

**DUMOULIN  
 RESIDENCE**

49 EATON AVE  
 MEREDITH, NH 03253

SEAL

AGENCY APPROVAL

DRAWING ISSUANCE		
NO.	DESCRIPTION	DATE

SHEET INFORMATION

SITE PLAN

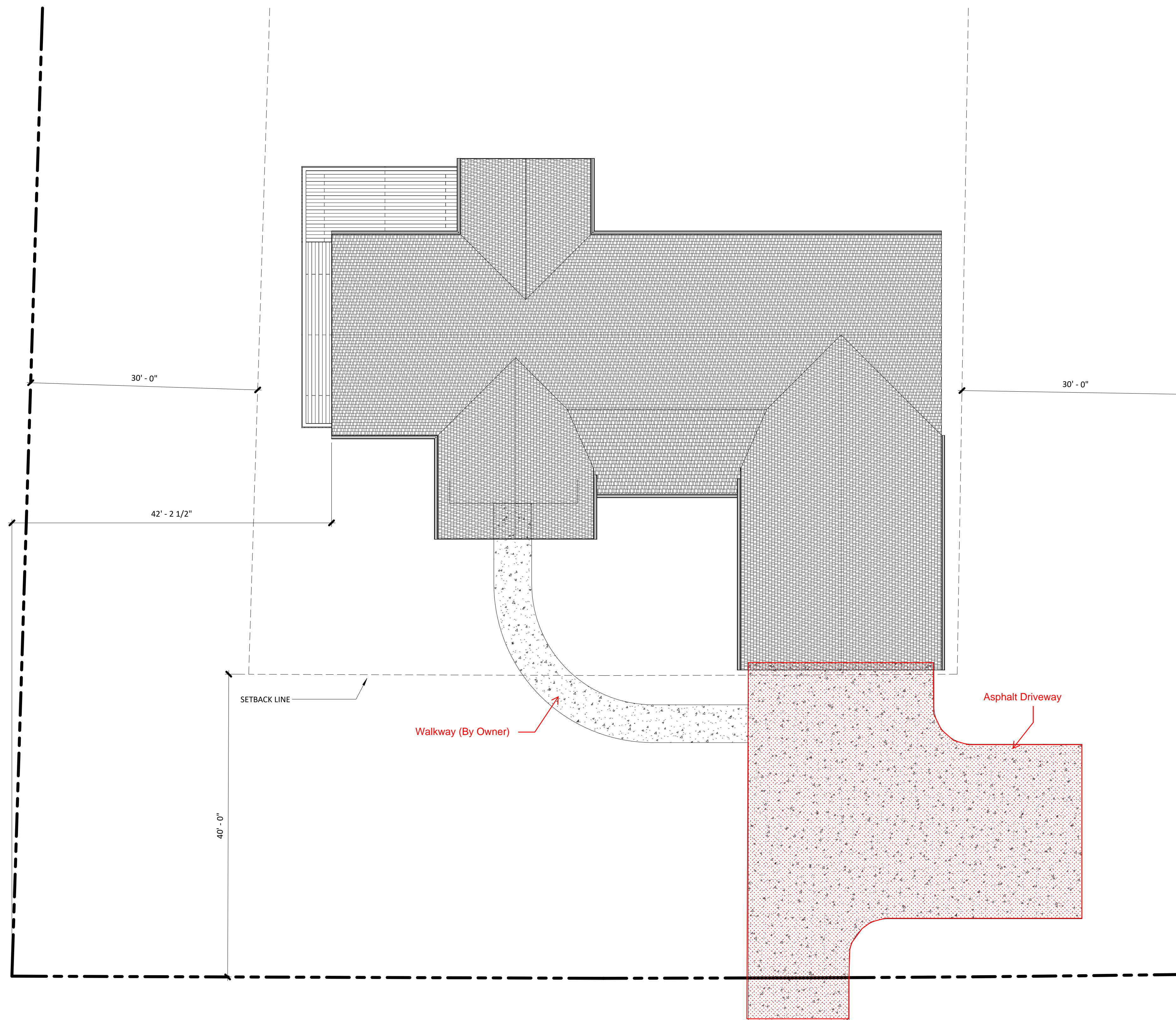
**A-001**

**SITE NOTES:**

1. VERIFY ALL PROPERTY LINES, EASEMENTS, SETBACKS, AND BENCHMARKS PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING.
2. CONTRACTOR SHALL FIELD-VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO START OF WORK.
3. ALL WORK SHALL COMPLY WITH THE LATEST EDITIONS OF THE NEW HAMPSHIRE STATE BUILDING CODE, THE INTERNATIONAL RESIDENTIAL CODE (IRC), AND ALL LOCAL ORDINANCES.
4. OBTAIN ALL REQUIRED PERMITS AND APPROVALS FROM STATE, COUNTY, AND LOCAL AUTHORITIES PRIOR TO COMMENCEMENT OF WORK.
5. VERIFY ALL UTILITY LOCATIONS AND DEPTHS BEFORE EXCAVATION. COORDINATE CONNECTIONS WITH LOCAL UTILITY COMPANIES.
6. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURE. MINIMUM SLOPE: 6 INCHES IN 10 FEET FOR UNPAVED AREAS UNLESS OTHERWISE NOTED.
7. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED PER LOCAL REQUIREMENTS THROUGHOUT CONSTRUCTION.
8. SNOW LOADS, FROST DEPTHS, AND OTHER LOCAL DESIGN CRITERIA SHALL BE CONFIRMED WITH LOCAL AUTHORITIES PRIOR TO FOOTING EXCAVATION.
9. COORDINATE DRIVEWAY AND WALKWAY MATERIALS, WIDTHS, AND SLOPES WITH OWNER PRIOR TO INSTALLATION.
10. CONTRACTOR SHALL VERIFY ALL FINISH FLOOR ELEVATIONS PRIOR TO POURING FOUNDATIONS OR SLABS.

**CONCRETE WALK AND DRIVEWAY:**

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 301, ACI 318, AND ACI 330R, LATEST EDITIONS.
2. VERIFY ALL GRADES, ELEVATIONS, AND DRAINAGE REQUIREMENTS PRIOR TO PLACEMENT OF CONCRETE. PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURE (MIN. 2% SLOPE).
3. MINIMUM CONCRETE THICKNESS: SIDEWALKS: 4 INCHES THICK. DRIVEWAYS: 6 INCHES THICK (MINIMUM 8 INCHES AT GARAGE APRON OR HEAVY VEHICLE AREAS)
4. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS.
5. AIR ENTRAINMENT: 5% TO 7% TO RESIST FREEZE-THAW CONDITIONS.
6. USE 3/4" MAXIMUM AGGREGATE SIZE.
7. CONCRETE SHALL BE REINFORCED AS FOLLOWS:  
 SIDEWALKS: 6x6 W1.4xW1.4 WELDED WIRE MESH (WWM) CENTERED IN SLAB.  
 DRIVEWAYS: #4 BARS @ 12" O.C. EACH WAY (TOP THIRD OF SLAB) OR 6x6 W2.9xW2.9 WWM.
8. PROVIDE 4" MINIMUM COMPACTED CRUSHED STONE BASE (3/4" CLEAN GRAVEL OR APPROVED EQUAL).
9. EXPANSION JOINTS: 1/2" PREFORMED BITUMINOUS OR CLOSED-CELL NEOPRENE MATERIAL. LOCATE AT: 20'-0" MAXIMUM INTERVALS IN SIDEWALKS. AT ALL TANGENTS, RADII, AND CHANGES IN DIRECTION. WHERE NEW CONCRETE MEETS EXISTING CONCRETE OR STRUCTURE.
10. CONTROL (CONTRACTION) JOINTS: SAW-CUT OR TOOL TO A DEPTH OF 1/4 THE SLAB THICKNESS. LOCATE AT 5'-0" MAXIMUM SPACING FOR SIDEWALKS AND 10'-0" MAXIMUM FOR DRIVEWAYS.
11. FINISH: SIDEWALKS: LIGHT BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL.
12. DRIVEWAYS: MEDIUM BROOM FINISH PERPENDICULAR TO TRAFFIC FLOW.
13. ALL EDGES SHALL BE TOOLED TO 1/4" RADIUS.
14. PROTECT FRESH CONCRETE FROM PREMATURE DRYING AND FREEZING.
15. CONCRETE SHALL NOT BE PLACED WHEN AMBIENT TEMPERATURE IS BELOW 40°F WITHOUT APPROVED COLD-WEATHER PROCEDURES.
16. CURING: APPLY MEMBRANE CURING COMPOUND PER ACI 308 OR KEEP MOIST FOR 7 DAYS.
17. JOINTS SHALL ALIGN ACROSS ADJACENT POURS AND AT BUILDING ENTRY POINTS.
18. ENSURE CONCRETE THICKNESS IS MAINTAINED UNIFORMLY AND FREE OF VOIDS OR DEPRESSIONS THAT MAY COLLECT WATER OR ICE.
19. DRIVEWAY EDGES ADJACENT TO ASPHALT OR GRAVEL SHALL BE SUPPORTED WITH COMPACTED BASE OR EDGE RESTRAINTS.
20. REINFORCEMENT SHALL BE SUPPORTED ON APPROVED CHAIRS OR DOBIES TO MAINTAIN PROPER COVER.
21. REPAIR ANY CRACKS OR DAMAGE PRIOR TO FINAL ACCEPTANCE.



**Revised**  
 03/25/2026 9:00:10 AM



**SLAB-ON-GRADE NOTES:**

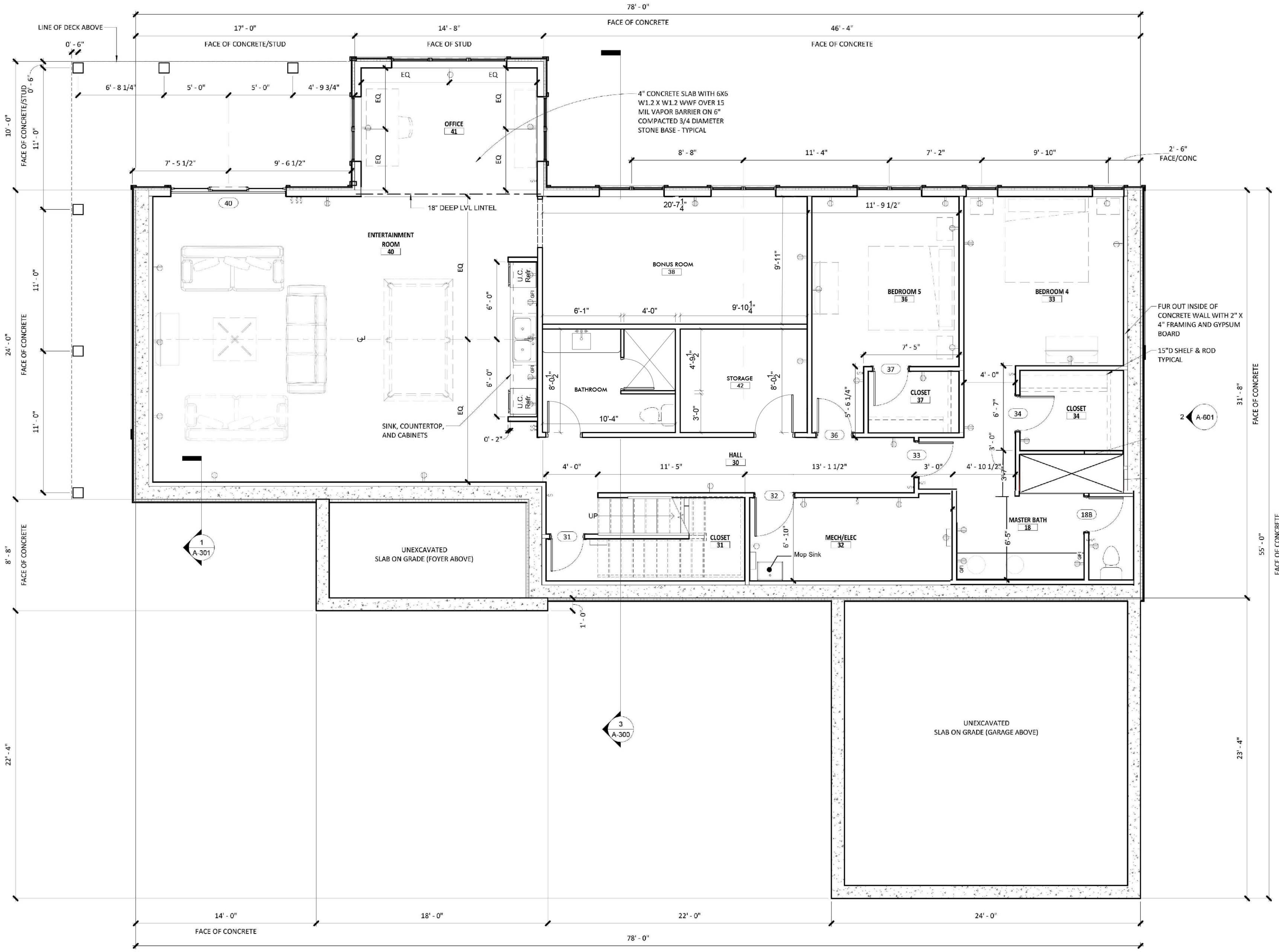
1. VERIFY SUBGRADE COMPACTION TO 95 PERCENT MODIFIED PROCTOR DENSITY. PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION, MINIMUM 6 INCHES FALL IN 10 FEET. INSTALL 4-INCH PERFORATED PVC OR HDPE DRAIN TILE AT FOOTING, WRAPPED IN FILTER FABRIC AND BEDDED IN CLEAN GRAVEL SLOPED TO DAYLIGHT OR SUMP.
2. PLACE 6 INCHES OF CLEAN, WASHED, ANGULAR STONE UNDER SLAB. USE AS DRAINAGE AND RADON COLLECTION LAYER. DO NOT USE FINE OR COMPACTED MATERIALS THAT RESTRICT AIR FLOW.
3. INSTALL PASSIVE RADON SYSTEM PER NHDHHS AND EPA GUIDELINES. CONNECT 3 TO 4 INCH PVC RISER TO SUB-SLAB STONE WITH T-FITTING. ROUTE VERTICALLY THROUGH BUILDING TO ABOVE ROOF AND LABEL "RADON VENT." CAP DURING CONSTRUCTION. PROVIDE POWER IN ATTIC FOR FUTURE FAN. MAKE ALL JOINTS AIRTIGHT. PROVIDE SEALED, GASKETED SUMP COVER. TEST FOR RADON AFTER OCCUPANCY; IF LEVELS  $\geq$  4.0 PC/L, INSTALL INLINE FAN. SEAL ALL PENETRATIONS WITH URETHANE OR EPOXY.
4. INSTALL 15 TO 20 MIL ASTM E1745 CLASS A VAPOR RETARDER ( $\leq$  0.1 PERMS) OVER STONE AND UNDER SLAB INSULATION. LAP SEAMS 6 TO 12 INCHES, SEAL WITH COMPATIBLE TAPE OR MASTIC, EXTEND UP FOUNDATION WALL 2 TO 3 INCHES, AND SEAL ALL PENETRATIONS. SECURE BEFORE POUR.
5. INSTALL 2 INCHES RIGID INSULATION (R-10 MINIMUM) BENEATH SLAB. USE EPS TYPE IX, XPS, OR FOAMGLAS. EXTEND INSULATION VERTICALLY ALONG FOUNDATION WALL TO FOOTING. PROVIDE THERMAL BREAK BETWEEN SLAB AND WALL. SEAL EDGE JOINTS WITH CLOSED-CELL FOAM OR SEALANT.
6. PROVIDE 15 MIL CAPILLARY BREAK MEMBRANE BENEATH FOOTINGS. INSTALL SUMP BASIN WITH SEALED COVER AND CHECK VALVE. DISCHARGE TO DAYLIGHT OR MINIMUM 10 FEET FROM FOUNDATION.
7. SEAL SLAB-TO-WALL JOINT WITH URETHANE OR SPRAY FOAM. MAINTAIN AIR AND VAPOR CONTINUITY AT RIM JOISTS AND SILL PLATES. PROVIDE HRV OR ERV VENTILATION MEETING ASHRAE 62.2.
8. PROVIDE HYDRONIC RADIANT SLAB HEATING FOR COMFORT. INSTALL FLOOR SENSOR THERMOSTATS. MAINTAIN SLAB TEMPERATURE BELOW 80°F AND INDOOR HUMIDITY 30 TO 50 PERCENT.
9. ACHIEVE INFILTRATION LESS THAN 2.0 ACH50 (BLOWER DOOR TESTED). PROVIDE CONTINUOUS EXTERIOR INSULATION (R-10 MINIMUM) ON FOUNDATION WALLS WHERE PRACTICAL. SEAL ALL PENETRATIONS VAPOR-TIGHT AND VERIFY SEALANT COMPATIBILITY.
10. REFER TO EPA RADON MITIGATION STANDARD (ASTM E2121), BUILDING SCIENCE CORPORATION COLD-CLIMATE DETAILS, ACI 302.1R, AND NHDHHS RADON PROGRAM GUIDELINES.

**FOUNDATION WALL NOTES:**

1. VERIFY FOOTING ELEVATIONS AND BEARING CONDITIONS BEFORE POUR. REMOVE LOOSE OR FROZEN MATERIAL. MAINTAIN DRY EXCAVATION AND PROTECT FROM WATER AND FROST.
2. PLACE REINFORCED CONCRETE WALLS OF SPECIFIED THICKNESS AND STRENGTH PER ACI 318 AND ACI 301. CONSOLIDATE TO ELIMINATE VOIDS. CURE PER ACI 308.
3. PROVIDE CAPILLARY BREAK BETWEEN FOOTING AND WALL USING 15 MIL VAPOR RETARDER, BITUMINOUS COATING, OR EPOXY DAMPPROOFING. EXTEND UNDER ALL LOAD-BEARING WALLS.
4. WATERPROOF EXTERIOR FACE WITH SELF-ADHERED OR FLUID-APPLIED MEMBRANE MEETING ASTM C836. APPLY TO CLEAN, DRY SUBSTRATE. TERMINATE AT GRADE AND FOOTING. SEAL PENETRATIONS. PROTECT WITH DRAINAGE BOARD AND FILTER FABRIC-LINED GRAVEL BACKFILL. INSTALL 4-INCH PERFORATED FOUNDATION DRAIN AT FOOTING, WRAPPED IN FILTER FABRIC, SLOPED TO DAYLIGHT OR SUMP.
5. INSULATE FOUNDATION WALLS TO ALIGN WITH UNDER-SLAB INSULATION. FOR INTERIOR, INSTALL 2 INCHES RIGID FOAM (EPS TYPE IX OR XPS) FROM SLAB TO TOP OF WALL. FOR EXTERIOR, INSTALL 2 INCHES RIGID FOAM OR FOAMGLAS WITH DRAINAGE PROTECTION. EXTEND TO FROST DEPTH OR FOOTING. SEAL JOINTS AND TERMINATE WITH COATING AT GRADE.
6. PROVIDE THERMAL BREAK AT SLAB-TO-WALL JOINT USING FOAMGLAS® PERINSUL OR APPROVED NON-ABSORBENT INSULATION. SEAL ALL JOINTS TO MAINTAIN AIR AND VAPOR CONTINUITY.
7. SEAL TOP OF WALL TO SILL PLATE WITH CLOSED-CELL FOAM GASKET OR SEALANT. SEAL ALL PENETRATIONS WITH NON-SHRINK GROUT OR POLYURETHANE SEALANT.
8. MAINTAIN CONTINUITY OF AIR, VAPOR, AND THERMAL LAYERS BETWEEN SLAB, FOUNDATION, AND ABOVE-GRADE WALLS.
9. COORDINATE RADON MITIGATION SYSTEM WITH FOUNDATION. SEAL ALL PENETRATIONS AND JOINTS AT BASE OF WALL. EXTEND RADON COLLECTION SYSTEM INTO SUB-SLAB STONE LAYER.
10. BACKFILL WITH FREE-DRAINING, NON-FROST-SUSCEPTIBLE MATERIAL IN 12-INCH LIFTS. COMPACT TO 90 PERCENT STANDARD PROCTOR. MAINTAIN POSITIVE DRAINAGE AWAY FROM WALLS, MINIMUM 6 INCHES FALL IN 10 FEET.
11. PLACE FOOTINGS BELOW LOCAL FROST DEPTH (MINIMUM 48 INCHES IN NEW HAMPSHIRE). COORDINATE WITH SITE DRAINAGE, SUMP, AND INSULATION DETAILS.

**UNEXCAVATED NOTES:**

1. PROVIDE FROST-PROTECTED FOUNDATIONS UNDER ALL STOOPS, PORCHES, AND UNEXCAVATED SLABS. EXTEND FOOTINGS BELOW LOCAL FROST DEPTH (MIN. 48 INCHES IN NEW HAMPSHIRE).
2. COMPACT SUBGRADE AND PLACE 6 INCHES OF CLEAN, WASHED STONE. ENSURE POSITIVE DRAINAGE AWAY FROM MAIN FOUNDATION WALLS.
3. CONSTRUCT UNEXCAVATED SLABS AS INDEPENDENT STRUCTURAL SLABS BEARING ON COMPACTED GRANULAR FILL. DO NOT CREATE ENCLOSED VOIDS OR AIR POCKETS. PROVIDE DRAINAGE OPENINGS OR PIPE CONNECTIONS TO RELIEVE WATER AND AIR PRESSURE.
4. EXTEND RADON STONE BASE AND COLLECTION PIPING UNDER STOOPS AND CONNECT TO PRIMARY RADON SYSTEM. SEAL ALL PENETRATIONS AND SLAB EDGES.
5. INSTALL 15 TO 20 MIL ASTM E1745 CLASS A VAPOR RETARDER OVER STONE BASE. LAP AND SEAL ALL SEAMS AND PENETRATIONS.
6. PROVIDE EXPANSION JOINT BETWEEN STOOP SLAB AND MAIN FOUNDATION WALL. MAINTAIN CONTINUOUS WATERPROOFING AND INSULATION BEHIND JOINT.
7. WATERPROOF ADJACENT FOUNDATION WALLS WITH SELF-ADHERED OR FLUID-APPLIED MEMBRANE. PROTECT WITH DRAINAGE BOARD AND TERMINATE AT GRADE. ENSURE STOOP SURFACE DRAINS AWAY FROM BUILDING.



