

ARCHITECTURAL REVIEW COMMITTEE – STAFF REPORT

Advisory Review

Address:
Meeting Date:
Property Owner:
Architect:
Historic Designation:
Zoning:
Project Description:
Requirements:

117 S Ridgeland Ave

October 24, 2024 James and Stacy Pfluecke Tracey J. Brewer Contributing building in the Ridgeland-Oak Park Historic District R-3-50: Single-Family Residential Construction of new garage Garage Policy; New Construction, and Addition



2015 Village photo

Architectural Review Guidelines

The purpose for architectural review is to protect the unique visual qualities of a building and its site that define their sense of history from inappropriate proposed alterations that will reduce that sense.

The relevant standards from the <u>Secretary of the Interior's Standards for Rehabilitation</u> include the following:

- 1. A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.
- 2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
- 3. Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
- 4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.

- 5. Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved.
- 6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.
- 7. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.
- 9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
- 10. New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

Relevant standards from the <u>Requirements for New Construction</u>, Addition, & Demolition Projects include the following:

Demolition and Relocation

- Landmarks and contributing resources in historic districts shall be retained and repaired in their original location.
- Historic accessory buildings and structures, such as garages and coach houses, which are visible from the street shall be retained and repaired in their original location.
- In case of demonstrated economic infeasibility, demolition or relocation of contributing resources in historic districts and historic accessory buildings visible from the street can be considered at the discretion of the Commission.

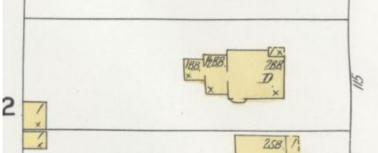
Applicant's Proposal

The applicant plans to construct a new 26'x (22'+3') garage with frame construction in a similar location to the existing garage. The new garage will have fixed casement wood windows with aluminum cladding, and painted wood clapboard siding. The applicant attended the HPC Meeting on June 13, 2024, for a Certificate of Appropriateness to demolish the exiting historic garage, and the Commission approved the demolition. The applicant is requesting an advisory review regarding the proposed new garage.

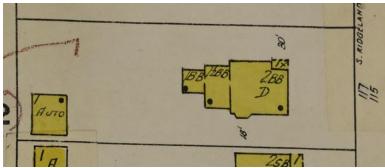
Historical Summary

The house at 117 S Ridgeland Ave was build ca. 1880. A number of alterations and repairs were made in 1921, including changing the shape of the front porch from 6x10' to 10x10'. This may have been part of an effort to create two apartments in the house. In 1944 the house was divided into three apartments and a rear stair was added for access.

The garage was built in 1923.



1908 Sanborn with previous outbuilding, construction date unknown



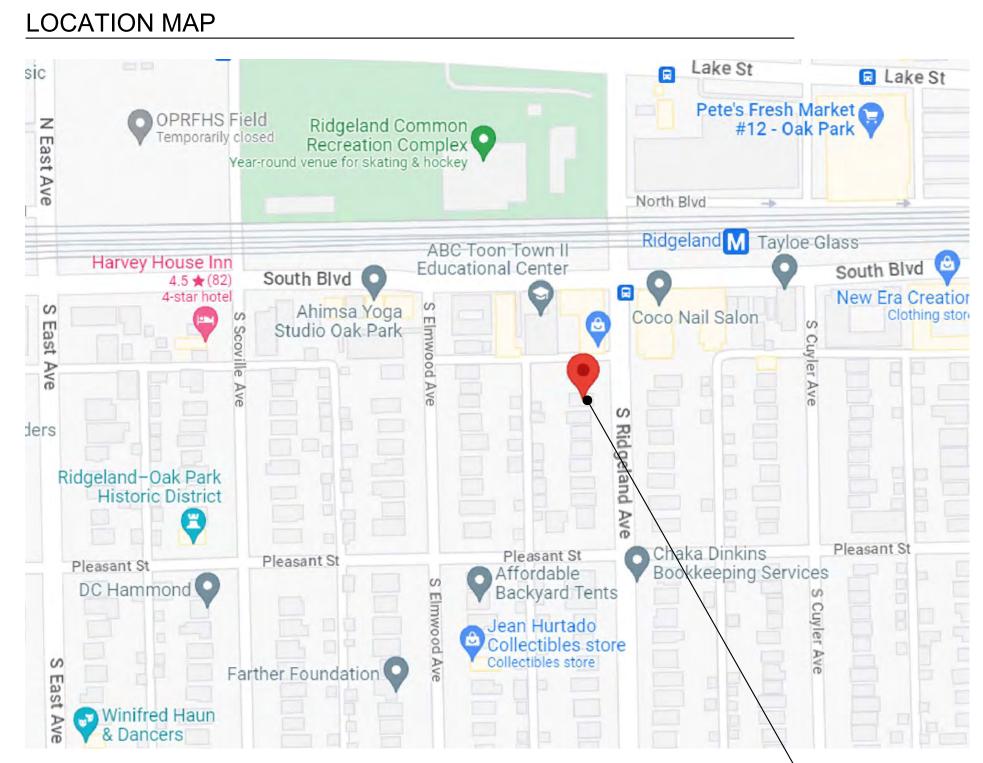
1950 Sanborn with current garage

Staff Comments

The applicant plans to construct a new 26'x (22'+3') garage with frame construction in a similar location to the existing garage. The new garage will have fixed casement wood windows with aluminum cladding, and painted wood clapboard siding. The Architectural review Committee should provide recommendations based on the Architectural Review Guidelines. Please note that this is an Advisory Review only.

Attachments

- 117 S Ridgeland Ave New Garage Plans and Elevations
- 117 S Ridgeland Ave Approved Certificate of Appropriateness 6.13.2024
- 117 S Ridgeland Ave Plat of Survey



PROJECT LOCATION

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	FD	FLOOR DRAIN	PT	PRESSURE-TREATED	ROOM #	ROOM NAME/NUMBEF
BRG	BEARING	FJ	FLOOR JOISTS	R	RISER	\bigcirc	NOTE TAG
B/	BOTTOM OF	FL	FLOOR	REQ'D	REQUIRED	(###	DOOR TAG
CJ	CEILING JOISTS	HDWD	HARDWOOD	RO	ROUGH OPENING	$\langle \! \times \! \times \rangle$	WINDOW TAG
CL	CENTERLINE	HDWR	HARDWARE	RR	ROOF RAFTERS	∞—	_ WALL TYPE (See A4-# series dwgs)
CLG	CEILING	HR	HOUR	SE	SEWAGE EJECTOR PIT & PUMP		
CLO.	CLOSET	HT	HEIGHT	SIM	SIMILAR		- ELEVATION # EXTERI
CONC	CONCRETE	HW	HOT WATER	SP	SUMP PUMP & PIT W/BACK-UP BATTERY	(xx-x/	ELEVAT — SHEET #
СТ	CERAMIC TILE	INT	INTERIOR	STD	STANDARD	\checkmark	- SECTION #
DIA	DIAMETER	INSUL	INSULATION	ТНК	THICK	$\overset{\times}{\boxtimes}$	SECTIC SECTIC
DIM	DIMENSION	LVT	LUXURY VINYL TILE	Т	TREAD	~	DETAIL #
DN	DOWN	MFR	MANUFACTURER	Τ/	TOP OF		DETAIL
EA	EACH	MWK	MILLWORK	T&G	TONGUE AND GROOVE	S.	— DWG #
EL	ELEVATION	MTL	METAL	TYP.	TYPICAL	FLOOR EL:+X'-X	ELEVATION TAG/ MAR
EQ	EQUAL	NIC	NOT IN CONTRACT	UNO	UNLESS NOTED OTHERWISE	_# \	DRAWING REVISION T
EX	EXISTING	NTS	NOT TO SCALE	VIF	VERIFY IN FIELD	SD	SMOKE DETECTOR
EXT	EXTERIOR	OC	ON CENTER	WD	WOOD		
FIN	FINISH	PL	PLATE	WIC	WALK-IN CLOSET	CO SD	COMBINED CARBON MONOXIDE & SMOKE



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SCALE AS A RESULT OF REPRODUCTION.

LEGEND

NEW DETACHED GARAGE AT AN **EXISTING 2-STORY + BASEMENT** SINGLE-FAMILY RESIDENCE AT:

117 S. RIDGELAND AVE. OAK PARK, ILLINOIS

Adopted Village of Oak Park Codes

- In addition to the amendments posted online at <u>www.oak-park.us.</u> Oak
- Park has adopted the following codes:
- International Residential Code 2021 Edition w/amendments
 International Energy Conservation Code 2021 Edition
 National Electric Code 2020 Edition w/amendments
- 2014 Illinois State Plumbing Code
- International Existing Building Code 2021 Edition o Also adhere to IOOT, MWRD, OSHA, IIEPA, EPA, Federal and State
- regulations
- Code books may be purchased by contacting the International Code Council, 800.214.4321 or <u>www.intlcode.org</u>

	NUMBER TAG		NEW PARTITION- SEE PLANS FOR TYPE
TAG TAG		==	EXISTING CONSTRUCTION TO BE REMOVED
W TAG	3		EXISTING CONSTRUCTION TO REMAIN
⁻YPE I-# serie	es dwgs)	2000200000000	THERMAL INSULATION
TION #	EXTERIOR	The optical	CONCRETE
#	ELEVATION TAG	222222	CONCRETE MASONRY UNIT (C.M.U.)
DN #	SECTION TAG	222XXXX2	MORTAR, GROUT, THINSET OR CEMENT
#		2010/02/22	GYPSUM BOARD
#			PLYWOOD
	DETAIL TAG		RIGID INSULATION
	AG/ MARK		STEEL
		1227	WOOD
NG RE	VISION TAG		WOOD-ROUGH OR FRAMING

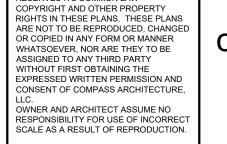
DRAWING INDEX

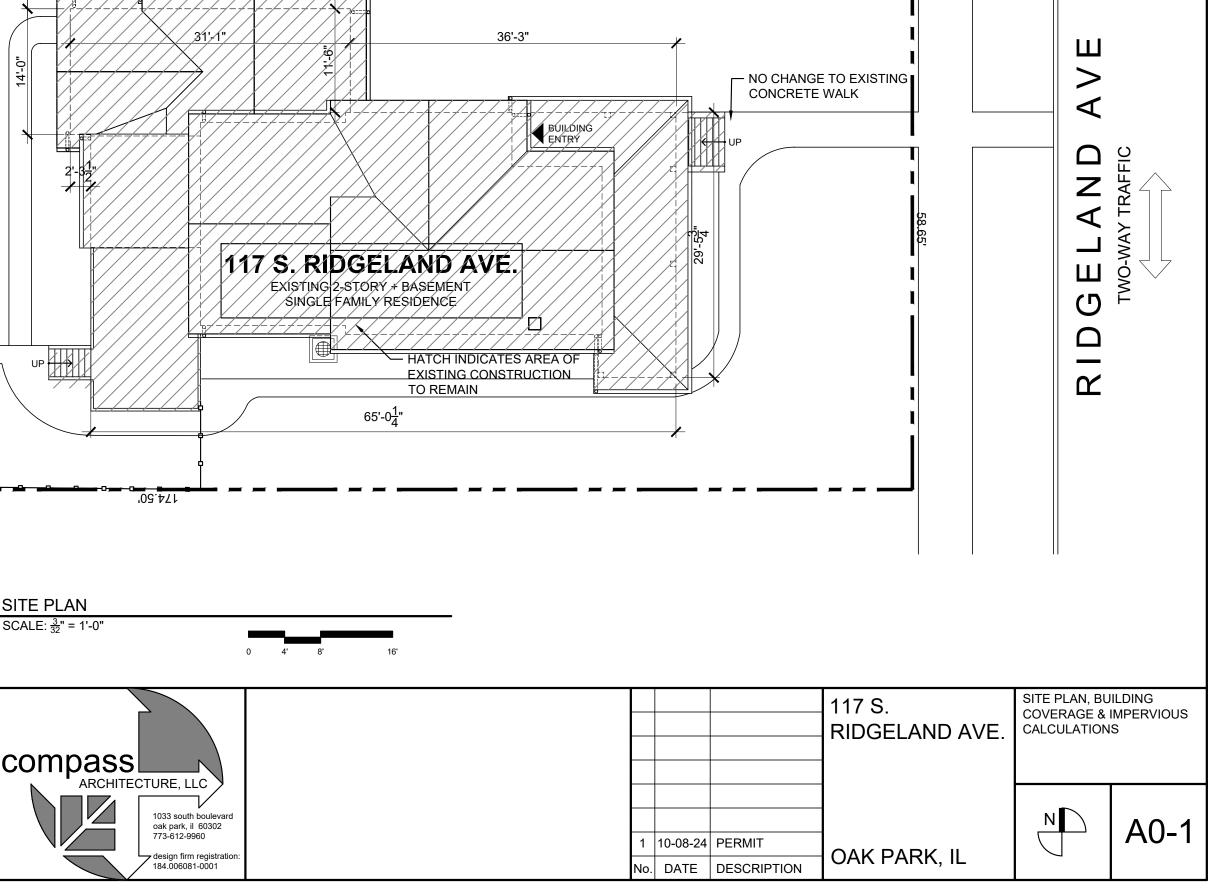
DWG #	DESCRIPTION	ISSUED FOR PERMIT: 10/08/2024	
ARCHITE	CTURAL	-111	
A0-0	COVER SHEET		
A0-1	SITE PLAN		
A0-2	PLAT OF SURVEY, SPECIFICATIONS		
A0-3	SPECIFICATIONS		
A0-4	LATERAL BRACING DETAILS		
A1-0	GARAGE DEMOLITION PLAN, GARAGE FOUNDATION PLAN		
A1-1	GARAGE FLOOR PLAN, GARAGE ATTIC PLAN, ATTIC FLOOR AND ROOF FRAMING PLANS		
A1-2	GARAGE ROOF PLAN		
A2-1	EXTERIOR ELEVATIONS, WINDOW SCHEDULE		
A2-2	EXTERIOR ELEVATIONS		
A3-1	BUILDING SECTION, WALL SECTION		
ELECTRIC	AL		
E1-1	GARAGE ELECTRICAL PLAN, ATTIC ELECTRICAL PLAN		

