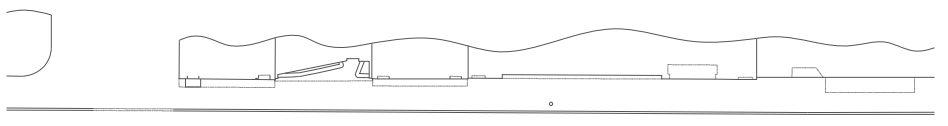
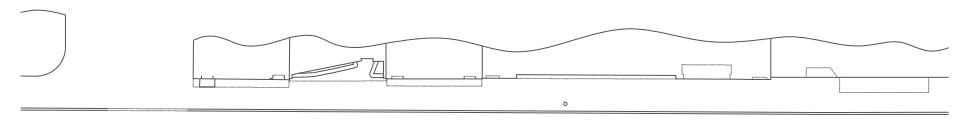
Medtec AD-170

- Width : 8.00
- Track : 7.79
- Lock to Lock Time : 6.0
- Steering Angle : 46.4





SCALE: 1" = 40'



**DESIGN VEHICLE**

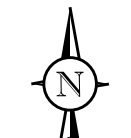
WB-40	feet
Tractor Width	: 8.00
Trailer Width	: 8.00
Tractor Track	: 8.00
Trailer Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 20.3
Articulating Angle	: 70.0

RUSH HOSPITAL  
EMERGENCY ROOM  
RELOCATION  
OAK PARK, ILLINOIS

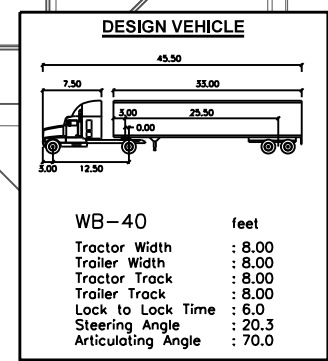
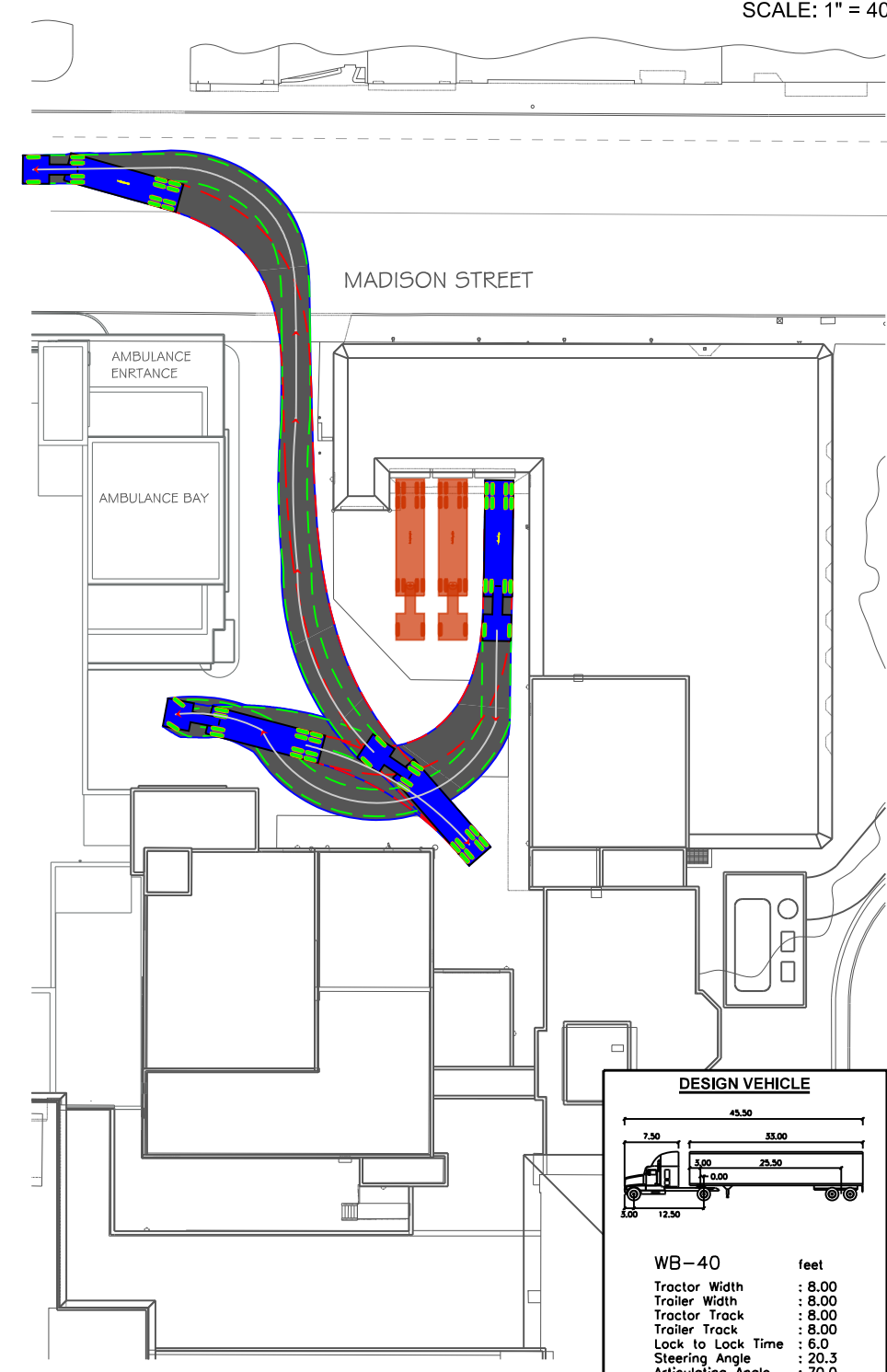
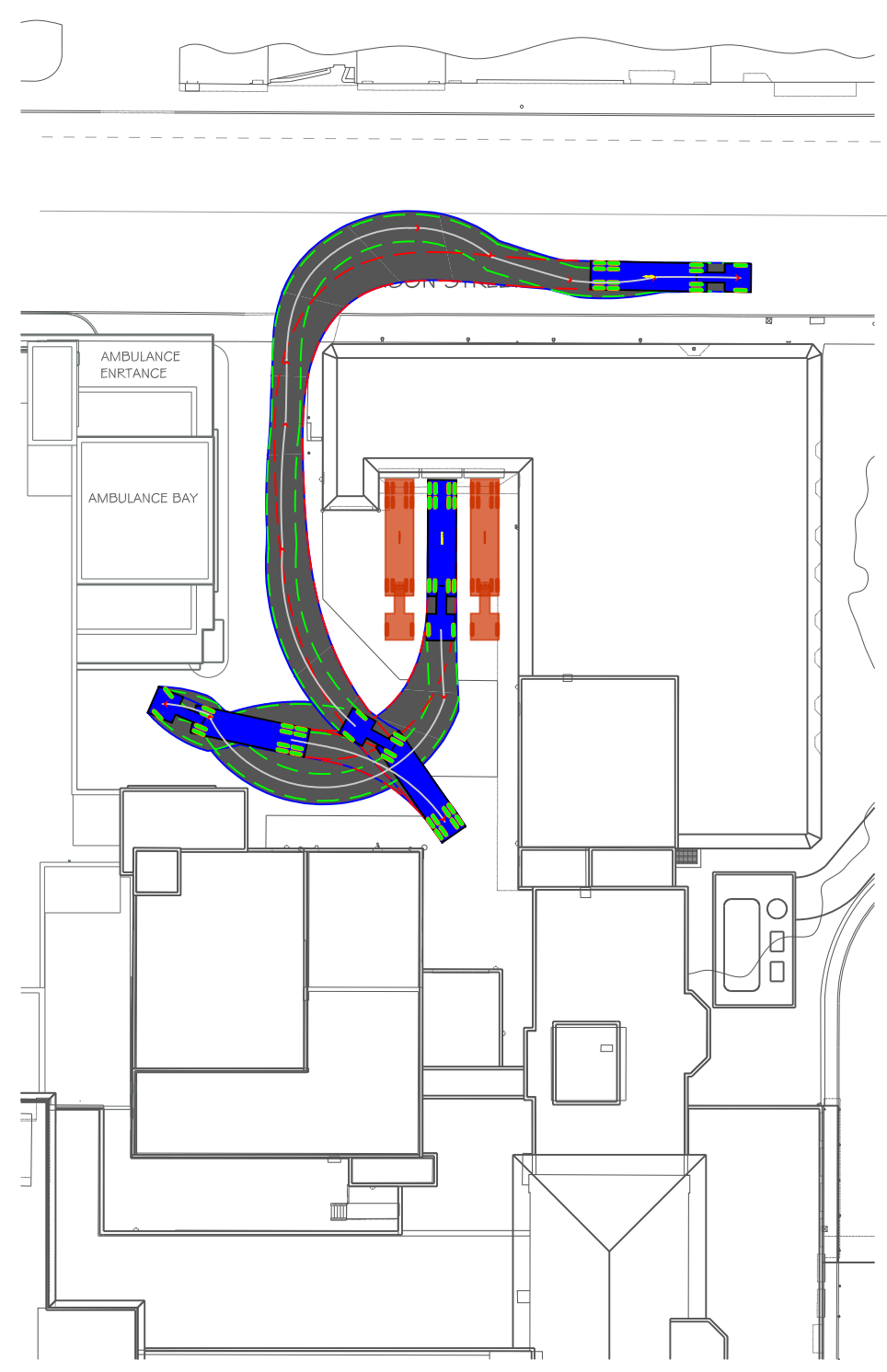
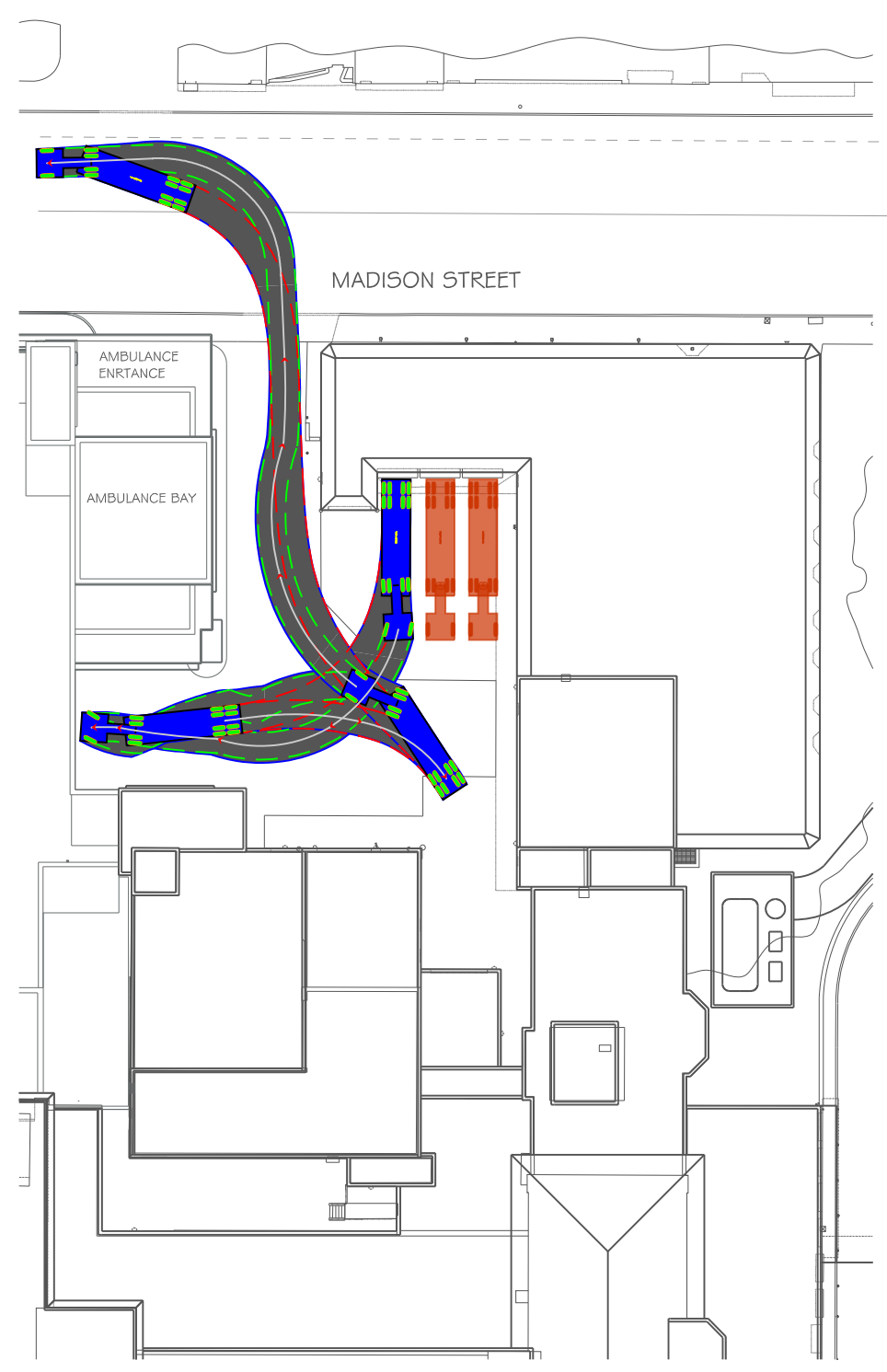
### WB-40 INBOUND MANEUVERS

DRAWN: MD      CHECKED: WW  
DATE: 10-11-16      REV: 06-05-17  
PROJECT # 16-170  
FIGURE: D





SCALE: 1" = 40'



RUSH HOSPITAL  
EMERGENCY ROOM  
RELOCATION  
OAK PARK, ILLINOIS

**WB-40 OUTBOUND MANEUVERS**

DRAWN: MD      CHECKED: WW  
DATE: 10-11-16      REV: 06-05-17  
PROJECT # 16-170  
FIGURE: E



# Traffic Counts



Kenig Lindgren OHara Aboona, Inc.  
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018  
(847)518-9990

Count Name: Madison Street and Harlem  
Avenue  
Site Code:  
Start Date: 05/19/2016  
Page No: 1

### Turning Movement Data

Start Time	Madison Street Eastbound					Madison Street Westbound					Harlem Avenue Northbound					Harlem Avenue Southbound								
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total
7:00 AM	0	15	122	5	1	142	0	48	100	58	1	206	0	7	159	44	2	210	0	79	233	12	1	324
7:15 AM	0	14	120	2	3	136	0	49	113	58	1	220	0	4	163	65	4	232	0	80	266	21	1	367
7:30 AM	0	12	116	1	1	129	0	47	103	77	2	227	0	9	204	60	3	273	0	74	233	20	1	327
7:45 AM	0	10	90	4	2	104	0	67	96	87	2	250	0	16	209	77	3	302	0	58	258	19	1	335
Hourly Total	0	51	448	12	7	511	0	211	412	280	6	903	0	36	735	246	12	1017	0	291	990	72	4	1353
8:00 AM	0	22	111	8	1	141	0	86	128	78	7	292	0	11	180	46	4	237	0	46	222	19	1	287
8:15 AM	0	13	116	5	2	134	0	64	108	69	0	241	0	13	193	40	6	246	0	56	220	14	2	290
8:30 AM	0	14	116	6	2	136	0	63	114	53	2	230	0	15	214	42	1	271	0	46	226	22	2	294
8:45 AM	0	20	104	13	0	137	0	65	103	46	3	214	0	9	215	50	2	274	0	45	223	16	0	284
Hourly Total	0	69	447	32	5	548	0	278	453	246	12	977	0	48	802	178	13	1028	0	193	891	71	5	1155
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00 PM	0	29	90	11	6	130	0	64	105	33	8	202	0	16	228	34	9	278	0	24	230	24	9	278
4:15 PM	0	18	83	13	9	114	0	55	86	61	8	202	0	10	187	27	16	224	0	36	274	8	10	318
4:30 PM	0	21	85	17	9	123	0	63	63	47	3	173	0	12	210	36	8	258	0	27	205	21	6	253
4:45 PM	0	10	70	19	6	99	0	67	71	57	5	195	1	16	211	33	4	261	0	28	252	19	5	299
Hourly Total	0	78	328	60	30	466	0	249	325	198	24	772	1	54	836	130	37	1021	0	115	961	72	30	1148
5:00 PM	0	28	93	13	9	134	0	54	85	60	1	199	0	16	210	40	5	266	0	29	261	19	3	309
5:15 PM	0	20	97	16	6	133	0	62	90	71	4	223	0	13	197	37	12	247	0	44	255	15	4	314
5:30 PM	0	11	100	12	7	123	0	58	82	56	6	196	0	17	225	48	9	290	0	34	270	14	2	318
5:45 PM	0	9	91	14	9	114	0	58	108	56	3	222	0	16	221	39	7	276	0	26	281	28	4	335
Hourly Total	0	68	381	55	31	504	0	232	365	243	14	840	0	62	853	164	33	1079	0	133	1067	76	13	1276
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM	0	27	90	19	5	136	0	63	94	46	6	203	0	17	266	49	6	332	0	31	265	15	5	311
12:15 PM	0	21	88	25	5	134	0	56	125	44	4	225	0	14	208	48	7	270	0	27	304	21	3	352
12:30 PM	0	25	92	18	2	135	0	61	116	39	7	216	0	17	253	46	8	316	0	19	279	17	6	315
12:45 PM	0	6	98	12	3	116	0	60	134	51	5	245	0	24	215	37	8	276	0	32	250	28	6	310
Hourly Total	0	79	368	74	15	521	0	240	469	180	22	889	0	72	942	180	29	1194	0	109	1098	81	20	1288
1:00 PM	0	25	93	20	6	138	0	64	119	52	2	235	0	19	253	37	11	309	0	28	259	22	11	309
1:15 PM	0	28	100	23	9	151	0	61	123	48	5	232	0	15	208	44	10	267	0	33	252	15	14	300
1:30 PM	0	27	85	16	9	128	0	68	105	53	3	226	0	14	241	36	3	291	0	23	280	18	7	321
1:45 PM	0	26	89	22	3	137	0	57	119	49	3	225	0	15	229	41	5	285	0	20	279	10	5	309
Hourly Total	0	106	367	81	27	564	0	250	466	202	13	918	0	63	931	158	29	1152	0	104	1070	65	37	1239
Grand Total	0	451	2339	314	115	3104	0	1460	2490	1349	91	5299	1	335	5099	1056	153	6491	0	945	6077	437	109	7459
Approach %	0.0	14.5	75.4	10.1	-	-	0.0	27.6	47.0	25.5	-	-	0.0	5.2	78.6	16.3	-	-	0.0	12.7	81.5	5.9	-	-
Total %	0.0	2.0	10.5	1.4	-	13.9	0.0	6.5	11.1	6.0	-	23.7	0.0	1.5	22.8	4.7	-	29.0	0.0	4.2	27.2	2.0	-	33.4
Lights	0	419	2289	305	-	3013	0	1435	2430	1317	-	5182	1	329	4904	1023	-	6237	0	922	5888	410	-	7220
% Lights	-	92.9	97.9	97.1	-	97.1	-	98.3	97.6	97.6	-	97.8	100.0	98.2	96.2	96.9	-	96.4	-	97.6	96.9	93.8	-	96.8

Buses	0	19	17	2	-	38	0	1	24	4	-	29	0	1	35	6	-	42	0	5	31	21	-	57	166
% Buses	-	4.2	0.7	0.6	-	1.2	-	0.1	1.0	0.3	-	0.5	0.0	0.3	0.7	0.6	-	0.6	-	0.5	0.5	4.8	-	0.8	0.7
Single-Unit Trucks	0	10	31	7	-	48	0	23	27	22	-	72	0	3	101	22	-	126	0	17	99	5	-	121	367
% Single-Unit Trucks	-	2.2	1.3	2.2	-	1.5	-	1.6	1.1	1.6	-	1.4	0.0	0.9	2.0	2.1	-	1.9	-	1.8	1.6	1.1	-	1.6	1.6
Articulated Trucks	0	2	2	0	-	4	0	1	3	6	-	10	0	2	57	5	-	64	0	0	58	1	-	59	137
% Articulated Trucks	-	0.4	0.1	0.0	-	0.1	-	0.1	0.1	0.4	-	0.2	0.0	0.6	1.1	0.5	-	1.0	-	0.0	1.0	0.2	-	0.8	0.6
Bicycles on Road	0	1	0	0	-	1	0	0	6	0	-	6	0	0	2	0	-	2	0	1	1	0	-	2	11
% Bicycles on Road	-	0.2	0.0	0.0	-	0.0	-	0.0	0.2	0.0	-	0.1	0.0	0.0	0.0	0.0	-	0.0	-	0.1	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	-	115	-	-	-	-	-	91	-	-	-	-	-	153	-	-	-	-	-	109	-
% Pedestrians	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-





Kenig Lindgren O'Hara Aboona, Inc.  
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018  
(847)518-9990

Count Name: Madison Street and Harlem Avenue  
Site Code:  
Start Date: 05/19/2016  
Page No.: 4

### Turning Movement Peak Hour Data (7:15 AM)

Start Time	Madison Street Eastbound						Madison Street Westbound						Harlem Avenue Northbound						Harlem Avenue Southbound						
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
7:15 AM	0	14	120	2	3	136	0	49	113	58	1	220	0	4	163	65	4	232	0	80	266	21	1	367	955
7:30 AM	0	12	116	1	1	129	0	47	103	77	2	227	0	9	204	60	3	273	0	74	233	20	1	327	956
7:45 AM	0	10	90	4	2	104	0	67	96	87	2	250	0	16	209	77	3	302	0	58	258	19	1	335	991
8:00 AM	0	22	111	8	1	141	0	86	128	78	7	292	0	11	180	46	4	237	0	46	222	19	1	287	957
Total	0	58	437	15	7	510	0	249	440	300	12	989	0	40	756	248	14	1044	0	258	979	79	4	1316	3859
Approach %	0.0	11.4	85.7	2.9	-	-	0.0	25.2	44.5	30.3	-	-	0.0	3.8	72.4	23.8	-	-	0.0	19.6	74.4	6.0	-	-	-
Total %	0.0	1.5	11.3	0.4	-	13.2	0.0	6.5	11.4	7.8	-	25.6	0.0	1.0	19.6	6.4	-	27.1	0.0	6.7	25.4	2.0	-	34.1	-
PHF	0.000	0.659	0.910	0.469	-	0.904	0.000	0.724	0.859	0.862	-	0.847	0.000	0.625	0.904	0.805	-	0.864	0.000	0.806	0.920	0.940	-	0.896	0.974
Lights	0	46	418	12	-	476	0	247	433	293	-	973	0	37	694	240	-	971	0	251	928	73	-	1252	3672
% Lights	-	79.3	95.7	80.0	-	93.3	-	99.2	98.4	97.7	-	98.4	-	92.5	91.8	96.8	-	93.0	-	97.3	94.8	92.4	-	95.1	95.2
Buses	0	5	5	1	-	11	0	0	2	2	-	4	0	0	4	3	-	7	0	1	5	5	-	11	33
% Buses	-	8.6	1.1	6.7	-	2.2	-	0.0	0.5	0.7	-	0.4	-	0.0	0.5	1.2	-	0.7	-	0.4	0.5	6.3	-	0.8	0.9
Single-Unit Trucks	0	6	13	2	-	21	0	2	3	4	-	9	0	1	38	4	-	43	0	6	30	1	-	37	110
% Single-Unit Trucks	-	10.3	3.0	13.3	-	4.1	-	0.8	0.7	1.3	-	0.9	-	2.5	5.0	1.6	-	4.1	-	2.3	3.1	1.3	-	2.8	2.9
Articulated Trucks	0	1	1	0	-	2	0	0	1	1	-	2	0	2	20	1	-	23	0	0	16	0	-	16	43
% Articulated Trucks	-	1.7	0.2	0.0	-	0.4	-	0.0	0.2	0.3	-	0.2	-	5.0	2.6	0.4	-	2.2	-	0.0	1.6	0.0	-	1.2	1.1
Bicycles on Road	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.2	0.0	-	0.1	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	7	-	-	-	-	-	12	-	-	-	-	-	14	-	-	-	-	-	4	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-



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9575 W. Higgins Rd., Suite 400

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Count Name: Madison Street and Harlem Avenue  
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Start Date: 05/19/2016  
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### Turning Movement Peak Hour Data (5:00 PM)

Start Time	Madison Street Eastbound					Madison Street Westbound					Harlem Avenue Northbound					Harlem Avenue Southbound									
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
5:00 PM	0	28	93	13	9	134	0	54	85	60	1	199	0	16	210	40	5	266	0	29	261	19	3	309	908
5:15 PM	0	20	97	16	6	133	0	62	90	71	4	223	0	13	197	37	12	247	0	44	255	15	4	314	917
5:30 PM	0	11	100	12	7	123	0	58	82	56	6	196	0	17	225	48	9	290	0	34	270	14	2	318	927
5:45 PM	0	9	91	14	9	114	0	58	108	56	3	222	0	16	221	39	7	276	0	26	281	28	4	335	947
Total	0	68	381	55	31	504	0	232	365	243	14	840	0	62	853	164	33	1079	0	133	1067	76	13	1276	3699
Approach %	0.0	13.5	75.6	10.9	-	-	0.0	27.6	43.5	28.9	-	-	0.0	5.7	79.1	15.2	-	-	0.0	10.4	83.6	6.0	-	-	-
Total %	0.0	1.8	10.3	1.5	-	13.6	0.0	6.3	9.9	6.6	-	22.7	0.0	1.7	23.1	4.4	-	29.2	0.0	3.6	28.8	2.1	-	34.5	-
PHF	0.000	0.607	0.953	0.859	-	0.940	0.000	0.935	0.845	0.856	-	0.942	0.000	0.912	0.948	0.854	-	0.930	0.000	0.756	0.949	0.679	-	0.952	0.977
Lights	0	63	376	55	-	494	0	232	355	239	-	826	0	62	833	162	-	1057	0	130	1035	73	-	1238	3615
% Lights	-	92.6	98.7	100.0	-	98.0	-	100.0	97.3	98.4	-	98.3	-	100.0	97.7	98.8	-	98.0	-	97.7	97.0	96.1	-	97.0	97.7
Buses	0	4	2	0	-	6	0	0	4	0	-	4	0	0	7	0	-	7	0	1	6	3	-	10	27
% Buses	-	5.9	0.5	0.0	-	1.2	-	0.0	1.1	0.0	-	0.5	-	0.0	0.8	0.0	-	0.6	-	0.8	0.6	3.9	-	0.8	0.7
Single-Unit Trucks	0	1	3	0	-	4	0	0	5	4	-	9	0	0	3	2	-	5	0	2	17	0	-	19	37
% Single-Unit Trucks	-	1.5	0.8	0.0	-	0.8	-	0.0	1.4	1.6	-	1.1	-	0.0	0.4	1.2	-	0.5	-	1.5	1.6	0.0	-	1.5	1.0
Articulated Trucks	0	0	0	0	-	0	0	0	1	0	-	1	0	0	10	0	-	10	0	0	9	0	-	9	20
% Articulated Trucks	-	0.0	0.0	0.0	-	0.0	-	0.0	0.3	0.0	-	0.1	-	0.0	1.2	0.0	-	0.9	-	0.0	0.8	0.0	-	0.7	0.5
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Pedestrians	-	-	-	-	31	-	-	-	-	-	14	-	-	-	-	-	33	-	-	-	-	-	13	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-



Kenig Lindgren O'Hara Aboona, Inc.  
 9575 W. Higgins Rd., Suite 400  
 Rosemont, Illinois, United States 60018  
 (847)518-9990

Count Name: Madison Street and Wisconsin Avenue  
 Site Code: 05/19/2016  
 Start Date: 05/19/2016  
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### Turning Movement Data

Start Time	Madison Street Eastbound					Madison Street Westbound					Wisconsin Avenue Northbound					Wisconsin Avenue Southbound										
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total	
7:00 AM	0	2	233	14	3	249	0	6	195	4	1	205	0	3	0	4	1	7	0	4	1	9	5	14	475	
7:15 AM	0	2	272	11	3	285	0	11	229	2	1	242	0	4	2	4	2	10	0	5	2	7	0	14	551	
7:30 AM	0	1	257	25	1	283	0	5	245	5	1	255	0	8	2	8	1	18	0	7	2	3	4	12	568	
7:45 AM	0	4	232	18	8	254	0	20	277	13	2	310	0	6	3	6	1	15	0	6	1	2	2	9	588	
Hourly Total	0	9	994	68	15	1071	0	42	946	24	5	1012	0	21	7	22	5	50	0	22	6	21	11	49	2182	
8:00 AM	0	1	214	16	6	231	0	18	287	12	3	317	0	3	2	10	1	15	0	4	2	3	4	9	572	
8:15 AM	0	2	204	14	3	220	0	28	252	15	2	295	0	9	1	1	2	11	0	6	1	0	4	7	533	
8:30 AM	0	5	182	6	5	193	0	12	218	7	0	237	0	9	0	4	2	13	0	6	1	2	3	9	452	
8:45 AM	0	5	201	19	2	225	0	15	216	5	0	236	0	10	0	2	2	12	0	9	3	5	7	17	490	
Hourly Total	0	13	801	55	16	869	0	73	973	39	5	1065	0	31	3	17	7	51	0	25	7	10	18	42	2047	
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00 PM	0	3	156	2	4	161	0	7	187	14	2	208	0	13	2	19	5	34	0	5	0	3	11	8	411	
4:15 PM	0	5	166	8	5	179	0	10	209	12	3	231	0	15	2	18	3	35	0	8	0	0	10	8	453	
4:30 PM	0	2	167	3	2	172	0	10	194	12	4	216	0	19	4	20	3	43	0	4	1	2	7	7	438	
4:45 PM	0	3	153	5	1	161	0	3	189	23	4	215	0	14	7	20	1	41	0	7	0	4	1	11	428	
Hourly Total	0	13	642	18	12	673	0	30	779	61	13	870	0	61	15	77	12	153	0	24	1	9	29	34	1730	
5:00 PM	0	0	188	4	2	192	0	12	170	22	4	204	0	21	5	15	3	41	0	3	0	2	7	5	442	
5:15 PM	0	6	189	3	5	198	0	10	209	19	4	238	0	18	2	13	2	33	0	3	0	4	3	7	476	
5:30 PM	0	2	197	3	19	202	0	2	188	19	8	209	0	13	1	15	13	29	0	5	1	2	4	8	448	
5:45 PM	0	5	176	2	2	183	0	1	208	5	6	214	0	17	3	8	8	28	0	9	3	6	2	18	443	
Hourly Total	0	13	750	12	28	775	0	25	775	65	22	865	0	69	11	51	26	131	0	20	4	14	16	38	1809	
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 PM	0	2	178	3	9	183	0	4	213	11	4	228	0	4	0	4	6	8	0	6	1	7	15	14	433	
12:15 PM	0	8	163	6	12	177	0	5	231	13	6	249	0	5	0	3	9	8	0	3	3	2	18	8	442	
12:30 PM	0	3	174	4	8	181	0	3	231	7	5	241	0	4	0	7	5	11	0	6	0	7	11	13	446	
12:45 PM	0	4	175	2	3	181	0	5	227	6	3	238	0	4	0	3	6	7	0	3	0	2	9	5	431	
Hourly Total	0	17	690	15	32	722	0	17	902	37	18	956	0	17	0	17	26	34	0	18	4	18	53	40	1752	
1:00 PM	0	5	164	8	6	177	1	5	238	2	0	246	0	8	1	5	8	14	0	5	0	5	2	10	447	
1:15 PM	0	2	188	5	9	195	0	4	227	9	4	240	0	4	0	8	6	12	0	7	1	8	23	16	463	
1:30 PM	0	2	163	5	8	170	0	5	210	3	1	218	0	4	1	2	4	7	0	6	0	5	7	11	406	
1:45 PM	0	2	161	0	3	163	0	5	227	7	2	239	0	6	0	2	9	8	0	7	1	3	10	11	421	
Hourly Total	0	11	676	18	26	705	1	19	902	21	7	943	0	22	2	17	27	41	0	25	2	21	42	48	1737	
Grand Total	0	76	4553	186	129	4815	1	206	5277	247	70	5731	0	221	38	201	103	460	0	134	24	93	169	251	11257	
Approach %	0.0	1.6	94.6	3.9	-	-	0.0	3.6	92.1	4.3	-	-	0.0	48.0	8.3	43.7	-	-	0.0	53.4	9.6	37.1	-	-	-	
Total %	0.0	0.7	40.4	1.7	-	42.8	0.0	1.8	46.9	2.2	-	50.9	0.0	2.0	0.3	1.8	-	4.1	0.0	1.2	0.2	0.8	-	-	2.2	
Lights	0	76	4440	182	-	4698	1	199	5171	240	-	5611	0	212	30	198	-	440	0	131	19	91	-	241	10990	
% Lights	-	100.0	97.5	97.8	-	97.6	100.0	96.6	98.0	97.2	-	97.9	-	95.9	78.9	98.5	-	95.7	-	97.8	79.2	97.8	-	96.0	97.6	





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### Turning Movement Peak Hour Data (7:15 AM)

Start Time	Madison Street Eastbound					Madison Street Westbound					Wisconsin Avenue Northbound					Wisconsin Avenue Southbound									
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
7:15 AM	0	2	272	11	3	285	0	11	229	2	1	242	0	4	2	4	2	10	0	5	2	7	0	14	551
7:30 AM	0	1	257	25	1	283	0	5	245	5	1	255	0	8	2	8	1	18	0	7	2	3	4	12	588
7:45 AM	0	4	232	18	8	254	0	20	277	13	2	310	0	6	3	6	1	15	0	6	1	2	2	9	588
8:00 AM	0	1	214	16	6	231	0	18	287	12	3	317	0	3	2	10	1	15	0	4	2	3	4	9	572
Total	0	8	975	70	18	1053	0	54	1038	32	7	1124	0	21	9	28	5	58	0	22	7	15	10	44	2279
Approach %	0.0	0.8	92.6	6.6	-	-	0.0	4.8	92.3	2.8	-	-	0.0	36.2	15.5	48.3	-	-	0.0	50.0	15.9	34.1	-	-	-
Total %	0.0	0.4	42.8	3.1	-	46.2	0.0	2.4	45.5	1.4	-	49.3	0.0	0.9	0.4	1.2	-	2.5	0.0	1.0	0.3	0.7	-	1.9	-
PHF	0.000	0.500	0.896	0.700	-	0.924	0.000	0.675	0.904	0.615	-	0.886	0.000	0.656	0.750	0.700	-	0.806	0.000	0.786	0.875	0.536	-	0.786	0.969
Lights	0	8	937	69	-	1014	0	52	1023	31	-	1106	0	19	3	26	-	48	0	21	6	15	-	42	2210
% Lights	-	100.0	96.1	98.6	-	96.3	-	96.3	98.6	96.9	-	98.4	-	90.5	33.3	92.9	-	82.8	-	95.5	85.7	100.0	-	95.5	97.0
Buses	0	0	10	0	-	10	0	0	6	1	-	7	0	0	0	0	-	0	0	0	0	0	-	0	17
% Buses	-	0.0	1.0	0.0	-	0.9	-	0.0	0.6	3.1	-	0.6	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.7
Single-Unit Trucks	0	0	23	1	-	24	0	2	7	0	-	9	0	2	1	2	-	5	0	1	0	0	-	1	39
% Single-Unit Trucks	-	0.0	2.4	1.4	-	2.3	-	3.7	0.7	0.0	-	0.8	-	9.5	11.1	7.1	-	8.6	-	4.5	0.0	0.0	-	2.3	1.7
Articulated Trucks	0	0	5	0	-	5	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	6
% Articulated Trucks	-	0.0	0.5	0.0	-	0.5	-	0.0	0.1	0.0	-	0.1	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.3
Bicycles on Road	0	0	0	0	-	0	0	0	1	0	-	1	0	0	5	0	-	5	0	0	1	0	-	1	7
% Bicycles on Road	-	0.0	0.0	0.0	-	0.0	-	0.0	0.1	0.0	-	0.1	-	0.0	55.6	0.0	-	8.6	-	0.0	14.3	0.0	-	2.3	0.3
Pedestrians	-	-	-	-	18	-	-	-	-	-	7	-	-	-	-	-	-	5	-	-	-	-	10	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-	-	-	-	100.0	-	-



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Start Date: 05/19/2016  
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### Turning Movement Peak Hour Data (5:00 PM)

Start Time	Madison Street Eastbound					Madison Street Westbound					Wisconsin Avenue Northbound					Wisconsin Avenue Southbound									
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
5:00 PM	0	0	188	4	2	192	0	12	170	22	4	204	0	21	5	15	3	41	0	3	0	2	7	5	442
5:15 PM	0	6	189	3	5	198	0	10	209	19	4	238	0	18	2	13	2	33	0	3	0	4	3	7	476
5:30 PM	0	2	197	3	19	202	0	2	188	19	8	209	0	13	1	15	13	29	0	5	1	2	4	8	448
5:45 PM	0	5	176	2	2	183	0	1	208	5	6	214	0	17	3	8	8	28	0	9	3	6	2	18	443
Total	0	13	750	12	28	775	0	25	775	65	22	865	0	69	11	51	26	131	0	20	4	14	16	38	1809
Approach %	0.0	1.7	96.8	1.5	-	-	0.0	2.9	89.6	7.5	-	-	0.0	52.7	8.4	38.9	-	-	0.0	52.6	10.5	36.8	-	-	-
Total %	0.0	0.7	41.5	0.7	-	42.8	0.0	1.4	42.8	3.6	-	47.8	0.0	3.8	0.6	2.8	-	7.2	0.0	1.1	0.2	0.8	-	2.1	-
PHF	0.000	0.542	0.952	0.750	-	0.959	0.000	0.521	0.927	0.739	-	0.909	0.000	0.821	0.550	0.850	-	0.799	0.000	0.556	0.333	0.583	-	0.528	0.950
Lights	0	13	738	11	-	762	0	24	759	65	-	848	0	68	10	50	-	128	0	20	1	14	-	35	1773
% Lights	-	100.0	98.4	91.7	-	98.3	-	96.0	97.9	100.0	-	98.0	-	98.6	90.9	98.0	-	97.7	-	100.0	25.0	100.0	-	92.1	98.0
Buses	0	0	3	0	-	3	0	0	4	0	-	4	0	0	0	0	-	0	0	0	0	0	-	0	7
% Buses	-	0.0	0.4	0.0	-	0.4	-	0.0	0.5	0.0	-	0.5	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.4
Single-Unit Trucks	0	0	7	1	-	8	0	1	11	0	-	12	0	1	0	1	-	2	0	0	0	0	-	0	22
% Single-Unit Trucks	-	0.0	0.9	8.3	-	1.0	-	4.0	1.4	0.0	-	1.4	-	1.4	0.0	2.0	-	1.5	-	0.0	0.0	0.0	-	0.0	1.2
Articulated Trucks	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	0	0	0	0	-	0	1
% Articulated Trucks	-	0.0	0.0	0.0	-	0.0	-	0.0	0.1	0.0	-	0.1	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.1
Bicycles on Road	0	0	2	0	-	2	0	0	0	0	-	0	0	0	1	0	-	1	0	0	3	0	-	3	6
% Bicycles on Road	-	0.0	0.3	0.0	-	0.3	-	0.0	0.0	0.0	-	0.0	-	0.0	9.1	0.0	-	0.8	-	0.0	75.0	0.0	-	7.9	0.3
Pedestrians	-	-	-	-	28	-	-	-	-	-	22	-	-	-	-	-	26	-	-	-	-	-	16	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-





Kenig Lindgren OHara Aboona, Inc.  
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018  
(847)518-9990

Count Name: Madison Street with Maple Avenue  
Site Code:  
Start Date: 07/20/2016  
Page No: 1

### Turning Movement Data

Start Time	Madison Street Eastbound					Madison Street Westbound					Maple Avenue Northbound					Maple Avenue Southbound										
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total	
7:00 AM	0	1	178	2	0	181	0	7	200	3	0	210	0	0	0	11	4	11	0	2	0	3	1	5	407	
7:15 AM	0	0	202	3	0	205	0	3	204	3	0	210	0	1	1	4	3	6	0	1	0	0	0	1	422	
7:30 AM	0	0	183	8	0	191	0	9	211	4	0	224	0	3	0	12	4	15	0	2	1	4	4	7	437	
7:45 AM	0	0	226	8	1	234	0	9	241	6	6	256	0	2	3	19	4	24	0	4	0	1	3	5	519	
Hourly Total	0	1	789	21	1	811	0	28	856	16	6	900	0	6	4	46	15	56	0	9	1	8	8	18	1785	
8:00 AM	0	3	213	8	3	224	0	4	216	9	2	229	0	1	2	14	4	17	0	3	1	2	3	6	476	
8:15 AM	0	0	175	13	0	188	0	8	187	7	1	202	0	1	2	16	7	19	0	1	2	3	5	6	415	
8:30 AM	0	1	162	9	0	172	0	10	192	9	2	211	0	2	1	10	0	13	0	2	2	3	3	7	403	
8:45 AM	0	3	174	10	0	187	0	7	174	9	1	190	0	6	0	17	4	23	0	2	1	6	4	9	409	
Hourly Total	0	7	724	40	3	771	0	29	769	34	6	832	0	10	5	57	15	72	0	8	6	14	15	28	1703	
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4:00 PM	0	3	173	6	2	182	0	5	197	12	0	214	0	5	1	30	9	36	0	2	0	3	3	5	437	
4:15 PM	0	3	158	3	0	164	0	5	188	6	3	199	0	4	2	19	5	25	0	1	4	3	2	8	386	
4:30 PM	0	4	172	5	0	181	0	5	211	6	4	222	0	4	1	24	4	29	0	4	2	1	7	7	439	
4:45 PM	0	1	172	8	2	181	0	4	200	10	0	214	0	4	3	15	2	22	0	5	1	2	3	8	425	
Hourly Total	0	11	675	22	4	708	0	19	796	34	7	849	0	17	7	88	20	112	0	12	7	9	15	28	1697	
5:00 PM	0	0	175	5	0	180	0	2	198	8	0	208	0	4	6	31	4	41	0	3	0	2	5	5	434	
5:15 PM	0	5	171	4	0	180	1	1	184	8	1	194	0	3	2	18	2	23	0	2	2	3	2	7	404	
5:30 PM	0	3	185	3	1	191	0	2	194	3	0	199	0	3	2	21	3	26	0	5	2	2	5	9	425	
5:45 PM	0	1	193	4	1	198	0	3	193	8	1	204	0	2	3	22	6	27	0	1	0	8	4	9	438	
Hourly Total	0	9	724	16	2	749	1	8	769	27	2	805	0	12	13	92	15	117	0	11	4	15	16	30	1701	
Grand Total	0	28	2912	99	10	3039	1	84	3190	111	21	3386	0	45	29	283	65	357	0	40	18	46	54	104	6886	
Approach %	0.0	0.9	95.8	3.3	-	-	0.0	2.5	94.2	3.3	-	-	0.0	12.6	8.1	79.3	-	-	0.0	38.5	17.3	44.2	-	-	-	
Total %	0.0	0.4	42.3	1.4	-	44.1	0.0	1.2	46.3	1.6	-	49.2	0.0	0.7	0.4	4.1	-	5.2	0.0	0.6	0.3	0.7	-	-	1.5	
Lights	0	26	2823	97	-	2946	1	83	3091	110	-	3285	0	45	27	280	-	352	0	38	17	44	-	-	99	6882
% Lights	-	92.9	96.9	98.0	-	96.9	100.0	98.8	96.9	99.1	-	97.0	-	100.0	93.1	98.9	-	98.6	-	95.0	94.4	95.7	-	-	95.2	97.0
Buses	0	1	23	0	-	24	0	1	18	0	-	19	0	0	0	3	-	3	0	0	0	1	-	-	1	47
% Buses	-	3.6	0.8	0.0	-	0.8	0.0	1.2	0.6	0.0	-	0.6	-	0.0	0.0	1.1	-	0.8	-	0.0	0.0	2.2	-	-	1.0	0.7
Single-Unit Trucks	0	1	58	0	-	59	0	0	65	1	-	66	0	0	0	0	-	0	0	2	1	1	-	-	4	129
% Single-Unit Trucks	-	3.6	2.0	0.0	-	1.9	0.0	0.0	2.0	0.9	-	1.9	-	0.0	0.0	0.0	-	0.0	-	5.0	5.6	2.2	-	-	3.8	1.9
Articulated Trucks	0	0	4	0	-	4	0	0	11	0	-	11	0	0	0	0	-	0	0	0	0	0	-	-	0	15
% Articulated Trucks	-	0.0	0.1	0.0	-	0.1	0.0	0.0	0.3	0.0	-	0.3	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	-	0.0	0.2
Bicycles on Road	0	0	4	2	-	6	0	0	5	0	-	5	0	0	2	0	-	2	0	0	0	0	-	-	0	13
% Bicycles on Road	-	0.0	0.1	2.0	-	0.2	0.0	0.0	0.2	0.0	-	0.1	-	0.0	6.9	0.0	-	0.6	-	0.0	0.0	0.0	-	-	0.0	0.2
Pedestrians	-	-	-	-	-	10	-	-	-	-	-	21	-	-	-	-	-	65	-	-	-	-	-	-	54	-

% Pedestrians	-	-	-	100.0	-	-	-	100.0	-	-	-	100.0	-	-	-	100.0	-	-	-
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Kenig Lindgren O'Hara Aboona, Inc.  
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Count Name: Madison Street with Maple Avenue  
Site Code:  
Start Date: 07/20/2016  
Page No: 4

### Turning Movement Peak Hour Data (7:15 AM)

Start Time	Madison Street Eastbound					Madison Street Westbound					Maple Avenue Northbound					Maple Avenue Southbound										
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total	
7:15 AM	0	0	202	3	0	205	0	3	204	3	0	210	0	1	1	4	3	6	0	1	0	0	0	0	1	422
7:30 AM	0	0	183	8	0	191	0	9	211	4	0	224	0	3	0	12	4	15	0	2	1	4	4	4	7	437
7:45 AM	0	0	226	8	1	234	0	9	241	6	6	256	0	2	3	19	4	24	0	4	0	1	3	3	5	519
8:00 AM	0	3	213	8	3	224	0	4	216	9	2	229	0	1	2	14	4	17	0	3	1	2	3	6	6	476
Total	0	3	824	27	4	854	0	25	872	22	8	919	0	7	6	49	15	62	0	10	2	7	10	19	1854	
Approach %	0.0	0.4	96.5	3.2	-	-	0.0	2.7	94.9	2.4	-	-	0.0	11.3	9.7	79.0	-	-	0.0	52.6	10.5	36.8	-	-	-	-
Total %	0.0	0.2	44.4	1.5	-	46.1	0.0	1.3	47.0	1.2	-	49.6	0.0	0.4	0.3	2.6	-	3.3	0.0	0.5	0.1	0.4	-	-	1.0	
PHF	0.000	0.250	0.912	0.844	-	0.912	0.000	0.694	0.905	0.611	-	0.897	0.000	0.583	0.500	0.645	-	0.646	0.000	0.625	0.500	0.438	-	-	0.679	
Lights	0	3	785	27	-	815	0	24	839	22	-	885	0	7	5	47	-	59	0	10	2	6	-	18	1777	
% Lights	-	100.0	95.3	100.0	-	95.4	-	96.0	96.2	100.0	-	96.3	-	100.0	83.3	95.9	-	95.2	-	100.0	100.0	85.7	-	-	94.7	
Buses	0	0	11	0	-	11	0	1	4	0	-	5	0	0	0	2	-	2	0	0	0	1	-	-	1	
% Buses	-	0.0	1.3	0.0	-	1.3	-	4.0	0.5	0.0	-	0.5	-	0.0	0.0	4.1	-	3.2	-	0.0	0.0	14.3	-	-	5.3	
Single-Unit Trucks	0	0	25	0	-	25	0	0	20	0	-	20	0	0	0	0	-	0	0	0	0	0	0	0	0	45
% Single-Unit Trucks	-	0.0	3.0	0.0	-	2.9	-	0.0	2.3	0.0	-	2.2	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	-	0.0	
Articulated Trucks	0	0	2	0	-	2	0	0	6	0	-	6	0	0	0	0	-	0	0	0	0	0	-	-	0	
% Articulated Trucks	-	0.0	0.2	0.0	-	0.2	-	0.0	0.7	0.0	-	0.7	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	-	0.0	
Bicycles on Road	0	0	1	0	-	1	0	0	3	0	-	3	0	0	1	0	-	1	0	0	0	0	-	-	0	
% Bicycles on Road	-	0.0	0.1	0.0	-	0.1	-	0.0	0.3	0.0	-	0.3	-	0.0	16.7	0.0	-	1.6	-	0.0	0.0	0.0	-	-	0.0	
Pedestrians	-	-	-	-	4	-	-	-	-	-	8	-	-	-	-	-	15	-	-	-	-	-	10	-	-	
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	



Kenig Lindgren O'Hara Aboona, Inc.  
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Count Name: Madison Street with Maple Avenue  
Site Code: 07/20/2016  
Start Date: 07/20/2016  
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### Turning Movement Peak Hour Data (5:00 PM)

Start Time	Madison Street Eastbound					Madison Street Westbound					Maple Avenue Northbound					Maple Avenue Southbound									
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
5:00 PM	0	0	175	5	0	180	0	2	198	8	0	208	0	4	6	31	4	41	0	3	0	2	5	5	434
5:15 PM	0	5	171	4	0	180	1	1	184	8	1	194	0	3	2	18	2	23	0	2	2	3	2	7	404
5:30 PM	0	3	185	3	1	191	0	2	194	3	0	199	0	3	2	21	3	26	0	5	2	2	5	9	425
5:45 PM	0	1	193	4	1	198	0	3	193	8	1	204	0	2	3	22	6	27	0	1	0	8	4	9	438
Total	0	9	724	16	2	749	1	8	769	27	2	805	0	12	13	92	15	117	0	11	4	15	16	30	1701
Approach %	0.0	1.2	96.7	2.1	-	-	0.1	1.0	95.5	3.4	-	-	0.0	10.3	11.1	78.6	-	-	0.0	36.7	13.3	50.0	-	-	-
Total %	0.0	0.5	42.6	0.9	-	44.0	0.1	0.5	45.2	1.6	-	47.3	0.0	0.7	0.8	5.4	-	6.9	0.0	0.6	0.2	0.9	-	1.8	-
PHF	0.000	0.450	0.938	0.800	-	0.946	0.250	0.667	0.971	0.844	-	0.968	0.000	0.750	0.542	0.742	-	0.713	0.000	0.550	0.500	0.469	-	0.833	0.971
Lights	0	9	719	16	-	744	1	8	759	27	-	795	0	12	13	92	-	117	0	10	4	15	-	29	1685
% Lights	-	100.0	99.3	100.0	-	99.3	100.0	100.0	98.7	100.0	-	98.8	-	100.0	100.0	100.0	-	100.0	-	90.9	100.0	100.0	-	96.7	99.1
Buses	0	0	1	0	-	1	0	0	4	0	-	4	0	0	0	0	-	0	0	0	0	0	-	0	5
% Buses	-	0.0	0.1	0.0	-	0.1	0.0	0.0	0.5	0.0	-	0.5	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.3
Single-Unit Trucks	0	0	2	0	-	2	0	0	6	0	-	6	0	0	0	0	-	0	0	1	0	0	-	1	9
% Single-Unit Trucks	-	0.0	0.3	0.0	-	0.3	0.0	0.0	0.8	0.0	-	0.7	-	0.0	0.0	0.0	-	0.0	-	9.1	0.0	0.0	-	3.3	0.5
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Articulated Trucks	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	0	2	0	-	2	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	2
% Bicycles on Road	-	0.0	0.3	0.0	-	0.3	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.1
Pedestrians	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	15	-	-	-	-	-	16	-	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-



Kenig Lindgren O'Hara Aboona, Inc.  
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(847)518-9990

Count Name: Maple Avenue with Monroe Street  
Site Code:  
Start Date: 07/20/2016  
Page No: 1

### Turning Movement Data

Start Time	Monroe Street Eastbound				Maple Avenue Northbound				Maple Avenue Southbound				Int. Total	
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Left	Thru	App. Total	U-Turn	Thru	Right		Peds
7:00 AM	0	14	6	1	20	1	3	0	4	2	1	2	2	5
7:15 AM	0	7	5	0	12	0	4	2	6	0	2	2	1	4
7:30 AM	0	11	5	1	16	0	2	4	6	2	8	3	6	13
7:45 AM	0	20	20	0	40	0	3	9	12	0	13	3	8	16
Hourly Total	0	52	36	2	88	1	12	15	28	4	24	10	17	38
8:00 AM	0	15	10	4	25	0	3	6	9	0	4	4	5	8
8:15 AM	0	17	10	2	27	0	2	5	7	3	9	1	7	13
8:30 AM	1	7	7	2	15	0	2	9	11	2	10	4	7	16
8:45 AM	0	12	11	2	23	0	7	11	18	1	12	0	7	13
Hourly Total	1	51	38	10	90	0	14	31	45	6	35	9	26	50
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00 PM	0	15	6	6	21	0	12	11	23	1	6	2	10	9
4:15 PM	2	13	4	1	19	0	6	10	16	3	9	3	4	15
4:30 PM	0	12	4	5	16	0	10	11	21	1	7	3	5	11
4:45 PM	1	8	5	2	14	0	7	9	16	1	5	5	4	11
Hourly Total	3	48	19	14	70	0	35	41	76	6	27	13	23	46
5:00 PM	0	26	3	1	29	0	8	10	18	0	4	4	6	8
5:15 PM	0	14	5	2	19	0	3	11	14	0	8	3	4	11
5:30 PM	0	14	2	0	16	0	2	6	8	0	4	0	4	4
5:45 PM	0	14	5	2	19	0	4	4	8	0	2	4	6	6
Hourly Total	0	68	15	5	83	0	17	31	48	0	18	11	20	29
Grand Total	4	219	108	31	331	1	78	118	197	16	104	43	86	163
Approach %	1.2	66.2	32.6	-	-	0.5	39.6	59.9	-	9.8	63.8	26.4	-	-
Total %	0.6	31.7	15.6	-	47.9	0.1	11.3	17.1	28.5	2.3	15.1	6.2	-	23.6
Lights	4	218	108	-	330	1	78	111	190	16	101	42	-	159
% Lights	100.0	99.5	100.0	-	99.7	100.0	100.0	94.1	96.4	100.0	97.1	97.7	-	97.5
Buses	0	0	0	-	0	0	0	3	3	0	0	1	-	1
% Buses	0.0	0.0	0.0	-	0.0	0.0	0.0	2.5	1.5	0.0	0.0	2.3	-	0.6
Single-Unit Trucks	0	0	0	-	0	0	0	2	2	0	0	0	-	0
% Single-Unit Trucks	0.0	0.0	0.0	-	0.0	0.0	0.0	1.7	1.0	0.0	0.0	0.0	-	0.0
Articulated Trucks	0	0	0	-	0	0	0	0	0	0	0	0	-	0
% Articulated Trucks	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
Bicycles on Road	0	1	0	-	1	0	0	2	2	0	3	0	-	3
% Bicycles on Road	0.0	0.5	0.0	-	0.3	0.0	0.0	1.7	1.0	0.0	2.9	0.0	-	1.8
Pedestrians	-	-	-	31	-	-	-	-	-	-	-	-	86	-
% Pedestrians	-	-	-	100.0	-	-	-	-	-	-	-	-	100.0	-



Kenig Lindgren O'Hara Aboona, Inc.  
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018  
(847)518-9990

Count Name: Maple Avenue with Monroe Street  
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Start Date: 07/20/2016  
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### Turning Movement Peak Hour Data (7:15 AM)

Start Time	Monroe Street Eastbound					Maple Avenue Northbound					Maple Avenue Southbound				
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Left	Thru	App. Total	U-Turn	Thru	Right	Peds	App. Total	Int. Total
7:15 AM	0	7	5	0	12	0	4	2	6	0	2	2	1	4	22
7:30 AM	0	11	5	1	16	0	2	4	6	2	8	3	6	13	35
7:45 AM	0	20	20	0	40	0	3	9	12	0	13	3	8	16	68
8:00 AM	0	15	10	4	25	0	3	6	9	0	4	4	5	8	42
Total	0	53	40	5	93	0	12	21	33	2	27	12	20	41	167
Approach %	0.0	57.0	43.0	-	-	0.0	36.4	63.6	-	4.9	65.9	29.3	-	-	-
Total %	0.0	31.7	24.0	-	55.7	0.0	7.2	12.6	19.8	1.2	16.2	7.2	-	24.6	-
PHF	0.000	0.663	0.500	-	0.581	0.000	0.750	0.583	0.888	0.250	0.519	0.750	-	0.641	0.614
% Lights	0	52	40	-	92	0	12	17	29	2	27	11	-	40	161
% Buses	-	0	0	-	0	-	0	2	2	0	0	1	-	1	3
% Buses	-	0.0	0.0	-	0.0	-	0.0	9.5	6.1	0.0	0.0	8.3	-	2.4	1.8
Single-Unit Trucks	0	0	0	-	0	0	0	2	2	0	0	0	-	0	2
% Single-Unit Trucks	-	0.0	0.0	-	0.0	-	0.0	9.5	6.1	0.0	0.0	0.0	-	0.0	1.2
Articulated Trucks	0	0	0	-	0	0	0	0	0	0	0	0	-	0	0
% Articulated Trucks	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	1	0	-	1	0	0	0	0	0	0	0	-	0	1
% Bicycles on Road	-	1.9	0.0	-	1.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.6
Pedestrians	-	-	-	5	-	-	-	-	-	-	-	-	20	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	-	-	-	-	100.0	-	-





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Count Name: Maple Avenue with Monroe Street  
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Start Date: 07/20/2016  
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### Turning Movement Peak Hour Data (5:00 PM)

Start Time	Monroe Street Eastbound					Maple Avenue Northbound					Maple Avenue Southbound				
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Left	Thru	App. Total	U-Turn	Thru	Right	Peds	App. Total	Int. Total
5:00 PM	0	26	3	1	29	0	8	10	18	0	4	4	6	8	55
5:15 PM	0	14	5	2	19	0	3	11	14	0	8	3	4	11	44
5:30 PM	0	14	2	0	16	0	2	6	8	0	4	0	4	4	28
5:45 PM	0	14	5	2	19	0	4	4	8	0	2	4	6	6	33
Total	0	68	15	5	83	0	17	31	48	0	18	11	20	29	160
Approach %	0.0	81.9	18.1	-	-	0.0	35.4	64.6	-	0.0	62.1	37.9	-	-	-
Total %	0.0	42.5	9.4	-	51.9	0.0	10.6	19.4	30.0	0.0	11.3	6.9	-	18.1	-
PHF	0.000	0.654	0.750	-	0.716	0.000	0.531	0.705	0.867	0.000	0.563	0.688	-	0.659	0.727
Lights	0	68	15	-	83	0	17	30	47	0	18	11	-	29	159
% Lights	-	100.0	100.0	-	100.0	-	100.0	96.8	97.9	-	100.0	100.0	-	100.0	99.4
Buses	0	0	0	-	0	0	0	0	0	0	0	0	-	0	0
% Buses	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0
Single-Unit Trucks	0	0	0	-	0	0	0	0	0	0	0	0	-	0	0
% Single-Unit Trucks	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0
Articulated Trucks	0	0	0	-	0	0	0	0	0	0	0	0	-	0	0
% Articulated Trucks	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	0	0	-	0	0	0	1	1	0	0	0	-	0	1
% Bicycles on Road	-	0.0	0.0	-	0.0	-	0.0	3.2	2.1	-	0.0	0.0	-	0.0	0.6
Pedestrians	-	-	-	5	-	-	-	-	-	-	-	-	20	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	-	-	-	-	100.0	-	-



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Count Name: Maple Avenue with Parking Lot  
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Site Code: 07/20/2016  
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### Turning Movement Data

Start Time	Parking Lot Access Drive Eastbound					Drop-Off Lane Westbound					Maple Avenue Northbound					Maple Avenue Southbound										
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total		
7:00 AM	0	2	0	0	1	3	0	0	0	1	1	2	0	6	7	0	0	7	13	0	0	0	2	4	4	6
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	4	5	0	0	9	1	0	4	2	4	7	17	
7:30 AM	0	4	0	0	0	4	0	0	1	0	1	1	0	4	8	0	6	12	1	0	11	4	4	16	33	
7:45 AM	0	0	0	0	3	0	0	0	0	0	5	0	0	5	26	0	7	31	0	0	16	3	4	19	50	
Hourly Total	0	6	0	1	4	7	0	0	2	2	7	4	0	19	46	0	20	65	2	0	33	13	16	48	124	
8:00 AM	0	1	0	1	3	2	0	2	0	2	4	4	0	5	15	0	7	20	0	0	5	4	1	9	35	
8:15 AM	0	1	0	0	0	1	0	0	1	0	6	1	0	6	15	0	11	21	0	0	12	9	2	21	44	
8:30 AM	0	2	0	2	0	4	0	0	0	2	0	2	0	5	13	0	9	18	0	0	13	9	5	22	46	
8:45 AM	0	1	0	1	1	2	0	0	0	1	3	1	0	5	15	0	7	20	0	0	10	4	3	14	37	
Hourly Total	0	5	0	4	4	9	0	2	1	5	13	8	0	21	58	0	34	79	0	0	40	26	11	66	162	
*** BREAK ***																										
4:00 PM	0	3	0	5	3	8	0	1	0	6	5	7	0	1	24	0	0	25	0	0	7	4	0	11	51	
4:15 PM	0	1	0	1	0	2	0	0	0	6	2	6	1	1	19	0	5	21	1	0	11	2	3	14	43	
4:30 PM	0	5	0	2	0	7	0	0	0	2	3	2	0	2	19	0	4	21	0	0	12	1	3	13	43	
4:45 PM	0	3	0	1	1	4	0	0	0	2	3	2	1	0	14	0	3	15	0	0	11	3	9	14	35	
Hourly Total	0	12	0	9	4	21	0	1	0	16	13	17	2	4	76	0	12	82	1	0	41	10	15	52	172	
5:00 PM	0	5	0	2	0	7	0	1	0	1	2	2	0	3	32	0	9	35	0	0	5	1	3	6	50	
5:15 PM	0	0	0	3	0	3	0	1	0	3	2	4	0	1	22	0	3	23	0	0	6	0	4	6	36	
5:30 PM	0	5	0	0	0	5	0	0	0	1	0	1	0	0	20	0	1	20	1	0	4	2	1	7	33	
5:45 PM	0	3	0	2	1	5	0	0	0	1	1	1	0	0	16	0	1	16	0	0	5	2	3	7	29	
Hourly Total	0	13	0	7	1	20	0	2	0	6	5	8	0	4	90	0	14	94	1	0	20	5	11	26	148	
Grand Total	0	36	0	21	13	57	0	5	3	29	38	37	2	48	270	0	80	320	4	0	134	54	53	192	606	
Approach %	0.0	63.2	0.0	36.8	-	-	0.0	13.5	8.1	78.4	-	-	0.6	15.0	84.4	0.0	-	-	2.1	0.0	69.8	28.1	-	-	-	
Total %	0.0	5.9	0.0	3.5	-	9.4	0.0	0.8	0.5	4.8	-	6.1	0.3	7.9	44.6	0.0	-	52.8	0.7	0.0	22.1	8.9	-	31.7	-	
Lights	0	36	0	21	-	57	0	5	3	29	-	37	2	48	261	0	-	311	4	0	130	54	-	188	593	
% Lights	-	100.0	-	100.0	-	100.0	-	100.0	100.0	100.0	-	100.0	100.0	100.0	96.7	-	-	97.2	100.0	-	97.0	100.0	-	97.9	97.9	
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0	3	0	-	3	0	0	1	0	-	1	4	
% Buses	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	1.1	-	-	0.9	0.0	-	0.7	0.0	-	0.5	0.7	
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	2	0	-	2	0	0	1	0	-	1	3	
% Single-Unit Trucks	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.7	-	-	0.6	0.0	-	0.7	0.0	-	0.5	0.5	
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	
% Articulated Trucks	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	4	0	-	4	0	0	2	0	-	2	6	
% Bicycles on Road	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	1.5	-	-	1.3	0.0	-	1.5	0.0	-	1.0	1.0	
Pedestrians	-	-	-	-	-	13	-	-	-	-	-	38	-	-	-	-	-	80	-	-	-	-	-	53	-	





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Site Code: 07/20/2016  
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### Turning Movement Peak Hour Data (7:15 AM)

Start Time	Parking Lot Access Drive Eastbound						Drop-Off Lane Westbound						Maple Avenue Northbound						Maple Avenue Southbound						
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	0	4	5	0	0	0	1	0	4	2	4	7	17
7:30 AM	0	4	0	0	0	4	0	0	1	0	1	1	0	4	8	0	6	12	1	0	11	4	4	16	33
7:45 AM	0	0	0	0	3	0	0	0	0	5	0	5	0	5	26	0	7	31	0	0	16	3	4	19	50
8:00 AM	0	1	0	1	3	2	0	2	0	2	4	4	0	5	15	0	7	20	0	0	5	4	1	9	35
Total	0	5	0	1	6	6	0	2	1	3	10	6	0	18	54	0	20	72	2	0	36	13	13	51	135
Approach %	0.0	83.3	0.0	16.7	-	-	0.0	33.3	16.7	50.0	-	-	0.0	25.0	75.0	0.0	-	-	3.9	0.0	70.6	25.5	-	-	-
Total %	0.0	3.7	0.0	0.7	-	4.4	0.0	1.5	0.7	2.2	-	4.4	0.0	13.3	40.0	0.0	-	53.3	1.5	0.0	26.7	9.6	-	37.8	-
PHF	0.000	0.313	0.000	0.250	-	0.375	0.000	0.250	0.250	0.375	-	0.375	0.000	0.900	0.519	0.000	-	0.581	0.500	0.000	0.563	0.813	-	0.671	0.675
Lights	0	5	0	1	-	6	0	2	1	3	-	6	0	18	49	0	-	67	2	0	35	13	-	50	129
% Lights	-	100.0	-	100.0	-	100.0	-	100.0	100.0	100.0	-	100.0	-	100.0	90.7	-	-	93.1	100.0	-	97.2	100.0	-	98.0	95.6
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0	2	0	-	2	0	0	1	0	-	1	3
% Buses	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	3.7	-	-	2.8	0.0	-	2.8	0.0	-	2.0	2.2
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	2	0	-	2	0	0	0	0	-	0	2
% Single-Unit Trucks	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	3.7	-	-	2.8	0.0	-	0.0	0.0	-	0.0	1.5
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0
% Articulated Trucks	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	0	0	0	-	0	0	0	0	0	-	0	0	0	1	0	-	1	0	0	0	0	-	0	1
% Bicycles on Road	-	0.0	-	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	-	0.0	1.9	-	-	1.4	0.0	-	0.0	0.0	-	0.0	0.7
Pedestrians	-	-	-	-	6	-	-	-	-	-	10	-	-	-	-	-	20	-	-	-	-	-	-	13	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-