PROJECT INFORMATION

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SHEET INFORMATION

BASEMENT PLAN

**A-100**

**1 BASEMENT FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

**Revised**  
05/06/2026 8:31:06 PM

**GENERAL NOTES:**

- ALL WORK SHALL COMPLY WITH THE 2021 INTERNATIONAL RESIDENTIAL CODE (IRC), NEW HAMPSHIRE STATE BUILDING CODE, AND ALL LOCAL AMENDMENTS AND ORDINANCES.
- THE ARCHITECT'S SERVICES ARE LIMITED TO DESIGN ONLY. THE ARCHITECT IS NOT PROVIDING CONSTRUCTION ADMINISTRATION OR SITE OBSERVATION SERVICES.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND CONDITIONS IN THE FIELD PRIOR TO START OF CONSTRUCTION AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT AND OWNER BEFORE PROCEEDING.
- UNLESS OTHERWISE NOTED, ALL INTERIOR DIMENSIONS ARE TO FACE OF GYPSUM BOARD; ALL EXTERIOR DIMENSIONS ARE TO FACE OF EXTERIOR STUD FRAMING. DO NOT SCALE DRAWINGS. DIMENSIONS SHALL GOVERN.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, SEQUENCES, TECHNIQUES, AND JOBSITE SAFETY.
- ALL WORK SHALL BE PERFORMED BY LICENSED AND INSURED CONTRACTORS IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS AND GOOD CONSTRUCTION PRACTICE.
- VERIFY LOCATIONS AND SIZES OF ALL DOORS, WINDOWS, FIXTURES, AND EQUIPMENT IN FIELD PRIOR TO ROUGH-IN OR FRAMING.
- COORDINATE FRAMING WITH ALL STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL REQUIREMENTS.
- PROVIDE ALL BLOCKING, BACKING, NAILERS, AND SUPPORTS REQUIRED FOR CABINETRY, SHELVING, HANDRAILS, GRAB BARS, LIGHT FIXTURES, AND WALL-MOUNTED EQUIPMENT.
- ALL INTERIOR PARTITIONS TO BE TYPICAL 2x4 WOOD STUDS @ 16" O.C. UNLESS OTHERWISE NOTED.
- EXTERIOR WALLS TO BE FRAMED AND INSULATED PER ENERGY CODE REQUIREMENTS. PROVIDE CONTINUOUS AIR/VAPOR BARRIER AS REQUIRED.
- PROVIDE FIREBLOCKING AND DRAFTSTOPPING AT ALL LOCATIONS REQUIRED BY CODE.
- ALL MATERIALS AND PRODUCTS SHALL BE NEW AND INSTALLED PER MANUFACTURER INSTRUCTIONS.
- CONTRACTOR SHALL PROVIDE SMOKE AND CARBON MONOXIDE DETECTORS IN COMPLIANCE WITH IRC SECTIONS R314 AND R315.
- ALL DOORS AND WINDOWS SHALL MEET CURRENT ENERGY CODE (IRC CHAPTER 11 / IECC) REQUIREMENTS FOR U-FACTORS AND SHGC VALUES.
- STAIRWAYS, HANDRAILS, AND GUARDRAILS SHALL COMPLY WITH IRC SECTION R311.7 AND R312.
- FIRE-RESISTIVE SEPARATIONS (GARAGE / HABITABLE SPACE, FURNACE ROOM, ETC.) SHALL BE PROVIDED PER IRC SECTION R302.6 USING 1/2" OR 5/8" TYPE X GYPSUM BOARD AS REQUIRED.
- PROVIDE ATTIC ACCESS OPENING MINIMUM 22" X 30" PER IRC SECTION R807.
- BATHROOMS AND KITCHENS SHALL BE VENTED TO THE EXTERIOR PER IRC M1507.
- ALL EXHAUST FANS, DUCTS, AND DRYER VENTS SHALL TERMINATE OUTSIDE THE BUILDING ENVELOPE.
- CONTRACTOR SHALL PROVIDE GFCI AND AFCI PROTECTION WHERE REQUIRED BY THE ELECTRICAL CODE.
- COORDINATE ALL APPLIANCE AND FIXTURE CONNECTIONS WITH OWNER SUPPLIED EQUIPMENT.
- CONTRACTOR SHALL PROVIDE SOUND-ATTENUATION INSULATION AROUND BATHROOMS AND MECHANICAL ROOMS WHERE PRACTICAL.
- ALL FLOORS SHALL BE LEVEL AND SMOOTH PRIOR TO INSTALLATION OF FINISH MATERIALS.
- CONTRACTOR SHALL COORDINATE LOCATIONS OF LIGHT SWITCHES, RECEPTACLES, AND HVAC REGISTERS TO AVOID CONFLICTS WITH CASEWORK AND DOOR SWINGS.
- ALL INTERIOR AND EXTERIOR FINISHES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
- CONTRACTOR SHALL ENSURE THAT ALL OPENINGS, PENETRATIONS, AND ENVELOPE CONNECTIONS ARE SEALED FOR AIR AND WATER TIGHTNESS.
- VERIFY ALL HEADER SIZES, BEAMS, AND LOAD PATHS WITH STRUCTURAL REQUIREMENTS BEFORE FRAMING.
- ALL STRUCTURAL ELEMENTS SHOWN ARE DIAGRAMMATIC. FINAL DESIGN AND INSTALLATION SHALL BE VERIFIED BY A LICENSED STRUCTURAL ENGINEER OR AS APPROVED BY THE BUILDING OFFICIAL.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITY CONNECTIONS (WATER, SEWER, GAS, ELECTRICAL) PRIOR TO EXCAVATION OR FOUNDATION WORK.
- FINAL INSPECTION AND APPROVAL BY THE TOWN OF MEREDITH BUILDING DEPARTMENT IS REQUIRED PRIOR TO OCCUPANCY.
- ARCHITECT ASSUMES NO RESPONSIBILITY FOR CONTRACTOR'S MEANS, METHODS, OR WORKMANSHIP. FIELD COORDINATION AND CODE COMPLIANCE ARE THE CONTRACTOR'S SOLE RESPONSIBILITY.

PROJECT INFORMATION

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SEAL

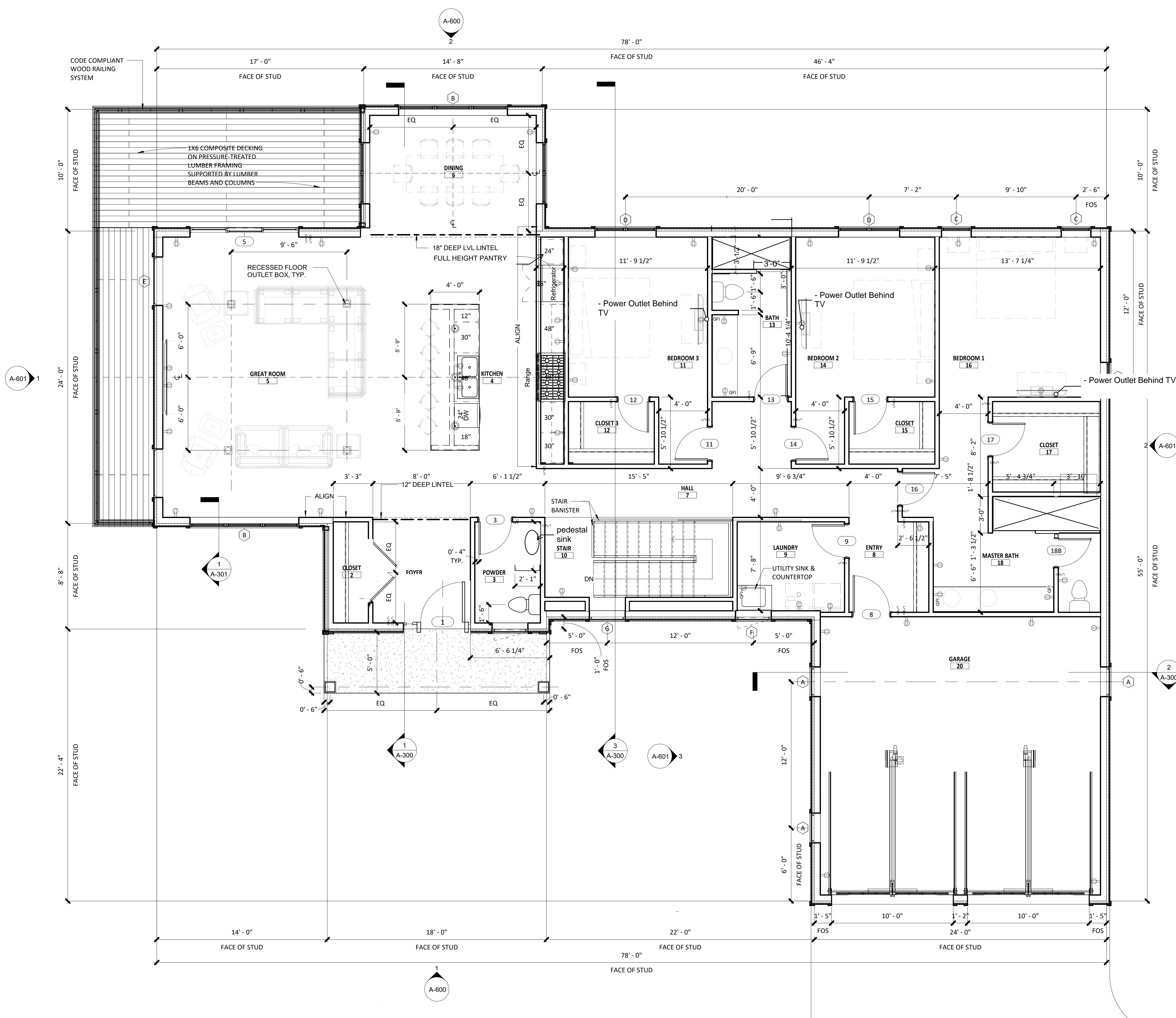
AGENCY APPROVAL

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SHEET INFORMATION

First Floor Plan

**A-101**



**1 FIRST FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

**Revised**  
03/25/2026 9:00:28 AM

**CEILING NOTES:**

1. ALL CEILING CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL COMPLY WITH THE LATEST ADOPTED NEW HAMPSHIRE STATE BUILDING CODE, INCLUDING THE 2021 IRC AND 2021 IECC, AND ANY LOCAL AMENDMENTS ADOPTED BY THE TOWN OF MEREDITH, NH. VERIFY AND COORDINATE WITH LOCAL BUILDING OFFICIALS PRIOR TO CONSTRUCTION.
2. MINIMUM CEILING HEIGHT SHALL BE 7'-0" FOR HABITABLE SPACES, HALLWAYS, AND CORRIDORS, AND 6'-8" FOR BATHROOMS, LAUNDRY ROOMS, AND BASEMENTS PER IRC R305. VERIFY THAT SOFFITS, BEAMS, AND DUCT DROPS MAINTAIN REQUIRED CLEARANCES.
3. USE 1/2" GYPSUM BOARD MINIMUM FOR ALL CEILINGS UNLESS OTHERWISE NOTED. USE 5/8" TYPE "X" GYPSUM BOARD WHERE REQUIRED FOR FIRE PROTECTION OR SOUND CONTROL. USE MOISTURE-RESISTANT GYPSUM (ASTM C1396) AT BATHROOM AND LAUNDRY CEILINGS. DO NOT INSTALL MOISTURE-RESISTANT GYPSUM ON CEILINGS WITH FRAMING SPACED OVER 12" O.C.
4. INSTALL GYPSUM BOARD PER ASTM C840 AND MANUFACTURER'S RECOMMENDATIONS. STAGGER JOINTS, SCREW TO FRAMING WITH CORROSION-RESISTANT FASTENERS, AND FINISH TO LEVEL 4 MINIMUM (LEVEL 5 WHERE CRITICAL LIGHTING OR GLOSS FINISH OCCURS). PROVIDE BACKING AT ALL BUTT JOINTS.
5. PROVIDE ATTIC VENTILATION PER IRC R806: MINIMUM 1 SQ. FT. OF NET FREE VENT AREA PER 150 SQ. FT. OF ATTIC AREA, OR 1:300 WHEN BALANCED INTAKE AND EXHAUST ARE PROVIDED. INSTALL BAFFLES TO PREVENT INSULATION FROM BLOCKING SOFFIT VENTS.
6. ALL RECESSED LIGHT FIXTURES IN INSULATED CEILINGS SHALL BE IC-RATED AND AIRTIGHT (ICAT). FAN BOXES SHALL BE RATED FOR FAN SUPPORT AND INSTALLED PER NEC 314.27.
7. PRIME AND PAINT CEILINGS WITH VAPOR-PERMEABLE, MILDEW-RESISTANT COATINGS APPROPRIATE TO ROOM TYPE. USE SEMI-GLOSS OR SATIN ENAMEL FINISH AT BATHROOM AND LAUNDRY CEILINGS.
8. CONTRACTOR SHALL VERIFY ALL CEILING HEIGHTS, SOFFIT ALIGNMENTS, AND PENETRATIONS PRIOR TO INSTALLATION. COORDINATE LOCATIONS OF ALL FIXTURES AND DEVICES WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION.

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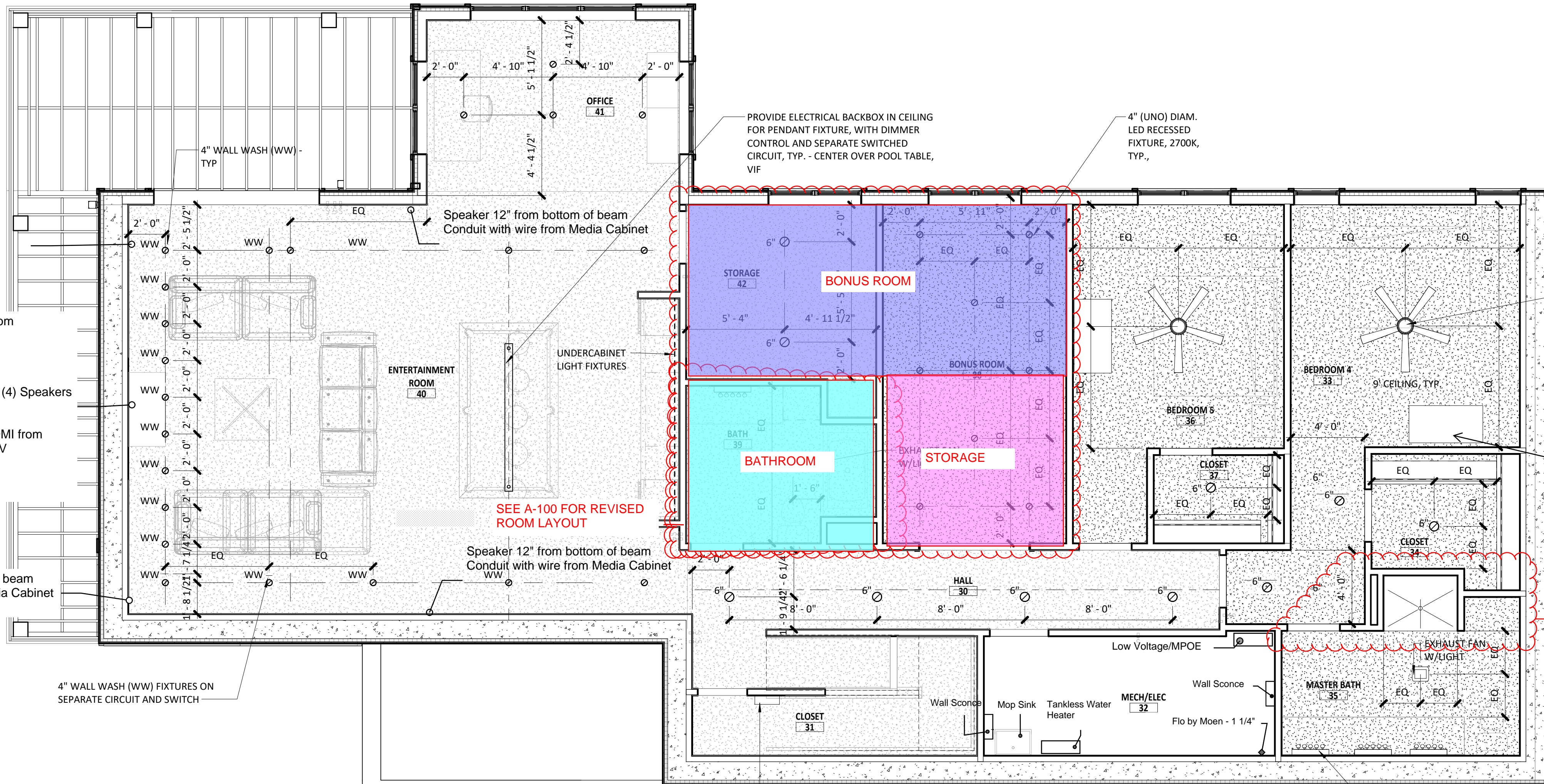
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CEILING PLAN

**A-102**



PROVIDE ELECTRICAL BACKBOX IN CEILING FOR CEILING FAN. FAN REQUIRES POWER, LIGHT, AND DIMMER WITH REMOTE, TYP.

- Cat 6 Cable in Conduit from Mechanical Room

- Power Outlet Behind TV

SEE A100 FOR REVISED BATHROOM LAYOUT

PROVIDE ELECTRICAL BACKBOX IN WALL FOR WALL SCONCE, TYP.

Speaker Wire Conduit for Future Speaker 12" from bottom of beam

- Cat 6 Cable in Conduit from Mechanical Room

- 16 Outlet Strip

- Conduit with wire to Four (4) Speakers locations

- In-wall Conduit for future DMI from Media Cabinet to behind TV

- Power Outlet Behind TV

Speaker 12" from bottom of beam Conduit with wire from Media Cabinet

4" WALL WASH (WW) FIXTURES ON SEPARATE CIRCUIT AND SWITCH

ENTERTAINMENT (40)				
FT40	FLOOR	Wayne Parc Reserve™ Elwood® Luxury		<a href="https://www.msisurfaces.com/luxury-vinyl-planks/wayne-parc-reserve/el">https://www.msisurfaces.com/luxury-vinyl-planks/wayne-parc-reserve/el</a>
WP40	WALL PAINT	Sherwin-Williams Urbane Bronze SW 7048 Feshell		Sherwin-Williams Urbane Bronze SW 7048
CP40	CEILING PAINT	Sherwin-Williams Urbane Bronze SW 7048 Flat		
CAB1	CABINETE COLOR			Walnut
				Walnut Flating Shelves Above, with underside LED lighting.
CAB2	COUNTERTOP			Black Mist / Virginia Mist (Leathered)
WPAN	Wall Panel	TV Wall full height		<a href="https://www.msisurfaces.com/acoustic-wood-slat/sable-24x48-acoustic-">https://www.msisurfaces.com/acoustic-wood-slat/sable-24x48-acoustic-</a>

General				
Floors	Unless Otherwise Noted	Wayne Parc Reserve™ Elwood® Luxury Vinyl Planks		<a href="https://www.msisurfaces.com/luxury-vinyl-planks/wayne-parc-reserve/el">https://www.msisurfaces.com/luxury-vinyl-planks/wayne-parc-reserve/el</a>
Wall Paint	Unless Otherwise Noted	Sherwin Williams Alabaster Matte Sheen		
Ceiling Paint	Unless Otherwise Noted	Sherwin Williams Alabaster Flat		

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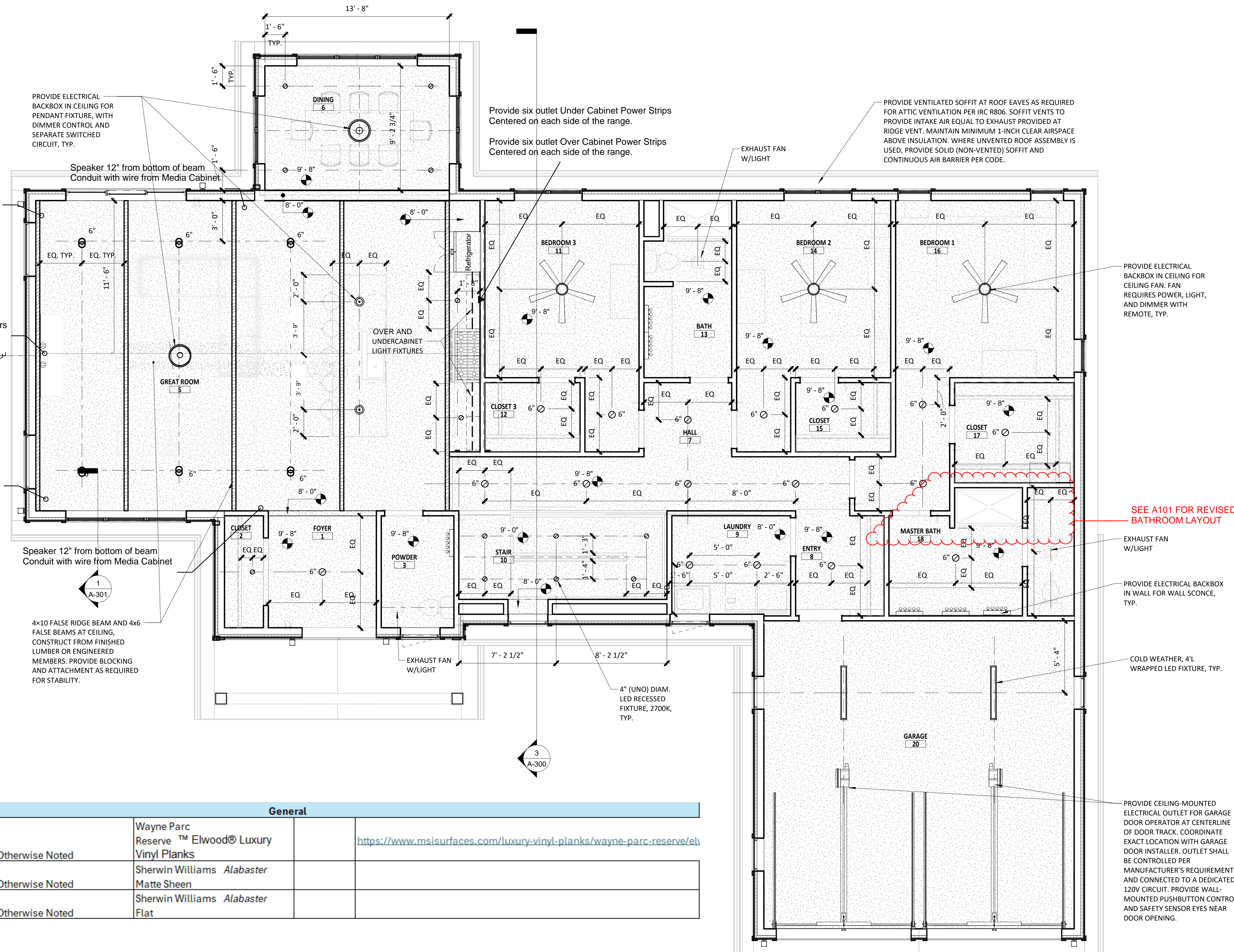
AGENCY APPROVAL

DRAWING ISSUANCE  
NO. DESCRIPTION DATE

SHEET INFORMATION

CEILING PLAN

**A-103**



**General**

Floors	Unless Otherwise Noted	Wayne Parc Reserve™ Elwood® Luxury Vinyl Planks	<a href="https://www.msissurfaces.com/luxury-vinyl-planks/wayne-parc-reserve/el">https://www.msissurfaces.com/luxury-vinyl-planks/wayne-parc-reserve/el</a>
Wall Paint	Unless Otherwise Noted	Sherwin Williams Alabaster Matte Sheen	
Ceiling Paint	Unless Otherwise Noted	Sherwin Williams Alabaster Flat	