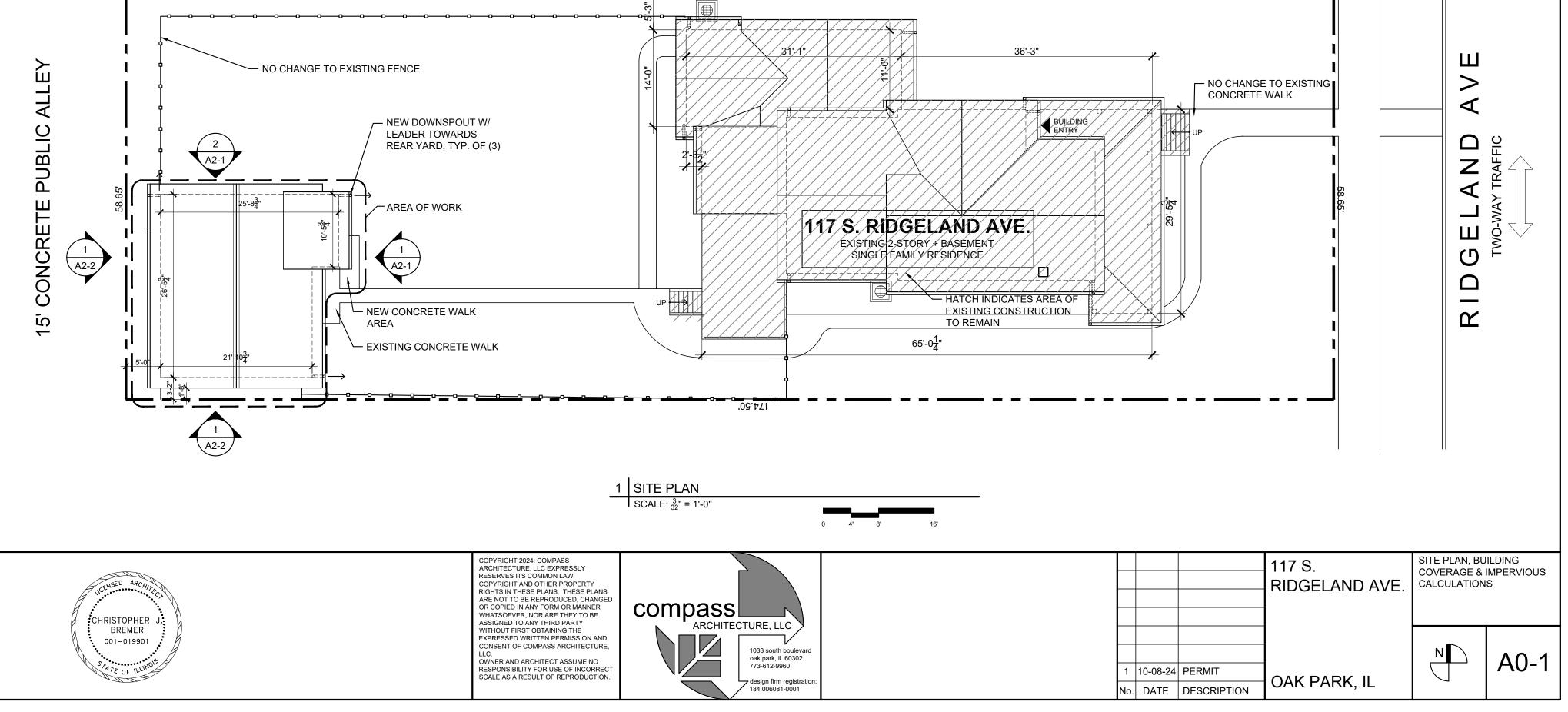
NED CARBON XIDE & SMOKE DETECTOR

	USE OF DRAWINGS NOTE: EVERY CONTRACTOR AND SUB-CONTRACTOR BY USING THESE PLANS FOR THEIR WORK HEREBY AGREES TO HOLD HARMLESS THE VILLAGE OF OAK PARK, THE OWNER OF RECORD, THE LANDLORD, THE TENANT/LICENSEE, THE ARCHITECT (CHRISTOPHER BREMER), INCLUDING THEIR DURIES, FROM AND AGAINST ANY LIABILITY CLAIMS DAMAGES	ARCHITECT'S STATEMENT & SEAL I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE COMPLY TO THE VILLAGE OF OAK PARK BUILDING CODES AND			117 S. RIDGELAND AVE.	COVER SHEET ABBR., DRAWI LOCATION MAI	NG INDEX,
ARCHITECTURE, LLC 1033 south boulevard oak park, il 60302 773-612-9960 design firm registration 184.006081-0001	AND THE COST OF DEFENSE, ARISING OUT OF THE CONTRACTORS' PERFORMANCE OF THE WORK DESCRIBED IN THESE PLANS AND SPECIFICATIONS, BUT NOT INCLUDING THE SOLE NEGLIGENCE OF THE OWNER, LANDLORD, TENANT/LICENSEE, ARCHITECT, DESIGNER OR ENGINEER OR THEIR EMPLOYEES. CONSULTANTS AND AGENTS.	ORDINANCES. Christopher J Bremer 10/08/2024 CHRISTOPHER J. BREMER #001-019901 EXP. 11/30/2026	1 No.	 PERMIT	OAK PARK, IL	N	A0-0









174.50'

TOTAL AREA OF SITE:	10,234 SF	TOTAL AREA OF SITE:	10,234 SF
ALLOWABLE (40%): ACTUAL:	4,094 SF 27%	ALLOWABLE (50%): ACTUAL:	<u>5,117 SF</u> <u>34%</u>

SITE AREA - BUILDING COVERAGE								
EXISTING HOUSE	2,106 SF							
PROPOSED GARAGE	618 SF							
	2,724 SF							

SITE AREA - IMPERVIOUS SURFACE COVERAGE								
EXISTING HOUSE	2,106 SF							
PROPOSED GARAGE	618 SF							
EXISTING DRIVEWAY, WALKS, & STAIRS	783 SF							
NEW WALK	23 SF							
	3,530 SF							

R-3-50 ZONING, SINGLE FAMILY RESIDENCE

01- GENERAL NOTES

1. All contractors shall conform w/AIA document A201 General Conditions To The Contract For Construction

2. The bid will be for all work as shown in Drawings and Specifications and related work required for project completion

3. All bidders must examine the Drawings, read the Specifications, and visit the site of this project to fully investigate the extent and quality of the work required. Bidders shall be amiliar with the location and access to construction site, availability of utilities, the condition of the site and any existing construction, and governing regulatory agencies and permit processes

4. The successful bidder shall furnish the Owner with certificates of insurance, in amounts listed below or other amounts as required by law, whichever is greater. Workmen's Compensation insurance for at least \$500,000 each occurrence and \$500,000 total for Bodily Injury including Personal Injury.

Property Damage for at least \$1,000,000. Comprehensive Automobile Liability for at least \$250,000 for each person, \$500,000 each occurrence, and Property Damage for at least \$100,000 for each accident.

5. Questions may be submitted during the bidding period. Questions will be answered in writing in a timely manner and copies will be distributed simultaneously to all bidders. Submit questions to: Compass Architecture LLC., 840 Home Ave., Oak Park, IL 773-612-9960.

6. The Work includes all construction materials, labor, equipment, and services required or reasonably inferred by the Drawings, Specifications, and related Contract Documents. This includes labor, materials, etc. even if not explicitly required in the documents, as necessary to complete the project and provide project safety and security.

7. DO NOT SCALE DRAWINGS. Verify field dimensions before ordering fabrications or products to fit in place. Notify Architect immediately of existing conditions and dimensions that differ from those shown in the Drawings

8. Unless noted otherwise, the subject of all imperative sentences in the Specifications is the Contractor. For example, "Provide I..." means "Contractor performing the work shall provide I..

9. The project work shall comply with all applicable federal, state, county and/or city regulations, and with the codes listed on A0-0 and rules of other governing regulatory agencies. Submit two copies of any required permits, inspection reports, and/or certificates of ompliance to Owner

10. Substitution of any specified item is not permitted except through written request and written approval by the Architect or Owner. The Contractor's request must provide all specification data and certification that the substitution meets all requirements of the originally specified item

11. The Contractor shall have complete responsibility for, and control over, construction nethods, techniques, procedures and project safety and security. Provide administrative coordination of all work, including trained, qualified employees and subcontractors, and supervisory personnel. Arrange and conduct preconstruction and construction meetings with design principals, consultants, and construction trades when required by the Owner.

12. Any stated observations of possible safety or security hazards offered by the Architect of Owner in no way relieves the Contractor of full responsibility for such condition

13. Clean up: All contractors are responsible for cleaning their own construction debris. Contractors not cleaning the job site on a daily basis will be back charged accordingly. Keep all work clean and well protected from dirt, weather, theft, and damage. Keep the buildings and site well organized and clean throughout the construction period. Provide general clear up daily and complete weekly pickup and removal of all scrap and debris from the site. Exception: Reusable scrap shall be stored in a neatly maintained, designated storage area. Daily cleanup shall include a thorough broom-clean sweep of all interior spaces. Also, each week, sweep paved areas on the site and public paved areas adjacent to the site. Completely emove swept dirt and debris. Daily and weekly cleaning will not replace required clean up after the work of specific trades such as specified herein. At completion of the Work, remove from the job site all tools and equipment, surplus materials, equipment, scrap and debris. Exterior of building: Inspect exterior surfaces and remove all waste materials, paint drippings, spots, stains or dirt. Interior of building: Inspect interior surfaces and remove all waste materials, paint droppings, spots, stains or dirt. Glass: Clean inside and outside so there are no spots or dirt, and no smudges or streaks remain from the cleaning process.

14. The contractor shall promptly pay for all labor, equipment, materials and services required to complete Work as described in the Construction Agreement. No other work is proposed other than shown in the submitted drawings.

15. Provide warranties as specified. Supplier or installer responsible for performance shall sign warranties. Warranties shall not limit liability for negligence or non-compliance with documents. Ontario New Home Warranty Program, Second Edition, shall govern when no other specification is present.

16. Submit samples of proposed exposed finishes and hardware for approval by the Owner.

17. The contractor shall pay for special permits, inspections, tests, certifications, etc. as made necessary in the course of construction per Contract Documents.

18. The contractor shall be held responsible for all damages caused by his employees or subcontractors. The Contractor shall be held responsible for all errors, omissions, negligence, non-compliance with drawings and specifications, or uncorrected work by employees, suppliers, fabricators, and subcontractors.

19. The Contractor shall hold harmless the Owner and Architect from and against all claims, damages, losses, expenses, legal fees or other costs resulting from the Contractor's performance of the Work of the Construction Agreement.

20. Revisions, additions, or deletions to the Work under this agreement will be made by written order signed by Owner and Contractor

21. All large scale details shall govern over smaller scale drawings. In the absence of a clarification of any conflicts in the contract documents, the contractor shall assume responsibility for the higher quality or greater quantity of construction.

22. Provide is an imperative meaning both Furnish and Install. and shall be assumed meaning of similar phrases noted in the drawings except where specifically listed that the contractor shall "Furnish Only" or "Install materials furnished by others".

Contractor shall provide temporary bracing to the structure capable of resisting a full wind load upon the buiding until the entire roof deck is connected to the roof structure.

Before submitting a proposal for the project, each bidder shall visit the premises and become fully acquainted with the existing conditions, temporary construction and equipment required. The bids shall include all sums required to complete the work within the existing

Contractors shall verify the existing locations and elevations of existing building foundations and structural elements and underground utilities before proceeding with the work. During execution of the work provide temporary supports, shoring and/or protection as required for existing underground utilities and building structures.

1. Provide barriers, protective covers, security lighting, fencing, and warning signs etc. for project safety and security and to complete the work as specified. Protect adjacent private o public property from dust or debris.

EXCAVATION 1. Fill materials shall be per ASTM D 698.

2. Obtain and obey all applicable regulations regarding grading and excavation. Final grading shall pitch away from perimeter of foundation

3. Call JULIE before any digging begins. Investigate, identify, clearly mark and protect underground utility lines, pipe, cable, conduits, water, sewer, steam, and/or gas lines.

4. Provide engineered shoring and bracing as required by site conditions, OSHA guidelines, regulatory agencies or standard engineering practices.

5. Provide temporary drains and/or pumps to remove ground water

6. Grade and excavate to lines, grades, and elevations as shown in the Drawings

7. Remove and store reusable topsoil in a location as directed by the Owner.

8. Excavate trench and backfill for utilities, footings, and all other work shown in the Drawings

9. Immediately investigate and report to the Owner any unexpected subsurface conditions that appear during excavation.

10. Keep foundation and footing trenches uniform in slope, width, and direction as per

11. Large boulders and rock to be removed will be removed at no additional cost to the

12. Do frequent and thorough cleanups and remove potentially harmful substances strictly

13. Remove all formwork, trash, and debris. Owner will not provide dumpsters for these materials

14. Perform backfill and compaction in a systematic pattern, to assure complete and

15. Use stabilized fill material of an approved type and from an approved source. Do not allow any debris to be mixed with fill.

consistent work. Layer backfill in 6 inch to 12 inch increments and compact all fill.

16. Protect foundation and retaining walls during backfilling.

17. Alternately place backfill at two sides of a wall, to avoid unbalanced loading.

18. Provide graded slopes as required for positive pavement slopes to drains.

03 - CONCRETE

according to governing regulations

1. REFER ALSO TO CONCRETE NOTES ON A1-0 FOR ADDITIONAL SPECIFICATIONS 2. Formwork wood panels shall be solid, exterior grade, with sanded, undamaged surfaces

close to the finish surface of concrete

. Miscellaneous materials include: Flashing reglets: Galvanized steel as manufactured for this purpose with splines to align joints. Waterstops: Polyvinyl chloride. Construction joints: Tongue and groove extruded plastic as manufactured for this purpose. Joint filler: Premolded asphaltic board as per ASTM D 1751. Form-release agent: Clear mineral oil, non-staining, as manufactured for formwork

5. 6 mil clear polyethylene vapor retarder for concrete slab on or below grade with joints lapped and taped a minimum of 8 to 12 inches. Seal entire vapor retarder watertight.

6. Reinforcing bars: Deformed steel bars, Grade 60, Type S, to comply with ASTM A 615. Fabrication to comply with CRSI Reinforcing Bar Detailing.

7. Welded wire reinforcing: Deformed to comply with ASTM A 497. Plain to comply with ASTM A 185.

8. Concrete ingredients: Portland cement ASTM C 150 Normal-Type 1. Graded aggregate. fine and course as per ASTM C 33. Water as per ASTM C 94, clean, free of salt or any

9. Admixtures and miscellaneous materials: Workability and Air entraining admixture as per ASTM C 260 and manufacturer's instructions.

concrete ready-mixed in compliance with ASTM C 94. Concrete strength will conform to ACI 301, 318, and building codes listed on A0-0. Compressive strength of 3000 psi in 28 day test.

11. Add air entraining admixture as necessary to protect concrete exposed to exterior weather. Admixture as per ACI 301 and 318 and manufacturer's instructions

12. Install formwork at allowable distances from property lines and nearby construction Vertically plumb as per ASTM 301. Erect shoring and bracing to firmly and fully support all loads. Comply with ASTM 301. Allow space and openings for flow and placement of concrete. Construct formwork free of defects that would affect appearance of finish concrete surfaces. Secure forms against movement or deflection during and after placement.

13. Install movement joints with secure fillers so that free movement will not be impaired. Install construction joint keys. Construct form joints that are plumb and tight enough to prevent seepage.

14. Treat and clean formwork during construction to remove trash, scraps, and all other foreign materials.

15. Apply form-release materials according to manufacturer's requirements. Apply before adding reinforcing and fittings. Do not apply where such materials might damage applied

16. Repair and recondition reused formwork so that strength, tightness, and surface match original. Where concrete will be exposed, form boards must be free of defects, stains or other contamination.