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### Turning Movement Peak Hour Data (5:00 PM)

Start Time	Parking Lot Access Drive Eastbound						Drop-Off Lane Westbound						Maple Avenue Northbound						Maple Avenue Southbound						
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total
5:00 PM	0	5	0	2	0	7	0	1	0	1	2	2	0	3	32	0	9	35	0	0	5	1	3	6	50
5:15 PM	0	0	0	3	0	3	0	1	0	3	2	4	0	1	22	0	3	23	0	0	6	0	4	6	36
5:30 PM	0	5	0	0	0	5	0	0	0	1	0	1	0	0	20	0	1	20	1	0	4	2	1	7	33
5:45 PM	0	3	0	2	1	5	0	0	0	1	1	1	0	0	16	0	1	16	0	0	5	2	3	7	29
Total	0	13	0	7	1	20	0	2	0	6	5	8	0	4	90	0	14	94	1	0	20	5	11	26	148
Approach %	0.0	65.0	0.0	35.0	-	-	0.0	25.0	0.0	75.0	-	-	0.0	4.3	95.7	0.0	-	-	3.8	0.0	76.9	19.2	-	-	-
Total %	0.0	8.8	0.0	4.7	-	13.5	0.0	1.4	0.0	4.1	-	5.4	0.0	2.7	60.8	0.0	-	63.5	0.7	0.0	13.5	3.4	-	17.6	-
PHF	0.000	0.650	0.000	0.583	-	0.714	0.000	0.500	0.000	0.500	-	0.500	0.000	0.333	0.703	0.000	-	0.671	0.250	0.000	0.833	0.625	-	0.929	0.740
Lights	0	13	0	7	-	20	0	2	0	6	-	8	0	4	89	0	-	93	1	0	20	5	-	26	147
% Lights	-	100.0	-	100.0	-	100.0	-	100.0	-	100.0	-	100.0	-	100.0	98.9	-	-	98.9	100.0	-	100.0	100.0	-	100.0	99.3
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Buses	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0
Single-Unit Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Single-Unit Trucks	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated Trucks	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0
Bicycles on Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1
% Bicycles on Road	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	1.1	-	-	1.1	0.0	-	0.0	0.0	-	0.0	0.7
Pedestrians	-	-	-	-	1	-	-	-	-	-	5	-	-	-	-	-	14	-	-	-	-	-	-	11	-
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	-	100.0	-



Kenig Lindgren O'Hara Aboona, Inc.  
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018  
(847)518-9990

Count Name: Maple Avenue with Adams Street  
Site Code:  
Start Date: 05/23/2017  
Page No: 1

### Turning Movement Data

Start Time	Access Drive Eastbound				Adams Street Westbound				Maple Avenue Northbound				Maple Avenue Southbound				Int. Total			
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right		Peds	App. Total	
7:00 AM	0	0	0	0	1	0	0	8	0	0	0	1	8	0	0	0	0	2	0	17
7:15 AM	0	0	2	0	0	2	0	6	0	2	0	8	6	0	0	0	0	4	0	16
7:30 AM	0	0	0	0	5	0	0	7	1	2	0	10	3	0	2	0	0	9	6	19
7:45 AM	0	0	0	0	1	0	0	4	0	7	0	11	6	0	2	0	0	1	2	19
Hourly Total	0	0	2	0	7	2	0	25	1	12	0	38	23	0	6	2	0	16	8	71
8:00 AM	0	0	0	0	0	0	0	7	0	7	0	14	4	0	0	1	0	1	1	19
8:15 AM	0	0	0	0	2	0	0	5	0	0	0	5	6	0	0	0	0	0	0	11
8:30 AM	0	0	1	2	0	3	0	10	1	5	0	16	9	0	1	1	0	1	2	30
8:45 AM	0	0	1	0	3	1	0	9	1	5	0	15	11	0	0	1	0	1	2	29
Hourly Total	0	0	2	2	5	4	0	31	2	17	0	50	30	1	1	3	0	4	5	89
*** BREAK ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4:00 PM	0	0	0	0	0	0	0	14	0	19	0	33	2	0	2	0	0	5	2	37
4:15 PM	0	0	0	0	1	0	0	21	1	11	0	33	1	0	1	2	0	1	3	37
4:30 PM	0	0	1	0	1	1	0	26	0	20	0	46	4	0	0	1	0	1	1	52
4:45 PM	0	0	0	1	0	1	0	15	1	10	0	26	1	1	3	4	0	1	8	36
Hourly Total	0	0	1	1	2	2	0	76	2	60	0	138	8	1	4	9	0	8	14	162
5:00 PM	0	0	0	0	0	0	0	18	1	10	0	29	0	0	2	1	0	0	3	32
5:15 PM	0	0	0	0	0	0	0	12	1	9	0	22	2	0	0	0	0	3	0	24
5:30 PM	0	0	0	0	1	0	0	15	0	2	1	17	3	0	1	1	0	2	2	22
5:45 PM	0	0	0	0	3	0	0	3	0	7	0	10	3	0	0	0	0	1	0	13
Hourly Total	0	0	0	0	4	0	0	48	2	28	0	78	8	0	3	2	0	6	5	91
Grand Total	0	0	5	3	18	8	0	180	7	117	0	304	69	2	14	16	0	34	32	413
Approach %	0.0	0.0	62.5	37.5	-	-	0.0	59.2	2.3	38.5	-	73.6	6.3	0.5	43.8	50.0	0.0	-	-	-
Total %	0.0	0.0	1.2	0.7	-	1.9	0.0	43.6	1.7	28.3	-	16.7	2.5	3.4	3.9	0.0	-	-	7.7	-
Lights	0	0	5	3	-	8	0	177	7	113	-	297	2	13	16	0	-	-	31	404
% Lights	-	-	100.0	100.0	-	100.0	-	98.3	100.0	96.6	-	97.7	100.0	92.9	100.0	-	-	-	96.9	97.8
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0
% Buses	-	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	-	0.0	0.0
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	1	-	1	0	0	0	0	-	-	0	1
% Single-Unit Trucks	-	-	0.0	0.0	-	0.0	-	0.0	0.0	0.9	-	0.3	0.0	0.0	0.0	-	-	-	0.0	0.2
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	-	0	0
% Articulated Trucks	-	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	-	-	-	0.0	0.0
Bicycles on Road	0	0	0	0	-	0	0	3	0	3	-	6	0	1	0	0	-	-	1	8
% Bicycles on Road	-	-	0.0	0.0	-	0.0	-	1.7	0.0	2.6	-	2.0	0.0	1.8	0.0	-	-	-	3.1	1.9
Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					18						0		10						34	







Kenig Lindgren O'Hara Aboona, Inc.  
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(847)518-9990

Count Name: Maple Avenue with Adams Street  
Site Code:  
Start Date: 05/23/2017  
Page No.: 3

### Turning Movement Peak Hour Data (7:15 AM)

Start Time	Access Drive Eastbound					Adams Street Westbound					Maple Avenue Northbound					Maple Avenue Southbound										
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total	
7:15 AM	0	0	2	0	0	2	0	6	0	2	0	8	0	0	4	2	0	0	0	0	0	0	0	4	0	16
7:30 AM	0	0	0	0	5	0	0	7	1	2	0	10	0	0	3	0	1	3	0	4	2	0	9	6	19	
7:45 AM	0	0	0	0	1	0	0	4	0	7	0	11	0	0	5	1	1	6	0	2	0	0	1	2	19	
8:00 AM	0	0	0	0	0	0	0	7	0	7	0	14	0	0	4	0	0	4	0	0	0	1	0	1	19	
Total	0	0	2	0	6	2	0	24	1	18	0	43	0	0	16	3	2	19	0	6	3	0	15	9	73	
Approach %	0.0	0.0	100.0	0.0	-	-	0.0	55.8	2.3	41.9	-	-	0.0	0.0	84.2	15.8	-	-	0.0	66.7	33.3	0.0	-	-	-	
Total %	0.0	0.0	2.7	0.0	-	2.7	0.0	32.9	1.4	24.7	-	56.9	0.0	0.0	21.9	4.1	-	26.0	0.0	8.2	4.1	0.0	-	-	12.3	
PHF	0.000	0.000	0.250	0.000	-	0.250	0.000	0.857	0.250	0.643	-	0.768	0.000	0.000	0.800	0.375	-	0.782	0.000	0.375	0.375	0.000	-	-	0.961	
Lights	0	0	2	0	0	2	0	22	1	16	0	39	0	0	16	3	0	19	0	5	3	0	0	8	68	
% Lights	-	-	100.0	-	-	100.0	-	91.7	100.0	88.9	-	90.7	-	-	100.0	100.0	-	100.0	-	83.3	100.0	-	-	-	88.9	
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% Buses	-	-	0.0	-	-	0.0	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	
Single-Unit Trucks	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
% Single-Unit Trucks	-	-	0.0	-	-	0.0	-	0.0	0.0	5.6	-	2.3	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% Articulated Trucks	-	-	0.0	-	-	0.0	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	
Bicycles on Road	0	0	0	0	0	0	0	2	0	1	3	3	0	0	0	0	0	0	0	1	0	0	0	1	4	
% Bicycles on Road	-	-	0.0	-	-	0.0	-	8.3	0.0	5.6	-	7.0	-	-	0.0	0.0	-	0.0	-	16.7	0.0	-	-	-	11.1	
Pedestrians	-	-	-	-	6	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	15	-	-	
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	



Kenig Lindgren O'Hara Aboona, Inc.  
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018  
(847)518-9990

Count Name: Maple Avenue with Adams Street  
Site Code:  
Start Date: 05/23/2017  
Page No.: 4

### Turning Movement Peak Hour Data (5:00 PM)

Start Time	Access Drive Eastbound					Adams Street Westbound					Maple Avenue Northbound					Maple Avenue Southbound										
	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	U-Turn	Left	Thru	Right	Peds	App. Total	Int. Total	
5:00 PM	0	0	0	0	0	0	0	18	1	10	0	29	0	0	0	0	0	0	0	0	2	1	0	0	3	32
5:15 PM	0	0	0	0	0	0	0	12	1	9	0	22	0	0	2	0	0	0	2	0	0	0	0	3	0	24
5:30 PM	0	0	0	1	0	0	0	15	0	2	0	17	0	0	2	1	1	1	3	0	1	1	0	2	2	22
5:45 PM	0	0	0	3	0	0	0	3	0	7	0	10	0	0	1	2	1	3	3	0	0	0	0	1	0	13
Total	0	0	0	4	0	0	0	48	2	28	0	78	0	0	5	3	2	8	0	3	2	0	6	5	91	
Approach %	N/A	N/A	N/A	N/A	-	-	0.0	61.5	2.6	35.9	-	-	0.0	0.0	62.5	37.5	-	-	0.0	60.0	40.0	0.0	0.0	-	-	
Total %	0.0	0.0	0.0	0.0	-	0.0	0.0	52.7	2.2	30.8	-	85.7	0.0	0.0	5.5	3.3	-	8.8	0.0	3.3	2.2	0.0	0.0	-	5.5	
PHF	0.000	0.000	0.000	0.000	-	0.000	0.000	0.667	0.500	0.700	-	0.672	0.000	0.000	0.625	0.375	-	0.667	0.000	0.375	0.500	0.000	0.000	-	0.417	
Lights	0	0	0	0	-	0	0	48	2	26	-	76	0	0	5	3	-	8	0	3	2	0	6	5	89	
% Lights	-	-	-	-	-	-	-	100.0	100.0	92.9	-	97.4	-	-	100.0	100.0	-	100.0	-	100.0	100.0	-	-	-	97.8	
Buses	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	
% Buses	-	-	-	-	-	-	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	
Single-Unit Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	
% Single-Unit Trucks	-	-	-	-	-	-	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	
Articulated Trucks	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	
% Articulated Trucks	-	-	-	-	-	-	-	0.0	0.0	0.0	-	0.0	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	
Bicycles on Road	0	0	0	0	-	0	0	0	0	2	-	2	0	0	0	0	-	0	0	0	0	0	0	0	2	
% Bicycles on Road	-	-	-	-	-	-	-	0.0	0.0	7.1	-	2.6	-	-	0.0	0.0	-	0.0	-	0.0	0.0	-	-	-	0.0	
Pedestrians	-	-	-	-	4	-	-	-	-	-	0	-	-	-	-	-	2	-	-	-	-	-	6	-	-	
% Pedestrians	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	-	-	-	100.0	-	-	



Kenig, Lindgren, O'Hara, Aboona, Inc.  
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018  
(847)518-9990

Count Name: Maple Avenue with Jackson  
Boulevard  
Site Code:  
Start Date: 05/23/2017  
Page No: 1

### Turning Movement Data

Start Time	Jackson Boulevard Eastbound				Maple Avenue Northbound				Maple Avenue Southbound							
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	Int. Total
7:00 AM	0	1	54	0	55	0	80	7	0	87	0	0	7	0	7	149
7:15 AM	0	0	88	0	88	0	80	4	0	84	0	0	5	0	5	177
7:30 AM	0	0	82	0	82	0	92	3	0	95	0	0	10	0	10	187
7:45 AM	0	0	94	0	94	0	88	6	0	94	0	0	2	0	2	190
Hourly Total	0	1	318	0	319	0	340	20	0	360	0	0	24	0	24	703
8:00 AM	0	0	66	0	66	0	130	4	0	134	0	0	6	1	6	206
8:15 AM	0	0	55	1	55	0	94	5	0	99	0	0	7	0	7	161
8:30 AM	0	0	58	0	58	0	73	7	0	80	0	0	11	1	11	149
8:45 AM	0	0	51	1	51	0	99	9	0	108	0	0	8	1	8	167
Hourly Total	0	0	230	2	230	0	396	25	0	421	0	0	32	3	32	683
*** BREAK ***																
4:00 PM	0	0	54	0	54	0	101	2	0	103	0	0	16	0	16	173
4:15 PM	0	0	78	1	78	0	107	0	0	107	1	0	25	1	26	211
4:30 PM	0	0	78	0	78	0	94	3	0	97	0	0	23	0	23	198
4:45 PM	0	0	70	1	70	0	93	1	0	94	0	0	21	0	21	185
Hourly Total	0	0	280	2	280	0	395	6	0	401	1	0	85	1	86	767
5:00 PM	0	0	82	0	82	0	81	0	0	81	0	0	20	0	20	183
5:15 PM	0	0	82	0	82	0	100	2	0	102	0	0	10	0	10	194
5:30 PM	0	0	96	0	96	0	99	2	0	101	0	0	18	0	18	215
5:45 PM	0	0	96	0	96	0	111	2	0	113	0	0	3	0	3	212
Hourly Total	0	0	356	0	356	0	391	6	0	397	0	0	51	0	51	804
Grand Total	0	1	1184	4	1185	0	1522	57	0	1579	1	0	192	4	193	2957
Approach %	0.0	0.1	99.9	-	-	0.0	96.4	3.6	-	-	0.5	0.0	99.5	-	-	-
Total %	0.0	0.0	40.0	-	40.1	0.0	51.5	1.9	-	53.4	0.0	0.0	6.5	-	6.5	-
Lights	0	0	1167	-	1167	0	1504	57	-	1561	1	0	191	-	192	2920
% Lights	-	0.0	98.6	-	98.5	-	98.8	100.0	-	98.9	100.0	-	99.5	-	99.5	98.7
Buses	0	0	10	-	10	0	8	0	-	8	0	0	0	-	0	18
% Buses	-	0.0	0.8	-	0.8	-	0.5	0.0	-	0.5	0.0	-	0.0	-	0.0	0.6
Single-Unit Trucks	0	0	6	-	6	0	9	0	-	9	0	0	0	-	0	15
% Single-Unit Trucks	-	0.0	0.5	-	0.5	-	0.6	0.0	-	0.6	0.0	-	0.0	-	0.0	0.5
Articulated Trucks	0	1	0	-	1	0	0	0	-	0	0	0	0	-	0	1
% Articulated Trucks	-	100.0	0.0	-	0.1	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
Bicycles on Road	0	0	1	-	1	0	1	0	-	1	0	0	1	-	1	3
% Bicycles on Road	-	0.0	0.1	-	0.1	-	0.1	0.0	-	0.1	0.0	-	0.5	-	0.5	0.1
Pedestrians	-	-	-	4	-	-	-	-	0	-	-	-	-	4	-	-
% Pedestrians	-	-	-	100.0	-	-	-	-	-	-	-	-	-	100.0	-	-



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Count Name: Maple Avenue with Jackson  
Boulevard  
Site Code:  
Start Date: 05/23/2017  
Page No.: 2

### Turning Movement Peak Hour Data (7:15 AM)

Start Time	Jackson Boulevard Eastbound					Maple Avenue Northbound					Maple Avenue Southbound					
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	Int. Total
7:15 AM	0	0	88	0	88	0	80	4	0	84	0	0	5	0	5	177
7:30 AM	0	0	82	0	82	0	92	3	0	95	0	0	10	0	10	187
7:45 AM	0	0	94	0	94	0	88	6	0	94	0	0	2	0	2	190
8:00 AM	0	0	66	0	66	0	130	4	0	134	0	0	6	1	6	206
Total	0	0	330	0	330	0	390	17	0	407	0	0	23	1	23	760
Approach %	0.0	0.0	100.0	-	-	0.0	95.8	4.2	-	-	0.0	0.0	100.0	-	-	-
Total %	0.0	0.0	43.4	-	43.4	0.0	51.3	2.2	-	53.6	0.0	0.0	3.0	-	3.0	-
PHF	0.000	0.000	0.878	-	0.878	0.000	0.750	0.708	-	0.759	0.000	0.000	0.575	-	0.575	0.922
Lights	0	0	323	-	323	0	384	17	-	401	0	0	23	-	23	747
% Lights	-	-	97.9	-	97.9	-	98.5	100.0	-	98.5	-	-	100.0	-	100.0	98.3
Buses	0	0	3	-	3	0	3	0	-	3	0	0	0	-	0	6
% Buses	-	-	0.9	-	0.9	-	0.8	0.0	-	0.7	-	-	0.0	-	0.0	0.8
Single-Unit Trucks	0	0	4	-	4	0	2	0	-	2	0	0	0	-	0	6
% Single-Unit Trucks	-	-	1.2	-	1.2	-	0.5	0.0	-	0.5	-	-	0.0	-	0.0	0.8
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Articulated Trucks	-	-	0.0	-	0.0	-	0.0	0.0	-	0.0	-	-	0.0	-	0.0	0.0
Bicycles on Road	0	0	0	-	0	0	1	0	-	1	0	0	0	-	0	1
% Bicycles on Road	-	-	0.0	-	0.0	-	0.3	0.0	-	0.2	-	-	0.0	-	0.0	0.1
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	1	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	100.0	-	-



Kenig Lindgren O'Hara Aboona, Inc.  
9575 W. Higgins Rd., Suite 400

Rosemont, Illinois, United States 60018  
(847)518-9990

Count Name: Maple Avenue with Jackson  
Boulevard  
Site Code:  
Start Date: 05/23/2017  
Page No.: 3

### Turning Movement Peak Hour Data (5:00 PM)

Start Time	Jackson Boulevard Eastbound				Maple Avenue Northbound				Maple Avenue Southbound							
	U-Turn	Left	Right	Peds	App. Total	U-Turn	Left	Thru	Peds	App. Total	U-Turn	Thru	Right	Peds	App. Total	Int. Total
5:00 PM	0	0	82	0	82	0	81	0	0	81	0	0	20	0	20	183
5:15 PM	0	0	82	0	82	0	100	2	0	102	0	0	10	0	10	194
5:30 PM	0	0	96	0	96	0	99	2	0	101	0	0	18	0	18	215
5:45 PM	0	0	96	0	96	0	111	2	0	113	0	0	3	0	3	212
Total	0	0	356	0	356	0	391	6	0	397	0	0	51	0	51	804
Approach %	0.0	0.0	100.0	-	-	0.0	98.5	1.5	-	-	0.0	0.0	100.0	-	-	-
Total %	0.0	0.0	44.3	-	44.3	0.0	48.6	0.7	-	49.4	0.0	0.0	6.3	-	6.3	-
PHF	0.000	0.000	0.927	-	0.927	0.000	0.881	0.750	-	0.878	0.000	0.000	0.638	-	0.638	0.935
Lights	0	0	353	-	353	0	388	6	-	394	0	0	51	-	51	798
% Lights	-	-	99.2	-	99.2	-	99.2	100.0	-	99.2	-	-	100.0	-	100.0	99.3
Buses	0	0	1	-	1	0	2	0	-	2	0	0	0	-	0	3
% Buses	-	-	0.3	-	0.3	-	0.5	0.0	-	0.5	-	-	0.0	-	0.0	0.4
Single-Unit Trucks	0	0	1	-	1	0	1	0	-	1	0	0	0	-	0	2
% Single-Unit Trucks	-	-	0.3	-	0.3	-	0.3	0.0	-	0.3	-	-	0.0	-	0.0	0.2
Articulated Trucks	0	0	0	-	0	0	0	0	-	0	0	0	0	-	0	0
% Articulated Trucks	-	-	0.0	-	0.0	-	0.0	0.0	-	0.0	-	-	0.0	-	0.0	0.0
Bicycles on Road	0	0	1	-	1	0	0	0	-	0	0	0	0	-	0	1
% Bicycles on Road	-	-	0.3	-	0.3	-	0.0	0.0	-	0.0	-	-	0.0	-	0.0	0.1
Pedestrians	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-
% Pedestrians	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**Table A**

## Rush Hospital Emergency Porte Cochere

Tuesday, May 23, 2017

Hour Begin	Passenger Vehicles	Ambulances	Total
12:00 AM	2	0	2
1:00 AM	0	1	1
2:00 AM	1	1	2
3:00 AM	1	1	2
4:00 AM	1	0	1
5:00 AM	1	0	1
6:00 AM	3	1	4
7:00 AM	1	0	1
8:00 AM	2	2	4
9:00 AM	3	0	3
10:00 AM	5	1	6
11:00 AM	12	0	12
12:00 PM	4	0	4
1:00 PM	4	0	4
2:00 PM	4	1	5
3:00 PM	7	0	7
4:00 PM	9	0	9
5:00 PM	9	0	9
6:00 PM	4	0	4
7:00 PM	3	0	3
8:00 PM	2	0	2
9:00 PM	4	1	5
10:00 PM	2	0	2
11:00 PM	<u>1</u>	<u>0</u>	<u>1</u>
<b>Total:</b>	<b>85</b>	<b>9</b>	<b>94</b>

**Table A**  
Rush Hospital Emergency Porte Cochere

Wednesday, May 24, 2017

Hour Begin	Passenger Vehicles	Ambulances	Total
12:00 AM	1	1	2
1:00 AM	0	0	0
2:00 AM	1	2	3
3:00 AM	1	1	2
4:00 AM	1	0	1
5:00 AM	1	0	1
6:00 AM	1	0	1
7:00 AM	1	0	1
8:00 AM	0	0	0
9:00 AM	2	1	3
10:00 AM	3	1	4
11:00 AM	3	0	3
12:00 PM	5	0	5
1:00 PM	2	1	3
2:00 PM	6	0	6
3:00 PM	3	0	3
4:00 PM	4	0	4
5:00 PM	3	0	3
6:00 PM	3	0	3
7:00 PM	6	1	7
8:00 PM	3	0	3
9:00 PM	3	0	3
10:00 PM	3	0	3
11:00 PM	<u>2</u>	<u>0</u>	<u>2</u>
<b>Total:</b>	<b>58</b>	<b>8</b>	<b>66</b>

**Table A**

## Rush Hospital Emergency Porte Cochere

Thursday, May 25, 2017

Hour Begin	Passenger Vehicles	Ambulances	Total
12:00 AM	2	2	4
1:00 AM	0	0	0
2:00 AM	0	1	1
3:00 AM	1	1	2
4:00 AM	2	1	3
5:00 AM	1	1	2
6:00 AM	1	0	1
7:00 AM	2	0	2
8:00 AM	0	0	0
9:00 AM	3	1	4
10:00 AM	2	0	2
11:00 AM	7	1	8
12:00 PM	2	1	3
1:00 PM	1	2	3
2:00 PM	3	1	4
3:00 PM	8	0	8
4:00 PM	1	0	1
5:00 PM	2	0	2
6:00 PM	2	1	3
7:00 PM	2	1	3
8:00 PM	2	1	3
9:00 PM	5	0	5
10:00 PM	2	0	2
11:00 PM	<u>2</u>	<u>0</u>	<u>2</u>
<b>Total:</b>	<b>53</b>	<b>15</b>	<b>68</b>





















DAILY AVERAGE:

Passenger Vehicles	Ambulances	Total
65	11	76

# Capacity Analysis

Lanes, Volumes, Timings  
1: Harlem Avenue & Madison St.

10/14/2016

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	58	437	15	249	440	300	40	756	248	256	979	79
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	125		0	140		0	170		0	130		0
Storage Lanes	1		0	1		0	1		0	1		0
Taper Length (ft)	60			40			100			100		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	*0.85	0.95	1.00	*0.85	0.95
Ped Bike Factor	1.00	1.00		0.99	0.99			0.99		1.00	1.00	
Frt		0.995			0.939			0.963			0.989	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1313	3433	0	1573	3301	0	1671	2897	0	1752	3031	0
Flt Permitted	0.143			0.261			0.124			0.083		
Satd. Flow (perm)	197	3433	0	429	3301	0	218	2897	0	153	3031	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			130			38			8	
Link Speed (mph)		25			30			30			30	
Link Distance (ft)		258			250			382			1942	
Travel Time (s)		7.0			5.7			8.7			44.1	
Confl. Peds. (#/hr)	4		14	14		4	7		12	12		7
Confl. Bikes (#/hr)									1			
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	21%	4%	20%	1%	2%	2%	8%	8%	3%	3%	5%	8%
Bus Blockages (#/hr)	0	0	0	0	0	2	0	0	4	0	0	4
Parking (#/hr)	4		4	4								
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	60	466	0	257	763	0	41	1035	0	264	1090	0
Turn Type	pm+pt	NA		pm+pt	NA		pm+pt	NA		pm+pt	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4			8			2			6		
Detector Phase	7	4		3	8		5	2		1	6	
Switch Phase												
Minimum Initial (s)	3.0	15.0		3.0	8.0		3.0	15.0		3.0	8.0	
Minimum Split (s)	10.0	35.0		10.0	37.0		10.0	46.0		10.0	40.0	
Total Split (s)	14.0	37.0		14.0	37.0		14.0	60.0		14.0	60.0	
Total Split (%)	11.2%	29.6%		11.2%	29.6%		11.2%	48.0%		11.2%	48.0%	
Yellow Time (s)	3.5	4.5		3.5	4.5		3.5	4.5		3.5	4.5	
All-Red Time (s)	0.0	1.5		0.0	1.5		0.0	1.5		0.0	1.5	
Lost Time Adjust (s)	1.0	-2.0		1.0	-2.0		1.0	-2.0		1.0	-2.0	
Total Lost Time (s)	4.5	4.0		4.5	4.0		4.5	4.0		4.5	4.0	
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lag		Lead	Lag	
Lead-Lag Optimize?												
Recall Mode	None	None		None	None		None	C-Min		None	C-Min	
Act Effect Green (s)	37.6	30.2		42.0	34.9		60.2	54.9		70.2	63.0	
Actuated g/C Ratio	0.30	0.24		0.34	0.28		0.48	0.44		0.56	0.50	
v/c Ratio	0.47	0.56		1.07	0.75		0.24	0.80		1.09	0.71	

Weekday AM - Existing  
16-170; Oak Park, IL

Synchro 8 Report

Lanes, Volumes, Timings  
 1: Harlem Avenue & Madison St.

10/14/2016

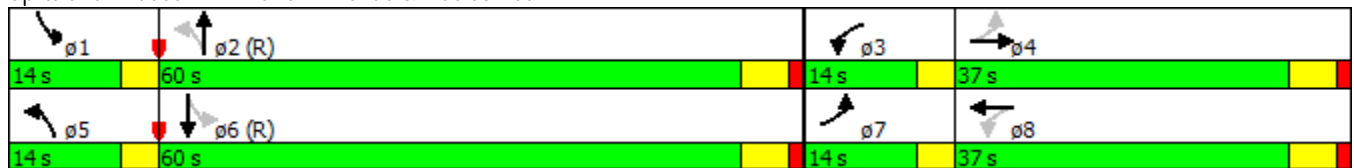


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Control Delay	38.4	43.6		111.9	39.8		16.1	34.7		114.2	28.1	
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay	38.4	43.6		111.9	39.8		16.1	34.7		114.2	28.1	
LOS	D	D		F	D		B	C		F	C	
Approach Delay		43.0			58.0			34.0			44.9	
Approach LOS		D			E			C			D	
Queue Length 50th (ft)	32	168		~176	251		14	397		~210	409	
Queue Length 95th (ft)	63	223		#311	332		32	499		#387	520	
Internal Link Dist (ft)		178			170			302			1862	
Turn Bay Length (ft)	125			140			170			130		
Base Capacity (vph)	146	908		241	1023		221	1318		242	1532	
Starvation Cap Reductn	0	0		0	0		0	0		0	0	
Spillback Cap Reductn	0	0		0	0		0	0		0	0	
Storage Cap Reductn	0	0		0	0		0	0		0	0	
Reduced v/c Ratio	0.41	0.51		1.07	0.75		0.19	0.79		1.09	0.71	

Intersection Summary

Area Type: Other  
 Cycle Length: 125  
 Actuated Cycle Length: 125  
 Offset: 49 (39%), Referenced to phase 2:NBTL and 6:SBTL, Start of 1st Green  
 Natural Cycle: 105  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 1.09  
 Intersection Signal Delay: 45.0  
 Intersection LOS: D  
 Intersection Capacity Utilization 92.4%  
 ICU Level of Service F  
 Analysis Period (min) 15  
 \* User Entered Value  
 ~ Volume exceeds capacity, queue is theoretically infinite.  
 Queue shown is maximum after two cycles.  
 # 95th percentile volume exceeds capacity, queue may be longer.  
 Queue shown is maximum after two cycles.

Splits and Phases: 1: Harlem Avenue & Madison St.





Lanes, Volumes, Timings  
2: Wisconsin Ave. & Madison St.

10/14/2016



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕↕			↕↕			↕			↕	
Volume (vph)	8	894	70	54	986	32	21	9	28	22	7	15
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	0.95	0.95	0.95	0.95	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor		1.00			1.00			0.98			0.99	
Frt		0.989			0.996			0.935			0.955	
Flt Protected					0.997			0.982			0.975	
Satd. Flow (prot)	0	3433	0	0	3537	0	0	1457	0	0	1672	0
Flt Permitted		0.946			0.842			0.886			0.859	
Satd. Flow (perm)	0	3248	0	0	2987	0	0	1306	0	0	1468	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		14			5			29			15	
Link Speed (mph)		30			30			25			25	
Link Distance (ft)		215			683			159			159	
Travel Time (s)		4.9			15.5			4.3			4.3	
Confl. Peds. (#/hr)	10		5	5		10	18		7	7		18
Confl. Bikes (#/hr)			1			5			1			
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	4%	1%	4%	1%	3%	10%	77%	7%	5%	14%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)	4		4	4		4	4		4	4		4
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	1002	0	0	1105	0	0	60	0	0	45	0
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		2			6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		6	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		15.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	25.0	25.0		25.0	25.0		31.0	31.0		31.0	31.0	
Total Split (s)	52.0	52.0		52.0	52.0		38.0	38.0		38.0	38.0	
Total Split (%)	57.8%	57.8%		57.8%	57.8%		42.2%	42.2%		42.2%	42.2%	
Yellow Time (s)	4.5	4.5		4.5	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		1.5	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)		-2.0			-2.0			-2.0			-2.0	
Total Lost Time (s)		4.0			4.0			4.0			4.0	
Lead/Lag												
Lead-Lag Optimize?												
Recall Mode	C-Min	C-Min		C-Min	C-Min		None	None		None	None	
Act Effect Green (s)		74.1			74.1			11.5			11.5	
Actuated g/C Ratio		0.82			0.82			0.13			0.13	
v/c Ratio		0.37			0.45			0.31			0.23	

Weekday AM - Existing  
16-170; Oak Park, IL

Synchro 8 Report

Lanes, Volumes, Timings  
 2: Wisconsin Ave. & Madison St.

10/14/2016

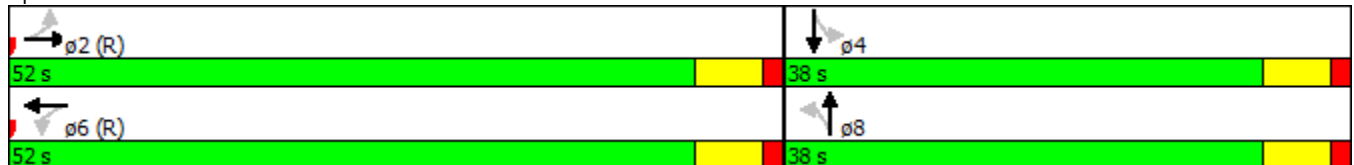


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Control Delay		3.3			1.7			25.7			28.2	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		3.3			1.7			25.7			28.2	
LOS		A			A			C			C	
Approach Delay		3.3			1.7			25.7			28.2	
Approach LOS		A			A			C			C	
Queue Length 50th (ft)		65			32			16			16	
Queue Length 95th (ft)		114			41			51			46	
Internal Link Dist (ft)		135			603			79			79	
Turn Bay Length (ft)												
Base Capacity (vph)		2677			2460			511			563	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.37			0.45			0.12			0.08	

Intersection Summary

















Area Type: Other  
 Cycle Length: 90  
 Actuated Cycle Length: 90  
 Offset: 56 (62%), Referenced to phase 2:EBTL and 6:WBTL, Start of 1st Green  
 Natural Cycle: 60  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.45  
 Intersection Signal Delay: 3.6  
 Intersection Capacity Utilization 80.1%  
 Analysis Period (min) 15  
 Intersection LOS: A  
 ICU Level of Service D

Splits and Phases: 2: Wisconsin Ave. & Madison St.



HCM Unsignalized Intersection Capacity Analysis  
 3: Maple Ave & Madison St.

10/14/2016

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	3	913	27	25	975	22	7	6	49	10	2	7
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	3	992	29	27	1060	24	8	7	53	11	2	8
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		250			412							
pX, platoon unblocked	0.92			0.89			0.93	0.93	0.89	0.93	0.93	0.92
vC, conflicting volume	1084			1022			1607	2152	511	1685	2154	542
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	913			769			1102	1690	193	1187	1692	323
tC, single (s)	4.1			4.1			7.5	6.5	6.9	7.5	6.5	6.9
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	100			96			95	92	93	90	97	99
cM capacity (veh/h)	681			746			145	82	723	113	82	617
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>EB 2</b>	<b>WB 1</b>	<b>WB 2</b>	<b>NB 1</b>	<b>SB 1</b>						
Volume Total	499	526	557	554	67	21						
Volume Left	3	0	27	0	8	11						
Volume Right	0	29	0	24	53	8						
cSH	681	1700	746	1700	328	153						
Volume to Capacity	0.00	0.31	0.04	0.33	0.21	0.14						
Queue Length 95th (ft)	0	0	3	0	19	11						
Control Delay (s)	0.1	0.0	1.0	0.0	18.8	32.3						
Lane LOS	A		A		C	D						
Approach Delay (s)	0.1		0.5		18.8	32.3						
Approach LOS					C	D						
<b>Intersection Summary</b>												
Average Delay			1.1									
Intersection Capacity Utilization			56.1%		ICU Level of Service				B			
Analysis Period (min)			15									

# HCM Unsignalized Intersection Capacity Analysis

## 4: Harlem Avenue & Monroe St

10/14/2016



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (veh/h)	14	12	926	76	6	1236
Sign Control	Stop		Free		Free	Free
Grade	0%		0%		0%	0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	15	13	1007	83	7	1343
Pedestrians	3					
Lane Width (ft)	12.0					
Walking Speed (ft/s)	4.0					
Percent Blockage	0					
Right turn flare (veh)						
Median type			TWLTL			None
Median storage veh			2			
Upstream signal (ft)						562
pX, platoon unblocked	0.74					
vC, conflicting volume	1736	548			1092	
vC1, stage 1 conf vol	1051					
vC2, stage 2 conf vol	685					
vCu, unblocked vol	1281	548			1092	
tC, single (s)	6.8	6.9			4.1	
tC, 2 stage (s)	5.8					
tF (s)	3.5	3.3			2.2	
p0 queue free %	95	97			99	
cM capacity (veh/h)	279	479			633	

Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2	SB 3
Volume Total	28	671	418	7	672	672
Volume Left	15	0	0	7	0	0
Volume Right	13	0	83	0	0	0
cSH	346	1700	1700	633	1700	1700
Volume to Capacity	0.08	0.39	0.25	0.01	0.40	0.40
Queue Length 95th (ft)	7	0	0	1	0	0
Control Delay (s)	16.3	0.0	0.0	10.7	0.0	0.0
Lane LOS	C			B		
Approach Delay (s)	16.3	0.0		0.1		
Approach LOS	C					

Intersection Summary						
Average Delay			0.2			
Intersection Capacity Utilization			44.2%		ICU Level of Service	A
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 5: Maple Ave & Monroe St

10/14/2016



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	53	40	12	21	27	12
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	58	43	13	23	29	13
Pedestrians	5			20		
Lane Width (ft)	12.0			12.0		
Walking Speed (ft/s)	4.0			4.0		
Percent Blockage	0			2		
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	110	41	47			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	110	41	47			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	93	96	99			
cM capacity (veh/h)	862	1026	1553			
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>NB 1</b>	<b>SB 1</b>			
Volume Total	101	36	42			
Volume Left	58	13	0			
Volume Right	43	0	13			
cSH	925	1553	1700			
Volume to Capacity	0.11	0.01	0.02			
Queue Length 95th (ft)	9	1	0			
Control Delay (s)	9.4	2.7	0.0			
Lane LOS	A	A				
Approach Delay (s)	9.4	2.7	0.0			
Approach LOS	A					
<b>Intersection Summary</b>						
Average Delay			5.8			
Intersection Capacity Utilization			20.5%	ICU Level of Service	A	
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 6: Maple Ave & Parking Lot Access

10/14/2016



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	5	1	18	54	39	14
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	5	1	20	59	42	15
Pedestrians	6			20	13	
Lane Width (ft)	12.0			12.0	12.0	
Walking Speed (ft/s)	4.0			4.0	4.0	
Percent Blockage	1			2	1	
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	167	76	64			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	167	76	64			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	99	100	99			
cM capacity (veh/h)	800	964	1531			
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>NB 1</b>	<b>SB 1</b>			
Volume Total	7	78	58			
Volume Left	5	20	0			
Volume Right	1	0	15			
cSH	824	1531	1700			
Volume to Capacity	0.01	0.01	0.03			
Queue Length 95th (ft)	1	1	0			
Control Delay (s)	9.4	1.9	0.0			
Lane LOS	A	A				
Approach Delay (s)	9.4	1.9	0.0			
Approach LOS	A					
<b>Intersection Summary</b>						
Average Delay			1.5			
Intersection Capacity Utilization			25.4%	ICU Level of Service	A	
Analysis Period (min)			15			



# HCM Unsignalized Intersection Capacity Analysis

## 7: Harlem Avenue & Parking Lot Access

10/14/2016



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations		↗	↕			↕
Volume (veh/h)	0	1	938	0	0	1236
Sign Control	Stop		Free			Free
Grade	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	1	1020	0	0	1343
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type			None			None
Median storage (veh)						
Upstream signal (ft)						382
pX, platoon unblocked	0.73					
vC, conflicting volume	1691	510			1020	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1206	510			1020	
tC, single (s)	6.8	6.9			4.1	
tC, 2 stage (s)						
tF (s)	3.5	3.3			2.2	
p0 queue free %	100	100			100	
cM capacity (veh/h)	128	509			676	
Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2	
Volume Total	1	510	510	672	672	
Volume Left	0	0	0	0	0	
Volume Right	1	0	0	0	0	
cSH	509	1700	1700	1700	1700	
Volume to Capacity	0.00	0.30	0.30	0.40	0.40	
Queue Length 95th (ft)	0	0	0	0	0	
Control Delay (s)	12.1	0.0	0.0	0.0	0.0	
Lane LOS	B					
Approach Delay (s)	12.1	0.0		0.0		
Approach LOS	B					
Intersection Summary						
Average Delay			0.0			
Intersection Capacity Utilization			37.5%		ICU Level of Service	A
Analysis Period (min)			15			

HCM Unsignalized Intersection Capacity Analysis  
8: Ambulance Access & Madison St.

10/14/2016























Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑			↑↑	↘	
Volume (veh/h)	972	3	3	1022	3	3
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1057	3	3	1111	3	3
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)	447			215		
pX, platoon unblocked				0.89	0.94	0.89
vC, conflicting volume				1060	1620	530
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol				826	1106	232
tC, single (s)				4.1	6.8	6.9
tC, 2 stage (s)						
tF (s)				2.2	3.5	3.3
p0 queue free %				100	98	100
cM capacity (veh/h)				714	191	687

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1
Volume Total	704	355	374	741	7
Volume Left	0	0	3	0	3
Volume Right	0	3	0	0	3
cSH	1700	1700	714	1700	299
Volume to Capacity	0.41	0.21	0.00	0.44	0.02
Queue Length 95th (ft)	0	0	0	0	2
Control Delay (s)	0.0	0.0	0.1	0.0	17.3
Lane LOS	A			C	
Approach Delay (s)	0.0			17.3	
Approach LOS				C	

Intersection Summary					
Average Delay			0.1		
Intersection Capacity Utilization			40.3%	ICU Level of Service	A
Analysis Period (min)			15		

Lanes, Volumes, Timings  
1: Harlem Avenue & Madison St.

6/5/2017

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	61	465	16	264	466	319	53	808	264	275	1038	84
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	125		0	140		0	170		0	130		0
Storage Lanes	1		0	1		0	1		0	1		0
Taper Length (ft)	60			40			100			100		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	*0.85	0.95	1.00	*0.85	0.95
Ped Bike Factor	1.00	1.00		0.99	0.99			0.99		1.00	1.00	
Frt		0.995			0.939			0.963			0.989	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1313	3433	0	1573	3301	0	1671	2896	0	1752	3031	0
Flt Permitted	0.140			0.248			0.098			0.071		
Satd. Flow (perm)	193	3433	0	408	3301	0	172	2896	0	131	3031	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			133			38			8	
Link Speed (mph)		25			30			30			30	
Link Distance (ft)		258			250			382			1942	
Travel Time (s)		7.0			5.7			8.7			44.1	
Confl. Peds. (#/hr)	4		14	14		4	7		12	12		7
Confl. Bikes (#/hr)									1			
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	21%	4%	20%	1%	2%	2%	8%	8%	3%	3%	5%	8%
Bus Blockages (#/hr)	0	0	0	0	0	2	0	0	4	0	0	4
Parking (#/hr)	4		4	4								
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	63	495	0	272	809	0	55	1105	0	284	1157	0
Turn Type	pm+pt	NA		pm+pt	NA		pm+pt	NA		pm+pt	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4			8			2			6		
Detector Phase	7	4		3	8		5	2		1	6	
Switch Phase												
Minimum Initial (s)	3.0	15.0		3.0	8.0		3.0	15.0		3.0	8.0	
Minimum Split (s)	10.0	35.0		10.0	37.0		10.0	46.0		10.0	40.0	
Total Split (s)	14.0	37.0		14.0	37.0		14.0	60.0		14.0	60.0	
Total Split (%)	11.2%	29.6%		11.2%	29.6%		11.2%	48.0%		11.2%	48.0%	
Yellow Time (s)	3.5	4.5		3.5	4.5		3.5	4.5		3.5	4.5	
All-Red Time (s)	0.0	1.5		0.0	1.5		0.0	1.5		0.0	1.5	
Lost Time Adjust (s)	1.0	-2.0		1.0	-2.0		1.0	-2.0		1.0	-2.0	
Total Lost Time (s)	4.5	4.0		4.5	4.0		4.5	4.0		4.5	4.0	
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lag		Lead	Lag	
Lead-Lag Optimize?												
Recall Mode	None	None		None	None		None	C-Min		None	C-Min	
Act Effect Green (s)	38.2	30.8		41.8	34.7		61.4	55.6		69.9	62.7	
Actuated g/C Ratio	0.31	0.25		0.33	0.28		0.49	0.44		0.56	0.50	
v/c Ratio	0.49	0.58		1.19	0.80		0.34	0.84		1.27	0.76	

Weekday AM - Future  
16-170; Oak Park, IL

Synchro 8 Report

Lanes, Volumes, Timings  
 1: Harlem Avenue & Madison St.

6/5/2017

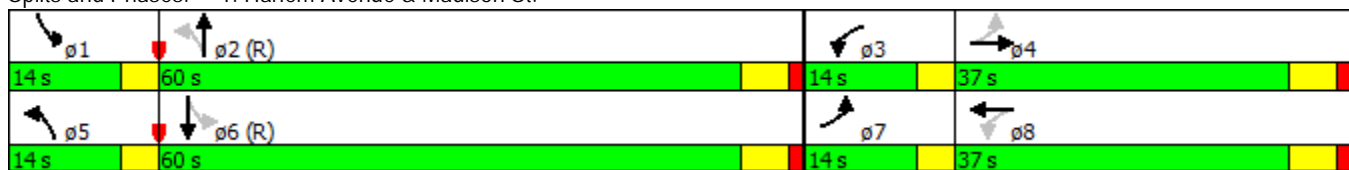


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Control Delay	39.4	43.9		153.4	42.1		18.9	37.0		180.3	30.3	
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay	39.4	43.9		153.4	42.1		18.9	37.0		180.3	30.3	
LOS	D	D		F	D		B	D		F	C	
Approach Delay		43.4			70.1			36.2			59.8	
Approach LOS		D			E			D			E	
Queue Length 50th (ft)	33	180		~171	274		20	442		~263	454	
Queue Length 95th (ft)	66	237		#349	358		40	553		#447	578	
Internal Link Dist (ft)		178			170			302			1862	
Turn Bay Length (ft)	125			140			170			130		
Base Capacity (vph)	146	908		228	1012		202	1318		224	1524	
Starvation Cap Reductn	0	0		0	0		0	0		0	0	
Spillback Cap Reductn	0	0		0	0		0	0		0	0	
Storage Cap Reductn	0	0		0	0		0	0		0	0	
Reduced v/c Ratio	0.43	0.55		1.19	0.80		0.27	0.84		1.27	0.76	

Intersection Summary

Area Type: Other  
 Cycle Length: 125  
 Actuated Cycle Length: 125  
 Offset: 49 (39%), Referenced to phase 2:NBTL and 6:SBTL, Start of 1st Green  
 Natural Cycle: 115  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 1.27  
 Intersection Signal Delay: 53.8  
 Intersection LOS: D  
 Intersection Capacity Utilization 94.8%  
 ICU Level of Service F  
 Analysis Period (min) 15  
 \* User Entered Value  
 ~ Volume exceeds capacity, queue is theoretically infinite.  
 Queue shown is maximum after two cycles.  
 # 95th percentile volume exceeds capacity, queue may be longer.  
 Queue shown is maximum after two cycles.

Splits and Phases: 1: Harlem Avenue & Madison St.



Lanes, Volumes, Timings  
2: Wisconsin Ave. & Madison St.

6/5/2017



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕↕			↕↕			↕			↕	
Volume (vph)	16	938	71	55	1045	33	22	10	29	24	8	19
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	0.95	0.95	0.95	0.95	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor		1.00			1.00			0.98			0.99	
Frt		0.990			0.996			0.936			0.949	
Flt Protected		0.999			0.998			0.982			0.977	
Satd. Flow (prot)	0	3434	0	0	3541	0	0	1451	0	0	1666	0
Flt Permitted		0.929			0.837			0.895			0.860	
Satd. Flow (perm)	0	3193	0	0	2969	0	0	1314	0	0	1462	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		13			5			30			20	
Link Speed (mph)		30			30			25			25	
Link Distance (ft)		215			683			159			159	
Travel Time (s)		4.9			15.5			4.3			4.3	
Confl. Peds. (#/hr)	10		5	5		10	18		7	7		18
Confl. Bikes (#/hr)			1			5			1			
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	4%	1%	4%	1%	3%	10%	77%	7%	5%	14%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)	4		4	4		4	4		4	4		4
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	1056	0	0	1168	0	0	63	0	0	53	0
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		2			6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		6	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		15.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	25.0	25.0		25.0	25.0		31.0	31.0		31.0	31.0	
Total Split (s)	52.0	52.0		52.0	52.0		38.0	38.0		38.0	38.0	
Total Split (%)	57.8%	57.8%		57.8%	57.8%		42.2%	42.2%		42.2%	42.2%	
Yellow Time (s)	4.5	4.5		4.5	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		1.5	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)		-2.0			-2.0			-2.0			-2.0	
Total Lost Time (s)		4.0			4.0			4.0			4.0	
Lead/Lag												
Lead-Lag Optimize?												
Recall Mode	C-Min	C-Min		C-Min	C-Min		None	None		None	None	
Act Effect Green (s)		74.0			74.0			11.6			11.6	
Actuated g/C Ratio		0.82			0.82			0.13			0.13	
v/c Ratio		0.40			0.48			0.32			0.26	

Weekday AM - Future  
16-170; Oak Park, IL

Synchro 8 Report

Lanes, Volumes, Timings  
 2: Wisconsin Ave. & Madison St.

6/5/2017

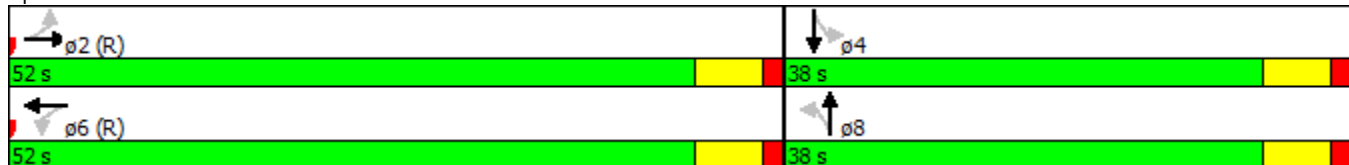


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Control Delay		3.5			2.0			25.9			27.3	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		3.5			2.0			25.9			27.3	
LOS		A			A			C			C	
Approach Delay		3.5			2.0			25.9			27.3	
Approach LOS		A			A			C			C	
Queue Length 50th (ft)		71			31			17			17	
Queue Length 95th (ft)		126			45			53			49	
Internal Link Dist (ft)		135			603			79			79	
Turn Bay Length (ft)												
Base Capacity (vph)		2628			2442			515			564	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.40			0.48			0.12			0.09	

Intersection Summary

Area Type:	Other
Cycle Length:	90
Actuated Cycle Length:	90
Offset:	56 (62%), Referenced to phase 2:EBTL and 6:WBTL, Start of 1st Green
Natural Cycle:	60
Control Type:	Actuated-Coordinated
Maximum v/c Ratio:	0.48
Intersection Signal Delay:	3.9
Intersection LOS:	A
Intersection Capacity Utilization:	83.3%
ICU Level of Service:	E
Analysis Period (min):	15

Splits and Phases: 2: Wisconsin Ave. & Madison St.






















# HCM Unsignalized Intersection Capacity Analysis

## 3: Maple Ave & Madison St.

6/5/2017

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	4	970	30	30	1033	23	0	0	58	0	0	8
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	4	1054	33	33	1123	25	0	0	63	0	0	9
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		250			412							
pX, platoon unblocked	0.91			0.88			0.92	0.92	0.88	0.92	0.92	0.91
vC, conflicting volume	1148			1087			1715	2292	543	1799	2296	574
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	967			823			1175	1801	205	1267	1805	338
tC, single (s)	4.1			4.1			7.5	6.5	6.9	7.5	6.5	6.9
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			95			100	100	91	100	100	99
cM capacity (veh/h)	645			705			128	69	705	101	69	600
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>EB 2</b>	<b>WB 1</b>	<b>WB 2</b>	<b>WB 3</b>	<b>NB 1</b>	<b>SB 1</b>					
Volume Total	532	560	33	749	399	63	9					
Volume Left	4	0	33	0	0	0	0					
Volume Right	0	33	0	0	25	63	9					
cSH	645	1700	705	1700	1700	705	600					
Volume to Capacity	0.01	0.33	0.05	0.44	0.23	0.09	0.01					
Queue Length 95th (ft)	1	0	4	0	0	7	1					
Control Delay (s)	0.2	0.0	10.4	0.0	0.0	10.6	11.1					
Lane LOS	A		B			B	B					
Approach Delay (s)	0.1		0.3			10.6	11.1					
Approach LOS						B	B					
<b>Intersection Summary</b>												
Average Delay			0.5									
Intersection Capacity Utilization		39.3%		ICU Level of Service	A							
Analysis Period (min)		15										

# HCM Unsignalized Intersection Capacity Analysis

## 4: Harlem Avenue & Monroe St

6/5/2017



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (veh/h)	16	21	982	85	7	1311
Sign Control	Stop		Free			Free
Grade	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	17	23	1067	92	8	1425
Pedestrians	3					
Lane Width (ft)	12.0					
Walking Speed (ft/s)	4.0					
Percent Blockage	0					
Right turn flare (veh)						
Median type			TWLTL			None
Median storage (veh)			2			
Upstream signal (ft)						562
pX, platoon unblocked	0.71					
vC, conflicting volume	1844	583			1163	
vC1, stage 1 conf vol	1117					
vC2, stage 2 conf vol	728					
vCu, unblocked vol	1366	583			1163	
tC, single (s)	6.8	6.9			4.1	
tC, 2 stage (s)	5.8					
tF (s)	3.5	3.3			2.2	
p0 queue free %	93	95			99	
cM capacity (veh/h)	257	455			595	

Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2	SB 3
Volume Total	40	712	448	8	712	712
Volume Left	17	0	0	8	0	0
Volume Right	23	0	92	0	0	0
cSH	341	1700	1700	595	1700	1700
Volume to Capacity	0.12	0.42	0.26	0.01	0.42	0.42
Queue Length 95th (ft)	10	0	0	1	0	0
Control Delay (s)	17.0	0.0	0.0	11.1	0.0	0.0
Lane LOS	C			B		
Approach Delay (s)	17.0	0.0		0.1		
Approach LOS	C					

Intersection Summary						
Average Delay			0.3			
Intersection Capacity Utilization			46.2%		ICU Level of Service	A
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 5: Maple Ave & Monroe St

6/5/2017



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	55	41	21	14	28	14
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	60	45	23	15	30	15
Pedestrians	5			20		
Lane Width (ft)	12.0			12.0		
Walking Speed (ft/s)	4.0			4.0		
Percent Blockage	0			2		
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	124	43	51			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	124	43	51			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	93	96	99			
cM capacity (veh/h)	840	1023	1549			
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>NB 1</b>	<b>SB 1</b>			
Volume Total	104	38	46			
Volume Left	60	23	0			
Volume Right	45	0	15			
cSH	910	1549	1700			
Volume to Capacity	0.11	0.01	0.03			
Queue Length 95th (ft)	10	1	0			
Control Delay (s)	9.5	4.5	0.0			
Lane LOS	A	A				
Approach Delay (s)	9.5	4.5	0.0			
Approach LOS	A					
<b>Intersection Summary</b>						
Average Delay			6.2			
Intersection Capacity Utilization			20.8%	ICU Level of Service	A	
Analysis Period (min)			15			

HCM Unsignalized Intersection Capacity Analysis  
 6: Maple Ave & Parking Lot Access

6/5/2017



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	9	1	6	54	44	20
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	10	1	7	59	48	22
Pedestrians	6			20	13	
Lane Width (ft)	12.0			12.0	12.0	
Walking Speed (ft/s)	4.0			4.0	4.0	
Percent Blockage	1			2	1	
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	149	85	76			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	149	85	76			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	99	100	100			
cM capacity (veh/h)	826	953	1516			
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>NB 1</b>	<b>SB 1</b>			
Volume Total	11	65	70			
Volume Left	10	7	0			
Volume Right	1	0	22			
cSH	837	1516	1700			
Volume to Capacity	0.01	0.00	0.04			
Queue Length 95th (ft)	1	0	0			
Control Delay (s)	9.4	0.8	0.0			
Lane LOS	A	A				
Approach Delay (s)	9.4	0.8	0.0			
Approach LOS	A					
<b>Intersection Summary</b>						
Average Delay			1.0			
Intersection Capacity Utilization		22.7%		ICU Level of Service		A
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 7: Harlem Avenue & Parking Lot Access

6/5/2017



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations		↗	↕			↕
Volume (veh/h)	0	9	995	0	0	1236
Sign Control	Stop		Free			Free
Grade	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	10	1082	0	0	1343
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type			None			None
Median storage (veh)						
Upstream signal (ft)						382
pX, platoon unblocked	0.70					
vC, conflicting volume	1753	541		1082		
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1221	541		1082		
tC, single (s)	6.8	6.9		4.1		
tC, 2 stage (s)						
tF (s)	3.5	3.3		2.2		
p0 queue free %	100	98		100		
cM capacity (veh/h)	121	486		641		
Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2	
Volume Total	10	541	541	672	672	
Volume Left	0	0	0	0	0	
Volume Right	10	0	0	0	0	
cSH	486	1700	1700	1700	1700	
Volume to Capacity	0.02	0.32	0.32	0.40	0.40	
Queue Length 95th (ft)	2	0	0	0	0	
Control Delay (s)	12.6	0.0	0.0	0.0	0.0	
Lane LOS	B					
Approach Delay (s)	12.6	0.0		0.0		
Approach LOS	B					
Intersection Summary						
Average Delay			0.1			
Intersection Capacity Utilization			37.5%	ICU Level of Service	A	
Analysis Period (min)			15			

HCM Unsignalized Intersection Capacity Analysis  
8: Ambulance Access & Madison St.

6/5/2017



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑			↑↑	↑↑	
Volume (veh/h)	1025	6	4	1085	4	6
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1114	7	4	1179	4	7
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)	447			215		
pX, platoon unblocked				0.88	0.93	0.88
vC, conflicting volume				1121	1716	560
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol				875	1157	241
tC, single (s)				4.1	6.8	6.9
tC, 2 stage (s)						
tF (s)				2.2	3.5	3.3
p0 queue free %				99	98	99
cM capacity (veh/h)				678	176	672

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1
Volume Total	743	378	397	786	11
Volume Left	0	0	4	0	4
Volume Right	0	7	0	0	7
cSH	1700	1700	678	1700	315
Volume to Capacity	0.44	0.22	0.01	0.46	0.03
Queue Length 95th (ft)	0	0	0	0	3
Control Delay (s)	0.0	0.0	0.2	0.0	16.8
Lane LOS	A			C	
Approach Delay (s)	0.0		0.1	16.8	
Approach LOS				C	










Intersection Summary					
Average Delay			0.1		
Intersection Capacity Utilization	42.8%		ICU Level of Service		A
Analysis Period (min)	15				



# HCM Unsignalized Intersection Capacity Analysis





















## 9: Maple Ave & ER Exit

6/5/2017

						
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (veh/h)	7	1	51	0	0	60
Sign Control	Stop		Free			Free
Grade	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	8	1	55	0	0	65
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type			None			None
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	121	55			55	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	121	55			55	
tC, single (s)	6.4	6.2			4.1	
tC, 2 stage (s)						
tF (s)	3.5	3.3			2.2	
p0 queue free %	99	100			100	
cM capacity (veh/h)	875	1011			1549	
<b>Direction, Lane #</b>	<b>WB 1</b>	<b>NB 1</b>	<b>SB 1</b>			
Volume Total	9	55	65			
Volume Left	8	0	0			
Volume Right	1	0	0			
cSH	890	1700	1700			
Volume to Capacity	0.01	0.03	0.04			
Queue Length 95th (ft)	1	0	0			
Control Delay (s)	9.1	0.0	0.0			
Lane LOS	A					
Approach Delay (s)	9.1	0.0	0.0			
Approach LOS	A					
<b>Intersection Summary</b>						
Average Delay			0.6			
Intersection Capacity Utilization			13.3%		ICU Level of Service	A
Analysis Period (min)			15			

Lanes, Volumes, Timings  
1: Harlem Avenue & Madison St.

10/14/2016

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	68	381	55	232	365	243	62	853	164	133	1067	76
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	125		0	140		0	170		0	130		0
Storage Lanes	1		0	1		0	1		0	1		0
Taper Length (ft)	60			40			100			100		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	*0.85	0.95	1.00	*0.85	0.95
Ped Bike Factor	0.99	0.99		0.98	0.99			1.00		1.00	1.00	
Frt		0.981			0.940			0.976			0.990	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1484	3487	0	1588	3270	0	1805	3083	0	1770	3093	0
Flt Permitted	0.230			0.260			0.092			0.109		
Satd. Flow (perm)	358	3487	0	426	3270	0	175	3083	0	203	3093	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			122			20			7	
Link Speed (mph)		25			25			30			30	
Link Distance (ft)		258			259			422			1942	
Travel Time (s)		7.0			7.1			9.6			44.1	
Confl. Peds. (#/hr)	13		33	33		13	31		14	14		31
Confl. Bikes (#/hr)												
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	7%	1%	0%	0%	3%	2%	0%	2%	1%	2%	3%	4%
Bus Blockages (#/hr)	0	0	0	0	0	2	0	0	4	0	0	4
Parking (#/hr)	4		4	4								
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	69	445	0	237	620	0	63	1037	0	136	1167	0
Turn Type	pm+pt	NA		pm+pt	NA		pm+pt	NA		pm+pt	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4			8			2			6		
Detector Phase	7	4		3	8		5	2		1	6	
Switch Phase												
Minimum Initial (s)	3.0	15.0		3.0	15.0		3.0	15.0		3.0	15.0	
Minimum Split (s)	10.0	35.0		10.0	35.0		10.0	46.0		10.0	40.0	
Total Split (s)	14.0	35.0		14.0	35.0		14.0	62.0		14.0	62.0	
Total Split (%)	11.2%	28.0%		11.2%	28.0%		11.2%	49.6%		11.2%	49.6%	
Yellow Time (s)	3.5	4.5		3.5	4.5		3.5	4.5		3.5	4.5	
All-Red Time (s)	0.0	1.5		0.0	1.5		0.0	1.5		0.0	1.5	
Lost Time Adjust (s)	1.0	-2.0		1.0	-2.0		1.0	-2.0		1.0	-2.0	
Total Lost Time (s)	4.5	4.0		4.5	4.0		4.5	4.0		4.5	4.0	
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lag		Lead	Lag	
Lead-Lag Optimize?												
Recall Mode	None	Min		None	Min		None	C-Min		None	C-Min	
Act Effect Green (s)	36.2	28.8		40.9	33.8		65.8	59.9		70.2	63.6	
Actuated g/C Ratio	0.29	0.23		0.33	0.27		0.53	0.48		0.56	0.51	
v/c Ratio	0.39	0.55		0.98	0.64		0.36	0.70		0.62	0.74	

Weekday PM - Existing  
16-170; Oak Park, IL

Synchro 8 Report

Lanes, Volumes, Timings  
 1: Harlem Avenue & Madison St.

10/14/2016

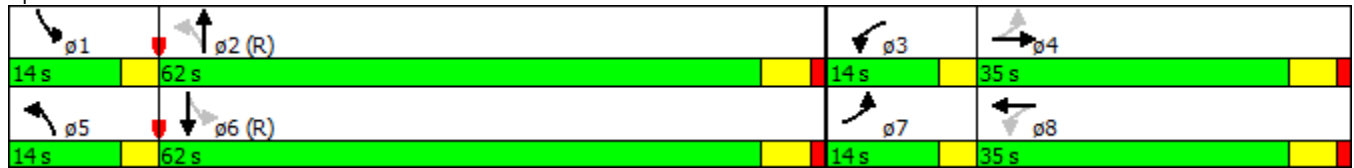


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Control Delay	34.5	43.6		90.9	36.1		17.9	28.4		26.9	28.5	
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay	34.5	43.6		90.9	36.1		17.9	28.4		26.9	28.5	
LOS	C	D		F	D		B	C		C	C	
Approach Delay		42.4			51.3			27.8			28.3	
Approach LOS		D			D			C			C	
Queue Length 50th (ft)	37	159		~153	192		22	377		49	440	
Queue Length 95th (ft)	72	213		#285	262		42	473		92	559	
Internal Link Dist (ft)		178			179			342			1862	
Turn Bay Length (ft)	125			140			170			130		
Base Capacity (vph)	193	873		241	972		220	1486		233	1578	
Starvation Cap Reductn	0	0		0	0		0	0		0	0	
Spillback Cap Reductn	0	0		0	0		0	0		0	0	
Storage Cap Reductn	0	0		0	0		0	0		0	0	
Reduced v/c Ratio	0.36	0.51		0.98	0.64		0.29	0.70		0.58	0.74	

Intersection Summary

Area Type: Other  
 Cycle Length: 125  
 Actuated Cycle Length: 125  
 Offset: 50 (40%), Referenced to phase 2:NBTL and 6:SBTL, Start of 1st Green  
 Natural Cycle: 105  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.98  
 Intersection Signal Delay: 35.3  
 Intersection LOS: D  
 Intersection Capacity Utilization 88.1%  
 ICU Level of Service E  
 Analysis Period (min) 15  
 \* User Entered Value  
 ~ Volume exceeds capacity, queue is theoretically infinite.  
 Queue shown is maximum after two cycles.  
 # 95th percentile volume exceeds capacity, queue may be longer.  
 Queue shown is maximum after two cycles.

Splits and Phases: 1: Harlem Avenue & Madison St.



Lanes, Volumes, Timings  
2: Wisconsin Ave. & Madison St.

