

GENERAL CONDITIONS
UNLESS OTHERWISE NOTED, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION PER #2 OR BETTER, DOCUMENT- 201 4/87 SHALL APPLY. THE CONTRACTOR SHALL OBTAIN CERTIFICATE OF OCCUPANCY. SUBSTITUTIONS SHOULD NOT BE MADE WITHOUT WRITTEN AUTHORIZATION BY THE ARCHITECT. THE PREMISES SHALL BE KEPT REASONABLY CLEAN AT ALL TIMES. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS, TOOLS, RUBBISH, ETC., CLEAN GLASS AND LEAVE WORK BROOM CLEAN UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL CARRY WORKMAN'S COMPENSATION AND GENERAL LIABILITY INSURANCE. ALL SHALL COMPLY WITH STATE AND LOCAL ORDINANCES. THE CONTRACTOR SHOULD FULLY GUARANTEE HIS WORK AND THE WORK OF HIS SUBCONTRACTORS FOR A PERIOD OF ONE YEAR AFTER COMPLETION OF THE PROJECT UNLESS OTHERWISE SPECIFIED. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH GOOD BUILDING PRACTICES. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER, ARCHITECT, AND THEIR AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEYS FEES ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE WORK PROVIDED THAT ANY SUCH CLAIM, DAMAGE, LOSS OR EXPENSE (A) IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH OR TO INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF INCLUDING THE LOSS OR USE RESULTING THEREFROM). (B) IS CAUSED IN WHOLE OR IN PART BY ANY NEGLIGENT ACT OR OMISSION OF THE CONTRACTOR, ANY SUBCONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM, OR ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE REGARDLESS OF WHETHER OR NOT IT IS CAUSED IN PART BY A PARTY INDEMNIFIED HEREUNDER. ALL MATERIALS, ASSEMBLIES, AND METHOD OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO FORM-WORK, BLOCK-WORK, FRAMING, NAILING, PLACING OF CONCRETE, ETC. ARE TO BE CAREFULLY SUPERVISED BY THE CONTRACTOR TO BE SURE THEY ARE IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, APPLICABLE CODES AND GOOD PRACTICE. DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS WILL BE CONSIDERED WITHOUT WRITTEN AUTHORIZATION OF THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SHOP DRAWINGS WHICH MAY BE NEEDED. ALL DIMENSIONS AND CONDITIONS ARE TO BE FIELD VERIFIED. CONTRACTOR TO REMOVE & RELOCATE AS REQUIRED ALL EXISTING WORK WHICH INTERFERES WITH NEW CONSTRUCTION USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE DRAWINGS FOR DIMENSIONS. IF NO DIMENSIONS ARE PROVIDED, CONSULT DESIGNER FOR CLARIFICATION PRIOR TO PROCEEDING. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE PROJECT WATER-TIGHT - WEATHER TIGHT NOT WITHSTANDING ANYTHING IN THE CONTRACT DOCUMENTS.

SITE WORK
STAKEOUT IS TO BE PERFORMED BY A LICENSED SURVEYOR. STAKING AND LAYOUT ARE TO ESTABLISH ALL LINES AND BENCHMARKS. VERIFY ALL GIVEN DATA ON DRAWINGS. IN CASE OF DISCREPANCY, RECEIVE CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING. EXCAVATE AND BACK FILL FOR WORK INDICATED ON DRAWINGS. STOCKPILE TOPSOIL OBTAINED FROM STRIPPING DRIVEWAY AND BUILDING SITE. STOCKPILE ALL EXCAVATED MATERIAL. NEW AND EXISTING BACK FILL MATERIAL AND TOPSOIL ARE TO BE FREE OF WEEDS, TREE ROOTS, ROCKS AND DEBRIS. ALL SURPLUS MATERIAL THAT IS UNSUITABLE FOR BACK FILL MATERIAL SHALL BE REMOVED FROM THE SITE. PROTECT ALL TREES WITHIN EIGHT FEET OF THE BUILDING. PROPER APPROVALS MUST BE OBTAINED BEFORE COVERING ANY EXCAVATED WORK. PATIOS ARE TO BE SLOPED 1/8 TO 1/4" PER FOOT AWAY FROM RESIDENCE. PRIOR TO BEGINNING ANY EXCAVATION, CONTRACTOR SHALL VERIFY AND MARK ALL UNDERGROUND UTILITY LOCATIONS.

CONCRETE
NO CONCRETE OR MASONRY WORK SHALL BE DONE DURING TEMPERATURES OF 40 DEGREES F. AND FALLING. NO CONCRETE SHALL BE PLACED ON FROZEN SURFACES. NO ADDITIVES SHALL BE ALLOWED WITHOUT WRITTEN PERMISSION OF THE ARCHITECT ALL CONCRETE IS TO BE MIN. 3,000 P.S.I. AT 28 DAYS & 3,500 PSI FOR GARAGE SLAB. PROVIDE ALL SLEEVES AND FOUNDATION VENTS AS REQUIRED BY LOCAL CODES. UNLESS INDICATED, ALL FOUNDATION FOOTINGS ARE TO BE A MIN. 8" DEEP PROJECTING 6" ON EACH SIDE OF THE FOUNDATION WALL. PROVIDE TWO #4 DEFORMED BARS CONTINUOUS IN THE FOOTING. ALL 4" THICK CONCRETE SLABS TO HAVE 6X6 10/10 WELDED WIRE REINFORCING. ANCHOR BOLTS IN CONCRETE SHALL BE HOOKED 5/8" X 12" AT MAX. 40" O.C. AND MAX. 12" FROM CORNERS. PROVIDE BITUMEN EXPANSION JOINTS BETWEEN SLABS AND FOUNDATION WALLS.

GARAGES
GARAGE SEPERATION SHALL COMPLY PER FTO-13 AND BE SEPARATED FROM RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 5/8" TYPE-X GYP. BD. APPLIED TO GARAGE SIDE. WHERE THE SEPERATION IS A FLOOR-CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPERATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 2 LAYERS OF 5/8" TYPE-X GYP. BD. OPENINGS BETWEEN GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1-3/8" IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1-3/8" THICK.
GARAGE APPLIANCES SHALL BE INSTALLED 18" ABOVE FLOOR ON A PLATFORM.
GARAGE FLOORS ARE TO BE SLOPED TOWARDS THE GARAGE DOOR TO FACILITATE THE MOVEMENT OF LIQUIDS.

ELECTRICAL
ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE, LOCAL, AND UTILITY COMPANY CODES AND REGULATIONS. ALL CIRCUITS SHALL BE MINIMUM 15 AMP. POWER WIRING SHALL BE MINIMUM 14 AWG. CONVENIENCE OUTLETS SHALL BE LOCATED 12" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED. ALL SWITCHED TO BE LOCATED 36" ABOVE THE FINISHED FLOOR UNLESS OTHERWISE INDICATED. SUPPLY RECOMMENDED LAMPS IN ALL FIXTURES.

FRAMING AND ROUGH CARPENTRY
JOISTS RAFTERS AND STUDS SHALL BE CONSTRUCTION GRADE DOUGLAS FIR #2 OR BETTER. ALL WOOD SILLS AND WOOD IN CONTACT WITH MASONRY SHALL BE ACQ TREATED. ALL METAL FASTENERS IN CONTACT WITH ACQ TREATED LUMBER TO BE DOUBLE HOT DIPPED GALVANIZED OR AS SPECIFIED BY MANUFACTURER. TERMITE SHIELDS AT SILL TO BE COPPER OR OTHER APPROVED NON CORROSIVE MATERIAL. ALL EXTERIOR SHEATHING SHALL BE 1/2 CDX DOUGLAS FIR PLYWOOD. SUB-FLOORS TO BE 3/4" CDX PLYWOOD. EXTERIOR SHEATHING TO BE COVERED WITH "TYVEK" HOUSE WRAP OR APPROVED EQUAL. BLOCK STUD WALLS AT 1/2 STORY HEIGHTS AND AT ALL UNSUPPORTED EDGES OF PLYWOOD. PROVIDE SOLID BLOCKING AND DIAGONAL BRACING OF FLOOR JOISTS AT 8' O.C. MAXIMUM AND SOLID BLOCKING UNDER ALL UNSUPPORTED EDGES OF PLYWOOD. ALL CAP PLATES TO BE DOUBLED AND NAILED BOTTOM CAP PLATED TO END OF STUDS. LAP CAP PLATES AT CORNERS. TOE NAIL JOISTS TO CAP OR BEAM WITH . WHERE FLUSH FRAMING OCCURS, USE MIN. 16GA SHEET METAL JOISTS HANGERS BY "SIMPSON" OR APPROVED EQUAL. ALL CORNERS TO BE MINIMUM 3/2X4 STUDS. HEADERS SHALL BE MINIMUM 2/2X6 UNLESS NOTED ON PLANS. MINIMUM BEARING FOR STUDS, JOISTS AND BEAMS SHALL BE 3 1/2". USE DOUBLE JACK STUDS FOR HEADERS OVER FIVE FEET IN LENGTH. FIRE BLOCKING SHALL BE PROVIDED IN THE FOLLOWING AREAS:
A) CONCEALED SPACES OF STUD WALLS AT FLOOR AND CEILING LEVELS
B) SOFFITS AND FURRED SPACES AT 10 FOOT LEVELS BOTH VERT. AND HORIZ.
C) ALL INTERCONNECTIONS BETWEEN CONCEALED HORIZONTAL AND VERTICAL SPACES WHICH OCCUR AT DROP SOFFITS, CEILINGS, AND COVE CEILINGS.
D) BETWEEN STAIR STRINGERS IN BOTTOM AND TOP OF RUN, AND BETWEEN STUDS ALONG AND IN LINE WITH THE STRINGERS.
E) OPENINGS AROUND DUCTS, PIPES, VENTS AND CHIMNEYS WITH NON-COMBUSTIBLE MATERIALS.

PLUMBING
CONTRACTOR SHALL INSTALL WATER SUPPLY AND SANITARY SYSTEM AS INDICATED AND AS PER THE NATIONAL STANDARD PLUMBING CODE. PROVIDE HOT AND COLD SHUT-OFF VALVES AT ALL FIXTURES. ALL WATER PIPING TO HAVE CLEANOUTS AT ALL CHANGES OF DIRECTION AND AT BASE OF VERTICAL WASTES. USE 4" CAST IRON THROAT FOUNDATION WALL PITCHED MIN. 1/8" PER FOOT. TRAP/WASTE SIZES FOR FIXTURES SHALL BE AS FOLLOWS:
DISH WASHER 1 1/2"
KITCHEN SINK 1 1/2"
LAVATORY 1 1/4"
SHOWER 2"
TOILET 3"/MATCH FIXTURE OUTLET
ALL SYSTEMS TO HAVE ONE 3" MAIN VENT STACK INCREASED TO 4" THROUGH THE ROOF. PROVIDE FROSTPROOF HOSE-BIBS AS INDICATED ON PLANS WITH EASILY ACCESSIBLE DRAIN DRAIN-COCKS. THE WATER SUPPLY AND SEWAGE DISPOSAL SYSTEM SHALL COMPLY TO THE APPLICABLE COUNTY DEPARTMENT OF HEALTH STANDARDS AND REGULATIONS. APPROVAL OF ALL PLUMBING MUST BE OBTAINED FROM APPROPRIATE LOCAL AUTHORITIES PRIOR TO CONCEALMENT. PRIOR TO ORDERING, CONTRACTOR SHALL SUPPLY CUTS OF FIXTURES FOR OWNERS APPROVAL. IN THE EVENT THAT THE OWNER REQUESTS CHANGES, THE CONTRACTOR SHALL CREDIT THE OWNER FOR THE FULL SUBCONTRACTORS COST FOR THE CHANGED UNIT.