17. For concrete surfaces to remain visible in finished work, avoid damage to concrete surface from formwork, ties, braces, anchors and inserts

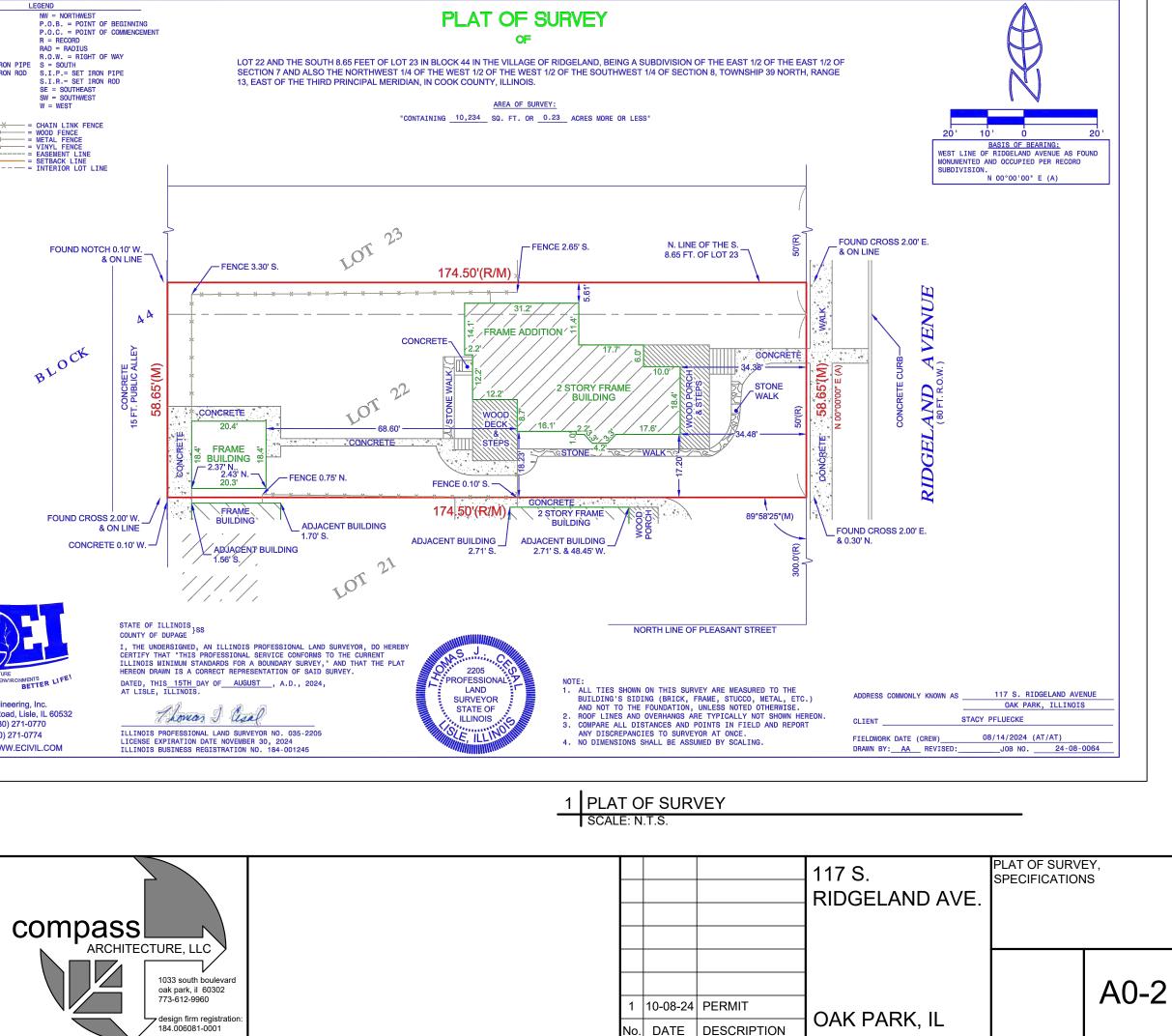
18. Provide openings, chases, sleeves, vents, access panels, bolts, and inserts for other trades such as required for piping, and or conduit. Construct formwork that provides for all required depressed slab areas, cutouts, curbs, and inserts. Set floor components in coordination with finish floor elevations, including drains, equipment anchors, boxes, cleanouts, flanges, and pipe sleeves. Install fittings, anchors, and other accessories, straight and plumb.

19. Separate slabs from walls with 1/2 inch joint filler or bond breaker. Install joint filler at joint lines. Extend joint filler from bottom of slab to 1/2" of top of finished slab surface. Joint filler as per ASTM D 1751

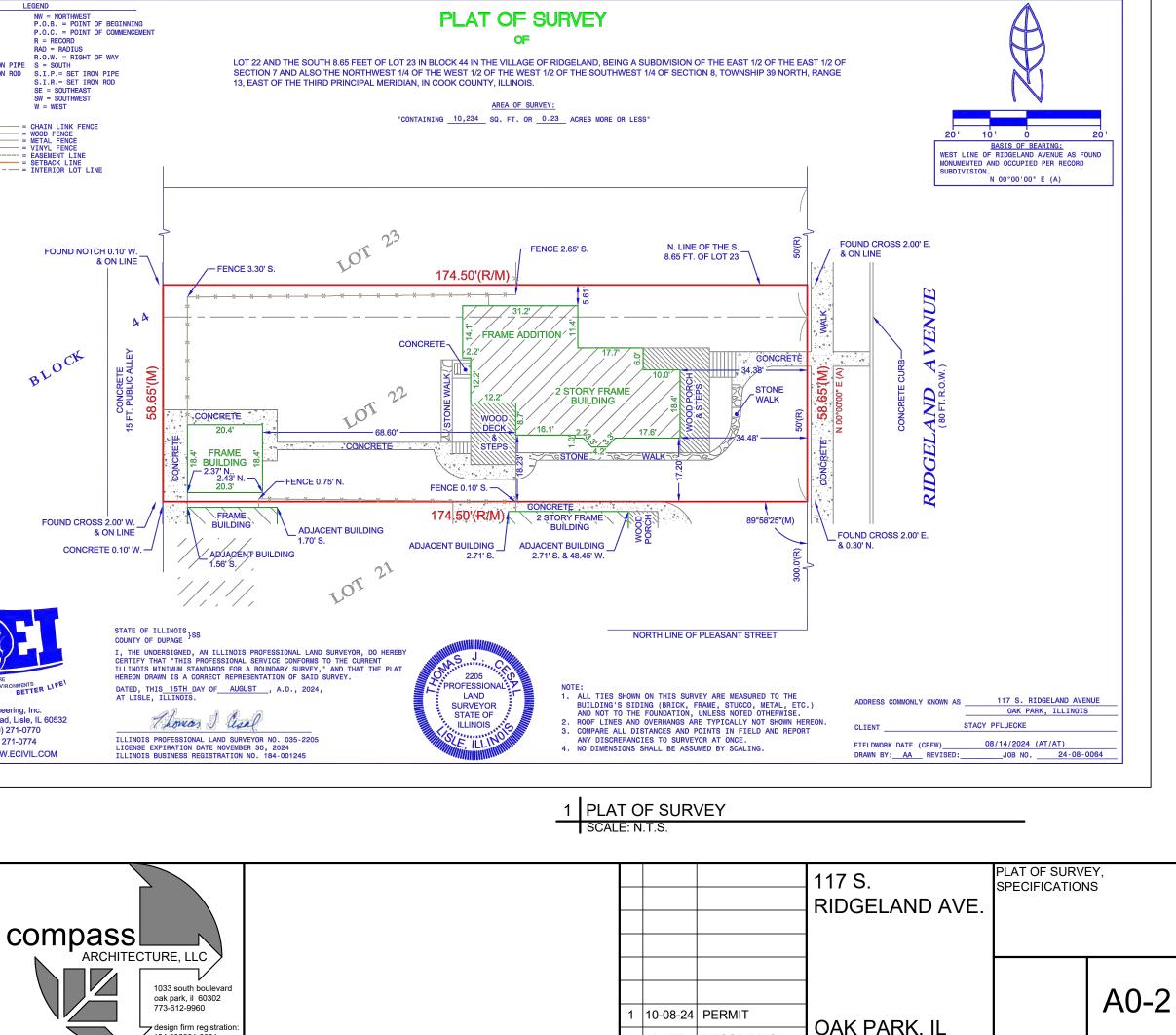
20. Provide cleanouts at ends and low points of forms. Vent potential pockets to prevent air entrapment. Provide ports in high forms

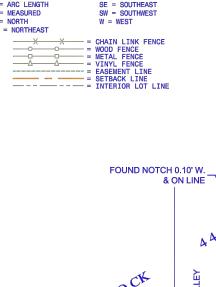
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OWNER AND ARCHITECT ASSUME NO RESPONSIBILITY FOR USE OF INCORRECT SCALE AS A RESULT OF REPRODUCTION









29. Install joint filler at joint lines. Separate slabs from vertical surfaces with 1/2" joint filler of bond breaker. Install concrete without interruption between construction or expansion joints.

27. Prepare previous concrete work for connection with new work by cleaning with wire brush and adding bonding agent as per manufacturer's instructions

attachments, accessories, and inserts in place before pouring.

contact with dissimilar metals

materials that will not rust.

utility trenching and piping.

28. Complete and inspect all subgrade preparations prior to pour. Verify that footing layout conforms to Drawings in all respects such as dimensions, alignment, slopes and distances from property lines. Make all necessary arrangements for continuous inspection of concrete during all phases of batching, mixing, placing, finishing, and curing.

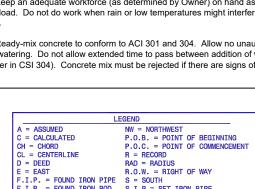
minimum bearing capacity as required by the code listed on sheet A0-0.

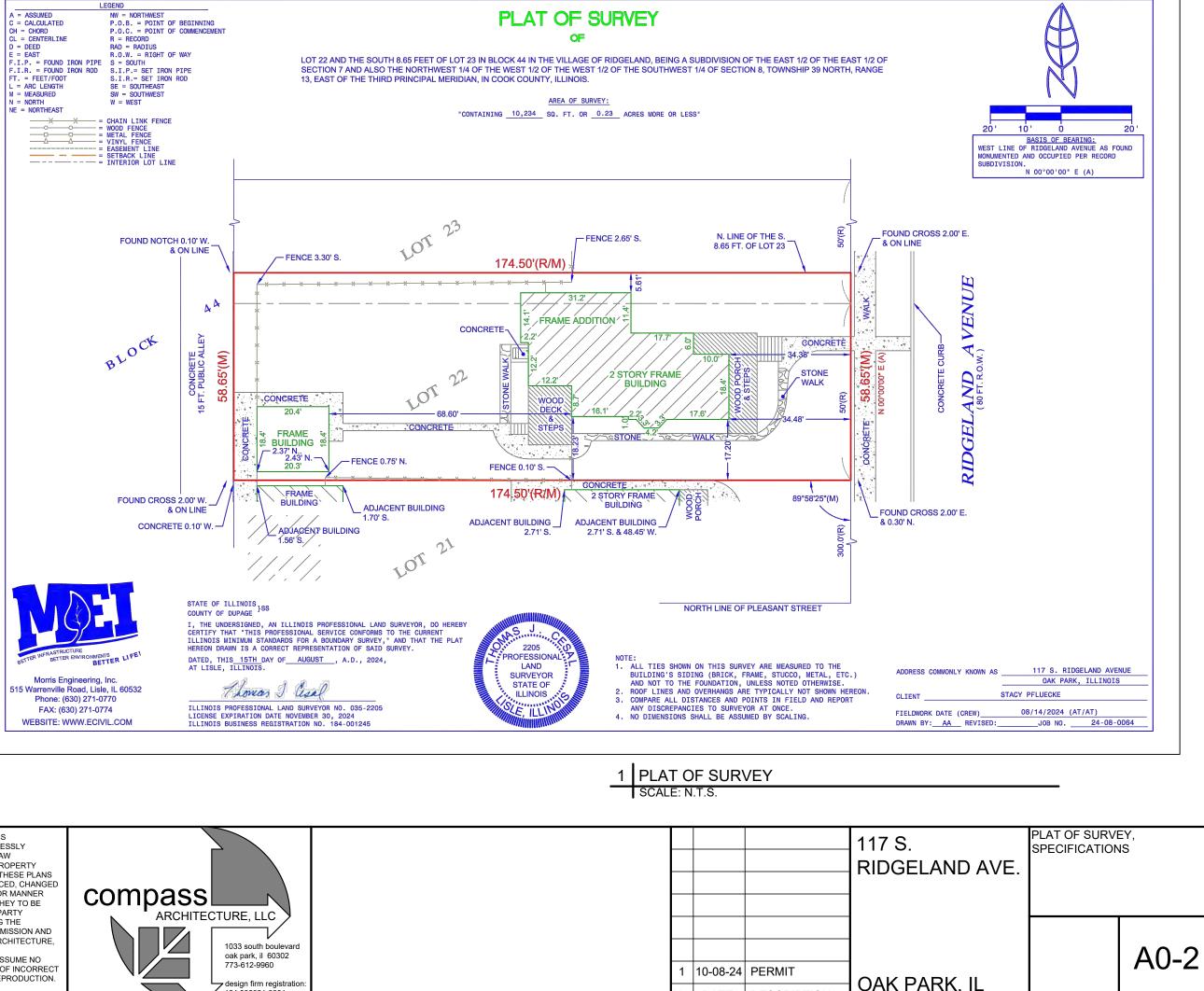
31. Keep an adequate workforce (as determined by Owner) on hand as required to handle the workload. Do not do work when rain or low temperatures might interfere with or harm the

30. Areas to receive concrete shall be free of debris or organic matter and wetted if dry.

32. Ready-mix concrete to conform to ACI 301 and 304. Allow no unauthorized watering or

overwatering. Do not allow extended time to pass between addition of water and placement (as per in CSI 304). Concrete mix must be rejected if there are signs of mix segregation.







and edges

3. Provide formwork framing, ties, anchors, braces, spacers, etc. as required to prevent any dislocation in formwork. Form spacers and ties shall be removable so as not to leave metal

chemicals or contaminants that might injure the concrete.

10. All mixing and tests to assure compliance with standards as per ACI 301. Provide See additional notes on sheet A1-1

33. Job-mixed concrete to conform to ACI and ASTM. Keep cement in dry storage. Protect 21. Install reinforcing bars and secure them so they will provide support in excess of that needed to resist displacement during placement of concrete. Install all reinforcing so it is all materials from contamination. Keep mix water clean and free of salts or other harmful never closer than 2" to sides or bottom of formwork. Provide rebar spacing adequate to allow chemicals equipment, movement and load stress. concrete flow and complete penetration and coverage. Do not allow reinforcing to be in 34. Follow a continuous concrete delivery schedule to allow uninterrupted placement. Avoid any unplanned cold joints. Do not allow mix trucks to stay beyond allowable waiting period 22. Install related materials such as stirrups at least 2" from side forms to prevent steel before pouring concrete. Typical waiting limits are: Less than an hour on hot days. Less than exposure at surface. Where final surfaces will be exposed, use chairs and other formwork half an hour after water has been added Keep joint lines uniform and free of damage 35. Avoid segregation of mix during pour. Provide grout at points of rebar interference. Do 23. Coordinate foundation layout, trenching, and formwork with locations of root drainage, not place concrete after initial set. If necessary to change source of material, stop work until substituted materials can be approved. 24. Excavate footing trenches and prepare for pour with trenches level, without soft spots, 36. Compaction or vibration shall not to disturb formwork or strike reinforcing bars or other with firm, even and plumb side walls. Excavate all footing trenches below frost line. components. Only trained and gualified vibrator handlers shall do work. 25. Clean trenches clear of debris, loose dirt, and any other extraneous materials. All footings 37. Keep formwork in place after pouring until concrete reaches required strength. Adjust and shall bear on firm undisturbed soil or approved compacted fill, either of which shall have a retighten any forms as necessary to fasten securely against concrete surfaces. Keep all formwork bracing, shores, and supports in place after pouring until ample time has passed for concrete to reach required strength. Keep added loads on newly poured concrete well within 26. Coordinate installation of related work before concrete pour, and protect from damage all safety limits work such as base plates, utility boxes, drains, conduit, pipes and plumbing. Put required 38. Remove formwork as per ACI 301 and 318. Remove wood formwork below grade, as well as above grade. Concrete must reach sufficient strength to carry its own load, and imposed 50. Protect fresh slab work from foot of traffic damage. live and dead loads. Do not remove bracing, shoring, or formwork until concrete has reached ample strength. Repairs shall be as directed by the Owner. 39. Protect newly poured concrete surfaces from damage during and after stripping of forms. Promptly remove form tie clamps before corrosion can begin. Remove loose nails and other metals that might leave rust. Grout any depressions in concrete smooth and level. MISCELLANEOUS METAL FABRICATIONS 40. After form removal, promptly repair honeycombs and all other surface defects on concrete surfaces that will remain visible, as directed by the Owner.

