

PROJECT 1247 - 12 JACOB STREET, NORWALK, CT

**COMMUNITY DEVELOPMENT BLOCK GRANT
DISASTER RECOVERY PROGRAM**

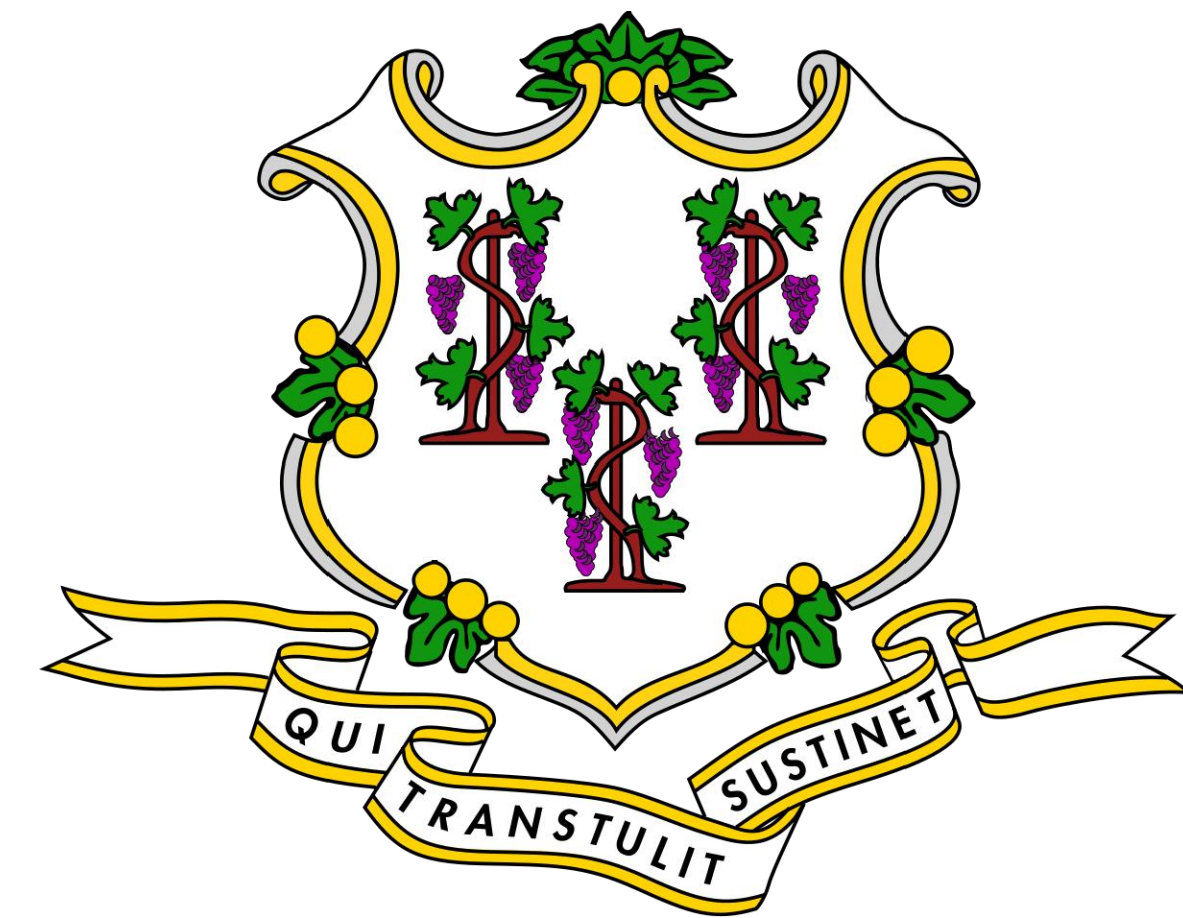
OWNER OCCUPIED REHABILITATION AND REBUILDING

CONNECTICUT DEPARTMENT OF HOUSING

HARTFORD, CONNECTICUT 06118



STREET VIEW
(N.T.S.)



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www.martinezcouch.com

PROJECT 1247
12 JACOB STREET
NORWALK, CONNECTICUT 06853

**ISSUED FOR BID
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
2	2/18/19	ISSUED FOR BIDDING	MBR	MBR	REC
1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
DRAWN: MBR CHECKED: MBR APPROVED: REC SCALE: N.T.S. DATE: 12/17/18					

TITLE SHEET

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	B3-262-1247-BASE.dwg	T-0.0

GENERAL NOTES:

- WHERE REFERENCED IN THIS PLAN SET, MARTINEZ COUCH & ASSOCIATES, LLC SHALL HEREIN BE REFERRED TO AS "MCA."
- THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS.
- THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE, AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT MCA IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS, SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFIRMED WITH MCA PRIOR TO BIDDING.
- REFER TO OTHER PLANS, DETAILS, AND PROJECT MANUAL FOR ADDITIONAL INFORMATION.

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PROJECT/SITE INFORMATION

PROJECT SITE:

- PARCEL ID MAP 6, BLOCK 26 LOT 16, CITY OF NORWALK ASSESSOR'S MAPPING, KNOWN AS 12 JACOB STREET NORWALK CONNECTICUT
- OWNER OF RECORD: MATTHEW HEISSAN, 12 JACOB STREET NORWALK, CT 06853-1216

PERMIT INFORMATION

- CITY OF NORWALK CAM PERMIT #6-17 APPROVED BY NORWALK ZONING COMMISSION AT MARCH 15, 2017 MEETING, ONE YEAR EXTENSION OBTAINED ON APRIL 5, 2018 NORWALK ZONING COMMISSION MEETING
- CITY OF NORWALK ZONING BOARD OF APPEALS VARIANCE 18-0301-01 GRANTED AT MARCH 1, 2018 ZONING BOARD OF APPEALS MEETING. EXTENSION FOR BUILDING PERMIT APPLICATION APPROVED AT ZONING BOARD OF APPEALS SEPTEMBER, 6, 2018 MEETING
- PERMIT REFERENCE PLANS BY OTHERS:
 - ZONING LOCATION SURVEY DEPICTING PROPOSED IMPROVEMENTS 12 JACOB STREET NORWALK CT, PREPARED FOR MERRITT CONSTRUCTION SERVICES, DATED 11/1/2016.
 - SITE DEVELOPMENT PLAN DEPICTING 12 JACOB STREET NORWALK, CT, PREPARED FOR MERRITT CONSTRUCTION SERVICES, DATED 2/10/17

DRAWING ANNOTATION LEGEND

	DEMOLITION WORK NOTE, SEE INDIVIDUAL SHEETS FOR WORK DESCRIPTION REFERENCED BY CALLOUT
	NEW WORK KEY NOTE, SEE INDIVIDUAL SHEETS FOR WORK DESCRIPTION REFERENCED BY CALLOUT
	PARTITION TYPE LABEL
	DETAIL REFERENCE
	SECTOPM REFERENCE

SPECIAL NOTICE TO BIDDERS

- THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY COORDINATION FOR SUCCESSFUL PROJECT COMPLETION. THIS INCLUDES ALL WORK INDICATED ON DRAWINGS AND SPECIFICATIONS.
- THE PROJECT SCOPE INCLUDES THE FURNISHING A NEW MODULAR HOME BY THE PROPERTY OWNER FOR PLACEMENT ON NEW STRUCTURAL FOUNDATION PIERS CONSTRUCTED BY THE CONTRACTOR. ALL OTHER WORK IDENTIFIED ON THE DRAWINGS AND SPECIFICATIONS, COLLECTIVELY THE CONTRACT DOCUMENTS, IS INCLUDED IN THE CONTRACTORS SCOPE OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE INSTALLED MODULAR HOME IMMEDIATELY UPON SETTING ON THE STRUCTURAL FOUNDATION SHOWN ON THESE PLANS. THE SCOPE OF PROTECTION SHALL INCLUDE BUT BE LIMITED TO THE FOLLOWING
 - PROTECTION OF THE MODULAR BUILDING CONSTRUCTION, AS SET BY MODULAR BUILDER, FROM WEATHER, DAMAGE, OR OTHER DETERIORATION RESULTING FROM THE BUILDING ENVELOPE WORK IDENTIFIED ON THESE DRAWINGS NOT COMPLETED AT THE TIME OF MODULAR STRUCTURE SET.
 - ANY REQUIRED PHASING FOR PROTECTION OF THE MODULAR HOME UNTIL THE COMPLETION OF THE BUILDING ENVELOPE AS SHOWN ON THIS DRAWING SET.
 - REFER TO MODULAR HOME NOTES FOR FURTHER INFORMATION
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROTECTING AND SEALING THE EXTERIOR OF THE MODULAR HOME. ANY DAMAGE WHICH OCCURS PRIOR TO ROOF CONSTRUCTION, BUILDING INSULATION, WEATHER BARRIERS, EXTERIOR FINISH CARPENTRY, AND SIDING INSTALLATION COMPLETION WILL BE REPAIRED AT THE CONTRACTORS EXPENSE WITHOUT ADDITIONAL COMPENSATION.
- THE CONTRACTOR SHALL PREPARE A WRITTEN PHASING PLAN FOR PROTECTION OF THE MODULAR HOME WHICH SHALL CLEARLY IDENTIFY MEASURES TO BE IMPLEMENTED BY THE CONTRACTOR THAT WILL PROVIDE PROTECTION OF SAID MODULAR HOME. ANY FAILURE TO PROTECT THE MODULAR STRUCTURE, THROUGH MEASURES IDENTIFIED IN THE PHASING PLAN, AFTER INSTALLATION BY THE MODULAR BUILDER WILL BE REMEDIED BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION.

PROJECT PHASING NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE COMPLETION OF FOUNDATION CONSTRUCTION AND DELIVERY/SET OF MODULAR HOME ON NEW FOUNDATION
- AS BUILT CONSTRUCTION DOCUMENTS ARE REQUIRED TO BE PREPARED BY THE CONTRACTOR DURING MULTIPLE PHASES OF CONSTRUCTION. CERTIFIED AS BUILTS SHALL BE SUBMITTED TO MCA PRIOR TO CONTINUANCE WITH WORK. DELIVERABLE TO INCLUDE A CERTIFIED MYLAR PRINT AND AN AUTOCAD .DWG FILE IN CONNECTICUT STATE PLANE COORDINATES WITH AS BUILT LOCATIONS CERTIFIED A-2/V-2/T-2 BY A LICENSED LAND SURVEYOR IN THE STATE OF CONNECTICUT. THE AS BUILTS SHALL BE COMPLETED AT THE FOLLOWING PHASES OF CONSTRUCTION:
 - AT FORM WORK INSTALLATION PRIOR TO CONCRETE POUR OF ANY STRUCTURAL PIER VERIFYING SET BACKS OF PROJECT ZONING VARIANCE ARE MET.
 - PRIOR TO SETTING OF MODULAR HOME AS BUILT LOCATION PLAN OF STRUCTURE PIERS TO SUPPORT MODULAR HOME AND DECK PIERS AFTER REMOVAL OF CONCRETE FORM WORK.
 - ALL WORK FOUND TO NOT BE IN COMPLIANCE WITH CONTRACT DRAWINGS WILL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NOT ADDITIONAL COST TO THE OWNER OR STATE.
- NORTHWEST DECK MAY ONLY EXPOSE 10 LINEAL FEET OF EXISTING STONE WALL AT ANY ONE TIME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE STONE WALL WITH A TEMPORARY SHORING SYSTEM MEETING THE SPECIFICATION REQUIREMENTS. THROUGHOUT THE ENTIRE PHASED EXCAVATION AND CONSTRUCTION OF MAT FOOTING FOR THE DECK.

MODULAR HOME NOTES

- MODULAR HOME SHALL BE A PRE-ENGINEERED WOOD FRAME STRUCTURE BUILT IN COMPLIANCE WITH THE 2018 STATE OF CONNECTICUT BUILDING CODE. THE FOLLOWING ITEMS DESCRIBE THE CONSTRUCTION OF THE MODULAR HOME AS DELIVERED
 - STRUCTURE EXTERIOR WALLS INSULATED AND SHEATHED WITH 1/2" NOMINAL SHEATHING WITH INTEGRAL AIR BARRIER
 - WINDOWS OPENINGS ARE COMPLETE WITH WINDOW INSTALLATION TO THE NAILING FLANGE ONLY
 - UNDERSIDE OF MODULAR STRUCTURE UNITS UN-INSULATED WITH EXPOSED UNTREATED WOOD FRAMING AND WOOD SHEATHING
 - TOP OF MODULAR UNITS EXPOSED UN-INSULATED, UNTREATED WOOD FRAMING AND GYPSUM BOARD SHEATHING
- THE PROPERTY OWNER WILL FURNISH AND SET A MODULAR HOME ON THE FOUNDATION SHOWN ON THIS DRAWING SET. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE PROPOSED MODULAR HOME COMPLYING THE DIMENSIONS INDICATED ON THIS DRAWING SET FOR PROPER FIT AND INSTALLATION ON THE FOUNDATION
- RECTANGULAR FINISHED EXTERIOR DIMENSIONS OF MODULAR HOME, FROM EXTERIOR SHEATHING TO EXTERIOR SHEATHING ARE PROPOSED AT 20'-0" WIDE BY 47'-0" LONG.
 - THE GENERAL CONTRACTOR SHALL VERIFY THE DIMENSIONS OF MODULAR UNITS AT THE FACTORY PRIOR TO DELIVERY AND AGAIN ONSITE PRIOR TO INSTALLATION ON FOUNDATION FOR COMPLIANCE WITH SETBACKS AND CONTRACT DRAWING DIMENSIONAL REQUIREMENTS.
 - RECTANGULAR DIMENSION DOES NOT INCLUDE CANTILEVERED SECTIONS OF MODULAR HOME AT 20' WIDTH FOR WHICH DIMENSIONS ARE CONTAINED IN THIS DRAWING SET.
- SHOULD THE MODULAR STRUCTURE EXCEED ANY OF THE INDICATED DIMENSIONS, THE GENERAL CONTRACTOR SHALL NOT BE PERMITTED TO INSTALL THE MODULAR HOME UNTIL DEVIATIONS FROM DIMENSIONS INDICATED ON THESE PLANS ARE CORRECTED.
- INSTALLATION OF A MODULAR HOME EXCEEDING DIMENSIONAL REQUIREMENTS OF CONTRACT DRAWINGS WILL NOT BE CONSIDERED A CHANGE OF CONDITIONS AND NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR REMEDIAL WORK TO MEET SPECIFIED DIMENSIONS AND BUILDING LINE SETBACKS OF THESE PLANS.

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DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: N.T.S.	DATE: 12/17/18				

**GENERAL NOTES
& PROJECT INFORMATION**

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ZONING REGULATIONS – A RESIDENCE ZONE					
	REQUIRED	EXISTING	VARIANCE	PROPOSED	AS-BUILT
LOT AREA (SQ.FT.)	12,500	13,700±	–	13,700±	
MIN. LOT WIDTH*	100'	75'	–	75'	
MIN. FRONT YARD DWELLING	40'	15.1'	17.6'	17.71'	
MIN. FRONT YARD DECK	40'	–	16.3'	16.9'	
MIN. REAR YARD** (DWELLING)	20'	3'	12.1'	12.40'	
MIN. REAR YARD** (DECK)	20'	OVER M.H.W.	10.9'	11.8'	
MIN. REAR YARD** (DECK)	20'	N/A	3.0'	4.7'	
MIN. SIDE YARD	10'	43.5'	18.0'	18.14'	
AGGREGATE SIDE SETBACK***	25% (10')	107.8'	–	105.6'	
MAX BLDG. AREA	25%	11.1%	–	10.5%	
BLDG. HGT. MIDPOINT (FT.)	36'	13.2'	–	35.1'	
BLDG. HGT. PEAK (FT.)	41'	16.2'	–	40.8'	

* PRE-EXISTING NON-CONFORMITY
 ** 20 PERCENT, NEED NOT EXCEED 20 FEET
 *** 25 PERCENT OF LOT WIDTH

PROPOSED SET BACK DIMENSION NOTES
 1. SETBACK DIMENSIONS ARE TO OUTSIDE FACE OF DWELLING (EXTERIOR SIDING) AND DECK (EDGE OF WOOD DECKING)

SURVEY NOTES

NORTH ORIENTATION AND COORDINATES REFER TO NAD 83.
 ELEVATIONS BASED ON NAVD 1988.

PARCEL OWNER OF RECORD: MATTHEW K. HEISSAN
 12 JACOB ST.
 NORWALK, CT 06853-1216

PARCEL AREA = 13,800 SQ. FT., .055 ACRES.
 PARCEL IS IN THE A ZONING DISTRICT.

PARCEL ID: MAP 6, BLOCK 26, LOT 16, NORWALK ASSESSOR'S MAPPING.

ENTIRE SUBJECT PARCEL IS IN ZONE AE (EL. 12) FLOOD ZONE AS SHOWN ON THE FLOOD INSURANCE RATE MAP, FAIRFIELD COUNTY, CONNECTICUT PANEL 529 OF 626, MAP NUMBER 09001C05296, MAP REVISED JULY 8, 2013 BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

COASTAL JURISDICTION LINE ELEVATION TAKEN FROM "CTDEEP OFFICE OF LONG ISLAND SOUND PROGRAMS COASTAL JURISDICTION LINE ELEVATIONS" TABLE.

DUE TO SNOW COVER, SOME FEATURES ARE DEPICTED BASED ON OTHER SOURCES.
 ALL IMPROVEMENTS ARE NOT SHOWN.

REFERENCE MAPS:

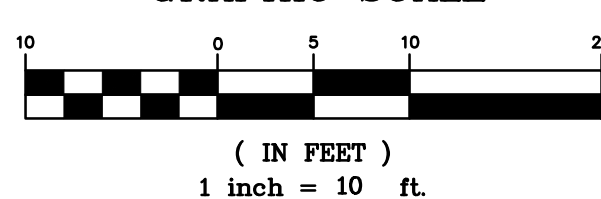
- "MAP OF PLOTS A & B PREPARED FOR THE ESTATE OF FREDERICK E BATTISTONE, DEC'D, AT ROWAYTON, NORWALK, CONN", SCALE: 1"=20', DATED AUGUST 3, 1964 AND REVISED LAST ON SEPT 29, 1964 AND PREPARED BY HARRY E. BRYAN.
- "PLOT PLAN OF PROPERTY PREPARED FOR BRUCE DEBOER #12 JACOB STREET, NORWALK, CONNECTICUT", SCALE: 1" = 20', DATED FEB 14, 2006. PREPARED BY "ARCAMONE LAND SURVEYORS".
- "ZONING LOCATION SURVEY OF PROPERTY PREPARED FOR ANNE P. LAW #19 JACOB STREET, ROWAYTON, CONNECTICUT", SCALE: 1"=20'. PREPARED BY "ARCAMONE LAND SURVEYORS LLC".
- "ZONING LOCATION SURVEY DEPICTING LOT LINE REVISION OF PROPERTY PREPARED FOR KURT & JENNIFER NELSON AND 257 ROWAYTON AVENUE LLC, #19 JACOB STREET & 257 ROWAYTON AVENUE, ROWAYTON, CONNECTICUT", SCALE: 1"=20', DATED APR. 18, 2017. PREPARED BY "ARCAMONE LAND SURVEYORS LLC".
- "ZONING LOCATION SURVEY DEPICTING PROPOSED IMPROVEMENTS #12 JACOBS STREET NORWALK, CONNECTICUT PREPARED FOR MERRITT CONSTRUCTION", SCALE: 1"=20', DATED NOVEMBER 1, 2016 AND PREPARED BY REDNISS & MEAD.

SITE IMPROVEMENT NOTES

- COORDINATES AND BEARINGS REFERENCE CT STATE PLANE GRID NAD 83
- ELEVATIONS REFERENCE VERTICAL DATUM NAVD 88

REFERENCE MAP:
 1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CT DOH AT 12 JACOB STREET, NORWALK, CONNECTICUT; DATE: 01-16-2018; SCALE: 1"=10'; PREPARED BY MARTINEZ COUGH & ASSOCIATES, LLC

GRAPHIC SCALE



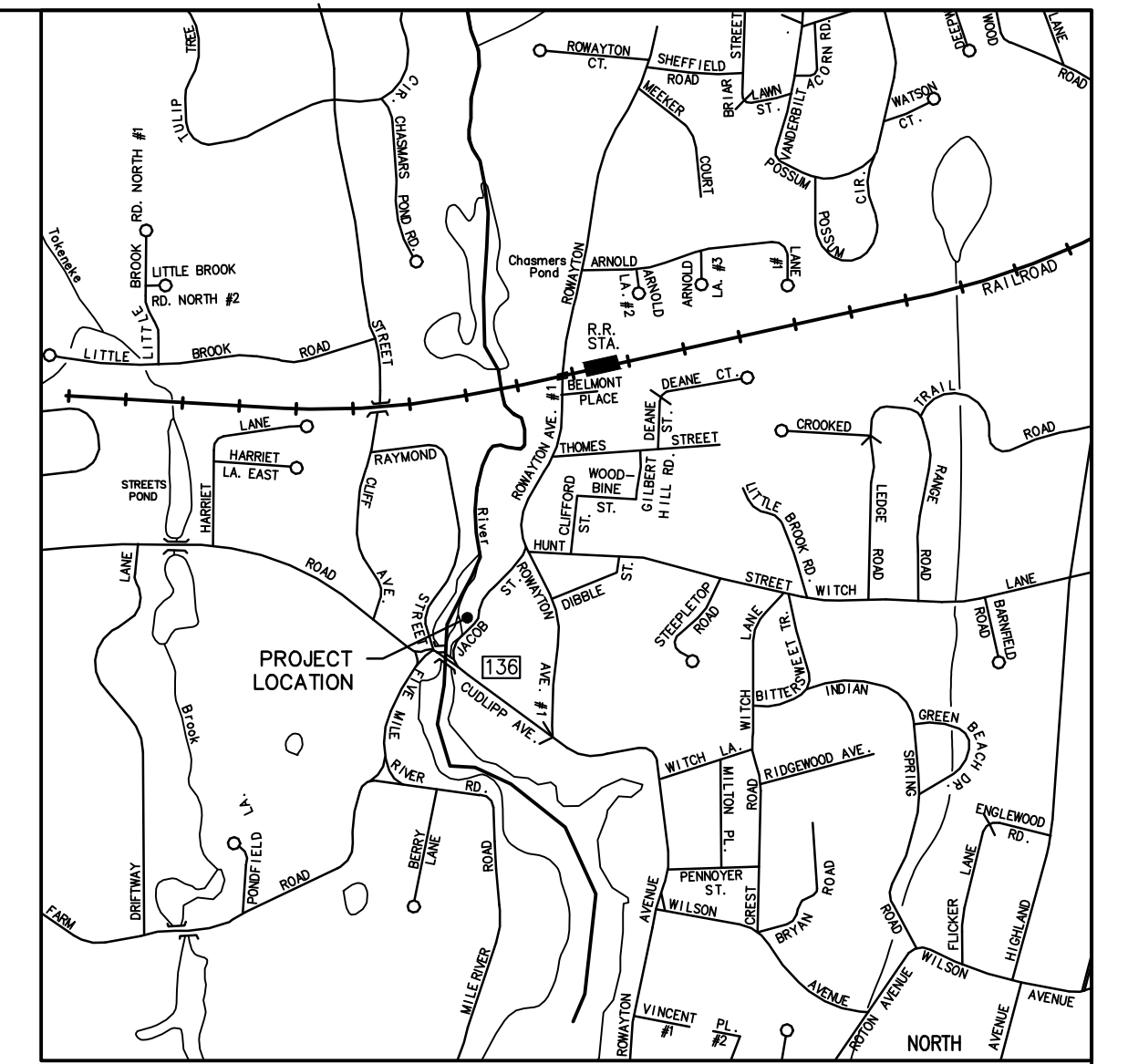
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SYMBOLS LEGEND

○ POLE #XXXX	EXISTING UTILITY POLE
○ WV	EXISTING WATER VALVE
○ WM	EXISTING WATER METER
□ GM	EXISTING GAS METER
□ EM	EXISTING ELECTRIC METER
□ CB	EXISTING CATCH BASIN
○	EXISTING TREE
○	EXISTING SANITARY MANHOLE
○ WM	PROPOSED WATER METER
○ P.S.	PROPOSED GRINDER PUMP
□ EM	PROPOSED ELECTRIC METER
2x.97	EXISTING SPOT GRADE
2.8	PROPOSED SPOT GRADE

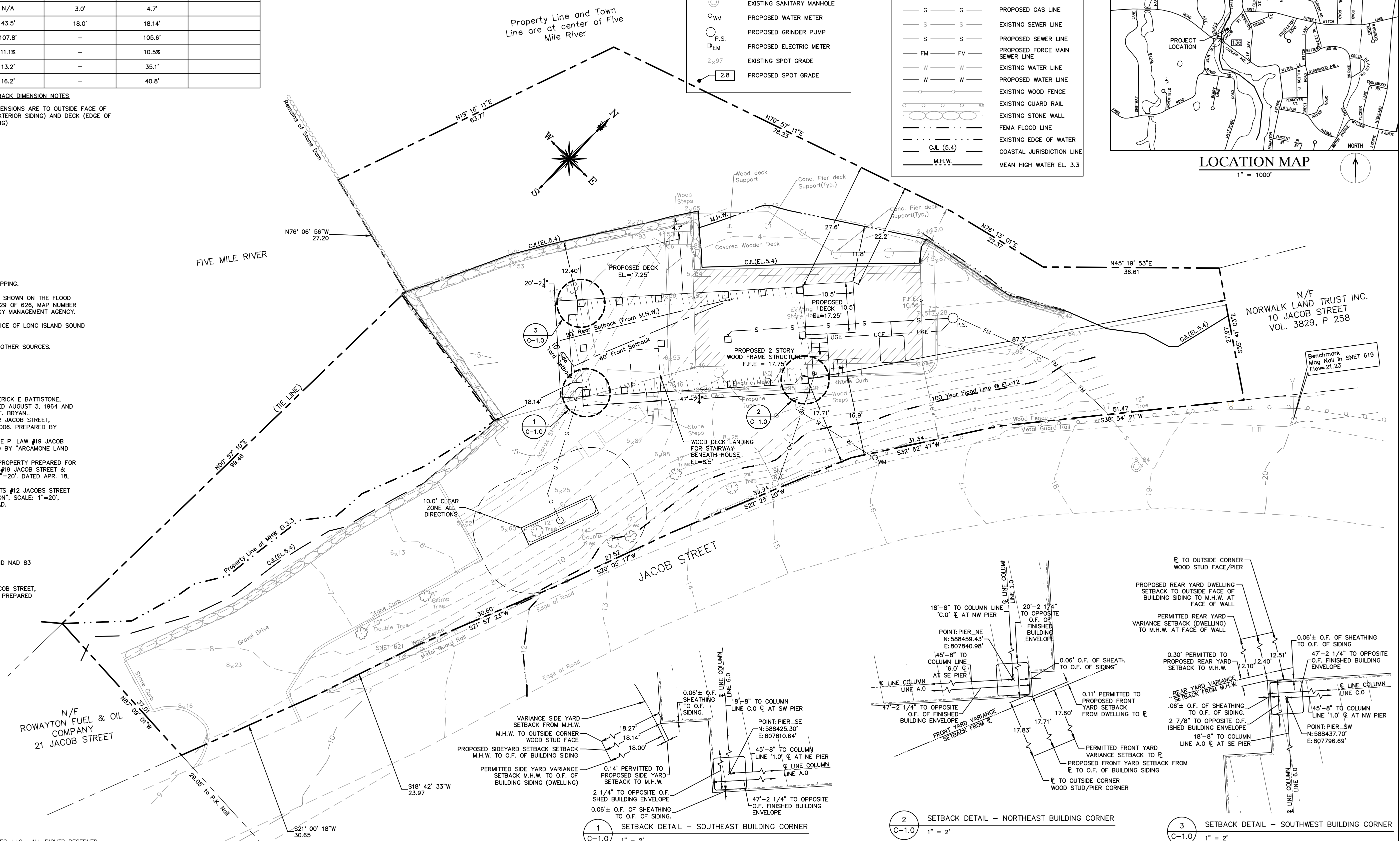
LINETYPE LEGEND

---	SETBACK LINE
---	PROPERTY LINE
---	EASEMENT LINE
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
OH	EXISTING OVERHEAD WIRE
OH OH	PROPOSED OVERHEAD WIRE
G G	EXISTING GAS LINE
G G	PROPOSED GAS LINE
S S	EXISTING SEWER LINE
S S	PROPOSED SEWER LINE
FM FM	PROPOSED FORCE MAIN SEWER LINE
W W	EXISTING WATER LINE
W W	PROPOSED WATER LINE
---	EXISTING WOOD FENCE
---	EXISTING GUARD RAIL
---	EXISTING STONE WALL
---	FEMA FLOOD LINE
---	EXISTING EDGE OF WATER
C.J.L. (5.4)	COASTAL JURISDICTION LINE
M.H.W.	MEAN HIGH WATER EL. 3.3