INTERNATIONAL ENERGY CONSERVATION CODE
AIR LEAKAGE
-JOINTS, PENETRATIONS, AND ALL OTHER SUCH OPENINGS IN THE BUILDINGS ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE MUST BE SEALED.
-RECESSED LIGHTS MUST BE TYPE 1 C RATED AND INSTALLED WITH NO PENETRATIONS, OR TYPE 1 C OR NON-1 C RATED INSTALLED INSIDE AN APPROPRIATE AIR-TIGHT ASSEMBLY WITH 0.5" CLEARANCE FROM COMBUSTIBLE MATERIALS AND 3" CLEARANCE FROM INSULATION

VAPOR RETARDER:
-REQUIRED ON THE WARM-IN-WINTER SIDE OF ALL NON-VENTED FRAMED CEILINGS, WALLS, AND FLOORS.
MATERIALS IDENTIFICATION:
-MATERIALS AND EQUIPMENT MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
-MATERIALS AND EQUIPMENT MUST BE IDENTIFIED SO THAT THE COMPLIANCE CAN BE DETERMINED.
-MANUFACTURER MANUALS FOR ALL INSTALLED HEATING AND COOLING EQUIPMENT AND SERVICE WATER HEATING EQUIPMENT MUST BE PROVIDED.
-INSULATION R-VALUES AND GLAZING U-FACTORS MUST BE CLEARLY MARKED ON THE BUILDING PLANS OR SPECIFICATIONS.

TEMPERATURE CONTROLS:
-EACH DWELLING UNIT HAS AT LEAST ONE THERMOSTAT CAPABLE OF AUTOMATICALLY ADJUSTING THE SPACE TEMPERATURE SET POINT OF THE LARGEST ZONE.

STAIRS/GUARDS
STAIRWAYS SHALL BE NOT LESS THAN 36 INCHES IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT.
HEADROOM SHALL BE A MIN. OF 6 FEET 8 INCHES MEASURED VERTICALLY FROM THE SLOPED LINE ADJOINING THE TREAD NOSING.
STAIR RISER HEIGHT SHALL BE A MAXIMUM OF 8-1/4 INCHES. STAIR TREAD DEPTH SHALL BE A MIN. OF 9 INCHES. ALL TREADS AND RISERS ARE TO BE UNIFORM IN HEIGHT AND DEPTH.
STAIR PROFILES, STAIRS WITH A TREAD DEPTH OF LESS THAN 11 INCHES ARE REQUIRED TO HAVE A NOSING OF BETWEEN 3/4 AND 1-1/4 INCHES.
LANDINGS FOR STAIRS, THERE SHALL BE A LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY, AND BE A MIN. OF 36 INCHES MEASURED IN THE DIRECTION OF TRAVEL.
HANDRAILS SHALL BE COMPLY PER IRC R311.7.7. HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF STAIRS AND SHALL BE 30" - 38" IN HEIGHT MEASURED VERTICALLY FROM THE NOSING OF THE TREADS.
GUARDS SHALL BE PROVIDED ALONG OPEN-SIDED WALKING SURFACES THAT ARE LOCATED MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW. GUARDS SHALL BE NOT LESS THAN 36 INCHES IN HEIGHT.

WOOD FLOORING
WOOD FLOORING TO BE 2 1/4" WIDE BY 3/4" THICK CONSTRUCTION GRADE DOUGLAS FIR #2 OR BETTER. MINIMUM 2" IN LENGTH. FLOORING SHALL BE INSTALLED OVER CONSTRUCTION WEIGHT CRAFT PAPER. ALL BOARDS TO BE BLIND NAILED WITH 2" BARBED FASTENERS. ALL JOINTS TO BE TIGHT WITH BOARD EDGES FREE OF DEFORMITIES. ALLOW FOR PERIMETER EXPANSION AS RECOMMENDED BY WOOD FLOOR MANUFACTURER. PREPARATION AND FINISHING:
ALL PLANK FLOORING TO BE SANDED THREE TIMES; ONE COURSE CUT, ONE MEDIUM CUT, AND ONE FINE CUT. ALL SANDING TO BE UNIFORM, SWIRLS AND CROSS-MARKS ARE UNACCEPTABLE. TWO COATS OF STAIN, APPROVED BY THE ARCHITECT AND/OR OWNER SHALL BE APPLIED IN A UNIFORM MANNER. FLOORING SHALL BE SEALED WITH TWO COATS OF NON-YELLOWING POLYURETHANE AS MANUFACTURED BY MCKLUSKY'S HEIRLOOM SERIES, EGGSHELL FINISH OR APPROVED EQUAL.

PAINTING AND STAINING
THE FOLLOWING IS INCLUDED FOR THE CONVENIENCE OF THE PAINTING CONTRACTORS AND ONLY AS AN INDICATION OT THE TYPES OF PAINTS REQUIRED FOR VARIOUS SURFACES. IT IS THE INTENT OF THESE SPECIFICATIONS TO PROVIDE A COMPLETE FINISH. ALL PAINTED SURFACES MUST BE FULLY COVERED IN A UNIFORM MANNER TO BE ACCEPTABLE.
INTERIOR WOOD SURFACES-APPLY TO LIGHTLY SANDED SURFACES, WALLS, DOORS, FRAMES, TRIM, AND BASES, ONE COAT WOOD FILLER OR STAIN AND TWO COATS MCKLUSKY'S EGGSHELL FINISH NON-YELLOWING POLYURETHANE.
GYPSUM BOARD- MINIMUM ONE COAT PRIMER AND TWO COATS FLAT PAINT.
EXTERIOR WOOD SURFACES- TWO COATS EXTERIOR GRADE STAIN.
EXTERIOR EXPOSED METAL- MINIMUM ONE COAT ZINC CHROMATE AND TWO COATS EXTERIOR ENAMEL.
ALL MATERIAL SHALL BE OF BEST QUALITY PITTSBURGH, PRATT & LAMBERT, DUTCH BOY. CABOTS, MCKLUSKY'S, OR APPROVED EQUAL. CONTRACTOR IS TO PROVIDE SAMPLES OF ALL PAINTS AND STAINS FOR ARCHITECT'S AND/OR OWNERS APPROVAL.

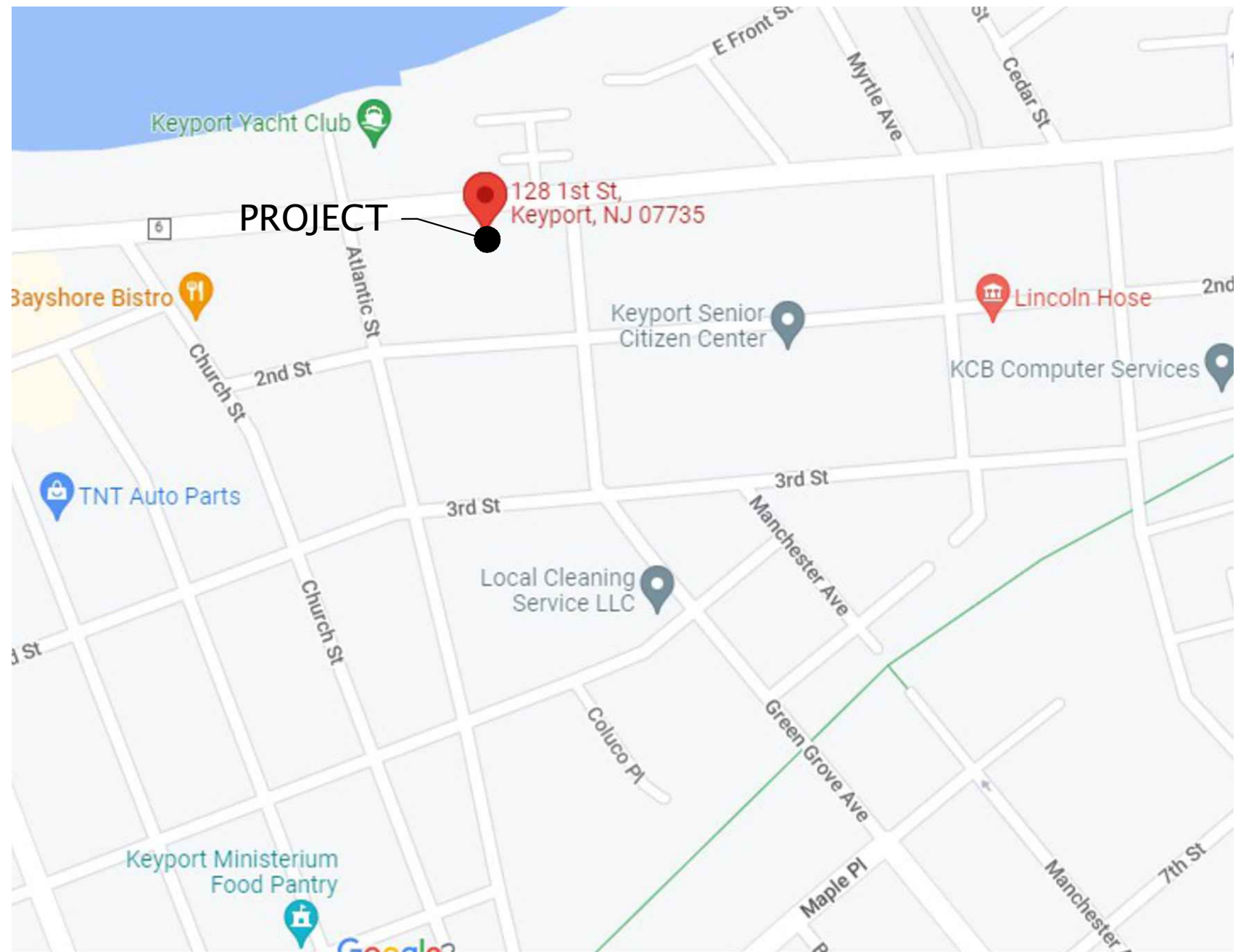
GYPSUM WALL BOARD
INSTALLED AS PER SECTION R702.3 OF THE INTERNATIONAL RESIDENTIAL CODE. GYPSUM WALLBOARD APPLICATION SHALL BE TAPE JOINT SYSTEM. ALL GYPSUM BOARD TO BE 1/2" ON WALLS AND 1/2" ON CEILINGS UNLESS OTHERWISE INDICATED. FINISH JOINTS, J-BEADS, NAIL DIMPLES, CORNERS AND EDGES SHALL BE TAPED AND RECEIVE THREE COATS OF JOINT COMPOUND. ALLOW 24 HOURS TO DRY BETWEEN COATS. FINAL COAT TO BE SANDED SMOOTH. METAL CORNER BEAD TO BE USED ON ALL OUTSIDE CORNERS AND AROUND ALL OPENINGS.
ALL BATHROOMS SHALL BE PROVIDED WITH MOISTURE RESISTANT GYPSUM BOARD.
ALL TUBS & SHOWER ENCLOSURES TO RECEIVE TILE SHALL BE PROVIDED WITH CEMENT BACKER BOARD OR APPROVED EQUAL.