41. Clean work surfaces, remove formwork, completely remove debris and excess materials from the iob site.

42. Provide curing and finishing of concrete as per ACI 305-Hot Weather Concreting. ACI 306-Cold Weather Concreting, ACI 308-Standard Practice for Curing Concrete.

43. Provide for curing of concrete as per ACI 308 for a minimum of seven days. Start curing procedures promptly after pour, to protect concrete from premature drying. Control curing methods, covers, and wetting, with special attention to weather conditions

44. During curing, protect concrete from heat or cold, to maintain temperature between 50 and 70 F. degrees. Protect concrete from inclement weather, running water, construction

45. Match up finish work to adjacent or nearby surfaces at all joints, edges and corners. Sawcut control joints as soon as surface will not be abraded or dislodge aggregate by cutting (usually within 12 hours). Coordinate sawn joints, to keep all joints straight and continuous

46. Floating, troweling, and special finishes shall be as noted on the Drawings. Do not begin floating until bled water is gone and avoid over-troweling. Do not dust cement to expedite troweling start time. Remove any marks left by finishing tools.

47. Complete finishes as shown on the Drawings including troweled finish for walking surfaces or those receiving floor covering or membrane. Broom finish shall be light, medium, or coarse, at the direction of the Owner. Scratched finish for surfaces to receive cementitious material. Non-slip finish for steps, landings, platforms, and ramps.

48. After first floating, check plane of surface with 10' steel straightedge. Finish work, measured with a 10' straightedge, must not exceed 1/8" in 10' in any direction.

49. Provide ongoing wetting for curing as required by weather conditions.

51. Repair or replace work not in compliance with the Drawings or these Specifications.

1. Fasteners: Provide bolts, nuts, lag bolts, machine screws, wood screws toggle bolts, masonry anchorage devices, lock washers as required for application indicated and complying with applicable standards. Hot-dip galvanized fasteners for exterior applications to comply with ASTM A 153.

2. Shop primer for Ferrous Metal: Manufacturer's or fabricator's standard, fast-curing, lead free, universal modified alkyd primer; resistant to normal atmospheric corrosion, compatible with finish paint systems indicated, capable of providing a sound foundation for field-applied topcoats despite prolonged exposure; complying with performance requirements of FS TT-P-645

3. Paint shall be Rustoleum or equal, color by Owner

06 - WOOD

1. Provide and install wood framing and carpentry as shown on the Drawings and as specified herein. Work includes all connectors, and related hardware and materials

2. Where additional instructions are required, work shall be as directed by the Owner.

3. Provide a work force that is sufficient in number for the quantity of work and time schedule. Workers shall be skilled, trained, experienced, and competent to do the work as specified.

4. All work shall be as per local jurisdiction's codes, listed on A0-0, and the Manual for Wood Frame Construction developed by the American Wood Council. Plywood Specifications and Grade guide of the American Plywood Association

5. Tolerances: Vertical framing shall be plumb within 1/4" per 10 linear feet and horizontal framing shall be level within 1/4" per 10 linear feet.

6. Moisture content of framing lumber shall be 19% or less by weight. Tests will be conducted on all newly shipped lumber to confirm moisture content. Kiln-dried or other lumber requiring lower moisture content shall be as specified.

7. Follow applicable lumber grading agency standards in accepting or rejecting delivered lumber. Reject special, required lumber that is not marked and certified as preservative-treated or kiln-dried.

8. Reject any delivered framing lumber that is not grade-stamped and certified by a bona fide grading agency. Identify framing lumber by grade, and store each grade separately

9. Do not accept or use lumber that deviates from grade standards or has excessive moisture content or other defects. Remove unstamped or defective lumber from the job site.

10. Handle lumber to avoid damage during transport, unloading, and moving on the job site. Handle chemically treated lumber and panels strictly according to manufacturer's instructions.

11. Store framing lumber and wood panels per manufacturer's instructions, to prevent damage and moisture absorption. Store metal connectors that are subject to damage in weathertight wrapping and in safe locations away from traffic or other sources of damage Store chemically treated lumber and wood panels outdoors until installation. Keep chemically treated lumber and wood panels well ventilated if moved indoors.

MATERIALS

1. Fasteners, connectors, and supports: Use hot-dip galvanized steel for exterior,

2. Nails shall be common wire or spike nails as shown on nailing schedule. Follow all nail size requirements and nail spacing required by the governing building code listed on A0-0.

NAILING SCHEDULE

high-humidity, and treated wood locations.

Nailing of framing members shall be as follows: Description of Building Materials Joist to sill or girder toe nail 3-8d Sub-floor to joist face nail 2-8d Solid plate to joist or blocking Face nail 16d 16" OC Top or sole plate to stud. End nail 2-16d Stud to sole plate, toe nail 3-8d or 2-16d Double studs, face nail 16d 24" OC Double top plate, face nail 16d 24" OC Top plates, laps, and intersections, face nail 2-16d Continued header, two pieces 16d 16" along ea. Edge Ceiling joist to plate, toe nail 3-8d Continuous header to stud, toe nail 4-8d Ceiling joist, laps over partitions, face nail 3-16d Ceiling joist to parallel rafters, face nail 3-16d Rafter to plate toe nail 2-16d 1" brace to each stud and plate, face nail 2-8d/ 2 staples, 1 3/4" Built up corner studs 16d 24" OC Built up corner and beams 16d 12" OC at top and bottom, staggered 2-20d at ends and at each splice. Roof rafters to ridge, valley or hip Rafters Toe nail 4-16d Face nail 3-16d Note: a. All nails are smooth common box or deformed shanks except where noted otherwise b. Nails as a general description and may be T head, modified round head or round head.

c. Staples are 16 GA wire and have a minimum 7/16 crown width d. For additional information and alternatives refer to local building code listed on A0-0.

3. Power-driven nailing: Comply with standards of the International Staple, Nail and Tool

4. Machine bolts shall comply with ASTM A307. Lag bolts to comply with Federal Spec FF-N-1. Drill holes 1/16" larger than bolt diameters. Use washers under all nuts and bolt heads

5. All hangers, connectors, and crossbridging shall be: Teco, Simpson, or equal, or as specified by Truss Manufacturer.

6. Lumber: S4S, S-Dry unless otherwise indicated, grade marked complying with the following: STUDS (2 to 4 inches thick or wide, 10 feet in length or shorter) GRADE: "Stud," 2 x 4/6/8 shall be Western Spruce - Pine Fir No 2 with an extreme fiber stress in bending (Fb) of 850 PSI. Modulus of elasticity of 1,300,000 PSI and Compression parallel to grain (Fc) of 1250 PSI. NON-STRUCTURAL LIGHT FRAMING SPECIES AND GRADE: Standard or better. No Utility grade. SILL BOARDS: Pressure treated sill grade. STRUCTURAL LIGHT FRAMING: No. 2 or better. Lumber for miscellaneous applications shall be Standard grade unless noted otherwise

7. Sheathing: PLYWOOD SHEATHING: Use APA rated, PS-1 or APA PRP-108, Exterior Grade. ROOF SHEATHING: APA rated plywood, Exterior Grade.

ROUGH FRAMING

1. Examine and verify that job conditions are satisfactory for speedy and acceptable work. 2. Maintain and refer to the latest trade standards. Coordinate and complete rough plum

3. Identify actual dimensions of all required rough openings in framing.

4. Provide lifts or cranes to assist high-level framing. Verify that materials are stored so as to

before starting framing. Cross-coordinate electrical requirements with framing pla

5. Install all framing members as per framing plan, manufacturer's instructions, details, and building code requirements; see A0-0 for applicable codes.

6. Stud Framing:

not overload or interfere with construction

a. Construct corners and intersections with not less than 3 studs. Install miscellaneous blocking and framing as shown and required for support of facing materials, fixtures, accessories, specialty items, and trim. b. Frame openings with multiple studs and headers. Install nailed header members of thickness equal to width of studs. Set headers on edge and support jamb studs.

7. All joints of wood wall plates shall occur over the center point of a wall stud. Double top plate joints shall be offset not less than 48". Where plates are cut for mechanical trades, they shall be tied together with 1 1/2" x 1 1/2" x 1/8" steel angles spiked to construction, or equal approved by codes listed on A0-0 and Owner.

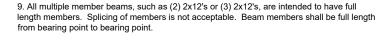
8. Notching and boring of floor joists, exterior walls, bearing walls, non-bearing walls, and other building elements shall be subjected to the limitations set forth by the governing codes listed on A0-0. Refer to details for additional information.

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10. Install joist hangers and bridging as per Drawings, manufacturer's instructions, and building code requirements. Applicable codes are listed on A0-0.

11. Coordinate electrical stub-ups with the framing plan

12. Supply and coordinate in-wall fixture, accessory, and equipment supports such as in-wall blocking, anchors, brackets, grounds, curbs, and other supports.

13. Provide joints and connectors and no-wood construction allow for shrinkage, expansion and other movement of the wood. Provide clearances between framing and other construction that may be subject to differential movement.

14. Check and verify correctness of each stage of framing before installing subsequent raming: Remove all unusable wood scraps from site. Call for building department inspection before closing up concealed work.

15. Where not shown on nailing schedule, nails shall penetrate not less than 1/2 the length of nail. Exception: 16d nails may connect two pieces of 2" thickness. Remove and replace split framing members.

16. Use nailing machines or power hammers according to manufacturer's requirement. Provide correct sizes and types of nails for use in nail guns.

17. Check and tighten all bolt connections after they are installed. Recheck and retighten all bolt connections before final construction is complet

FINISH CARPENTRY AND MILLWORK

1. Provide and install materials as per detail drawings, applicable trade standards, or approved samples. Provide wood free of significant defects or deviations from grade standards. Do not have finish materials delivered until after the building is closed in. 2. Handle and store wood with care to avoid damage. Store wood as required to prevent

- damage and moisture absorption.
- 3. Properly ventilate wood treated with preservatives: store away from work areas.

4. Store kiln-dry materials to assure compliance with temperature and humidity restrictions. 5. Remove all wood scraps, sawdust, and relate work debris from the site.

6. Coordinate with finish carpentry, furnishings, fixtures, and equipment to be installed by others. Protect finish work from damage by other trades. Prepare sub-surfaces to receive finish materials.

7. Keep working environment clean.

8. Make wood joints so as to minimize or conceal shrinkage

9. Perform all work per details and applicable trade standards: saw cuts straight and clean. tight fits without gapes, splices tight and staggered (never side by side). Align and exactly match miter joints at edges and corners. Install running trim in maximum length; do not use short pieces or splicing of scraps.

10. Keep number of joints to a minimum by consistently using maximum size material. Install tight joints without gaps. Thoroughly sand finish work smooth.

11. Fasten all pieces straight, true, and secure. Coordinate backing and blocking with other trades with interfacing work. Nail exterior trim with galvanized nails.

12. Where sanding is required, sand with grain to totally smooth, unblemished surface. Set finish nails before painting or staining.

13. Reject as nonconforming any work showing visible damage or defects. Protect finish work from construction damage. Make repairs so they are undetectab

14. Vacuum clean all work surfaces where sawdust accumulates. Remove scraps frequently. Completely vacuum clean the work are frequently and upon completion of final work.

15. Stair work within units shall be equipped with at least one continuous handrail meeting the follow requirements:

a. Project a minimum of 3 1/2" into stairway. b. 34" height measured from leading edge to tread

c. Grip size OD 1 1/4" minimum to 2" maximum d. Shall be able to withstand a concentrated load of 200 LBS applied at any point in any direction along the top railing and shall be able to withstand 50 LBS uniform load applied in any direction. Loads not applied simultaneously

07 - MOISTURE PROTECTION, AND ROOFING

GENERAL

1. Provide all materials required to complete the work as shown on drawings and specified herein. Deliver, store, and transport materials to avoid damage to the products or to any other work and as per the General Conditions.

2. Have on hand and ready for installation in coordination with roofing, all accessories such as skylights, hatches, relief vents, expansion joints, etc.

3. Examine and verify that job conditions are satisfactory for speedy and acceptable work. ROOFING

1. Provide and install: Modified Bitumen granular surfaced roofing system - GAF or equal, install all roofing products per manufacturer and industry standards

2. Construct deck slopes so there will be no level areas or pockets that allow ponding.

3. Keep deck surface dry, clean , smooth, and free of irregularities.

4. Coordinate with related construction. Provide and install nailing and other fastenings for

5. Do roof nailing as per roofing materials manufacturer's instructions. Never allow felt laps to be less than the widths required by the manufacture

6. Provide sufficient quantities of bitumen for generous coverage of the felts and apply as per nanufacturer's instructions. Combine and lap felts with other materials such as edge strips and flashing.

7. Upon completion, clean the work area and remove work scrap and excess materials from the site. Allow convenient access for inspection of work and repair or replace detective work as directed by the Owner. Minor scratches and abrasions may be touched up. Damaged material that may affect the integrity of the roofing must be replaced. Leave drains and other openings clear and clean of debris

8. Provide walks or runways to protect roofing if there is to be continued construction work.

FLASHING AND SHEET METAL

1. Provide and install all flashing in compliance with SMACNA and other recognized industry practices. Shop fabricate work to greatest extent possible. Fabricate for waterproof and veather-resistant performance with expansion provisions for running work, sufficient to permanently prevent leakage, damage, or deterioration of the work. Form work to fit substrates. Comply with material manufacturer instructions and recommendations. Form exposed sheet metal work without oil-canning, buckling and tool marks, true to line and levels as indicated, with exposed edges folded back to form hems.

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otherwise in door and window details and specifications.

3. Unless noted otherwise on drawings, gauges and standards for flashing materials shall be: Aluminum: 20 gauge dry 3003 clear anodized aluminum, ASTM B209, PVC: 30 mil. Sheet.

4. Provide flashing connections and fabrications as detailed. Use non-corrosive fastenings. Keep dissimilar metals well separated to avoid corrosion. Lap and lock seams: soldier seam joints where necessary to guarantee watertightness. Install flashing inserts in walls deeply as details, secured and caulked.

5. For roof flashing, integrate and embed edge flashing within roofing membrane as detailed. Apply additional piles of felt as detailed and as per manufacturer's instructions. Provide and install flashing with widths and laps as detailed. Caulk and paint exposed flashing. Cover all edges of metal laps with adhesive. Caulk all reglets.