LOCATION MAP

1" = 1000'



1 SETBACK DETAIL – SOUTHEAST BUILDING CORNER
 1" = 2'

2 SETBACK DETAIL – NORTHEAST BUILDING CORNER
 1" = 2'

3 SETBACK DETAIL – SOUTHWEST BUILDING CORNER
 1" = 2'



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IMPROVEMENT LOCATION PLAN

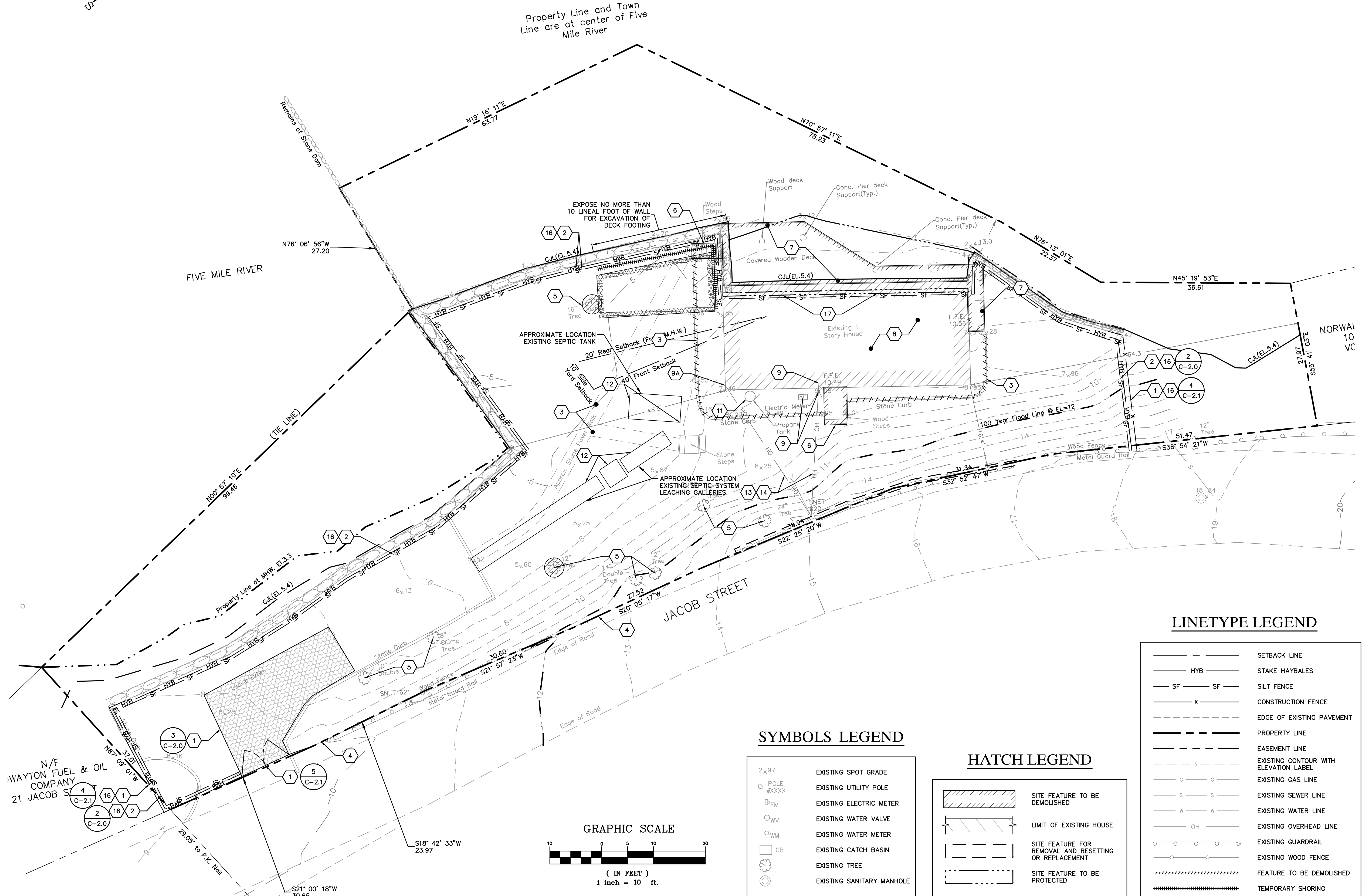
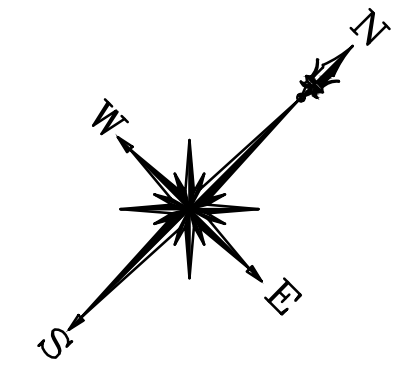
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	C-1.0

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM UNLESS OTHERWISE NOTED.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE CONTRACTOR, AT A MINIMUM, SHALL MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AS DIRECTED, AS NECESSARY, AND IN ACCORDANCE WITH CONTRACT REQUIREMENTS, AND SHALL CHECK ALL SYSTEMS ON A DAILY BASIS TO ENSURE THE PREVENTION OF SEDIMENT TRANSPORT AND THE CONTROL OF EROSION.
6. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
8. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
9. ALL BUILDING UTILITIES SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OF 12.0' (NAVD 88).

SOIL EROSION AND SEDIMENT CONTROL/DEMOLITION NOTES

1. INSTALL 4' CONSTRUCTION BARRIER ALONG LENGTH OF PERIMETER OF PROPERTY AS SHOWN ON PLAN; INSTALL 10' WIDE DOUBLE LEAF GATE AT SOUTH EASTERN PROPERTY LINE; INSTALL CONSTRUCTION TRACK PAD AT GATED ENTRANCE
2. INSTALL SILT FENCE ALONG PERIMETER OF PROPERTY AS SHOWN ON PLAN
3. DEMOLISH STONE WALK, STEPS, AND CURBING
4. REMOVE EXISTING FENCING AND RESET OR REPLACE AS REQUIRED FOR MODULAR HOME INSTALLATION
5. REMOVE TREE LIMBS AND SELECT TREES AS REQUIRED FOR NEW CONSTRUCTION
6. DEMOLISH WOOD LANDINGS, STEPS, STAIRS, AND SUPPORTS BELOW GRADE ON BOTH SIDES OF HOUSE AND STREET FACE, REMOVE AND DISPOSE OFF SITE
7. DEMOLISH EXISTING DECK AND ROOF ABOVE AT NORTHWEST SIDE OF HOUSE, REMOVE AND DISPOSE OF MATERIAL DOWN TO LEVEL OF CONCRETE FOUNDATIONS OFF SITE; CONCRETE FOUNDATIONS BELOW C.U.L. TO REMAIN
8. DEMOLISH HOUSE AND FOUNDATION AND DISPOSE OFF SITE; INFILL CRAWLSPACE AREA BENEATH HOUSE TO MATCH ADJACENT GRADE WITH SUITABLE SOILS.
9. COORDINATE UTILITY DISCONNECTS, INCLUDING WATER, ELECTRIC, GAS, AND TELECOMMUNICATIONS WITH LOCAL UTILITY PROVIDERS HAVING JURISDICTION
- 9A. TELECOMMUNICATION BOX RETURN TO OWNER AND/OR UTILITY PROVIDER.
10. ABANDON EXISTING WATER SERVICE AND DEMOLISH AND REMOVE EXISTING PIPING TO PROPERTY LINE; COORDINATE WITH UTILITY OWNER TO PROVIDE FOR AND COMPLETE ALL WORK TO CAP EXISTING SERVICE UNTIL RECONNECTION TO NEW HOUSE; EXISTING SERVICE LINE LOCATION UNKNOWN, CONTRACTOR TO FIELD LOCATE
11. RETURN EXISTING PROPANE TANK TO OWNER; PROPERLY DISPOSE OF ANY REMAINING FUEL CONTAINED IN TANK.
12. ABANDON EXISTING SEPTIC SYSTEM AND PIPING TO HOUSE, PUMP TANK REMOVE AND DISPOSE; REMOVE AND DISPOSE OF LEACHING GALLERIES; ABANDON PER CT DEPARTMENT OF PUBLIC HEALTH REQUIREMENTS
13. DEMOLISH AND REMOVE EXISTING OVERHEAD AERIAL TELECOMMUNICATIONS AND CABLE TV WIRES
14. COORDINATE REMOVAL OF OVERHEAD WIRES WITH UTILITY PROVIDER AS REQUIRED TO ACCOMMODATE PROPOSED MODULAR HOME AND EQUIPMENT
15. DO NOT STOCKPILE SOIL ON SITE. NOT SHOWN ON PLAN
16. REMOVE TEMPORARY FENCING UPON COMPLETION OF CONSTRUCTION, AND REMOVE E&S CONTROLS AFTER STABILIZATION IS COMPLETE
17. EXISTING CONCRETE BLOCK FOUNDATION WALL AND FOOTING TO REMAIN, PROTECT AS REQUIRED TO CONSTRUCT NEW MODULAR HOME CUT FOUNDATION WALL TOP TO MATCH ADJACENT STONE WALL TOP ELEVATION



SYMBOLS LEGEND

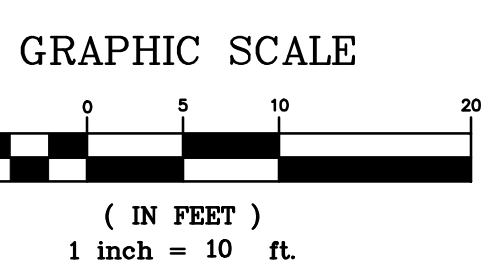
- 2x.97 EXISTING SPOT GRADE
- POLE #XXXXX EXISTING UTILITY POLE
- EM EXISTING ELECTRIC METER
- WV EXISTING WATER VALVE
- WM EXISTING WATER METER
- CB EXISTING CATCH BASIN
- EXISTING TREE
- EXISTING SANITARY MANHOLE

HATCH LEGEND

- SITE FEATURE TO BE DEMOLISHED
- LIMIT OF EXISTING HOUSE
- SITE FEATURE FOR REMOVAL AND RESETTING OR REPLACEMENT
- SITE FEATURE TO BE PROTECTED

LINETYPE LEGEND

- SETBACK LINE
- HYB STAKE HAYBALES
- SF SILT FENCE
- CONSTRUCTION FENCE
- EDGE OF EXISTING PAVEMENT
- PROPERTY LINE
- EASEMENT LINE
- EXISTING CONTOUR WITH ELEVATION LABEL
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING WATER LINE
- EXISTING OVERHEAD LINE
- EXISTING GUARDRAIL
- EXISTING WOOD FENCE
- FEATURE TO BE DEMOLISHED
- TEMPORARY SHORING



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NORWALK, CONNECTICUT 06853

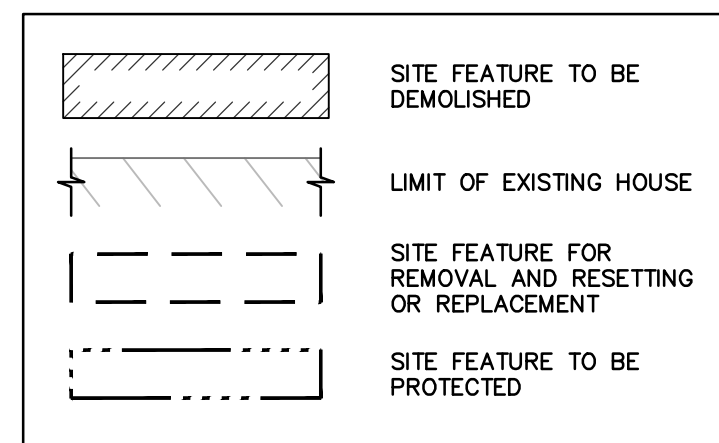
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2	DATE	ISSUED FOR BIDDING	BY	CHK	APPV
1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
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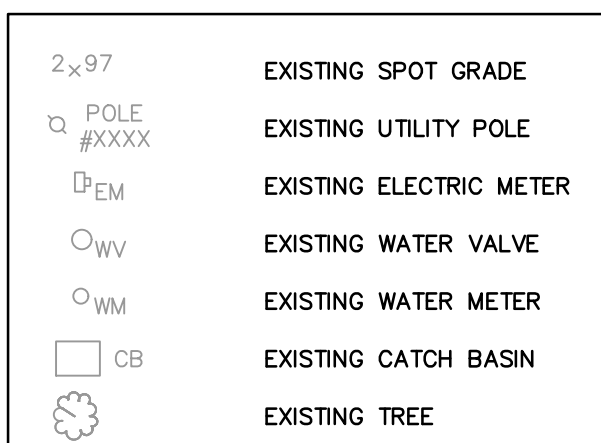
SOIL EROSION, SEDIMENT CONTROL, AND DEMOLITION PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	C-1.1

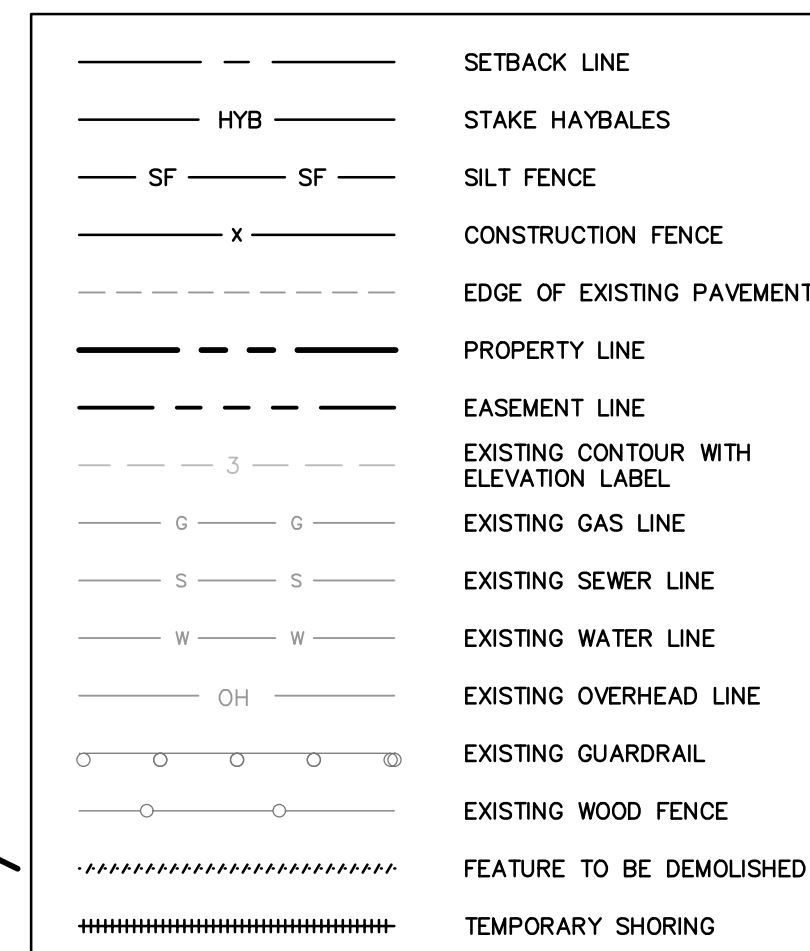
HATCH LEGEND



SYMBOLS LEGEND



LINETYPE LEGEND

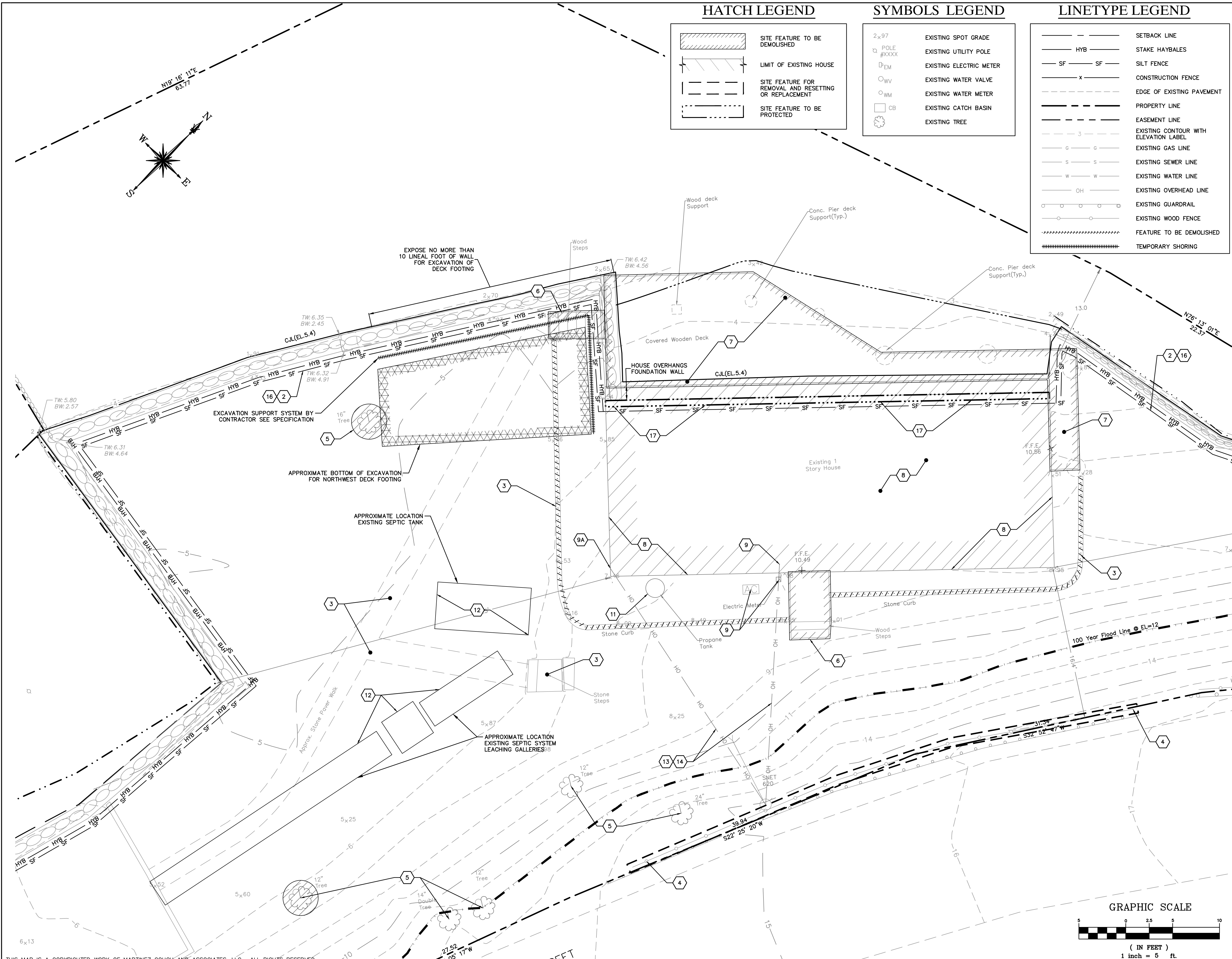


GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE CONTRACTOR, AT A MINIMUM, SHALL MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AS DIRECTED, AS NECESSARY, AND IN ACCORDANCE WITH CONTRACT REQUIREMENTS, AND SHALL CHECK ALL SYSTEMS ON A DAILY BASIS TO ENSURE THE PREVENTION OF SEDIMENT TRANSPORT AND THE CONTROL OF EROSION.
6. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
8. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
9. ALL BUILDING UTILITIES SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OF 12.0' (NAVD 88)

SOIL EROSION AND SEDIMENT CONTROL/DEMOLITION NOTES

1. INSTALL 4' CONSTRUCTION BARRIER ALONG PERIMETER OF PROPERTY AS SHOWN ON PLAN; INSTALL 10' WIDE DOUBLE LEAF GATE AT SOUTHERN PROPERTY LINE; INSTALL CONSTRUCTION TRACK PAD AT GATED ENTRANCE. NOT SHOWN ON PLAN
2. INSTALL SILT FENCE ALONG PERIMETER OF PROPERTY AS SHOWN ON PLAN
3. DEMOLISH STONE WALK, STEPS, AND CURBING
4. REMOVE FENCING AND RESET OR REPLACE AS REQUIRED FOR MODULAR HOME INSTALLATION
5. REMOVE TREE LIMBS AND SELECT TREES AS REQUIRED FOR NEW CONSTRUCTION
6. DEMOLISH WOOD LANDINGS AND STEPS ON BOTH SIDES OF HOUSE AND DISPOSE OFF SITE.
7. DEMOLISH EXISTING DECK AT NORTHWEST SIDE OF HOUSE, REMOVE AND DISPOSE OF MATERIAL DOWN TO LEVEL OF CONCRETE FOUNDATIONS
8. DEMOLISH HOUSE AND FOUNDATION AND DISPOSE OFF SITE; INFILL CRAWLSPACE AREA BENEATH HOUSE TO MATCH ADJACENT GRADE WITH SUITABLE SOILS.
9. COORDINATE UTILITY DISCONNECTS, INCLUDING WATER, ELECTRIC, GAS, AND TELECOMMUNICATIONS
- 9A. TELECOMMUNICATION BOX RETURN TO OWNER AND/OR UTILITY PROVIDER.
10. ABANDON EXISTING WATER SERVICE AND DEMOLISH AND REMOVE EXISTING PIPING TO PROPERTY LINE; COORDINATE WITH UTILITY OWNER TO PROVIDE FOR AND COMPLETE ALL WORK TO CAP EXISTING SERVICE UNTIL RECONNECTION TO NEW HOUSE; EXISTING SERVICE LINE LOCATION UNKNOWN, CONTRACTOR TO FIELD LOCATE
11. RETURN EXISTING PROPANE TANK TO OWNER; PROPERLY DISPOSE OF ANY REMAINING FUEL CONTAINED IN TANK.
12. ABANDON EXISTING SEPTIC SYSTEM AND PIPING TO HOUSE, PUMP TANK REMOVE AND DISPOSE; REMOVE AND DISPOSE OF LEACHING GALLERIES; ABANDON PER CT DEPARTMENT OF PUBLIC HEALTH REQUIREMENTS
13. DEMOLISH AND REMOVE EXISTING OVERHEAD AERIAL TELECOMMUNICATIONS AND CABLE TV WIRES
14. COORDINATE REMOVAL OF OVERHEAD WIRES WITH UTILITY PROVIDER AS REQUIRED TO ACCOMMODATE PROPOSED MODULAR HOME AND EQUIPMENT
15. DO NOT STOCKPILE SOIL ON SITE. NOT SHOWN ON PLAN
16. REMOVE TEMPORARY FENCING UPON COMPLETION OF CONSTRUCTION, AND REMOVE EROSION AND SEDIMENTATION CONTROLS AFTER STABILIZATION IS COMPLETE
17. EXISTING CONCRETE BLOCK FOUNDATION WALL AND FOOTING TO REMAIN, PROTECT AS REQUIRED TO CONSTRUCT NEW MODULAR HOME CUT FOUNDATION WALL TOP TO MATCH ADJACENT STONE WALL TOP ELEVATION



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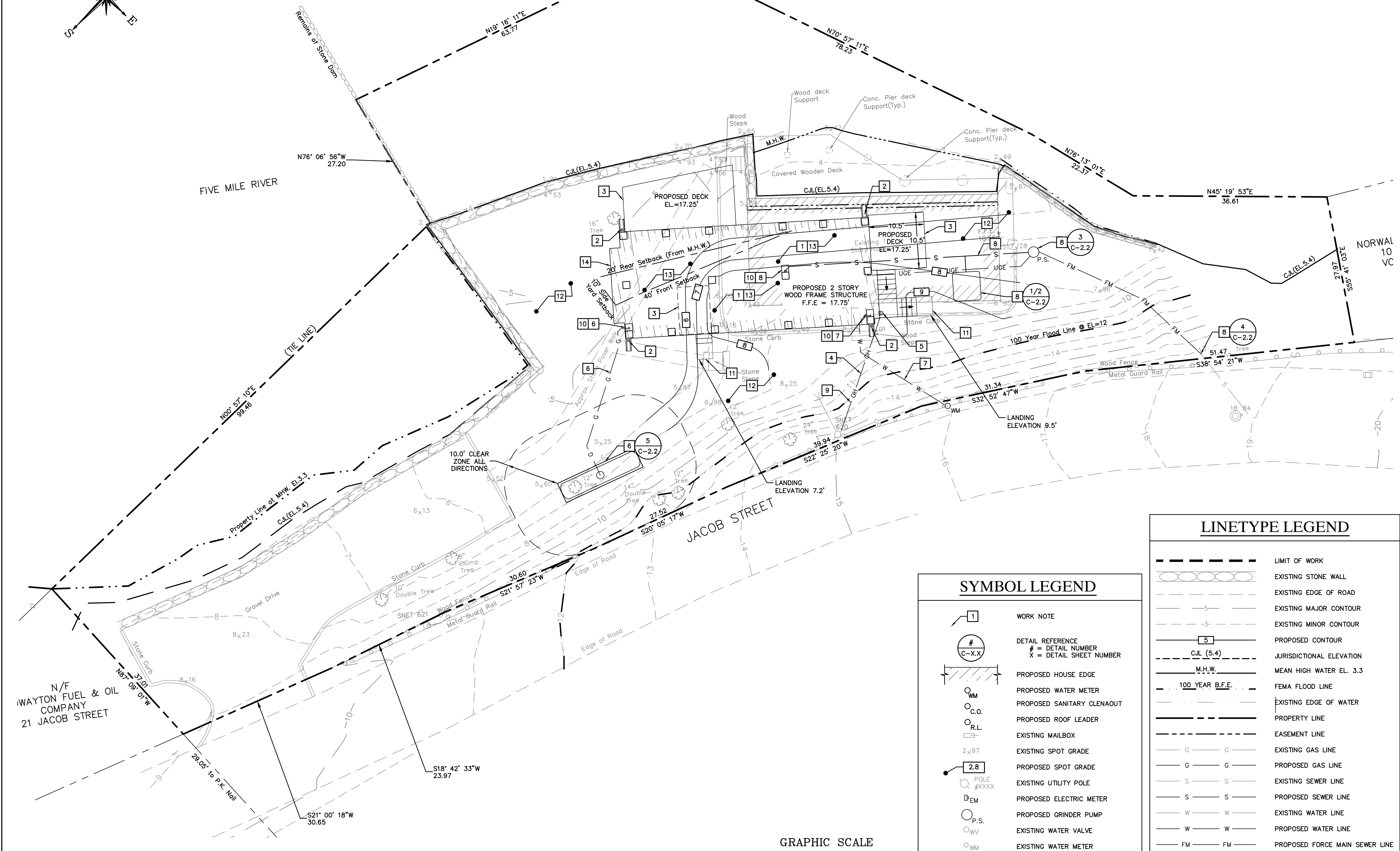
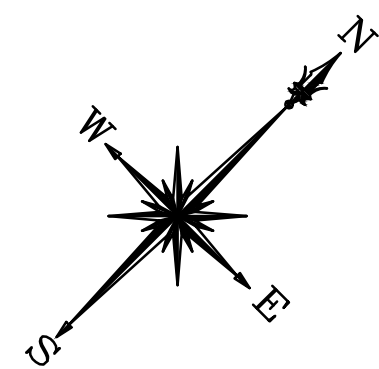
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DRAWN: MBR CHECKED: MBR APPROVED: REC SCALE: 1" = 5' DATE: 12/17/18

**DEMOLITION PLAN -
DETAIL AT HOUSE**

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	B3-262-1247-BASE.dwg	C-1.1-A



GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM UNLESS OTHERWISE NOTED.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
8. ALL BUILDING UTILITIES SHALL BE LOCATED ABOVE THE BASE FLOOD ELEVATION OF 12.0' (NAVD 88)

WORK NOTES (THIS SHEET)