GLASS WINDOWS AND DOORS
TO BE INSTALLED AS PER THE INTERNATIONAL RESIDENTIAL CODE. ALL GLASS IS TO BE INSULATED LOW-E UNLESS OTHERWISE SPECIFIED. GLASS SUBCONTRACTOR SHALL NOT INSTALL GLASS UNTIL PROPER CLEARANCES ARE PROVIDED. ALL SLIDING GLASS DOORS, SKYLIGHTS AND/OR WINDOWS AS REQUIRED BY CODE, SHALL BE INSULATED TEMPERED GLASS. ALL GLASS DOORS AND WINDOWS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. ALL WINDOWS ARE TO BE CAULKED AND SEALED AS PER IECC ENERGY REQUIREMENTS. PROVIDE FLASHING PANS UNDER ALL SLIDER, DOORS, AND WINDOWS WITHIN A 6" OF AN EXTERIOR SURFACE. ALL EXTERIOR DOORS ARE TO BE FULLY WEATHER-STRIPPED. PROVIDE ALL SCREENS AND HARDWARE AS REQUIRED. ALL GLASS IS TO BE FREE OF SCRATCHES AND IMPERFECTIONS AND GUARANTEED BY THE MANUFACTURER FOR A PERIOD OF NO LESS THAN 5 YEARS. ALL WINDOWS TO BE ANDERSEN UNLESS INDICATED OTHERWISE. WINDOWS USED FOR RESCUE OR ESCAPE SHALL HAVE A MIN. NET CLEAR OPENABLE AREA OF 5.7 SQ. FT. MIN. WIDTH = 20 INCHES MIN. HEIGHT = 24 INCHES/ WINDOW SILL HEIGHT = MAX 44 INCHES
SAFETY GLASS SHALL BE PER IRC R308.4 AND PROVIDED WHERE GLASS IS LOCATED IN HAZARDOUS AREAS AND ALL GLASS WITHIN 18' OF FLOOR.
EXCEPTIONS:
1) DOORS AND ENCLOSURES FOR BATHTUBS AND SHOWERS AND IN ANY PORTION OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A STANDING SURFACE AND DRAINAGE.
2) FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
ROOMS THAT ARE HABITABLE SHALL BE PROVIDED WITH A GLAZING AREA NOT LESS THAN 8% WITH A MINIMUM OPENABLE AREA TO EXTERIOR OF 4% BASED ON THE FLOOR AREA BEING VENTILATED PER IRC R303.1 AND R303.2.

ASPHALT ROOF SHINGLES
INSTALLED AS PER SECTION R905.2 OF THE INTERNATIONAL RESIDENTIAL CODE. ALL SLOPED ROOF SHINGLES SHALL BE GAF-CLASS-A ASPHALT ROOF SHINGLES OR APPROVED EQUAL. SHINGLES SHALL BE APPLIED OVER 15# ASPHALT FELT WITH GAF-WEATHER-WATCH ICE AND WATER BARRIER APPLIES AT EAVES, VALLEYS AND FLASHING. ROOFING CONTRACTOR TO PROVIDE ALL FLASHING. NECESSARY FOR A WATER-TIGHT, WEATHERPROOF JOB. ROOFING IS TO BE APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURES SPECIFICATIONS. CONTRACTOR SHALL SUPPLY COLOR SAMPLES OF THE SHINGLES FOR OWNERS' APPROVAL, PRIOR TO INSTALLATION.

INSULATION
ALL EXTERIOR WALLS AND ROOFS SHALL BE INSULATED WITH KRAFT FACED FIBERGLASS BATT INSULATION BY JOHN MANVILLE OR APPROVED EQUAL. KRAFT TO BE PLACED TOWARD WARM SIDE. PROVIDE 1-1/2" RIGID FOAM INSULATION ON ALL EXTERIOR FOUNDATION WALLS FROM FINISHING TO 6" BELOW FINISHED GRADE UNLESS OTHERWISE SPECIFIED. CARE SHOULD BE TAKEN NOT TO DAMAGE FOUNDATION WATERPROOFING.

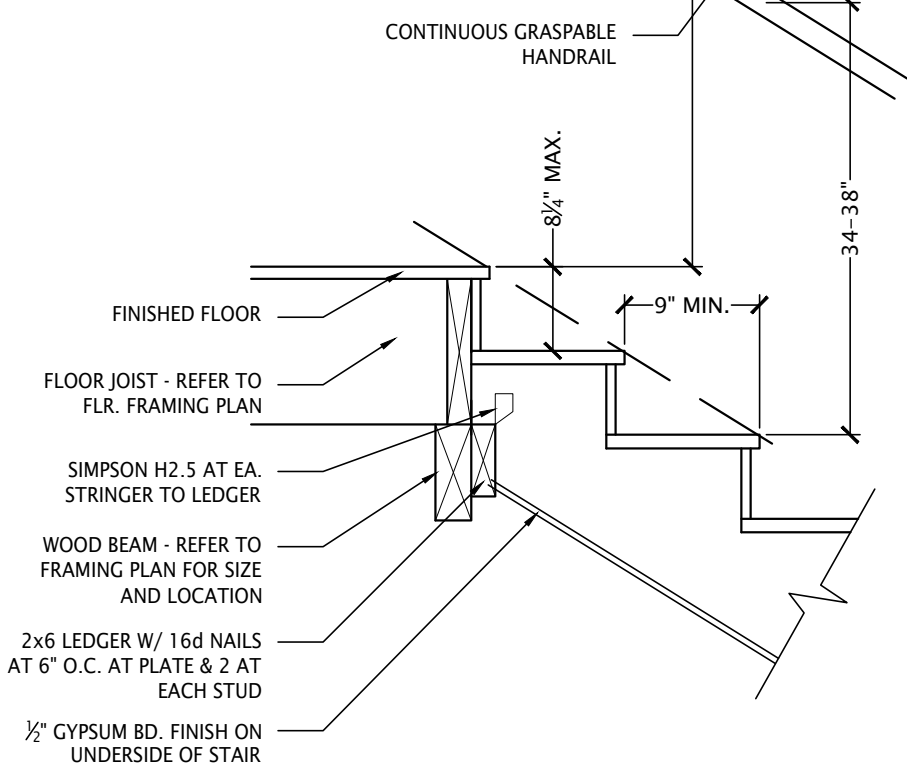
ADDITION & ALTERATION TO 128 FIRST STREET KEYPORT, NJ 07035



NOTE:
MINIMUM HEADROOM TO BE 6'-8"
ABOVE STAIR NOSING

NOTE:
ALL TREADS AND RISERS ARE TO BE
UNIFORM IN HEIGHT AND DEPTH

NOTE:
ON STAIRS WITH SOLID RISERS, IF
TREAD DEPTH IS LESS THEN 11" THEN
A NOSING IS REQUIRED ON THE
FRONT OF THE TREADS, $\frac{3}{8}$ " TO $\frac{1}{2}$ ".