6. Provide and install flashing, cement, and caulking for all roof accessories

replace defective work as directed by the Owner.

GUTTERS AND DOWNSPOUTS

1. Install gutters and downspouts to provide ample support and proper drainage. Provide at least one expansion/contraction joint midway between each gutter downspout. Provide movement slip joints on downspouts. Protect building surfaces from damage from hanger and strap connectors. Provide screens, strainers, and covers, to prevent debris fron accumulating in drains. Keep downspout and gutters separated from wall surfaces to avoid

 $\ensuremath{\mathbf{2}}$. All work conditions shall be as per manufacturer's instructions and governing building and safety codes listed on A0-0.

3. Clean the work area and remove all scrap and excess materials from the site. Leave drains clean, and free of debris. Repair or replace defective work as 4. Provide for maintenance of this work for one year following final acceptance by Owner.

Maintenance includes all work required in manufacturer's instructions including inspection adjustment, and repair and replacement of parts as required.

staining and corrosion

SEALANTS

1. Provide sealants and related materials as manufactured by: Tremco or equal. Deliver compounds in sealed. labeled containters

from movement joints prior to application of backing and sealant.

3. Apply materials strictly as instructed by the sealant manufacturer

4. Use only a primer approved by the sealant manufacturer. Apply as instructed by the prime manufacturer.

instructed by the primer manufacture

discolor or stain finish surfaces. Tool joints to a smooth consistent profile

08 - DOORS AND WINDOWS DOORS

specified hereir

glazing with stops as required.

fire code requirements

by: Ceco or equa

weatherstripping, etc.

immediately after installing them

compass

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2. Door and frame types and sizes shall be as per the Drawings and Door Schedule.

3. Provide experienced, well-trained workers competent to complete the work as specified.

4. Unless approved by the Owner, provide all related products and accessories from one manufacturer.

2. Flashing and sheet metal includes but is not limited to: Cap flashing, stepped flashing, through-wall flashing, edge flashing, hip flashing, ridge flashing, valley flashing, crickets, gutters, scuppers, and downspout. Includes flashing at doors and windows unless noted

7. Clean the work area and remove all scrap and excess materials from site. Repair or

2. Construct vertical and horizontal joints at locations and sizes shown in the Drawings. Clear and prepare work surfaces strictly as instructed by the sealant manufacturer. Clean debris

5. Use only a bond breaker approved or manufactured by the sealant manufacturer. Apply as

6. Apply strictly as per instructions of the manufacturer. Apply sealant under pressure as required to completely fill the joints. Carefully mask around joints where sealant might

7. Remove masking immediately after joints are tooled. Clean adjacent surfaces as instructed by the sealant manufacturer. Remove all debris and empty containers from the job site.

1. Provide and install metal and wood doors and frames where shown on the Drawings and as

Comply with standards of the Architectural Woodwork Institute for the grades specified. Verify that factory preparation and prefitting follow required hardware templates. Hollow-core doors must have core construction as required to receive finish hardware. Provide door

6. Provide all materials required to complete the work as shown on Drawings and specified herein. Deliver and transport materials to avoid damage to the product or to any other work. Return any products or materials delivered in a damaged or unsatisfactory con Materials and products delivered will be certified by the manufacturer to be as specified.

7. Store materials safely to avoid damage and locate to expedite the work. Store delivered doors consistently vertical or flat. Provide sheet materials at bottom and top sides, to protect doors from damage. Lift and carry doors when moving them; do not drag into position.

8. Provide full flush doors and frames of sizes, thickness, and types shown in Drawings and Door Schedule, 26 gauge steel for exterior doors. Welded frames with mitered corners, 14 gauge steel for exterior doors. Reinforced for finish hardware.

9. Provide doors that are straight, free of defects and blemishes, and have correct finish material thickness. Doors will be complete with reinforcing and backing plates.

10. Verify that factory preparation and prefitting follow required hardware templates. 11. Provide door glazing with stops as required.

12. Provide fire-rated doors and fire-rated assemblies that comply with all building code and

13. Louvers as shown on Door Schedule. 24 gauge steel in 20 gauge frames

14. Provide cleaned, shop-primed doors and frames ready for finish painting as manufactured

15. Manufacturer shall prepare frames for finish hardware using hardware supplier's templates. Use hardware supplier's templates to install or prepare for all finish hardware.

16. Examine and verify that job conditions are satisfactory for speedy and acceptable work.

17. Do not allow door swings to conflict with electrical switches or outlets, wall guards or rails.

18. Mount frames prior to wall construction wherever practical to do so. Mount frames plumb. straight, and securely braced until permanently anchored

19. Hang doors straight, plumb, smooth in opening and closing.

20. Provide clearances below doors as necessary to allow for thresholds, carpeting

21. Do not cut fire-rated doors so as to negate fire rating.

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22. Seal or re-seal doors whenever they are cut. Seal, stain, or paint exterior doors before or

23. After installation, inspect all doors and frames to find and repair damaged surfaces. Repair or replace any damaged materials so that repairs are undetectable. Any costs for replacing doors for non-compliance will be paid by the Contractor.

24. Final door mounts shall be square, smooth operating, and plumb when doors are closed, partially open and fully open.

25. Deliver after interior finish materials are dry and after building reaches average long-term interior humidity. Packaging must be sealed with clear manufacturer and identification markings. Seal all edges of unfinished doors.

WINDOWS

1. Provide windows complete with glazing and screens as per Drawings and Window Schedule

2. Windows shall be as manufactured per window schedule

3. Window dimensions and alignments shall be as per Drawings and Window Schedule

4. Install windows according to manufacturer's instructions. Install windows that are weathertight and allow no air infiltration. Install ventilator hardware to operate easily and without sticking. Install operable windows that open and close smoothly, without rattling or sticking.

5. Tolerances: Construct openings of six feet or less within plus or minus 1/16 inch tolerance in each direction. Construct openings with diagonal dimensions within 1/8 inch of each other

6. After installation, inspect all windows and frames to find and repair damage. Repair or replace any damaged materials as directed by the Owner. Any costs for replacing windows for non-compliance will be paid by the Contractor.

7. Provide at least one egress window in all bedrooms with a clear opening of at least 5.7 square feet with a minimum net clear opening of 24 inches in height and 20 inches in width. Maximum sill height shall be 44 inches above floor.

8. After installation, protect all materials from physical and chemical damage. Make undetectable repairs to damaged materials or finishes

9. Tempered glazing shall be provided in individual panes greater than 9 square feet with an exposed bottom edge less than 18 inches above the finished floor, in storm doors, in shower and bath enclosures, in ingress and means of egress doors, in sidelights, in transoms, in skylights, and as required by code. See Storefront Schedule.

HARDWARE

1. Provide and install hardware as per plan.

2. Hardware shall be as manufactured by: Schlage or Equal

3. Provide hardware groups in quantities as shown on the Drawings

4. Provide complete locks and key system as shown and specified herein.

Provide factory key and masterkey locks and cylinders.

6. Provide construction masterkey system. Upon Substantial Completion, change all construction locks and install finish keying. Factory stamp keys: DO NOT DUPLICATE. Tag permanent keys, and provide certified delivery to the Owner. Provide a complete set of tools and maintenance manuals for all locks and operable hardware

7. Temporarily remove or cover exposed hardware when painting or cleaning adjacent

8. Attach all hardware securely with fasteners made specifically for that hardware, without damage to hardware or fasteners.

9. Match hardware type, size, and finish, all sets of fastenings, such as screws on high buffs. Match all required screws to all screw-attached hardware, such as hinges

10. Set all flush-set hardware such as hinge butts so they are truly flush without any protrusio

11. Install doors to open and close easily, without binding, quietly, with secure fit at latches and tight fit of frames

12. Install door frames, hinges, push-, pull-, and kickplates and stops as per manufacturer's instructions

13. Install bifold door hardware as per manufacturer's specifications. Install bifold door tracks level and secure into supportive framing. Adjust bifold door wheels for smooth level glide, easy opening, and secure closure.

14. Install weatherstripping as per manufacturer's instructions to create a secure seal against air infiltration. Provide and install acoustic strips to create a secure sound seal.

15. Keep hardware clean. After installation, protect finishes from physical and chemical damage. Clean and protect all hardware as recommended by manufacturers. Replace or make undetectable repairs to damaged materials or finishes.

PAINTING

1. Following selection of colors by the Owner, submit samples for the Owner's review. Provide samples of each color and gloss for each material. Samples shall be on the material the finish is specified to be applied. Samples shall be approximately 8" x 10" in size. Do not start finish painting until samples are approved and available at job site.

Strictly follow paint manufacturer's requirements as to temperature, humidity, and condition of work surfaces. Provide all materials and tools required for the work.

Provide all materials and tools required for the work.

4. Maintain a proper work environment, dry, clean, well ventilated, free of airborne construction dust, well-lighted, in temperature and humidity ranges required by paint nanufacturer. Keep humidity low enough to prevent moisture condensation on work surfaces. Never apply paint to damp or went surfaces.

5. Prepare and clean working surfaces as per paint manufacturer's instructions. Remove or protect items attached to work surfaces, which are not to be painted. After painting in each area, reinstall removed items using workers competent in the related trades. Fully protect adjacent or related work that might be marred by painting. Remove oil and grease with clean cloths. Cleaning must not contaminate adjacent freshly painted surfaces. Cleaning solvent must meet safety standards of governing building and safety codes listed on A0-0.

6. Clean wood of dirt, oil, and any other material that may interfere with painting. Sand exposed wood to smooth uniform surface. Do not paint wood having moisture content of 12% or higher. Measure moisture content of wood with an approved moisture meter.

7. Clean metal of dirt, oil, and any other material that might interfere with painting. Clean and etch galvanized metal with phosphoric acid as required for painting

8. Touch up and repair any damaged shop-applied prime coats. Touch up bare areas prior to start of finish coat application. Finish coat materials must be compatible with prime coats. Do not allow paint gaps or overlaps at edges of hardware, fixtures, or trim.

9. Mix and apply materials strictly as per manufacturer's instructions. Apply paint to thoroughly cover undercoat, and do not allow show-through, lap or brush marks or any other defects. Vary the hue of succeeding coats slightly to clearly show coats are applied as required. Sand defects smooth between coats. Defects are defined as irregularities visible to the unaided eye at a five-foot distance.

10. Keep approved samples on hand for comparison with work.

11. Allow drying time between coats as instructed by the paint manufacturer. Work and smooth out brush coats onto surface in an even film. Where spraying, apply each coat to provide the hiding equivalent of brush coats. Do not double back with spray equipment to ouild up film thickness of two coats in one pass. Match applied work with approved samples as to texture, color, and coverage.

12. Wash metal to be painted with solvent recommended by paint manufacturer. Add prime coat followed by two coats of alkyd enamel.

13. Hardware: paint prime-coated hardware to match adjacent surfaces. Allow no paint to come in contact with hardware that is not to be painted.

14 Damp spaces. In bathrooms and other damp rooms add approved fungicide to paints.

15. Maintain thorough dust and dirt control throughout the painting process. Thoroughly protect all surfaces that won't be painted with clean. undamaged drop cloths and masking tape. Immediately clean any spilled materials and do not allow dirt or spilled materials to be tracked in a work area or to other work areas. Allow absolutely no paint smears or splatters to remain on adjacent surfaces.

16. Upon completion of painting work, deliver to the Owner an extra stock of 10% or more of each color, type, and gloss of paint used in the work. Tightly seal and clearly label each container with notes on contents and location used

17. Remove, refinish, or repaint work not in compliance with specified requirement. Replace or repair all non-conforming work as directed by the Owner. Do repairs and touch-ups so they are undetectable.

			117 S. RIDGELAND AVE.	SPECIFICATION	IS	
1	10-08-24	PERMIT			A0-3	
No.	DATE	DESCRIPTION	OAK PARK, IL			

TABLE R602.3(3) REQUIREMENTS FOR WOOD STRUCTURAL PANEL WALL SHEATHING USED TO RESIST WIND PRESSURES^{a, b, c}

MINIMUM NAIL		MINIMUM WOOD	MINIMUM NOMINAL	MAXIMUM WALL	PANEL NAI	ULTIMATE DESIGN WIND SPEED V _{ult} (mph)			
Size	Penetration (inches)	STRUCTURAL PANEL SPAN RATING	PANEL THICKNESS (inches)	STUD SPACING (inches)	Edges (inches	Field (inches		nd expos category	
	(moneo)				o.c.)	o.c.)	в	с	D
6d Common (2.0" × 0.113")	1.5	24/0	³ /8	16	6	12	140	115	110
Bd Common		-	7,	16	6	12	170	140	138
(2.5" × 0.131")	1.75	24/16	7/16	24	6	12	140	115	110

For SI: 1 inch = 25.4 mm, 1 mile per hour = 0.447 m/s.

a. Panel strength axis parallel or perpendicular to supports. Three-ply plywood sheathing with studs spaced more than 16 inches on center shall be applied with panel strength axis perpendicular to supports.

b. Table is based on wind pressures acting toward and away from building surfaces in accordance with Section R301.2. Lateral bracing requirements shall be in accordance with Section R602.10.

c. Wood structural panels with span ratings of Wall-16 or Wall-24 shall be permitted as an alternate to panels with a 24/0 span rating. Plywood siding rated 16 o.c. or 24 o.c. shall be permitted as an alternate to panels with a 24/16 span rating. Wall-16 and Plywood siding 16 o.c. shall be used with studs spaced not more than 16 inches on center. 6

> SEISMIC DESIGN CATEGORY: A ULTIMATE DESIGN WIND SPEED: 115

TA

Where supporting a roof or one story and a roof, a Method PFG braced wall panel constructed in accordance with Figure R602.10.6.3 shall be permitted on either side of garage door openings.

FIGURE R602.10.6.3 METHOD PFG—PORTAL FRAME AT GARAGE DOOR OPENINGS IN SEISMIC DESIGN CATEGORIES A, B AND C



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OWNER AND ARCHITECT ASSUME NO RESPONSIBILITY FOR USE OF INCORRECT SCALE AS A RESULT OF REPRODUCTION.

	1.1	MINIMU	M LENG	rH ^a (inch	es)	
METHOD (See Table R602.10.4)			Wall Hei	CONTRIBUTING LENGTH (inches)		
METHOD (See Table Rooz. 10.4)	8	9	10	11	12	CONTRIBUTING LENGTH (Inclus)
	feet	feet	feet	feet	feet	
550		07	~~	Note	N	
PFG	24	27	30	d	Note d	1.5 × Actual ^b

R602.10.6.3 Method PFG: Portal frame at garage door openings in Seismic Design Categories A, B and C.