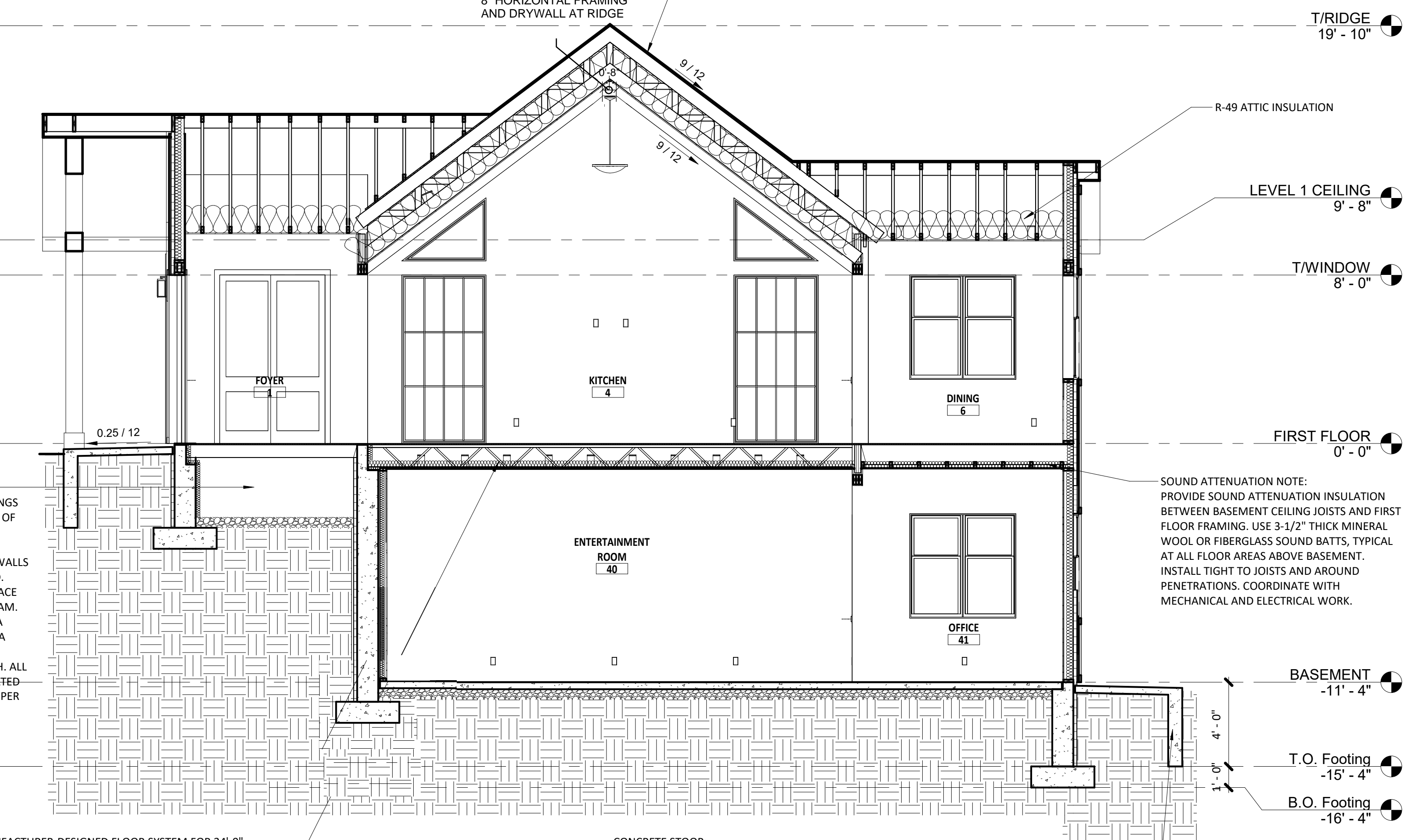
**1 FIRST FLOOR REFLECTED CEILING PLAN**  
SCALE: 1/4" = 1'-0"

**DUMOULIN  
RESIDENCE**

49 EATON AVE  
MEREDITH, NH 03253

**Revised**  
03/25/2026 9:00:44 AM

**ENGINEERED ROOF FRAMING – TRUSSES:**  
PROVIDE MANUFACTURER-DESIGNED SCISSOR ROOF TRUSS SYSTEM FOR SPANS AND ROOF PITCH INDICATED. DESIGN CRITERIA: 30 PSF MIN. ROOF LIVE LOAD, 20 PSF MIN. DEAD LOAD (INCLUDING CEILING AND ROOFING), AND SNOW LOAD PER LOCAL CODE REQUIREMENTS (MEREDITH, NH = 70 PSF GROUND SNOW LOAD MIN.). BASIS OF DESIGN: PRE-MANUFACTURED WOOD SCISSOR TRUSSES WITH BOTTOM CHORD SLOPE TO MATCH INTERIOR CEILING PROFILE. SUBMIT SHOP DRAWINGS AND CALCULATIONS SEALED BY A LICENSED STRUCTURAL ENGINEER. PROVIDE BEARING LENGTHS, HANGERS, LATERAL BRACING, AND STRONG-BACKS PER TRUSS MANUFACTURER'S SPECIFICATIONS. ALL CONNECTION HARDWARE SHALL BE SIMPSON OR APPROVED EQUAL. COORDINATE MECHANICAL, PLUMBING, AND LIGHTING PENETRATIONS WITH TRUSS LAYOUT; NO FIELD CUTTING OR NOTCHING OF TRUSS MEMBERS PERMITTED. PROVIDE ½" GYPSUM CEILING (OR AS SCHEDULED) ATTACHED TO BOTTOM CHORDS; ROOF SHEATHING TO BE 5/8" PLYWOOD OR OSB GLUED AND NAILED. VENTILATE ATTIC SPACE PER CODE WITH BAFFLES AT EAVES.

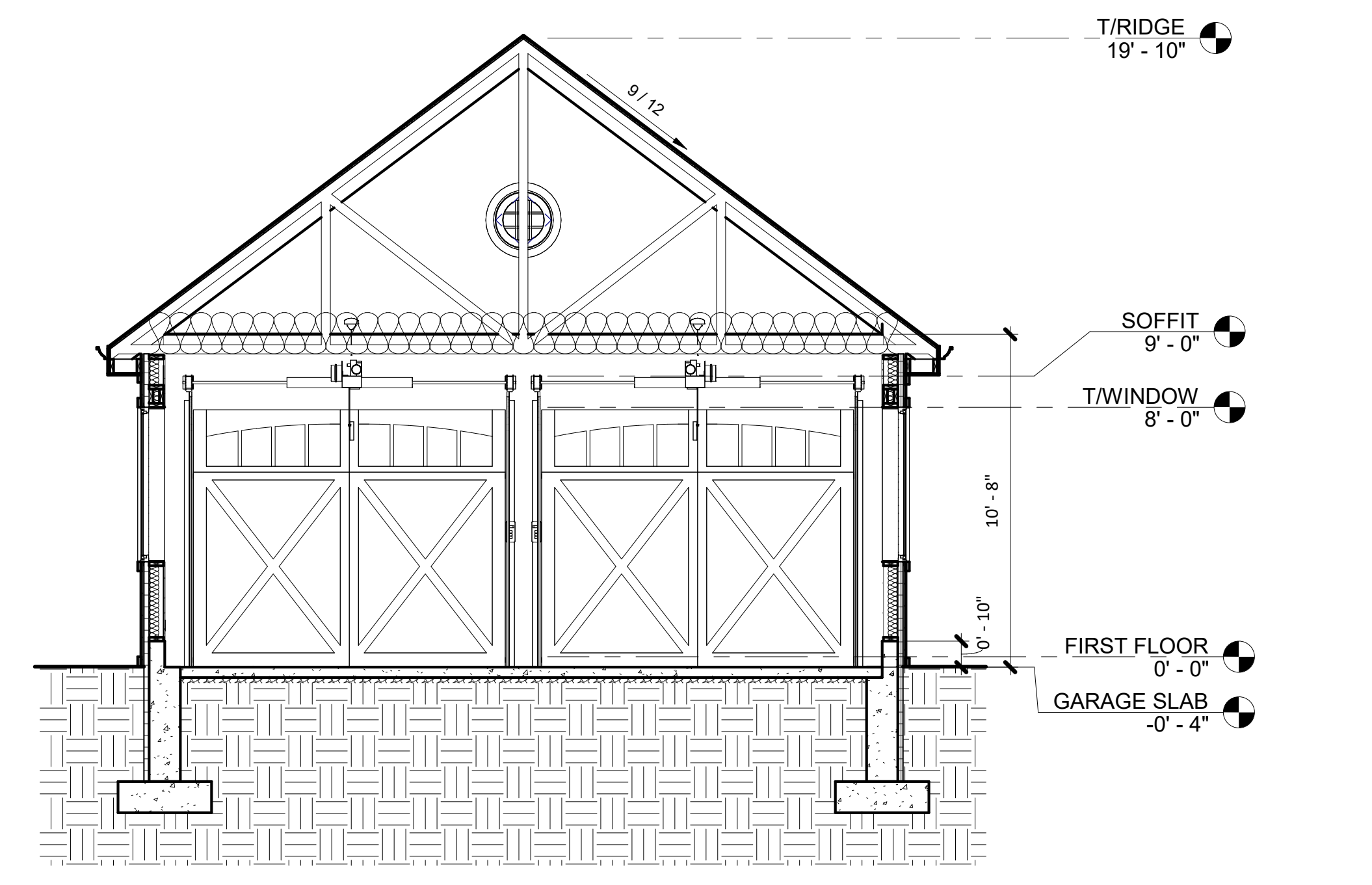


**CRAWL SPACE:** PROVIDE 12" CONCRETE FOUNDATION WALLS ON 48" MIN. DEEP FOOTINGS (TO FROST LINE). DAMP-PROOF EXTERIOR FACE OF FOUNDATION WALLS. INSTALL 10-15 MIL REINFORCED POLY VAPOR BARRIER OVER SOIL, SEAMS TAPED AND TURNED UP FOUNDATION WALLS 6"-12", MECHANICALLY FASTENED AND SEALED. INSULATE FOUNDATION WALLS ON INTERIOR FACE TO R-10 MIN. CONTINUOUS USING 2" RIGID FOAM. CONDITION THE CRAWL SPACE BY EXTENDING A SMALL HVAC SUPPLY REGISTER OR PROVIDING A DEDICATED DEHUMIDIFIER. PROVIDE INTERIOR, INSULATED, WEATHER-STRIPPED ACCESS HATCH. ALL FRAMING, MECHANICAL, AND PLUMBING LOCATED WITHIN CONDITIONED ENVELOPE. CONSTRUCT PER IRC R408.3 AND LOCAL AMENDMENTS.

**ENGINEERED FLOOR FRAMING:** PROVIDE MANUFACTURER-DESIGNED FLOOR SYSTEM FOR 24' - 0" CLEAR SPAN. DESIGN CRITERIA: 40 PSF LIVE, 10 PSF DEAD, DEFLECTION ≤ L/480 (LIVE) AT TILE AREAS, L/360 MIN. ELSEWHERE. BASIS OF DESIGN: 14" DEEP ENGINEERED I-JOISTS @ 12" O.C. DEEP OPEN-WEB FLOOR TRUSSES @ 12" O.C. SUBMIT SHOP LAYOUTS/CALCS SEALED WHERE REQUIRED. PROVIDE RIM BOARD, HANGERS, BLOCKING, STRONGBACKS, BEARING LENGTHS, AND BRIDGING PER MANUFACTURER. SUBFLOOR: 23/32" T&G GLUED & SCREWED; ADD UNDERLAYMENT AT TILE/STONE PER TCNA. COORDINATE MECHANICAL/PLUMBING OPENINGS WITH JOIST/TRUSS DESIGNER; NO FIELD NOTCHING/DRILLING BEYOND MFR LIMITS.

**CONCRETE STOOP:**  
PROVIDE INDEPENDENTLY FOUNDED CONCRETE STOOP WITH FOOTINGS EXTENDING 48" MIN. BELOW GRADE (TO FROST LINE). MAINTAIN ½"-1" SEPARATION JOINT FROM MAIN FOUNDATION WITH COMPRESSIBLE FILLER. STOOP SLAB 4" THICK, REINFORCED WITH #3 @ 12" O.C. E.W. OVER 6 MIL POLY AND 4" COMPACTED GRANULAR FILL. SLOPE TOP SURFACE ¼" PER FT. AWAY FROM HOUSE. PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION. FLASH AND SEAL DOOR THRESHOLD WITH SILL PAN AND WATERPROOF MEMBRANE. ALL CONCRETE 3,500 PSI MIN. AIR-ENTRAINED, 6% ±1%.

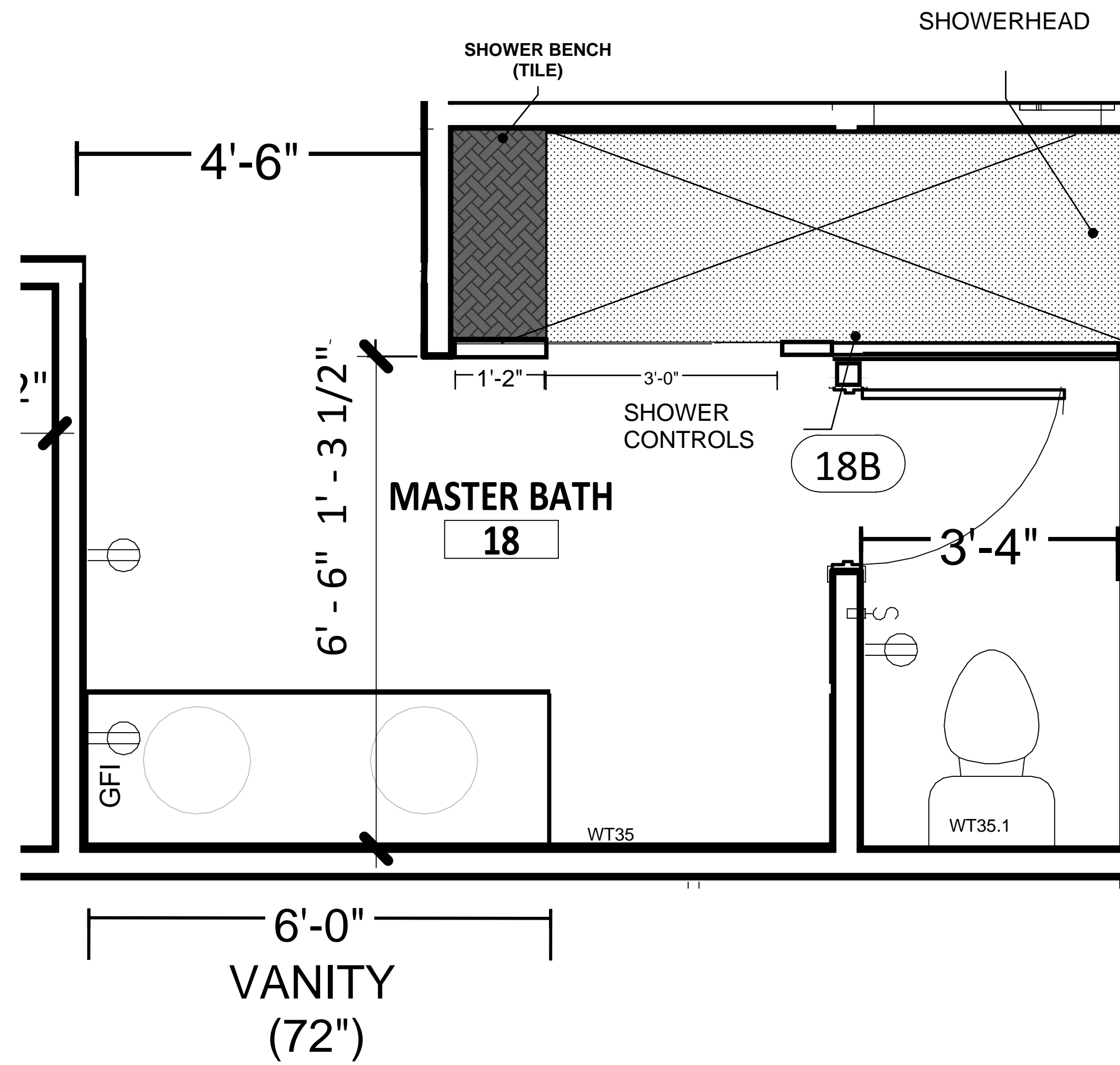
**1 BUILDING SECTION**  
SCALE: 1/4" = 1'-0"



**2 BUILDING SECTION**  
SCALE: 1/4" = 1'-0"



**3 BUILDING SECTION**  
SCALE: 1/4" = 1'-0"



**CURBLESS SHOWER**  
 3'-2" FINISH TO FINISH WIDTH  
 3'-0" GLASS DOOR  
 APPROXIMATELY 8'-6" LENGTH (VIF)

PROJECT INFORMATION

**DUMOULIN  
 RESIDENCE**

49 EATON AVE  
 MEREDITH, NH 03253

SEAL

AGENCY APPROVAL

DRAWING ISSUANCE  
 NO. DESCRIPTION DATE

SHEET INFORMATION

UPSTAIRS MASTER BATH

A-401

**UPSTAIRS MASTER BATH (18)**

Item	Description	Notes	Link	Material/Finish
FT35	FLOOR TILE		<a href="https://www.msisurfaces.com/porcelain-slabs/calacatta-corrinna/">https://www.msisurfaces.com/porcelain-slabs/calacatta-corrinna/</a>	Calacatta Corrinna Silk ID#: NSL-CALACATTACORRINNA-12MM-SIL Finish: Silk Dimensions: 63"x126"
SFT35	SHOWER FLOOR TILE		<a href="https://www.msisurfaces.com/marble/athena-gold/athena-gold-lola-polished/">https://www.msisurfaces.com/marble/athena-gold/athena-gold-lola-polished/</a>	Athena Gold Lola Polished
SWT35	SHOWER WALL TILE	All Shower Walls	<a href="https://www.msisurfaces.com/porcelain-slabs/calacatta-corrinna/">https://www.msisurfaces.com/porcelain-slabs/calacatta-corrinna/</a>	Gems Cappuccino Fluted Tile
SBEN	SHOWER BENCH	Shower Bench (top)	<a href="https://www.msisurfaces.com/marble/athena-gold/athena-gold-lola-polished/">https://www.msisurfaces.com/marble/athena-gold/athena-gold-lola-polished/</a>	Athena Gold Lola Polished
SBEN	SHOWER BENCH	Shower Bench (FRONT)	<a href="https://www.msisurfaces.com/porcelain-slabs/calacatta-corrinna/">https://www.msisurfaces.com/porcelain-slabs/calacatta-corrinna/</a>	Gems Cappuccino Fluted Tile
WT35	WALL TILE	VANITY WALL - FULL HEIGHT	<a href="https://www.msisurfaces.com/marble/athena-gold/athena-gold-lola-polished/">https://www.msisurfaces.com/marble/athena-gold/athena-gold-lola-polished/</a>	Athena Gold Lola Polished
WT35.1	WALL TILE	WALL BEHIND TOILET	<a href="https://www.msisurfaces.com/ceramic-urbanslat/oak-16x48/">https://www.msisurfaces.com/ceramic-urbanslat/oak-16x48/</a>	Urbanslat Flute Oak Wall Tile
WP35.1	WALL PAINT	Sherwin Williams <i>Alabaster</i> Satin Sheen		
CP35.1	CEILING PAINT	Sherwin Williams <i>Alabaster</i> Flat		
V35	VANITY		<a href="https://www.highburyfurnishings.com/products/havana-72-reeded-double-sink-bathroom-vanity-carrara-marble-countertop?_pos=3&amp;_sid=ccd2334a6&amp;_ss=r">https://www.highburyfurnishings.com/products/havana-72-reeded-double-sink-bathroom-vanity-carrara-marble-countertop?_pos=3&amp;_sid=ccd2334a6&amp;_ss=r</a>	Havana 72" Double Bathroom Vanity in Reeded Birch   Carrara Marble Countertop
VC35	VANITY COUNTERTOP			Carrara Marble Countertop Included with Vanity
LIGHT	VANITY LIGHTING	Three Count	<a href="https://radilum.com/products/catina-wall-lamp?_pos=1&amp;_sid=e66b07503&amp;_ss=r">https://radilum.com/products/catina-wall-lamp?_pos=1&amp;_sid=e66b07503&amp;_ss=r</a>	Radilum Catina Wall Lamp
MIRRORS	VANITY MIRROR	Two Count	<a href="https://moonmirror.co/products/antique-arch-scalloped-mirror-stainless-steel-framed-arched-wall-mirror-fa?variant=48001485504766">https://moonmirror.co/products/antique-arch-scalloped-mirror-stainless-steel-framed-arched-wall-mirror-fa?variant=48001485504766</a>	Contemporary Arch Top Curved Arched Bathroom Vanity Mirror - Brushed Gold, 24x38"