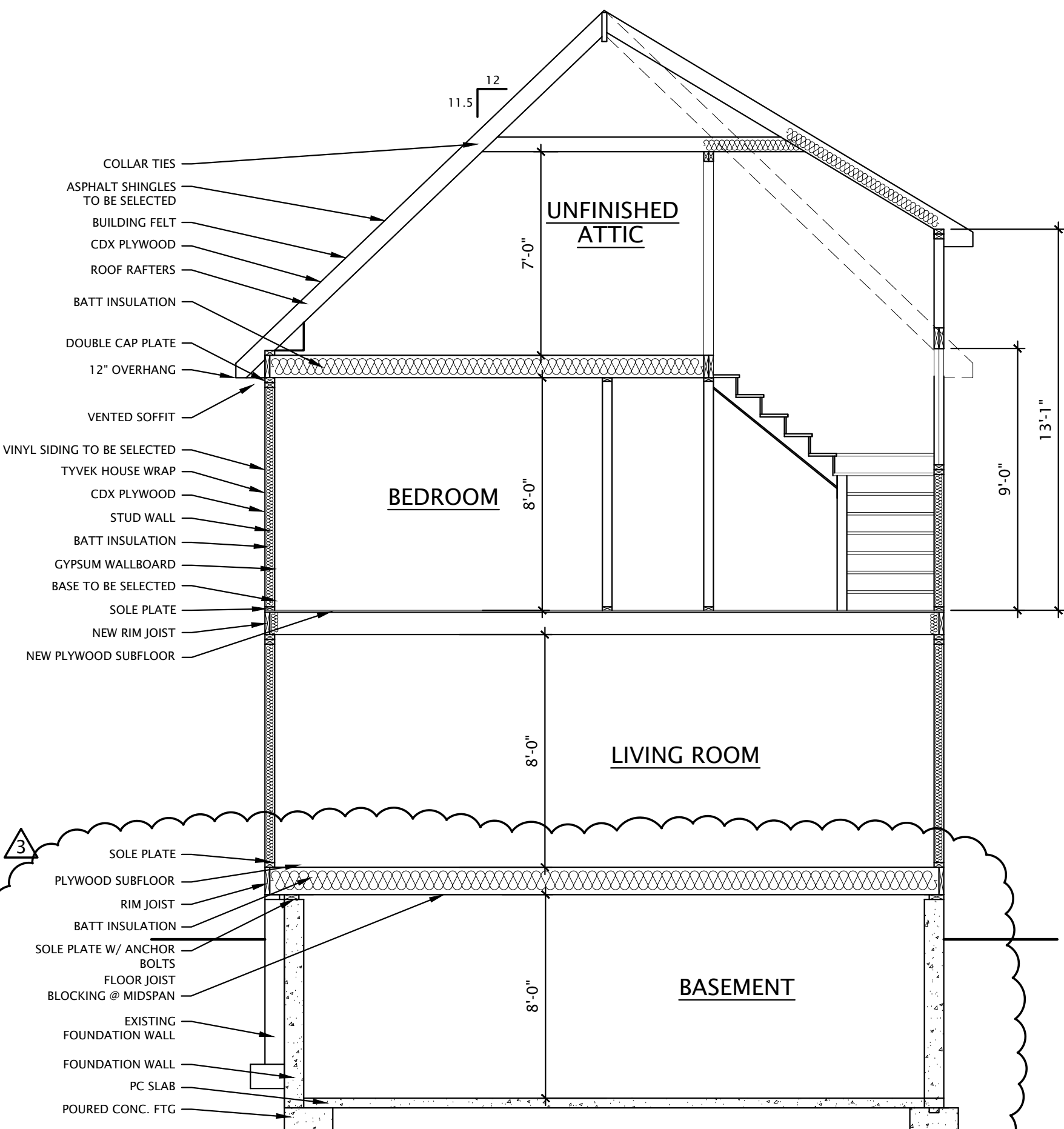


STAIR DETAIL

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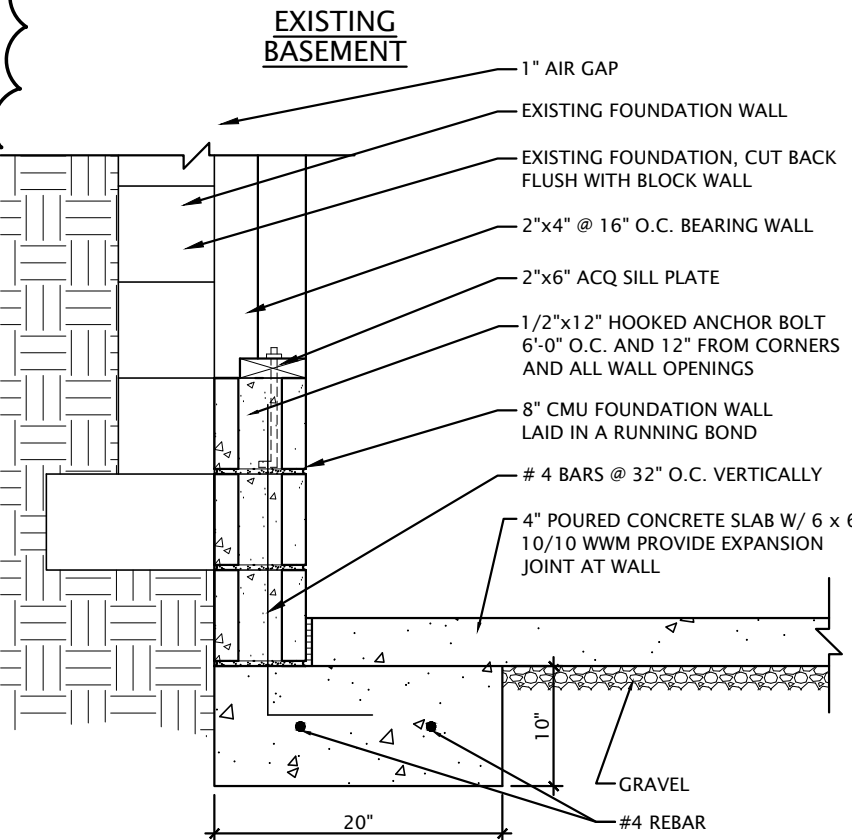
NOTES:

1. ALL WORK TO BE DONE IN ACCORDANCE WITH NEW JERSEY UNIFORM CONSTRUCTION CODE.
2. CONTRACTOR TO INSPECT AND VERIFY ALL SITE CONDITIONS.
3. ALL FOOTINGS TO BEAR ON VIRGIN SOIL.
4. SOIL BEARING CAPACITY ASSUMED TO BE TWO (2) TONS. IF SOIL ENCOUNTERED IS LESS NOTIFY ARCHITECT.
5. ALL BELOW GRADE BLOCK IS TO BE HOLLOW CORE LOAD BEARING TYPE FOR BELOW GRADE CONSTRUCTION.
6. STEPPED FOOTINGS WHERE NECESSARY SHALL BE STEPPED AT A RATIO OF ONE VERTICAL BLOCK FOR EVERY TWO HORIZONTAL BLOCKS (MINIMUM).
7. CONCRETE SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 3000 PSI UNLESS OTHERWISE NOTED.
8. DUR.-O.-WALL TRUSS- TYPE REINFORCING TO BE USED EVERY OTHER BLOCK COURSE (BELOW GRADE).
9. ALL FRAMING LUMBER TO BE NO.2 DOUGLAS FIR OR SOUTHERN PINE MINIMUM Fb = 1250 PSI.
10. PROVIDE DOUBLE JOISTS UNDER ALL PARTITIONS PARALLEL TO JOISTS. ALL FLOOR AND ROOF OPENINGS TO BE BOXED WITH DOUBLE JOISTS HEADERS.
11. ALL NAILING TO BE DONE IN ACCORDANCE WITH IRC TABLE R602.3(1).
12. ELECTRICAL LAYOUT IS SCHEMATIC AND SHALL BE INSTALLED AS PER N.J.A.C. 523-316.
13. PLUMBING TO BE INSTALLED AS PER N.J.A.C. 523-315.
14. THESE PLANS COMPLY WITH NEW JERSEY ENERGY SUB-CODE.
15. CONTRACTOR TO VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS.
16. PROVIDE STEEL LINTELS OVER ALL BRICK OPENINGS (WHERE REQUIRED) LINTELS TO BE $3\frac{1}{2}$ " X $3\frac{1}{2}$ " X $\frac{1}{4}$ " UNLESS OTHERWISE NOTED.
17. ALL WOOD TO BE USED FOR EXTERIOR DECKING TO BE PRESSURE-TREATED
18. CONTRACTOR IS TO BE RESPONSIBLE FOR GETTING ALL REQUIRED BUILDING PERMITS, FEES AND INSPECTIONS
19. SMOKE DETECTORS TO BE HARDWIRED SO THAT IF ONE DETECTOR SIGNALS ALL WILL SIGNAL. ALL DETECTORS TO HAVE BATTERY BACK-UP SYSTEM.
20. IF FUEL- BURNING APPLIANCES ARE TO BE USED PROVIDE EITHER HARDWIRED OR PLUG-IN TYPE CARBON MONOXIDE DETECTOR IN IMMEDIATE VICINITY OF THE SLEEPING ROOMS.
21. ALL HEADERS ABOVE OPENING ARE TO BE (2) 2" X 10" UNLESS OTHERWISE NOTED.
22. PROVIDE CEMENT FIBER-CEMENT OR GLASS MAT GYPSUM BACKERS IN TUB/SHOWER AREAS.
23. CONTRACTOR TO PROVIDE WALLS AND CEILINGS WITH GYP BOARD AND 3 COATS SANDED JOINT COMPOUND.
24. ALL METAL HANGERS AND ANCHOR BOLTS ATTACHED TO PRESSURE-TREATED LUMBER TO BE HOT-DIPPED GALVANIZED (G-185 MINIMUM).
25. FIREPLACES TO DRAW COMBUSTION AIR FROM EXTERIOR.
26. ALL EXPOSED WALLS TO BE INSULATED WITH R-15 INSULATION.
27. ALL EXPOSED ROOF/CEILING AREA AT THE ATTIC TO INSULATED WITH R-38, OR THE MOST THAT THE JOIST/RAFTER WILL ALLOW. (PROVIDE BAFFLES ON SLOPED CEILINGS TO MAINTAIN AIR CIRCULATION AGAINST THE ROOF.
28. ALL BEDROOM CLOSETS TO BE PROVIDED WITH ROD & SHELF, ALL LINEN CLOSETS TO BE PROVIDED WITH 5 ROWS OF SHELVES.



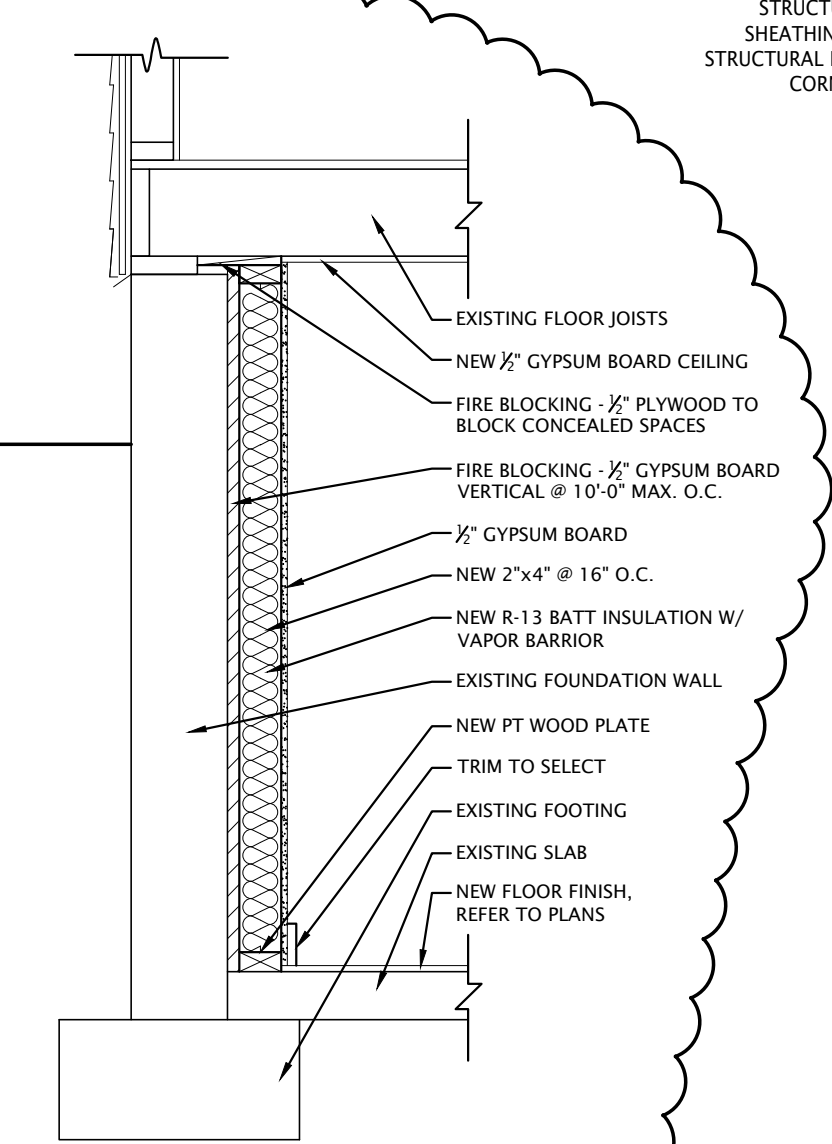
WALL SECTION

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WALL DETAIL

SCALE = $\frac{3}{4}$ "=1'-0"