10/14/2016



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕↕			↕↕			↕			↕	
Volume (vph)	13	731	12	25	766	65	69	11	51	20	4	14
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	0.95	0.95	0.95	0.95	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor		1.00			1.00			0.97			0.97	
Frt		0.998			0.989			0.948			0.949	
Flt Protected		0.999			0.999			0.974			0.974	
Satd. Flow (prot)	0	3522	0	0	3485	0	0	1694	0	0	1608	0
Flt Permitted		0.935			0.918			0.820			0.833	
Satd. Flow (perm)	0	3296	0	0	3201	0	0	1405	0	0	1362	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			14			42			15	
Link Speed (mph)		30			30			25			25	
Link Distance (ft)		195			683			159			159	
Travel Time (s)		4.4			15.5			4.3			4.3	
Confl. Peds. (#/hr)	16		26	26		16	28		22	22		28
Confl. Bikes (#/hr)			3			1			2			
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	2%	8%	4%	2%	0%	1%	9%	2%	0%	75%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)	4		4	4		4	4		4	4		4
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	796	0	0	900	0	0	139	0	0	40	0
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		2			6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		6	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		15.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	25.0	25.0		25.0	25.0		31.0	31.0		31.0	31.0	
Total Split (s)	50.0	50.0		50.0	50.0		40.0	40.0		40.0	40.0	
Total Split (%)	55.6%	55.6%		55.6%	55.6%		44.4%	44.4%		44.4%	44.4%	
Yellow Time (s)	4.5	4.5		4.5	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		1.5	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)		-2.0			-2.0			-2.0			-2.0	
Total Lost Time (s)		4.0			4.0			4.0			4.0	
Lead/Lag												
Lead-Lag Optimize?												
Recall Mode	C-Min	C-Min		C-Min	C-Min		None	None		None	None	
Act Effect Green (s)		67.1			67.1			14.9			14.9	
Actuated g/C Ratio		0.75			0.75			0.17			0.17	
v/c Ratio		0.32			0.38			0.52			0.17	

Weekday PM - Existing  
16-170; Oak Park, IL

Synchro 8 Report

Lanes, Volumes, Timings  
 2: Wisconsin Ave. & Madison St.

10/14/2016



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Control Delay		4.7			2.9			29.9			22.8	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		4.7			2.9			29.9			22.8	
LOS		A			A			C			C	
Approach Delay		4.7			2.9			29.9			22.8	
Approach LOS		A			A			C			C	
Queue Length 50th (ft)		63			34			50			12	
Queue Length 95th (ft)		115			55			101			37	
Internal Link Dist (ft)		115			603			79			79	
Turn Bay Length (ft)												
Base Capacity (vph)		2459			2391			587			553	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.32			0.38			0.24			0.07	

Intersection Summary

Area Type: Other  
 Cycle Length: 90  
 Actuated Cycle Length: 90  
 Offset: 54 (60%), Referenced to phase 2:EBTL and 6:WBTL, Start of 1st Green  
 Natural Cycle: 60  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.52  
 Intersection Signal Delay: 6.1  
 Intersection Capacity Utilization 64.0%  
 Analysis Period (min) 15  
 Intersection LOS: A  
 ICU Level of Service B

Splits and Phases: 2: Wisconsin Ave. & Madison St.



# HCM Unsignalized Intersection Capacity Analysis

## 3: Maple Ave & Madison St.

10/14/2016



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕↕			↕↕			↕			↕	
Volume (veh/h)	9	653	16	9	813	27	12	13	92	11	4	15
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	10	710	17	10	884	29	13	14	100	12	4	16
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		259			403							
pX, platoon unblocked	0.93			0.90			0.93	0.93	0.90	0.93	0.93	0.93
vC, conflicting volume	913			727			1218	1671	364	1399	1665	457
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	752			468			746	1231	63	940	1224	260
tC, single (s)	4.1			4.1			7.5	6.5	6.9	7.5	6.5	6.9
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			99			95	91	89	93	97	98
cM capacity (veh/h)	792			978			265	161	887	166	162	686
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1	SB 1						
Volume Total	365	372	452	471	127	33						
Volume Left	10	0	10	0	13	12						
Volume Right	0	17	0	29	100	16						
cSH	792	1700	978	1700	509	266						
Volume to Capacity	0.01	0.22	0.01	0.28	0.25	0.12						
Queue Length 95th (ft)	1	0	1	0	24	10						
Control Delay (s)	0.4	0.0	0.3	0.0	14.4	20.4						
Lane LOS	A		A		B	C						
Approach Delay (s)	0.2		0.1		14.4	20.4						
Approach LOS					B	C						
Intersection Summary												
Average Delay			1.5									
Intersection Capacity Utilization			43.7%	ICU Level of Service	A							
Analysis Period (min)			15									



# HCM Unsignalized Intersection Capacity Analysis

## 4: Harlem Avenue & Monroe St

10/14/2016



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (veh/h)	11	19	1025	76	5	1264
Sign Control	Stop		Free		Free	Free
Grade	0%		0%		0%	0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	12	21	1114	83	5	1374
Pedestrians	2					
Lane Width (ft)	12.0					
Walking Speed (ft/s)	4.0					
Percent Blockage	0					
Right turn flare (veh)						
Median type			TWLTL			None
Median storage (veh)			2			
Upstream signal (ft)						572
pX, platoon unblocked	0.71					
vC, conflicting volume	1855	600			1199	
vC1, stage 1 conf vol	1157					
vC2, stage 2 conf vol	698					
vCu, unblocked vol	1392	600			1199	
tC, single (s)	6.8	6.9			4.1	
tC, 2 stage (s)	5.8					
tF (s)	3.5	3.3			2.2	
p0 queue free %	95	95			99	
cM capacity (veh/h)	246	443			577	

Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2	SB 3
Volume Total	33	743	454	5	687	687
Volume Left	12	0	0	5	0	0
Volume Right	21	0	83	0	0	0
cSH	342	1700	1700	577	1700	1700
Volume to Capacity	0.10	0.44	0.27	0.01	0.40	0.40
Queue Length 95th (ft)	8	0	0	1	0	0
Control Delay (s)	16.6	0.0	0.0	11.3	0.0	0.0
Lane LOS	C			B		
Approach Delay (s)	16.6	0.0		0.0		
Approach LOS	C					

Intersection Summary						
Average Delay			0.2			
Intersection Capacity Utilization			44.9%		ICU Level of Service	A
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 5: Maple Ave & Monroe St

10/14/2016



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	68	15	17	31	19	11
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	74	16	18	34	21	12
Pedestrians	5				20	
Lane Width (ft)	12.0				12.0	
Walking Speed (ft/s)	4.0				4.0	
Percent Blockage	0				2	
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	122	32	38			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	122	32	38			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	91	98	99			
cM capacity (veh/h)	845	1038	1566			

Direction, Lane #	EB 1	NB 1	SB 1
Volume Total	90	52	33
Volume Left	74	18	0
Volume Right	16	0	12
cSH	874	1566	1700
Volume to Capacity	0.10	0.01	0.02
Queue Length 95th (ft)	9	1	0
Control Delay (s)	9.6	2.7	0.0
Lane LOS	A	A	
Approach Delay (s)	9.6	2.7	0.0
Approach LOS	A		

Intersection Summary			
Average Delay		5.7	
Intersection Capacity Utilization	20.6%		ICU Level of Service
Analysis Period (min)	15		A

# HCM Unsignalized Intersection Capacity Analysis

## 6: Maple Ave & Parking Lot Access

10/14/2016



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	13	7	4	90	22	5
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	14	8	4	98	24	5
Pedestrians	1			14	11	
Lane Width (ft)	12.0			12.0	12.0	
Walking Speed (ft/s)	4.0			4.0	4.0	
Percent Blockage	0			1	1	
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	145	42	30			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	145	42	30			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	98	99	100			
cM capacity (veh/h)	837	1016	1581			
Direction, Lane #	EB 1	NB 1	SB 1			
Volume Total	22	102	29			
Volume Left	14	4	0			
Volume Right	8	0	5			
cSH	892	1581	1700			
Volume to Capacity	0.02	0.00	0.02			
Queue Length 95th (ft)	2	0	0			
Control Delay (s)	9.1	0.3	0.0			
Lane LOS	A	A				
Approach Delay (s)	9.1	0.3	0.0			
Approach LOS	A					
Intersection Summary						
Average Delay			1.5			
Intersection Capacity Utilization			21.7%	ICU Level of Service	A	
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 7: Harlem Avenue & Parking Lot Access

10/14/2016



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations		↗	↕			↕
Volume (veh/h)	0	4	1044	0	0	1269
Sign Control	Stop		Free			Free
Grade	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	4	1135	0	0	1379
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type			None			None
Median storage (veh)						
Upstream signal (ft)						422
pX, platoon unblocked	0.71					
vC, conflicting volume	1824	567			1135	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1339	567			1135	
tC, single (s)	6.8	6.9			4.1	
tC, 2 stage (s)						
tF (s)	3.5	3.3			2.2	
p0 queue free %	100	99			100	
cM capacity (veh/h)	102	466			611	

Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2
Volume Total	4	567	567	690	690
Volume Left	0	0	0	0	0
Volume Right	4	0	0	0	0
cSH	466	1700	1700	1700	1700
Volume to Capacity	0.01	0.33	0.33	0.41	0.41
Queue Length 95th (ft)	1	0	0	0	0
Control Delay (s)	12.8	0.0	0.0	0.0	0.0
Lane LOS	B				
Approach Delay (s)	12.8	0.0		0.0	
Approach LOS	B				

Intersection Summary					
Average Delay			0.0		
Intersection Capacity Utilization			38.9%	ICU Level of Service	A
Analysis Period (min)			15		

HCM Unsignalized Intersection Capacity Analysis  
 8: Ambulance Access & Madison St.

10/14/2016























Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑			↑↑	↑↑	
Volume (veh/h)	756	3	3	849	3	3
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	822	3	3	923	3	3
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)	467			195		
pX, platoon unblocked				0.91	0.95	0.91
vC, conflicting volume				825	1291	412
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol				603	810	148
tC, single (s)				4.1	6.8	6.9
tC, 2 stage (s)						
tF (s)				2.2	3.5	3.3
p0 queue free %				100	99	100
cM capacity (veh/h)				881	300	791

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1
Volume Total	548	277	311	615	7
Volume Left	0	0	3	0	3
Volume Right	0	3	0	0	3
cSH	1700	1700	881	1700	435
Volume to Capacity	0.32	0.16	0.00	0.36	0.01
Queue Length 95th (ft)	0	0	0	0	1
Control Delay (s)	0.0	0.0	0.1	0.0	13.4
Lane LOS	A			B	
Approach Delay (s)	0.0			13.4	
Approach LOS				B	

Intersection Summary					
Average Delay			0.1		
Intersection Capacity Utilization			35.6%	ICU Level of Service	A
Analysis Period (min)			15		

Lanes, Volumes, Timings  
1: Harlem Avenue & Madison St.

6/5/2017

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (vph)	72	407	58	246	374	259	87	919	175	144	1131	81
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	125		0	140		0	170		0	130		0
Storage Lanes	1		0	1		0	1		0	1		0
Taper Length (ft)	60			40			100			100		
Lane Util. Factor	1.00	0.95	0.95	1.00	0.95	0.95	1.00	*0.85	0.95	1.00	*0.85	0.95
Ped Bike Factor	1.00	0.99		0.98	0.99			1.00		1.00	1.00	
Frt		0.981			0.939			0.976			0.990	
Flt Protected	0.950			0.950			0.950			0.950		
Satd. Flow (prot)	1484	3487	0	1588	3266	0	1805	3083	0	1770	3093	0
Flt Permitted	0.202			0.243			0.072			0.085		
Satd. Flow (perm)	314	3487	0	399	3266	0	137	3083	0	158	3093	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		12			133			20			7	
Link Speed (mph)		25			25			30			30	
Link Distance (ft)		258			259			422			1942	
Travel Time (s)		7.0			7.1			9.6			44.1	
Confl. Peds. (#/hr)	13		33	33		13	31		14	14		31
Confl. Bikes (#/hr)												
Peak Hour Factor	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	7%	1%	0%	0%	3%	2%	0%	2%	1%	2%	3%	4%
Bus Blockages (#/hr)	0	0	0	0	0	2	0	0	4	0	0	4
Parking (#/hr)	4		4	4								
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	73	474	0	251	646	0	89	1117	0	147	1237	0
Turn Type	pm+pt	NA		pm+pt	NA		pm+pt	NA		pm+pt	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases	4			8			2			6		
Detector Phase	7	4		3	8		5	2		1	6	
Switch Phase												
Minimum Initial (s)	3.0	15.0		3.0	15.0		3.0	15.0		3.0	15.0	
Minimum Split (s)	10.0	35.0		10.0	35.0		10.0	46.0		10.0	40.0	
Total Split (s)	14.0	35.0		14.0	35.0		14.0	62.0		14.0	62.0	
Total Split (%)	11.2%	28.0%		11.2%	28.0%		11.2%	49.6%		11.2%	49.6%	
Yellow Time (s)	3.5	4.5		3.5	4.5		3.5	4.5		3.5	4.5	
All-Red Time (s)	0.0	1.5		0.0	1.5		0.0	1.5		0.0	1.5	
Lost Time Adjust (s)	1.0	-2.0		1.0	-2.0		1.0	-2.0		1.0	-2.0	
Total Lost Time (s)	4.5	4.0		4.5	4.0		4.5	4.0		4.5	4.0	
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lag		Lead	Lag	
Lead-Lag Optimize?												
Recall Mode	None	Min		None	Min		None	C-Min		None	C-Min	
Act Effct Green (s)	36.6	29.1		40.7	33.6		66.3	59.6		69.3	61.1	
Actuated g/C Ratio	0.29	0.23		0.33	0.27		0.53	0.48		0.55	0.49	
v/c Ratio	0.44	0.58		1.09	0.66		0.53	0.76		0.73	0.82	

Weekday PM - Future  
16-170; Oak Park, IL

Synchro 8 Report



Lanes, Volumes, Timings  
 1: Harlem Avenue & Madison St.

6/5/2017



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Control Delay	36.2	44.2		120.8	36.4		26.8	30.6		41.1	33.0	
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay	36.2	44.2		120.8	36.4		26.8	30.6		41.1	33.0	
LOS	D	D		F	D		C	C		D	C	
Approach Delay		43.1			60.0			30.4				33.9
Approach LOS		D			E			C				C
Queue Length 50th (ft)	40	171		~151	200		31	427		53	491	
Queue Length 95th (ft)	76	227		#323	271		69	530		#148	627	
Internal Link Dist (ft)		178			179			342			1862	
Turn Bay Length (ft)	125			140			170			130		
Base Capacity (vph)	184	873		230	974		202	1479		211	1514	
Starvation Cap Reductn	0	0		0	0		0	0		0	0	
Spillback Cap Reductn	0	0		0	0		0	0		0	0	
Storage Cap Reductn	0	0		0	0		0	0		0	0	
Reduced v/c Ratio	0.40	0.54		1.09	0.66		0.44	0.76		0.70	0.82	

Intersection Summary

Area Type: Other  
 Cycle Length: 125  
 Actuated Cycle Length: 125  
 Offset: 50 (40%), Referenced to phase 2:NBTL and 6:SBTL, Start of 1st Green  
 Natural Cycle: 105  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 1.09  
 Intersection Signal Delay: 39.9  
 Intersection LOS: D  
 Intersection Capacity Utilization 89.7%  
 ICU Level of Service E  
 Analysis Period (min) 15  
 \* User Entered Value  
 ~ Volume exceeds capacity, queue is theoretically infinite.  
 Queue shown is maximum after two cycles.  
 # 95th percentile volume exceeds capacity, queue may be longer.  
 Queue shown is maximum after two cycles.

Splits and Phases: 1: Harlem Avenue & Madison St.



Lanes, Volumes, Timings  
2: Wisconsin Ave. & Madison St.

6/5/2017



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕↕			↕↕			↕			↕	
Volume (vph)	28	759	13	26	818	66	70	12	52	33	5	20
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	0.95	0.95	0.95	0.95	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Ped Bike Factor		1.00			1.00			0.97			0.98	
Frt		0.998			0.989			0.948			0.954	
Flt Protected		0.998			0.999			0.975			0.972	
Satd. Flow (prot)	0	3519	0	0	3485	0	0	1696	0	0	1636	0
Flt Permitted		0.898			0.915			0.833			0.779	
Satd. Flow (perm)	0	3166	0	0	3191	0	0	1428	0	0	1298	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		3			13			42			21	
Link Speed (mph)		30			30			25			25	
Link Distance (ft)		195			683			159			159	
Travel Time (s)		4.4			15.5			4.3			4.3	
Confl. Peds. (#/hr)	16		26	26		16	28		22	22		28
Confl. Bikes (#/hr)			3			1			2			
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	0%	2%	8%	4%	2%	0%	1%	9%	2%	0%	75%	0%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)	4		4	4		4	4		4	4		4
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	842	0	0	957	0	0	142	0	0	61	0
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		2			6			8			4	
Permitted Phases	2			6			8			4		
Detector Phase	2	2		6	6		8	8		4	4	
Switch Phase												
Minimum Initial (s)	15.0	15.0		15.0	15.0		8.0	8.0		8.0	8.0	
Minimum Split (s)	25.0	25.0		25.0	25.0		31.0	31.0		31.0	31.0	
Total Split (s)	50.0	50.0		50.0	50.0		40.0	40.0		40.0	40.0	
Total Split (%)	55.6%	55.6%		55.6%	55.6%		44.4%	44.4%		44.4%	44.4%	
Yellow Time (s)	4.5	4.5		4.5	4.5		4.5	4.5		4.5	4.5	
All-Red Time (s)	1.5	1.5		1.5	1.5		1.5	1.5		1.5	1.5	
Lost Time Adjust (s)		-2.0			-2.0			-2.0			-2.0	
Total Lost Time (s)		4.0			4.0			4.0			4.0	
Lead/Lag												
Lead-Lag Optimize?												
Recall Mode	C-Min	C-Min		C-Min	C-Min		None	None		None	None	
Act Effect Green (s)		66.9			66.9			15.1			15.1	
Actuated g/C Ratio		0.74			0.74			0.17			0.17	
v/c Ratio		0.36			0.40			0.52			0.26	

Weekday PM - Future  
16-170; Oak Park, IL

Synchro 8 Report

Lanes, Volumes, Timings  
 2: Wisconsin Ave. & Madison St.

6/5/2017



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Control Delay		5.0			2.7			29.7			24.7	
Queue Delay		0.0			0.0			0.0			0.0	
Total Delay		5.0			2.7			29.7			24.7	
LOS		A			A			C			C	
Approach Delay		5.0			2.7			29.7			24.7	
Approach LOS		A			A			C			C	
Queue Length 50th (ft)		70			32			52			20	
Queue Length 95th (ft)		128			60			101			51	
Internal Link Dist (ft)		115			603			79			79	
Turn Bay Length (ft)												
Base Capacity (vph)		2354			2375			596			531	
Starvation Cap Reductn		0			0			0			0	
Spillback Cap Reductn		0			0			0			0	
Storage Cap Reductn		0			0			0			0	
Reduced v/c Ratio		0.36			0.40			0.24			0.11	

Intersection Summary

Area Type:	Other
Cycle Length:	90
Actuated Cycle Length:	90
Offset:	54 (60%), Referenced to phase 2:EBTL and 6:WBTL, Start of 1st Green
Natural Cycle:	60
Control Type:	Actuated-Coordinated
Maximum v/c Ratio:	0.52
Intersection Signal Delay:	6.2
Intersection LOS:	A
Intersection Capacity Utilization:	66.0%
ICU Level of Service:	C
Analysis Period (min):	15


















Splits and Phases: 2: Wisconsin Ave. & Madison St.



# HCM Unsignalized Intersection Capacity Analysis

## 3: Maple Ave & Madison St.

6/5/2017

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Volume (veh/h)	10	695	21	17	827	28	0	0	108	0	0	16
Sign Control		Free			Free			Stop			Stop	
Grade		0%			0%			0%			0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	11	755	23	18	899	30	0	0	117	0	0	17
Pedestrians												
Lane Width (ft)												
Walking Speed (ft/s)												
Percent Blockage												
Right turn flare (veh)												
Median type		None			None							
Median storage (veh)												
Upstream signal (ft)		259			403							
pX, platoon unblocked	0.93			0.89			0.93	0.93	0.89	0.93	0.93	0.93
vC, conflicting volume	929			778			1292	1755	389	1468	1751	465
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	762			502			795	1294	65	985	1290	260
tC, single (s)	4.1			4.1			7.5	6.5	6.9	7.5	6.5	6.9
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			98			100	100	87	100	100	97
cM capacity (veh/h)	783			941			245	145	877	158	145	683
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>EB 2</b>	<b>WB 1</b>	<b>WB 2</b>	<b>WB 3</b>	<b>NB 1</b>	<b>SB 1</b>					
Volume Total	389	401	18	599	330	117	17					
Volume Left	11	0	18	0	0	0	0					
Volume Right	0	23	0	0	30	117	17					
cSH	783	1700	941	1700	1700	877	683					
Volume to Capacity	0.01	0.24	0.02	0.35	0.19	0.13	0.03					
Queue Length 95th (ft)	1	0	2	0	0	12	2					
Control Delay (s)	0.4	0.0	8.9	0.0	0.0	9.7	10.4					
Lane LOS	A		A			A	B					
Approach Delay (s)	0.2		0.2			9.7	10.4					
Approach LOS						A	B					
<b>Intersection Summary</b>												
Average Delay			0.9									
Intersection Capacity Utilization			33.8%		ICU Level of Service		A					
Analysis Period (min)			15									

# HCM Unsignalized Intersection Capacity Analysis

## 4: Harlem Avenue & Monroe St

6/5/2017



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Volume (veh/h)	13	21	1087	82	6	1342
Sign Control	Stop		Free			Free
Grade	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	14	23	1182	89	7	1459
Pedestrians	2					
Lane Width (ft)	12.0					
Walking Speed (ft/s)	4.0					
Percent Blockage	0					
Right turn flare (veh)						
Median type			TWLTL			None
Median storage (veh)			2			
Upstream signal (ft)						572
pX, platoon unblocked	0.68					
vC, conflicting volume	1970	637			1273	
vC1, stage 1 conf vol	1228					
vC2, stage 2 conf vol	742					
vCu, unblocked vol	1485	637			1273	
tC, single (s)	6.8	6.9			4.1	
tC, 2 stage (s)	5.8					
tF (s)	3.5	3.3			2.2	
p0 queue free %	94	95			99	
cM capacity (veh/h)	225	419			541	

Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2	SB 3
Volume Total	37	788	483	7	729	729
Volume Left	14	0	0	7	0	0
Volume Right	23	0	89	0	0	0
cSH	315	1700	1700	541	1700	1700
Volume to Capacity	0.12	0.46	0.28	0.01	0.43	0.43
Queue Length 95th (ft)	10	0	0	1	0	0
Control Delay (s)	17.9	0.0	0.0	11.7	0.0	0.0
Lane LOS	C			B		
Approach Delay (s)	17.9	0.0		0.1		
Approach LOS	C					

Intersection Summary						
Average Delay			0.3			
Intersection Capacity Utilization			47.1%		ICU Level of Service	A
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 5: Maple Ave & Monroe St

6/5/2017



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	79	15	31	21	20	15
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	86	16	34	23	22	16
Pedestrians	5			20		
Lane Width (ft)	12.0			12.0		
Walking Speed (ft/s)	4.0			4.0		
Percent Blockage	0			2		
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	145	35	43			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	145	35	43			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	89	98	98			
cM capacity (veh/h)	812	1034	1559			
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>NB 1</b>	<b>SB 1</b>			
Volume Total	102	57	38			
Volume Left	86	34	0			
Volume Right	16	0	16			
cSH	841	1559	1700			
Volume to Capacity	0.12	0.02	0.02			
Queue Length 95th (ft)	10	2	0			
Control Delay (s)	9.9	4.5	0.0			
Lane LOS	A	A				
Approach Delay (s)	9.9	4.5	0.0			
Approach LOS	A					
<b>Intersection Summary</b>						
Average Delay			6.4			
Intersection Capacity Utilization			21.4%	ICU Level of Service	A	
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 6: Maple Ave & Parking Lot Access

6/5/2017



Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Volume (veh/h)	21	7	13	93	32	26
Sign Control	Stop			Free	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	23	8	14	101	35	28
Pedestrians	1			14	11	
Lane Width (ft)	12.0			12.0	12.0	
Walking Speed (ft/s)	4.0			4.0	4.0	
Percent Blockage	0			1	1	
Right turn flare (veh)						
Median type				None	None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	190	64	64			
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	190	64	64			
tC, single (s)	6.4	6.2	4.1			
tC, 2 stage (s)						
tF (s)	3.5	3.3	2.2			
p0 queue free %	97	99	99			
cM capacity (veh/h)	783	988	1537			
<b>Direction, Lane #</b>	<b>EB 1</b>	<b>NB 1</b>	<b>SB 1</b>			
Volume Total	30	115	63			
Volume Left	23	14	0			
Volume Right	8	0	28			
cSH	826	1537	1700			
Volume to Capacity	0.04	0.01	0.04			
Queue Length 95th (ft)	3	1	0			
Control Delay (s)	9.5	1.0	0.0			
Lane LOS	A	A				
Approach Delay (s)	9.5	1.0	0.0			
Approach LOS	A					
<b>Intersection Summary</b>						
Average Delay			1.9			
Intersection Capacity Utilization			26.0%	ICU Level of Service	A	
Analysis Period (min)			15			



# HCM Unsignalized Intersection Capacity Analysis

## 7: Harlem Avenue & Parking Lot Access

6/5/2017



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations		↗	↕			↖
Volume (veh/h)	0	21	1107	0	0	1269
Sign Control	Stop		Free			Free
Grade	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	23	1203	0	0	1379
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type			None			None
Median storage (veh)						
Upstream signal (ft)						422
pX, platoon unblocked	0.67					
vC, conflicting volume	1893	602		1203		
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1356	602		1203		
tC, single (s)	6.8	6.9		4.1		
tC, 2 stage (s)						
tF (s)	3.5	3.3		2.2		
p0 queue free %	100	95		100		
cM capacity (veh/h)	95	443		576		
Direction, Lane #	WB 1	NB 1	NB 2	SB 1	SB 2	
Volume Total	23	602	602	690	690	
Volume Left	0	0	0	0	0	
Volume Right	23	0	0	0	0	
cSH	443	1700	1700	1700	1700	
Volume to Capacity	0.05	0.35	0.35	0.41	0.41	
Queue Length 95th (ft)	4	0	0	0	0	
Control Delay (s)	13.6	0.0	0.0	0.0	0.0	
Lane LOS	B					
Approach Delay (s)	13.6	0.0		0.0		
Approach LOS	B					
Intersection Summary						
Average Delay			0.1			
Intersection Capacity Utilization			40.6%	ICU Level of Service	A	
Analysis Period (min)			15			

# HCM Unsignalized Intersection Capacity Analysis

## 8: Ambulance Access & Madison St.

6/5/2017



Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑			↑↑	↘	
Volume (veh/h)	800	6	4	907	4	6
Sign Control	Free			Free	Stop	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	870	7	4	986	4	7
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type	None			None		
Median storage (veh)						
Upstream signal (ft)	467			195		
pX, platoon unblocked				0.90	0.94	0.90
vC, conflicting volume				876	1374	438
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol				639	846	152
tC, single (s)				4.1	6.8	6.9
tC, 2 stage (s)						
tF (s)				2.2	3.5	3.3
p0 queue free %				99	98	99
cM capacity (veh/h)				847	283	780

Direction, Lane #	EB 1	EB 2	WB 1	WB 2	NB 1
Volume Total	580	296	333	657	11
Volume Left	0	0	4	0	4
Volume Right	0	7	0	0	7
cSH	1700	1700	847	1700	458
Volume to Capacity	0.34	0.17	0.01	0.39	0.02
Queue Length 95th (ft)	0	0	0	0	2
Control Delay (s)	0.0	0.0	0.2	0.0	13.0
Lane LOS	A			B	
Approach Delay (s)	0.0		0.1	13.0	
Approach LOS				B	

Intersection Summary					
Average Delay			0.1		
Intersection Capacity Utilization	37.9%		ICU Level of Service		A
Analysis Period (min)	15				

# HCM Unsignalized Intersection Capacity Analysis

## 9: Maple Ave & ER Exit

6/5/2017



Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	↔		↑			↑
Volume (veh/h)	14	2	94	0	0	46
Sign Control	Stop		Free			Free
Grade	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	15	2	102	0	0	50
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type			None			None
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	152	102			102	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	152	102			102	
tC, single (s)	6.4	6.2			4.1	
tC, 2 stage (s)						
tF (s)	3.5	3.3			2.2	
p0 queue free %	98	100			100	
cM capacity (veh/h)	840	953			1490	

Direction, Lane #	WB 1	NB 1	SB 1
Volume Total	17	102	50
Volume Left	15	0	0
Volume Right	2	0	0
cSH	852	1700	1700
Volume to Capacity	0.02	0.06	0.03
Queue Length 95th (ft)	2	0	0
Control Delay (s)	9.3	0.0	0.0
Lane LOS	A		
Approach Delay (s)	9.3	0.0	0.0
Approach LOS	A		

Intersection Summary			
Average Delay		1.0	
Intersection Capacity Utilization		14.9%	ICU Level of Service
Analysis Period (min)		15	A

## 14. PARKING STUDY

## **Emergency Room Parking**

Based on data provided by the hospital and the counts conducted at the existing Emergency Room, the parking demand generated will be accommodated by the existing parking lot west of Maple Avenue, between the east-west public alley and Madison Street that will be designated for emergency room patients and visitors. Visitors can also continue to use the parking garage located on Wisconsin Avenue that is accessed via the intersection of Madison Street and Wisconsin Avenue. Hospital staff and employees, specifically serving the emergency room, will continue to park in the parking garage off Wisconsin Avenue. Further, it is important to note that based on information provided by ROPH, approximately 40 percent of emergency room visits arrive by other means of transportation, thereby further reducing the demand for parking.

## **On-Street Parking Loss**

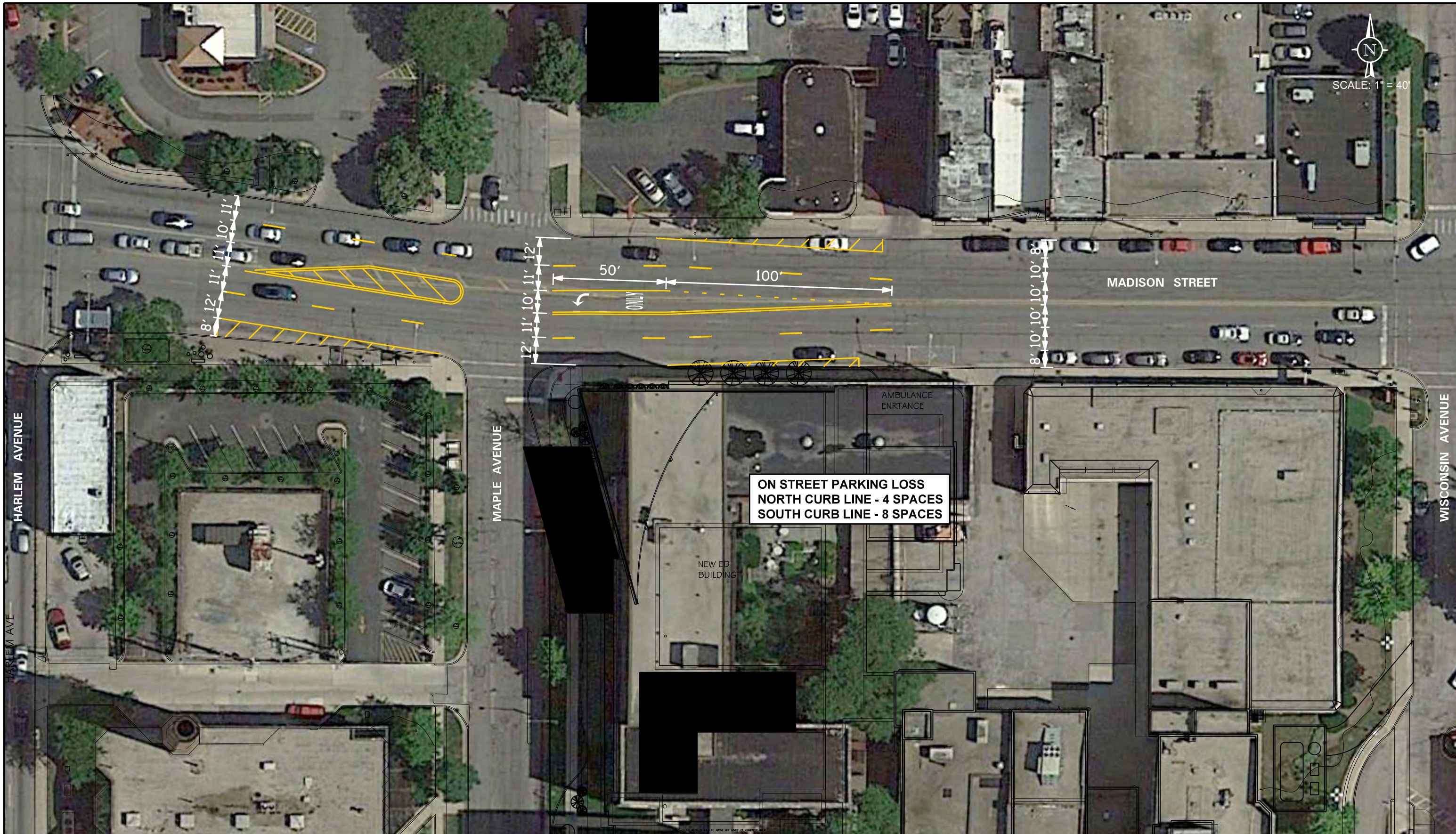
### Madison Street

In conjunction with the proposed westbound left-turn lane on Madison Street at Maple Avenue, a total of 12 on-street parking spaces will need to be removed from Madison Street. Please refer to the attached Figure B that was included in the Appendix of the traffic study report.

### Maple Avenue

To accommodate the proposed lay-by for the emergency room and the proposed parking lot modification to provide an access drive directly on Maple Avenue, a total of 8 on-street permit parking spaces will need to be removed from Maple Avenue. Further, with the implementation of the cul-de-sac on Maple Avenue at the existing bump-out, located south of Monroe Street, an additional 4 on-street permit parking spaces will need to be removed. These parking spaces will be replaced by designating 12 spaces within the existing on-site campus parking facilities.





N  
SCALE: 1" = 40'

ON STREET PARKING LOSS  
NORTH CURB LINE - 4 SPACES  
SOUTH CURB LINE - 8 SPACES

NEW ED  
BUILDING

AMBULANCE  
ENTRANCE

RUSH HOSPITAL  
EMERGENCY ROOM  
RELOCATION  
OAK PARK, ILLINOIS

PRELIMINARY PROPOSED GEOMETRICS  
MADISON STREET AND MAPLE AVENUE

DRAWN: MD  
DATE: 05-25-17  
PROJECT # 16-170  
FIGURE: B

CHECKED: DS  
REV: 06-22-17





## 15. VILLAGE SERVICES



Rush Oak Park Hospital  
520 South Maple Avenue  
Oak Park, IL 60304-1097

Tel: 708.383.9300  
Fax: 708.660.6658  
www.roph.org



May 10, 2017

Thomas Ebsen - Fire Chief  
Village of Oak Park  
123 Madison Street  
Oak Park, Illinois 60302

RE: Rush Oak Park Hospital - New Emergency Department - Impact on Village Services  
Southeast corner of Madison Street and Maple Avenue

Dear Chief Ebsen,

In accordance with Village of Oak Park's Planned Development submittal requirements, we seek your acknowledgement that the development will not have a negative impact on the Fire Department. Please sign below to confirm your agreement the development will not have a negative impact on the Fire Department.


Thank you again for your time. Please sign and send your executed document to Amal Shaqildi at Neal and Leroy, LLC, 120 North LaSalle Street, Suite 2600, Chicago, Illinois 60602, or email to [ashaqildi@nealandleroy.com](mailto:ashaqildi@nealandleroy.com).

Sincerely,

A handwritten signature in black ink that reads 'Robert Spadoni'.

Robert Spadoni  
Vice President of Hospital Operations

EXECUTED: \_\_\_\_\_

  
Thomas Ebsen  
Village of Oak Park Fire Chief

Date: \_\_\_\_\_

5/15/2017

Rush Oak Park Hospital  
520 South Maple Avenue  
Oak Park, IL 60304-1097

Tel: 708 383.9300  
Fax: 708 660 6658  
www.roph.org



May 10, 2017

Anthony Ambrose, Chief of Police  
Village of Oak Park  
123 Madison Street  
Oak Park, IL 60302

RE: Rush Oak Park Hospital - New Emergency Department - Impact on Village Services  
Southeast corner of Madison Street and Maple Avenue

Dear Chief Ambrose,

In accordance with Village of Oak Park's Planned Development submittal requirements, we seek your acknowledgement that the development will not have a negative impact on the Police Department. Please sign below to confirm your agreement the development will not have a negative impact on the Police Department.

Thank you again for your time. Please sign and send your executed document to Amal Shaqildi at Neal and Leroy, LLC, 120 North LaSalle Street, Suite 2600, Chicago, Illinois 60602, or email to [ashaqildi@nealandleroy.com](mailto:ashaqildi@nealandleroy.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert Spadoni'.

Robert Spadoni  
Vice President of Hospital Operations

EXECUTED:

A handwritten signature in blue ink, appearing to read 'Anthony Ambrose'.

Anthony Ambrose  
Village of Oak Park Police Chief

Date: 17 MAY 17



May 10, 2017

Bill McKenna, Village Engineer  
Village of Oak Park  
123 Madison Street  
Oak Park, IL 60302

RE: Rush Oak Park Hospital - New Emergency Department - Impact on Village Services  
Southeast corner of Madison Street and Maple Avenue

Dear Mr. McKenna,

In accordance with Village of Oak Park's Planned Development submittal requirements, we seek your acknowledgement that the development will not have a negative impact on the Public Works Department. Please sign below to confirm your agreement the development will not have a negative impact on the Public Works Department.

Thank you again for your time. Please sign and send your executed document to Amal Shaqildi at Neal and Leroy, LLC, 120 North LaSalle Street, Suite 2600, Chicago, Illinois 60602, or email to [ashaqildi@nealandleroy.com](mailto:ashaqildi@nealandleroy.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert Spadoni'.

Robert Spadoni  
Vice President of Hospital Operations

EXECUTED:

A handwritten signature in black ink, appearing to read 'Bill McKenna'.

Bill McKenna  
Village of Oak Park Engineer

Date: 6/20/17

---

# Rush Oak Park Hospital

## Emergency Department Addition

---

520 S Maple Ave  
Oak Park, Illinois

06.19.2017

Prepared by:

Christopher M. Fish, PE

Eriksson Engineering Associates, Ltd.



135 S Jefferson Street, Suite 135, Chicago, Illinois 60661

312.463.0551

[www.eea-ltd.com](http://www.eea-ltd.com)

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Stormwater Narrative

Calculations

- Existing Conditions
- Proposed Conditions



## Stormwater Narrative

### Existing Conditions

The site consists of an existing MAB building which covers the majority of the site and varies in height between one and five stories. The site does not contain stormwater detention of any kind. Existing stormwater runoff is conveyed offsite via (3) 6" service connections to an existing 18" storm sewer that connects to public sewer in Madison. The existing 6" services shall be removed as part of the MAB building demolition. The existing 18" sewer shall be re-routed around the new construction and downsized to 15" due to the reduced flow.

The total land disturbance for this project is anticipated to be approximately 1 acre. Stormwater runoff calculations show that the area of disturbance creates a flow of 5.67 cfs in the existing condition.

### Proposed Conditions

Stormwater Rate Control and Volume Control will be provided in accordance with the MWRD Watershed Management Ordinance, effective 5/1/2014, which requires detention and volume control for sites that total over 0.5 acres of disturbance.

Stormwater Rate Control, or detention, for this site will be provided underground in a concrete vault that will be located below an existing parking lot at the southwest corner of Maple and Madison. The system will be designed for approximately 0.30 acre-feet of storage and release at a flowrate of no more than 0.29 cfs, significantly less than the existing 5.67 cfs for the same area.

Volume control is the act of reducing the overall amount of runoff that gets into the detention system by way of infiltration or evaporation. The amount of volume control is calculated at a rate of 1-inch per acre of new impervious surface. For a 1-acre site that is approximately 95% impervious this volume would be 0.08 acre-feet or 3,450 cf. Volume control design for this project is in progress but likely will include a combination of Green Roof located on the New Emergency Addition and stone infiltration below the detention vault.



## Existing Runoff Calculations:

Rush Oak Park Hospital  
Emergency Room Addition

06/19/17



Total Area Tributary,  $A_{trib}$  = 0.97 acres  
Impervious Area,  $A_{imp}$  = 0.85 acres  
Pervious Area,  $A_{perv}$  = 0.12 acres

### Runoff Coefficient, C

---

$C_{impervious}$  = 0.90

$C_{pervious}$  = 0.10

$$C = \frac{((C_{imp})(A_{imp}) + (C_p)(A_p))}{A_{total}} = 0.80$$

### Total Runoff

---

(Design for 100-Year Rainfall Event)

Time of Concentration,  $t_c$  = 0.33 hrs

100-yr Rainfall Intensity,  $i_{100}$  = 7.30 in/hr

$$Q_{100} = C * i_{100} * A_{trib} \\ = 5.67 \text{ cfs}$$

## MWRD METHOD - DETENTION STORAGE CALCULATIONS

(Bulletin 70 NE Sectional Rainfall Intensities)

**PROJECT:** Rush Oak Park Hospital - ED Addition

**JOB NO.:**

**FILENAME:** ROPH MRM Calc.xlsx

**DATE :** 6-Oct-16

TRIBUTARY AREA = 0.97 acres

COMPOSITE RUNOFF COEFFICIENT = 0.85

ALLOWABLE RELEASE RATE = 0.29 cfs

COMPUTED DETENTION STORAGE = 0.284 acre-ft

DURATION (hours)	TIME (min.)	RAINFALL INTENSITY (in/hr)	INFLOW RATE (cfs)	STORED RATE (cfs)	RESERVOIR SIZE (ac-ft)
0.08	5	10.90	8.99	8.70	0.060
0.17	10	10.02	8.26	7.97	0.110
0.25	15	8.20	6.76	6.47	0.134
0.33	20	7.30	6.02	5.73	0.158
0.50	30	5.60	4.62	4.33	0.179
0.67	40	4.58	3.78	3.49	0.192
0.83	50	3.97	3.27	2.98	0.205
1	60	3.56	2.94	2.65	0.219
1.5	90	2.68	2.21	1.92	0.238
2	120	2.24	1.85	1.56	0.258
3	180	1.62	1.34	1.05	0.260
4	240	1.40	1.15	0.86	<b>0.284</b> ←
5	300	1.17	0.96	0.67	0.276
6	360	0.95	0.78	0.49	0.242
7	420	0.83	0.68	0.39	0.225
8	480	0.75	0.62	0.33	0.218
9	540	0.68	0.56	0.27	0.200
10	600	0.63	0.52	0.23	0.189
11	660	0.59	0.49	0.20	0.181
12	720	0.55	0.45	0.16	0.158
18	1080	0.39	0.32	0.03	0.043
24	1440	0.32	0.26	-0.03	-0.061
36	2160	0.22	0.18	-0.11	-0.330
48	2880	0.17	0.14	-0.15	-0.599

## **TAX EXEMPT ENTITY**

Rush Oak Park Hospital, Inc. is a not-for-profit corporation and maintains a 501(c)(3) tax-exempt status.

## 16. ENVIRONMENTAL REPORTS

## **16. ENVIRONMENTAL REPORT**

The Environmental Report available for review in the Department of Development Customer Services at Village Hall.



Consulting  
Engineers and  
Scientists

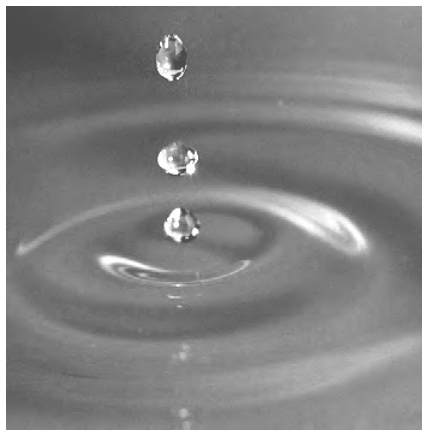
## Phase I Environmental Site Assessment

Rush University Medical Center – Oak Park Hospital  
500 S. Maple Avenue and 1141 W. Madison Street  
Oak Park, Illinois 60304

**Submitted to:**  
**Rush University Medical Center**  
1750 W. Harrison  
Chicago, Illinois 60612

**Submitted by:**  
**GEI Consultants, Inc.**  
400 N. Lakeview Parkway, Suite 140  
Vernon Hills, Illinois 60061  
847.984.3401

April 10, 2017  
Projects 1610705 / 1701377



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- H. Historical Records

## Executive Summary

---

GEI Consultants, Inc. (GEI), on behalf of Rush University Medical Center (Client), has completed a Phase I Environmental Site Assessment (ESA), of six contiguous parcels approximately 0.8 acres in size and occupied by a hospital building located at 500 South Maple Avenue and three contiguous parking lot parcels approximately 0.24 acres in size located at 1141 West Madison Street, Village of Oak Park, Cook County, Illinois (Property). This Phase I ESA was conducted in general accordance with GEI's Proposals for Service dated September 19, 2016, and March 9, 2017, and the American Society for Testing and Materials (ASTM) Standard E 1527-13 titled, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard). The purpose of this Phase I ESA was to identify, to the extent practicable, pursuant to processes prescribed in the ASTM Standard, recognized environmental conditions (RECs) in connection with the Property. The following is a summary of our findings and conclusions concerning the Property.

The Property consists of six parcels (Cook County PINs: 1618101001, 1618101002, 1618101003, 1618101004, 1618101005, and 1618101009), approximately 0.8 acres in size developed with a hospital building, and three parcels (Cook County PINs: 16-18-100-002, 16-18-100-014, and 16-18-100-006), approximately 0.24 acres in size occupied by a parking lot. Both parcels are described as a part of the northwest quarter of Section 18, Township 39 North, Range 13 East, Village of Oak Park, Cook County, Illinois. The Property can also be described as being located in an area of mixed commercial and residential land use on the south side of West Madison Street, approximately 1.25 miles east of the Des Plaines River. The Property is located in an area serviced by potable water, sanitary sewer, electric, and natural gas utilities. The hospital building on the Property is heated with natural gas.

For the purposes of this report the six parcels of land occupied by the hospital building will be referred to as the "hospital parcel" and the three parcels of land comprising the parking lot will be referred to as the "parking lot" parcel.

### Hospital Parcel

The hospital parcel is currently developed with an approximately 55,000-square-foot, five-story hospital building owned by Rush University Medical Center. The parcel is irregular-shaped, with dimensions of approximately 185 feet east-to-west along the south side of West Madison Street and approximately 190 feet north-to-south along the east side of South Maple Avenue.

The hospital building occupies the majority of the hospital parcel. Asphalt and concrete-paved shipping and receiving parking areas abut the northern and central portions of the east side of the building. The parking area extends east toward the eastern Property boundary. A small strip of grass landscaping abuts the western side of the hospital building extending to the sidewalk along the east side of South Maple Avenue. A grass landscaped strip with a concrete-paved walkway abuts the southern side of the building extending south to the

southern Property boundary. A concrete-paved sidewalk abuts the hospital building to the north toward the northern Property boundary. The entrances to the hospital parcel are from the west along South Maple Avenue and from the north along West Madison Street.

The hospital building on the Property is currently occupied and operated by Rush University Medical Center. The hospital parcel is developed with an approximately 55,000-square-foot, five-story brick hospital building situated on a concrete basement foundation, and has a deep basement and an underground swimming pool extending to depths of 13 to 18 feet below grade. A reception area, office space, lobby and gymnasium, restrooms, and a building maintenance closet are located on the first floor. Storage rooms, several mechanical rooms (i.e. fire suppression system, heating, electrical, a diesel generator, plumbing, and two large sump pumps), restrooms, a locker room, and a large pool are located in the basement. Floors two (2) through five (5) consist of restrooms, offices, former exam rooms, maintenance closets, and an elevator.

Interviews and a review of reasonably ascertainable information suggest that the hospital parcel was initially developed with two residential structures and a small office building on the south side of West Madison Street since at least 1908. The northern portion of the hospital parcel was then occupied by a “lattice truss” building, and three residences from at least 1947 to 1950. The St. Rosalie Hall building situated along the southern portion of the hospital parcel was constructed in 1924 with several additions to the building occurring over time. The buildings were then incorporated into the larger Oak Park Hospital facility from at least 1975 to present.

#### Parking Lot Parcel

The parking lot parcel is currently developed with a parking lot and several storm sewer drains and is owned by Rush University Medical Center. The parcel is irregular-shaped, with dimensions of approximately 145 feet east-to-west along the south side of West Madison Street and approximately 125 feet north-to-south along the west side of South Maple Avenue.

The parking lot occupies the majority of the parking lot parcel. The parking lot entrance driveway is located along the western portion of the parking lot parcel and is accessible from the east side of North Harlem Avenue. The parking lot exit driveway is located along the eastern portion of the parking lot parcel and is accessible from the west side of South Maple Avenue. The eastern and western boundaries of the entrance and exit driveways are surrounded by landscaped areas. The southern extents of the entrance and exit driveways leading to the parking lot are bound to the south by an access drive between North Harlem Avenue to the west and South Maple Avenue to the east. The parking lot parcel surrounds the adjacent ComEd electrical substation site on three sides and is located centrally to the south of the parking area and between the entrance and exit driveways of the parking lot parcel. The Madison Harlem Currency Exchange building and parking lot on the adjacent site to the west of the parking lot parcel abuts the western Property boundary. Concrete-paved sidewalks abut the northern and eastern portions of the parking lot parcel. The entrances to the parking lot parcel are from the west along North Harlem Avenue and from the east along South Maple Avenue.

Interviews and a review of reasonably ascertainable information suggest that the parking lot parcel was initially developed with two small commercial structures along the south side of West Madison Street since at least 1938. According to City Directory records, the westernmost parcel was then occupied by a beauty salon from at least 1969 to 1976. The central and eastern parcels were redeveloped with a two-story commercial structure from at least 1962 to 1975. City Directory records indicate that the Scheck & Siress Orthotics and Prosthetic, Inc. facility operated out of the commercial building on the central and eastern portions of the parking lot parcel from at least 1969 to 2003. According to aerial photographs, the buildings on the parking lot parcel were demolished and redeveloped with the present-day parking lot prior to 2007. The parking lot parcel appears to have been an operating parking lot for Rush University Medical Center from at least 2007 to present.

#### Hospital Parcel and Parking Lot Parcel

The hospital parcel and parking lot parcel comprising the Property are currently owned and managed by Rush University Medical Center. Ms. Angela Tasic, Project Manager, and Mr. David Benning, Director of Facilities, were identified as the Property owner representatives (i.e., key site managers) and interviewed as part of this Phase I ESA. Ms. Tasic and Mr. Benning indicated that Rush University Medical Center has been the owner of the Property since the 1950s or 1960s. Ms. Tasic and Mr. Benning were not aware of who owned the Property prior to that time. Ms. Tasic and Mr. Benning indicated that during Rush University Medical Center's ownership (1950s-1960s to the present), the Property has largely been developed with an approximately 55,000-square-foot, five-story, hospital building and a parking lot. Ms. Tasic and Mr. Benning indicated that to the best of their knowledge, the building on the hospital parcel was constructed in 1924. Ms. Tasic and Mr. Benning indicated the parking lot parcel was initially developed with a hospital garage and office building that were demolished and subsequently redeveloped with the current parking lot. Ms. Tasic and Mr. Benning indicated that they are not aware of any current or previous aboveground storage tanks (ASTs) or underground storage tanks (USTs) on the Property. Ms. Tasic and Mr. Benning indicated that they are not aware of any previous fires or spills on the Property; they are not aware of any current environmental liens or activity and/or use limitations associated with the Property; they are not aware of any current or previous litigation, administrative proceedings, or notices of violation (relevant to petroleum products or other hazardous substances) associated with the Property; and they are not aware of any other potential environmental issues with the Property.

We have performed a Phase I Environmental Site Assessment of the Property in conformance with the scope and limitations of ASTM Practice E1527-13. Any exceptions to, or deletions from, this practice are described in Sections 1.4 and 8.2 of this report.

This assessment has revealed evidence of the following REC in connection with the Property:

#### **Historical Operation of a Filling Station on an Adjacent Site:**

Review of aerial photographs, Sanborn maps, and City Directories, indicate that the adjacent site across Madison Street to the north of the parking lot parcel was historically developed

with a filling station. A Sanborn map dated 1947 identifies a filling station with a greasing building, and three “gas tanks” on the adjacent site to the north of the parking lot parcel located at the address 11 North Harlem Avenue. Sanborn maps indicate that the filling station formerly located at this site utilized three “gas tanks”. However, GEI was only able to find record of one 1,500-gallon capacity gas tank that was removed from the Property.

Records indicate that this site was an operating filling station from at least 1947 to 1988. This adjacent commercial parcel across Madison Street and north of the parking lot parcel portion of the Property located at 11 North Harlem Avenue was listed in the EDR UST and leaking underground storage tank (LUST) databases. The UST database listing for this site is related to a 1,500-gallon capacity gasoline tank that was reportedly installed on the site in 1950, and was last used on December 31, 1973. The Office of the Illinois State Fire Marshal (OSFM) was notified of the existence of this tank on April 17, 2008. According to OSFM records, this tank was last used on December 31, 1973, and was removed from the site on October 19, 2007. Tank construction details for this tank were not provided by the EDR report. The status of this tank is listed as “exempt from registration” with no violations. The LUST database listing for this site appears to be associated with release from one 1,500-gallon capacity gasoline tank that was discovered during site redevelopment and was reported to the Illinois Emergency Management Agency (IEMA) on April 11, 2008 (IEPA #312255255 and Incident #20080473). Details relating to the nature and the extent of the reported release are not provided in the EDR report. Wendy’s International is listed as the responsible party in this database listing. Tank construction details were not provided in the EDR LUST database listing.

Based on the operation of a former filling station on this adjacent site from at least 1947 to 1988, the reported LUST incident from one 1,500-gallon capacity gas tank discovered in 2008 during site redevelopment, and the unknown presence of two other potential gas tanks depicted on a Sanborn map for this adjacent site, the operation of a former filling station on the adjacent site to the north of parking lot parcel portion of the Property for over 30 years represents a REC to the Property.

However, a recent subsurface investigation consisting of three geoprobe borings on the parking lot parcel on March 21, 2017, did not reveal any field evidence (e.g. soil staining, photo ionization detector (PID) readings, or odors) or analytical evidence of petroleum impacts on the parking lot parcel.

Although not considered RECs, the following potential Environmental Business Risks associated with the hospital building on the Property were identified as part of this Phase I ESA:

- Based on the age of the existing hospital building on the hospital parcel, there is a reasonable potential for asbestos containing building materials (ACM) and lead-based paint (LBP) to be present inside and on the exterior of the building. Prior to the demolition of the existing hospital building, a survey for ACM and LBP should be completed to identify any ACM and LBP present inside and on the exterior of the building. An ACM and LBP survey of the hospital building by an Illinois-certified Asbestos Inspector and an Illinois-certified Lead-Based Paint Inspector would be

required to further evaluate the potential for ACM and LBP to exist on the building. Prior to removal of any ACM or LBP, proper notification should be made by your contractor(s) to the appropriate environmental regulatory agency. Licensed abatement contractors should be retained to properly remove and dispose of any ACM or LBP. Documentation should be submitted to the regulatory agencies and kept on file.

- Prior to the demolition of the existing hospital building on the hospital parcel, the underground fuel lines that run to the day tank and the emergency generator in the basement of the hospital building should be properly abandoned prior to razing the structure, in accordance with applicable state regulations.

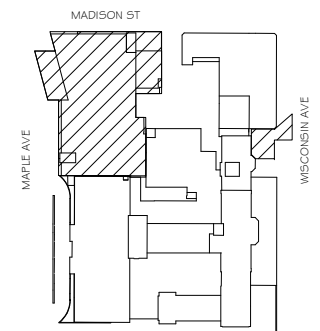
## 17. PERSPECTIVE DRAWINGS





MADISON STREET LOOKING SOUTHEAST

MAPLE AVENUE LOOKING NORTHEAST



KEY PLAN

COPYRIGHT © AMA 2017

03/2017 50% REVIEW  
11/15/16 ISSUED FOR DESIGN DEVELOPMENT

DATE	NO.	DESCRIPTION
DATE: #/##/##	SCALE:	
DRAWN: Author	JOB NO. 16250.00	
CHECKED: Checker		
APPROVED: ODM		



PERSPECTIVES

EXHIBIT

A1-11



MADISON STREET LOOKING WEST



MADISON STREET LOOKING SOUTHEAST



18. PHOTOS OF SURROUNDING PROPERTIES AND BUILDINGS



Facing Northeast



Rush Oak Park Hospital Emergency Room

43

Harlem Ave

Maple Ave

Elgin Ave

Google Earth

© 2016 Google

100 ft





Facing Southeast

Rush Oak Park Hospital Emergency Room

St. Martin's Ave

Harem Ave

Google Earth

© 2016 Google

100 ft





Facing Southwest

Rush Oak Park Hospital - Emergency Room

1st Ave

Madison St

Chestnut Ln

Alexander Ln

Baldwin Ln





Facing Northwest

Rush Oak Park Hospital: Emergency Room

W. North Ave





Maple-Facing Northeast



Google Earth

©2017 Google  
©2016 Google

8.54 ft





Maple-Facing Southwest





Maple-Facing Northwest



Google Earth

© 2017 Google  
© 2016 Google

6.20 ft





Maple-Facing Northwest



Google Earth

©2017 Google  
©2016 Google

7.59 ft





Maple/Madison-Facing Northwest



Google Earth

©2017 Google  
©2016 Google

7.93 ft



Maple/Madison-Facing Northeast



Google Earth

©2017 Google  
©2016 Google

7.62 ft





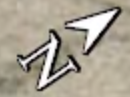
Wisconsin/Madison-Facing Northwest



Google Earth

©2017 Google  
©2016 Google

7.69 ft





Wenonah/Madison-Facing Northwest



Google Earth

©2017 Google  
©2016 Google

6.01 ft





Wenonah/Madison-Facing Northwest



Google Earth

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©2016 Google

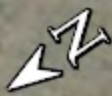


6.63 ft





1015-1023  
West Madison Street  
**KEYES CENTER  
FOR TOES**  
Pretty Dapper  
WEST SUBURBAN  
**DENTAL CENTER**  
848-0014





Wenonah-Facing Southeast



Google Earth

©2017 Google  
©2016 Google

7.61 ft



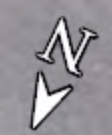


Wenonah-Facing Southeast



Google Earth

©2017 Google  
©2016 Google



6.75 ft



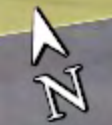
Wenonah-Facing Northeast



Google Earth

©2017 Google  
©2016 Google

7.75 ft





Wenonah-Monroe-Facing Southwest



Google Earth

©2017 Google  
©2016 Google

6.23 ft





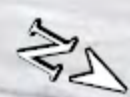
Monroe-Facing Southwest



Google Earth

©2017 Google  
©2016 Google

7.38 ft





Monroe-Wisconsin-Facing Southeast

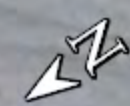


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Google Earth

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©2016 Google

6.06 ft





Wisconsin-Facing South



Google Earth

©2017 Google  
©2016 Google



5.88 ft

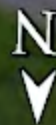


Wisconsin-Facing South



Google Earth

©2017 Google  
©2016 Google



7.78 ft



## 19. LOCATION MAP

**RUSH OAK PARK HOSPITAL**  
 SPONSORED BY THE WHEATON FRANCISCAN SISTERS

# RUSH OAK PARK HOSPITAL EMERGENCY DEPARTMENT ADDITION

520 SOUTH MAPLE AVENUE  
 OAK PARK, IL 60304

ZONING SUBMITTAL

Oak Park ZONING CODE ANALYSIS

Adopted: February 4, 2002 amended through Feb. 16, 2016  
 Reformatted: May 2012

Facility is located in an (H) Hospital Zone  
 Bulk Regulations:

FAT:  
 Maximum 4  
 Actual 1.42  
 Existing Hospital and MAB  
 450,865 sf  
 We are removing the MAB with floor area of  
 -64, 556 sf  
 and adding the ED with a floor area of  
 55, 134 sf  
 Total area for FAR = 441, 443 sf

Height:  
 Maximum 125'  
 Actual ~106'  
 ED Addition 33'-9" high

Lot Coverage:  
 Lot Area: 310,931 sf  
 Maximum 80% = 248,745 sf  
 Existing coverage 181,507  
 MAB 17,848 sf to be demolished  
 New ED 27,631 sf increase coverage by 9,783 sf  
 Total Coverage 191,290 (61.52%)

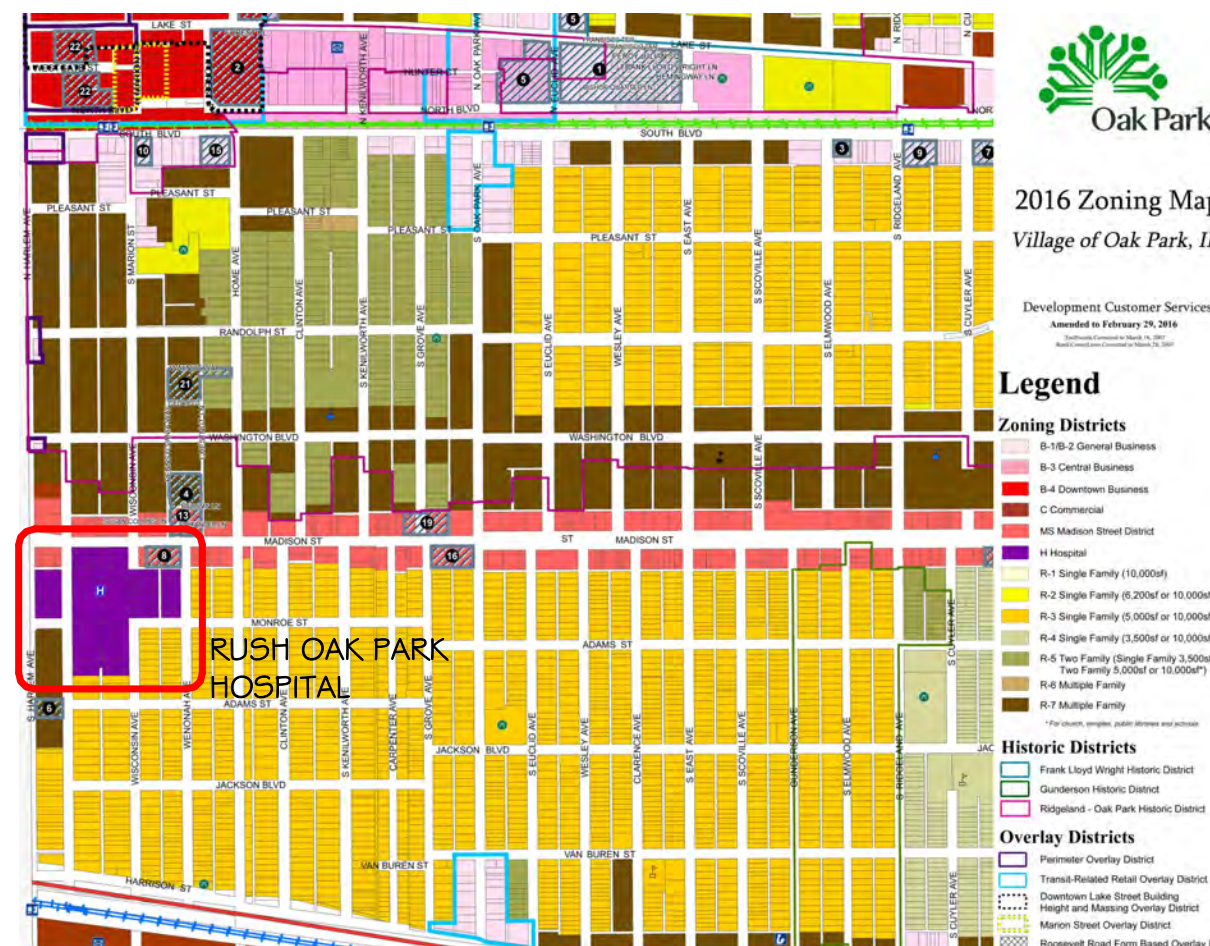
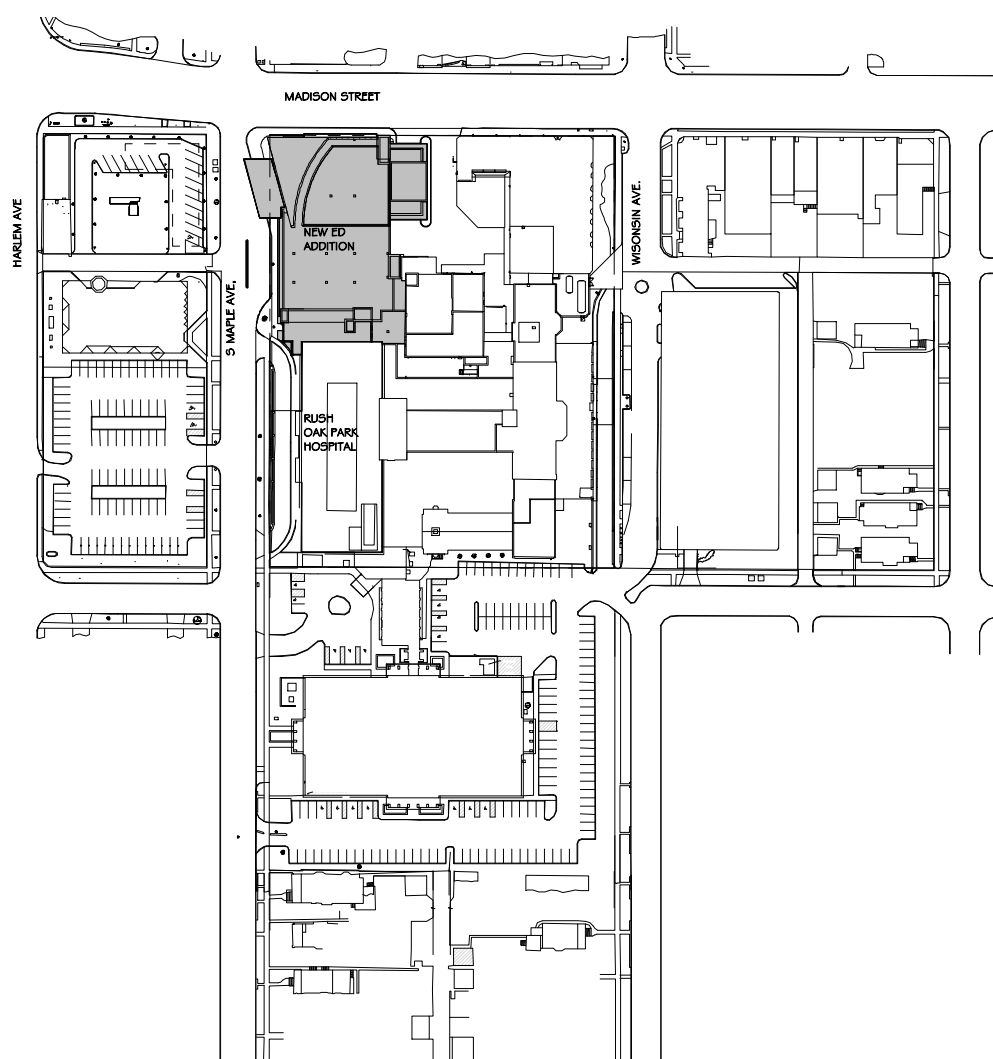
Required Yards:  
 None to 20-30'  
 Actual  
 None to 11'-4"

Parking  
 1 space per 2.5 Hospital beds  
 237/2.5 = 95 spaces required  
 Actual  
 718  
 29 hcpd.  
 747 total

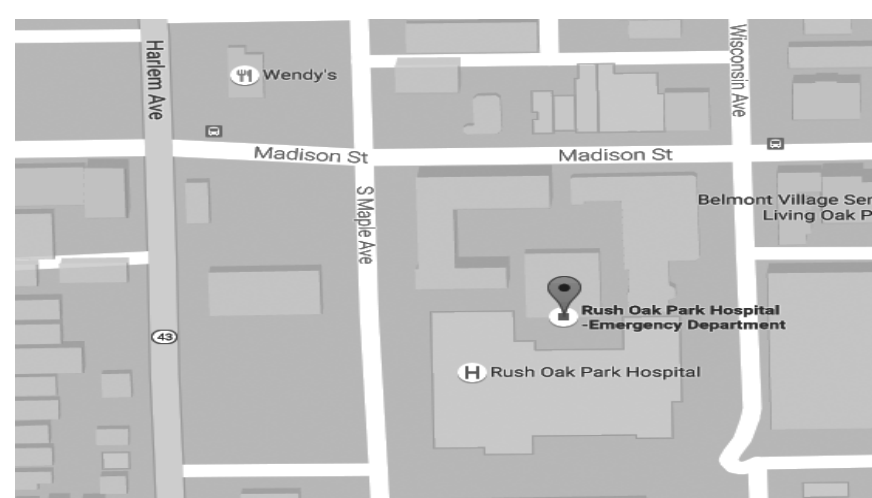
Loading:  
 Minimum 2 berths  
 Actual  
 4+

SHEET INDEX

- G1-0 COVER SHEET
- CIVIL DRAWINGS**
- C0-0 CIVIL ENGINEERING COVER SHEET
- C0-1 NOTES
- C1-0 SITE DEMOLITION PLAN
- C2-0 SITE GEOMETRY PLAN
- C3-0 SITE UTILITY PLAN
- C4-0 SITE GRADING AND PAVING PLAN
- C5-0 SOIL EROSION AND SEDIMENT CONTROL PLAN
- C6-0 SITE WORK DETAILS
- C6-1 SITE WORK DETAILS
- C7-0 DETENTION VAULT DETAILS
- C7-1 DETENTION DETAILS
- LANDSCAPE DRAWINGS**
- L1-0 LANDSCAPE PLAN
- L1-1 LANDSCAPE DETAILS
- ARCHITECTURAL DRAWINGS**
- A1-1 CURRENT ZONING MAP
- A1-1A PROPOSED ZONING MAP
- A1-2 PROPERTY VARIANCE PLAN
- A1-3 SITE PLAN - PRESENT USE
- A1-4 SITE PLAN - PROPOSED USE
- A1-5 LOWER LEVEL PLAN - ED
- A1-6 GROUND LEVEL PLAN - ED
- A1-7 SECOND LEVEL PLAN - ED & PENTHOUSE
- A1-8 EXTERIOR ELEVATIONS
- A1-9 EXTERIOR ELEVATIONS & DETAILS
- A1-10 SIGN
- A1-11 PERSPECTIVES
- ELECTRICAL DRAWINGS**
- E1-1-ED-0 ROPH - EXTERIOR LIGHTING CALCULATIONS



OAK PARK ZONING MAP



LOCATION MAP

3/2017	ISSUED FOR ZONING	
DATE	NO.	DESCRIPTION

## Anderson Mikos Architects Ltd.

"Architecture through Listening"®  
 One Parkview Plaza  
 17W110 22nd Street, Suite 200  
 Oakbrook Terrace, Illinois 60181  
 Tel. 630 - 573 - 5149  
 Fax 630 - 573 - 5176



EXHIBIT

DESIGN FIRM REGISTRATION  
 NUMBER 184-000342

STATEMENT OF COMPLIANCE

I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractual obligation, they are in compliance with all applicable building codes and ordinances, and with the provisions of the Illinois Environmental Barriers Act and the standards promulgated thereunder.

