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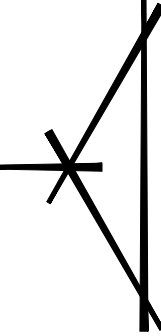
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LOCAL DESIGN LOAD CRITERIA	
SNOW LIVE LOAD (ZONE 2)	30 psf
WIND LOAD (HORIZ. 4 UPLIFT)	20 lbs/sq. ft.
FLOOR LIVE LOAD	40 psf
GARAGE FLOOR LIVE LOAD	50 psf
EXT. BALCONIES, DECKS, PORCHES	40 psf
CEILINGS (WITH STORAGE)	20 psf
CEILINGS (WITHOUT STORAGE)	5 psf
HEATING DESIGN TEMPERATURE	10 degrees F
WEATHERING	Severe
FROST LINE DEPTH (below grade)	48" min.
ICE BARRIER UNDERLAYMENT	Required
TERMITE	Yes

BUILDING CRITERIA:	
Wisconsin Administrative Code	
- Chapter SPS 321 (Construction Standards)	
- Chapter SPS 322 (Energy Conservation)	
- Chapter SPS 323 (HVAC)	
- Chapter SPS 324 (Electrical, 2017 NEC amended)	
- Chapter SPS 325 (Plumbing, SPS 382 amended)	

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U.S. SHELTER HOMES



MOUND MEADOWS SUBDIVISION

Whitewater, Wisconsin

INDEX OF DRAWINGS

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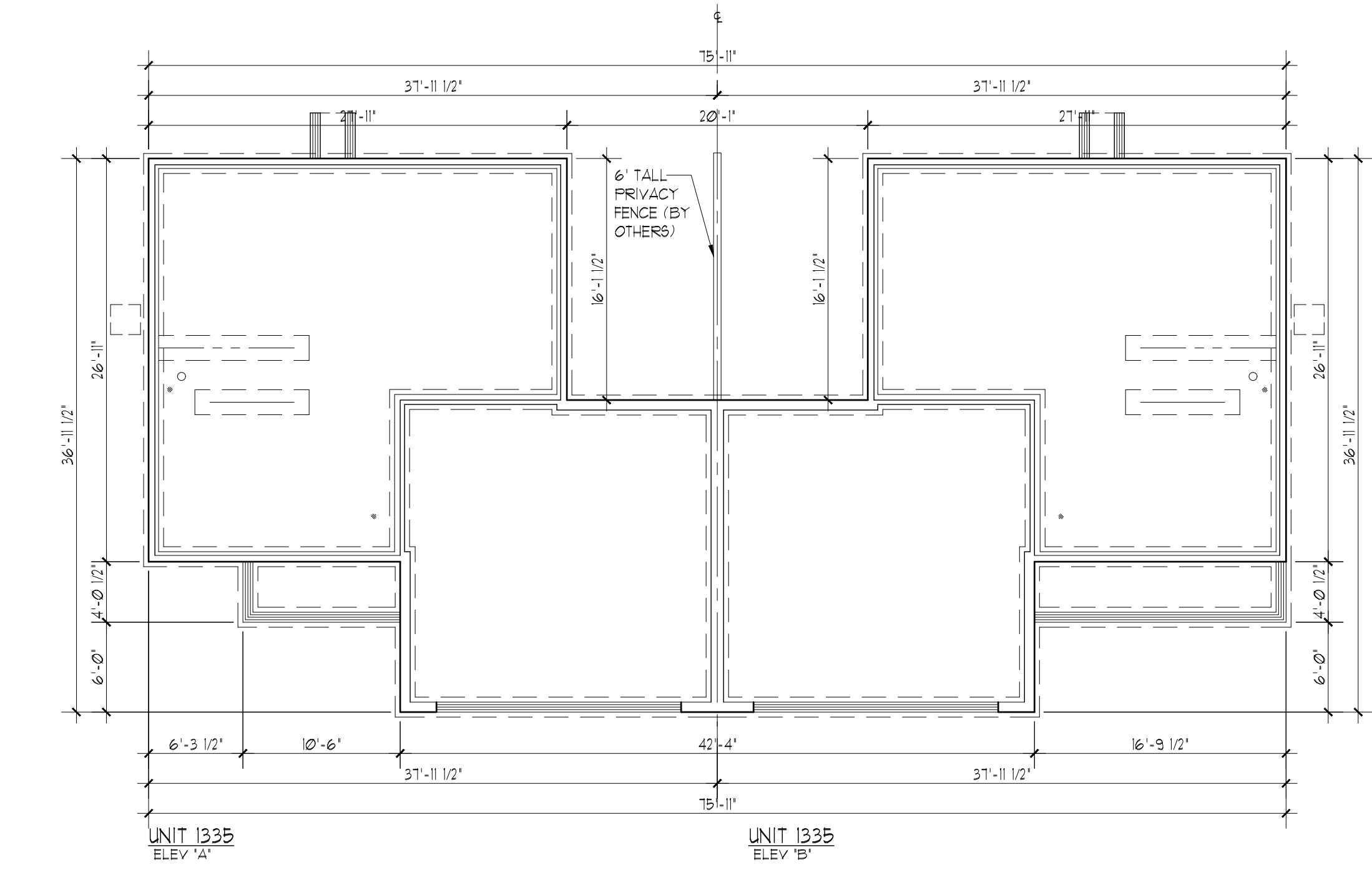
SPECIFICATIONS

1.0	GENERAL REQUIREMENTS
1.1	All work shall be performed in accordance with all applicable local, state, and national codes and ordinances and all authorities having jurisdiction. All equipment and appliances, including smoke & CO detectors, air conditioner, water heater(s) and furnace(s), shall be installed in accordance with their listings and the manufacturer's installation instructions.
1.2	All partition dimensions on plan sheets are face of stud interior and exterior. Non-bearing partitions and walls shall be laid out so that stock components will fit exactly within indicated dimension. Finished dimensions at critical areas such as closets, bathrooms, etc. must be held.
1.3	The Contractor shall verify all dimensions and/or discrepancies in plan and report errors to the Architect prior to commencement of the work, or to be responsible for same.
1.4	All plumbing, heating, and electrical work is to be coordinated between the trades as part of their installation layout.
1.5	On-site verification of all dimensions and conditions shall be the responsibility of each Sub-Contractor.
1.6	Architect shall not have control or charge of, and shall not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the work, or for the acts or omissions of the Contractor, Sub-Contractors, or any other persons performing any of the work, or for the failure of any of them to carry out the work in accordance with the intent of the contract documents. Architect shall not be responsible for Illinois Structural and Scaffolding Act.
1.7	Contractor shall provide adequate bracing and/or shoring to insure structural stability of building during construction.
	MATERIALS AND WORKMANSHIP:
1.8	All work shall be performed in a workmanlike manner.
1.9	Each Contractor shall include labor, materials, tools, equipment, etc., for the complete construction of the work indicated and specified by the drawings and specifications. Unless otherwise indicated, all materials and equipment are made between the trades.
1.10	Materials as specified on drawings shall be used. Substitutions of materials will not be allowed without the written consent of the owner and notification of the architect. The Contractor shall be responsible for all detailing in conjunction (and all other trades affected) by his substitution of materials.
1.11	Each Sub-Contractor shall amend and make good at his own cost, any defects or other faults in his workmanship and/or material.
1.12	Each Contractor is to clean up debris inside and outside the building site which has been caused by his work. All debris shall be removed from the site.
1.13	All material finishes and styles including but not limited to exterior siding, roofing, windows, exterior trim, all interior millwork etc. shall be approved by Owner and Architect.
1.14	Energy efficiency verification reporting shall be submitted to the Building within the municipalities required timeframe.
2.0	EXCAVATION AND SITE WORK
2.1	SITE PREP:
2.2	Clear all areas around trees not being removed to drip line of trees.
2.3	Comply with section SPS 321.125 of the Wisconsin Administrative Code.
2.4	EXCAVATION:
2.5	All necessary work to raise building site to elevations shown on drawings shall be clean and free of organic material and debris.
2.6	Compacted fill supporting interior building slabs shall be of approved clay and/or granular material placed in lifts not to exceed nine inches loose thickness and compacted to a min. of 95% of maximum dry density in accordance with ASTM D 1557 over compacted clay. Interior backfilling supplied by Excavating Contractor, installed by Excavating Contractor.
2.7	All footings shall bear on rock, undisturbed soil or approved compacted fill, either of which must have a minimum bearing capacity of 3,000 p.s.f., verified by a written soil report.
2.8	Comply with sections SPS 321.13 & SPS 321.14 of the Wisconsin Administrative Code.
	BACKFILL & DRAINAGE:
2.9	All backfill at foundation shall be made to material of soil classification GW, GP, SW or SP for current foundation design.
3.0	Backfill shall not be placed against the wall until the wall has sufficient strength and has been sufficiently braced to prevent damage by the backfill.
3.1	The foundation was engineered to comply with the soil conditions of the site and meets HUD's guidelines.
3.2	Comply with section SPS 321.12 of the Wisconsin Administrative Code.
3.0	CONCRETE
3.1	Concrete shall be ready mixed conforming to ASTM C94/C94M-13. Concrete work shall conform to applicable portions of ACI 318-14 of the American Concrete Institute for unreinforced concrete and referenced standards for cold and hot weather concreting. Additional work shall be non-chloride.
3.2	Remove organic material beneath concrete work.
3.3	Concrete for flatwork and in forms shall be min. 5-1/2 bag Portland cement per cubic yard and attain a min. compressive strength of 3000 psi in 28 days. Concrete for basement walls shall be min. 5 bag mix plus 5% air. Maximum 7% air entrainment ratio, slump 4"-6" and attain a min. compressive strength of 3000 psi. Grout under bearing plates shall develop a compressive strength of 3000 psi at 28 days.
3.4	The Concrete Contractor shall be responsible for coordination with the General Contractor for the placing of all sleeves in slabs and foundation walls for telephone, plumbing, electrical and mechanical trades.
3.5	The Concrete Contractor shall install foundation reinforcing steel, anchor bolts, etc. in conformance with the sizes and shapes indicated on the drawings and as may be required by the nature of the work.
3.6	Footings shall bear on min. 3000 pcf undisturbed soil. Contractor shall verify bearing capacity. Provide continuous 2" x 4" key in the top of wall footings.
3.7	Reinforcing: Steel reinforcing bars shall conform to ASTM A615/A615M-12 Grade 40 or 60. Provide reinforcing as indicated on plans.
3.8	Foundation walls shall be 6-8" minimum, 7% air entrainment, and 6 x 6 x 1.4/1.4 W.W.F. Concrete shall be a minimum of 4" thick with W.W.F. reinforcement over a minimum 4" gravel base. Slab shall slope away from building (1/8"/ft. min.) and be pinned at foundation wall with #5 rebar at 24" o.c.
3.9	Basement and slab on grade minimum 7% air entrainment. Concrete shall be a minimum of 4" thick over 6 mil vapor barrier (apped 6" min. at all joints) over a minimum 4" gravel base. All residential crawl spaces shall have a vapor barrier.
3.10	Pour all wingwalls monolithically with foundation walls.
3.11	Provide 1/2" dia. galvanized hooked anchor bolts at 72" o.c. (max.) with washers and nuts in middle third of the width of foundation walls (7" min. embedment) at wood sill plates.
3.12	All footings shall extend a minimum of 4"-0" below finished grade and shall be a minimum of 8"x16" w/ 8" wall (10"x20" w/ 10" wall).
3.13	Provide one coat of hot asphaltic dampproofing from the top of footing to above grade level on all foundation walls adjoining all interior space. In areas where a high water table or other severe soil water conditions are known to exist, foundation walls adjoining habitable interior space shall be waterproofed with a membrane extending from the top of footing to finished grade.
3.14	Grouting of sill plates and beam sockets is responsibility of the Concrete Contractor.
3.15	Gorge slabs to be minimum 6 bag mix, 3500 psi, minimum 3% air entrainment, maximum 7% with 6 x 6 x 1.4/1.4 W.W.F. (supported to remain in place from center to upper third of slab for duration of concrete placement), 6 mil vapor barrier and control joints per plan.
3.16	Provide exterior flat work for walks, rear steps and porches per plan.
3.17	All gravel base course to be crushed stone, or natural or crushed gravel no less than 4" in thickness and containing not more than 10 percent of material that passes through a No. 4 sieve.
3.18	The Concrete Contractor shall be responsible for, but not limited to, the following:
3.19	A. Rigid insulation.
3.20	B. Visqueen (6 mil polyethylene).
3.21	C. Wire mesh where required.
3.22	D. Interior and exterior fill as required.
3.23	E. Expansion and control joints.
3.24	The thickness of foundation wall shall be not less than the thickness of the wall it supports. The minimum thickness for frost walls backfilled on both sides shall be 6" with frame walls above, 10" with masonry veneer above. The minimum thickness for basement walls and crawl space walls shall be 8" with frame walls above, 10" with masonry veneer above.
3.25	If driveways are paved with concrete, the driveway shall be a minimum of 5" thick with 6x6x10 W.W.F. over 4" thick compacted gravel base.
3.26	Crawl space must be provided with an approved vapor retarder. All joints of the vapor retarder shall overlap by 6 inches and be sealed or taped. The edges of the vapor retarder shall extend at least 6 inches up the foundation wall and shall be attached and sealed to the foundation wall or insulation.
3.27	Drain Tile & filter fabric ("Form--o-Drain") to be laid level at base of footing on not less than 2" washed stone along the inside and outside of wall and connected to sump pit. The "Form--o-Drain" shall be protected with filter membrane material and covered with min. of 12" washed stone. Sump pits shall be covered with a gasketed or otherwise sealed lid.
3.28	In basements, the entire egress window shall be removable from the back without the use of keys, tools or special knowledge.
3.29	See detail 9b.D.3, for Concrete Encased grounding electrode (UFER).
3.30	Concrete foundation wall reinforcing: See detail sheet.
	Cold Weather Construction Procedures (Verify with local building official):
	-Concrete can be placed when the ambient air temp is 15 degrees Fahrenheit and rising. When ambient air temps fall below 14 degrees Fahrenheit, it is not recommended to place concrete without an external warm source. If concrete is placed when the ambient air temp is below 14 degrees Fahrenheit, the concrete must be protected from the cold. The jobble should follow the guidelines established in ACI306. Accelerators may also be used at the suppliers/manufacturers recommendations. After concrete placement, insulated blankets should be placed on the concrete and remain in place for 48 hours.

4.0	MASONRY
4.1	Masonry walls shall be laid in mortar meeting ASTM C270-12a ("Type "S") specifications with a minimum compressive strength of 1800 PSI at 28 days. Grout in masonry walls shall conform to ASTM C476-10 with a minimum strength of 1800 psi at 28 days.
4.2	Provide samples of brick for Owner's review and approval.
4.3	Mortar shall conform to the Standard Specification for Mortar of Masonry Units - ASTM C270-12a with a minimum compressive strength of 3500 psi.
4.4	Provide 4" cut stone sills at windows and doors unless otherwise noted on plans at masonry areas.
4.5	Anchor masonry to wood studs every 2,667 square feet of wall area with min. 22 ga. galvanized metal bris ties spaced at max. 32" vertically and max. 24" vertically. Fasten ties through sheathing into wood studs with galvanized ring nails to provide a minimum penetration of 1". Do not fasten to sheathing.
4.6	Provide temporary forms for masonry arches and chimney caps if req'd.
4.7	Provide thru-wall flashing at window and door heads and sills and as indicated with weep holes and weeps located at 24" o.c.(max.). Flashing shall be Wesco "Copper Fabric" or Owner approved equal.
4.8	Clean masonry with clean water only. Do not use an acid solution.
4.9	Or receive written permission first.
4.10	Provide lintels as indicated on plan. Minimum bearing of 8" each end.
4.11	Mason Contractor shall follow procedures as shown by the Masonry Institute for any masonry construction below 40 degrees F.
5.0	STEEL
5.1	All structural steel shall conform to AISI specifications for A992, 50 ksi steel and shall be shop coated.
5.2	Connectors shall be bolted or welded. Bolts shall conform to ASTM A325 and be 3/4" dia. unless otherwise noted. (See note 6.44)
6.0	CARPENTRY
6.1	For joists and rafters, lumber grade shall conform to the National Design specifications for Visually Graded Lumber and its Fastenings ANSI WOOD NDS-2015 Edition, 2x10 joist. Hem Fir #2 with a non-adjusted fiber stress bending (fb) of 850 p.s.i. and modulus of elasticity (E) of 1,500,000.
6.2	Wood rafter trusses shall be designed for a total load of 50# per sq. ft. (30# TC LL, 10# TC DL, 10# snow load). Trusses shall be designed for a total load of 50# per sq. ft. (30# TC LL, 10# TC DL, 10# snow load). Trusses shall be designed for a total load of 50# per sq. ft. (30# TC LL, 10# TC DL, 10# snow load). Trusses shall be designed for a total load of 50# per sq. ft. (30# TC LL, 10# TC DL, 10# snow load).
6.3	Truss members to submit calculations and layouts to fabricator and shall be in accordance with local codes.
6.4	Roof truss drawings to be signed and sealed by a Wisconsin Structural Engineer.
6.5	If trusses are required to be stored prior to erection, they shall be stored in a vertical position and protected from the weather.
6.6	Gable end trusses shall be sheathed with 7/16" OSB structural sheathing. Include 2x4 vertical bracing for nailing at 16" o.c.
6.7	Interior bearing walls shall be 2x4 studs at 16" o.c. (or 12" o.c. where indicated), with a double top plate and staggered splice joints with a minimum lap of 48". Walls directly on concrete shall be anchored with 1/2" diameter anchor bolts ten inches long not over 6" o.c.
6.8	Bearing wall studs shall be S-P-F stud grade or better, non-adjusted Fc (perp.)=425 p.s.i., Fc=725 p.s.i. and E=1,200,000. Southern Pine studs not allowed, due to warping tendency.
6.9	Interior non-bearing partitions shall be 2x4 studs at 24" o.c. with a single top plate and 1/2" plywood board and composite drywall.
6.10	Nonbearing wall studs shall be S-P-F stud grade with non-adjusted Fc (perp.)=425 p.s.i.
6.11	All second floors utilizing open floor truss shall be dropped/stopped to divide the concealed space into areas not to exceed 1000 s.f.. Dropped/stopping shall be installed parallel to main framing members and shall consist of 1/2" gypsum or 5/8" plywood or other approved material.
6.12	Double end trusses shall be 2x4 studs at 24" o.c. with a single top plate and 1/2" plywood board and composite drywall.
6.13	At lower levels continuing the bearing path above, to be some size at a minimum unless otherwise specified.
6.14	All non-treated sills and plates shall be S-P-F No. 2 or better with non-adjusted Fc (perp.)=425 p.s.i. and E=1,400,000 or equal, unless otherwise noted.
6.15	Sill plates on concrete shall be pressure treated (PT) and set in sill sealer. PT lumber to be Southern Pine No. 2 or better @10% M.C. max. with non-adjusted Fc (perp.)=425 p.s.i. and E=1,600,000 or equal, unless otherwise noted.
6.16	Provide 1x3 cross bridging at 7'-0" o.c. max. or approved metal bridging.
6.17	Provide double joists under water heater, washing machine, dryer.
6.18	Tubs and stationary appliances as indicated on plans.
6.19	All floor joists shall be constructed with 1/2" plywood. No steel flanges.
6.20	All headers over bearing wall openings to be securely nailed together, and have a min. of 2-2x4 (or 1-2x6) posts under each side unless noted otherwise. Posts to be constructed as cripple studs plus one king stud (i.e. 3-2x4's = three cripples plus one king stud).
6.21	Exterior openings to have 2-2x4 headers w/ continuous 1/2" plyw. plate unless otherwise noted. Hem Fir No. 1 or better fb=975 E=1,500,000 (no splits).
6.22	All multiple headers to be glued & nailed to one (1) unit.
6.23	Provide "L.V.M." header with 2x4's and 1/2" plywood. Header to be 2x4's and 1/2" plywood. Header to be 2x4's and 1/2" plywood. Header to be 2x4's and 1/2" plywood.
6.24	Roof sheathing shall be 7/16" OSB sheathing (APA 24/16 span rating) with edge clips.
6.25	Floor sheathing shall be 3/4" OSB with exterior glue and tongue and groove edges. In tied areas, 1/4" underlayment shall be applied over sub-floor glue and nailed.
6.26	All exterior walls shall be firestopped at each eight-foot level with solid blocking, sealed off with approved fire caulking or equal. Each trade shall be responsible for firestopping their work.
6.27	Wall sheathing shall be 7/16" OSB sheathing (fully sheathed with OSB structural sheathing). Metal ties to be fastened directly to 2x4 studs at masonry veneer.
6.28	Carpenter to verify door size openings to allow for floor finish.
6.29	Stair assemblies shall be over 3'-0" in width to have a 3rd string down the center of the stair assembly. Stair treads at min. 9" x 12" clear (not including nosing) unless otherwise indicated. Stair risers at 7 3/4" (maximum) with no more than a 3/8" variance between tallest/smallest risers.
6.30	Install 2x2x4 attic access and finish ceilings panels to all attics.
6.31	2x2x4 attic access in garage areas.
6.32	All closets marked linen and pantry to have 5 shelves - entry wardrobe and walk-in closets to have wire shelf with rod (as shown).
6.33	Jambs to all closets and openings without pushing doors are to have drywall corners.
6.34	Handrail heights shall be 34" minimum and 38" maximum measured vertically from the leading edge of the nosing. Handrails must be continuous the full length of the flight, from a point directly above the top riser to a point directly above the lowest riser of the flight. The handrail ends shall terminate into a newel post or safety terminal. Handrails shall be one of the following types or provide equivalent graspability:
6.35	Type 1- Handrails with circular cross section to have an outside diameter of 1 3/4" min. (2" max.).
6.36	Non-circular handrails, to have a perimeter dimension of 4" min. (6 3/4" max.) with a max. cross section dimension of 2 1/4".
6.37	Type 2- A handrail perimeter greater than 6 3/4" shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of 3/4" measured vertically from the tallest portion of the profile and achieve a depth of at least 3/8" within 3/4" below the widest portion of the profile. This required depth shall continue for at least 3/4" to a level that is not less than 1 3/4" below the tallest portion of the profile. The width of the handrail above the recess shall be 1 3/4" min. to 2 3/4" max. Edges to have a .01" min. radius.
6.38	Roof and wall sheathing fasteners to comply with Wisconsin Administrative Code SPS 321.
6.39	Cuts, notches and holes bored in trusses, laminated veneer lumber, glue-laminated members or I-joists are not permitted unless the effects of such are specifically addressed by a registered design professional.
6.40	All exterior fireplace chases, as applicable, must be insulated/drywalled to the firestop.
6.41	Fireplace chases, as applicable, shall be insulated and drywalled to the 8 foot mark.
6.42	Ceiling height in bathrooms above plumbing fixtures to be at least 80".
6.43	Provide a minimum 30 inches by 30 inches space at showerheads.
6.44	APPROVED firestopping shall be provided at the following locations:
6.45	A. Concealed spaces of studs, walls, and partitions, including furred spaces, at ceiling and floor levels.
6.46	B. All interconnections between concealed vertical and horizontal spaces, such as occurs at soffits, drop ceilings, cove ceilings, etc.
6.47	C. Concealed spaces between stair stringers at the top and bottom of run.
6.48	D. Openings around vents, pipes, ducts, chimneys, and fireplaces at the ceiling and floor level, without combustible materials.
6.49	Provide stainless steel or hot-dipped galvanized fasteners, hangers or flashing at treated lumber areas of foundation wall.
6.50	36" high guardrails with openings that do not allow a 4" sphere to pass shall be provided at raised floor areas 30" above adjacent walking surface. Any triangular areas formed by truss riser, tread and bottom rail of the guardrail shall not allow a 6" sphere to pass.
6.51	Trusses shall be connected to wall plates by the use of an approved connector having a resistance to uplift of not less than what is indicated on Roof Truss drawings, and shall be installed in accordance with manufacturer's specifications.
6.52	Carpenter to install an 18" high Thermopy (or equal) kneewall parallel to the exterior wall(s) below, between interior and exterior spaces in attics.
6.53	Exterior exterior walls and/or headers to have joint hangers with manufac. approved nails (fill all holes). Galvanized roofing and box nails are NOT permitted.
6.54	Provide durable air sealing or foam (no construction adhesive) to seal the building envelope: Top plates sealed to drywall, sill plates caulked to sub floor or slab at all floor lines, joints, knee walls, dropped ceilings, chases, exposed penetrations, openings between door and window jambs, garage walls & ceilings.
6.55	All steel columns shall be mechanically fastened to the concrete footing and to the beam it supports. The use of adjustable columns is strictly prohibited. Shims used to support a column or girder shall not exceed one inch in height.
6.56	Shims shall not be used to fasten siding products.
6.57	Exterior & interior walls studs not to exceed 16" O.C.
6.58	Any nothing and/or drilling of wooden studs shall follow the following:
6.59	A. Notching - Any stud in an exterior wall or bearing partition may be cut or notched to a depth not exceeding twenty-five (25%) percent of its width. Studs in interior walls may be notched to a depth not to exceed forty (40%) percent of a single stud width; and,
6.60	B. Drilling - Any stud may be bored or drilled, provided that the diameter of the resulting hole is no more than sixty (60%) percent of the stud width, the edge of the hole is no more than five eighths inch (5/8") to the edge of the stud, and the hole is not located in the same section as a cut or notch. Studs located in exterior walls or bearing partitions drilled over forty (40%) percent and up to sixty (60%) percent shall also be doubled with no more than two successive doubled studs bore.

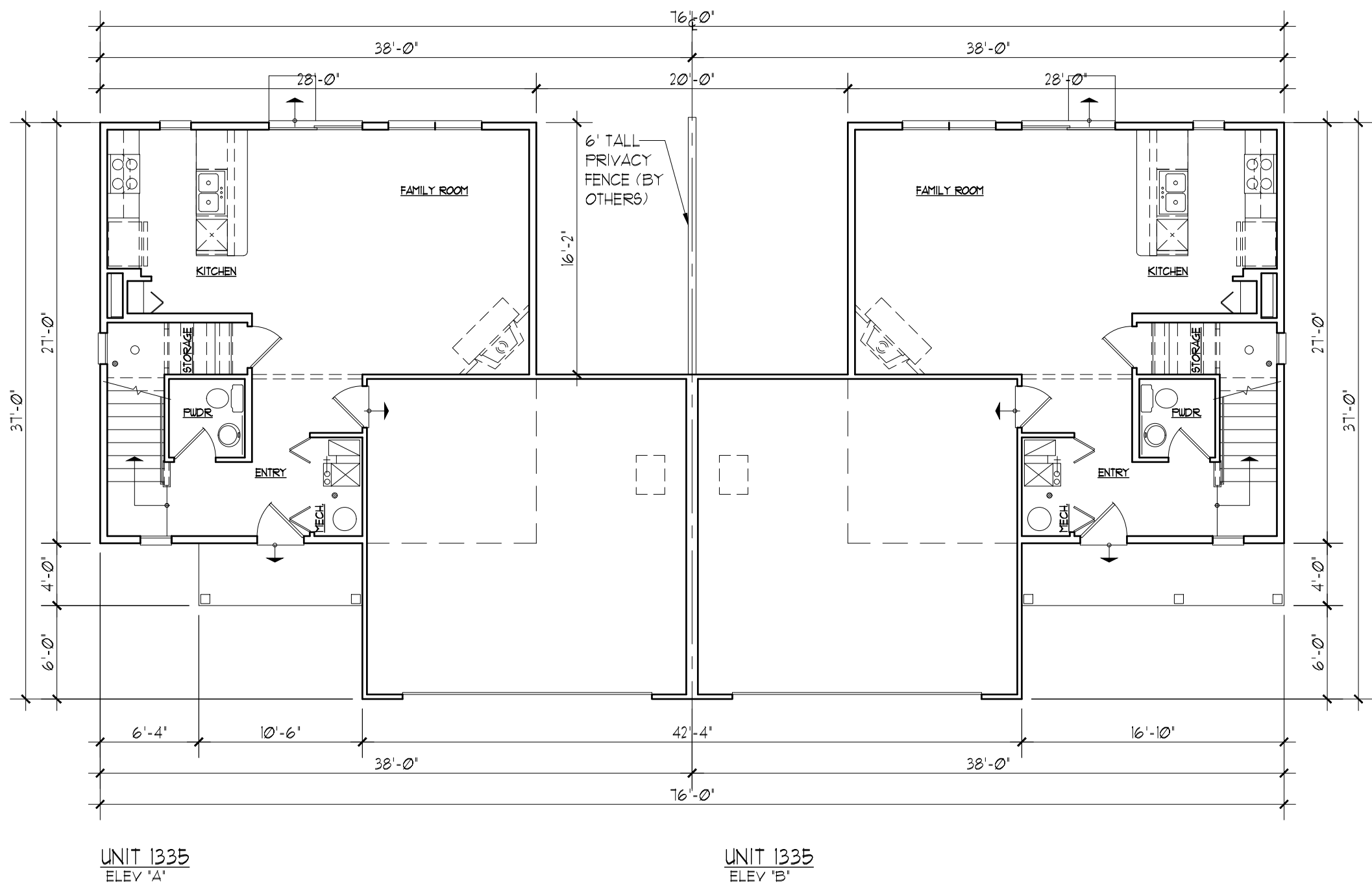
7.0	MOISTURE CONTROL
7.1	All concealed flashing shall be a minimum of 26 gauge sheet metal.
7.2	Provide sheet metal body in flashing at roof/wall junction.
7.3	Base sill flashing to be equal to 6 mil visqueen polyethylene film.
7.4	Provide 6 mil visqueen polyethylene film under slab at all conditioned space areas with 6" minimum lap at joints.
7.5	All exterior walls and ceilings shall be non-slitting high molecular weight acrylic terpolymer, gun grade consistency. Caulk as noted and at all openings and dissimilar materials, color approved by owner.
7.6	Provide 6 mil flashing at all window and door heads and sills.
7.7	Provide 48" total vertical (8" to top) and 24" vertical (8" to bottom) rigid perimeter insulation at all unheated slab edges within 12" of grade at conditioned areas.
7.8	Provide R-45 blown-in insulation in attic spaces at conditioned spaces, R-45 at vaulted ceilings, R-15 fiberglass friction-fit insulation with kraft faced vapor barrier in 2x4 exterior walls (R-19 w/ 2x6 exterior walls). No studs running horizontally.
7.9	R-30 in cantilevers and R-13 in plumbing walls. R-11 in crawl spaces, and from top of foundation down 48". Provide R-3.0 min. insulation in header area and in California corners. Provide 1 inch min. closed cell spray foam insulation at basement rim (including foaming sill plate to concrete), 2nd floor rim joist, split ends at garages, garage HVAC chases, and steel beam penetrations into conditioned space.
8.0	Provide roof vents and soffit vents as shown on plans, elevations and sections. Minimum attic ventilation shall be 1/300 of area if split eave between eave and upper roof vents. At valley set trusses over sheathing, provide minimum 1 sq. ft. openings lower near the eave and upper near the ridge of the valley set roof.
8.1	Install five inch seamless box aluminum gutters and 2" x 3" aluminum downspouts using all necessary accessories. Color by owner.
8.2	Roof shall be (Class "A") seal tab shingles installed over 15# building paper.
8.3	Provide ice dam water protection at eaves behind flashing.
8.4	Points, Ice dam protection to extend from eave's edge to a point measured 24 inches from the interior face of the exterior wall. Flash all roof to wall conditions per the Wisconsin Administrative Code SPS 321.24. Staples are required to fasten all roof systems.
8.5	The rain gutter and downspout system shall discharge onto approved concrete splash blocks.
8.6	Provide aluminum 7" flashing above all horizontal trim. Color per owner.
8.7	Provide 1/2" aluminum flashing at roof/wall junction in accordance with SMACMA.
8.8	Electrical boxes, tvs and phone jack insulation around and seal with acoustical caulk and backing.
8.9	Install insulation and gasket weather stripping at all attic openings.
9.0	Door, window and gasket weather stripping at all attic openings.
9.1	Roof retarders shall be installed on the warm-in-winter side of all frame walls (class I), floors (Class II) which comprise the buildings thermal envelope.
9.2	Openings between jamb and framing must be foamed or sealed (no fiberglass).
9.3	Provide a sealed air barrier at the following: walls behind showers and tubs at exterior walls, walls behind fireplaces at exterior walls, attic knee-walls or sloped attic walls (attic side), skylight shaft walls, exterior walls adjoining a porch roof, stair case walls at exterior walls, double walls, garage rim and band adjoining conditioned spaces, all exterior walls, floors above garage, cantilevered floors, dropped ceilings or attic soffits.
9.4	Exterior doors shall be of the sizes and shown on the plans, pre-hung H.M. Insul. and standard wood frame. Manufacturer to provide all hardware including locks, dead bolts, weatherstripping and weatherstripping. Match door design shown on elevations.
9.5	Set door on treated 1x4 in bed of mastic.
9.6	Provide rated doors as required by codes and as shown on plans.
9.7	Provide tempered glass at all side lites, sliding glass doors and hazardous locations as indicated by the Wisconsin Administrative Code SPS 321.05.
9.8	Provide solid bearing edge in walls at all order trusses and headers, as indicated, to foundation. Posts at lower levels continuing the bearing path above, to be some size at a minimum unless otherwise specified.
9.9	All non-treated sills and plates shall be S-P-F No. 2 or better with non-adjusted Fc (perp.)=425 p.s.i. and E=1,400,000 or equal, unless otherwise noted.
10.0	Sill plates on concrete shall be pressure treated (PT) and set in sill sealer. PT lumber to be Southern Pine No. 2 or better @10% M.C. max. with non-adjusted Fc (perp.)=425 p.s.i. and E=1,600,000 or equal, unless otherwise noted.
10.1	Provide 1x3 cross bridging at 7'-0" o.c. max. or approved metal bridging.
10.2	Provide double joists under water heater, washing machine, dryer.
10.3	Tubs and stationary appliances as indicated on plans.
10.4	All floor joists shall be constructed with 1/2" plywood. No steel flanges.
10.5	All headers over bearing wall openings to be securely nailed together, and have a min. of 2-2x4 (or 1-2x6) posts under each side unless noted otherwise. Posts to be constructed as cripple studs plus one king stud (i.e. 3-2x4's = three cripples plus one king stud).
10.6	Exterior openings to have 2-2x4 headers w/ continuous 1/2" plyw. plate unless otherwise noted. Hem Fir No. 1 or better fb=975 E=1,500,000 (no splits).
10.7	All multiple headers to be glued & nailed to one (1) unit.
10.8	Provide "L.V.M." header with 2x4's and 1/2" plywood. Header to be 2x4's and 1/2" plywood. Header to be 2x4's and 1/2" plywood.
10.9	Roof sheathing shall be 7/16" OSB sheathing (APA 24/16 span rating) with edge clips.
10.10	Floor sheathing shall be 3/4" OSB with exterior glue and tongue and groove edges. In tied areas, 1/4" underlayment shall be applied over sub-floor glue and nailed.
10.11	All exterior walls shall be firestopped at each eight-foot level with solid blocking, sealed off with approved fire caulking or equal. Each trade shall be responsible for firestopping their work.
10.12	Wall sheathing shall be 7/16" OSB sheathing (fully sheathed with OSB structural sheathing). Metal ties to be fastened directly to 2x4 studs at masonry veneer.
10.13	Carpenter to verify door size openings to allow for floor finish.
10.14	Stair assemblies shall be over 3'-0" in width to have a 3rd string down the center of the stair assembly. Stair treads at min. 9" x 12" clear (not including nosing) unless otherwise indicated. Stair risers at 7 3/4" (maximum) with no more than a 3/8" variance between tallest/smallest risers.
10.15	Install 2x2x4 attic access and finish ceilings panels to all attics.
10.16	2x2x4 attic access in garage areas.
10.17	All closets marked linen and pantry to have 5 shelves - entry wardrobe and walk-in closets to have wire shelf with rod (as shown).
10.18	Jambs to all closets and openings without pushing doors are to have drywall corners.
10.19	Handrail heights shall be 34" minimum and 38" maximum measured vertically from the leading edge of the nosing. Handrails must be continuous the full length of the flight, from a point directly above the top riser to a point directly above the lowest riser of the flight. The handrail ends shall terminate into a newel post or safety terminal. Handrails shall be one of the following types or provide equivalent graspability:
10.20	Type 1- Handrails with circular cross section to have an outside diameter of 1 3/4" min. (2" max.).
10.21	Non-circular handrails, to have a perimeter dimension of 4" min. (6 3/4" max.) with a max. cross section dimension of 2 1/4".
10.22	Type 2- A handrail perimeter greater than 6 3/4" shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of 3/4" measured vertically from the tallest portion of the profile and achieve a depth of at least 3/8" within 3/4" below the widest portion of the profile. This required depth shall continue for at least 3/4" to a level that is not less than 1 3/4" below the tallest portion of the profile. The width of the handrail above the recess shall be 1 3/4" min. to 2 3/4" max. Edges to have a .01" min. radius.
10.23	Roof and wall sheathing fasteners to comply with Wisconsin Administrative Code SPS 321.
10.24	Cuts, notches and holes bored in trusses, laminated veneer lumber, glue-laminated members or I-joists are not permitted unless the effects of such are specifically addressed by a registered design professional.
10.25	All exterior fireplace chases, as applicable, must be insulated/drywalled to the firestop.
10.26	Fireplace chases, as applicable, shall be insulated and drywalled to the 8 foot mark.
10.27	Ceiling height in bathrooms above plumbing fixtures to be at least 80".
10.28	Provide a minimum 30 inches by 30 inches space at showerheads.
10.29	APPROVED firestopping shall be provided at the following locations:
10.30	A. Concealed spaces of studs, walls, and partitions, including furred spaces, at ceiling and floor levels.
10.31	B. All interconnections between concealed vertical and horizontal spaces, such as occurs at soffits, drop ceilings, cove ceilings, etc.
10.32	C. Concealed spaces between stair stringers at the top and bottom of run.
10.33	D. Openings around vents, pipes, ducts, chimneys, and fireplaces at the ceiling and floor level, without combustible materials.
10.34	Provide stainless steel or hot-dipped galvanized fasteners, hangers or flashing at treated lumber areas of foundation wall.
10.35	36" high guardrails with openings that do not allow a 4" sphere to pass shall be provided at raised floor areas 30" above adjacent walking surface. Any triangular areas formed by truss riser, tread and bottom rail of the guardrail shall not allow a 6" sphere to pass.
10.36	Trusses shall be connected to wall plates by the use of an approved connector having a resistance to uplift of not less than what is indicated on Roof Truss drawings, and shall be installed in accordance with manufacturer's specifications.
10.37	Carpenter to install an 18" high Thermopy (or equal) kneewall parallel to the exterior wall(s) below, between interior and exterior spaces in attics.
10.38	Exterior exterior walls and/or headers to have joint hangers with manufac. approved nails (fill all holes). Galvanized roofing and box nails are NOT permitted.
10.39	Provide durable air sealing or foam (no construction adhesive) to seal the building envelope: Top plates sealed to drywall, sill plates caulked to sub floor or slab at all floor lines, joints, knee walls, dropped ceilings, chases, exposed penetrations, openings between door and window jambs, garage walls & ceilings.
10.40	All steel columns shall be mechanically fastened to the concrete footing and to the beam it supports. The use of adjustable columns is strictly prohibited. Shims used to support a column or girder shall not exceed one inch in height.
10.41	Shims shall not be used to fasten siding products.
10.42	Exterior & interior walls studs not to exceed 16" O.C.
10.43	Any nothing and/or drilling of wooden studs shall follow the following:
10.44	A. Notching - Any stud in an exterior wall or bearing partition may be cut or notched to a depth not exceeding twenty-five (25%) percent of its width. Studs in interior walls may be notched to a depth not to exceed forty (40%) percent of a single stud width; and,
10.45	B. Drilling - Any stud may be bored or drilled, provided that the diameter of the resulting hole is no more than sixty (60%) percent of the stud width, the edge of the hole is no more than five eighths inch (5/8") to the edge of the stud, and the hole is not located in the same section as a cut or notch. Studs located in exterior walls or bearing partitions drilled over forty (40%) percent and up to sixty (60%) percent shall also be doubled with no more than two successive doubled studs bore.

10.0	HEATING AND VENTILATION
10.1	The heating and cooling systems shall be designed to operate per ASHRAE standards, Wisconsin Administrative Code SPS 321.33. Ventilation to meet requirements of ASHRAE-2013, Wisconsin Administrative Code SPS 321 & 323.
10.2	The heating contractor shall provide a complete and operating system consisting of, but not necessarily limited to, gas fired forced air 92% efficient furnace (min.), fans, ducts, radiators, non-mechanical air exchangers and bathroom fans. All fittings to be taped with UL181 tape, programmable thermostats, etc. Vent optional air conditioning (13 SEER).
10.3	Clothes dryer venting to be in smooth metal vent pipe, and discharge to the outside of the structure. The connection to the dryer shall be made in accordance with the manufacturer's instructions.
10.4	Bathroom and powder room exhaust fan shall be sized in accordance with schedule and ducted (with R-3 insulation) to exterior with suitable cap and backdraft damper, minimum 50 cm, or 11.0 cm per 1 square foot of floor space, output at less than 3 zones. Gops between fan housing and ceiling or wall shall be gasketed, sealed or caulked.
10.5	Sheet metal ducts shall be sized, designed and constructed in accordance with engineer's plans and specifications.
10.6	Combustion air intakes shall be installed for furnace and water heater in accordance with NFPA 31-11 (2 combustion air = 1 high, 1 low).
10.7	Glass "B" vents to have minimum 1" clearance to all combustibles and be fire stopped at floors.
10.8	All supply and return ducts in storage attics and unheated spaces susceptible to physical damage shall be constructed of galvanized steel or corrosion-resistant metal, and insulated with R8 duct insulation with vapor retarder or approved equal. All other ducts not located completely within the thermal envelope shall be insulated to a min. of R6.
10.9	All rooms shall have returns other than kitchen & baths.
10.10	Exterior mechanical units are to be elevated 3" min. above the finished grade. Verify placement of optional A/C condenser with the municipality's setback requirements.
10.11	Kitchen exhaust hood shall be over the stove. Range hood shall be vented to the exterior. Builder to provide Village with total CFMs of hood. Exhaust hood systems capable of exhausting in excess of 40



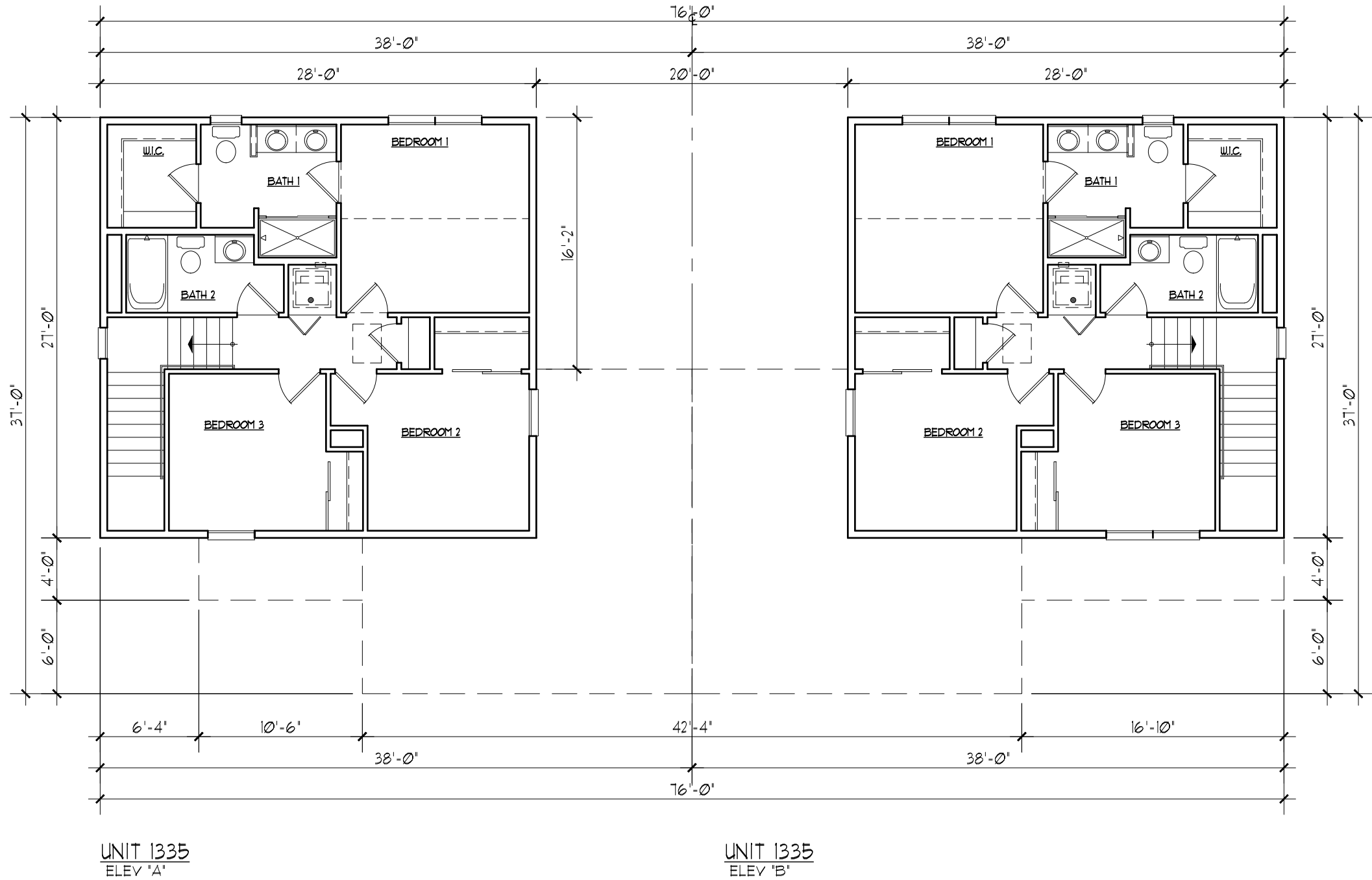
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE I (SLAB) (1335/A-1335/B)



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE I (SLAB) (1335/A-1335/B)

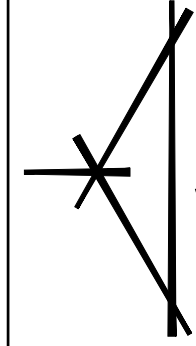


SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE I (SLAB) (1335/A-1335/B)

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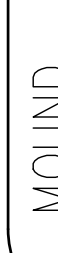
Date:	11-10-23
Proj. No.:	720-606
Drawn By:	JLK/RJW
Chkd. By:	



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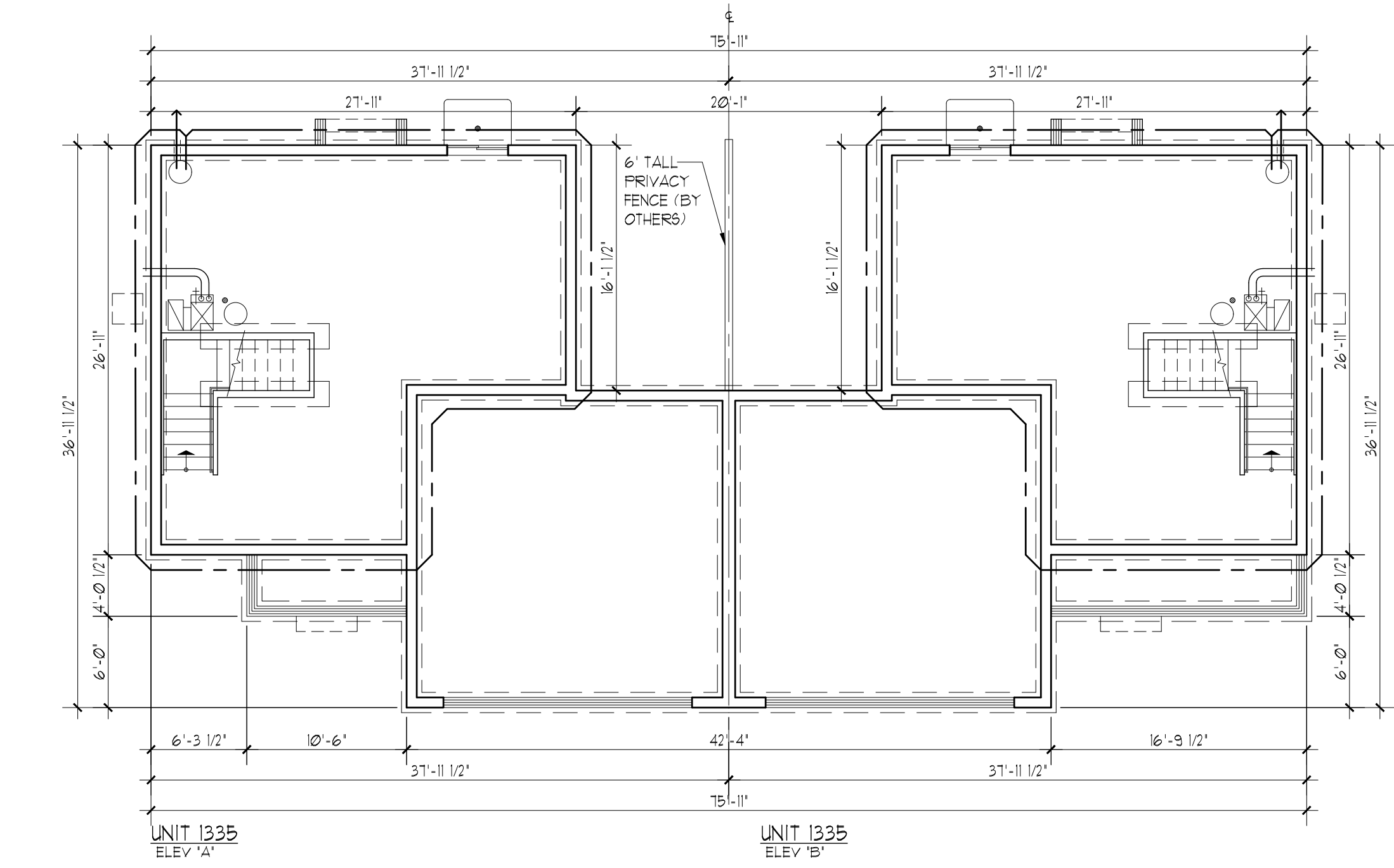
MOUND MEADOWS SUBDIVISION

Whitewater, Wisconsin



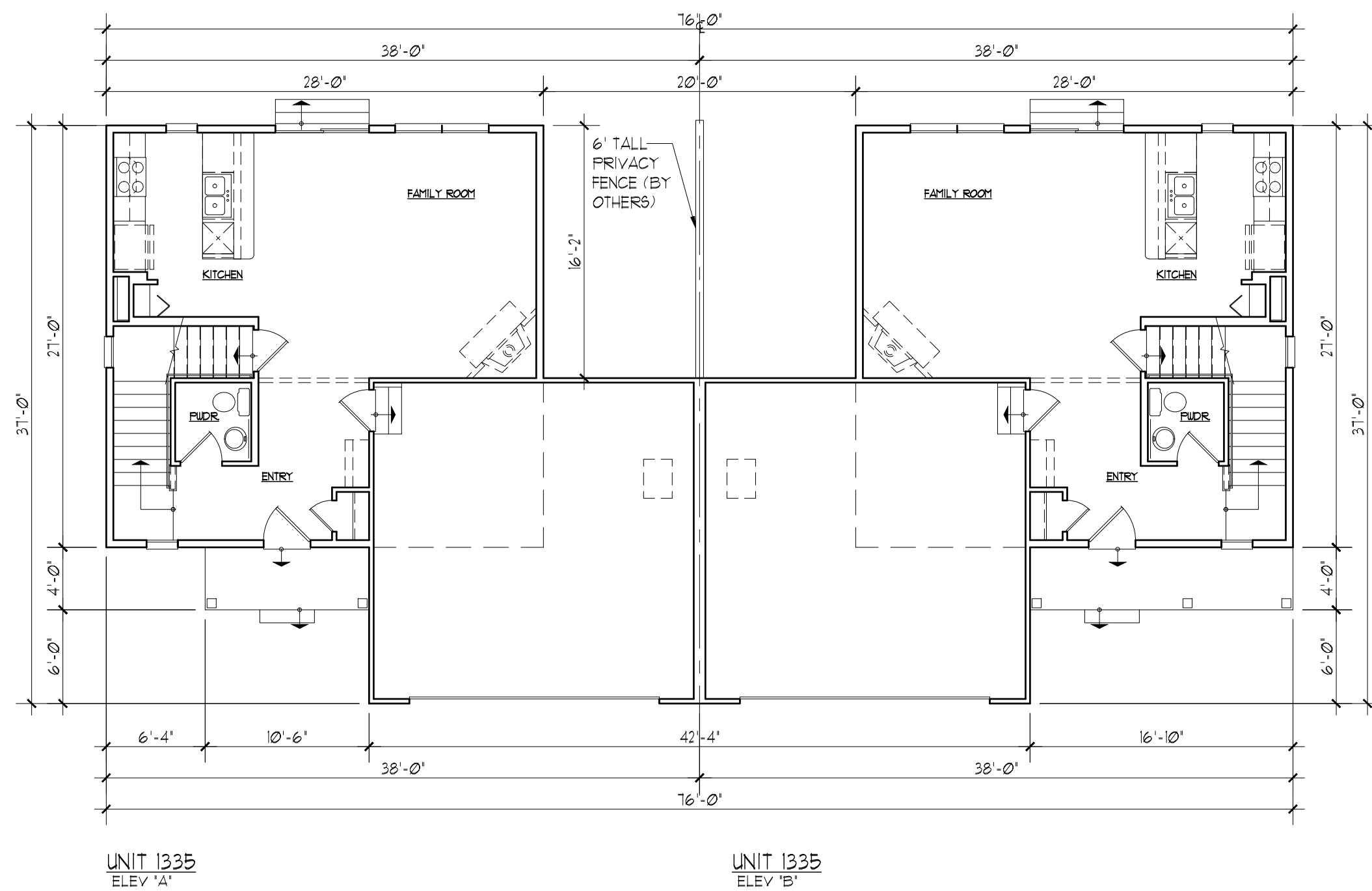
FOUNDATION & FLOOR PLANS

DUPLEX TYPE 1 (SLAB)



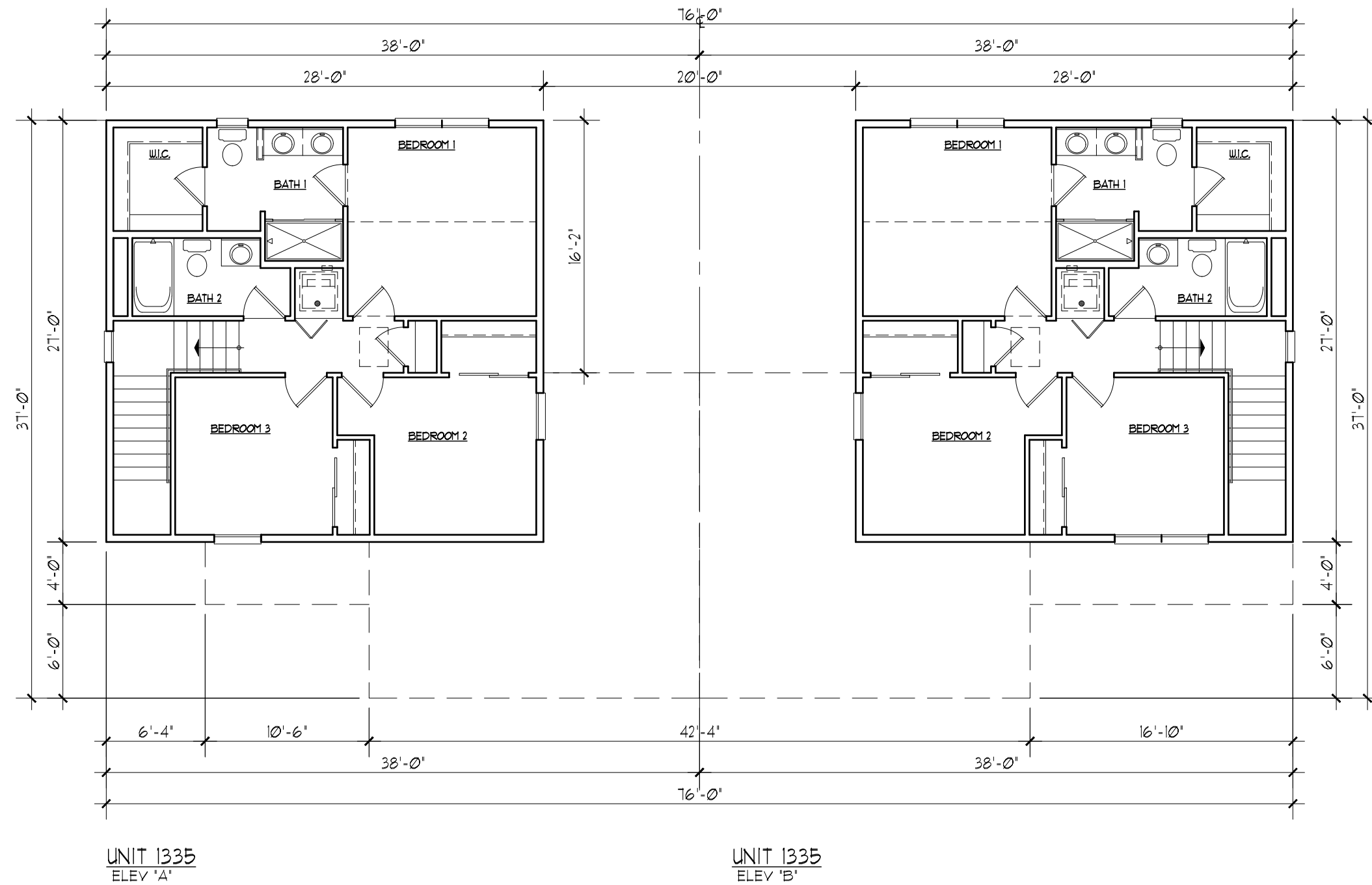
FOUNDATION PLAN
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DUPLEX TYPE 1 (BSMT) (1335/A-1335/B)



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 1 (BSMT) (1335/A-1335/B)



SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 1 (BSMT) (1335/A-1335/B)

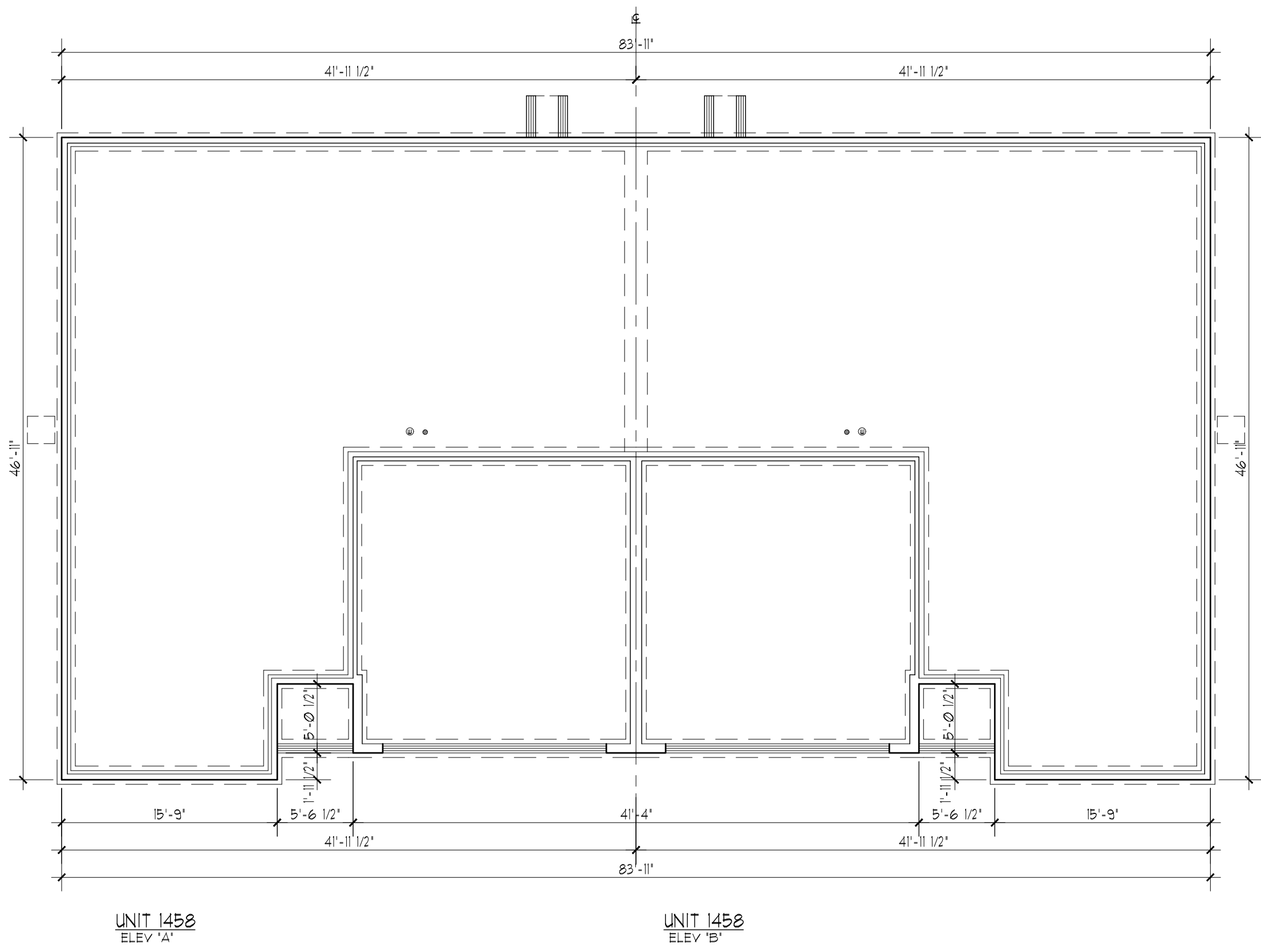
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Proj. No.:	720-606	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Drawn By:	JLK/RJW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
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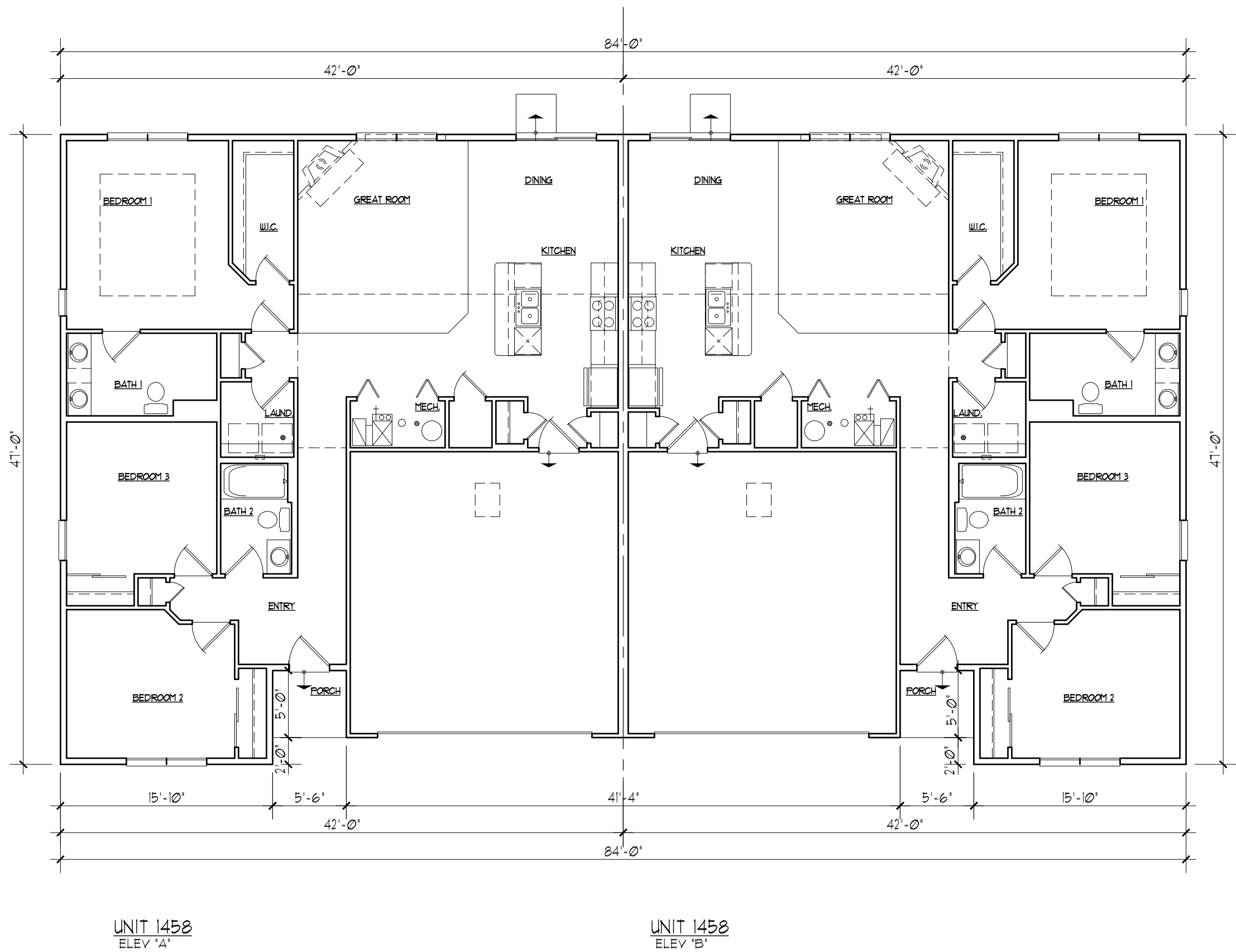
US SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
FOUNDATION & FLOOR PLANS
DUPLEX TYPE 1 (BSMT)