- 1 FURNISH AND INSTALL ALL MATERIALS AND LABOR FOR CONSTRUCTION OF NEW FOUNDATION WITH NEW FRAMING AND PREPARE FOR MODULAR HOME INSTALLATION; SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS. PREPARE AS-BUILTS DURING FOUNDATION PER CONTRACT DOCUMENTS.
- 2 FURNISH AND INSTALL ALL MATERIALS FOR ROOF DOWNSPOUTS EXTENDED TO GRADE; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS. TYPICAL FOR ALL ROOF LEADERS
- 3 FURNISH AND INSTALL ALL MATERIALS FOR NEW DECK AND STAIRS AT SOUTHERN AND WESTERN SIDES OF HOUSE AND PLATFORM FOR STAIRS BENEATH HOUSE
- 4 COORDINATE REINSTALLATION OF ANY PREVIOUSLY REMOVED OVERHEAD WIRES WITH UTILITY PROVIDER
- 5 COORDINATE CONNECTION OF OVERHEAD ELECTRICAL SERVICE TO SERVICE MAST AT SOUTHEAST SIDE OF HOUSE; COORDINATE INSTALLATION OF NEW ELECTRICAL METER WITH UTILITY PROVIDER IN APPROVED LOCATION ABOVE 100-YEAR FEMA BASE FLOOD ELEVATION
- 6 COORDINATE FOR AND FURNISH AND INSTALL ALL MATERIALS FOR NEW PROPANE LINE FROM NEW BURIED PROPANE TANK TO BUILDING; TANK TO BE INSTALLED BY OTHERS. SEE SITE UTILITY PLAN SHEET C-1.3
- 7 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW DOMESTIC WATER SERVICE ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. INSULATE AND HEAT TRACE WATER LINE FROM HOUSE TO 42" BELOW GRADE TO PREVENT FREEZING OF WATER LINE.
- 8 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW GRAVITY SANITARY SEWER LATERAL, E-ONE DUPLEX PUMP, AND LOW PRESSURE FORCE MAIN TO GRAVITY SEWER STUB AT PROPERTY LINE. INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. SEE SITE UTILITY PLAN, SHEET C-1.3 FOR FURTHER DETAIL
- 9 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 10 FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASES.
- 11 FURNISH AND INSTALL ALL MATERIALS FOR CONCRETE PAD AT BOTTOM OF PROPOSED STAIRS
- 12 FURNISH AND INSTALL ALL MATERIALS TO LOAM AND SEED AREAS PREVIOUSLY COVERED BY HOUSE AND STAIRS NOT COVERED BY PROPOSED HOUSE AND STAIRS, AS WELL AS ANY BARE AREAS
- 13 FURNISH AND INSTALL 12" THICK LAYER OF 3/4" MINUS PROCESS AGGREGATE BASE STONE BENEATH PROPOSED HOUSE.
- 14 COMPLETE REMAINING BUILDING WORK (BOTH INTERIOR AND EXTERIOR)
- 15 RESTORE EXTERIOR AREAS TO EXISTING CONDITIONS OR BETTER. NOT SHOWN ON PLAN

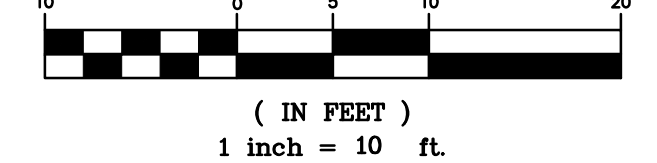
LINETYPE LEGEND

---	LIMIT OF WORK
---○---	EXISTING STONE WALL
---	EXISTING EDGE OF ROAD
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
---	PROPOSED CONTOUR
---	JURISDICTIONAL ELEVATION
---	MEAN HIGH WATER EL. 3.3
---	FEMA FLOOD LINE
---	EXISTING EDGE OF WATER
---	PROPERTY LINE
---	EASEMENT LINE
---	EXISTING GAS LINE
---	PROPOSED GAS LINE
---	EXISTING SEWER LINE
---	PROPOSED SEWER LINE
---	EXISTING WATER LINE
---	PROPOSED WATER LINE
---	PROPOSED FORCE MAIN SEWER LINE
---	EXISTING OVERHEAD LINE
---	PROPOSED OVERHEAD LINE
---	PROPOSED UNDERGROUND CONDUIT AND ELECTRIC

SYMBOL LEGEND

1	WORK NOTE
#	DETAIL REFERENCE
#	# = DETAIL NUMBER
X	X = DETAIL SHEET NUMBER
---	PROPOSED HOUSE EDGE
○ WM	PROPOSED WATER METER
○ C.O.	PROPOSED SANITARY CLENAOUT
○ R.L.	PROPOSED ROOF LEADER
---	EXISTING MAILBOX
2x.97	EXISTING SPOT GRADE
2.8	PROPOSED SPOT GRADE
○ POLE #XXXX	EXISTING UTILITY POLE
EM	PROPOSED ELECTRIC METER
P.S.	PROPOSED GRINDER PUMP
○ WV	EXISTING WATER VALVE
○ WM	EXISTING WATER METER
CB	EXISTING CATCH BASIN
○	EXISTING SANITARY MANHOLE

GRAPHIC SCALE



REFERENCE MAP:
1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CTDOH AT 12 JACOB STREET, NORWALK, CONNECTICUT; DATE: xx-xx-2016; SCALE: 1"=10'; PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC

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SITE PLAN

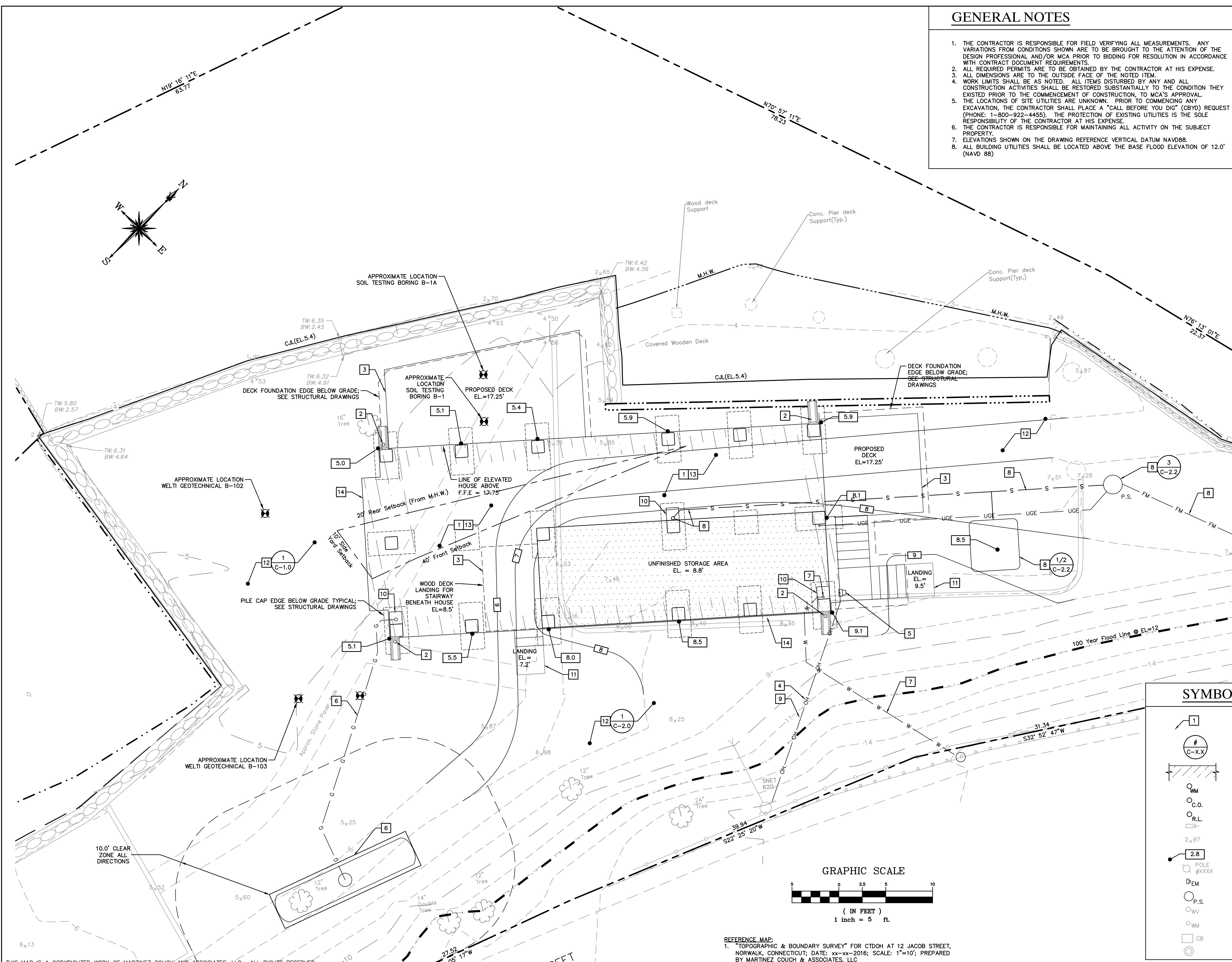
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	C-1.2

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WORK NOTES (THIS SHEET) #

- 1 FURNISH AND INSTALL ALL MATERIALS AND LABOR FOR CONSTRUCTION OF NEW FOUNDATION WITH NEW FRAMING AND PREPARE FOR MODULAR HOME INSTALLATION; SEE STRUCTURAL AND ARCHITECTURAL DRAWINGS. PREPARE AS-BUILTS DURING FOUNDATION PER CONTRACT DOCUMENTS.
- 2 FURNISH AND INSTALL ALL MATERIALS FOR ROOF DOWNSPOUTS EXTENDED TO GRADE; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS. TYPICAL FOR ALL ROOF LEADERS
- 3 FURNISH AND INSTALL ALL MATERIALS FOR NEW DECK AND STAIRS AT SOUTHERN AND NORTHERN SIDES OF HOUSE AND DECK FOR STORAGE AREA BENEATH HOUSE ACCESS STAIRS
- 4 COORDINATE REINSTALLATION OF ANY PREVIOUSLY REMOVED OVERHEAD WIRES WITH UTILITY PROVIDER
- 5 COORDINATE CONNECTION OF OVERHEAD ELECTRICAL SERVICE TO SERVICE MAST AT SOUTH WEST SIDE OF HOUSE; COORDINATE INSTALLATION OF NEW ELECTRICAL METER WITH UTILITY PROVIDER IN APPROVED LOCATION ABOVE 100-YEAR FEMA BASE FLOOD ELEVATION
- 6 COORDINATE FOR AND FURNISH AND INSTALL ALL MATERIALS FOR NEW PROPANE LINE FROM NEW BURIED PROPANE TANK TO BUILDING; TANK TO FURNISHED BY OWNER, SEE SITE UTILITY PLAN SHEET C-1.3
- 7 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW DOMESTIC WATER SERVICE TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. INSULATE AND HEAT TRACE WATER LINE FROM HOUSE TO 42" BELOW GRADE TO PREVENT FREEZING OF WATER LINE.
- 8 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW GRAVITY SANITARY SEWER LATERAL, E-ONE DUPLEX PUMP, AND LOW PRESSURE FORCE MAIN TO GRAVITY SEWER STUB AT PROPERTY LINE. INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. SEE SITE UTILITY PLAN, SHEET C-1.3 FOR FURTHER DETAIL
- 9 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 10 FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASES FROM FOUNDATION TO UNDERSIDE OF FIRST FLOOR FRAMING.
- 11 FURNISH AND INSTALL ALL MATERIALS FOR CONCRETE PAD AT BOTTOM OF PROPOSED STAIRS
- 12 FURNISH AND INSTALL ALL MATERIALS TO LOAM AND SEED AREAS PREVIOUSLY COVERED BY HOUSE AND STAIRS NOT COVERED BY PROPOSED HOUSE AND STAIRS, AS WELL AS ANY BARE AREAS
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- 14 COMPLETE REMAINING BUILDING WORK (BOTH INTERIOR AND EXTERIOR); EXTERIOR ENVELOPE OF FINISHED BUILDING SHOWN, ROOF OVERHANGS NOT SHOWN.
- 15 RESTORE EXTERIOR AREAS TO EXISTING CONDITIONS OR BETTER. NOT SHOWN ON PLAN

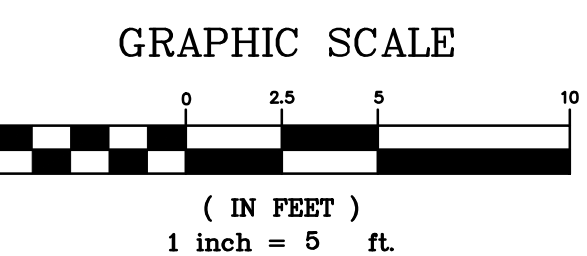


LINETYPE LEGEND

	LIMIT OF WORK
	EXISTING STONE WALL
	EXISTING EDGE OF ROAD
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED CONTOUR
	JURISDICTIONAL ELEVATION
	MEAN HIGH WATER EL. 3.3
	FEMA FLOOD LINE
	EXISTING EDGE OF WATER
	PROPERTY LINE
	EASEMENT LINE
	EXISTING GAS LINE
	PROPOSED GAS LINE
	EXISTING SEWER LINE
	PROPOSED SEWER LINE
	EXISTING WATER LINE
	PROPOSED WATER LINE
	PROPOSED FORCE MAIN SEWER LINE
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	PROPOSED OVERHEAD LINE
	PROPOSED UNDERGROUND CONDUIT AND ELECTRIC

SYMBOL LEGEND

	WORK NOTE
	DETAIL REFERENCE
	# = DETAIL NUMBER X = DETAIL SHEET NUMBER
	PROPOSED HOUSE EDGE
	PROPOSED WATER METER
	PROPOSED SANITARY CLENAOUT
	PROPOSED ROOF LEADER
	EXISTING MAILBOX
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	EXISTING UTILITY POLE
	PROPOSED ELECTRIC METER
	PROPOSED GRINDER PUMP
	EXISTING WATER VALVE
	EXISTING WATER METER
	EXISTING CATCH BASIN
	EXISTING SANITARY MANHOLE



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**SITE PLAN
DETAIL AT HOUSE**

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33-262-1247	33-262-1247-BASE.dwg	C-1.2-A

GENERAL NOTES

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5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
6. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

BUILDING UTILITY NOTES

1. COORDINATE RECONNECTION OF OVERHEAD ELECTRICAL SERVICE TO EXISTING SERVICE MAST AT NORTH SIDE OF HOUSE. RECONNECT ELECTRICAL SERVICE METER OR REPLACE AS REQUIRED BY UTILITY PROVIDER. INSTALL ELECTRICAL SERVICE METER AT UTILITY PROVIDER APPROVED LOCATION ON ELEVATED DECK/WALK ABOVE 100-YEAR FEMA BASE FLOOD ELEVATION 12.0' (NAVD88).
2. EXTEND WATER, GAS, AND SANITARY SERVICES TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT ALL SERVICES PER CONTRACT SPECIFICATIONS.
3. EXISTING WATER METER LOCATION UNKNOWN. FIELD VERIFY LOCATION AND SALVAGE FOR REINSTALLATION. REINSTALL WATER METER OR REPLACE AS REQUIRED BY THE REGIONAL WATER AUTHORITY RULES AND REGULATIONS. DOMESTIC WATER SERVICE LINE TO BE REPLACED AS DISTURBED BY CONSTRUCTION ACTIVITY, BUT NOT BEYOND PROPERTY LINE.

SYMBOL LEGEND

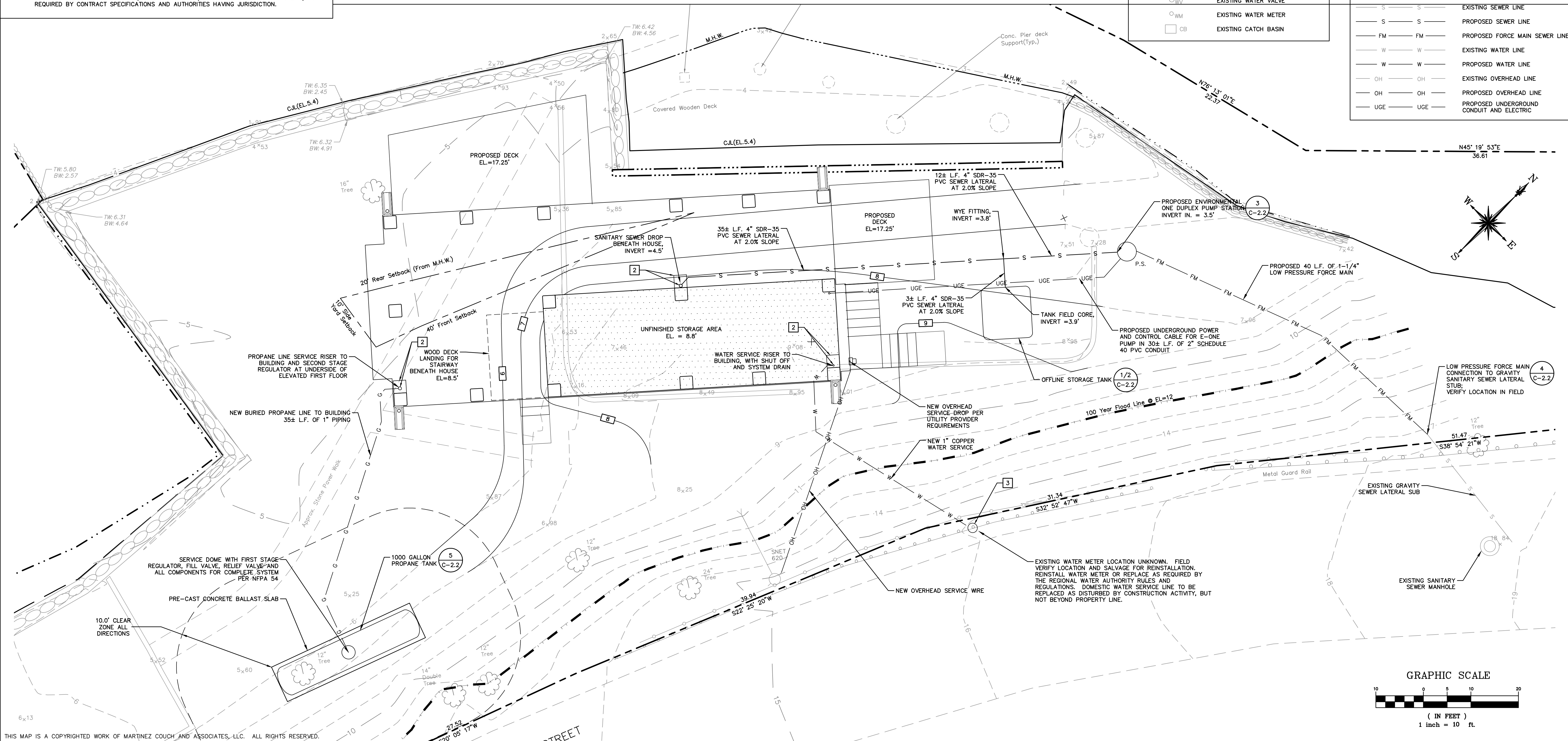
- WORK NOTE**
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X = DETAIL SHEET NUMBER
- PROPOSED HOUSE EDGE
 - PROPOSED WATER METER
 - PROPOSED SANITARY CLENAOUT
 - PROPOSED ROOF LEADER
 - EXISTING MAILBOX
 - EXISTING SPOT GRADE
 - EXISTING SPOT GRADE
 - EXISTING UTILITY POLE
 - PROPOSED ELECTRIC METER
 - PROPOSED GRINDER PUMP
 - EXISTING WATER VALVE
 - EXISTING WATER METER
 - EXISTING CATCH BASIN

LINETYPE LEGEND

- LIMIT OF WORK
- EXISTING STONE WALL
- EXISTING EDGE OF ROAD
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- JURISDICTIONAL ELEVATION
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- PROPOSED GAS LINE
- EXISTING SEWER LINE
- PROPOSED SEWER LINE
- EXISTING FORCE MAIN SEWER LINE
- PROPOSED FORCE MAIN SEWER LINE
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING OVERHEAD LINE
- PROPOSED OVERHEAD LINE
- PROPOSED UNDERGROUND CONDUIT AND ELECTRIC

BUILDING UTILITY GENERAL NOTES

1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
3. IT IS THE PROJECT INTENT TO TURN OVER COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS TO THE OWNER FOR FINAL ACCEPTANCE OF PROJECT WORK.
4. FINAL PAYMENT WILL NOT BE PROCESSED WITHOUT SUBMITTAL OF ALL TESTING REPORTS OR EVIDENCE THEREOF FOR COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS, AS REQUIRED BY CONTRACT SPECIFICATIONS AND AUTHORITIES HAVING JURISDICTION.



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PROJECT 1247
12 JACOB STREET
NORWALK, CONNECTICUT 06853

**ISSUED FOR BID
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
2	2/18/19	ISSUED FOR BIDDING	MBR	MBR	REC
1	12/17/18	ISSUED OF CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
DRAWN: MBR CHECKED: MBR APPROVED: REC SCALE: 1" = 5' DATE: 12/17/18					

SITE UTILITY PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	C-1.3

SEEDING SCHEDULE

PERMANENT SEEDING

PERMANENT SEEDING SHALL BE ACCOMPLISHED WITH ONE OF THE FOLLOWING SEEDING MIXTURES:

SEED MIXTURE	KIND OF AREA:	
	LAWNS AND HIGH MAINTENANCE AREAS	LBS/1,000 SQ.FT.
KENTUCKY BLUEGRASS	20	0.45
CREeping RED FESCUE	20	0.45
PERENNIAL RYEGRASS	5	0.1
TOTAL	45	1.0

TEMPORARY SEEDING RATES AND DATES

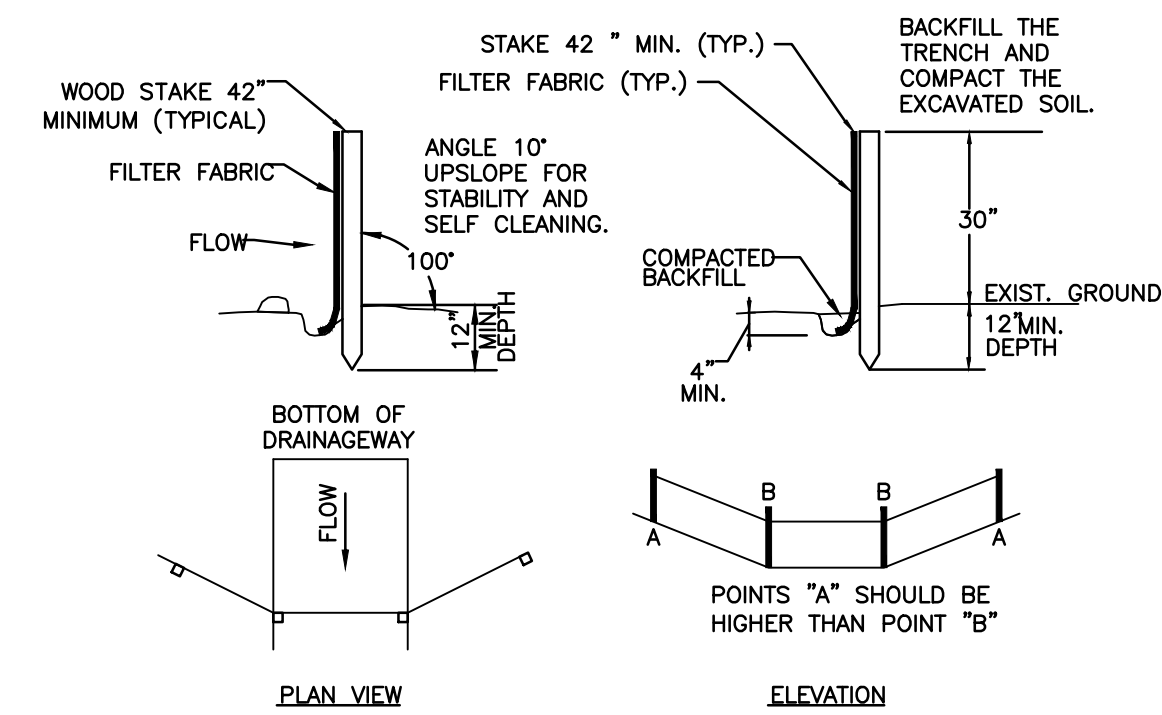
SEED MIXTURE	LBS/ACRE	LBS/1,000 SQ.FT.	DATE (1)(3)	DEPTH (2)
ANNUAL RYEGRASS	40	1.0	8/1-10/1	0.5 INCHES
			3/1-6/15	

SEEDING NOTES:
 (1) MAY BE PLANTED THROUGHOUT SUMMER IF SOIL IS ADEQUATE OR CAN BE IRRIGATED.
 (2) SEED AT TWICE THE INDICATED DEPTH FOR SANDY SOILS.
 SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CT

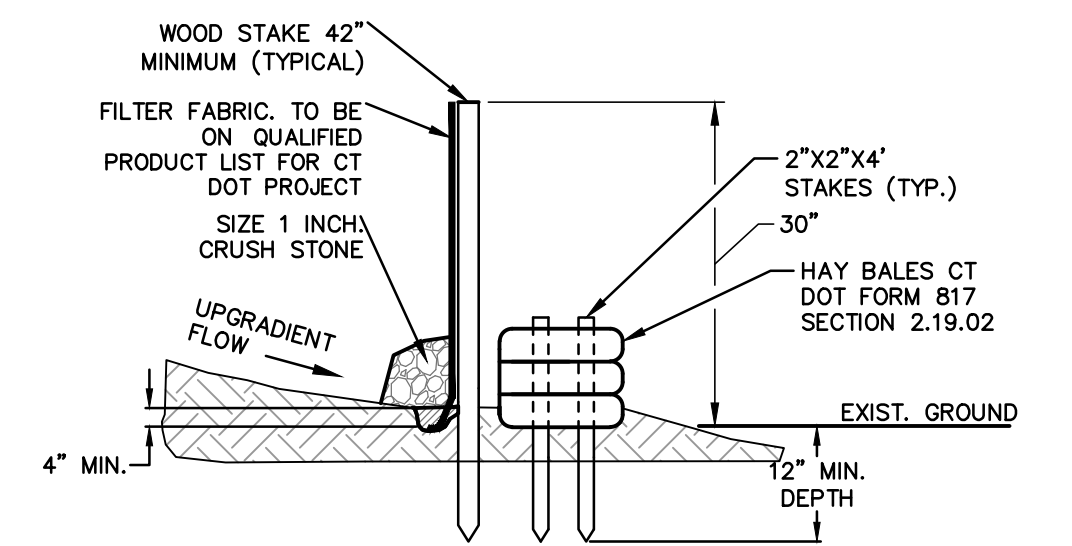
ORGANIC MULCH MATERIALS AND APPLICATION RATES

MULCHES	PER ACRE	PER 1,000 SQ.FT.	NOTES
STRAW OR HAY	1/2-2 TONS	70-90 LBS	FREE FROM MATTER AND COURSE MATTER. MUST BE ANCHORED. SPREAD WITH MULCH BLOWER OR BY HAND.

1 TYPICAL SEEDING SCHEDULE
 C-2.0 N.T.S.

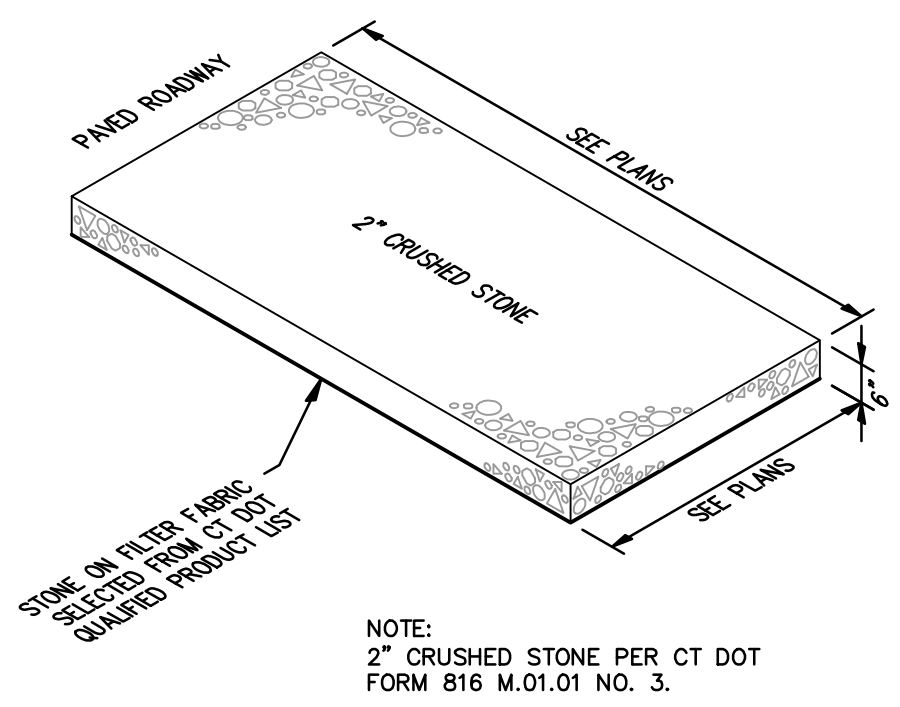


- A) MINIMUM LENGTH OF SILT FENCE IS 15 LF.
 B) MAXIMUM POST SPACING IS 10 LF.
 C) JOINTS ONLY AT SUPPORT POST WITH MINIMUM 6" OVERLAP, SECURELY SEALED.
 D) SEDIMENTATION DEPOSITS SHALL BE REMOVED WHEN THEY REACH 1/2 THE HEIGHT OF THE SILT FENCE.
 E) SILT FENCE SHALL NOT BE USED IN A WATER COURSE.
 F) UPON ESTABLISHMENT OF GROUND COVER ON DISTURBED AREAS, AND WHEN DIRECTED BY THE ENGINEER, FENCE WILL BE REMOVED AND ANY SEDIMENTATION WILL BE THINLY SPREAD UPON EXISTING GROUND COVER.