**Revised**

03/25/2026 9:00:54 AM

**DUMOULIN  
 RESIDENCE**

49 EATON AVE  
 MEREDITH, NH 03253

SEAL

AGENCY APPROVAL

DRAWING ISSUANCE  
 NO. DESCRIPTION DATE

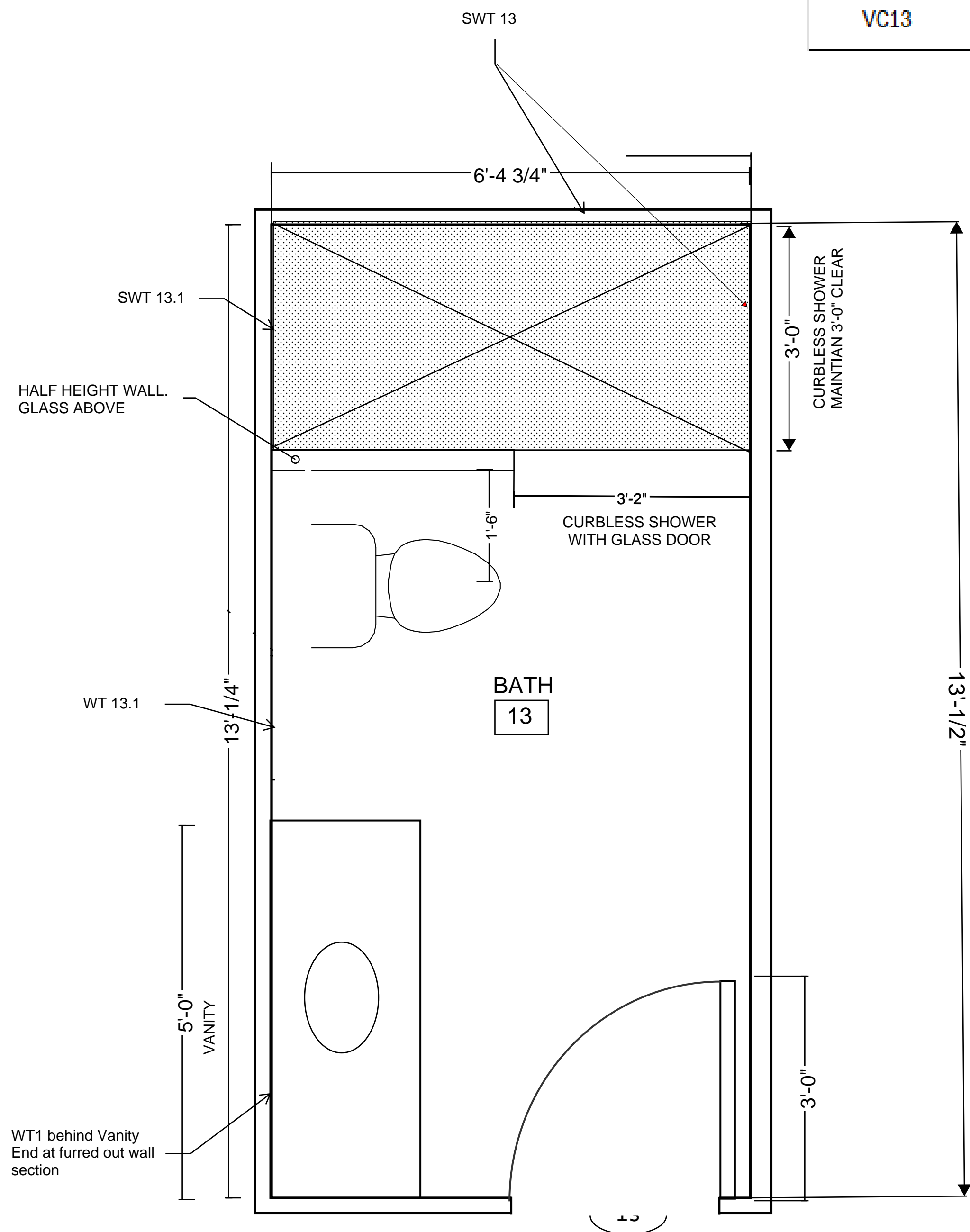
SHEET INFORMATION

UPSTAIRS GUEST BATH

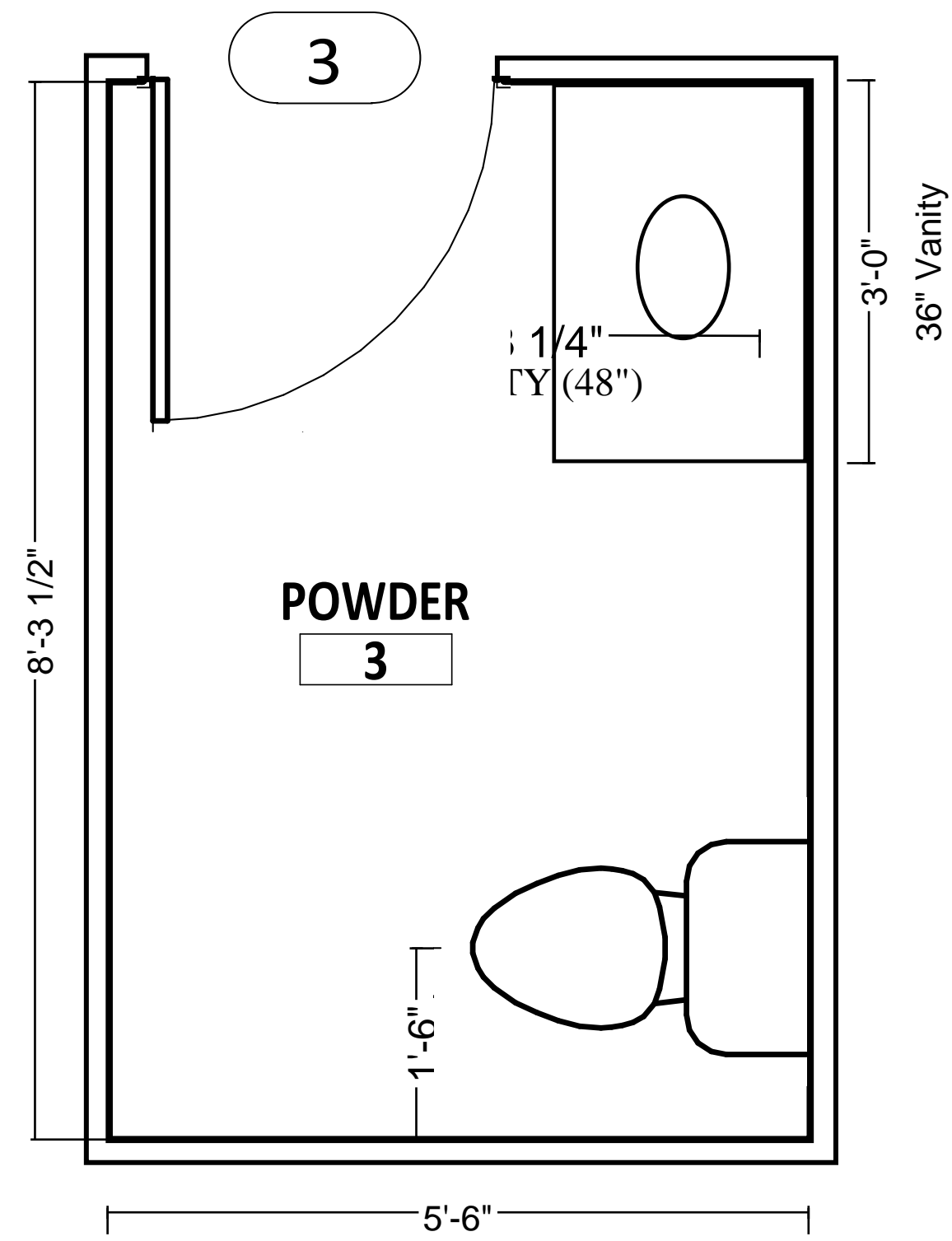
A-402

**UPSTAIRS GUEST BATH (13)**

FT13	FLOOR TILE			<a href="https://www.msisurfaces.com/porcelain-brighton/gold/">https://www.msisurfaces.com/porcelain-brighton/gold/</a>	Brighton Gold 12X24
SFT13	SHOWER FLOOR TILE			<a href="https://www.msisurfaces.com/porcelain-brighton/gold/">https://www.msisurfaces.com/porcelain-brighton/gold/</a>	Brighton Gold 4"X4"
SWT13	SHOWER WALL TILE			<a href="https://www.msisurfaces.com/porcelain-brighton/gold/">https://www.msisurfaces.com/porcelain-brighton/gold/</a>	Brighton Gold 12X24
SWT13.1	SHOWER WALL TILE			<a href="https://www.msisurfaces.com/porcelain-gems/cappuccino/">https://www.msisurfaces.com/porcelain-gems/cappuccino/</a>	Gems Cappuccino Fluted Tile
WT13.1	WALL TILE	Vanity Wall		<a href="https://www.msisurfaces.com/porcelain-gems/cappuccino/">https://www.msisurfaces.com/porcelain-gems/cappuccino/</a>	Gems Cappuccino Fluted Tile
WP13.1	WALL PAINT	Sherwin Williams <i>Alabaster</i> Satin Sheen			
CP13.1	CEILING PAINT	Sherwin Williams <i>Alabaster</i> Flat			
V13	VANITY			<a href="https://www.wayfair.com/home-improvement/pdp/highbury-furnishings-alsup-54-single-bath-vanity-gcne1160.html">https://www.wayfair.com/home-improvement/pdp/highbury-furnishings-alsup-54-single-bath-vanity-gcne1160.html</a>	Highbury Furnishings Alsup 54" Vanity (Light Weathered Oak)
VC13	VANITY COUNTERTOP			Comes Included with Vanity	



**Revised**  
 03/25/2026 9:00:59 AM



PROJECT INFORMATION

**DUMOULIN  
 RESIDENCE**

49 EATON AVE  
 MEREDITH, NH 03253

**UPSTAIRS POWDER (3)**

FT3	FLOOR TILE	Wayne Parc Reserve™ Elwood® Luxury Vinyl Planks	<a href="https://www.msisurfaces.com/luxury-vinyl-planks/wayne-parc-reserve/elwood/">https://www.msisurfaces.com/luxury-vinyl-planks/wayne-parc-reserve/elwood/</a>	Same as house
WT3.1	WALL TILE	Vanity/toilet Wall	<a href="https://www.msisurfaces.com/ceramic-terrazzo/terrazzo-ribatta-16x48-matte/">https://www.msisurfaces.com/ceramic-terrazzo/terrazzo-ribatta-16x48-matte/</a>	Terrazzo Ribatta Ceramic Tile
WP3.1	WALL PAINT	Sherwin-Williams Accessible BeigeEggshell		
CP3.1	CEILING PAINT	Sherwin-Williams Accessible BeigeFlat		
V3	VANITY		<a href="https://www.highburyfurnishings.com/products/chantilly-36-single-sink-bathroom-vanity-statualrio-quartz-countertop">https://www.highburyfurnishings.com/products/chantilly-36-single-sink-bathroom-vanity-statualrio-quartz-countertop</a>	
VC3	VANITY COUNTERTOP		Statualrio Quartz Countertop Included	
LIGHT	VANITY LIGHTING	TWO COUNT	<a href="https://www.homedepot.com/p/KLOOOR-22-8-in-2-Light-Knurled-Brass-Gold-Wall-Sconces-with-Glass-Vanity-Light-for-Living-Room-Bathroom-Bedroom-Set-of-2-WL019GT002/340457795?fp=oai&amp;utm_source=chatgpt.com">https://www.homedepot.com/p/KLOOOR-22-8-in-2-Light-Knurled-Brass-Gold-Wall-Sconces-with-Glass-Vanity-Light-for-Living-Room-Bathroom-Bedroom-Set-of-2-WL019GT002/340457795?fp=oai&amp;utm_source=chatgpt.com</a>	tandem alabaster wall lamp
MIRRORS	VANITY MIRROR	ONE COUNT	<a href="https://www.ethnikliving.com/products/brassy-gold-organik-mirror?variant=41129683976363&amp;country=US&amp;currency=USD&amp;utm_medium=product_sync&amp;utm_source=google&amp;utm_content=sag_organic&amp;utm_campaign=sag_organic&amp;nbt=nb%3Aadwords%3A%3A21459354601%3A165016980152%3A705294785172&amp;nb_adtype=pla&amp;nb_kwd=&amp;nb_ti=pla-304380611658&amp;nb_mi=571914391&amp;nb_pc=online&amp;nb_pi=shopify_US_6948588388523_41129683976363&amp;nb_ppi=304380611658&amp;nb_placement=&amp;nb_li_ms=&amp;nb_lp_ms=&amp;nb_fii=&amp;nb_ap=&amp;nb_mt=&amp;tw_source=google&amp;tw_adid=705294785172&amp;tw_campaign=21459354601&amp;gad_source=1&amp;gad_campaignid=21459354601&amp;gbraid=0AAAAAottA6QII6r1Do1I21eu458fvCF9Q&amp;gclid=Cj0KCQjwm6POBhCrARIsAIG58CKEGL4-s7kK-F7vkCpXm-dQHA9ptRzP1d_x3LhQ-ryYvU-RURB8g-8aAkf0EALw_wcB">https://www.ethnikliving.com/products/brassy-gold-organik-mirror?variant=41129683976363&amp;country=US&amp;currency=USD&amp;utm_medium=product_sync&amp;utm_source=google&amp;utm_content=sag_organic&amp;utm_campaign=sag_organic&amp;nbt=nb%3Aadwords%3A%3A21459354601%3A165016980152%3A705294785172&amp;nb_adtype=pla&amp;nb_kwd=&amp;nb_ti=pla-304380611658&amp;nb_mi=571914391&amp;nb_pc=online&amp;nb_pi=shopify_US_6948588388523_41129683976363&amp;nb_ppi=304380611658&amp;nb_placement=&amp;nb_li_ms=&amp;nb_lp_ms=&amp;nb_fii=&amp;nb_ap=&amp;nb_mt=&amp;tw_source=google&amp;tw_adid=705294785172&amp;tw_campaign=21459354601&amp;gad_source=1&amp;gad_campaignid=21459354601&amp;gbraid=0AAAAAottA6QII6r1Do1I21eu458fvCF9Q&amp;gclid=Cj0KCQjwm6POBhCrARIsAIG58CKEGL4-s7kK-F7vkCpXm-dQHA9ptRzP1d_x3LhQ-ryYvU-RURB8g-8aAkf0EALw_wcB</a>	Brassy Gold Organik Mirror

SEAL

AGENCY APPROVAL

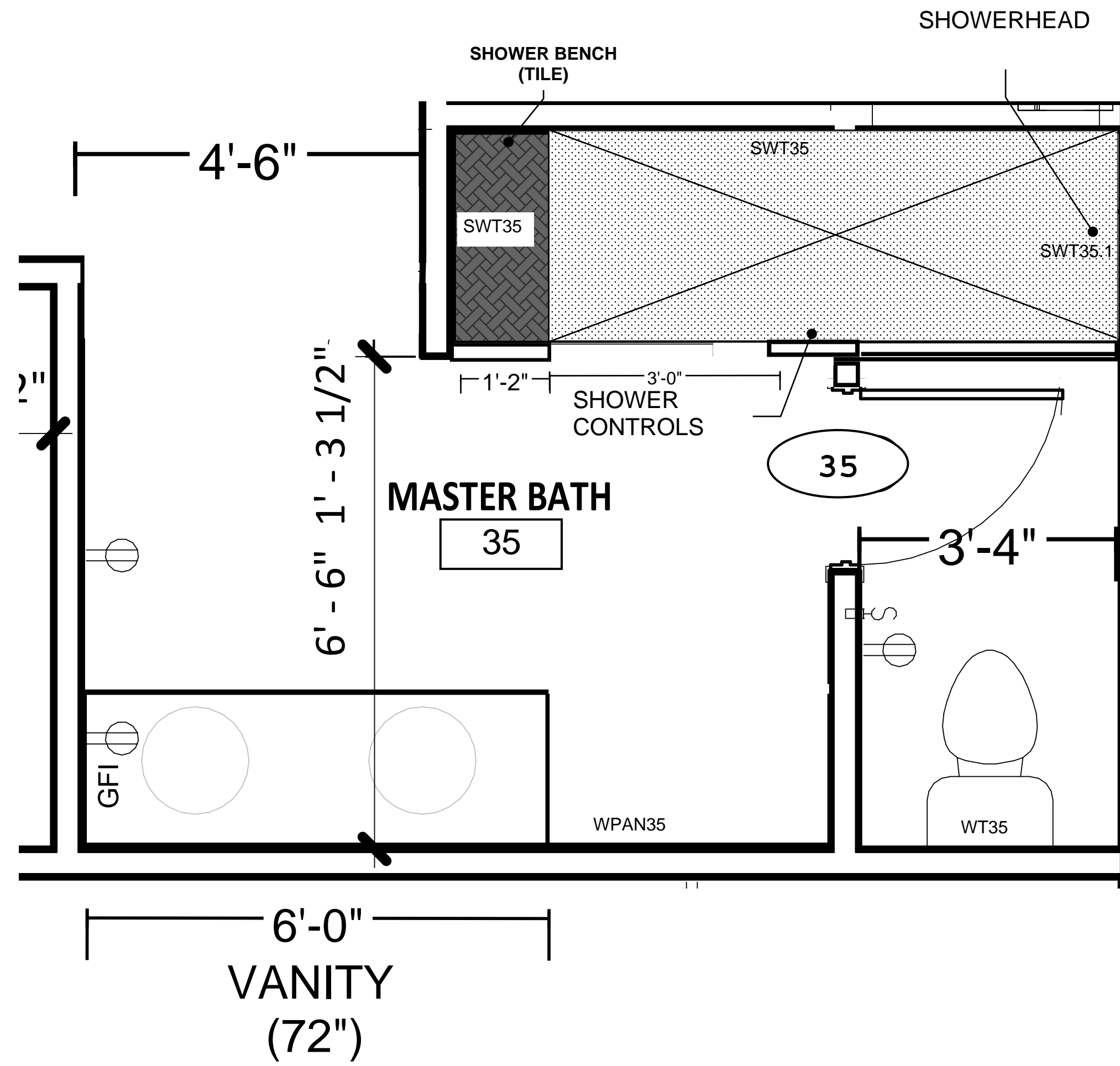
DRAWING ISSUANCE  
 NO. DESCRIPTION DATE

SHEET INFORMATION

UPSTAIRS POWDER BATH

A-403

**Revised**  
 03/25/2026 9:01:05 AM



**CURBLESS SHOWER**  
 3'-2" FINISH TO FINISH WIDTH  
 3'-0" GLASS DOOR  
 APPROXIMATELY 8'-6" LENGTH (VIF)

PROJECT INFORMATION

**DUMOULIN  
 RESIDENCE**

49 EATON AVE  
 MEREDITH, NH 03253

SEAL

AGENCY APPROVAL

DRAWING ISSUANCE  
 NO. DESCRIPTION DATE

SHEET INFORMATION

DOWNSTAIRS MASTER BATH

A-404

DOWNSTAIRS MASTER BATH (35)				
FT35	FLOOR TILE		<a href="https://www.msisurfaces.com/porcelain-camouflage/camouflage-24x48-matte-7mm/">https://www.msisurfaces.com/porcelain-camouflage/camouflage-24x48-matte-7mm/</a>	Camouflage 24X48 Matte
SFT35	SHOWER FLOOR TILE		<a href="https://www.msisurfaces.com/natural-stone-mosaics/calacatta-2x2-hexagon/">https://www.msisurfaces.com/natural-stone-mosaics/calacatta-2x2-hexagon/</a>	2" Hexagon Mosaic Tile
SWT35	SHOWER WALL TILE		<a href="https://www.msisurfaces.com/porcelain-camouflage/camouflage-24x48-matte-7mm/">https://www.msisurfaces.com/porcelain-camouflage/camouflage-24x48-matte-7mm/</a>	Camouflage 24X48 Matte
SWT35.1	SHOWER WALL TILE		<a href="https://www.msisurfaces.com/porcelain-gems/chocolate/">https://www.msisurfaces.com/porcelain-gems/chocolate/</a>	Gems CHOCOLATE Fluted Tile
WT35	WALL TILE		<a href="https://www.msisurfaces.com/porcelain-gems/chocolate/">https://www.msisurfaces.com/porcelain-gems/chocolate/</a>	Gems CHOCOLATE Fluted Tile
WPAN35	WALL PANLEING		<a href="#">TOUNGE AND GROOVE VERTICAL P AINTED TO MATACH WALLS</a>	FULL HEIGHT AT VANITY WALL
WP35.1	WALL PAINT	Sherwin Williams <i>Alabaster</i> Satin Sheen		
CP35.1	CEILING PAINT	Sherwin Williams <i>Alabaster</i> Flat		
V35	VANITY		<a href="https://www.highburyfurnishings.com/products/havana-72-inch-width-double-bathroom-vanity-in-brown-reeded-birch?pos=4&amp;psq=HAVANA+72&amp;ss=e&amp;v=1.0">https://www.highburyfurnishings.com/products/havana-72-inch-width-double-bathroom-vanity-in-brown-reeded-birch?pos=4&amp;psq=HAVANA+72&amp;ss=e&amp;v=1.0</a>	Havana 72" Double Bathroom Vanity in Brown Reeded Birch   Carrara Marble Countertop
VC35	VANITY COUNTERTOP		Carrara Marble included with Vanity	
LIGHT	VANITY LIGHTING	THREE COUNT	<a href="https://radilum.com/search?q=tandem+alabaster+wall+lamp&amp;pos=1&amp;psq=TANDEM&amp;ss=e&amp;v=1.0">https://radilum.com/search?q=tandem+alabaster+wall+lamp&amp;pos=1&amp;psq=TANDEM&amp;ss=e&amp;v=1.0</a>	tandem alabaster wall lamp
MIORRORS	VANITY MIRROR	TWO COUNT	<a href="https://www.wayfair.com/home/pdp/ebern-designs-modern-oblong-oval-bathroom-vanity-mirror-stainless-steel-frame-w112146044.html?piid=1989191393%2C1989191403&amp;auctionId=f699b1c3-f20f-4c58-be2d-74307d57904a&amp;trackingId=%7B%22adType%22%3A%22WSP%22%2C%22auctionId%22%3A%22f699b1c3-f20f-4c58-be2d-74307d57904a%22%7D&amp;adType=1">https://www.wayfair.com/home/pdp/ebern-designs-modern-oblong-oval-bathroom-vanity-mirror-stainless-steel-frame-w112146044.html?piid=1989191393%2C1989191403&amp;auctionId=f699b1c3-f20f-4c58-be2d-74307d57904a&amp;trackingId=%7B%22adType%22%3A%22WSP%22%2C%22auctionId%22%3A%22f699b1c3-f20f-4c58-be2d-74307d57904a%22%7D&amp;adType=1</a>	Modern Oblong Oval Bathroom Vanity Mirror   Stainless Steel Frame