Signed: \_\_\_\_\_  
 DAVID E. MIKOS  
 001-009835  
 ILLINOIS REGISTRATION NO 001-009835  
 License Expires 11/2018  
 Date: 03/20/2017

## 20. SITE PLAN



One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

**RUSH OAK PARK HOSPITAL**  
SPONSORED BY THE WHEATON FRANCISCAN SISTERS

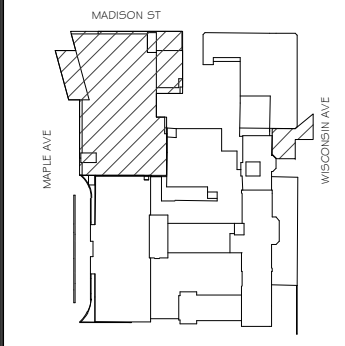
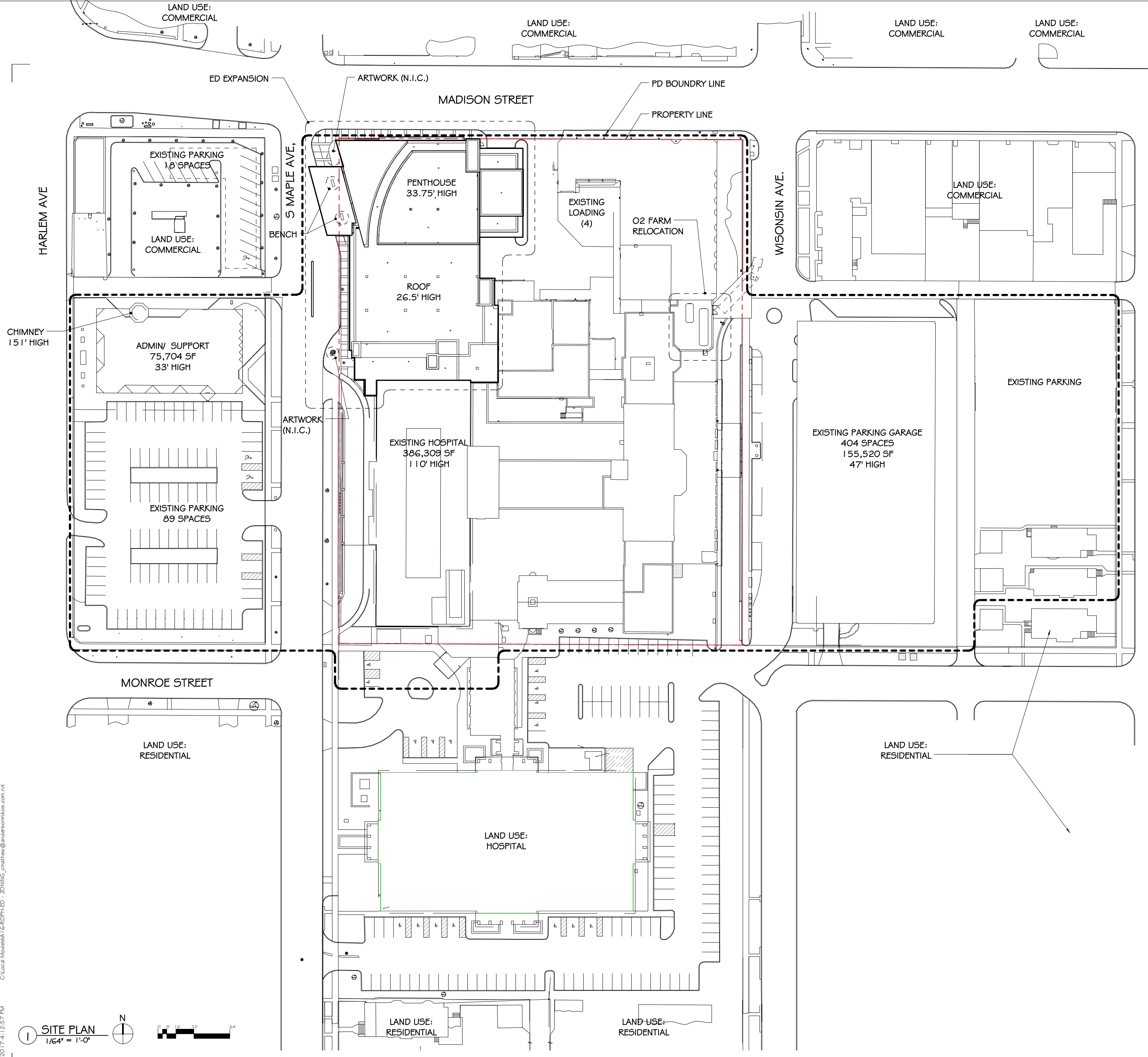
RUSH OAK PARK HOSPITAL  
EMERGENCY DEPARTMENT  
ADDITION  
520 SOUTH MAPLE AVENUE  
OAK PARK, IL 60304

**IMEG**  
1100 WARRENVILLE ROAD, SUITE 400W  
NAPERVILLE, ILLINOIS 60563  
630.527.2300 FAX: 630.527.2321  
www.imeg.com

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**

**KLOA**  
Kentel, Lindgren, O'Hara, Aboona, Inc.

**LEGEND**  
- - - - - PROPERTY LINE  
- - - - - PD BOUNDRY LINE



KEY PLAN

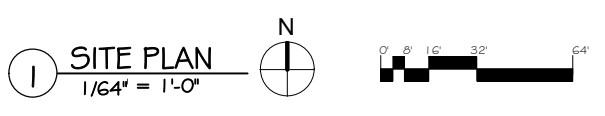
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03/2017 11/15/16	50% REVIEW ISSUED FOR DESIGN DEVELOPMENT	
DATE	NO.	DESCRIPTION
DATE: #####	SCALE: As indicated	
DRAWN: Author	JOB NO. 16250.00	
CHECKED: Checker		
APPROVED: DEM		



SITE PLAN - PRESENT USE

C:\Local Model\BAA1\G-ROPH-ED - ZONING\_ema@andersonmikos.com.rvt  
6/2/2017 4:12:57 PM



One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

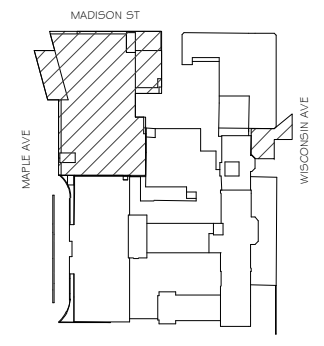
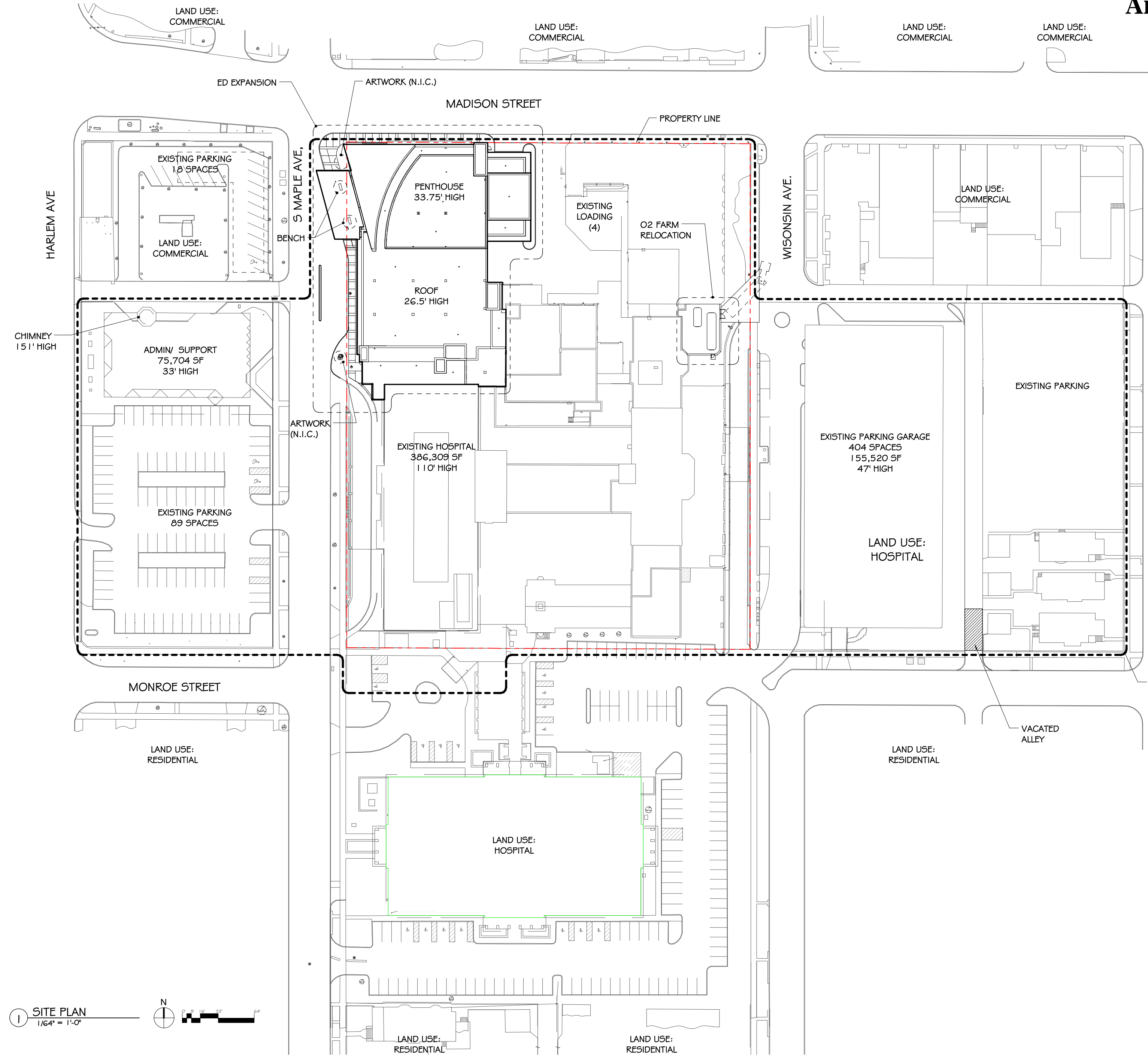
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RUSH OAK PARK HOSPITAL  
EMERGENCY DEPARTMENT  
ADDITION  
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OAK PARK, IL 60304  
708 - 660 - 6660

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1100 WARRENVILLE ROAD, SUITE 400W  
NAPERVILLE, ILLINOIS 60563  
630.527.2300 FAX: 630.527.2321  
www.imeg.com

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**

**KLOA**  
Kentel, Lindgren, O'Hara, Abood, Inc.

**LEGEND**  
- - - - - PROPERTY LINE  
- - - - - PD BOUNDRY LINE



KEY PLAN

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DATE	NO.	DESCRIPTION
03/20/17	1	50% REVIEW ISSUED FOR DESIGN DEVELOPMENT
11/15/16		

DATE	NO.	SCALE	DESCRIPTION
#####		As indicated	

DRAWN	AUTHOR	JOB NO.	SCALE
		16250.00	

CHECKED: Checker  
APPROVED: DEM



SITE PLAN - PROPOSED USE

EXHIBIT

**SITE PLAN**  
1/64" = 1'-0"

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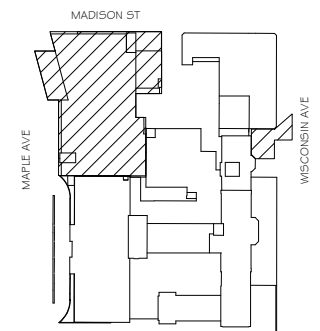
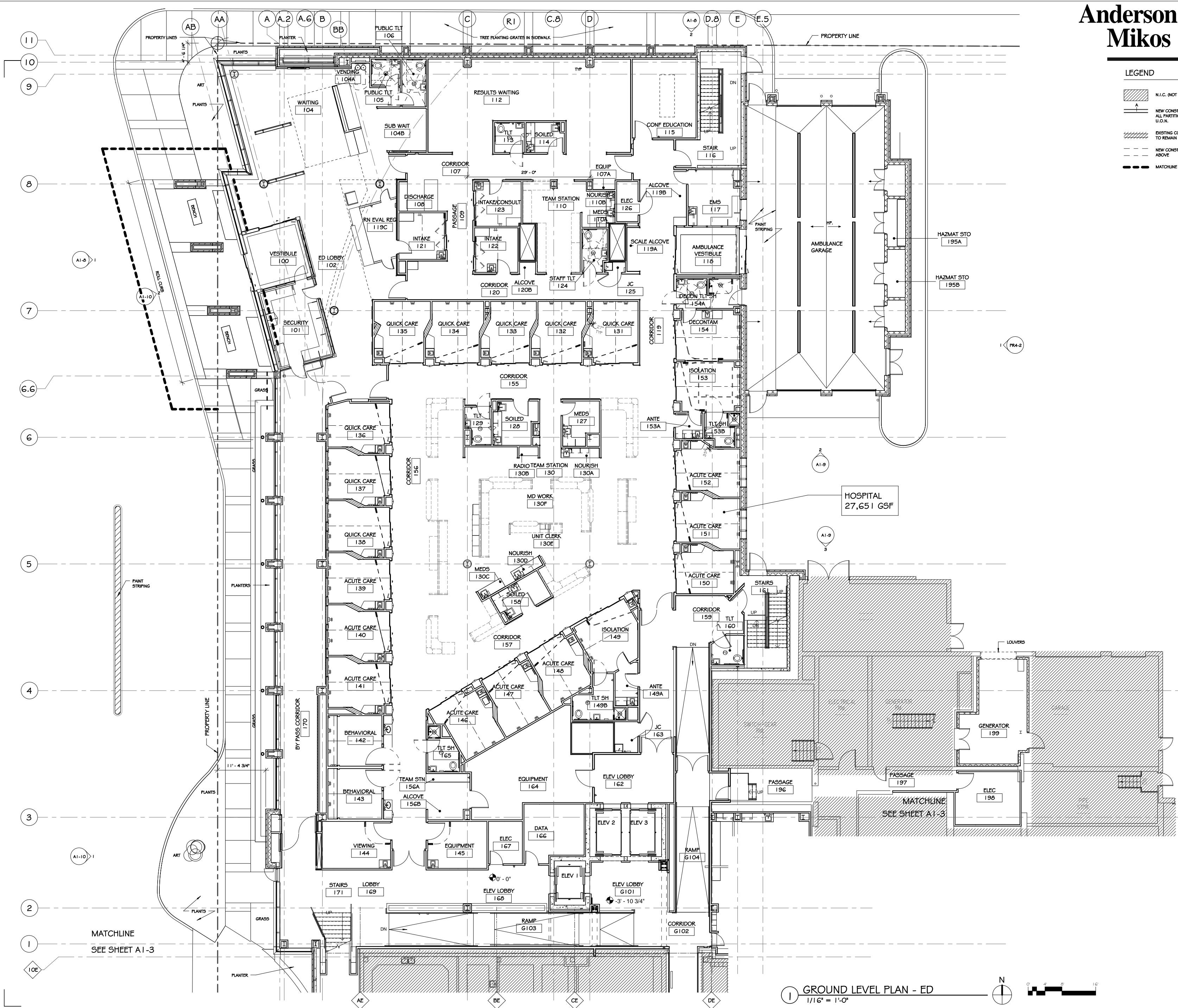


1100 WARRENVILLE ROAD, SUITE 800W  
NAPERVILLE, ILLINOIS 60563  
630-577-2350 FAX: 630-527-2351  
WWW.IMEG.COM



Kentel, Lindgren, O'Hara, Abouma, Inc.

- LEGEND**
- N.I.C. (NOT IN CONTRACT)
  - NEW CONSTRUCTION ALL PARTITIONS TYPE 'M' U.O.N.
  - EXISTING CONSTRUCTION TO REMAIN
  - NEW CONSTRUCTION ABOVE
  - MATCHLINE



KEY PLAN

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03/2017	50% REVIEW	
11/15/16	ISSUED FOR DESIGN DEVELOPMENT	
DATE	NO.	DESCRIPTION
DATE: #/##/##	SCALE: As indicated	
DRAWN: IQ	JOB NO.: 16250.00	
CHECKED: MUHVADK		
APPROVED: DEM		

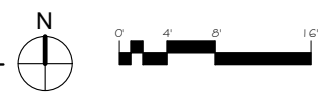


GROUND LEVEL PLAN - ED

EXHIBIT

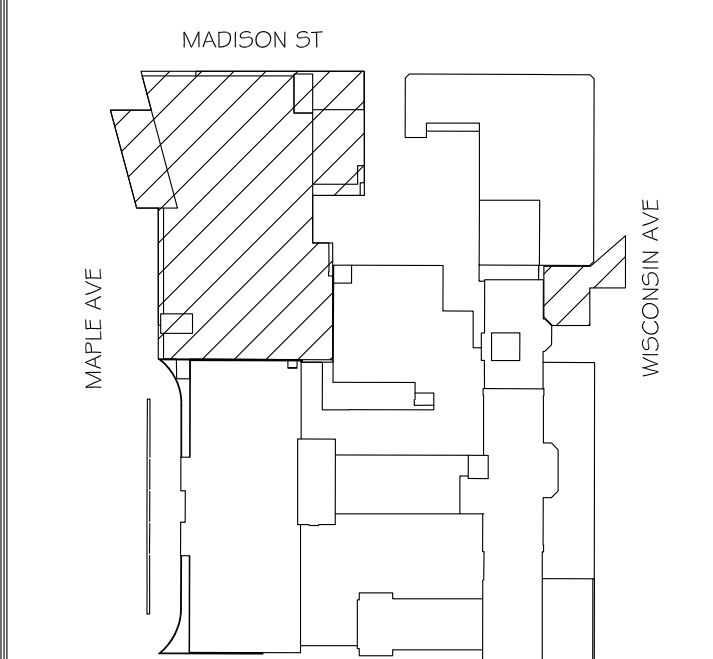
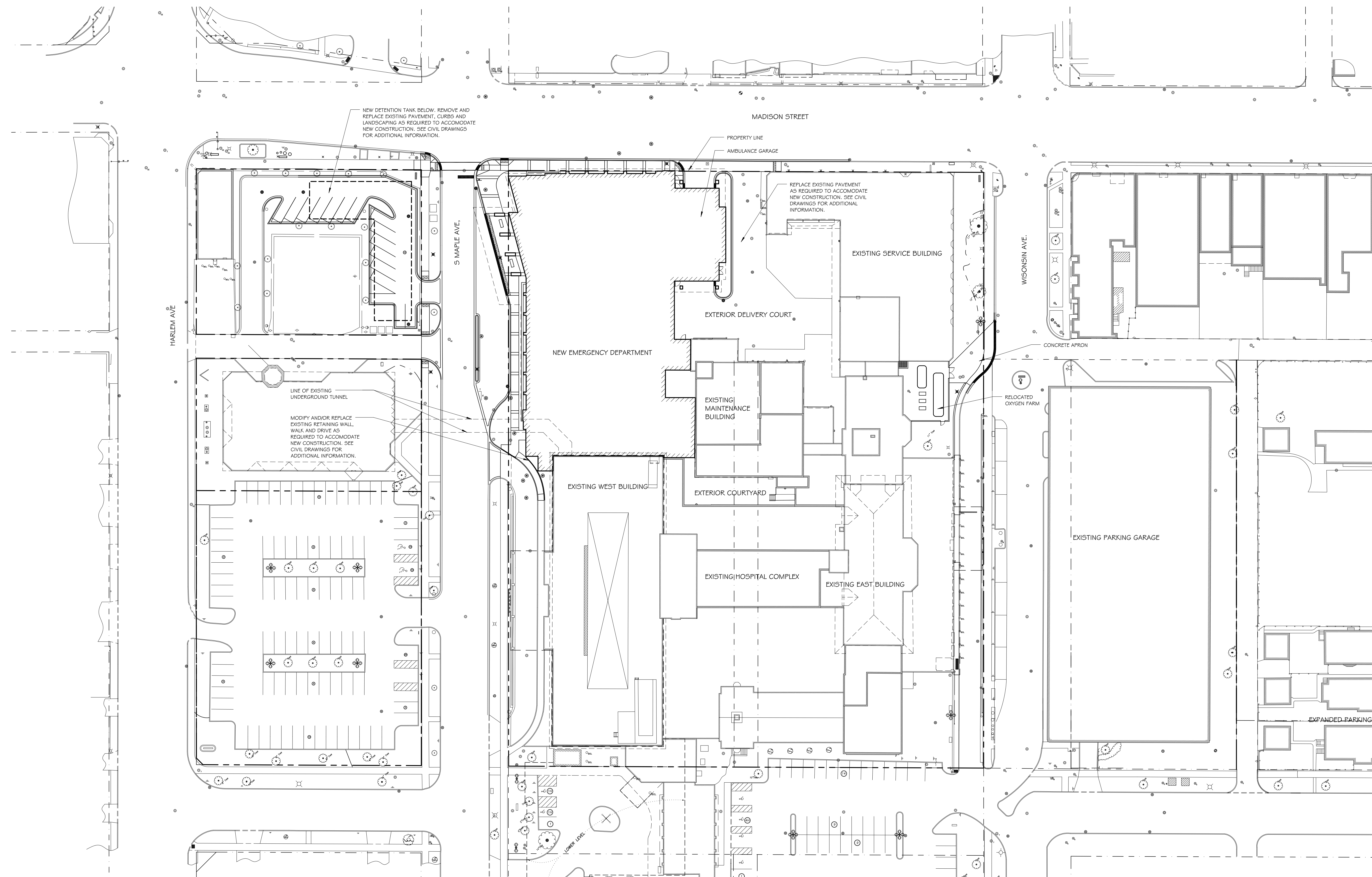
A1-6

GROUND LEVEL PLAN - ED  
1/16" = 1'-0"



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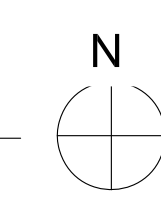


KEY PLAN

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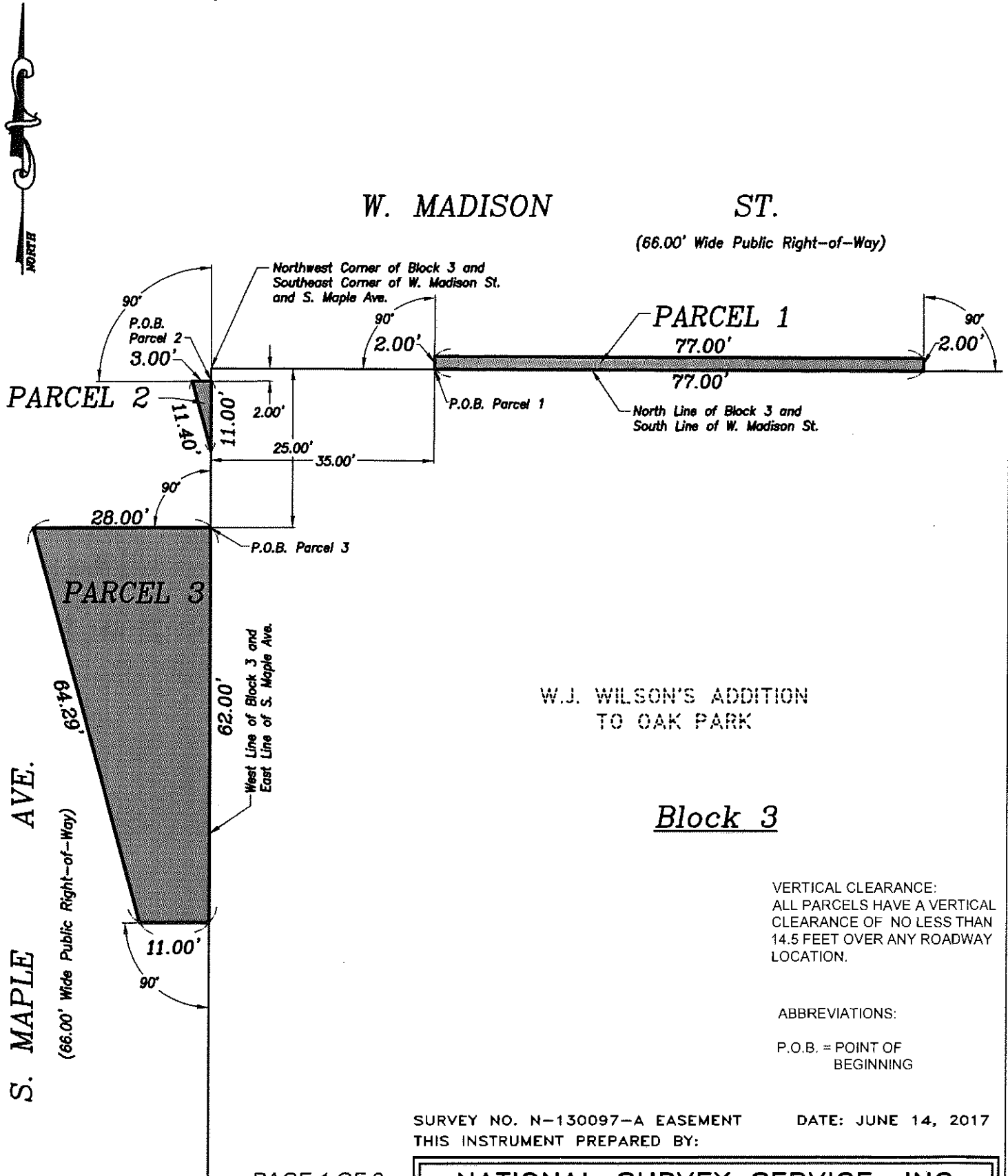
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11/15/16	ISSUED FOR DESIGN DEVELOPMENT	
DATE	NO.	DESCRIPTION
DATE: 06/11/16	SCALE: 1/32" = 1'-0"	
DRAWN: CM	JOB NO. 16250.00	
CHECKED: MJH		
APPROVED: DEM		

SITE PLAN





# PLAT OF EASEMENT FOR BUILDING CANOPY



(66.00' Wide Public Right-of-Way)

W. MADISON ST.

ST.

PARCEL 1

77.00'

77.00'

North Line of Block 3 and South Line of W. Madison St.

PARCEL 2

90°

P.O.B. Parcel 2

3.00'

11.40'

11.00'

2.00'

25.00'

35.00'

28.00'

90°

P.O.B. Parcel 3

62.00'

62.29'

64.29'

11.00'

90°

West Line of Block 3 and East Line of S. Maple Ave.

62.00'

62.29'

64.29'

11.00'

90°

P.O.B. Parcel 3

62.00'

62.29'

64.29'

11.00'

90°

P.O.B. Parcel 3

62.00'

62.29'

64.29'

11.00'

90°

P.O.B. Parcel 3

62.00'

62.29'

64.29'

11.00'

90°

P.O.B. Parcel 3

62.00'

62.29'

64.29'

11.00'

90°

W.J. WILSON'S ADDITION TO OAK PARK

Block 3

VERTICAL CLEARANCE:  
ALL PARCELS HAVE A VERTICAL CLEARANCE OF NO LESS THAN 14.5 FEET OVER ANY ROADWAY LOCATION.

ABBREVIATIONS:

P.O.B. = POINT OF BEGINNING

SURVEY NO. N-130097-A EASEMENT  
THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

PAGE 1 OF 2

PREPARED FOR: RUSH UNIVERSITY MEDICAL CENTER  
KNOWN AS: 520 S. MAPLE AVE., OAK PARK, IL.

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SCALE: 1"=20'

**NATIONAL SURVEY SERVICE, INC.**  
**PROFESSIONAL LAND SURVEYORS**  
 30 S. MICHIGAN AVENUE, SUITE 200 CHICAGO, ILLINOIS 60603  
 TEL: 312-630-9480 [jjlima@nationalsurveyservice.com](mailto:jjlima@nationalsurveyservice.com) FAX: 312-630-9484

# PLAT OF EASEMENT FOR BUILDING CANOPY

## BUILDING CANOPY EASEMENT:

### PARCEL 1

THAT PART OF WEST MADISON STREET, HAVING AS A LOWER LIMIT THE TOP OF A VERTICAL CLEARANCE OF NO LESS THAN 14.5 FEET OVER ANY ROADWAY LOCATION, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE SOUTH LINE OF SAID WEST MADISON STREET, SAID SOUTH LINE BEING ALSO THE NORTH LINE OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, 35.00 FEET EAST, AS MEASURED ALONG SAID SOUTH LINE, FROM THE SOUTHEAST CORNER OF SAID WEST MADISON STREET AND SOUTH MAPLE AVENUE, SAID SOUTHEAST CORNER BEING ALSO THE NORTHWEST CORNER OF BLOCK 3 AFORESAID, THENCE EAST, ALONG SAID SOUTH LINE, 77.00 FEET; THENCE NORTH, PERPENDICULAR TO SAID SOUTH LINE, 2.00 FEET; THENCE WEST, ALONG A LINE DRAWN PARALLEL WITH SAID SOUTH LINE, 77.00 FEET; THENCE SOUTH, PERPENDICULAR TO THE LAST DESCRIBED LINE, 2.00 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 154 SQUARE FEET OR 0.0035 ACRES

### PARCEL 2

THAT PART OF SOUTH MAPLE AVENUE, HAVING AS A LOWER LIMIT THE TOP OF A VERTICAL CLEARANCE OF NO LESS THAN 14.5 FEET OVER ANY ROADWAY LOCATION, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST LINE OF SAID SOUTH MAPLE AVENUE, SAID EAST LINE BEING ALSO THE WEST LINE OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, 2.00 FEET SOUTH, AS MEASURED ALONG SAID EAST LINE, FROM THE SOUTHEAST CORNER OF SAID SOUTH MAPLE AVENUE AND WEST MADISON STREET, SAID SOUTHEAST CORNER BEING ALSO THE NORTHWEST CORNER OF BLOCK 3 AFORESAID; THENCE SOUTH, ALONG SAID EAST LINE, 11.00 FEET; THENCE NORTHWESTERLY, 11.40 FEET TO A POINT 3.00 FEET WEST, AS MEASURED PERPENDICULARLY TO SAID EAST LINE; THENCE EAST, PERPENDICULAR TO SAID EAST LINE, 3.00 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 16 SQUARE FEET OR 0.0004 ACRES

### PARCEL 3

THAT PART OF SOUTH MAPLE AVENUE, HAVING AS A LOWER LIMIT THE TOP OF A VERTICAL CLEARANCE OF NO LESS THAN 14.5 FEET OVER ANY ROADWAY LOCATION, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST LINE OF SAID SOUTH MAPLE AVENUE, SAID EAST LINE BEING ALSO THE WEST LINE OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, 25.00 FEET SOUTH, AS MEASURED ALONG SAID EAST LINE, FROM THE SOUTHEAST CORNER OF SAID SOUTH MAPLE AVENUE AND WEST MADISON STREET, SAID SOUTHEAST CORNER BEING ALSO THE NORTHWEST CORNER OF BLOCK 3 AFORESAID; THENCE SOUTH, ALONG SAID EAST LINE, 62.00 FEET; THENCE WEST, PERPENDICULAR TO SAID EAST LINE, 11.00 FEET; THENCE NORTHWESTERLY 64.29 FEET TO A POINT 28.00 FEET WEST, AS MEASURED PERPENDICULARLY TO SAID EAST LINE; THENCE EAST, PERPENDICULAR TO SAID EAST LINE, 28.00 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 1,209 SQUARE FEET OR 0.0278 ACRES

SURVEY NO. N-130097-A EASEMENT  
THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

PAGE 2 OF 2

PREPARED FOR: RUSH UNIVERSITY MEDICAL CENTER  
KNOWN AS: 520 S. MAPLE AVE., OAK PARK, IL.

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**PROFESSIONAL LAND SURVEYORS**

30 S. MICHIGAN AVENUE, SUITE 200 CHICAGO, ILLINOIS 60603  
TEL: 312-630-9480 jlima@nationalsurveyservice.com, FAX: 312-630-9484

# PLAT OF EASEMENT FOR COLUMNS/SUPPORT

## W. MADISON ST.

(66.00' Wide Public Right-of-Way)

Northwest Corner of Block 3 and  
Southeast Corner of W. Madison St.  
and S. Maple Ave.

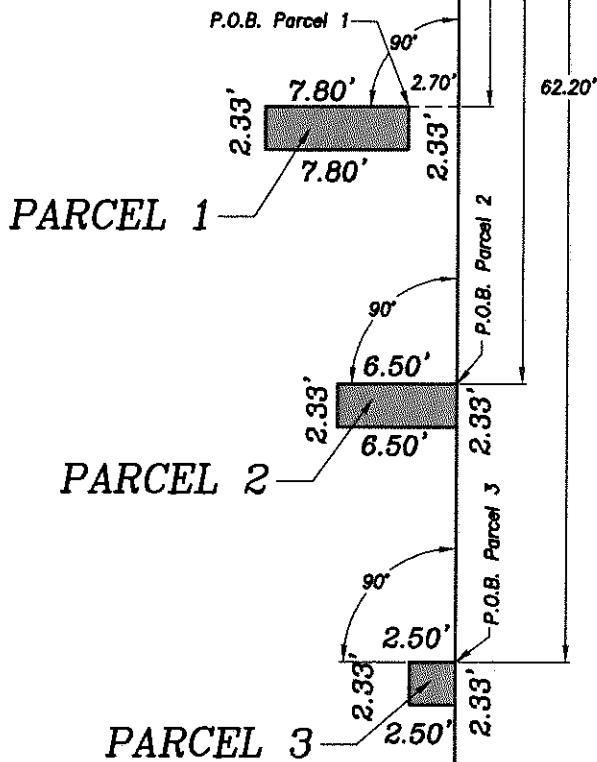
North Line of Block 3 and  
South Line of W. Madison St.

S. MAPLE AVE.  
(66.00' Wide Public Right-of-Way)

West Line of Block 3 and  
East Line of S. Maple Ave.

W.J. WILSON'S ADDITION  
TO OAK PARK

Block 3



ABBREVIATIONS:  
P.O.B. = POINT OF BEGINNING

SURVEY NO. N-130097-B EASEMENT  
THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

PAGE 1 OF 2

PREPARED FOR: RUSH UNIVERSITY MEDICAL CENTER  
KNOWN AS: 520 S. MAPLE AVE., OAK PARK, IL.

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SCALE: 1"=10'

**NATIONAL SURVEY SERVICE, INC.**  
**PROFESSIONAL LAND SURVEYORS**  
 30 S. MICHIGAN AVENUE, SUITE 200 CHICAGO, ILLINOIS 60603  
 TEL: 312-630-9480 [jlina@nationalsurveysevice.com](mailto:jlina@nationalsurveysevice.com) FAX: 312-630-9484



# PLAT OF EASEMENT FOR COLUMNS/SUPPORT

## COLUMNS/SUPPORT EASEMENT:

### PARCEL 1

THAT PART OF SOUTH MAPLE AVENUE, DESCRIBED AS FOLLOWS:  
 BEGINNING AT A POINT 32.20 FEET SOUTH AND 2.70 FEET WEST FROM THE SOUTHEAST CORNER OF SAID SOUTH MAPLE AVENUE AND WEST MADISON STREET, AS MEASURED ALONG THE EAST LINE OF SAID SOUTH MAPLE AVENUE AND PERPENDICULAR THERETO, SAID SOUTHEAST CORNER BEING ALSO THE NORTHWEST CORNER OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN; THENCE SOUTH, ALONG A LINE PARALLEL WITH SAID EAST LINE, 2.33 FEET; THENCE WEST, PERPENDICULAR TO SAID EAST LINE, 7.80 FEET; THENCE NORTH, ALONG A LINE PARALLEL WITH SAID EAST LINE, 2.33 FEET; THENCE EAST, PERPENDICULAR TO SAID EAST LINE, 7.80 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 18 SQUARE FEET OR 0.0004 ACRES

### PARCEL 2

THAT PART OF SOUTH MAPLE AVENUE, DESCRIBED AS FOLLOWS:  
 BEGINNING AT A POINT ON THE EAST LINE OF SAID SOUTH MAPLE AVENUE, SAID EAST LINE BEING ALSO THE WEST LINE OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, 47.20 FEET SOUTH, AS MEASURED ALONG SAID EAST LINE, FROM THE SOUTHEAST CORNER OF SAID SOUTH MAPLE AVENUE AND WEST MADISON STREET, SAID SOUTHEAST CORNER BEING ALSO THE NORTHWEST CORNER OF BLOCK 3 AFORESAID; THENCE SOUTH, ALONG SAID EAST LINE, 2.33 FEET; THENCE WEST, PERPENDICULAR TO SAID EAST LINE, 6.50 FEET; THENCE NORTH, ALONG A LINE PARALLEL WITH SAID EAST LINE, 2.33 FEET; THENCE EAST, PERPENDICULAR TO SAID EAST LINE, 6.50 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 15 SQUARE FEET OR 0.0003 ACRES

### PARCEL 3

THAT PART OF SOUTH MAPLE AVENUE, DESCRIBED AS FOLLOWS:  
 BEGINNING AT A POINT ON THE EAST LINE OF SAID SOUTH MAPLE AVENUE, SAID EAST LINE BEING ALSO THE WEST LINE OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, 62.20 FEET SOUTH, AS MEASURED ALONG SAID EAST LINE, FROM THE SOUTHEAST CORNER OF SAID SOUTH MAPLE AVENUE AND WEST MADISON STREET, SAID SOUTHEAST CORNER BEING ALSO THE NORTHWEST CORNER OF BLOCK 3 AFORESAID; THENCE SOUTH, ALONG SAID EAST LINE, 2.33 FEET; THENCE WEST, PERPENDICULAR TO SAID EAST LINE, 2.50 FEET; THENCE NORTH, ALONG A LINE PARALLEL WITH SAID EAST LINE, 2.33 FEET; THENCE EAST, PERPENDICULAR TO SAID EAST LINE, 2.50 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 6 SQUARE FEET OR 0.0001 ACRES

SURVEY NO. N-130097-B EASEMENT  
 THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

PAGE 2 OF 2

PREPARED FOR: RUSH UNIVERSITY MEDICAL CENTER  
 KNOWN AS: 520 S. MAPLE AVE., OAK PARK, IL.

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 TEL: 312-630-9480 [jjima@nationalsurveyservice.com](mailto:jjima@nationalsurveyservice.com) FAX: 312-630-9484

# PLAT OF EASEMENT FOR SHEET PILING

## SHEET PILING EASEMENT:

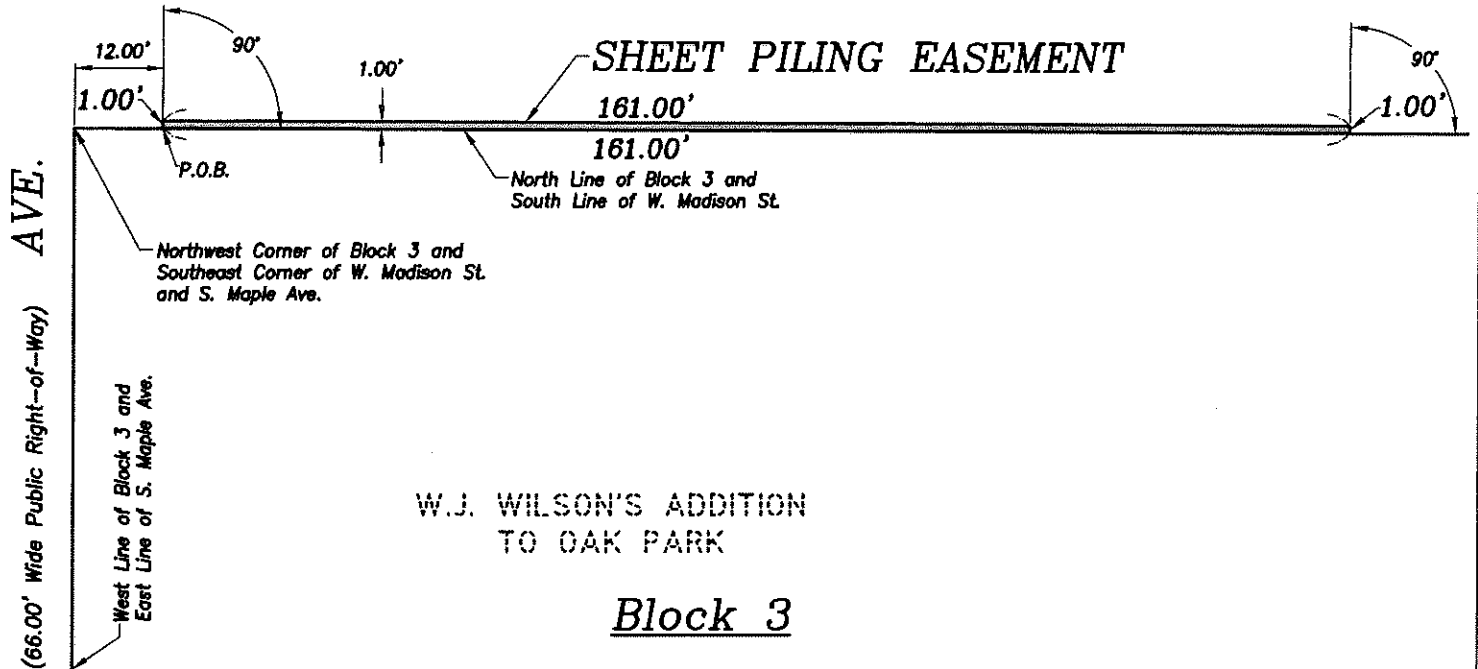
THAT PART OF WEST MADISON STREET, DESCRIBED AS FOLLOWS:  
 BEGINNING AT A POINT ON THE SOUTH LINE OF SAID WEST MADISON STREET, SAID SOUTH LINE BEING ALSO THE NORTH LINE OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, 12.00 FEET EAST, AS MEASURED ALONG SAID SOUTH LINE, FROM THE SOUTHEAST CORNER OF SAID WEST MADISON STREET AND SOUTH MAPLE AVENUE, SAID SOUTHEAST CORNER BEING ALSO THE NORTHWEST CORNER OF BLOCK 3 AFORESAID, THENCE EAST, ALONG SAID SOUTH LINE, 161.00 FEET; THENCE NORTH, PERPENDICULAR TO SAID SOUTH LINE, 1.00 FEET; THENCE WEST, ALONG A LINE DRAWN PARALLEL WITH SAID SOUTH LINE, 161.00 FEET; THENCE SOUTH, PERPENDICULAR TO SAID SOUTH LINE, 1.00 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 161 SQUARE FEET OR 0.0037 ACRES

(66.00' Wide Public Right-of-Way)

### W. MADISON ST.

### SHEET PILING EASEMENT



ABBREVIATIONS:

P.O.B. = POINT OF BEGINNING

SURVEY NO. N-130097-C EASEMENT  
THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

PREPARED FOR: RUSH UNIVERSITY MEDICAL CENTER  
KNOWN AS: 520 S. MAPLE AVE., OAK PARK, IL.

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SCALE: 1"=25'

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 TEL: 312-630-9480 jlima@nationalsurveyservice.com FAX: 312-630-9484

PLAT OF EASEMENT FOR SEWER

(66.00' Wide Public Right-of-Way)

W. MADISON ST.

Northwest Corner of Block 3 and  
Southeast Corner of W. Madison St.  
and S. Maple Ave.

Block 4

W.J. WILSON'S ADDITION  
TO OAK PARK

East Line of Block 4 and  
West Line of S. Maple Ave.

AVE.

(66.00' Wide Public Right-of-Way)

SEWER EASEMENT

S. MAPLE

W.J. WILSON'S ADDITION  
TO OAK PARK

Block 3

POINT OF  
BEGINNING

PAGE 1 OF 2

SCALE: 1"=30'

SURVEY NO. N-130097-D EASEMENT  
THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

PREPARED FOR:  
RUSH UNIVERSITY MEDICAL CENTER  
KNOWN AS: 520 S. MAPLE AVE.,  
OAK PARK, IL.

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# PLAT OF EASEMENT FOR SEWER

## PRIVATE SEWER MAIN EASEMENT:

THAT PART OF SOUTH MAPLE AVENUE AND WEST MADISON STREET,  
DESCRIBED AS FOLLOWS:  
BEGINNING AT A POINT ON THE EAST LINE OF SAID SOUTH MAPLE AVENUE,  
SAID EAST LINE BEING ALSO THE WEST LINE OF BLOCK 3 IN W. J. WILSON'S  
ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST  
40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE  
WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39  
NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, 111.00 FEET  
SOUTH, AS MEASURED ALONG SAID EAST LINE, FROM THE SOUTHEAST  
CORNER OF SAID SOUTH MAPLE AVENUE AND WEST MADISON STREET, SAID  
SOUTHEAST CORNER BEING ALSO THE NORTHWEST CORNER OF BLOCK 3  
AFORESAID; THENCE WEST, PERPENDICULAR TO SAID EAST LINE, 10.00  
FEET; THENCE NORTH, ALONG A LINE DRAWN 12.00 FEET WEST AND  
PARALLEL WITH SAID EAST LINE, 172.00 FEET; THENCE WEST,  
PERPENDICULAR TO SAID EAST LINE, 12.00 FEET; THENCE SOUTH, ALONG A  
LINE DRAWN PARALLEL WITH SAID EAST LINE, 172.00 FEET; THENCE WEST,  
PERPENDICULAR TO SAID EAST LINE, 43.83 FEET TO A POINT ON THE WEST  
LINE OF SAID SOUTH MAPLE AVENUE, THENCE SOUTH, ALONG SAID WEST  
LINE, 10.00 FEET; THENCE EAST, PERPENDICULAR TO THE EAST LINE OF  
SAID MAPLE AVENUE, 43.83 FEET; THENCE SOUTH, ALONG A LINE DRAWN  
PARALLEL WITH SAID EAST LINE, 52.00 FEET; THENCE SOUTHEASTERLY, AT  
DEFLECTION ANGLE OF 33 DEGREES TO THE LEFT FROM THE LAST  
DESCRIBED LINE, 11.00 FEET; THENCE SOUTH, ALONG A LINE DRAWN  
PARALLEL WITH SAID EAST LINE, 22.00 FEET; THENCE SOUTHEASTERLY, AT  
DEFLECTION ANGLE OF 29 DEGREES TO THE LEFT FROM THE LAST  
DESCRIBED LINE, 33.02 FEET TO A POINT ON THE EAST LINE OF SAID SOUTH  
MAPLE AVENUE; THENCE NORTH, ALONG SAID EAST LINE, 20.63 FEET;  
THENCE NORTHWESTERLY AT DEFLECTION ANGLE OF 29 DEGREES TO THE  
LEFT FROM THE LAST DESCRIBED LINE, 12.39 FEET; THENCE NORTH, ALONG  
A LINE DRAWN PARALLEL WITH SAID EAST LINE, 22.41 FEET; THENCE  
NORTHWESTERLY, AT DEFLECTION ANGLE OF 33 DEGREES TO THE LEFT  
FROM THE LAST DESCRIBED LINE, 11.00 FEET; THENCE NORTH, ALONG A  
LINE DRAWN 12.00 FEET WEST AND PARALLEL WITH SAID EAST LINE, 49.00  
FEET; THENCE EAST, PERPENDICULAR TO SAID EAST LINE, 12.00 FEET TO A  
POINT ON THE EAST LINE OF SAID MAPLE AVENUE; THENCE NORTH, ALONG  
SAID EAST LINE, 10.00 FEET TO THE HEREINABOVE DESIGNATED POINT OF  
BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 3443 SQUARE FEET OR 0.0790 ACRES

SURVEY NO. N-130097-D EASEMENT  
THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

PAGE 2 OF 2

PREPARED FOR: RUSH UNIVERSITY MEDICAL CENTER  
KNOWN AS: 520 S. MAPLE AVE., OAK PARK, IL.

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EXHIBIT "E"

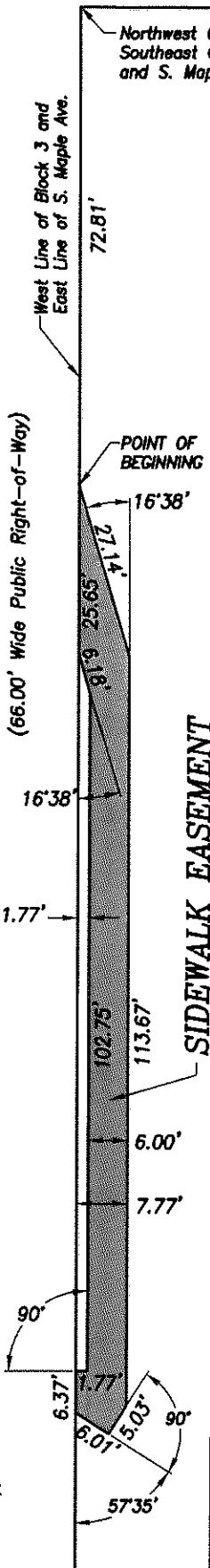
PLAT OF EASEMENT FOR SIDEWALK

(66.00' Wide Public Right-of-Way)

W. MADISON ST.



S. MAPLE AVE.



Northwest Corner of Block 3 and Southeast Corner of W. Madison St. and S. Maple Ave.

SIDEWALK EASEMENT:

THAT PART OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:  
 BEGINNING AT A POINT ON THE WEST LINE OF SAID BLOCK 3, SAID WEST LINE BEING ALSO THE EAST LINE OF SOUTH MAPLE AVENUE, 72.81 FEET SOUTH, AS MEASURED ALONG SAID WEST LINE, FROM THE THE NORTHWEST CORNER OF BLOCK 3 AFORESAID, SAID NORTHWEST CORNER BEING ALSO THE SOUTHEAST CORNER OF SAID SOUTH MAPLE AVENUE AND WEST MADISON STREET; THENCE CONTINUING SOUTH, ALONG SAID WEST LINE OF BLOCK 3, A DISTANCE OF 25.65 FEET; THENCE SOUTHEASTERLY, AT DEFLECTION ANGLE OF 16 DEGREES 38 MINUTES TO THE LEFT FROM THE LAST DESCRIBED LINE, 6.18 FEET TO A LINE DRAWN 1.77 FEET EAST AND PARALLEL WITH SAID WEST LINE; THENCE SOUTH, ALONG SAID PARALLEL LINE, 102.75 FEET; THENCE WEST, PERPENDICULAR TO SAID WEST LINE, 1.77 FEET TO A POINT ON SAID WEST LINE; THENCE SOUTH, ALONG SAID WEST LINE, 6.37 FEET; THENCE SOUTHEASTERLY, AT DEFLECTION ANGLE OF 57 DEGREES 35 MINUTES TO THE LEFT FROM THE LAST DESCRIBED LINE, 6.01 FEET; THENCE NORTHEASTERLY, PERPENDICULAR TO THE LAST DESCRIBED LINE, 5.03 TO A LINE DRAWN 7.77 FEET EAST AND PARALLEL WITH SAID WEST LINE OF BLOCK 3 AFORESAID; THENCE NORTH, ALONG SAID PARALLEL LINE, 113.67 FEET; THENCE NORTHWESTERLY, AT DEFLECTION ANGLE OF 16 DEGREES 38 MINUTES TO THE LEFT FROM THE LAST DESCRIBED LINE, 27.14 FEET TO THE HEREINABOVE DESIGNATED POINT OF BEGINNING, IN COOK COUNTY, ILLINOIS.

AREA: 816 SQUARE FEET OR 0.0187 ACRES

W.J. WILSON'S ADDITION TO OAK PARK

Block 3

SCALE: 1"=25'

PREPARED FOR:  
 RUSH UNIVERSITY MEDICAL CENTER  
 KNOWN AS: 520 S. MAPLE AVE.,  
 OAK PARK, IL.

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SURVEY NO. N-130097-E EASEMENT  
 THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

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EXHIBIT "F"

PLAT OF EASEMENT FOR UNDERGROUND TUNNEL

(66.00' Wide Public Right-of-Way)

W. MADISON ST.

Northwest Corner of Block 3 and  
Southeast Corner of W. Madison St.  
and S. Maple Ave.

TUNNEL EASEMENT:

A STRIP OF LAND, 10.00 FEET WIDE, BEING THAT PART OF SOUTH MAPLE AVENUE LYING SOUTH OF AND ADJOINING A LINE DRAWN PERPENDICULAR TO THE EAST LINE OF SAID SOUTH MAPLE AVENUE, SAID EAST LINE BEING ALSO THE WEST LINE OF BLOCK 3 IN W. J. WILSON'S ADDITION TO OAK PARK, BEING A SUBDIVISION OF LOT 1 (EXCEPT THE EAST 40 ACRES THEREOF) IN THE SUBDIVISION OF SECTION 18 (EXCEPT THE WEST HALF OF THE SOUTH WEST QUARTER THEREOF), TOWNSHIP 39 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, 185.34 FEET SOUTH, AS MEASURED ALONG SAID EAST LINE, FROM THE NORTHWEST CORNER OF SAID BLOCK 3, SAID NORTHWEST CORNER BEING ALSO THE SOUTHEAST CORNER OF SAID SOUTH MAPLE AVENUE AND WEST MADISON STREET, IN COOK COUNTY, ILLINOIS.

AREA: 658 SQUARE FEET OR 0.0151 ACRES

W.J. WILSON'S ADDITION  
TO OAK PARK

Block 3

Block 4

East Line of Block 4 and  
West Line of S. Maple Ave.

185.59'

AVE.

S. MAPLE

(66.00' Wide Public Right-of-Way)

185.34'

West Line of Block 3 and  
East Line of S. Maple Ave.

W.J. WILSON'S ADDITION  
TO OAK PARK

90°

65.83'

10.00' TUNNEL EASEMENT 10.00'

65.83'



SCALE: 1"=30'

SURVEY NO. N-130097-F EASEMENT  
THIS INSTRUMENT PREPARED BY:

DATE: JUNE 14, 2017

PREPARED FOR:  
RUSH UNIVERSITY MEDICAL CENTER  
KNOWN AS: 520 S. MAPLE AVE.,  
OAK PARK, IL.

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## 21. LANDSCAPE PLAN

July 6, 2017

Village of Oak Park

Re: Rush Oak Park Hospital – Site Utilities Enabling Package

To Craig Failor:

Thank you for your comments. Our *responses* follow a summary of each of your comments:



**Tab 21 Landscape Plan:**

- 37. Remove 5 trees and grates from Madison frontage.  
*The proposed trees and grates from Madison have been removed.*
- 39. Show replacement tree on west side of Maple where dead tree was removed (2<sup>nd</sup> tree north of alley).  
*A new tree is now being shown on the Landscaping Plans.*
- 40. Revise plan to match civil plans based on comments for civil sheets.  
*The landscape plans have been updated accordingly.*
- 41. Provide maintenance agreement for landscaping in ROW.  
*It is the understanding of EEA that a maintenance agreement would be required if trees along the Madison frontage remained in the scope of work. Trees along Madison have been removed from the scope.*
- 42. Will landscaping beds be irrigated.  
*Automated Irrigation for the proposed landscaping beds is not currently in the scope of work, a hose bib shall be placed on the outside of the building to facilitate manual irrigation when needed.*

**Tab 27 Preliminary Engineering Plan:**

- 48. Dimension location of island relative to existing curbs (east and west) on Maple.  
*Dimensions have been added to Sheet C2-0 (back of curb to back of curb). The dimension to from the west face of the median to the west and east curb line is 26.9 LF and 10.5 LF respectively.*
- 49. Either revise curb taper length of add note that curb taper design will be finalized with final building plans. Revised taper slope is not adequate at 4:1, use engineering standards which will be at least double this length for a condition approaching a stop and longer for moving traffic.  
*The taper has been revised to include bump-out at the existing hospital drive apron, which transitions to existing on-street parking. The taper will result in a 4.5' curb taper over a length of 84 LF, resulting in a ratio that exceeds 18:1.*
- 56. Revise label to show Mill and overlay shall be 2.75" to allow for ¾" leveling binder and 2" HMA surface course.  
*Sheet C4-0 has been revised accordingly.*
- 58. Show replacing existing signage on Madison and Maple being removed with this project or add note that it will be shown on final building plans. New sign posts shall be Village's standard green powder coated telescoping steel sign supports.  
*The Note on Sheet C0-1 has been revised accordingly.*



59. Replace alley return on Maple using 9" pcc pavement with minimum 4" aggregate subbase, not asphalt.  
*The pavement for the alley return has been revised to be concrete.*
66. Move inspection manhole #101 between curb and main public sidewalk area on Madison by ambulance entrance (not on street).  
*MH #101 has been relocated to the sidewalk.*
67. Add note that proposed street lighting work for removals, proposed conduits and wiring will be shown with final building permit drawings.  
*This work is being done by others. A note has been added to Sheet C3-0 stating that this work shall be shown for coordination purposes for the final building permit.*

**New Comments from resubmittal:**

1. Proposed cul-de-sac will result in loss of two (2) Village parkway trees. Upon resubmittal the Village Forestry Supervisor will review and comment. These trees will need to be compensated for. Please contact Rob Sproule at 708/358-5740.  
*Acknowledged. The cul-de-sac is now being shown in the tree preservation plan, with a preliminary estimate of one tree loss (the cul-de-sac can be shifted to allow more room for the existing trees if needed). Once it is determined if the cul-de-sac will be a part of this project scope a more detailed plan shall be created and the loss of trees will be compensated.*

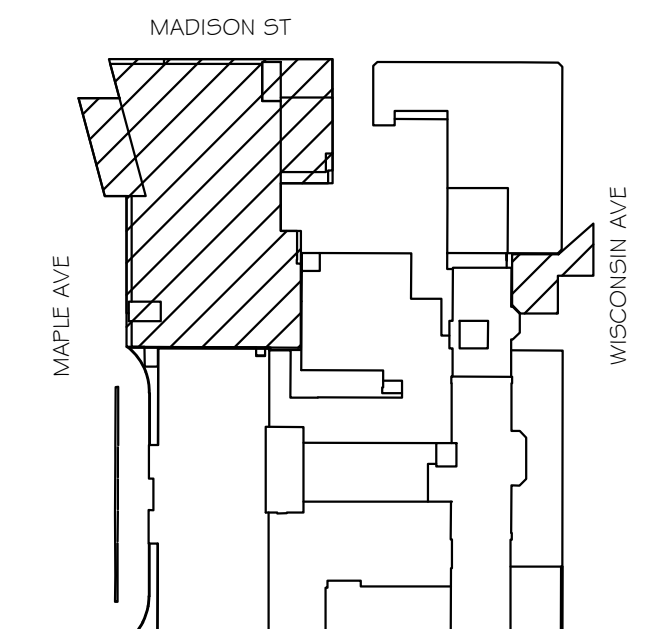
Very truly yours,

Eriksson Engineering Associates, Ltd.