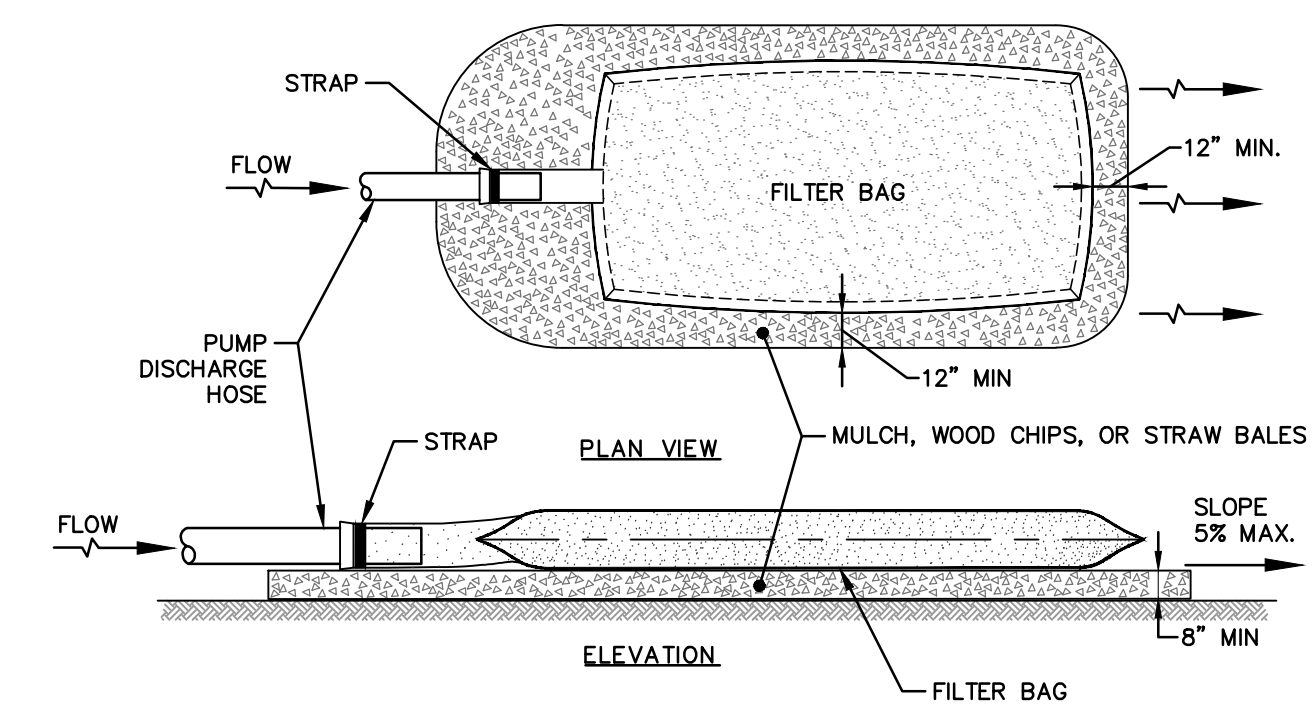


NOTE:
 1. CT DOT FORM B17 SECTION 2.19

2 TYPICAL SILTATION FENCE/HAYBALE INSTALLATION
 C-2.0 N.T.S.



3 TYPICAL CONSTRUCTION TRACKPAD
 C-2.0 N.T.S.



NOTES

- TIGHTLY SEAL SLEEVE AROUND THE PUMP DISCHARGE HOSE WITH A STRAP OR SIMILAR DEVICE.
 - PLACE FILTER BAG ON SUITABLE BASE (E.G., MULCH, LEAF/WOOD COMPOST, WOODCHIPS, SAND, OR STRAW BALES) LOCATED ON A LEVEL OR 5% MAXIMUM SLOPING SURFACE. DISCHARGE TO A STABILIZED AREA. EXTEND BASE A MINIMUM OF 12 INCHES FROM EDGES OF BAG.
 - CONTROL PUMPING RATE TO PREVENT EXCESSIVE PRESSURE WITHIN THE FILTER BAG IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. AS THE BAG FILLS WITH SEDIMENT, REDUCE PUMPING RATE.
 - REMOVE AND PROPERLY DISPOSE OF FILTER BAG UPON COMPLETION OF PUMPING OPERATIONS OR AFTER BAG HAS REACHED CAPACITY, WHICHEVER OCCURS FIRST. SPREAD THE DEWATERED SEDIMENT FROM THE BAG IN AN APPROVED UPLAND AREA AND STABILIZE WITH SEED AND MULCH BY THE END OF THE WORK DAY. RESTORE THE SURFACE AREA BENEATH THE BAG TO ORIGINAL CONDITION UPON REMOVAL OF THE DEVICE.
 - USE NONWOVEN GEOTEXTILE WITH DOUBLE STITCHED SEAMS USING HIGH STRENGTH THREAD. SIZE SLEEVE TO ACCOMMODATE A MAXIMUM 4 INCH DIAMETER PUMP DISCHARGE HOSE. THE BAG MUST BE MANUFACTURED FROM A NONWOVEN GEOTEXTILE THAT MEETS OR EXCEEDS MINIMUM AVERAGE ROLL VALUES (MARV) FOR THE FOLLOWING:
- | | | |
|-----------------------------------|----------------------------|-------------|
| GRAB TENSILE | 250 LB | ASTM D-4632 |
| PUNCTURE | 150 LB | ASTM D-4833 |
| FLOW RATE | 70 GAL/MIN/FT ² | ASTM D-4491 |
| PERMITTIVITY (SEC ⁻¹) | 1.2 SEC ⁻¹ | ASTM D-4491 |
| UV RESISTANCE | 70% STRENGTH @ 500 HOURS | ASTM D-4365 |
| APPARENT OPENING SIZE (AOS) | 0.15-0.18 MM | ASTM D-4751 |
| SEAM STRENGTH | 90% | ASTM D-4632 |
- REPLACE FILTER BAG IF BAG CLOGS OR HAS RIPS, TEARS, OR PUNCTURES. DURING OPERATION KEEP CONNECTION BETWEEN PUMP HOSE AND FILTER BAG WATER TIGHT. REPLACE BEDDING IF IT BECOMES DISPLACED.

4 TYPICAL PUMPED DEWATERING BAG
 C-2.0 N.T.S.

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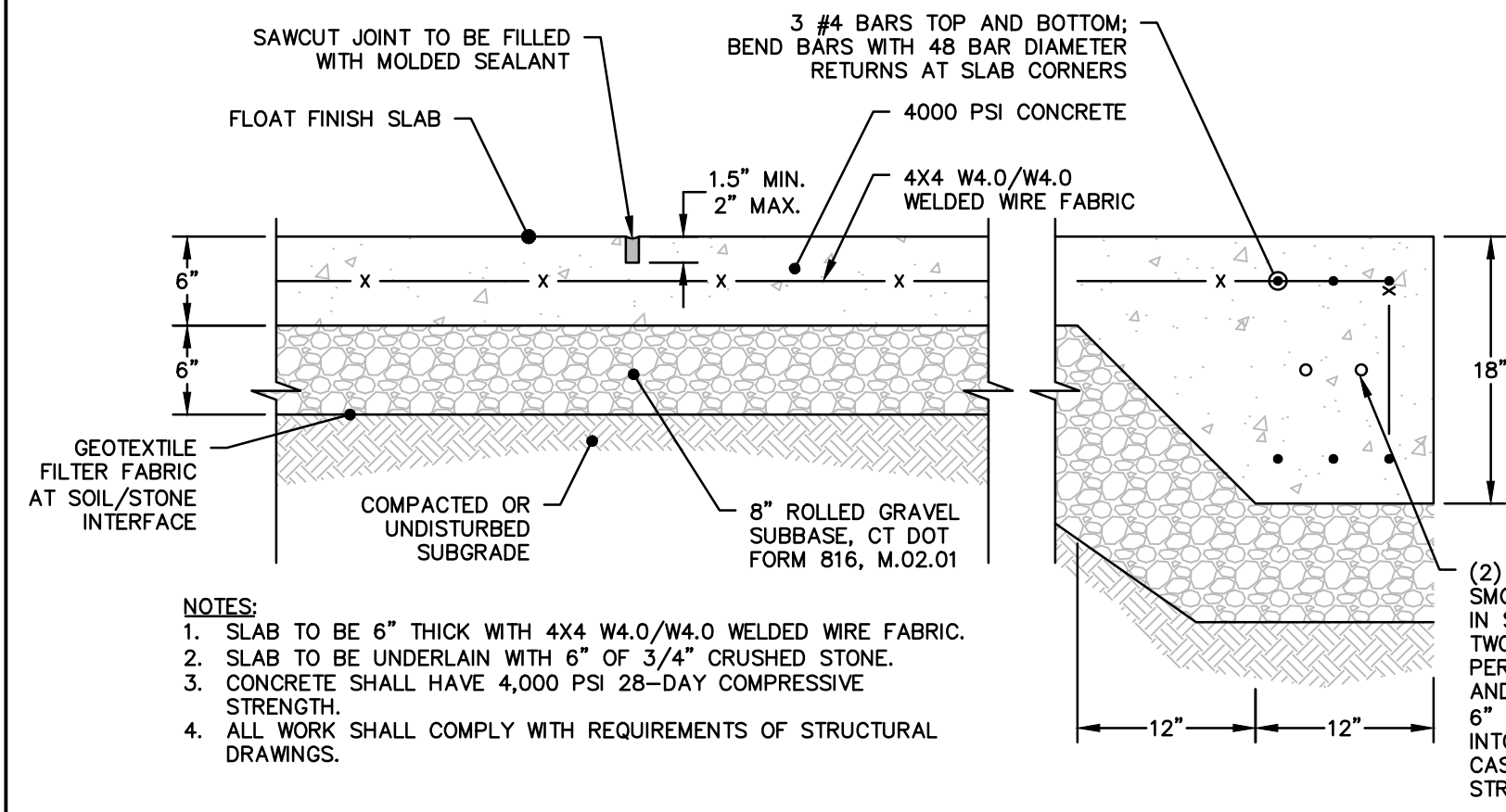
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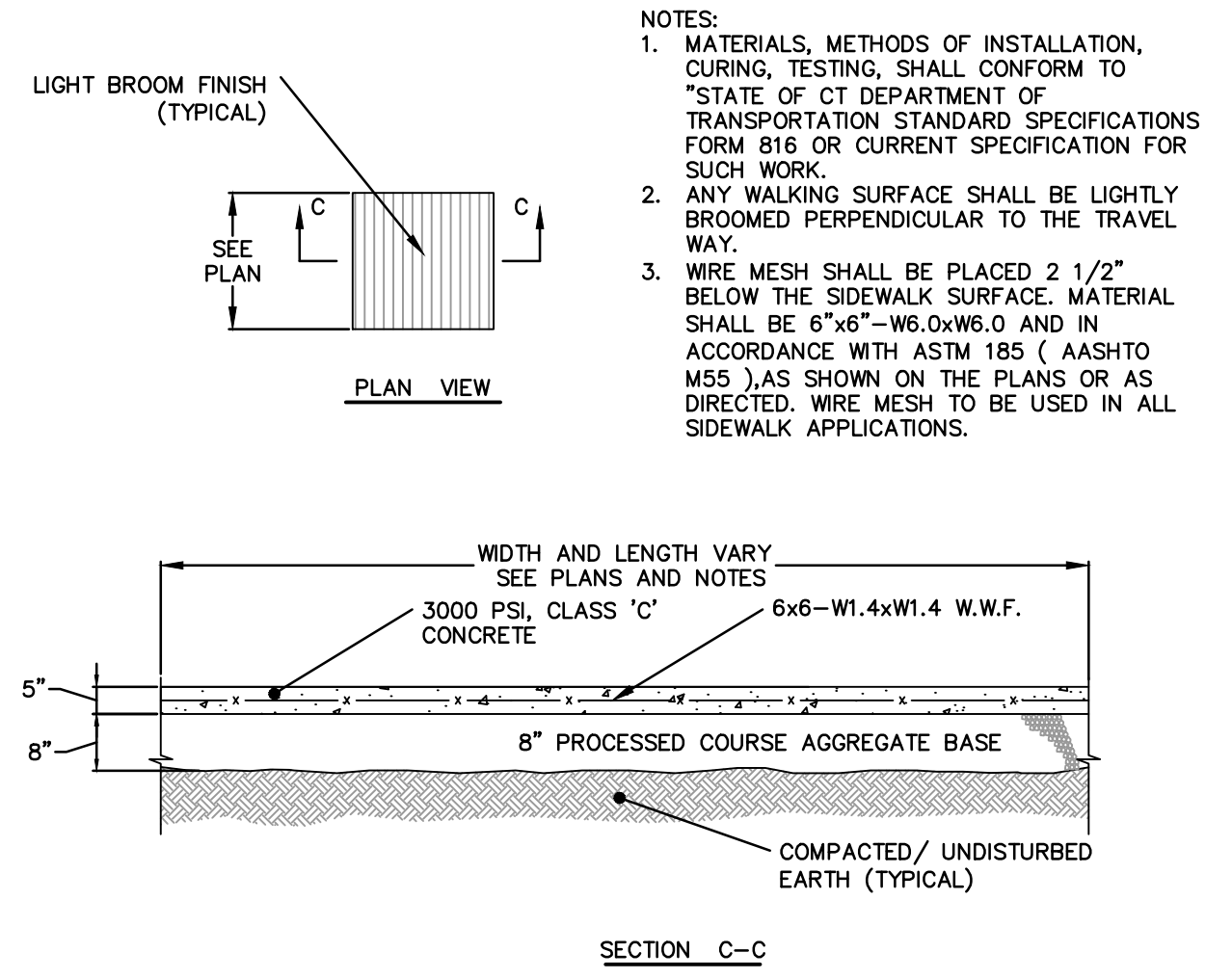
**SOIL EROSION AND
 SEDIMENT CONTROL DETAILS**

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	B3-262-1247-BASE.dwg	C-2.0



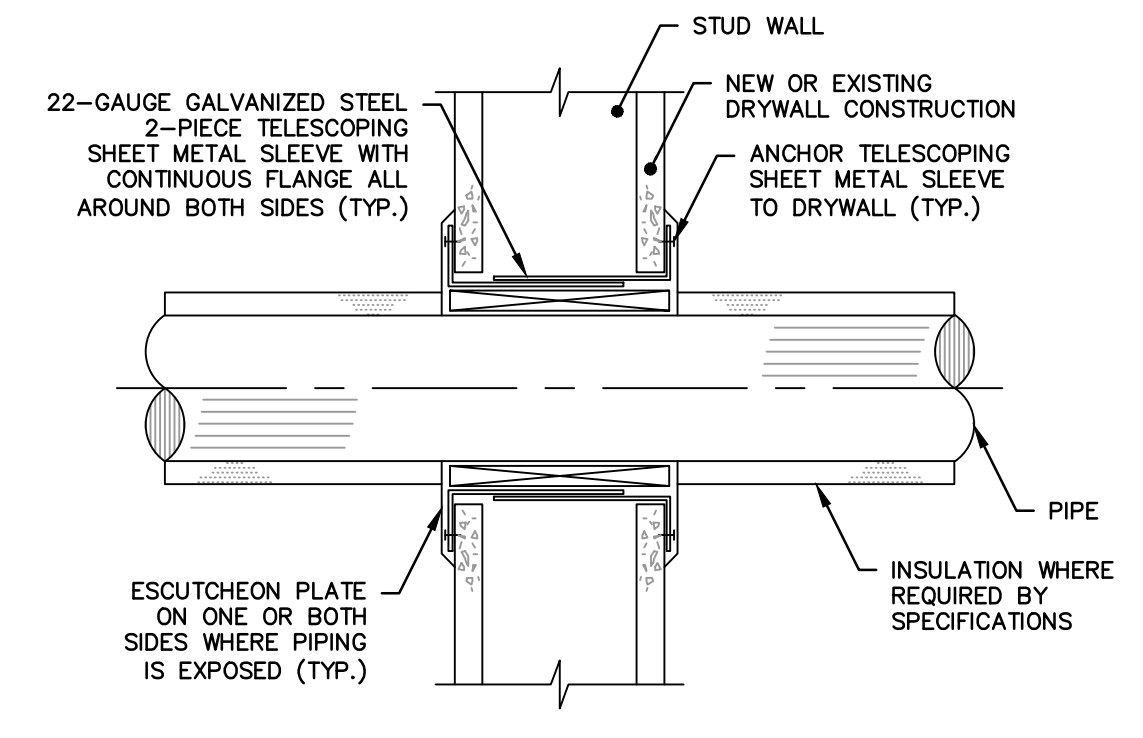
- NOTES:
1. SLAB TO BE 6" THICK WITH 4X4 W4.0/W4.0 WELDED WIRE FABRIC.
 2. SLAB TO BE UNDERLAIN WITH 6" OF 3/4" CRUSHED STONE.
 3. CONCRETE SHALL HAVE 4,000 PSI 28-DAY COMPRESSIVE STRENGTH.
 4. ALL WORK SHALL COMPLY WITH REQUIREMENTS OF STRUCTURAL DRAWINGS.

1 CONCRETE SLAB STORAGE AREA
C-2.1 N.T.S.

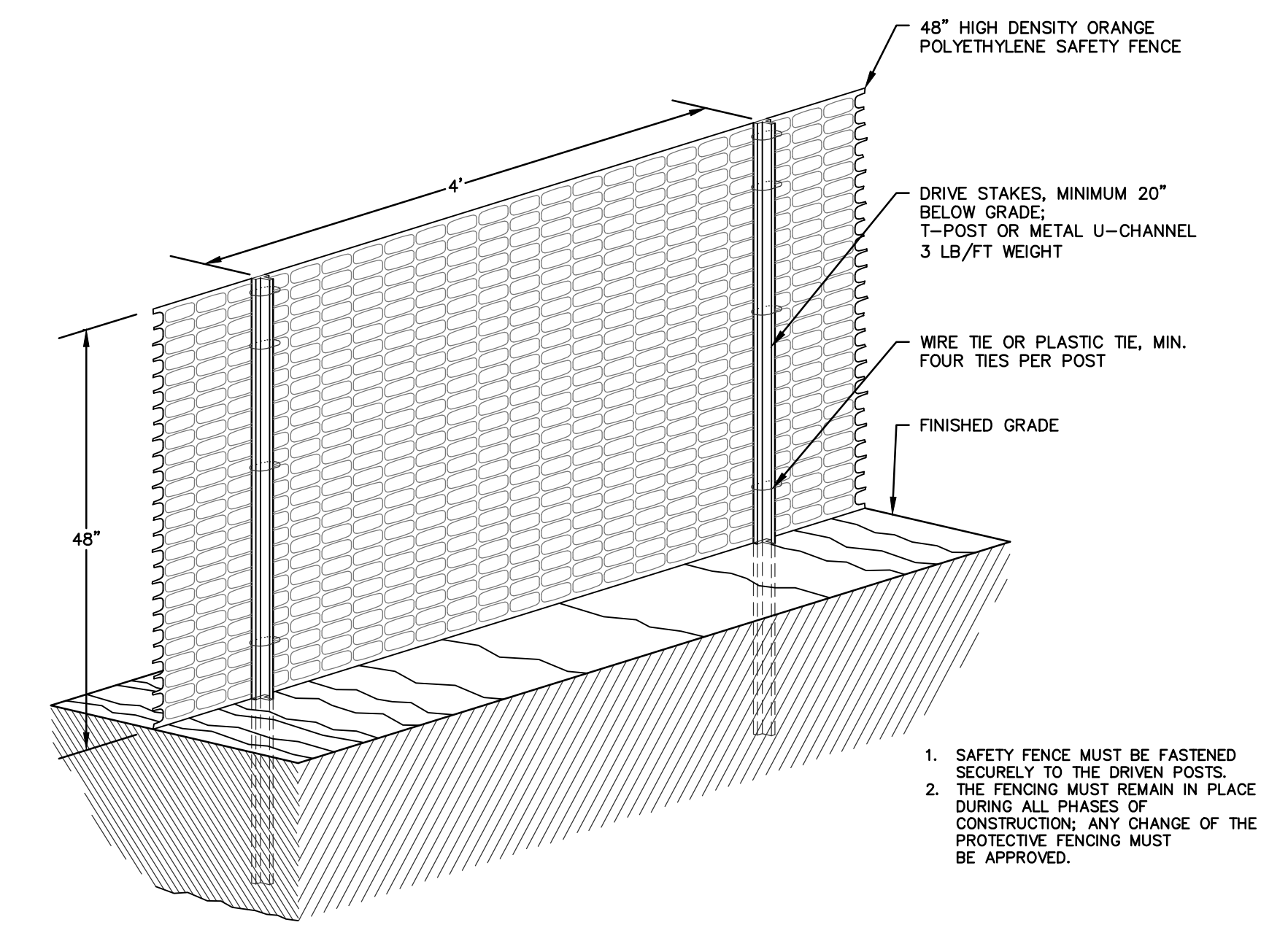


- NOTES:
1. MATERIALS, METHODS OF INSTALLATION, CURING, TESTING, SHALL CONFORM TO "STATE OF CT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FORM 816 OR CURRENT SPECIFICATION FOR SUCH WORK."
 2. ANY WALKING SURFACE SHALL BE LIGHTLY BROOMED PERPENDICULAR TO THE TRAVEL WAY.
 3. WIRE MESH SHALL BE PLACED 2 1/2" BELOW THE SIDEWALK SURFACE. MATERIAL SHALL BE 6"x6"-W6.0xW6.0 AND IN ACCORDANCE WITH ASTM 185 (AASHTO M55), AS SHOWN ON THE PLANS OR AS DIRECTED. WIRE MESH TO BE USED IN ALL SIDEWALK APPLICATIONS.

2 TYPICAL CONCRETE PAD
C-2.1 N.T.S.

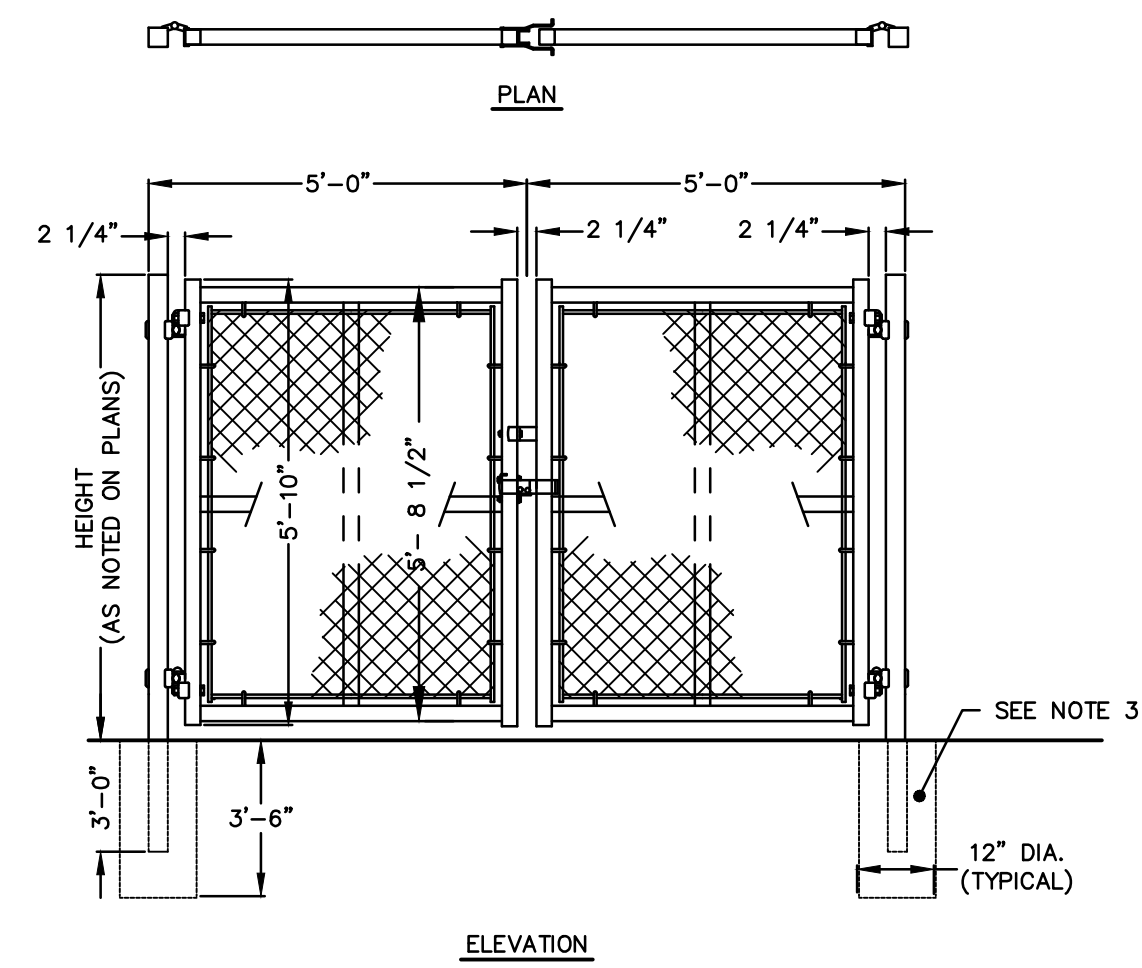


3 TYPICAL WALL/FLOOR PENETRATION
C-2.1 N.T.S.



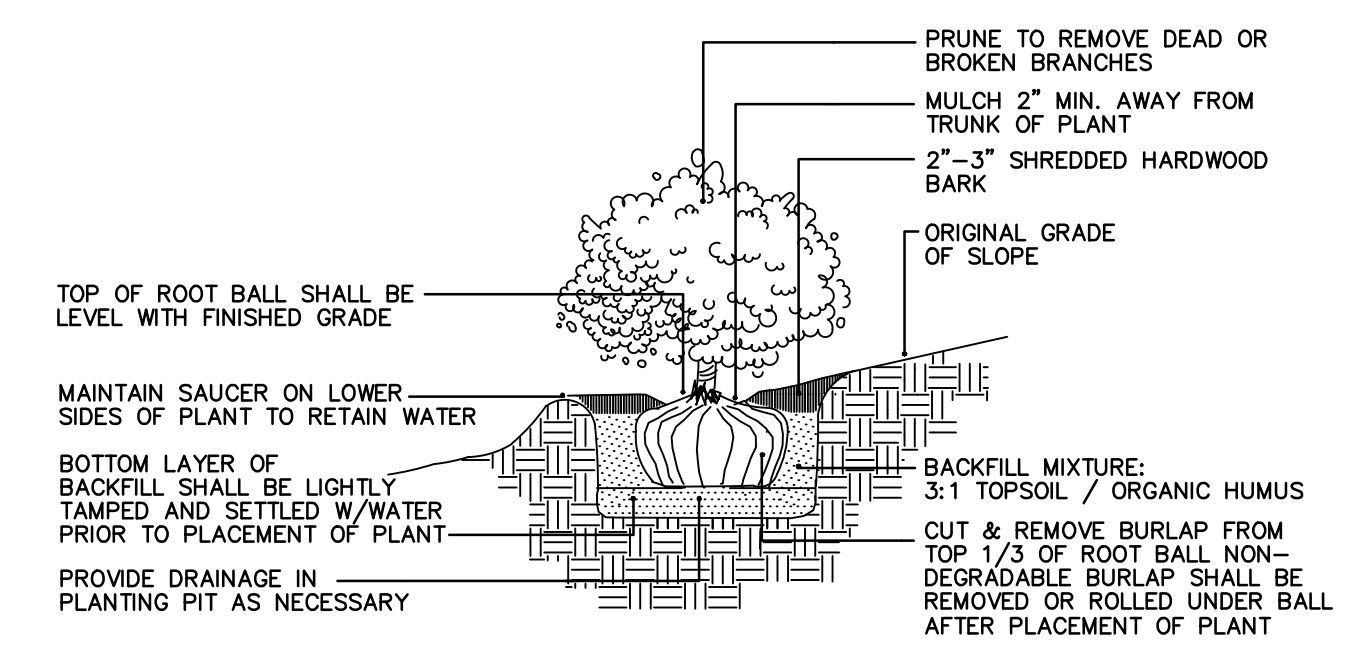
1. SAFETY FENCE MUST BE FASTENED SECURELY TO THE DRIVEN POSTS.
2. THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION. ANY CHANGE OF THE PROTECTIVE FENCING MUST BE APPROVED.