Sheet No.:
C1
C1.2-MMW DUPLEX



FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 2 (SLAB) (1458/A-1458/B)



MAIN FLOOR PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 2 (SLAB) (1458/A-1458/B)

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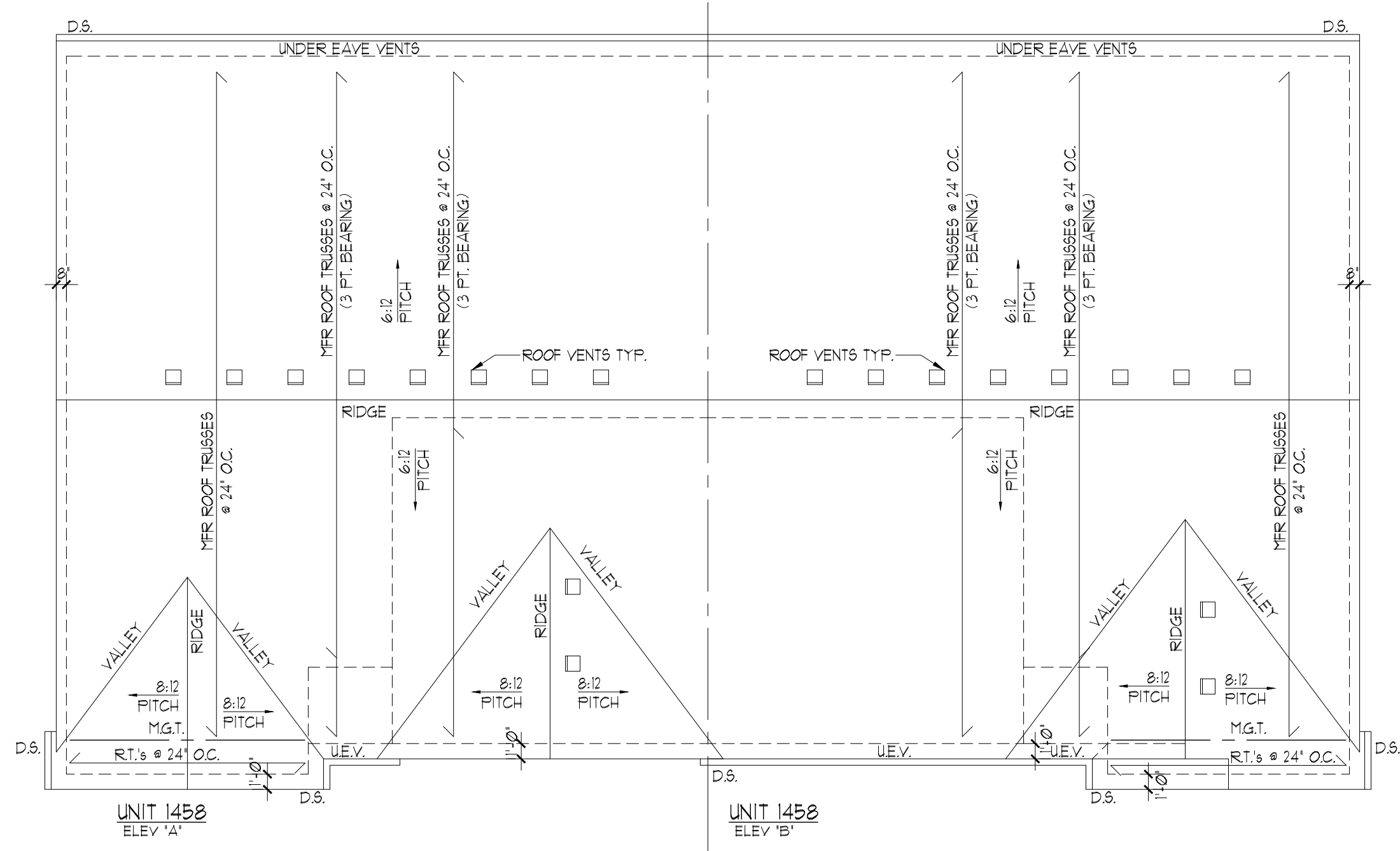
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U.S. SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
FOUNDATION & FLOOR PLANS
DUPLEX TYPE 2 (SLAB)

Sheet No.:
C1
C1_2--MMW DUPLEX

ROOF VENT	NOTES
-CONTINUOUS RIDGE VENT (18 SQUARE INCHES PER LINEAR FOOT)	- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
-SQUARE METAL ROOF VENT (9) SQ. IN. NET FREE AREA) MIN. EACH	- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
-CONTINUOUS SOFFIT VENT (9.1 SQUARE INCHES PER LINEAR FOOT)	- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
TRUSS MFR SHALL DESIGN, PROVIDE AND INSTALL ANY ANCHORAGE OF ROOF TRUSSES TO BEARING WALLS, HEADERS OR BEAMS REQUIRED TO RESIST WIND UPLIFT OR OTHER DESIGN LOADS.	- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY. REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE, SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.
ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.	
BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE	



ROOF PLAN

DUPLEX TYPE 2 (SLAB) (1458/A-1458/B)

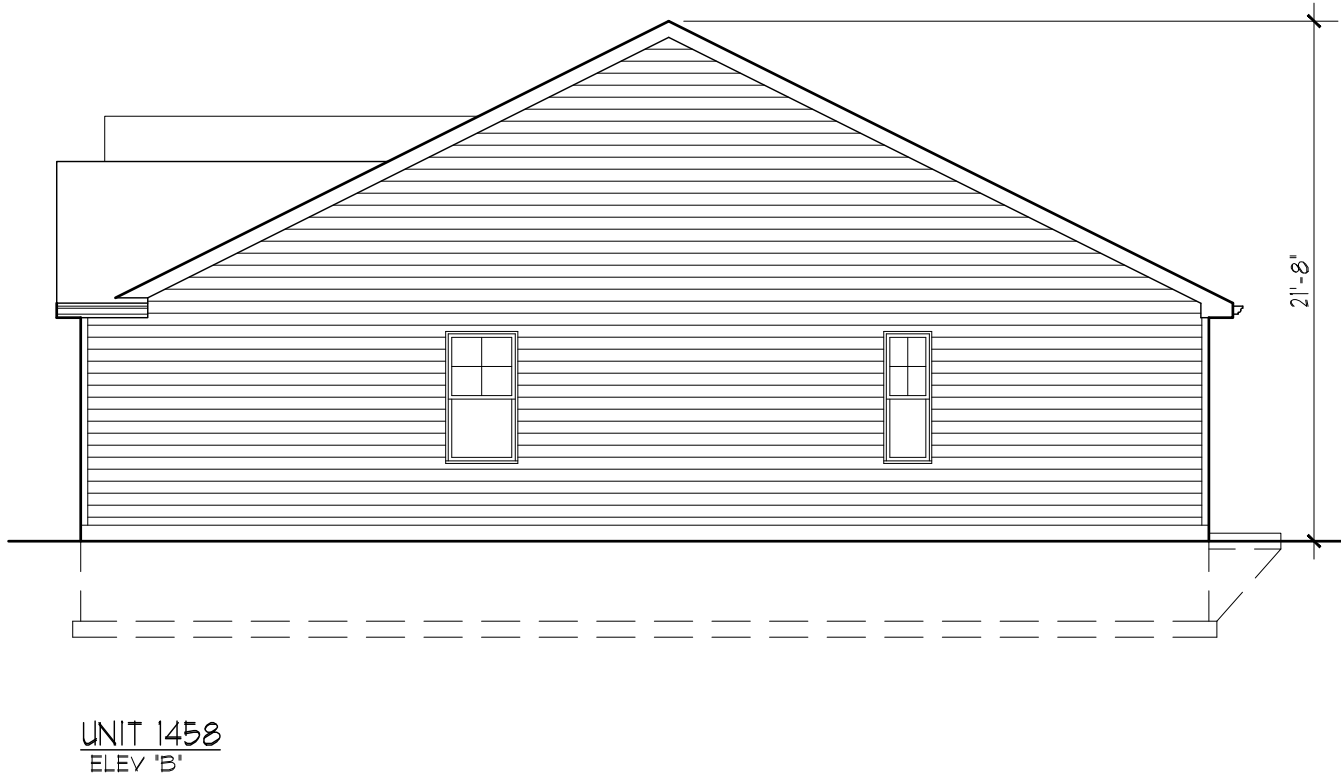
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LEFT ELEV

DUPLEX TYPE 2 (SLAB) (1458/A-1458/B)

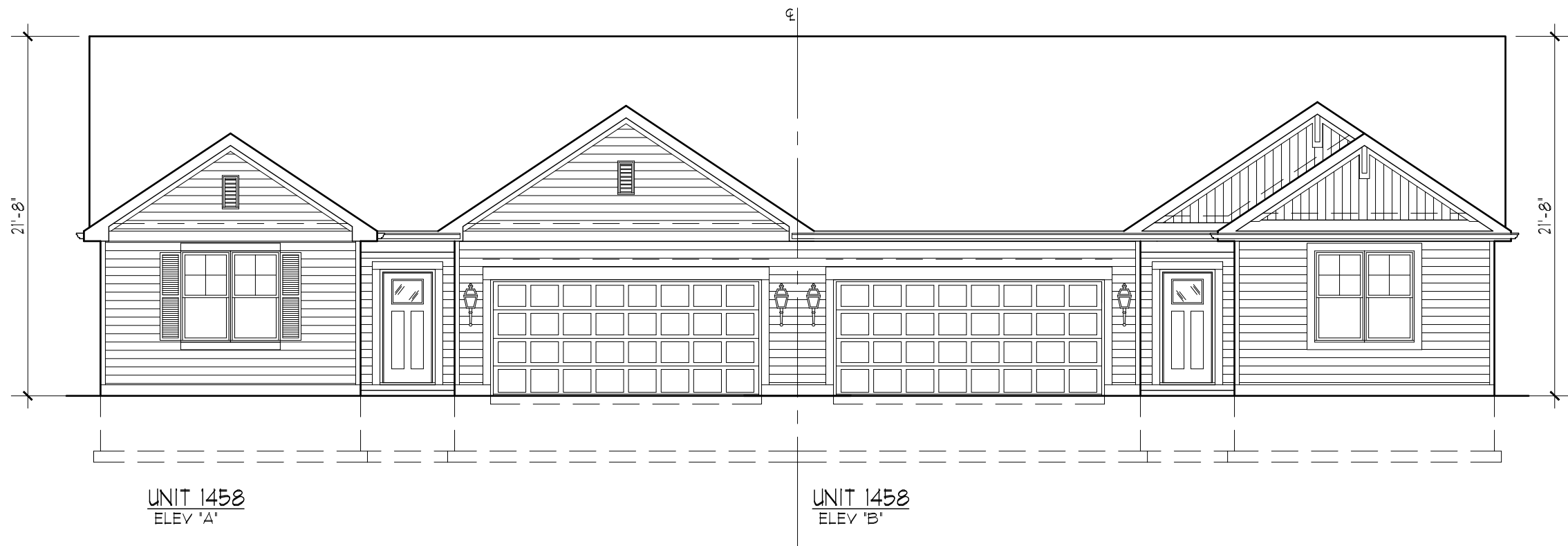
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RIGHT ELEV

DUPLEX TYPE 2 (SLAB) (1458/A-1458/B)

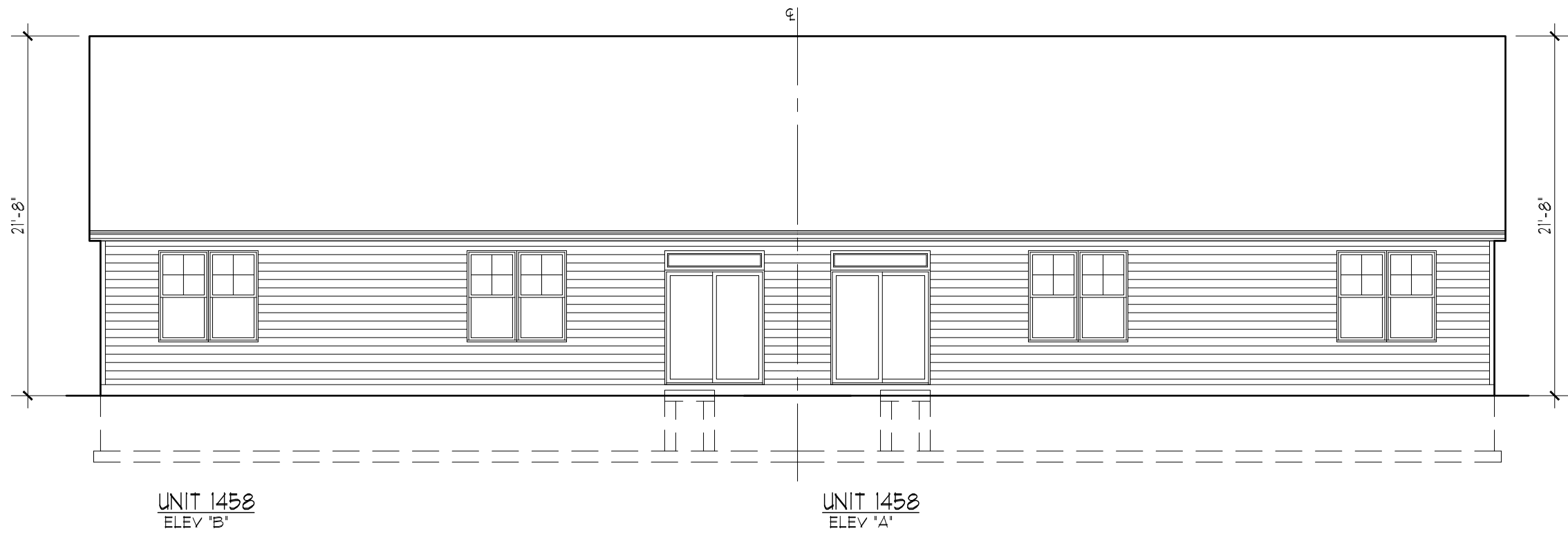
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FRONT ELEVATION

DUPLEX TYPE 2 (SLAB) (1458/A-1458/B)

SCALE: 1/8" = 1'-0"



REAR ELEVATION

DUPLEX TYPE 2 (SLAB) (1458/A-1458/B)

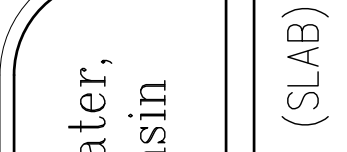
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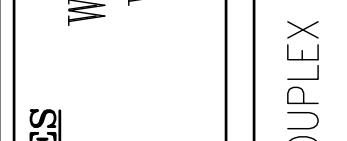
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MOUND MEADOWS SUBDIVISION



Whitewater, Wisconsin

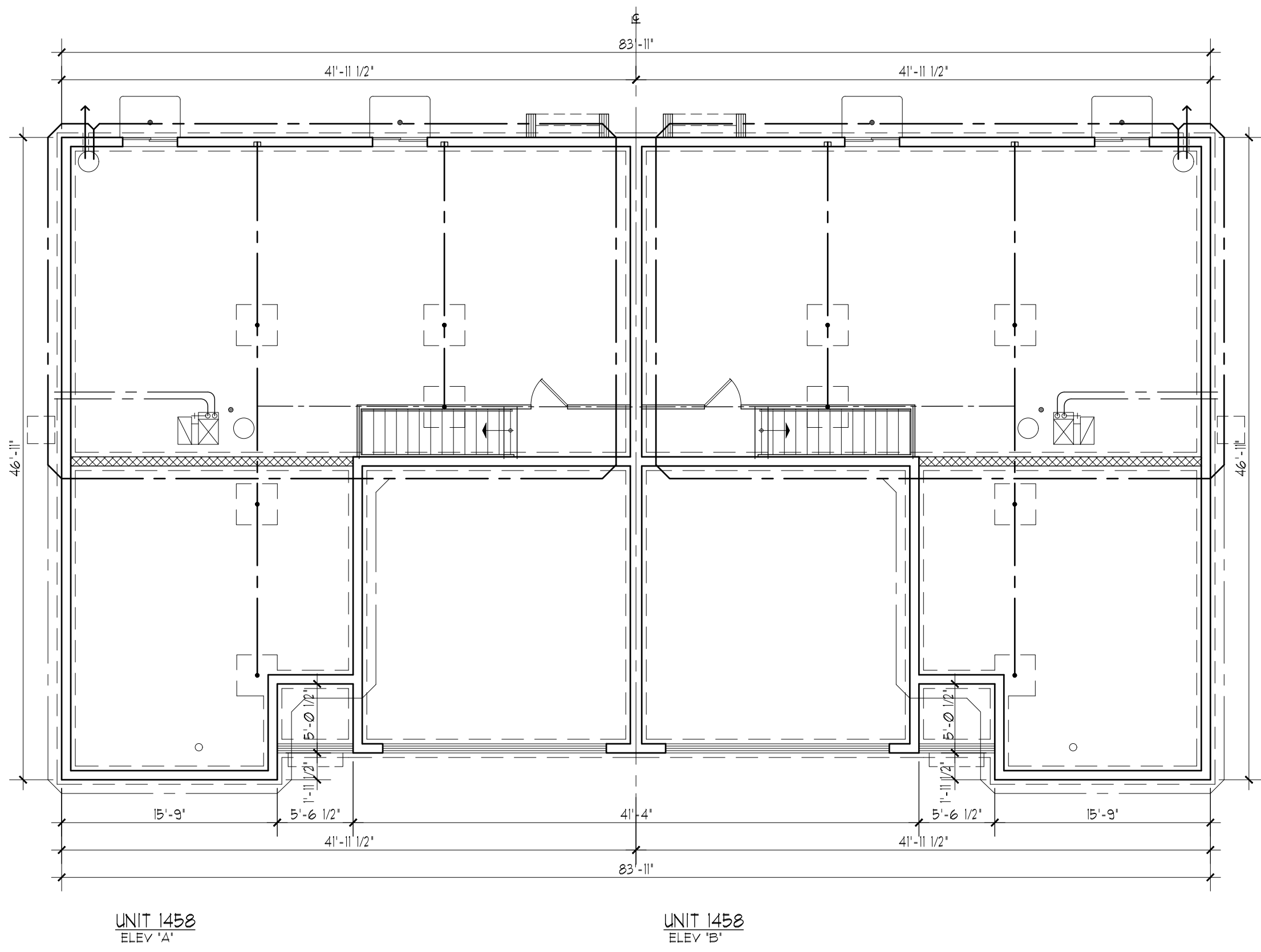
ELEVATIONS

DUPLEX TYPE 2 (SLAB)

Sheet No.:

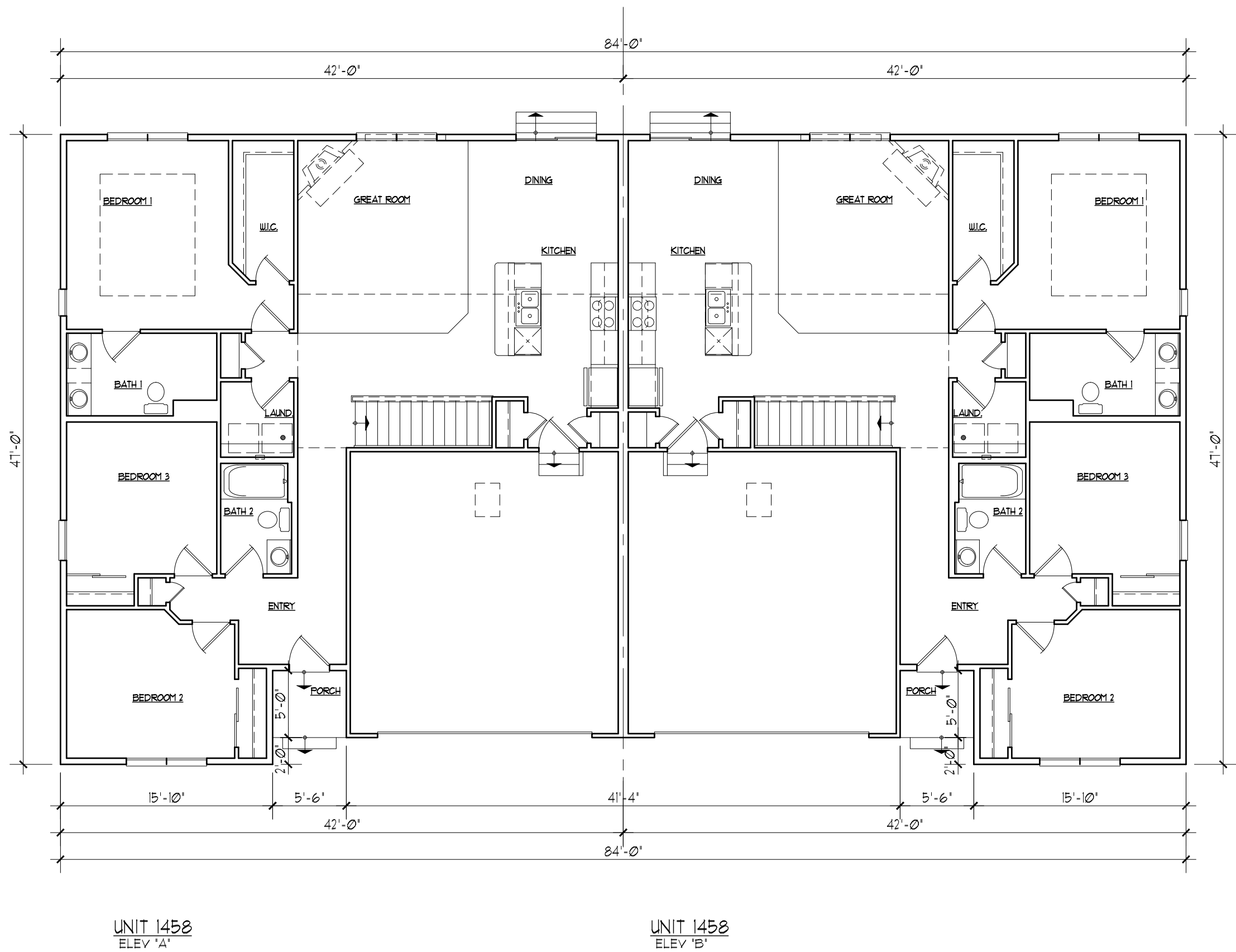
C2

C1_2-MW DUPLEX



FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 2 (BSMT) (1458/A-1458/B)



MAIN FLOOR PLAN
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 2 (BSMT) (1458/A-1458/B)

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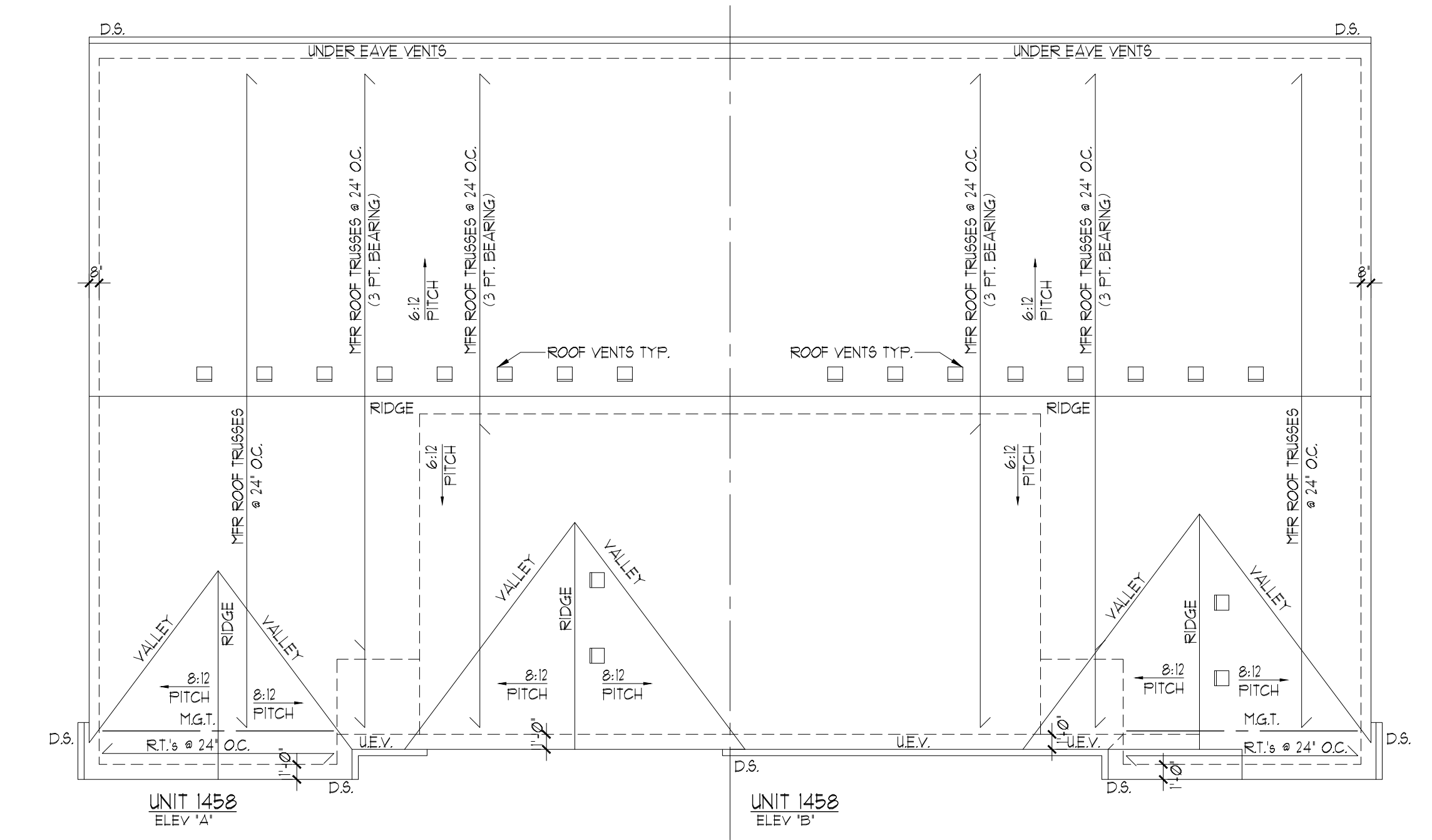
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MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
FOUNDATION & FLOOR PLANS
DUPLEX TYPE 2 (BSMT)

Sheet No.:
C1
C1_2--MMW DUPLEX

ROOF VENT	NOTES
-CONTINUOUS RIDGE VENT (18 SQUARE INCHES PER LINEAR FOOT)	- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
-SQUARE METAL ROOF VENT (9) SQ. IN. NET FREE AREA) MIN. EACH	- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
-CONTINUOUS SOFFIT VENT (9.1 SQUARE INCHES PER LINEAR FOOT)	- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
TRUSS MFR SHALL DESIGN, PROVIDE AND INSTALL ANY ANCHORAGE OF ROOF TRUSSES TO BEARING WALLS, HEADERS, OR BEAMS REQUIRED TO RESIST WIND UPLIFT OR OTHER DESIGN LOADS.	- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY. REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE, SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.
ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.	
BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE	



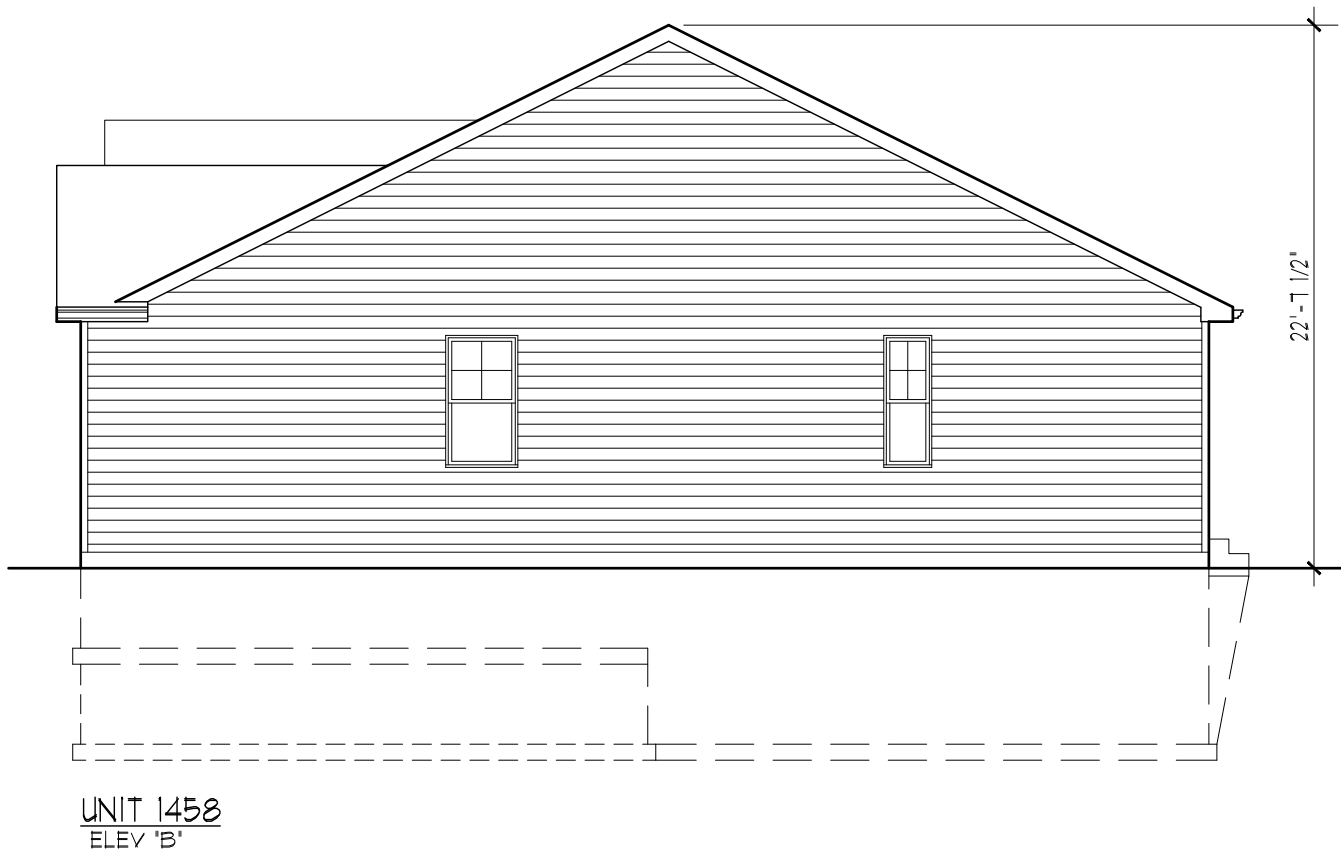
ROOF PLAN
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DUPLEX TYPE 2 (BSMT) (1458/A-1458/B)



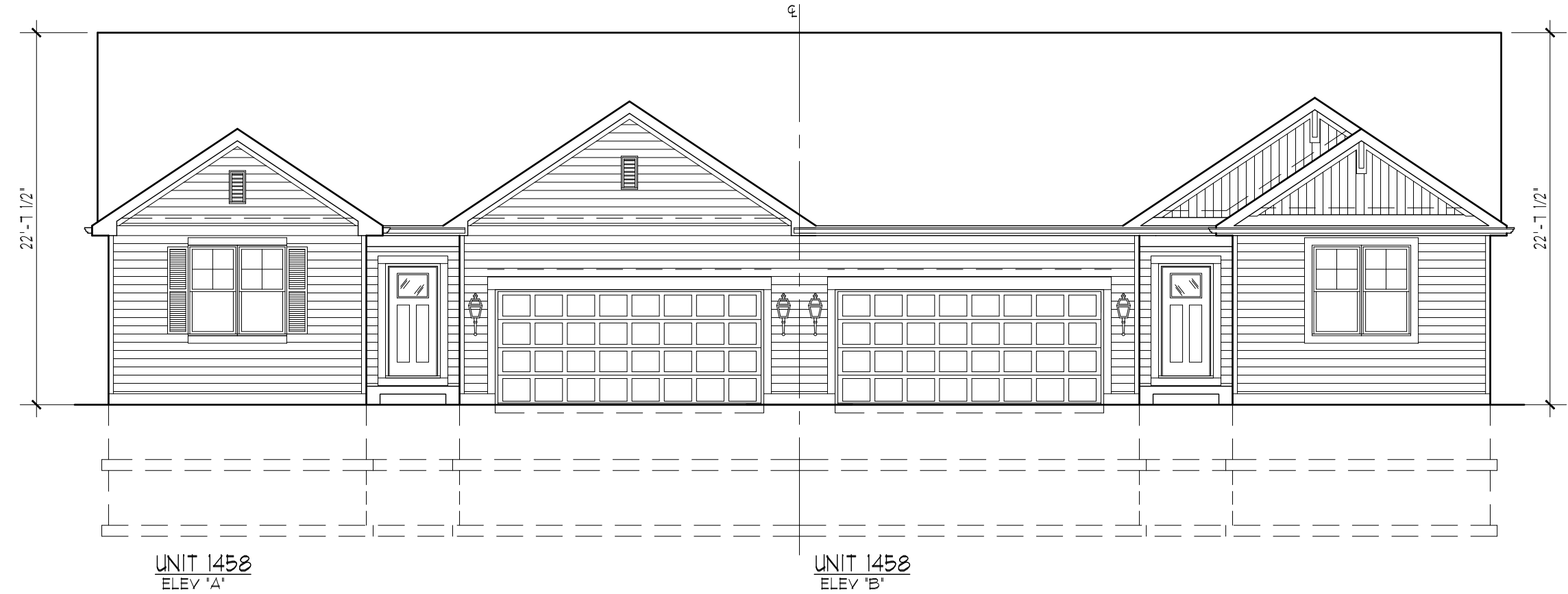
LEFT ELEV
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 2 (BSMT) (1458/A-1458/B)



RIGHT ELEV
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 2 (BSMT) (1458/A-1458/B)



FRONT ELEVATION
SCALE: 1/8" = 1'-0"

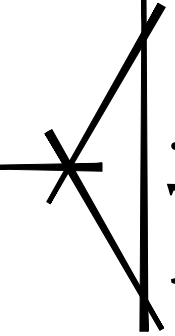
DUPLEX TYPE 2 (BSMT) (1458/A-1458/B)



REAR ELEVATION
SCALE: 1/8" = 1'-0"

DUPLEX TYPE 2 (BSMT) (1458/A-1458/B)

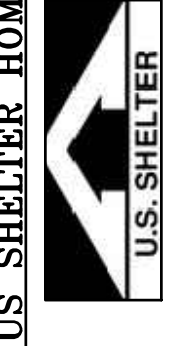
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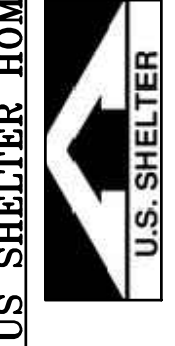
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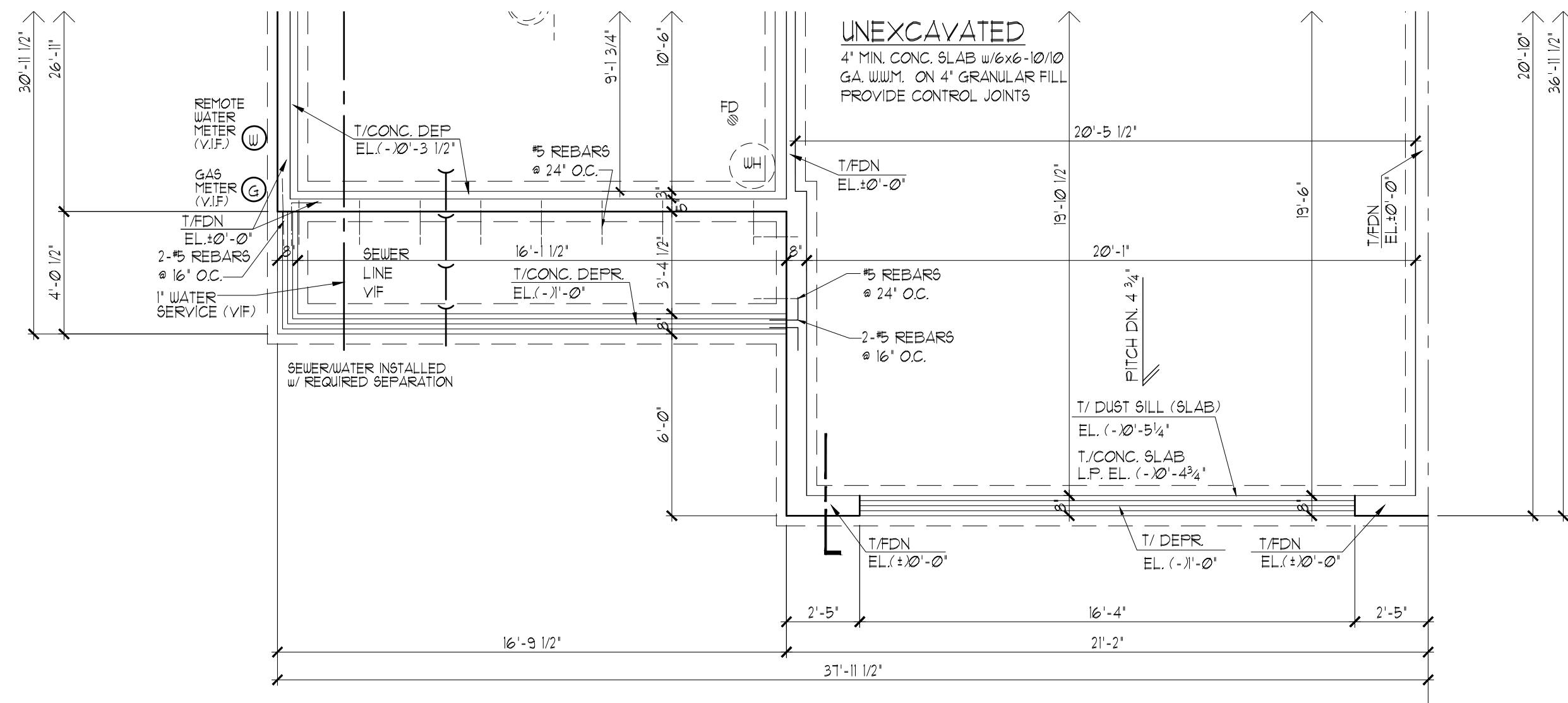
MOUND MEADOWS SUBDIVISION



Whitewater, Wisconsin

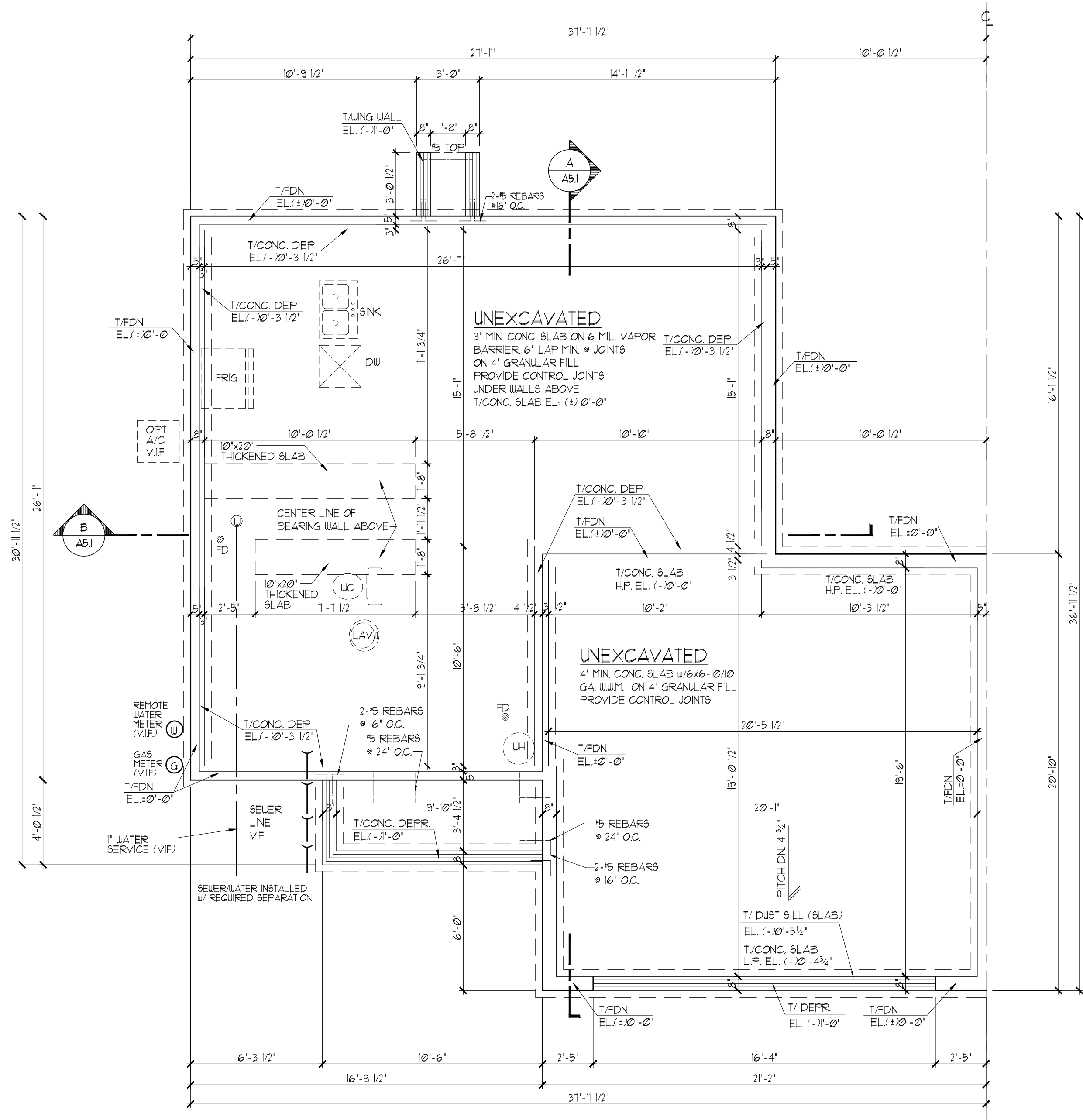
ELEVATIONS

DUPLEX TYPE 2 (BSMT)



PART'L. SLAB FOUNDATION PLAN - ELEVATION 'B'

SCALE: 1/4" = 1'-0"



SLAB FOUNDATION PLAN - ELEVATION 'A'

SCALE: 1/4" = 1'-0"

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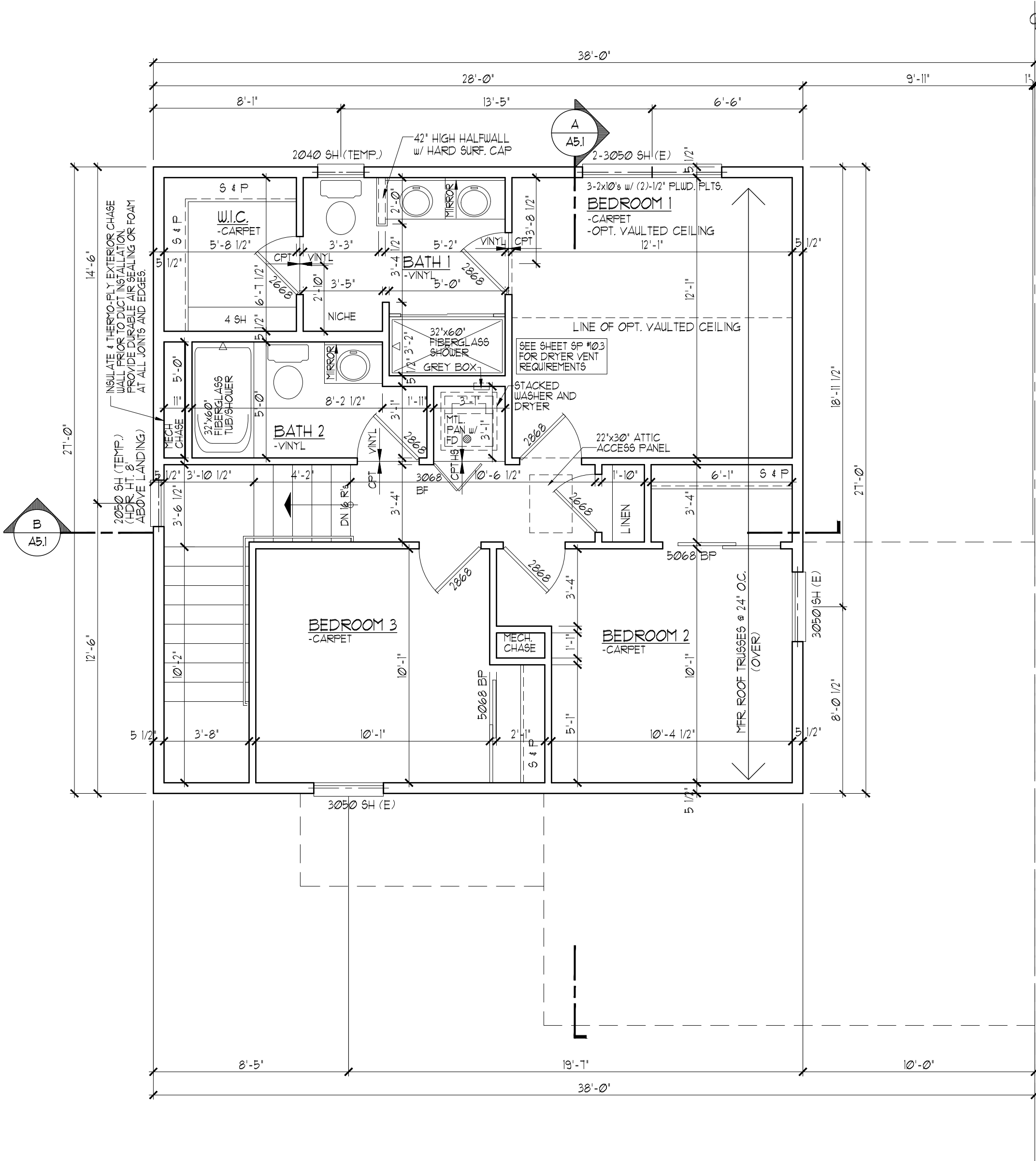
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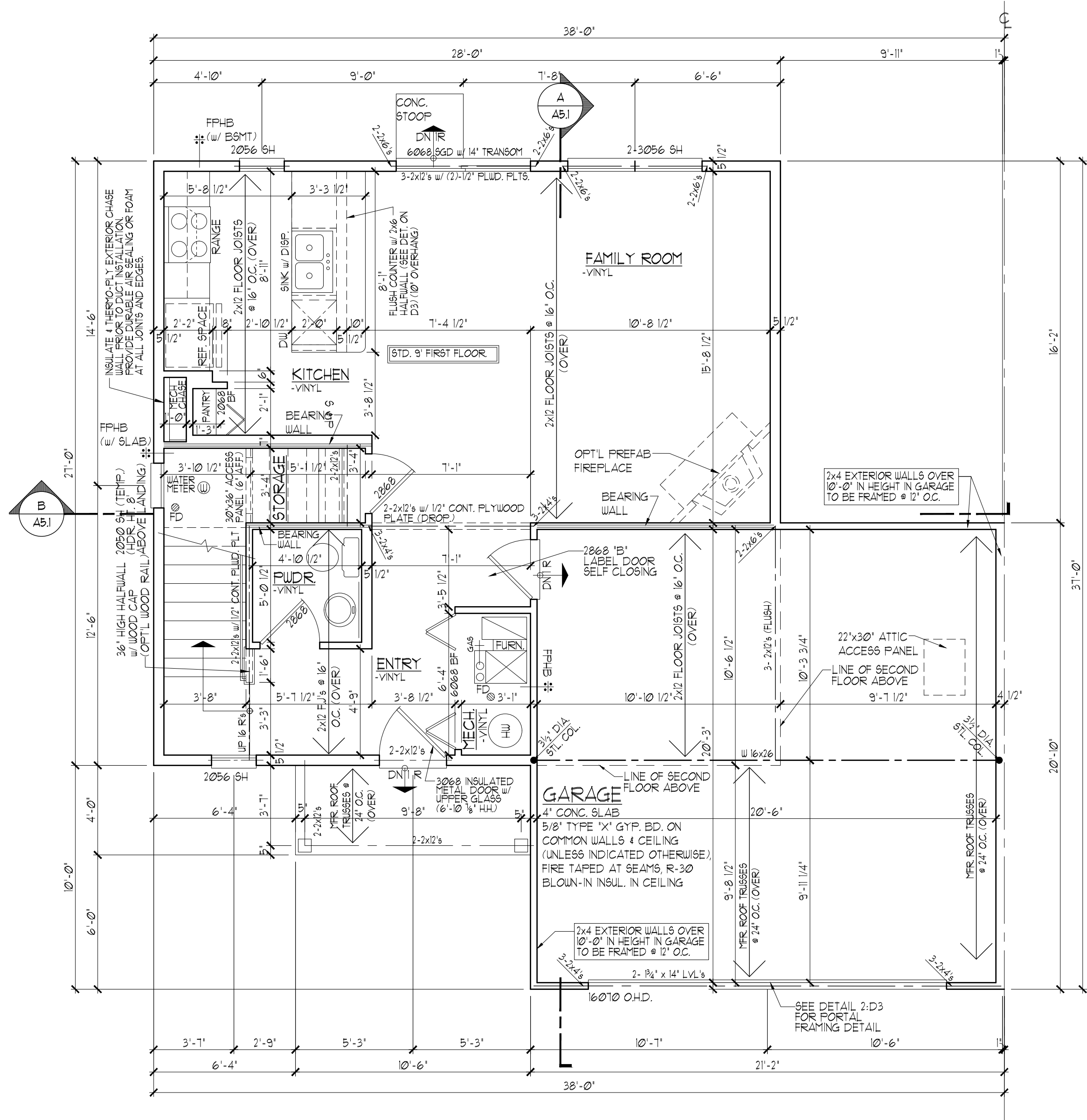
US SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
1335 PLAN
SLAB FOUNDATION PLANS

Sheet No.:
A1.1
1335-A1.1

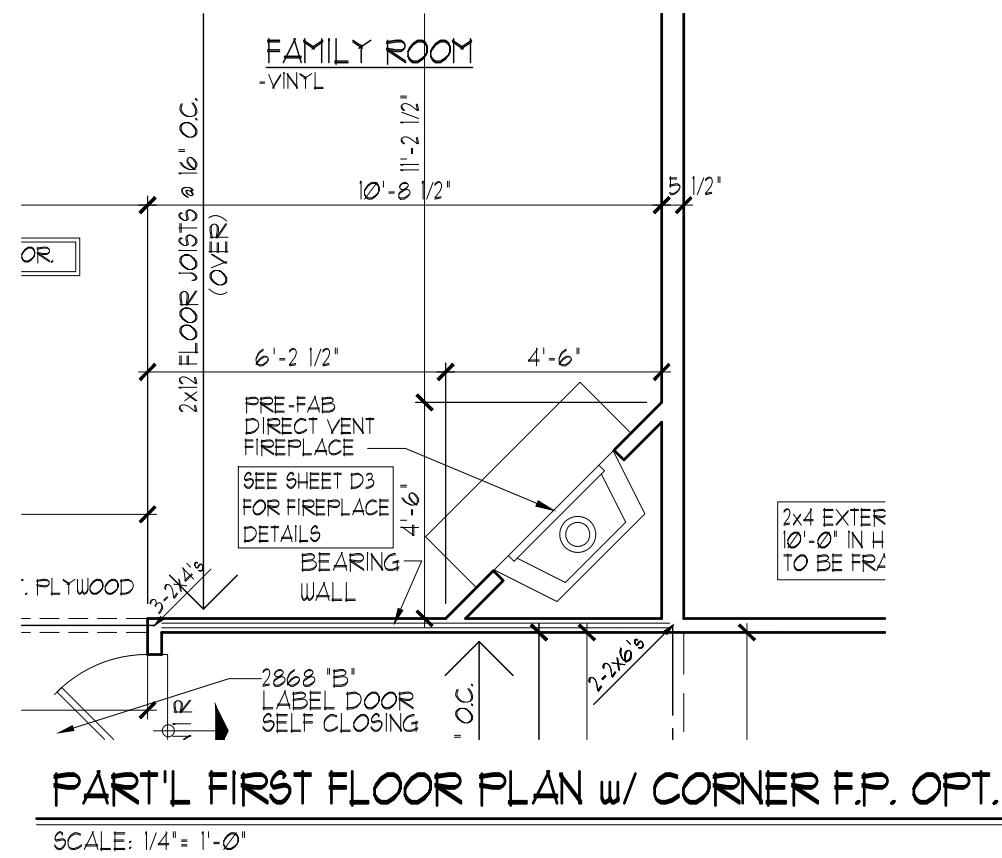
FLOOR PLAN NOTES:
-ALL FRAME WALL DIMENSIONS TO BE 3/12" TYP. UNLESS DIMENSIONED OTHERWISE.
-STANDARD DOOR HEADER HEIGHT, INCLUDING EXTERIOR DOORS, TO BE 6'-10 7/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-WINDOW HEADER HEIGHT w/ 9'-1 1/8" FIRST FLOOR TO BE 8'-0 7/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-WINDOW HEADER HEIGHT AT SECOND FLOOR TO BE 1'-0 7/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-REAR PATIO DOOR HEADER HT. TO BE 1'-10 7/8" ABOVE SUB FLOOR w/ 9'-1 1/8" FIRST FLOOR. ALL OTHER EXTERIOR DOOR TO REMAIN AT STANDARD DOOR HEADER HEIGHT.
-EXTERIOR OPENINGS TO HAVE 2-2x10's w/ 1/2" CONT. FLYW. PLATE HEADER UNLESS OTHERWISE NOTED.
-DRYWALL WRAP ALL (3) SIDES OF WINDOWS, AND PROVIDE STOOL & APRON.



SECOND FLOOR PLAN (SLAB) - ELEVATION 'A'
SCALE: 1/4" = 1'-0" 694 SQ. FT. TOTAL



FIRST FLOOR PLAN (SLAB) - ELEVATION 'A'
SCALE: 1/4" = 1'-0" 641 SQ. FT. (1335 SQ. FT. TOTAL)



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U.S. SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
1335 PLAN
FLOOR PLANS (SLAB)

ELECTRICAL KEY

- DUPLEX OUTLET
- HALF-SWITCHED DUPLEX OUTLET
- GROUND FAULT INTERRUPTER DUPLEX OUTLET
- WEATHER PROOF 4 GFI DUPLEX OUTLET
- SPECIAL PURPOSE OUTLET
- 220 VOLT OUTLET
- WALL SWITCH
- THREE-WAY SWITCH
- FOUR-WAY SWITCH
- CEILING MOUNTED INCANDESCENT LIGHT FIXTURE
- WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- PHOTOCELL ACTIVATED LIGHT FIXTURE
- CEILING MOUNTED LED LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- 'EYE BALL' LIGHT FIXTURE
- LIGHT FIXTURE WITH FULL CHAIN
- TRACK LIGHT FIXTURE
- FLUORESCENT LIGHT FIXTURE
- FLUORESCENT LIGHT FIXTURE w/ FULL CHAIN
- EXHAUST FAN
- EXHAUST FAN/LIGHT FIXTURE
- DOOR BELL RINGER
- CHIMES
- 110V, INTERCONNECTED SMOKE DETECTOR
- ELECTRIC DOOR OPERATOR
- PHONE
- THERMOSTAT
- TELEVISION
- HEAT DETECTOR
- SMART PAD
- CEILING FAN

LIGHT & VENT SCHEDULE						
ROOM NAME	AREA	LIGHT		VENT		MECH CFM
		REQ.	ACT.	REQ.	ACT.	
KITCHEN/FAMILY	381.23	30.5.0	42.32	15.25	32.95	N/A
BEDROOM 1	146.01	11.6.8	22.6.4	5.8.4	11.5.4	N/A
BEDROOM 2	113.42	9.0.1	11.32	4.5.4	5.1.1	N/A
BEDROOM 3	101.6.1	8.1.3	11.32	4.0.1	5.1.1	N/A
POUNDER	24.58	N/A	N/A	N/A	N/A	36.81
BATH 1	66.91	N/A	5.2.3	N/A	2.6.9	100.31
BATH 2	46.95	N/A	N/A	N/A	N/A	10.43
BASEMENT	5.10	11.4.0	16.0.0	11.4.0	16.0.0	N/A

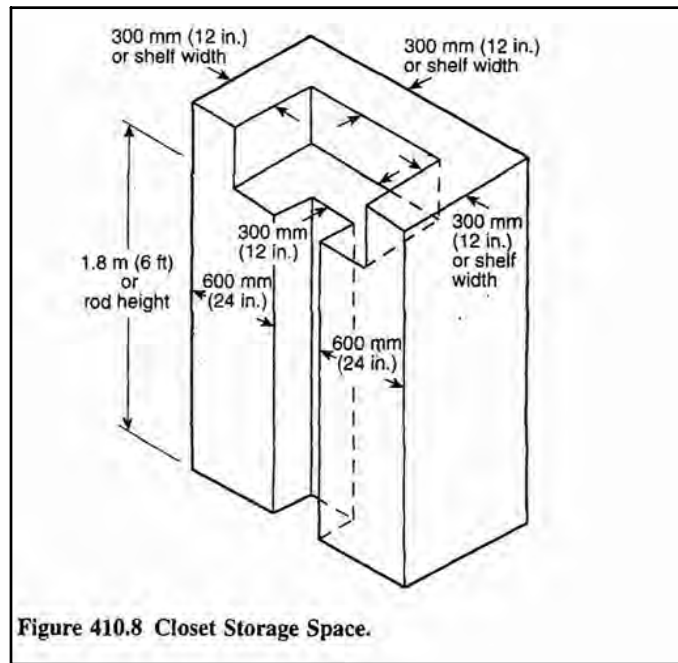


Figure 410.8 Closet Storage Space.

CLEARANCES FOR CLOSET LIGHTING

*ALL CLOSET LIGHTING FIXTURES TO HAVE A COMPLETELY ENCLOSED LAMP.

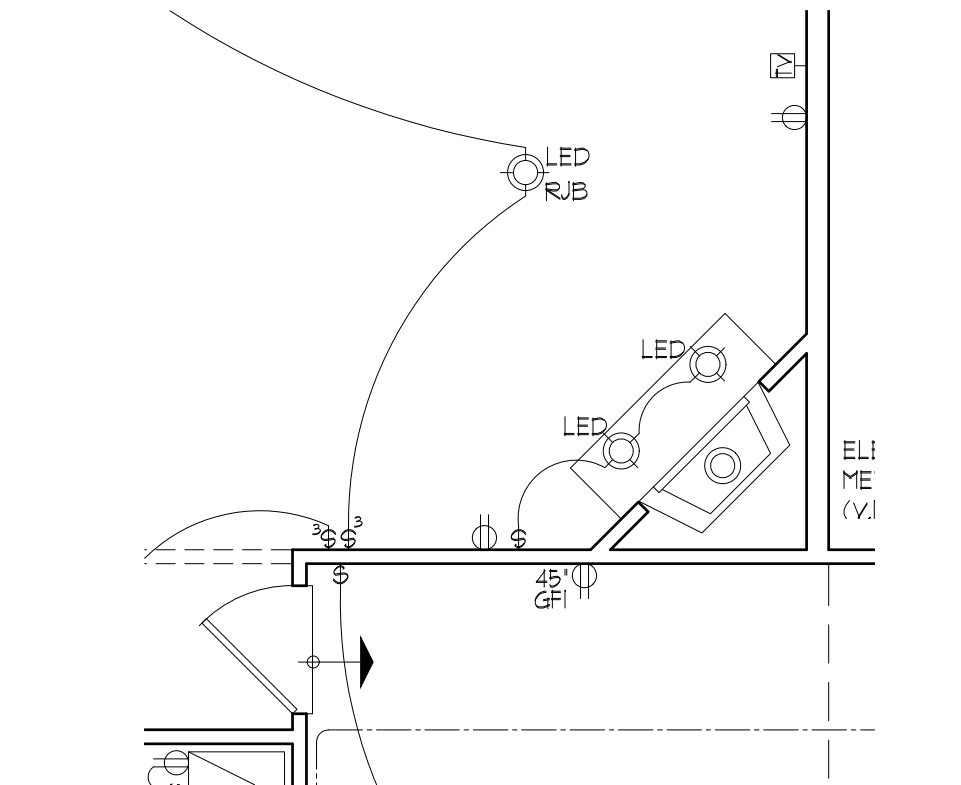
SECOND FLOOR ELECTRICAL PLAN (SLAB)

SCALE: 1/4" = 1'-0"

PROVIDE COMBINATION TYPE AFCI BREAKERS FOR ALL CIRCUITS IN ALL HABITABLE ROOMS EXCEPT BATHROOMS & GARAGES.

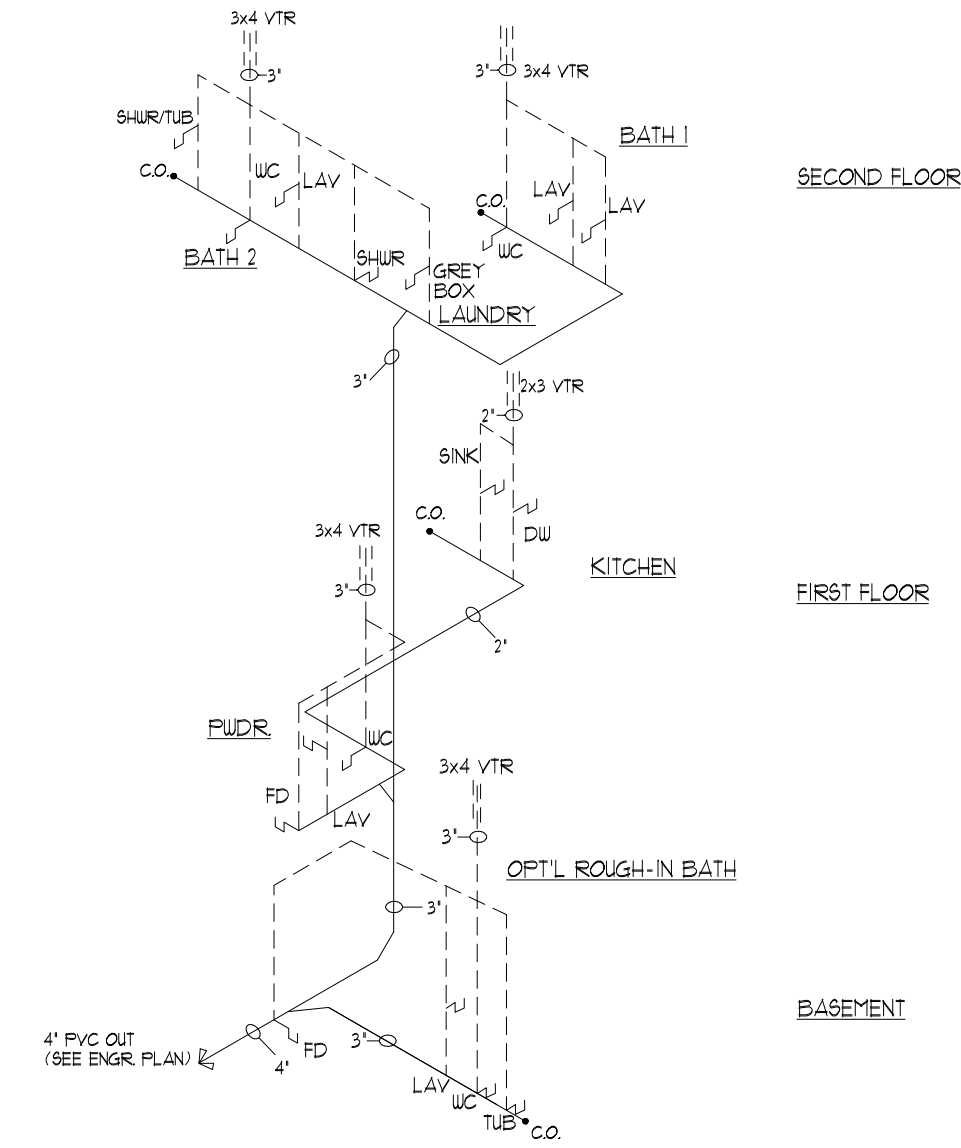
FIRST FLOOR ELECTRICAL PLAN (SLAB)

SCALE: 1/4" = 1'-0"



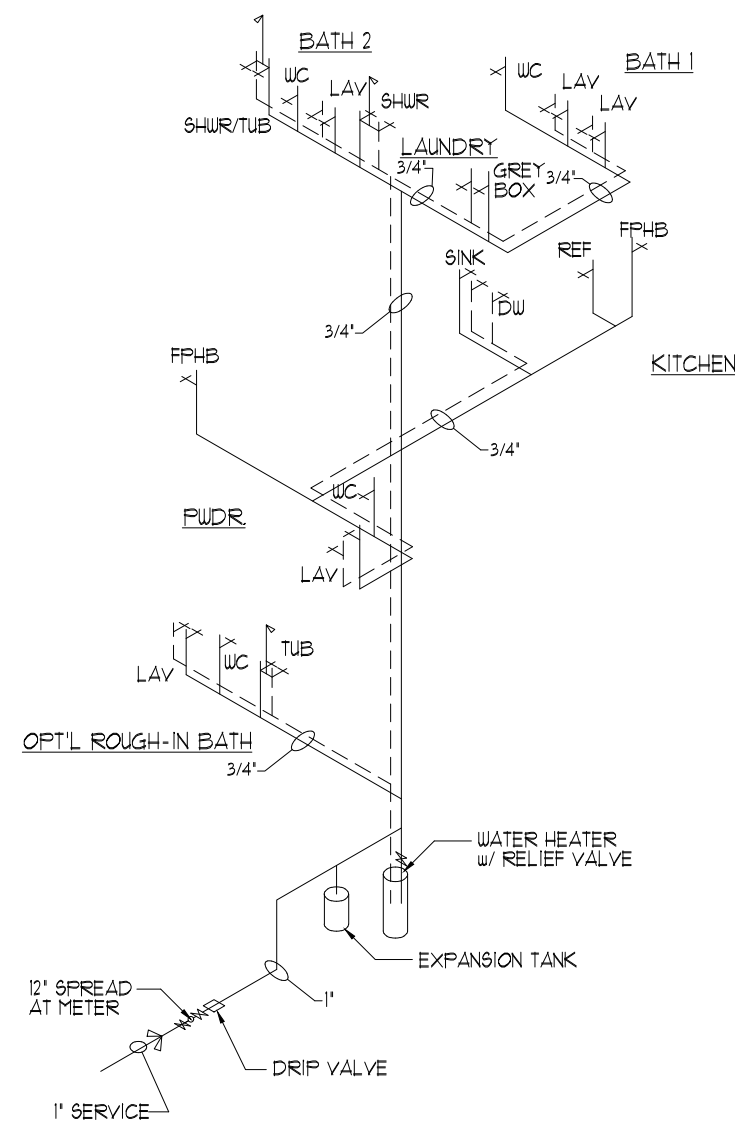
PART'L FIRST FLOOR PLAN w/ CORNER F.P. OPT.