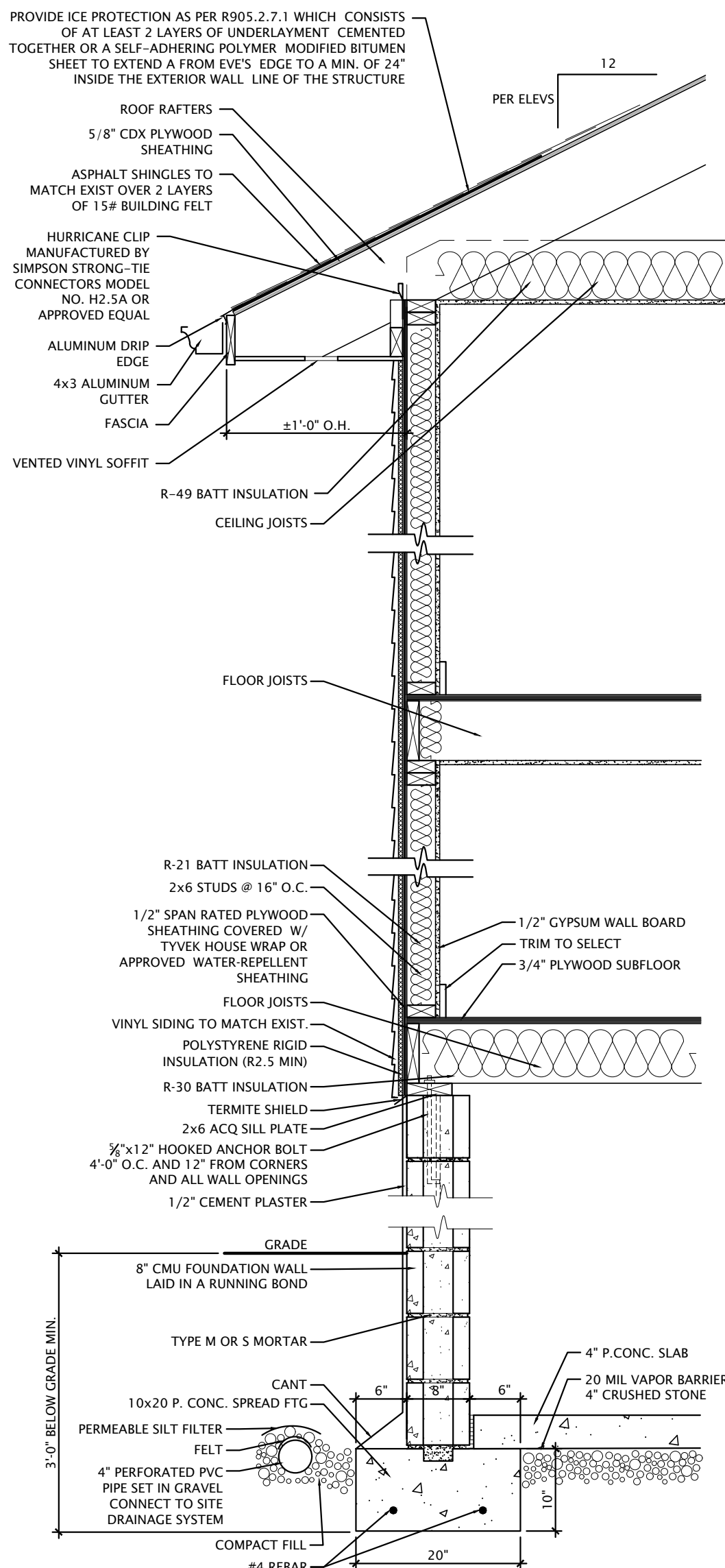


WALL DETAIL

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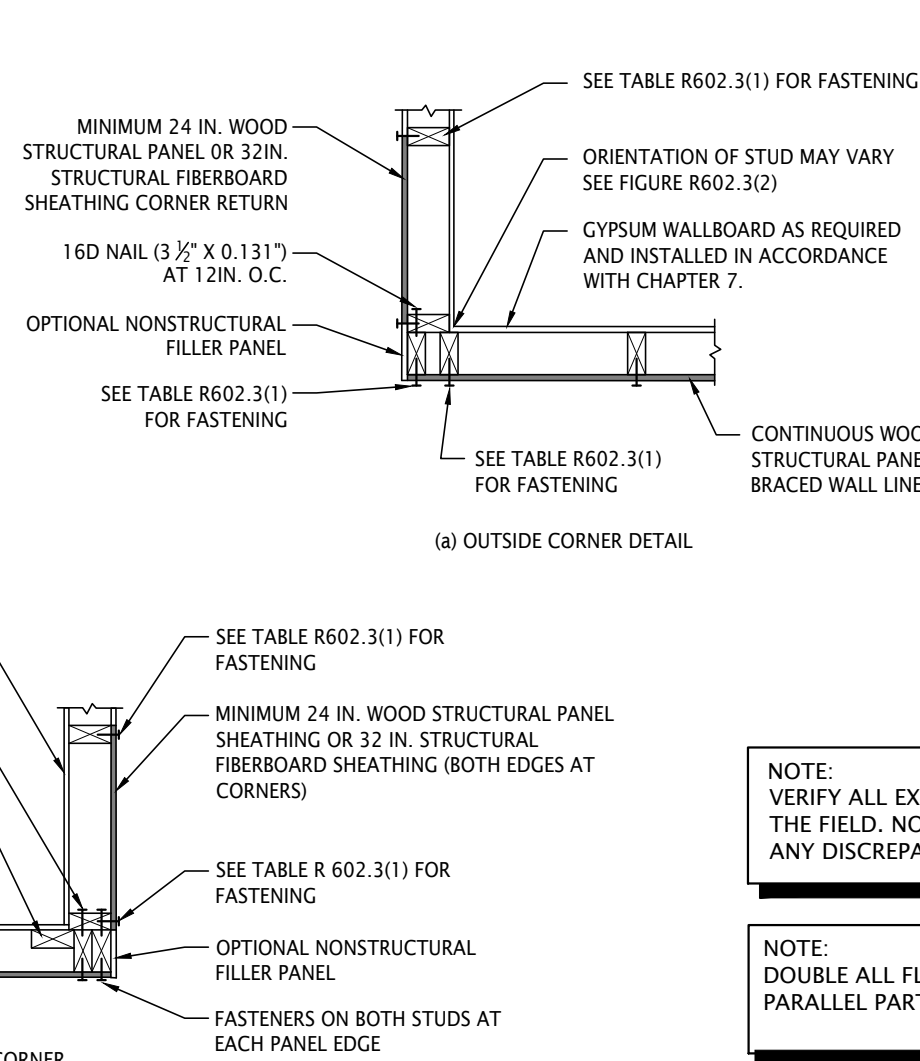
WALL BRACING NOTES:

TYPICAL WALL BRACING METHOD SHALL BE WSP (WOOD STRUCTURAL PANELS).
NAILING REQUIREMENTS: 6d COMMON (2.0"x0.113); PENETRATION OF 1.5"; PANEL RATING OF 24/0, MIN. PANEL THICKNESS OF $\frac{3}{8}$ ". MAX. WALL STUD SPACING OF 16" O.C., PANEL NAIL SPACING OF 6" O.C. AT EDGES, AND 12" O.C. IN THE FIELD.



WALL DETAIL

SCALE = $\frac{3}{4}$ "=1'-0"



CONNECTION OF MULTIPLE PIECES OF TOP-LOADED BEAMS

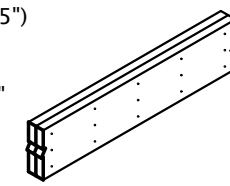
1 1/4" WIDTH PIECES:

- MINIMUM OF 2 ROWS 16d (3/7") NAILS AT 12" O.C.
- MINIMUM OF 3 ROWS 16d (3/7") NAILS AT 12" O.C. FOR 14" AND DEEPER BEAMS
- NAILED CONNECTIONS REQUIRE AN ADDITIONAL ROW OF NAILS WHEN NAIL SIZE IS SMALLER THAN SPECIFIED ABOVE (MINIMUM 0.131" X 3.25")

3/4" WIDTH PIECES:

- MINIMUM OF 2 ROWS 1/2" BOLTS AT 24" O.C. STAGGERED

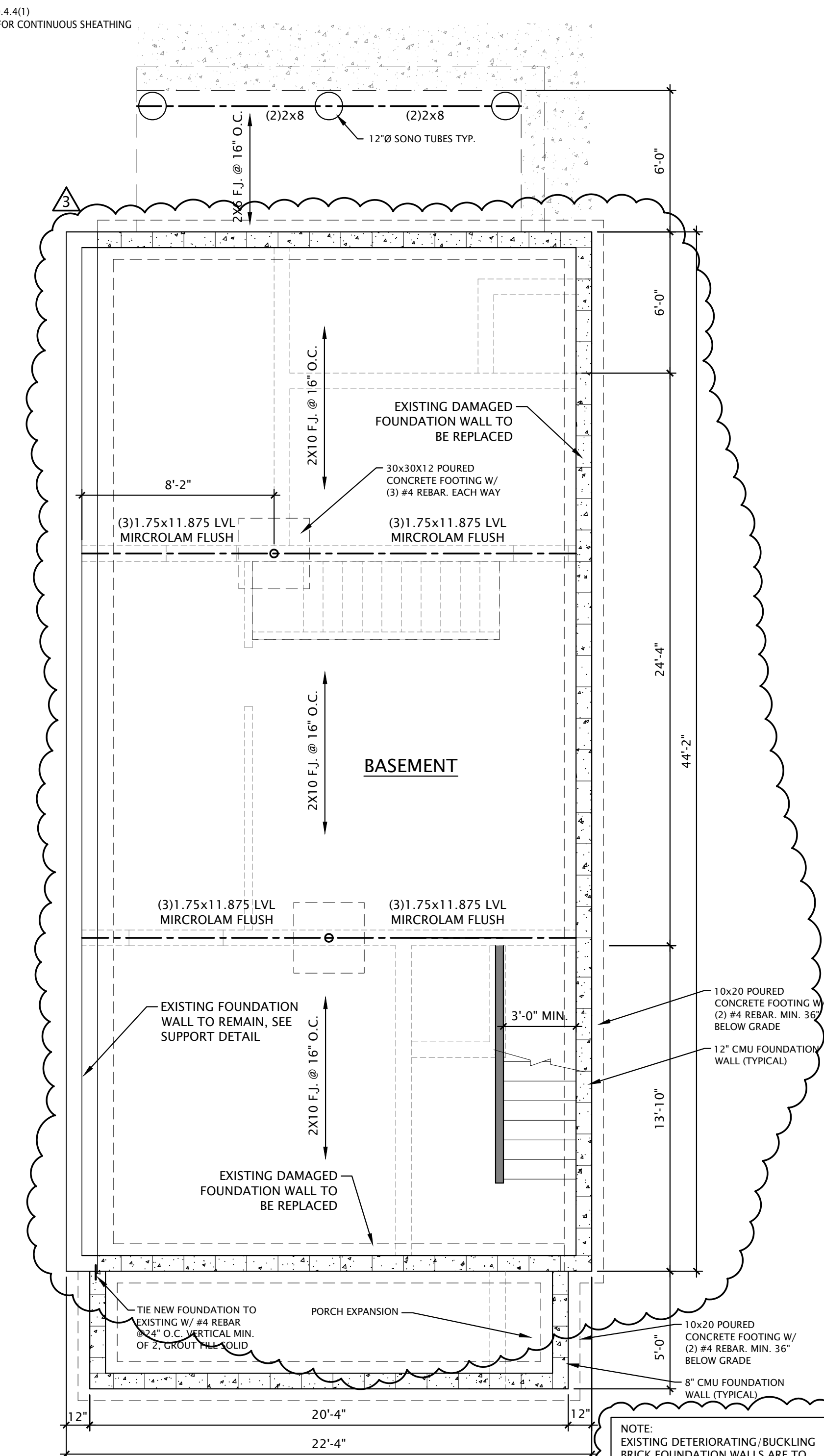
ADDITIONAL NAILING OR BOLTING MAY BE REQUIRED WITH SIDE-LOADED MULTIPLE MEMBER BEAMS. REFER TO CURRENT PRODUCT LITERATURE.



NOTE:
VERIFY ALL EXISTING STRUCTURE IN THE FIELD. NOTIFY ARCHITECT OF ANY DISCREPANCIES.

NOTE:
DOUBLE ALL FLOOR JOISTS UNDER PARALLEL PARTITION WALLS ABOVE

NOTE:
CONTRACTOR TO COORDINATE FINAL WINDOW & DOOR SIZE AND STYLE SELECTION WITH OWNER AND FIELD VERIFY OPENING SIZES PRIOR TO ORDERING



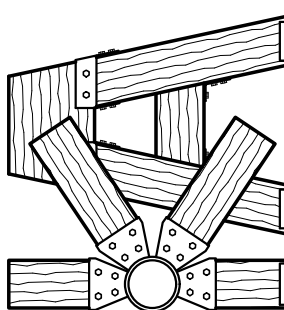
NOTE:
EXISTING DETERIORATING/BUCKLING BRICK FOUNDATION WALLS ARE TO BE REPLACED IN EXACT SAME LOCATION AS EXISTING FOUNDATION WALLS. NO EXPANSION OUTSIDE OF APPROVED WALL LOCATIONS IS PROPOSED. LEFT SIDE HOUSE WALL TO BE REINFORCED IN PLACE TO MAINTAIN SETBACK CONCERNS.