4 TYPICAL PORTABLE CONSTRUCTION CHAIN LINK FENCE
C-2.1 N.T.S.



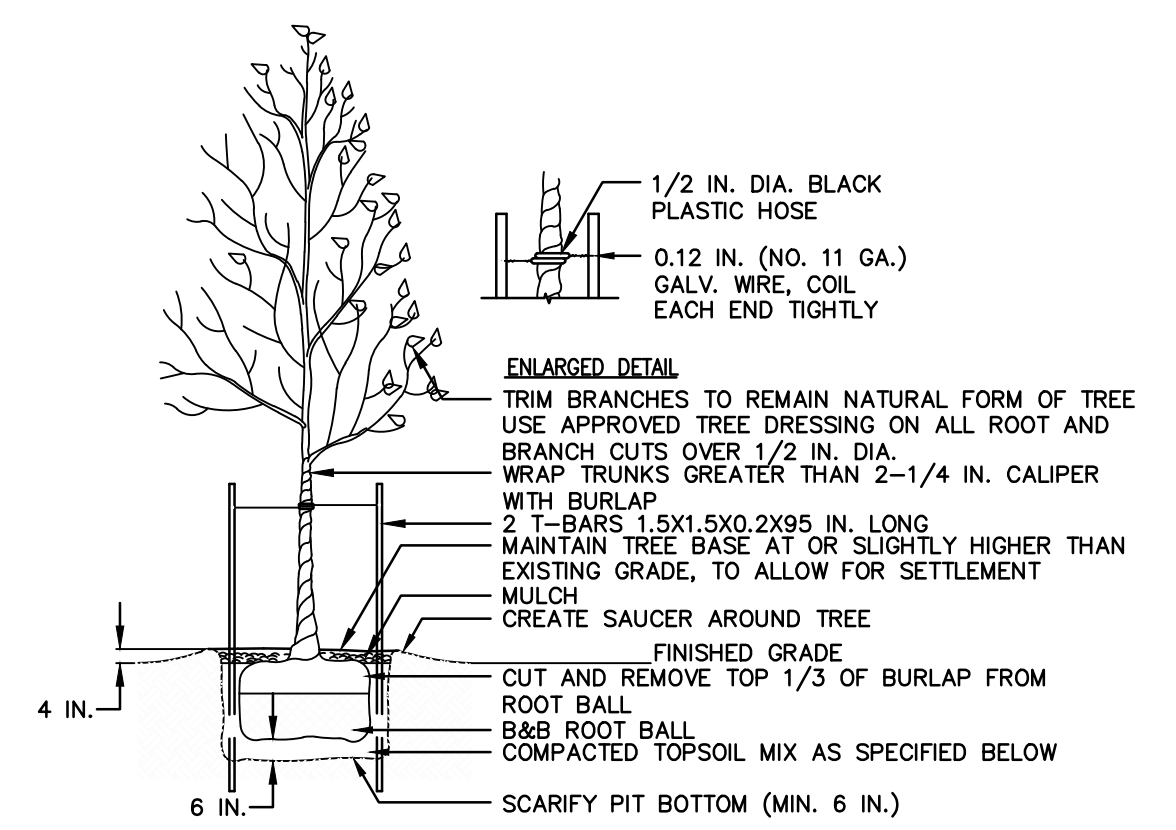
- NOTES:
1. GATES SHOULD OPEN TOWARD SITE, AWAY FROM STREET.
 2. GATES SHALL HAVE LOCKING MECHANISM THAT CAN BE PADLOCKED.
 3. METAL TRIPODS MAY BE USED FOR BOTTOM SUPPORTS INSTEAD OF MOUNTING INTO THE GROUND.
 4. MATERIALS, METHODS OF INSTALLATION SHALL BE CONFORM TO "STATE OF CT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FORM 817 M.10.05" OR CURRENT SPECIFICATION FOR SUCH WORK.

5 TYPICAL DOUBLE LEAF CHAIN LINK FENCE GATE
C-2.1 N.T.S.



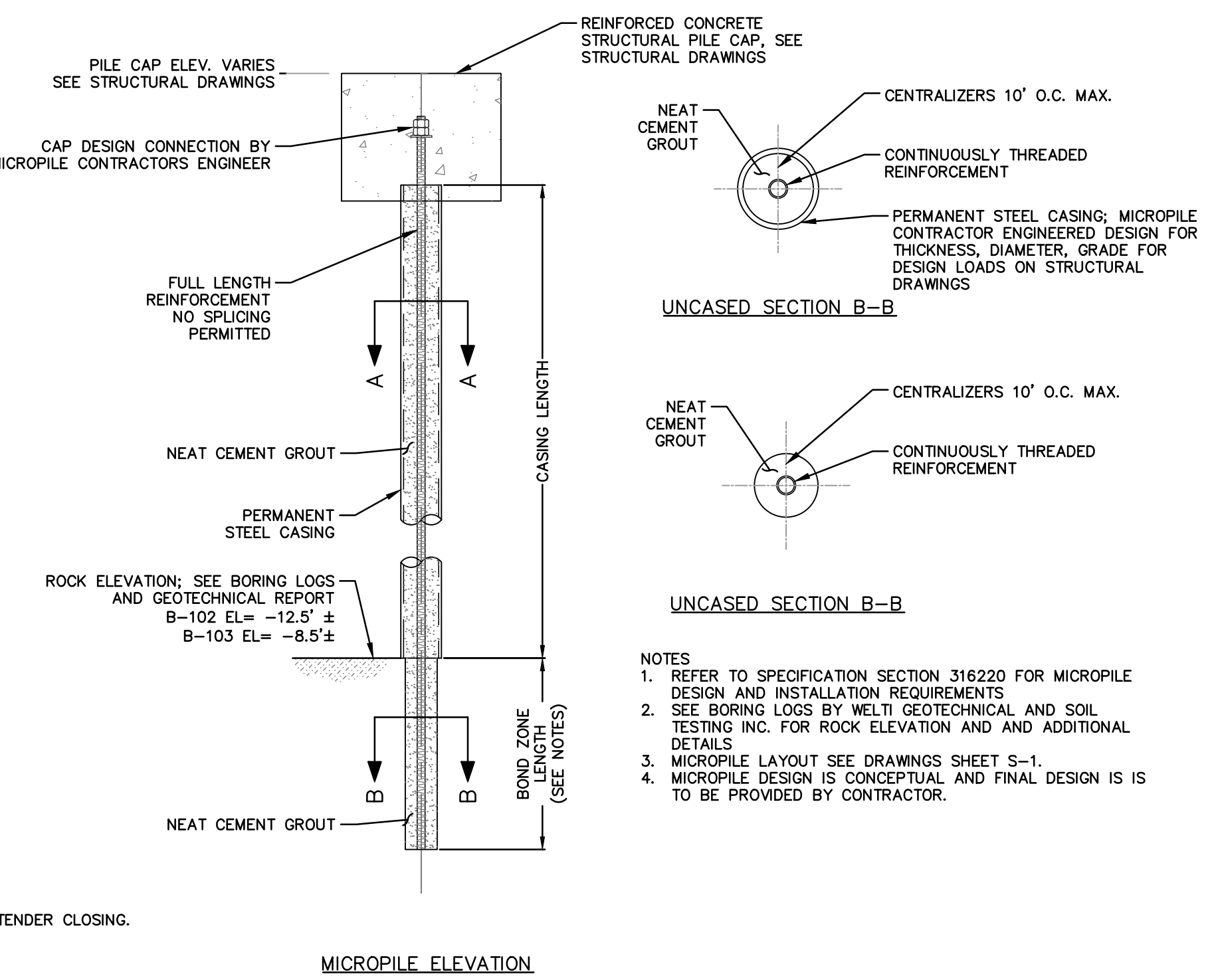
- PRUNE TO REMOVE DEAD OR BROKEN BRANCHES
MULCH 2" MIN. AWAY FROM TRUNK OF PLANT
2"-3" SHREDDED HARDWOOD BARK
ORIGINAL GRADE OF SLOPE
TOP OF ROOT BALL SHALL BE LEVEL WITH FINISHED GRADE
MAINTAIN SAUCER ON LOWER SIDES OF PLANT TO RETAIN WATER
BOTTOM LAYER OF BACKFILL SHALL BE LIGHTLY TAMPED AND SETTLED W/WATER PRIOR TO PLACEMENT OF PLANT
PROVIDE DRAINAGE IN PLANTING PIT AS NECESSARY
BACKFILL MIXTURE: 3:1 TOPSOIL / ORGANIC HUMUS
CUT & REMOVE BURLAP FROM TOP 1/3 OF ROOT BALL NON-DEGRADABLE BURLAP SHALL BE REMOVED OR ROLLED UNDER BALL AFTER PLACEMENT OF PLANT

6 TYPICAL SHRUB
C-2.1 N.T.S.



- ENLARGED DETAIL
TRIM BRANCHES TO REMAIN NATURAL FORM OF TREE USE APPROVED TREE DRESSING ON ALL ROOT AND BRANCH CUTS OVER 1/2 IN. DIA. WRAP TRUNKS GREATER THAN 2-1/4 IN. CALIPER WITH BURLAP
2 T-BARS 1.5X1.5X0.2X95 IN. LONG MAINTAIN TREE BASE AT OR SLIGHTLY HIGHER THAN EXISTING GRADE, TO ALLOW FOR SETTLEMENT MULCH
CREATE SAUCER AROUND TREE
FINISHED GRADE
CUT AND REMOVE TOP 1/3 OF BURLAP FROM B&B ROOT BALL
COMPACTED TOPSOIL MIX AS SPECIFIED BELOW
SCARIFY PIT BOTTOM (MIN. 6 IN.)

7 TYPICAL DECIDUOUS TREE
C-2.1 N.T.S.



- NOTES:
1. REFER TO SPECIFICATION SECTION 316220 FOR MICROPILE DESIGN AND INSTALLATION REQUIREMENTS
 2. SEE BORING LOGS BY WELTI GEOTECHNICAL AND SOIL TESTING INC. FOR ROCK ELEVATION AND ADDITIONAL DETAILS
 3. MICROPILE LAYOUT SEE DRAWINGS SHEET S-1.
 4. MICROPILE DESIGN IS CONCEPTUAL AND FINAL DESIGN IS TO BE PROVIDED BY CONTRACTOR.

8 TYPICAL MICROPILE
C-2.1 N.T.S.

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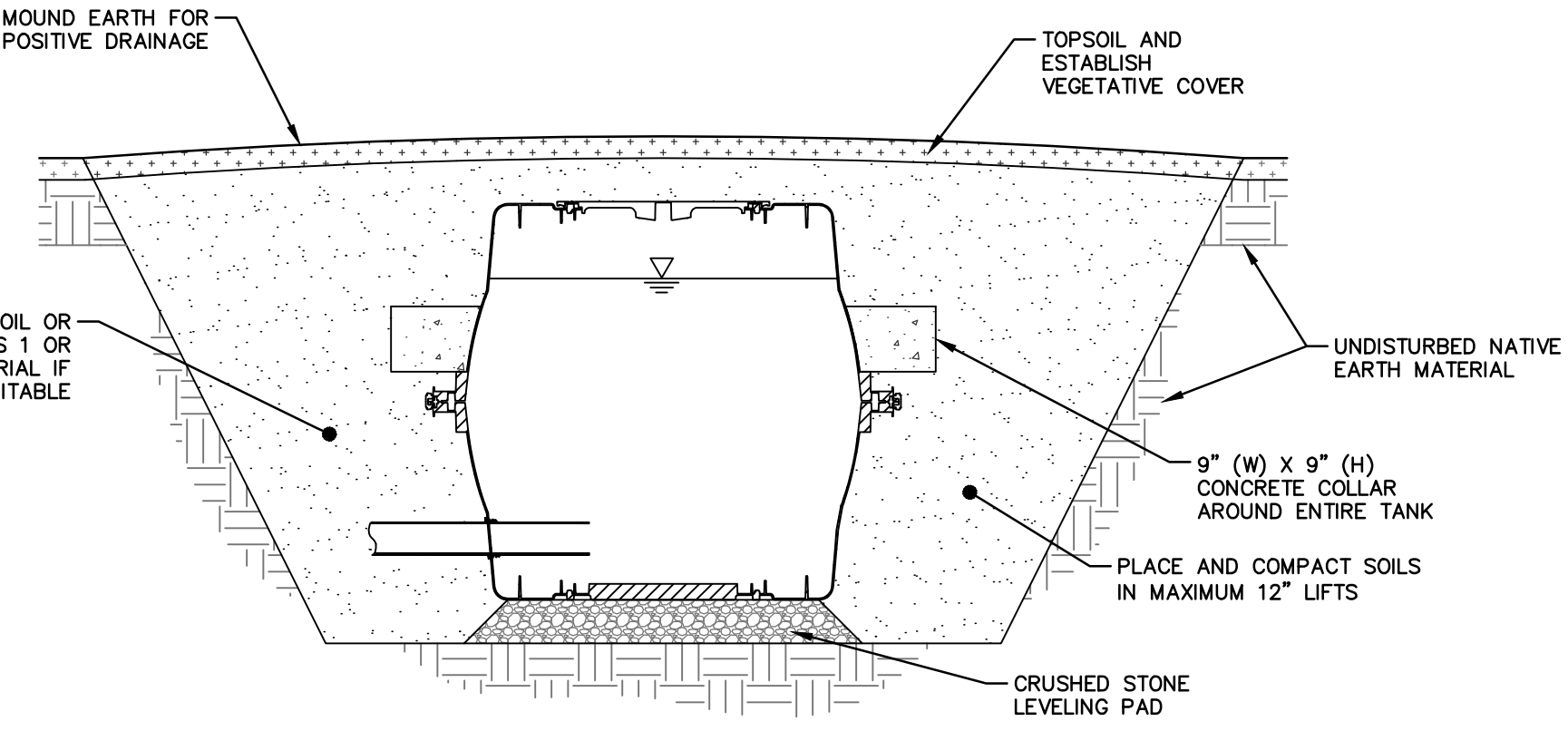
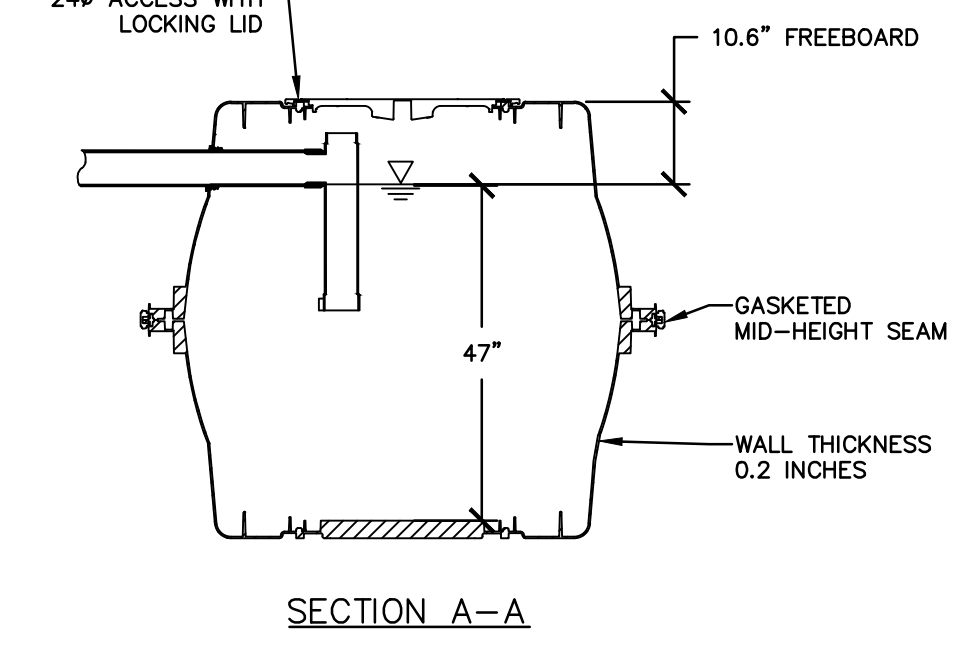
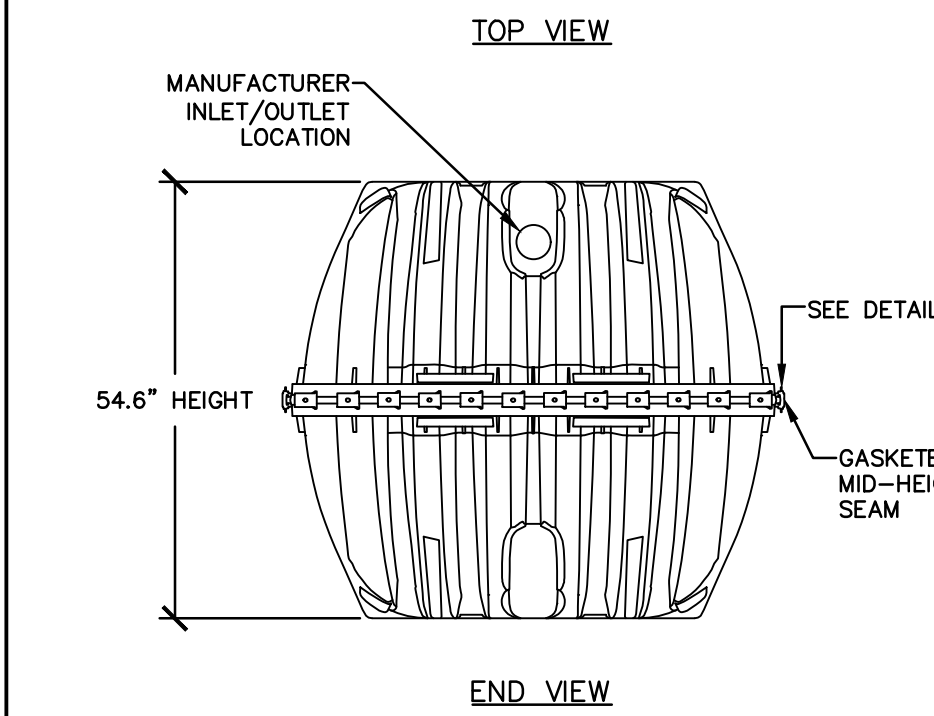
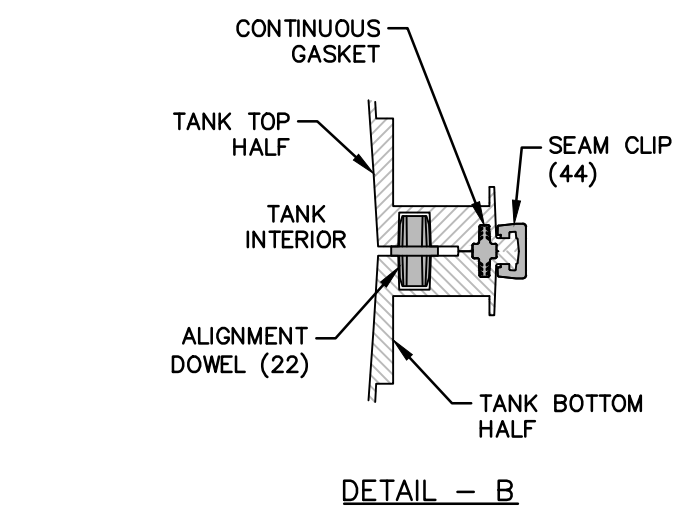
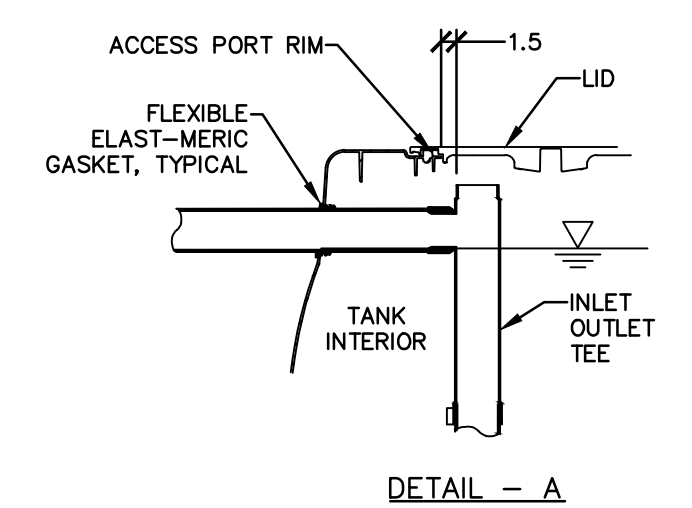
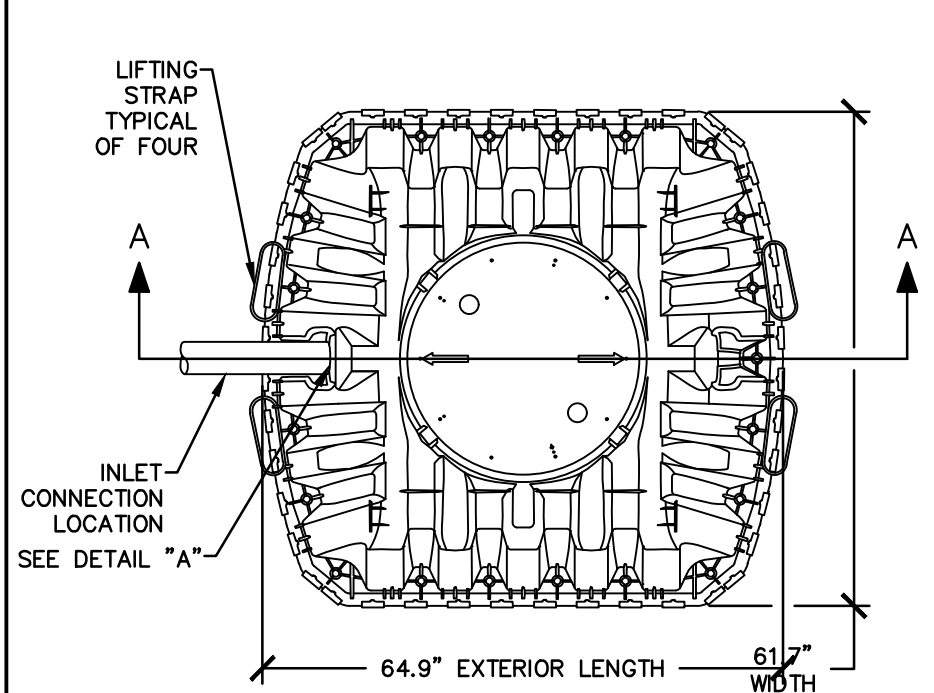
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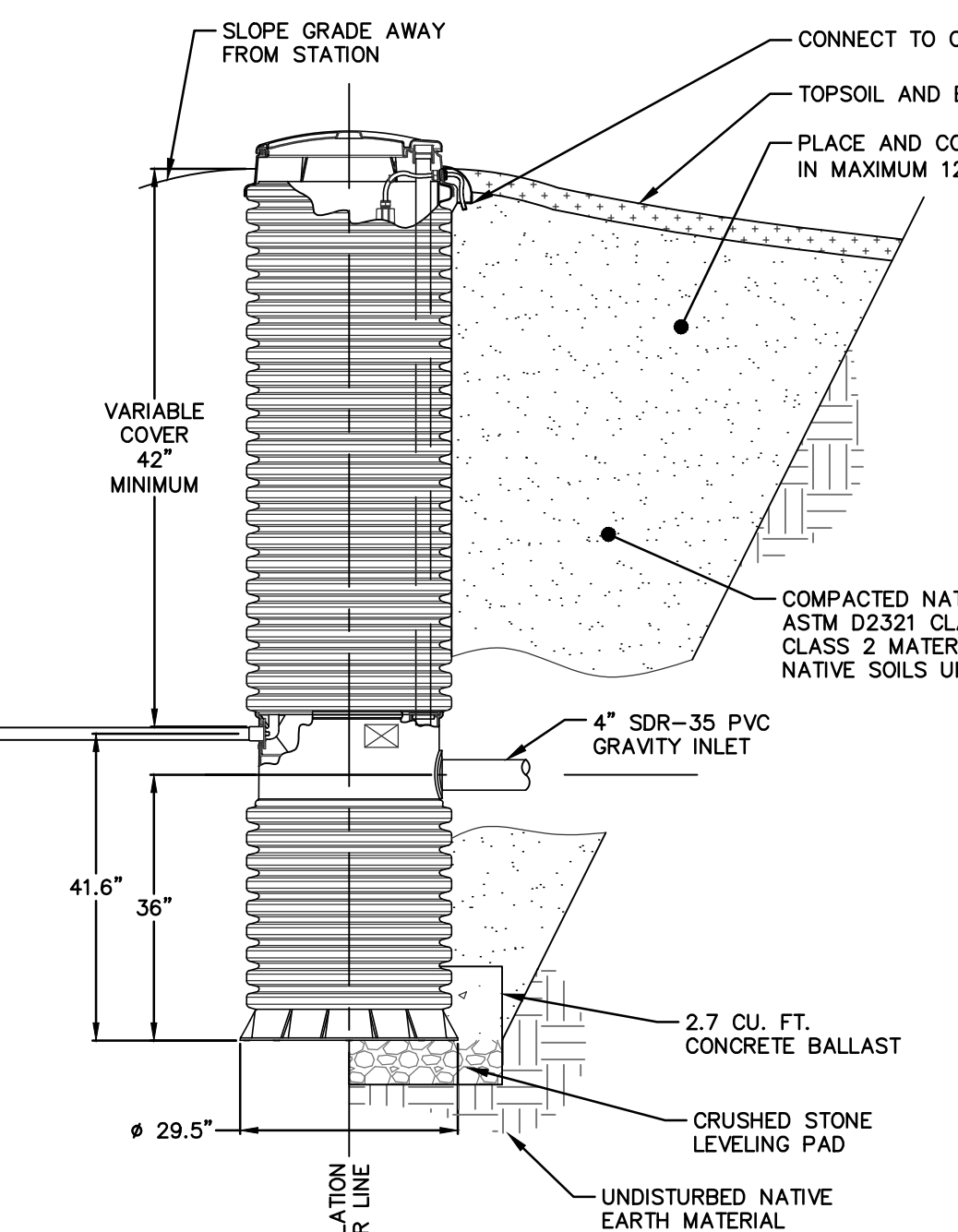
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SITE DETAILS

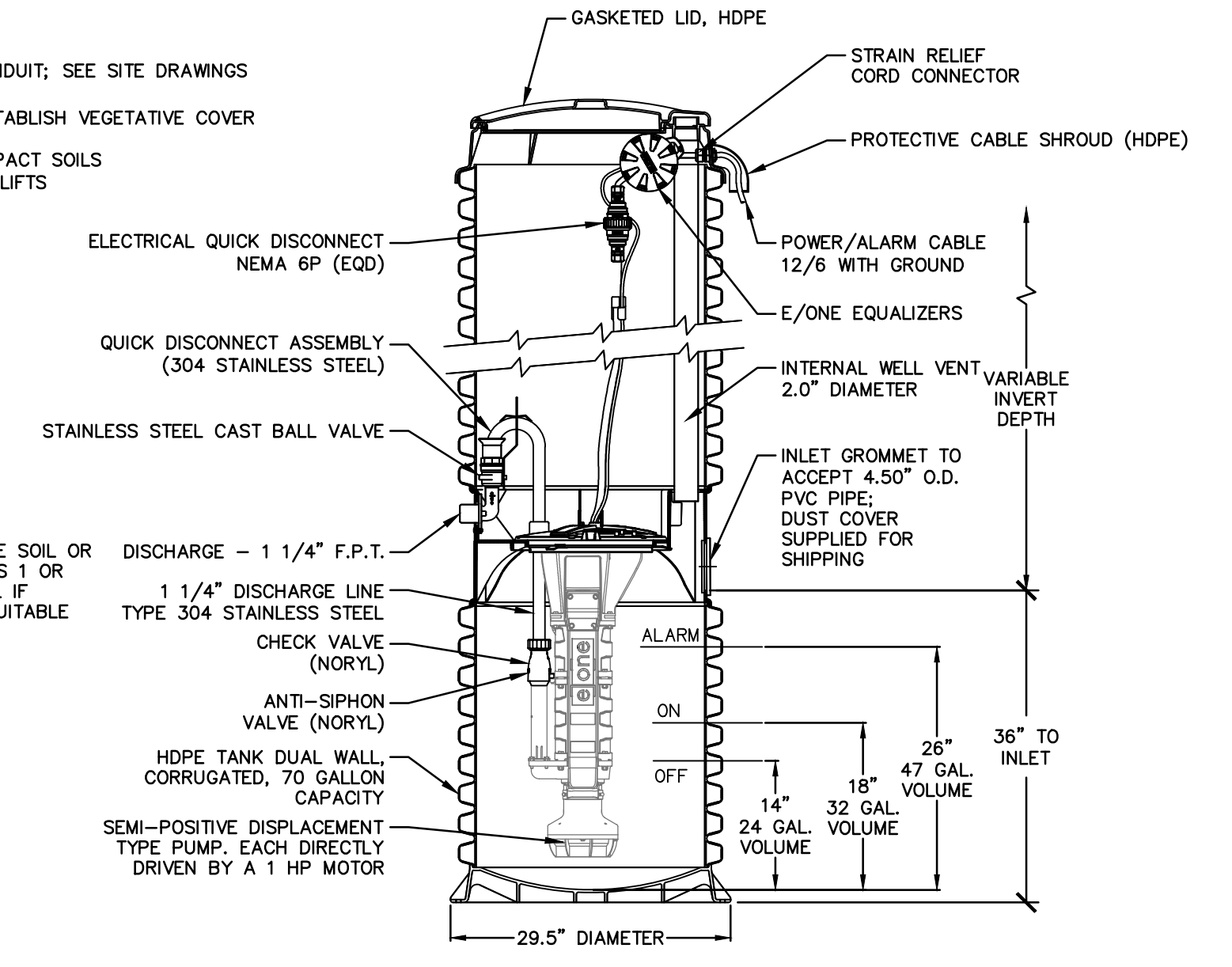
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	B3-262-1247-BASE.dwg	C-2.1