SCALE: 1/4" = 1'-0"



WASTE PIPING DIAGRAM

SCALE: NOT TO SCALE



WATER SUPPLY RISER DIAGRAM

SCALE: NOT TO SCALE

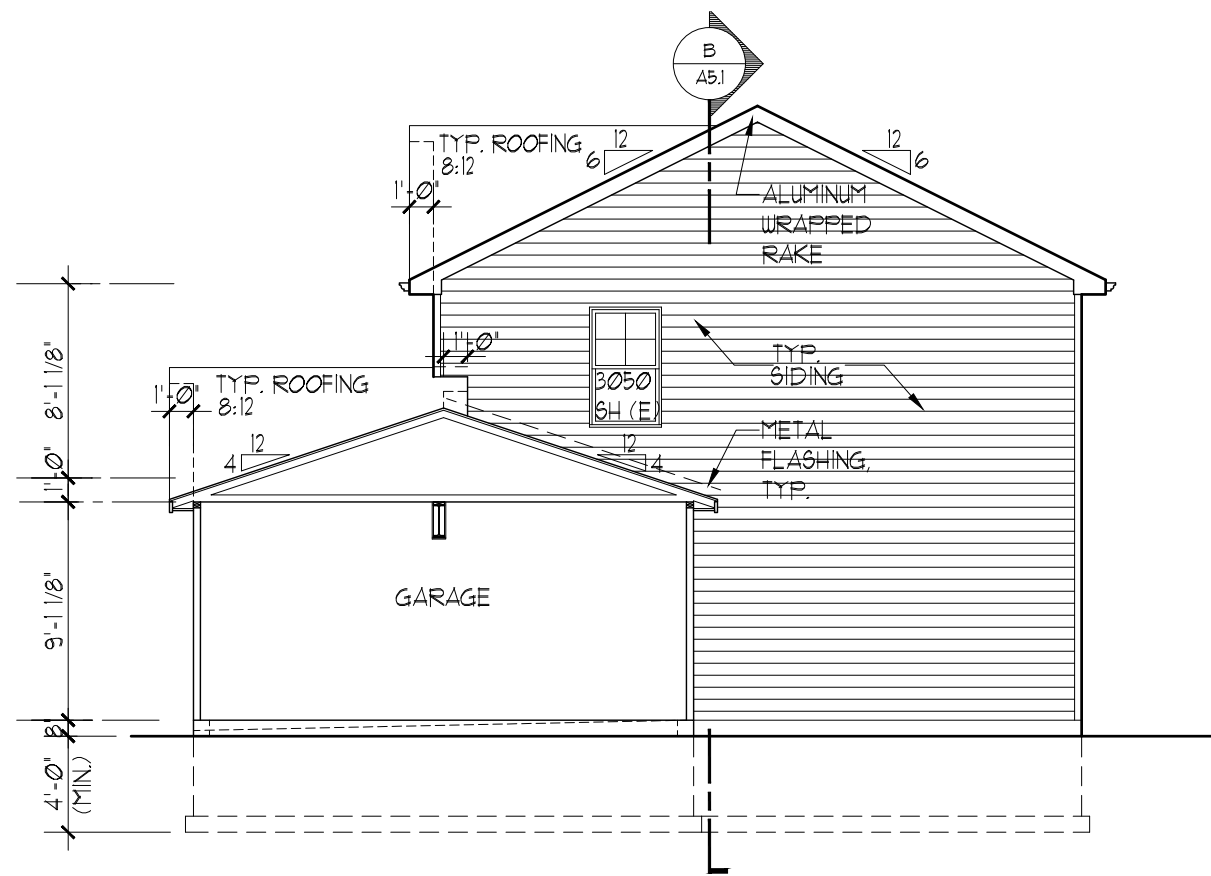
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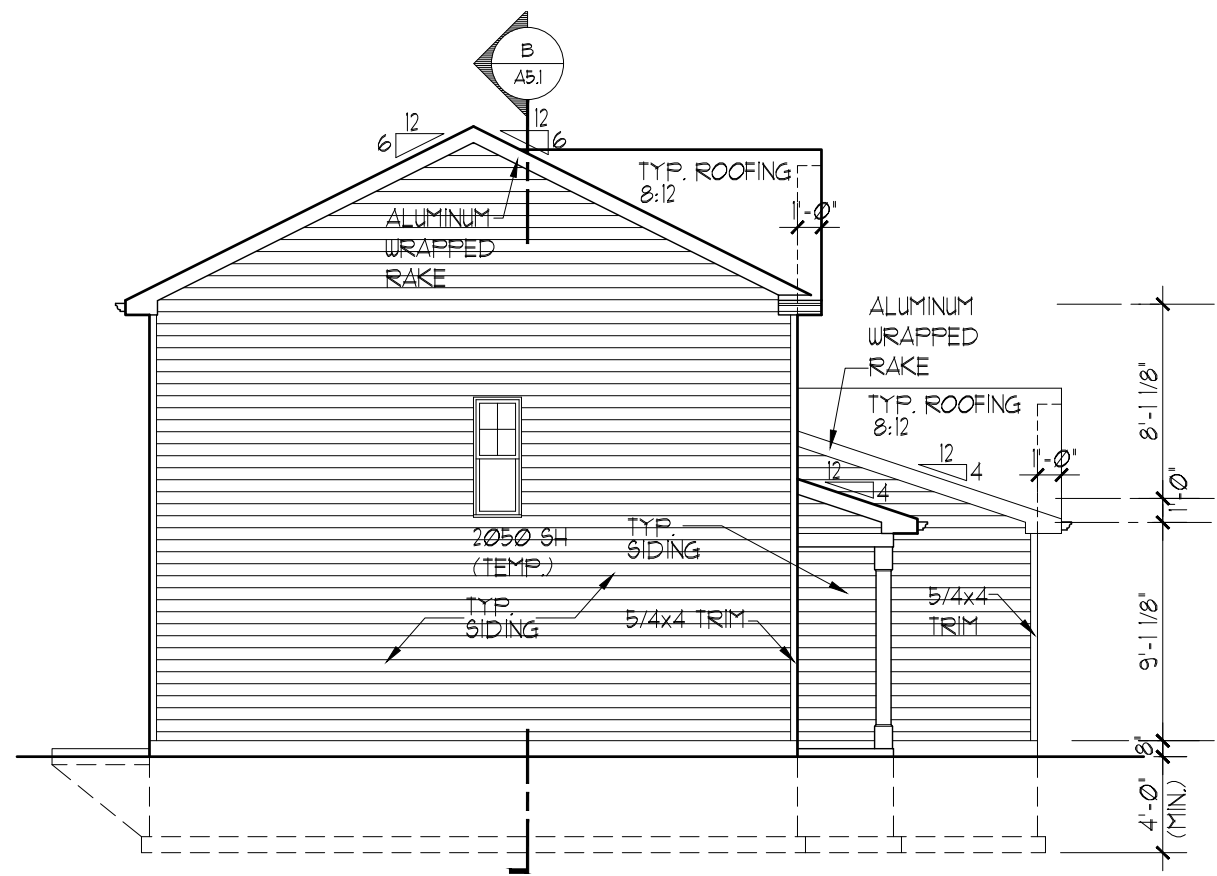
US SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
1335 PLAN
ELECTRICAL FLOOR PLANS (SLAB)

Sheet No.:
A3.1
1335-A3.1



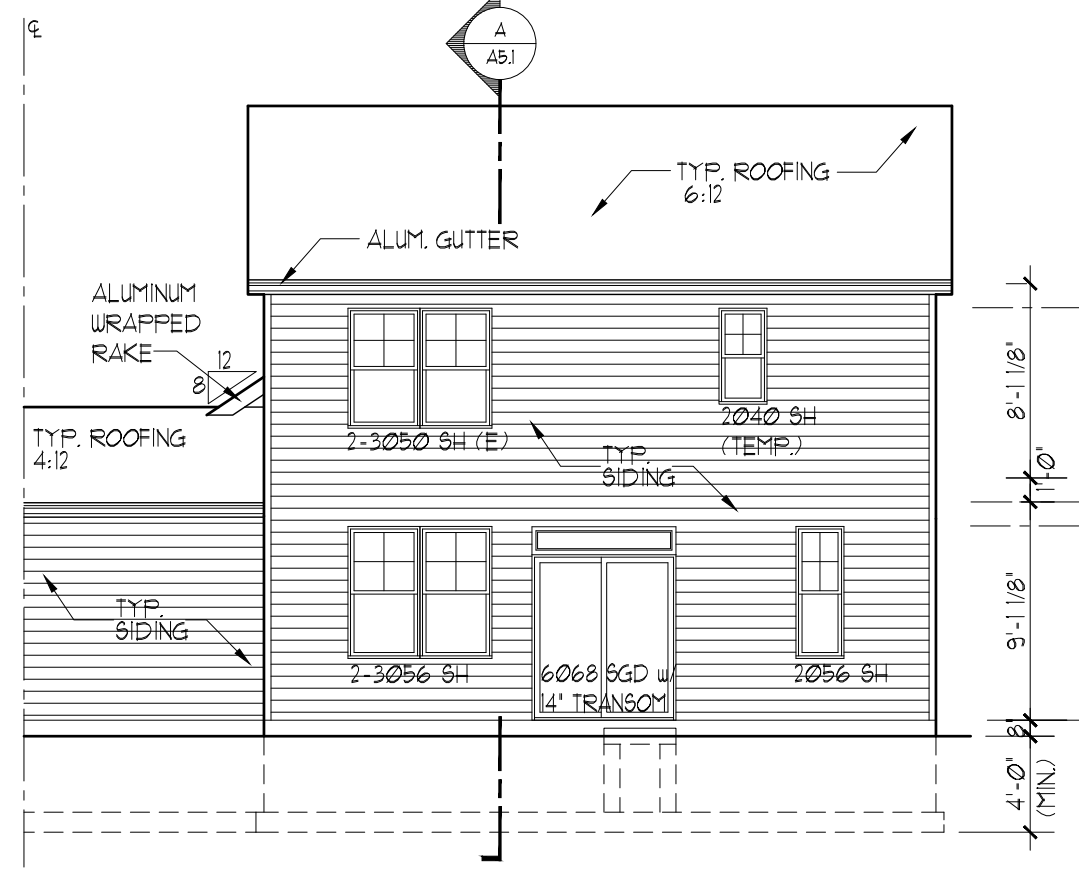
PARTY WALL SIDE ELEVATION

SCALE: 1/8" = 1'-0"



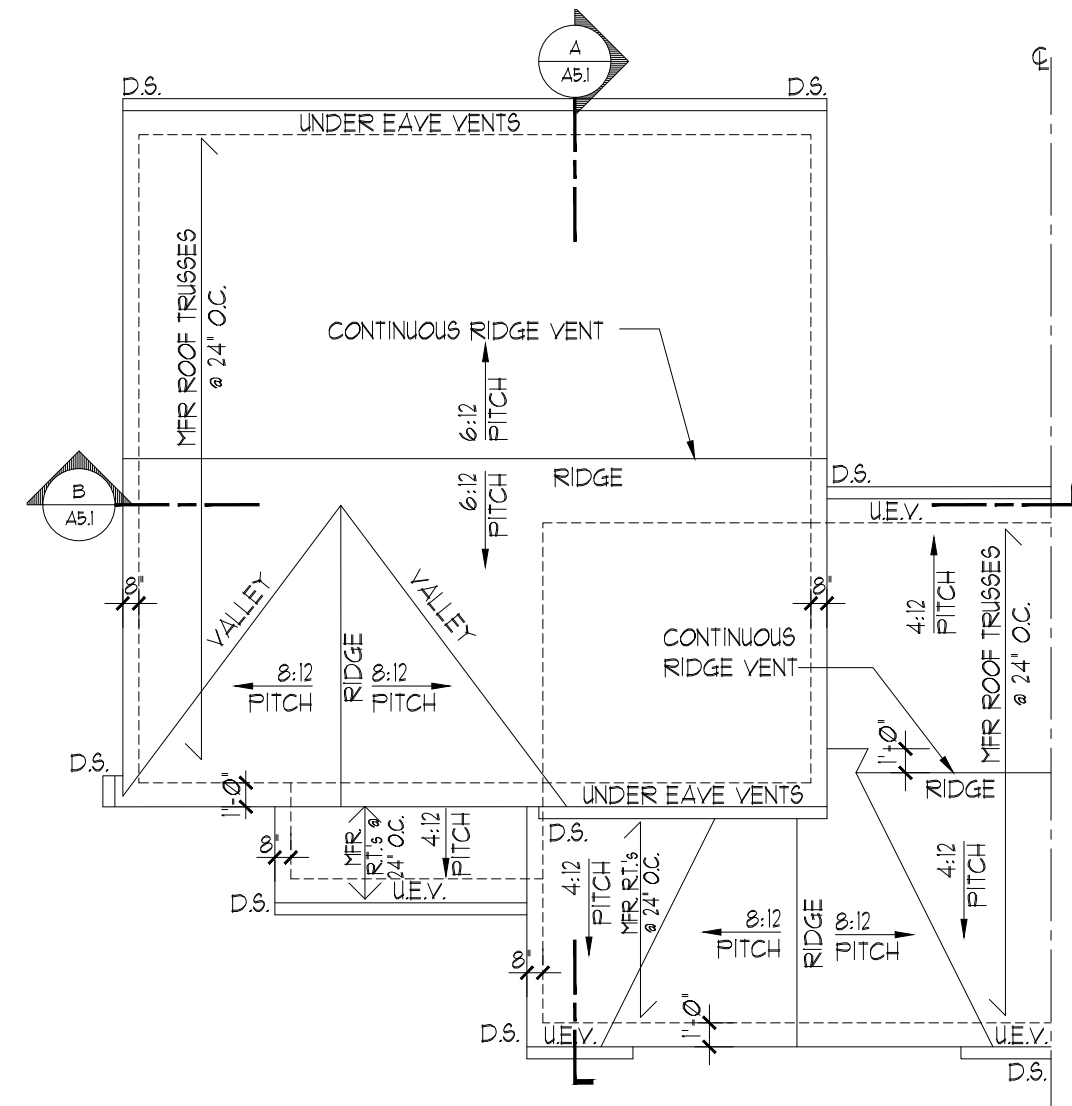
SIDE ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

SCALE: 1/8" = 1'-0"



ROOF VENT

- CONTINUOUS RIDGE VENT (18 SQUARE INCHES PER LINEAR FOOT)
- SQUARE METAL ROOF VENT (51 SQ. IN. NET FREE AREA) MIN. EACH
- CONTINUOUS SOFFIT VENT (8.1 SQUARE INCHES PER LINEAR FOOT)

NOTES

- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY. REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE. SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.

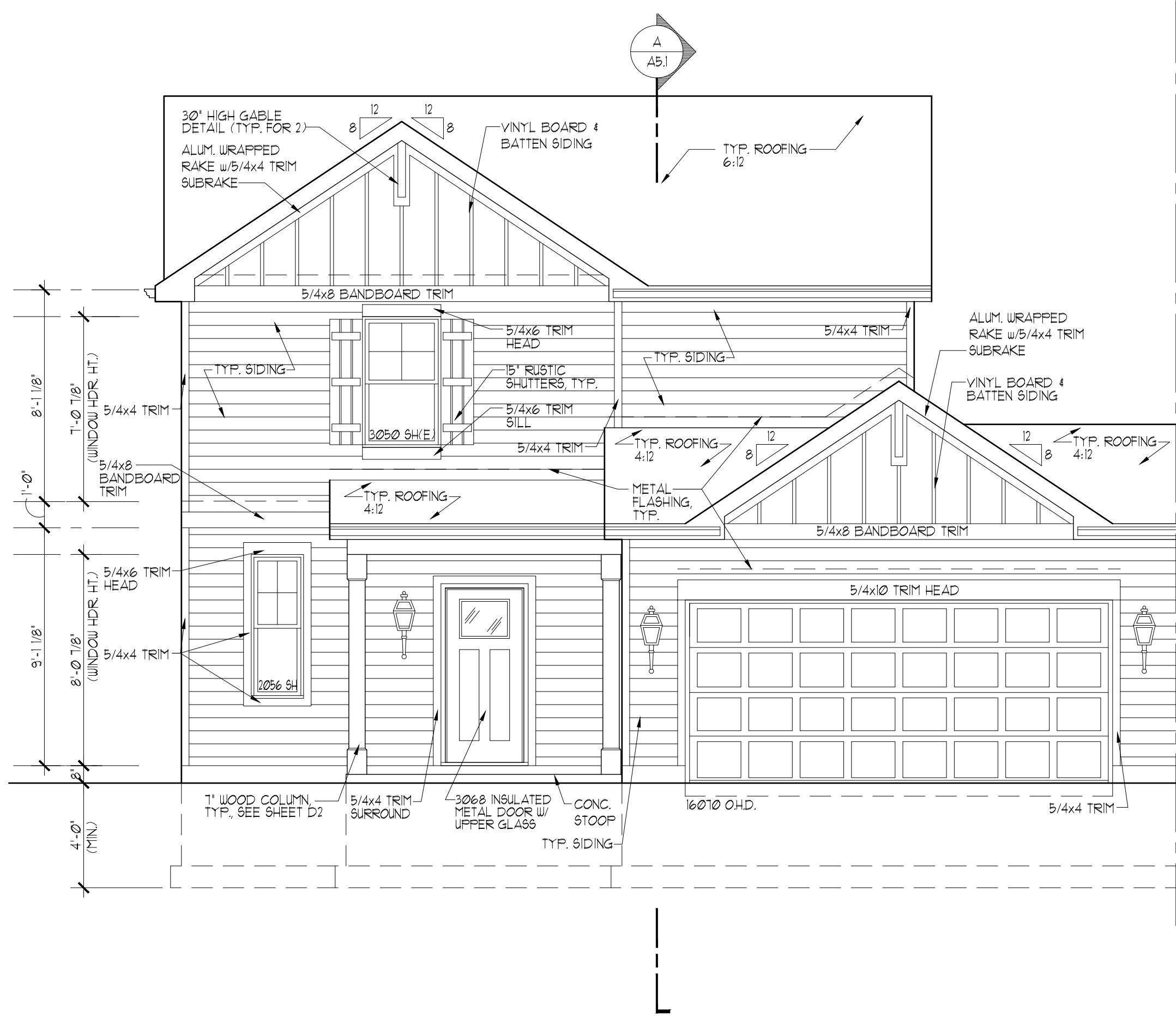
TRUSS MFR SHALL DESIGN, PROVIDE AND INSTALL ANY ANCHORAGE OF ROOF TRUSSES TO BEARING WALLS, HEADERS, OR BEAMS REQUIRED TO RESIST WIND UPLIFT OR OTHER DESIGN LOADS.

ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.

BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE

ROOF PLAN

SCALE: 1/8" = 1'-0"



FRONT ELEVATION 'A' (SLAB)

SCALE: 1/4" = 1'-0"

STANDARD ELEVATION NOTES

- 25 YEAR CLASS 'A' FIBERGLASS SHINGLES-TYPICAL ALL ROOFS
- SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS
- ALUMINUM FLASHING OVER ALL WINDOWS, DOORS AND WOOD TRIM
- ALUMINUM FLASHING AT ALL ROOF AND WALL INTERSECTIONS
- ALL SHUTTERS ARE LOUVERED, PANELED, or RUSTIC AS NOTED PER ELEVATION
- SEE DETAILS ON SHEET D1 FOR RAKE & EAVE DETAILS.
- VINYL CORNERS ON REAR
- FRONT ELEVATION CORNERS TO BE 5/4x4-5/4x4, SEE DETAIL ON SHEET D1)
- WINDOW TRIM PER ELEVATIONS
- 3/4x4 LP 'SMART TRIM' & WINDOW JAMBES w/O SHUTTERS AT FRONT (ONLY IF SHOWN)
- 3/4x4 LP 'SMART TRIM' & WINDOW SILLS AT FRONT (ONLY IF SHOWN)
- WINDOW HEADS AS NOTED PER ELEVATION
- ALUMINUM POT VENTS TO MATCH ROOF - TYP.
- FOR BRICK ELEVATIONS, PROVIDE 4" STONE SILLS UNDER FRONT DOOR AND WINDOWS
- PROVIDE STEEL LINTEL ABOVE WINDOWS AND DOOR WITH BRICK PER LINTEL SCHEDULE.
- PRECAST STONE LINTEL ABOVE WINDOWS (UNLESS OTHERWISE INDICATED)
- FOR ELEVATIONS WITH BRICK WAINSCOT, PROVIDE 4" STONE CAP.

WINDOW MANUFACTURER TO VERIFY 5.1 SQ. FT. OPENING FOR EGRESS WINDOW

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8	9	10	11	12	13	14

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US SHELTER HOMES

MOOND MEADOWS SUBDIVISION

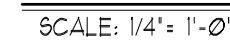
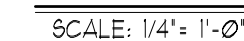
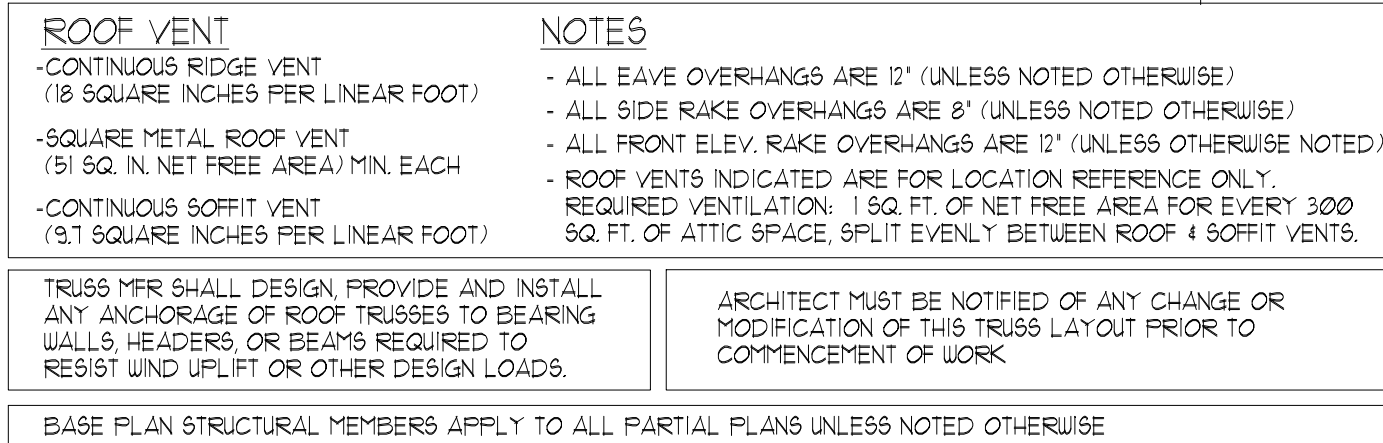
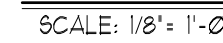
Whitewater, Wisconsin

1335 PLAN

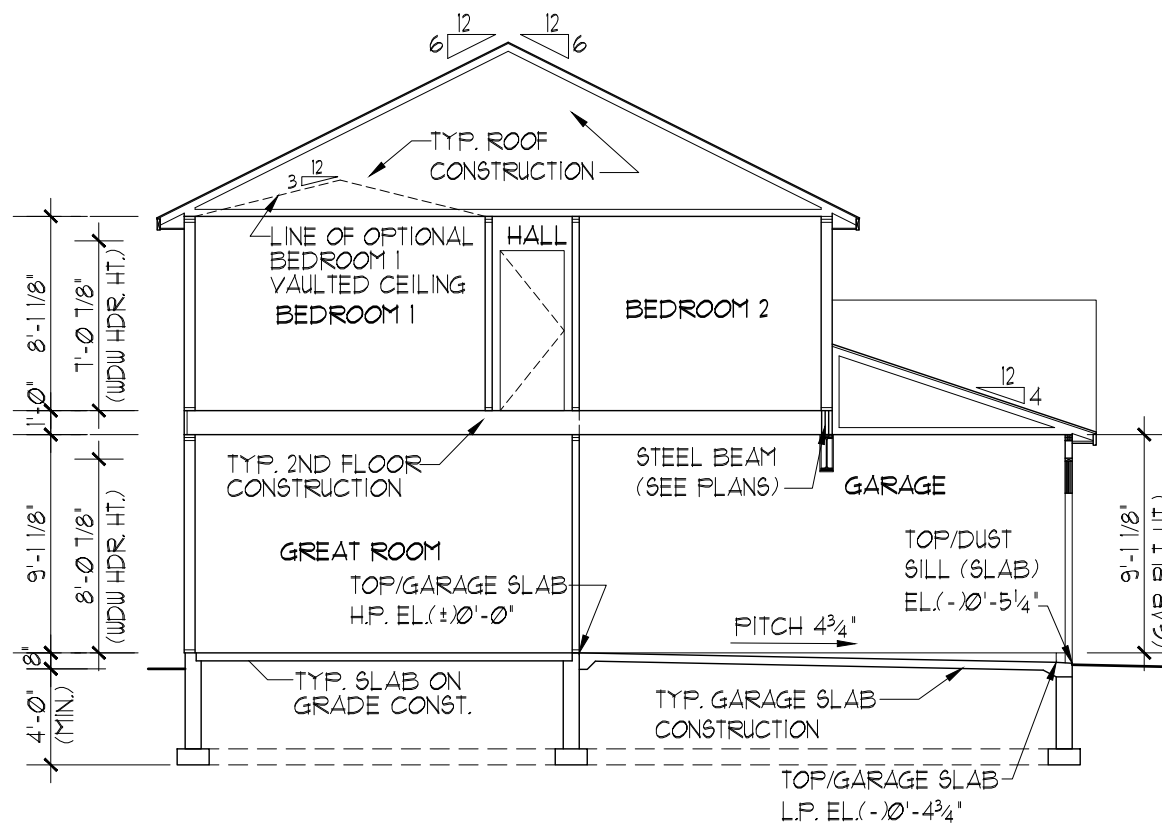
ELEVATION "A" (SLAB)

Sheet No.:

A4.1

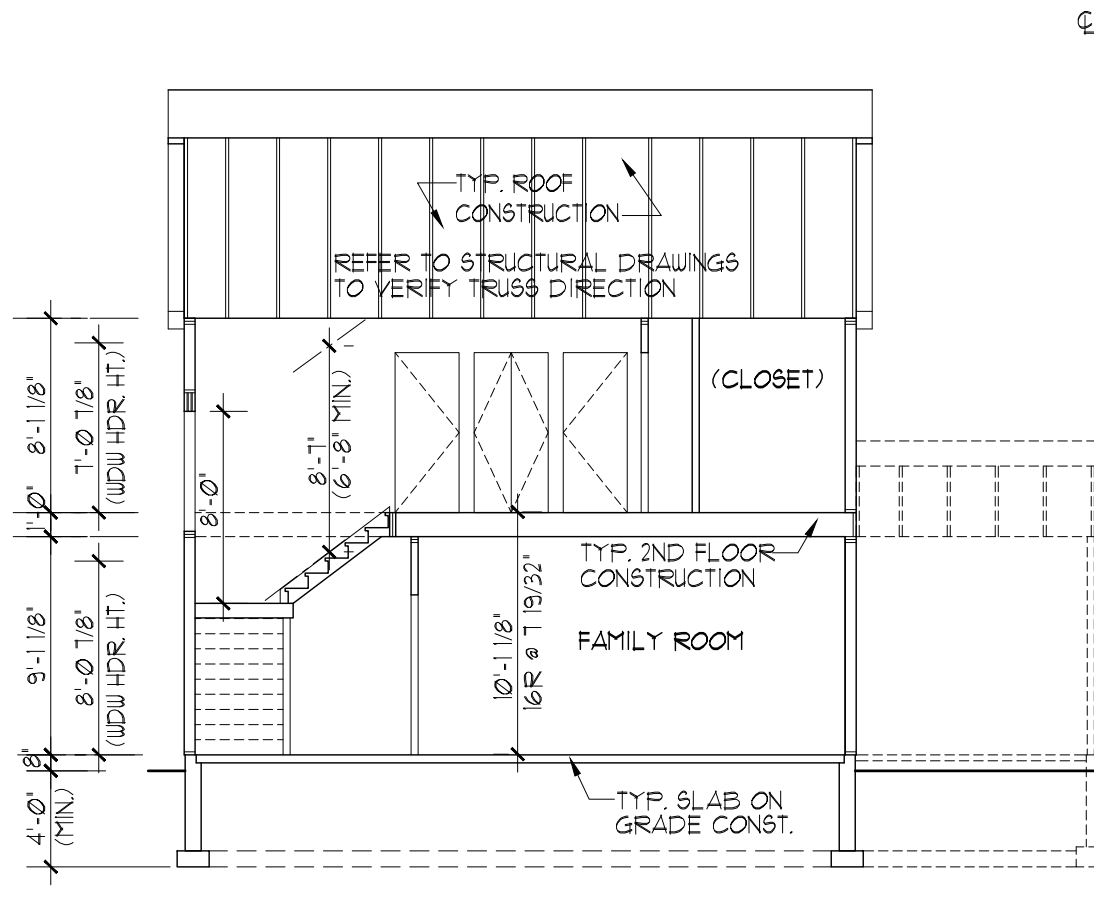


WINDOW MANUFACTURER TO VERIFY 5.7 SQ. FT. OPENING FOR EGRESS WINDOW



BUILDING SECTION 'A' - SLAB w/ 9' FIRST FLOOR

SCALE: 1/8" = 1'-0"



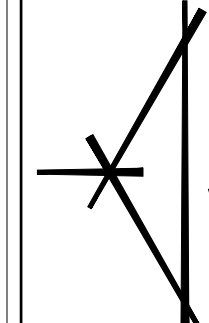
BUILDING SECTION 'B' - SLAB w/ 9' FIRST FLOOR

SCALE: 1/8" = 1'-0"

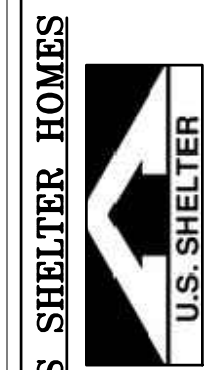
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7	14	21

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U.S. SHELTER HOMES

Whitewater,
Wisconsin

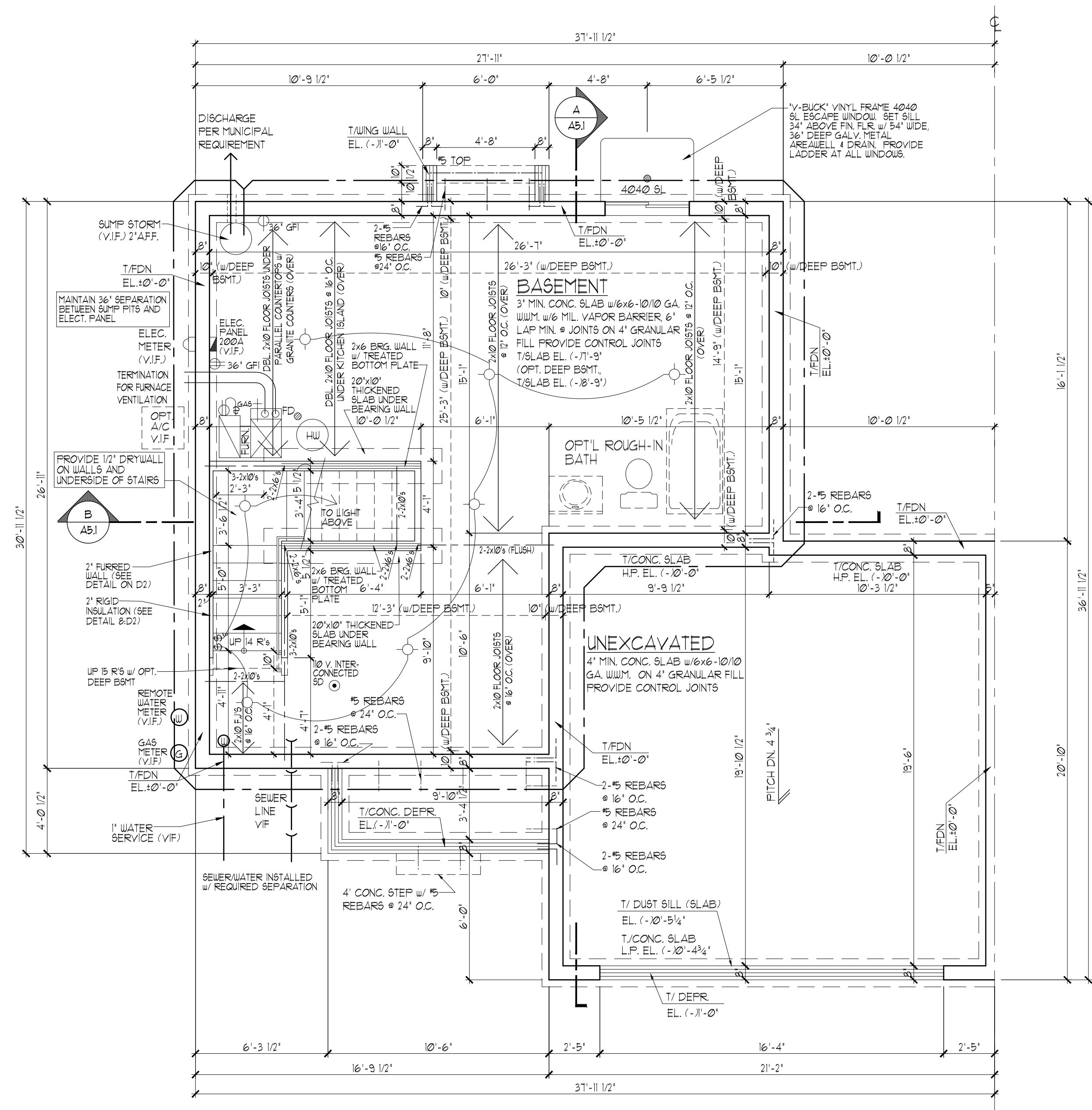
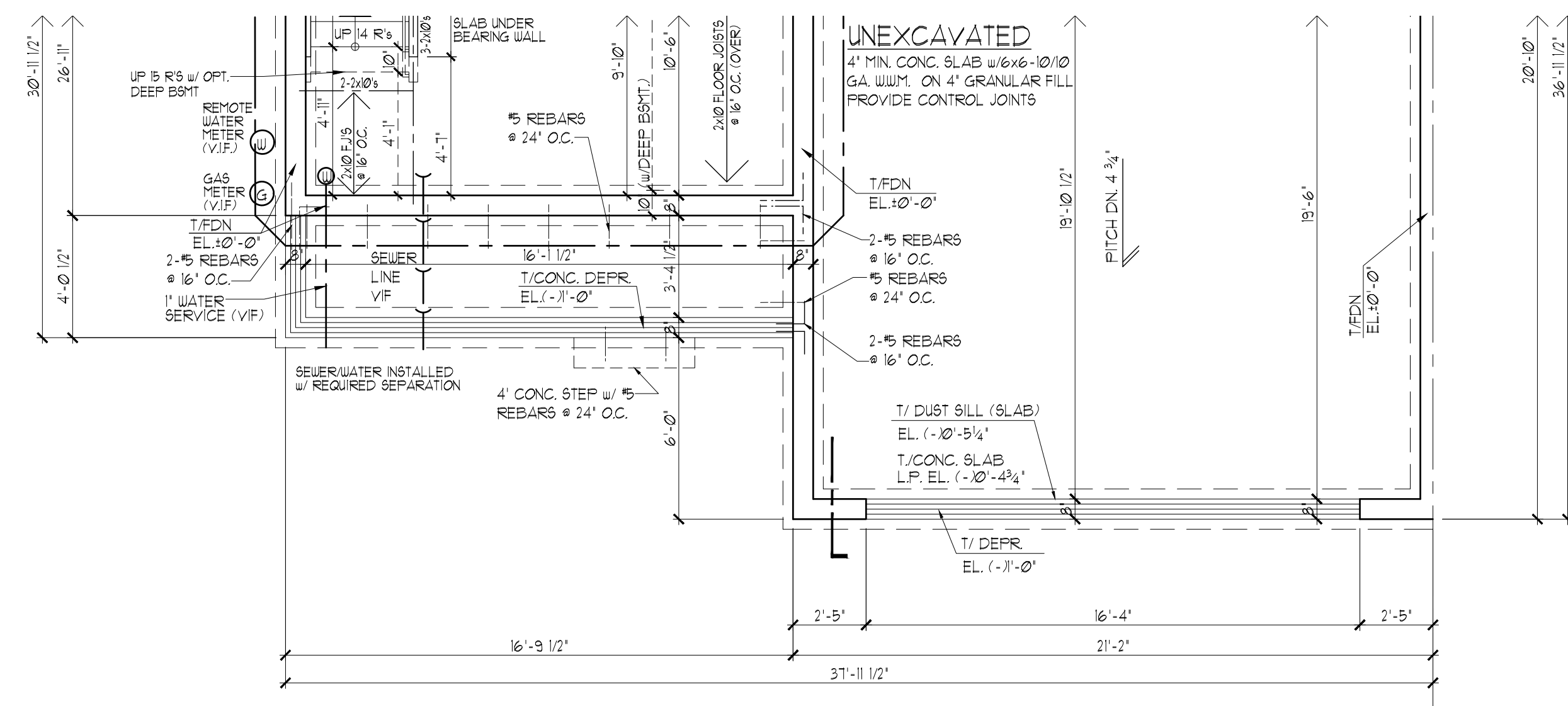
MOOND
MEADOWS
SUBDIVISION

1335 PLAN

Sheet No.:

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1335-A5.1



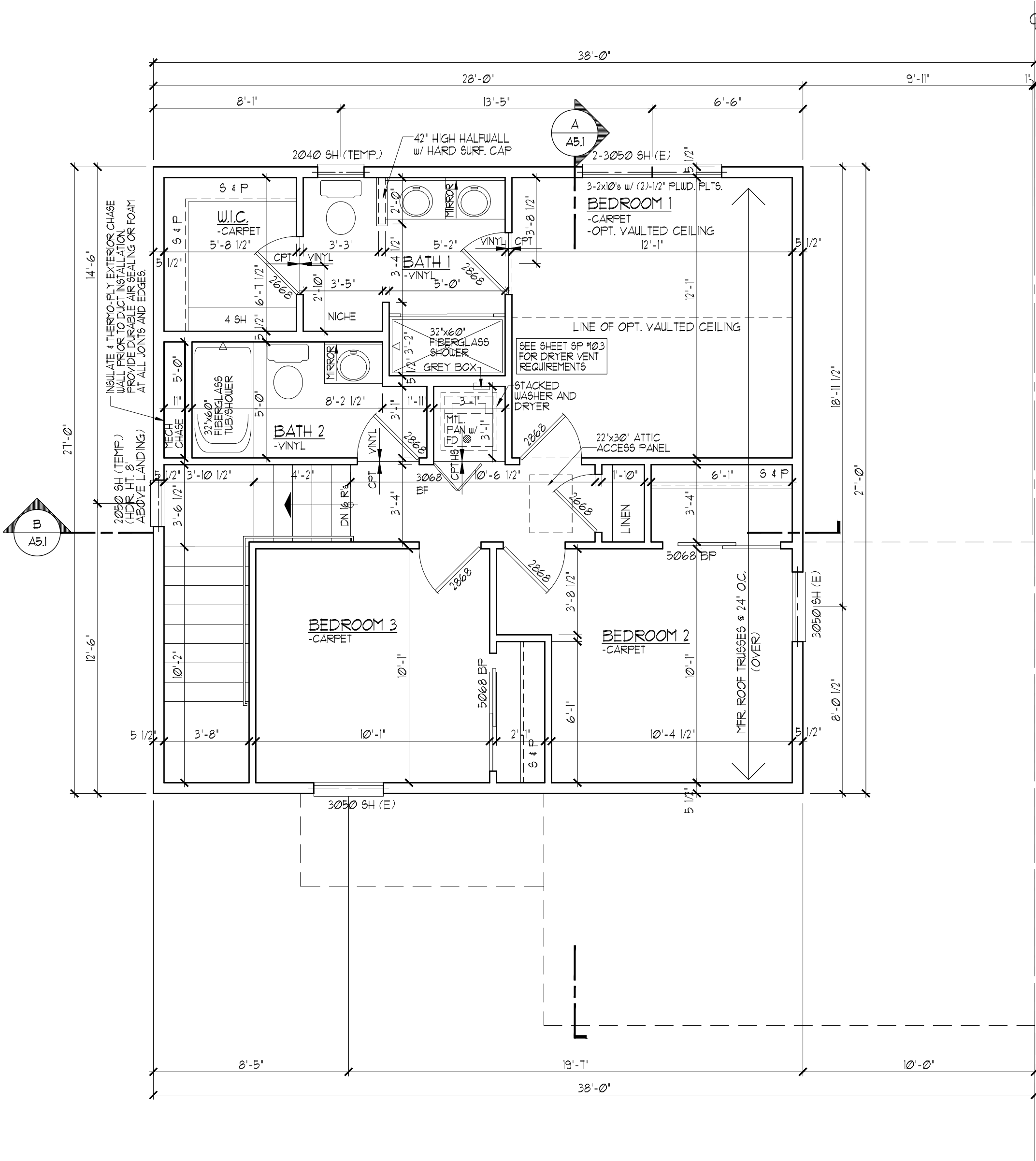
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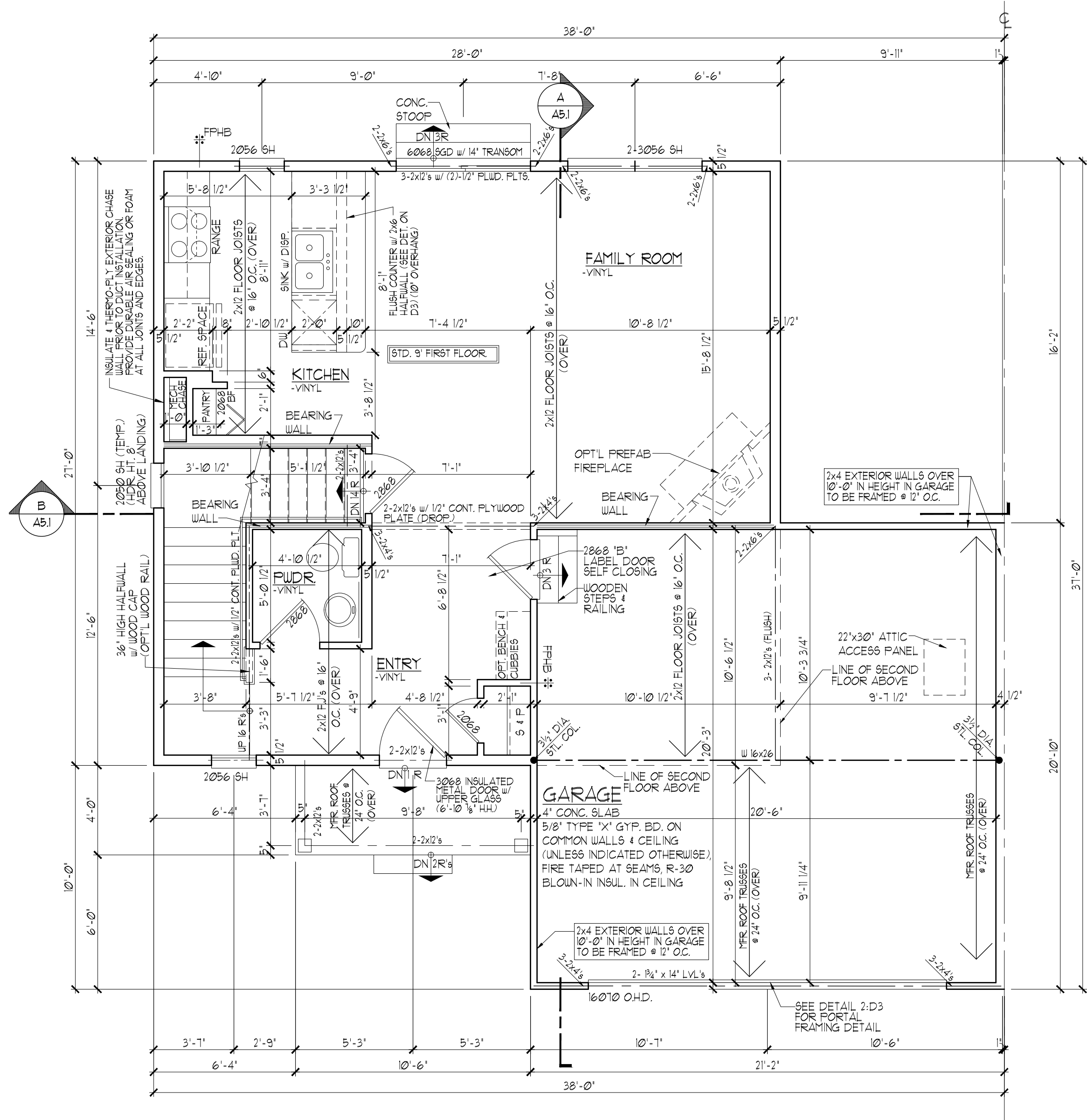
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MOUND MEADOWS SUBDIVISION	U.S. SHELTER HOMES 	Whitewater, Wisconsin
BASEMENT FOUNDATION PLANS		1335 PLANS

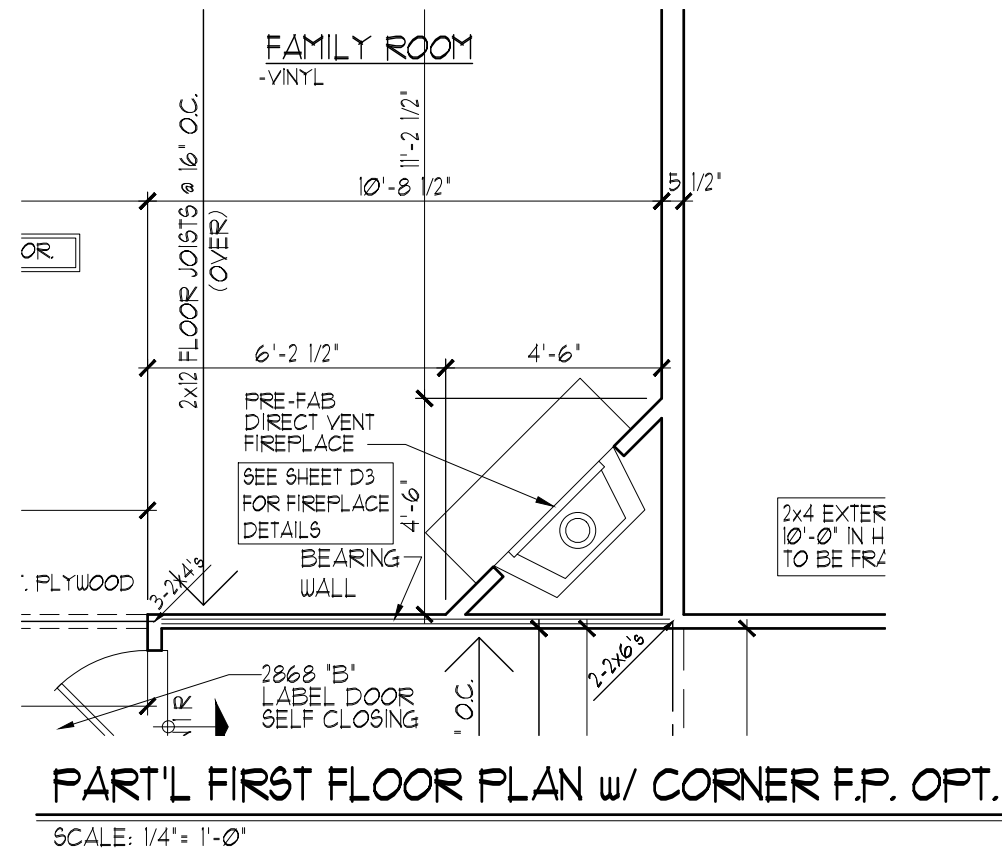
FLOOR PLAN NOTES:
-ALL FRAME WALL DIMENSIONS TO BE 3/12" TYP. UNLESS DIMENSIONED OTHERWISE.
-STANDARD DOOR HEADER HEIGHT, INCLUDING EXTERIOR DOORS, TO BE 6'-0" 1/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-WINDOW HEADER HEIGHT w/ 9'-1 1/8" FIRST FLOOR TO BE 8'-0" 1/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-WINDOW HEADER HEIGHT AT SECOND FLOOR TO BE 1'-0" 1/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-REAR PATIO DOOR HEADER HT. TO BE 1'-0" 1/8" ABOVE SUB FLOOR w/ 9'-1 1/8" FIRST FLOOR. ALL OTHER EXTERIOR DOOR TO REMAIN AT STANDARD DOOR HEADER HEIGHT.
-EXTERIOR OPENINGS TO HAVE 2-2x10's w/ 1/2" CONT. FLYW. PLATE HEADER UNLESS OTHERWISE NOTED.
-DRYWALL WRAP ALL (3) SIDES OF WINDOWS, AND PROVIDE STOOL & APRON.



SECOND FLOOR PLAN (BSMT.) - ELEVATION 'A'
SCALE: 1/4" = 1'-0" 694 SQ. FT. TOTAL



FIRST FLOOR PLAN (BSMT.) - ELEVATION 'A'
SCALE: 1/4" = 1'-0" 641 SQ. FT. (1335 SQ. FT. TOTAL)



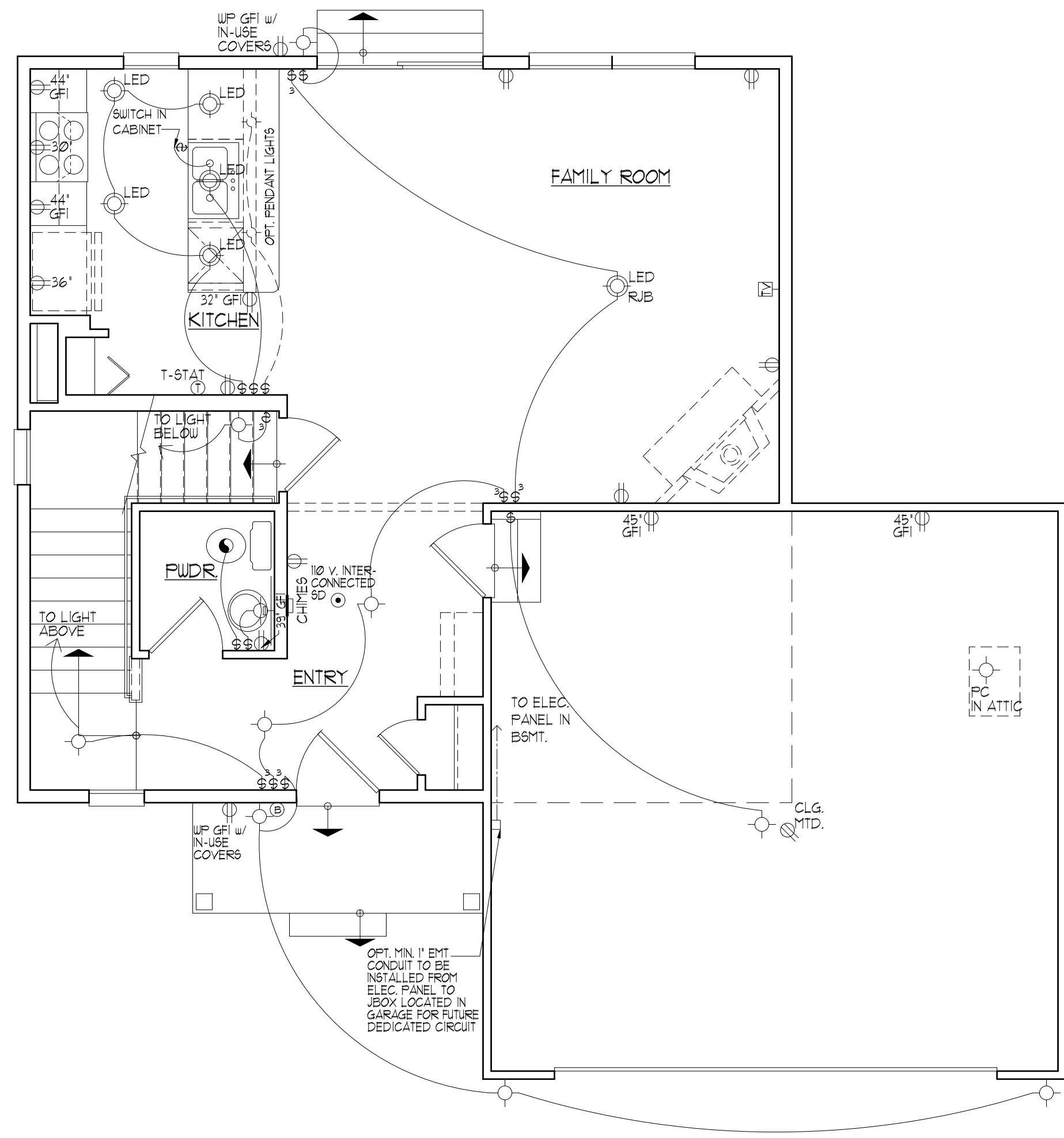
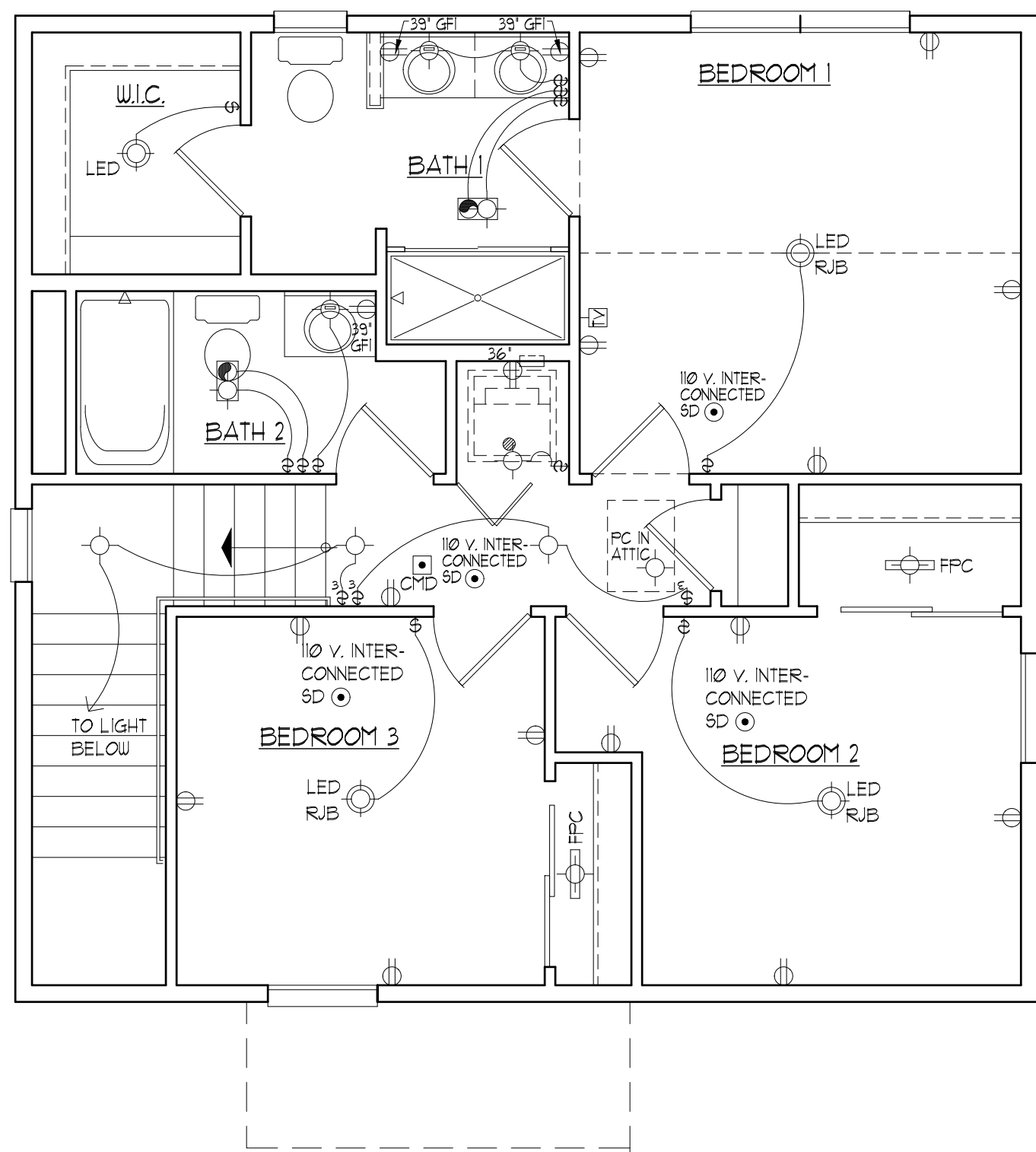
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U.S. SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
1335 PLAN
FLOOR PLANS (BSMT.)

 DUPLEX OUTLET
 HALF-SWITCHED DUPLEX OUTLET
 GFI
GROUND FAULT INTERRUPTER DUPLEX OUTLET
 WEATHER PROOF GFI DUPLEX OUTLET
 SPECIAL PURPOSE OUTLET
 220V
220 VOLT OUTLET
 WALL SWITCH
 THREE-WAY SWITCH
 FOUR-WAY SWITCH
 CEILING MOUNTED INCANDESCENT LIGHT FIXTURE
 WALL MOUNTED INCANDESCENT LIGHT FIXTURE
 PHOTOCELL ACTIVATED LIGHT FIXTURE
 CEILING MOUNTED LED LIGHT FIXTURE
 RECESSED INCANDESCENT LIGHT FIXTURE
 'EYE BALL' LIGHT FIXTURE
 LIGHT FIXTURE WITH PULL CHAIN
 TRACK LIGHT FIXTURE
 FLUORESCENT LIGHT FIXTURE
 FLUORESCENT LIGHT FIXTURE w/ PULL CHAIN
 EXHAUST FAN
 EXHAUST FAN/LIGHT FIXTURE
 DOOR BELL RINGER
 CHIMES
 100V INTERCONNECTED SMOKE DETECTOR
 ELECTRIC DOOR OPERATOR
 PHONE
 THERMOSTAT
 TELEVISION
 HEAT DETECTOR
 SMART PAD
 S-PAD
 CEILING FAN



LIGHT & VENT SCHEDULE							
ROOM NAME	AREA	LIGHT		VENT		MECH CFM	
		REQ.	ACT.	REQ.	ACT.	REQ.	ACT.
KITCHEN/FAMILY	38/23	305.50	42.32	9.29	32.98	N/A	N/A
BEDROOM 1	146.01	116.8	22.64	5.84	11.54	N/A	N/A
BEDROOM 2	113.42	9.01	11.32	4.54	5.11	N/A	N/A
BEDROOM 3	120.61	8.13	11.32	4.01	5.11	N/A	N/A
FOLDER	24.58	N/A	N/A	N/A	N/A	36.81	50.00
BATH 1	66.91	N/A	5.23	N/A	2.69	100.31	100.00
BATH 2	46.95	N/A	N/A	N/A	N/A	10.43	80.00
BASEMENT	51.0	11.40	16.20	11.40	16.20	N/A	N/A

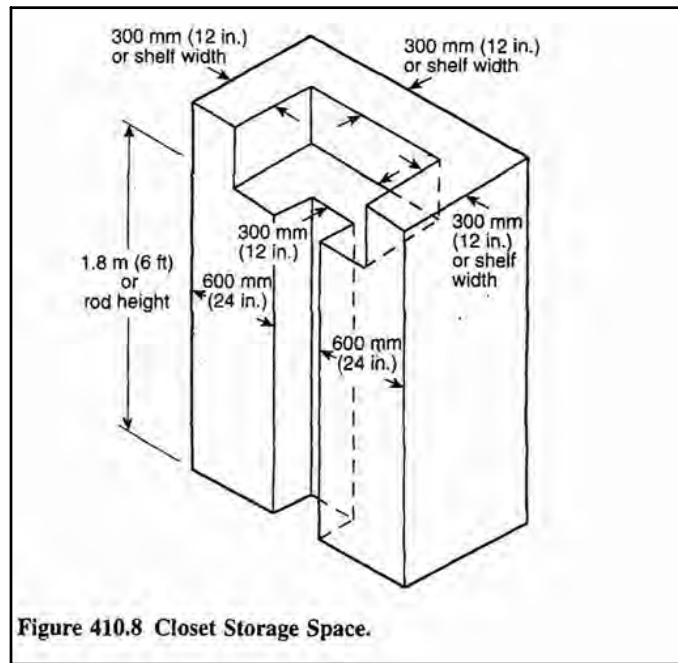


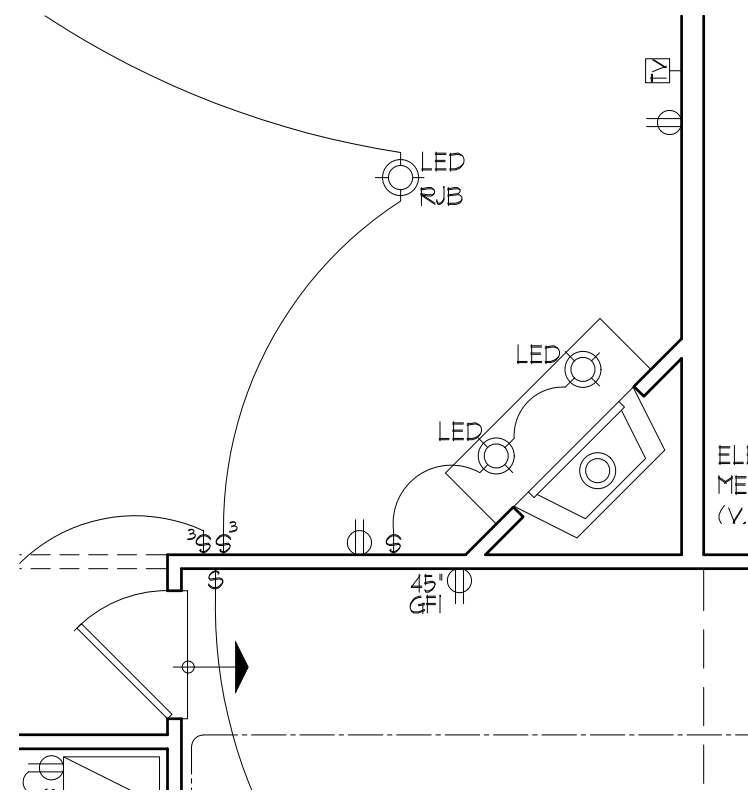
Figure 410.8 Closet Storage Space

-ALL CLOSET LIGHTING FIXTURES TO HAVE A COMPLETELY ENCLOSED LAMP.