**Revised**  
 03/25/2026 9:01:10 AM

**DUMOULIN  
 RESIDENCE**

49 EATON AVE  
 MEREDITH, NH 03253

SEAL

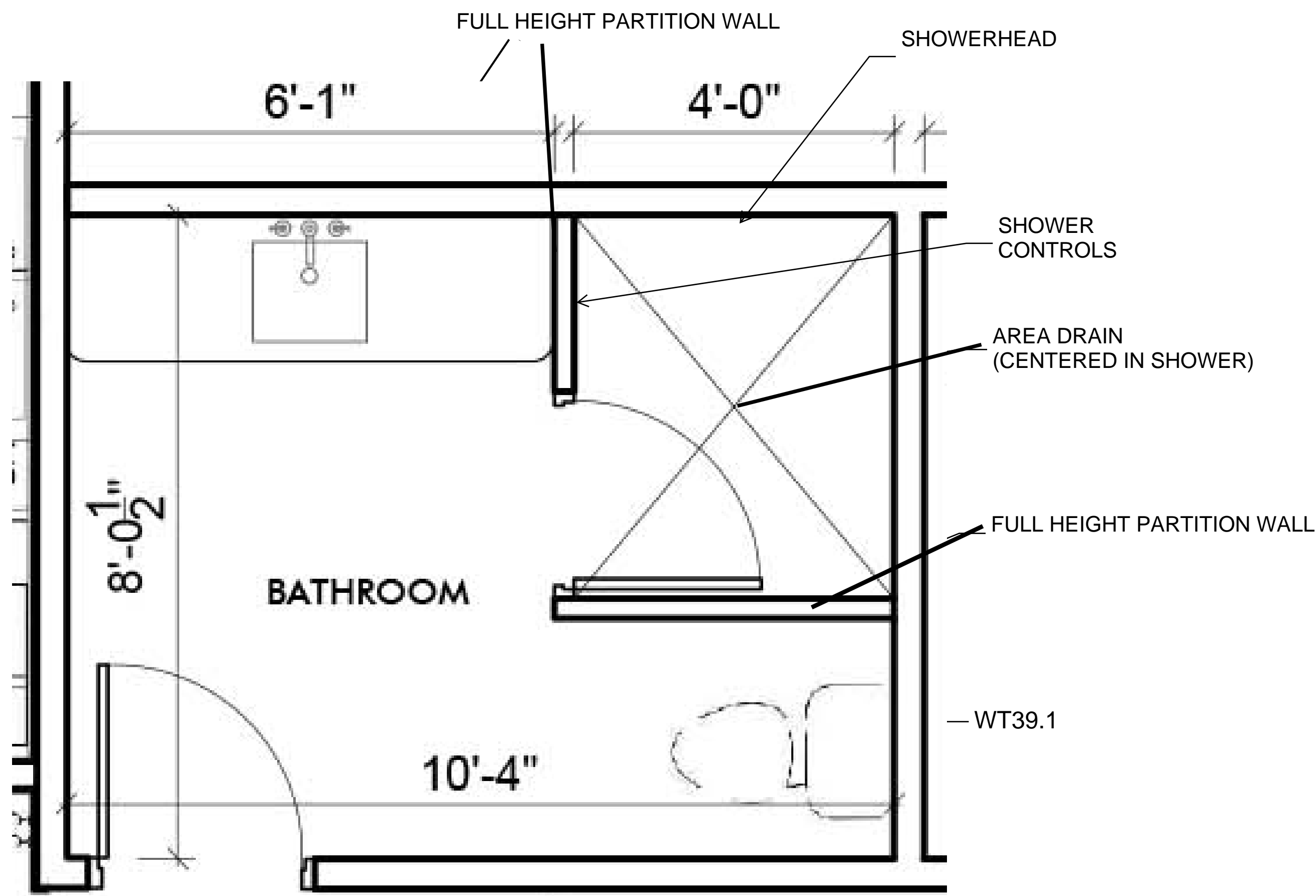
AGENCY APPROVAL

DRAWING ISSUANCE  
 NO. DESCRIPTION DATE

SHEET INFORMATION

DOWNSTAIRS GUEST BATH

A-405



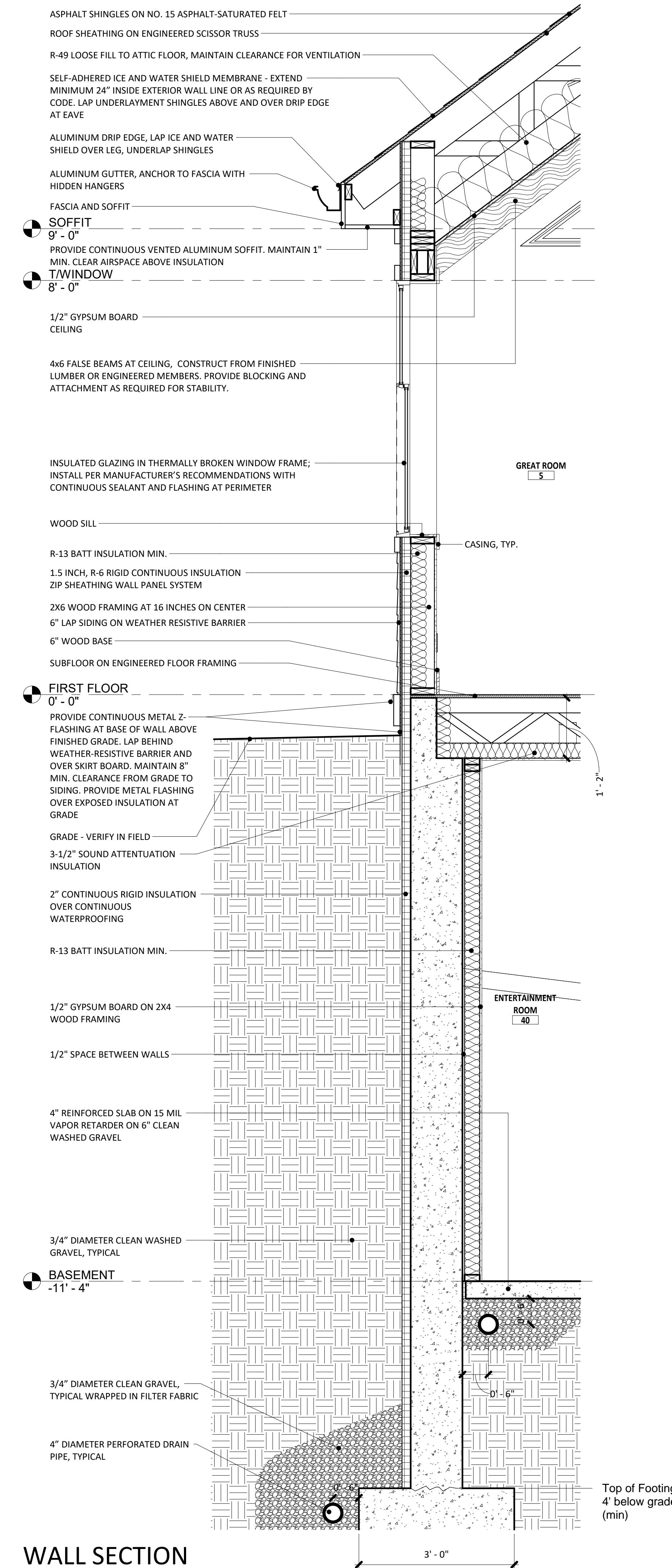
**DOWNSTAIRS GUEST BATH (39)**

FT39	FLOOR TILE			<a href="https://www.msisurfaces.com/glass-mosaics/wellington-pattern-polished/">https://www.msisurfaces.com/glass-mosaics/wellington-pattern-polished/</a>	Wellington Pattern Polished ID#: SMOT-WELLIN-POL8MM Finish: Polished
SFT39	SHOWER FLOOR TILE			<a href="https://www.msisurfaces.com/glass-mosaics/wellington-pattern-polished/">https://www.msisurfaces.com/glass-mosaics/wellington-pattern-polished/</a>	Wellington Pattern Polished ID#: SMOT-WELLIN-POL8MM Finish: Polished
SWT39	SHOWER WALL TILE			<a href="https://www.msisurfaces.com/porcelain-brighton/gold/">https://www.msisurfaces.com/porcelain-brighton/gold/</a>	Brighton Gold 12X24
WT39	WALL TILE	Vanity and Toilet Wall		<a href="https://www.msisurfaces.com/porcelain-hiphop/abedul/">https://www.msisurfaces.com/porcelain-hiphop/abedul/</a>	Sinfonia Hip Hop Abedul Fluted Tile
WP39.1	WALL PAINT	Sherwin Williams <i>Alabaster</i> Satin Sheen			
CP39.1	CEILING PAINT	Sherwin Williams <i>Alabaster</i> Flat			
V39	VANITY			<a href="https://www.highburyfurnishings.com/products/kathryne-42-single-bathroom-vanity-with-statuario-quartz-countertop-copy_">https://www.highburyfurnishings.com/products/kathryne-42-single-bathroom-vanity-with-statuario-quartz-countertop-copy_</a>	Kathryne 42" Single Bathroom Vanity in Enhanced Brown Oak   Statuario Quartz Countertop
VC39	VANITY COUNTERTOP			Statuario Quartz Countertop Included with Vanity	
LIGHT	VANITY LIGHTING	Two Count		<a href="https://www.josenart.com/product/alabaster-tubular-wall-light/?attribute_size=Small&amp;srsId=AfmBOoqVgwpFHGdX6PY8k4yUqHp0PSNsSXdtLmf9QXQwM-5Cgs9i49XNqVo">https://www.josenart.com/product/alabaster-tubular-wall-light/?attribute_size=Small&amp;srsId=AfmBOoqVgwpFHGdX6PY8k4yUqHp0PSNsSXdtLmf9QXQwM-5Cgs9i49XNqVo</a>	Alabaster Tubular Wall Light - Slim Vertical Sconce with Ambient Glow
MIORRORS	VANITY MIRROR	One Count		<a href="https://moonmirror.co/products/antique-arch-scalloped-mirror-stainless-steel-framed-arched-wall-mirror-fa?variant=48001485504766">https://moonmirror.co/products/antique-arch-scalloped-mirror-stainless-steel-framed-arched-wall-mirror-fa?variant=48001485504766</a>	Contemporary Arch Top Curved Arched Bathroom Vanity Mirror - Brushed Gold, 30x40"

**Revised**  
 05/06/2026 8:30:52 PM

# FORTHCOMING ENGINEERING VENTURES TO PROVIDE

FOUNDATION WALL DETAIL - APPLICABLE FOR WALL GREATER THAN OR EQUAL TO 10' TALL



**1** WALL SECTION  
SCALE: 3/4" = 1'-0"

## DUMOULIN RESIDENCE

49 EATON AVE  
MEREDITH, NH 03253

DRAWING ISSUANCE		DATE
NO.	DESCRIPTION	
	Revised	03/25/2026 9:01:22 AM

**DUMOULIN  
RESIDENCE**

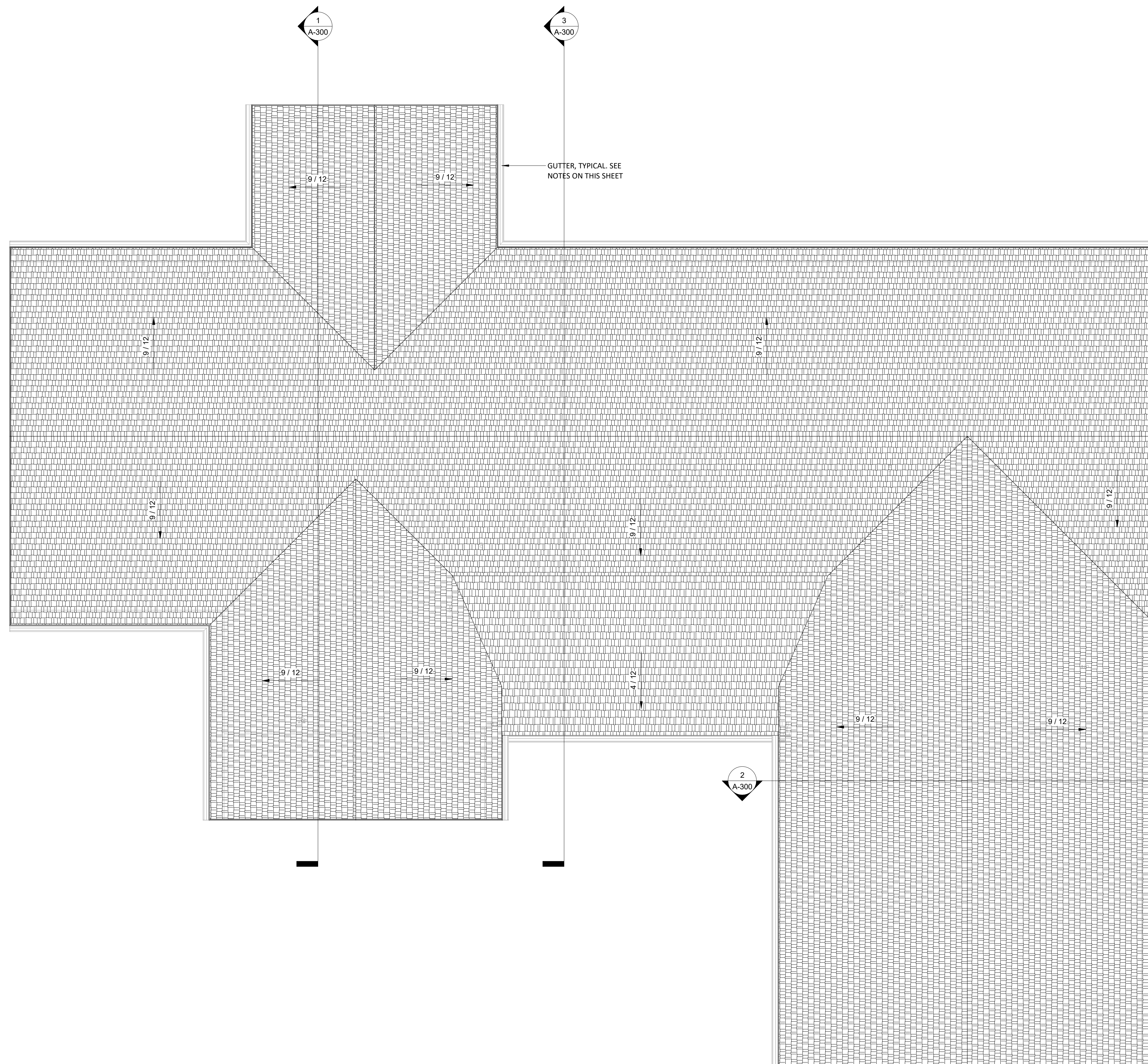
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**ROOF GENERAL NOTES:**

- ALL WORK SHALL COMPLY WITH THE 2021 INTERNATIONAL RESIDENTIAL CODE (IRC), THE NEW HAMPSHIRE STATE BUILDING CODE, LOCAL AMENDMENTS, AND ALL MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, SLOPES, DETAILS, AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING.
- THE ARCHITECT IS NOT PROVIDING CONSTRUCTION ADMINISTRATION SERVICES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD MEASUREMENTS, COORDINATION, AND COMPLIANCE WITH ALL APPLICABLE CODES AND MANUFACTURER REQUIREMENTS.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS, INSPECTIONS, AND APPROVALS PRIOR TO START OF WORK.
- ROOF TYPE: ARCHITECTURAL ASPHALT SHINGLES OVER SOLID SHEATHING. CLASS "A" FIRE RATING PER ASTM E108.
- WIND RATING: MINIMUM ASTM D7158 CLASS H (150 MPH) OR ASTM D3161 CLASS F.
- UNDERLAYMENT: MINIMUM NO. 15 ASPHALT-SATURATED FELT OR APPROVED SYNTHETIC EQUIVALENT INSTALLED PER CODE.
- ICE & WATER SHIELD: SELF-ADHERED MEMBRANE AT ALL EAVES, VALLEYS, DORMER SIDES, CHIMNEYS, AND ROOF PENETRATIONS. EXTEND A MINIMUM OF 24" INSIDE EXTERIOR WALL LINE.
- MINIMUM ROOF SLOPE FOR SHINGLES IS 2:12. FOR SLOPES BETWEEN 2:12 AND 4:12, PROVIDE DOUBLE UNDERLAYMENT LAPPED 19".
- ALL SHEATHING SHALL BE DRY, SOUND, AND NAILED PER IRC NAILING SCHEDULE PRIOR TO INSTALLATION OF ANY ROOFING MATERIAL.
- ALL ROOFING MATERIALS, FASTENERS, AND FLASHINGS SHALL BE CORROSION-RESISTANT AND INSTALLED PER MANUFACTURER SPECIFICATIONS.
- FLASHING SHALL BE INSTALLED AT ALL PENETRATIONS, WALL INTERSECTIONS, CHIMNEYS, SKYLIGHTS, AND ROOF EDGES. METAL FLASHING SHALL BE MIN. 26-GAUGE GALVANIZED OR APPROVED EQUAL.
- DRIP EDGE SHALL BE INSTALLED AT EAVES AND GABLES UNDERLAPPED BY UNDERLAYMENT AT EAVES AND OVERLAPPED AT GABLES.
- PROVIDE CONTINUOUS RIDGE AND SOFFIT VENTILATION. NET FREE VENT AREA SHALL COMPLY WITH IRC SECTION R806 (MIN. 1/150 OF ATTIC FLOOR AREA OR 1/300 IF VAPOR RETARDER IS INSTALLED).
- CONTRACTOR SHALL PROVIDE ALL SEALANTS, FLASHINGS, AND ACCESSORIES NECESSARY TO ACHIEVE A WATERTIGHT SYSTEM.
- ALL PENETRATIONS (PLUMBING VENTS, EXHAUSTS, ELECTRICAL, ETC.) SHALL BE COORDINATED WITH ALL TRADES AND FULLY SEALED PER CODE.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE ON ALL ROOF SURFACES. PONDING WATER SHALL NOT BE PERMITTED.
- ROOF ACCESSORIES, VENT CAPS, PLUMBING JACKS, PIPE FLASHINGS, RIDGE CAPS, AND SEALANTS SHALL BE INSTALLED TO MATCH SHINGLE COLOR UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL PROTECT ALL ADJACENT SURFACES, LANDSCAPING, GUTTERS, AND PROPERTY DURING ROOF WORK. REPAIR ANY DAMAGE AT NO COST TO OWNER.
- CONTRACTOR SHALL VERIFY LOAD CAPACITY OF EXISTING FRAMING BEFORE ADDING ANY NEW LOADS OR EQUIPMENT. ANY STRUCTURAL DEFICIENCIES SHALL BE REPORTED IMMEDIATELY.
- ALL WORK SHALL BE PERFORMED BY LICENSED, INSURED CONTRACTORS EXPERIENCED IN RESIDENTIAL ROOFING INSTALLATION.
- INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS FOR "HIGH SNOW LOAD" AND "COLD CLIMATE" APPLICATIONS.
- CONTRACTOR SHALL CLEAN ROOF AND SITE OF ALL DEBRIS DAILY. NO NAILS OR FASTENERS SHALL BE LEFT ON SITE.
- FINAL INSPECTION AND APPROVAL BY THE TOWN OF MEREDITH BUILDING DEPARTMENT IS REQUIRED PRIOR TO FINAL PAYMENT.
- ANY WORK PERFORMED CONTRARY TO CODE OR MANUFACTURER INSTRUCTIONS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL ENSURE THAT ALL PENETRATIONS ARE WEATHER-TIGHT AND WARRANTED. ARCHITECT ASSUMES NO RESPONSIBILITY FOR FIELD CONDITIONS OR CONTRACTOR WORKMANSHIP.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OR PRODUCT CUT SHEETS FOR ALL ROOF COMPONENTS IF REQUESTED BY OWNER OR BUILDING OFFICIAL.

**GUTTERS AND DOWNSPOUTS**

- GUTTERS AND DOWNSPOUTS SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR TO MEET THE REQUIREMENTS OF IRC SECTION R903.4 ("ROOF DRAINAGE") AND ALL APPLICABLE LOCAL CODE AMENDMENTS.
- CONTRACTOR SHALL SIZE GUTTERS AND DOWNSPOUTS IN ACCORDANCE WITH ROOF AREA, SLOPE, AND RAINFALL INTENSITY PER 2021 IRC TABLE R903.4.1 OR AS REQUIRED BY MANUFACTURER'S DESIGN TABLES.
- GUTTER AND DOWNSPOUT SYSTEMS SHALL BE INSTALLED TO ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING FOUNDATIONS AND SHALL NOT DISCHARGE ONTO ADJACENT ROOFS OR WALKWAYS.
- CONTRACTOR SHALL VERIFY AND COORDINATE ALL DOWNSPOUT LOCATIONS WITH FIELD CONDITIONS, WINDOWS, DOORS, AND EXTERIOR ELEMENTS PRIOR TO INSTALLATION.
- DOWNSPOUT DISCHARGE LOCATIONS SHALL COMPLY WITH SITE DRAINAGE REQUIREMENTS AND SHALL DIRECT WATER A MINIMUM OF 5'-0" AWAY FROM FOUNDATIONS OR INTO APPROVED DRAINAGE SYSTEMS.
- GUTTERS AND DOWNSPOUTS SHALL BE OF ALUMINUM OR GALVANIZED STEEL CONSTRUCTION, MINIMUM 0.027" THICKNESS, COLOR TO MATCH TRIM OR AS SELECTED BY OWNER.
- CONTRACTOR SHALL PROVIDE ALL REQUIRED STRAPS, HANGERS, ELBOWS, AND SPLASH BLOCKS.
- GUTTERS SHALL BE SLOPED TO DOWNSPOUTS AT A MINIMUM RATE OF 1/16" PER FOOT OR AS REQUIRED TO DRAIN FREELY.
- CONTRACTOR SHALL ENSURE THAT GUTTERS AND DOWNSPOUTS ARE INSTALLED IN A MANNER THAT PREVENTS OVERFLOW, BACKUP, OR DAMAGE TO ROOF EDGES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERFORMANCE, DRAINAGE, AND MAINTENANCE OF THE GUTTER SYSTEM. ARCHITECT DOES NOT DESIGN OR WARRANT GUTTER OR DRAINAGE SYSTEM CAPACITY.



**1 ROOF PLAN**

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

**ELEVATION NOTES:**

1. EXTERIOR WALL FINISHES TO BE A COMBINATION OF HORIZONTAL LAP SIDING AND BOARD-AND-BATTEN PANELS PER ELEVATIONS. ALIGN BOARD-AND-BATTEN JOINTS WITH WINDOW AND DOOR CENTERLINES WHERE PRACTICAL (TYP.).
2. LAP SIDING TO BE FIBER-CEMENT OR ENGINEERED WOOD WITH MIN. 1" OVERLAP AND 6" EXPOSURE. BOARD-AND-BATTEN TO BE 1x10 BOARD WITH 1x2 BATTENS, UNLESS OTHERWISE NOTED (TYP.).
3. INSTALL CONTINUOUS WATER-RESISTIVE BARRIER BEHIND ALL EXTERIOR CLADDING. PROVIDE METAL Z-FLASHING AT ALL HORIZONTAL TRANSITIONS, MATERIAL CHANGES, AND ABOVE TRIM, LEDGERS, WINDOWS, AND DOORS (TYP.).
4. ALL EXTERIOR FLASHING TO BE PREFINISHED METAL WITH DRIP EDGE. FLASH WINDOW AND DOOR HEADS, HORIZONTAL TRIM, AND ROOF-TO-WALL INTERSECTIONS PER MANUFACTURER'S REQUIREMENTS (TYP.).
5. ALL WINDOWS, DOORS, OUTSIDE CORNERS OF WALLS, AND EAVE TERMINATIONS SHALL RECEIVE 1x4 TRIM BOARD, TYPICAL, WITH MITERED OR BUTT JOINTS AS APPROPRIATE. SEAL ALL JOINTS AND FASTEN PER MANUFACTURER RECOMMENDATIONS (TYP.).
6. PROVIDE METAL FLASHING ABOVE ALL HORIZONTAL TRIM AND AT HEADS OF WINDOWS AND DOORS (TYP.). ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING FACE.
7. GENERAL CONTRACTOR SHALL DETERMINE FOUNDATION STEPS IN THE FIELD TO SUIT FINAL GRADE CONDITIONS. ALL FOUNDATION STEPS SHALL BE A MINIMUM OF 2'-0" WIDE WITH CONTINUOUS FOOTING BELOW FROST LINE (TYP.).
8. PROVIDE CONTINUOUS SKIRT BOARD (CEMENTITIOUS OR METAL) WITH Z-FLASHING WHERE SIDING TERMINATES NEAR GRADE (TYP.).
9. MAINTAIN 8" MINIMUM CLEARANCE BETWEEN FINISHED GRADE AND BOTTOM EDGE OF WOOD OR COMPOSITE SIDING (TYP.).
10. GRADE TO SLOPE AWAY FROM FOUNDATION A MINIMUM OF 6" WITHIN THE FIRST 10'-0" (TYP.).
11. PROVIDE DAMP-PROOFING ON EXPOSED FOUNDATION WALL FROM GRADE TO TOP OF FOOTING (TYP.).
12. PROVIDE CONTINUOUS SEALANT TRANSITION BETWEEN SKIRT BOARD OR FLASHING AND CONCRETE FOUNDATION (TYP.).
13. GUTTERS AND DOWNSPOUTS TO BE PREFINISHED ALUMINUM OR GALVANIZED STEEL, COLOR TO MATCH TRIM; DISCHARGE AWAY FROM FOUNDATION MIN. 5'-0" (TYP.).
14. FIELD VERIFY ALL EXTERIOR DIMENSIONS, MATERIAL TERMINATIONS, AND FINISH TRANSITIONS PRIOR TO CONSTRUCTION (TYP.).