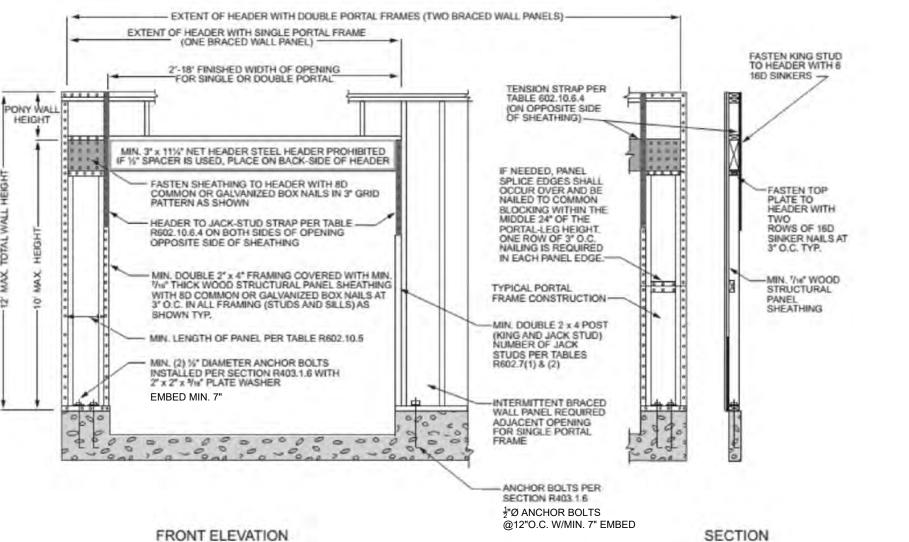
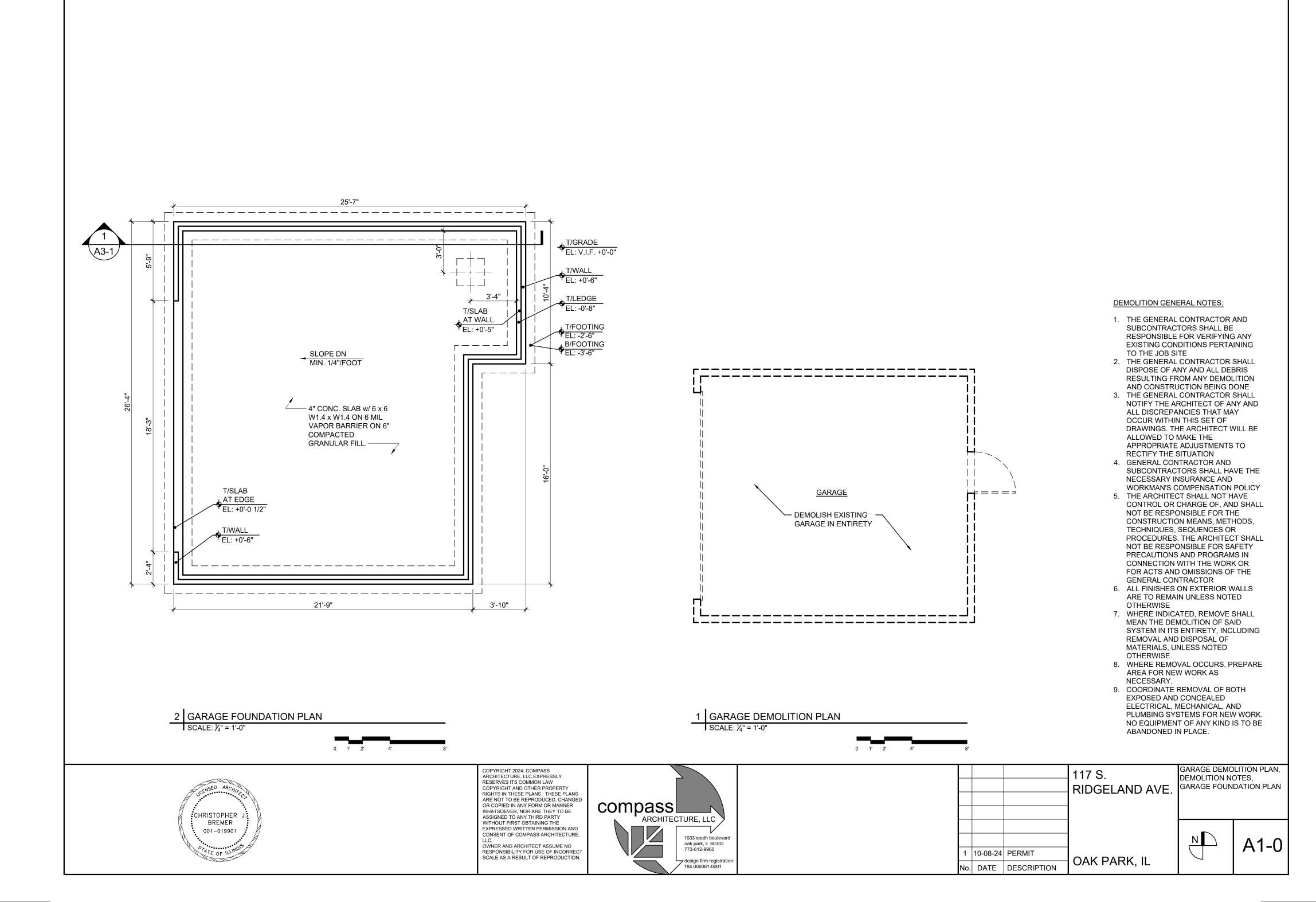


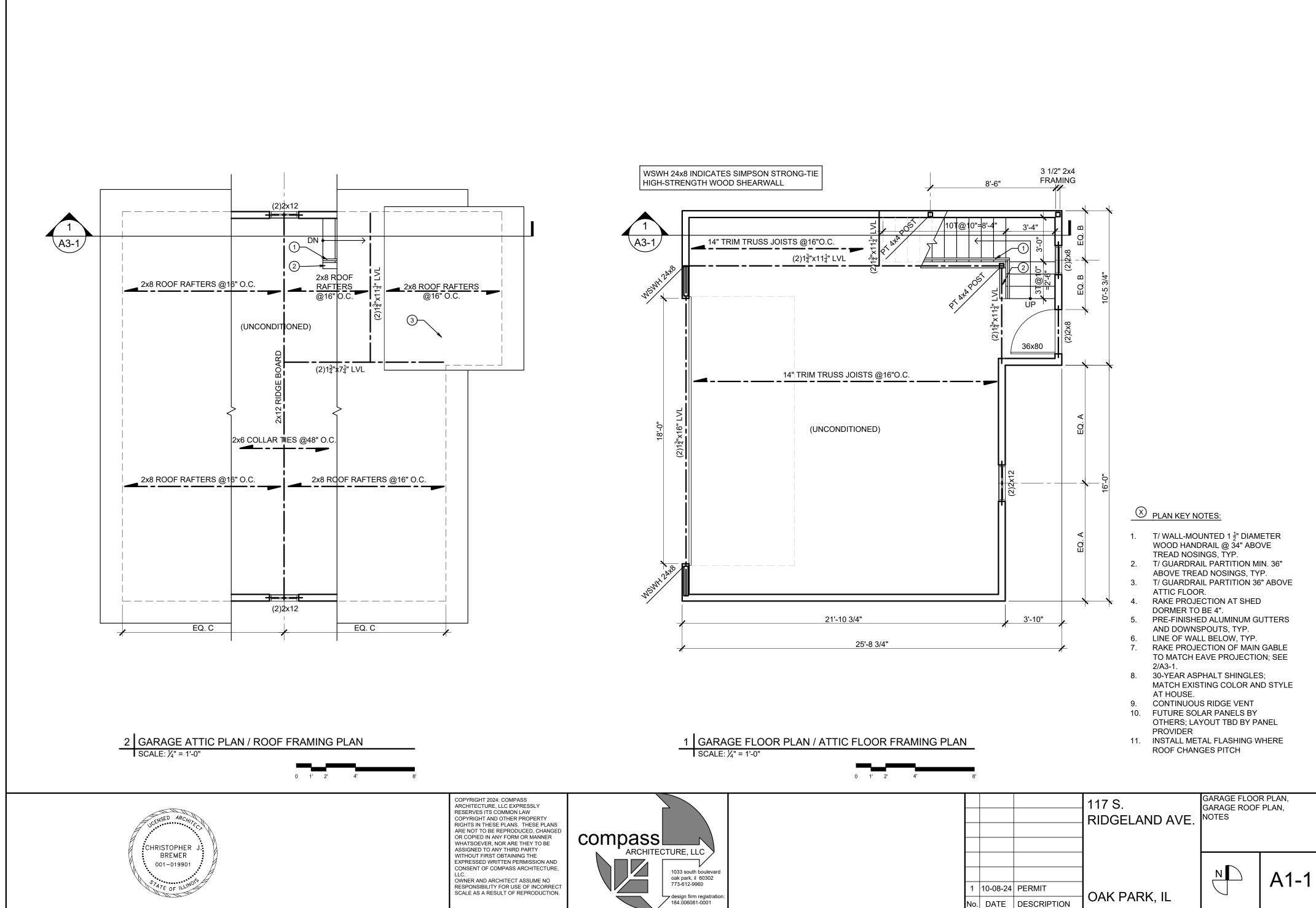
TABLE R602.10.6.4

TENSION STRAP CAPACITY FOR RESISTING WIND PRESSURES PERPENDICULAR TO METHODS PFH, PFG AND CS-PF BRACED WALL PANELS^a

MINIMUM WALL STUD FRAMING NOMINAL SIZE			MAXIMUM OPENING WIDTH (feet)	TENSION STRAP CAPACITY REQUIRED (pounds) ^a							
		MAXIMUM TOTAL		Ultimate Design Wind Speed Vult (mph)							
AND GRADE	WALL HEIGHT (feet)	WALL HEIGHT (feet)		≤ 110	115	130	≤ 110	115	130		
				Exposure B			Exposure C				
	0	10	18	1,000	1,000	1,000	1,000	1,000	1,050		
-			9	1,000	1,000	1,000	1,000	1,000	1,750		
	1	10	16	1,000	1,025	2,050	2,075	2,500	3,950		
			18	1,000	1,275	2,375	2,400	2,850	DR		
-			9	1,000	1,000	1,475	1,500	1,875	3,125		
2 × 4 No. 2 Grade	2	10	16	1,775	2,175	3,525	3,550	4,125	DR		

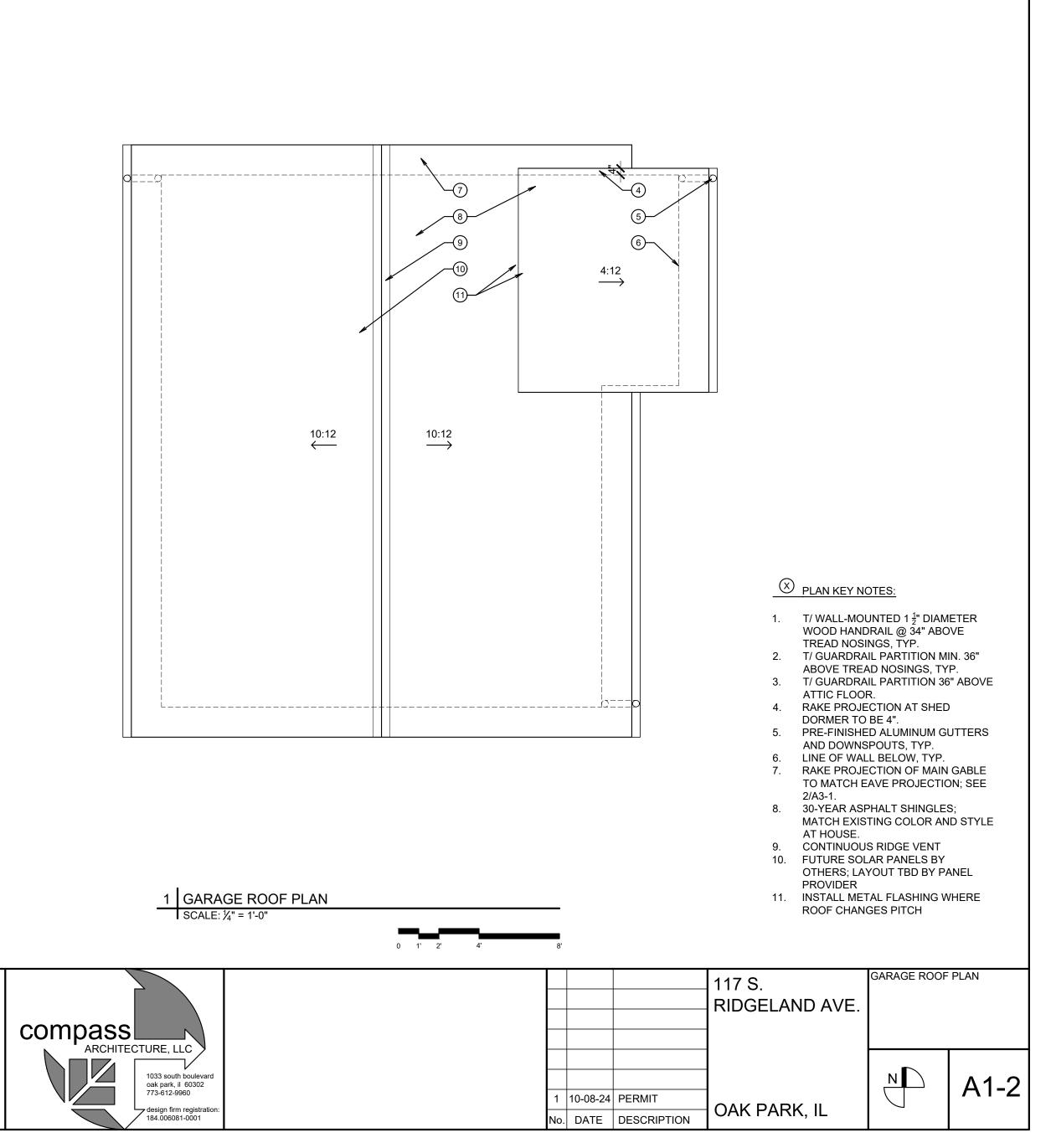
			117 S. RIDGELAND AVE.	LATERAL BRAC	ING DETAILS
1033 south boulevard oak park, il 60302 773-612-9960 design firm registration:	1 No.	PERMIT DESCRIPTION	OAK PARK, IL		A0-4