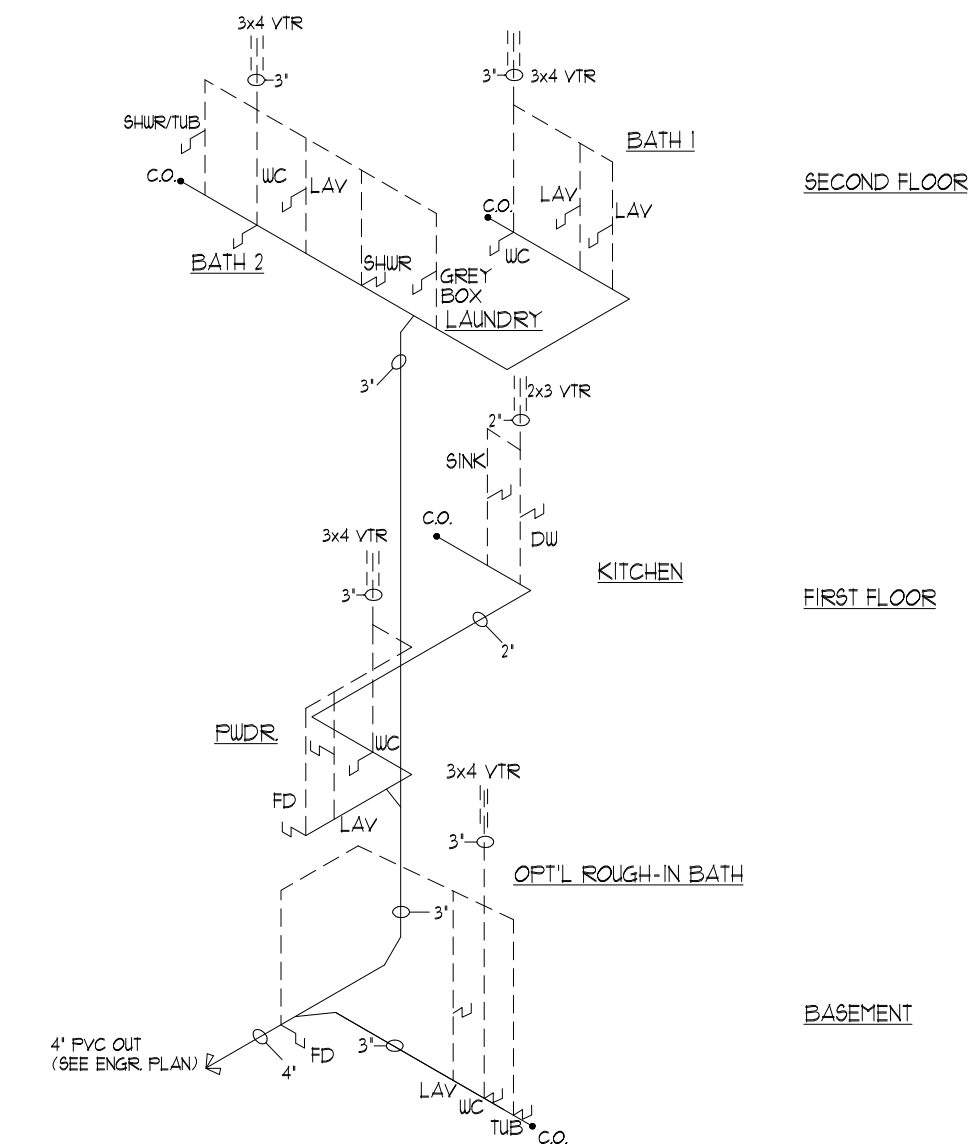
SCALE: 1/4" = 1'-0"

PROVIDE COMBINATION TYPE AFCI BREAKERS FOR ALL CIRCUITS IN ALL HABITABLE ROOMS EXCEPT BATHROOMS & GARAGES.

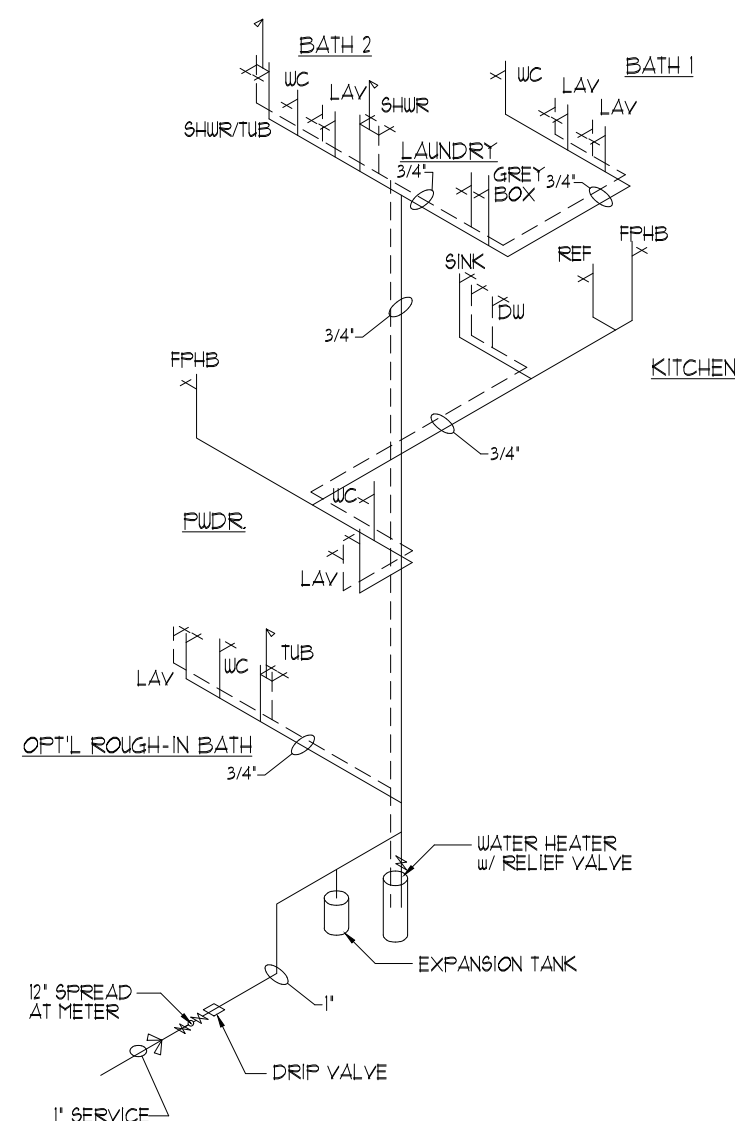
SCALE: 1/4" = 1'-0"



SCALE: 1/4" = 1'-0"

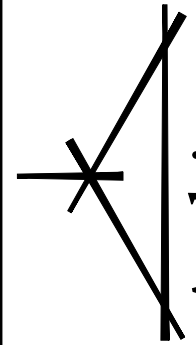


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SCALE: NOT TO SCALE

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			6	:	13	20
	Chkd By:		7	:	14	21



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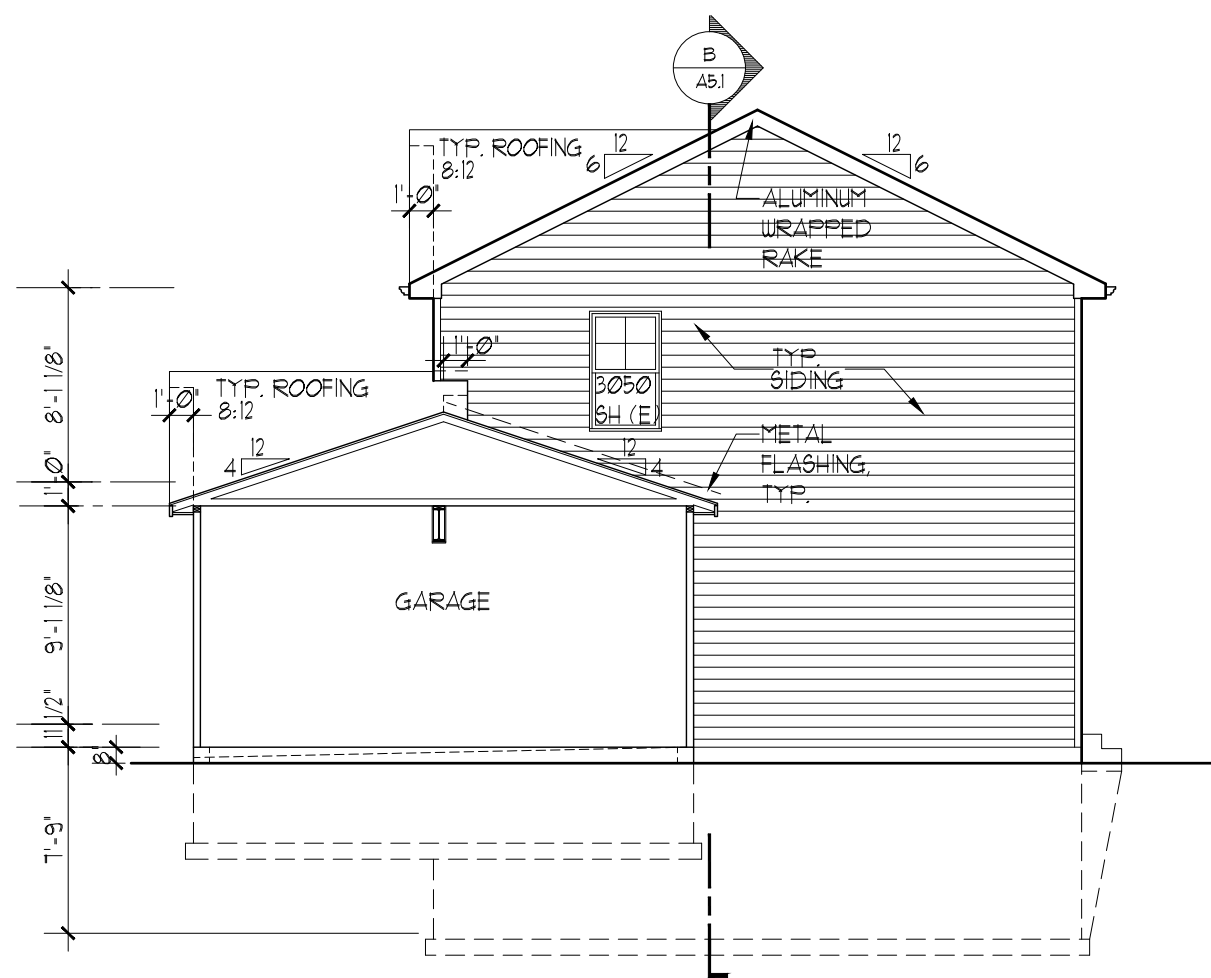
ELECTRICAL FLOOR PLANS (BSMT.)

1335 PLAN

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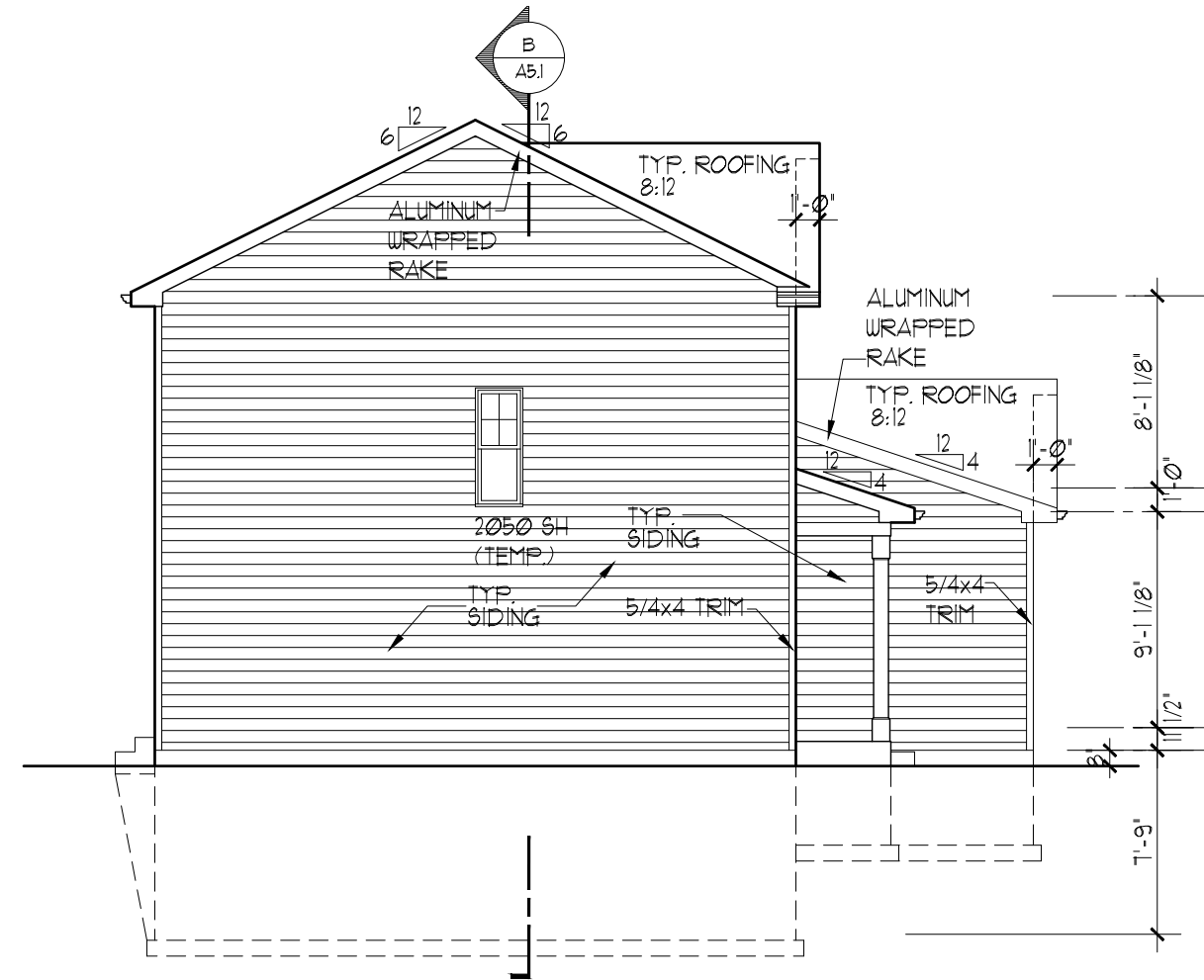
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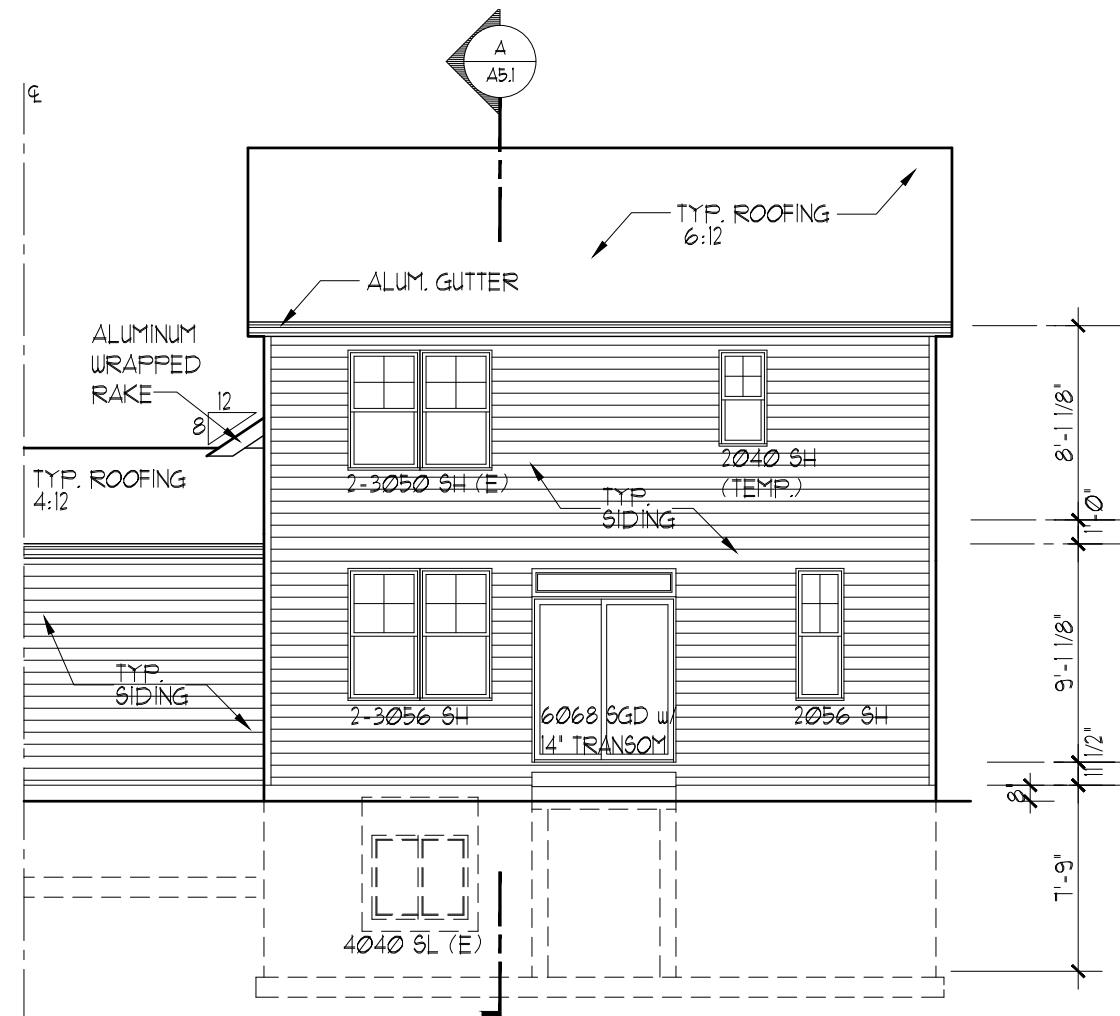
PARTY WALL SIDE ELEVATION

SCALE: 1/8" = 1'-0"



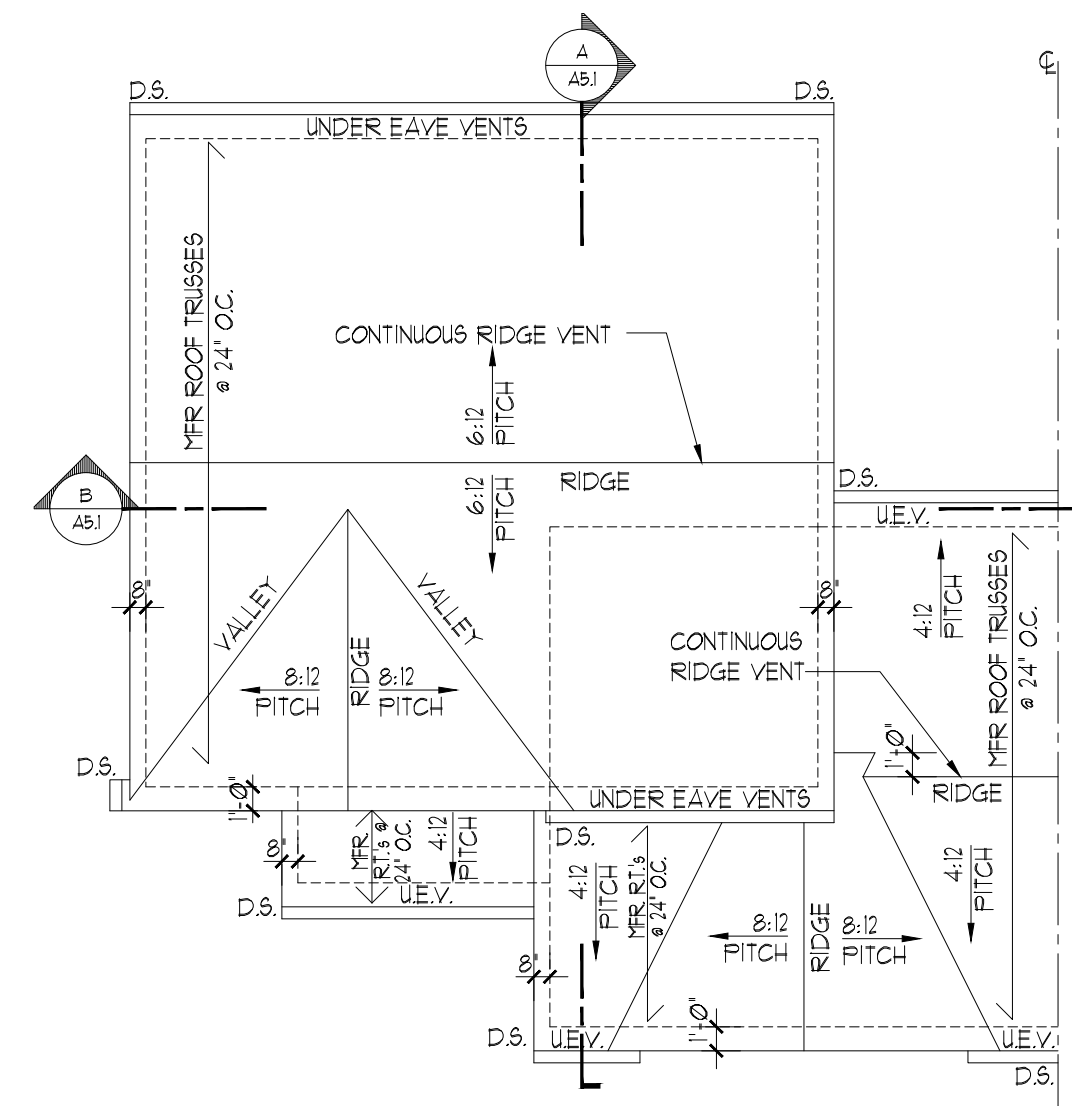
SIDE ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

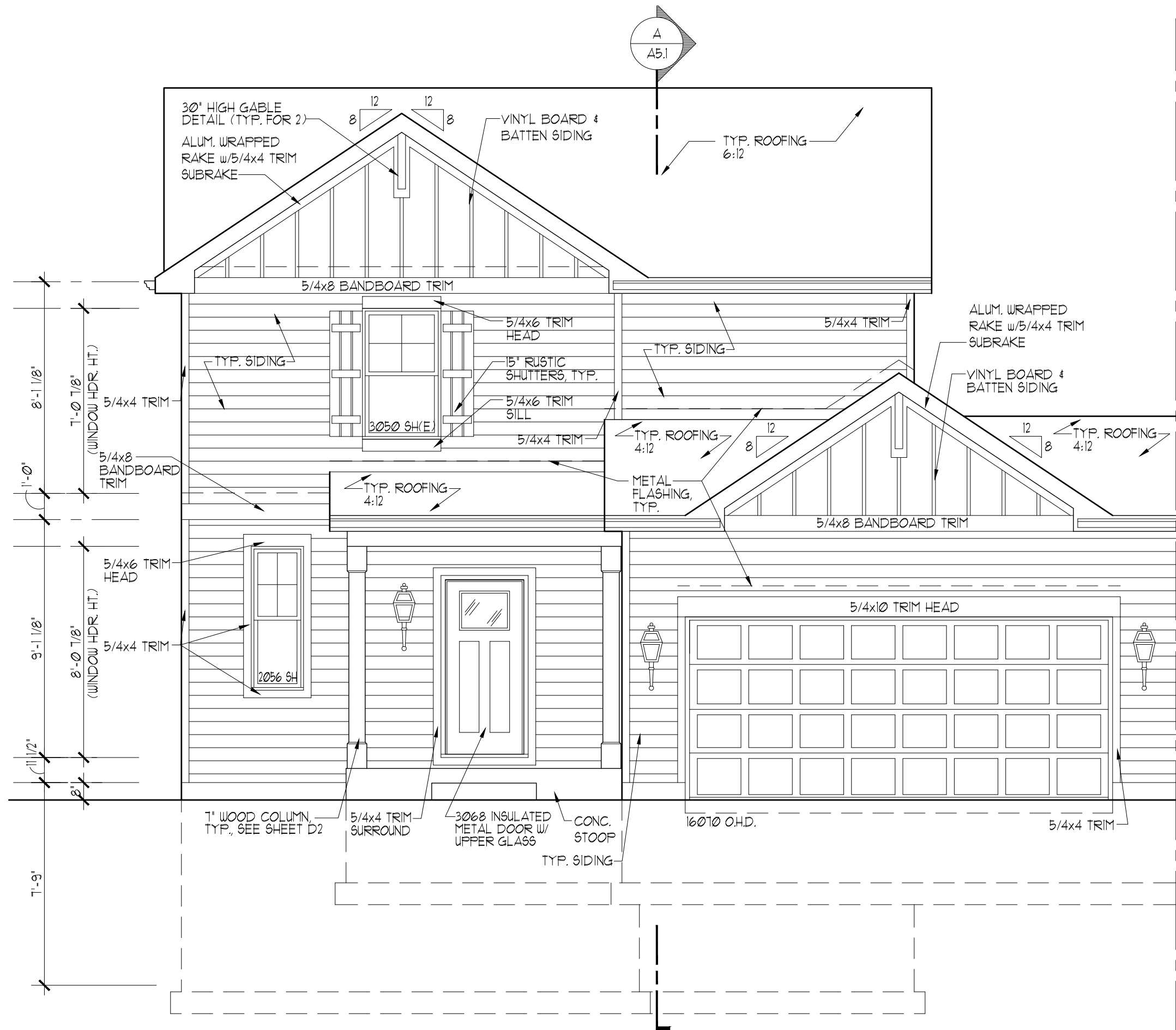
SCALE: 1/8" = 1'-0"



ROOF VENT	NOTES
-CONTINUOUS RIDGE VENT (18 SQUARE INCHES PER LINEAR FOOT)	- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
-SQUARE METAL ROOF VENT (51 SQ. IN. NET FREE AREA) MIN. EACH	- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
-CONTINUOUS SOFFIT VENT (8.1 SQUARE INCHES PER LINEAR FOOT)	- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
	- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY. REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE, SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.
TRUSS MFR SHALL DESIGN, PROVIDE AND INSTALL ANY ANCHORAGE OF ROOF TRUSSES TO BEARING WALLS, HEADERS, OR BEAMS REQUIRED TO RESIST WIND UPLIFT OR OTHER DESIGN LOADS.	
ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.	
BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE	

ROOF PLAN

SCALE: 1/8" = 1'-0"



FRONT ELEVATION 'A' (BSMT)

SCALE: 1/4" = 1'-0"

STANDARD ELEVATION NOTES

- 25 YEAR CLASS 'A' FIBERGLASS SHINGLES-TYPICAL ALL ROOFS
- SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS
- ALUMINUM FLASHING OVER ALL WINDOWS, DOORS AND WOOD TRIM
- ALUMINUM FLASHING AT ALL ROOF AND WALL INTERSECTIONS
- ALL SHUTTERS ARE LOUVERED, PANELED, or RUSTIC AS NOTED PER ELEVATION
- SEE DETAILS ON SHEET D1 FOR RAKE & EAVE DETAILS.
- VINYL CORNERS ON REAR
- FRONT ELEVATION CORNERS TO BE 5/4x4-5/4x4, SEE DETAIL ON SHEET D1)
- WINDOW TRIM PER ELEVATIONS
- 3/4x4 LP 'SMART TRIM' & WINDOW JAMBS W/O SHUTTERS AT FRONT (ONLY IF SHOWN)
- 3/4x4 LP 'SMART TRIM' & WINDOW SILLS AT FRONT (ONLY IF SHOWN)
- WINDOW HEADS AS NOTED PER ELEVATION
- ALUMINUM POT VENTS TO MATCH ROOF - TYP.
- FOR BRICK ELEVATIONS, PROVIDE 4" STONE SILLS UNDER FRONT DOOR AND WINDOWS
- PROVIDE STEEL LINTEL ABOVE WINDOWS AND DOOR WITH BRICK PER LINTEL SCHEDULE.
- PRECAST STONE LINTEL ABOVE WINDOWS (UNLESS OTHERWISE INDICATED)
- FOR ELEVATIONS WITH BRICK WAINSCOT, PROVIDE 4" STONE CAP.

WINDOW MANUFACTURER TO VERIFY 5.1 SQ. FT. OPENING FOR EGRESS WINDOW

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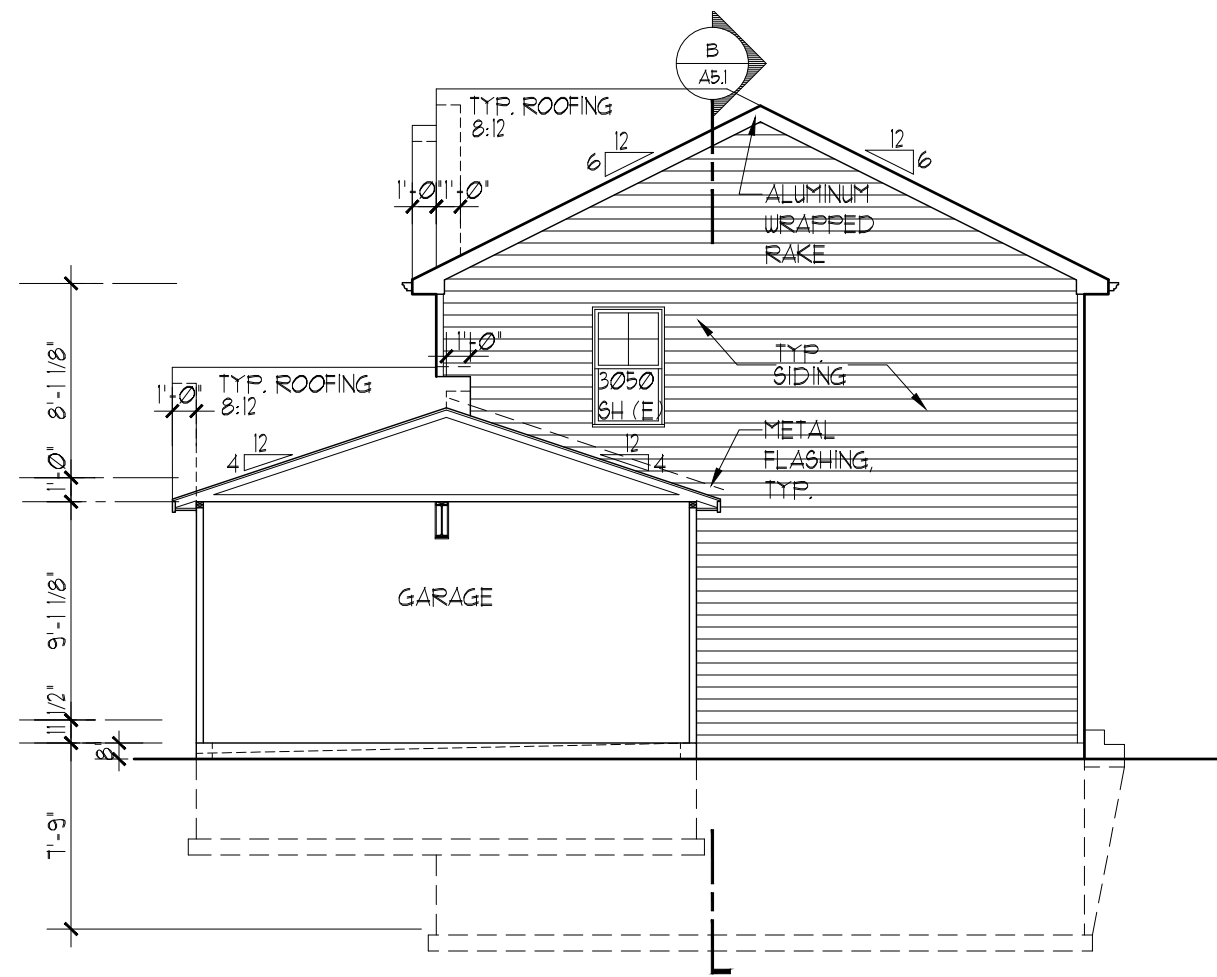
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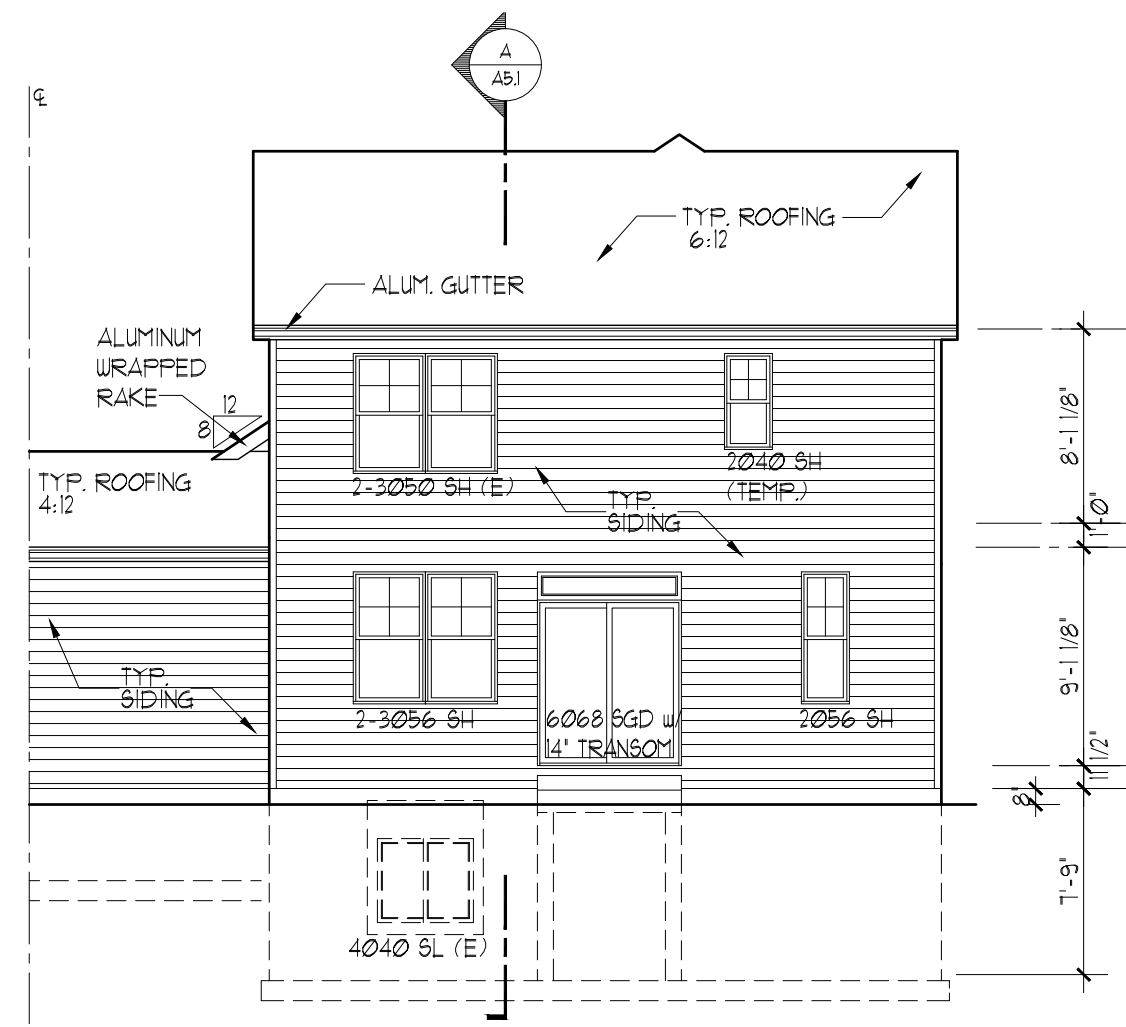
US SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
1335 PLAN
ELEVATION "A" (BSMT)

Sheet No.:

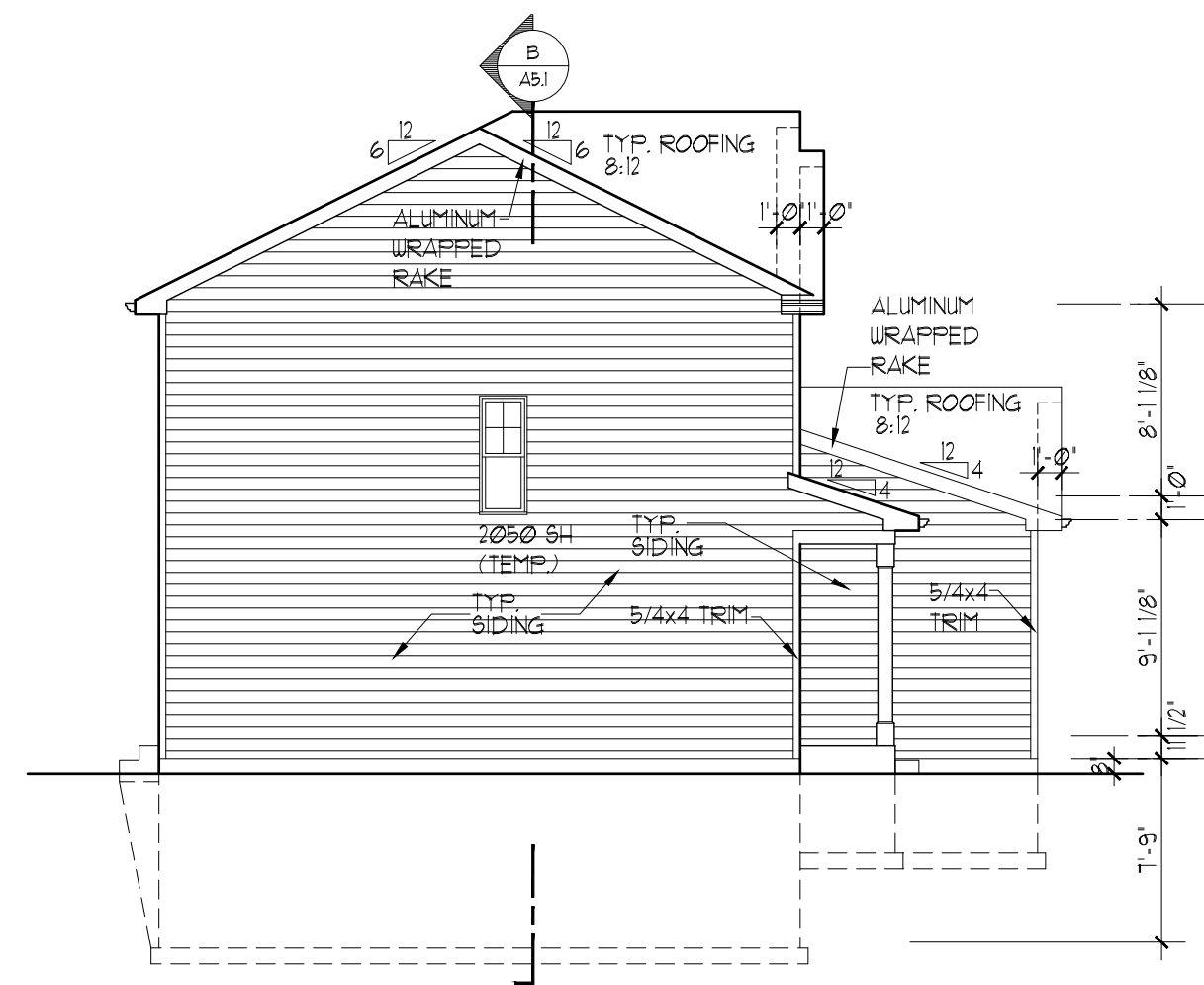
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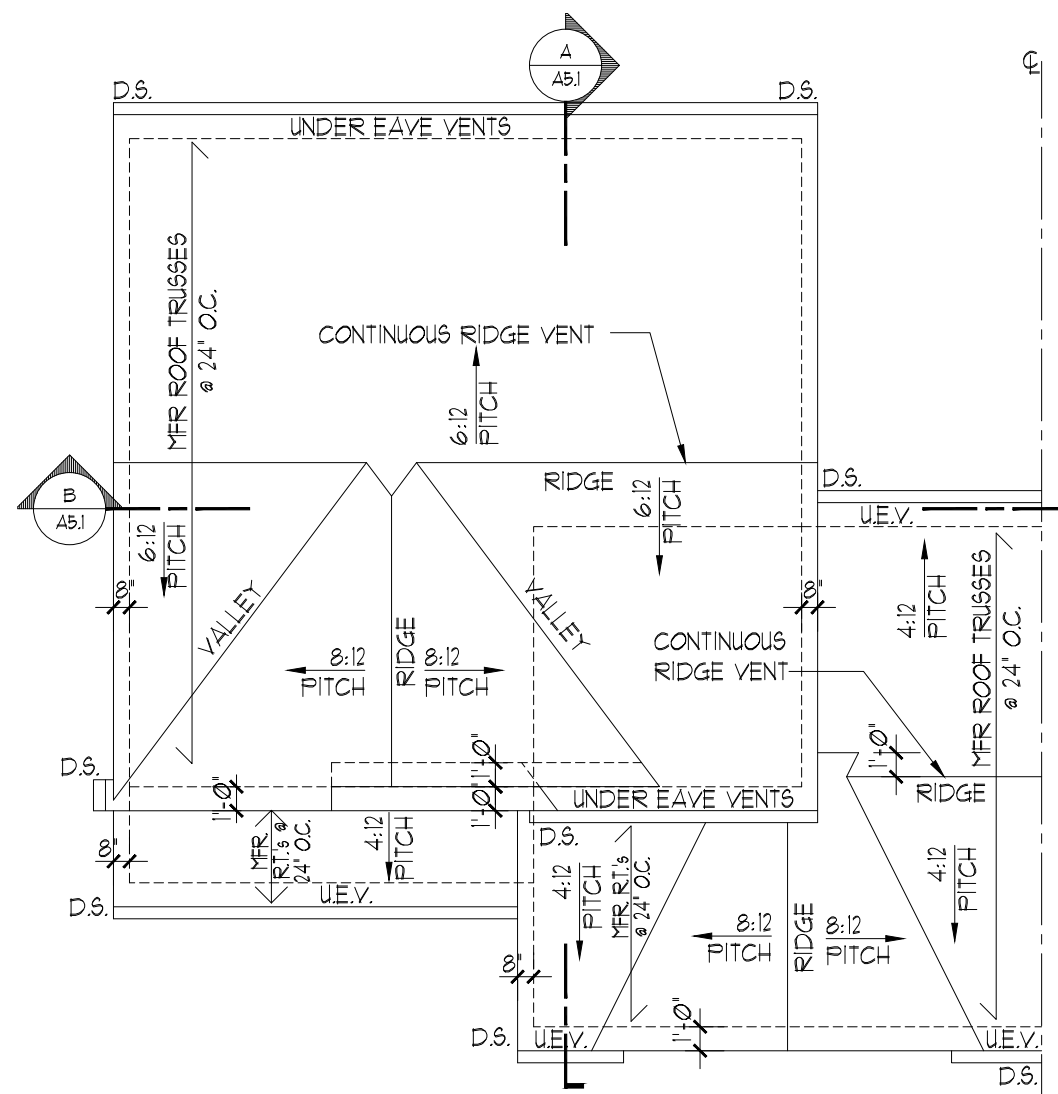
PARTY WALL SIDE ELEVATION
SCALE: 1/8" = 1'-0"



REAR ELEVATION
SCALE: 1/8" = 1'-0"

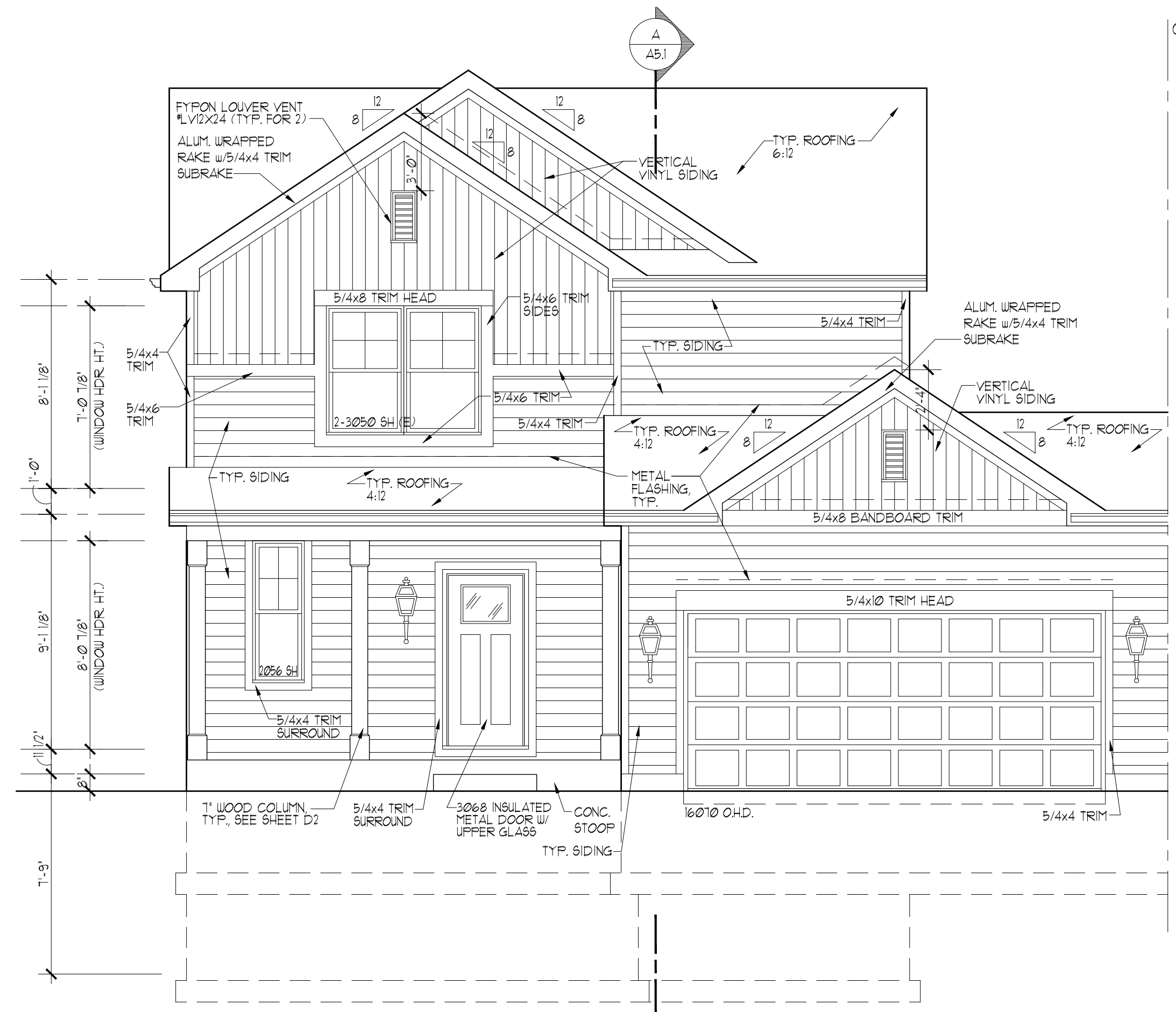


SIDE ELEVATION
SCALE: 1/8" = 1'-0"

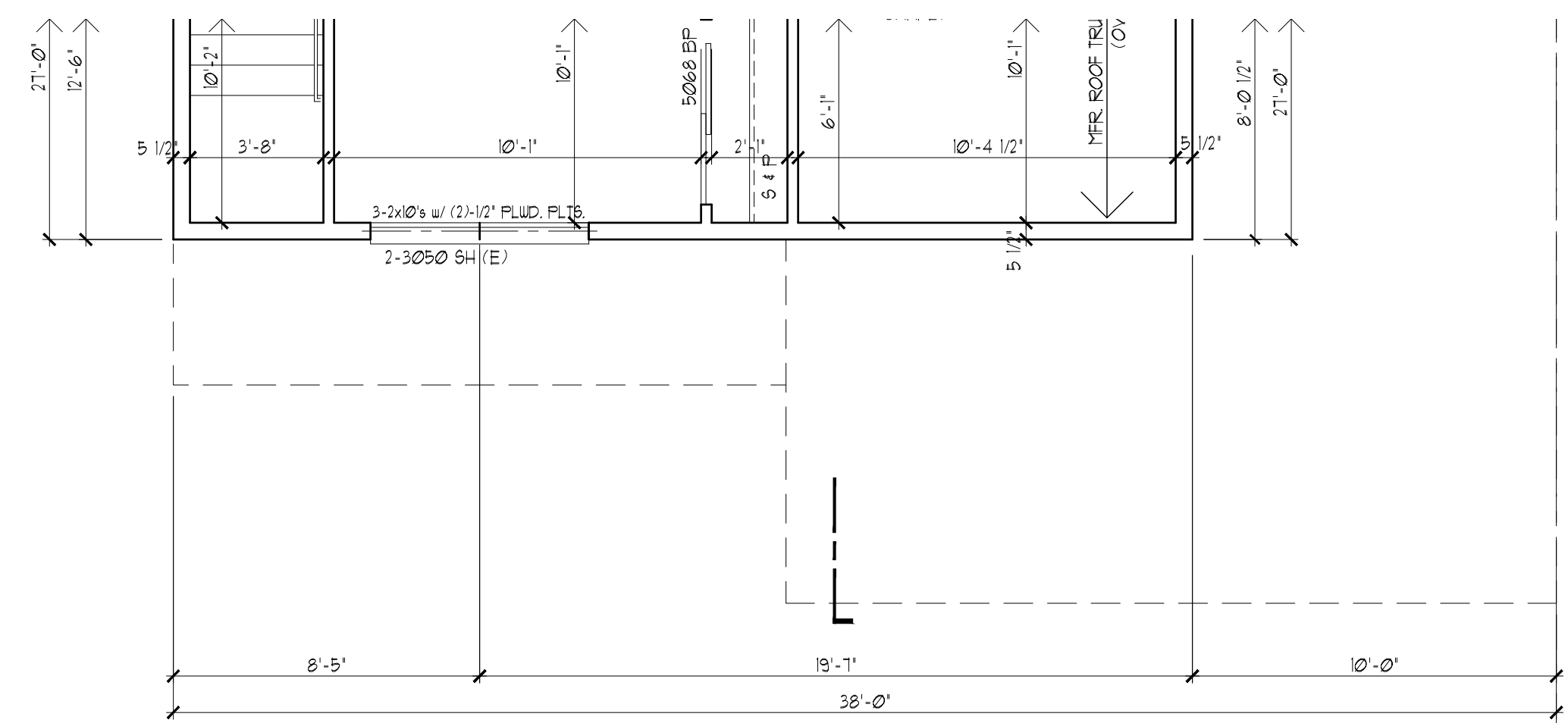


ROOF VENT	NOTES
-CONTINUOUS RIDGE VENT (18 SQUARE INCHES PER LINEAR FOOT)	- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
-SQUARE METAL ROOF VENT (51 SQ. IN. NET FREE AREA) MIN. EACH	- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
-CONTINUOUS SOFFIT VENT (91 SQUARE INCHES PER LINEAR FOOT)	- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
	- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY. REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE, SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.
TRUSS MFR SHALL DESIGN, PROVIDE AND INSTALL ANY ANCHORAGE OF ROOF TRUSSES TO BEARING WALLS, HEADERS, OR BEAMS REQUIRED TO RESIST WIND UPLIFT OR OTHER DESIGN LOADS.	
ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.	
BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE	

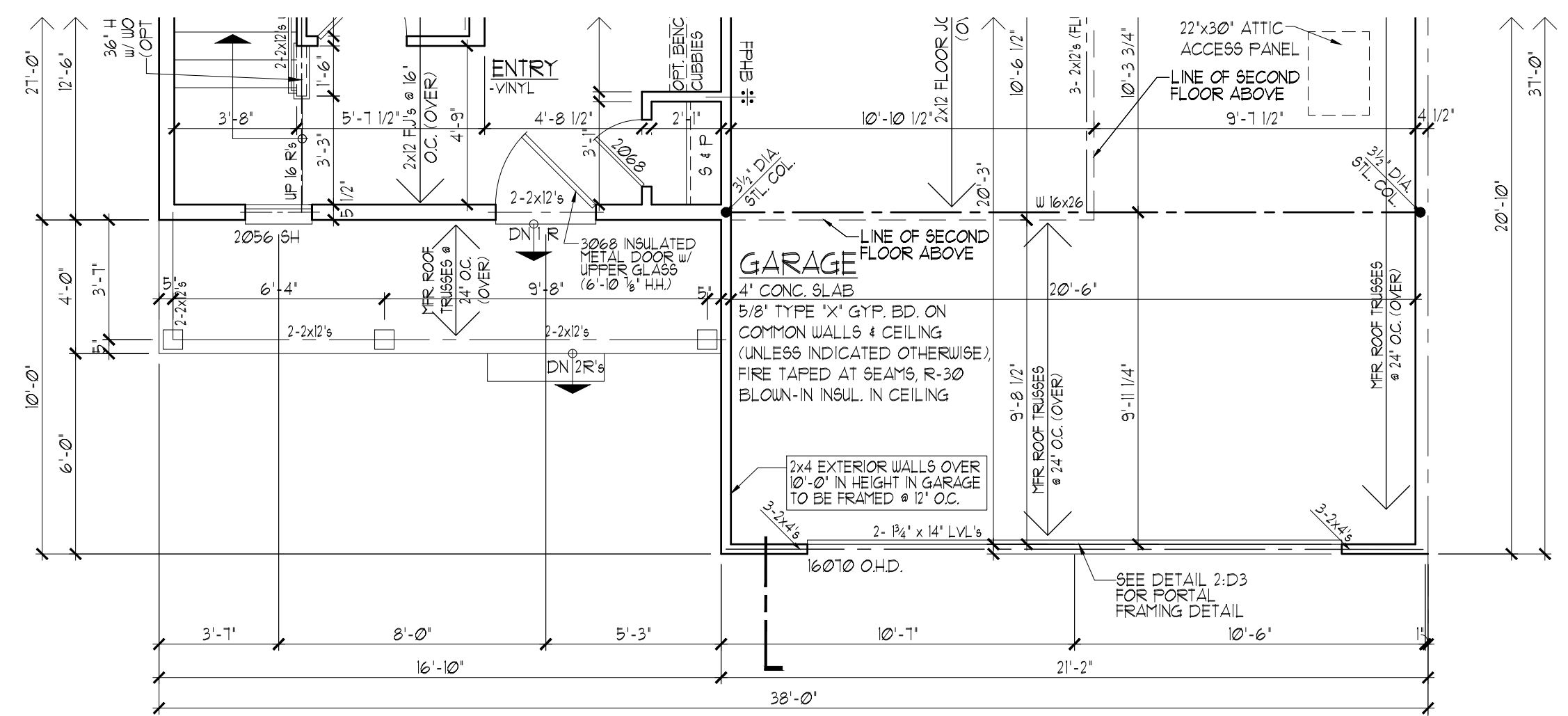
ROOF PLAN
SCALE: 1/8" = 1'-0"



FRONT ELEVATION 'B' (BSMT)
SCALE: 1/4" = 1'-0"



PART'L. SECOND FLOOR PLAN (BSMT) - ELEVATION 'B'
SCALE: 1/4" = 1'-0"



PART'L. FIRST FLOOR PLAN (BSMT) - ELEVATION 'B'
SCALE: 1/4" = 1'-0"

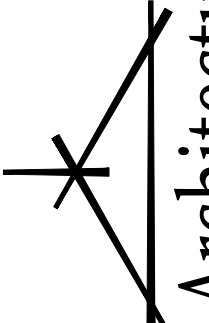
STANDARD ELEVATION NOTES

- 25 YEAR CLASS 'A' FIBERGLASS SHINGLES-TYPICAL ALL ROOFS
- SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS
- ALUMINUM FLASHING OVER ALL WINDOWS, DOORS AND WOOD TRIM
- ALUMINUM FLASHING AT ALL ROOF AND WALL INTERSECTIONS
- ALL SHUTTERS ARE LOUVERED, paneled, or rustic AS NOTED PER ELEVATION
- SEE DETAILS ON SHEET D1 FOR RAKE & EAVE DETAILS.
- VINYL CORNERS ON REAR
- FRONT ELEVATION CORNERS TO BE 5/4x4-5/4x4, SEE DETAIL ON SHEET D1)
- WINDOW TRIM PER ELEVATIONS
- 5/4x4 LP "SMART TRIM" @ WINDOW JAMBS W/O SHUTTERS AT FRONT (ONLY IF SHOWN)
- 5/4x4 LP "SMART TRIM" @ WINDOW SILLS AT FRONT (ONLY IF SHOWN)
- WINDOW HEADS AS NOTED PER ELEVATION
- ALUMINUM FOOT VENTS TO MATCH ROOF - TYP.
- FOR BRICK ELEVATIONS, PROVIDE 4" STONE SILLS UNDER FRONT DOOR AND WINDOWS
- PROVIDE STEEL LINTEL ABOVE WINDOWS AND DOOR WITH BRICK PER LINTEL SCHEDULE.
- PRECAST STONE LINTEL ABOVE WINDOWS (UNLESS OTHERWISE INDICATED)
- FOR ELEVATIONS WITH BRICK WAINSCOT, PROVIDE 4" STONE CAP.