2 HOLDING TANK - INSTALLATION
C-2.2 N.T.S.

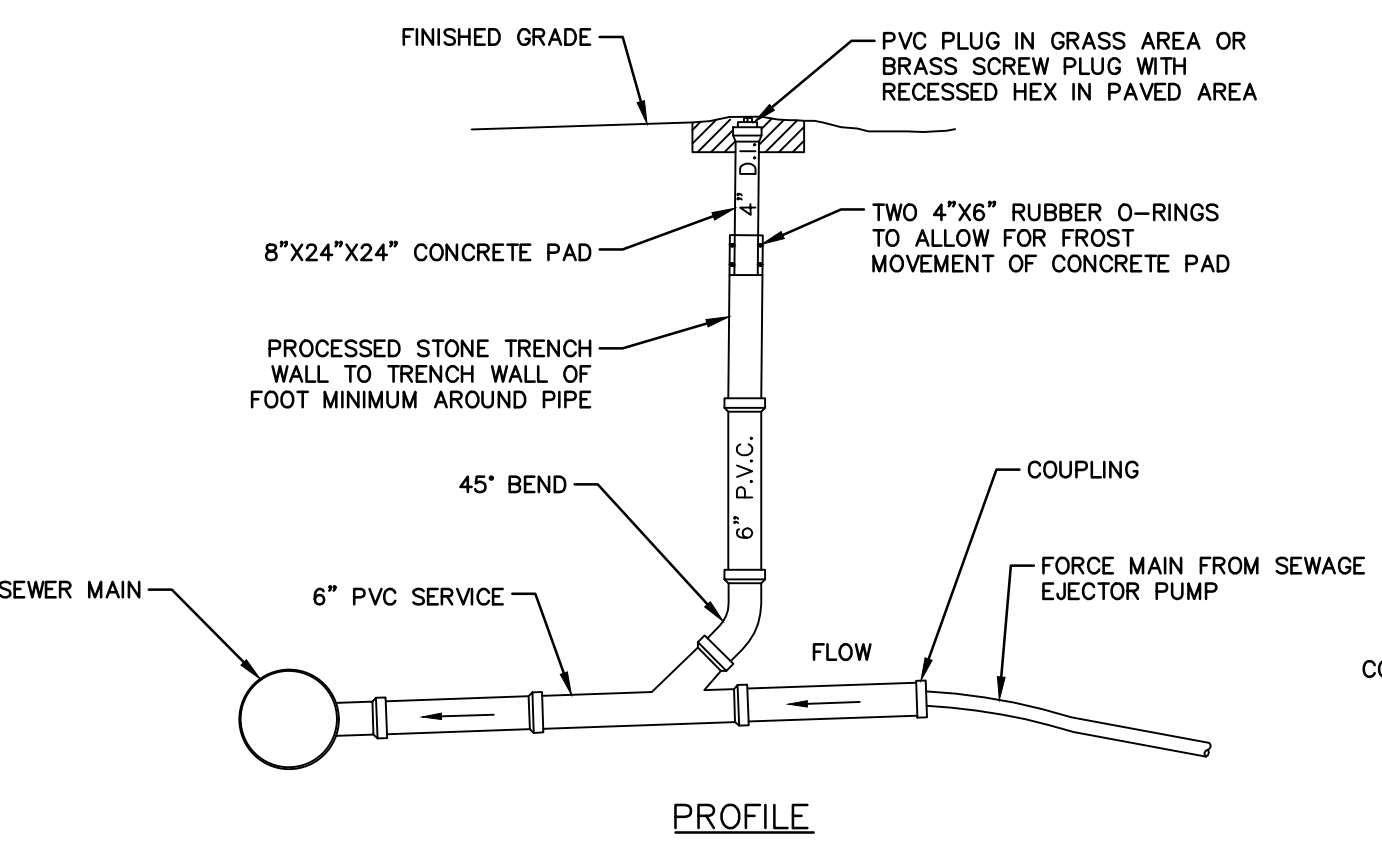
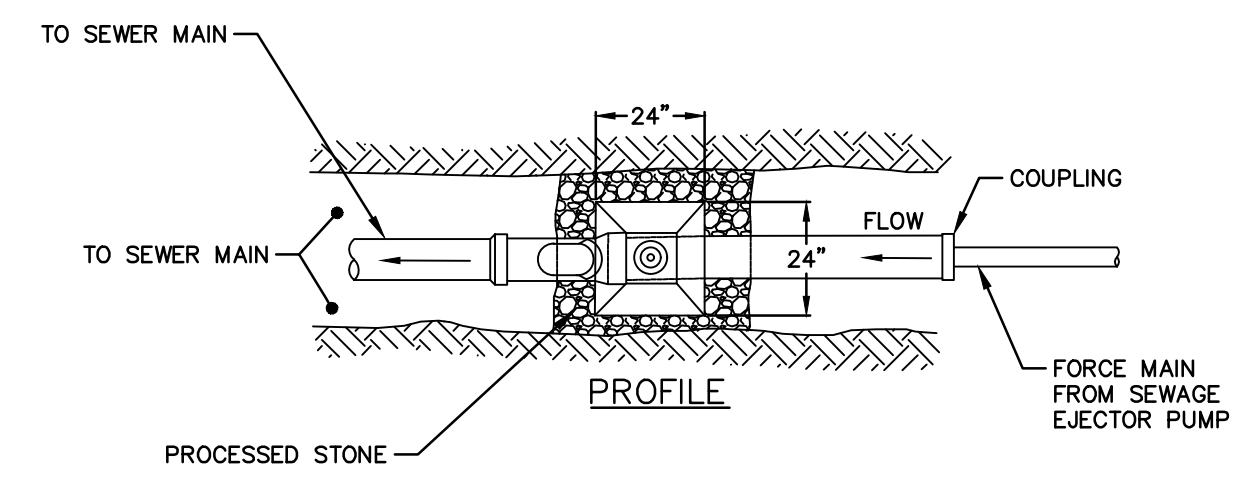


3 PACKAGED SEWER GRINDER PUMP STATION
C-2.2 N.T.S.

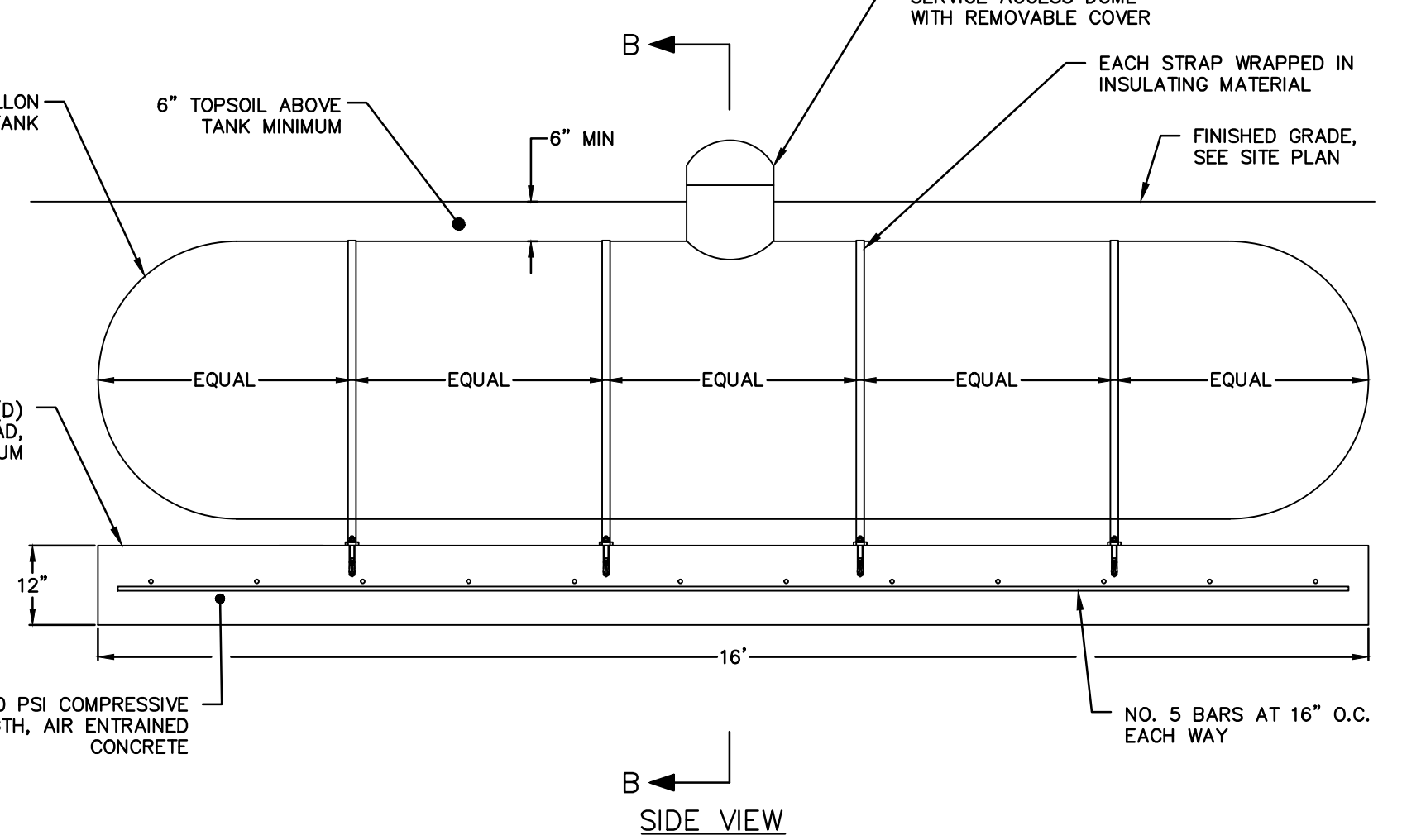
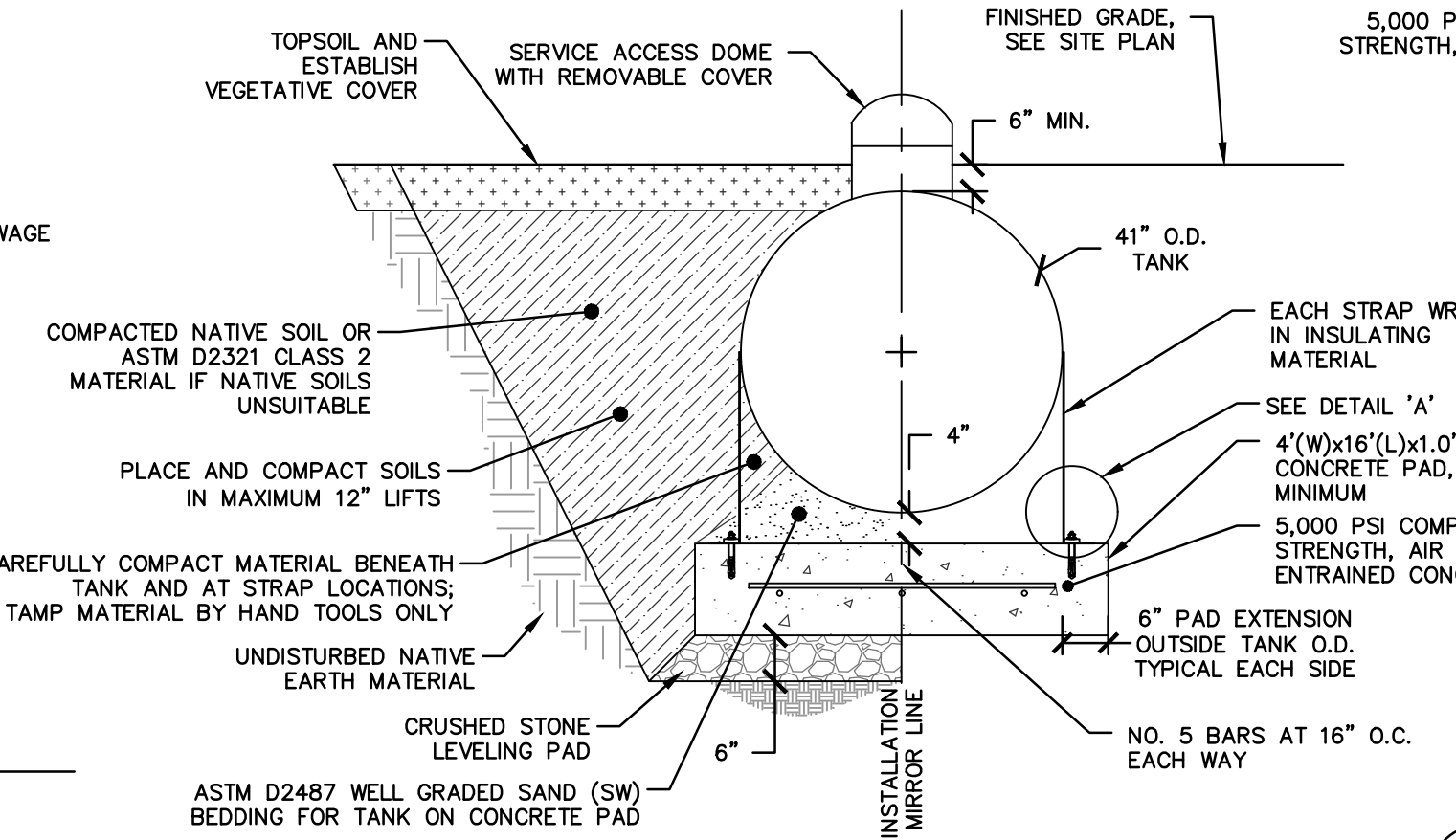
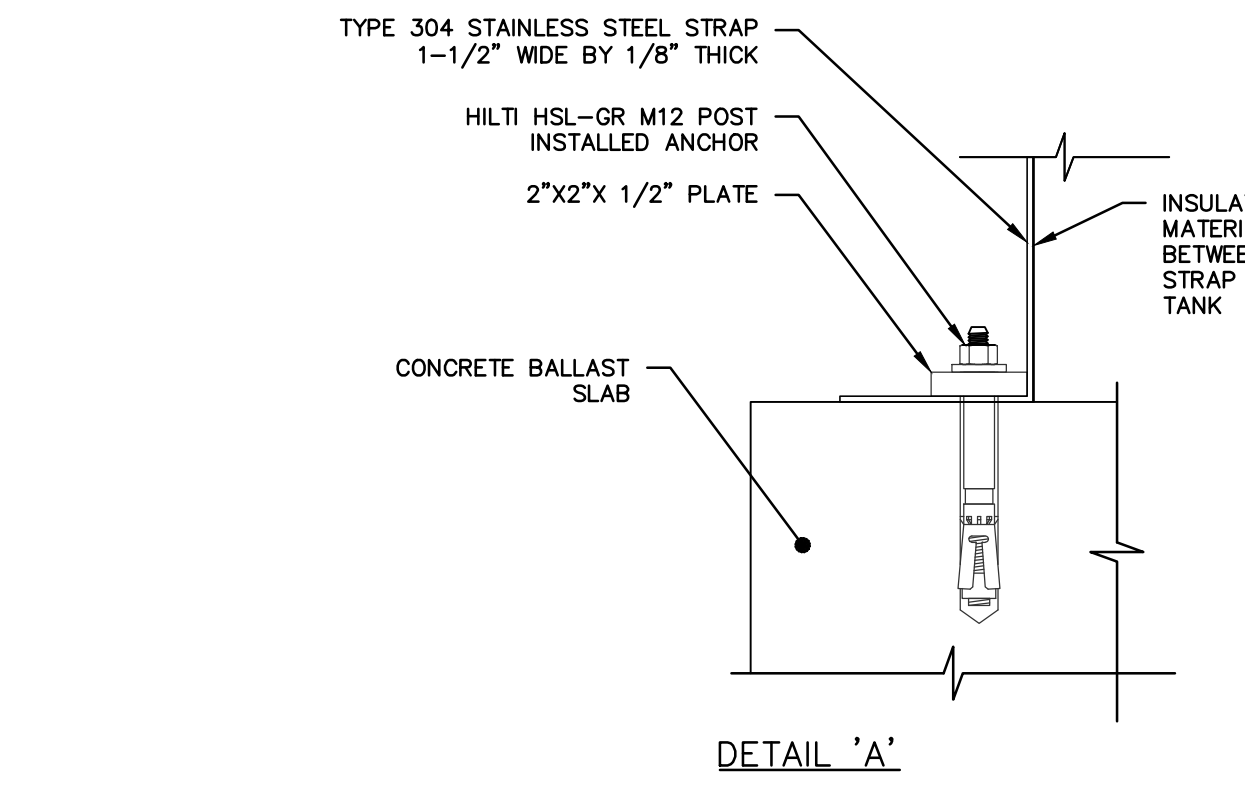


- NOTES
- TANK IS INTENDED FOR USE AS OFFLINE STORAGE ONLY
 - TANK BASIS OF DESIGN IS INFILTRATOR 540M WITH INJECTION MOLDED POLYPROPYLENE CONSTRUCTION
 - STORAGE CAPACITY TOTAL - 552 GALLONS
 - WEIGHT - 169 POUNDS
 - MAX BURY DEPTH - 48"
 - MINIMUM BURY DEPTH - 6"
3. TANK MUST BE BACKFILLED AND INSTALLED ACCORDING TO INFILTRATOR WATER TECHNOLOGIES, INFILTRATION IM-SERIES SEPTIC TANK GENERAL INSTALLATION INSTRUCTIONS
4. METHOD OF MANUFACTURE - INJECTION MOLDED POLYPROPYLENE

1 OFFLINE SEPTIC HOLDING TANK - 550 GALLON
C-2.2 N.T.S.

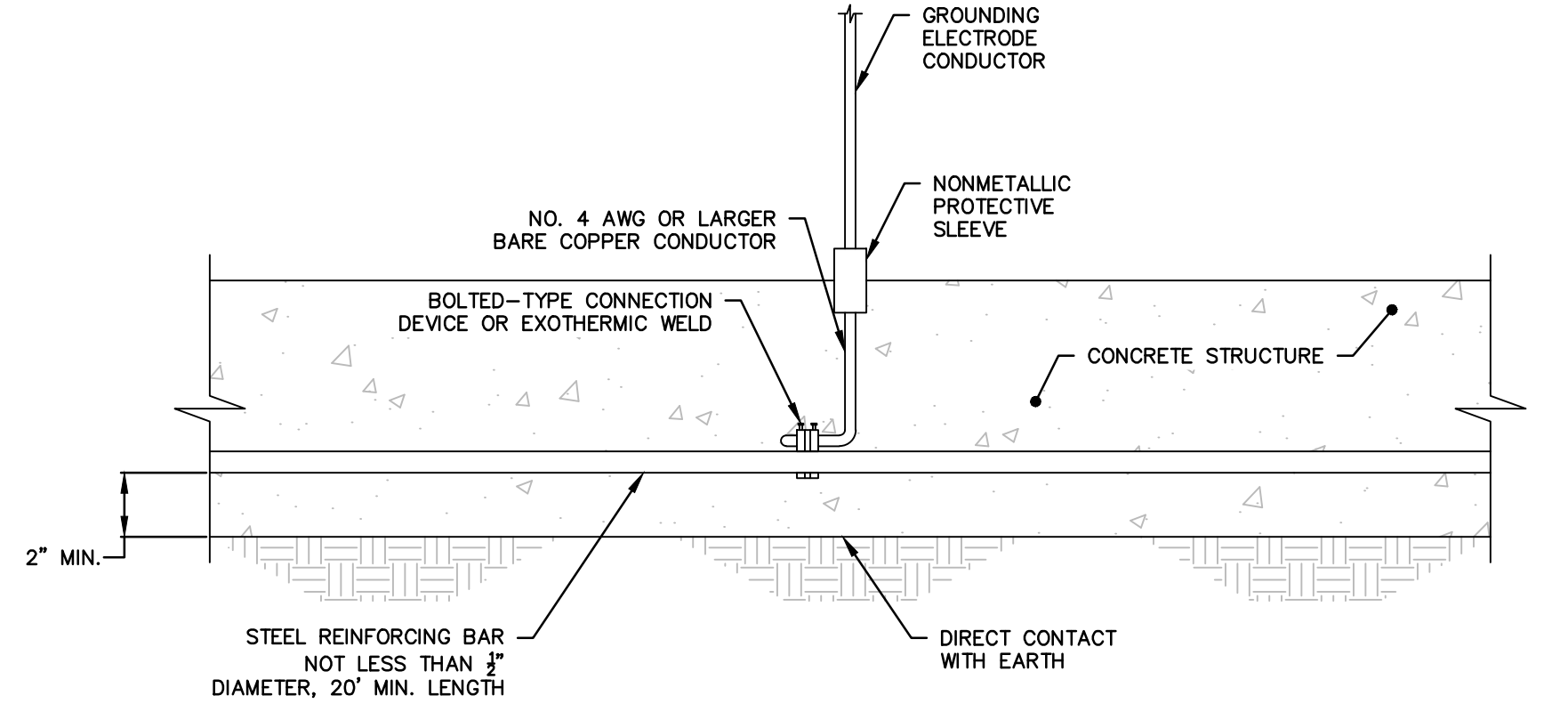


4 SEWER CONNECTION FROM SEWAGE EJECTOR PUMP
C-2.2 N.T.S.



- NOTES
- UNDERGROUND PROPANE TANK INSTALLATION TO COMPLY WITH AUTHORITIES HAVING JURISDICTION AND PROPANE SUPPLIER
 - INSTALLATION SHALL BE COMPLETE WITH FILL VALVE, REGULATOR, RELIEF VALVE, AND OTHER REQUIRED APPURTENANCES FOR A FULLY FUNCTIONING SYSTEM
 - TANK MUST HAVE A DURABLE READY TO BURY DIELECTRIC COATING THAT IS IN COMPLIANCE WITH ALL FEDERAL, STATE, LOCAL AND NFPA INDUSTRY REGULATIONS. ACCEPTABLE COATINGS IN COMPLIANCE WITH STEEL TANK INSTITUTE (STI) T871 OR UNDERWRITERS LABORATORIES (UL) 1746 PART 1 SECTION ARE:
 - STI COATED PHENOLIC EPOXY PRIMER WITH A SINGLE URETHANE COATING
 - LIQUID EPOXY PRIMER WITH LIQUID EPOXY TOP COAT
 - COATING MUST BE CONTINUOUS AND UNINTERRUPTED.
 - TANK MUST CONFORM TO LATEST EDITION OF ASME RULES FOR CONSTRUCTION OF PRESSURE VESSELS AND COMPLY WITH NFPA 58 LATEST EDITION
 - CATHODIC PROTECTION SYSTEM REQUIRED TO BE INSTALLED AND DESIGNED BY TANK INSTALLER
 - PRIOR TO INITIAL FILLING TANK SHALL BE PURGED PER NFPA SAFETY BULLETIN 133-89(A)
- CATHODIC PROTECTION NOTES
- UNDERGROUND PROPANE TANK CATHODIC PROTECTION SYSTEM SHALL COMPLY WITH NACE STANDARD SP0285-2011 OR LATEST EDITIONS
 - INSTALLATION SHALL BE A GALVANIC ANODE SYSTEM. FOR THE PURPOSES OF BIDDING THE CONTRACTOR SHALL ASSUME A SYSTEM WITH 4 ANODES.
 - NOTE, CATHODIC PROTECTION SYSTEM NOT SHOWN ON DRAWINGS

5 BURIED PROPANE TANK INSTALLATION
C-2.2 N.T.S.



6 CONCRETE-ENCASED ELECTRODE
C-2.2 N.T.S.

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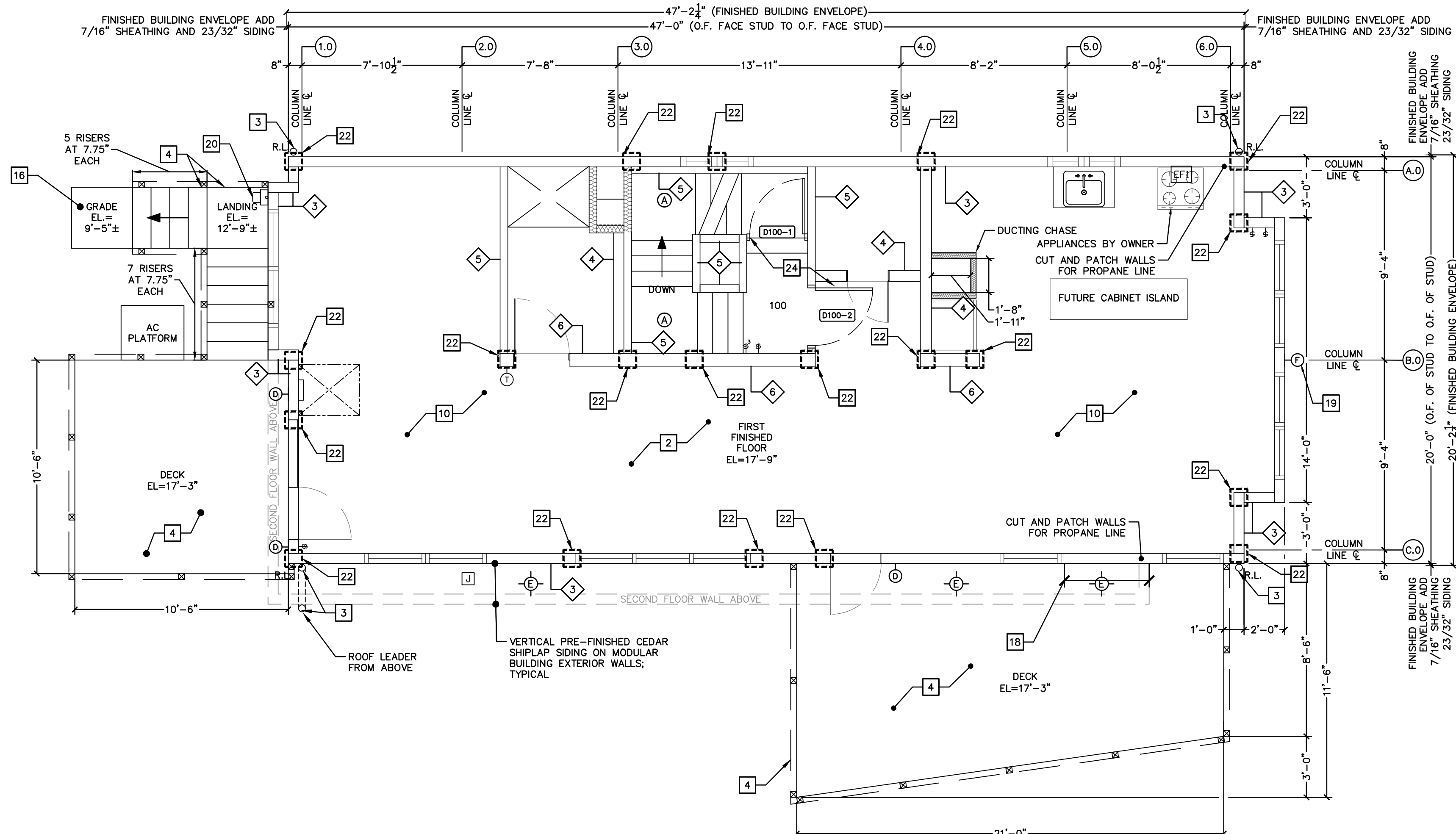
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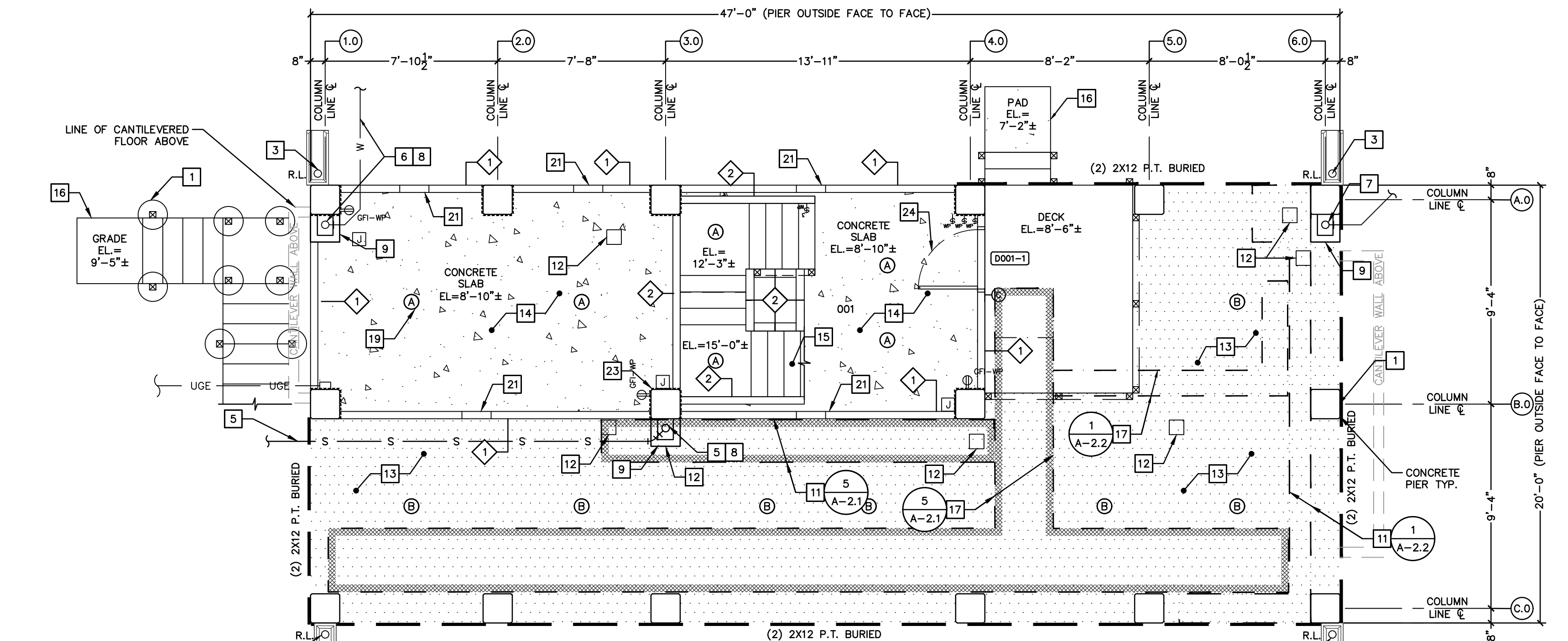
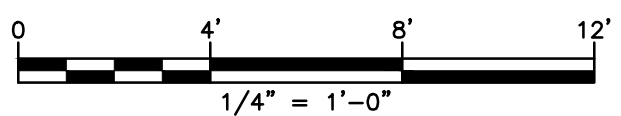
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**SITE UTILITY
DETAILS**