**DECORATIVE ENTRY TRUSS NOTES:**

1. PROVIDE CUSTOM DECORATIVE WOOD TRUSS AT ENTRY PER ELEVATION. TRUSS TO BE FIELD-BUILT OR SHOP-FABRICATED FROM KILN-DRIED DOUGLAS FIR OR APPROVED EQUAL (TYP.).
2. ALL MEMBERS TO BE 4x MATERIAL UNLESS OTHERWISE NOTED; TYPICAL CONFIGURATION: (1) KING POST, (2) DIAGONALS, (1) BOTTOM CHORD, AND RIDGE BLOCK (TYP.).
3. CONNECTIONS TO BE CONCEALED STRUCTURAL BOLTS OR LAG SCREWS WITH SIMPSON METAL PLATES OR HIDDEN FASTENERS AS APPROVED BY OWNER (TYP.).
4. PAINT OR STAIN FINISH AS SCHEDULED; SAND SMOOTH AND PRIME ALL SURFACES PRIOR TO FINISH COAT (TYP.).
5. PROVIDE STEEL STRAP OR HANGER CONNECTIONS TO ROOF FRAMING ABOVE AS REQUIRED FOR LATERAL RESTRAINT; TRUSS IS NON-STRUCTURAL UNLESS NOTED OTHERWISE (TYP.).
6. FLASH AND SEAL ALL INTERSECTIONS WITH ADJACENT SIDING AND FASCIA TO PREVENT WATER INTRUSION (TYP.).
7. FIELD VERIFY ALL DIMENSIONS AND MOUNTING HEIGHTS PRIOR TO FABRICATION (TYP.).

PROJECT INFORMATION

**DUMOULIN  
RESIDENCE**

49 EATON AVE  
MEREDITH, NH 03253

SEAL

AGENCY APPROVAL

DRAWING ISSUANCE		DATE
NO.	DESCRIPTION	

**Revised**  
03/25/2026 9:01:54 AM

SHEET INFORMATION

ELEVATIONS

**A-600**



**1 NORTH ELEVATION**

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



**2 SOUTH ELEVATION**

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

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SEAL

AGENCY APPROVAL

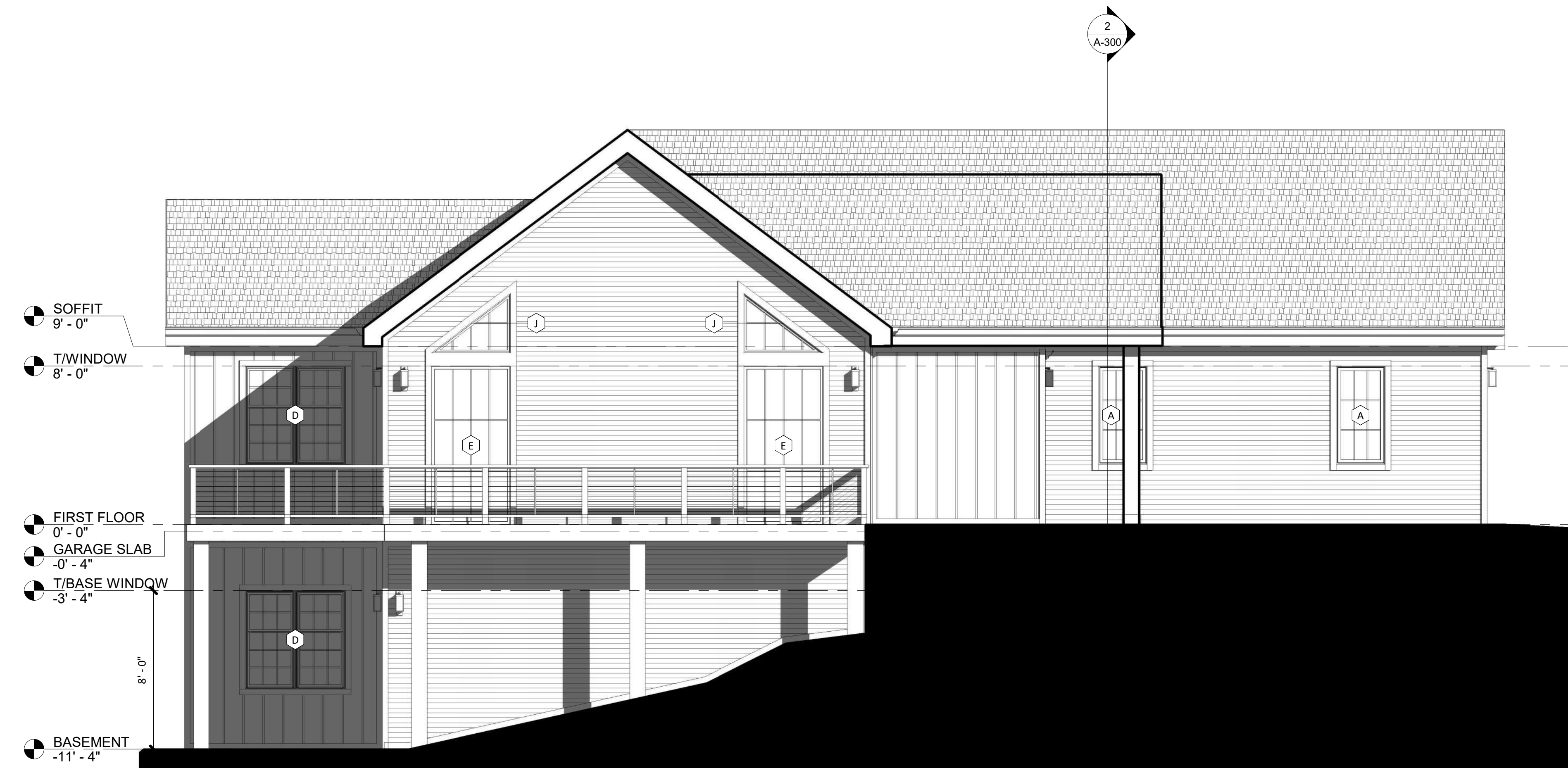
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NO. DESCRIPTION DATE

**Revised**  
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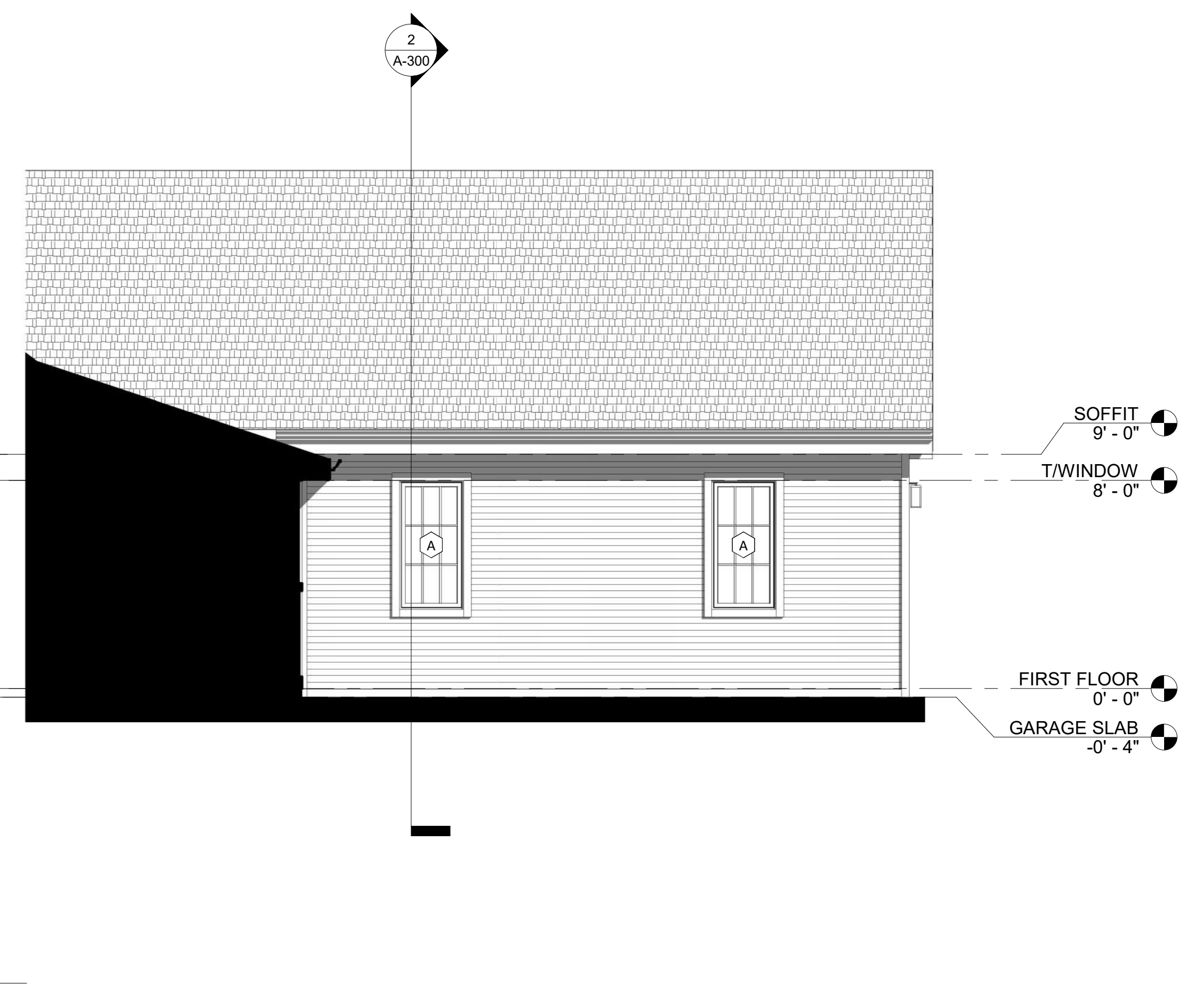
SHEET INFORMATION

ELEVATIONS & SCHEDULES

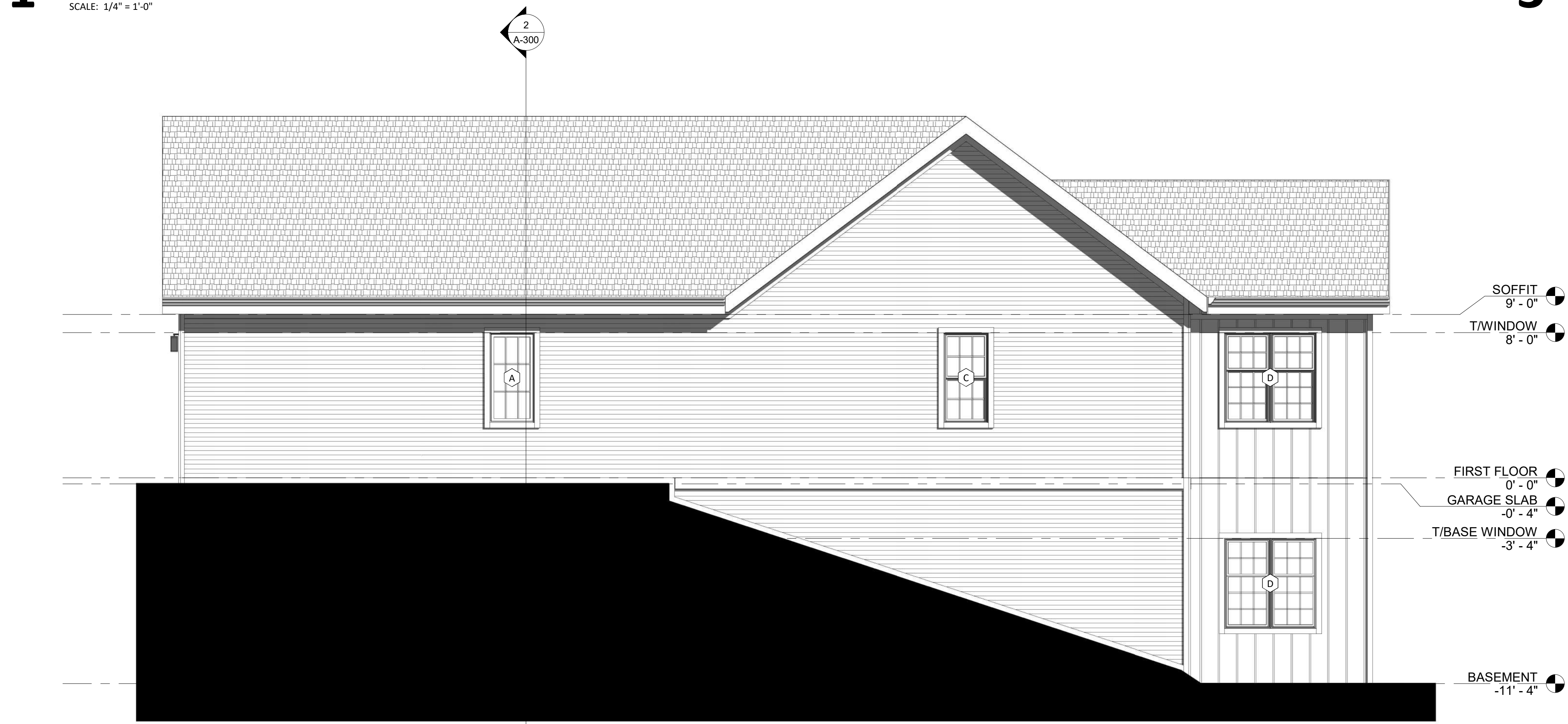
**A-601**



**1 EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



**3 PARTIAL ELEVATION**  
SCALE: 1/4" = 1'-0"



**2 WEST ELEVATION**  
SCALE: 1/4" = 1'-0"

DOOR SCHEDULE					
DOOR NUMBER	ROOM	WIDTH	HEIGHT	FIRE RATING	COMMENTS
1	FOYER	3'-0"	8'-0"		
2	CLOSET	5'-0"	8'-0"		POCKET SLIDING
3	POWDER	2'-8"	8'-0"		
5	GREAT ROOM	8'-11 1/2"	7'-11 1/2"		9'-0" W X 8'-0" H 3-PANEL SLIDING
8	GARAGE	3'-0"	8'-0"	20 MIN	
9	LAUNDRY	2'-8"	8'-0"		
11	BEDROOM 3	2'-8"	8'-0"		
12	CLOSET 3	2'-6"	8'-0"		
13	BATH	2'-8"	8'-0"		
14	BEDROOM 2	2'-8"	8'-0"		
15	CLOSET	2'-8"	8'-0"		
16	BEDROOM 1	2'-8"	8'-0"		
17	CLOSET	2'-8"	8'-0"		
18A	MASTER BATH	2'-8"	8'-0"		
18B	MASTER BATH	2'-8"	8'-0"		
31	HALL	2'-6"	8'-0"		
32	MECH/ELEC	3'-0"	8'-0"	20 MIN	
33	BEDROOM 4	2'-8"	8'-0"		
34	CLOSET	2'-8"	8'-0"		
35	MASTER BATH	2'-8"	8'-0"		
36	BEDROOM 5	2'-8"	8'-0"		
37	CLOSET	2'-8"	8'-0"		
39	BATH	2'-8"	8'-0"		
40	ENTERTAINMENT ROOM	8'-11 1/2"	7'-11 1/2"		9'-0" W X 8'-0" H 3-PANEL SLIDING
42	STORAGE	2'-8"	8'-0"		

WINDOW SCHEDULE				
MARK	ROUGH OPENING		Head Height	Comments
	WIDTH	HEIGHT		
A	2'-5 1/2"	4'-11 1/2"	8'-0"	FIXED
B	8'-11 1/2"	4'-11 1/2"	8'-0"	SINGLE HUNG
C	2'-5 1/2"	4'-11 1/2"	8'-0"	SINGLE HUNG
D	5'-0 1/2"	4'-11 1/2"	8'-0"	SINGLE HUNG
E	4'-0"	8'-0"	8'-0"	FIXED
F	2'-11 1/2"	3'-11 1/2"	8'-0"	CASEMENT
G	2'-11 1/2"	3'-11 1/2"	8'-0"	FIXED
H	1'-11"	1'-11"	14'-11 1/2"	
J	4'-0"	3'-0"	11'-8"	FIXED











### A. GENERAL NOTES

- ALL STRUCTURAL WORK SHALL CONFORM TO THE PROJECT SPECIFICATIONS, DRAWINGS, AND THE 2021 NEW HAMPSHIRE BUILDING CODE.
- CONTRACTOR SHALL COORDINATE STRUCTURAL WORK WITH RELATED TRADES AND WITH OTHER DESIGN DISCIPLINE REQUIREMENTS PRIOR TO MAKING SUBMITTALS. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PERFORMING WORK.
- REFER TO OTHER DESIGN DISCIPLINE DRAWINGS FOR ADDITIONAL INFORMATION REQUIRED FOR THE SUBMITTALS AND INSTALLATION OF STRUCTURES, INCLUDING BUT NOT LIMITED TO DIMENSIONS, ELEVATIONS, SLOPES, LOCATIONS OF OTHER SYSTEMS AND EQUIPMENT, OPENINGS, WALLS, STAIRS, FINISHES, COATINGS, AND OTHER NON-STRUCTURAL ITEMS.
- DETAILS LABELED AS TYPICAL DETAILS ON THE DRAWINGS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH TYPICAL DETAILS SHALL APPLY WHETHER OR NOT THEY ARE DEMARKED AT EACH LOCATION IN THE DRAWINGS. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS OF A SIMILAR NATURE. VERIFY APPLICABILITY BY SUBMITTALS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION DETAILS AND ACCURACY OF THE WORK; FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; FOR SELECTING FABRICATION PROCESSES, FOR TECHNIQUES OF ASSEMBLY IN ACCORDANCE WITH GENERAL CONDITIONS; AND FOR PERFORMING ALL WORK IN A SAFE AND SECURE MANNER IN ACCORDANCE WITH GOVERNING JOB SAFETY STANDARDS.
- CONTRACTOR SHALL VERIFY ALL CONDITIONS AT THE SITE, INCLUDING LOCATIONS OF ALL EXISTING STRUCTURES AND EXISTING UTILITIES ABOVE AND BELOW GROUND (AS ANY INFORMATION SHOWN IS APPROXIMATE AND NOT NECESSARILY COMPLETE). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PERFORMING WORK.
- LOADS APPLIED DURING CONSTRUCTION SHALL NOT EXCEED THE DESIGN LOADS NOTED ON THE DRAWINGS OR THE CAPACITY OF PARTIALLY COMPLETED CONSTRUCTIONS AS DETERMINED BY THE CONTRACTOR. THE STRUCTURAL ELEMENTS OF THE PROJECT AS SHOWN IN THE CONSTRUCTION DOCUMENTS HAVE BEEN DESIGNED FOR THE SPECIFIED VERTICAL AND LATERAL FORCES ACTING ON THE COMPLETED BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL REQUIRED SHORING AND BRACING NEEDED DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF THE PARTIALLY-COMPLETED STRUCTURE AND FOR CONSTRUCTION LOADINGS THAT EXCEED THE SPECIFIED DESIGN LOADS.
- SHORING, BRACING, PROTECTING, AND MAINTAINING THE INTEGRITY OF ANY EXISTING, ADJACENT, AND/OR ONGOING PARTIALLY COMPLETED STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR.

### B. FOUNDATION RELATED EARTHWORK

- FOUNDATIONS HAVE BEEN DESIGNED FOR THE PRESUMPTIVE SOIL VALUES SHOWN IN THE BASIS OF DESIGN BASED ON IBC 2021, TABLES 1610.1 AND 1606.2. THESE ASSUMED VALUES SHALL BE VERIFIED BY THE OWNER OR GENERAL CONTRACTOR AT THE TIME OF EXCAVATION. IF NECESSARY, THE OWNER SHALL EMPLOY A TESTING AGENCY OR GEOTECHNICAL ENGINEER TO ASSIST IN THIS EVALUATION. SOIL TESTING OR GEOTECHNICAL ENGINEERING HAS NOT BEEN COMPLETED BY THE DESIGN TEAM.
- IBC CHAPTER 18 "SOILS AND FOUNDATION" REQUIREMENTS APPLY, UNLESS SPECIFICALLY NOTED OTHERWISE BY THE DRAWINGS. REPORT CONFLICTS BETWEEN THE CODE AND THE DRAWINGS TO THE ARCHITECT PRIOR TO COMMENCING ANY AFFECTED WORK.
- A LICENSED GEOTECHNICAL ENGINEER SHALL INSPECT AND REPORT ON ALL NATIVE SUB-GRADES FOR FOUNDATION PREPARED SOIL SURFACES PRIOR TO THE PLACEMENT OF ANY BACKFILL, FILL, AND FOUNDATION STRUCTURAL ELEMENTS. FOUNDATIONS SHALL BEAR ON COMPACTED NATIVE SOILS OR COMPACTED STRUCTURAL FILLS IN ACCORDANCE WITH THE GEOTECHNICAL RECOMMENDATIONS.
- FOOTINGS CAST DIRECTLY AGAINST THE EARTH SHALL BE SIDE-FORMED AS REQUIRED TO KEEP EARTH OUT OF THE CONCRETE. COMPACT DISTURBED LOAD BEARING SOIL IN DIRECT CONTACT WITH FOUNDATIONS TO ORIGINAL BEARING CAPACITY. AS WET WEATHER OR GROUND CONDITIONS WARRANT, PLACE A MINIMUM OF 6 INCHES OF CRUSHED STONE OR 12 INCHES OF SAND-GRAVEL WRAPPED IN GEOTEXTILE FABRIC FOR SUBGRADE PROTECTION BENEATH FOUNDATIONS. DO NOT ALLOW FOR STANDING WATER ON EARTH. IF OVER-EXCAVATION OCCURS, REPLACE MATERIAL WITH BACKFILL MEASURES SPECIFIED FOR USE UNDER FOUNDATIONS, AFTER ACCEPTANCE BY GEOTECHNICAL ENGINEER.
- UNLESS NOTED OTHERWISE, PLACE AND COMPACT BACKFILL IN EQUAL CONTINUOUS LAYERS NOT EXCEEDING A MAXIMUM OF 8" OF COMPACTED DEPTH FOR HAND-HELD COMPACTION EQUIPMENT AND A MAXIMUM OF 12" INCHES COMPACTED DEPTH FOR VIBRATORY ROLLERS. MAINTAIN OPTIMUM MOISTURE CONTENT OF BACKFILL MATERIALS TO ATTAIN COMPACTION DENSITY.
- AT EARTH RETAINING WALLS, BACKFILL LIFTS TO NOT EXCEED 12 INCH DIFFERENCE IN ELEVATION UNTIL FINAL ELEVATIONS ARE REACHED ON BOTH SIDES OF THE WALL.
- THE CONSTRUCTION CONSIDERATIONS IN THE IBC SHALL APPLY TO THIS PROJECT, INCLUDING BUT NOT LIMITED TO PROOFROLLING SUBGRADES AT THE EXCAVATION AND/OR BEARING ELEVATIONS; REMOVING AND REPLACING LOOSE OR SOFT POCKETS, FILL SLOPE CONSTRUCTIONS, ETC.
- BACKFILL REQUIREMENTS:
  - FILL WITHIN BUILDING ENVELOPE AND EXTENDING OUTWARD AT 1:1 SLOPE TO ACCEPTABLE NATIVE SOIL CONDITIONS.
  - MATERIAL: "SAND-GRAVEL"; "GRANULAR"; "CRUSHED STONE" WITH GEOTEXTILE WRAP (SEE SECTIONS) COMPACTION: 95% MODIFIED PROCTOR
  - BACKFILL BEHIND RETAINING WALLS: MATERIAL: "GRANULAR" BACKFILL COMPACTION: 95% MODIFIED PROCTOR
- BACKFILL MATERIALS:
  - "SAND-GRAVEL":
 