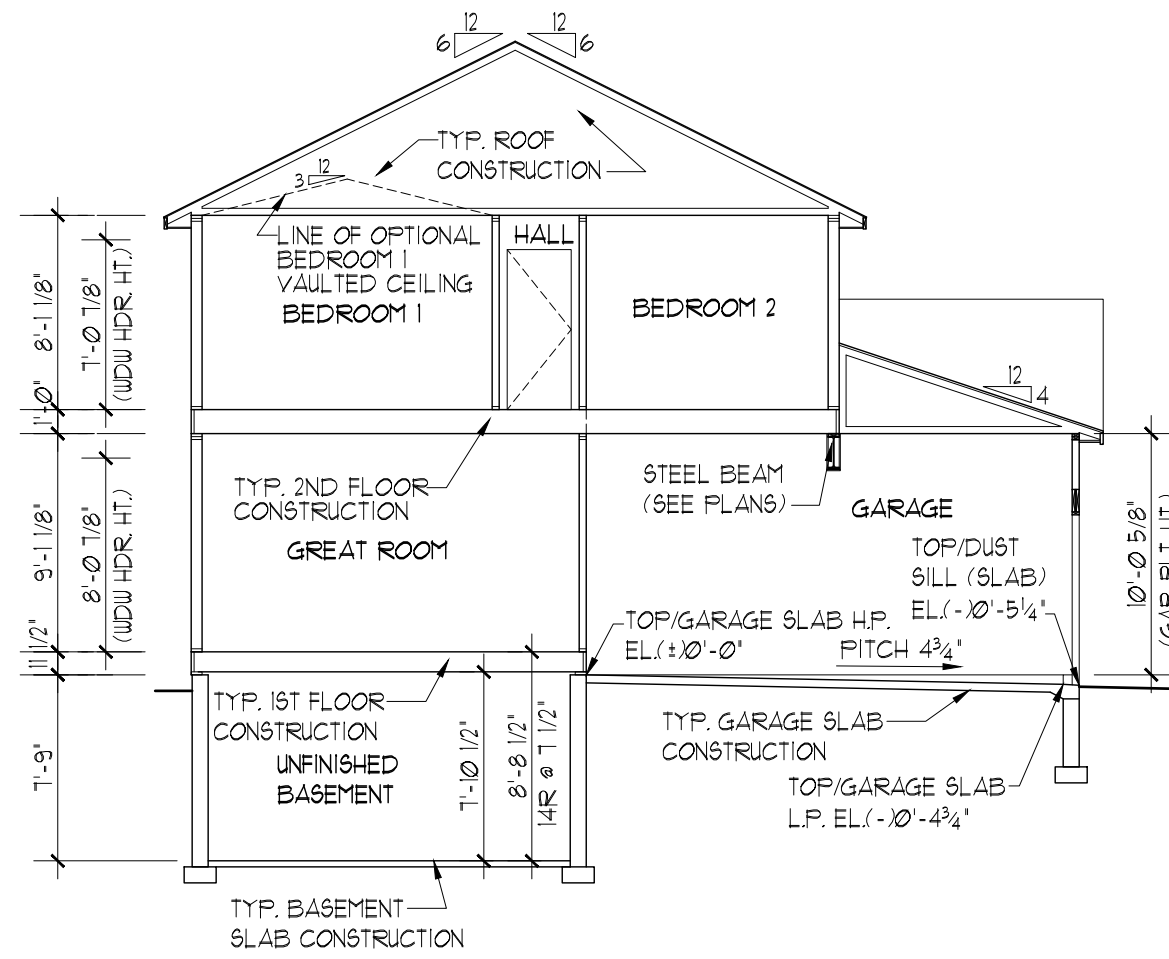
WINDOW MANUFACTURER TO VERIFY 5.1 SQ. FT. OPENING FOR EGRESS WINDOW

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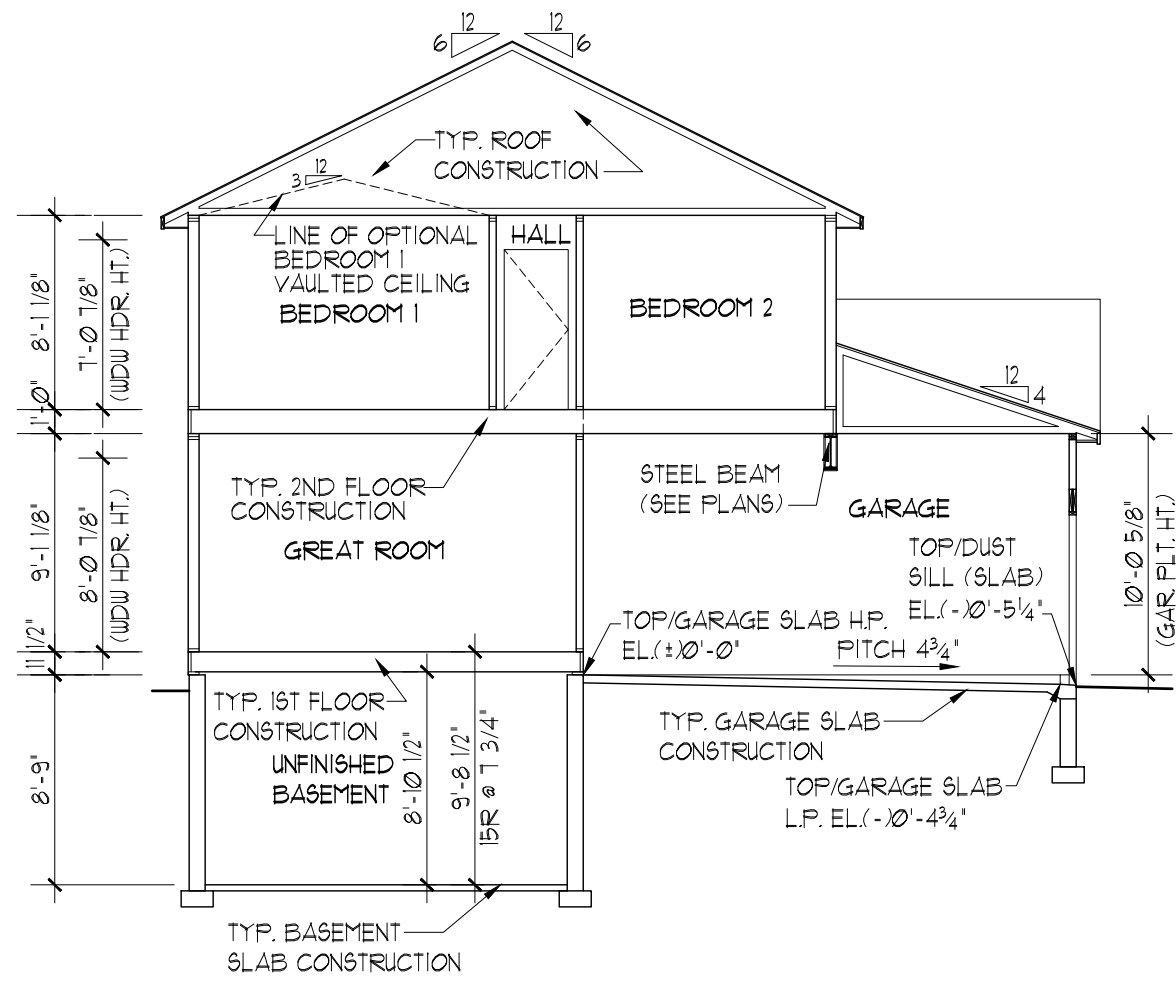
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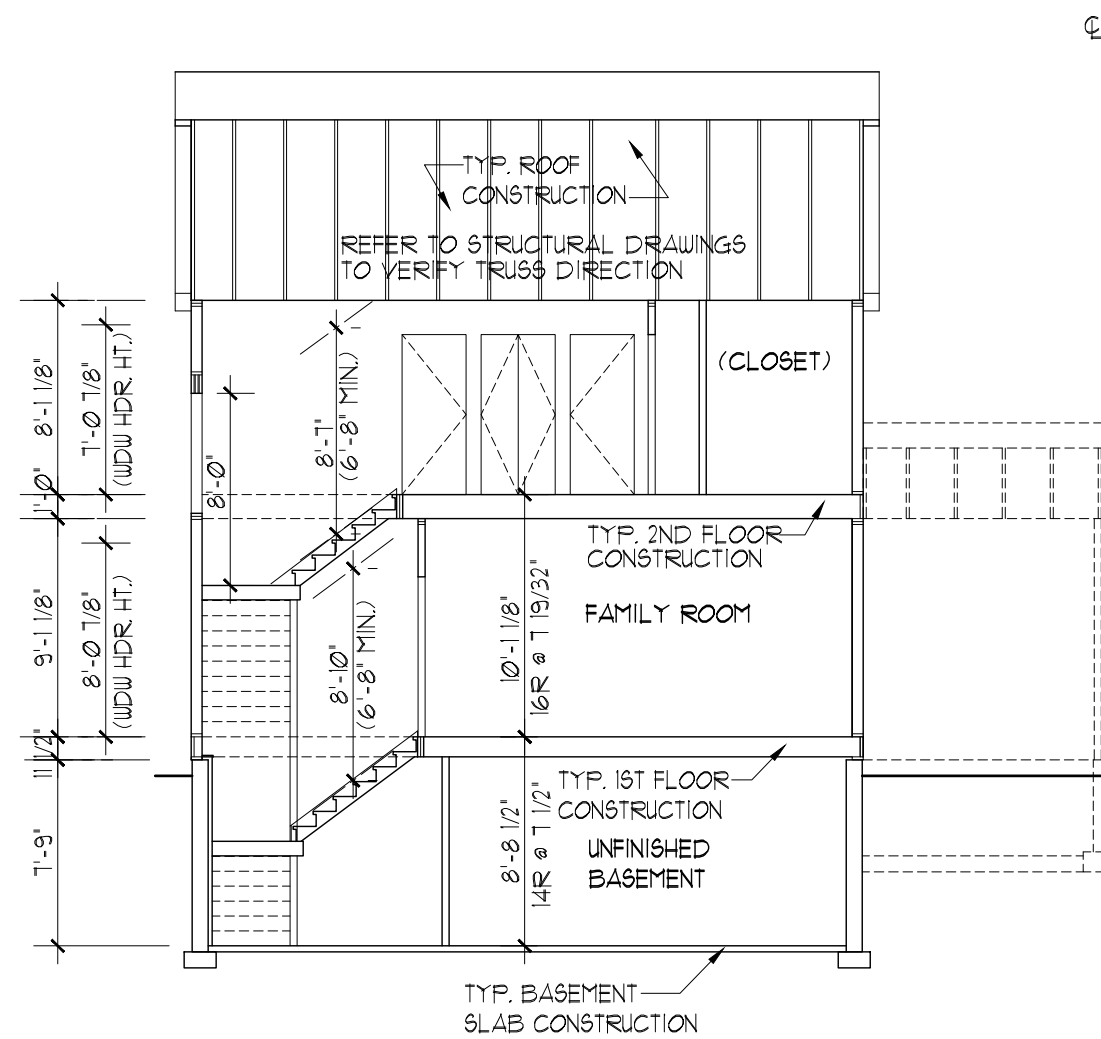
US SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
1335 PLAN
ELEVATION "B" (BSMT)



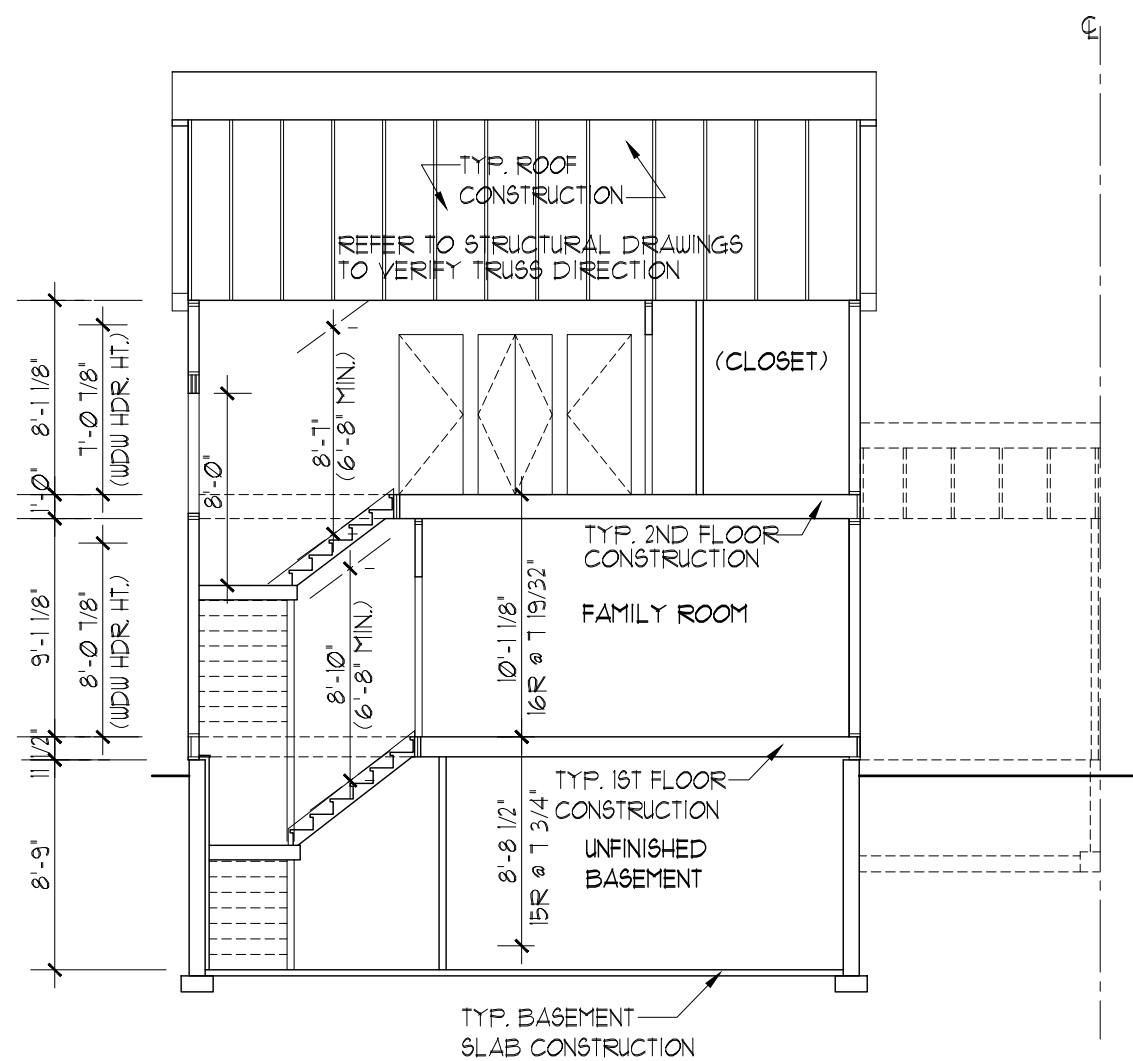
BUILDING SECTION 'A' - BASEMENT w/ 9' FIRST FLOOR
SCALE: 1/8" = 1'-0"



BUILDING SECTION 'A' - 9' FIRST FLOOR w/ OPT. DEEP BSMT
SCALE: 1/8" = 1'-0"



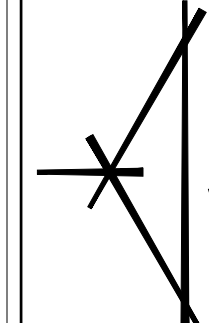
BUILDING SECTION 'B' - BASEMENT w/ 9' FIRST FLOOR
SCALE: 1/8" = 1'-0"



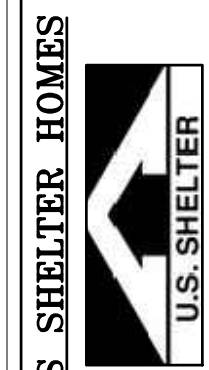
BUILDING SECTION 'B' - 9' FIRST FLOOR w/ OPT. DEEP BSMT
SCALE: 1/8" = 1'-0"

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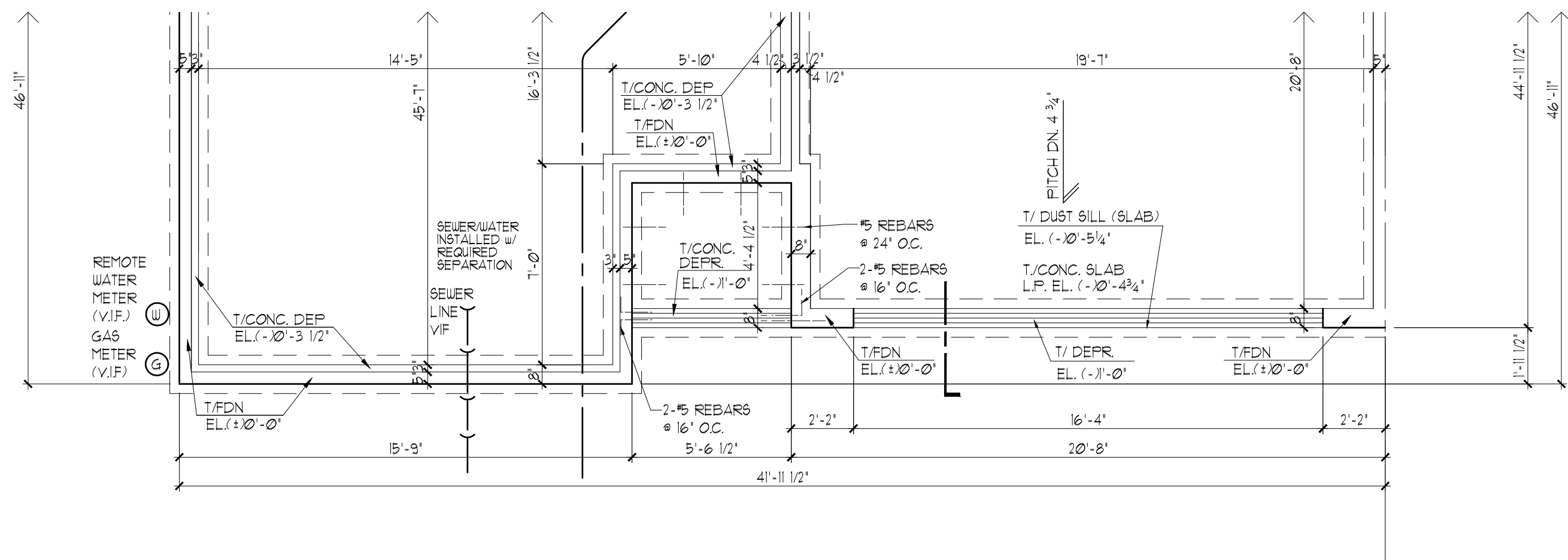


US SHELTER HOMES
MOUND MEADOWS SUBDIVISION



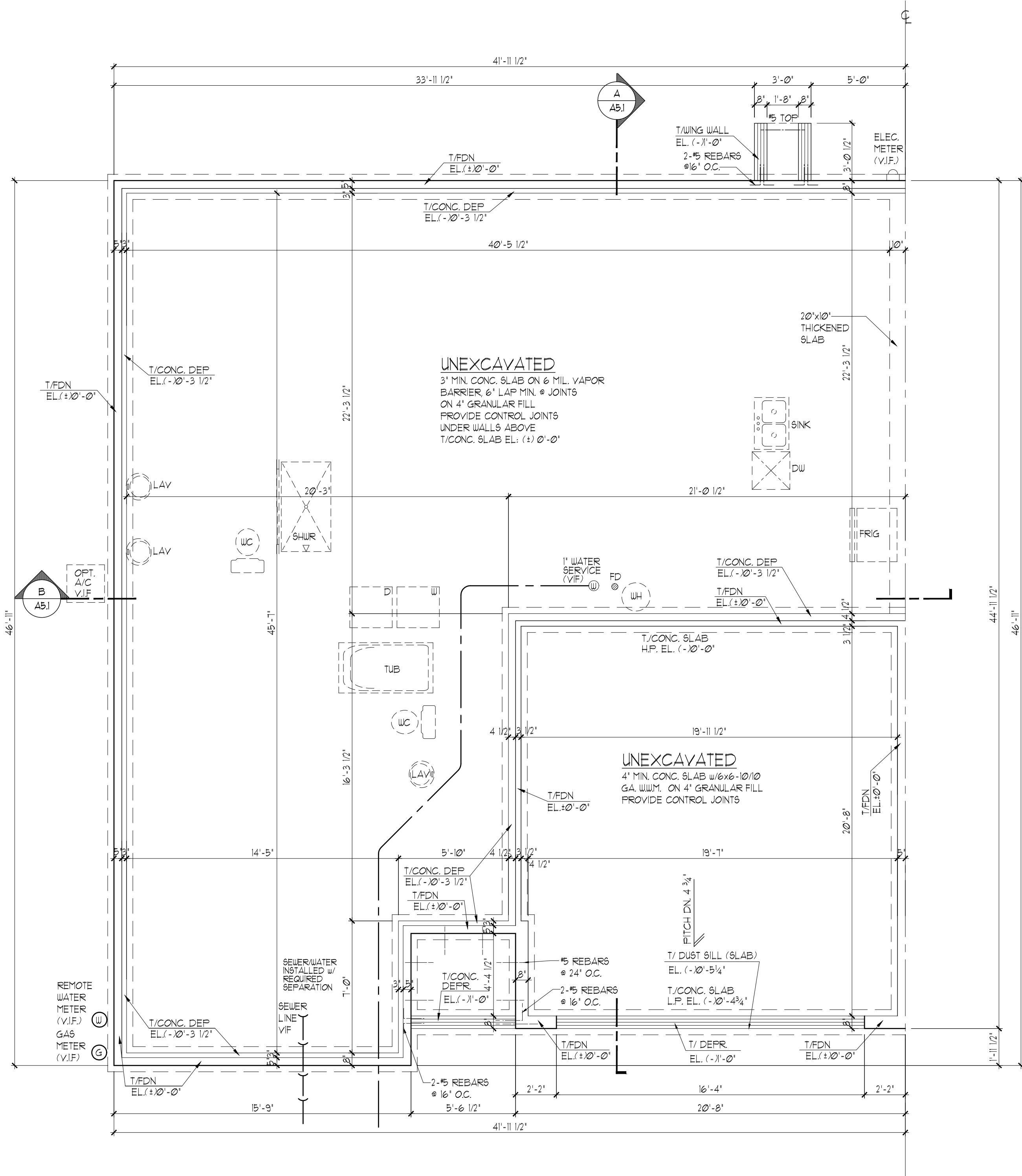
Whitewater, Wisconsin

1335 PLAN



PART'L. SLAB FOUNDATION PLAN - ELEVATION 'B'

SCALE: 1/4" = 1'-0"

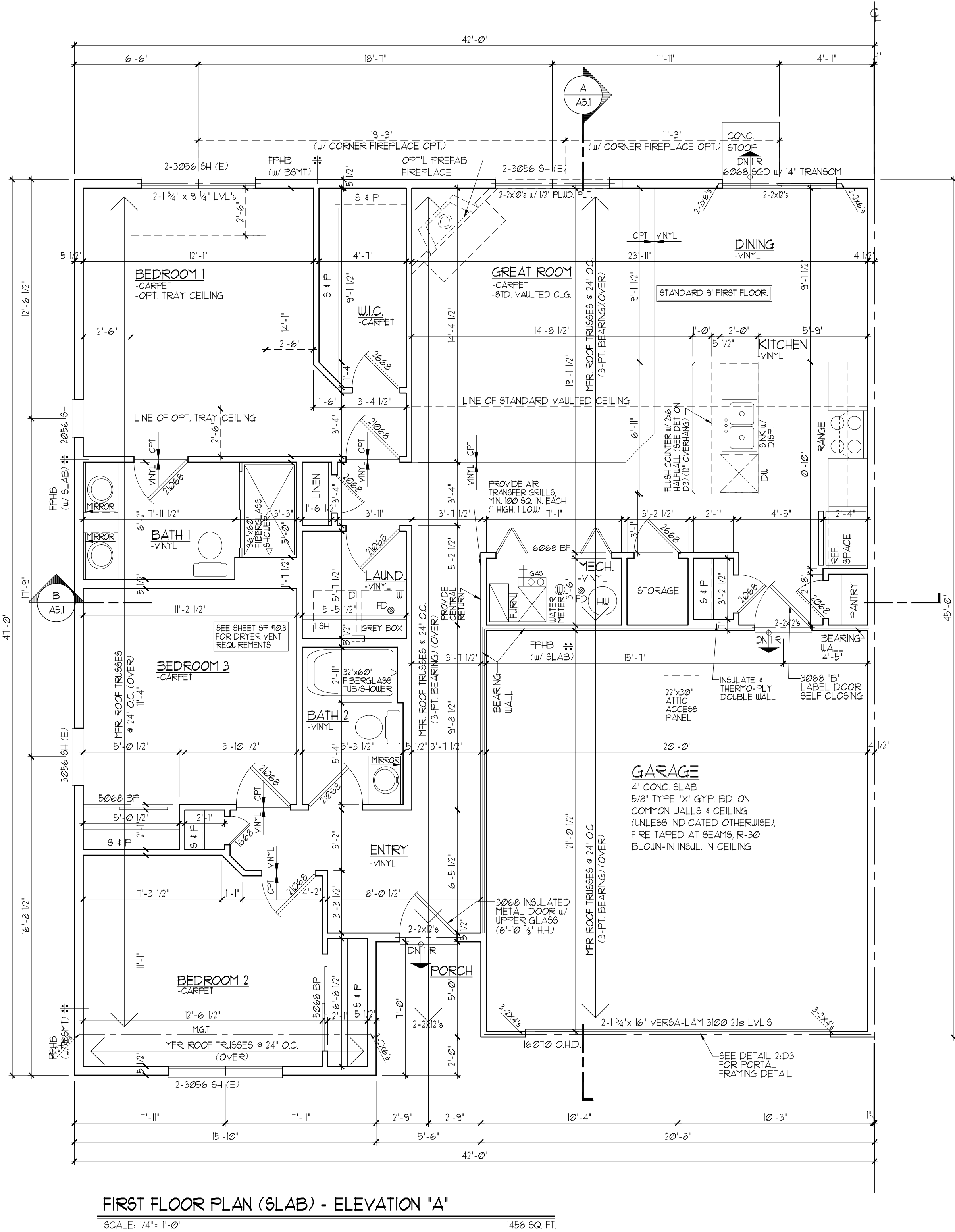
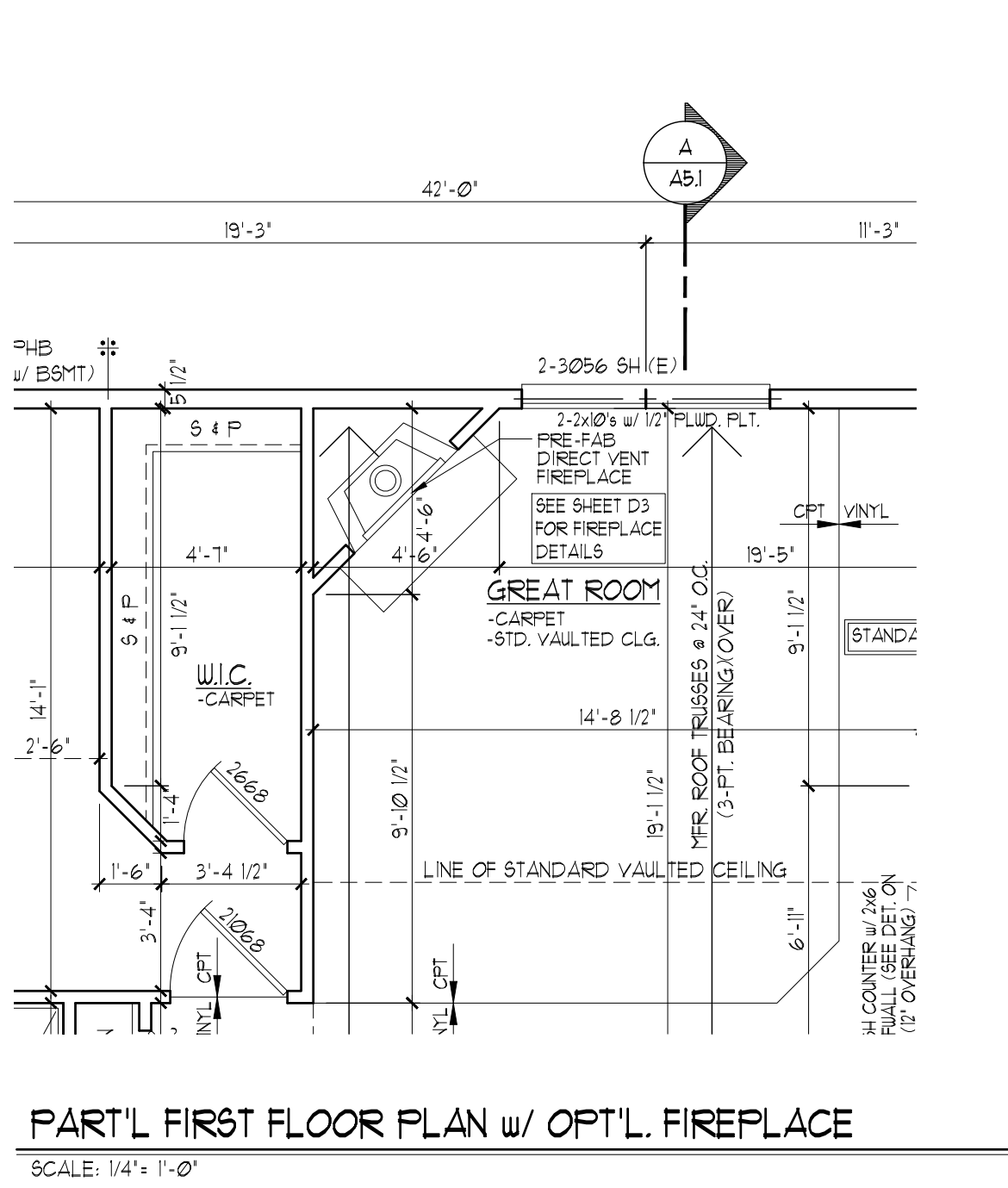


SLAB FOUNDATION PLAN - ELEVATION 'A'

SCALE: 1/4" = 1'-0"

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FLOOR PLAN NOTES:
-ALL FRAME WALL DIMENSIONS TO BE 3/16" TYP. UNLESS DIMENSIONED OTHERWISE.
-STANDARD DOOR HEADER HEIGHT, INCLUDING EXTERIOR DOORS, TO BE 6'-10 1/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-WINDOW HEADER HEIGHT w/ 9'-1 1/8" FIRST FLOOR TO BE 8'-0 1/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-REAR PATIO DOOR HEADER HT. TO BE 7'-10 1/8" ABOVE SUB FLOOR w/ 9'-1 1/8" FIRST FLOOR. ALL OTHER EXTERIOR DOOR TO REMAIN AT STANDARD DOOR HEADER HEIGHT.
-EXTERIOR OPENINGS TO HAVE 2-2x10's w/ 1/2" CONT. PLY. PLATE HEADER UNLESS OTHERWISE NOTED.
-DRYWALL WRAP ALL (3) SIDES OF WINDOWS, AND PROVIDE STOOL & APRON.



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US SHELTER HOMES

MOOND MEADOWS SUBDIVISION

Whitewater, Wisconsin

1458 PLAN

1458-A2.1

Sheet No.:

US SHELTER HOMES

MOOND MEADOWS SUBDIVISION

Whitewater, Wisconsin

1458 PLAN

1458-A2.1

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US SHELTER HOMES

MOOND MEADOWS SUBDIVISION

Whitewater, Wisconsin

1458 PLAN

1458-A2.1

Sheet No.:

US SHELTER HOMES

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Whitewater, Wisconsin

1458 PLAN

1458-A2.1

Sheet No.:

US SHELTER HOMES

MOOND MEADOWS SUBDIVISION

Whitewater, Wisconsin

1458 PLAN

1458-A2.1

Sheet No.:

US SHELTER HOMES

MOOND MEADOWS SUBDIVISION

Whitewater, Wisconsin

1458 PLAN

1458-A2.1

Sheet No.:

ELECTRICAL KEY

- ⊖ DUPLEX OUTLET
- ⊖ HALF-SWITCHED DUPLEX OUTLET
- ⊖ GFI GROUND FAULT INTERRUPTER DUPLEX OUTLET
- ⊖ GFI WEATHER PROOF 4 GFI DUPLEX OUTLET
- ⊖ SPECIAL PURPOSE OUTLET
- 220V ⊖ 220 VOLT OUTLET
- ⊖ WALL SWITCH
- ⊖ THREE-WAY SWITCH
- ⊖ FOUR-WAY SWITCH
- ⊖ CEILING MOUNTED INCANDESCENT LIGHT FIXTURE
- ⊖ WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- ⊖ PHOTOCELL ACTIVATED LIGHT FIXTURE
- LED ⊖ CEILING MOUNTED LED LIGHT FIXTURE
- ⊖ RECESSED INCANDESCENT LIGHT FIXTURE
- ⊖ 'EYE BALL' LIGHT FIXTURE
- ⊖ PC LIGHT FIXTURE WITH PULL CHAIN
- ⊖ TRACK LIGHT FIXTURE
- ⊖ FLUORESCENT LIGHT FIXTURE
- ⊖ PC FLUORESCENT LIGHT FIXTURE w/ PULL CHAIN
- ⊖ EXHAUST FAN
- ⊖ EXHAUST FAN/LIGHT FIXTURE
- ⊖ DOOR BELL RINGER
- ⊖ CHIMES
- ⊖ 120V, INTERCONNECTED SMOKE DETECTOR
- ⊖ ELECTRIC DOOR OPERATOR
- ⊖ PHONE
- ⊖ THERMOSTAT
- ⊖ TELEVISION
- ⊖ HEAT DETECTOR
- ⊖ S-PAD SMART PAD
- ⊖ CEILING FAN

LIGHT & VENT SCHEDULE							
ROOM NAME	AREA	LIGHT		VENT		MECH CFM	
		REQ.	ACT.	REQ.	ACT.	REQ.	ACT.
KIT./GREAT RM/DIN.	489.61	38.11	66.09	19.59	33.33	N/A	N/A
BEDROOM 1	181.53	15.00	29.44	1.50	15.03	N/A	N/A
BEDROOM 2	133.90	10.71	22.64	5.36	11.54	N/A	N/A
BEDROOM 3	121.03	10.16	11.32	5.08	5.71	N/A	N/A
BATH 1	65.33	N/A	N/A	N/A	N/A	91.99	100.00
BATH 2	42.81	N/A	N/A	N/A	N/A	64.22	70.00
BASEMENT	923.41	18.41	32.00	18.41	32.00	N/A	N/A
OPT'L FULL BSMT.	1354.18	21.10	32.00	21.10	32.00	N/A	N/A

PROVIDE COMBINATION TYPE AFCI BREAKERS FOR ALL CIRCUITS IN ALL HABITABLE ROOMS EXCEPT BATHROOMS & GARAGES.

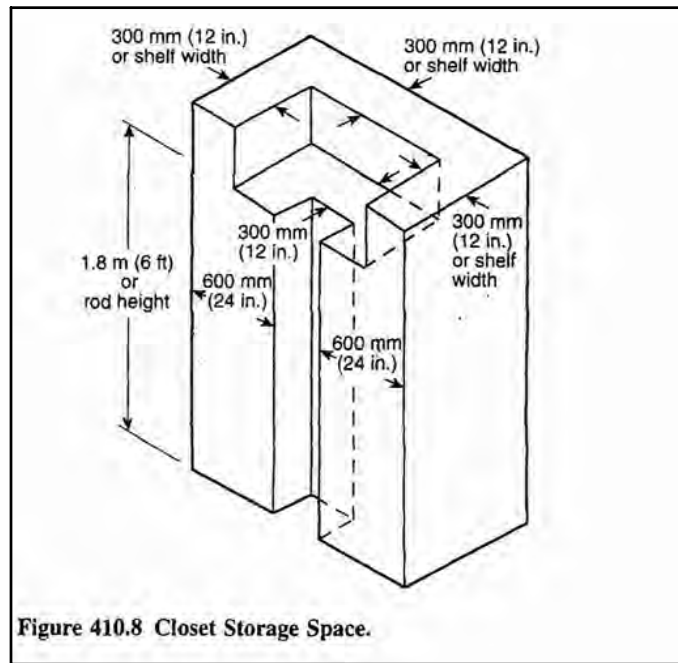
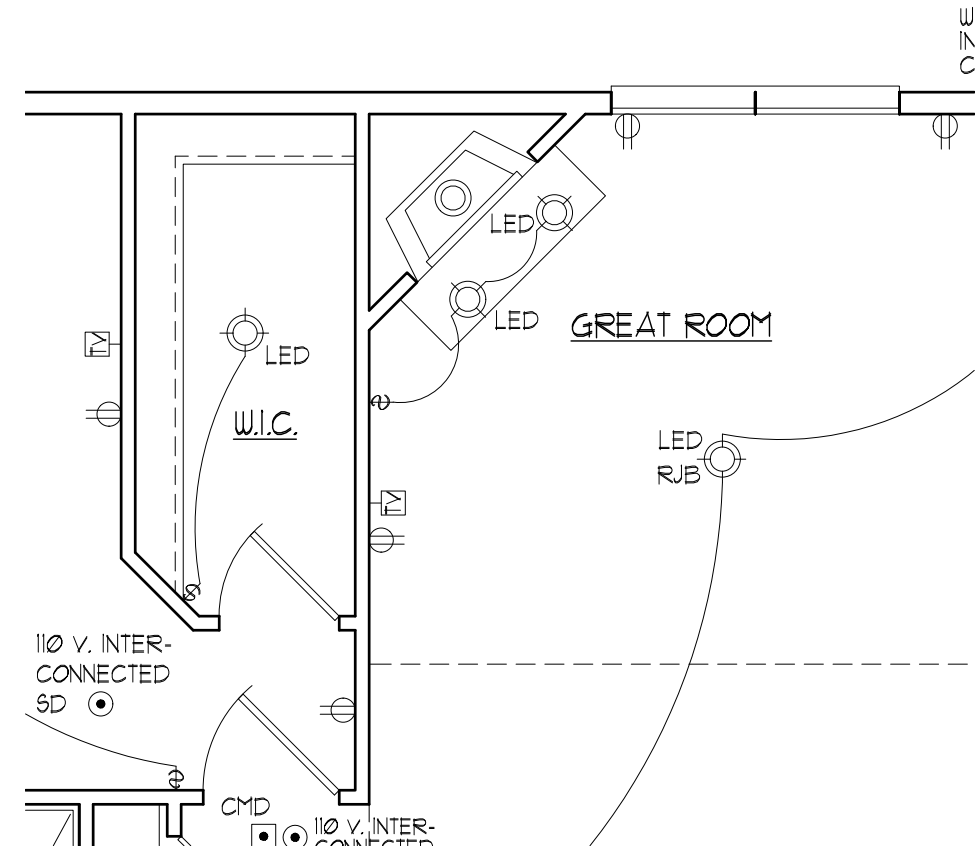


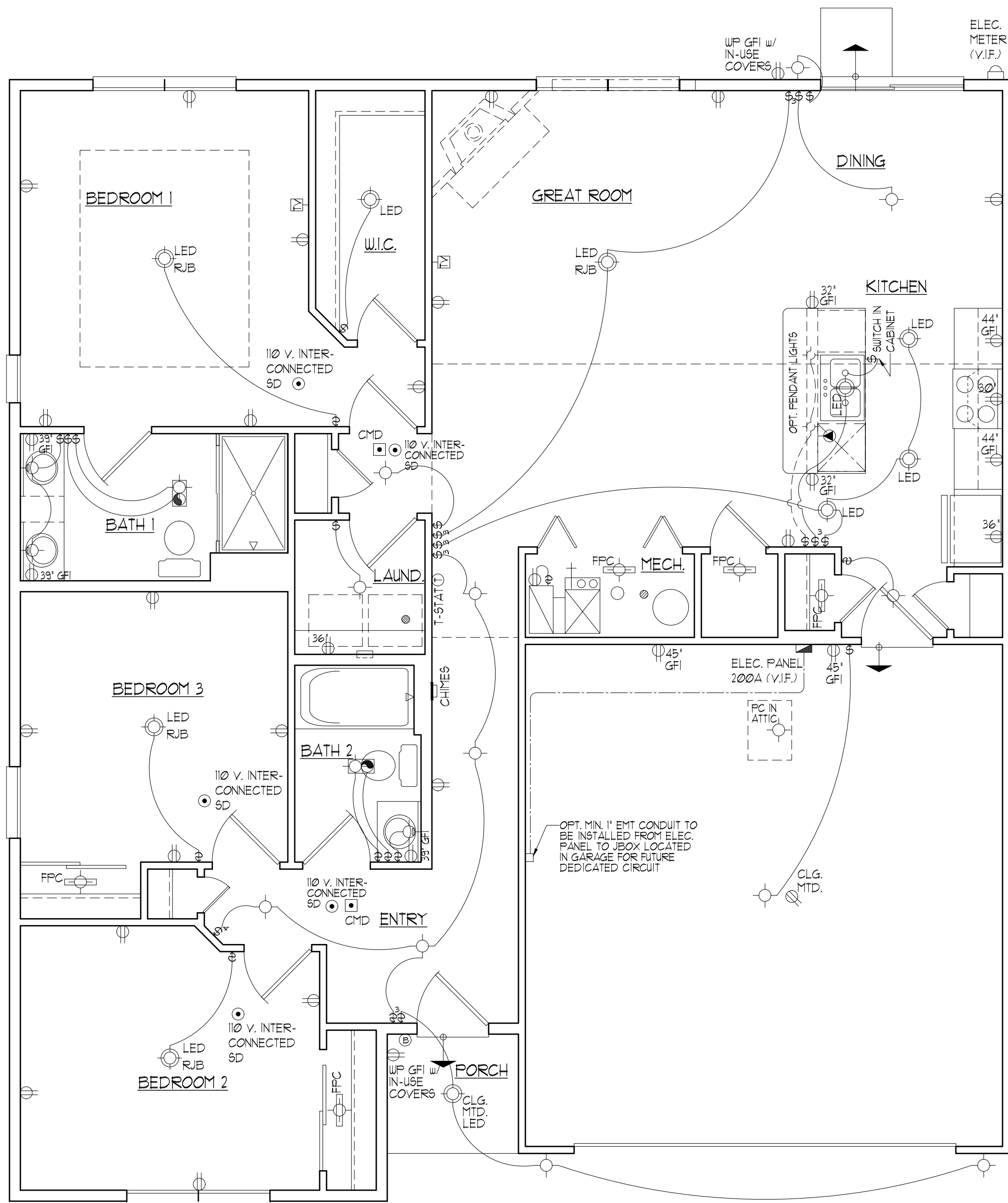
Figure 410.8 Closet Storage Space.

CLEARANCES FOR CLOSET LIGHTING
-ALL CLOSET LIGHTING FIXTURES TO HAVE A COMPLETELY ENCLOSED LAMP.



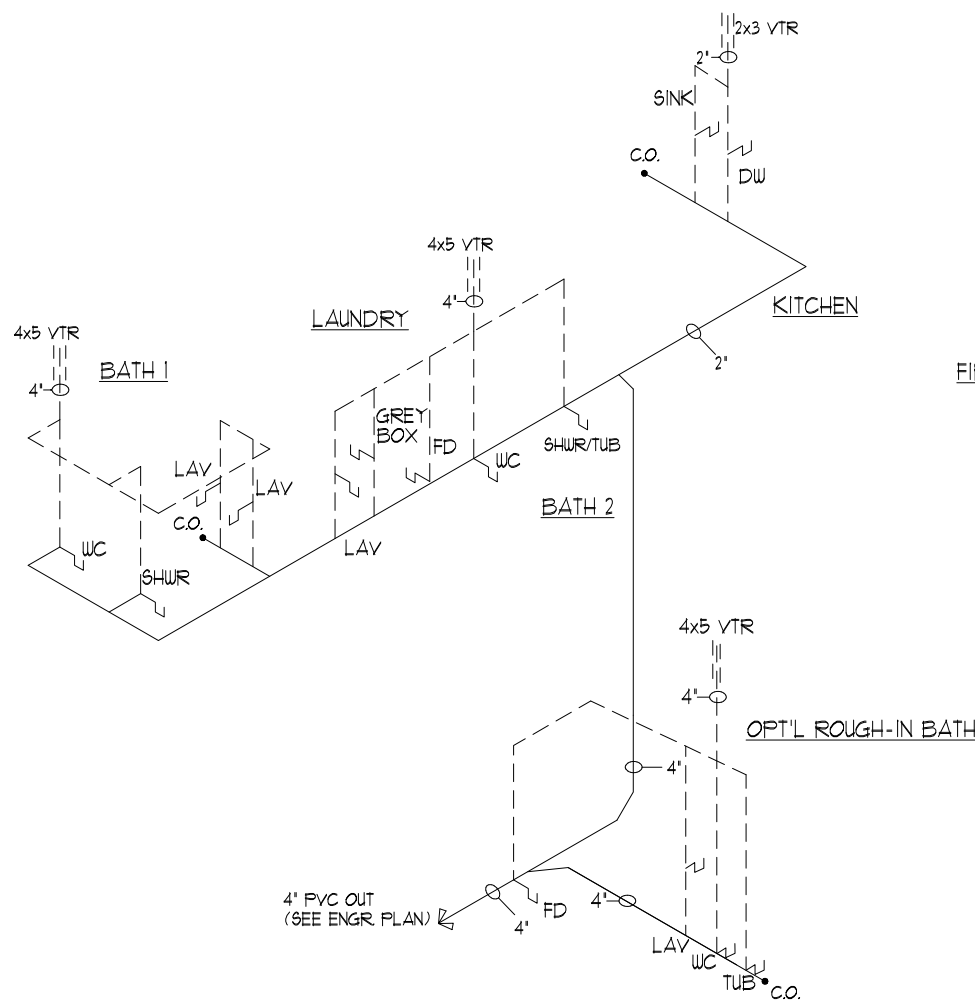
PART'L FIRST FLOOR PLAN w/ OPT'L FIREPLACE

SCALE: 1/4" = 1'-0"

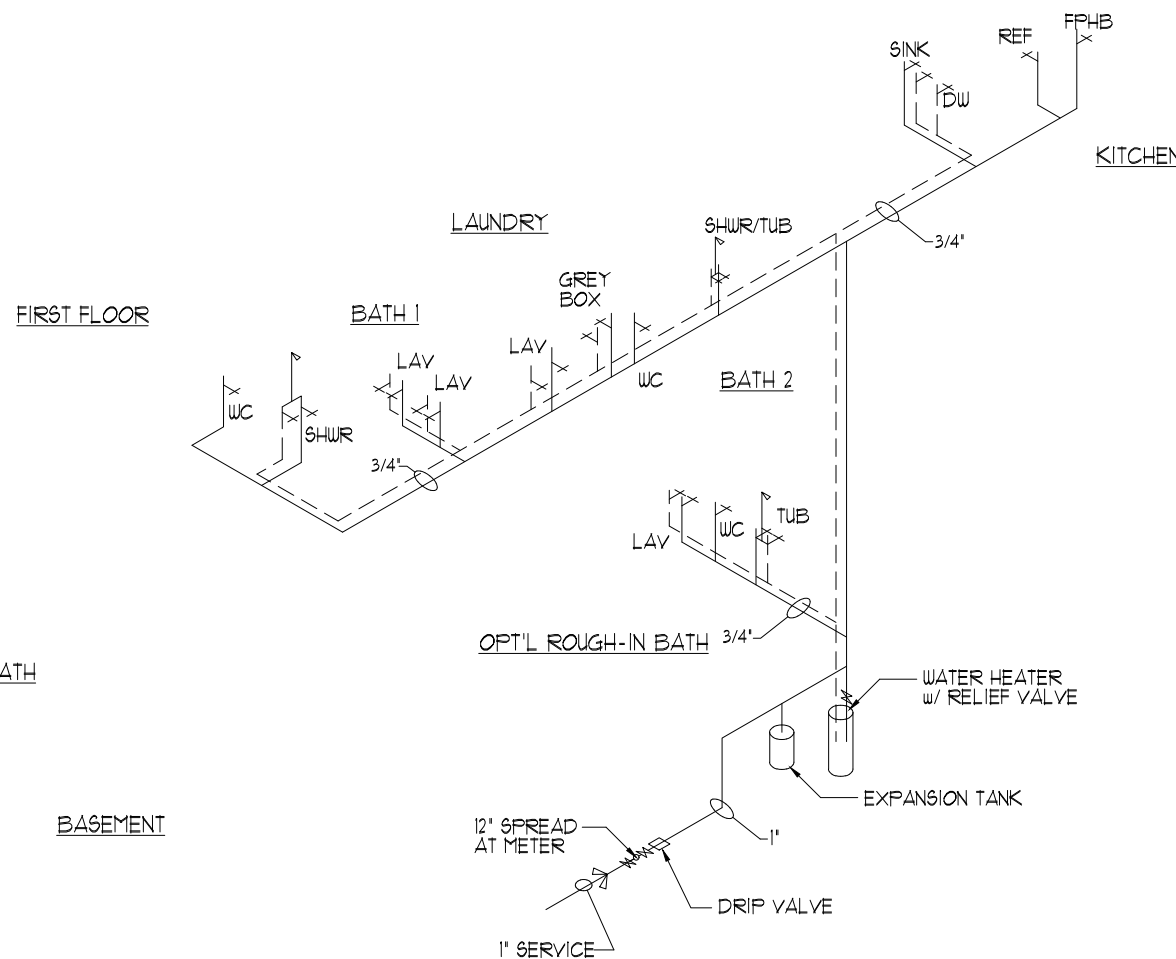


FIRST FLOOR ELECTRICAL PLAN (SLAB)

SCALE: 1/4" = 1'-0"



WASTE PIPING DIAGRAM



WATER SUPPLY RISER DIAGRAM

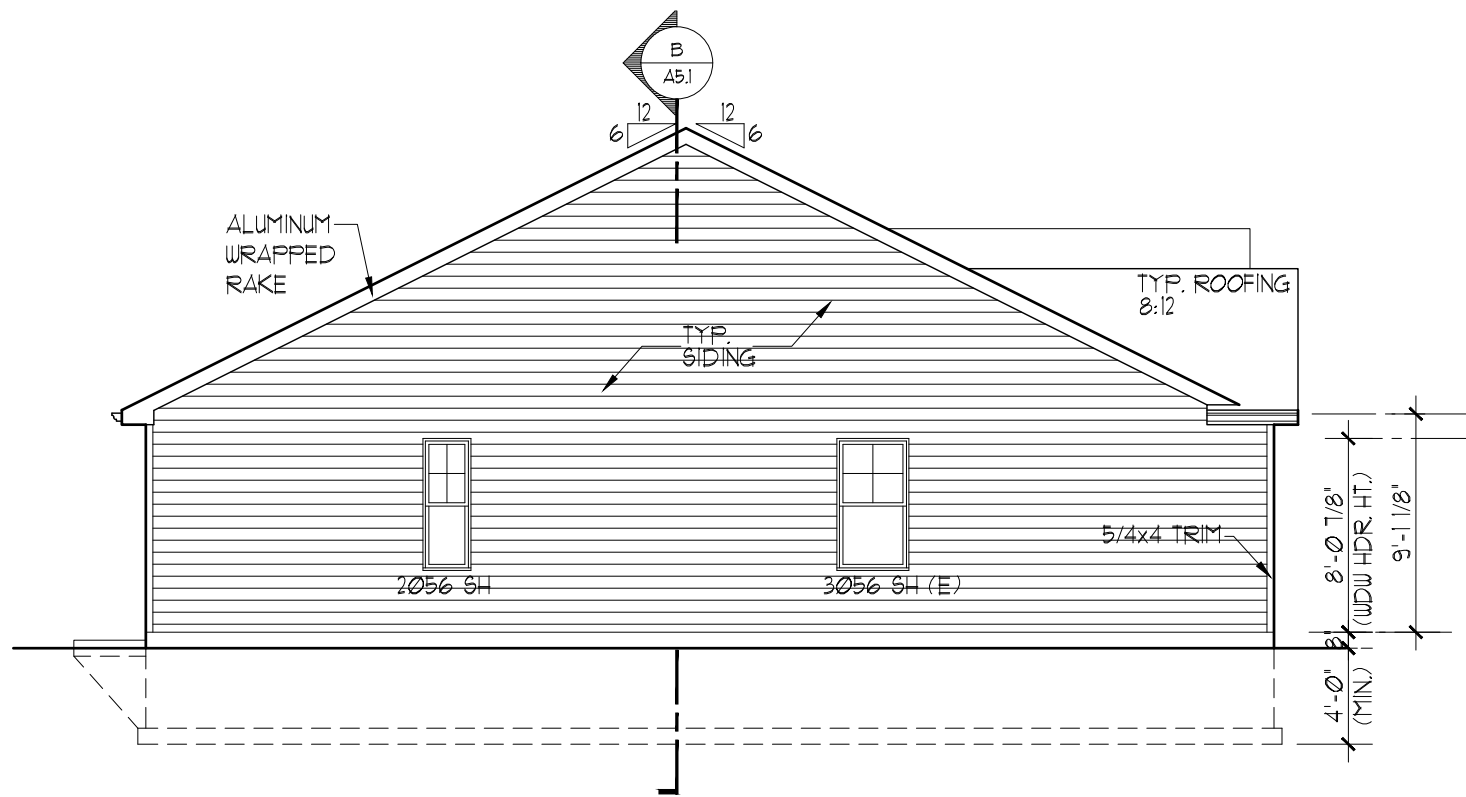
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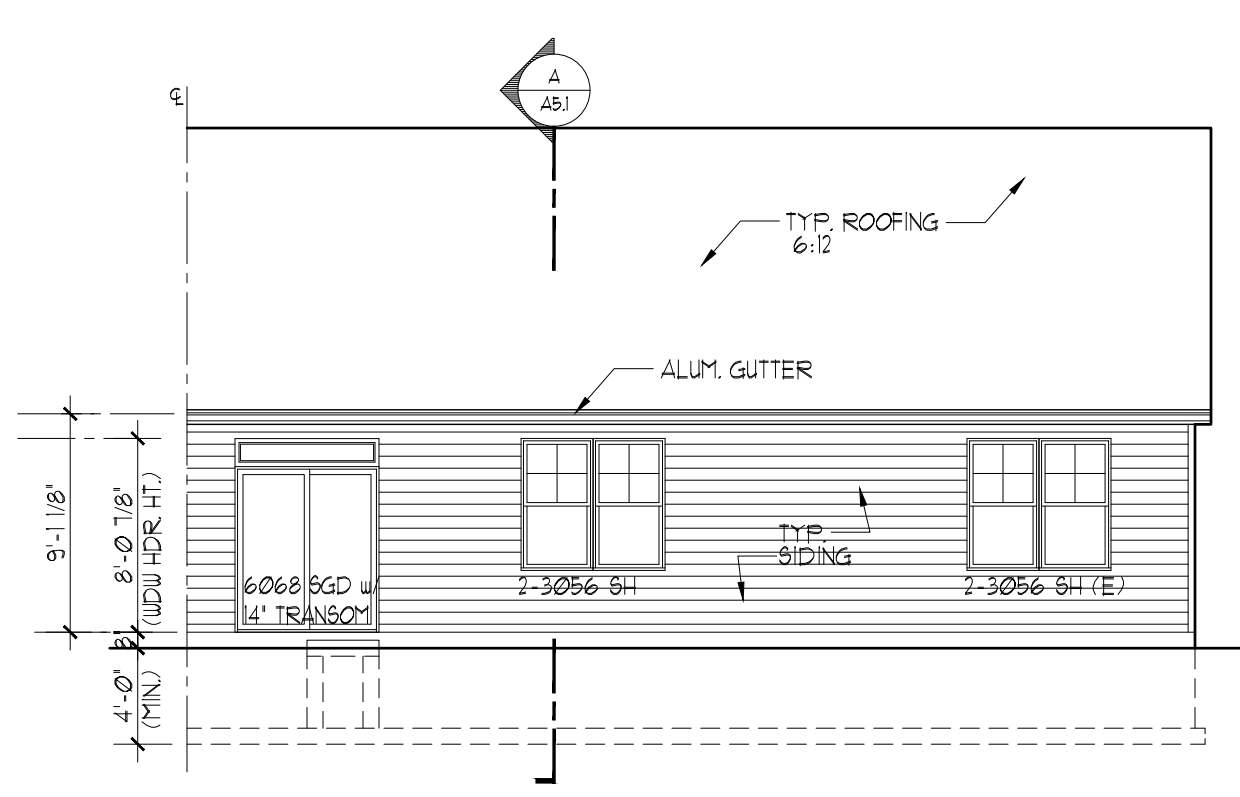
US SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
ELECTRICAL FLOOR PLANS (SLAB)
1458 PLAN

Sheet No.:
A3.1
1458-A3.1



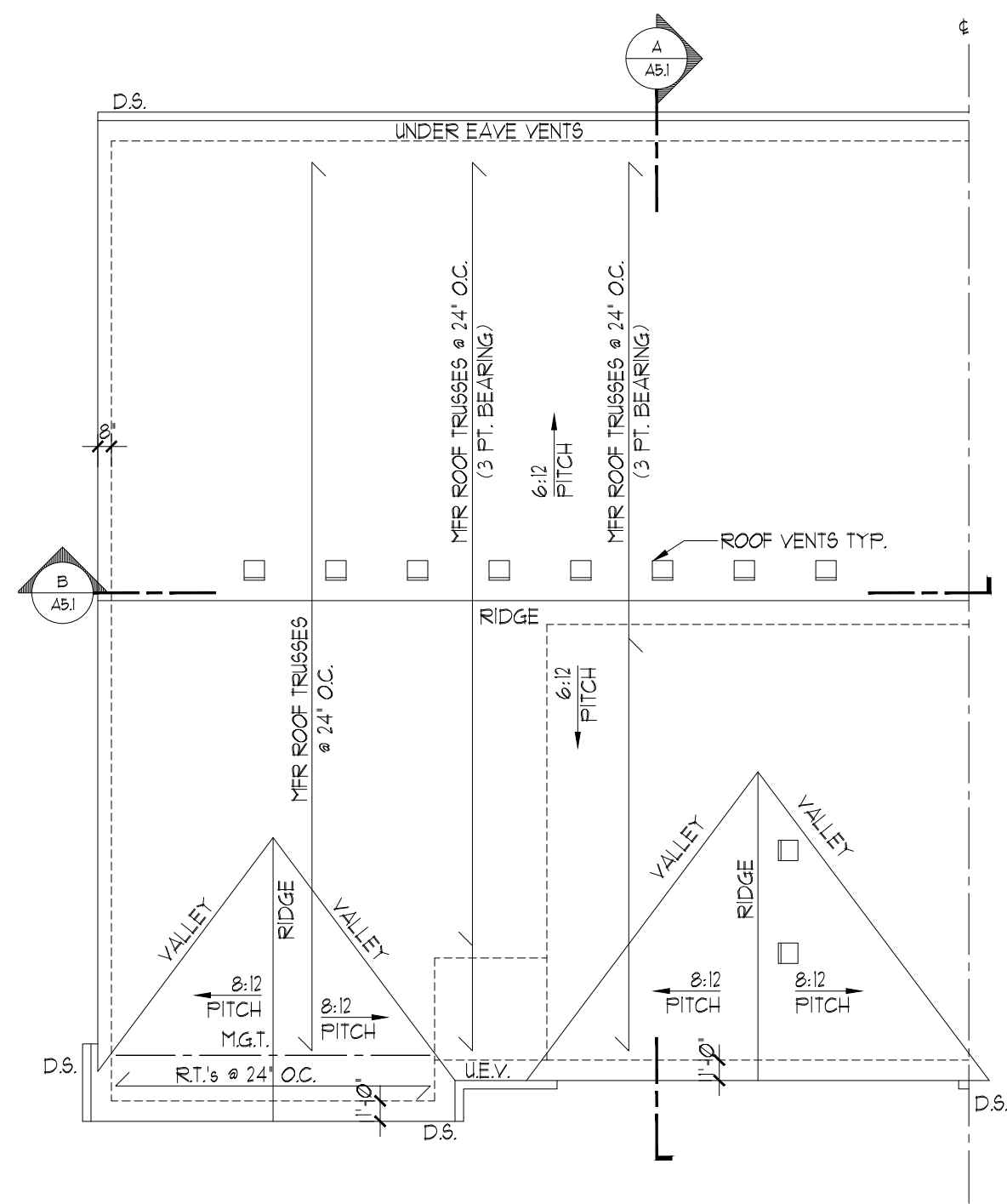
SIDE ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

SCALE: 1/8" = 1'-0"



ROOF VENT
-CONTINUOUS RIDGE VENT
(18 SQUARE INCHES PER LINEAR FOOT)
-SQUARE METAL ROOF VENT
(51 SQ. IN. NET FREE AREA) MIN. EACH
-CONTINUOUS SOFFIT VENT
(9.1 SQUARE INCHES PER LINEAR FOOT)

NOTES
- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY.
REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE, SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.

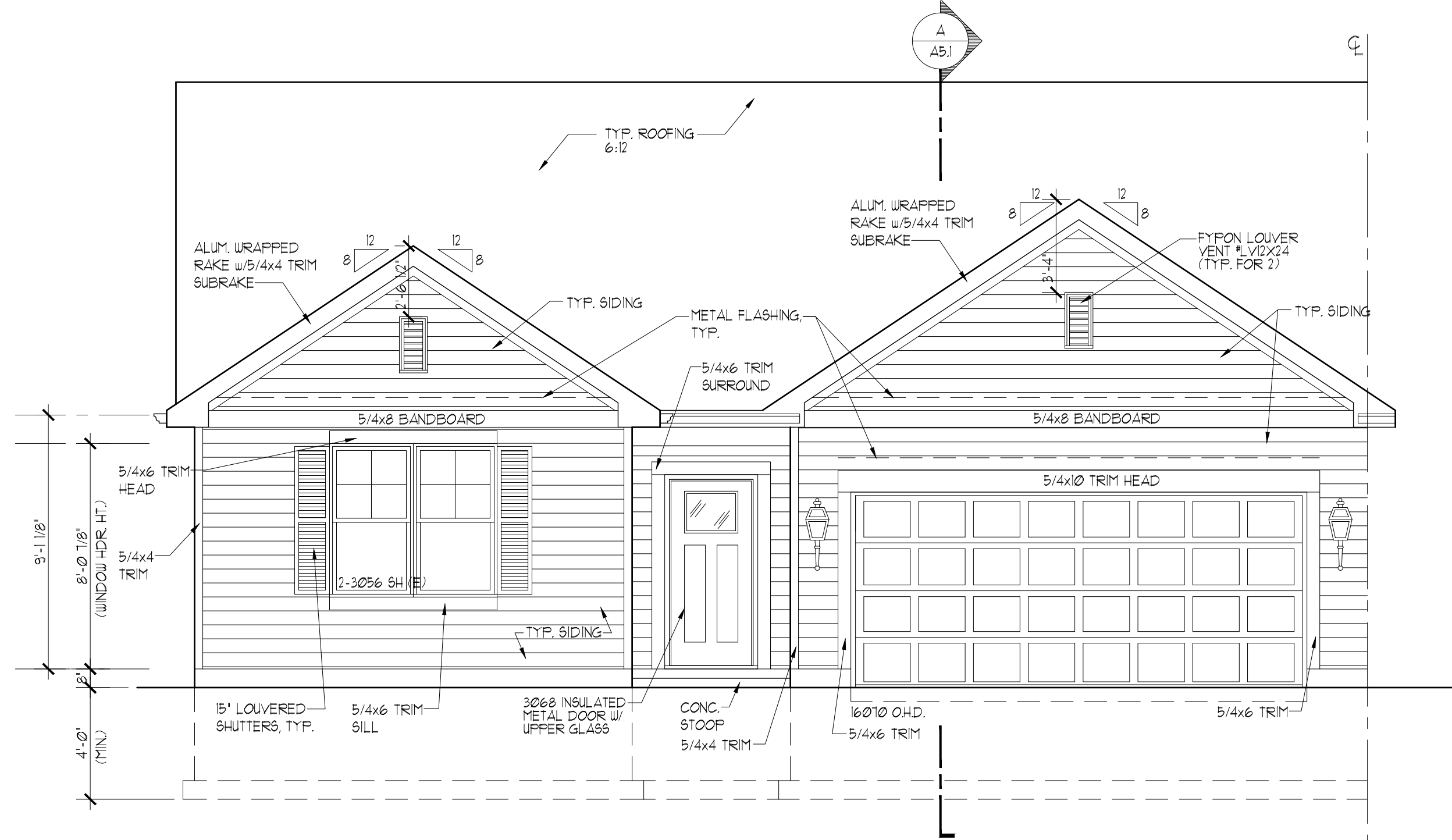
TRUSS MFR SHALL DESIGN, PROVIDE AND INSTALL ANY ANCHORAGE OF ROOF TRUSSES TO BEARING WALLS, HEADERS, OR BEAMS REQUIRED TO RESIST WIND UPLIFT OR OTHER DESIGN LOADS.

ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.

BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE

ROOF PLAN

SCALE: 1/8" = 1'-0"



FRONT ELEVATION 'A' (SLAB)

SCALE: 1/4" = 1'-0"

STANDARD ELEVATION NOTES

- 25 YEAR CLASS 'A' FIBERGLASS SHINGLES-TYPICAL ALL ROOFS
- SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS
- ALUMINUM FLASHING OVER ALL WINDOWS, DOORS AND WOOD TRIM
- ALUMINUM FLASHING AT ALL ROOF AND WALL INTERSECTIONS
- ALL SHUTTERS ARE LOUVERED, PANELED, or RUSTIC AS NOTED PER ELEVATION
- SEE DETAILS ON SHEET D1 FOR RAKE & EAVE DETAILS.
- VINYL CORNERS ON REAR
- FRONT ELEVATION CORNERS TO BE 5/4x4-5/4x4, SEE DETAIL ON SHEET D1)
- WINDOW TRIM PER ELEVATIONS
- 3/4x4 LP 'SMART TRIM' & WINDOW JAMBES W/O SHUTTERS AT FRONT (ONLY IF SHOWN)
- 3/4x4 LP 'SMART TRIM' & WINDOW SILLS AT FRONT (ONLY IF SHOWN)
- WINDOW HEADS AS NOTED PER ELEVATION
- ALUMINUM POT VENTS TO MATCH ROOF - TYP.
- FOR BRICK ELEVATIONS, PROVIDE 4" STONE SILLS UNDER FRONT DOOR AND WINDOWS
- PROVIDE STEEL LINTEL ABOVE WINDOWS AND DOOR WITH BRICK PER LINTEL SCHEDULE.
- PRECAST STONE LINTEL ABOVE WINDOWS (UNLESS OTHERWISE INDICATED)
- FOR ELEVATIONS WITH BRICK WAINSCOT, PROVIDE 4" STONE CAP.