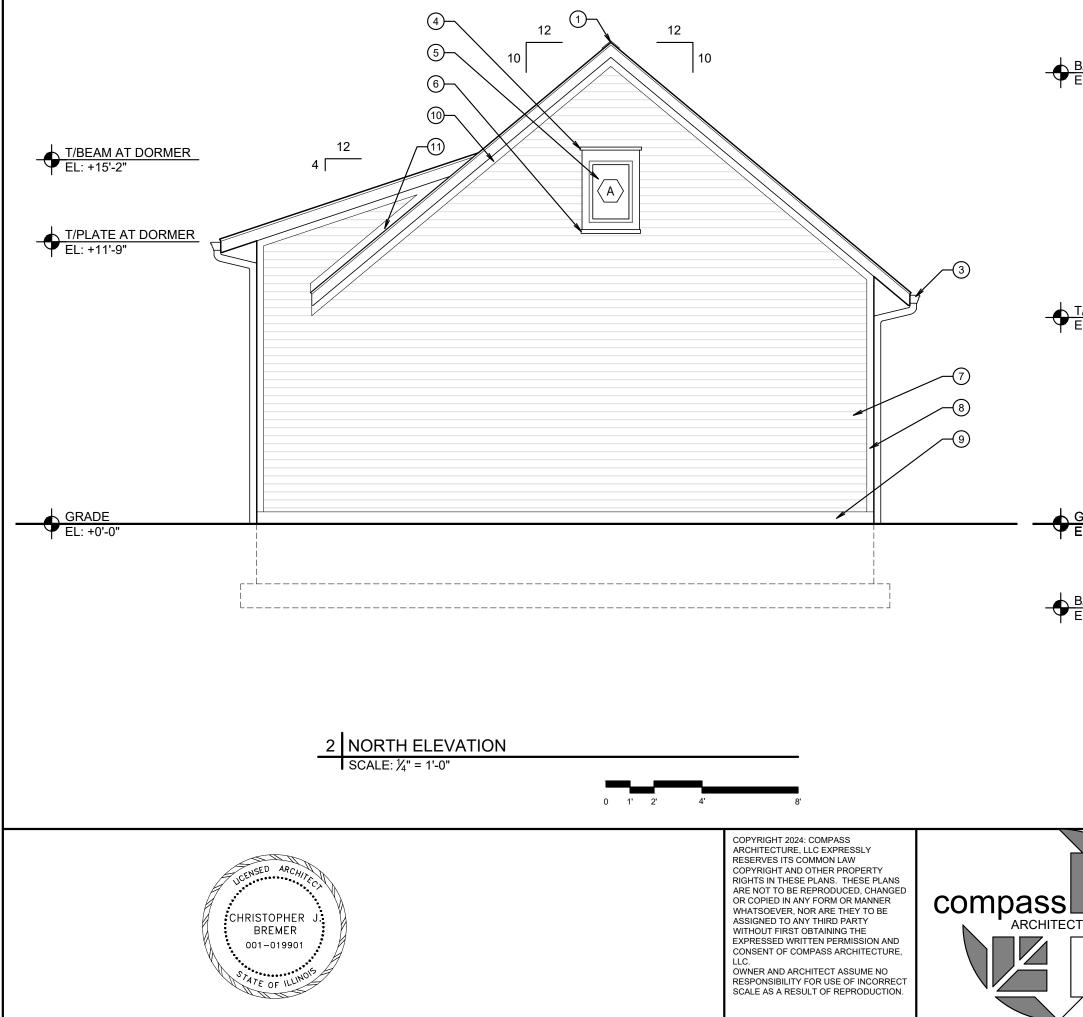


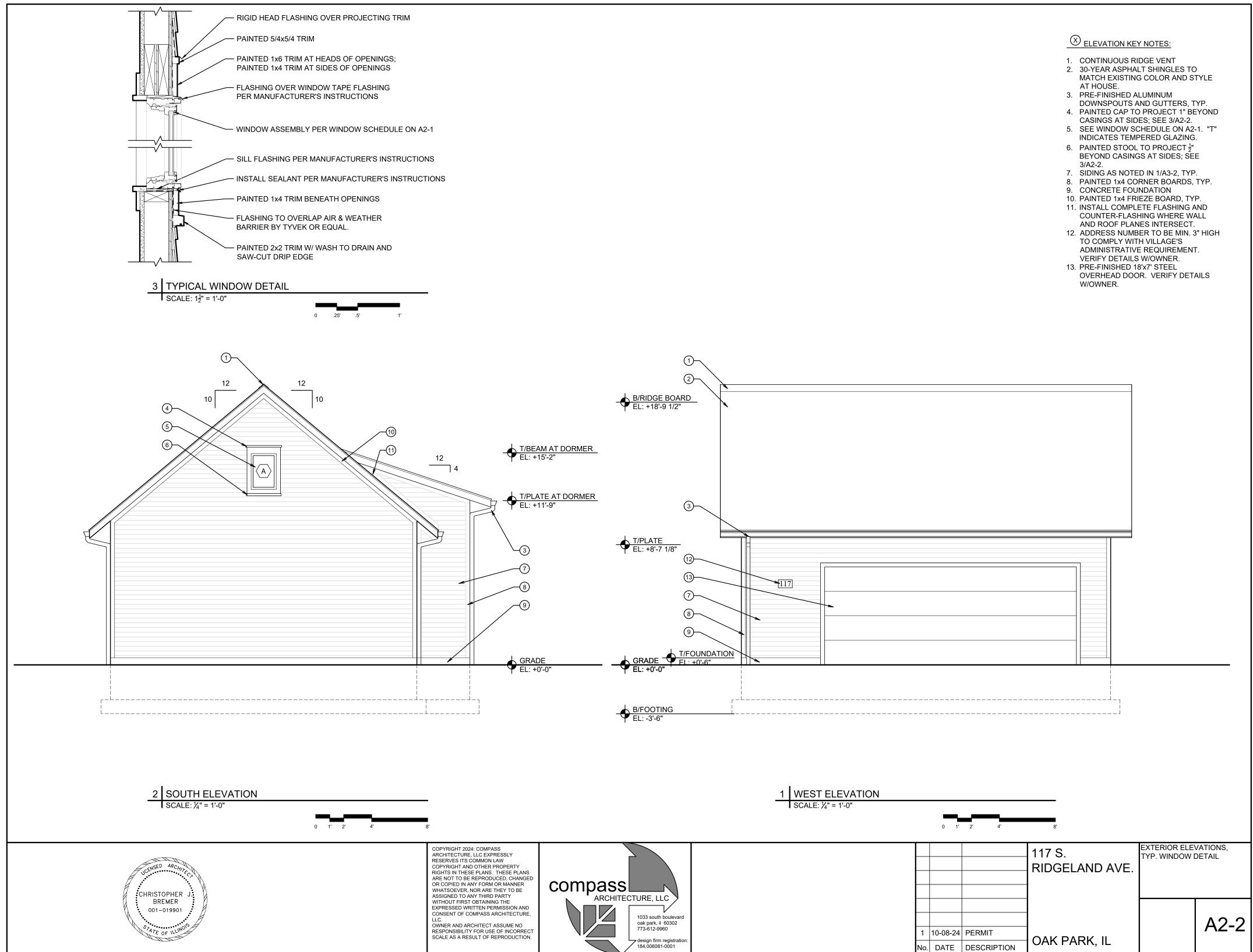


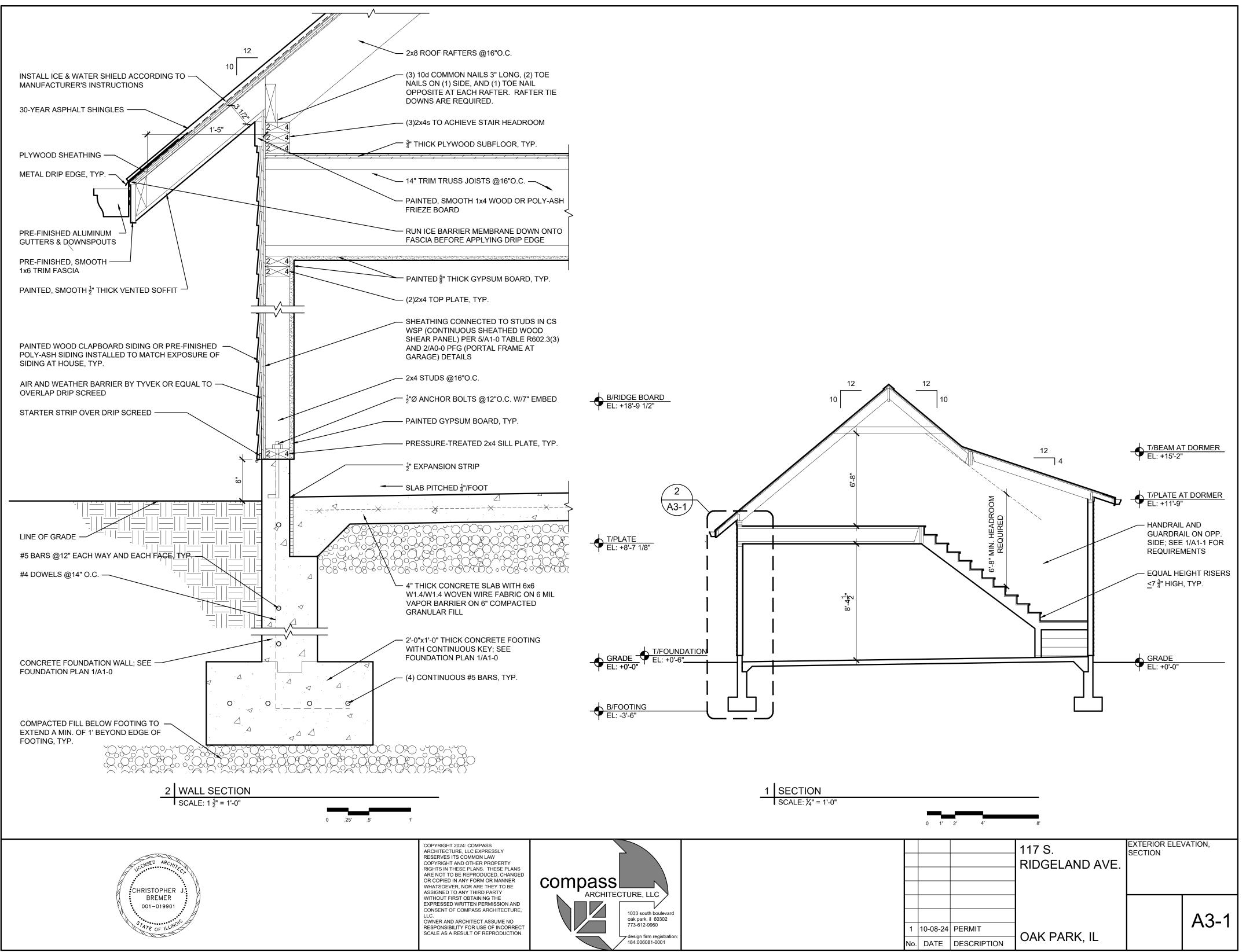
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	PASS ARCHITE dgeland Ave. Garage of Windows	CTURE						 CONTINUOUS RIDGE VENT 30-YEAR ASPHALT SHINGLES TO MATCH EXISTING COLOR AND STYLE
eenne							Octobe	AT HOUSE. 3. PRE-FINISHED ALUMINUM
ag	R.O. (width x height)	Туре	Model	Heat Loss	Light	Vent.	Remarks	DOWNSPOUTS AND GUTTERS, TYP. 4. PAINTED CAP TO PROJECT 1" BEYOND CASINGS AT SIDES; SEE 3/A2-2.
۹ 3	1'-11 3/4" x 2'-8 3/4" 2'-5 3/4" x 3'-5 3/4"	Fixed Casement Fixed Casement	2332 2941				Tempered glazing at stair	5. SEE WINDOW SCHEDULE ON A2-1. "T" INDICATES TEMPERED GLAZING.
	 All windows to be aluminun Glass to be clear (UNO), Li Contractor to provide jamb 	n-clad wood windows, Pella ow-E insulated with Argon g	Lifestyle Series or equa			or better.		 6. PAINTED STOOL TO PROJECT ¹/₂" BEYOND CASINGS AT SIDES; SEE 3/A2-2. 7. SIDING AS NOTED IN 1/A3-2, TYP. 8. PAINTED 1x4 CORNER BOARDS, TYP. 9. CONCRETE FOUNDATION 10. PAINTED 1x4 FRIEZE BOARD, TYP. 11. INSTALL COMPLETE FLASHING AND
								AND ROOF PLANES INTERSECT. 12. ADDRESS NUMBER TO BE MIN. 3' HIGH TO COMPLY WITH VILLAGE'S ADMINISTRATIVE REQUIREMENT. VERIFY DETAILS WOWNER. 13. PRE-FINISHED 18'X7' STEEL OVERHEAD DOOR. VERIFY DETAILS WOWNER.
	8'					EAST E SCALE: 1/4		' 2' 4' 8'
4'								117 S. EXTERIOR ELEVATIONS, WINDOW SCHEDULE







ELECTRICAL NOTES:

1. Provide and install a complete and operable electrical service, power and lighting products, lamps and lamp holders as shown on the Drawings and specified herein. Provide and install all required accessories for mounting and operation of each fixture.

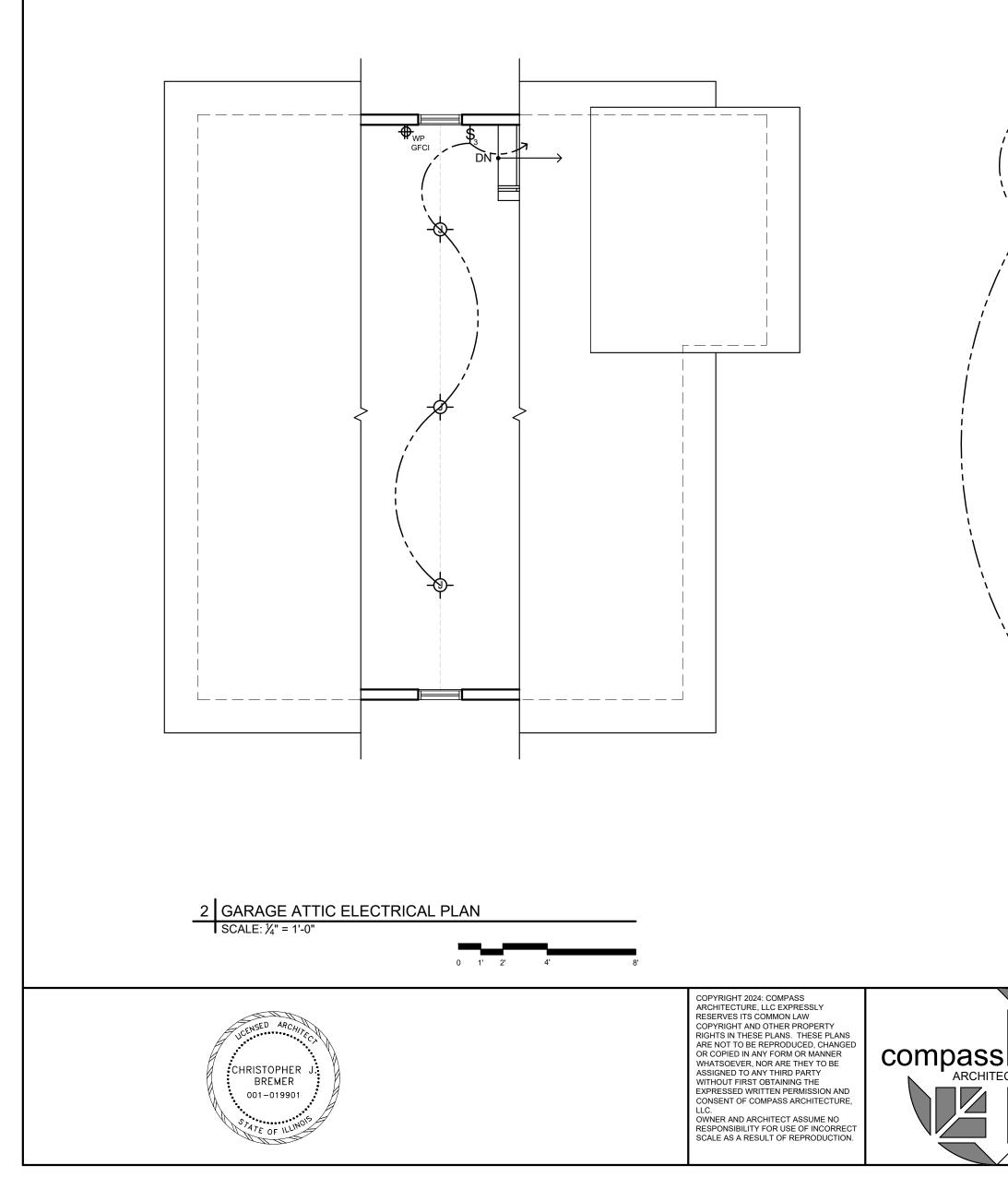
2. Provide experienced, well-trained workers competent to complete the work as specified. Unless approved by the Owner, provide all related products and accessories from one manufacturer.