SIEVE DESIGNATION	% BY WEIGHT PASSING SIEVES
4 INCH	100
1/2 INCH	50-85
No. 4	45-75
No. 100	10-35
No. 200	0-6
  - "GRANULAR":
 

SIEVE DESIGNATION	% BY WEIGHT PASSING SIEVES
3 INCH	100
No. 4	45-70
No. 40	0-12
No. 200	0-6
  - "CRUSHED STONE" WITH GEOTEXTILE FABRIC:
 

SIEVE DESIGNATION	% WEIGHT BY PASSING SIEVES
1 INCH	100
3/4 INCH	90-100
3/8 INCH	0-55
No. 4	0-10
No. 8	0-5
  - "SUITABLE NATIVE SOIL": ON SITE SAND OR GRAVEL REASONABLY FREE OF LOAM, SILT, CLAY, OR ORGANIC MATTER.
- GEOTEXTILE FABRIC: NON-WOVEN WITH 12 LAPPED SEAMS SEE GEOTECHNICAL REPORTING FOR USE AND MEETING:
  - GRAB STRENGTH OF 80 POUNDS MINIMUM MEETING ASTM D4532
  - PUNCTURE STRENGTH OF 25 POUNDS MINIMUM MEETING ASTM D4833
  - TRAPEZOID TEAR OF 25 POUNDS MINIMUM MEETING ASTM D4533
  - APPARENT OPENING SIZE OF NO. 70-100 (US SIEVE) MEETING ASTM D4751

### C. CAST-IN-PLACE CONCRETE

- CODES AND STANDARDS: COMPLY WITH THE PROVISIONS OF THE LATEST EDITIONS OF:
  - ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
  - ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE"
  - ACI 304 "GUIDE FOR MIXING, TRANSPORTING AND PLACING CONCRETE"
  - ACI 305 "HOT WEATHER CONCRETING"
  - ACI 308 "STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING"
  - ACI 308 "STANDARD PRACTICE FOR CURING CONCRETE"
- CONCRETE TESTING: THE CONTRACTOR SHALL PREPARE A SET OF 4 CYLINDERS/TEST SET TO BE TESTED AT AN INDEPENDENT LABORATORY. THE CYLINDERS SHALL BE TAKEN FROM ONE CONCRETE TRUCK AND LABELED WITH DATE, TRUCK NUMBER, AND LOCATION OF CONCRETE PLACEMENT. EACH SAMPLE SHALL ALSO BE TESTED FOR SLUMP, AIR CONTENT, AND TEMPERATURE. THE CYLINDERS SHALL BE TESTED AS FOLLOWS: 1 AT 7 DAYS; 2 AT 28 DAYS; AND A THIRD HELD FOR A 56 DAY BREAK IF REQUIRED. TEST CYLINDERS SHALL BE TAKEN AT LEAST ONCE PER PLACEMENT OR EVERY 50 CUBIC YARDS. FIELD TESTING SHALL BE PERFORMED BY A GRADE I ACI (MINIMUM) FIELD TESTING TECHNICIAN.
- SUBMIT MIX DESIGN AND EITHER TRIAL MIX DESIGNS OR HISTORIC FIELD DATA FOR APPROVAL IN ACCORDANCE WITH ACI 318, CHAPTER 5, INCLUDE TECHNICAL DATA SHEETS, GRADATIONS, AND MATERIAL VERIFICATIONS ON ALL COMPONENTS. SUBMIT MIX DESIGNS, PRIOR TO PLACEMENT OF CONCRETE, TRANSIT MIX SHALL CONFORM TO ASTM C94.
- COMPRESSIVE MIXTURES SHALL BE 4,000 PSI NORMAL WEIGHT CONCRETE WITH EXPOSURE CLASS F1, S0, W1, C1; MAXIMUM WATER-TO-CEMENT RATIO OF 0.55, AND 5% ± 1.5% AIR ENTRAINMENT. SLUMP SHALL BE 3"-5" BEFORE ADDITION OF WATER REDUCER, 6"-8" AFTER ADDITION OF WATER REDUCER.
- MAXIMUM AGGREGATE SIZE IN ACCORDANCE WITH ACI 301; CLEARLY NOTE LOCATION WHERE AGGREGATES GREATER THAN 3/4" MAXIMUM SIZE ARE PROPOSED FOR USE.
- NO CHLORIDE OR OTHER UNAUTHORIZED ADMIXTURES SHALL BE USED. MAINTAIN MAXIMUM WATER SOLUBLE CHLORIDE ION (CL-) IN CONCRETE, BY WEIGHT OF CEMENT AT LESS THAN 1.00 FOR NON-EXPOSED CONCRETES AND 0.30 FOR EXTERIOR EXPOSED CONCRETES.
- WHEN AMBIENT TEMPERATURE IS BELOW 40° FAHRENHEIT OR MORE THAN 90° FAHRENHEIT PLACE AND PROTECT CONCRETE IN ACCORDANCE WITH ACI STANDARDS LISTED ABOVE.
- CONCRETE PLACEMENT MAY REQUIRE ADJUSTMENT OF REINFORCEMENT, EMBEDDED ITEMS OR ANCHOR BOLTS. REVIEW DRAWINGS AND IDENTIFY THESE LOCATIONS TO ARCHITECT PRIOR TO SUBMITTALS. PROVIDE ADDITIONAL SUPERVISION AND MODIFY PLACEMENT MEASURES TO ACCOUNT FOR CONGESTIONS.
- COMPLY WITH ACI CODES AND PLACE CONCRETE IN A CONTINUOUS OPERATION WITHIN PLANNED JOINTS OR SECTIONS. DO NOT PERMIT COLD JOINTS TO OCCUR.
- CURING: COVER OR WET CURE ALL ELEMENTS. BEGIN INITIAL CURING AS SOON AS FREE WATER HAS DISAPPEARED FROM EXPOSED SURFACES. WHERE POSSIBLE, KEEP CONTINUOUSLY WET FOR 72 HOURS. CONTINUE CURING BY USE OF MOISTURE RETAINING COVER. USE OF MEMBRANE-FORMING CURING COMPOUNDS IS PROHIBITED.
- SURFACE FINISHES:
  - GENERAL: COMPLY WITH ACI 302.1R RECOMMENDATIONS FOR SCREEDING, RESTRAIGHTENING, AND FINISHING OPERATIONS FOR CONCRETE SURFACES. DO NOT WET CONCRETE SURFACES.
  - DO NOT HARD TROWEL AIR-ENTRAINED CONCRETE.
- PROVIDE CONTROL AND CONSTRUCTION JOINTS BY DETAIL AND SPECIFICATION REQUIREMENTS. SHOW LOCATION ON REINFORCING SUBMITTAL FOR COORDINATION WITH FLOORING, EQUIPMENT AND OTHER CONTRACTOR REQUIREMENTS.
  - WALLS CONTROL JOINTS: NOT EXCEEDING 20 FEET AND AT EACH INTEGRAL PLASTER, CONSTRUCTION JOINTS AT 80 FEET OF MAXIMUM SPACING.

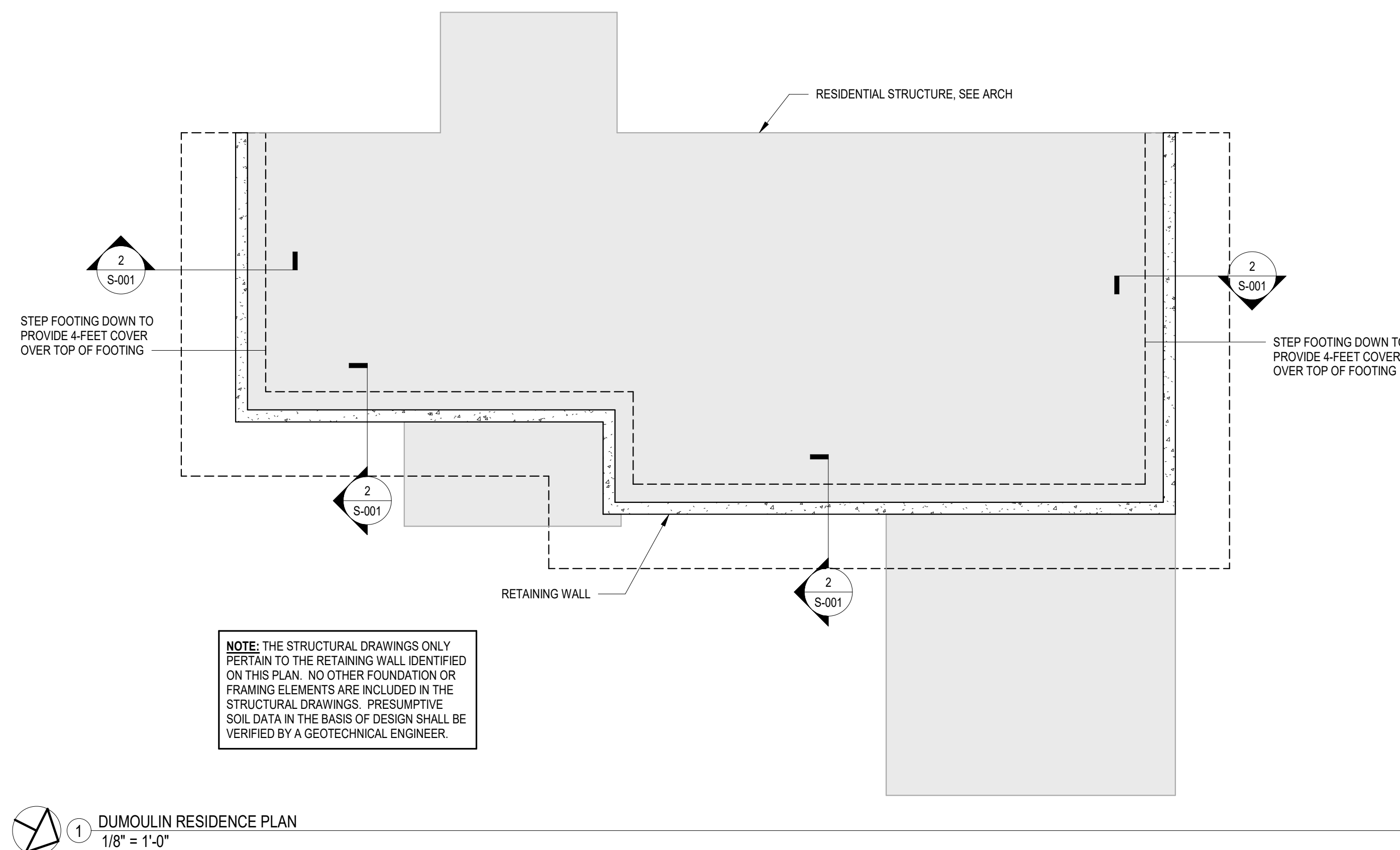
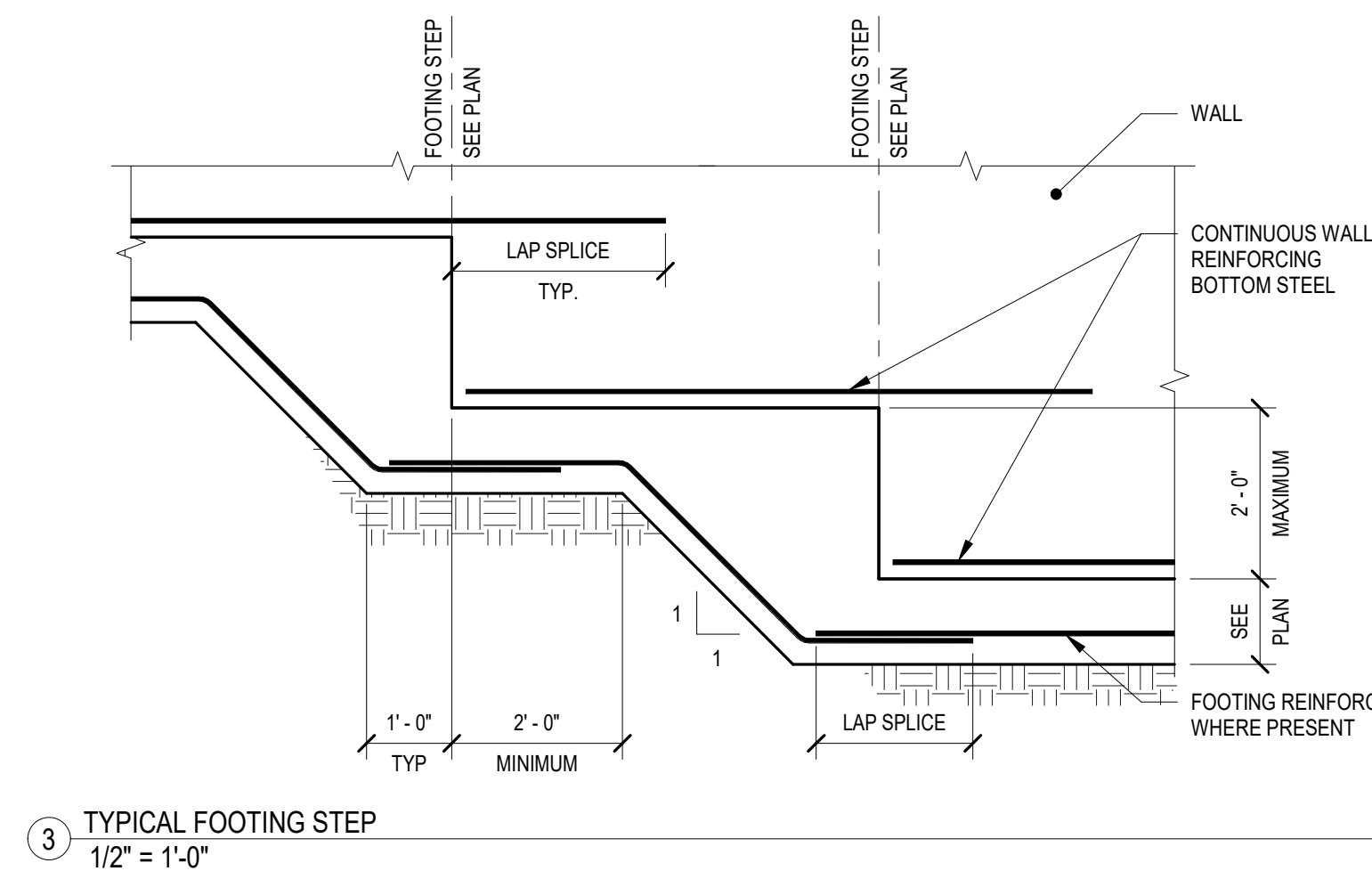
### D. CONCRETE REINFORCEMENT

- SHOP DRAWINGS SHALL BE PROVIDED PRIOR TO START OF CONCRETE PLACING AND BE IN ACCORDANCE WITH:
  - ACI 301 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
  - ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT"
  - ACI SP-88 "ACI DETAILING MANUAL"
  - CRSI MSP "MANUAL OF STANDARD PRACTICE"

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. SHOW ALL WALLS IN PLAN AND ELEVATION WITH OPENINGS AND PENETRATIONS SHOWN BASED ON MEP COORDINATION SUBMITTALS AND ARCHITECTURAL REQUIREMENTS. SUBMIT PROPOSED CONTROL AND CONSTRUCTION JOINTS FOR REVIEW ON REINFORCING SUBMITTALS.
- REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60, STEEL BARS PER ASTM A305, UNLESS NOTED OTHERWISE.
- FIELD BENDING OR REINFORCEMENT SHALL CONFORM TO ACI 301, INCLUDING PRE-HEAT REQUIREMENTS.
- PROVIDE MINIMUM CONCRETE COVER TO REINFORCEMENT AS FOLLOWS, UNLESS OTHERWISE NOTED:
  - BOTTOM OF FOOTINGS: 3"
  - SIDES OF FOOTINGS AND RETAINING WALLS: 2"
  - FACES OF WALLS OTHER THAN THOSE NOTED ABOVE: 3/4"
- ALL LAPS SHALL BE FULL TENSION LAPS (CLASS B SPLICE) UNLESS SPECIFICALLY NOTED OTHERWISE. DOWELS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCEMENT, UNLESS OTHERWISE NOTED.
- CHAIRS AND SPACERS SHALL BE PLACED TO ADEQUATELY SUPPORT REINFORCING DURING PLACEMENT. FOREIGN MATERIALS SUCH AS WOOD, CLAY BRICK OR OTHER UNSUITABLE SUPPORTS SHALL NOT BE USED TO SUPPORT REINFORCING. SET WIRE TIES SO ENDS ARE DIRECTED INTO CONCRETE WHERE CONCRETE WILL BE EXPOSED. DO NOT USE CONCRETE SUPPORTS UNLESS SUBMITTED AND ACCEPTABLY REVIEWED.

### E. CONCRETE FORMWORK

- CONCRETE FORMS SHALL BE CLEAN AND FREE FROM DEBRIS. IF FORMS ARE COATED WITH A VEGETABLE BASED (SOY) RELEASE AGENT, WHICH SHALL NOT STAIN CONCRETE OR ABSORB MOISTURE OR IMPAIR NATURAL BONDING OF CONCRETE.
- COORDINATE WITH REINFORCING SUBMITTAL FOR OPENING AND ADDITIONAL REQUIREMENTS. SUBMIT BEFORE FRAMING OPENINGS IN STRUCTURAL ELEMENTS WHICH ARE NOT INDICATED ON DRAWINGS.
- PROVIDE BRACING TO ENSURE STABILITY OF FORMWORK FOR PLACEMENT OPERATIONS. DO NOT REMOVE FORMS OR BRACING UNTIL CONCRETE HAS GAINED SUFFICIENT STRENGTH TO CARRY ITS OWN WEIGHT AND IMPOSED LOADS.
- ALL WALL SIDES AND SLAB EDGES EXPOSED TO VIEW TO HAVE CLASS A - CLASS OF SURFACE. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.



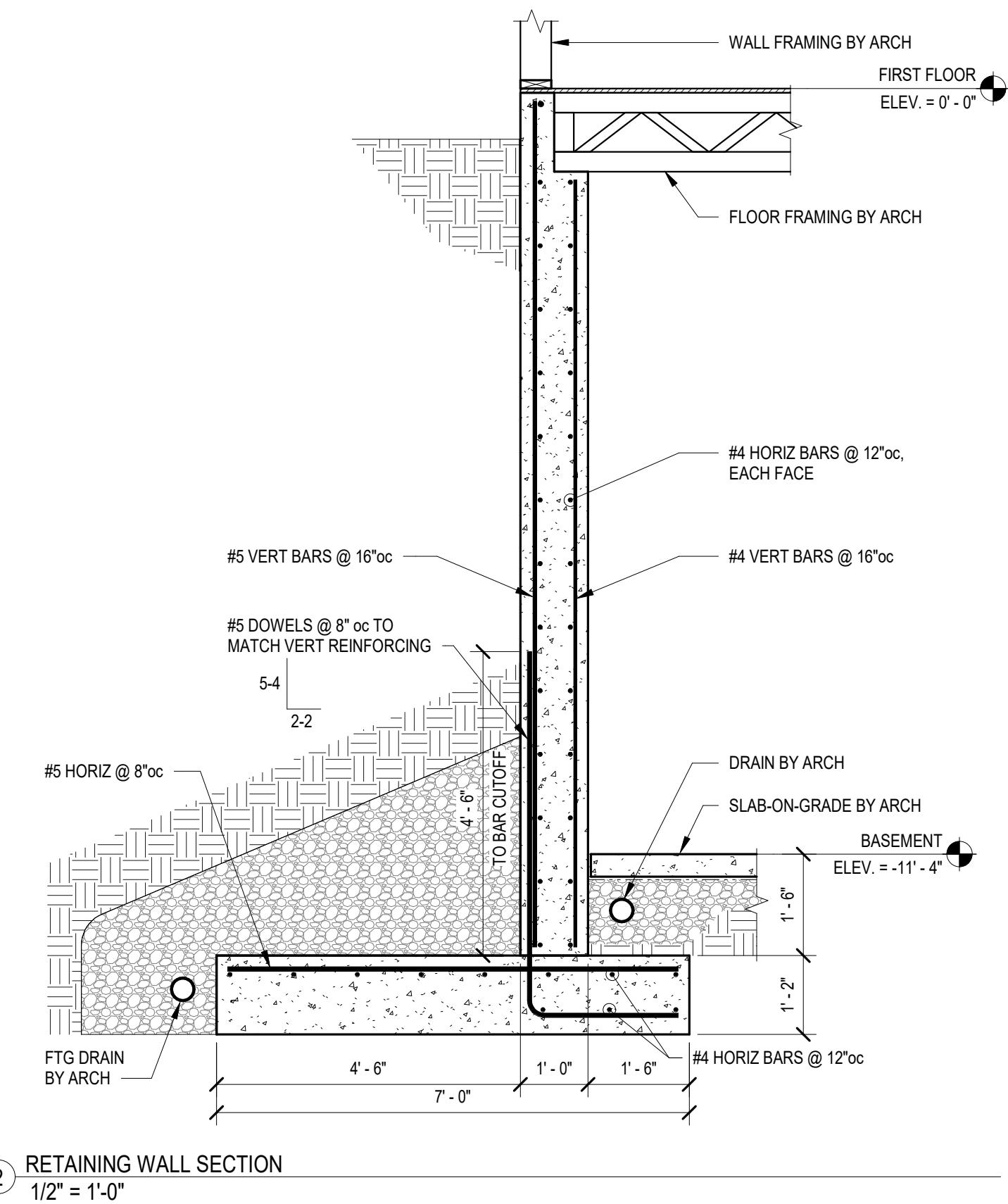
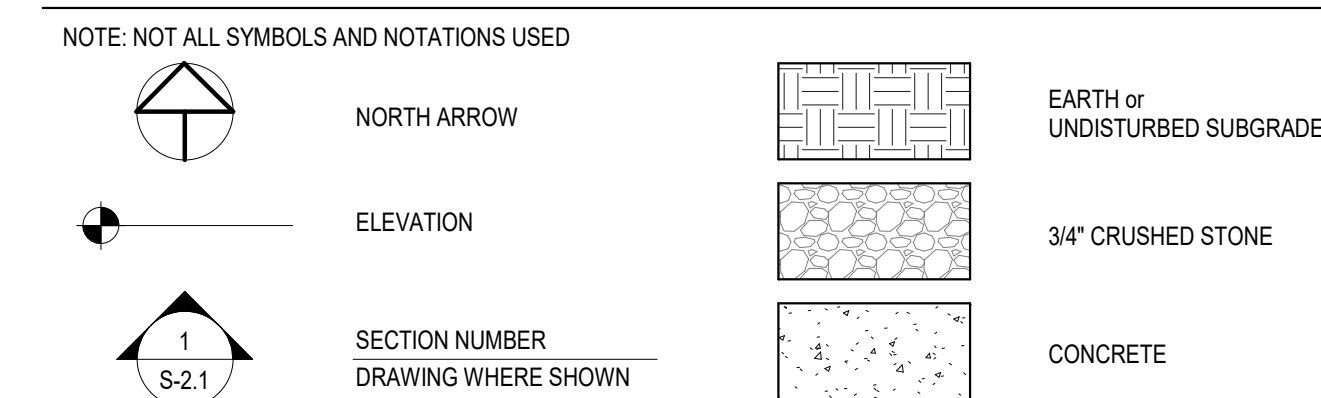
### BASIS OF DESIGN

1. Building Code:	2021 New Hampshire Building Code
2. Dead Loads:	
a. Roof Dead Load:	20 psf
b. Floor Dead Load:	20 psf
3. Live Loads:	
a. Roof Live Load:	30 psf
b. Floor Live Load (live load reduction not used):	40 psf
4. Roof Snow Load:	
a. Ground Snow Load, P <sub>g</sub> :	70 psf
b. Flat Roof Snow Load, P <sub>f</sub> :	60 psf
c. Snow Exposure Factor, C <sub>e</sub> :	1.0
d. Snow Load Importance Factor, I <sub>s</sub> :	1.0
e. Thermal Factor, C <sub>t</sub> :	1.2
5. Soils Data (PRESUMPTIVE - GEOTECHNICAL ENGINEER TO VERIFY):	
a. Allowable Soil Bearing Pressure:	2,500 psf
b. Coefficient of Friction:	0.35
c. Active Lateral Earth Pressure:	40 ps/ft
d. Passive Lateral Earth Pressure:	300 ps/ft
e. Soil Density:	110 pcf

### ABBREVIATIONS

ARCH	ARCHITECT	oc	ON CENTER
DWG	DRAWING	STD	STANDARD
ELEV.	ELEVATION	TYP.	TYPICAL
FTG	FOOTING	U.N.O.	UNLESS NOTED OTHERWISE
HORIZ	HORIZONTAL	VERT	VERTICAL

### DRAWING LEGEND



Date	Description
No.	