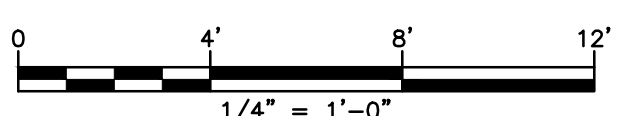
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	C-2.2



FIRST FLOOR



GRADE LEVEL



BUILDING UTILITY GENERAL NOTES

1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
3. IT IS THE PROJECT INTENT TO TURN OVER COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS TO THE OWNER FOR FINAL ACCEPTANCE OF PROJECT WORK.
4. FINAL PAYMENT WILL NOT BE PROCESSED WITHOUT SUBMITTAL OF ALL TESTING REPORTS OR EVIDENCE THEREOF FOR COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS, AS REQUIRED BY CONTRACT SPECIFICATIONS AND AUTHORITIES HAVING JURISDICTION.
5. ALL BUILDING PENETRATIONS TO BE SEALED WITH INTUMESCENT FIRE STOP PUTTY, HITL F5-ONE OR APPROVED EQUAL. ALL FINISHES TO BE PATCHED TO MATCH EXISTING ADJACENT CONDITIONS.
6. ANY SPECIAL REQUIREMENTS OR CONDITIONS OF UTILITY PROVIDERS FOR UTILITY SERVICE RECONNECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MARTINEZ COUCH AND ASSOCIATES PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM UNLESS OTHERWISE NOTED.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND TO THE PROPERTY OWNER'S SATISFACTION.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

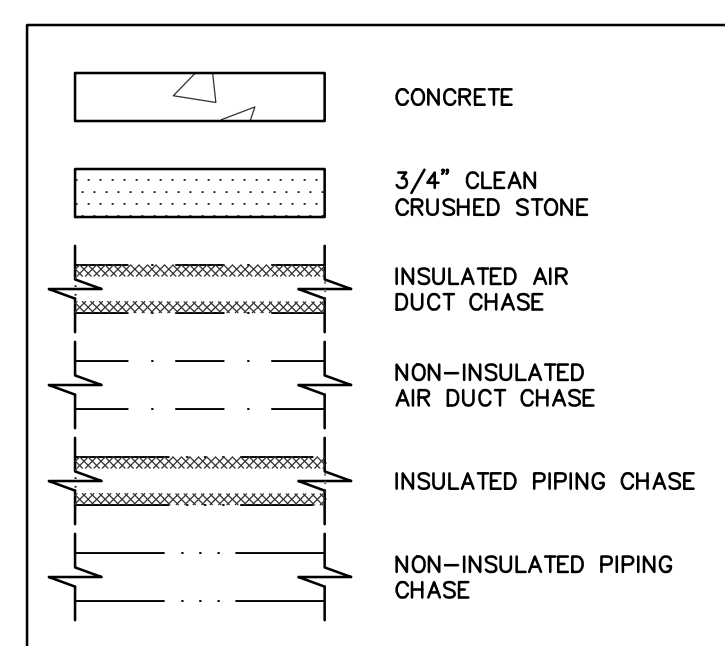
KEY NOTES (THIS SHEET)

- 1 NEW HOUSE AND STAIR FOUNDATION. PREPARE AS-BUILTS DURING FOUNDATION PER CONTRACT DOCUMENTS; SEE STRUCTURAL DRAWINGS
- 2 MODULAR HOME FURNISHED BY OWNER AND SET ON HOUSE FOUNDATION. ALL OTHER WORK BY CONTRACTOR.
- 3 FURNISH AND INSTALL ROOF DOWNSPOUTS TO GRADE, SECURE TO NEW STRUCTURAL COLUMN; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS AT GRADE.
- 4 INSTALL NEW DECKS AND STAIRS AT PROPOSED ELEVATIONS; SEE STRUCTURAL DRAWINGS, AND FRAMING PLAN A-1.3. SEE DECK DETAILS SHEET A-3.0. ADD ALTERNATE NO. 1 - TREX COMPOSITE DECKING.
- 5 FURNISH AND INSTALL SANITARY DRAIN PIPING FROM BUILDING UNDERSIDE ENVELOPE TO PROPERTY LINE. SEE SHEET C-1.2 AND SEE SANITARY DRAIN SCHEMATIC SHEET C-2.2; REFER TO CIVIL DRAWINGS FOR CONTINUATION OF BURIED SANITARY DRAIN LINE.
- 6 DOMESTIC WATER SERVICE LINE REPLACED TO EXISTING CONNECTION AT PROPERTY LINE. EXTEND SERVICE LINE TO UNDERSIDE OF BUILDING AND CONNECT TO BUILDING PIPING. SEE SHEET C-1.2 AND CIVIL PLANS FOR CONTINUATION OF BURIED DOMESTIC WATER LINE.
- 7 EXTEND PROPANE PIPING TO BUILDING ENVELOPE AND CONNECT TO BUILDING PIPING. SEE CIVIL DRAWINGS FOR CONTINUATION OF BURIED PROPANE LINE. SEE MECHANICAL PLUMBING DRAWINGS FOR CONTINUATION INSIDE THE BUILDING.
- 8 FURNISH AND INSTALL ALL MATERIALS FOR NEW HEAT TRACE ON DOMESTIC WATER SERVICE AND SANITARY SEWER DRAIN PIPING PER SPECIFICATIONS. HEAT TRACE, INSULATE, AND PROTECT DOMESTIC WATER LINE TO 42" BELOW GRADE.
- 9 FURNISH AND INSTALL ALL MATERIALS FOR COLUMN UTILITY CHASE FOR SANITARY SEWER SERVICE, DOMESTIC WATER SERVICE, AND PROPANE SERVICE LINES. SEE STRUCTURAL PLANS FOR LOCATION OF STRUCTURAL COLUMNS. (A-3.1)
- 10 FURNISH AND INSTALL ALL MATERIALS TO INSULATE UNDERSIDE OF NEW MODULAR HOME AND CONSTRUCT INSULATION CAVITY.
- 11 FURNISH AND INSTALL ALL MATERIALS TO CONSTRUCT HORIZONTAL UTILITY CHASES AT UNDERSIDE OF HOUSE FOR PROPANE LINE, DOMESTIC WATER AND SANITARY SEWER SERVICE LINES PROJECTING BELOW TOP OF NEW STRUCTURAL BEAMS. (A-2.1) (A-2.2)
- 12 FURNISH AND INSTALL ACCESS DOORS AT SEWER CLEANOUTS AND SHUTOFF VALVES BENEATH HOUSE. VERIFY LOCATIONS IN FIELD WITH ENGINEER. (A-3.1)
- 13 FURNISH AND INSTALL 12" THICK LAYER OF 3/4" CRUSH STONE BENEATH ENTIRE STRUCTURE, DECKS, AND STAIRS; TOP OF LAYER TO BE AT EXISTING ADJACENT GRADE; SEE CIVIL DRAWINGS.
- 14 FURNISH AND INSTALL ALL MATERIALS FOR CONCRETE SLAB BENEATH HOUSE AS SHOWN. SLAB 6" THICK WITH THICKENED EDGES. CAST DOWEL SLEEVES INTO SLAB AND INTO PIERS. FLOAT FINISH SLAB. (C-2.2)
- 15 FURNISH AND INSTALL ALL MATERIALS FOR STAIRS BENEATH HOUSE; SEE DRAWING A-2.3.
- 16 FURNISH AND INSTALL CONCRETE PADS AT STAIR LANDINGS; PADS TO BE 42" SQUARE (C-2.1)
- 17 CONSTRUCT CHASES BENEATH HOUSE FOR AIR DUCTING PROJECTING BELOW STRUCTURE BEAMS; MODIFY CHASE LAYOUT AS REQUIRED FOR DUCTING DESIGN BY MECHANICAL CONTRACTOR. (A-2.1)
- 18 ENCLOSE FOR ROUGH OPENING FOR FUTURE GAS INSERT FIRE PLACE; MATCH ADJACENT CONSTRUCTION 2X6 FRAMING WITH 7/16" ADVANTECH SHEATHING AND FINISH SIDING.
- 19 FURNISH AND INSTALL LIGHTING FIXTURES AT UNDERSIDE OF ELEVATED HOUSE AND ON HOUSE EXTERIOR; SEE ELECTRICAL DRAWINGS E-1.0 AND E-1.1.
- 20 FURNISH AND INSTALL NEW ELECTRIC METER, BYPASS METER SOCKET, DISCONNECT, GALVANIZED RIGID CONDUIT AND SERVICE WIRE; CONNECT TO 200 AMP PANEL BOARD IN MODULAR STRUCTURE; PANEL BOARD BY MODULAR BUILDER.
- 21 FURNISH AND INSTALL FLOOD VENTS IN STORAGE AREA BENEATH HOUSE. (A-3.1)
- 22 CUT AND PATCH WALLS AND FLOOR FOR STRUCTURAL TIEDOWNS TO FOUNDATION BEAM/GIRDERS (A-1.4)
- 23 EXPANSION JOINT GAP AT ALL PIERS TYPICAL. CONSTRUCTION TO BE 3/4" X FULL HEIGHT PREFORMED EXPANSION JOINT, BITUMINOUS CELLULAR MATERIAL COMPLYING WITH AASHTO M213, SEAL WITH POURED SEALANT 3/4" X 1" DEEP ABOVE PREFORMED EXPANSION JOINT.
- 24 FURNISH AND INSTALL DOORS AS SHOWN ON PLAN SEE SCHEDULE SHEET A-5.0. ALL OTHER DOORS BY MODULAR BUILDER.

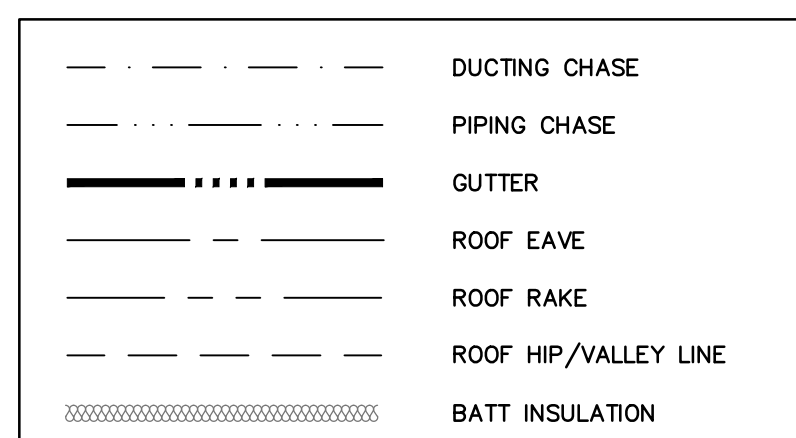
PARTITION TYPE

1	2X4 WOOD STUD BREAKAWAY WALL, 1/2" SHEATHING ON EXTERIOR, EXPOSED STUD INTERIOR
2	2X4 WOOD STUD KNEE WALL, SEE SECTIONS A-2.3
3	EXTERIOR 2X6 WOOD STUD BY MODULAR BUILDER; SEE MODULAR HOME DRAWINGS
4	INTERIOR 2X6 WOOD STUD BY MODULAR BUILDER
5	INTERIOR 2X4 WOOD STUD BY MODULAR BUILDER; SEE MODULAR HOME DRAWINGS
6	INTERIOR 2X4 WOOD STUD MARRIAGE WALL BY MODULAR BUILDER; SEE MODULAR HOME DRAWINGS

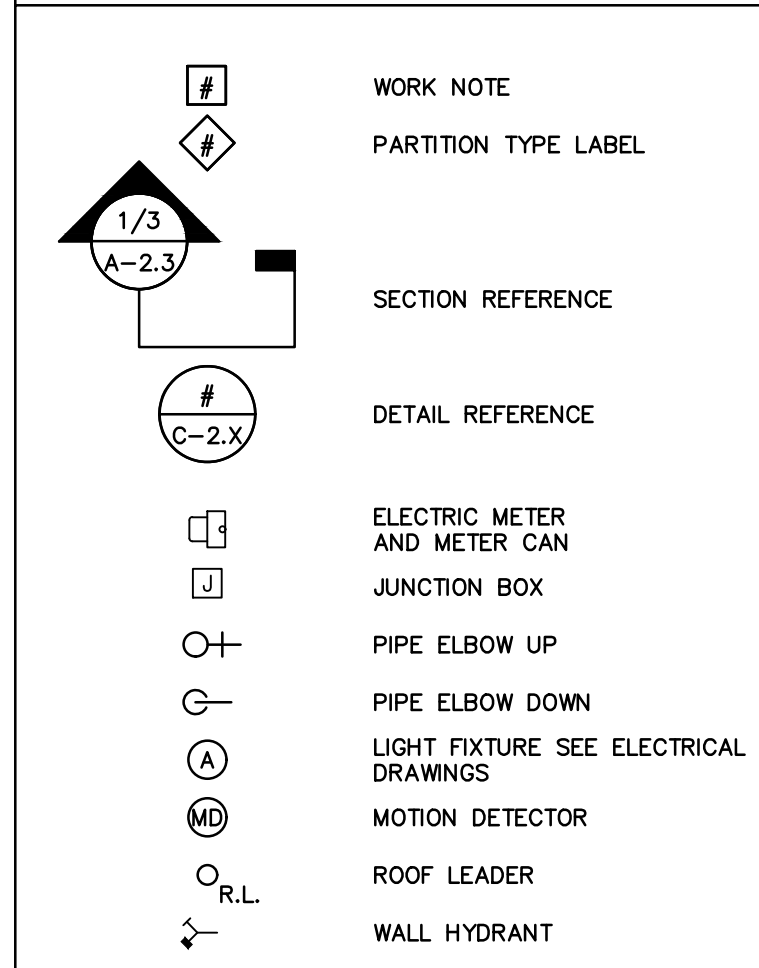
HATCH LEGEND



LINETYPE LEGEND



SYMBOL LEGEND



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PROJECT 1247
12 JACOB STREET
NORWALK, CONNECTICUT 06853

**ISSUED FOR BID
NOT FOR CONSTRUCTION**

2	2/18/19	ISSUED FOR BIDDING	MBR	MBR	REC
1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: 1/4"=1'-0"	DATE: 12/17/18

FLOOR PLANS - 1

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	A-1.0

BUILDING UTILITY GENERAL NOTES

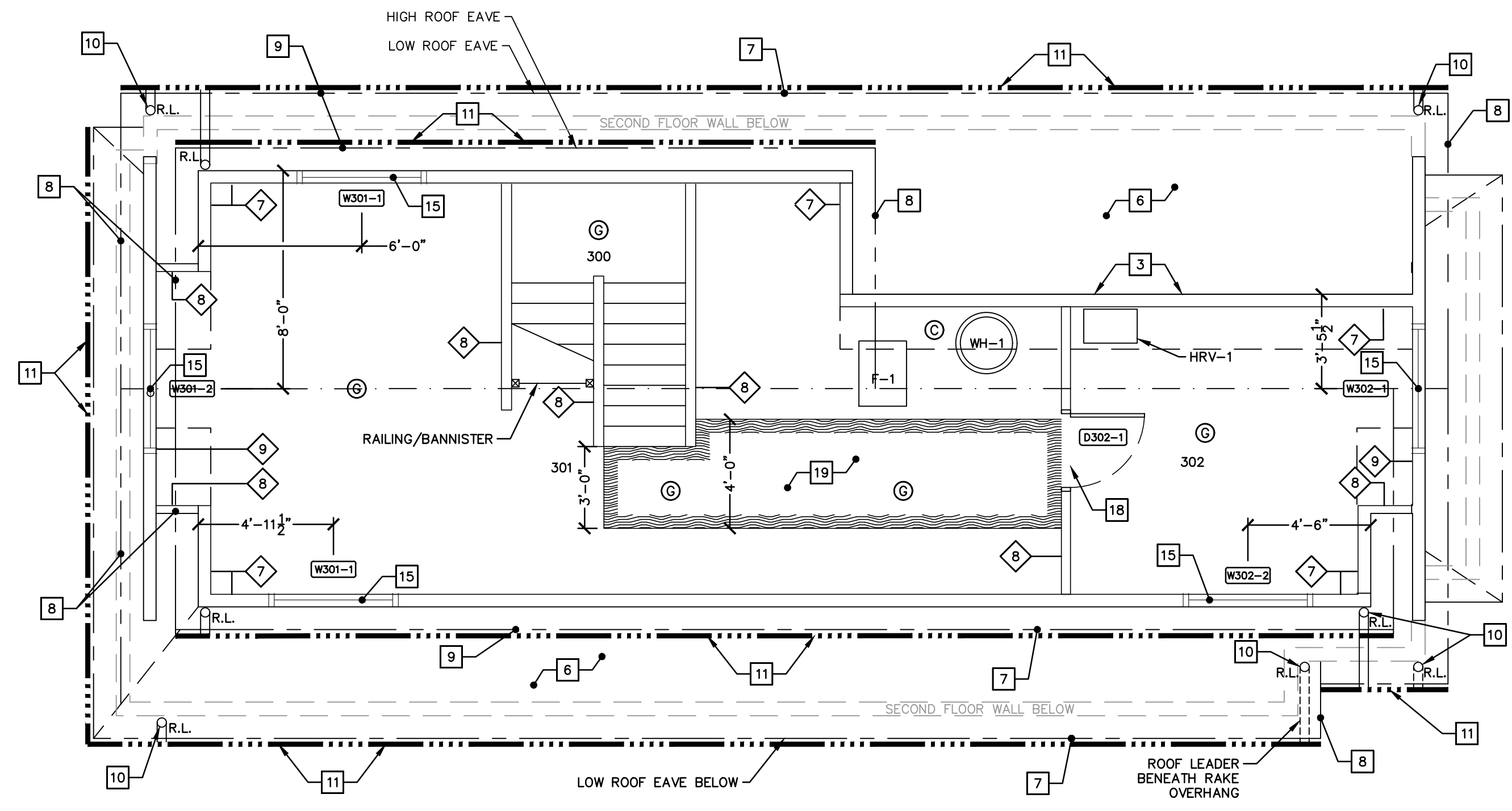
1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
3. IT IS THE PROJECT INTENT TO TURN OVER COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS TO THE OWNER FOR FINAL ACCEPTANCE OF PROJECT WORK.
4. FINAL PAYMENT WILL NOT BE PROCESSED WITHOUT SUBMITTAL OF ALL TESTING REPORTS OR EVIDENCE THEREOF FOR COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS, AS REQUIRED BY CONTRACT SPECIFICATIONS AND AUTHORITIES HAVING JURISDICTION.
5. ALL BUILDING PENETRATIONS TO BE SEALED WITH INTUMESCENT FIRE STOP PUTTY, HITL FS-ONE OR APPROVED EQUAL. ALL FINISHES TO BE PATCHED TO MATCH EXISTING ADJACENT CONDITIONS.
6. ANY SPECIAL REQUIREMENTS OR CONDITIONS OF UTILITY PROVIDERS FOR FOR UTILITY SERVICE RECONNECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL NOTES

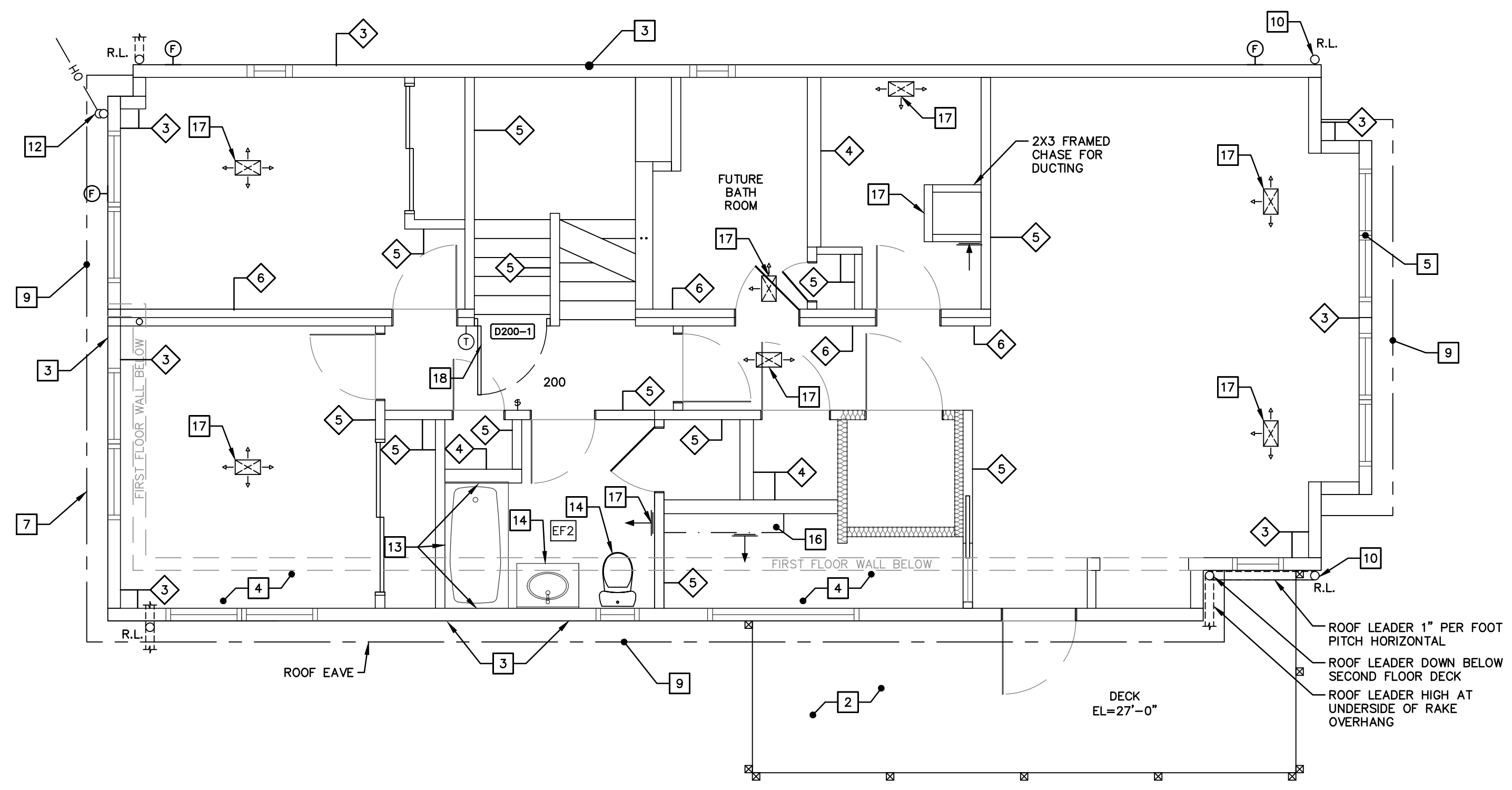
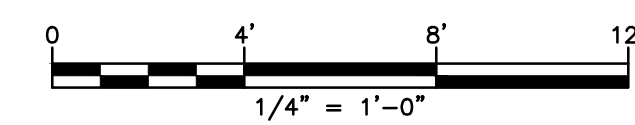
1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MARTINEZ COUCH AND ASSOCIATES PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND TO THE PROPERTY OWNER'S SATISFACTION.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

KEY NOTES (THIS SHEET)

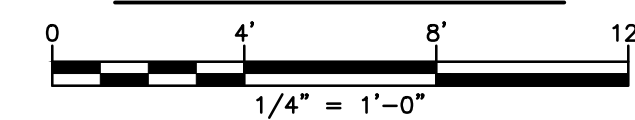
- 1 FURNISH AND INSTALL ALL MATERIALS AND LABOR TO CONSTRUCT ATTIC LEVEL OF HOUSE. SEE DRAWINGS A-1.2, A-1.3, A-2.1, A-2.4, AND MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS
- 2 PRESSURE TREATED WOOD DECKS AND STAIRS - ADD ALTERNATE NO. 1 - TREX COMPOSITE DECKING, SEE SHEET A-3.0 FOR DECK DETAILS.
- 3 VERTICAL PREFINISHED SHIPLAP CEDAR SIDING ALL EXTERIOR WALLS
- 4 FINISH SOFFIT CONSTRUCTION AT CANTILEVERED SECTIONS OF MODULAR BUILDING AT FIRST AND SECOND FLOOR PER DETAILS. 1
A-2.1 1
A-2.2
- 5 EXTERIOR WINDOW TRIM INSTALLATION AND WATERPROOFING PER DETAILS, TYPICAL ALL WINDOWS IN MODULAR STRUCTURE.
- 6 CONSTRUCT ROOF MEMBRANE AND DECKING PER SPECIFICATION AND DETAILS INSTALLATION, ASPHALT ARCHITECTURAL SHINGLES, 15 LB ROOFING PAPER, ICE AND WATER SHIELD, ON ROOF SHEATHING
- 7 COMPLETE ROOF INSTALLATION, INSTALL DRIP EDGE AND ROOFING ACCESSORIES AS REQUIRED INCLUDING ALL FLASHING, DRIP EDGES, AND OTHER ACCESSORIES AT ROOF PENETRATIONS, EAVES, RAKES, AND OVERHANGS
- 8 OPEN RAKE OVERHANG PER DETAILS, TYPICAL ALL RAKES 3
A-2.2
- 9 OPEN SOFFIT AT ROOF EAVE PER DETAILS, TYPICAL ALL SOFFITS 4
A-2.1
- 10 4"x6" ALUMINUM DOWNSPOUTS TO GRADE
- 11 5" TYPE "K" ALUMINUM GUTTER AT ALL EAVES SHOWN
- 12 OVERHEAD SERVICE MAST WITH WEATHERHEAD, CONDUIT, TO BYPASS TYPE METER BOX. COMPLETE INSTALLATION PER UTILITY PROVIDER REQUIREMENTS
- 13 INSTALL TUB BASE SECTION AND TILE SURROUND, BACKER BOARD INSTALL BY MODULAR BUILDER
- 14 BATHROOM VANITY AND WATER CLOSET FURNISHED BY OWNER/MODULAR BUILDER INSTALLED BY CONTRACTOR
- 15 FURNISH AND INSTALL ONSITE WINDOWS; SEE WINDOW SCHEDULE SHEET A-5.0
- 16 CONSTRUCT CHASE FOR FORCED AIR DUCT IN CLOSET; FRAME FOR 6" ROUND FLEX DUCT WITH 2X4 FRAMING AND ENCLOSE WITH 1/2" G.W.B.
- 17 CUT AND PATCH WALLS AND CEILING AS REQUIRED FOR CEILING DIFFUSER, WALL REGISTER, AND GRILLE INSTALLATION
- 18 FURNISH AND INSTALL ONSITE DOOR; SEE DOOR SCHEDULE SHEET A-5.0. INSTALL TRIM TO MATCH MODULAR STRUCTURE. ALL OTHER DOORS BY MODULAR BUILDER 4
A-3.1
- 19 FURNISH AND INSTALL PLYWOOD SHEATHING FOR ACCESS WALK IN ATTIC LEVEL