FOUNDATION PLAN

SCALE = $\frac{1}{4}$ "=1'-0"

ADDITION & ALTERATION TO:
128 FIRST STREET
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FOUNDATION PLAN NOTES & DETAILS

09/23/23 - BOARD SUBMITTAL
08/28/23 - FIELD CHANGES
09/30/23 - BLDG DEPT SUBM.

DATE: 01/08/23

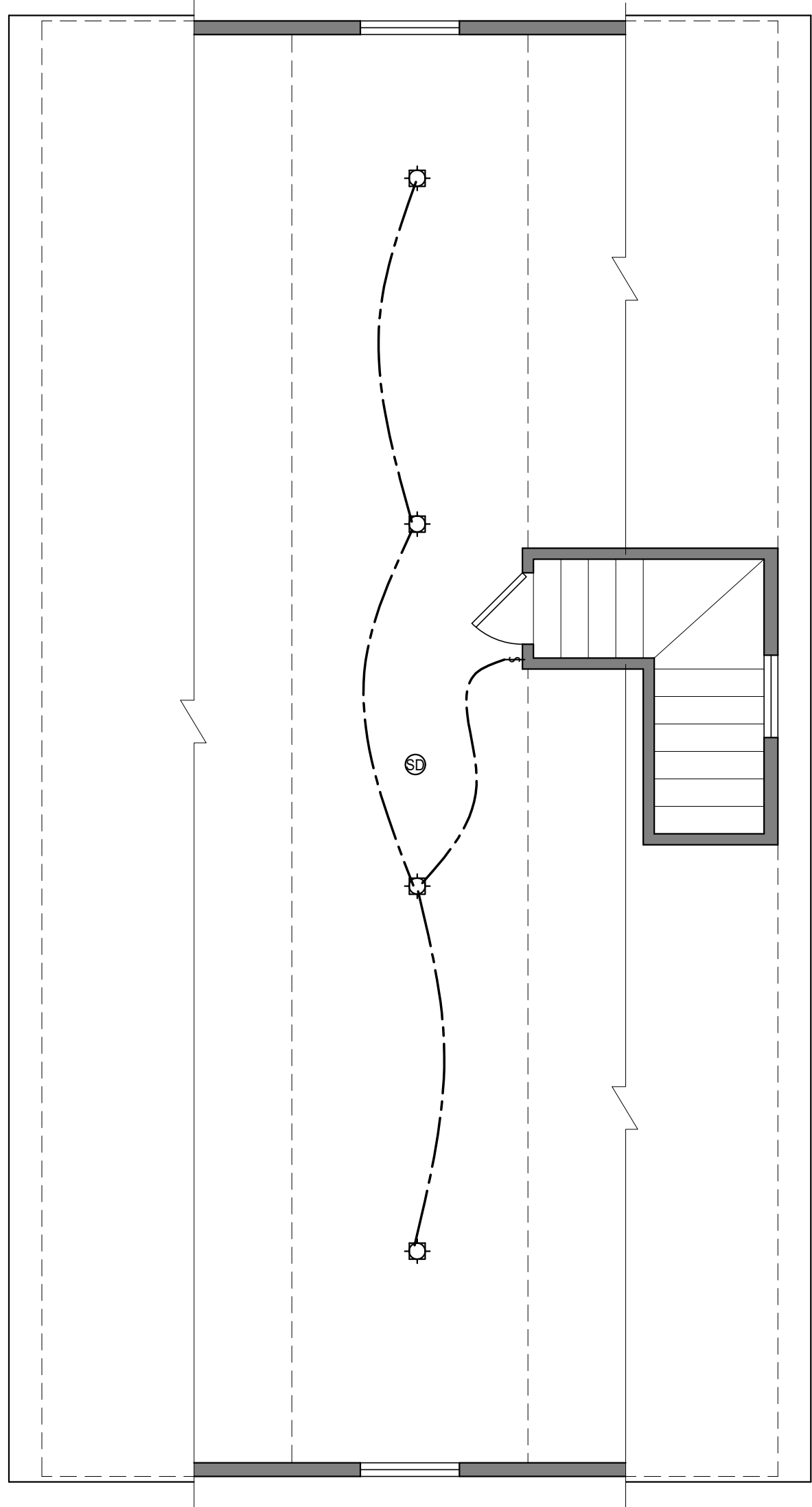
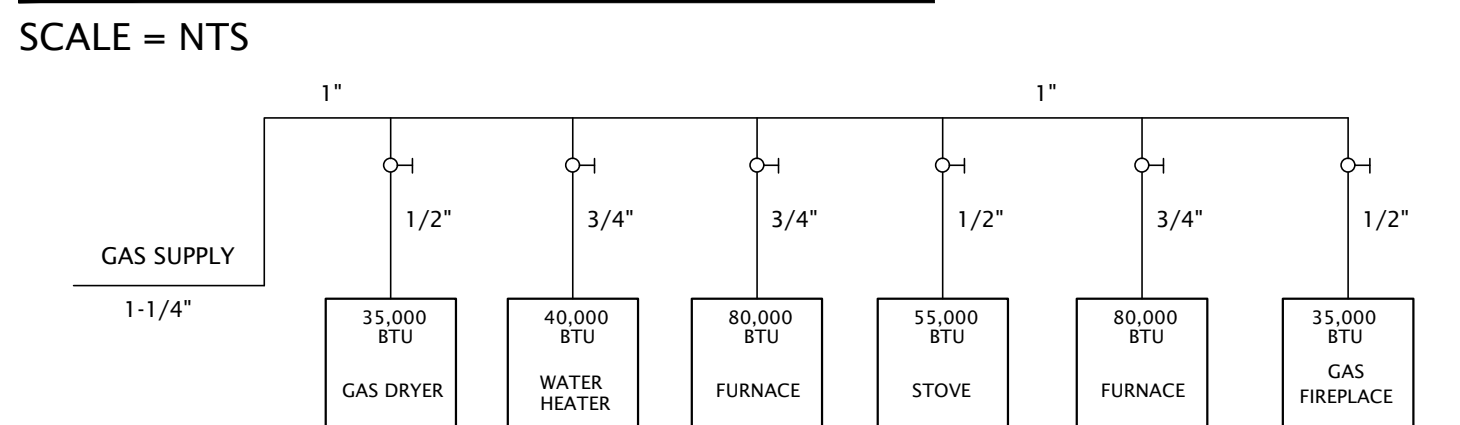
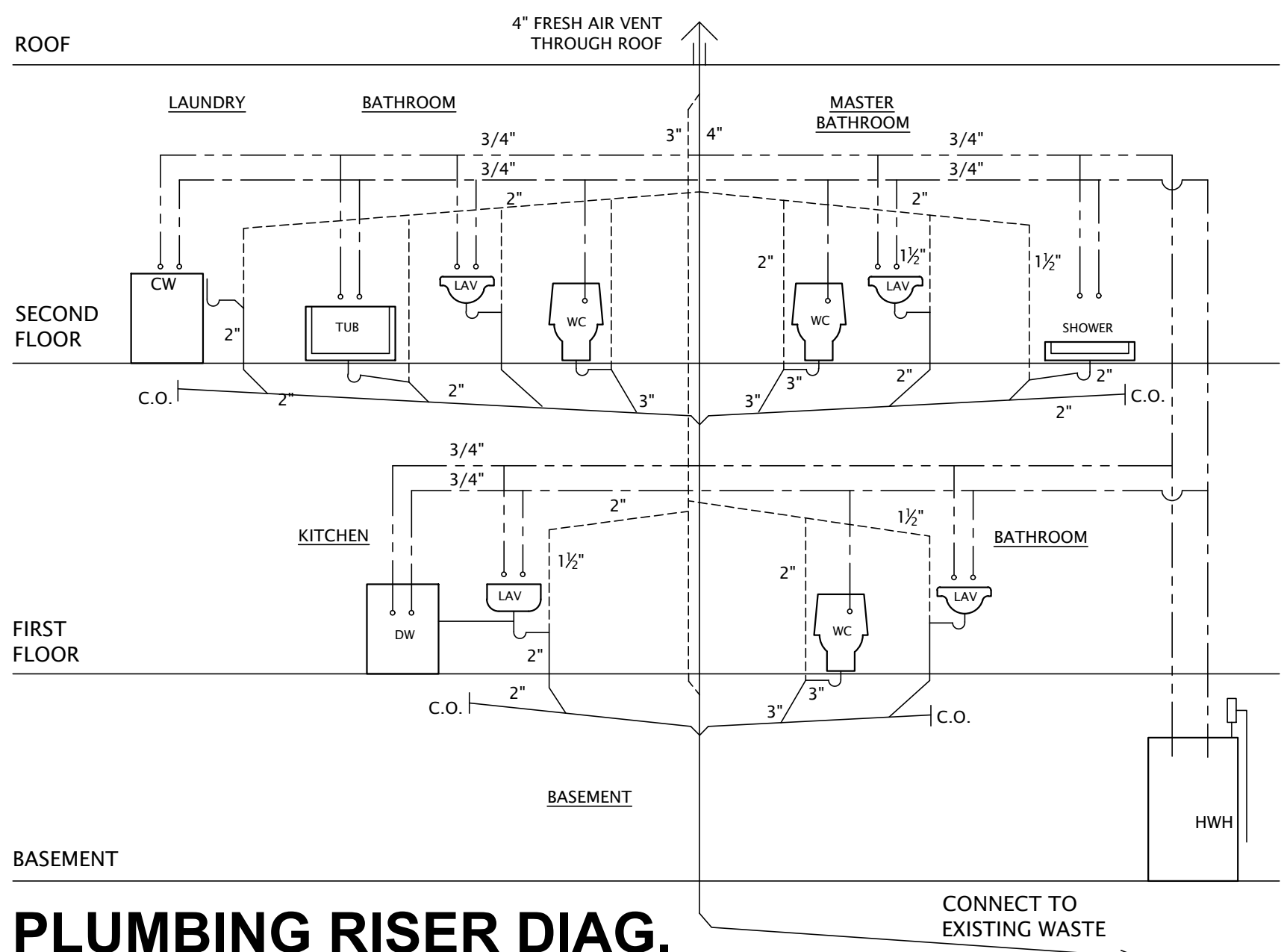
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LIGHTING LEGEND

LIGHTING INDEX:			
	4" RECESSED FIXTURE (75W MAX)		SINGLE POLE SWITCH
	6" RECESSED FIXTURE (100W MAX)		3 WAY SWITCH
	2" RECESSED FIXTURE (20W MAX)		4 WAY SWITCH
	4" WALL WASHER (EYE BALL) (75W MAX)		REMOTE CONTROL SWITCH
	6" WALL WASHER (EYE BALL) (100W MAX)		TIMER SWITCH
	PULL CHAIN		DIMMER SWITCH
	LANDSCAPE FIXTURE (FIXTURE SELECTED BY OWNER)		HINGE LIGHT SWITCH
	RECESSED CABINET LIGHT (20W MAX)		JUNCTION BOX
	RECESSED FIXTURE - WET LOCATIONS (50W MAX)		RECESSED FAN
	WALL MOUNT UPLIGHT (100W MAX)		FLOOD LIGHT (100W MAX)
	WALL MOUNT LIGHT (100W MAX)		STANDARD CEILING LIGHT (100W MAX)
	PENDANT LIGHT (200W MAX)		HEAT/FAN/LIGHT COMBINATION (100W MAX)
	CHANDELIER (200W MAX)		
	ROPE LIGHTING		
	TRACK LIGHTING		UNDER-COUNTER LIGHTS (20W MAX)
	BATH BAR		LOW LEVEL LIGHTING (20W MAX)
	24" X 24" LED LIGHT FIXTURE		2 STRIP - 8'-0" FLORESCENT LIGHT FIXTURE
	SOLAR TUBE		SKYLIGHT
	FAN		FAN W/ LIGHT

NOTE:
CONFIRM ALL LIGHT FIXTURE SELECTIONS AND LAYOUT WITH OWNER.