3. Use products and accessories from a manufacturer who specialize in making, installing and servicing, systems of this type. Use products and accessories from a manufacturer specified or approved by the Owner. All electrical items are to be U.L. listed and labeled.

4. All work shall comply with manufacturer's instructions and governing authorities, applicable building and safety codes as listed on A0-0.

5. Provide and store all materials required to complete the work as shown on Drawings and specified herein. Deliver, store and transport materials to avoid damage to the product or to any other work. Reject and return any products or materials delivered in a damaged or unsatisfactory condition. Materials and products delivered to the site shall be as specified and will be certified by the manufacturer as such.

6. Examine and verify that job conditions are satisfactory for speedy and acceptable work. Maintain and use up-to-date construction documents on site. Maintain and use up-to-date trade standards and manufacturer's instructions.



7. Confirm there is no conflict between this work and governing authorities, applicable building and safety codes listed on A0-0. Confirm there are no conflicts between this work and work of other trades. Confirm that work of other trades that must precede this work has been completed. Meet all manufacturer's requirements to secure product warranties.

8. All materials must be new and of the type and quality specified. Materials must be delivered in labeled, unopened containers. All electrical products must bear the Underwriters Laboratory label.

10. Provide Ground Fault Circuit Interrupter outlets at all basements, bathrooms, garages, and exterior applications. All outlets within 6'-0" of a water source shall be GFCI protected.

11. Provide complete switches, receptacles, wall plates and related materials as shown on the drawings. WALL SWITCHES: quiet operating switch rated 20 amperes and 110-220 volts AC. RECEPTACLES: Provide specific purpose receptacles as indicated on the Drawings.

12. Exterior weatherproof cover plates shall be gasketed cast metal with hinged gasketed covers.

13. Correct any conditions that might interfere with speedy, well-coordinated execution of the work.

14. Straps and other support construction for electrical equipment must be provided as required by the codes listed on A0-0.

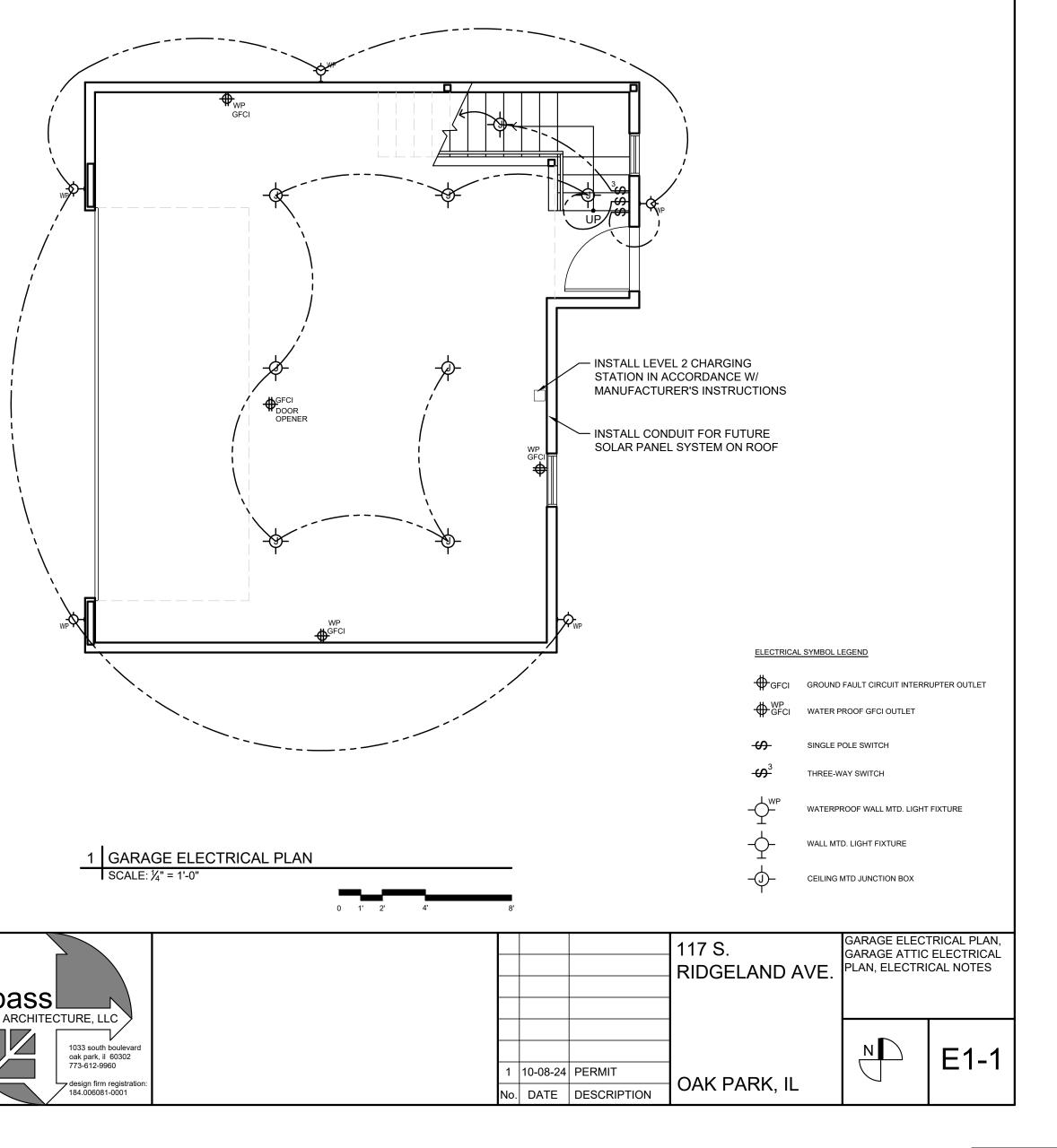
15. Upon completion, inspect all work for improper installation or damage, secure all required tests, inspections, and approvals of the completed system. Make all required adjustments and corrections at no added cost to the Owner.

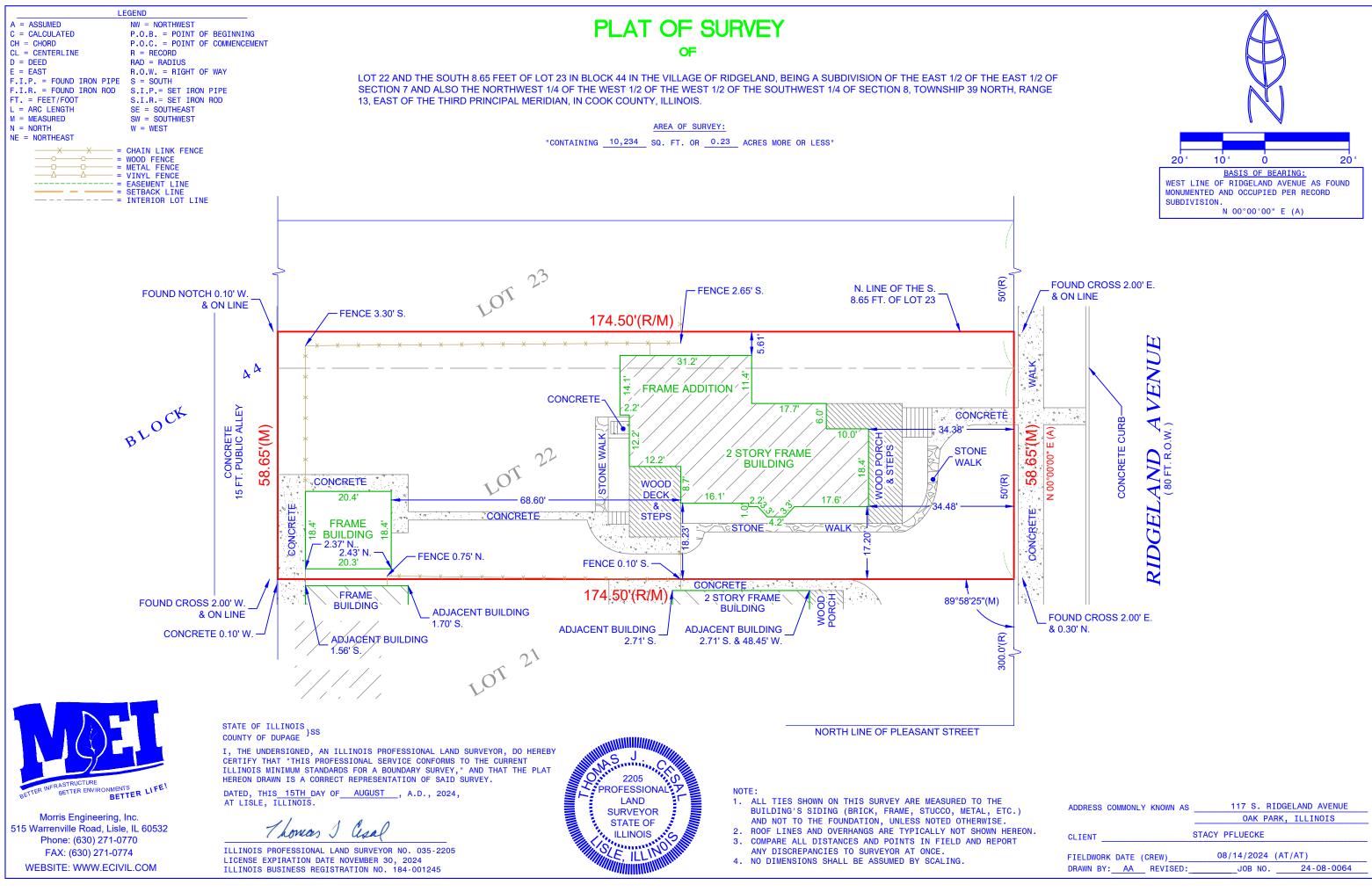
16. Provide maintenance of all work, for one year, following substantial completion of the project. Maintenance includes all work required in manufacturer's instructions such as inspection, adjustment, repair and replacement of parts as required.

17. Operating fixtures must perform smoothly. Repair or replace any defective work. Repair work will be undetectable. Redo repairs if work is still defective and as directed by the Owner or governing regulatory agency.

18. Clean the work area and remove all scrap and excess materials from the site.

- 19. All ceiling outlet electrical boxes shall be capable of supporting a ceiling fan.
- 20. All lamps in permanently installed light fixtures shall be high efficiency lamps.
- 21. Electrician to calculate electrical panel schedule to assess power required to accommodate EV charger in garage. Install new panels as required.
- 22. Electrician to install conduit to roof to prepare for future solar panel installation. Coordinate location with Owner.





	ADDRESS COMMONLY KNOWN AS 117 S. RIDGELAND AVENUE
	OAK PARK, ILLINOIS
ON.	CLIENT STACY PFLUECKE
	FIELDWORK DATE (CREW) 08/14/2024 (AT/AT)
	DRAWN BY: AA REVISED:JOB NO. 24-08-0064

•N	
	⊂ ⊃ak Park

Office Use Only

PROJECT NO: HPC2024-13

DATE RECEIVED: 5/14/24

DATE REVISED: 6/13/24

Application for Certificate of Appropriateness

Property Address117 S. Ridgeland Ave	DateMay 14, 2024
Owner Name/Address_James and Stacy Pfluecke 117 S. Ridgeland Av	ve Oak PArk I <u>L 60302</u>
Applicant Phone No. /Email Address773-396-8087 james.pfluecke@gr	nail.com
Contractor/Architect (if applicable) Compass Architecture	Phone No708-240-9822-
	Historic Landmark Image: FLW-Prairie School Historic District Ridgeland Historic District Image: Gunderson Historic District
Description of Job :Demolish and replace existing garage Replaceme including entry door, windows, and siding as feasible	
NoX	
Applicant Name/Address James and Stacy Pfluecke 117 S. Ridgeland_Ave	e. Oak Park, <u>IL 60302</u>
<u>Notice:</u> This form is not a permit application.	James Pfluecke
Certificate of	Appropriateness
and has determined that it is in accordance with the	ordingly, this Certificate of Appropriateness is issued
Any change in the proposed work after issuance of inspection by Commission staff to determine wheth Certificate of Appropriateness.	this Certificate of Appropriateness shall require er the work is still in substantial compliance with the
This certificate is not a permit, does not authorize compliance, and does not imply that any zoning rea	
Asha Andriana, HPC Acting Chair	6/13/24
Chairperson's Signature	Date of Commission Review
Certificate of Appropriateness Approved <u>X</u> Conditions Y	Denied Vote Record6-0 No

Certificate of Appropriateness SUBMITTAL REQUIREMENTS

The following is a list of submittal requirements based on the type of project that is being proposed. It is encouraged, but not required, to meet with Staff to review submittal requirements prior to submitting. To set up a meeting or to answer any questions you may have as to which requirements apply to your project, please contact Staff at (708) 358-5443 or <u>historicpreservation@oak-park.us</u>.

For Repairs and Replacements

- □ 1 copy of a completed **COA Application Form** and all supporting written information including a project narrative. The project narrative should explain how the proposed project meets the requirements of the <u>Architectural Review Guidelines</u>.
- Labeled Color Photographs showing all exterior views of building or structure including all areas of proposed work.
- □ If materials are being proposed for repair or replacement that are other than an exact match to the original, **Samples or Manufacturer Brochures** must be submitted of the proposed materials.
- Any additional information that is requested after your initial consultation or review with HPC Staff.

For Alterations, Additions, New Construction, Relocation and Demolition

- □ 1 copy of a completed **COA Application Form** and all supporting written information including a project narrative. The project narrative should explain how the proposed project meets the requirements of the <u>Architectural Review Guidelines</u>.
- Labeled Color Photographs:
 - All exterior views of building or structure including all areas of proposed work.
 - If change in height, scale or massing of structure is being proposed, provide additional photographs of adjacent properties and facing properties so that context can be understood.
- **Drawings** indicating existing conditions and all proposed changes and new work.
 - If a change in building footprint is being proposed, include a **Site Plan** drawn "to scale" that clearly labels and dimensions existing and proposed construction.
 - Include **Existing and Proposed Floor Plans** of all affected floors drawn "to-scale. All new work should be labeled and dimensioned.
 - If the proposed project includes changes or additions to the original roof, include a Roof Plan drawn "to-scale" and indicate and label proposed roof details such as configuration, slope, overhang dimension and how new roof ties into the existing.
 - Include **Existing and Proposed Exterior Elevations** drawn "to-scale". Clearly label all materials, window types, trim types and sizes, roof overhang dimension, roof slope, etc
 - Include **Details or Sections** if required to explain areas of complex or detailed building configuration. Confirm requirements with HPC staff.
- □ If materials are being proposed for the new work that are other than an exact match to the original materials existing on the property, **Samples or Manufacturer Brochures** must be submitted of the proposed materials.
- □ If demolition of a structure or material is being proposed due to deterioration of the original structure or material, submit **Photos** documenting the deterioration and **Cost Estimates** documenting cost of repair vs cost of replacement.
- Any additional information that is requested after your initial consultation or review with Staff.

Submit one copy of the COA application and all photos, drawings and written materials. Samples and brochures can be brought with you to the review meeting. Alternately, all drawings, photographs and written materials may be emailed to HPC Staff in digital or PDF format. Contact HPC staff for more information.