Christopher Fish, PE  
Project Engineer





KEY PLAN

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07/05/17	ZONING COMMENTS
06/05/17	ZONING COMMENTS
05/01/17	ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17	ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17	ISSUED FOR ZONING
11/19/16	ISSUED FOR DESIGN DEVELOPMENT

DATE NO. DESCRIPTION

DATE: 11/19/16 SCALE: 1" = 20'

DRAWN: 556 JOB NO. 16250.00

CHECKED: TH

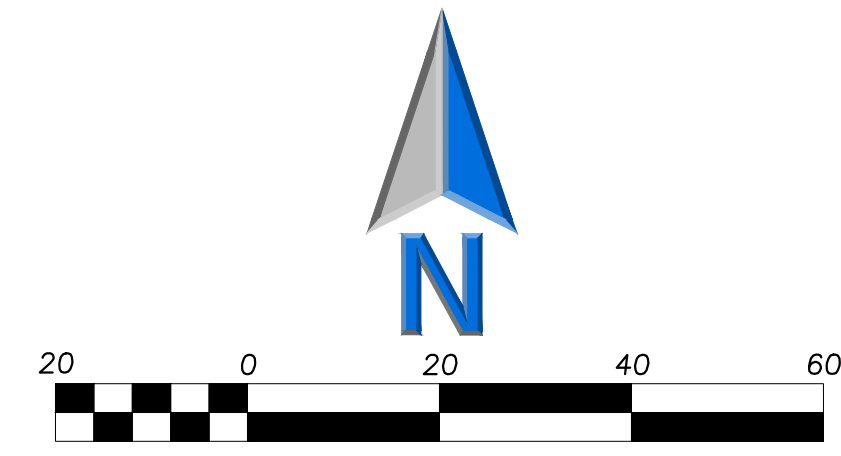
APPROVED:



EXPIRES: 08/31/2019

LANDSCAPE PLAN

LI-0

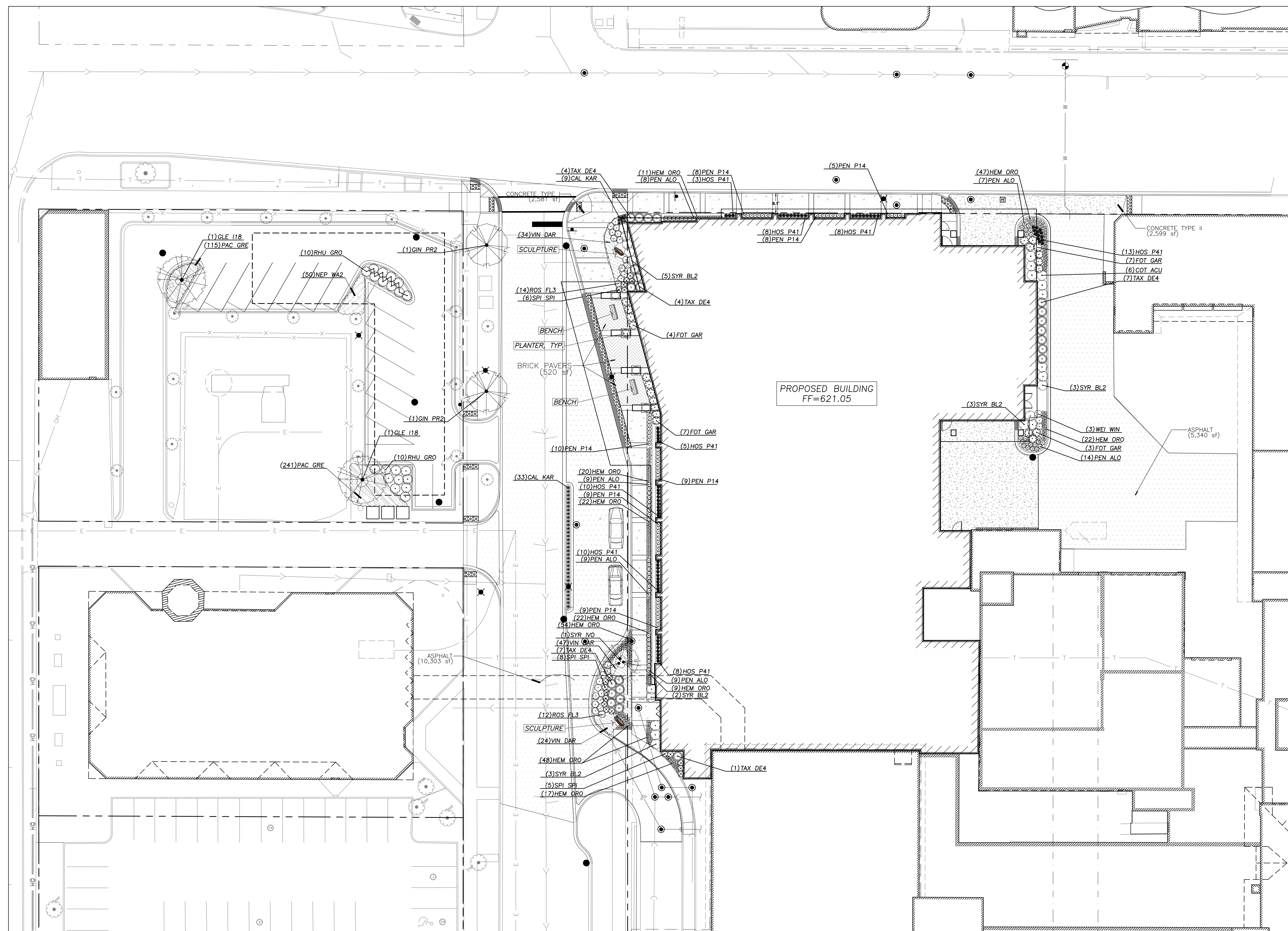


LANDSCAPE NOTES

- PLANT QUALITIES SHOWN IN THE PLANT SCHEDULE ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS SHOWN ON THE PLAN AND SHOULD NOT RELY ON THE PLANT SCHEDULE FOR DETERMINING QUALITIES.
- ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK AND SHALL BE FREE FROM ANY DEFORMITIES, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGED OR CROOKED/DISFIGURED LEADERS, BARK ABRASION, SUNSCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE AND WILL BE REJECTED. TREES WITH MULTIPLE LEADERS WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT SCHEDULE AS MULTI-STEM.
- ALL LANDSCAPE IMPROVEMENTS SHALL MEET MUNICIPALITY REQUIREMENTS AND GUIDELINES, WHICH SHALL BE VERIFIED BY MUNICIPAL AUTHORITIES.
- ALL PLANTING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, PROPER PLANTING BED AND TREE PIT PREPARATION, PLANTING MIX, PRUNING, STAKING AND GUYS, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE OF MATERIALS DURING CONSTRUCTION ACTIVITIES.
- ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ANY MATERIALS INSTALLED WITHOUT APPROVAL MAY BE REJECTED.
- THE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL OUTLINE PROPER MAINTENANCE PROCEDURES TO THE OWNER AT THE TIME OF ACCEPTANCE. DURING THE GUARANTEE PERIOD, DEAD OR DISEASED MATERIALS SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE GUARANTEE PERIOD THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER.
- ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT A DISTANCE OF 8.5' FROM THE TRUNK.
- ALL GRASS, CLUMPS, OTHER VEGETATION, DEBRIS, STONES, ETC., SHALL BE RAKED OR OTHERWISE REMOVED FROM PLANTING AND LAWN AREAS PRIOR TO INITIATION OF INSTALLATION PROCEDURES.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR/REPLACE AND UTILITY, PAVING, CURBING, ETC., WHICH IS DAMAGED DURING PLANTING OPERATIONS.
- SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60.1, AMERICAN STANDARDS FOR NURSERY STOCK, BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
- REFER TO PLAT OF SURVEY FOR LEGAL DESCRIPTION, BOUNDARY DIMENSIONS AND EXISTING CONDITIONS.
- ALL PLANT MATERIAL ON THIS PLANTING PLAN REPRESENTS THE INTENTION AND INTENSITY OF THE PROPOSED LANDSCAPE MATERIAL. THE EXACT SPECIES AND LOCATIONS MAY VARY IN THE FIELD DO TO MODIFICATIONS IN THE SITE IMPROVEMENTS AND THE AVAILABILITY OF PLANT MATERIAL AT THE TIME OF INSTALLATION. ANY SUCH CHANGES MUST FIRST BE APPROVED BY THE VILLAGE IN WRITING.
- ALL PLANT MATERIAL SHALL BE PLANTED WITH A MINIMUM OF SIX INCHES OF ORGANIC SOIL AND MULCHED WITH A SHREDDED BARK MATERIAL TO A MINIMUM 3" DEPTH.
- ALL BEDS SHALL BE EDGED, HAVE WEED PREEMERGENTS APPLIED AT THE RECOMMENDED RATE.
- ALL PARKWAYS AND PARKING LOT ISLANDS SHALL HAVE LAWN ESTABLISHED WITH SOD AS A GROUNDCOVER, UNLESS OTHERWISE NOTED.
- ALL LAWN AREAS ON THIS PLAN SHALL BE GRADED SMOOTH AND TOPPED WITH AT LEAST 4" OF TOPSOIL. ALL LAWN AREAS TO BE ESTABLISHED USING SEED BLANKET UNLESS OTHERWISE NOTED. BLANKET TO BE S75 OR APPROVED EQUAL.
- THIS LANDSCAPE PLAN ASSUMES THE SITE WILL BE PREPARED WITH TOP SOIL SUITABLE FOR THE ESTABLISHMENT OF THE LANDSCAPE MATERIAL PRESENTED ON THIS PLAN. IF ADDITIONAL TOP SOIL IS REQUIRED IT IS UP TO THE LANDSCAPE CONTRACTOR ON THE PROJECT TO PROVIDE, SPREAD AND PREPARE THE SITE AS NEEDED FOR THE IMPLEMENTATION OF THIS LANDSCAPE PLAN.
- CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
- ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR MATERIAL OR WORKMANSHIP.
- LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
- ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACK FILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOTBALL DIAMETER, WATERED, FERTILIZED, PRUNED, AND HAVE ALL TAGS AND ROPES REMOVED.
- LAWN AND BED AREAS SHALL BE ROTOTILLED, RAKED OF CLUMPS AND DEBRIS.
- REMOVE ALL DEAD AND DISEASED PLANT MATERIAL FROM SITE AND DISPOSE OF PROPERLY.

PAVEMENT & MATERIALS SCHEDULE

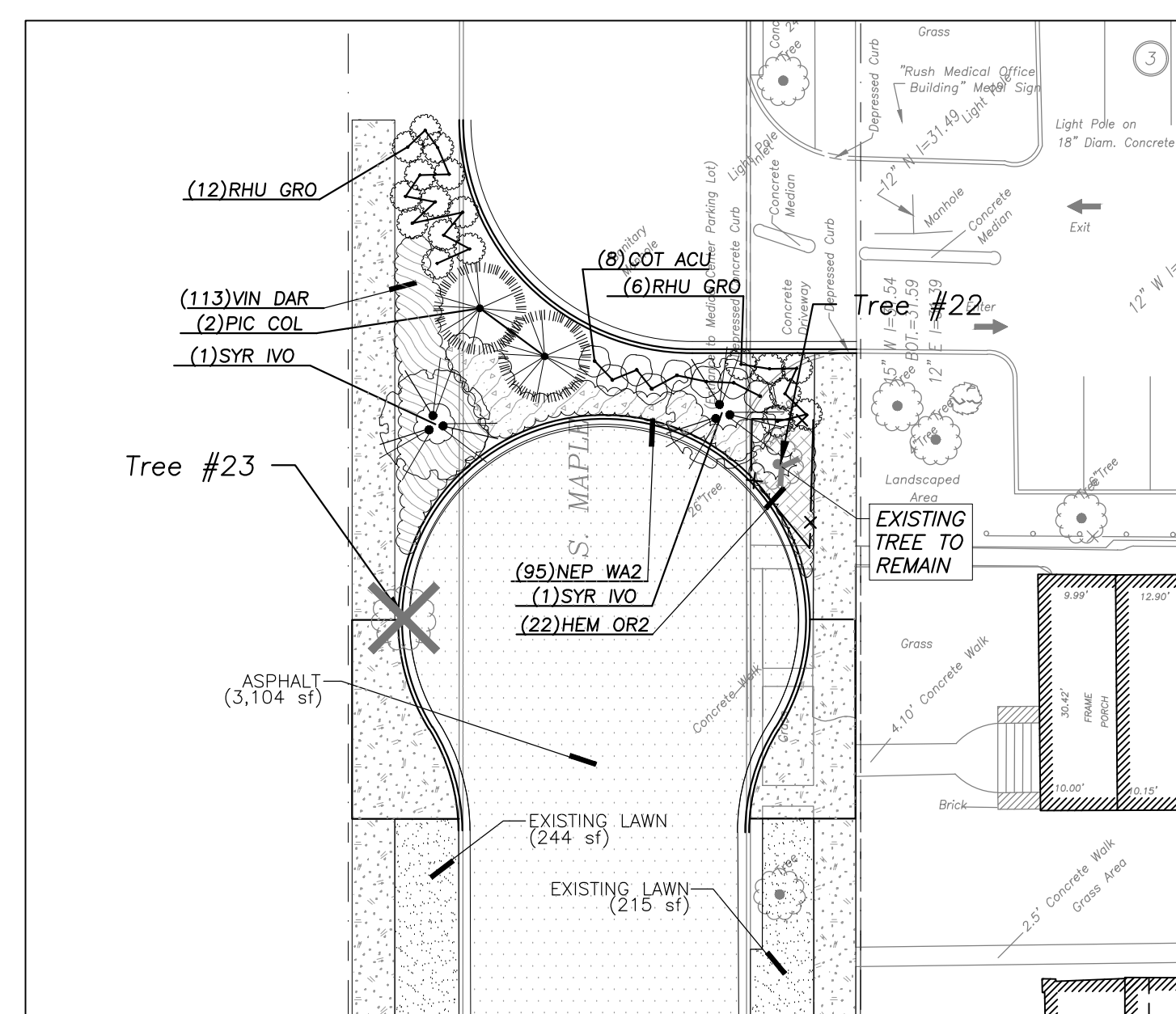
CONCRETE TYPE I	2,317 SF
CONCRETE TYPE II	3,736 SF
ASPHALT	19,315 SF
EXISTING SHRUBS	1,648 SF
EXISTING LAWN	2,220 SF
BRICK PAVERS	520 SF



BUILDING ADDITION LANDSCAPE PLAN  
SCALE: 1" = 20'

CUL-DE-SAC PLANT SCHEDULE

EVERGREEN TREES	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
PIC COL	PICEA PUNGENS 'COLORADO GREEN' / COLORADO GREEN SPRUCE	B & B	8' HT.	2
FLOWERING TREES	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
SYR IVO	SYRINGA RETICULATA 'IVORY SILK' / IVORY SILK JAPANESE TREE LILAC	15 GAL		2
DECIDUOUS SHRUBS	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
COT ACU	COTONEASTER ACUTIFOLIUS / PEKING COTONEASTER	B & B	36" HT.	8
RHU GRO	RHUS AROMATICA 'GRO-LOW' / GRO-LOW FRAGRANT SUMAC	5 GAL	24" SPREAD	18
GROUND COVERS	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
HEM OR2	HEMEROCALLIS X 'STELLA DE ORO' / STELLA DE ORO DAYLILY	CONT.	#1	22
NEP WA2	NEPETA X FAASSENII 'WALKERS LOW' / WALKERS LOW CATMINT	CONT.	6" - 12" HT.	95
VIN DAR	VINCA MINOR 'DART'S BLUE' / DART'S BLUE PERIWINKLE	CONT.	3" POTS	113



CUL-DE-SAC LANDSCAPE PLAN  
SCALE: 1" = 20'

BUILDING ADDITION PLANT SCHEDULE

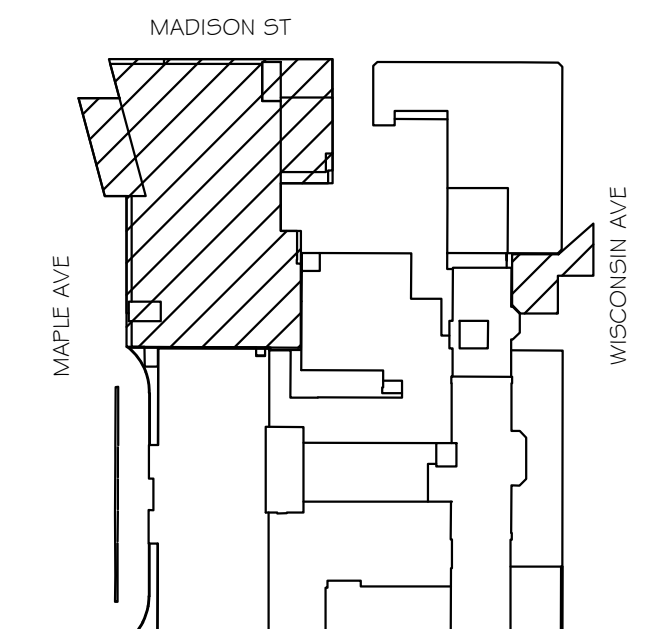
CANOPY TREES	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
GIN PR2	GINKGO BILOBA 'PRINCETON SENTRY' / PRINCETON SENTRY GINKGO	B & B	3" CAL	2
GLE I18	GLEDITSIA TRACANTHOS 'SKYLINE' / THORNLESS SKYLINE HONEYLOCUST	B & B	4" CAL	2
FLOWERING TREES	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
SYR IVO	SYRINGA RETICULATA 'IVORY SILK' / IVORY SILK JAPANESE TREE LILAC	15 GAL		1
DECIDUOUS SHRUBS	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
COT ACU	COTONEASTER ACUTIFOLIUS / PEKING COTONEASTER	B & B	36" HT.	6
FOT GAR	FOTHERGILLA GARDENII / DWARF FOTHERGILLA	B & B	24" HT.	21
RHU GRO	RHUS AROMATICA 'GRO-LOW' / GRO-LOW FRAGRANT SUMAC	5 GAL	24" SPREAD	20
ROS FL3	ROSA X 'FLOWER CARPET CORAL' / ROSE	5 GAL	24" SPREAD	26
SPI SPI	SPIRAEA JAPONICA 'LITTLE PRINCESS' / LITTLE PRINCESS JAPANESE SPIREA	5 GAL	24" HT.	19
SYR BL2	SYRINGA X 'BLOOMERANG' / BLOOMERANG LILAC	B & B	30" HT.	16
WEI WIN	WEIGELA FLORIDA 'WINE TM' / WEIGELA	B & B	30" HT.	3
EVERGREEN SHRUBS	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
TAX DE4	TAXUS X MEDIA / DENSE YEW	B & B	24" HT.	23
GRASSES	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
CAL KAR	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' / FEATHER REED GRASS	CONT.	#1	42
PEN ALO	PENNISETUM ALOPECUROIDES 'HAMELN' / HAMELN DWARF FOUNTAIN GRASS	CONT.	#1	56
PERENNIALS	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
HEM OR2	HEMEROCALLIS X 'STELLA DE ORO' / STELLA DE ORO DAYLILY	CONT.	#1	272
HOS P41	HOSTA X 'PATRIOT' / PATRIOT HOSTA	CONT.	#1	65
PEN P14	PENSTEMON X 'PURPLE RIDING HOOD' / PURPLE RIDING HOOD BEARDTONGUE	CONT.	#1	58
GROUND COVERS	BOTANICAL NAME / COMMON NAME	COND.	SIZE	QTY
NEP WA2	NEPETA X FAASSENII 'WALKERS LOW' / WALKERS LOW CATMINT	CONT.	6" - 12" HT.	50
PAC GRE	PACHYSANDRA TERMINALIS 'GREEN CARPET' / JAPANESE SPURGE	CONT.	3" POTS	356
VIN DAR	VINCA MINOR 'DART'S BLUE' / DART'S BLUE PERIWINKLE	CONT.	3" POTS	105

NOT FOR CONSTRUCTION









KEY PLAN

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07/05/17 ZONING COMMENTS  
06/05/17 ZONING COMMENTS  
05/01/17 ISSUED FOR 75% CONSTRUCTION DOCUMENTS  
03/29/17 ISSUED FOR 50% CONSTRUCTION DOCUMENTS  
03/20/17 ISSUED FOR ZONING  
11/19/16 ISSUED FOR DESIGN DEVELOPMENT

DATE NO. DESCRIPTION

DATE: 11/19/16 SCALE: 1" = 20'

DRAWN: 556 JOB NO. 16250.00

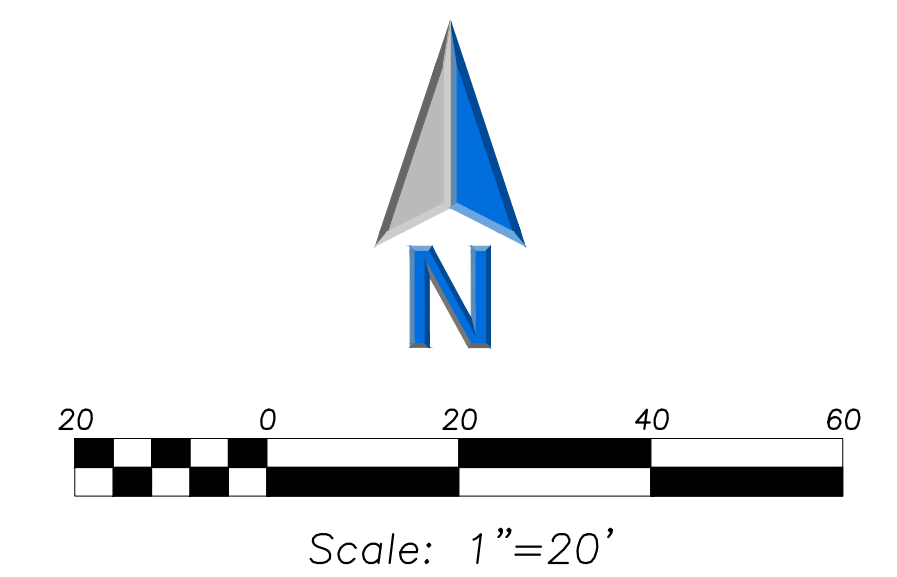
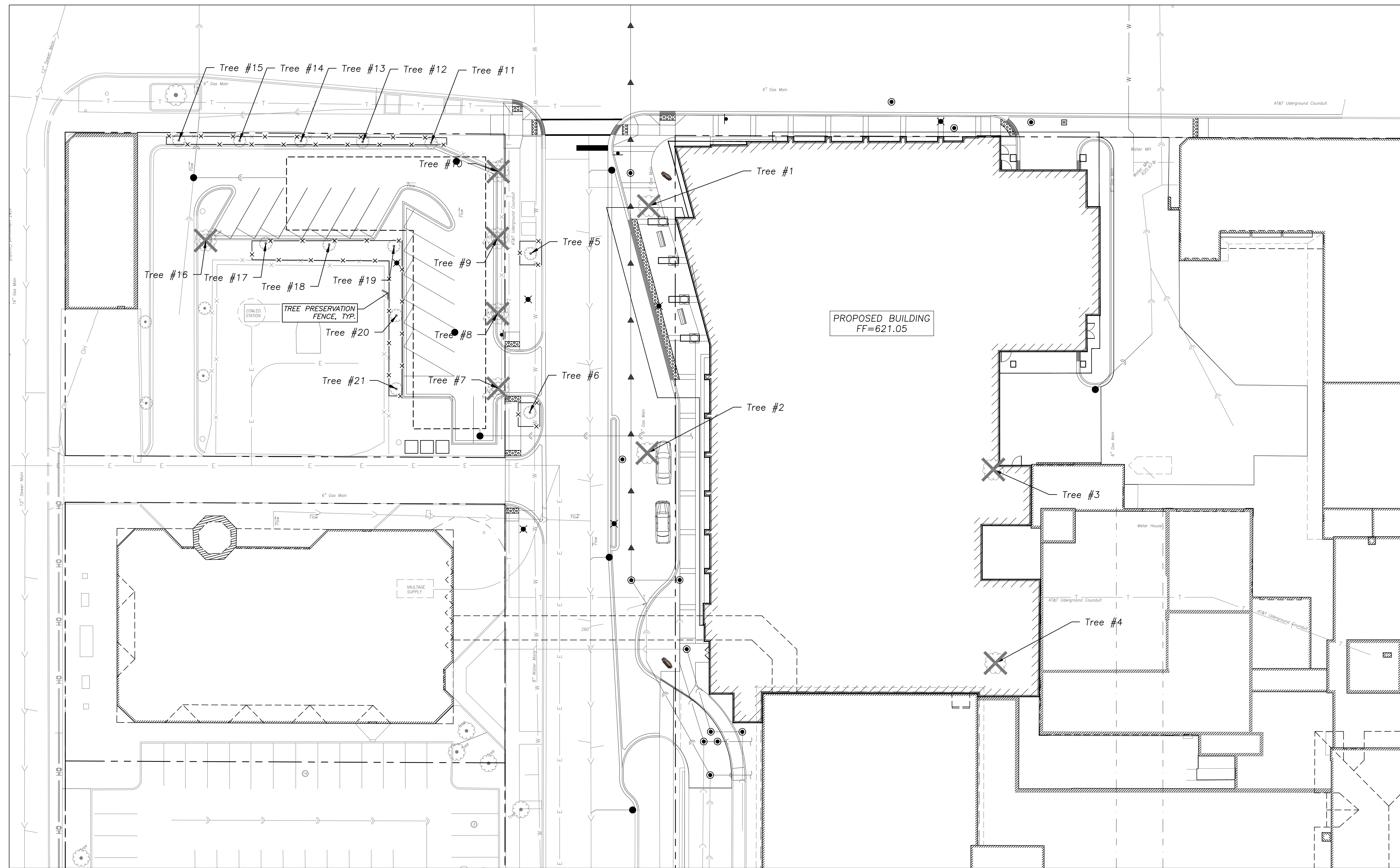
CHECKED: TH

APPROVED:



EXPIRES: 08/31/2019

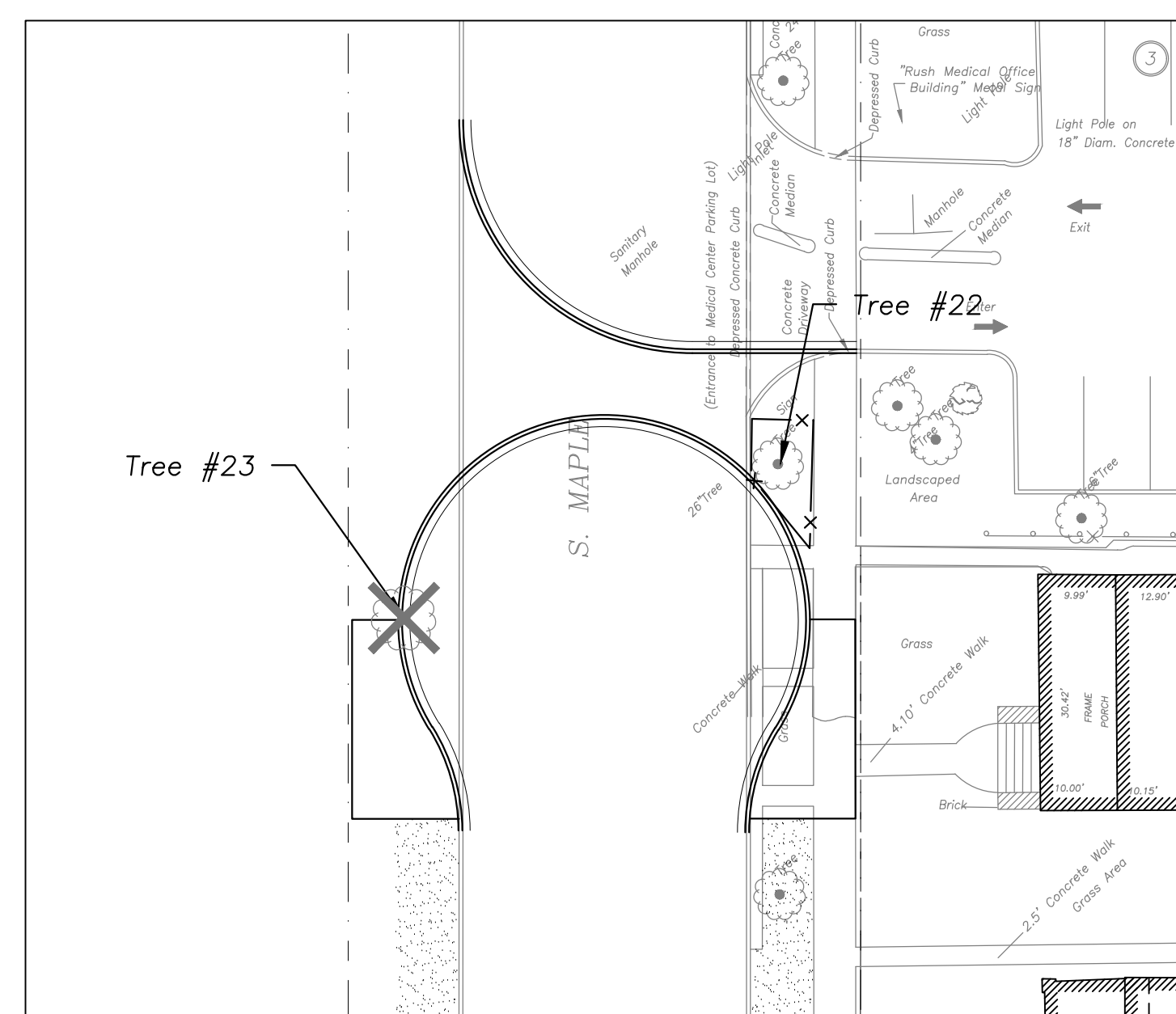
TREE PRESERVATION PLAN



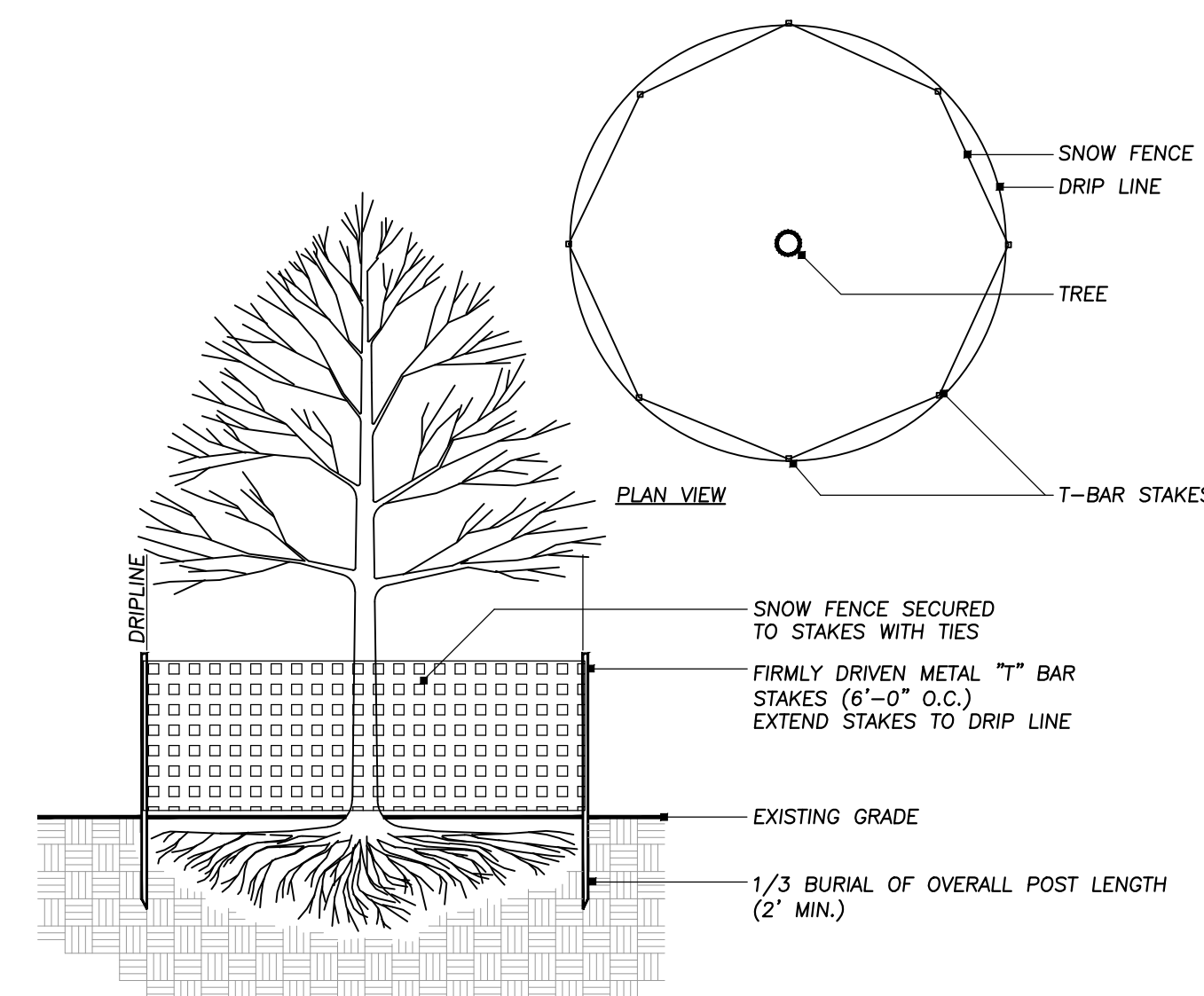
**LEGEND**

EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Inlet	Inlet
Area Drain	Area Drain
Clear Out	Clear Out
Flared End Section	Flared End Section
Storm Sewer	Storm Sewer
Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
Water Main	Water Main
Gas Line	Gas Line
Overhead Wires	Overhead Wires
Electrical Cable (Buried)	Electrical Cable (Buried)
Telephone Line	Telephone Line
Fire Hydrant	Fire Hydrant
Valve Vault	Valve Vault
Buffalo Box	Buffalo Box
Downspout	Downspout
Bollard	Bollard
Gas Valve	Gas Valve
Gas Meter	Gas Meter
Electric Meter	Electric Meter
ComEd Manhole	ComEd Manhole
Hand Hole	Hand Hole
Light Pole w/ Mast Arm	Light Pole w/ Mast Arm
Utility Pole	Utility Pole
Telephone Pedestal	Telephone Pedestal
Telephone Manhole	Telephone Manhole
Sign	Sign
Fence	Fence
Accessible Parking Stall	Accessible Parking Stall
Curb & Gutter	Curb & Gutter
Depressed Curb	Depressed Curb
Curb Elevation	Curb Elevation
Gutter Elevation	Gutter Elevation
Pavement Elevation	Pavement Elevation
Sidewalk Elevation	Sidewalk Elevation
Ground Elevation	Ground Elevation
Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
Swale	Swale
Contour Line	Contour Line
Deciduous Tree	Deciduous Tree
Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection Fencing w/ Drip Line	Tree Protection Fencing w/ Drip Line

BUILDING ADDITION LANDSCAPE PLAN  
SCALE: 1" = 20'



CUL-DE-SAC LANDSCAPE PLAN  
SCALE: 1" = 20'



TREE PROTECTION DETAIL  
Not To Scale

**EXISTING TREE INVENTORY**

TREE #	BOTANICAL NAME	COMMON NAME	TREE SIZE	CONDITION	COMMENTS
1	Gingko biloba	Maidenhair Tree	18" Cal.	Fair	Parkway Tree with significant canopy die back
2	Acer platanoides	Norway Maple	8" Cal.	Good	
3	Gleditsia triacanthos inermis	Thornless Honeylocust Tree	28" Cal.	Good	
4	Gleditsia triacanthos inermis	Thornless Honeylocust Tree	16" Cal.	Good	
5	Tilia americana	American Linden	8" Cal.	Good	
6	Gingko biloba	Maidenhair Tree	12" Cal.	Good	
7	Pyrus calleryana	Chanticleer Pear	6" Cal.	Good	
8	Pyrus calleryana	Chanticleer Pear	6" Cal.	Good	
9	Pyrus calleryana	Chanticleer Pear	6" Cal.	Good	
10	Pyrus calleryana	Chanticleer Pear	6" Cal.	Good	
11	Pyrus calleryana	Chanticleer Pear	7" Cal.	Good	
12	Pyrus calleryana	Chanticleer Pear	7" Cal.	Good	
13	Pyrus calleryana	Chanticleer Pear	7" Cal.	Good	
14	Pyrus calleryana	Chanticleer Pear	7" Cal.	Good	
15	Pyrus calleryana	Chanticleer Pear	7" Cal.	Good	
16	Gleditsia triacanthos inermis	Thornless Honeylocust Tree	6" Cal.	Good	
17	Gleditsia triacanthos inermis	Thornless Honeylocust Tree	7" Cal.	Good	
18	Gleditsia triacanthos inermis	Thornless Honeylocust Tree	7" Cal.	Good	
19	Gleditsia triacanthos inermis	Thornless Honeylocust Tree	7" Cal.	Good	
20	Gleditsia triacanthos inermis	Thornless Honeylocust Tree	6" Cal.	Good	
21	Gleditsia triacanthos inermis	Thornless Honeylocust Tree	7" Cal.	Good	
22	Acer platanoides	Norway Maple	24" Cal.	Fair	
23	Cellis occidentalis	Common Hackberry	18"	Good	

**TREE PRESERVATION NOTES**

- ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT A DISTANCE OF 8.5' FROM THE TRUNK.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS. THE CONTRACTOR SHALL REPAIR/REPLACE AND UTILITY, PAVING, CURBING, ETC., WHICH IS DAMAGED DURING PLANTING AND TREE REMOVAL OPERATIONS.
- REFER TO PLAT OF SURVEY FOR LEGAL DESCRIPTION, BOUNDARY DIMENSIONS AND EXISTING CONDITIONS.
- CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
- LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
- REMOVE ALL DEAD AND DISEASED PLANT MATERIAL FROM SITE AND DISPOSE OF PROPERLY.
- PRUNE AND FERTILIZE ALL EXISTING VEGETATION TO REMAIN ON SITE.
- TREE SYMBOL WITH NUMBER INDICATES EXISTING TREE TO REMAIN.
- TREE SYMBOL WITH NUMBER AND AN "X" INDICATES EXISTING TREE TO BE REMOVED.

NOT FOR CONSTRUCTION





July 6, 2017

Craig M. Faylor  
Village Planner  
Village of Oak Park  
123 Madison Street  
Oak Park, Illinois 60302

RE: Rush Oak Park Hospital - New Emergency Department – Landscape Plan;  
Southeast corner of Madison Street and Maple Avenue

Dear Mr. Faylor,

In accordance with the Village of Oak Park's Planned Development submittal requirements, Rush Oak Park Hospital agrees to maintain landscaping in the Right of Way and to execute a separate maintenance agreement with the Village upon approval of the Planned Development.

Sincerely,

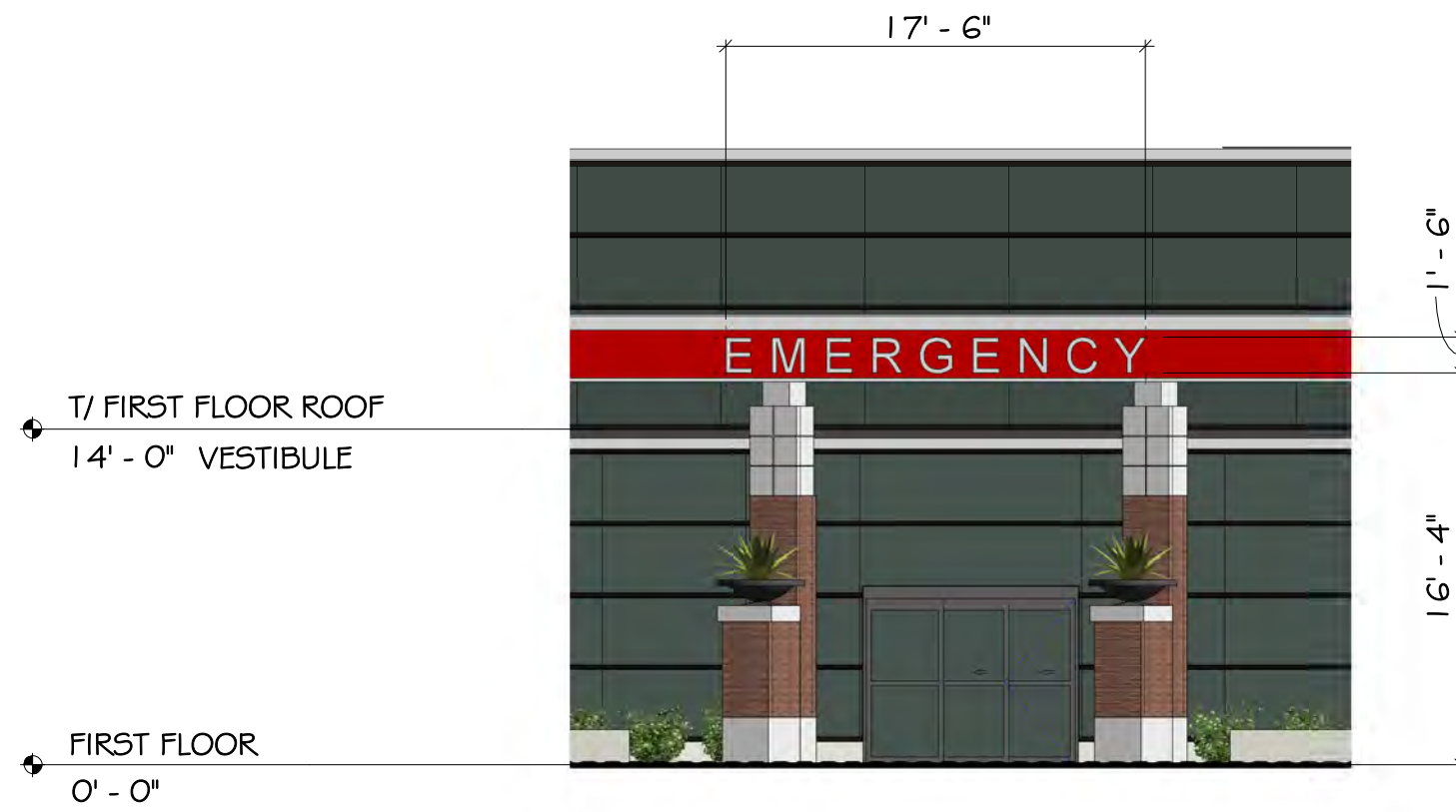
A handwritten signature in cursive script that reads "Robert Spadoni".

Robert Spadoni  
Vice President of Hospital Operations

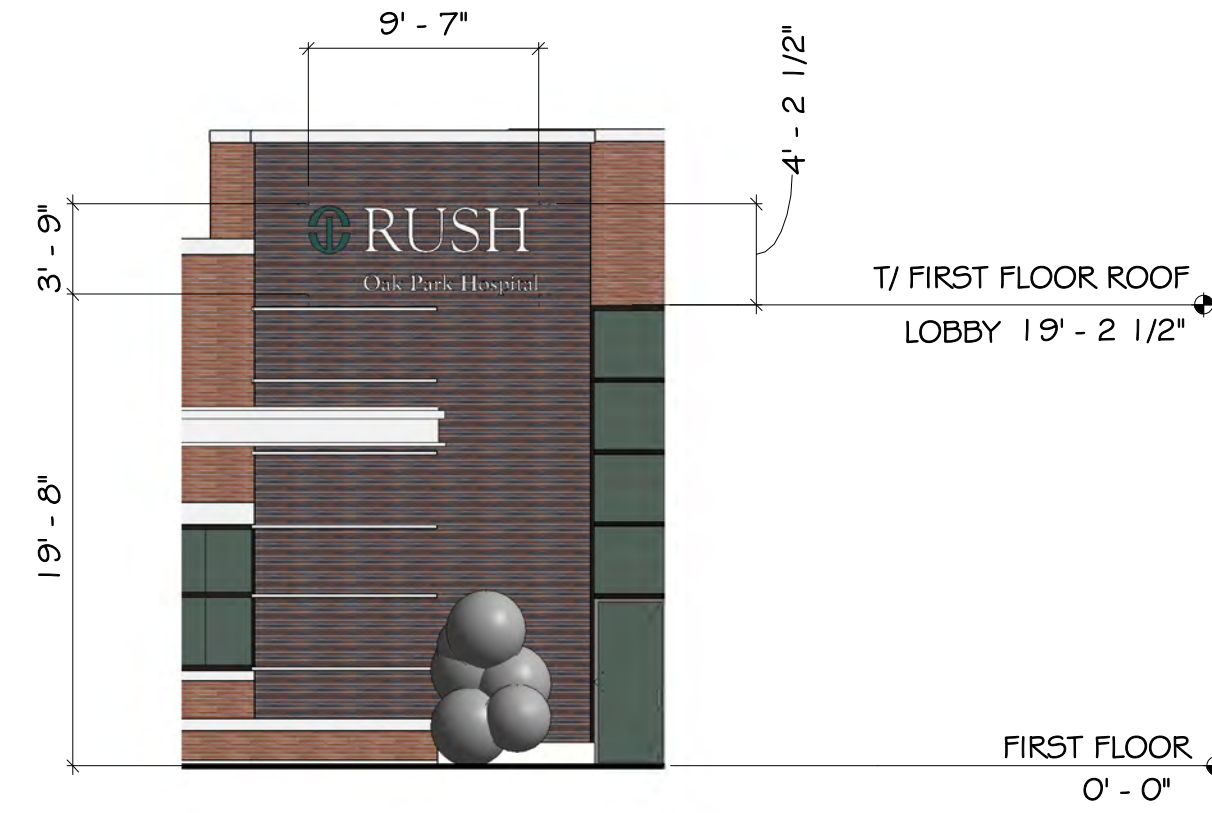
## 22. DETAILED SIGN ELEVATIONS

# Sign Variance

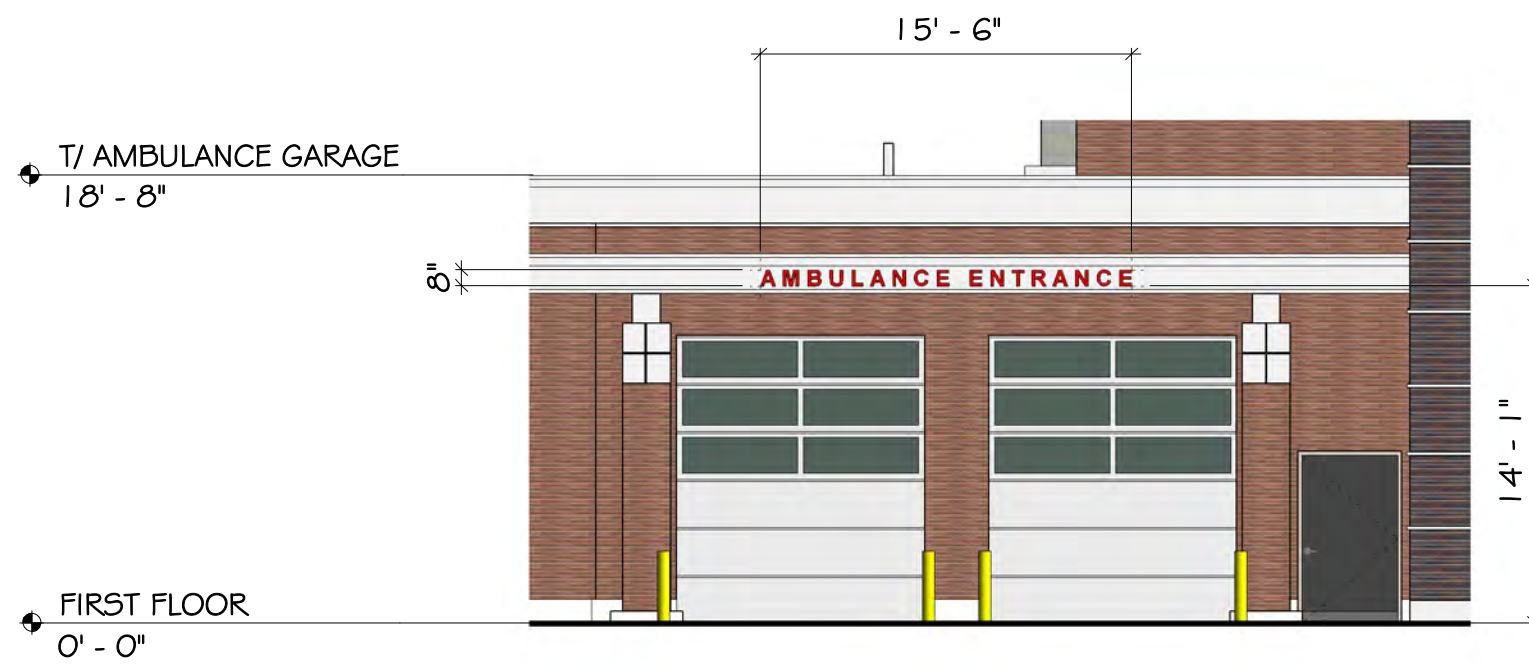
Rush Oak Park Hospital, Inc. does not require a sign variance. The “Emergency”, “Ambulance Entrance”, and “ Rush Oak Park Hospital” signs on the west and north elevation are exempt signs and permitted. The Zoning Administrator reviewed the signs and determined they meet the sign code.



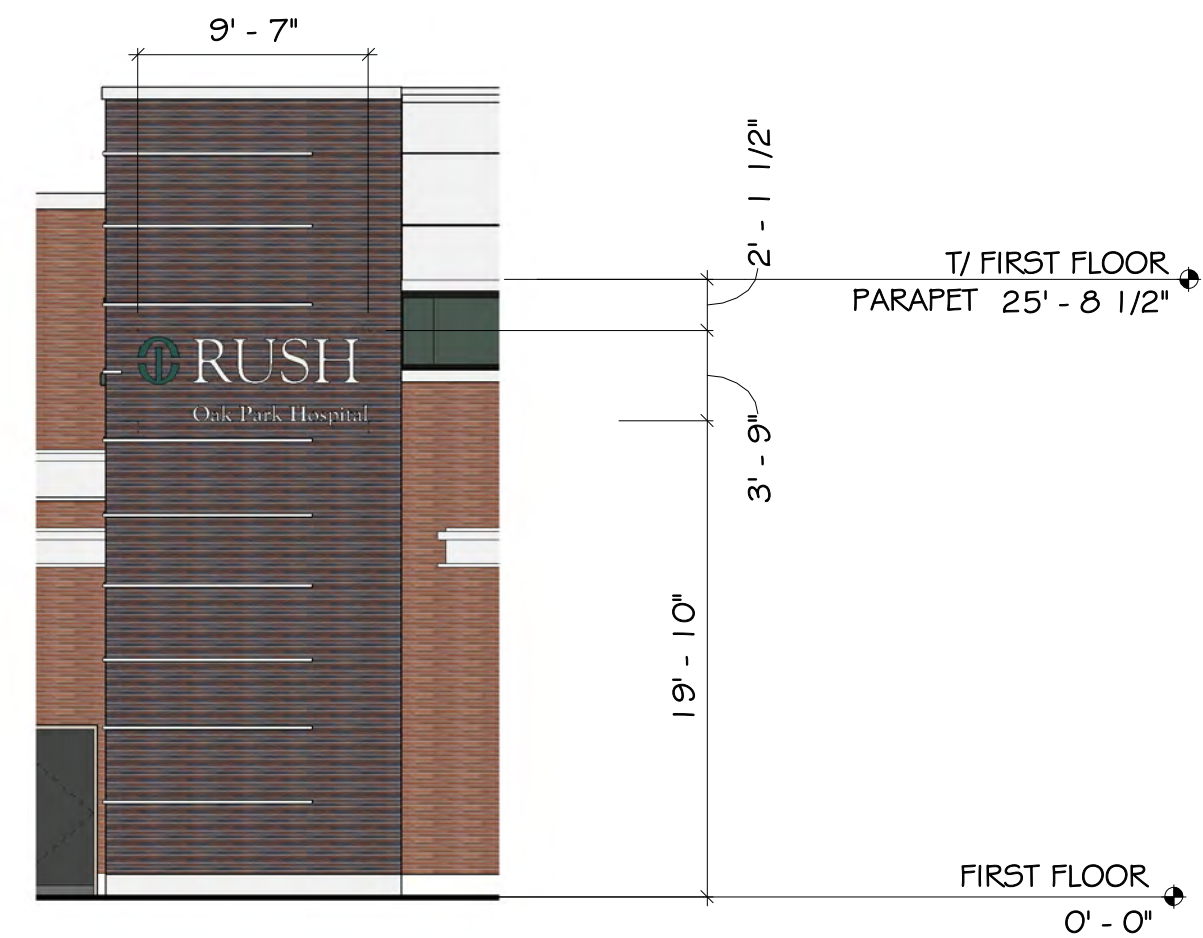
② EMERGENCY SIGN  
1/4" = 1'-0"



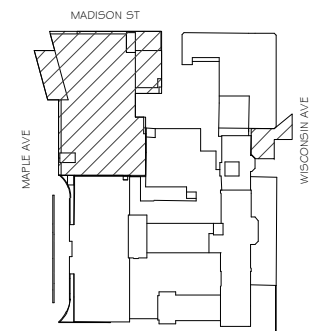
① SIGN AT WEST FACE  
1/4" = 1'-0"



④ AMBULANCE ENTRANCE  
1/4" = 1'-0"



③ SIGN AT NORTH FACE  
1/4" = 1'-0"



KEY PLAN

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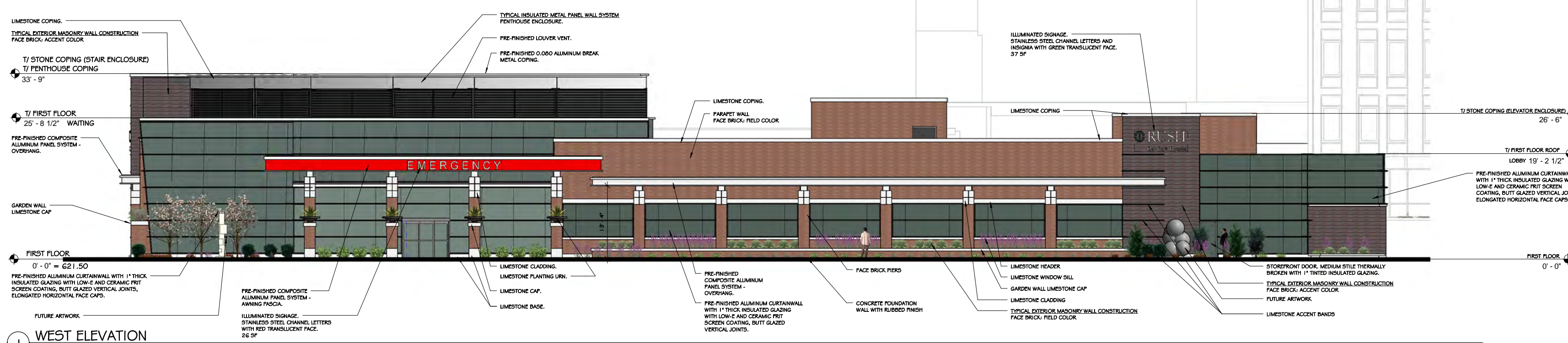
03/2017 50% REVIEW  
11/15/16 ISSUED FOR DESIGN DEVELOPMENT

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DRAWN: Author	JOB NO. 16250.00	
CHECKED: Checker		
APPROVED: DEM		

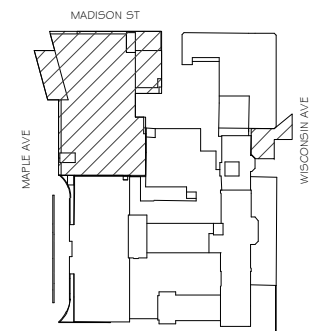


SIGN





**1 WEST ELEVATION**  
1/8" = 1'-0"

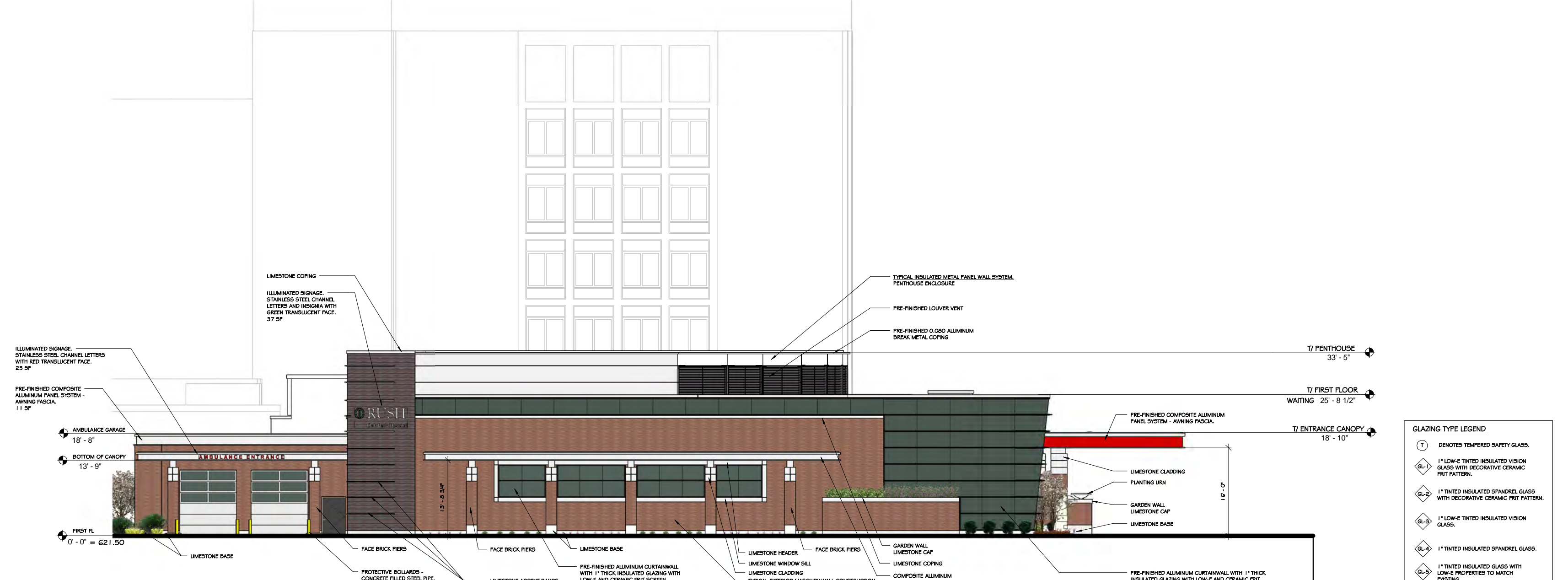


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DATE	NO.	DESCRIPTION
DATE: #####	SCALE: As indicated	
DRAWN: HML	JOB NO. 16250.00	
CHECKED: MJH		
APPROVED: DEM		



**2 NORTH ELEVATION**  
1/8" = 1'-0"

**GLAZING TYPE LEGEND**

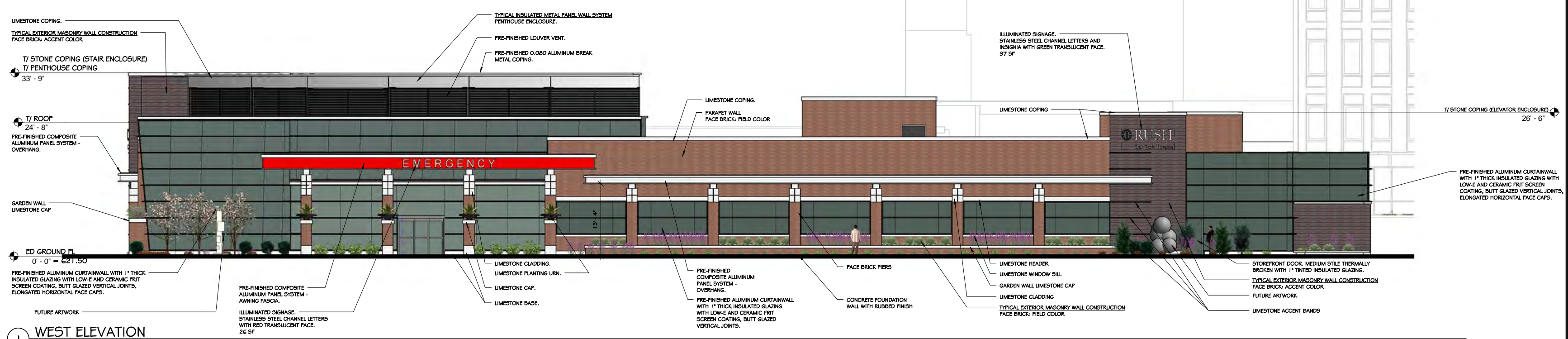
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- (GL-1) 1" LOW-E TINTED INSULATED VISION GLASS WITH DECORATIVE CERAMIC FRIT PATTERN.
- (GL-2) 1" TINTED INSULATED SPANDREL GLASS WITH DECORATIVE CERAMIC FRIT PATTERN.
- (GL-3) 1" LOW-E TINTED INSULATED VISION GLASS.
- (GL-4) 1" TINTED INSULATED SPANDREL GLASS.
- (GL-5) 1" TINTED INSULATED GLASS WITH LOW-E PROPERTIES TO MATCH EXISTING

EXTERIOR ELEVATIONS

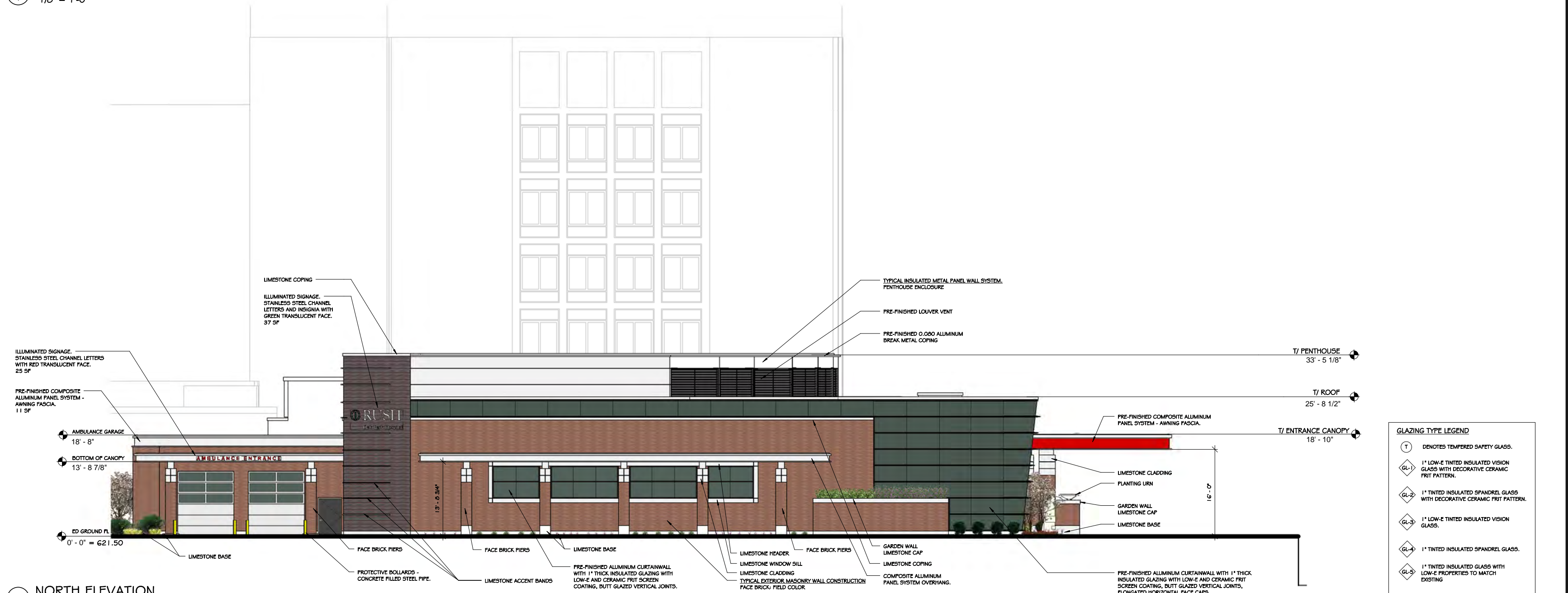
EXHIBIT

## 23. BUILDING ELEVATIONS

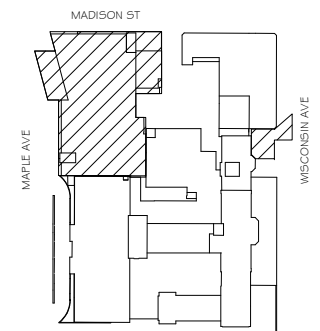




1 WEST ELEVATION  
1/8" = 1'-0"



2 NORTH ELEVATION  
1/8" = 1'-0"



KEY PLAN

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DATE	NO.	DESCRIPTION
DATE: #####	SCALE: As indicated	
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CHECKED: MJH		
APPROVED: DEM		



**GLAZING TYPE LEGEND**

- (T) DENOTES TEMPERED SAFETY GLASS.
- (GL-1) 1" LOW-E TINTED INSULATED VISION GLASS WITH DECORATIVE CERAMIC FRIT PATTERN.
- (GL-2) 1" TINTED INSULATED SPANDREL GLASS WITH DECORATIVE CERAMIC FRIT PATTERN.
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- (GL-4) 1" TINTED INSULATED SPANDREL GLASS.
- (GL-5) 1" TINTED INSULATED GLASS WITH LOW-E PROPERTIES TO MATCH EXISTING

EXTERIOR ELEVATIONS

EXHIBIT

C:\Users\jgarcia\Documents\A16-ROPH-ED - ZONING - jgarcia.rvt 6/2/2017 3:40:13 PM



One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

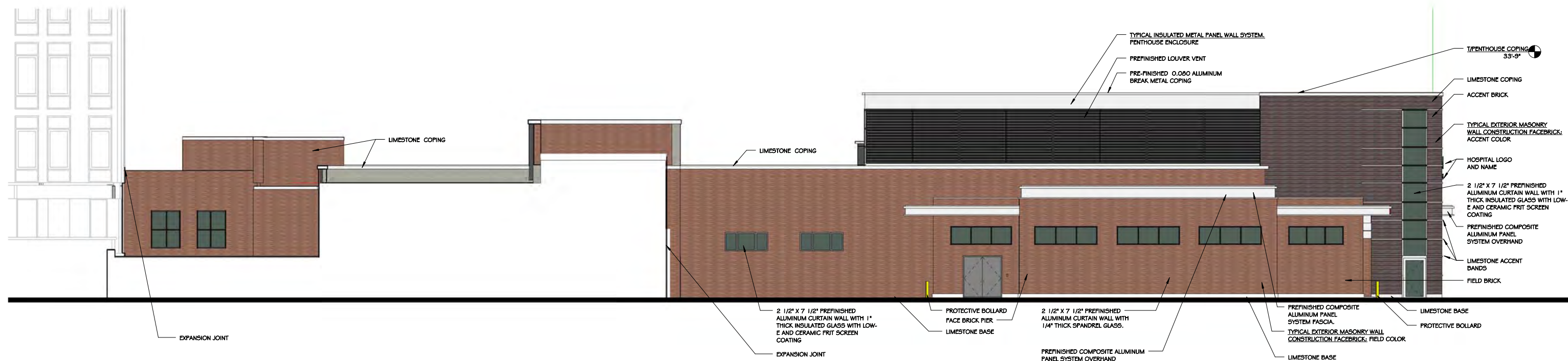
**RUSH OAK PARK HOSPITAL**  
SPONSORED BY THE WHEATON FRANCISCAN SISTERS

**RUSH OAK PARK HOSPITAL  
EMERGENCY DEPARTMENT  
ADDITION**  
520 SOUTH MAPLE AVENUE  
OAK PARK, IL 60304  
708 - 660 - 6660

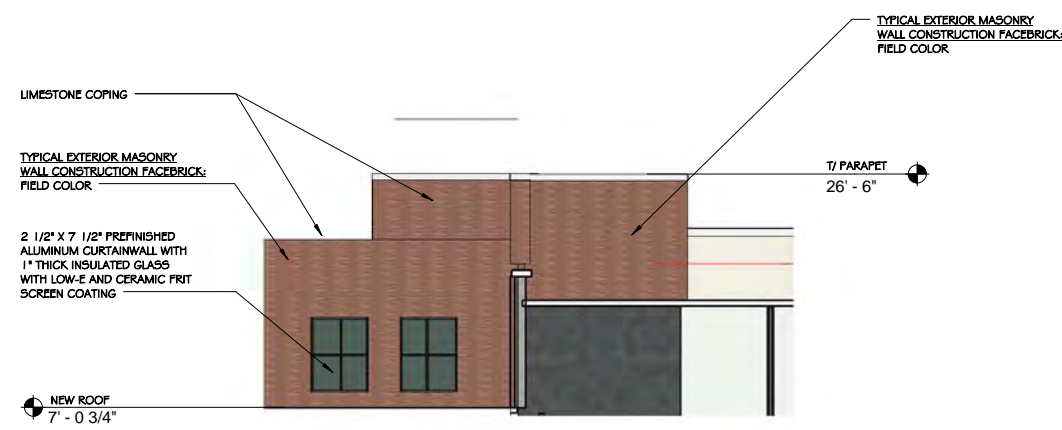
**IMEG**  
1100 WARRENVILLE ROAD, SUITE 400W  
NAPERVILLE, ILLINOIS 60563  
630.527.2300 FAX: 630.527.2321  
www.imeg.com

**ERIKSSON  
ENGINEERING  
ASSOCIATES, LTD.**

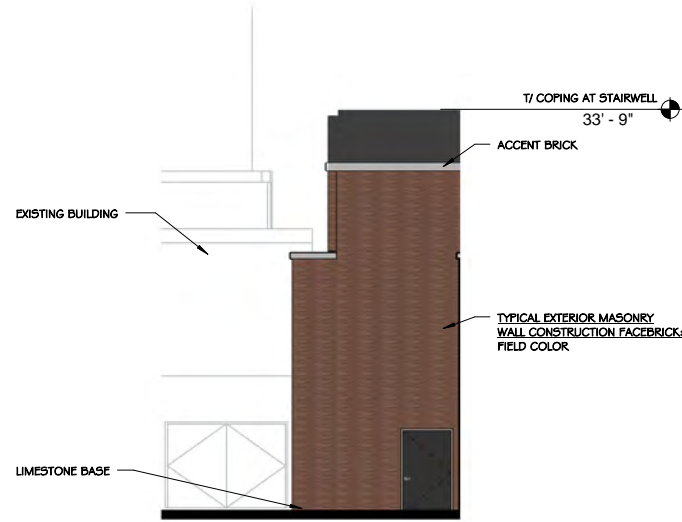
**KLOA**  
Kovacic, Lindgren, O'Hara, Associates, Inc.