WINDOW MANUFACTURER TO VERIFY 5.1 SQ. FT. OPENING FOR EGRESS WINDOW

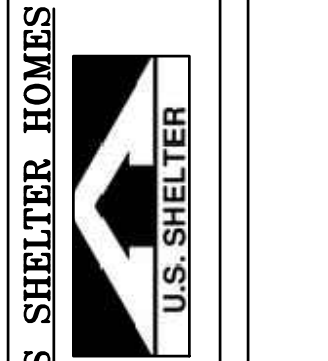
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Whitewater,
Wisconsin



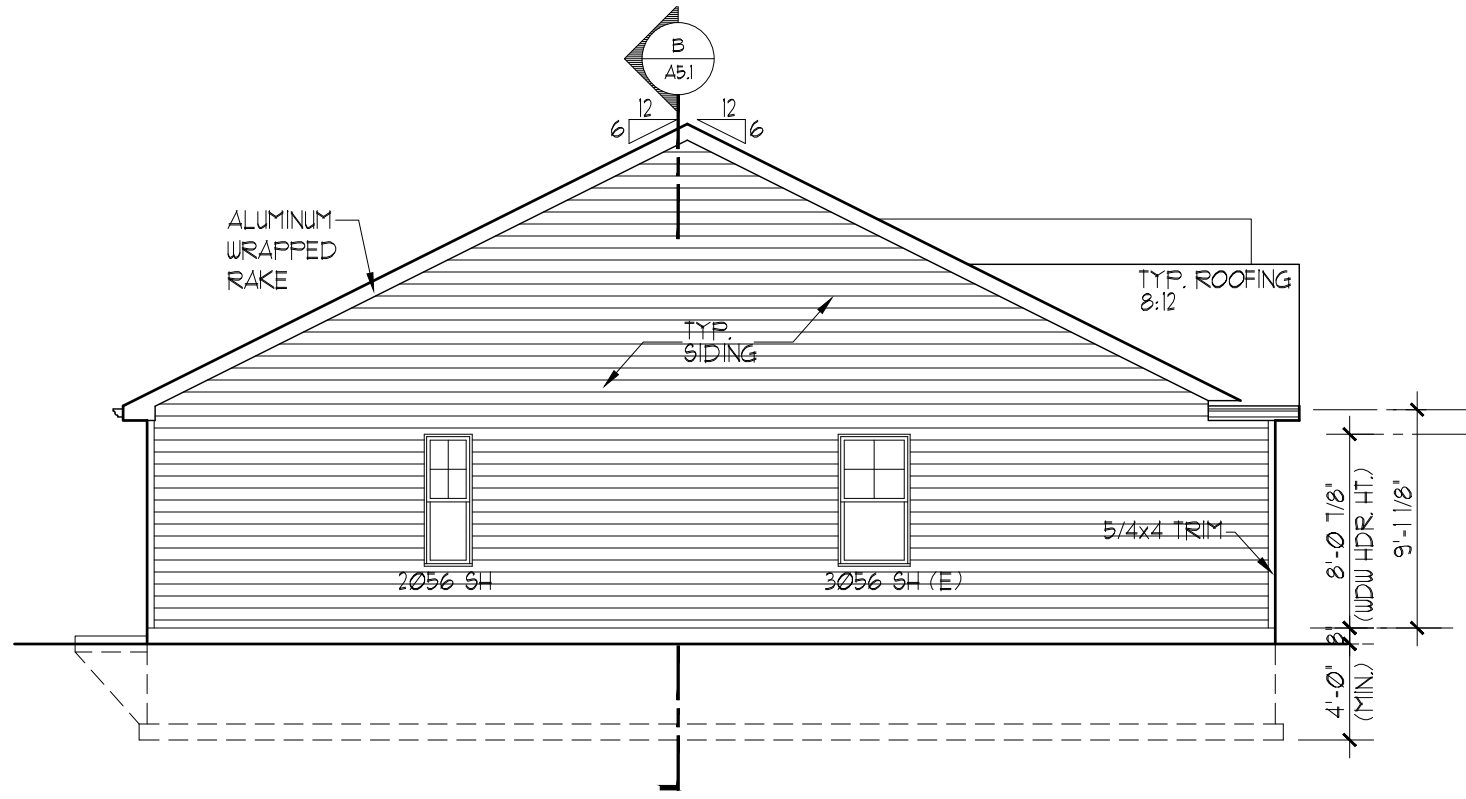
MOOND
MEADOWS
SUBDIVISION

ELEVATION "A" (SLAB)

1458 PLAN

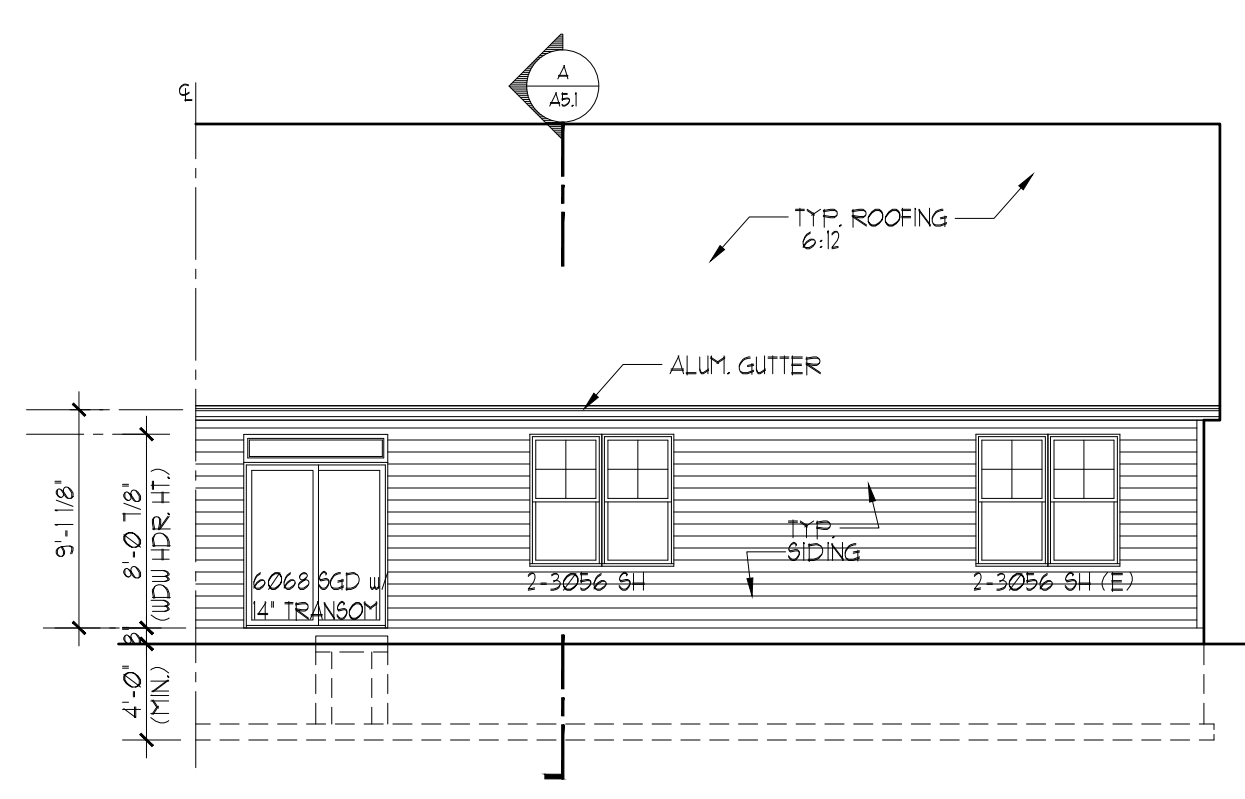
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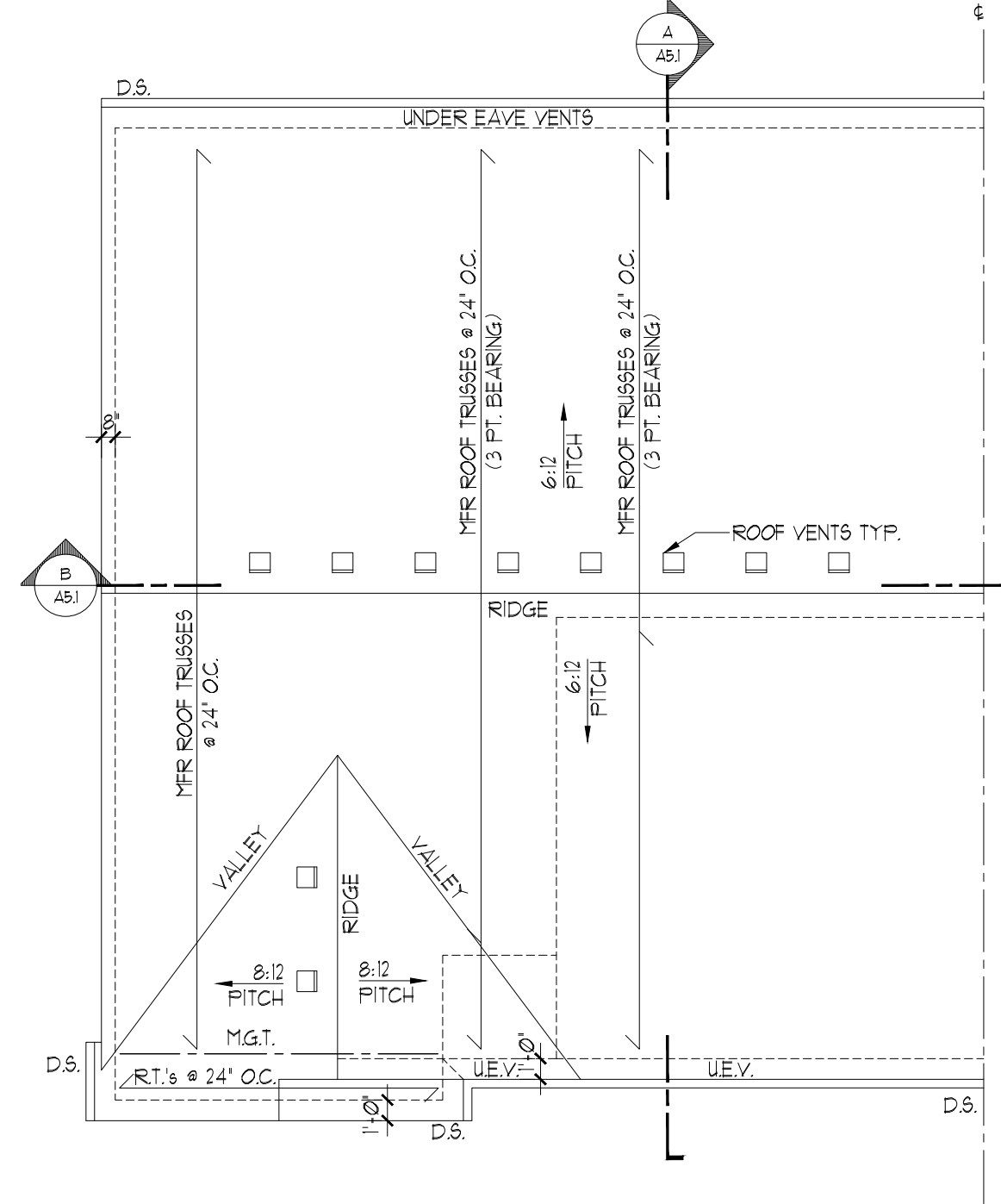
SIDE ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

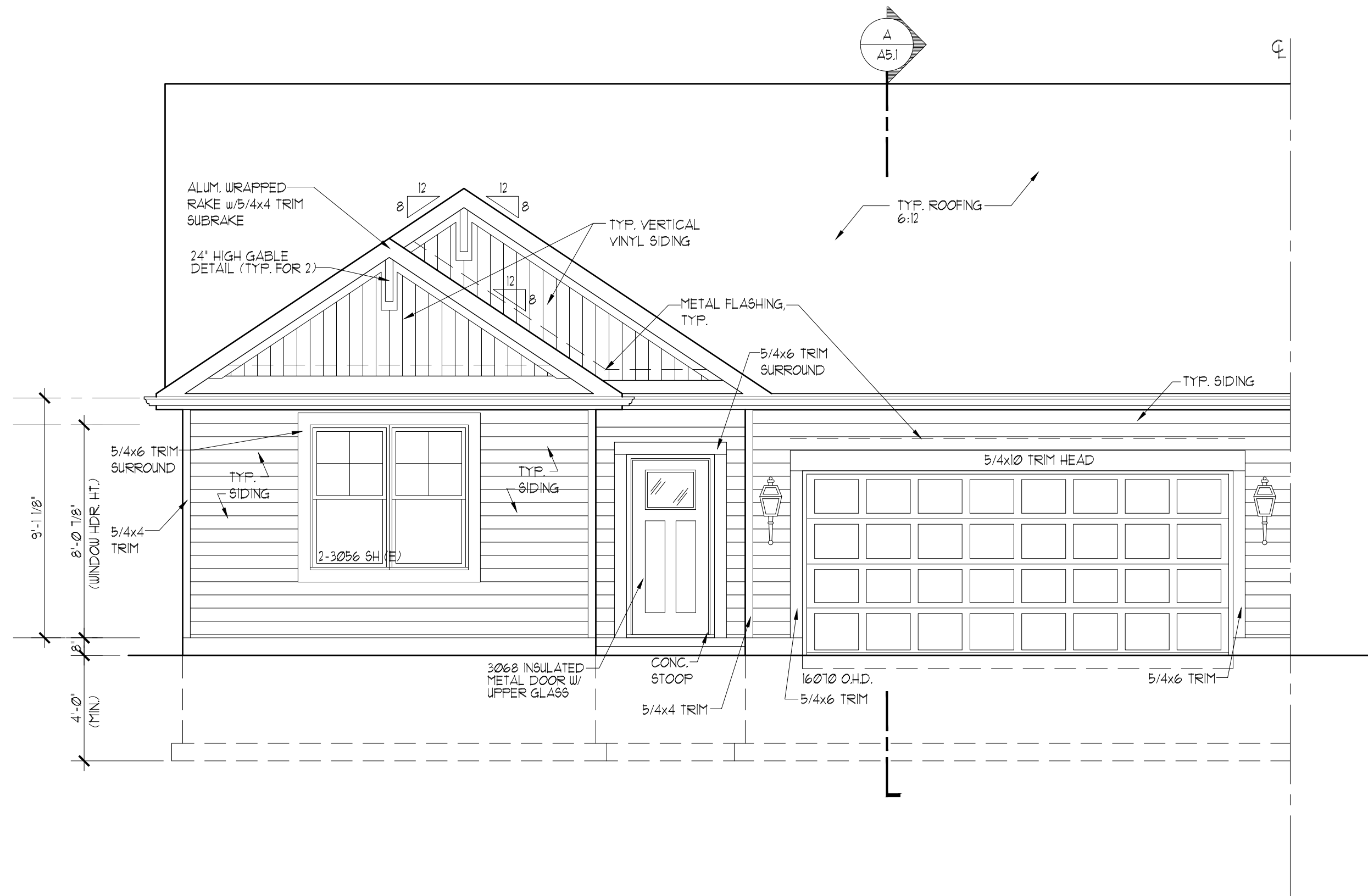
SCALE: 1/8" = 1'-0"



ROOF VENT	NOTES
-CONTINUOUS RIDGE VENT (18 SQUARE INCHES PER LINEAR FOOT)	- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
-SQUARE METAL ROOF VENT (51 SQ. IN. NET FREE AREA) MIN. EACH	- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
-CONTINUOUS SOFFIT VENT (9.1 SQUARE INCHES PER LINEAR FOOT)	- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
	- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY.
	- REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE, SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.
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ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.	
BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE	

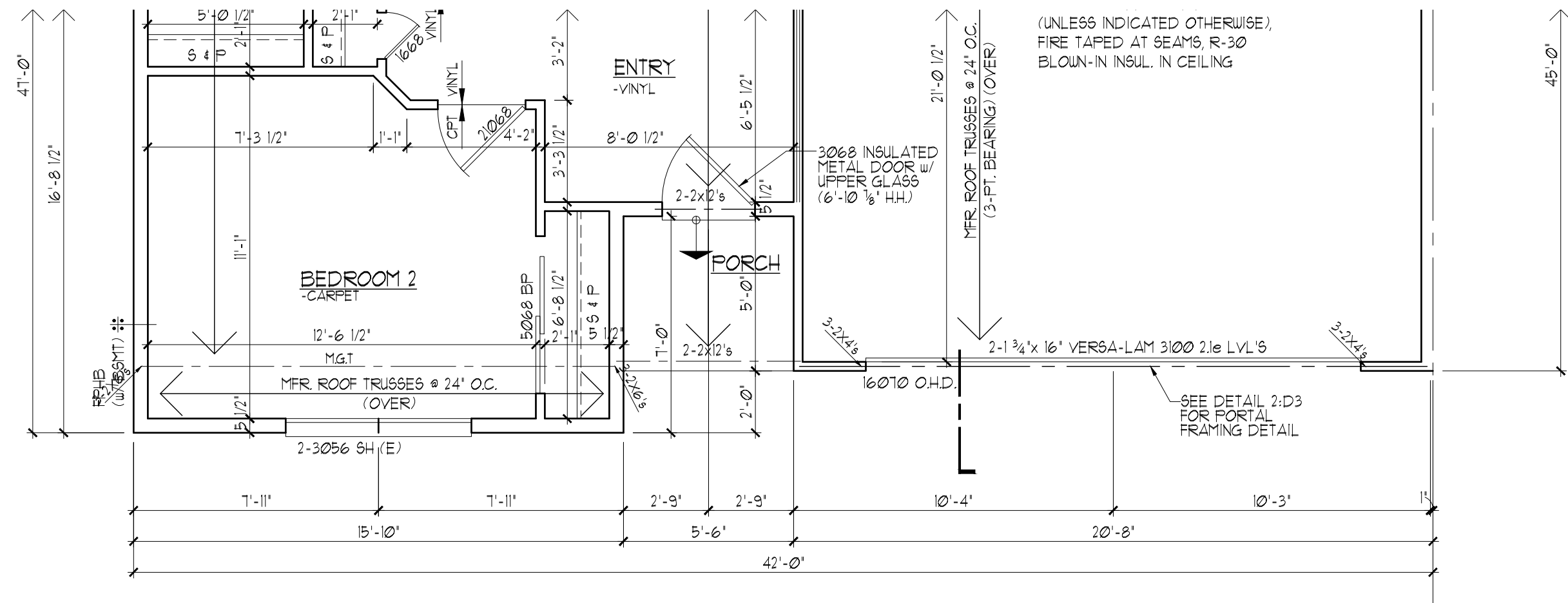
ROOF PLAN

SCALE: 1/8" = 1'-0"



FRONT ELEVATION 'B' (SLAB)

SCALE: 1/4" = 1'-0"



PART'L. FIRST FLOOR PLAN (SLAB) - ELEVATION 'B'

SCALE: 1/4" = 1'-0"

STANDARD ELEVATION NOTES

- 25 YEAR CLASS 'A' FIBERGLASS SHINGLES-TYPICAL ALL ROOFS
- FLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS
- ALUMINUM FLASHING OVER ALL WINDOWS, DOORS AND WOOD TRIM
- ALUMINUM FLASHING AT ALL ROOF AND WALL INTERSECTIONS
- ALL SHUTTERS ARE LOUVERED, paneled, or rustic as noted per elevation
- SEE DETAILS ON SHEET D1 FOR RAKE & EAVE DETAILS.
- VINYL CORNERS ON REAR
- FRONT ELEVATION CORNERS TO BE 5/4x4-5/4x4, SEE DETAIL ON SHEET D1)
- WINDOW TRIM PER ELEVATIONS
- 5/4x4 LP 'SMART TRIM' @ WINDOW JAMBS W/O SHUTTERS AT FRONT (ONLY IF SHOWN)
- 5/4x4 LP 'SMART TRIM' @ WINDOW SILLS AT FRONT (ONLY IF SHOWN)
- WINDOW HEADS AS NOTED PER ELEVATION
- ALUMINUM FOOT VENTS TO MATCH ROOF - TYP.
- FOR BRICK ELEVATIONS, PROVIDE 4" STONE SILLS UNDER FRONT DOORS AND WINDOWS
- PROVIDE STEEL LINTEL ABOVE WINDOWS AND DOOR WITH BRICK PER LITE SCHEDULE.
- PRECAST STONE LINTEL ABOVE WINDOWS (UNLESS OTHERWISE INDICATED)
- FOR ELEVATIONS WITH BRICK WAINSCOT, PROVIDE 4" STONE CAP.

WINDOW MANUFACTURER TO VERIFY 5.1 SQ. FT. OPENING FOR EGRESS WINDOW

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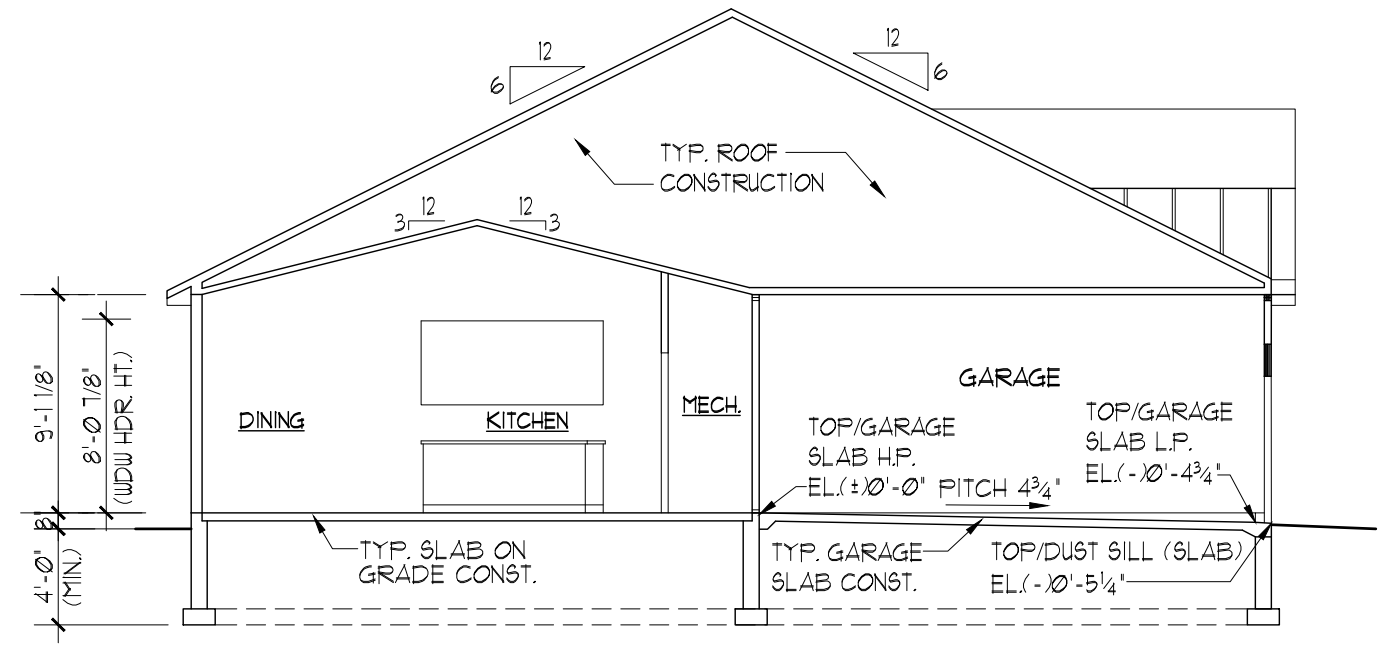
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Drawn By:	JLK/RJW																				
Chkd. By:																					

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US SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
1458 PLAN
ELEVATION "B" (SLAB)

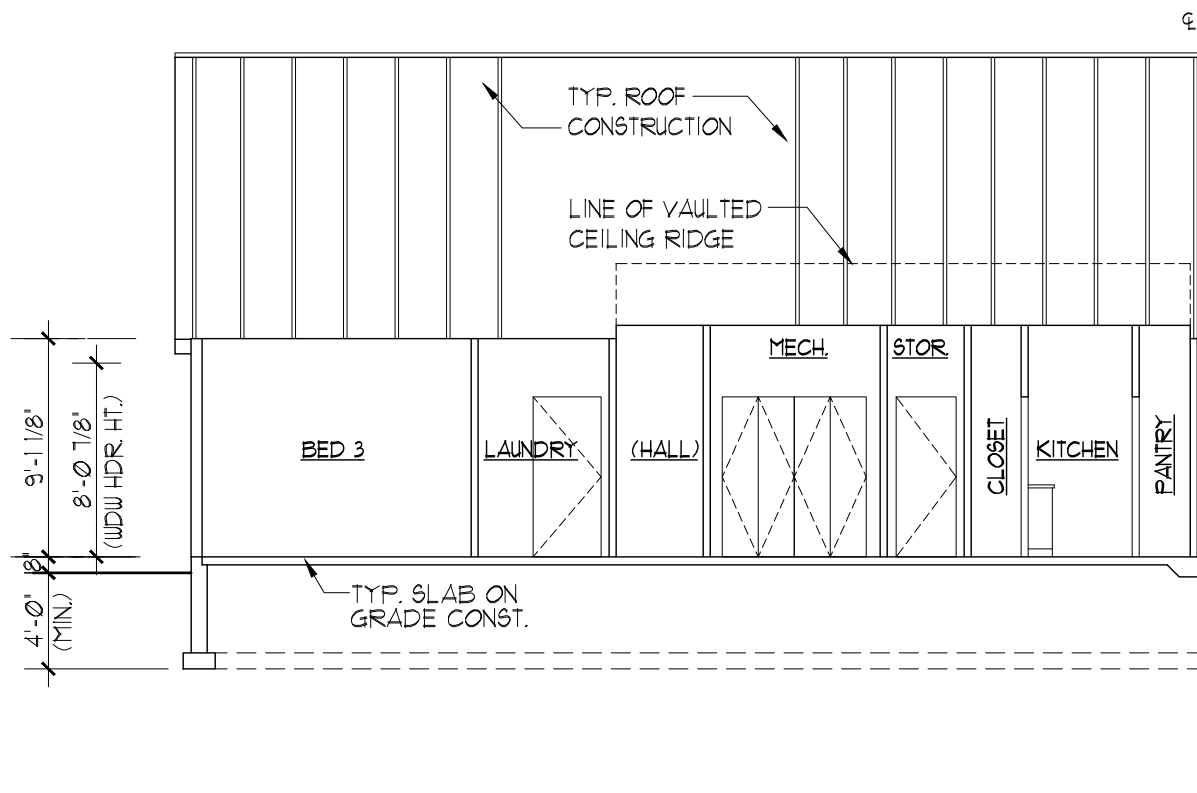
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A4.2



BUILDING SECTION 'A' - SLAB w/ 9' FIRST FLOOR

SCALE: 1/8" = 1'-0"



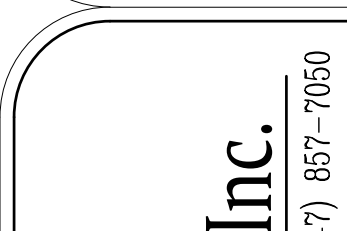
BUILDING SECTION 'B' - SLAB w/ 9' FIRST FLOOR

SCALE: 1/8" = 1'-0"

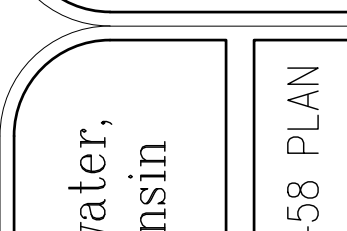
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U.S. SHELTER HOMES
MOUND MEADOWS SUBDIVISION



Whitewater,
Wisconsin

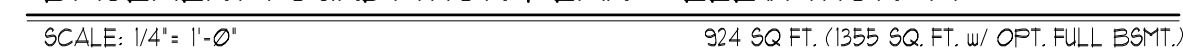
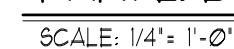


1458 PLAN

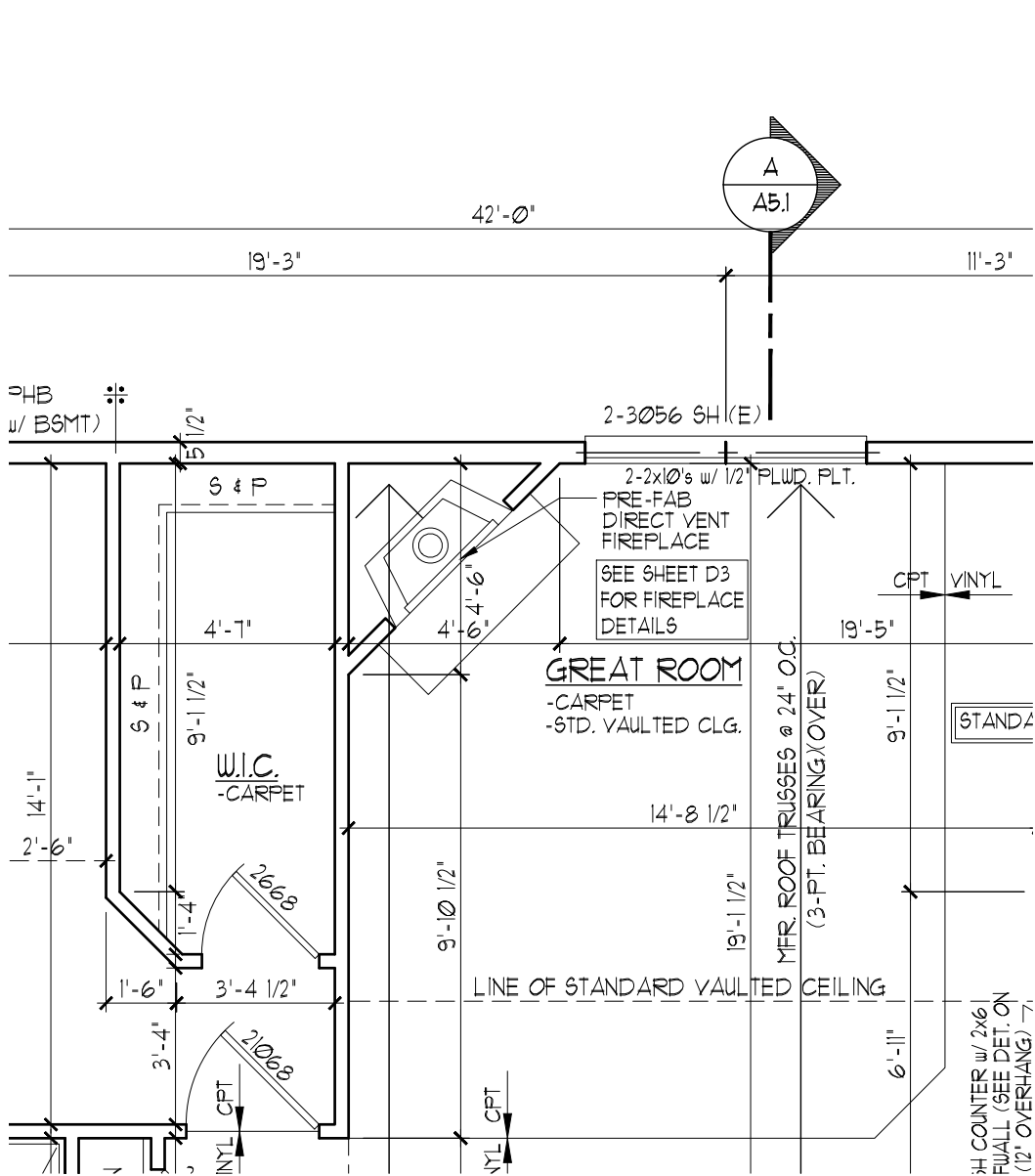
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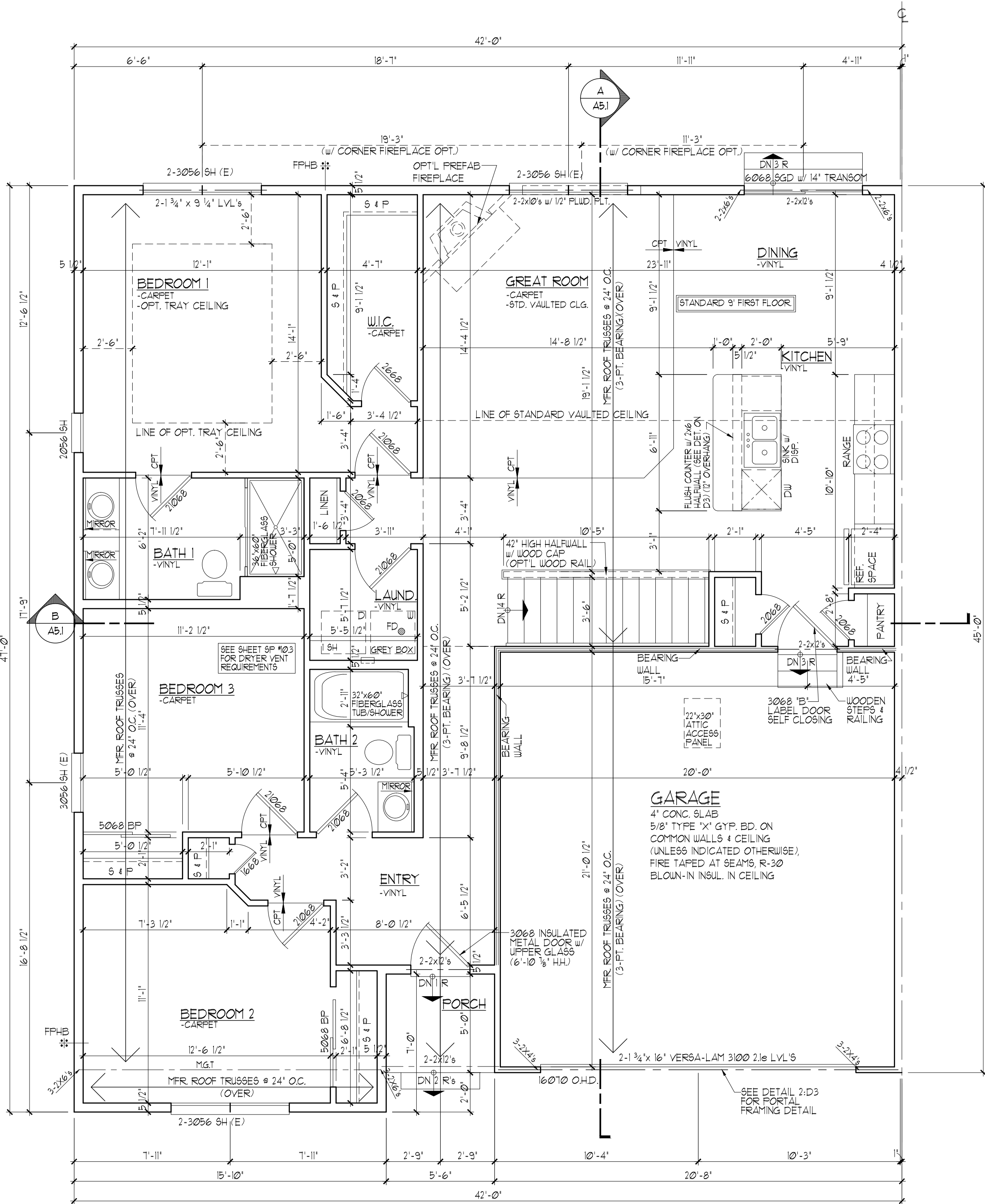
1458-A5.1



FLOOR PLAN NOTES:
-ALL FRAME WALL DIMENSIONS TO BE 3/16" TYP. UNLESS DIMENSIONED OTHERWISE.
-STANDARD DOOR HEADER HEIGHT, INCLUDING EXTERIOR DOORS, TO BE 6'-0" 7/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-WINDOW HEADER HEIGHT w/ 9'-1 1/8" FIRST FLOOR TO BE 8'-0" 7/8" ABOVE SUB FLOOR (UNLESS OTHERWISE NOTED).
-REAR PATIO DOOR HEADER HT. TO BE 7'-0" 7/8" ABOVE SUB FLOOR w/ 9'-1 1/8" FIRST FLOOR. ALL OTHER EXTERIOR DOOR TO REMAIN AT STANDARD DOOR HEADER HEIGHT.
-EXTERIOR OPENINGS TO HAVE 2-2x10's w/ 1/2" CONT. PLY. PLATE HEADER UNLESS OTHERWISE NOTED.
-DRYWALL WRAP ALL (3) SIDES OF WINDOWS, AND PROVIDE STOOL & APRON.



PART'L FIRST FLOOR PLAN w/ OPT'L. FIREPLACE
SCALE: 1/4" = 1'-0"



FIRST FLOOR PLAN (BSMT) - ELEVATION 'A'

SCALE: 1/4" = 1'-0"

1458 SQ. FT.

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U.S. SHELTER HOMES
MOUND MEADOWS SUBDIVISION
1458 PLAN
FLOOR PLANS (BSMT)

Sheet No.:
A2.1
1458-A2.1

ELECTRICAL KEY

- DUPLEX OUTLET
- HALF-SWITCHED DUPLEX OUTLET
- GROUND FAULT INTERRUPTER DUPLEX OUTLET
- WEATHER PROOF 4 GFI DUPLEX OUTLET
- SPECIAL PURPOSE OUTLET
- 220V 220 VOLT OUTLET
- WALL SWITCH
- THREE-WAY SWITCH
- FOUR-WAY SWITCH
- CEILING MOUNTED INCANDESCENT LIGHT FIXTURE
- WALL MOUNTED INCANDESCENT LIGHT FIXTURE
- PHOTOCELL ACTIVATED LIGHT FIXTURE
- LED CEILING MOUNTED LED LIGHT FIXTURE
- RECESSED INCANDESCENT LIGHT FIXTURE
- 'EYE BALL' LIGHT FIXTURE
- PC LIGHT FIXTURE WITH PULL CHAIN
- TRACK LIGHT FIXTURE
- FLUORESCENT LIGHT FIXTURE
- PC FLUORESCENT LIGHT FIXTURE w/ PULL CHAIN
- EXHAUST FAN
- EXHAUST FAN/LIGHT FIXTURE
- DOOR BELL RINGER
- CHIMES
- 120V, INTERCONNECTED SMOKE DETECTOR
- ELECTRIC DOOR OPERATOR
- PHONE
- THERMOSTAT
- TELEVISION
- HEAT DETECTOR
- SMART PAD
- CEILING FAN

LIGHT & VENT SCHEDULE							
ROOM NAME	AREA	LIGHT		VENT		MECH CFM	
		REQ.	ACT.	REQ.	ACT.	REQ.	ACT.
KIT./GREAT RM/DIN.	489.61	38.11	66.09	19.59	33.33	N/A	N/A
BEDROOM 1	181.53	15.00	29.44	7.50	15.03	N/A	N/A
BEDROOM 2	133.90	10.71	22.64	5.36	11.54	N/A	N/A
BEDROOM 3	171.03	10.16	11.32	5.08	5.71	N/A	N/A
BATH 1	65.33	N/A	N/A	N/A	N/A	91.99	100.00
BATH 2	42.81	N/A	N/A	N/A	N/A	64.22	70.00
BASEMENT	923.41	18.41	32.00	18.41	32.00	N/A	N/A
OPT'L FULL BSMT.	1354.18	21.10	32.00	21.10	32.00	N/A	N/A

PROVIDE COMBINATION TYPE AFCI BREAKERS FOR ALL CIRCUITS IN ALL HABITABLE ROOMS EXCEPT BATHROOMS & GARAGES.

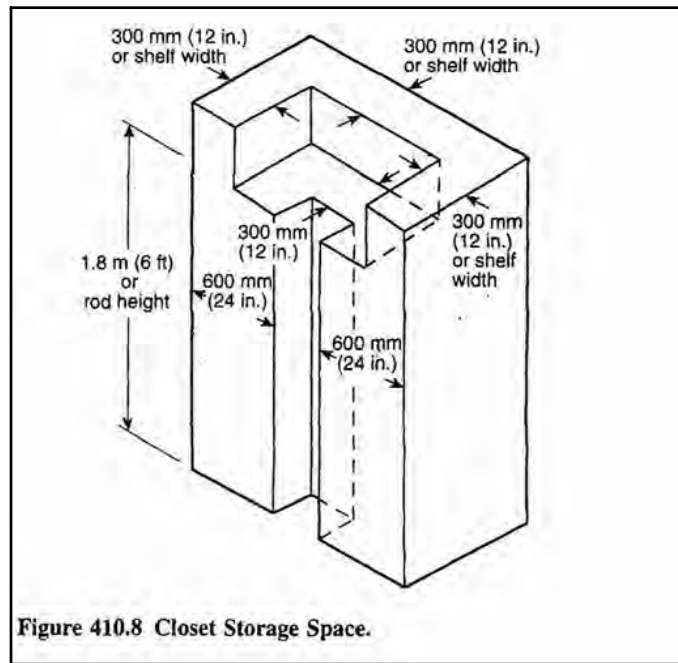
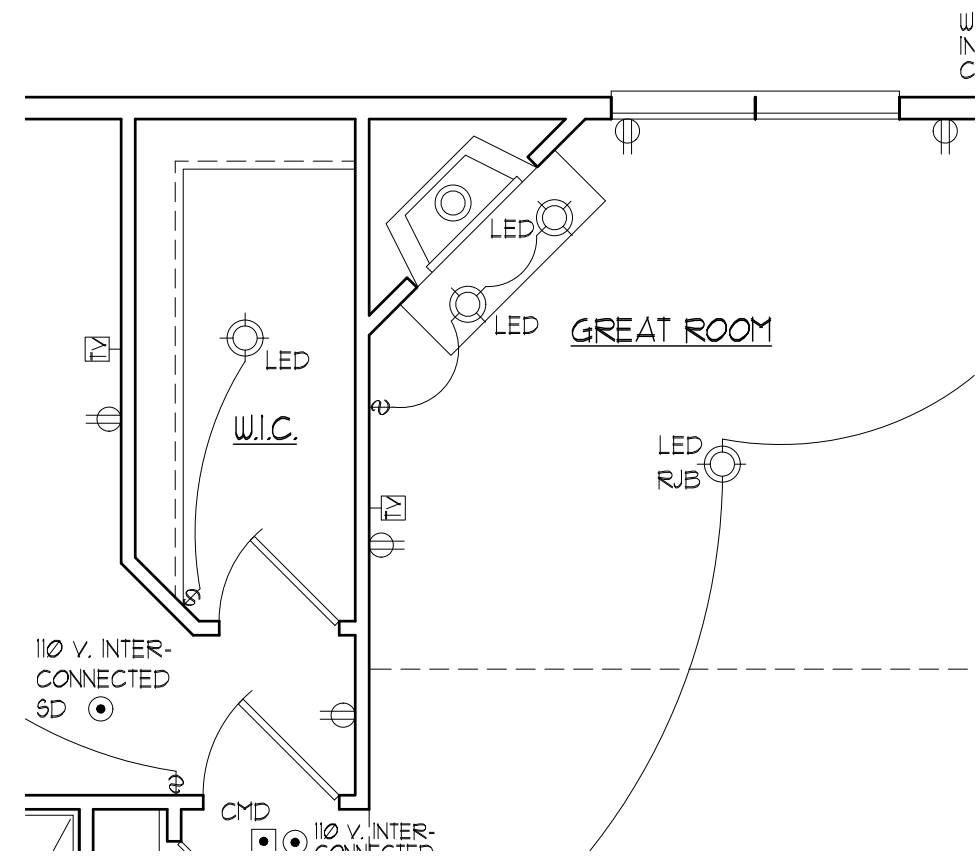


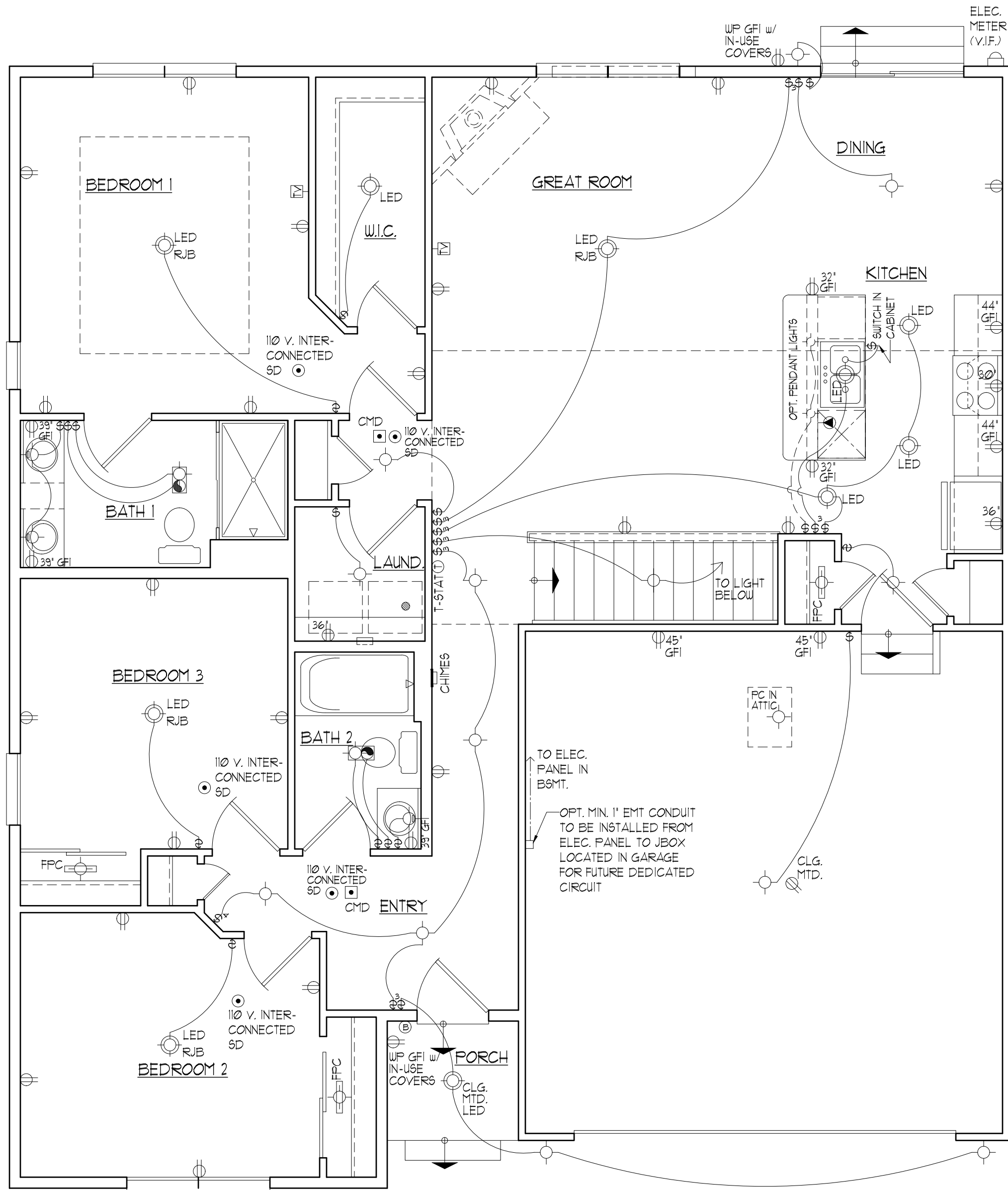
Figure 410.8 Closet Storage Space.

CLEARANCES FOR CLOSET LIGHTING
-ALL CLOSET LIGHTING FIXTURES TO HAVE A COMPLETELY ENCLOSED LAMP.



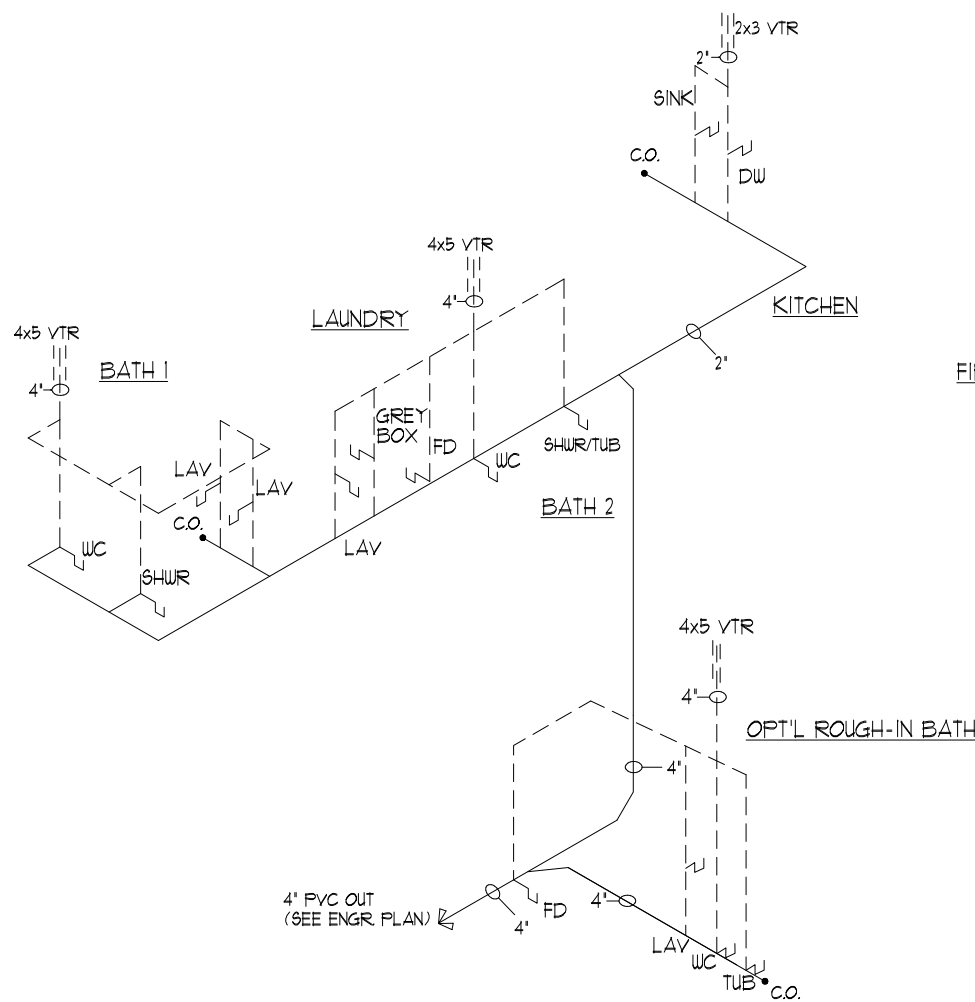
PART'L FIRST FLOOR PLAN w/ OPT'L FIREPLACE

SCALE: 1/4" = 1'-0"

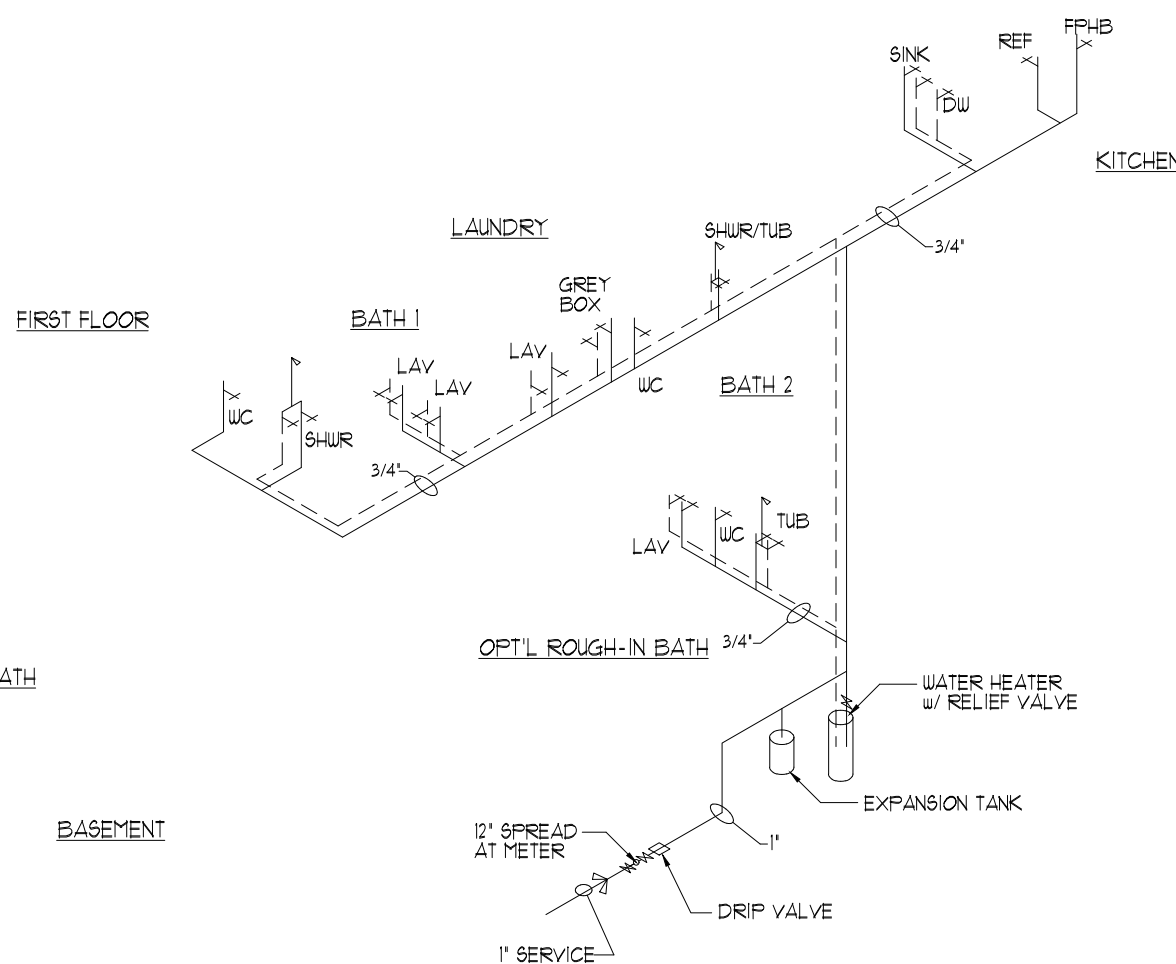


FIRST FLOOR ELECTRICAL PLAN (BSMT)

SCALE: 1/4" = 1'-0"



WASTE PIPING DIAGRAM



WATER SUPPLY RISER DIAGRAM

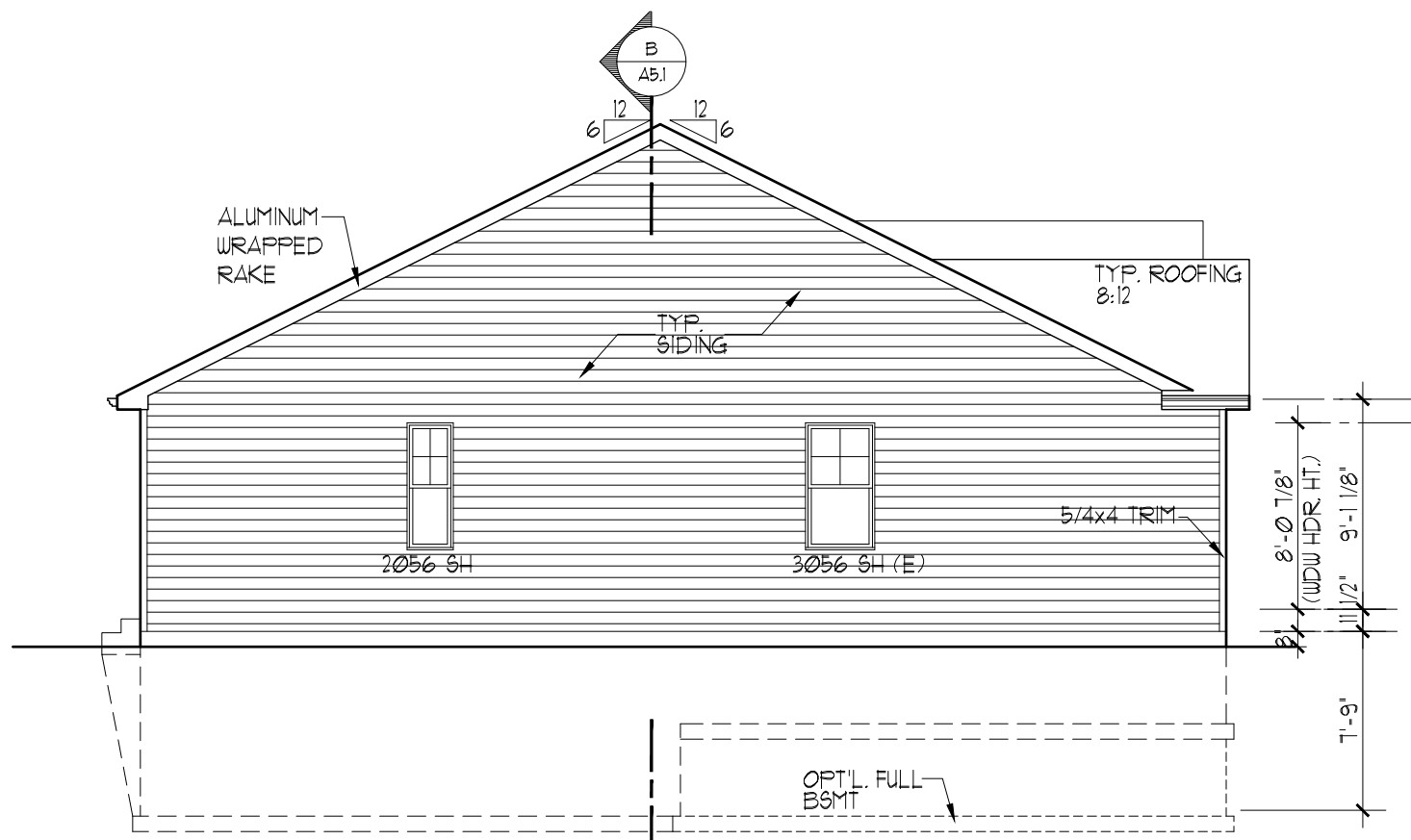
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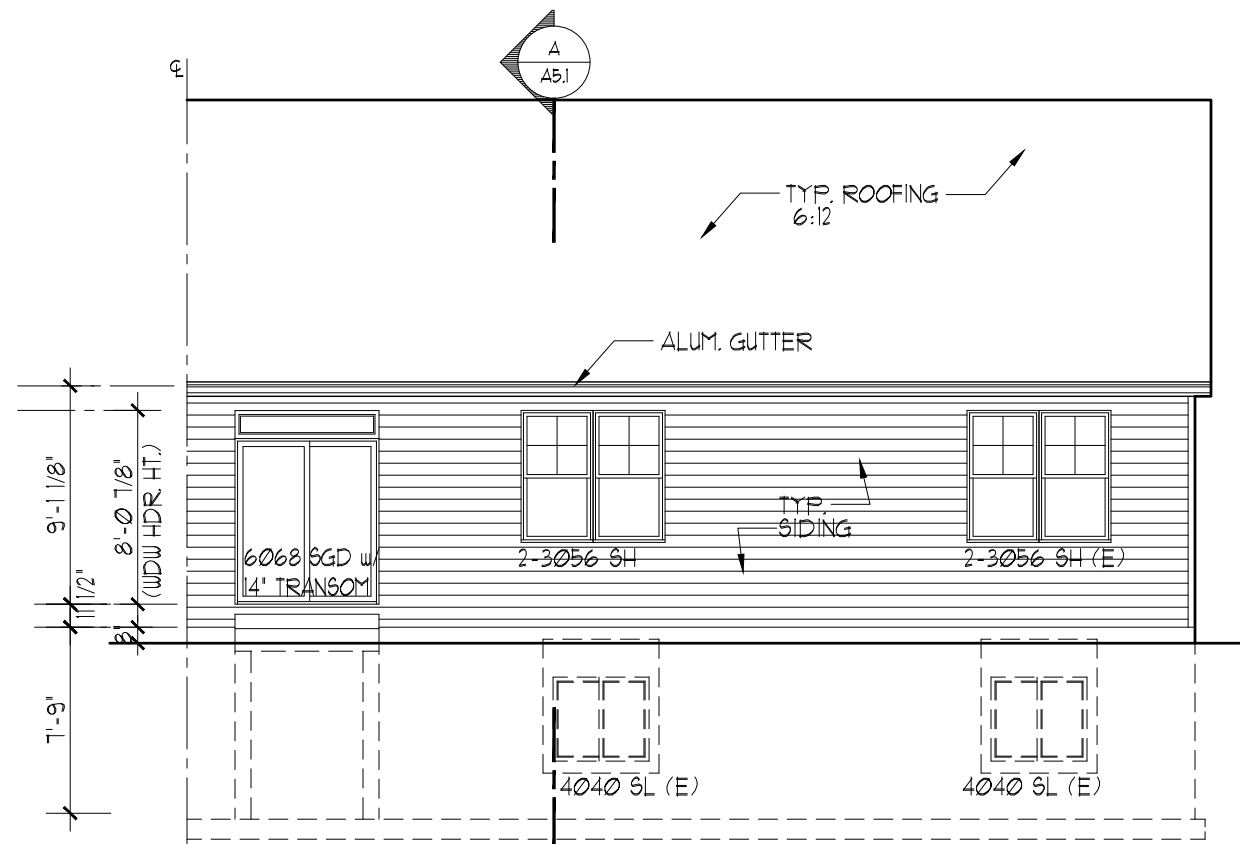
U.S. SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
ELECTRICAL FLOOR PLANS (BSMT)
1458 PLAN

Sheet No.:
A3.1
1458-A3.1



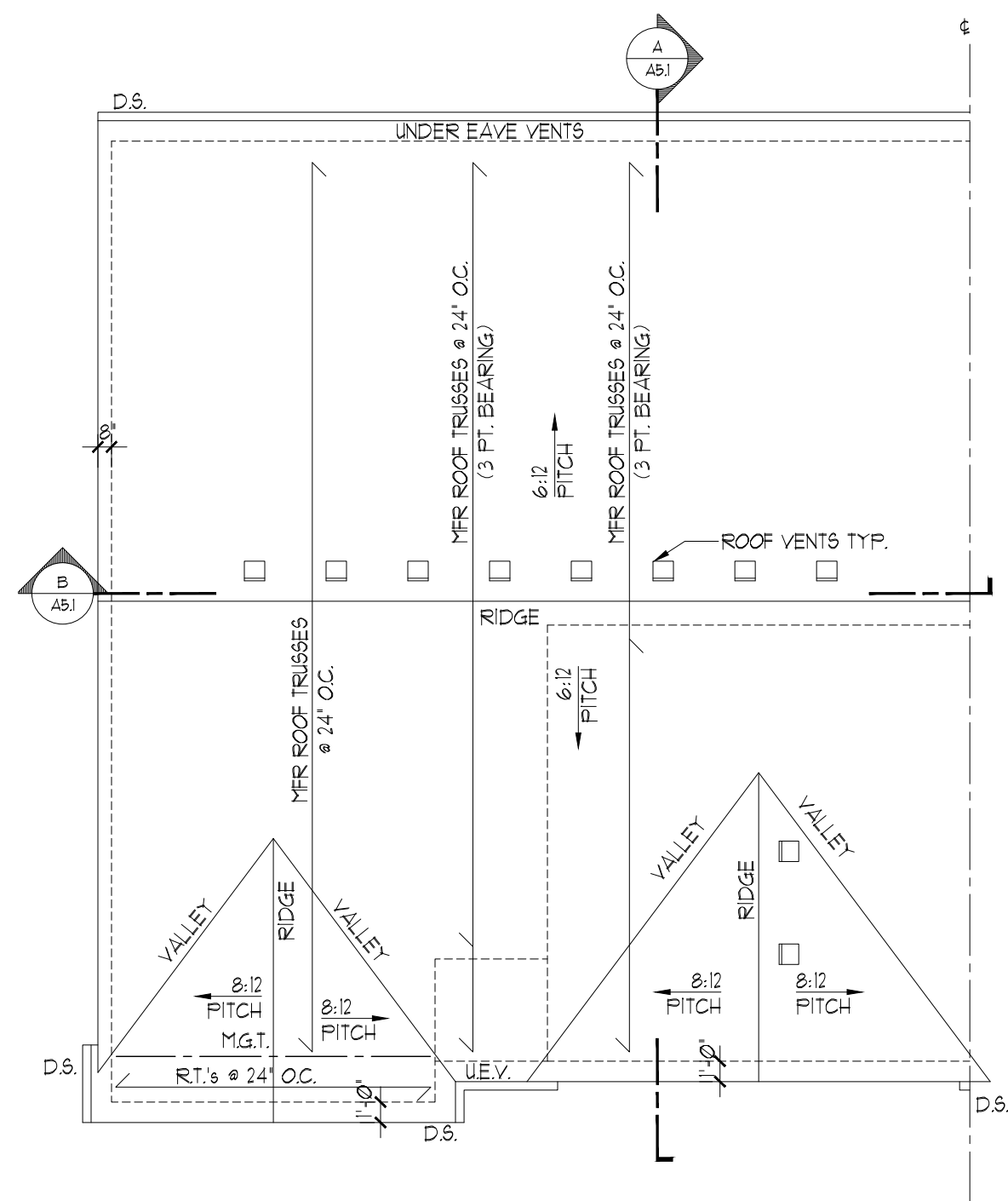
SIDE ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

SCALE: 1/8" = 1'-0"



ROOF VENT
-CONTINUOUS RIDGE VENT
(18 SQUARE INCHES PER LINEAR FOOT)
-SQUARE METAL ROOF VENT
(51 SQ. IN. NET FREE AREA) MIN. EACH
-CONTINUOUS SOFFIT VENT
(9.1 SQUARE INCHES PER LINEAR FOOT)

NOTES
- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY.
REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE, SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.

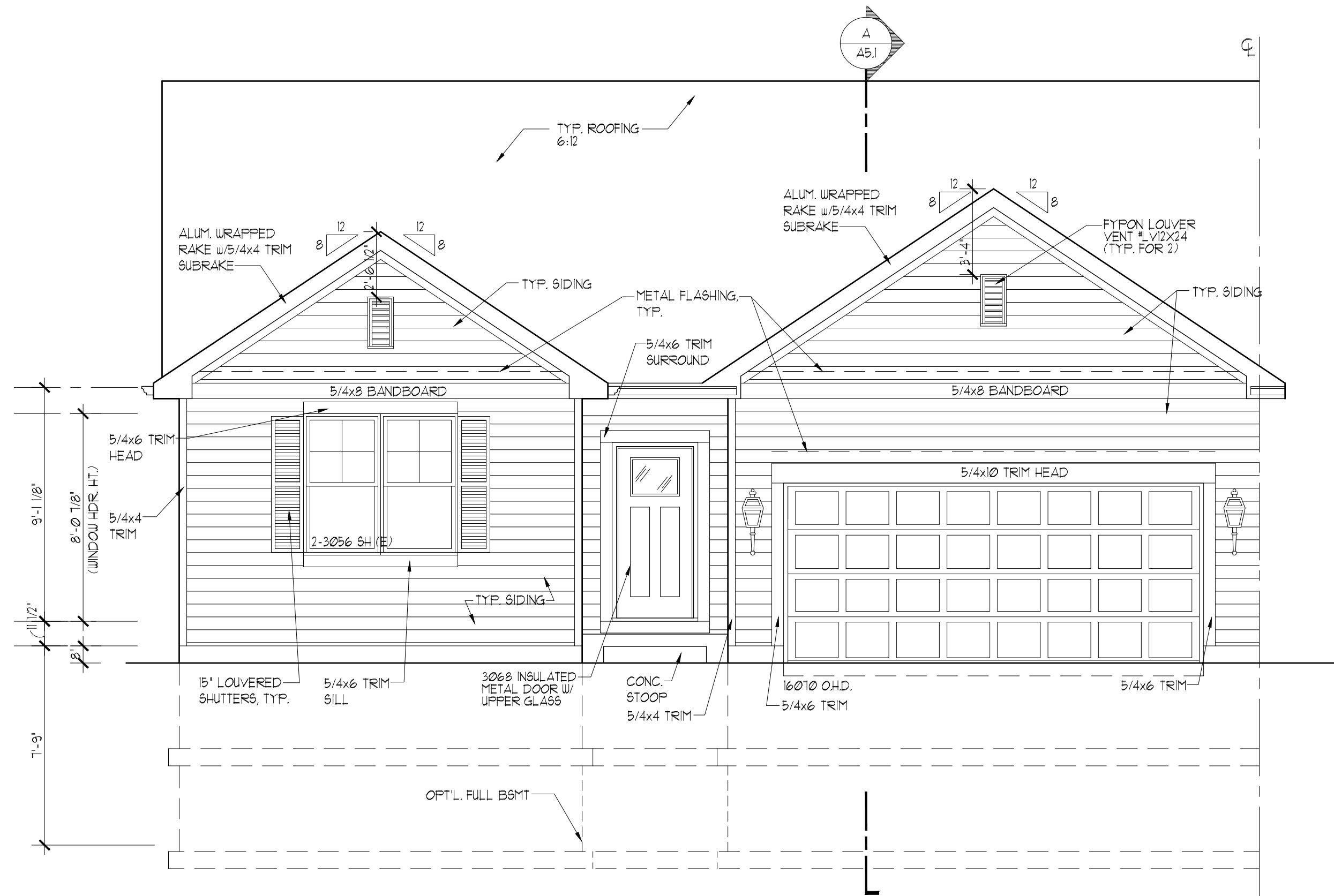
TRUSS MFR SHALL DESIGN, PROVIDE AND INSTALL ANY ANCHORAGE OF ROOF TRUSSES TO BEARING WALLS, HEADERS, OR BEAMS REQUIRED TO RESIST WIND UPLIFT OR OTHER DESIGN LOADS.

ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.

BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE

ROOF PLAN

SCALE: 1/8" = 1'-0"



FRONT ELEVATION 'A' (BSMT)

SCALE: 1/4" = 1'-0"

STANDARD ELEVATION NOTES

- 25 YEAR CLASS 'A' FIBERGLASS SHINGLES-TYPICAL ALL ROOFS
- SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS
- ALUMINUM FLASHING OVER ALL WINDOWS, DOORS AND WOOD TRIM
- ALUMINUM FLASHING AT ALL ROOF AND WALL INTERSECTIONS
- ALL SHUTTERS ARE LOUVERED, PANELED, or RUSTIC AS NOTED PER ELEVATION
- SEE DETAILS ON SHEET D1 FOR RAKE & EAVE DETAILS.
- VINYL CORNERS ON REAR
- FRONT ELEVATION CORNERS TO BE 5/4x4-5/4x4, SEE DETAIL ON SHEET D1)
- WINDOW TRIM PER ELEVATIONS
- 3/4x4 LP 'SMART TRIM' & WINDOW JAMBES W/O SHUTTERS AT FRONT (ONLY IF SHOWN)
- 3/4x4 LP 'SMART TRIM' & WINDOW SILLS AT FRONT (ONLY IF SHOWN)
- WINDOW HEADS AS NOTED PER ELEVATION
- ALUMINUM POT VENTS TO MATCH ROOF - TYP.
- FOR BRICK ELEVATIONS, PROVIDE 4" STONE SILLS UNDER FRONT DOOR AND WINDOWS
- PROVIDE STEEL LINTEL ABOVE WINDOWS AND DOOR WITH BRICK PER LINTEL SCHEDULE.
- PRECAST STONE LINTEL ABOVE WINDOWS (UNLESS OTHERWISE INDICATED)
- FOR ELEVATIONS WITH BRICK WAINSCOT, PROVIDE 4" STONE CAP.