NOTE:
VERIFY ALL CONSTRUCTION DOCUMENTS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.

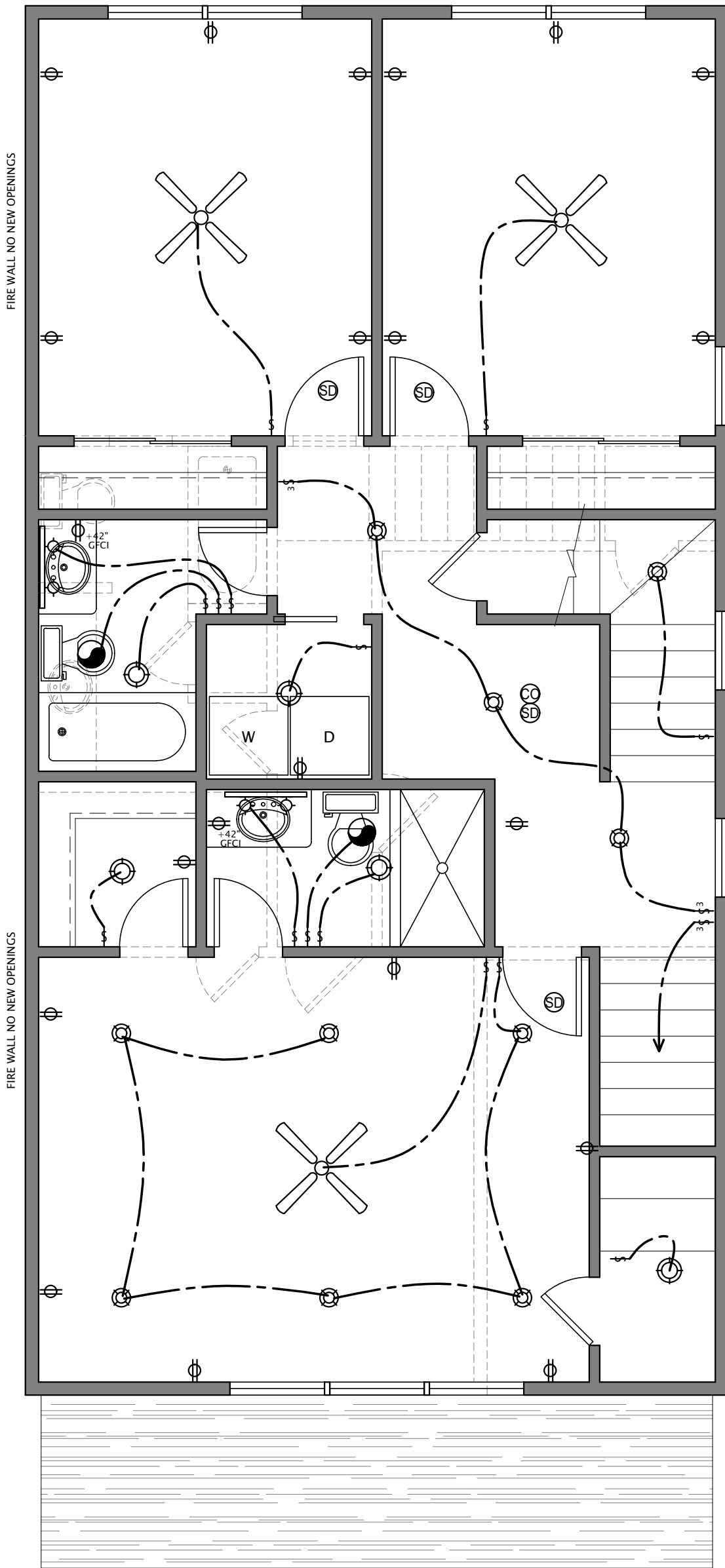
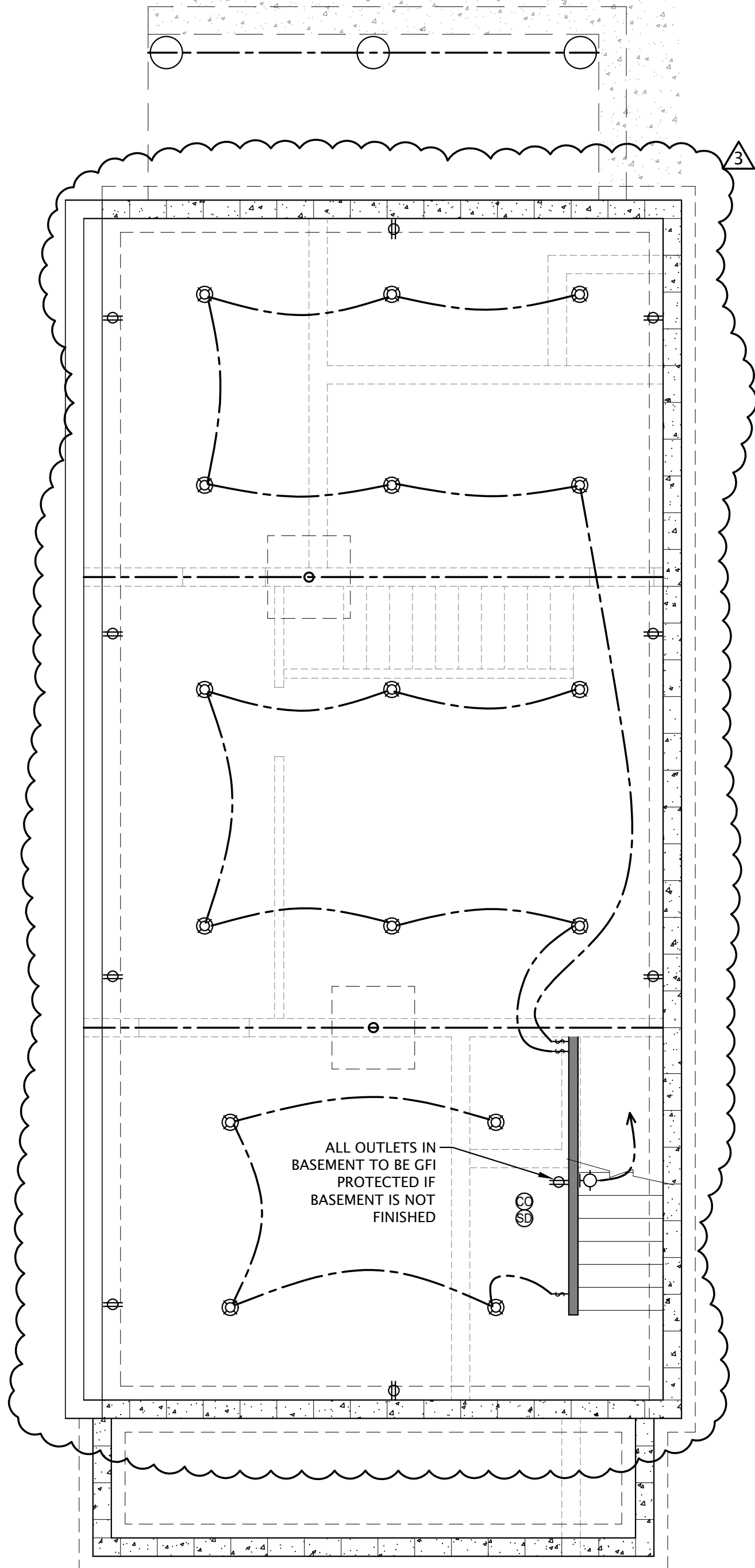
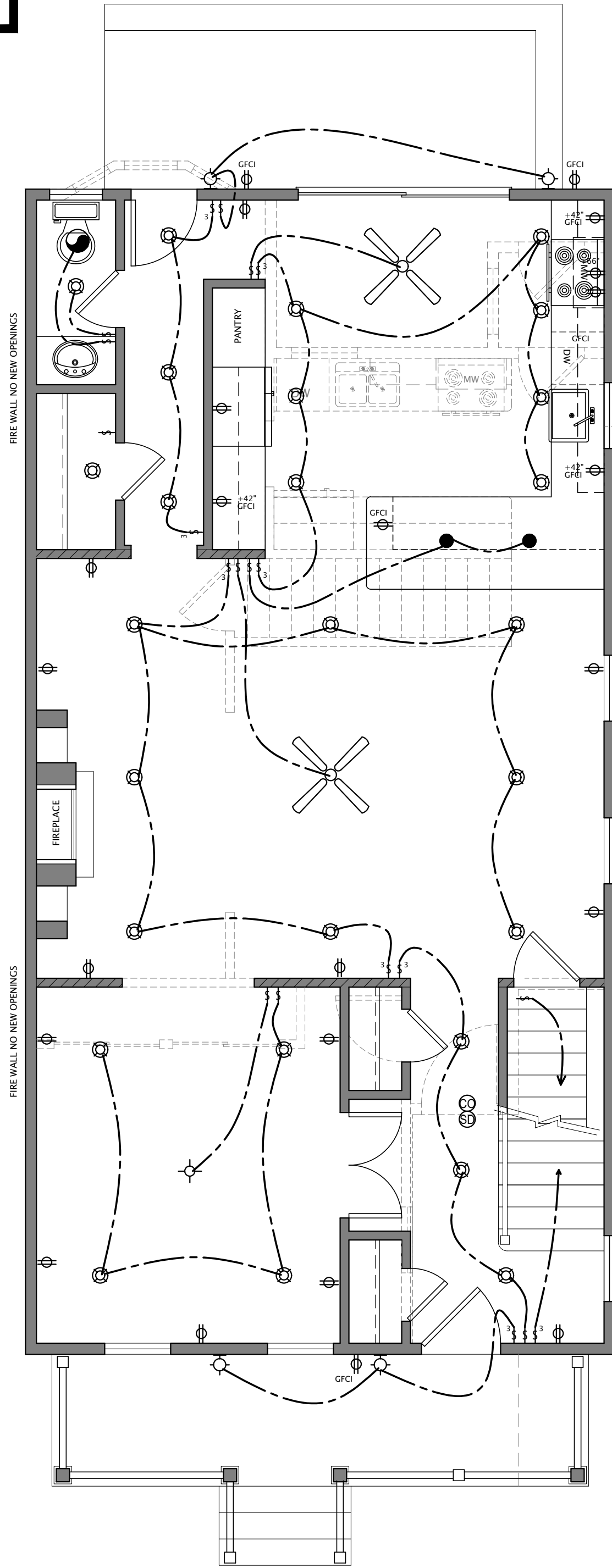
NOTE:
ONLY NEW ELECTRIC WORK IS SHOWN. EXISTING TO REMAIN IS NOT INDICATED.