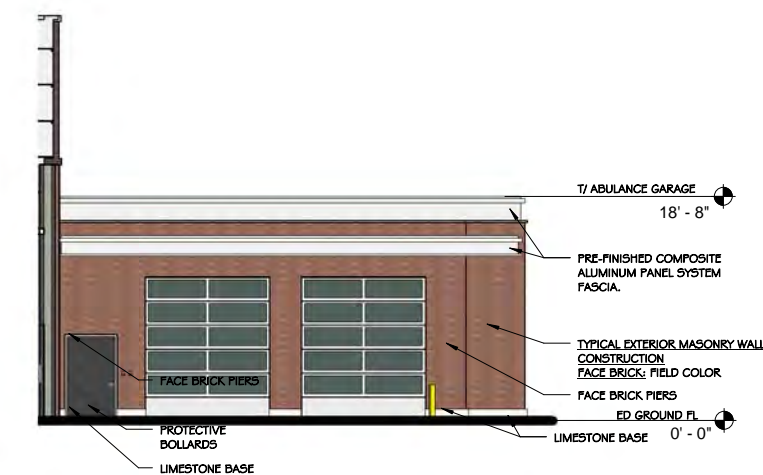
1 EAST ELEVATION AT AMBULANCE BAY  
1/16" = 1'-0"



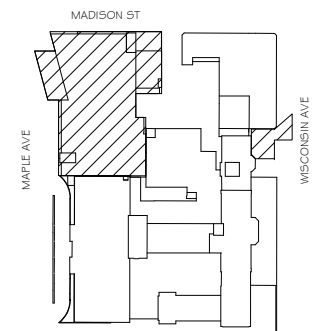
4 EAST ELEVATION  
1/16" = 1'-0"



3 NORTH ELEVATION NEW BLD. MEETS EXISTING BLD.  
1/16" = 1'-0"



2 SOUTH ELEVATION AT AMBULANCE BAY  
1/8" = 1'-0"



KEY PLAN

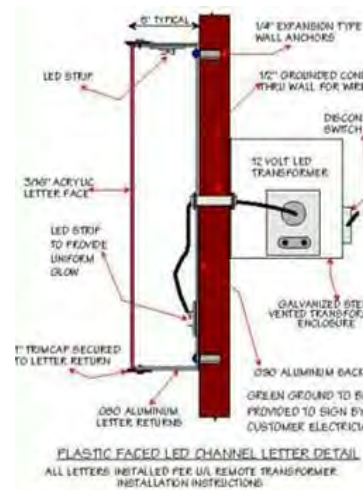
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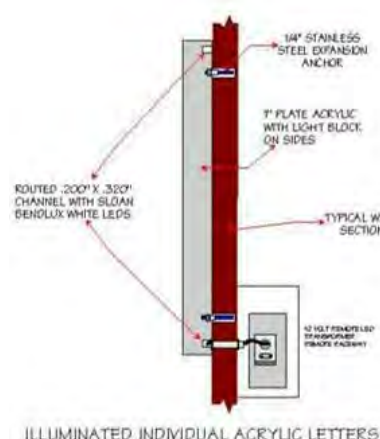
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CHECKED: MJH		
APPROVED: DEM		



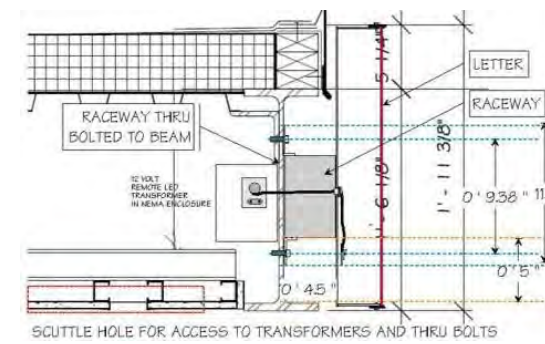
9 MATERIALS



8 LOGO DETAIL



7 LETTER DETAIL



6 EMERGENCY AND AMBULANCE SIGN DETAIL



5 SIGNAGE DETAIL



## 24. FLOOR PLANS

One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

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EMERGENCY DEPARTMENT  
ADDITION**  
520 SOUTH MAPLE AVENUE  
OAK PARK, IL 60304  
708 - 660 - 6660

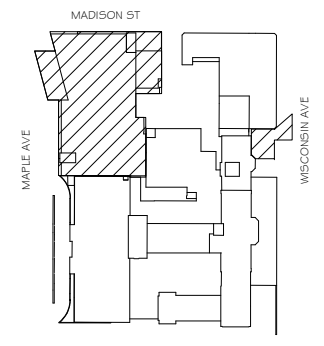
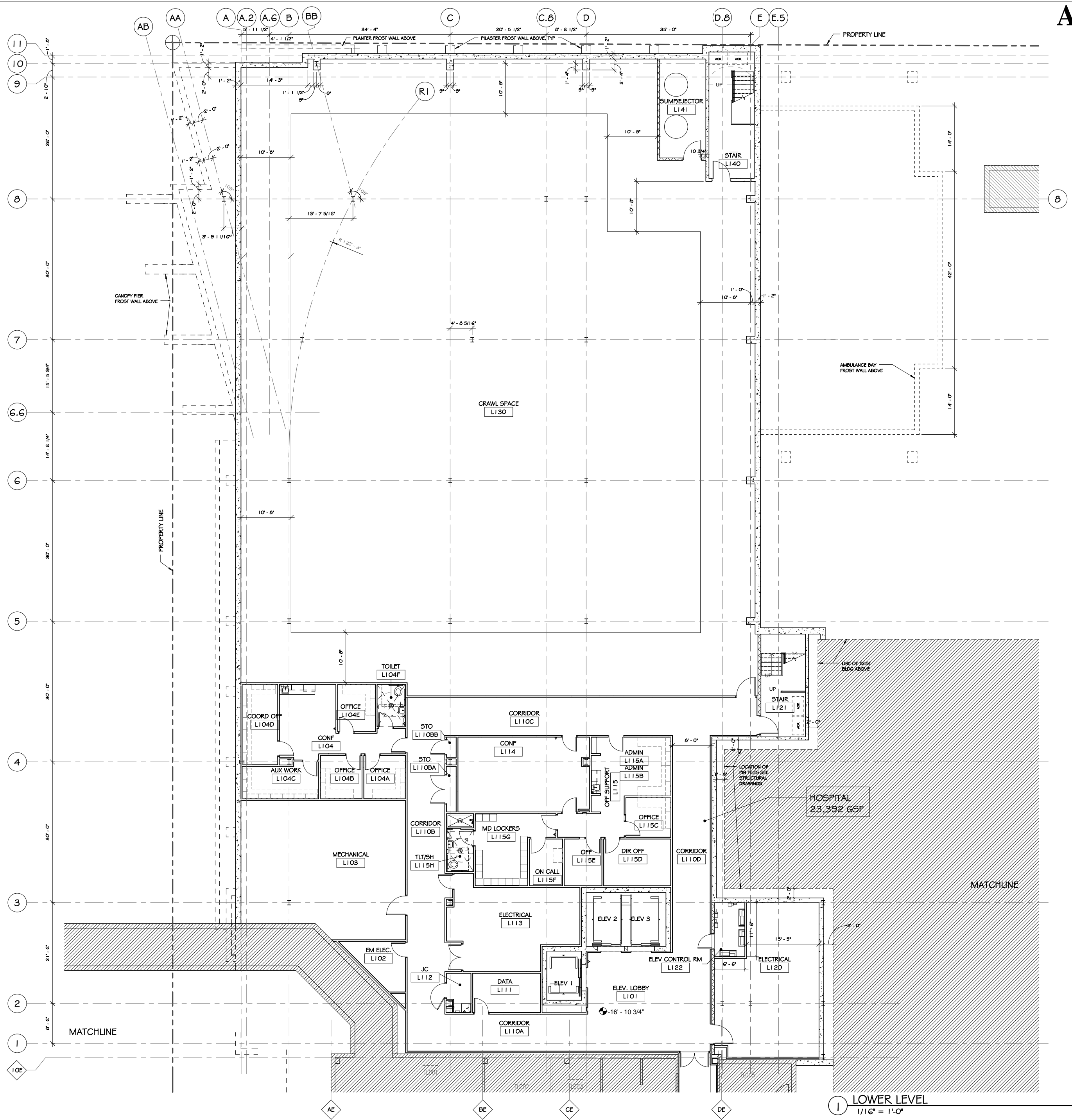
**IMEG**  
1100 WARRENVILLE ROAD, SUITE 400W  
NAPERVILLE, ILLINOIS 60563  
630-577-2350 FAX 630-527-2351  
WWW.IMEG.COM

**ERIKSSON  
ENGINEERING  
ASSOCIATES, LTD.**

**KLOA**  
Kentel, Lindgren, O'Hara, Aborn, Inc.

**LEGEND**

- N.I.C. (NOT IN CONTRACT)
- NEW CONSTRUCTION  
ALL PARTITIONS TYPE 'W'  
U.O.N.
- EXISTING CONSTRUCTION  
TO REMAIN
- NEW CONSTRUCTION  
ABOVE
- MATCHLINE



**KEY PLAN**

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03/2017  
1/15/16

DATE	NO.	DESCRIPTION
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CHECKED: ADK/MJH		
APPROVED: DEM		



LOWER LEVEL PLAN - ED

EXHIBIT

**A1-5**

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Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

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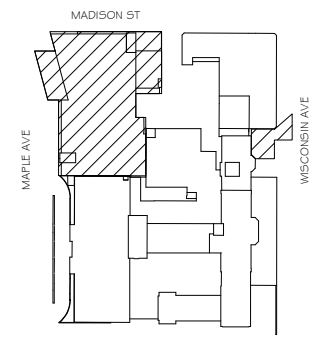
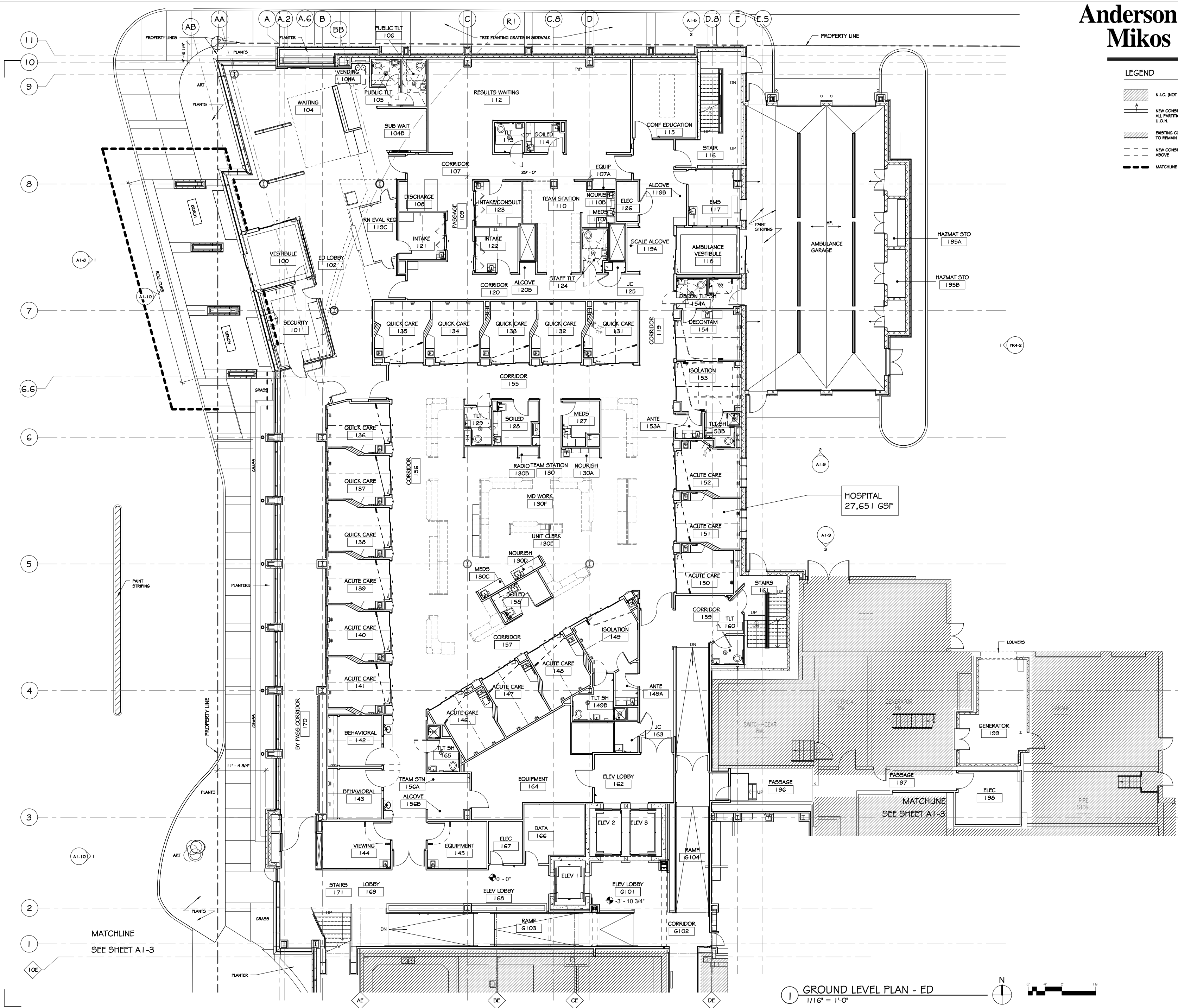
RUSH OAK PARK HOSPITAL  
EMERGENCY DEPARTMENT  
ADDITION  
520 SOUTH MAPLE AVENUE  
OAK PARK, IL 60304  
708 - 660 - 6660

**IMEG**  
1100 WARRENVILLE ROAD, SUITE 800W  
NAPERVILLE, ILLINOIS 60563  
630-577-2350 FAX 630-527-2351  
WWW.IMEG.COM

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**

**KLOA**  
Kentel, Lindgren, O'Hara, Aborn, Inc.

- LEGEND**
- N.I.C. (NOT IN CONTRACT)
  - NEW CONSTRUCTION ALL PARTITIONS TYPE 'M' U.O.N.
  - EXISTING CONSTRUCTION TO REMAIN
  - NEW CONSTRUCTION ABOVE
  - MATCHLINE



KEY PLAN

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DATE: #/##/##	SCALE: As indicated	
DRAWN: IQ	JOB NO.: 16250.00	
CHECKED: MUHADK		
APPROVED: DEM		



GROUND LEVEL PLAN - ED

EXHIBIT

A1-6

GROUND LEVEL PLAN - ED  
1/16" = 1'-0"

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One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

**RUSH OAK PARK HOSPITAL**  
SPONSORED BY THE WHEATON FRANCISCAN SISTERS

RUSH OAK PARK HOSPITAL  
EMERGENCY DEPARTMENT  
ADDITION  
520 SOUTH MAPLE AVENUE  
OAK PARK, IL 60304  
708 - 660 - 6660

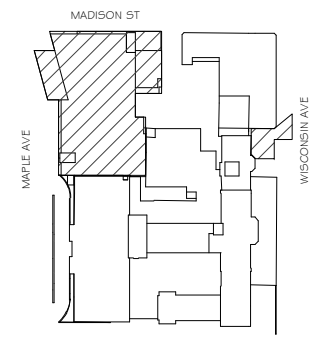
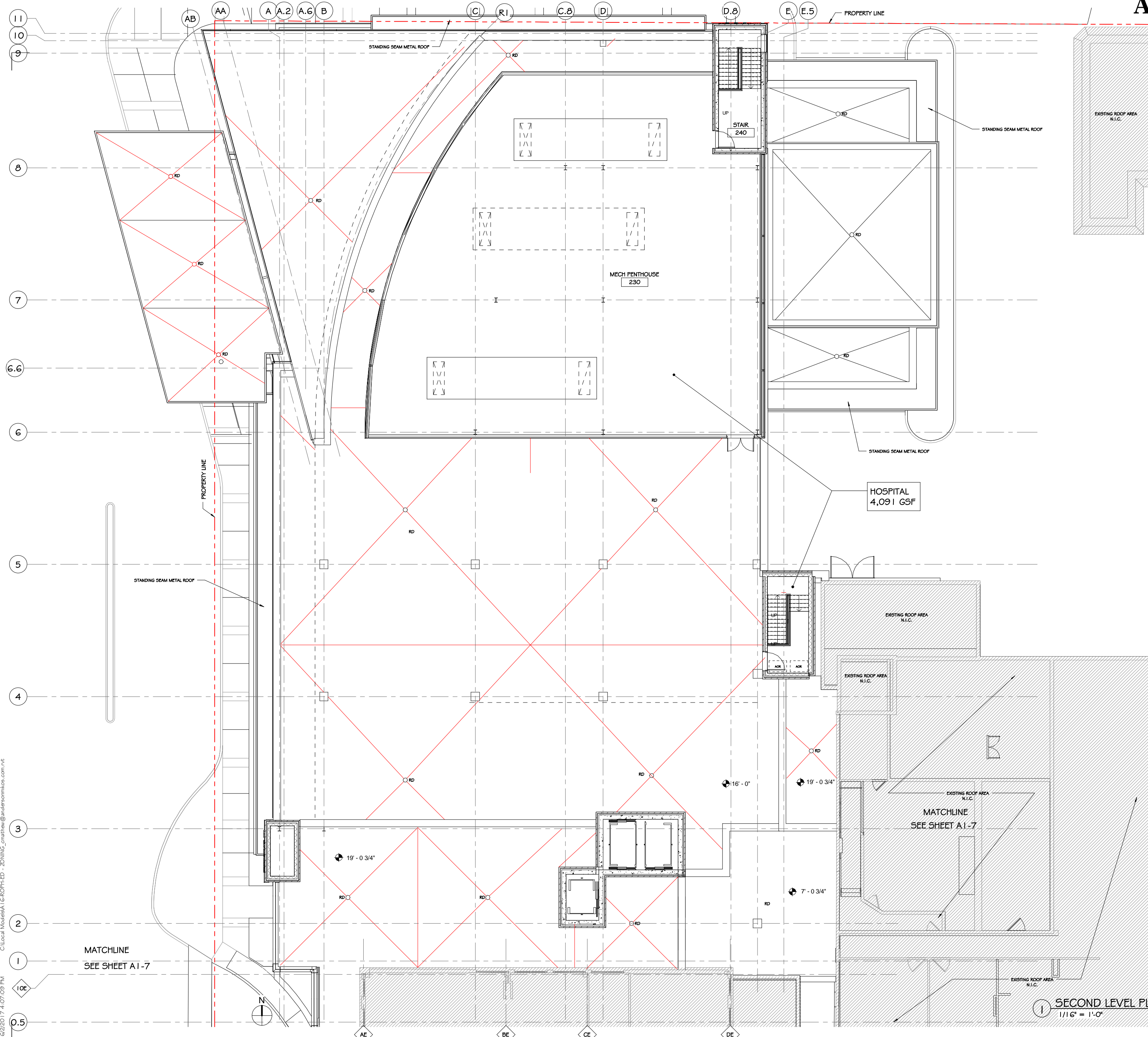
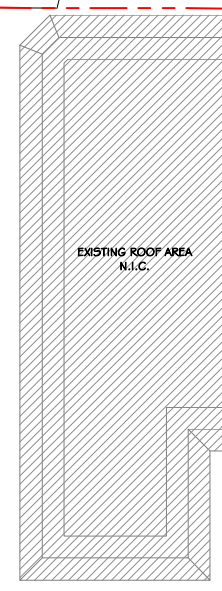
**IMEG**  
1100 WARRENVILLE ROAD, SUITE 400W  
NAPERVILLE, ILLINOIS 60563  
630.527.2300 FAX: 630.527.2321  
www.imeg.com

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**

**KLOA**  
Kentel, Lindgren, O'Hara, Abood, Inc.

**LEGEND**

- N.I.C. (NOT IN CONTRACT)
- NEW CONSTRUCTION ALL PARTITIONS TYPE 'A' U.O.N.
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION ABOVE
- MATCHLINE



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DATE	NO.	DESCRIPTION
03/20/17	1	50% REVIEW ISSUED FOR DESIGN DEVELOPMENT
11/15/16		
DATE: #####	SCALE: As indicated	
DRAWN: Author	JOB NO. 16250.00	
CHECKED: Checker		
APPROVED: DEM		



SECOND LEVEL PLAN - ED & PENTHOUSE

EXHIBIT

A1-7

G:\2017\4.07.09 PM C:\Local Model\A16-RDPH-ED - ZONING\_mathew@andersonmikos.com.rvt



**SECOND LEVEL PLAN - ED & PENTHOUSE**  
1/16" = 1'-0"



One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

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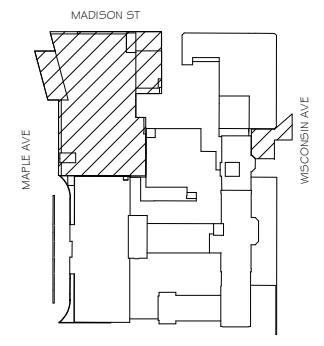
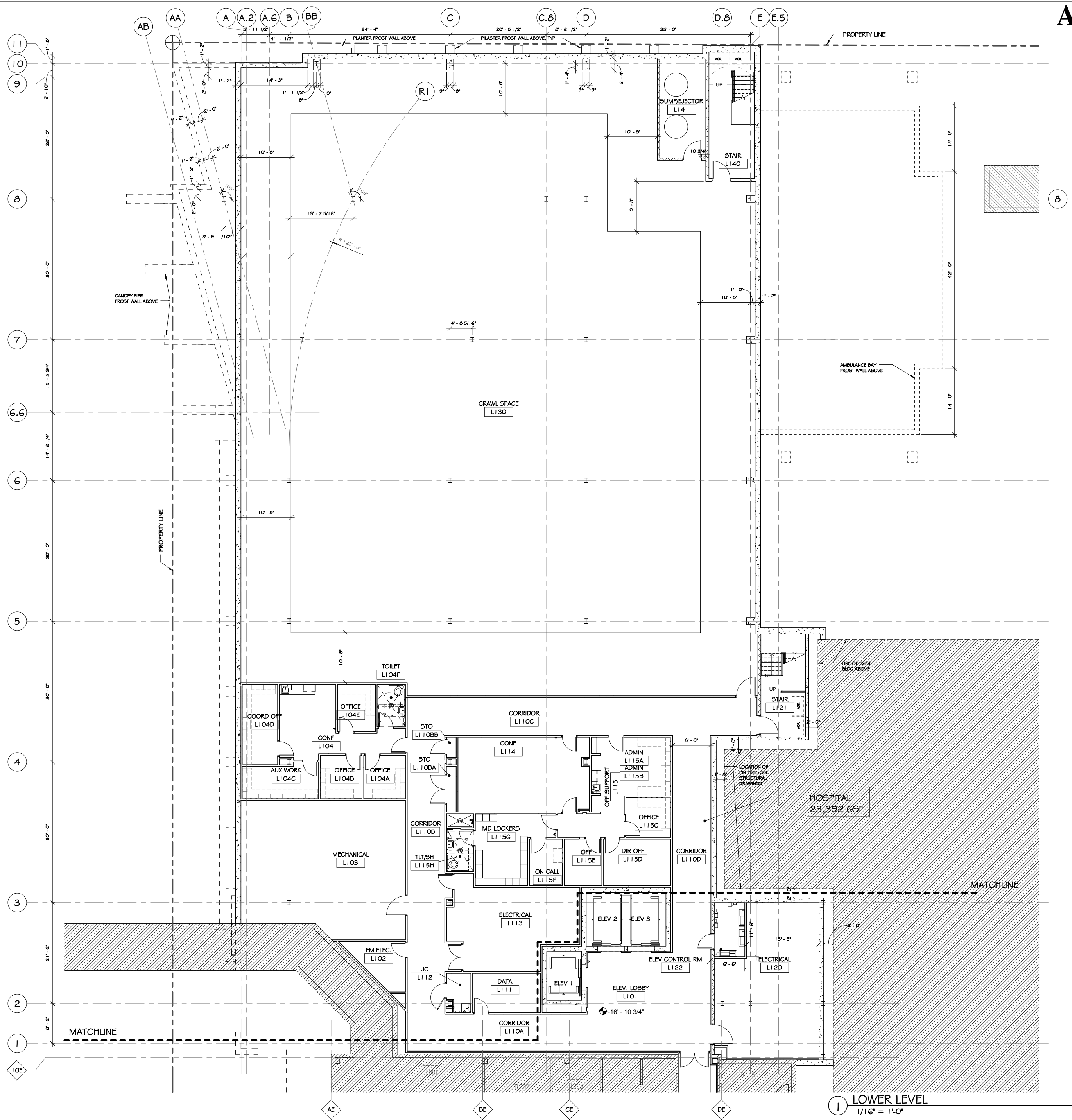
**RUSH OAK PARK HOSPITAL  
EMERGENCY DEPARTMENT  
ADDITION**  
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OAK PARK, IL 60304  
708 - 660 - 6660

**KJ ENGINEERING CONSULTANTS**  
The Future Built Smarter.  
1100 WARRISVILLE ROAD, SUITE 400W  
PAPERVILLE, ILLINOIS 60563  
630.527.2320 FAX: 630.527.2321  
www.kjeng.com

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**

**KLOA**  
Kentis, Lindgren, O'Hara, Abornia, Inc.

- LEGEND**
- N.I.C. (NOT IN CONTRACT)
  - NEW CONSTRUCTION ALL PARTITIONS TYPE 'W' U.O.N.
  - EXISTING CONSTRUCTION TO REMAIN
  - NEW CONSTRUCTION ABOVE
  - MATCHLINE



**KEY PLAN**

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DATE	NO.	DESCRIPTION
03/2017		ISSUED FOR ZONING
DATE: #/##/##	SCALE:	As indicated
DRAWN: SWI/Q	JOB NO.:	16250.00
CHECKED: ADK/MJH		
APPROVED: DEM		

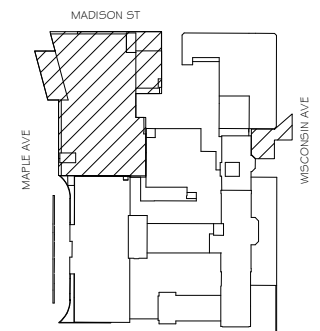
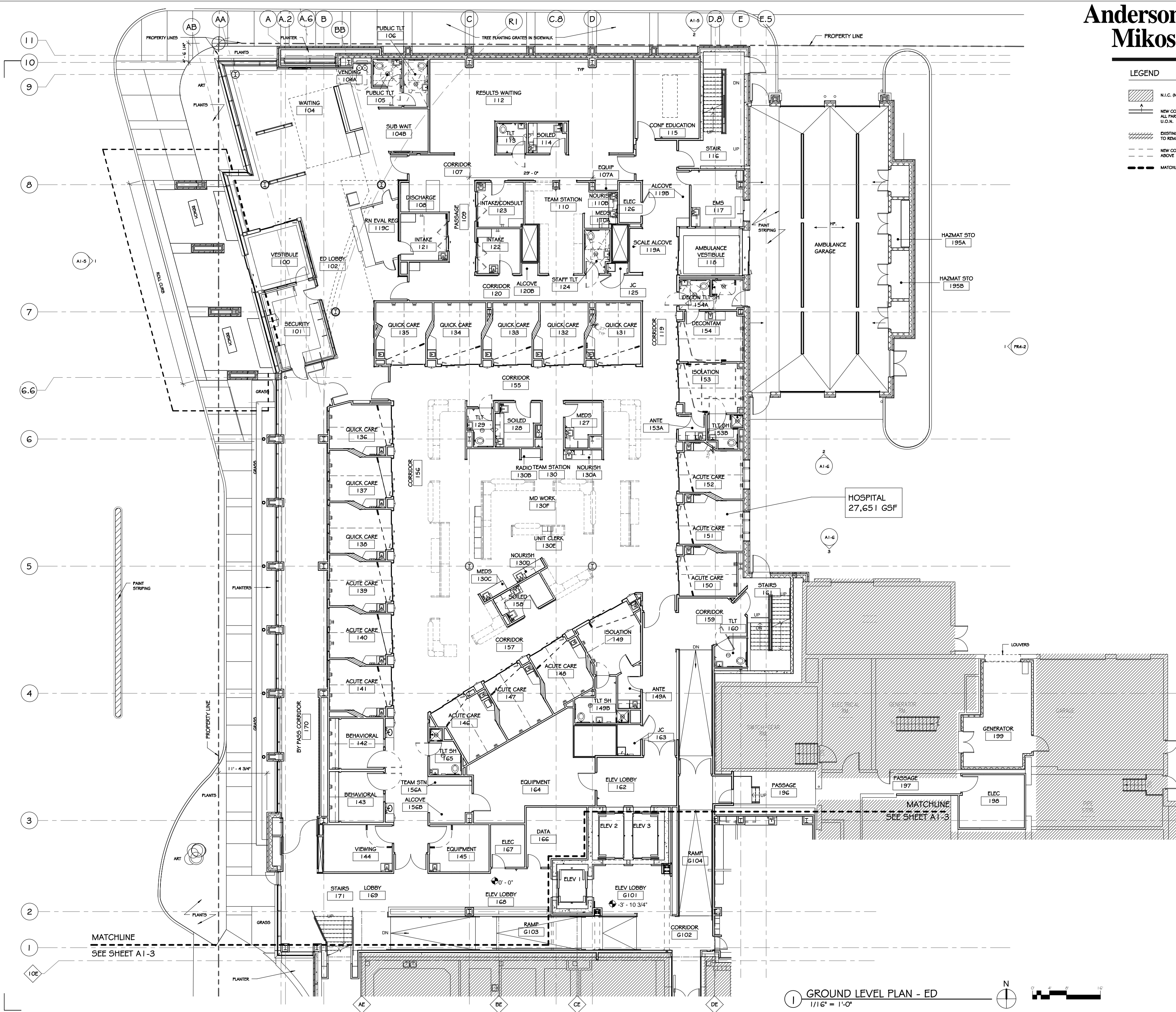
LOWER LEVEL PLAN - ED

EXHIBIT

**A1-2**

**LEGEND**

- N.I.C. (NOT IN CONTRACT)
- NEW CONSTRUCTION ALL PARTITIONS TYPE 'M' U.O.N.
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION ABOVE
- MATCHLINE



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DATE	NO.	DESCRIPTION
DATE: #/##/##	SCALE: As indicated	
DRAWN: IQ	JOB NO. 16250.00	
CHECKED: MUHADK		
APPROVED: DEM		

GROUND LEVEL PLAN - ED

EXHIBIT

GROUND LEVEL PLAN - ED  
1/16" = 1'-0"

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One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
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Fax 630 - 573 - 5176

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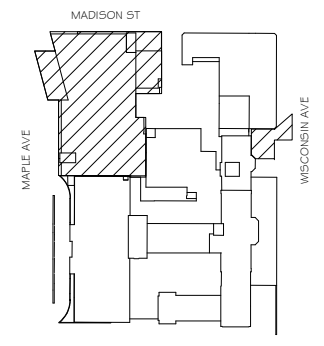
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**KLOA**  
Kentis, Lindgren, O'Hara, Associates, Inc.

- LEGEND**
- N.I.C. (NOT IN CONTRACT)
  - NEW CONSTRUCTION ALL PARTITIONS TYPE 'A' U.O.N.
  - EXISTING CONSTRUCTION TO REMAIN
  - NEW CONSTRUCTION ABOVE
  - MATCHLINE



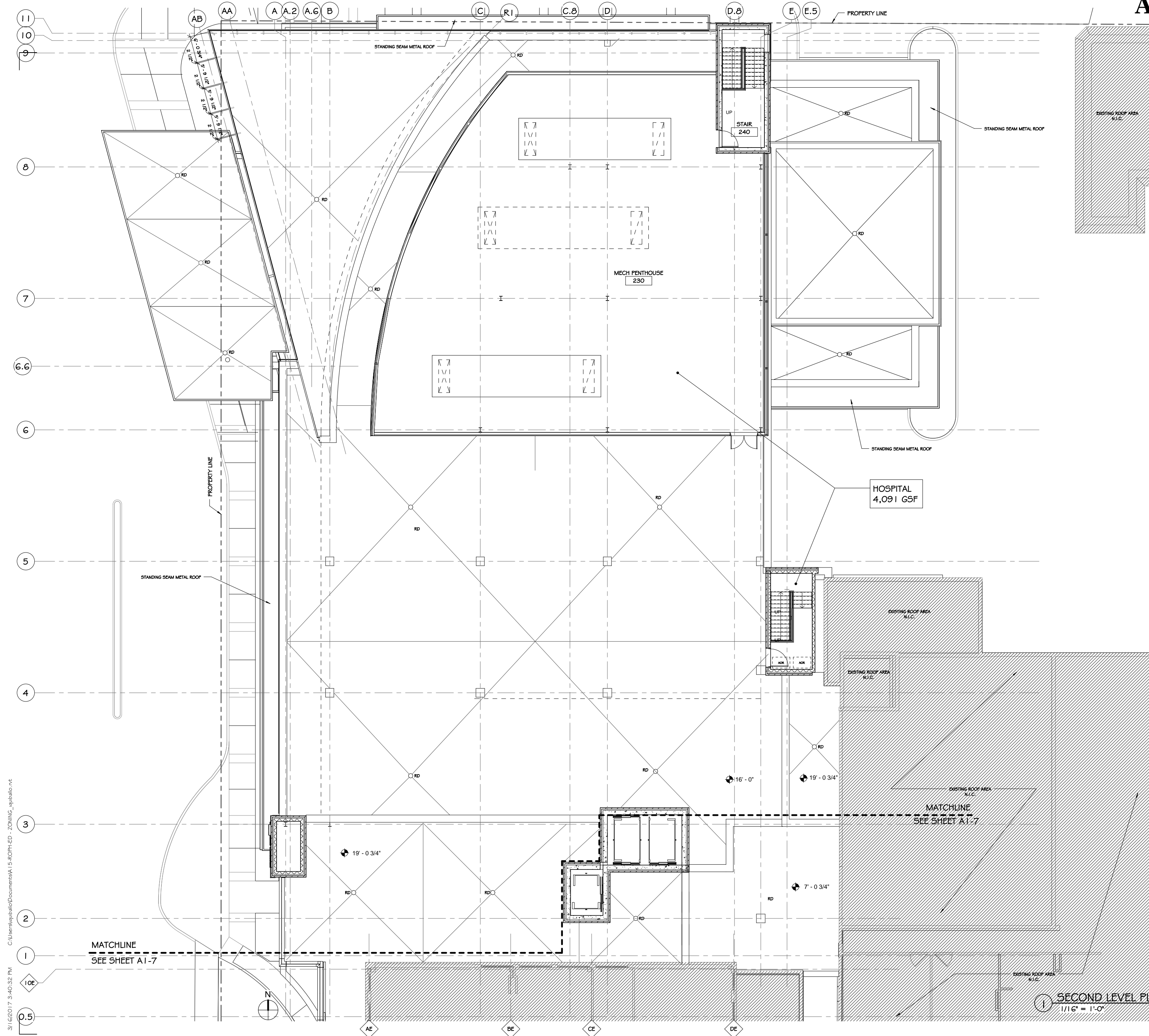
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DATE: #/##/##	SCALE:	As indicated
DRAWN: Author	JOB NO.:	16250.00
CHECKED: Checker		
APPROVED: ODM		

SECOND LEVEL PLAN - ED & PENTHOUSE

EXHIBIT

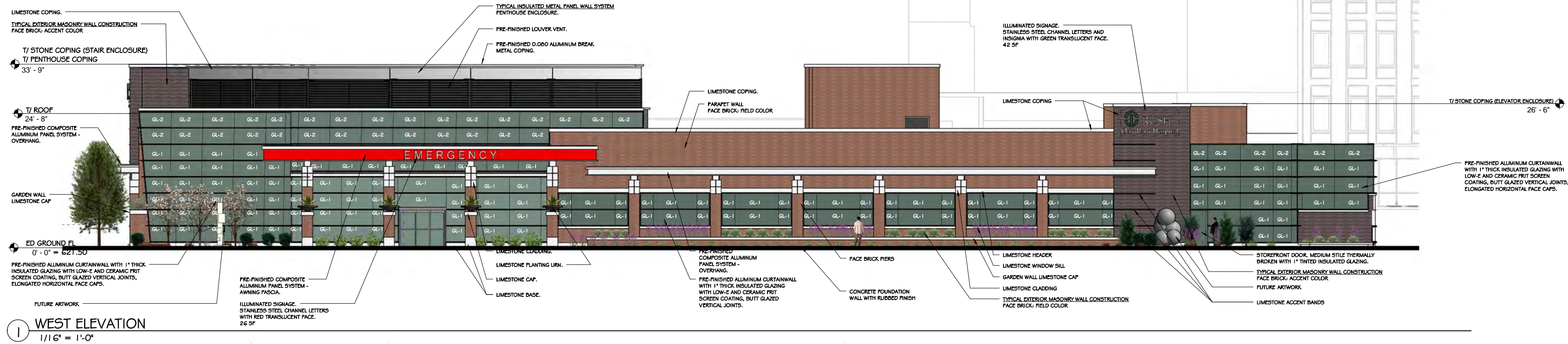
A1-4



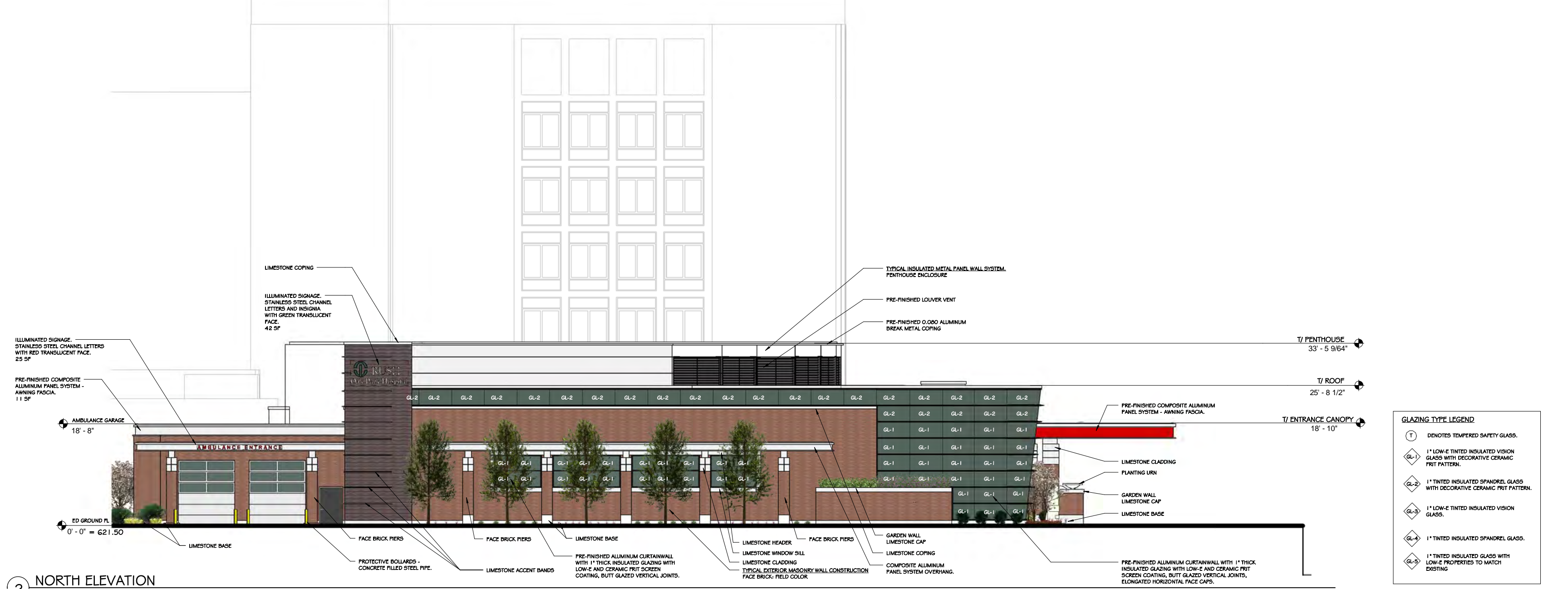
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SECOND LEVEL PLAN - ED & PENTHOUSE  
1/16" = 1'-0"





1 WEST ELEVATION  
1/16" = 1'-0"



2 NORTH ELEVATION  
1/16" = 1'-0"

KEY PLAN

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03/20/17		ISSUED FOR ZONING
DATE: #####	SCALE: As indicated	
DRAWN: HML	JOB NO. 16250.00	
CHECKED: MJH		
APPROVED: DEM		

**GLAZING TYPE LEGEND**

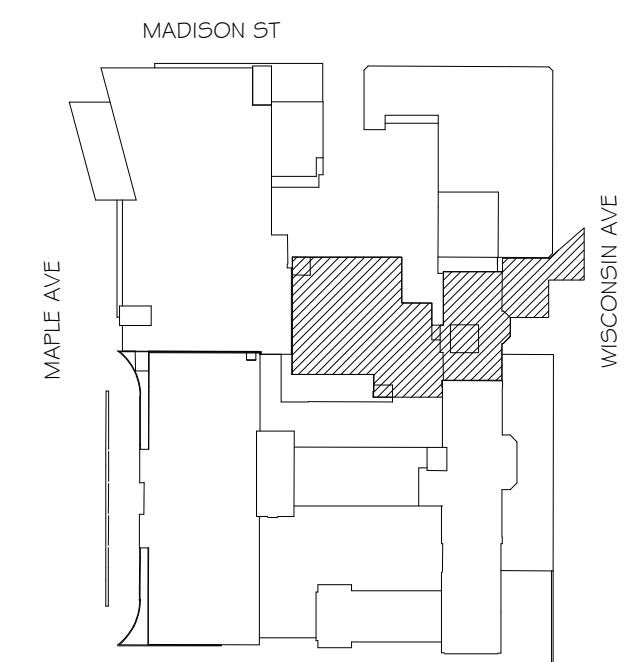
- (T) DENOTES TEMPERED SAFETY GLASS.
- (GL-1) 1" LOW-E TINTED INSULATED VISION GLASS WITH DECORATIVE CERAMIC FRIT PATTERN.
- (GL-2) 1" TINTED INSULATED SPANDREL GLASS WITH DECORATIVE CERAMIC FRIT PATTERN.
- (GL-3) 1" LOW-E TINTED INSULATED VISION GLASS.
- (GL-4) 1" TINTED INSULATED SPANDREL GLASS.
- (GL-5) 1" TINTED INSULATED GLASS WITH LOW-E PROPERTIES TO MATCH EXISTING

EXTERIOR ELEVATIONS

EXHIBIT

25. EXTERIOR LIGHTING PLAN





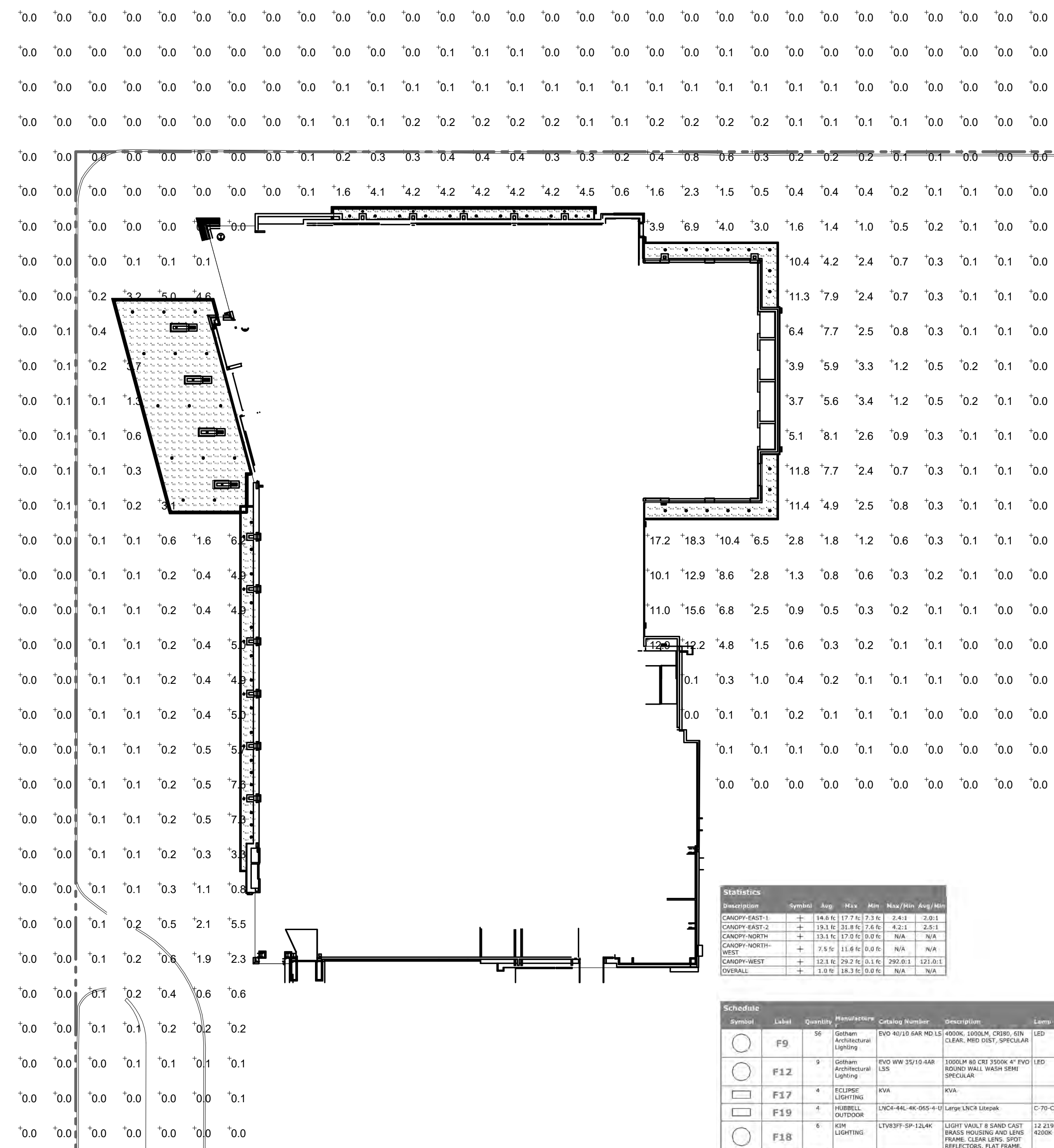
KEY PLAN

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DATE	NO.	DESCRIPTION
DATE: 03/10/17	SCALE: 1/2" = 1'-0"	
DRAWN: UST	JOB NO. 16250.00	
CHECKED: MKD		
APPROVED: DEM		

ROPH - EXTERIOR LIGHTING CALCULATIONS

E1.1-ED-0



Statistics

Direction	Summit	Area	Perim	Max/Min	Avg/Std
CANOPY WEST	10.0	11.0	11.0	11.0	11.0
CANOPY WEST 2	13.1	13.1	13.1	13.1	13.1
CANOPY WEST 3	13.1	13.1	13.1	13.1	13.1
CANOPY NORTH	1.9	1.9	1.9	1.9	1.9
CANOPY WEST	13.1	13.1	13.1	13.1	13.1
Overall	1.1	1.1	1.1	1.1	1.1

Schedule

Summit	Label	Quantity	Manufacturer	Catalog Number	Description	Mounting	Height	Footcandle	Footcandle/ft²	Light Loss	Footcandle
F9	Recessed Recessed lighting	1	OSRAM	OSRAM MR16-2/4	OSRAM MR16-2/4	LED	1.1	114.2	10.4	0.8	11.6
F12	Recessed Recessed lighting	1	OSRAM	OSRAM MR16-2/4	OSRAM MR16-2/4	LED	1.1	114.2	10.4	0.8	11.6
F17	Recessed Recessed lighting	1	OSRAM	OSRAM MR16-2/4	OSRAM MR16-2/4	LED	1.1	114.2	10.4	0.8	11.6
F19	Recessed Recessed lighting	1	OSRAM	OSRAM MR16-2/4	OSRAM MR16-2/4	LED	1.1	114.2	10.4	0.8	11.6
F18	Recessed Recessed lighting	1	OSRAM	OSRAM MR16-2/4	OSRAM MR16-2/4	LED	1.1	114.2	10.4	0.8	11.6

EXISTING BUILDINGS NOT INCLUDED IN CLACULATIONS

**1 ROPH - EXTERIOR LIGHTING CALCULATIONS**  
1/2" = 1'-0"

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The FUTURE Built SMARTER.™  
A Division of **IMEG** PROJECT # 160810.00  
Illinois Design Firm Registration #184-009973  
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REFERENCE SCALE IN INCHES  
0 1 2 3



## 26. SHADOW STUDY

## **26. SHADOW STUDY**

Shadow Study requirement is not applicable. The proposed development does not exceed the underlying zoning height and/or setbacks.

## 27. PRELIMINARY ENGINEERING PLAN



July 6, 2017

Village of Oak Park

Re: Rush Oak Park Hospital – Site Utilities Enabling Package

To Craig Failor:

Thank you for your comments. Our *responses* follow a summary of each of your comments:



**Tab 21 Landscape Plan:**

- 37. Remove 5 trees and grates from Madison frontage.  
*The proposed trees and grates from Madison have been removed.*
- 39. Show replacement tree on west side of Maple where dead tree was removed (2<sup>nd</sup> tree north of alley).  
*A new tree is now being shown on the Landscaping Plans.*
- 40. Revise plan to match civil plans based on comments for civil sheets.  
*The landscape plans have been updated accordingly.*
- 41. Provide maintenance agreement for landscaping in ROW.  
*It is the understanding of EEA that a maintenance agreement would be required if trees along the Madison frontage remained in the scope of work. Trees along Madison have been removed from the scope.*
- 42. Will landscaping beds be irrigated.  
*Automated Irrigation for the proposed landscaping beds is not currently in the scope of work, a hose bib shall be placed on the outside of the building to facilitate manual irrigation when needed.*

**Tab 27 Preliminary Engineering Plan:**

- 48. Dimension location of island relative to existing curbs (east and west) on Maple.  
*Dimensions have been added to Sheet C2-0 (back of curb to back of curb). The dimension to from the west face of the median to the west and east curb line is 26.9 LF and 10.5 LF respectively.*
- 49. Either revise curb taper length of add note that curb taper design will be finalized with final building plans. Revised taper slope is not adequate at 4:1, use engineering standards which will be at least double this length for a condition approaching a stop and longer for moving traffic.  
*The taper has been revised to include bump-out at the existing hospital drive apron, which transitions to existing on-street parking. The taper will result in a 4.5' curb taper over a length of 84 LF, resulting in a ratio that exceeds 18:1.*
- 56. Revise label to show Mill and overlay shall be 2.75" to allow for ¾" leveling binder and 2" HMA surface course.  
*Sheet C4-0 has been revised accordingly.*
- 58. Show replacing existing signage on Madison and Maple being removed with this project or add note that it will be shown on final building plans. New sign posts shall be Village's standard green powder coated telescoping steel sign supports.  
*The Note on Sheet C0-1 has been revised accordingly.*

59. Replace alley return on Maple using 9" pcc pavement with minimum 4" aggregate subbase, not asphalt.  
*The pavement for the alley return has been revised to be concrete.*
66. Move inspection manhole #101 between curb and main public sidewalk area on Madison by ambulance entrance (not on street).  
*MH #101 has been relocated to the sidewalk.*
67. Add note that proposed street lighting work for removals, proposed conduits and wiring will be shown with final building permit drawings.  
*This work is being done by others. A note has been added to Sheet C3-0 stating that this work shall be shown for coordination purposes for the final building permit.*

**New Comments from resubmittal:**

1. Proposed cul-de-sac will result in loss of two (2) Village parkway trees. Upon resubmittal the Village Forestry Supervisor will review and comment. These trees will need to be compensated for. Please contact Rob Sproule at 708/358-5740.  
*Acknowledged. The cul-de-sac is now being shown in the tree preservation plan, with a preliminary estimate of one tree loss (the cul-de-sac can be shifted to allow more room for the existing trees if needed). Once it is determined if the cul-de-sac will be a part of this project scope a more detailed plan shall be created and the loss of trees will be compensated.*

Very truly yours,

Eriksson Engineering Associates, Ltd.



Christopher Fish, PE  
Project Engineer



# RUSH OAK PARK HOSPITAL EMERGENCY DEPARTMENT ADDITION

520 S MAPLE AVE  
OAK PARK, IL

**SURVEY PROVIDED BY:**

NATIONAL SURVEY SERVICE, INC.  
PROFESSIONAL LAND SURVEYORS  
30 S. MICHIGAN AVENUE, SUITE 200  
CHICAGO, ILLINOIS 60603  
WWW.NATIONALSURVEYSERVICE.COM

**PROJECT BENCHMARKS**

ELEVATIONS SHOWN HEREON ARE MEASURED IN RELATION TO NAVD 88 BENCHMARK.

DESIGNATION - W 133  
PID - ME1649  
STATE/COUNTY - IL/COOK  
USGS QUAD - RIVER FOREST (1997)

VERT ORDER - SECOND CLASS 1

ELEVATION: NAVD 88 ORTHO HEIGHT 643.63 FT.

STATION DESCRIPTION:

BENCHMARK SET VERTICALLY IN THE NORTH BRICK WALL OF THE HATFIELD ELECTRIC COMPANY BUILDING AT 6478 W. NORTH AVENUE, 47 FEET EAST OF THE EAST CURB OF MATCHES AVENUE, 35 1/2 FEET WEST OF THE NORTHEAST CORNER OF THE BUILDING, AND ABOUT 3 FEET ABOVE THE LEVEL OF AN ALLEY.

**J.U.L.I.E.**

Note: The exact location of all utilities shall be verified by the contractor prior to construction activities. For utility locations call: J.U.L.I.E. 1 (800) 892-0123

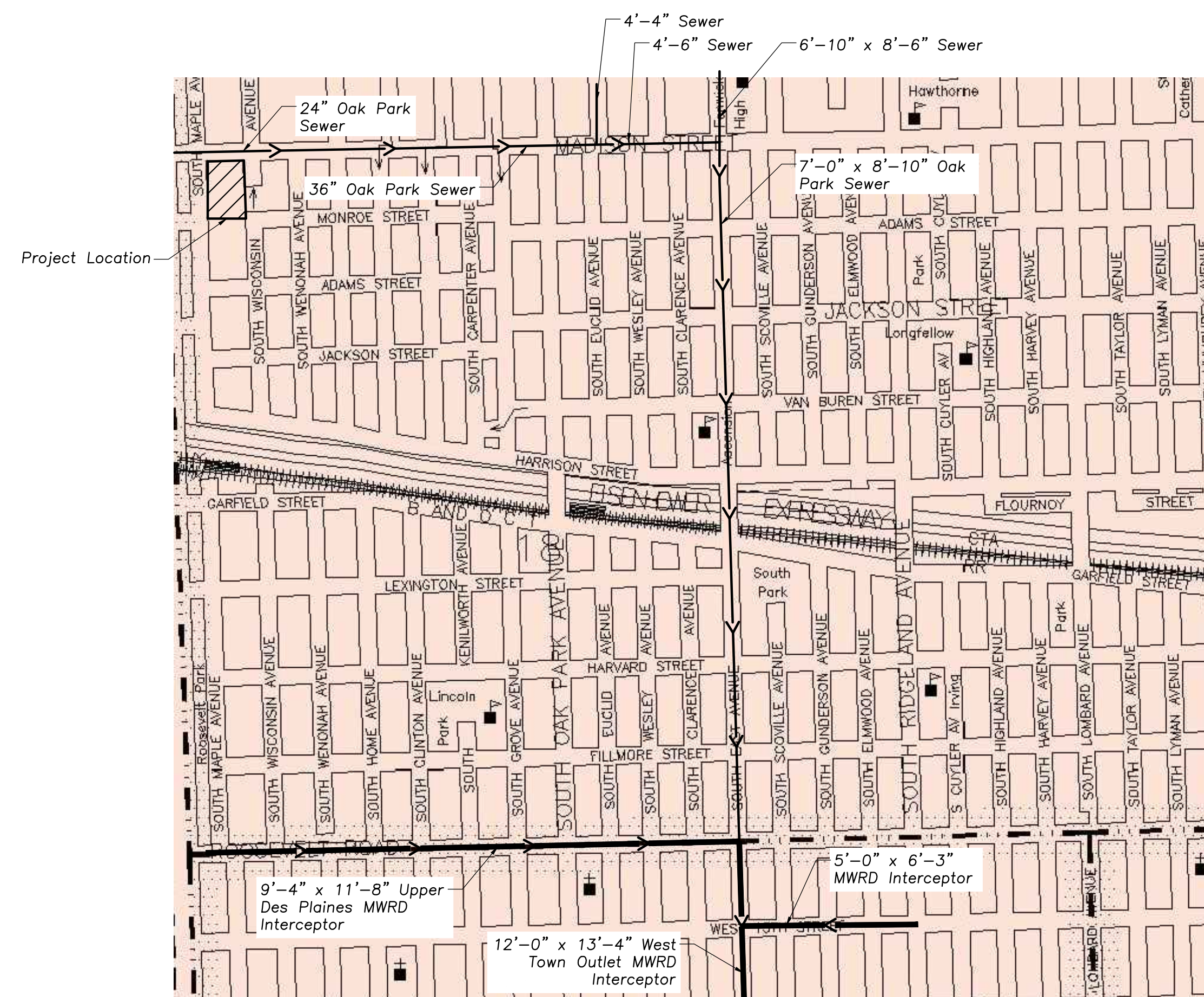
**INDEX OF SHEETS**

- CO-0 Civil Engineering Cover Sheet
- CO-1 Site General Notes
- C1-0 Site Demolition Plan
- C2-0 Site Geometry Plan
- C3-0 Site Utility Plan
- C4-0 Grading and Paving Plan
- C5-0 Soil Erosion and Sedimentation Control Plan
- C6-0 Site Work Details
- C6-1 Site Work Details
- C7-0 Detention Details
- C7-1 Detention Details
- L1-0 Landscape Plan
- L1-1 Landscape Details
- L1-2 Tree Preservation Plan

**ARCHITECT:**  
Anderson Mikos Architects, Ltd.  
One Park View Plaza  
17W110 22nd St., Suite 200  
Oak Brook Terrace, IL 60181  
630-573-5149  
Attn: Mike Hurt

**CIVIL ENGINEER:**  
Eriksson Engineering Assoc., Ltd.  
145 Commerce Dr., Suite A  
Grayslake, IL 60030  
847-223-4804  
Kevin Camino, P.E.  
Kevin Camino, P.E.

**OWNER:**  
Rush Oak Park Hospital



SITE LOCATION MAP (N.T.S.)

One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

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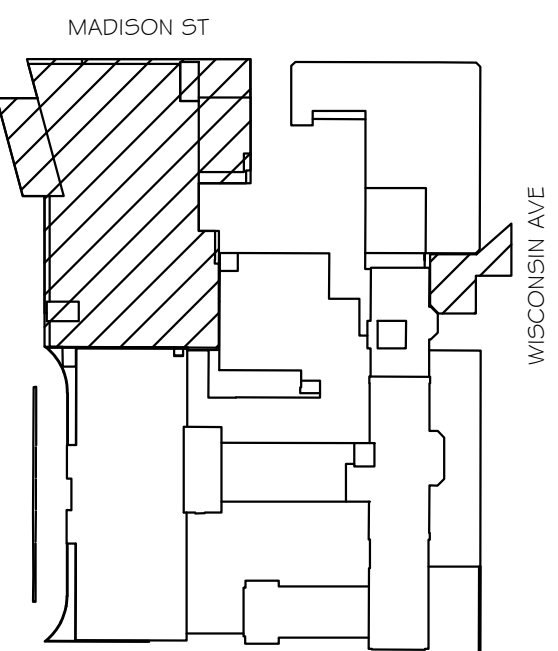


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www.kjww.com



STRUCTURAL ENGINEERS

105 W. MADISON STREET CHICAGO, IL 60602



KEY PLAN

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DATE	NO.	DESCRIPTION
07/05/17	1	ZONING COMMENTS
06/05/17	2	ZONING COMMENTS
05/01/17	3	ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17	4	ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17	5	ISSUED FOR ZONING
11/15/16	6	ISSUED FOR DESIGN DEVELOPMENT

DATE: 11/15/16 SCALE: AS NOTED

DRAWN: CMF JOB NO.

CHECKED: TH

APPROVED:



EXPIRATION DATE: 11/30/17



145 COMMERCE DRIVE, SUITE A  
GRAYSLAKE, ILLINOIS 60030  
PHONE: (847) 223-4804  
FAX: (847) 223-4864  
EMAIL: INFO@EEA-LTD.COM  
PROFESSIONAL DESIGN FIRM  
LICENSE NO. 184-003220  
EXPIRES: 04/30/2017

NOT FOR CONSTRUCTION

CIVIL ENGINEERING  
COVER SHEET

CO-0

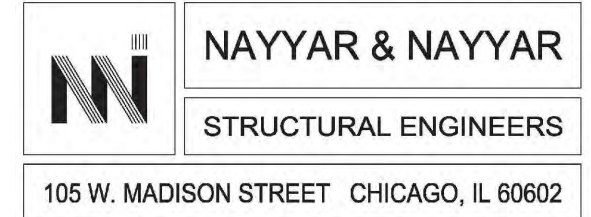




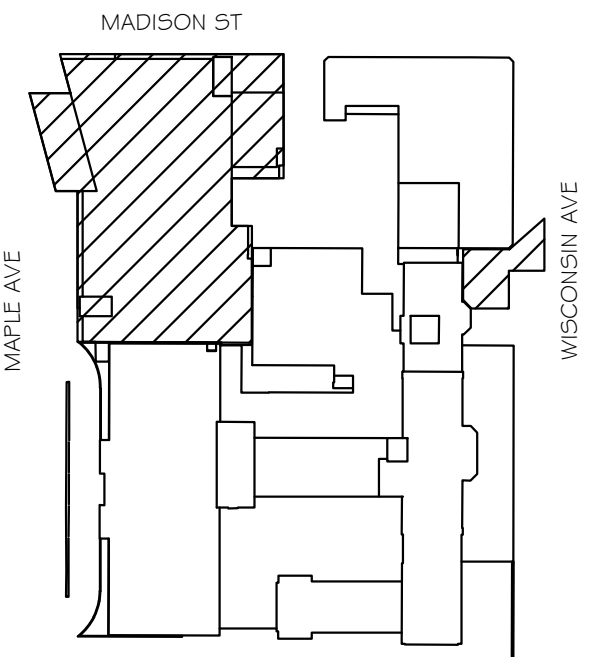
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EMERGENCY DEPARTMENT  
ADDITION  
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OAK PARK, IL 60304



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KEY PLAN

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07/05/17		ZONING COMMENTS
06/05/17		ZONING COMMENTS
05/01/17		ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17		ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17		ISSUED FOR ZONING
11/19/16		ISSUED FOR DESIGN DEVELOPMENT

DATE	NO.	DESCRIPTION
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DATE: 11/15/16 SCALE: AS NOTED

DRAWN: CMF JOB NO.

CHECKED: TH

APPROVED:



EXPIRATION DATE: 11/30/17

NOTES

## SOIL EROSION & SEDIMENTATION CONTROL NOTES

- Illinois Urban Manual Shall Govern All Soil Erosion and Sediment Control, and Related Work.
- Contractor Shall Be Responsible for Compliance With IEPA NPDES and ILR10 Permit Requirements for Project.
- Soil Disturbance Shall Be Conducted in Such a Manner as To Minimize Erosion. Soil Stabilization Measures Shall Consider the Time of Year, Site Conditions, and the Use of Temporary or Permanent Measures.
- Soil Erosion and Sediment Control Features Shall Be Constructed Prior to the Commencement of Upland Disturbance.
- Temporary Soil Stabilization Shall Be Applied to Topsoil Stockpiles and Disturbed Areas Where Construction Activity Will Not Occur For a Period of More Than 14 Calendar Days. Temporary Measures Shall Be Applied Within 7 Calendar Days of the End of Active Hydrologic Disturbance. The Sediment Control Measures Shall Be Maintained On a Continuing Basis Until the Site is Permanently Stabilized And All Inspections Are Complete. Permanent Stabilization Shall Be Completed Within 14 Days after Completion of Final Grading of Soil.
- All Temporary And Permanent Erosion Control Measures Shall Be Removed Within 30 Days after Final Site Stabilization is Achieved Or after the Temporary Measures Are No Longer Needed. Trapped Sediment And Other Disturbed Soil Areas Shall Be Permanently Stabilized.
- Final Site Stabilization is Defined By The EPA General Permit as Meaning That All Soil Disturbing Activities At The Site Have Been Completed, And That A Uniform Permanent Vegetative Cover With A Density Of 70 Percent Of The Cover For Unpaved Areas Not Covered By Permanent Structures Has Been Established Or Equivalent Permanent Stabilization Measures (Such As The Use of Riprap, Gabions, Or Geotextiles) Have Been Employed.
- All Storm Sewer Structures That Are, Or Will Be, Functioning During Construction Shall Be Protected, And Inspected in Conformance With All Applicable IEPA-NPDES Phase II.
- Following the Termination Of Construction Activities And Issuance Of The Required "Notice Of Termination", The Permittees Must Keep A Copy Of The Storm Water Pollution Prevention Plan, Inspection Reports, And Records Of All The Data Used To Complete The Notice Of Intent For A Period Of At Least Three Years Following Final Stabilization.
- Install And Maintain Silt Fence At The Perimeter Of The Construction Zone And Wetland Areas And As Shown On The Plans. Maintain Silt Fence Throughout Construction Until Vegetation Has Been Fully Established.
- Contractor Shall Provide Qualified Soil Erosion and Sediment Control Inspector Services in Accordance with NPDES and Governmental Requirements. Inspections Shall Occur at Every Sewer Calendar Day Or Within 24 Hours of a 0.5" or Greater Rainfall Event. Engineer Shall Be Copied on Inspection Logs.
- The Erosion Control Measures Indicated On The Drawings Are The Minimum Requirements. Additional Measures May Be Required As Directed By The Qualified Soil and Erosion Sediment and Control Inspector Or Governing Agency.
- Report Releases of Reportable Quantities of Oil or Hazardous Materials If They Occur in Accordance with IEPA NPDES Requirements.
- All Concrete Washout Shall Conform To The Temporary Concrete Washout Facility Standards (Code 954) of the Illinois Urban Manual, Latest Edition.
- If Necessary, The SWPPP Shall Be Modified To Reflect Changes Required During The Effective Period Of The IEPA NPDES General Permit No ILR10 and Local and County Permits.
- Dewatering of Excavations Shall be Performed in a Manner Such as through the use of Filter Bags or Polymer Treated Dewatering Swales, so as to Not Discharge Sediment Laden Water into Storm Sewers Tributary to Open Water.