WINDOW MANUFACTURER TO VERIFY 5.1 SQ. FT. OPENING FOR EGRESS WINDOW

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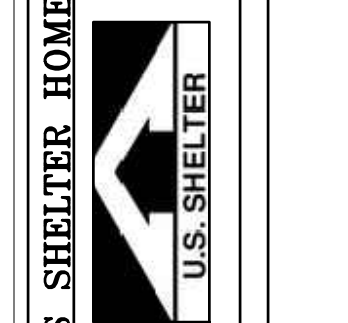
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Whitewater, Wisconsin

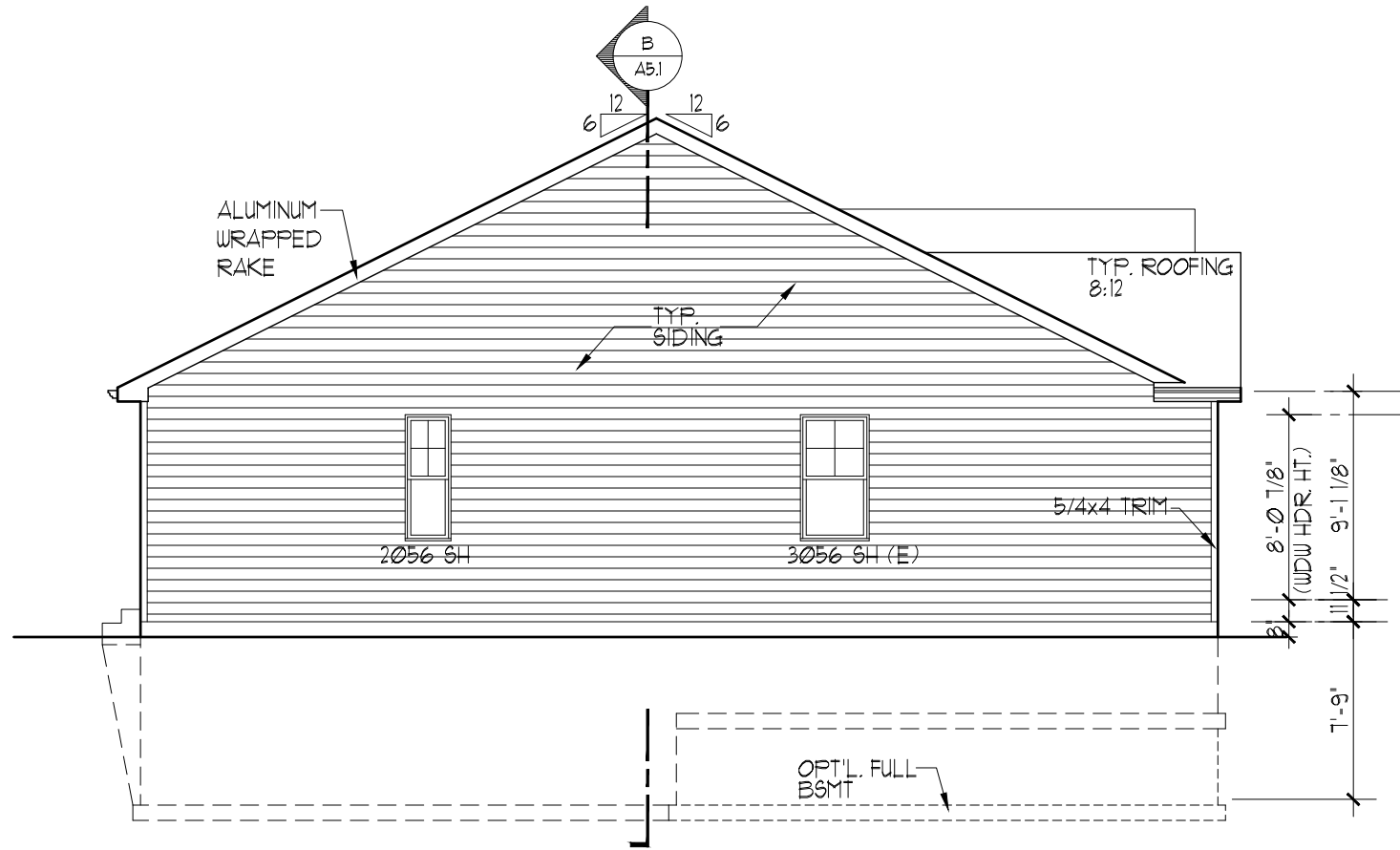


MOUND MEADOWS SUBDIVISION
ELEVATION "A" (BSMT)

Sheet No.:

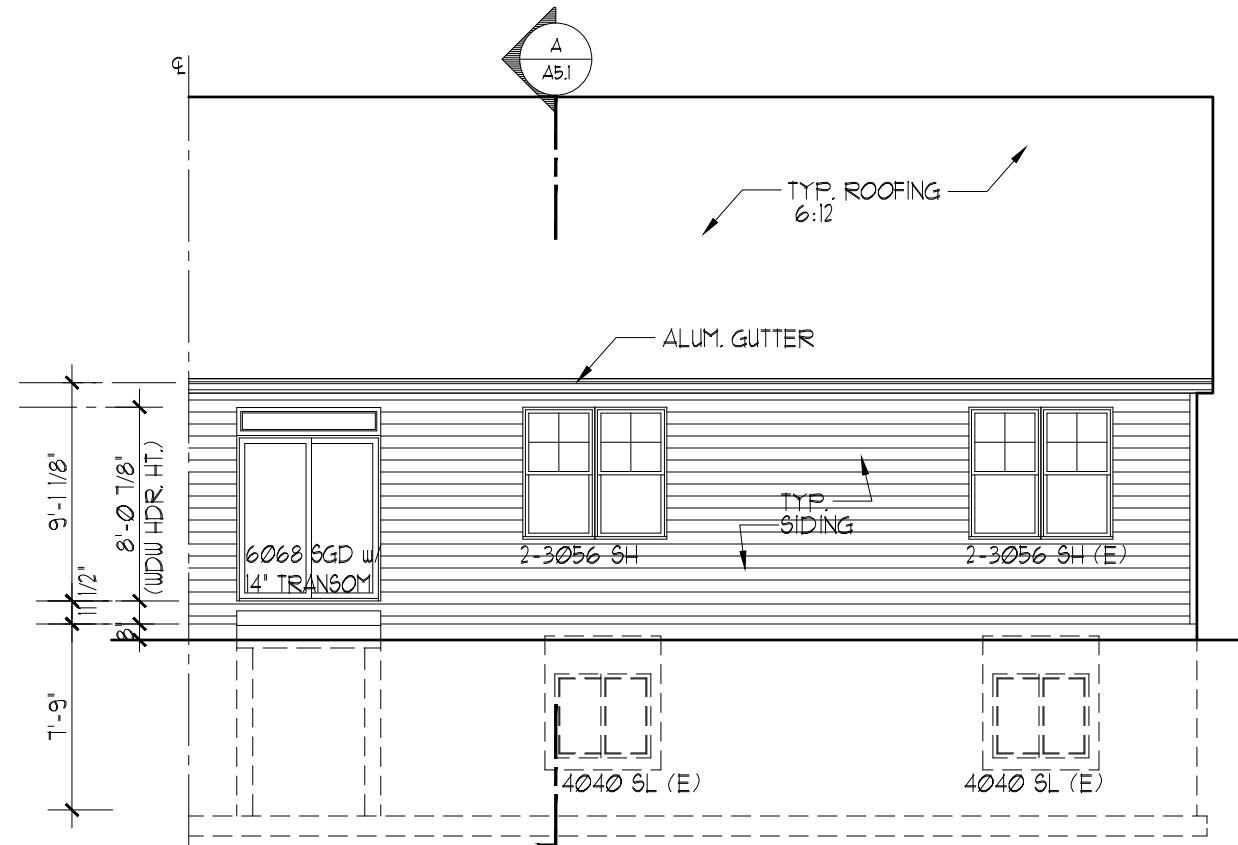
A4.1

1458-A4.1



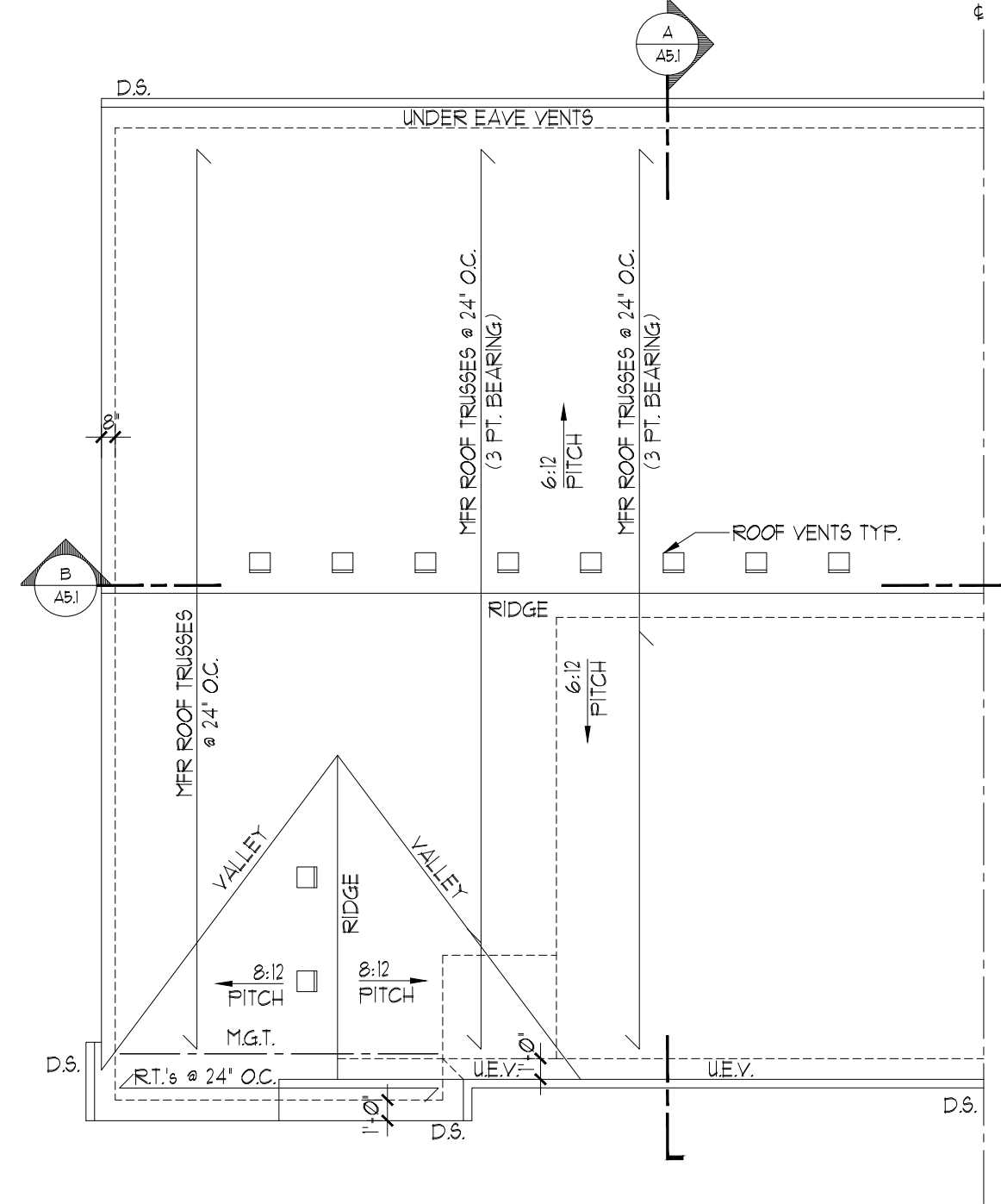
SIDE ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

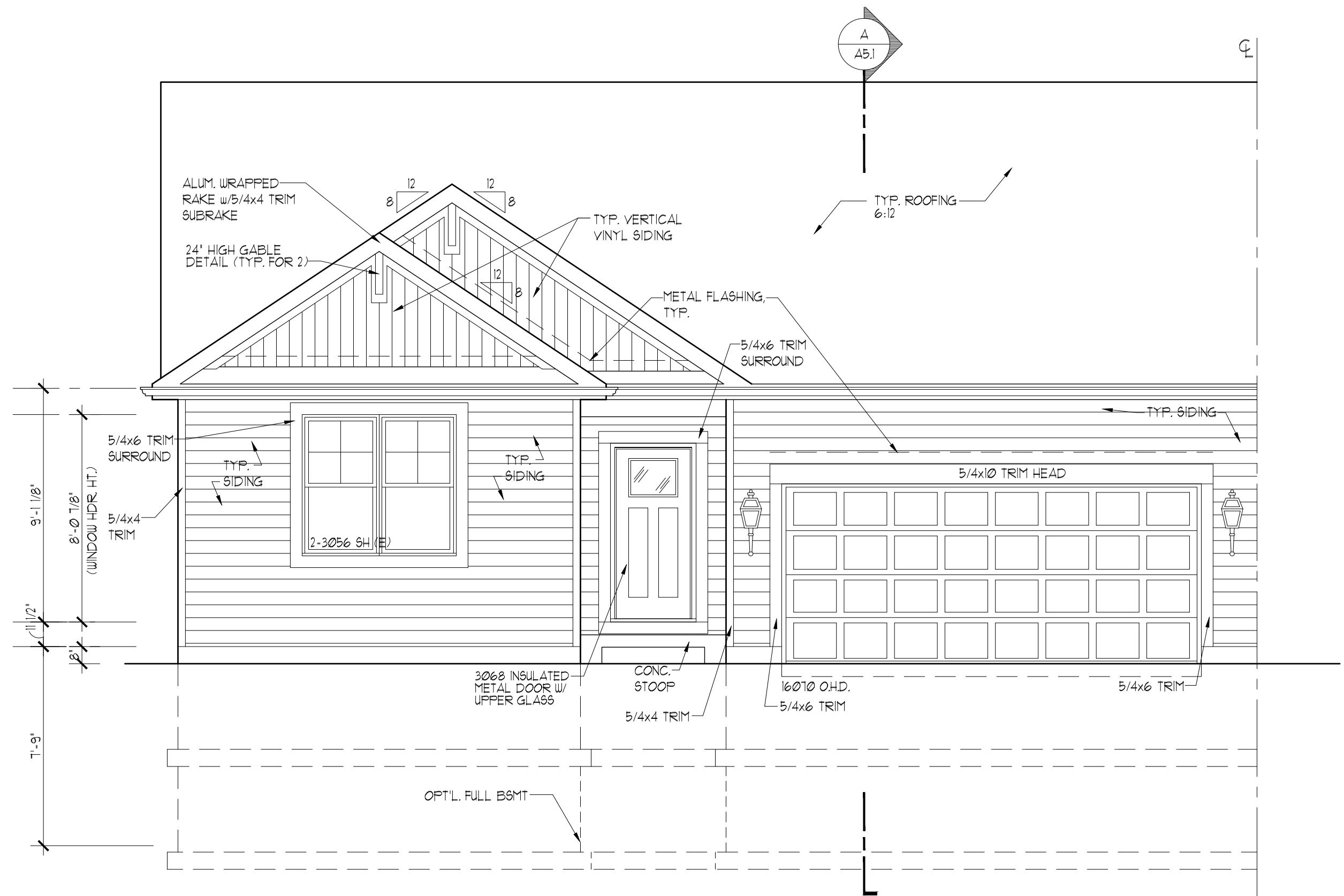
SCALE: 1/8" = 1'-0"



ROOF VENT	NOTES
-CONTINUOUS RIDGE VENT (18 SQUARE INCHES PER LINEAR FOOT)	- ALL EAVE OVERHANGS ARE 12" (UNLESS NOTED OTHERWISE)
-SQUARE METAL ROOF VENT (51 SQ. IN. NET FREE AREA) MIN. EACH	- ALL SIDE RAKE OVERHANGS ARE 8" (UNLESS NOTED OTHERWISE)
-CONTINUOUS SOFFIT VENT (9.1 SQUARE INCHES PER LINEAR FOOT)	- ALL FRONT ELEV. RAKE OVERHANGS ARE 12" (UNLESS OTHERWISE NOTED)
	- ROOF VENTS INDICATED ARE FOR LOCATION REFERENCE ONLY. REQUIRED VENTILATION: 1 SQ. FT. OF NET FREE AREA FOR EVERY 300 SQ. FT. OF ATTIC SPACE, SPLIT EVENLY BETWEEN ROOF & SOFFIT VENTS.
TRUSSES MFR SHALL DESIGN, PROVIDE AND INSTALL ANY ANCHORAGE OF ROOF TRUSSES TO BEARING WALLS, HEADERS, OR BEAMS REQUIRED TO RESIST WIND UPLIFT OR OTHER DESIGN LOADS.	
ARCHITECT MUST BE NOTIFIED OF ANY CHANGE OR MODIFICATION OF THIS TRUSS LAYOUT PRIOR TO COMMENCEMENT OF WORK.	
BASE PLAN STRUCTURAL MEMBERS APPLY TO ALL PARTIAL PLANS UNLESS NOTED OTHERWISE	

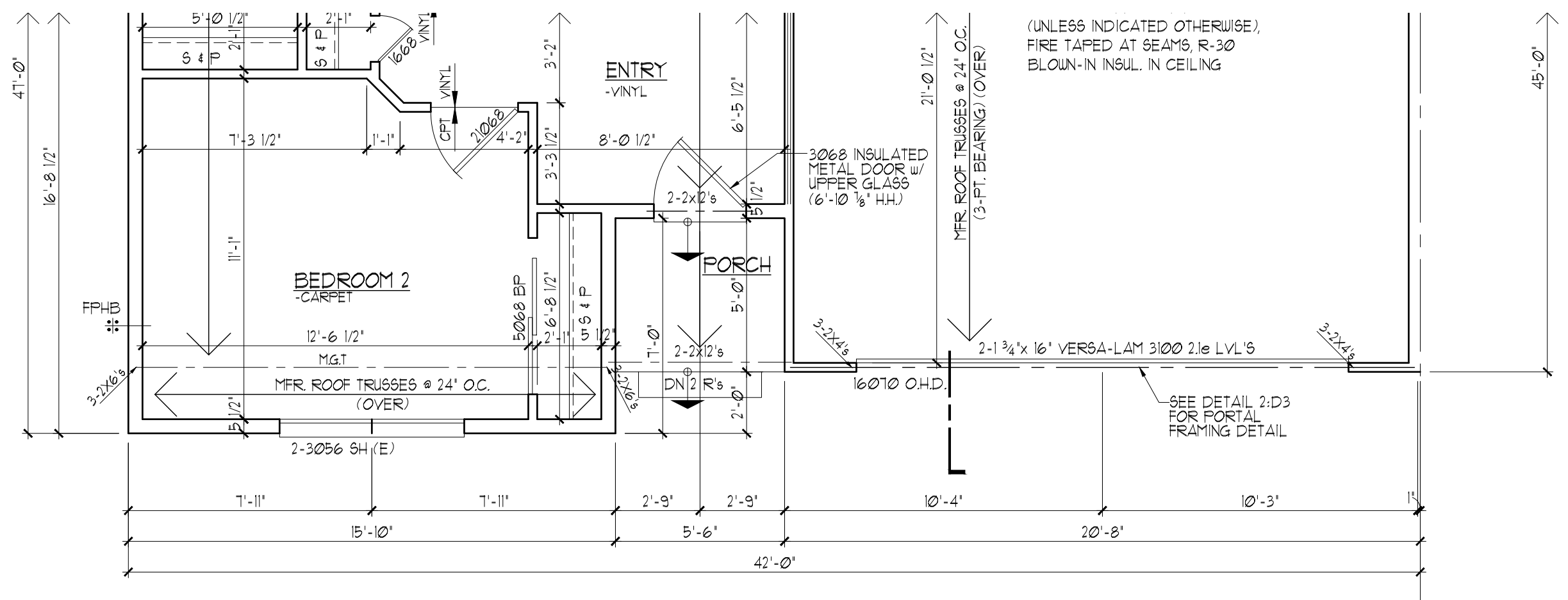
ROOF PLAN

SCALE: 1/8" = 1'-0"



FRONT ELEVATION 'B' (BSMT)

SCALE: 1/4" = 1'-0"



PART'L. FIRST FLOOR PLAN (BSMT) - ELEVATION 'B'

SCALE: 1/4" = 1'-0"

STANDARD ELEVATION NOTES

- 25 YEAR CLASS 'A' FIBERGLASS SHINGLES-TYPICAL ALL ROOFS
- FLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS
- ALUMINUM FLASHING OVER ALL WINDOWS, DOORS AND WOOD TRIM
- ALUMINUM FLASHING AT ALL ROOF AND WALL INTERSECTIONS
- ALL SHUTTERS ARE LOUVERED, paneled, or rustic as noted per elevation
- SEE DETAILS ON SHEET D1 FOR RAKE & EAVE DETAILS.
- VINYL CORNERS ON REAR
- FRONT ELEVATION CORNERS TO BE 5/4x4-5/4x4, SEE DETAIL ON SHEET D1)
- WINDOW TRIM PER ELEVATIONS
- 5/4x4 LP 'SMART TRIM' & WINDOW JAMBS W/O SHUTTERS AT FRONT (ONLY IF SHOWN)
- 5/4x4 LP 'SMART TRIM' & WINDOW SILLS AT FRONT (ONLY IF SHOWN)
- WINDOW HEADS AS NOTED PER ELEVATION
- ALUMINUM FOOT VENTS TO MATCH ROOF - TYP.
- FOR BRICK ELEVATIONS, PROVIDE 4" STONE SILLS UNDER FRONT DOOR AND WINDOWS
- PROVIDE STEEL LINTEL ABOVE WINDOWS AND DOOR WITH BRICK PER LINTEL SCHEDULE.
- PRECAST STONE LINTEL ABOVE WINDOWS (UNLESS OTHERWISE INDICATED)
- FOR ELEVATIONS WITH BRICK WAINSCOT, PROVIDE 4" STONE CAP.

WINDOW MANUFACTURER TO VERIFY 5.1 SQ. FT. OPENING FOR EGRESS WINDOW

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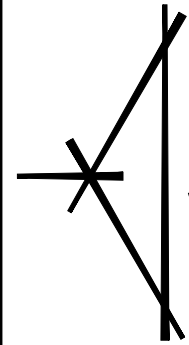
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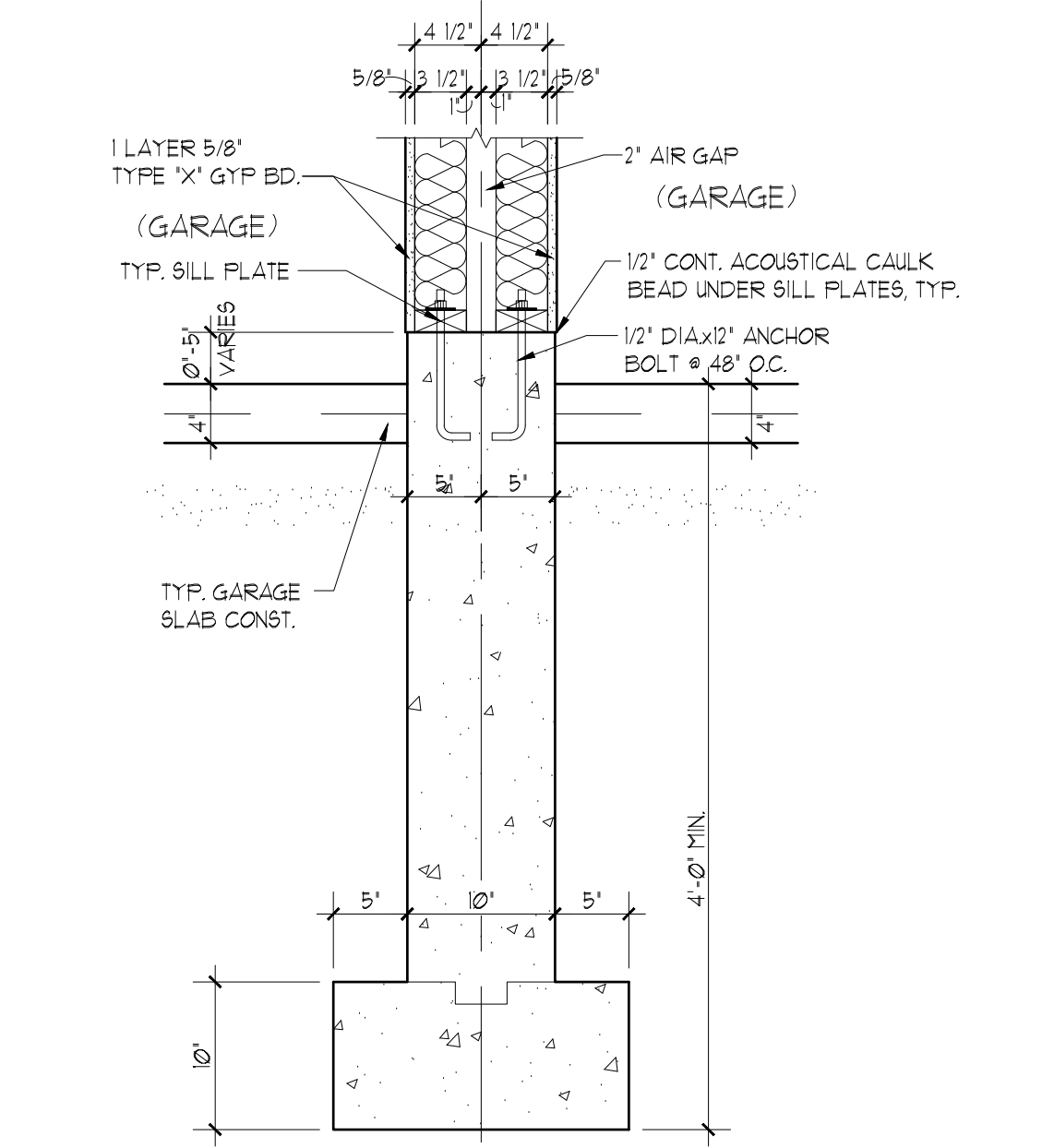
U.S. SHELTER HOMES
MOUND MEADOWS SUBDIVISION
1458 PLAN
ELEVATION "B" (BSMT)

Sheet No.:
A4.2
1458-A4.2

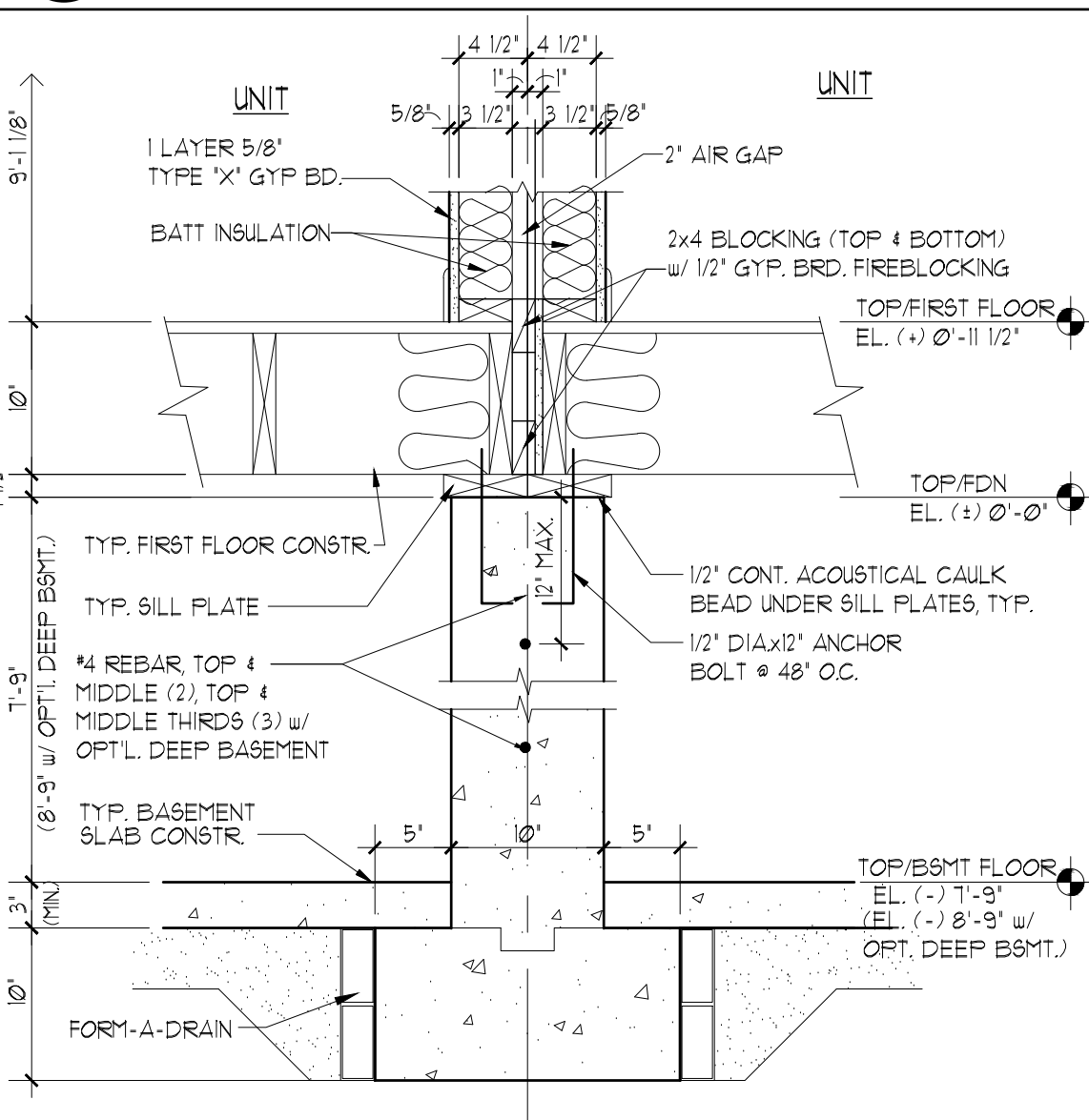


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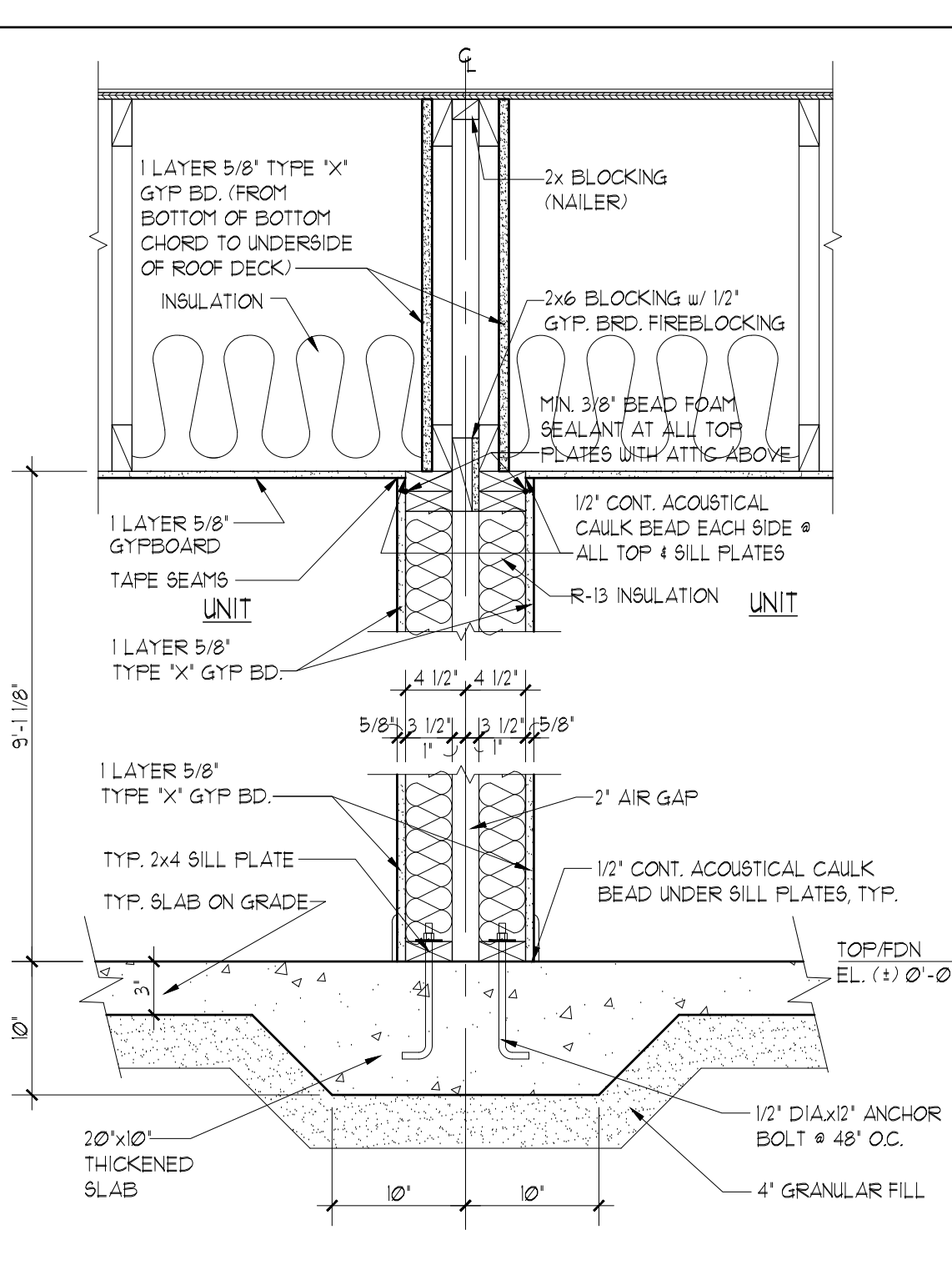




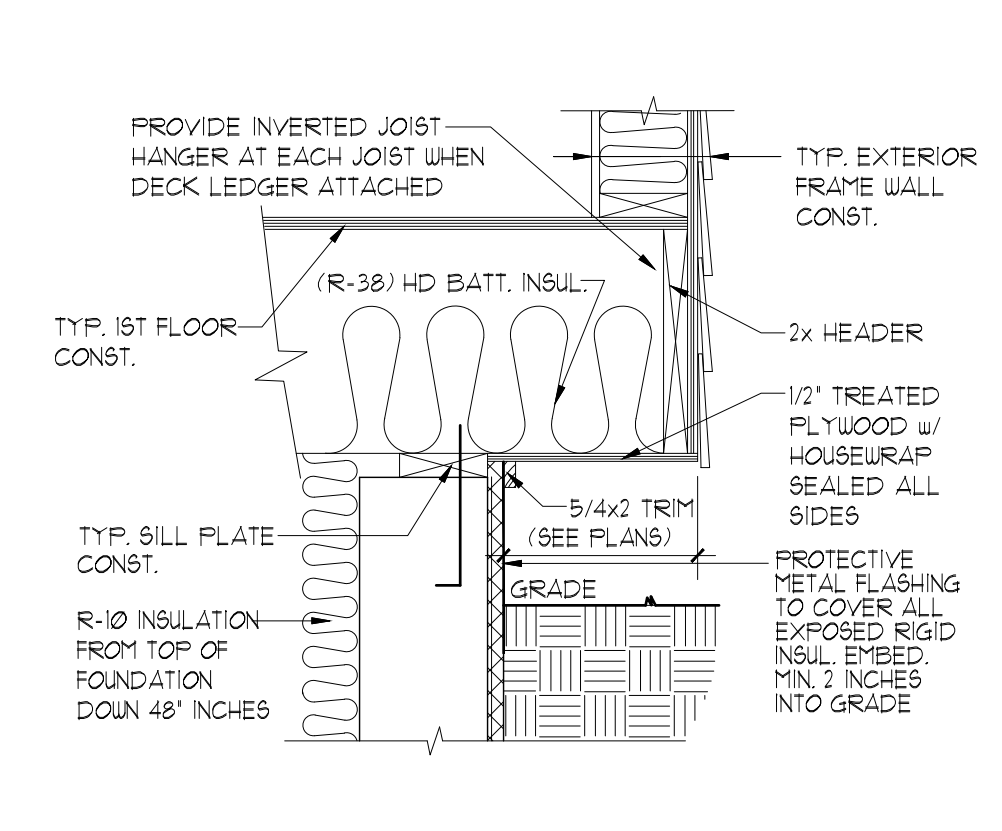
12 WALL SECTION @ GARAGE PARTY WALL
SCALE: 1"=1'-0"



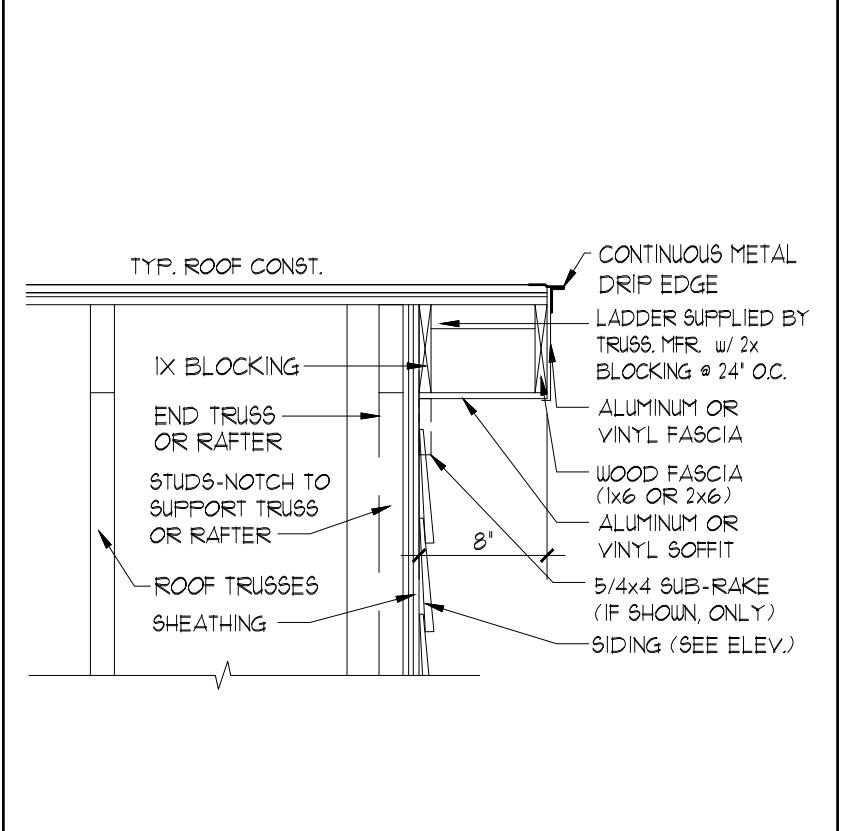
13 WALL SECTION @ BASEMENT PARTY WALL
SCALE: 1"=1'-0"



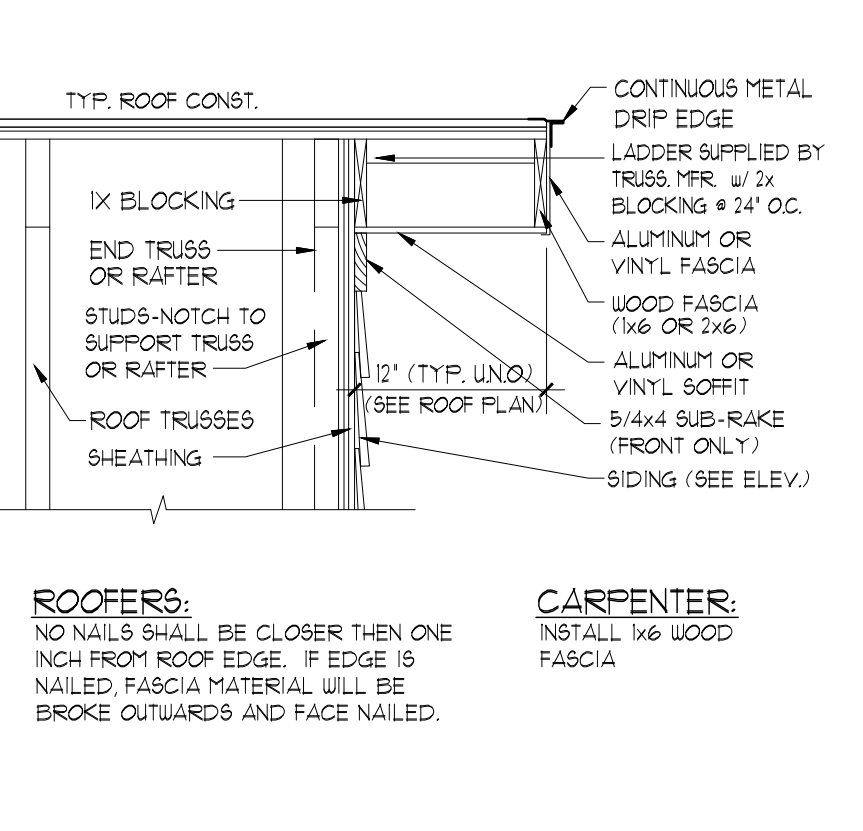
14 WALL SECTION @ SLAB PARTY WALL
SCALE: 1"=1'-0"



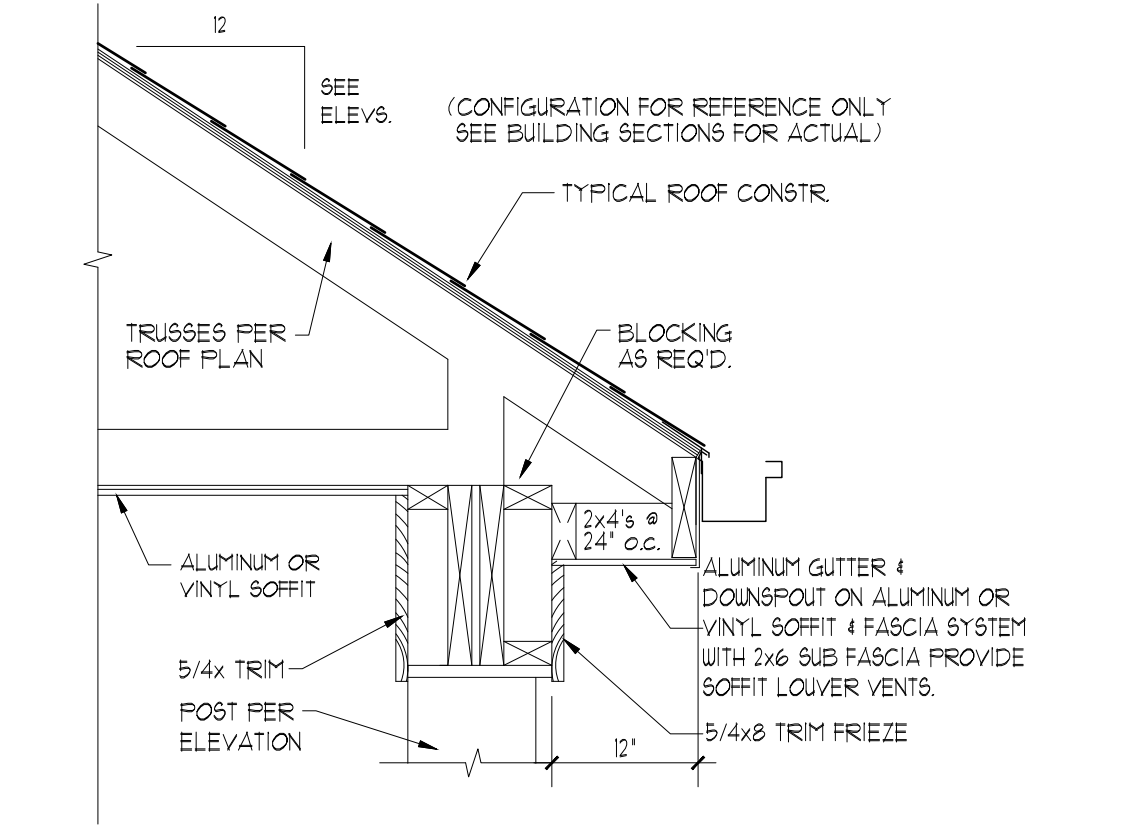
11 WALL SECTION @ CANTILEVER
SCALE: 1"=1'-0"



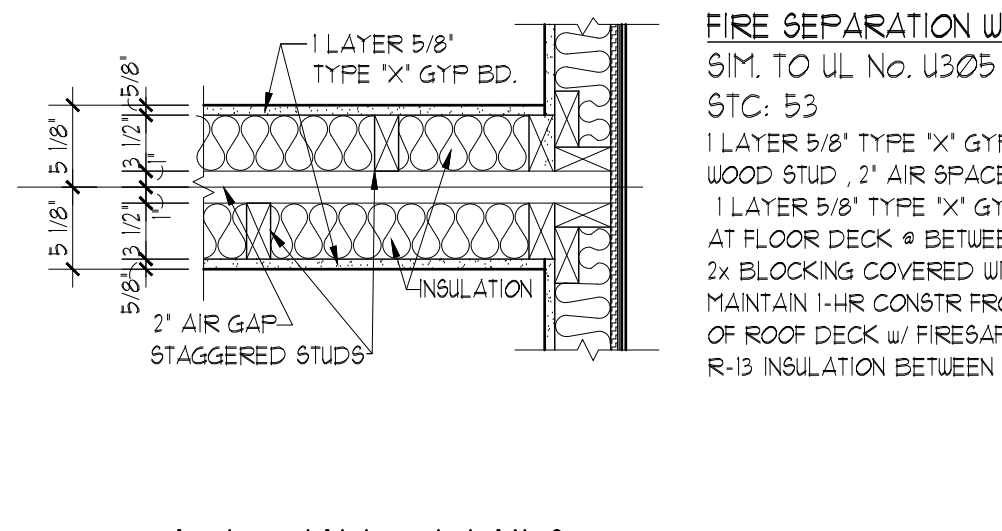
10 RAKE DET. - 8' (FRONT & SIDES)
SCALE: 1"=1'-0"



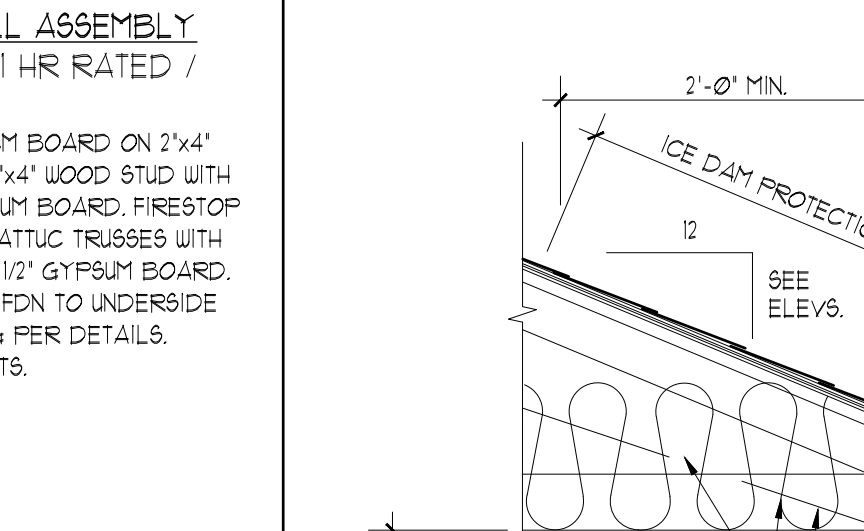
9 RAKE DETAIL - 12' (FRONT)
SCALE: 1"=1'-0"



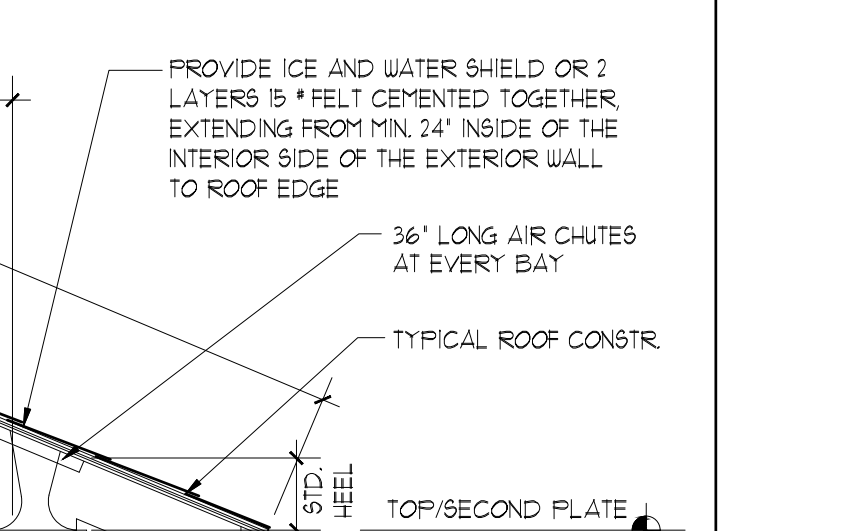
8 WALL SECTION @ PORCH
SCALE: 1"=1'-0"



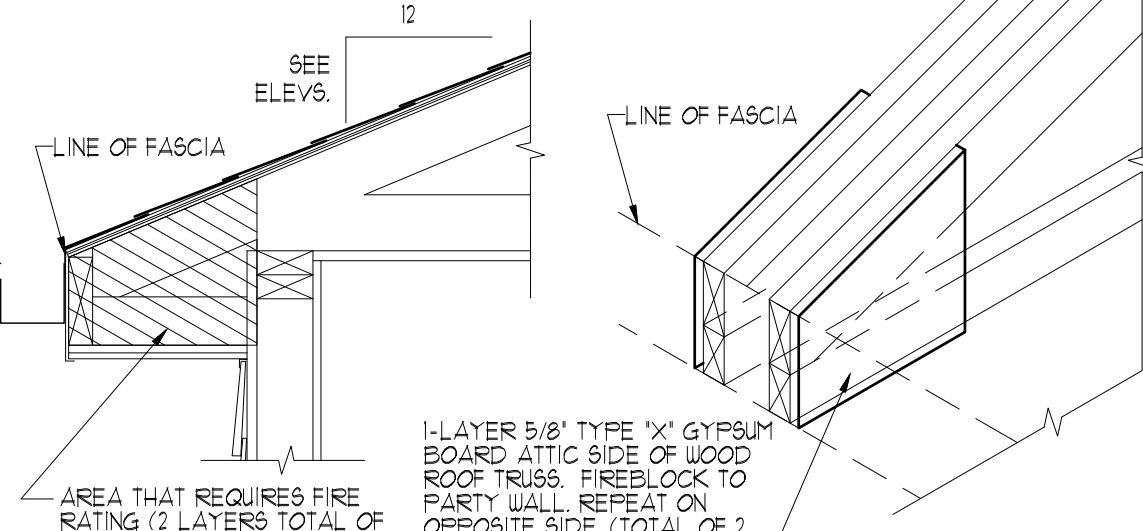
7 PARTY WALL DETAILS
SCALE: 1"=1'-0"



6 WALL SECTION @ BASEMENT 2x6 FRAME (RANCH)
SCALE: 1"=1'-0"



5 WALL SECTION @ BASEMENT 2x6 FRAME (2-STORY)
SCALE: 1"=1'-0"



4 WALL SECTION @ CRAWL SPACE
SCALE: 1"=1'-0"

TYP. ROOF CONST.
CLASS 1A SEAL TAB ROOF SHINGLES OVER 1/4" BLDG. PAPER ON 1/4" OSB SHEATHING w/ 1/4" CLIPS ON ROOF FRAMING (SEE PLANS). R-45 BLOWN-IN INSULATION 5/8" GYP. BD. PROVIDE STARTER STRIP OF 2 LAYERS 15" FELT CEMENTED TOGETHER OR ICE/WATER SHIELD AT ALL EAVES AND FLASHING POINTS. PROVIDE HOLD-DOWN CONNECTORS TO TOP PLATE AT EACH TRUSS 5/8" GYP. BD. BOARD SCREWED TO UNDERSIDE OF ROOF TRUSSES.

FASCIA & SOFFIT
ALUMINUM OR VINYL SOFFIT & FASCIA (PER BUILDER)

FLOOR CONSTRUCTION (2x10)
3/4" T & G FLYWOOD (GLUED & NAILED) SUB-FLOOR 2x10 JOISTS (SEE PLANS FOR SPAN AND SPACING) 1/2" CROSS BRIDGING OR APPROVED METAL BRIDGING NOT OVER 1'-0" O.C. (AT TILED AREAS PROVIDE 1/4" UNDERLAYMENT). (AT FLOORS OVER UNHEATED SPACE BELOW, PROVIDE R-30 INSULATION)

FLOOR CONSTRUCTION (2x12)
3/4" T & G FLYWOOD (GLUED & NAILED) SUB-FLOOR 2x12 JOISTS (SEE PLANS FOR SPAN AND SPACING) 1/2" CROSS BRIDGING OR APPROVED METAL BRIDGING NOT OVER 1'-0" O.C. (AT TILED AREAS PROVIDE 1/4" UNDERLAYMENT). (AT FLOORS OVER UNHEATED SPACE BELOW, PROVIDE R-30 INSULATION)

TYP. EXT. FRAME WALL
TYP. HORIZONTAL VINYL SIDING (SEE ELEVATIONS) OVER HOUSEWRAP OVER 1/4" OSB STRUCTURAL SHEATHING (FULLY SHEATHED w/ 1/4" OSB) 2x6 WOOD STUDS AT 16" O.C. UN. w/ R-15 BATT INSUL. (R-15 w/ 2x6 WALLS) UNLESS OTHERWISE NOTED (SEE PLANS) & 6 MIL VAPOR BARRIER, 1/2" GYP. BD. WALL FINISH.

TYP. SILL PLATE-SLAB
2x6 PRESSURE TREATED SILL SET IN SILL SEALER ATTACHED TO FOUNDATION w/ 1/2" DIA. x 12" ANCHOR BOLTS 1" INTO CONC. w/ NUTS AND WASHERS @ 12" O.C. MINIMUM 2 PER PIECE. START ANCHOR BOLTS 1'-0" FROM EACH CORNER.

TYP. SILL PLATE-BASEMENT
2x6 PRESSURE TREATED SILL SET IN SILL SEALER AND ATTACHED TO FOUNDATION w/ 1/2" DIA. x 12" ANCHOR BOLTS 1" INTO CONC. w/ NUTS AND WASHERS @ 12" O.C. MINIMUM 2 PER PIECE. START ANCHOR BOLTS 1'-0" FROM EACH CORNER.

TYP. SLAB ON GRADE (INTERIOR)
3" MIN. CONC. SLAB ON 6 MIL VAPOR BARRIER, 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS UNDER WALLS ABOVE T/CONC. SLAB EL. (+/-) 0'-0".

TYP. GARAGE SLAB
4" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS.

TYP. CRAWL SPACE
2" CONC. SLUSH COAT w/ 6 MIL VAPOR BARRIER 6" LAP AT JOINTS ON 4" GRANULAR FILL (HEATED) T/SLAB EL. (+/-) 0'-0".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

TYP. BASEMENT SLAB
3" MIN. CONC. SLAB w/ 6x6-10/10 GA. WUM. ON 6 MIL VAPOR BARRIER 6" LAP MIN. @ JOINTS ON 4" GRANULAR FILL. PROVIDE CONTROL JOINTS. T/SLAB EL. (+/-) 1'-9", OPT. L. EL. (+/-) 0'-9".

CORNER DETAILS
SCALE: 1"=1'-0"

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15	16	17	18	19	20	21
8	9	10	11	12	13	14

Date: 11-10-23
Proj. No.: 720-606
Drawn By: JUK/RJM
Chkd. By:

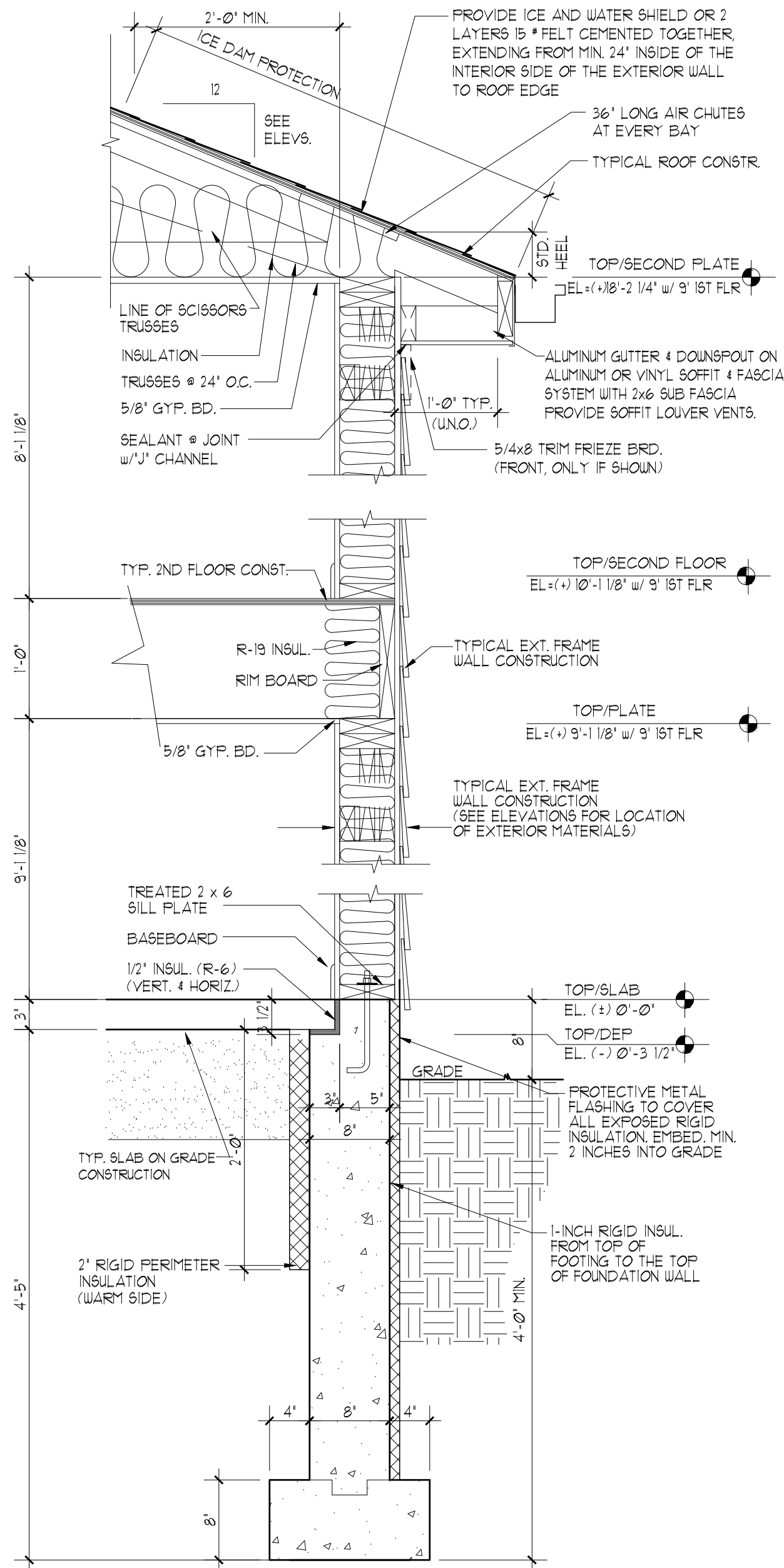
Whitewater, Wisconsin

US SHELTER HOMES

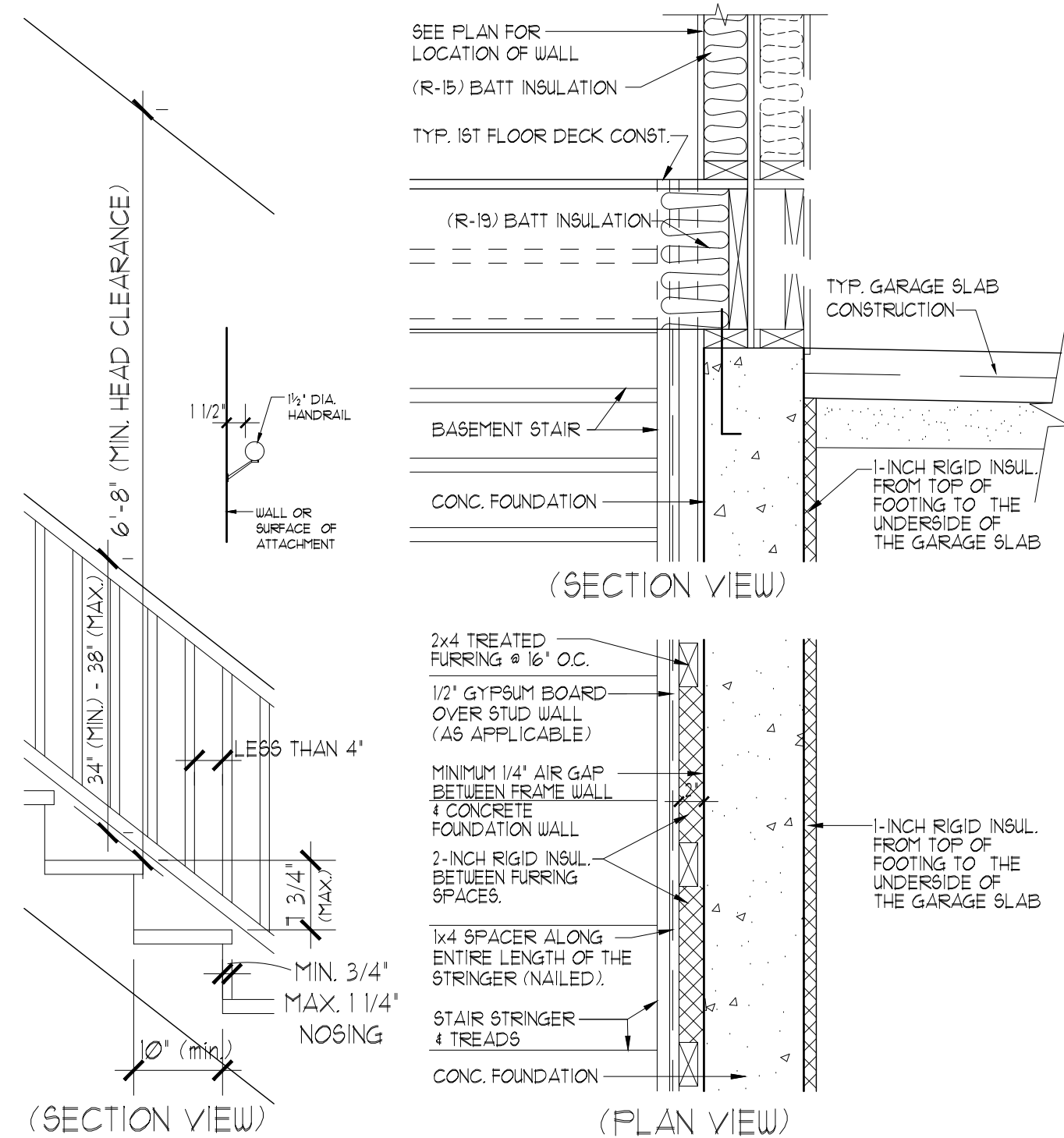
MOUND MEADOWS SUBDIVISION

WALL SECTIONS & DETAILS

Sheet No.: **D1**

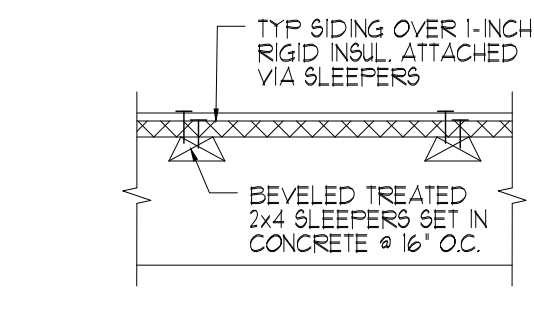


15 WALL SECTION @ SLAB 2x6 FRAME (2-STORY)
SCALE: 1/4"=1'-0"

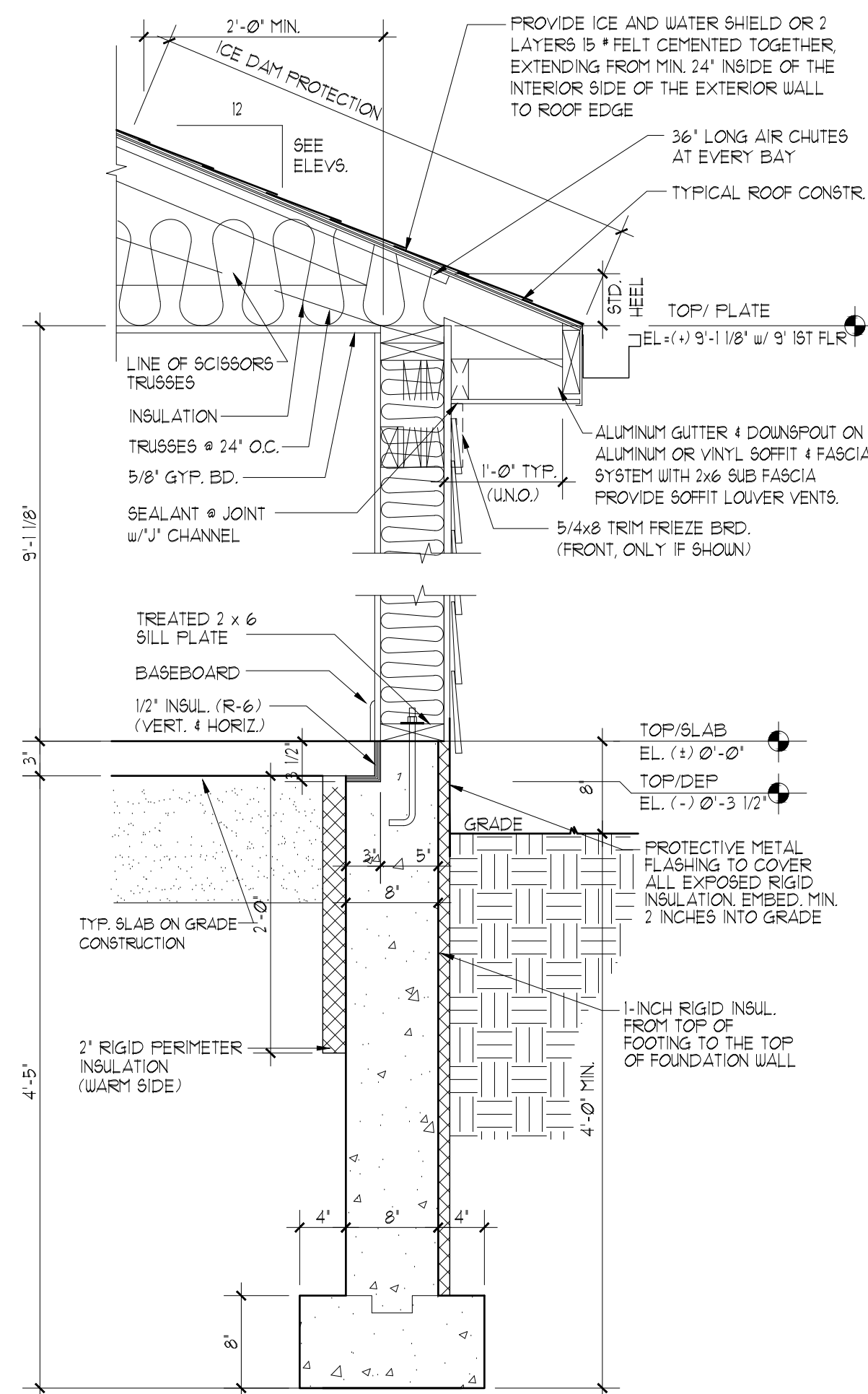


14 STAIRWAY DETAIL
SCALE: 1/4"=1'-0"

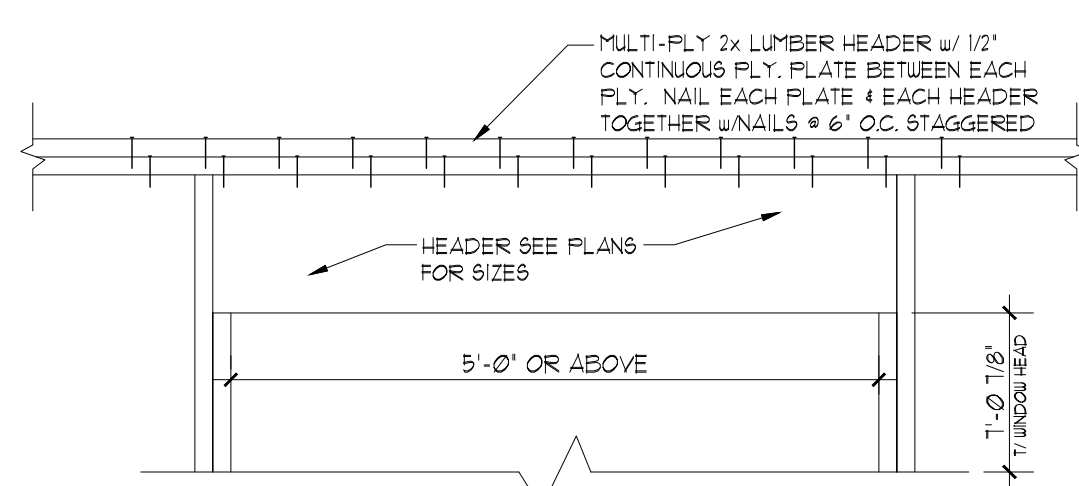
14a PLAN VIEW SECTION @ FINISHED BASEMENT STAIR
SCALE: 1/4"=1'-0"