NOTE:
SMOKE DETECTORS ARE TO BE LOCATED NO LESS THEN 3 FEET FROM BATHROOM DOORS AND HVAC SUPPLY AND RETURN DUCTS

NOTE:
ALL HVAC SUPPLY DUCTWORK IN UNCONDITIONED ATTIC SPACES TO BE R-8 MIN., RETURN DUCTS TO BE R-8 MIN..

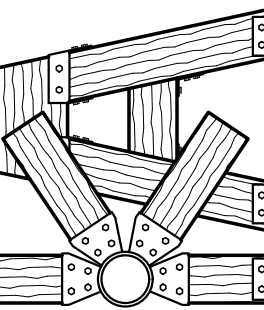
POWER LEGEND

POWER INDEX:			
	DUPLEX OUTLET		CENTRAL VACUUM DRAW
	220 VOLTAGE RECEPTACLE		INFRARED SENSOR
	SPLIT WIRED RECEPTACLE		CAT 5 CABLE HOOK UP
	4-PLEX OUTLET		THERMOSTAT
	FLOOR MOUNTED OUTLET		PANEL BOARD
	UNDER-COUNTER (UNLESS NOTED OTHERWISE)		SPECIAL DUTY OUTLET
	GROUND FAULT CIRCUIT INTERRUPTER		JUNCTION BOX
	WATER PROOF GROUND FAULT RECEPTACLE		UTILITY METER
	PHOTOCELL LIGHT		LOW VOLTAGE WIRING
	TELEPHONE JACK		MAIN DISCONNECT SWITCH
	AUDIO		TRANSFORMER
	CARBON MONOXIDE DETECTOR - HARD WIRED		AUTOMATIC DOOR OPENER
	SMOKE DETECTOR - HARD WIRED INT. CON.		DOOR BELL
	DOOR BELL CHIMES		PUSH BUTTON
	VACUUM PORTS (CENTRAL VACUUM)		1" CONDUIT TO MEDIA CLOSET. SEPARATE DISTINCT CONDUIT AT EACH NOTED AREA.
	TELEVISION COAX RECEPTACLE		



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ELECTRIC PLANS

08/28/23 - FIELD CHANGES
06/30/23 - BLDG DEPT SUBM

DATE: 01/08/23

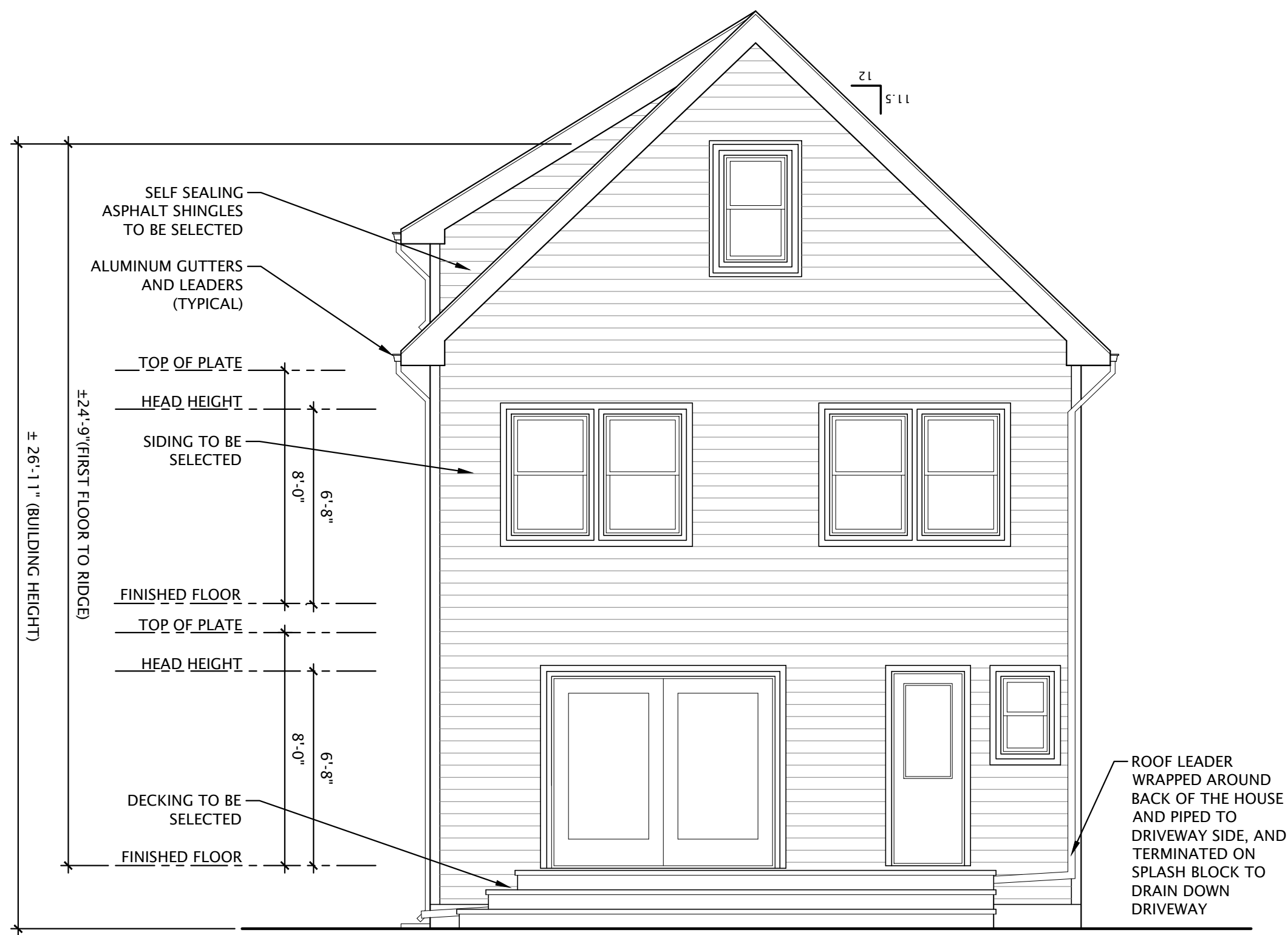
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REAR ELEVATION

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



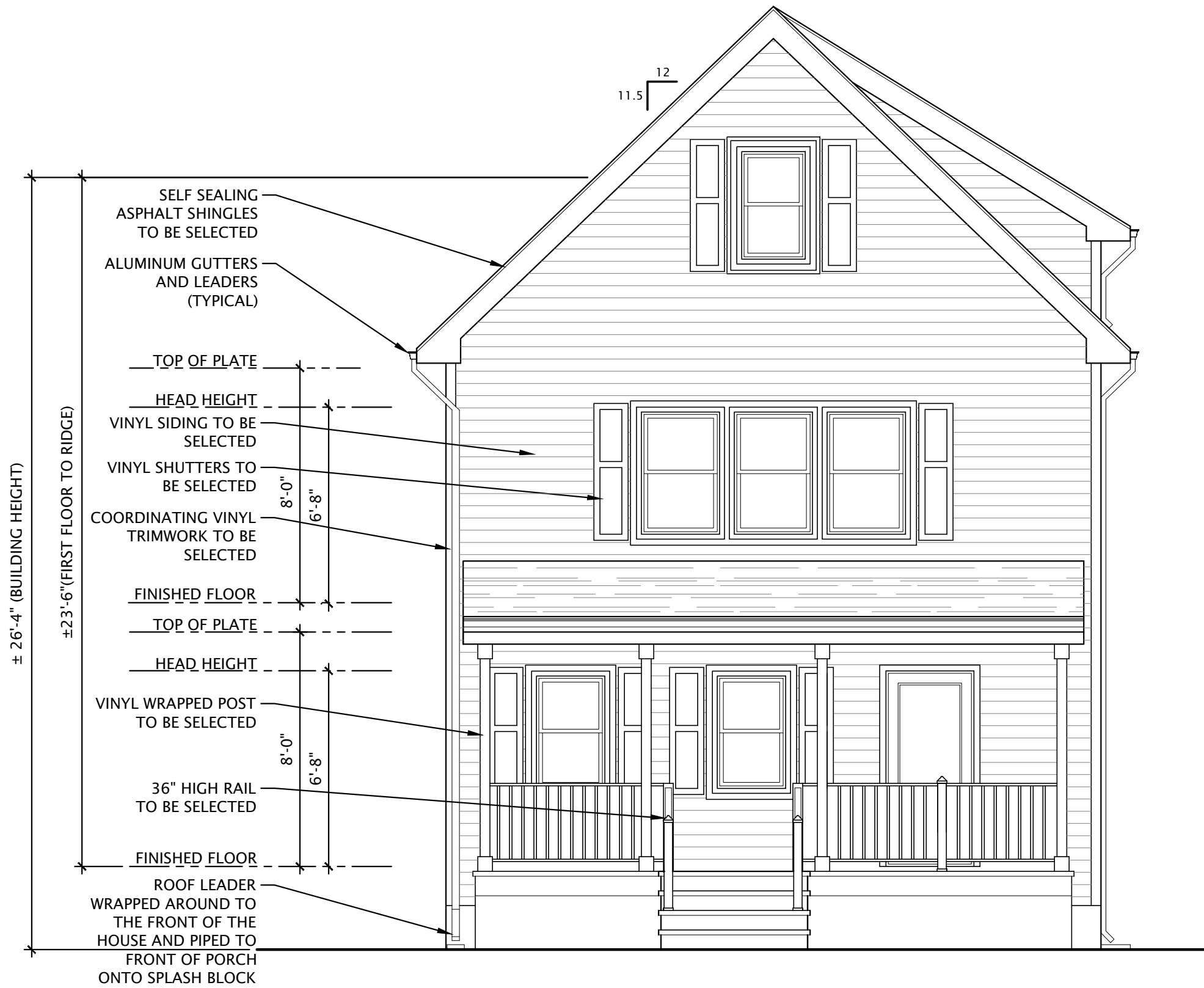
LEFT SIDE ELEVATION

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



RIGHT SIDE ELEVATION

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

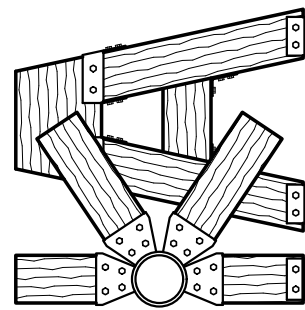


FRONT ELEVATION

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

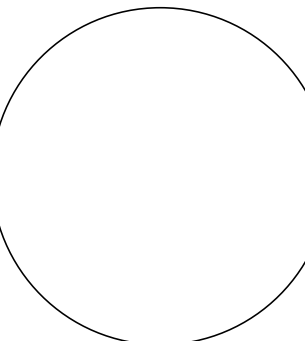
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OF THE PROJECT.

ELEVATIONS

09/22/23 - BOARD SUBMITTAL
09/20/23 - BLDG DEPT SUBM
05/23/23 - ENGINEER COMM.

DATE: 01/08/23

DRAWN BY: GAJ

CHECKED BY: GAJ

JOB # 21-256

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