**ENGINEERING VENTURES PC**  
 Vermont • New Hampshire • New York  
 200 Ryan Avenue, Suite 2A, Burlington, VT 05401 | (802) 263-8228  
 88 Mechanic Street, Suite E2-3, Lebanon, NH 03766 | (603) 442-9333  
 388 Broadview, Suite 11, Saratoga Springs, NY 12158 | (518) 255-9141  
 www.engineeringventures.com

49 EATON AVE  
MERRIDITH, NH 03253

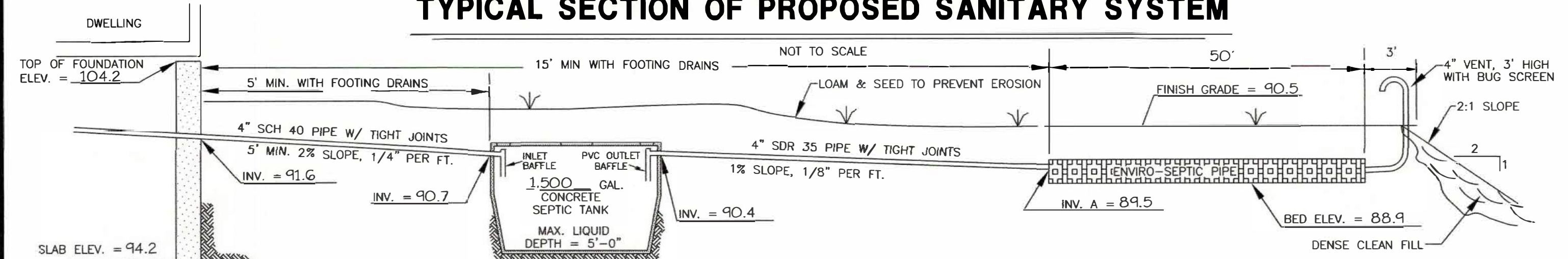
BASIS OF DESIGN, NOTES  
DIMOULIN RESIDENTIAL RETAINING WALL

Sheet Title: \_\_\_\_\_  
Project Title: \_\_\_\_\_

Designed By:	TCW
Checked By:	RAN
Drawn By:	TCW
Scale:	As indicated
Date:	03/24/26

**S-001**

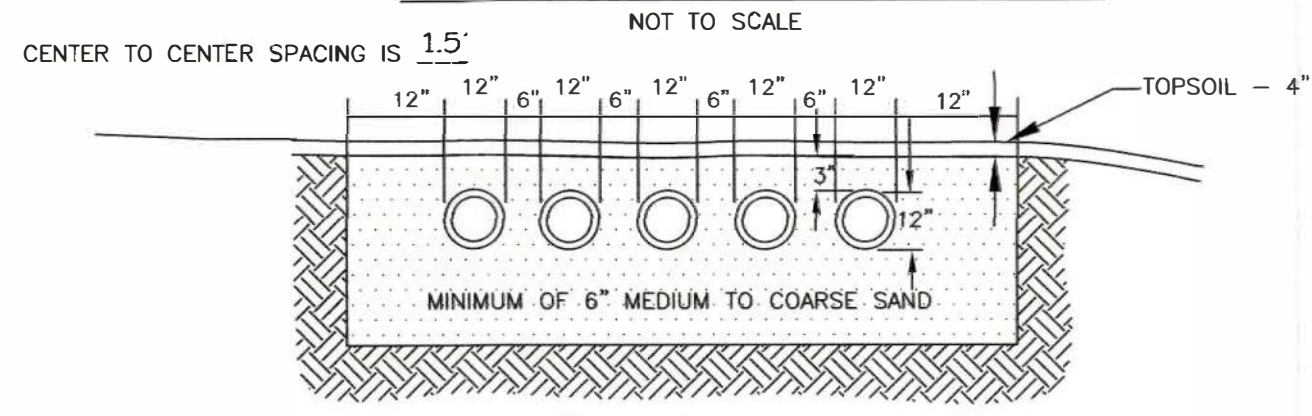
**TYPICAL SECTION OF PROPOSED SANITARY SYSTEM**



THE DISTANCE BETWEEN THE TANK AND SURFACE WATER, VERY POORLY DRAINED SOIL OR A WELL MAY BE REDUCED TO 50 FT. IF SEALED IN ACCORDANCE WITH ENV-WQ 1008.04(C)

ALL TREES, TOPSOIL, ROOTS, AND ORGANIC MATTER SHALL BE REMOVED FROM THE AREA TO BE FILLED. BACKFILL SOIL IS TO BE WASHED CONCRETE SAND OR MEDIUM TO COARSE TEXTURED SAND WITH AN EFFECTIVE SIZE OF 0.25 TO 2.0 MM, NO GREATER THAN 3% PASSING THE NUMBER 200 SIEVE, AND NO PARTICLES LARGER THAN 3/4 INCH.

**TYPICAL CROSS SECTION**



DESIGN PROPOSES 7 ROWS OF ENVIRO-SEPTIC TUBES IN SERIAL DISTRIBUTION. EACH LINE OF ENVIRO-SEPTIC PIPE IS TO BE LAID LEVEL.

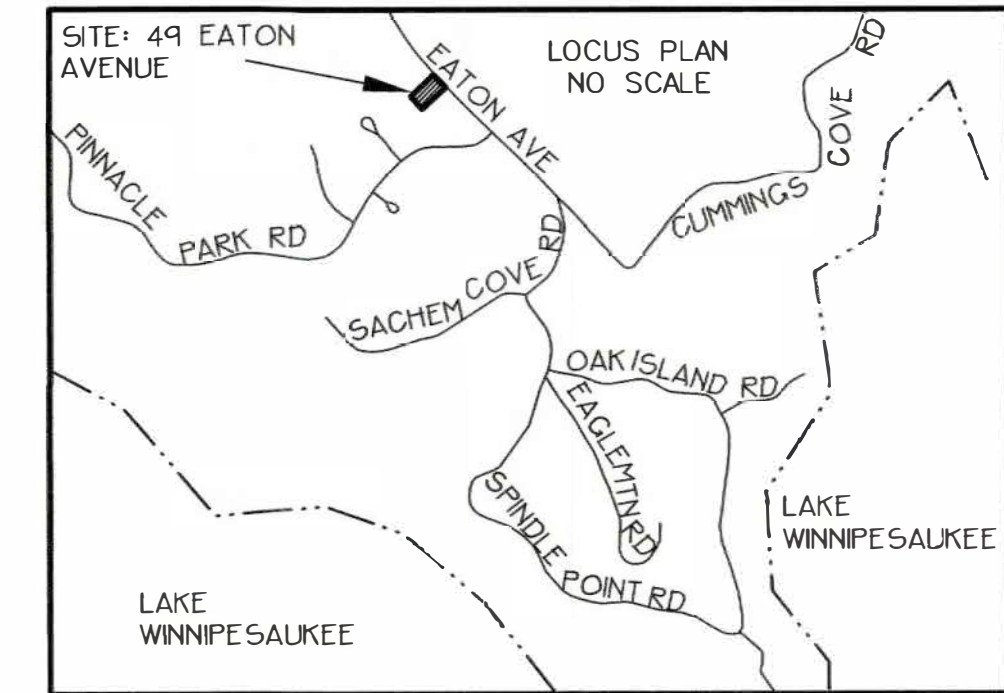
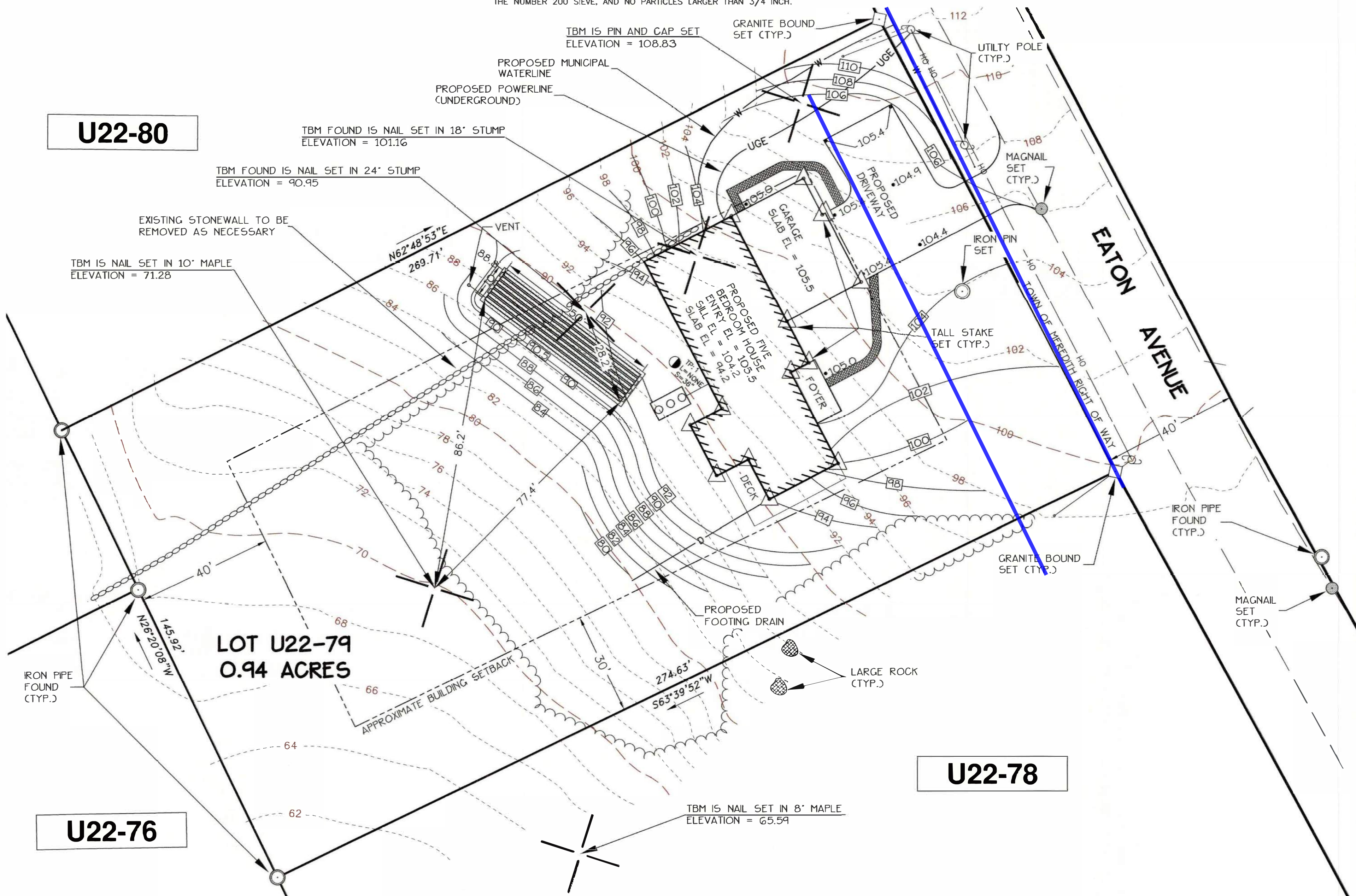
**TEST PIT DATA**

TP 1	02/20/2025	
10YR 3/3 DARK BROWN SANDY LOAM	5'	
10YR 5/4 YELLOWISH BROWN LOAMY SAND	36'	
10YR 6/4 LIGHT BROWNISH GRAY LOAMY SAND	80'	
ROOTS	NONE	ROOTS
LEDGE	NONE	LEDGE
WATER	NONE	WATER
S.H.W.T.	36'	S.H.W.T.
HARDPAN	NONE	HARDPAN
PERC. TEST <u>8</u> MIN./IN. AT <u>18"</u>		PERC. TEST _____ MIN./IN. AT _____"
DATE <u>02/20/25</u>		DATE _____

SOIL DATA: 380C, TUNBRIDGE-LYMAN-BECKETT COMPLEX 8-15% SLOPES, VERY STONY

DESIGN DATA: 5 BEDROOMS AT 8 MIN. IN. REQUIRES 350 LIN. FT.  
 PROPOSED ARE 7 ROWS OF 50 LIN. FT. EACH OR 350 LIN. FT. TOTAL  
 DESIGN INTENT: DUE TO SHWT AT 36" THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT 88.9' ELEVATION. THIS IS APPROXIMATELY 0.1' ABOVE BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF THE EFFLUENT DISPOSAL SYSTEM (EDS).  
 LEACHFIELD IS TO BE REBUILT IN PLACE IF REPLACEMENT BECOMES NECESSARY.  
 SUBDIVISION APPROVAL NO. 8465 (SEE BCRD BK.703 PG.352)  
 PREVIOUS CONST. APPROVAL NO. eCA2025041603

- NOTES:
1. INLET AND OUTLET TO SEPTIC TANK ARE TO BE SEALED WITH A WATER-TIGHT, FLEXIBLE JOINT CONNECTOR PER. ENV-WQ 1010.08.
  2. ALL INVERT ELEVATIONS AND GRADES ARE FROM I.B.M. - ASSUMED DATUM
  3. SEPTIC TANK AND DISTRIBUTION BOX ARE TO BE SUPPLIED BY LAMARRE CONCRETE CORP., GREENVILLE NH OR EQUAL.
  4. SEPTIC TANK SIZE DOES NOT ANTICIPATE THE USE OF A GARBAGE GRINDER IN THE SYSTEM. IF A GARBAGE GRINDER IS INSTALLED THE SEPTIC TANK SIZE SHALL BE INCREASED BY 50%.
  5. SEPTIC TANK IS TO BE PUMPED AND CLEANED A MINIMUM OF EVERY THREE YEARS OR AT MORE FREQUENT INTERVALS IF NEEDED.
  6. THIS SYSTEM IS NOT DESIGNED FOR DISCHARGES FROM WATER PURIFICATION SYSTEMS OR FLOOR DRAINS.
  7. THERE ARE NO KNOWN BURIAL OR CEMETERY SITES ON OR WITHIN 100' OF THE SUBJECT PROPERTY.



**LOT U22-79**  
**MERIDITH, NEW HAMPSHIRE**

SCALE: 1"=20'  
 AUGUST 20, 2025  
 OWNER: DFLH, LLC.  
 10 FERRY ST. STE. 400 CONCORD, NH 03301

A WETLANDS INVESTIGATION WAS PERFORMED IN ACCORDANCE WITH ENV-WQ 1014.06 BY SPENCER C. TATE NO WETLANDS WERE FOUND.  
 THERE ARE NO POORLY DRAINED WETLANDS WITHIN 50 FT. OF THE LEACHFIELD  
 THERE ARE NO VERY POORLY DRAINED WETLANDS WITHIN 75 FT. OF THE LEACHFIELD

SITE LOADING:  
 THIS SITE HAS NO WELL OR WETLANDS AND CONTAINS THE FOLLOWING SOILS:  
 0.29 ACRES OF GROUP 3 SOILS ON C SLOPES = 329 GPD  
 0.63 ACRES OF GROUP 3 SOILS ON D SLOPES = 605 GPD  
 THIS SITE CAN HANDLE A TOTAL FLOW OF 934 GPD/ACRE. ADJUSTED = 859GPD  
 PROPOSED FLOW IS 750 GPD.

ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEMS ARE APPROVED BY NHDES AS ITA IN ACCORDANCE WITH PART ENV-Wq 1024. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH THE ENVIRO-SEPTIC AND SIMPLE SEPTIC LEACHING SYSTEM DESIGN AND INSTALLATION MANUAL AND THE ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEM DESIGN AND INSTALLATION MANUAL NEW HAMPSHIRE STATE ATTACHMENT.

NOTE:  
 CONTRACTOR IS TO VERIFY BUILDING SETBACKS WITH THE TOWN PRIOR TO COMMENCING CONSTRUCTION.  
 THE HOUSE AS SHOWN MAY OR MAY NOT CONFORM TO THE BUILDING SETBACK DIMENSIONAL REQUIREMENTS OF THE TOWN ZONING ORDINANCE.

THIS PLAN HAS BEEN PREPARED FOR SEWAGE DISPOSAL SYSTEM DESIGN PURPOSES ONLY. IT IS NOT A BOUNDARY SURVEY. LOT LINE LOCATION SHOULD BE VERIFIED BY A LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION.  
 ANY DISCREPANCIES, CHANGES, SUBSTITUTIONS OR DEVIATIONS FROM THIS PLAN REQUIRES NOTIFICATION OF THE DESIGNER. USE OF THIS PLAN FOR ANY PURPOSE OTHER THAN THE CONSTRUCTION OF THE SEWAGE DISPOSAL SYSTEM SHALL BE AT THE USERS RISK.

WCE  
 DATE: 9/5/2025  
 #eCA2025090523

REV. DATE	DESCRIPTION	INIT.
09/05/25	AMENDED PLAN	WCE

DESIGNER'S STAMP: Spencer C. Tate, No. 1937  
 MERIDIAN LAND SERVICES, INC. ENGINEERING, SURVEYING, PERMITTING, SOIL & WETLAND MAPPING, SEPTIC DESIGN  
 31 WILD NASHUA ROAD, AMHERST, NH 03043 TEL: 603-673-1441  
 MERIDIANLANDSERVICES.COM FAX: 603-673-1284

FILE: 12774100-B2.dwg  
 PARCEL: U22-79  
 FIELD BOOK: S-174  
 PROJECT: 12774.00



The State of New Hampshire  
**Department of Environmental Services**



Robert R. Scott, Commissioner

## APPROVAL FOR CONSTRUCTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)

AS AUTHORIZED BY THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES, WATER DIVISION PURSUANT TO RSA 485-A, WATER POLLUTION AND WASTE DISPOSAL AND ENV-WQ 1000, SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES.

**APPLICATION APPROVAL DATE:** 9/5/2025

**APPROVAL NUMBER:** eCA2025090523

**I. PROPERTY INFORMATION**

**Address:** 49 EATON AVE  
MEREDITH NH 03253  
**Subdivision Approval No.:** 8465  
**Subdivision Name:**  
**County:** BELKNAP  
**Tax Map/Lot No.:** U22/79

**II. OWNER INFORMATION**

**Name:** DFLH, LLC.  
**Address:** DFLH, LLC.  
10 FERRY ST  
STE 400  
CONCORD NH 03301

**III. APPLICANT INFORMATION**

**Name:** SPENCER TATE  
**Address:** PO BOX 118  
MILFORD NH 03055

**IV. DESIGNER INFORMATION**

**Name:** SPENCER TATE  
**Address:** PO BOX 118  
MILFORD NH 03055  
**Permit No.:** 01837

**V. SPECIFIC TERMS AND CONDITIONS:** Applicable to this Approval for Construction  
Please read **VI. General Terms and Conditions** on the reverse side of this approval.

**A. TYPE OF SYSTEM:** ENVIROSEPTIC

**B. NO. OF BEDROOMS:** 5

**C. APARTMENT BEDROOMS:** 0

**D. APPROVED FLOW:** 750 GPD

**E. OTHER CONDITIONS AND WAIVERS:**

1. This approval is valid for 4 years from date of approval, per Env-Wq 1004.13.
2. No waivers have been approved.

Travis Guest  
Subsurface Systems Bureau

**VI. GENERAL TERMS AND CONDITIONS:** Applicable to all Approvals for Construction

- A. This Approval for Construction is issued to construct the ISDS as identified on Page 1 of this Approval.
- B. This Approval is valid until 9/5/2029, unless an Approval for Operation has been granted.
- C. By exercising any rights under this approval, the parties have agreed to all terms and conditions.
- D. No liability is incurred by the State of New Hampshire by reason of any approval of any Approval for Construction. Approval by the Department of Environmental Services of sewage and waste disposal systems is based on plans and specifications supplied by the Applicant.
- E. The system must be constructed in strict accordance with the approved plans and specifications.
- F. The installed system must be left uncovered and cannot be used after construction until it is inspected and has received an Approval for Operation of Individual Sewage Disposal System (ISDS) by an authorized agent of the Department.
- G. This system must be installed by an installer holding a valid permit. An owner may install the system for his or her domicile. Env-Wq 1002.18 defines "Domicile" as that place where an individual has his or her true, fixed, and permanent home and principal establishment, and to which, whenever he or she is absent, he or she has the intention of returning. An individual might have more than one residence, but has only one domicile. Accordingly, an owner may only install a replacement system and may not install the system at a property that he or she does not reside at and that he or she intends to make their future domicile.**
- H. This Approval for Construction does not supersede any equivalent or more stringent local ordinances or regulations. State standards are minimal and must be met statewide.

**WORK NUMBER: 202503243-2**  
**APPROVAL NUMBER: eCA2025090523**  
**RECEIVED DATE: September 5, 2025**  
**TYPE OF SYSTEM: ENVIROSEPTIC**  
**NUMBER OF BEDROOMS: 5**  
**APARTMENT BEDROOMS: 0**  
**APPROVED FLOW: 750 GPD**