## GRADING NOTES

- The Grading and Construction of Proposed Improvements Shall Be Done in A Manner Which Will Allow For Positive Drainage, and Not Cause Ponding of Stormwater on the Surface of Proposed Improvements.
- All Landscaped Areas Disturbed By Construction Shall Be Regraded With 6 Inches (Min.) to 12 Inches (Max.) Topsoil and Hydroseeded Unless Noted Otherwise On The Landscape Drawings.
- Accessible Parking Spaces and Loading Spaces Shall Be Sloped at Maximum 2.0% in Any Direction. Maximum Sidewalk Cross Slopes Shall be 2.0%. Maximum Longitudinal Sidewalk Slope Shall be 4.9%. Contact Engineer if Conflicts Exist.

## UTILITY NOTES

- Utility Service Lines as Shown Hereon are Approximate. Coordinate the Exact Locations With The Plumbing Drawings. Coordinate the Locations With The Plumbing Contractor and/or the Owner's Construction Representative Prior to Installation of Any New Utilities.
- Refer to Plumbing Drawings for Continuation of All Utilities Within 5 Feet of Building Face.
- Field Verify Invert & Locations of Existing Utility Mains Prior to Installing Any On-Site Utilities or Structures. All Elevations and Inverts Referencing Soil Utility Shall Be Field Verified Prior To Installation of Any New Structures Or Utilities, and Adjustments Shall Be Made as Necessary. Contact Engineer Prior to Installation if Discrepancy Exists With These Drawings.
- Coordinate the Relocation Of Any Utilities Encountered And Replacement of Any Utilities Damaged Within Influence Zone of New Construction. Contact Engineer if The Existing Utilities Vary Appreciably From The Plans.
- All Water Main and Services Shall be Installed at a Minimum Depth of 5.5' From Top of Finished Ground Elevation to Top of Main.
- Provide Adequate Coupling Device and/or Oversized Concrete Flared-End Section to Accommodate HDPE Storm Sewer.
- The "Standard Specifications for Water and Sewer Main Construction in Illinois", Current Edition Shall Govern Work Where Applicable.
- PVC Sewer Pipe Shall be Minimum SDR 26.

## STRUCTURE NOTES

- All Catch Basins to Be Installed in Paved Areas Shall Have Neenah R2204-O Frame & Grate or Approved Equal.
- All Catch Basins to Be Installed in Landscaped Areas Shall Have Neenah R4340-B Frame & Grate or Approved Equal. For Cone Sections Install a Minimum of 4" Grade Rings For Topsoil Retention. For Flat Slope Top install the Following Minimum Height of Grade Rings:  
4" Diameter Structure - 4"  
5" Diameter Structure - 6"  
6" Diameter Structure - 8"
- All Catch Basins to Be Installed Along Curb and Gutter (B-6-12) Shall Have Neenah R3281-A Frame & Grate or Approved Equal.
- All Catch Basins to Be Installed Along Depressed Curb and Gutter (Dep B-6-12) Shall Have East Jordan Iron Works 5120 Catch Basin Inlet Frame and Grate, or Approved Equal.
- Where Structures are Shown Along the Curbside, Unless Specifically Stated Otherwise, It is Intended That the Frame of the Structure is to Fall Within the Flowline of the Gutter or at the Pavement Edge Where No Gutter Exists.
- All Manholes Shall Have Neenah R1713-B Frame & Closed Lid or Approved Equal, with "Storm" or "Sanitary" Imprinted as Appropriate.
- For All Manhole Structures to Be Adjusted, Install or Remove Adjusting Rings, New Cone Section or New Barrel Section As Necessary.
- All Sanitary Manholes Shall Include a Chimney Seal.

## INTENDED SEQUENCE OF MAJOR SEDIMENT AND EROSION CONTROL MEASURES

- Install Stabilized Construction Entrance
- Install All Downslope and Sideslope Perimeter Controls Before Commencement of Any Ground Disturbing Activity
- Do Not Disturb An Area Until it is Necessary For Construction To Proceed
- Cover and Stabilize Disturbed Areas As Soon As Possible
- When Practical, Time Construction Activities To Limit Impact From Seasonal Climate Changes or Weather Events
- Construct Sedimentation Basins and Structures
- Perform Grading Operations and Installation of Site Infrastructure and Pavement
- Install Permanent Seeding and Plantings
- Remove Accumulated Sediment From Basins and Along Silt Fence
- Construction of Infiltration Measures Shall Take Place Following Stabilization of Upstream Drainage Areas
- Remove Temporary Sediment and Erosion Control Measures Following Final Stabilization of All Disturbed Areas

## MWRDGC SESC NOTES

- Erosion And Sediment Control  
1. The Contractor Shall Install The Erosion And Sediment Control Devices As Shown On The Approved Erosion And Sediment Control Plan.  
2. Erosion And Sediment Control Practices Shall Be Functional Prior To Hydrologic Disturbance.  
3. All Design Criteria, Specifications, And Installation Of Erosion And Sediment Control Practices Shall Be In Accordance With The Illinois Urban Manual.  
4. A Copy Of The Approved Erosion And Sediment Control Plan Shall Be Maintained On The Site At All Times.  
5. Inspections And Documentation Shall Be Performed, At A Minimum:  
(a) Upon Completion Of Initial Erosion And Sediment Control Measures, Prior To Any Soil Disturbance  
(b) Once Every Seven (7) Calendar Days And Within 24 Hours Of The End Of A Storm Event With Greater Than 0.5 Inch Of Rainfall Or Liquid Equivalent Precipitation.  
6. Soil Disturbance Shall Be Conducted In Such A Manner As To Minimize Erosion. If Striping, Grading, Or Landscaping Are To Be Done In Phases, The Co-Permittee Shall Plan For Appropriate Soil Erosion And Sediment Control Measures.  
7. A Stabilized Mat Of Crushed Stone Meeting The Standards Of The Illinois Urban Manual Shall Be Installed At Any Point Where Traffic Will Be Entering Or Leaving A Construction Site. Sediment Or Soil Reaching An Improved Public Right-Of-Way, Street, Alley Or Parking Area Shall Be Removed By Scraping Or Street Cleaning As Accumulations Warrant And Transported To A Controlled Sediment Disposal Area.  
8. Concrete Washout Facilities Shall Be Constructed In Accordance With The Illinois Urban Manual And Shall Be Installed Prior To Any On Site Construction Activities Involving Concrete.  
9. Temporary Diversion Shall Be Constructed As Necessary To Direct All Runoff From Hydrologically Disturbed Areas To An Appropriate Sediment Trap Or Basin. Volume Control Facilities Shall Not Be Used As Temporary Sediment Basins.  
10. Disturbed Areas Of The Site Where Construction Activities Have Temporarily Or Permanently Ceased Shall Be Stabilized With Temporary Or Permanent Measures Within Seven (7) Days.  
11. All Flood Protection Areas And Volume Control Facilities Shall, At A Minimum, Be Protected With A Double-Row Of Silt Fence (Or Equivalent).  
12. Volume Control Facilities Shall Not Be Constructed Until All Of The Contributing Drainage Area Has Been Stabilized.  
13. Soil Stockpiles Shall, At A Minimum, Be Protected With Perimeter Sediment Control. Soil Stockpiles Shall Not Be Placed In Flood Protection Areas Or Near Erivers.  
14. Earthen Embankment Side Slopes Shall Be Stabilized With Appropriate Erosion Control blanket.  
15. Storm sewers that Are Or Will Be Functioning During Construction Shall Be Protected With Appropriate Sediment Control Measures.  
16. The Contractor Shall Either Remove Or Replace Any Existing Drain Tiles And Incorporate Them Into The Final Storm Sewer System.  
17. If Dewatering Services Are Used, Adjoining Properties And Discharge Locations Shall Be Protected From Disturbance And Sedimentation. Discharge Locations Shall Be Inspected Daily During Operational Periods. The Site Inspector Must Be Present At All Times To Ensure That Discharge Locations Are Protected.  
18. The Contractor Shall Be Responsible For Trench Dewatering And Excavation For The Installation Of Sanitary Sewers, Storm Sewers, Watermain(s) As Well As Any Services And Other Structures. Any Trench Dewatering, Which Contains Sediment Shall Pass Through A Sediment Settling Pond Or Equivalently Effective Sediment Control Device. Alternatives May Include Twisting Into A Sump Pit, Filter Bag Or Existing Vegetated Uplands Area. Sediment Laden Waters Shall Not Be Discharge To Waterways, Flood Protection Areas Of The Combined Sewer System.  
19. All Permanent Erosion Control Practices Shall Be Initiated Within Seven (7) Days Following the Completion Of Soil Disturbing Activities.  
20. All Erosion And Sediment Control Measures Shall Be Maintained And Repaired As Needed On A Year-Round Basis During Construction And Any Periods Of Construction Shutdown When Permanent Stabilization is Achieved.  
21. All Temporary Erosion And Sediment Control Measures Shall Be Removed Within Thirty (30) Days After Permanent Site Stabilization.  
22. The Erosion And Sediment Control Measures Shown On The Plans Are The Minimum Requirements. Additional Measures May Be Required, As Directed By The Engineer, Site Inspector, Or MWRD.

## DEMOLITION NOTES

- All Privately Owned Signs To Be Removed Shall Be Salvaged and Stored in the Owner's Facility for Future Use as Applicable Unless Otherwise Noted. All Signs Located in the Maple or Madison Public R.O.W. to Be Removed with This Project Shall Be Replaced in Kind with New Posts as Noted in the Geometry Notes.
- Keep All City Streets Free and Clear of Construction Related Dirt/Dust/Debris.
- Coordinate Existing Utility Removal with Local Authorities and Utility Companies Having Jurisdiction.
- Coordinate Removal of Overhead Wires And Utility Poles With Authorities Having Jurisdiction And Respective Utility Providers.
- The Existing Building is to Remain Operational During Construction. Therefore, the Temporary Relocation of All Necessary Utilities Serving the Existing Building Shall Be Coordinated Prior to the Commencement of Construction Operations.
- All Sweeping Shall be Full Depth to provide a Clean Edge to Match New Construction. Match Existing Elevations at Points of Connection for New and Existing Pavement, Curb, Sidewalks, etc. All Sawcut Locations Shown Are Approximate and May Be Field Adjusted to Accommodate Conditions, Joints, Material Type, etc. Remove Minimum Amount Necessary for installation of Proposed Improvements.
- Provide and Maintain All Necessary Traffic Control and Safety Measures Required During Demolition and Construction Operations Within or Near the Public Roadway.
- All Light Poles to Be Removed From Private Property Shall Be Removed in Their Entirety, Including Base and All Appurtenances. Coordinate Abandonment of Electrical Lines With Electrical Engineer and Owner Prior to Demolition.
- Perform Tree Pruning in All Locations Where Proposed Pavement And/Or Utility Installation Encroach Within The Existing Drip Line Of Trees To Remain. All Trenching Within The Drip Line Of Existing Trees To Remain Shall Be Done Radially Away From Trunk If Roots In Excess Of 1" Diameter Are Exposed. Roots Must Be Cut By Reputable Tree Pruning Service Prior to Any Transverse Trenching. Obtain Approval Of The Architect Prior To Operations For A Variance From This Procedure.
- Coordinate Tree Removal with Landscape Architect. All Trees To Be Removed Shall Be Removed in Their Entirety and Stumps Shall Be Ground to a Minimum 18" Below Finished Grade. Use As Much as Possible for Proposed Landscaping Where Applicable and Acceptable to Architect.
- Provide Tree Protection Fencing Prior To Construction Operations. Maintain Throughout Construction. See Detail Sheets for Village Specified Tree Protection Requirements.

## GEOMETRY NOTES

- All Dimensions Contained Herein Reference Back Of Curb, Face Of Retaining Wall, Edge Of Pavement, Center of Structure And Outside Face Of Building Foundation Unless Otherwise Noted.
- All Pavement Striping Shall Be 4" Wide Yellow Paint Per Specifications Unless Otherwise Noted. All Cross Hatch Striping Shall be 45° At 2'-0" Centers.
- All Accessible Parking Signs (R7-B) Must Be Placed at the Center of the Space and Within 5 Feet of the Space.
- Refer to Architectural Drawings for Exact Locations of All Buildings.
- Refer to Architectural Drawings for Locations and Details of All Permanent Site Fencing.
- Traffic Sign Posts Shall Be Breakaway, Green Powder Coated, Telescoping Posts, 2-1/2"/ft, 11 Gauge Steel, Embedded 42" Minimum into Ground.
- Tactile Warning Tiles shall be Cast in Plates.

## GENERAL NOTES

- The Location of Existing Underground Utilities, Such As Watermain, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and is Given For the Convenience of the Contractor. However, The Owner and the Engineer Do Not Assume Responsibility in the Event That During Construction Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features are Different Than Shown On The Drawings.
- Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
- Notify The Owner, Engineer and The City of Oak Park A Minimum of 48 Hours in Advance of Performing Any Work.
- All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is incumbent Upon Contractor to Show that Damaged Areas Were Not Disturbed By Construction Operations.
- These Drawings Assume That the Contractor Will Utilize An Electronic Drawing File (DWG) and Stake All Site Improvements Accordingly.
- No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
- The Engineer is Furnishing These Drawings For Construction Purposes As a Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions and Locations of Buildings With The Foundation Drawings and Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
- Provide An As-Built Survey Prepared By A Licensed Professional Land Surveyor in Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rims and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.
- The Illinois Department of Transportation Standard Specifications For Road And Bridge Construction Latest Edition, And All Addenda Therein, Shall Govern The Earthwork And Paving Work Under This Contract Unless Noted Otherwise.

## IEPA GENERAL NOTES

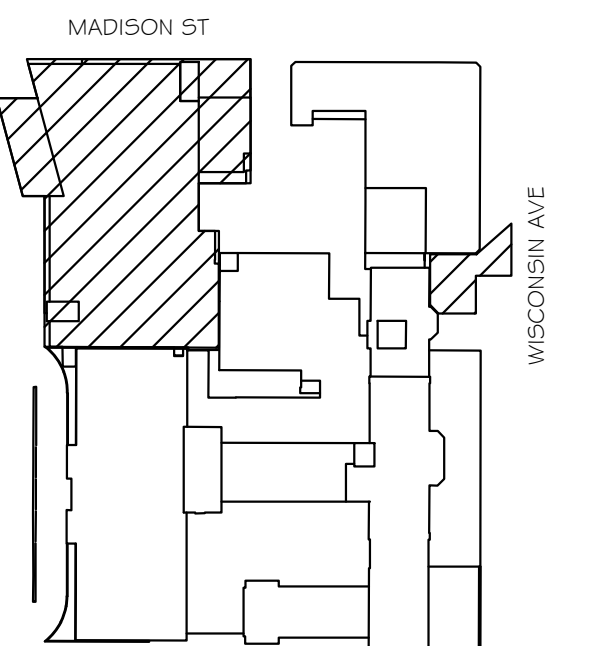
- Sanitary Sewer Construction, as a Minimum, must comply with the following requirements:
- Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition, shall govern all sanitary sewer construction on this project.
- Protection of water supplies shall be as described in Section 370.350 of the Illinois Recommended Standards for Sewage Works or Section 41-2.01 of the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition.
- Flexible thermoplastic sanitary sewer pipe shall be installed in accordance with ASTM 2321-89 using embedment material. Processed materials produced for highway construction should be classified in accordance with ASTM 2321-89, Section 5 and Table 1 according to particle size, shape and gradation.
- Sewer bedding for rigid pipe sanitary sewers shall be Class B in accordance with ASTM D2321 as described in Appendix 'A' of the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition.
  - All sanitary sewers shall be tested for infiltration, exfiltration or exfiltration of air under pressure, and for deflection of flexible thermoplastic pipe as described in Section 31-1 of the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition.
  - Rickholes in sanitary sewer manhole covers shall not be larger than 1 inch in diameter or shall be of the concealed type.
  - A drop pipe shall be provided for a sanitary sewer entering a manhole where its invert is more than 24 inches above the manhole invert.
  - Contractor shall test manhole tightness in accordance with ASTM C969-94 or ASTM C1244-93.
  - Leakage Testing Shall Be Conducted On All Manholes For Water-tightness in Accordance With ASTM C969-94 "Standard Practice For Infiltration And Exfiltration Acceptance Testing Of Installed Precast Concrete Pipe Sewer Lines", Vol. 04.05, Chemical Resistant Materials, Vitrified Clay, Concrete, Fiber-Cement Products, Mortars; Masonry (1999) (No Later Editions Or Amendments) Or ASTM C1244-93 "Standard Test Method For Concrete Sewer Manholes By The Negative Pressure (Vacuum) Test", Vol. 04.05, Chemical Resistant Materials, Mortars; Masonry (1999) (No Later Editions Or Amendments) Prior To Placing Into Service.
  - When Connecting To An Existing Sewer Main By Means Other Than An Existing Man, Tee, Or An Existing Manhole, One Of The Following Methods Shall Be Used:  
(a) A Circular Saw-Cut Of Sewer Main By Proper Tools ("Sawer-Top" Machine Or Similar) And Proper Installation Of Hubway Saddle Or Hub-Tee Saddle.  
(b) Remove An Entire Section Of Pipe (Breaking Only The Top Of One Bell) And Replace With A New Or Use Branch Section.  
(c) With Pipe Cutter, Cut Off Pipe Accurately, Cut Out Desired Length Of Pipe, Fit Insertion Proper Fitting, Using "Bond Seal" Or Similar Couplings To Hold It Firmly In Place.
  - Whenever A Sanitary/Combined Sewer Crosses Under A Watermain, The Minimum Vertical Distance From The Top Of The Sewer To The Bottom Of Watermain Shall Be 18 Inches. Furthermore, A Minimum Horizontal Distance Of 10 Feet Between Sanitary/Combined Sewers And Watermain Shall Be Maintained Unless The Sewer is Laid in A Separate Trench, Keeping A Minimum 18" Vertical Separation. If The Sewer is Laid In The Same Trench With The Watermain Located At The Opposite Side On A Bench Of Undisturbed Earth, Keeping A Minimum 18" Vertical Separation, If Either The Vertical Horizontal Distances Described Above Cannot Be Maintained, Or The Sewer Crosses Above The Watermain, The Sewer Shall Be Constructed To Watermain Standards.
  - All Existing Septic Systems Shall Be Abandoned. Abandoned Tanks Shall Be Filled With Grout/Or Material Or Removed.
  - All Sanitary Manholes, (And Storm Manholes in Combined Sewer Areas), Shall Have A Minimum Inside Diameter Of 48 Inches, And Shall Be Cast In Place Or Pre-Cast Reinforced Concrete.
  - All Sanitary Manholes, (and Storm Manholes in Combined Sewer Areas), Shall Have Precast "Rubber Boots" That Conform To Astm C-923 For All Pipe Connections. Precast Sections Shall Consist Of Modified Groove Tongue And Rubber Gasket Type Joints.
  - All Abandoned Sanitary Sewers Shall Be Plugged At Both Ends With At Least 2 Feet Long Non-shrink Concrete Or Mortar.
  - Except For Foundation/Footing Drains Provided To Protect Buildings, Or Perforated Pipes Associated With Volume Control Facilities, Drain Tiles/Field Tiles/Underdrains/Perforated Pipes are Not Allowed To Be Connected To Or Installed In Combined Sewers, Sanitary Sewers, Storm Sewers Tributary To Combined Sewers, or Construction of New Facilities of New Facilities of Existing Facilities. Construction of New Facilities of New Facilities Encountered Within The Project Area Shall Be Plugged Or Removed And Shall Not Be Connected To Combined Sewers, Sanitary Sewers, Or Storm Sewers Tributary To Combined Sewers.
  - A Backflow Preventer is Required For All Detention Basins Tributary To Combined Sewers. Backflow Preventers Shall Be Inspected And Exercised Annually By The Property Owner to Ensure Proper Operation, And Any Necessary Maintenance Shall Be Performing To Ensure Proper Operation. In The Event Of A Sewer Surge Into An Open Detention Basin Tributary To Combined Sewers, The Permittee Shall Ensure That Clean Up And Wash Out Of Sewage Takes Place Within 48 Hours Of The Storm Event.

## MWRDGC GENERAL NOTES

- Referenced Specifications  
1. All Construction Shall Be In Accordance With The Applicable Sections Of The Standard Specifications For Road And Bridge Construction (Latest Edition), By The Illinois Department Of Transportation (IDOT SS) For All Improvements Except Sanitary Sewers And Water Main Construction.  
2. Standard Specifications For Water And Sewer Main Construction in Illinois, Latest Edition (SSWC)  
3. The Metropolitan Water Reclamation District Of Greater Chicago (MWRD) Watershed Management Ordinance And Technical Guidance Manual.  
4. In Case Of Conflict Between The Applicable Ordinances Noted The More Stringent Shall Take Precedence And Shall Control All Construction.
- Notifications  
1. The MWRD Local Sewer Systems Section Field Office Must Be Notified At Least 708--588-4055.  
2. The City of Oak Park Engineering Department And Public Must Be Notified At Least 24 Hours Prior To The Start Of Construction And Prior To Each Phase Of Work. Contractor Shall Determine Items Requiring Inspection Prior To Start Of Construction Or Each Work Phase.  
3. The Contractor Shall Notify All Utility Companies Prior To Beginning Construction For The Exact Location Of Utilities And For Their Protection During Construction, If Existing Utilities Are Encountered That Conflict In Location With New Construction, immediately Notify The Engineer So That The Conflict Can Be Resolved. Call J.U.L.I.E. At 1-800-892-0123.
- General Notes  
1. All Elevations Shown On Plans Reference The North American Vertical Datum Of 1985 (NAVD83).  
2. MWRD, The Municipality And The Owner Or Owner's Representative Shall Have The Authority To Inspect, Approve, And Reject The Construction Improvements.  
3. The Contractor(s) Shall Indemnify The Owner, Engineer, Municipality, MWRD, And Other Parties, Including The Utilities, From And Against The Construction, Installation, Or Testing Of This Work On The Project.  
4. The Proposed Improvements Must Be Constructed In Accordance With The Engineering And Construction Documents Approved By MWRD And The Municipality. Changes Are Approved By MWRD, The Municipality, Or Authorized Agent. The Construction Details And Conditions Presented On The Plans Must Be Followed. Proper Construction Techniques Must Be Followed On The Improvements Indicated On The Plans.  
5. The Location Of Various Underground Utilities Which Are Shown On The Plans Shall Be Verified In The Field. Verify Locations And Elevations Prior To Beginning The Construction Operations.  
6. An Existing Powermain, Sewermain, Watermain, Or Storm Sewer During Construction Operations And Not Called For To Be Removed Shall Be Replaced At The Expense Of The Contractor.  
7. Material And Compaction Testing Shall Be Performed In Accordance With The Requirements Of The Municipality, Ward, And Owner.  
8. The Underground Contractor Shall Make All Necessary Arrangements To Notify All Inspection Agencies.  
9. All New And Existing Utility Structures On Site And In Areas Disturbed During Construction Shall Be Adjusted To Finish grade Prior To Final Inspection.  
10. Record Drawings Shall Be Kept By The Contractor And Submitted To The Engineer As Soon As Undergound Improvements Are Completed. Final Payments To The Contractor Shall Be Held Until They Are Received. Any Services And Other Structures, Which Contain Sediment Shall Pass Through A Sediment Settling Pond Or Equivalently Effective Sediment Control Device. Alternatives May Include Twisting Into A Sump Pit, Filter Bag Or Existing Vegetated Uplands Area. Sediment Laden Waters Shall Not Be Discharge To Waterways, Flood Protection Areas Of The Combined Sewer System.  
11. All Permanent Erosion Control Practices Shall Be Initiated Within Seven (7) Days Following the Completion Of Soil Disturbing Activities.  
12. All Erosion And Sediment Control Measures Shall Be Maintained And Repaired As Needed On A Year-Round Basis During Construction And Any Periods Of Construction Shutdown When Permanent Stabilization is Achieved.  
13. Discharging Any Ungulated Water Into The Sanitary Sewer System For The Purpose Of Sewer Flushing Or Lines For The Deflection Test Shall Be Prohibited Without Prior Approval From The Municipality Or MWRD.  
14. All Sanitary Sewer Construction Shall Be In Accordance With The Standard Specifications For Water And Sewer Main Construction In Illinois (Latest Edition).  
15. All Floor Drains Shall Discharge To The Sanitary Sewer System.  
16. All Downspouts And Footing Drains Shall Discharge To The Storm Sewer System.  
17. All Sanitary Sewer Pipe Materials And Joints (And Storm Sewer Pipe Materials And Joints In A Combined Sewer Area) Shall Conform To The Following Specifications:  

Vitrified Clay Pipe	ASTM C-700	ASTM C-425
Reinforced Concrete Sewer Pipe	ASTM C-76	ASTM C-443
Cast Iron Soil Pipe	ANSI A-74	ANSI C-564
Ductile Iron Pipe	ANSI A21.51	ANSI A21.11
Polyvinyl Chloride (PVC) Pipe	ASTM D-3034	ASTM D-3212
18-inch To 27-inch Diameter F/DT=46	ASTM F-6079	ASTM S-3212
High Density Polyethylene (HDPE)	ASTM D-3350	ASTM D-3251, F-2620 (Heat Fusion)
Water Main Quality PVC	ASTM D-3035	ASTM F-1212, F-477 (Gasketed)
4-inch To 36-inch	ASTM D-2241	ASTM D-2672 Or ASTM C-3130
4-inch To 12-inch	AWWA C900	ASTM D-3212
14-inch To 48-inch	AWWA C905	ASTM D-3212
- All Sanitary Sewer Construction (And Storm Sewer Construction In Combined Sewer Areas), Requires Stone Bedding With Stone # 10 To 1 1/2" In Size, With Minimum Bedding Thickness Equal To The Outside Diameter Of The Sewer Pipe, But Not Less Than Four (4) Inches Nor More Than Eight (8) Inches. Bedding Shall Be Cast In Place And Shall Be Extended At Least 12" Above The Top Of The Pipe When Using PVC.  
9. "Bond Seal" Or Similar Non-shrink Flexible-type Couplings Shall Be Used In The Connection Of Sewer Pipes Of Dissimilar Materials.  
10. Below The Flood Protection Elevation (FPE = BFE + 2 Feet), All Sanitary Sewer Manholes And Structures Shall Be Provided With Bolted, Water-tight Covers. Sanitary Lids Shall Be Constructed With A Concealed Rickhole And Water-tight Gasket With The Word "Sanitary" Cast Into The Lid.  
11. When Connecting To An Existing Sewer Main By Means Other Than An Existing Man, Tee, Or An Existing Manhole, One Of The Following Methods Shall Be Used:  
(a) A Circular Saw-Cut Of Sewer Main By Proper Tools ("Sawer-Top" Machine Or Similar) And Proper Installation Of Hubway Saddle Or Hub-Tee Saddle.  
(b) Remove An Entire Section Of Pipe (Breaking Only The Top Of One Bell) And Replace With A New Or Use Branch Section.  
(c) With Pipe Cutter, Cut Off Pipe Accurately, Cut Out Desired Length Of Pipe, Fit Insertion Proper Fitting, Using "Bond Seal" Or Similar Couplings To Hold It Firmly In Place.  
12. Whenever A Sanitary/Combined Sewer Crosses Under A Watermain, The Minimum Vertical Distance From The Top Of The Sewer To The Bottom Of Watermain Shall Be 18 Inches. Furthermore, A Minimum Horizontal Distance Of 10 Feet Between Sanitary/Combined Sewers And Watermain Shall Be Maintained Unless The Sewer is Laid in A Separate Trench, Keeping A Minimum 18" Vertical Separation. If The Sewer is Laid In The Same Trench With The Watermain Located At The Opposite Side On A Bench Of Undisturbed Earth, Keeping A Minimum 18" Vertical Separation, If Either The Vertical Horizontal Distances Described Above Cannot Be Maintained, Or The Sewer Crosses Above The Watermain, The Sewer Shall Be Constructed To Watermain Standards.  
13. All Existing Septic Systems Shall Be Abandoned. Abandoned Tanks Shall Be Filled With Grout/Or Material Or Removed.  
14. All Sanitary Manholes, (And Storm Manholes in Combined Sewer Areas), Shall Have A Minimum Inside Diameter Of 48 Inches, And Shall Be Cast In Place Or Pre-Cast Reinforced Concrete.  
15. All Sanitary Manholes, (and Storm Manholes in Combined Sewer Areas), Shall Have Precast "Rubber Boots" That Conform To Astm C-923 For All Pipe Connections. Precast Sections Shall Consist Of Modified Groove Tongue And Rubber Gasket Type Joints.  
16. All Abandoned Sanitary Sewers Shall Be Plugged At Both Ends With At Least 2 Feet Long Non-shrink Concrete Or Mortar.  
17. Except For Foundation/Footing Drains Provided To Protect Buildings, Or Perforated Pipes Associated With Volume Control Facilities, Drain Tiles/Field Tiles/Underdrains/Perforated Pipes are Not Allowed To Be Connected To Or Installed In Combined Sewers, Sanitary Sewers, Storm Sewers Tributary To Combined Sewers, or Construction of New Facilities of New Facilities of Existing Facilities. Construction of New Facilities of New Facilities Encountered Within The Project Area Shall Be Plugged Or Removed And Shall Not Be Connected To Combined Sewers, Sanitary Sewers, Or Storm Sewers Tributary To Combined Sewers.  
18. A Backflow Preventer is Required For All Detention Basins Tributary To Combined Sewers. Backflow Preventers Shall Be Inspected And Exercised Annually By The Property Owner to Ensure Proper Operation, And Any Necessary Maintenance Shall Be Performing To Ensure Proper Operation. In The Event Of A Sewer Surge Into An Open Detention Basin Tributary To Combined Sewers, The Permittee Shall Ensure That Clean Up And Wash Out Of Sewage Takes Place Within 48 Hours Of The Storm Event.





DATE	NO.	DESCRIPTION
07/05/17		ZONING COMMENTS
06/05/17		ZONING COMMENTS
05/01/17		ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17		ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17		ISSUED FOR ZONING
11/15/16		ISSUED FOR DESIGN DEVELOPMENT

DATE: 11/15/16 SCALE: AS NOTED

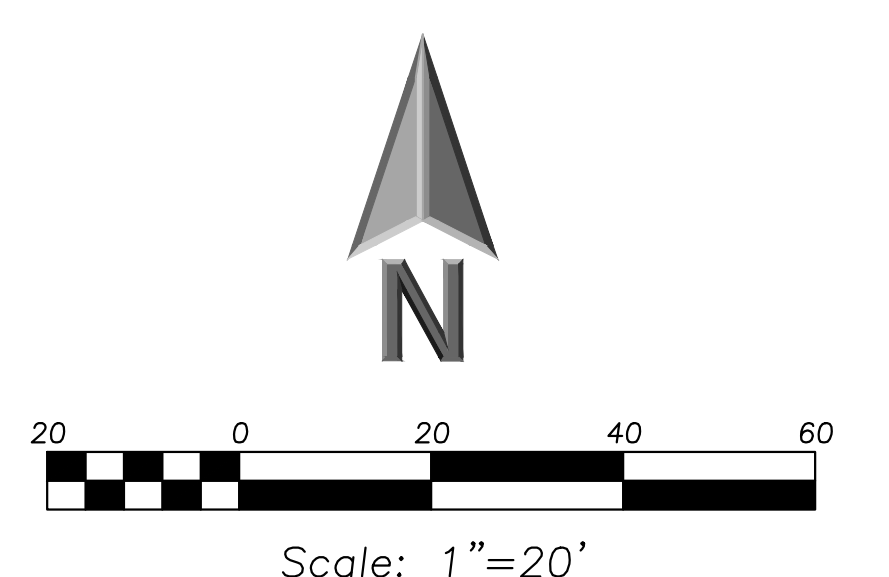
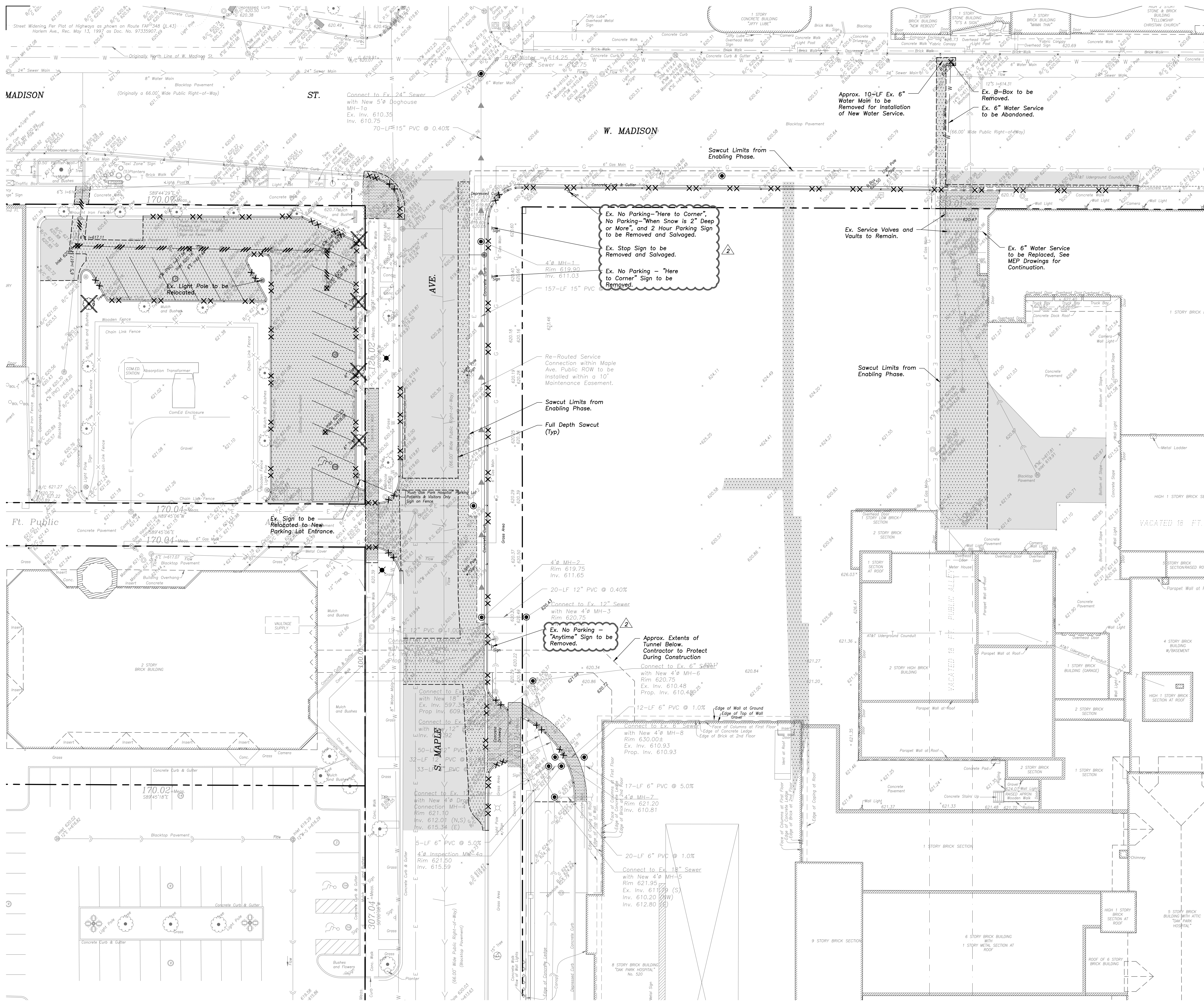
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APPROVED:



EXPIRATION DATE: 11/30/17



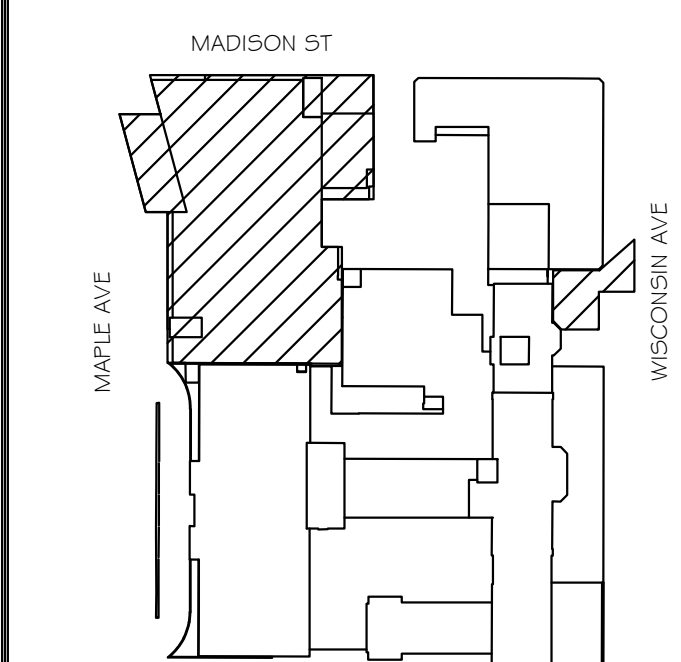
**LEGEND**

EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Inlet	Inlet
Area Drain	Area Drain
Clear Out	Clear Out
Flared End Section	Flared End Section
Storm Sewer	Storm Sewer
Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
Water Main	Water Main
Gas Line	Gas Line
Overhead Wires	Overhead Wires
Electrical Cable (Buried)	Electrical Cable (Buried)
Telephone Line	Telephone Line
Fire Hydrant	Fire Hydrant
Valve Vault	Valve Vault
Buffalo Box	Buffalo Box
Downspout	Downspout
Ballard	Ballard
Gas Valve	Gas Valve
Gas Meter	Gas Meter
Electric Meter	Electric Meter
ComEd Manhole	ComEd Manhole
Hand Hole	Hand Hole
Light Pole	Light Pole
Light Pole w/ Mast Arm	Light Pole w/ Mast Arm
Utility Pole	Utility Pole
Telephone Pedestal	Telephone Pedestal
Telephone Manhole	Telephone Manhole
Sign	Sign
Fence	Fence
Accessible Parking Stall	Accessible Parking Stall
Curb & Gutter	Curb & Gutter
Depressed Curb	Depressed Curb
Curb Elevation	Curb Elevation
Gutter Elevation	Gutter Elevation
Pavement Elevation	Pavement Elevation
Sidewalk Elevation	Sidewalk Elevation
Ground Elevation	Ground Elevation
Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
Grade	Grade
Contour Line	Contour Line
Deciduous Tree	Deciduous Tree
Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection Fencing at Drop Line	Tree Protection Fencing at Drop Line

**DEMOLITION LEGEND**

Utility Line Removal
Bituminous Pavement Removal (Full Depth)
Bituminous Pavement Removal (2-Inch Mill)
Concrete Pavement Removal (Full Depth)
Pavement Sawcut
Curb & Gutter Removal
Structure Removal
Tree Removal





KEY PLAN

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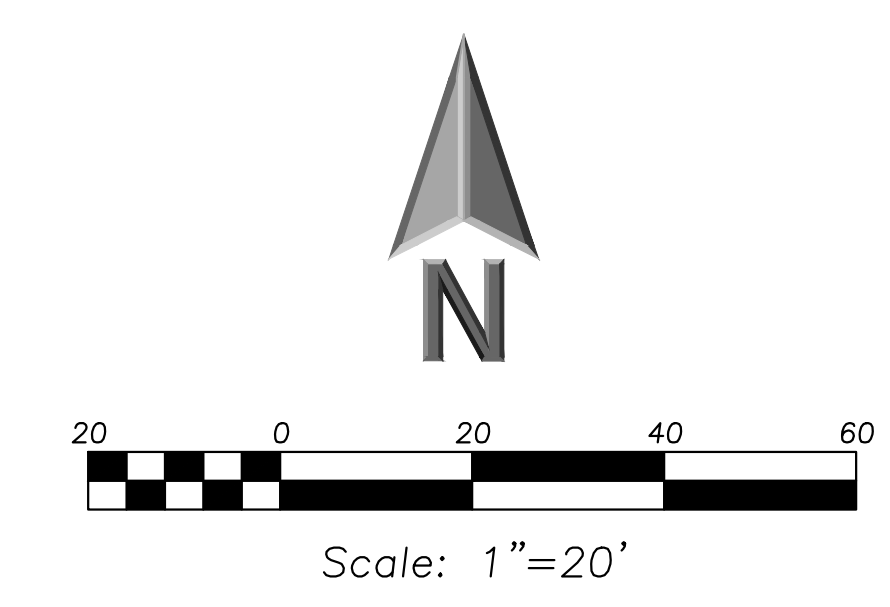
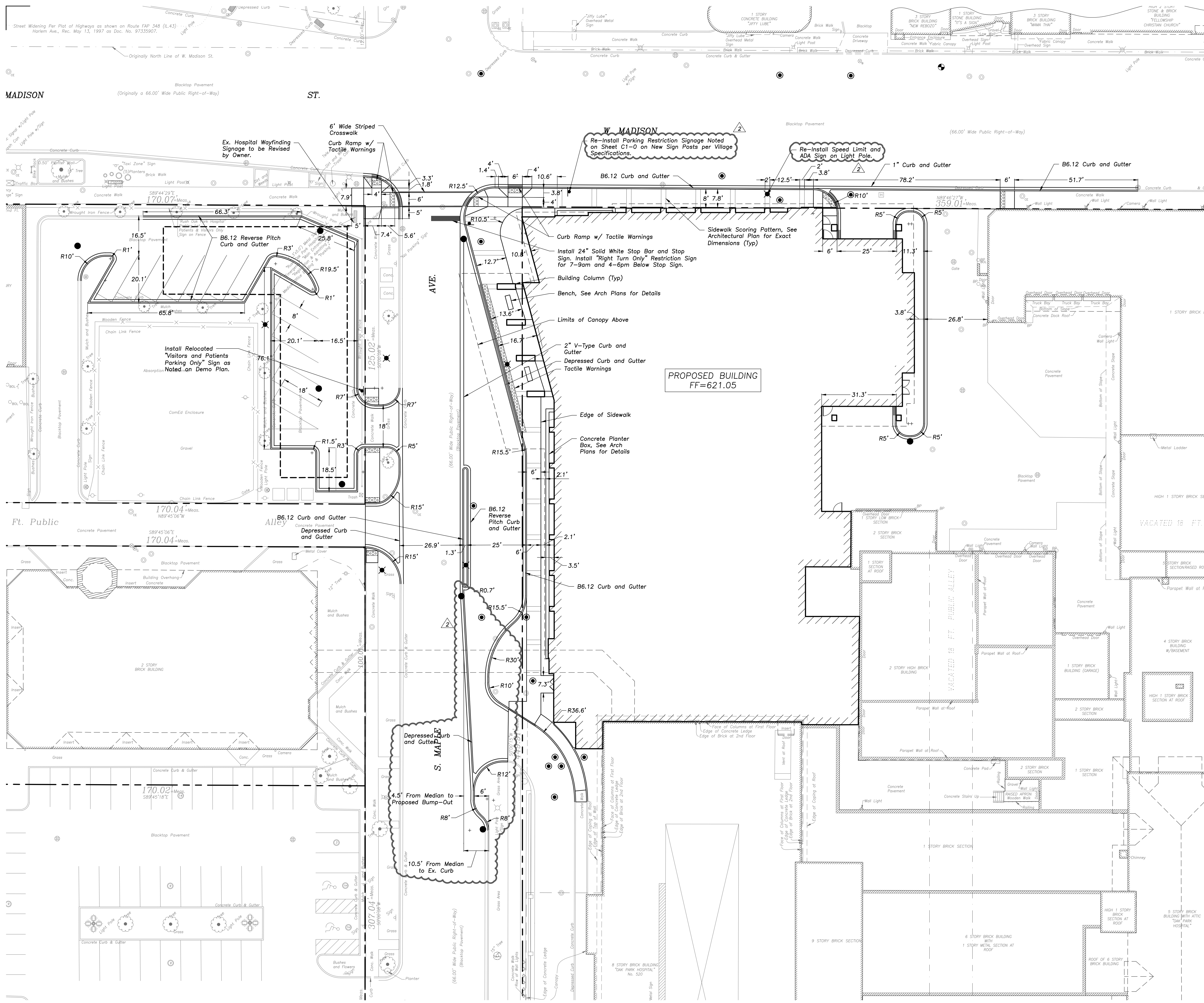
DATE	NO.	DESCRIPTION
07/05/17	1	ZONING COMMENTS
06/05/17	2	ZONING COMMENTS
05/01/17	3	ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17	4	ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17	5	ISSUED FOR ZONING
11/15/16	6	ISSUED FOR DESIGN DEVELOPMENT

DATE: 11/15/16 SCALE: AS NOTED  
DRAWN: CMF JOB NO.  
CHECKED: TH  
APPROVED:



EXPIRATION DATE: 11/30/17

SITE GEOMETRY PLAN



**LEGEND**

EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Inlet	Inlet
Area Drain	Area Drain
Clear Out	Clear Out
Flared End Section	Flared End Section
Storm Sewer	Storm Sewer
Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
Water Main	Water Main
Gas Line	Gas Line
Overhead Wires	Overhead Wires
Electric Cable (Buried)	Electric Cable (Buried)
Telephone Line	Telephone Line
Fire Hydrant	Fire Hydrant
Wave Vault	Wave Vault
Buffalo Box	Buffalo Box
Downspout	Downspout
Gas Valve	Gas Valve
Gas Meter	Gas Meter
Electric Meter	Electric Meter
ComEd Manhole	ComEd Manhole
Hand Hole	Hand Hole
Light Pole	Light Pole
Light Pole w/ Mast Arm	Light Pole w/ Mast Arm
Utility Pole	Utility Pole
Telephone Pedestal	Telephone Pedestal
Telephone Manhole	Telephone Manhole
Sign	Sign
Fence	Fence
Accessible Parking Stall	Accessible Parking Stall
Curb & Gutter	Curb & Gutter
Depressed Curb	Depressed Curb
Curb Elevation	Curb Elevation
Gutter Elevation	Gutter Elevation
Pavement Elevation	Pavement Elevation
Sidewalk Elevation	Sidewalk Elevation
Ground Elevation	Ground Elevation
Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
Grade	Grade
Contour Line	Contour Line
Deciduous Tree	Deciduous Tree
Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection Fencing at Drop Line	Tree Protection Fencing at Drop Line

**WAYFINDING SIGNAGE NOTES**

All Hospital Wayfinding Signage shall be Removed or Revised as Needed by Owner. Wayfinding Signage Related to the Emergency Department is Listed Below.

- Sign Located at Southwest Corner of S Maple Ave and W Madison St shall be Revised to indicate New Location of Emergency Department.
- Sign Located at Northeast Corner of S Harlem Ave and W Monroe St shall not be Revised.
- Sign Located at the Eastern Side of S Maple Ave and W Monroe St shall not be Revised.
- Sign Located at Southeast Corner of S Maple Ave and W Madison St shall be Removed.
- Emergency Sign Attached to Building at Southwest Corner of W Madison St and S Wisconsin Ave shall be Removed.
- Sign Located at Southwest Corner of W Madison St and S Wisconsin Ave shall be Revised.
- Sign Located on S Wisconsin Ave at Entrance to Existing Emergency Drop-Off shall be Revised.
- Emergency Sign Located on Canopy of Existing Emergency Drop-Off shall be Removed.

MADISON (Originally a 66.00' Wide Public Right-of-Way)

ST.

PROPOSED BUILDING  
FF=621.05

Ft. Public

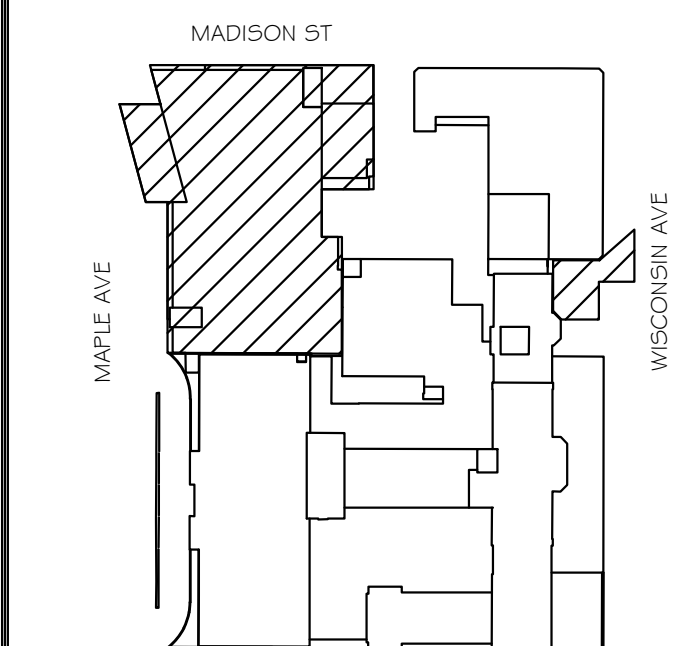
170.02' - 170.04' - 170.06' - 170.08' - 170.10' - 170.12' - 170.14' - 170.16' - 170.18' - 170.20' - 170.22' - 170.24' - 170.26' - 170.28' - 170.30' - 170.32' - 170.34' - 170.36' - 170.38' - 170.40' - 170.42' - 170.44' - 170.46' - 170.48' - 170.50'

170.02' - 170.04' - 170.06' - 170.08' - 170.10' - 170.12' - 170.14' - 170.16' - 170.18' - 170.20' - 170.22' - 170.24' - 170.26' - 170.28' - 170.30' - 170.32' - 170.34' - 170.36' - 170.38' - 170.40' - 170.42' - 170.44' - 170.46' - 170.48' - 170.50'

170.02' - 170.04' - 170.06' - 170.08' - 170.10' - 170.12' - 170.14' - 170.16' - 170.18' - 170.20' - 170.22' - 170.24' - 170.26' - 170.28' - 170.30' - 170.32' - 170.34' - 170.36' - 170.38' - 170.40' - 170.42' - 170.44' - 170.46' - 170.48' - 170.50'

170.02' - 170.04' - 170.06' - 170.08' - 170.10' - 170.12' - 170.14' - 170.16' - 170.18' - 170.20' - 170.22' - 170.24' - 170.26' - 170.28' - 170.30' - 170.32' - 170.34' - 170.36' - 170.38' - 170.40' - 170.42' - 170.44' - 170.46' - 170.48' - 170.50'





KEY PLAN

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07/05/17	ZONING COMMENTS
06/05/17	ZONING COMMENTS
05/01/17	ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17	ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17	ISSUED FOR ZONING
11/15/16	ISSUED FOR DESIGN DEVELOPMENT

DATE	NO.	DESCRIPTION
DATE: 11/15/16	SCALE: AS NOTED	
DRAWN: CMT	JOB NO.	
CHECKED: TH		
APPROVED:		

DATE: 11/15/16 SCALE: AS NOTED

DRAWN: CMT JOB NO.

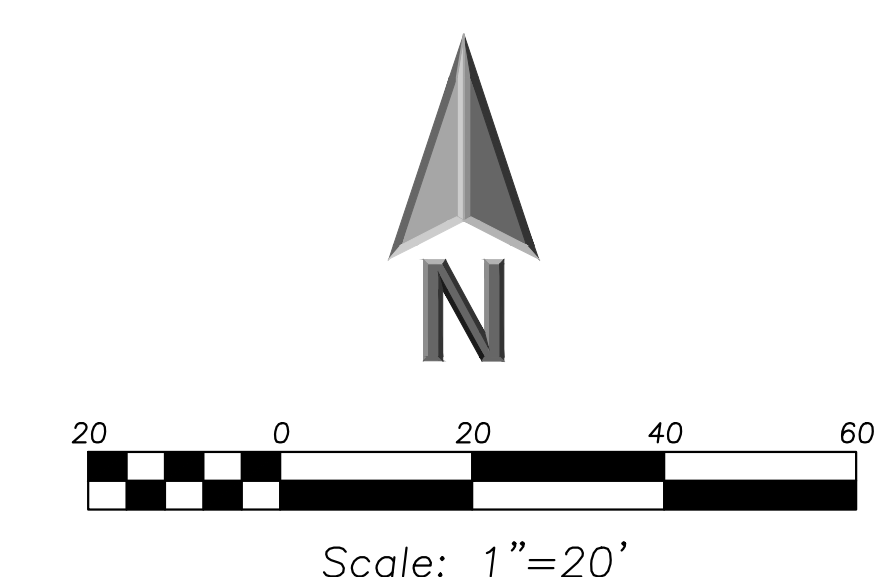
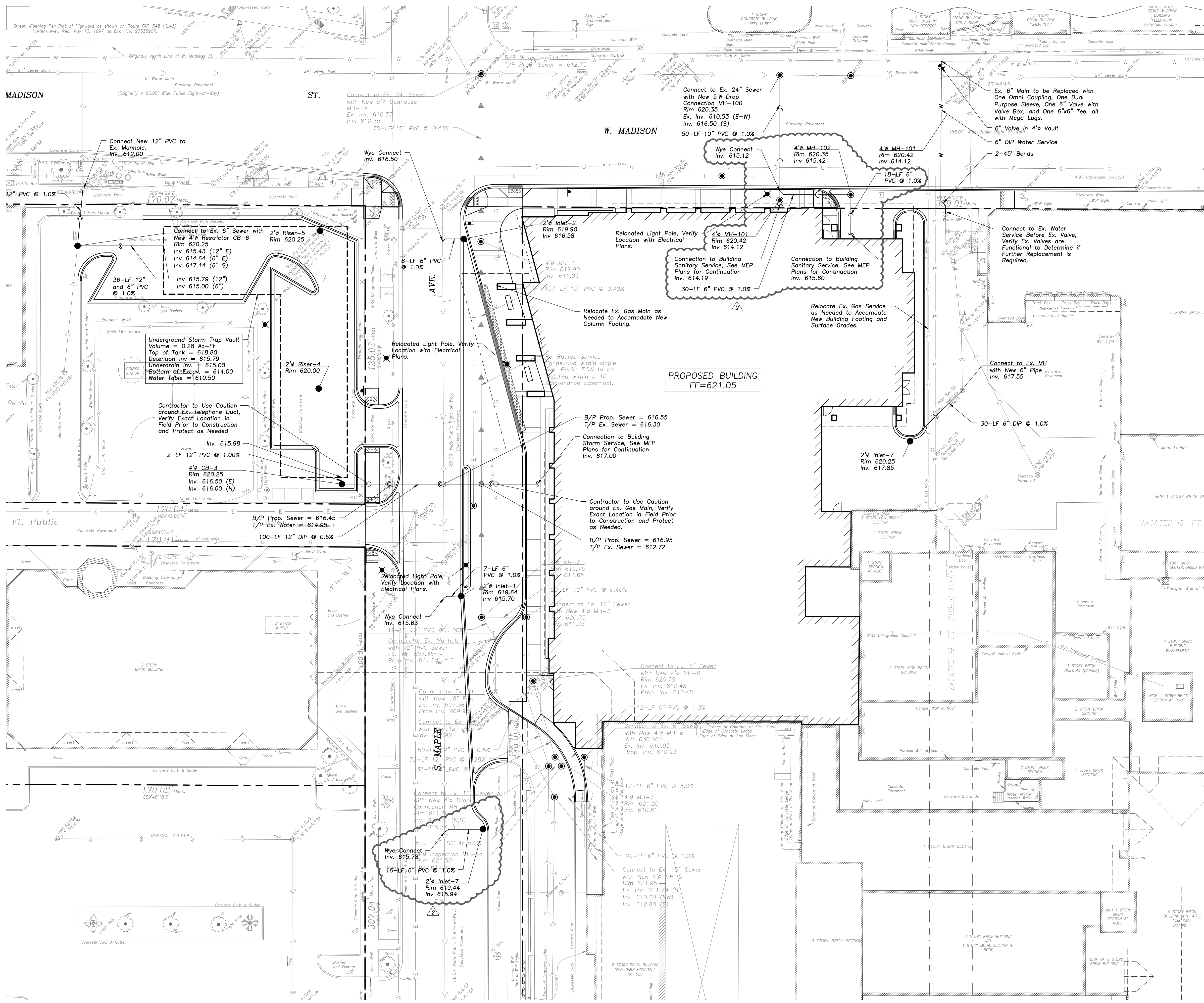
CHECKED: TH

APPROVED:



EXPIRATION DATE: 11/30/17

SITE UTILITY PLAN



**LEGEND**

EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Inlet	Inlet
Area Drain	Area Drain
Clear Out	Clear Out
Flared End Section	Flared End Section
Storm Sewer	Storm Sewer
Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
Water Main	Water Main
Gas Line	Gas Line
Overhead Wires	Overhead Wires
Electrical Cable (Buried)	Electrical Cable (Buried)
Telephone Line	Telephone Line
Fire Hydrant	Fire Hydrant
Valve Vault	Valve Vault
Buffalo Box	Buffalo Box
Downspout	Downspout
Gas Valve	Gas Valve
Gas Meter	Gas Meter
Electric Meter	Electric Meter
Comed Manhole	Comed Manhole
Hand Hole	Hand Hole
Light Pole w/ Mast Arm	Light Pole w/ Mast Arm
Utility Pole	Utility Pole
Telephone Pedestal	Telephone Pedestal
Telephone Manhole	Telephone Manhole
Sign	Sign
Fence	Fence
Accessible Parking Stall	Accessible Parking Stall
Depressed Curb	Depressed Curb
Curb Elevation	Curb Elevation
Gutter Elevation	Gutter Elevation
Pavement Elevation	Pavement Elevation
Sidewalk Elevation	Sidewalk Elevation
Ground Elevation	Ground Elevation
Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
Swale	Swale
Contour Line	Contour Line
Deciduous Tree	Deciduous Tree
Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection Fencing at Drop Line	Tree Protection Fencing at Drop Line

**UTILITY NOTES**

- Proposed Street Lighting Work for Removals, Proposed Conductors, and Wiring, Designed by Others, Shall be Shown with Final Building Permit Drawings for Coordination Purposes.



"Architecture through Listening."

One Parkview Plaza  
17W110 22nd Street, Suite 200  
Oakbrook Terrace, Illinois 60181  
Tel. 630 - 573 - 5149  
Fax 630 - 573 - 5176

**RUSH OAK PARK HOSPITAL**  
SPONSORED BY THE WHEATON FRANCISCAN SISTERS

RUSH OAK PARK HOSPITAL  
EMERGENCY DEPARTMENT  
ADDITION  
530 SOUTH MAPLE AVENUE  
OAK PARK, IL 60304

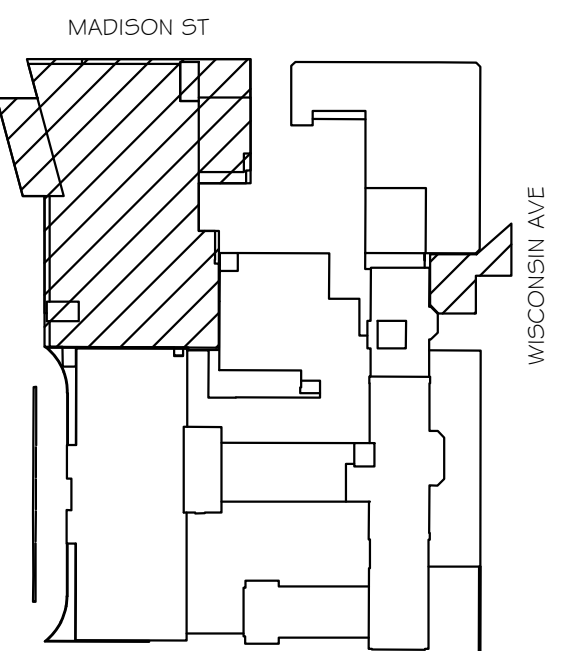
**IMEG**

1100 WARRENVILLE ROAD, SUITE 400W  
NAPERVILLE, ILLINOIS 60563  
630.527.2320 FAX: 630.527.2321  
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**NAYYAR & NAYYAR**  
STRUCTURAL ENGINEERS  
105 W. MADISON STREET CHICAGO, IL 60602

**ERIKSSON ENGINEERING ASSOCIATES, LTD.**

**KLOA**  
Kiering, Lindgren, O'Hara, Aboona, Inc.



KEY PLAN

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07/05/17	ZONING COMMENTS
06/05/17	ZONING COMMENTS
05/01/17	ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17	ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17	ISSUED FOR ZONING
11/15/16	ISSUED FOR DESIGN DEVELOPMENT

DATE NO. DESCRIPTION

DATE: 11/15/16 SCALE: AS NOTED

DRAWN: CMF JOB NO.