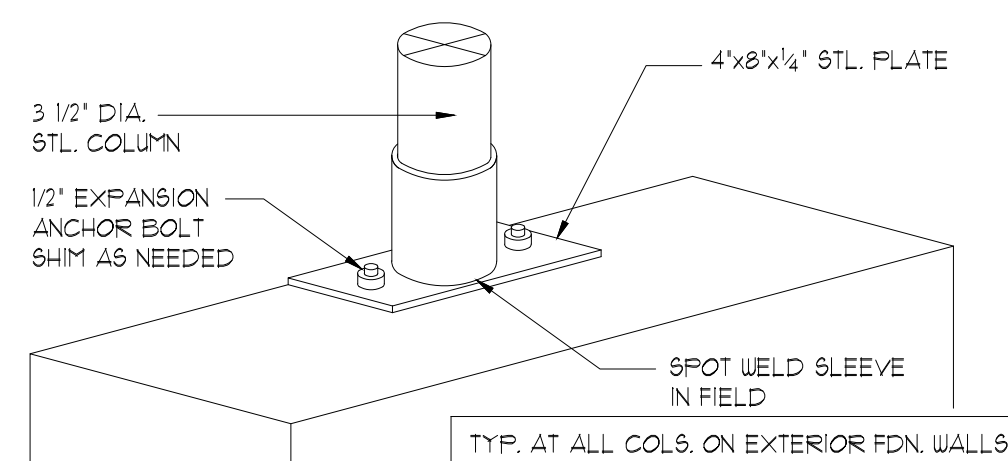
13 SLEEPER DETAIL @ DROPPED SIDING
SCALE: 1/4"=1'-0"



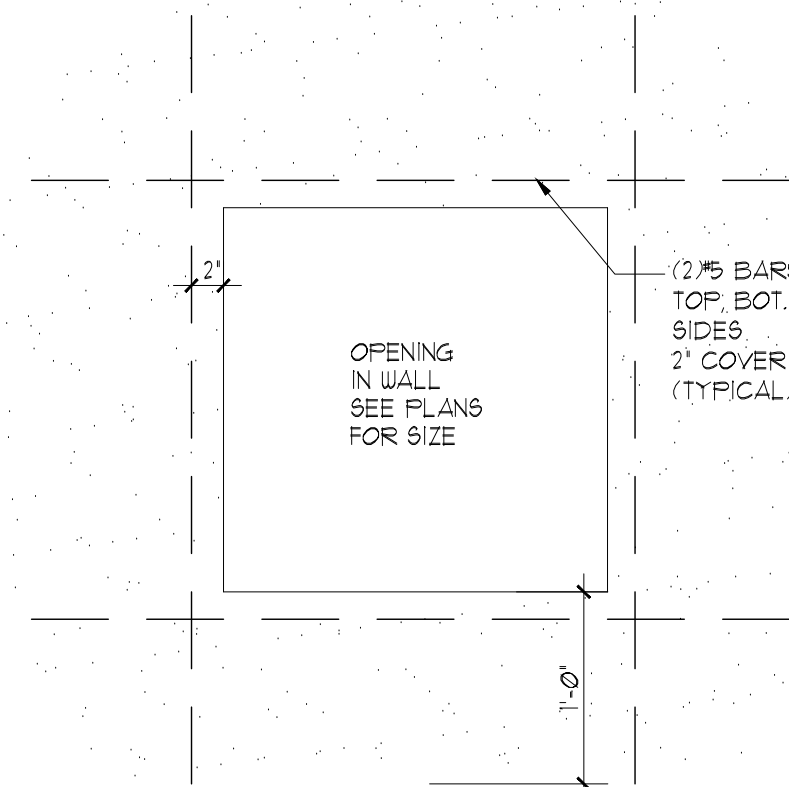
12 WALL SECTION @ SLAB 2x6 FRAME (RANCH)
SCALE: 1/4"=1'-0"



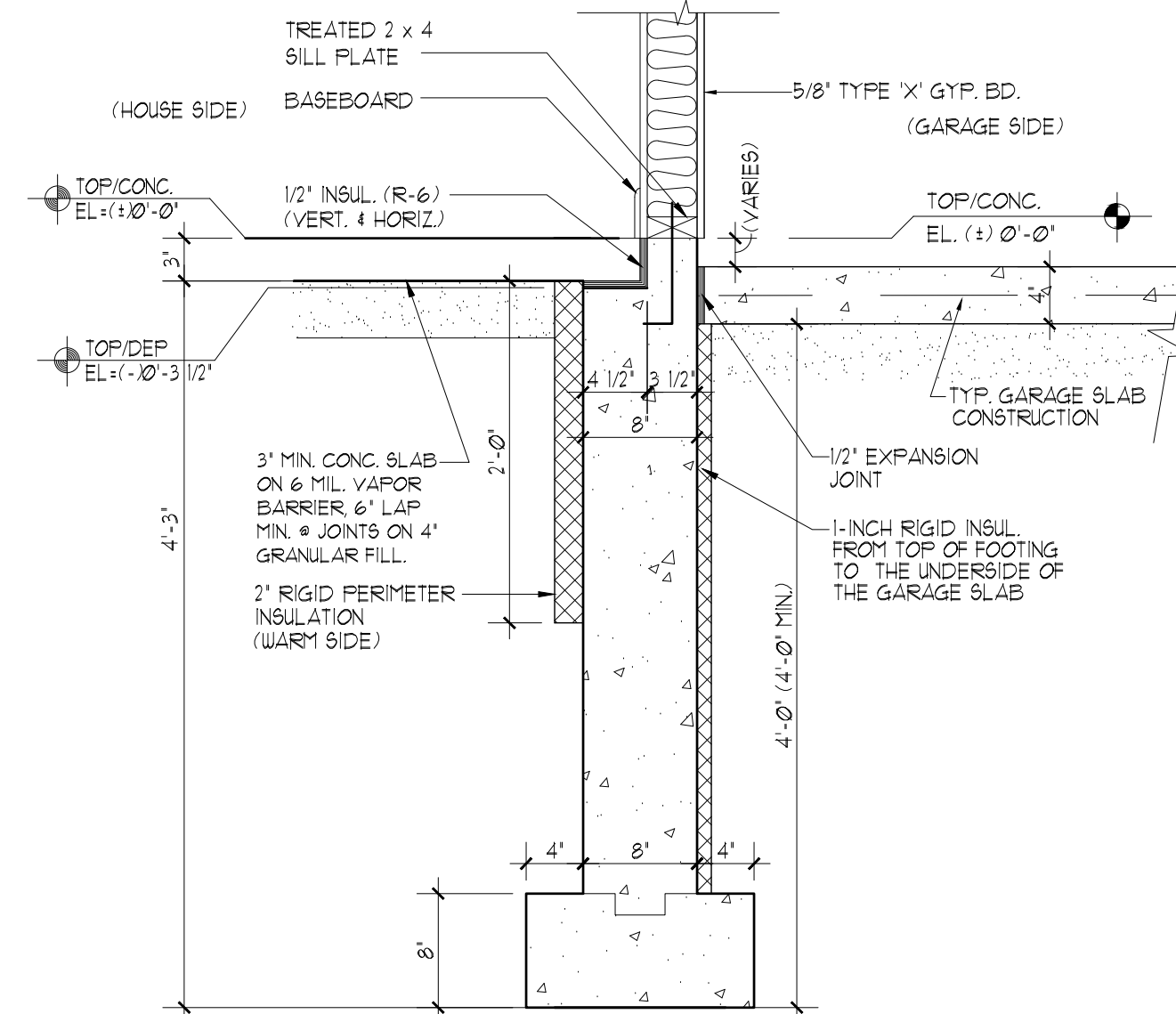
10 HEADER DETAIL - 5'-0" & ABOVE
SCALE: NTS



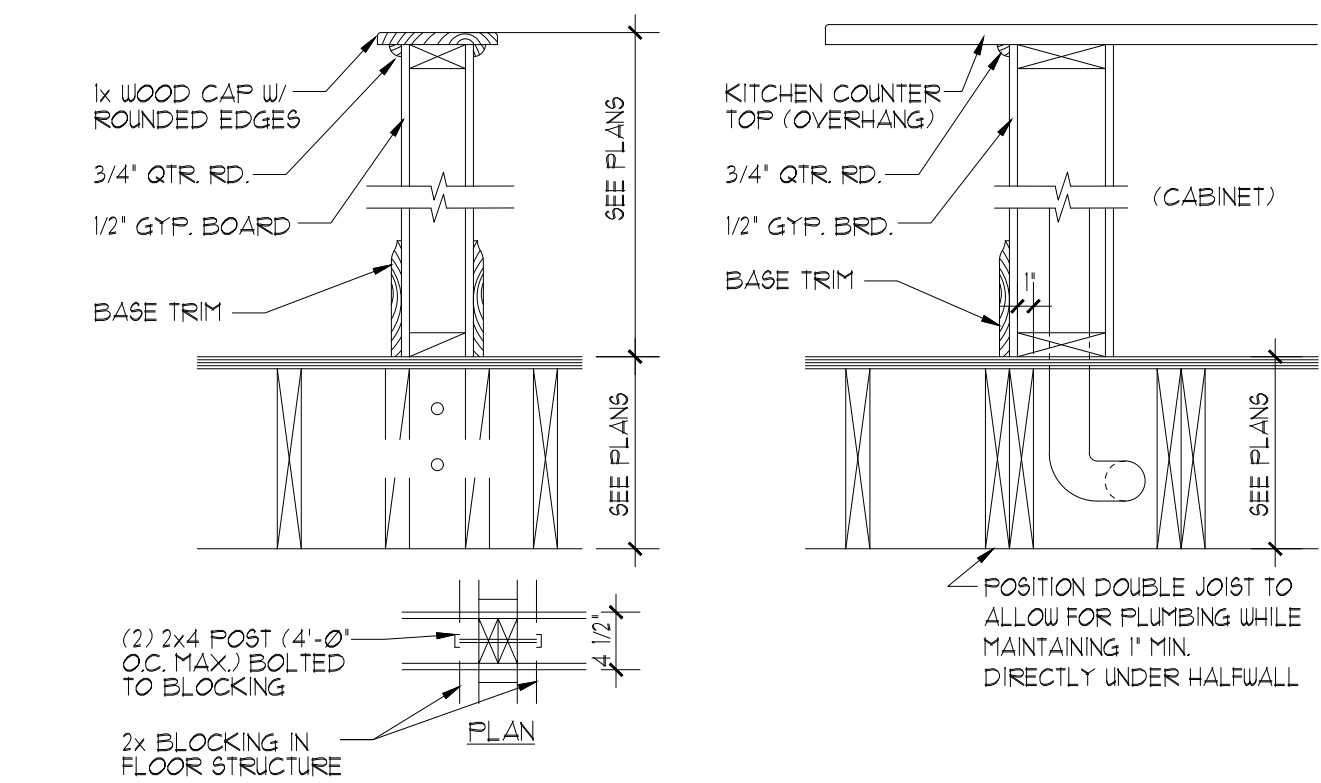
9 COLUMN ATTACHMENT @ BASEMENT
SCALE: 1/4"=1'-0"



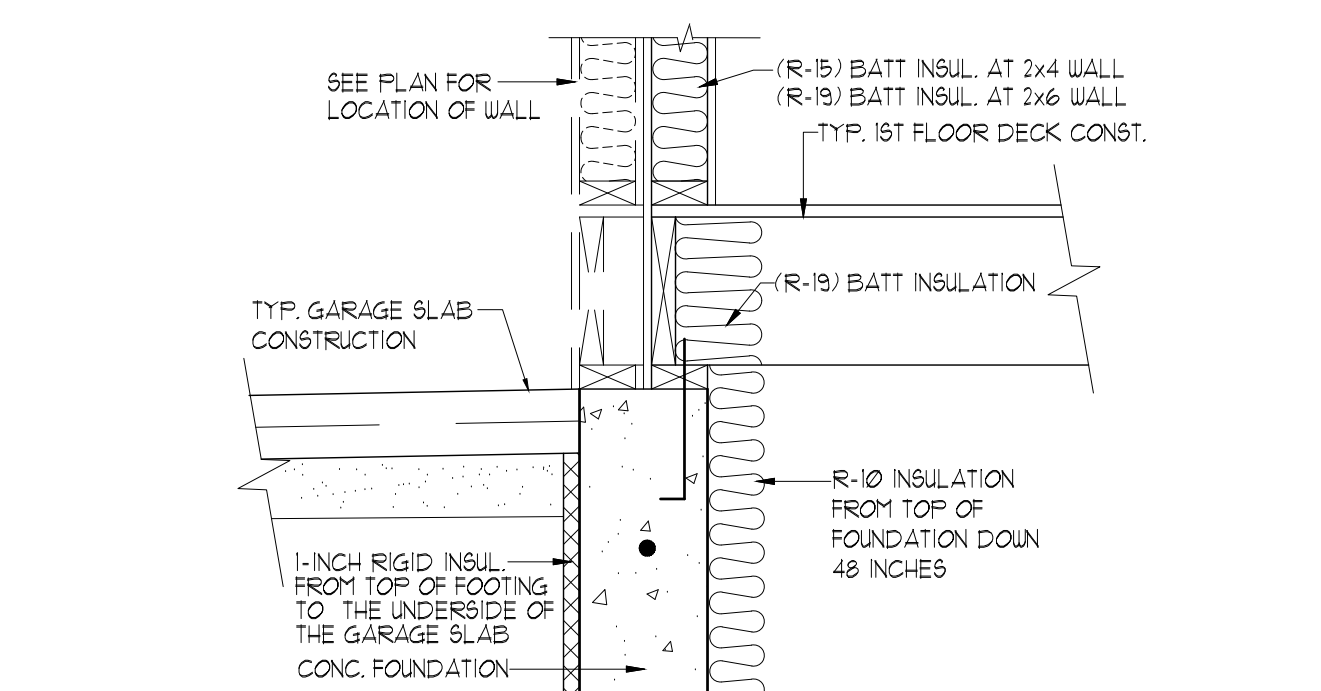
11 WALL SECTION @ EGRESS WINDOW
SCALE: 1/4"=1'-0"



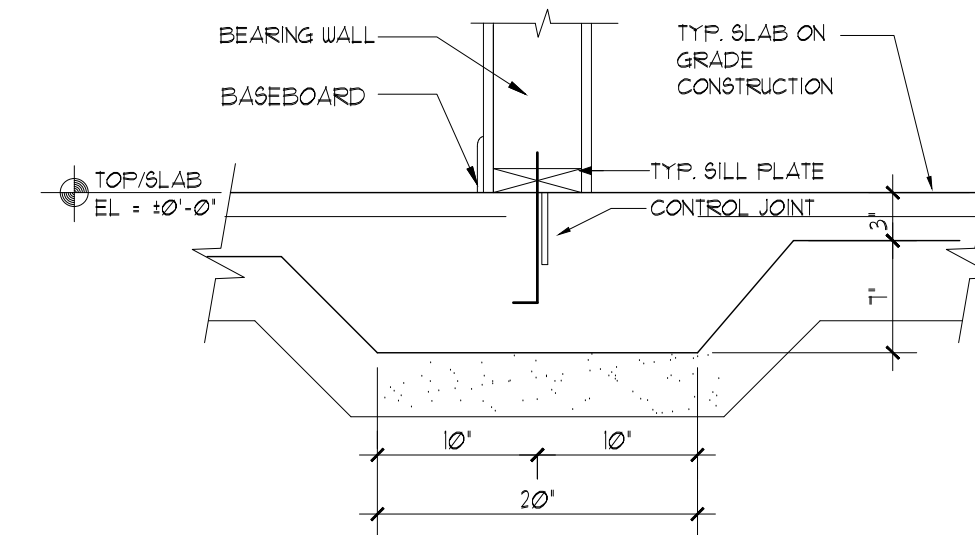
7 GARAGE HOUSE WALL @ SLAB
SCALE: 1/4"=1'-0"



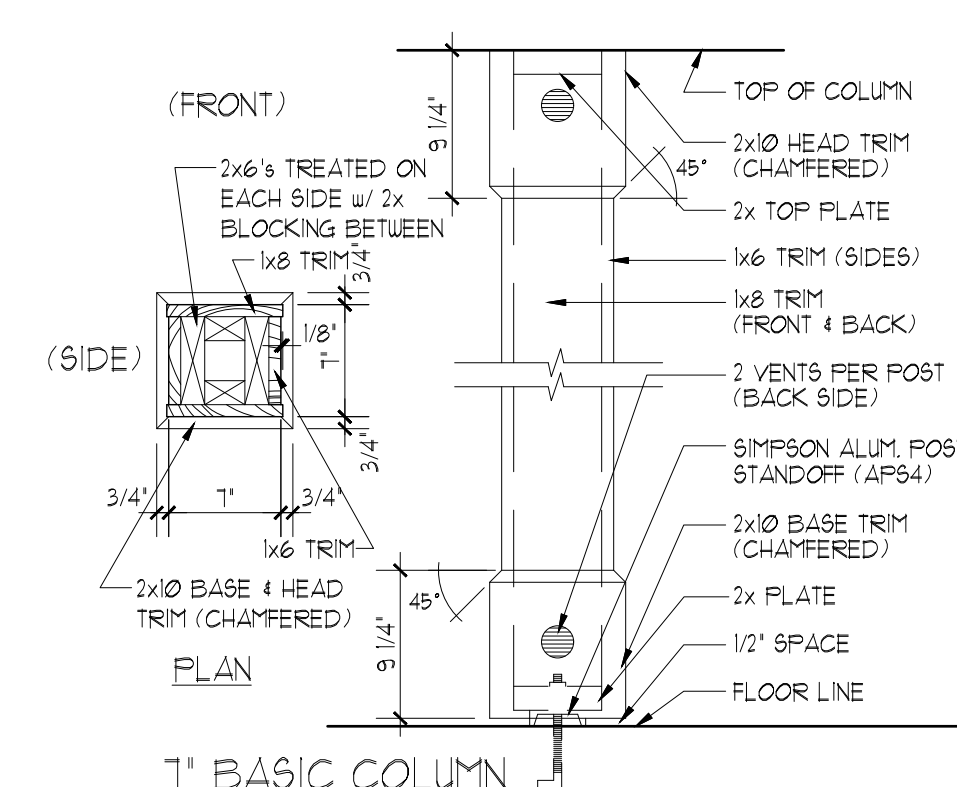
6 HALF WALL DETAIL
SCALE: 1/4"=1'-0"



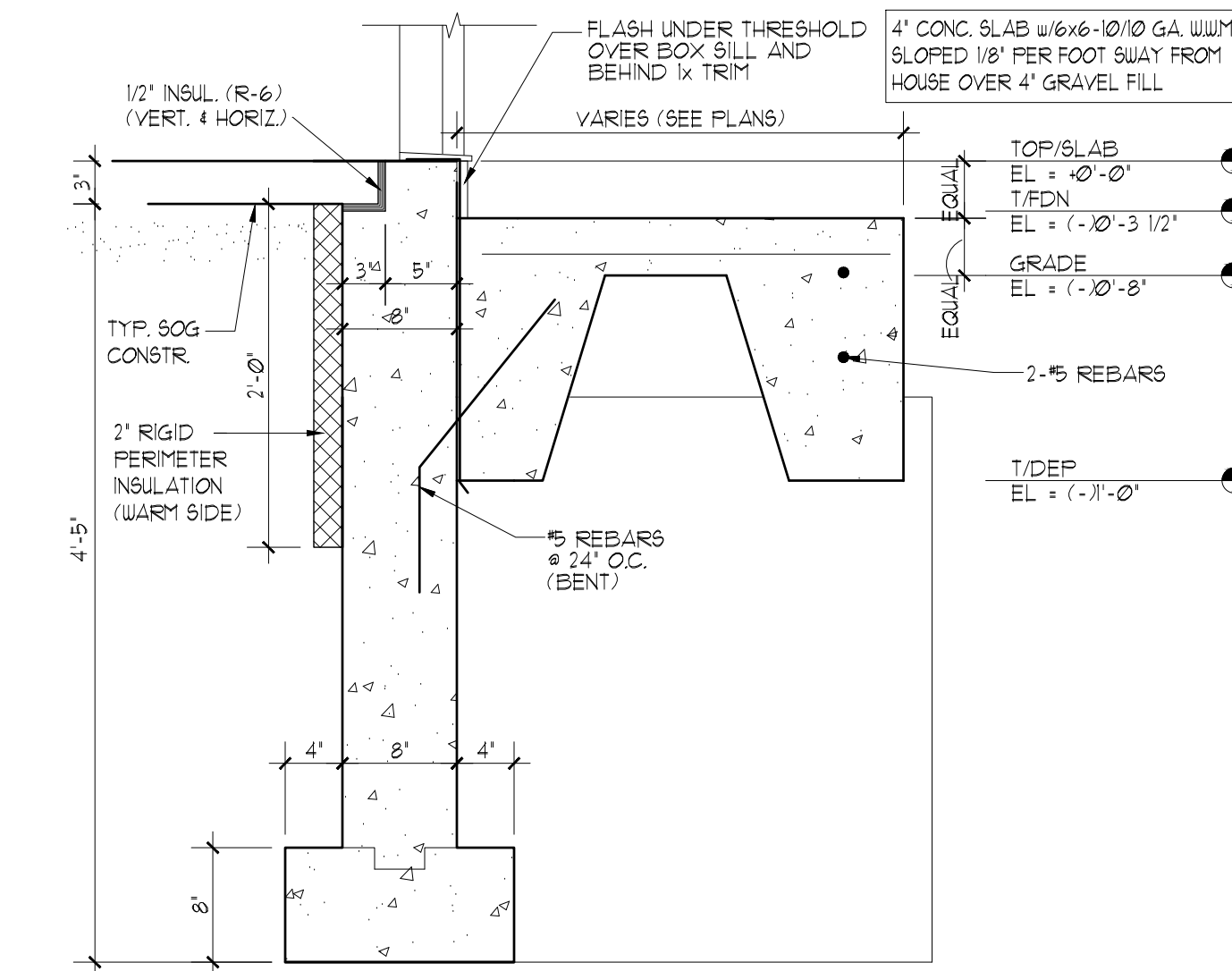
5 GARAGE HOUSE WALL @ BASEMENT
SCALE: 1/4"=1'-0"



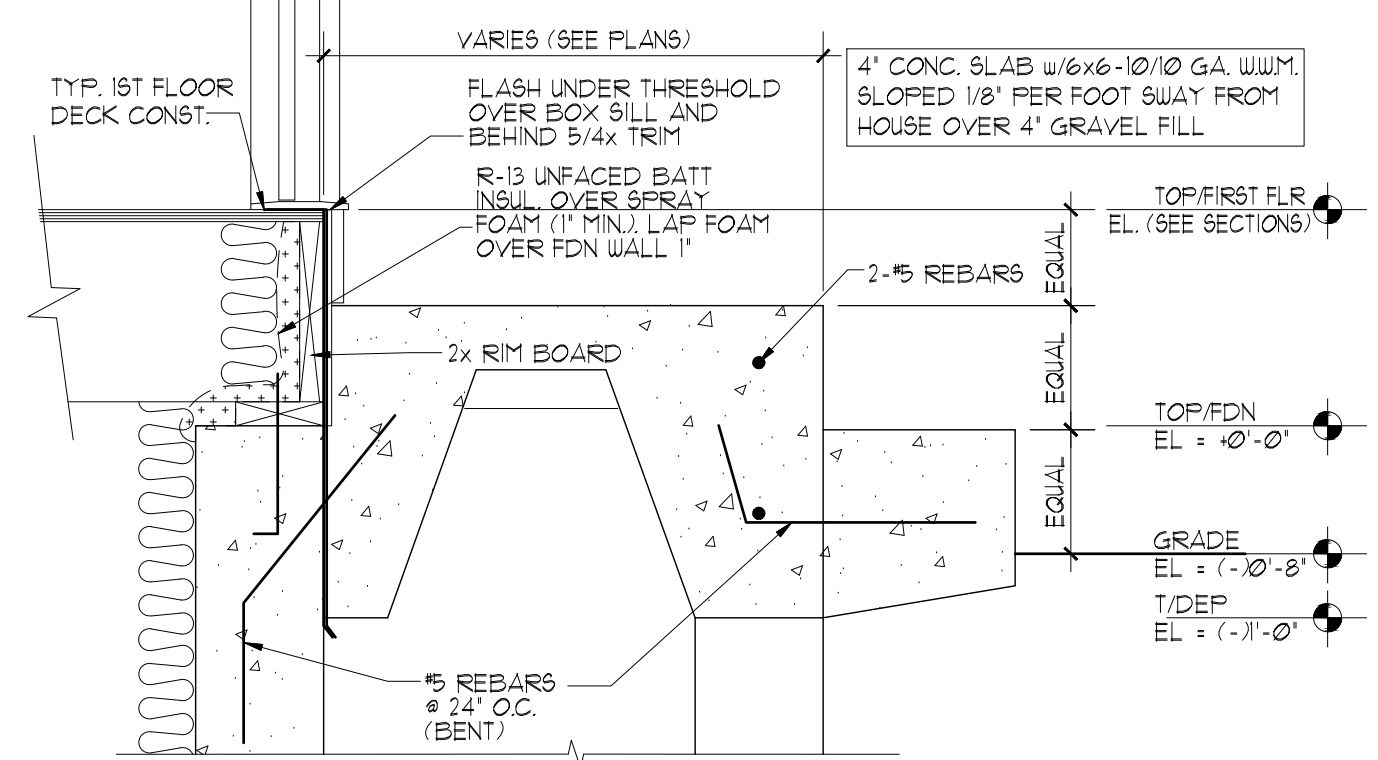
8 THICKENED SLAB DETAIL
SCALE: 1/4"=1'-0"



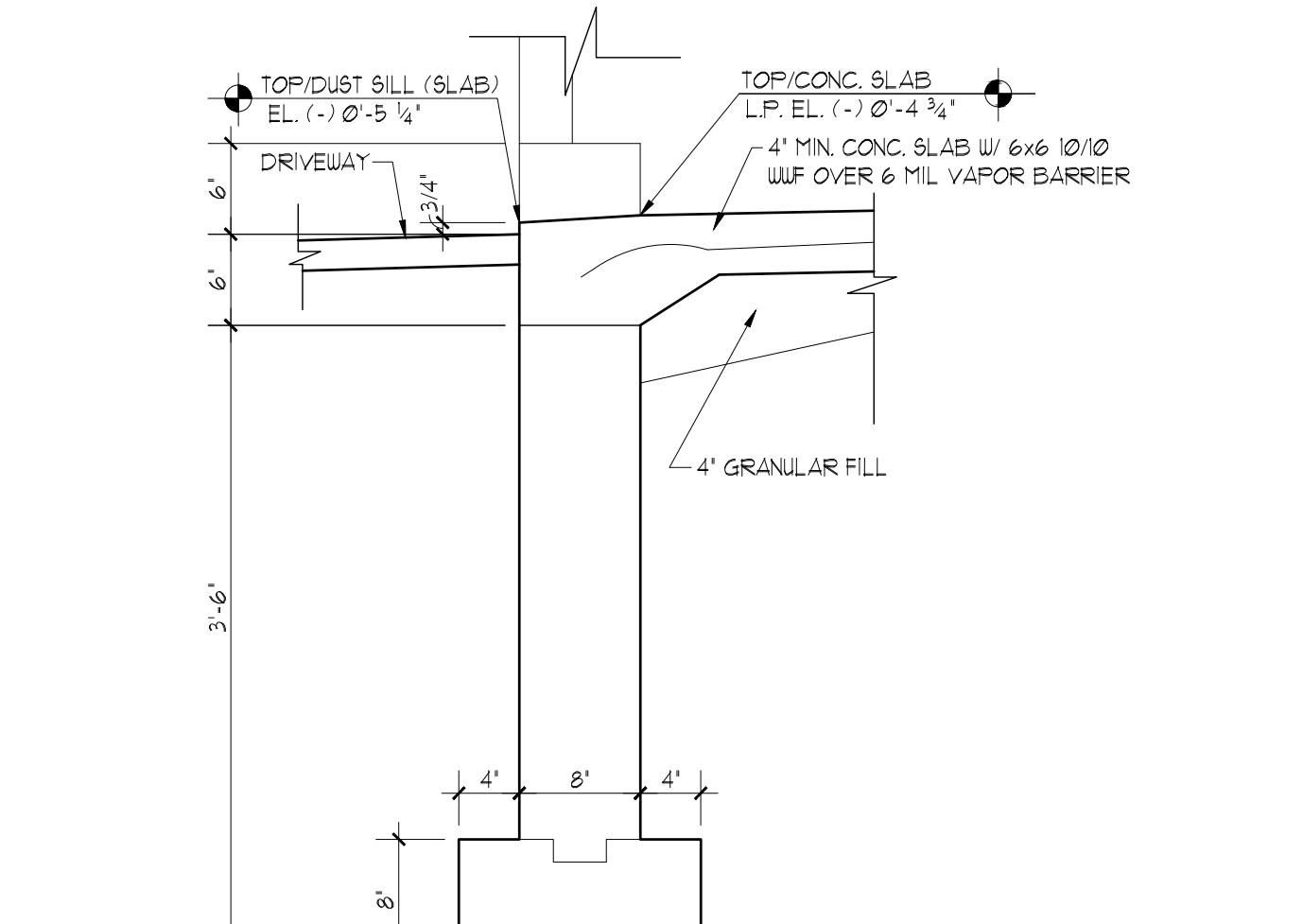
4 COLUMN DETAIL: 8' NOMINAL COLUMN
SCALE: 1/4"=1'-0"



3 SECTION @ STOOP w/ FRAME @ SLAB
SCALE: 1/4"=1'-0"



2 SECTION @ STOOP w/ FRAME @ BSMT
SCALE: 1/4"=1'-0"



1 DUST SILL @ OVERHEAD DOOR DETAIL
SCALE: 1/4"=1'-0"

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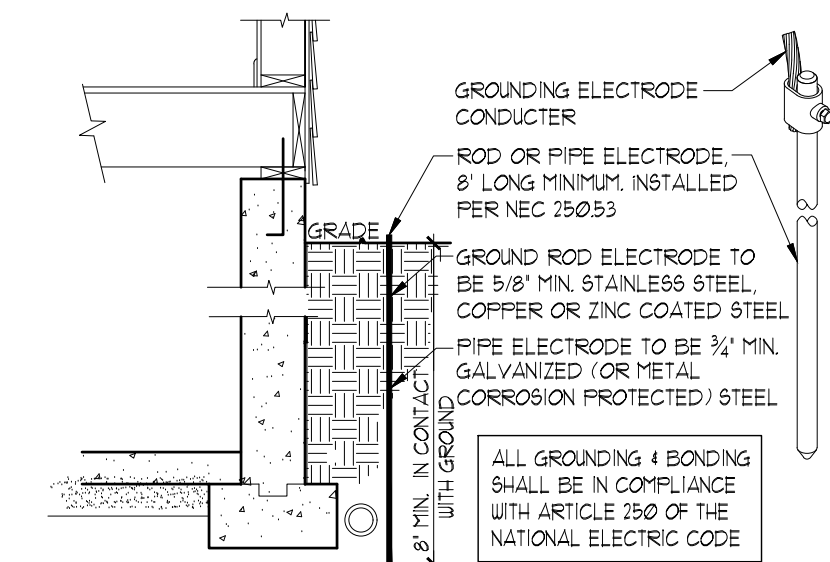
Date:	Proj. No.:	Drawn By:	Chkd. By:
11-10-23	720-606	JLK/RJW	

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1000 W. Spring St., Ste. 1, South Elgin, IL 60177 (847) 857-7050

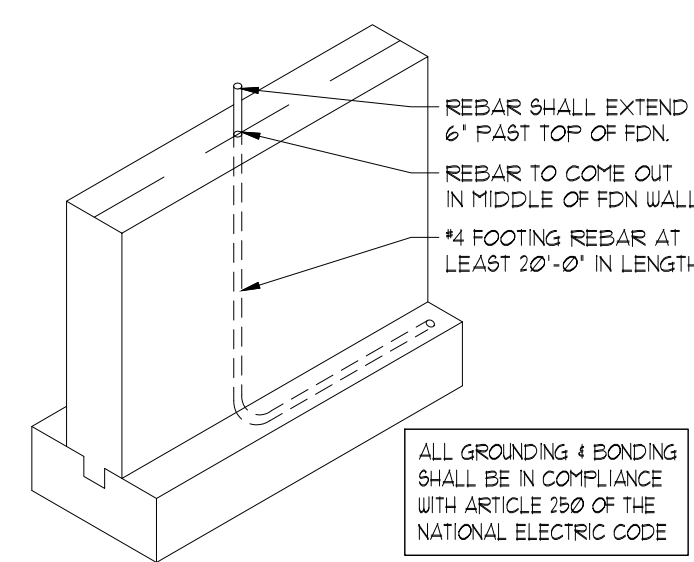
Whitewater, Wisconsin

U.S. SHELTER HOMES
MOUND MEADOWS SUBDIVISION
WALL SECTIONS AND DETAILS

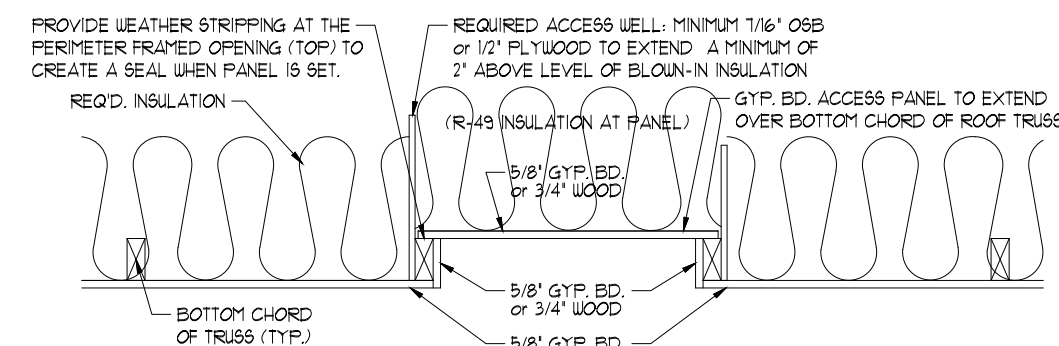
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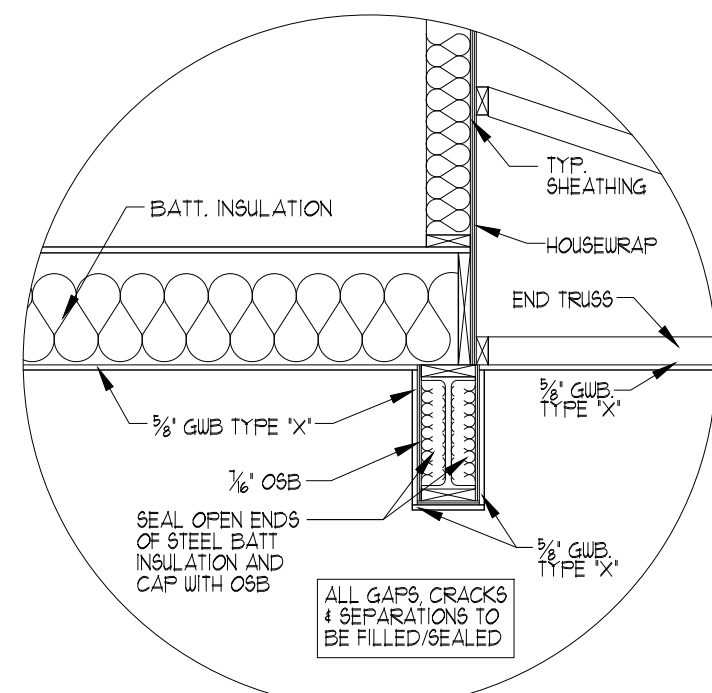
11a GROUNDING ELECTRODE - ROD OR PIPE
SCALE: 1/2"=1'-0"



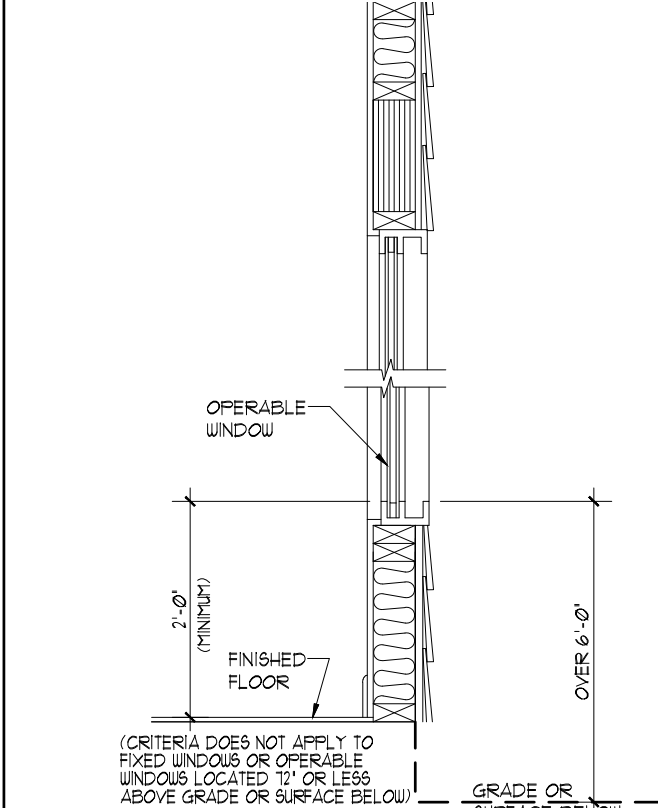
11b GROUNDING ELECTRODE - UFER
SCALE: 1/2"=1'-0"



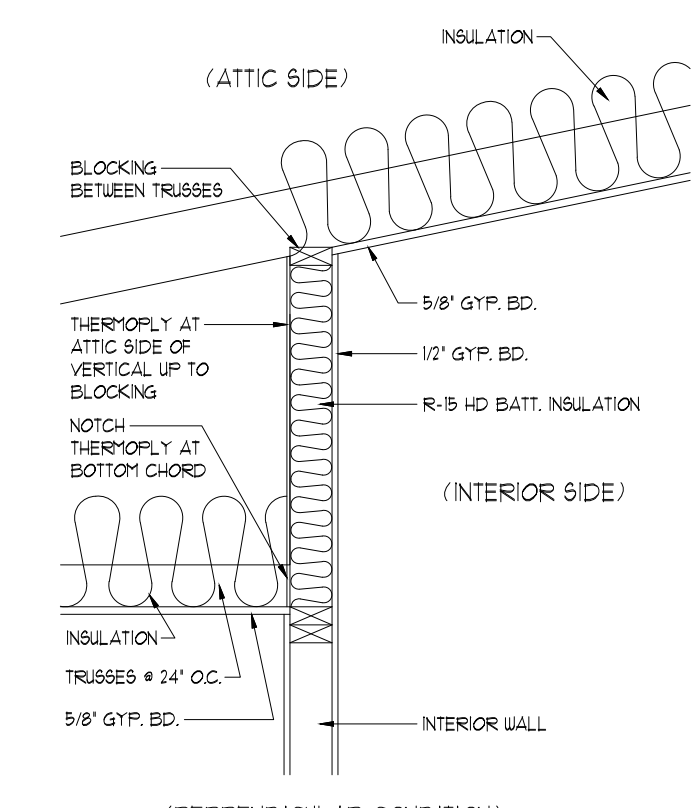
12 ATTIC ACCESS DETAIL
SCALE: 3/4"=1'-0"



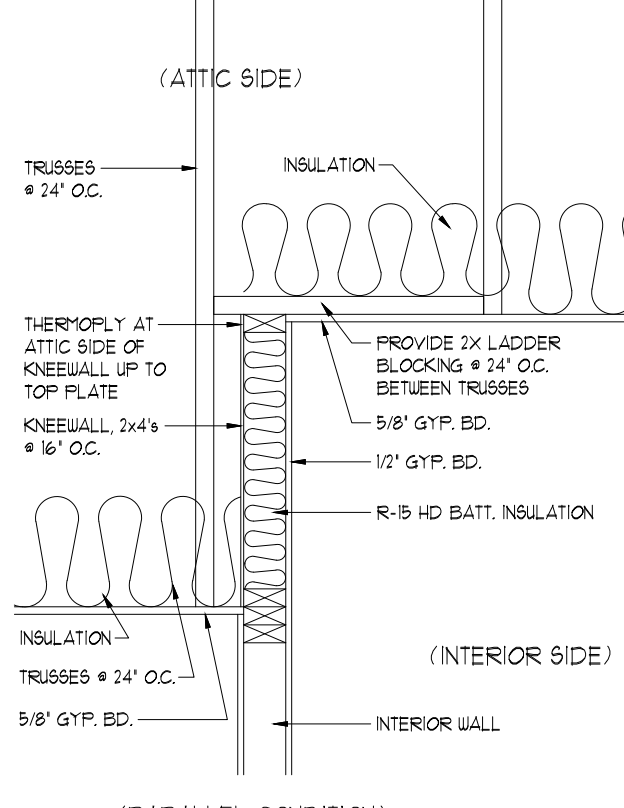
10 GARAGE DRAFTSTOPPING @ STEEL BEAM
SCALE: NONE



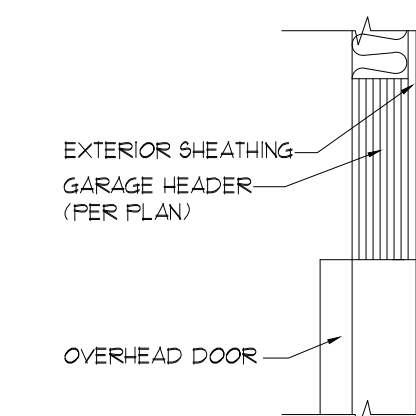
9 WINDOWS OVER 12' ABOVE GRADE (SURFACE BELOW)
SCALE: 1"-1'-0"



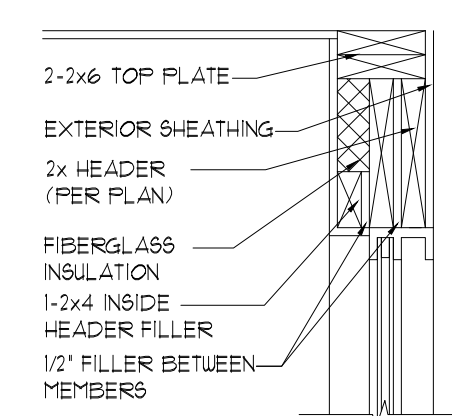
8 VAULT DETAIL AT INTERIOR WALL
SCALE: NONE



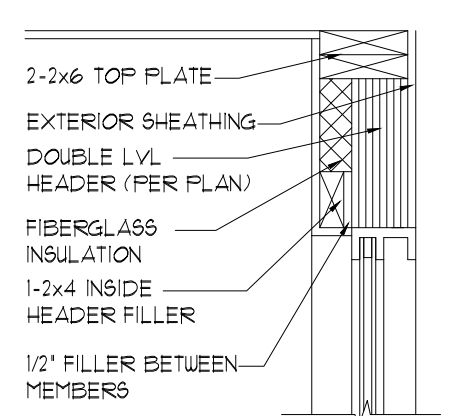
7 GARAGE ATTIC ADJACENT TO HOUSE ATTIC
SCALE: 1"-1'-0"



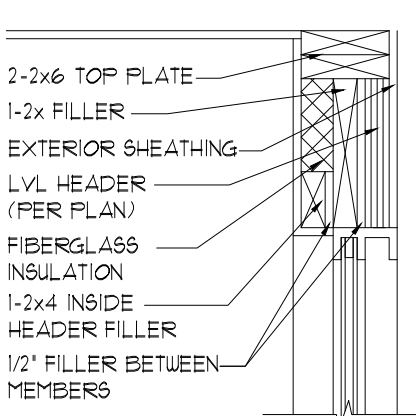
GARAGE HEADER DETAIL



DOUBLE 2x HEADER DETAIL

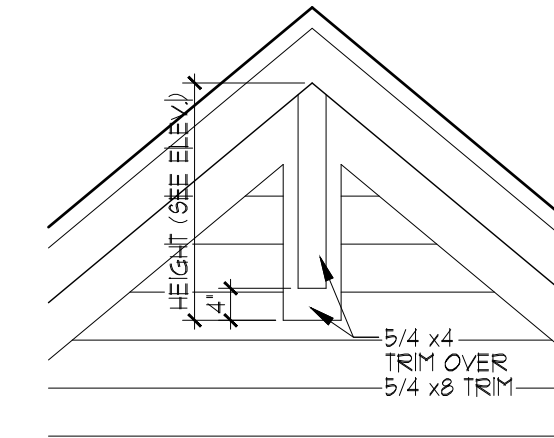


DOUBLE LVL HEADER DETAIL

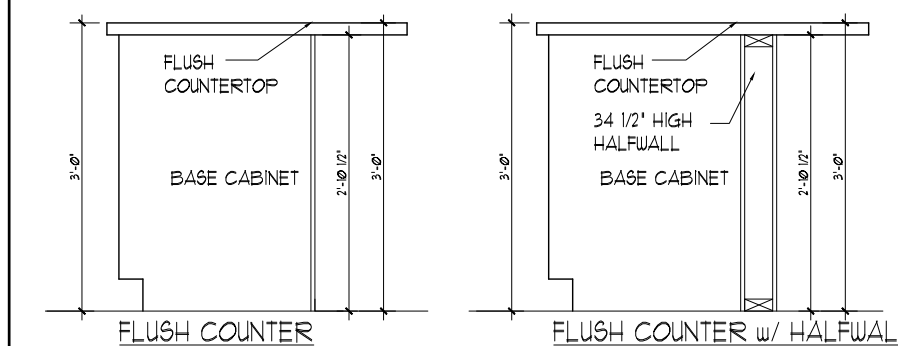


SINGLE LVL HEADER DETAIL

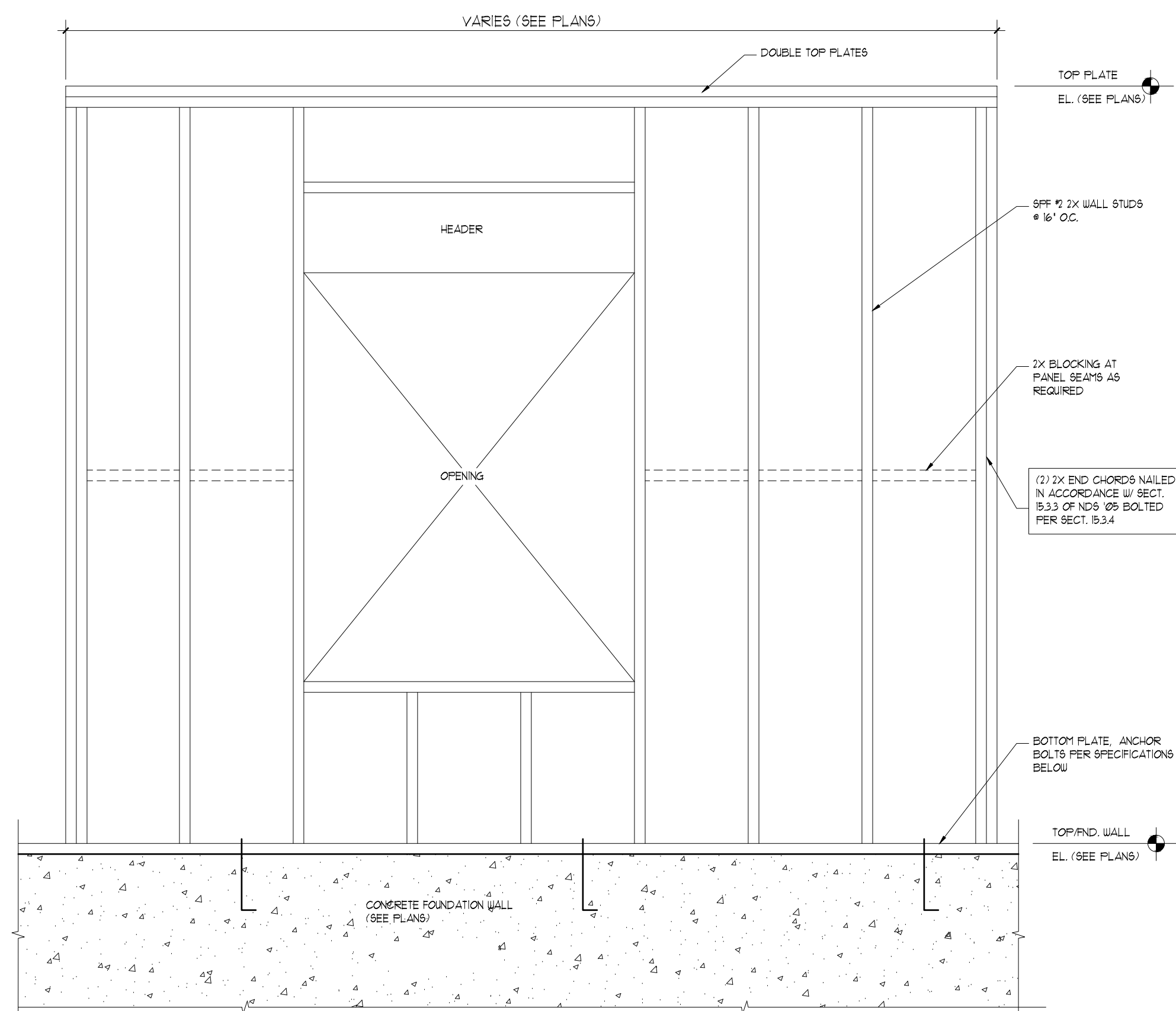
6 HEADER FRAMING DETAILS
SCALE: 1/2"=1'-0"



5 GABLE DETAIL
SCALE: 1/2"=1'-0"



4 KITCHEN COUNTER OVERHANG DETAILS
SCALE: 1/2"=1'-0"

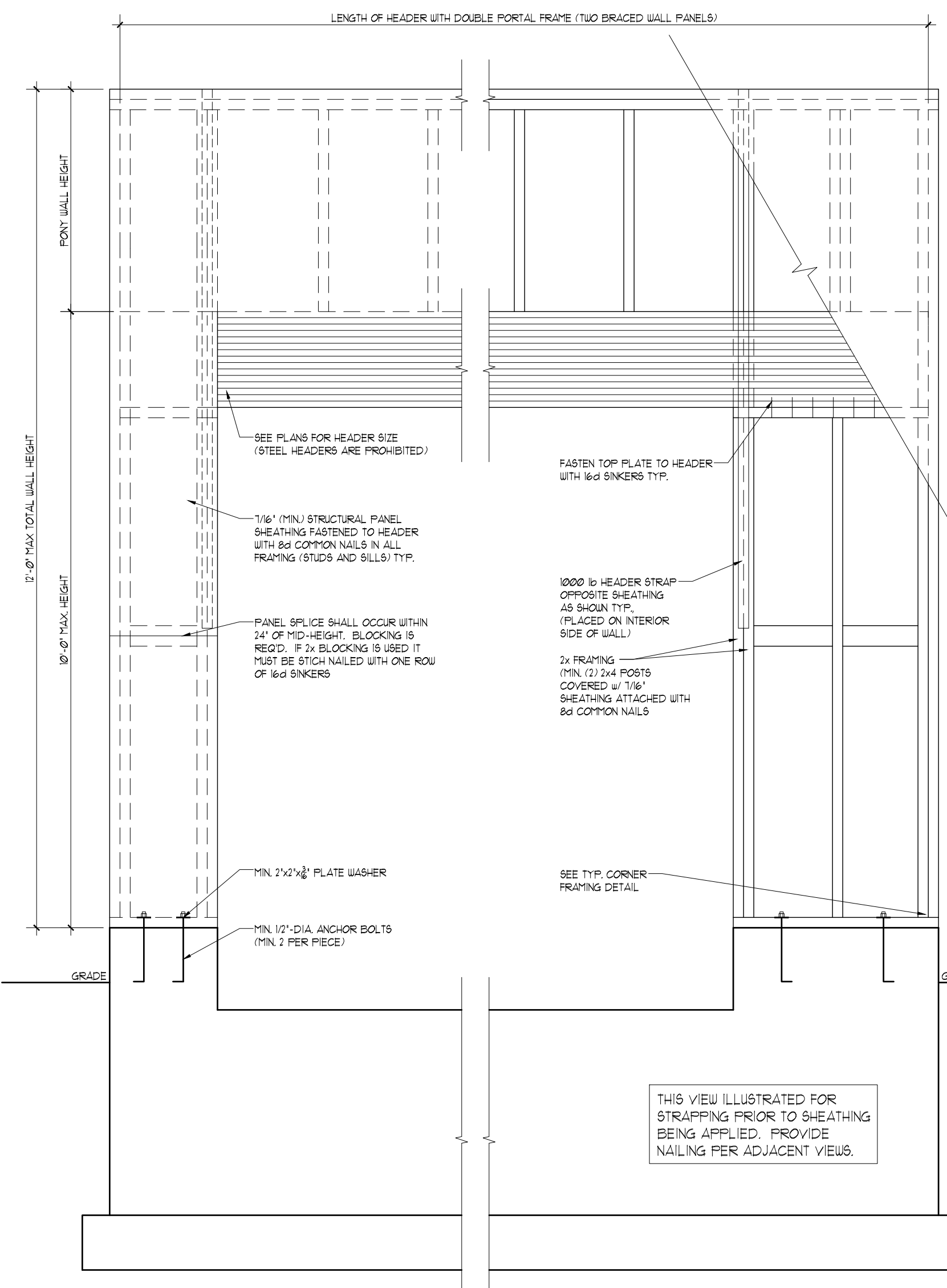


TYPE 'A' SHEARWALL 2- STORY (ALL EXTERIOR FRAME WALLS)
(1) LAYER 1/8" OSB SHEATHING ON EXTERIOR FACE - SECOND FLOOR
PANEL EDGES & BOUNDARIES + 8d NAILS # 6" O.C.
INTERMEDIATE SUPPORTS + 8d NAILS # 12" O.C.
(2) LAYER 1/8" OSB SHEATHING ON EXTERIOR FACE - FIRST FLOOR
PANEL EDGES & BOUNDARIES + 8d NAILS # 3" O.C.
INTERMEDIATE SUPPORTS + 8d NAILS # 12" O.C.
(3) 2x STUDS EACH END.

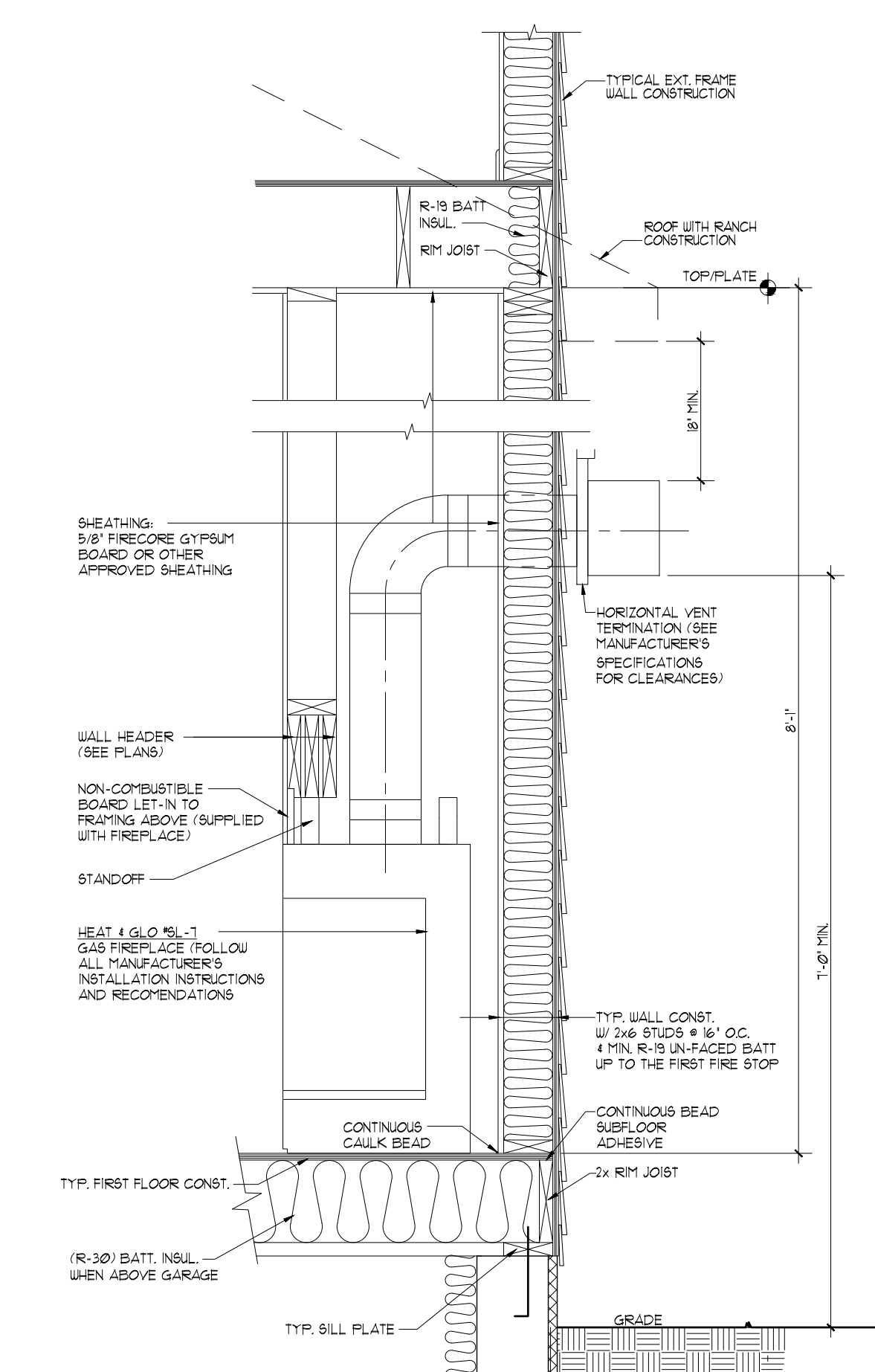
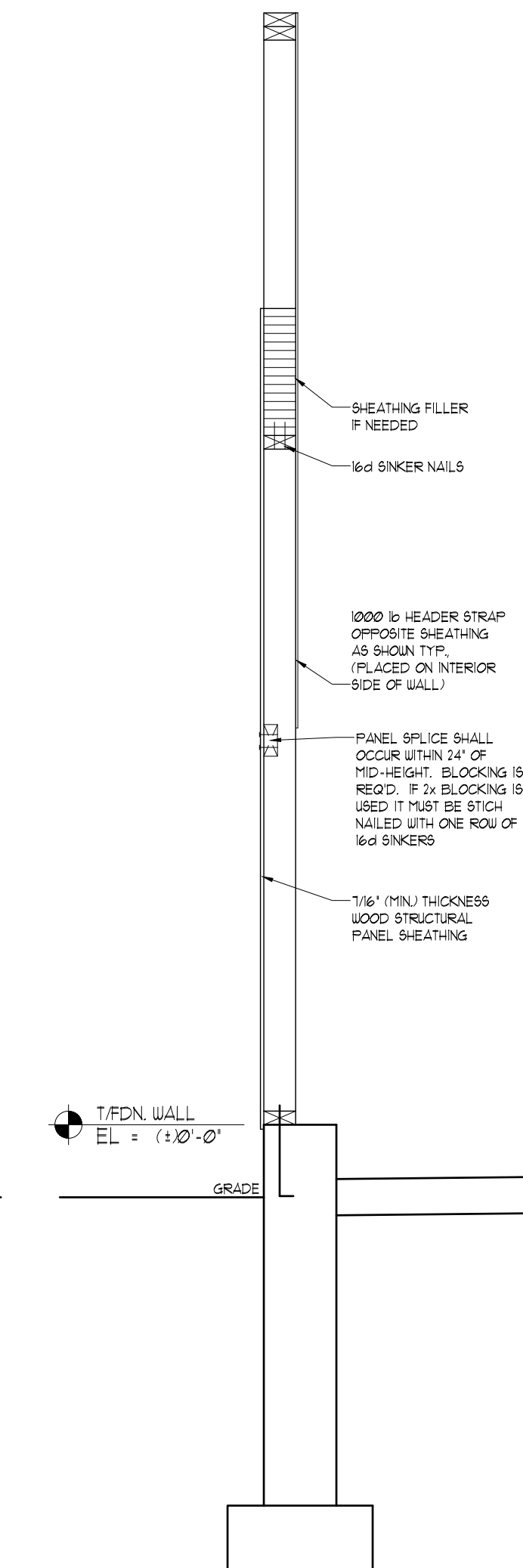
TYPE 'B' SHEARWALL 2- STORY (HOUSE/GARAGE WALLS)
(1) LAYER 1/2" (12" OR 5/8") GYPSUM SHEATHING ON EACH FACE - FIRST FLOOR
PANEL EDGES & BOUNDARIES + 5d COOLER # 1" O.C. (or No. 6-1 1/4" (5/8"-5/8")TP) SCREWS # 4" O.C.
INTERMEDIATE SUPPORTS + 5d COOLER # 1" O.C. (or No. 6-1 1/4" (5/8"-5/8")TP) SCREWS # 12" O.C.
(2) 2x STUDS EACH END.

TYPE 'C' SHEARWALL 2- STORY (IF SPECIFICALLY CALLED OUT)
(1) LAYER 1/2" (MIN) GYPSUM SHEATHING ON INTERIOR FACE - SECOND FLOOR
PANEL EDGES & BOUNDARIES + 5d COOLER # 1" O.C. (or No. 6-1 1/4" SCREWS # 4" O.C.)
INTERMEDIATE SUPPORTS + 5d COOLER # 1" O.C. (or No. 6-1 1/4" SCREWS # 12" O.C.)
(2) LAYER 1/2" (MIN) GYPSUM SHEATHING ON INTERIOR FACE - FIRST FLOOR
PANEL EDGES & BOUNDARIES + 5d COOLER # 4" O.C. (or No. 6-1 1/4" SCREWS # 4" O.C.)
INTERMEDIATE SUPPORTS + 5d COOLER # 1" O.C. (or No. 6-1 1/4" SCREWS # 12" O.C.)
(3) 2x STUDS EACH END.

3 SHEARWALL DETAIL/SPECIFICATIONS
NO SCALE



2 PORTAL FRAMING DETAIL
NO SCALE
APPLIES TO ALL WOOD FRAMED GARAGE DOOR HEADERS



1 GAS FIREPLACE DETAIL
SCALE: 1"-1'-0"

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US SHELTER HOMES
MOUND MEADOWS SUBDIVISION
Whitewater, Wisconsin
U.S. SHELTER

Sheet No.:
D3
WALL SECTIONS AND DETAILS