CHECKED: TH

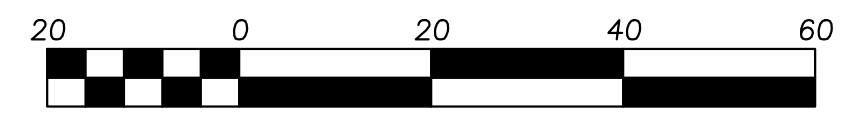
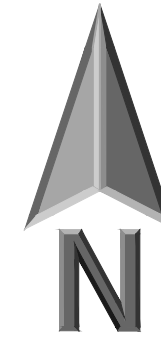
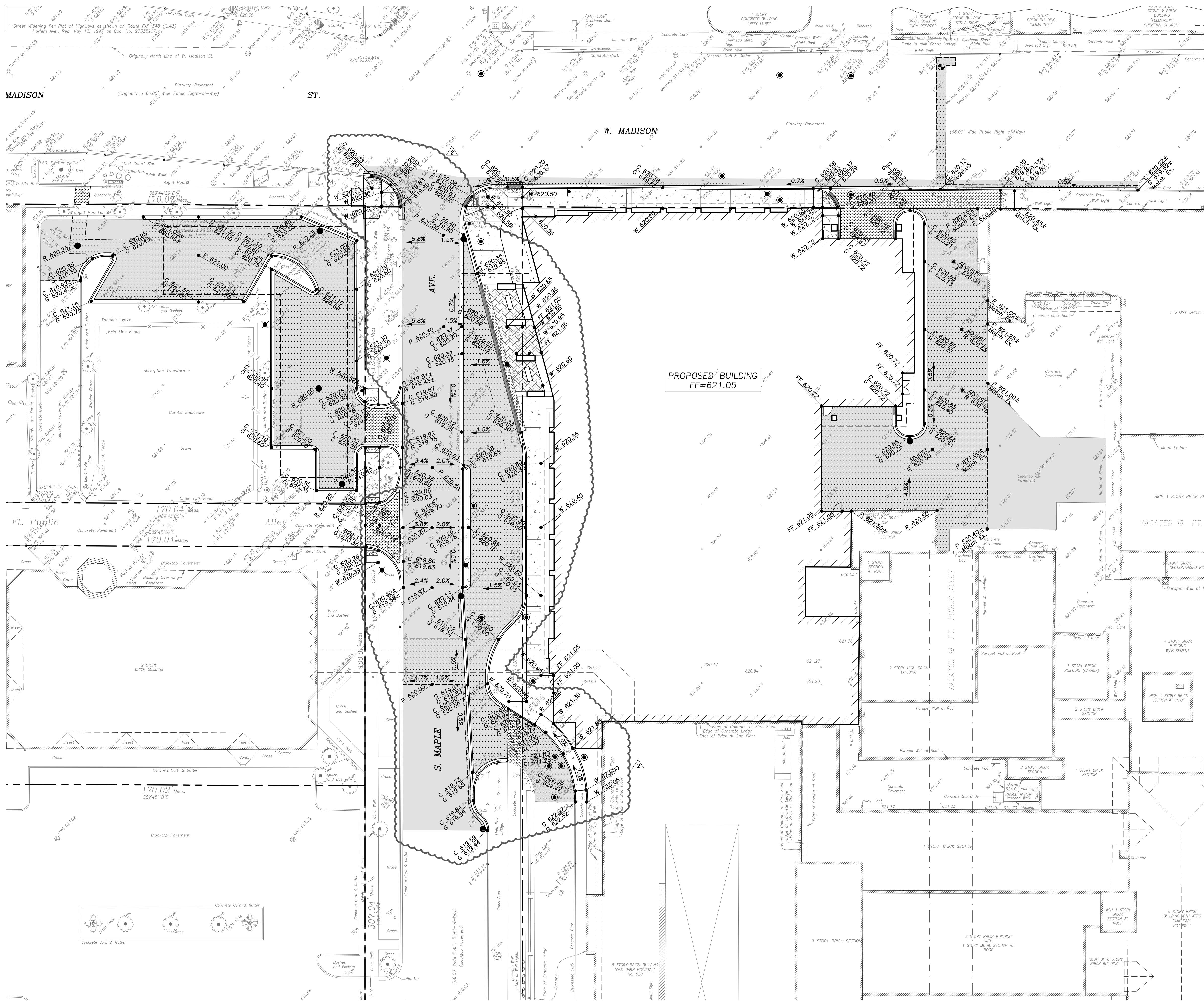
APPROVED:



EXPIRATION DATE: 11/30/17

SITE GRADING AND PAVING PLAN

C4-0



Scale: 1"=20'

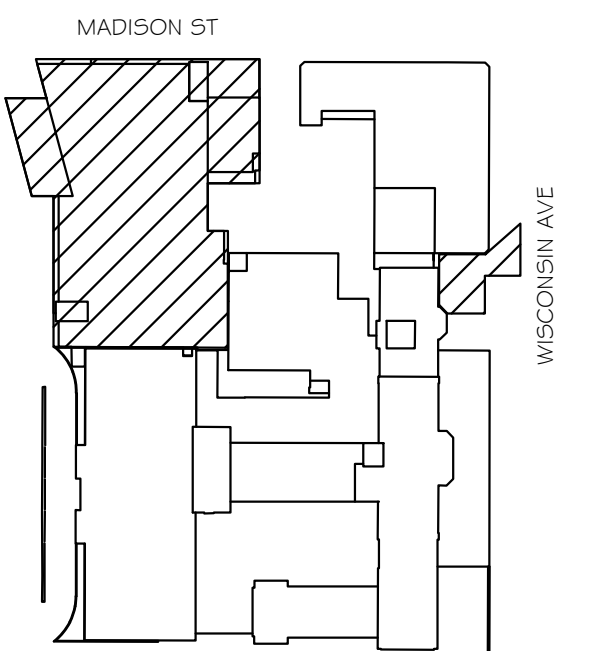
**LEGEND**

EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Inlet	Inlet
Area Drain	Area Drain
Clear Out	Clear Out
Flared End Section	Flared End Section
Storm Sewer	Storm Sewer
Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
Water Main	Water Main
Gas Line	Gas Line
Overhead Wires	Overhead Wires
Electrical Cable (Buried)	Electrical Cable (Buried)
Telephone Line	Telephone Line
Fire Hydrant	Fire Hydrant
Valve Vault	Valve Vault
Buffalo Box	Buffalo Box
Downspout	Downspout
Bollard	Bollard
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Gas Meter	Gas Meter
Electric Meter	Electric Meter
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Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
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Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection Fencing at Drop Line	Tree Protection Fencing at Drop Line

**PAVING & SURFACE LEGEND**

Pavement Overlay	2.0" Hot Mix Asphalt, Mix D, IL-9.5, N50 0.75" Leveling Binder
Pavement Restoration in Public Way To Match Ex. Pavement Section with Minimum Depth Specified Below.	2.5" Hot Mix Asphalt, Mix D, IL-9.5, N50 0.75" Leveling Binder 10" P.C. Concrete Base Course (High Early) 4" Aggregate Base Course, CA-6 Woven Geotextile - Mirafi FW403, or Equal
Concrete Driveway/Alley Section	9" Portland Cement Concrete 4" Aggregate Base Course, Type B, Crushed
Concrete Sidewalk Section	5" Portland Cement Concrete 6"x6" W1.4xW1.4 Welded Wire Fabric 2" Aggregate Base Course, Type B, Crushed
Brick Paver Section	See Landscape Plans for Section Details





KEY PLAN

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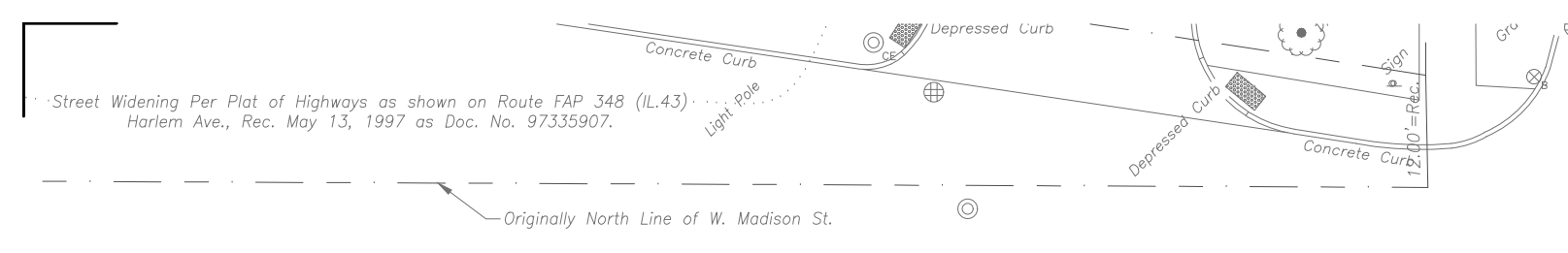
DATE	NO.	DESCRIPTION
07/05/17	1	ZONING COMMENTS
06/05/17	2	ZONING COMMENTS
05/01/17	3	ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17	4	ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17	5	ISSUED FOR ZONING
11/15/16	6	ISSUED FOR DESIGN DEVELOPMENT

DATE	SCALE	AS NOTED
DATE: 11/15/16	SCALE: AS NOTED	
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CHECKED: TH		
APPROVED:		

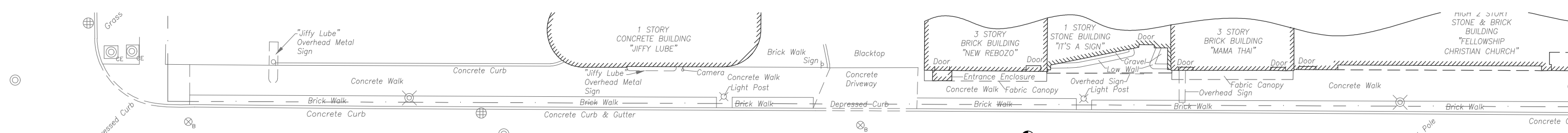
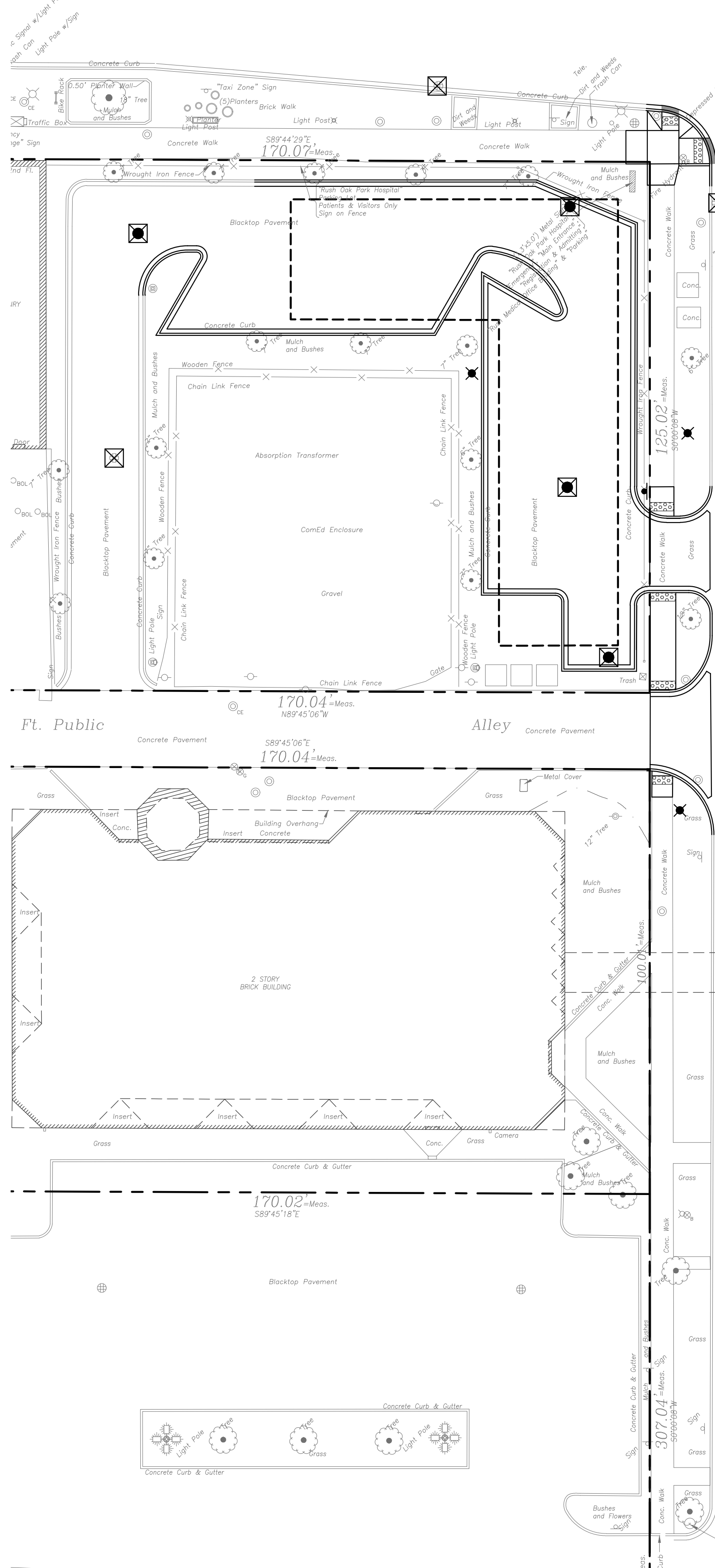


EXPIRATION DATE: 11/30/17

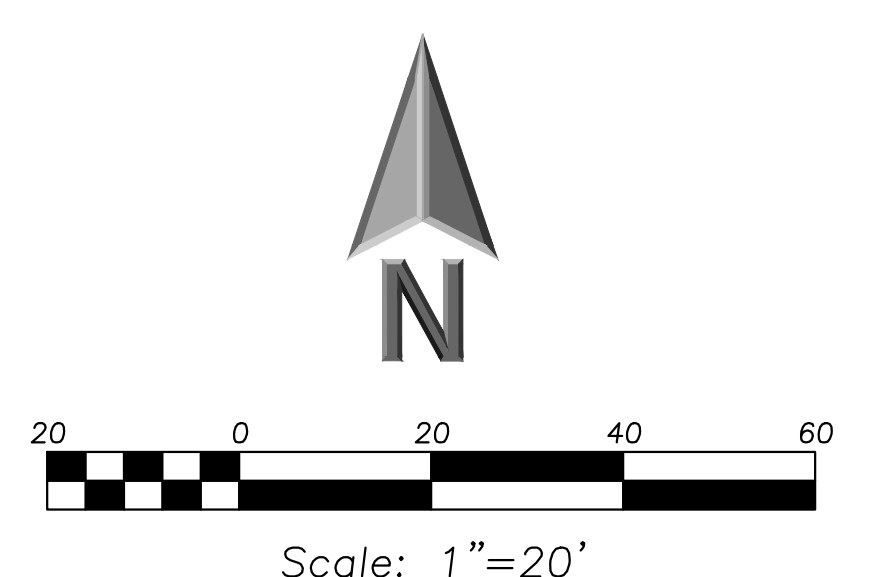
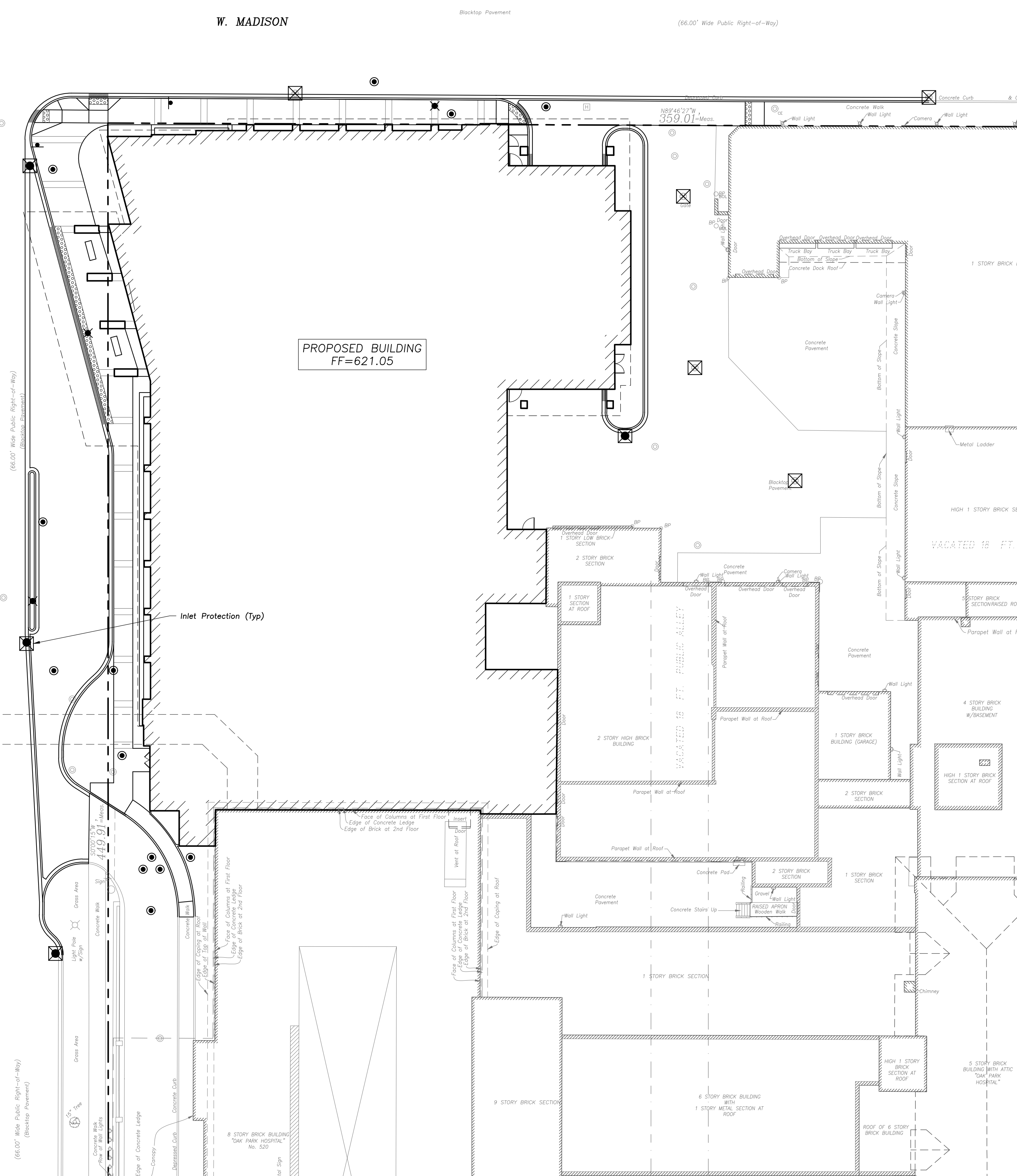
SOIL EROSION AND SEDIMENT CONTROL PLAN



MADISON ST. (Originally a 66.00' Wide Public Right-of-Way)



W. MADISON ST. (66.00' Wide Public Right-of-Way)



**LEGEND**

EXISTING	PROPOSED
Manhole	Manhole
Catch Basin	Catch Basin
Inlet	Inlet
Area Drain	Area Drain
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Sanitary Sewer	Sanitary Sewer
Combined Sewer	Combined Sewer
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Gas Line	Gas Line
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Utility Pole	Utility Pole
Telephone Pedestal	Telephone Pedestal
Telephone Manhole	Telephone Manhole
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Fence	Fence
Accessible Parking Stall	Accessible Parking Stall
Depressed Curb	Depressed Curb
Curb Elevation	Curb Elevation
Gutter Elevation	Gutter Elevation
Pavement Elevation	Pavement Elevation
Sidewalk Elevation	Sidewalk Elevation
Ground Elevation	Ground Elevation
Top of Retaining Wall Elevation	Top of Retaining Wall Elevation
Grade	Grade
Contour Line	Contour Line
Deciduous Tree	Deciduous Tree
Coniferous Tree	Coniferous Tree
Brushline	Brushline
Tree Protection Fencing at Drop Line	Tree Protection Fencing at Drop Line

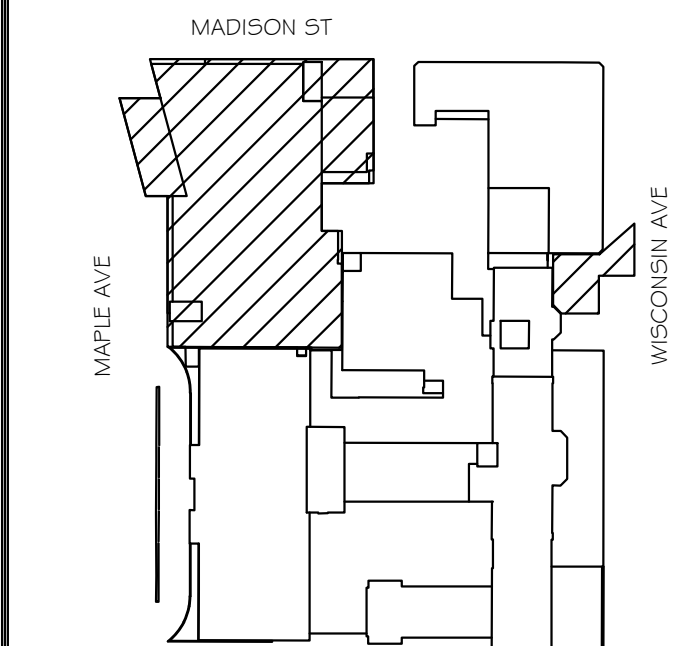
PROPOSED BUILDING  
FF=621.05

Inlet Protection (Typ)









KEY PLAN

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DATE	NO.	DESCRIPTION
07/05/17	1	ZONING COMMENTS
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DATE: 11/15/16 SCALE: AS NOTED

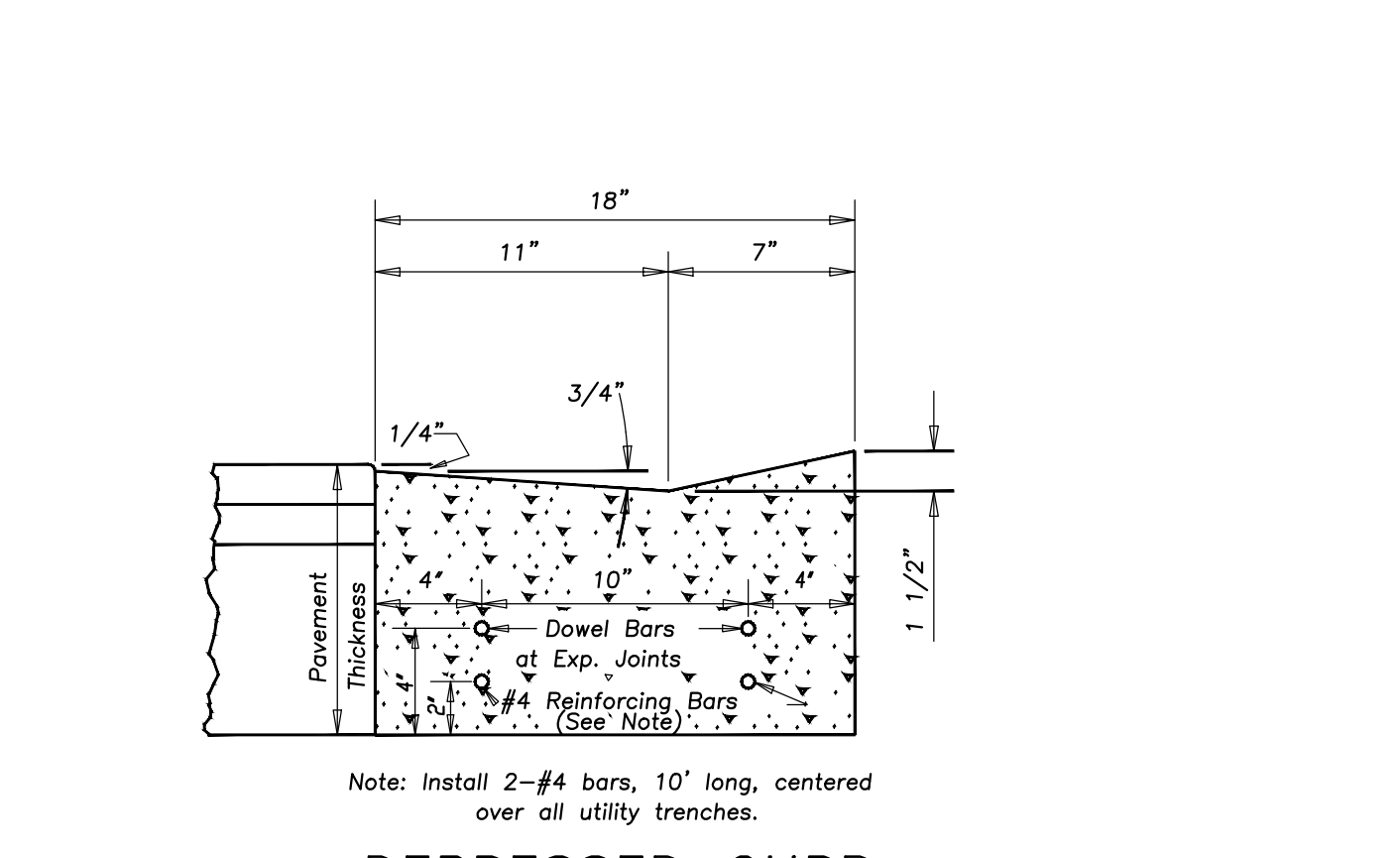
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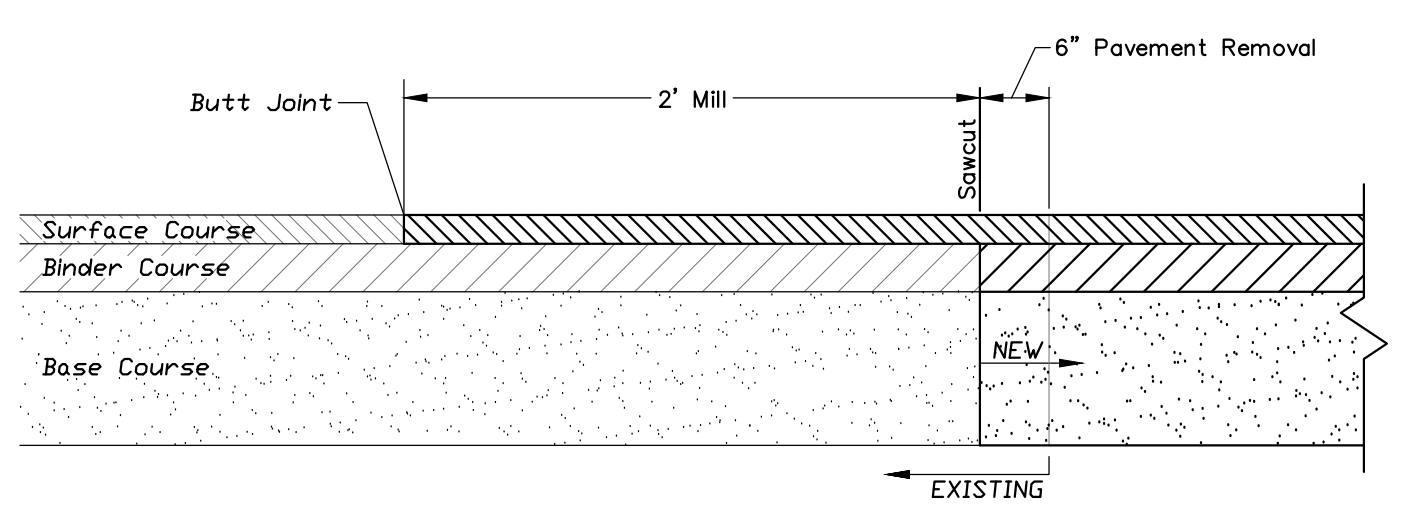
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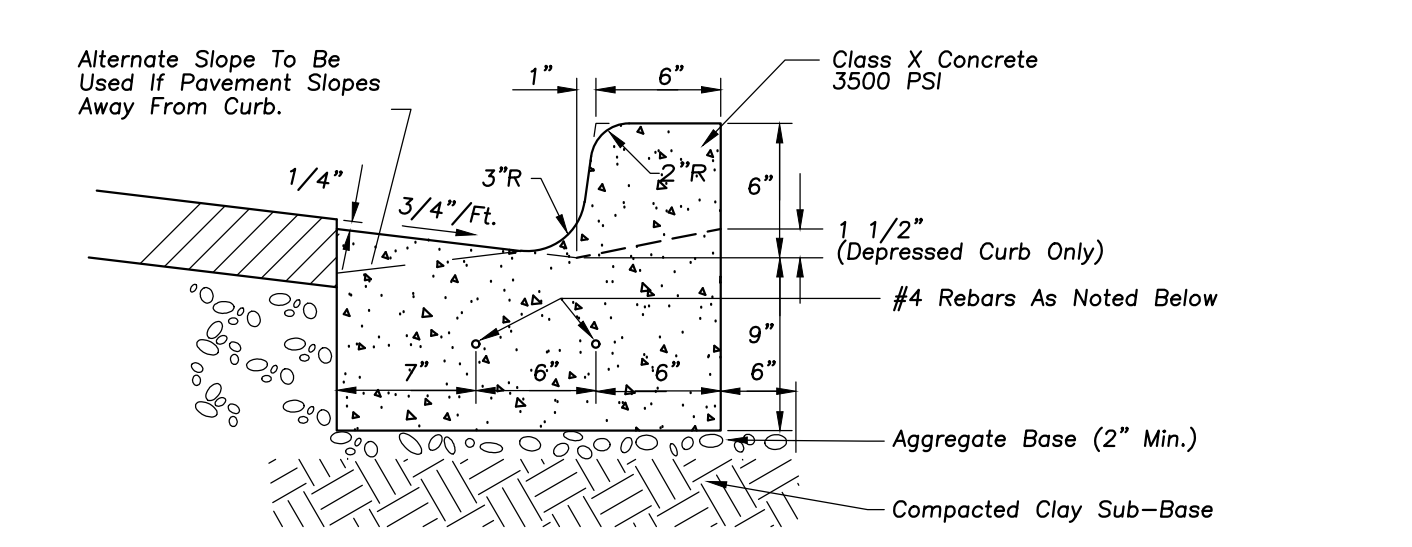
EXPIRATION DATE: 11/30/17



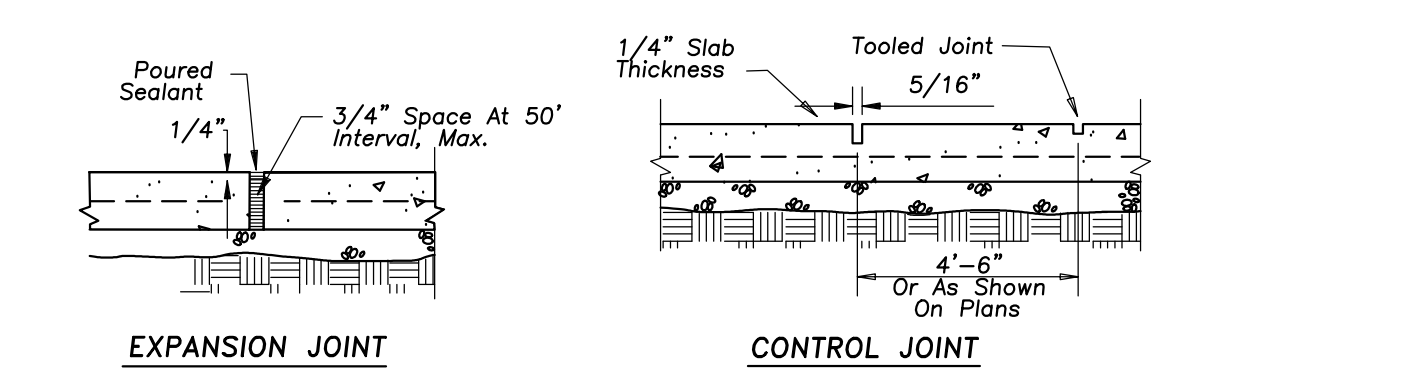
DEPRESSED CURB



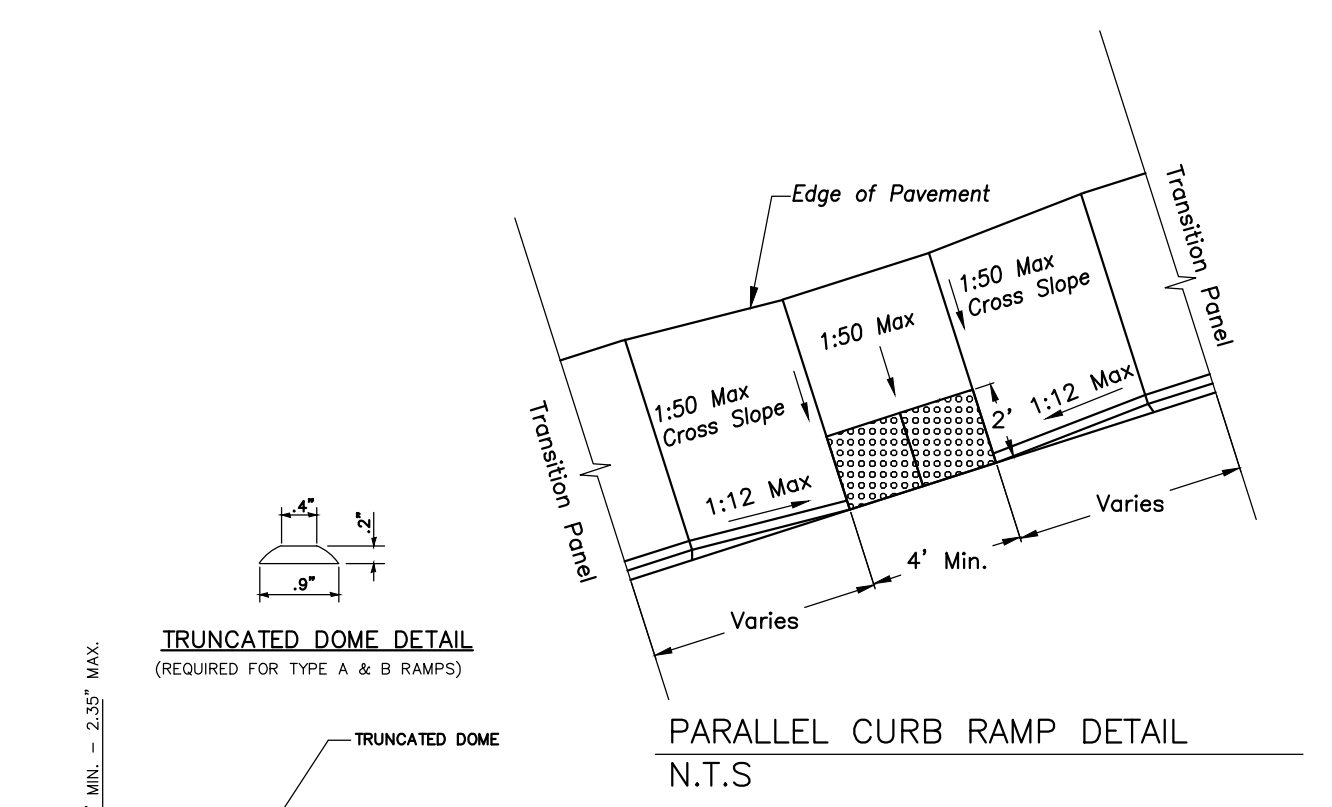
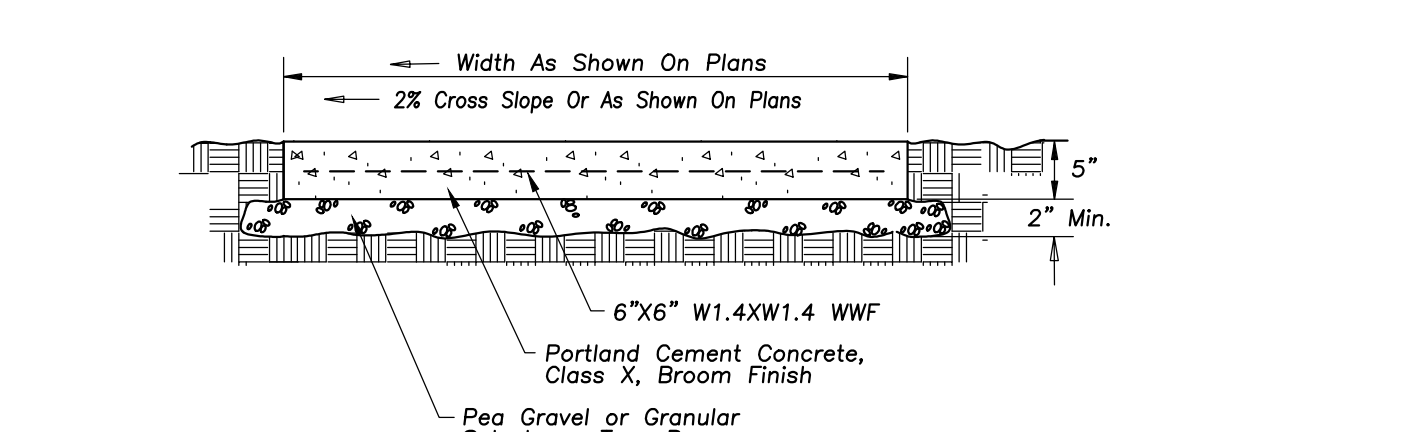
PAVEMENT SAW CUT & BUTT JOINT



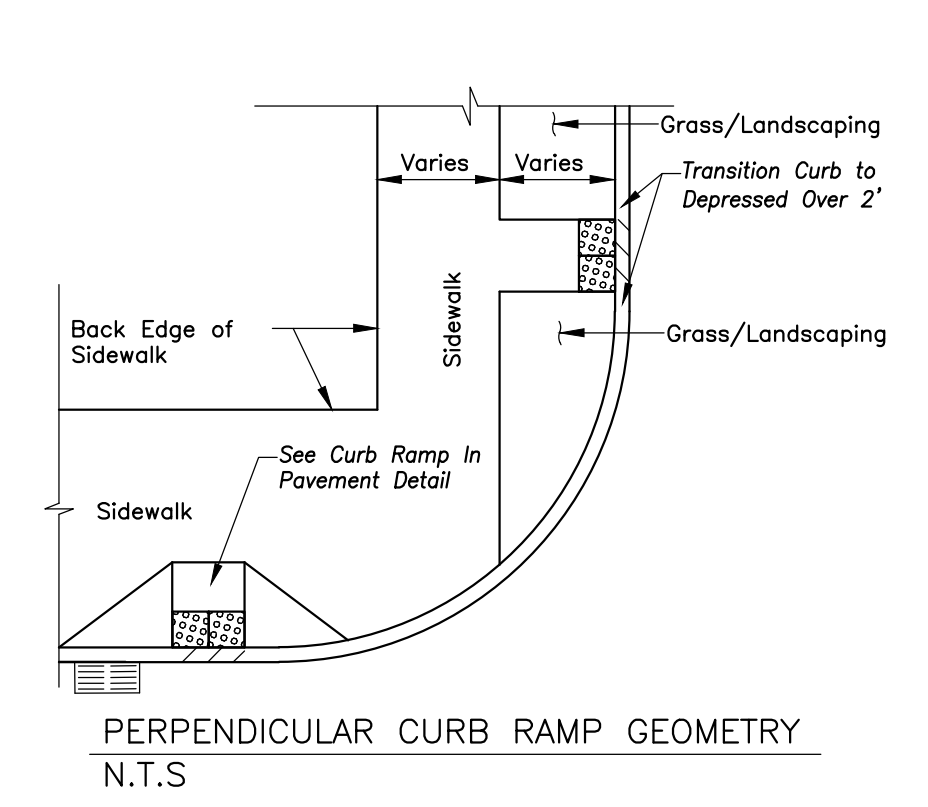
B-6.12 CURB & GUTTER



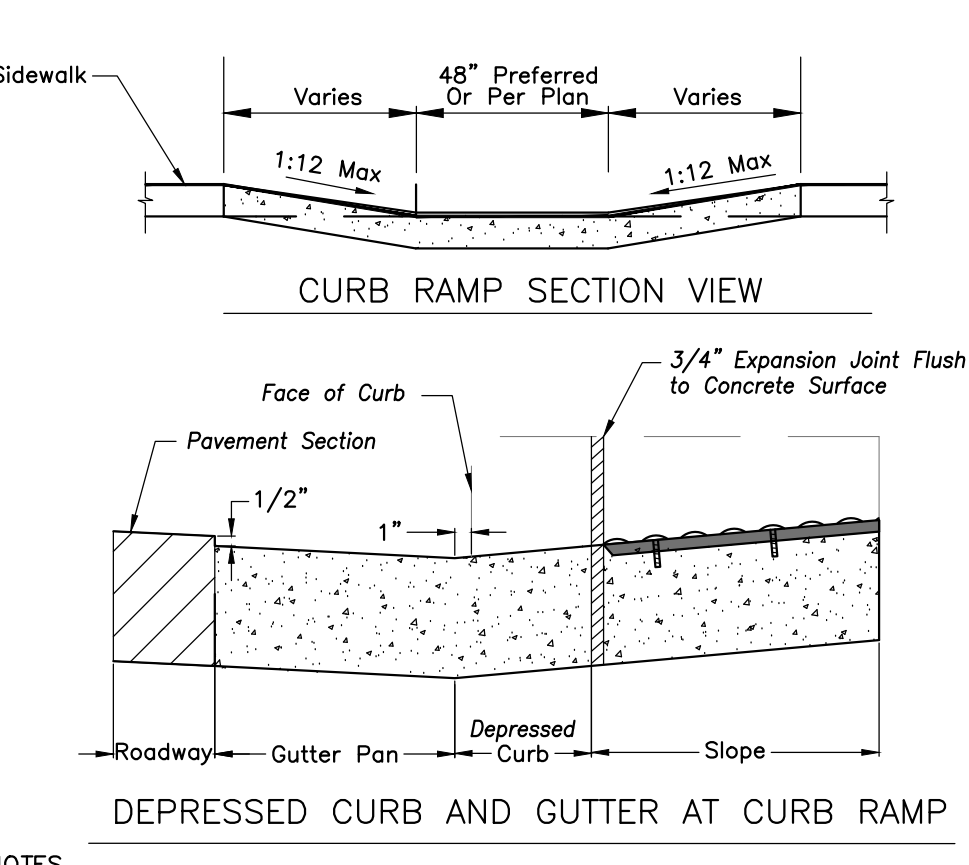
PORTLAND CEMENT CONC. SIDEWALK



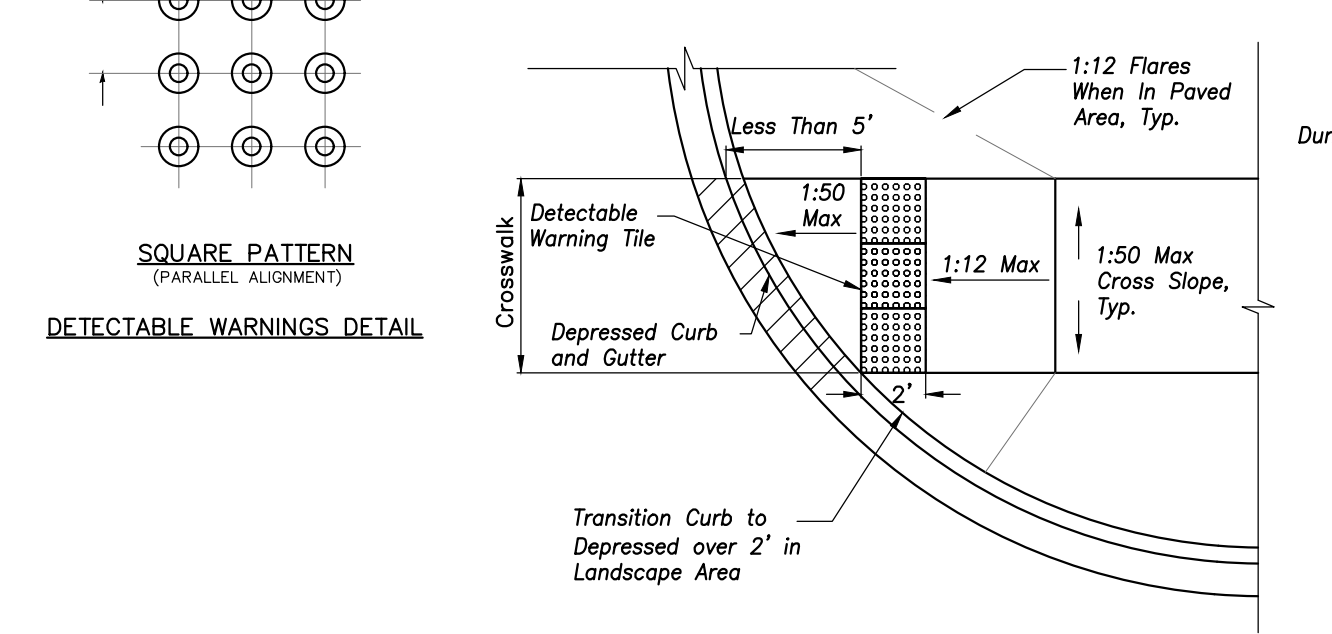
PARALLEL CURB RAMP DETAIL N.T.S.



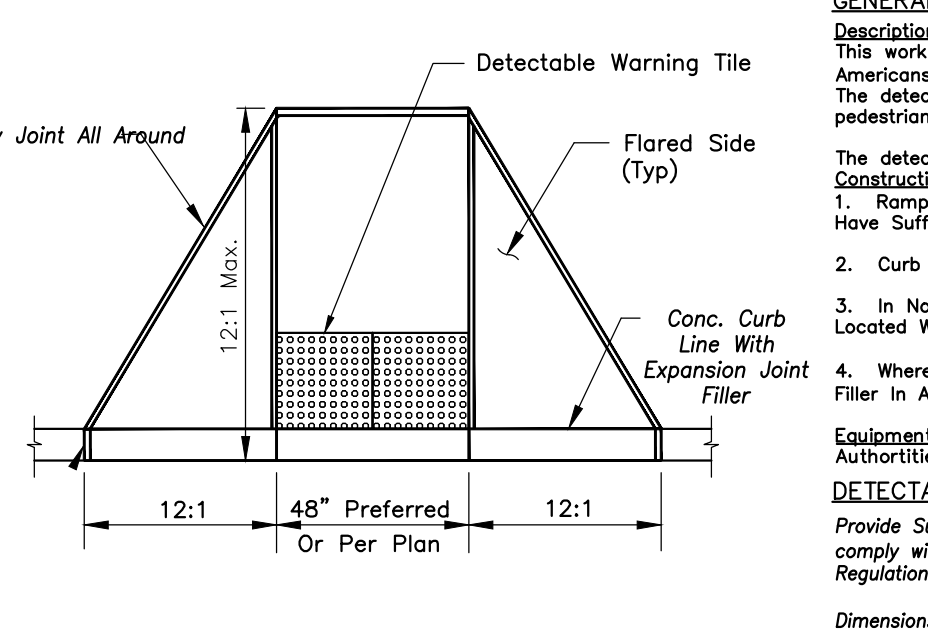
PERPENDICULAR CURB RAMP GEOMETRY N.T.S.



DEPRESSED CURB AND GUTTER AT CURB RAMP



CURB RAMP AT RADIUS SKEWED INTERFACE DETAIL N.T.S.



CURB RAMP IN PAVEMENT N.T.S.

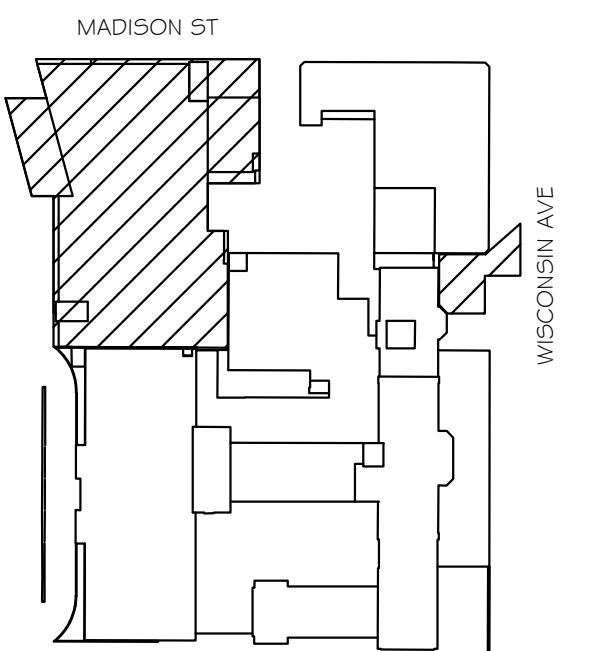
ACCESSIBLE RAMPS FOR SIDEWALKS

**GENERAL NOTES**  
Description: This work shall consist of constructing sidewalk curb ramps with detectable warnings in compliance with the Americans with Disabilities Act, Accessibility Guidelines (AGAC). The detectable warnings shall consist of an area of truncated domes that provide both visual and tactile cues to pedestrians who are blind to enter into traffic.  
The detectable warnings shall present a contrast in color from the adjacent sidewalk.  
Construction Requirements:  
1. Ramps shall be located as shown on plans in alignment with normal sidewalk and/or crosswalk and shall have sufficient curb length at corner radius to prevent vehicular encroachment.  
2. Curb ramps at marked crossings shall be fully contained within the markings excluding flared sides.  
3. In no case shall expansion joints that are constructed in curbs and gutters at or near corner radiuses be located within the accessible ramp areas.  
4. Where preformed joint filler (p.i.f.) is installed against a curved surface, the contractor shall use a flexible filler in accordance with the Illinois Department of Transportation (IDOT) Standard Specifications.  
Equipment: Equipment for the detectable warning area of the curb ramps shall meet the requirements of the Authorities having jurisdiction.  
**DETECTABLE WARNING SURFACE TILES**  
Provide Surface Applied Detectable/Tactile Warning Surface Tiles which comply with the detectable warnings on walking surfaces section of the Americans with Disabilities Act (Title II Regulations, 28 CFR Part 36 ADA STANDARDS FOR ACCESSIBLE DESIGN, Appendix A, Section 4.29.2.  
Dimensions: Cast in Place Detectable/Tactile Warning Surface Tiles shall be held within the following dimensions and tolerances:  
Length and Width in One of the Following as Necessary for the Dimensions of the Surface in Which the Detectable Warning is Proposed: 24x24, 24x30, 24x48, 30x48, 36x48, 48x48, 48x60, 60x60, 60x72, 72x72, 72x96, 96x96, 96x120, 120x120, 120x144, 144x144, 144x180, 180x180, 180x240, 240x240, 240x300, 300x300, 300x360, 360x360, 360x480, 480x480, 480x600, 600x600, 600x720, 720x720, 720x960, 960x960, 960x1200, 1200x1200, 1200x1440, 1440x1440, 1440x1800, 1800x1800, 1800x2400, 2400x2400, 2400x3000, 3000x3000, 3000x3600, 3600x3600, 3600x4800, 4800x4800, 4800x6000, 6000x6000, 6000x7200, 7200x7200, 7200x9600, 9600x9600, 9600x12000, 12000x12000, 12000x14400, 14400x14400, 14400x18000, 18000x18000, 18000x24000, 24000x24000, 24000x30000, 30000x30000, 30000x36000, 36000x36000, 36000x48000, 48000x48000, 48000x60000, 60000x60000, 60000x72000, 72000x72000, 72000x96000, 96000x96000, 96000x120000, 120000x120000, 120000x144000, 144000x144000, 144000x180000, 180000x180000, 180000x240000, 240000x240000, 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KEY PLAN

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07/05/17	2	ZONING COMMENTS
06/05/17	1	ZONING COMMENTS
05/01/17		ISSUED FOR 75% CONSTRUCTION DOCUMENTS
03/29/17		ISSUED FOR 50% CONSTRUCTION DOCUMENTS
03/20/17		ISSUED FOR ZONING
11/15/16		ISSUED FOR DESIGN DEVELOPMENT

DATE	NO.	DESCRIPTION
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DATE: 11/15/16 SCALE: AS NOTED

DRAWN: CMF JOB NO.

CHECKED: TH

APPROVED:



EXPIRATION DATE: 11/30/17

DETENTION DETAILS

**RECOMMENDED ACCESS OPENING SPECIFICATION**

- A TYPICAL ACCESS OPENING FOR THE STORMTRAP SYSTEM HAS 2" OF 36 DIAMETER ACCESS OPENINGS LARGER THAN 3" OF 1/4 IN DIAMETER NEED TO BE APPROVED BY STORMTRAP. ALL OPENINGS MUST BE AT LEAST 1" OF CLEARANCE FROM THE END OF THE STORMTRAP MODULE UNLESS NOTED OTHERWISE. ALL ACCESS OPENINGS TO BE LOCATED ON INSIDE LEGS UNLESS OTHERWISE SPECIFIED.
- PLASTIC COATED STEEL STEPS PROVIDED BY M.A. INDUSTRIES PART #P33-MFC OR APPROVED EQUAL (SEE STEP DETAIL) ARE PROVIDED INSIDE ANY MODULE WHERE ZONING NECESSARY. THE HIGHEST STEP IN THE MODULE IS TO BE PLACED A DISTANCE OF 1" FROM THE INSIDE EDGE OF THE STORMTRAP MODULE. ALL ENDING STEPS SHALL BE PLACED WITH A MAXIMUM DISTANCE OF 1" BETWEEN THEM. STEPS MAY BE MOVED OR ADJUSTED TO AVOID OPENINGS OR OTHER OBSTRUCTIONS IN THE MODULE.
- STORMTRAP LIFTING INSERTS MAY BE RELOCATED TO AVOID INTERFERENCE WITH ACCESS OPENINGS ON THE CENTER OF GRAVITY OF THE MODULE AS NEEDED.
- STORMTRAP ACCESS OPENINGS MAY BE RELOCATED TO AVOID INTERFERENCE WITH INLET AND/OR OUTLET PIPE OPENINGS SO PLACEMENT OF STEPS IS ATTAINABLE.
- ACCESS OPENINGS SHOULD BE LOCATED IN ORDER TO MEET THE APPROPRIATE MUNICIPAL REQUIREMENTS. STORMTRAP REQUIREMENTS AT LEAST TWO ACCESS OPENINGS PER SYSTEM FOR ACCESS AND INSPECTION.
- USE PRECAST ADJUSTING RINGS AS NEEDED TO MEET GRADE. STORMTRAP REQUIREMENTS FOR COVER OVER 2" TO USE PRECAST WALLS OR CONE INSPECTIONS. (PROVIDED BY OTHERS)

**RECOMMENDED PIPE OPENING SPECIFICATION**

- MINIMUM EDGE DISTANCE FOR AN OPENING ON THE OUTSIDE WALL SHALL BE NO LESS THAN 2" IF
- MAXIMUM OPENING SIZE TO BE DETERMINED BY THE MODULE HEIGHT. PREFERRED OPENING SIZE IS 8" OR LESS. ANY OPENING LARGER THAN DOES NOT FIT THIS CRITERIA SHALL BE BROUGHT TO THE ATTENTION OF STORMTRAP FOR REVIEW.
- CONNECTING PIPES SHALL BE INSTALLED WITH A 1"-0" CONCRETE COLLAR, AND AN AGGREGATE CRADLE FOR AT LEAST ONE PIPE LENGTH (SEE PIPE CONNECTION DETAILS). A STRUCTURAL GRADE CONCRETE OR HIGH STRENGTH, NON-SHRINK GROUT WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI SHALL BE USED.
- THE ANNULAR SPACE BETWEEN THE PIPE AND THE HOLES SHALL BE FILLED WITH HIGH STRENGTH NON-SHRINK GROUT.

**RECOMMENDED PIPE INSTALLATION INSTRUCTIONS**

- CLEAN AND LIGHTLY LUBRICATE ALL OF THE PIPE TO BE INSERTED INTO STORMTRAP.
- IF PIPE IS CUT, CARE SHOULD BE TAKEN TO ALLOW NO SHARP EDGES. BEVEL AND UNSURFACE LEGS END OF PIPE.
- ALIGN CENTER OF PIPE TO CORRECT ELEVATION AND SLOPE INTO OPENING.

NOTE: ALL ANCILLARY PRODUCTS/SPECIFICATIONS RECOMMENDED AND SHOWN ON THIS SHEET ARE RECOMMENDATIONS ONLY AND SUBJECT TO CHANGE PER THE INSTALLING CONTRACTOR AND/OR PER LOCAL MUNICIPAL CODE/REQUIREMENTS.

**PRECAST CONCRETE ADJUSTING RINGS, RINGS OR CONE INSPECTIONS (AS NEEDED) (SEE FOLLOWING PIPE OPENING SPECIFICATION NOTE & SUPPLIED BY OTHERS)**

**NON-SHRINK GROUT**

**FRAME & COVER AS SPECIFIED BY MANUFACTURER (SUPPLIED BY OTHERS)**

**WALL OF STORMTRAP**

**1"-0" x 1"-0" CONCRETE COLLAR**

**SALE/OUTLET PIPE**

**AGGREGATE CRADLE**

**RISER / STAIR DETAIL**

**WALL OF STORMTRAP**

**1"-0" x 1"-0" CONCRETE COLLAR**

**SALE/OUTLET PIPE**

**AGGREGATE CRADLE**

**PIPE CONNECTION DETAIL**

**STEP DETAIL**

NOTES:  
 1. HIGHEST STEP SHALL BE 1" FROM INSIDE EDGE OF STORMTRAP MODULE.  
 2. ALL ENDING STEPS SHALL BE 1" FROM INSIDE EDGE OF STORMTRAP MODULE.  
 3. STEPS MAY BE MOVED OR ADJUSTED TO AVOID OPENINGS OR OTHER OBSTRUCTIONS IN THE MODULE.  
 4. STEPS SHALL BE PLACED WITH A MAXIMUM DISTANCE OF 1" BETWEEN THEM.  
 5. STEPS SHALL BE PLACED WITH A MAXIMUM DISTANCE OF 1" FROM THE INSIDE EDGE OF THE STORMTRAP MODULE.  
 6. STEPS MAY BE MOVED OR ADJUSTED TO AVOID OPENINGS OR OTHER OBSTRUCTIONS IN THE MODULE.

**StormTrap**  
 PARTS LIST AT: [www.stormtrap.com](http://www.stormtrap.com)  
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 PHONE: 312-463-0551

**PROJECT INFORMATION:**  
 RUSH OAK PARK HOSPITAL  
 ER FACILITY  
 CHICAGO, IL

**CURRENT ISSUE DATE:**  
 11/12/2016

**ISSUED FOR:**  
 PRELIMINARY

**REV. DATE: ISSUED FOR: DRAWN BY:**

**SCALE:**  
 N/A

**SHEET TITLE:**  
 RECOMMENDED PIPE / ACCESS OPENING SPECIFICATIONS

**SHEET NUMBER:**  
 5.0

**NOTES:**

- THE APPROVED GEOWEB SHALL BE PRESTO GEOWEB (OWNED). THE GEOWEB NOMINAL COVERINGS SHALL BE 1" FT. 23 FT.
- THE CONCRETE SPLASH PAD AND GEOWEB SHALL BE INSTALLED PRIOR TO INSTALLATION OF THE STORMTRAP MODULES.
- THE GEOWEB INFILL MATERIAL SHALL BE #3 AGGREGATE.
- THE CONCRETE SPLASH PAD SHALL BE INSTALLED WITHIN THE GEOWEB AND IS REQUIRED AT ALL PIPE ENTRY LOCATIONS.
- THE GEOWEB EDGE SHALL BE INSTALLED 1" FT. BEYOND THE OUTER PERIMETER OF THE STORMTRAP SYSTEM.
- THE GEOWEB COVERING SHALL BE INSTALLED 1" FT. BEYOND THE OUTER PERIMETER OF THE STORMTRAP SYSTEM.
- THE GEOWEB COVERING SHALL BE INSTALLED 1" FT. BEYOND THE OUTER PERIMETER OF THE STORMTRAP SYSTEM.
- REFER TO SPLASH PAD LAYOUT FOR CONCRETE SPLASH PAD CORING.
- IF ANY PRODUCT OTHER THAN PRESTO GEOWEB IS TO BE INSTALLED, THE PRODUCT MANUFACTURER IS REQUIRED TO SUBMIT A LETTER STATING THAT THE PRODUCT IS EQUAL OR BETTER THAN PRESTO GEOWEB, BOTH IN PERFORMANCE AND IN STRUCTURAL CAPACITY.

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**CURRENT ISSUE DATE:**  
 11/12/2016

**ISSUED FOR:**  
 PRELIMINARY

**REV. DATE: ISSUED FOR: DRAWN BY:**

**SCALE:**  
 N/A

**SHEET TITLE:**  
 SPLASH PAD & GEOWEB DETAILS

**SHEET NUMBER:**  
 6.0

**SPLASH PAD DETAIL**

**SPLASH PAD ELEVATION**

**SPLASH PAD & GEOWEB PLAN VIEW - SIDE WALL**

**SPLASH PAD & GEOWEB PLAN VIEW - END PANEL**

**SPLASH PAD CONFIGURATION**

**CONCRETE SPLASH PAD**

**PIPE PENETRATION**

**GEOWEB**

**STORMTRAP EXTERIOR WALL**

**STORMTRAP INTERIOR WALL**

**STORMTRAP MODULE**

**STORMTRAP PANEL**

**STORMTRAP WALL**

**AGGREGATE FOUNDATION**

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## 28. GREATER DOWNTOWN MODEL

## **28. GREATER DOWNTOWN MODEL**

The Greater Downtown Model requirement is not applicable. The proposed development does not affect and will not be affected by the Greater Downtown TIF.



## 29. ENERGY ANALYSIS

## **29. ENERGY ANALYSIS REPORT**

The applicant, Rush Oak Park Hospital, hereby requests a waiver of the Energy Analysis Report requirement.



The Village of Oak Park  
Village Hall  
123 Madison Street  
Oak Park, Illinois 60302

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Fax 708.383.6692  
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May 24, 2017

Lenny D. Asaro, Attorney  
NEAL and LEORY, LLC  
120 N. LaSalle St., Ste, 2600  
Chicago, IL 60602

Sent Via E-Mail and Regular Mail

**RE: WAIVER REQUEST for the Rush Oak Park Hospital Planned Development  
[520 South Maple Avenue]**

Dear Mr. Asaro:

The Oak Park Zoning Ordinance allows applicants for planned developments to request a waiver of any application requirement, which in the applicant's judgment should not apply to the proposed development. The Zoning Ordinance requires the Village Planner or designee to review and decide on the waiver requests within ten (10) working days of their receipt. The waiver request was received on Monday, May 22, 2017 as part of the preliminary planned development application.

**Planned Development Item #12: Market Feasibility Report. [Approved]**

This report is based on a residential or commercial component of a development. An emergency room is unique and does not require such a report.

**Planned Development Item #29: Energy Analysis. [Approved]**

It was determined that the emergency room, while trying to achieve sustainable practices, will not be undergoing a geothermal system installation.

**Planned Development Item #31: LEED Requirements. [Approved with Condition]**

It would be acceptable to forgo the requirement of registering with the USGBC and escrowing funds with the Village, but it would be expected that a third party commissioner, acceptable to the Village, be engaged to ensure that the development at least meets the *LEED Certification* requirement benchmark of 40-49 points or the minimum requirement of another rating system acceptable to the Village of Oak Park. If a third party commissioner cannot be engaged, this waiver will be rescinded.

If you have any questions regarding this letter please feel free to contact me at 708/358-5418 or by e-mail at [cfailor@oak-park.us](mailto:cfailor@oak-park.us). Please include this letter in the final application packet for public hearing.

Respectfully,

**VILLAGE OF OAK PARK**  
*Development Customer Services Department*

Craig Failor, AICP, LEED AP, ENV SP  
Village Planner

c. Project Review Team



## 30. HISTORICALLY SIGNIFICANT PROPERTIES

### **30. HISTORICALLY SIGNIFICANT PROPERTIES**

Historically Significant Properties requirement is not applicable. The proposed development is neither in any historic preservation district or as identified said historically significant structures and does not impact any said historically significant structure.

## 31. LEED REQUIREMENTS



### **31. LEED REQUIREMENTS**

The applicant, Rush Oak Park Hospital, hereby requests a waiver of the LEED requirements. The proposed development will not be registered with the U. S. Green Building Council. Rush Oak Park Hospital understands it will need to meet the minimum point system for sustainable construction. Rush Oak Park Hospital agrees to engage a third-party verifier to review and confirm necessary points are met.



**LEED v4 for BD+C: Healthcare**  
Project Checklist

Project Name: ROPH Emergency Department  
Date: 6/21/2017

Y ? N

Y	Prereq	Integrative Project Planning and Design	Required
1	Credit	Integrative Process	1

<b>4</b>	<b>5</b>	<b>0</b>	<b>Location and Transportation</b>	<b>9</b>
0	Credit	LEED for Neighborhood Development Location	9	
1	Credit	Sensitive Land Protection	1	
2	Credit	<b>High Priority Site - brownfield?</b>	2	
1	Credit	Surrounding Density and Diverse Uses - nearby services	1	
2	Credit	Access to Quality Transit - two busses, Blue Line	2	
1	Credit	Bicycle Facilities - AT will review	1	
1	Credit	Reduced Parking Footprint - parking lot not in LEED boundary, chk stndrd	1	
1	Credit	Green Vehicles - this is likely achievable, possibly costly	1	

<b>7</b>	<b>2</b>	<b>0</b>	<b>Sustainable Sites</b>	<b>9</b>
Y	Prereq	Construction Activity Pollution Prevention	Required	
Y	Prereq	Environmental Site Assessment	Required	
1	Credit	Site Assessment - AT will verify - Phase I, Phase II, NFR (if req'd)	1	
1	Credit	<b>Site Development - Protect or Restore Habitat - green roof, 30% of site</b>	1	
1	Credit	Open Space - green roof + walks, green roof more than sedum	1	
2	Credit	<b>Rainwater Management - calcs required</b>	2	
1	Credit	Heat Island Reduction - roof and non-roof	1	
1	Credit	Light Pollution Reduction - BUG luminaires, emergency lgt exempt	1	
1	Credit	Places of Respite - AMA will review	1	
1	Credit	Direct Exterior Access - AMA will review	1	

<b>5</b>	<b>0</b>	<b>4</b>	<b>Water Efficiency</b>	<b>11</b>
Y	Prereq	Outdoor Water Use Reduction - no irrigation	Required	
Y	Prereq	Indoor Water Use Reduction - 20% below standard	Required	
Y	Prereq	Building-Level Water Metering	Required	
1	Credit	Outdoor Water Use Reduction	1	
3	Credit	Indoor Water Use Reduction - 35% savings - many hand-washing sinks	7	
2	Credit	Cooling Tower Water Use	2	
1	Credit	Water Metering - meter indoor plumbing, domestic hot water	1	

<b>10</b>	<b>9</b>	<b>16</b>	<b>Energy and Atmosphere</b>	<b>35</b>
Y	Prereq	Fundamental Commissioning and Verification	Required	
Y	Prereq	Minimum Energy Performance - review v4 DES guidelines in Ref Guide	Required	
Y	Prereq	Building-Level Energy Metering	Required	
Y	Prereq	Fundamental Refrigerant Management	Required	
5	Credit	Enhanced Commissioning - assumes enhanced plus envelope	6	
3	Credit	Optimize Energy Performance - assumes min 6% cost savings	20	
1	Credit	<b>Advanced Energy Metering</b>	1	
2	Credit	Demand Response	2	
3	Credit	Renewable Energy Production	3	
1	Credit	Enhanced Refrigerant Management - depends on central plant	1	
2	Credit	Green Power and Carbon Offsets - purchase from provider	2	

<b>8</b>	<b>2</b>	<b>9</b>	<b>Materials and Resources</b>	<b>19</b>
Y	Prereq	Storage and Collection of Recyclables - AT will review	Required	
Y	Prereq	Construction and Demolition Waste Management Planning - Walsh	Required	
Y	Prereq	PBT Source Reduction- Mercury - narrative	Required	
5	Credit	<b>Building Life-Cycle Impact Reduction</b>	5	
1	Credit	Building Product Disclosure and Optimization - Environmental Product Declarations	2	
2	Credit	Building Product Disclosure and Optimization - Sourcing of Raw Materials	2	
1	Credit	Building Product Disclosure and Optimization - Material Ingredients	2	
1	Credit	PBT Source Reduction- Mercury	1	
2	Credit	PBT Source Reduction- Lead, Cadmium, and Copper	2	
2	Credit	Furniture and Medical Furnishings - review with Steekcase	2	
1	Credit	Design for Flexibility	1	
2	Credit	Construction and Demolition Waste Management - 75%, 4 waste streams	2	

<b>8</b>	<b>2</b>	<b>6</b>	<b>Indoor Environmental Quality</b>	<b>16</b>
Y	Prereq	Minimum Indoor Air Quality Performance - ASHRAE 62.1	Required	
Y	Prereq	Environmental Tobacco Smoke Control - no smoking	Required	
1	Credit	<b>Enhanced Indoor Air Quality Strategies - walkoff mats, exhaust, MERV 13</b>	2	
2	Credit	Low-Emitting Materials - review specs	3	
1	Credit	Construction Indoor Air Quality Management Plan - contractor activity	1	
2	Credit	Indoor Air Quality Assessment - IAQ test, can also do flushout	2	
1	Credit	Thermal Comfort - ASHRAE 55	1	
1	Credit	Interior Lighting - lighting control and quality	1	
2	Credit	Daylight	2	
2	Credit	Quality Views	2	
2	Credit	Acoustic Performance	2	

<b>2</b>	<b>4</b>	<b>0</b>	<b>Innovation</b>	<b>6</b>
1	Credit	Innovation - transit, walkable streets, double EPDs	5	
1	Credit	LEED Accredited Professional	1	

<b>2</b>	<b>2</b>	<b>0</b>	<b>Regional Priority</b>	<b>4</b>
1	Credit	Regional Priority: Site Dev Protect Restore Habitat	1	
1	Credit	Regional Priority: Rainwater management (2 pts)	1	
1	Credit	Regional Priority: high priority site (2 pts)	1	
1	Credit	Regional Priority: Enhanced IAQ strategies (2 pts)	1	

<b>46</b>	<b>26</b>	<b>36</b>	<b>TOTALS</b>	<b>Possible Points: 110</b>
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Certified: 40 to 49 points, Silver: 50 to 59 points, Gold: 60 to 79 points, Platinum: 80 to 110







The Village of Oak Park  
Village Hall  
123 Madison Street  
Oak Park, Illinois 60302

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May 24, 2017

Lenny D. Asaro, Attorney  
NEAL and LEORY, LLC  
120 N. LaSalle St., Ste, 2600  
Chicago, IL 60602

Sent Via E-Mail and Regular Mail

**RE: WAIVER REQUEST for the Rush Oak Park Hospital Planned Development  
[520 South Maple Avenue]**

Dear Mr. Asaro:

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Village Planner

c. Project Review Team

## 32. RECORDATION

### **32. RECORDATION**

The applicant, Rush Oak Park Hospital, hereby acknowledges the responsibility of recording a certified copy of the zoning ordinance granting the planned-development permit with the Cook County Recorder of Deeds and will provide evidence of said recording to the Village within (30) thirty days of passage in the event the proposed planned development is approved by the Village Board.