ATTIC LEVEL



SECOND FLOOR



PARTITION TYPE	
1	2X4 WOOD STUD BREAKAWAY WALL, 1/2" SHEATHING ON EXTERIOR, EXPOSED STUD INTERIOR
2	2X4 WOOD STUD KNEE WALL, 1/2" G.W.B. INSIDE, EXPOSED STUD EXTERIOR
3	EXTERIOR 2X6 WOOD STUD BY MODULAR BUILDER; SEE MODULAR HOME DRAWINGS
4	INTERIOR 2X6 WOOD STUD BY MODULAR BUILDER
5	INTERIOR 2X4 WOOD STUD BY MODULAR BUILDER; SEE MODULAR HOME DRAWINGS
6	INTERIOR 2X4 WOOD STUD MARRIAGE WALL BY MODULAR BUILDER; SEE MODULAR HOME DRAWINGS
7	EXTERIOR 2X6 WOOD STUD WALL SITE BUILT; FRAMED 16" O.C., 1/2" SHEATHING ONE (1) SIDE, FINISH SIDING
8	INTERIOR 2X4 WOOD STUD WALL SITE BUILT; FRAMED 16" O.C., 1/2" SHEATHING ONE (1) SIDE
9	2X6 WOOD STUD FRAME GABLE END WALL SITE BUILT; 16" O.C.; 1/2" PLYWOOD SHEATHING, FINISH SIDING

LINETYPE LEGEND

	DUCTING CHASE
	PIPING CHASE
	GUTTER
	ROOF EAVE
	ROOF RAKE
	ROOF HIP/VALLEY LINE
	ROOF RIDGE LINE
	BATT INSULATION

LEGEND

	WORK NOTE
	PARTITION LABEL
	DETAIL REFERENCE
	ROOF LEADER

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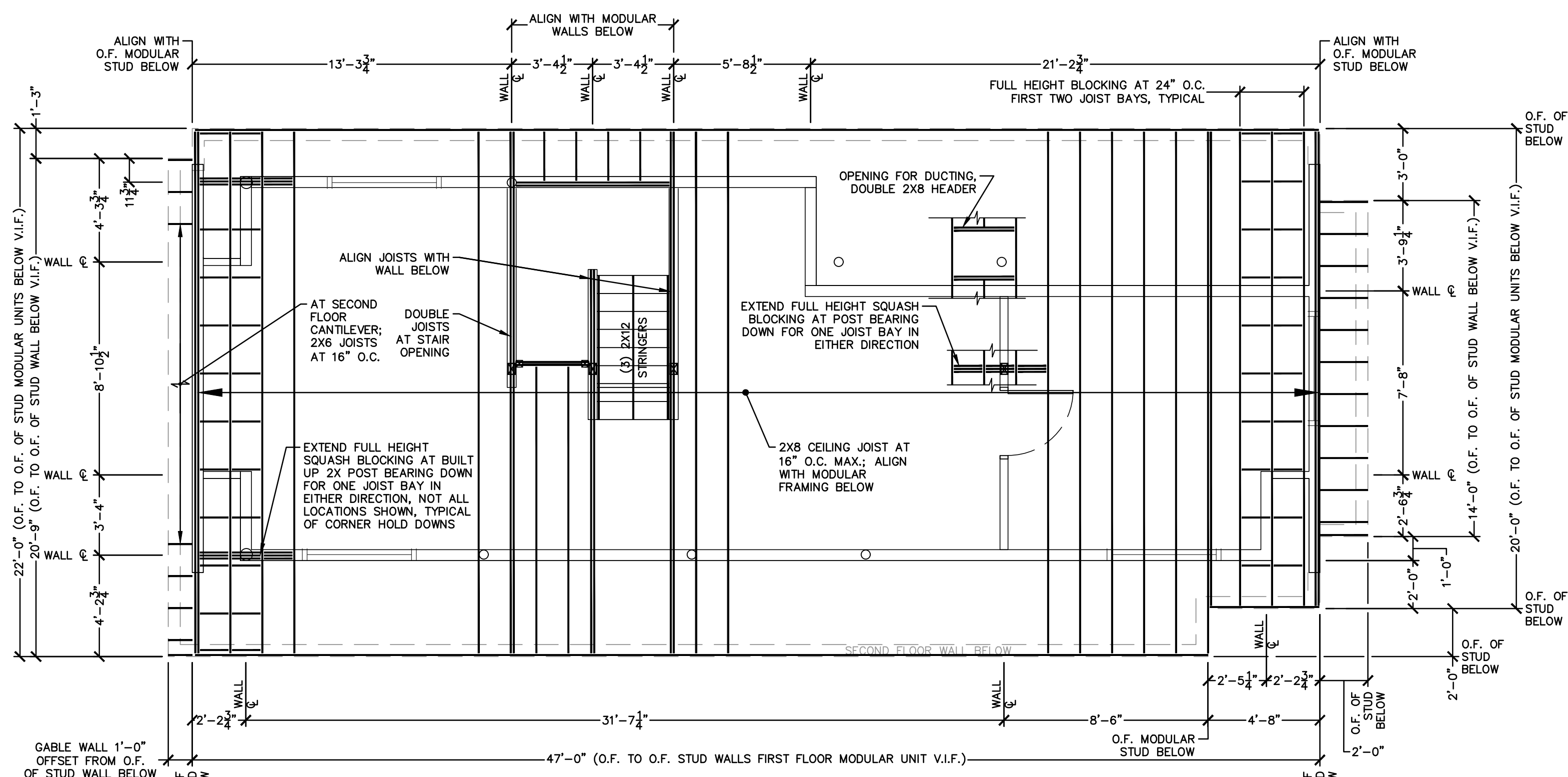
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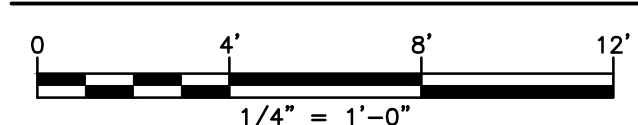
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DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: 1" = 5'	DATE: 12/17/18

FLOOR PLANS - 2

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	B3-262-1247-BASE.dwg	A-1.1



ATTIC FRAMING PLAN



DIMENSIONAL NOTES
 1. DIMENSIONS OF MODULAR UNIT(S) TO BE VERIFIED IN FIELD (V.I.F.)
 2. DIMENSIONS FROM OUTSIDE FACE (O.F.) OF WALLS BELOW ARE MEASURED FROM THE OUTSIDE FACE OF STUD

GENERAL

1. BASIS OF DESIGN
 - 1.1. 2018 CONNECTICUT STATE BUILDING CODE BUILDING CODE
 - 1.2. 2015 WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM)
2. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, LATEST EDITION
3. CONTRACTOR WILL COMPLY WITH REQUIREMENTS OF DESIGN CODES AS MINIMUM STANDARDS AND WITH REQUIREMENTS OF THESE DRAWINGS EXCEEDING APPLICABLE CODES. DETAILS ARE CONSIDERED TYPICAL AND WHERE REASONABLY INTERPRETED TO APPLY OR BE REPEATED TO SIMILAR CONDITIONS SHALL BE APPLIED AT ALL LOCATIONS, INDICATED ON DRAWINGS OR NOT.
4. ALL WORK SHALL CONFORM WITH DESIGN CODES AND APPLICABLE STANDARDS PROMULGATED BY AUTHORITIES HAVING JURISDICTION.

DESIGN LOADS

1. GROUND SNOW LOAD = 30 P.S.F.
2. ROOF LIVE LOAD = 20 P.S.F.
3. ROOF DEAD LOAD = 15 P.S.F.
4. ATTIC LIVE LOAD = 30 P.S.F.
5. WIND LOAD V_{ULT} = 120 M.P.H. (CT S.B.C APPENDIX V)

WOOD STRUCTURE NOTES

1. ALL VISUALLY GRADED LUMBER STRUCTURAL LUMBER AND WOOD FRAMING CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION 'NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION'
2. ALL FRAMING LUMBER MEMBERS SHALL BE SECURELY FASTENED TOGETHER ADJACENT MEMBERS WHERE APPROPRIATE AND TO SUPPORTING/ADJACENT CONSTRUCTION; NAILING, LAG SCREWING, SCREWING, SPIKED, AND BOLTED AS REQUIRED.
3. FASTENING AND STRUCTURAL NAILING SHALL CONFORM TO 2012 WFCM NAILING SCHEDULE FOR DESIGN CRITERIA LOADING.
4. WOOD JOIST HANGERS, STRAPPING, ANCHORS, CLIPS, AND TIES SHALL BE BY SIMPSON STRONG-TIE OR APPROVED EQUAL.
5. PROVIDE FULL HEIGHT BLOCKING AT 8'-0" ON CENTER MAXIMUM FOR JOISTS
6. PROVIDE DOUBLE JOISTS AT OPENINGS GREATER THAN 24" IN WIDTH
7. PROVIDE SQUASH BLOCKS AT JOISTS BELOW BEARING WALLS; SQUASH BLOCK TO BE FULL WIDTH OF STUD OR BEARING POST ABOVE

WALL STUD/FRAMING NOTES

1. WALL FRAMING SHALL BE 2X6 STUD FRAMED WALLS AT 16" ON CENTER WITH DOUBLE TOP PLATE AND SINGLE BOTTOM PLATE UNLESS OTHERWISE NOTED
2. WALL STUDS SHALL BE SINGLE PIECE ONE LENGTH MEMBERS PLATFORM FRAMED
3. AT ALL EXTERIOR WALL HEADERS PROVIDE TWO (2) KING STUDS AND TWO (2) JACK STUDS
4. CORNERS AND INTERSECTIONS SHALL BE CONSTRUCTED WITH NOT LESS THAN THREE (3) STUDS
5. TOP PLATES TO BE CONTINUOUS; LAP SPLICE DOUBLE AND SINGLE PLATES AT CORNERS AND INTERSECTIONS.

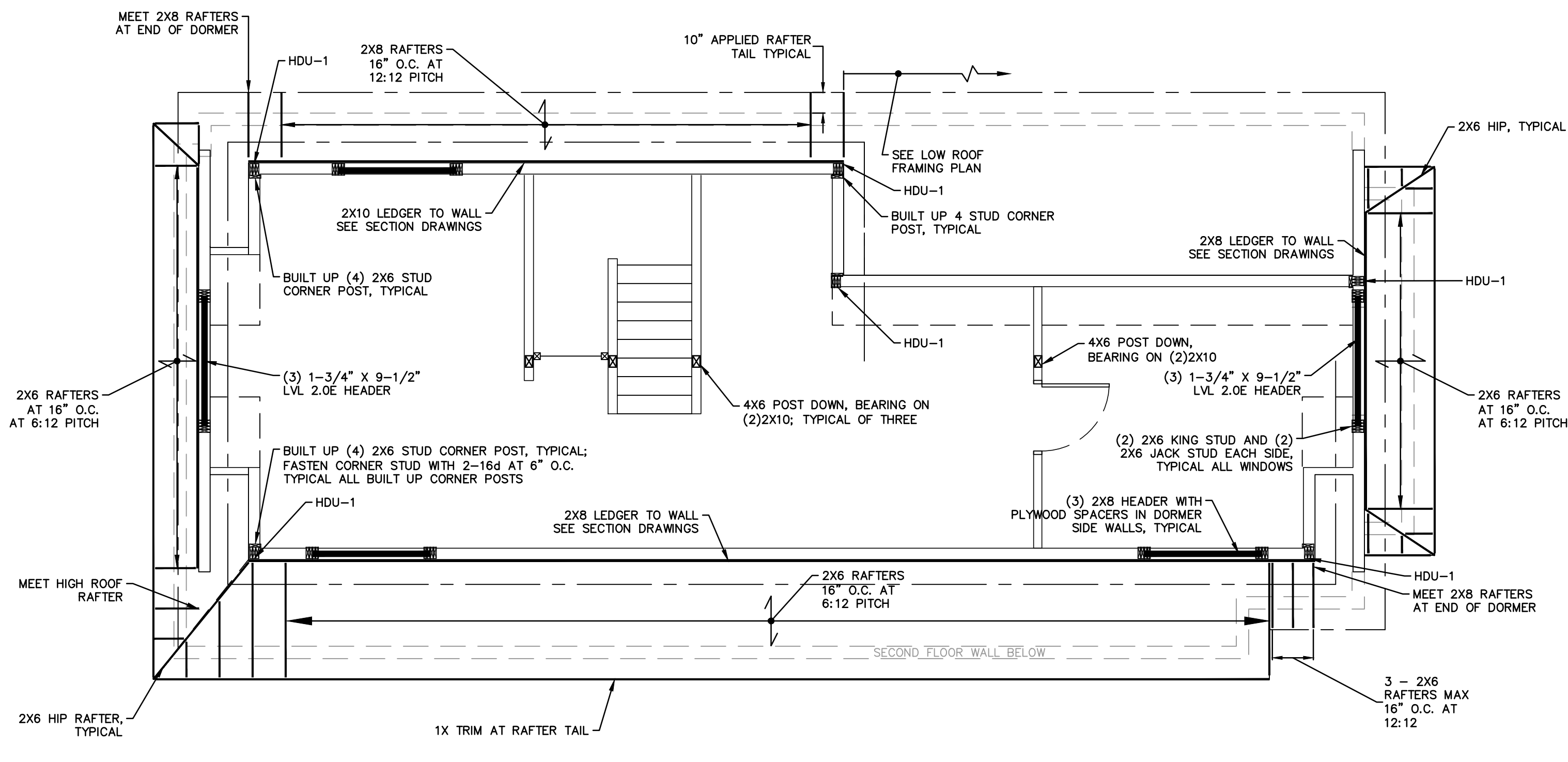
SHEATHING INSTALLATION

1. PROVIDE CONTINUOUS BLOCKING LINE AT WALL MID-HEIGHT AND AT ALL UNSUPPORTED PLYWOOD JOINTS ON WALLS
2. AT UNSUPPORTED ROOF SHEATHING EDGES PROVIDE BLOCKING EVENLY SPACED AT ROOF SHEATHING JOINTS; ALSO WITHIN 4 FEET OF ROOF EDGES, EAVES, AND PEAKS
3. STAGGER END OF SHEATHING UNLESS OTHERWISE NOTED
4. PLYWOOD SHEATHING SHALL BE INSTALLED WITH FACE GRAIN PERPENDICULAR TO SUPPORTING FRAMING MEMBER AND HAVE A MINIMUM TWO SPAN CONDITION
5. DOUBLE 2X BLOCKING SHALL BE INSTALLED AT SHEATHING EDGES ON THE HORIZONTAL BETWEEN WALL FRAMING MEMBERS
6. CENTER JOINTS IN PLYWOOD SHEATHING OVER FRAMING MEMBERS

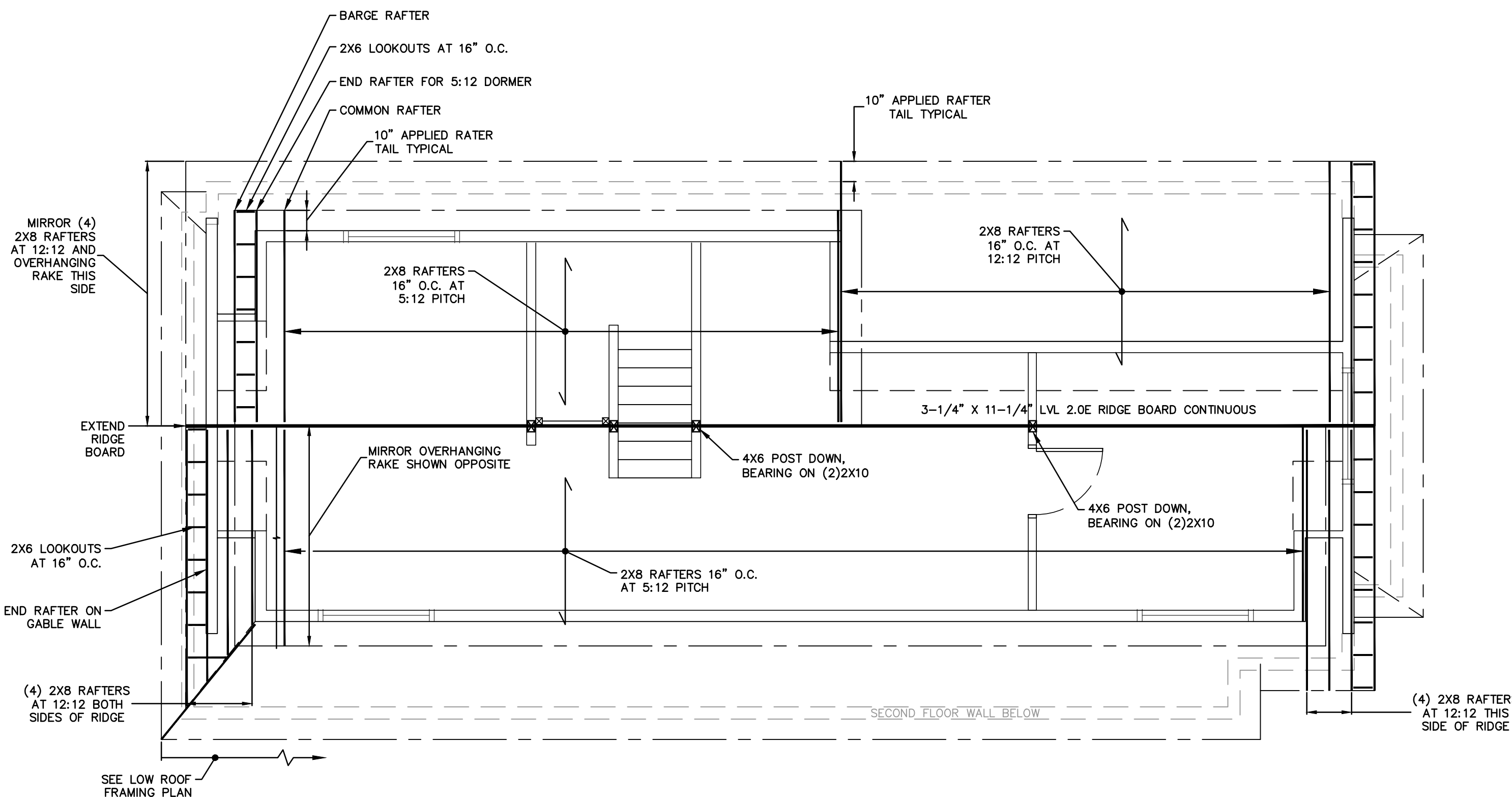
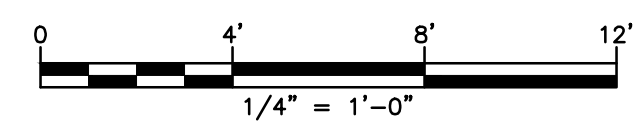
WOOD FRAMING

1. DIMENSION LUMBER FOR JOISTS AND BEAMS SHALL BE NO. 2 OR BETTER DOUGLAS FIR LARCH WITH THE FOLLOWING MINIMUM MATERIAL PROPERTIES:
 - $F_c(I)$ = 625 PSI
 - $F_c(II)$ = 1,350 PSI
 - F_v = 180 PSI
 - F_t = 575 PSI
 - E = 1,600,000 PSI
2. DIMENSIONAL LUMBER FOR STUD WALLS SHALL BE STUD GRADE OR BETTER DOUGLAS FIR LARCH WITH THE FOLLOWING MINIMUM MATERIAL PROPERTIES:
 - F_b = 700 PSI
 - $F_c(perp.)$ = 625 PSI
 - $F_c(par.)$ = 850 PSI
 - F_v = 180 PSI
 - F_t = 450 PSI
 - E = 1,400,000 PSI

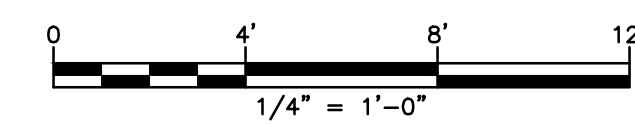
3. SHEATHING GENERAL
 - 3.1. ALL PLYWOOD SHEATHING SHALL CONFORM TO THE AMERICAN PLYWOOD ASSOCIATIONS (APA) STANDARDS AND RECOMMENDATIONS
 - 3.2. ALL PLYWOOD SHEATHING SHALL BE APA RATED AND EXPOSURE 1 OR BETTER
4. FLOOR SHEATHING
 - 4.1. MATERIALS - 3/4" APA RATED STURD-1 FLOOR SHEATHING WITH TONGUE AND GROOVE EDGES
 - 4.2. GLUE AND NAIL FLOOR SHEATHING PER NAILING SCHEDULE
5. ROOF SHEATHING
 - 5.1. MATERIALS - 3/4" APA RATED EXPOSURE 1 SHEATHING
 - 5.2. NAIL SHEATHING PER NAILING SCHEDULE
6. WALL SHEATHING
 - 6.1. MATERIALS - 1/2" APA RATED EXPOSURE 1 SHEATHING
 - 6.2. NAIL SHEATHING PER NAILING SCHEDULE



LOW ROOF FRAMING PLAN



HIGH ROOF FRAMING PLAN



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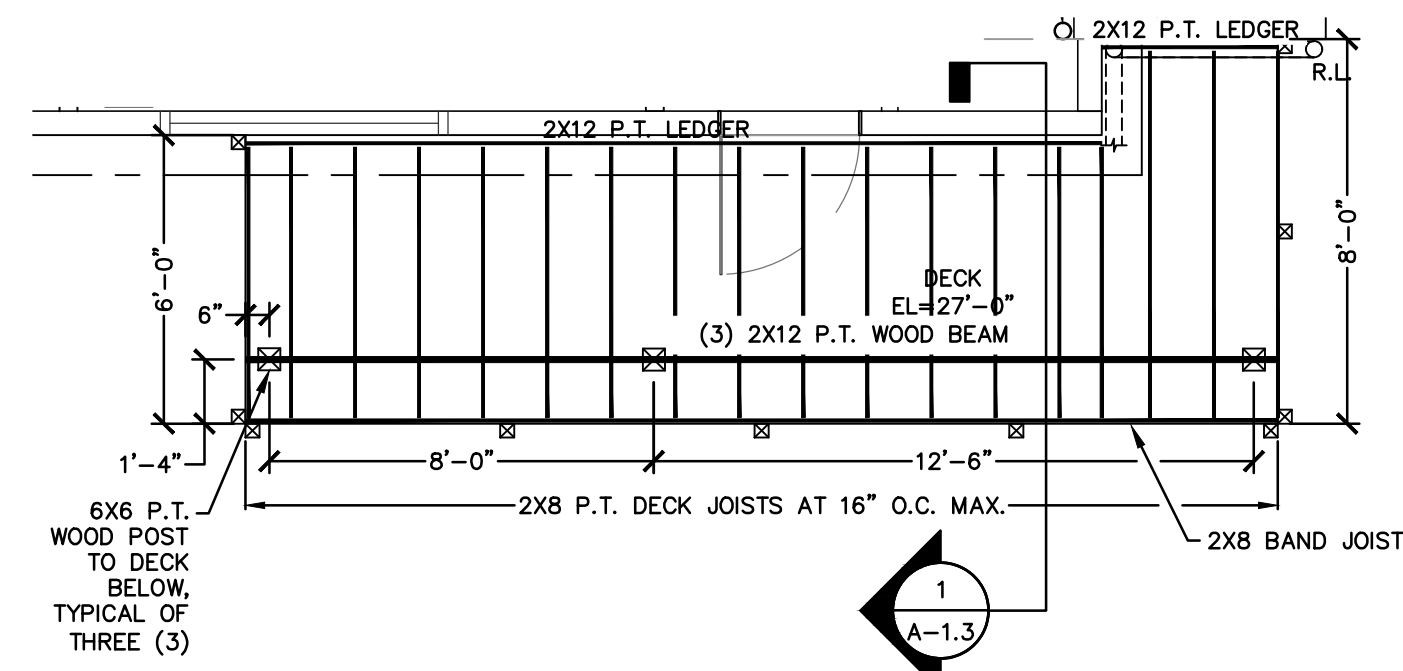
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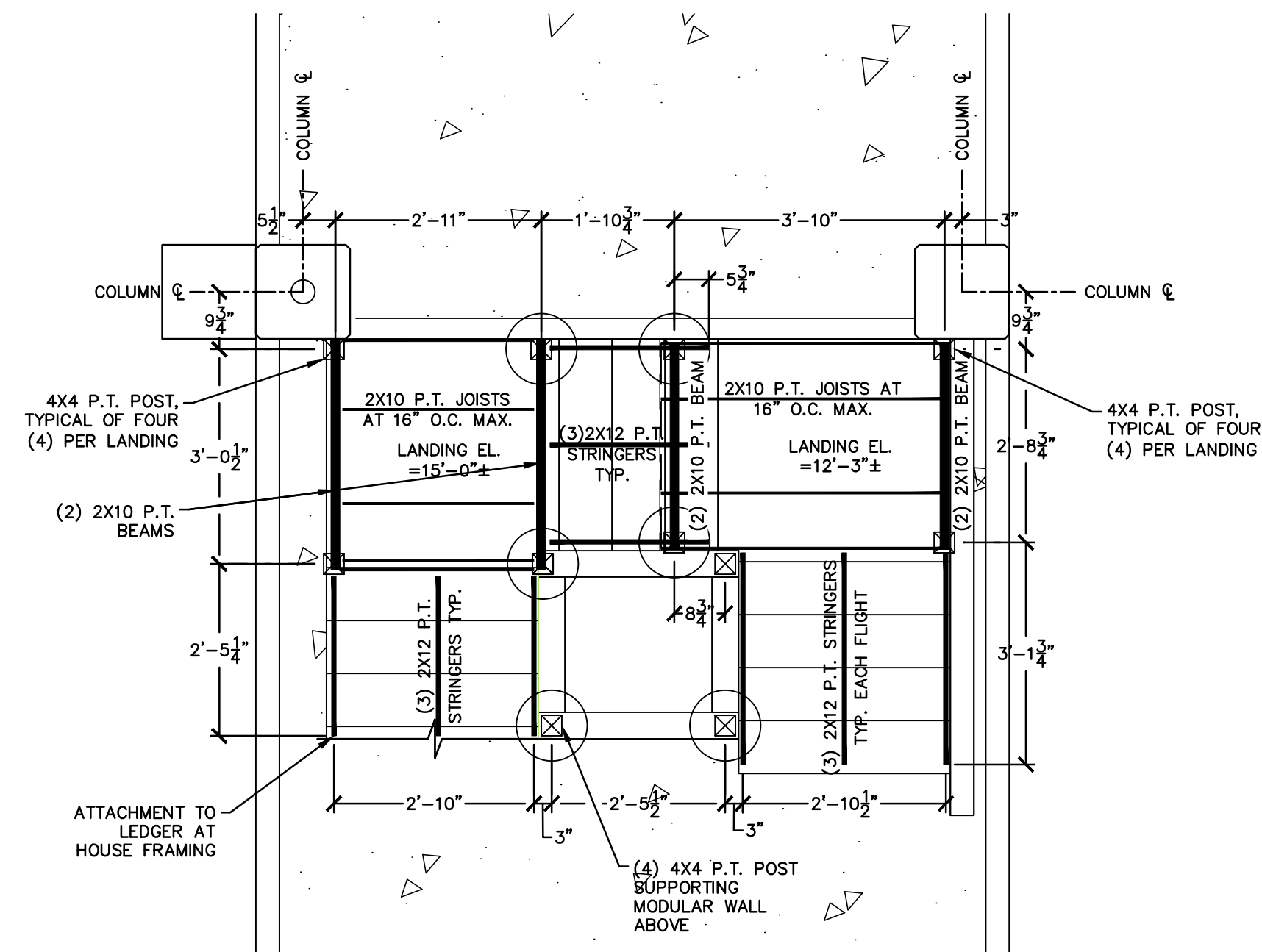
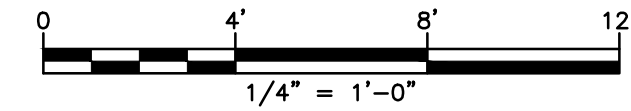
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1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 12/17/18

FRAMING PLANS - 1

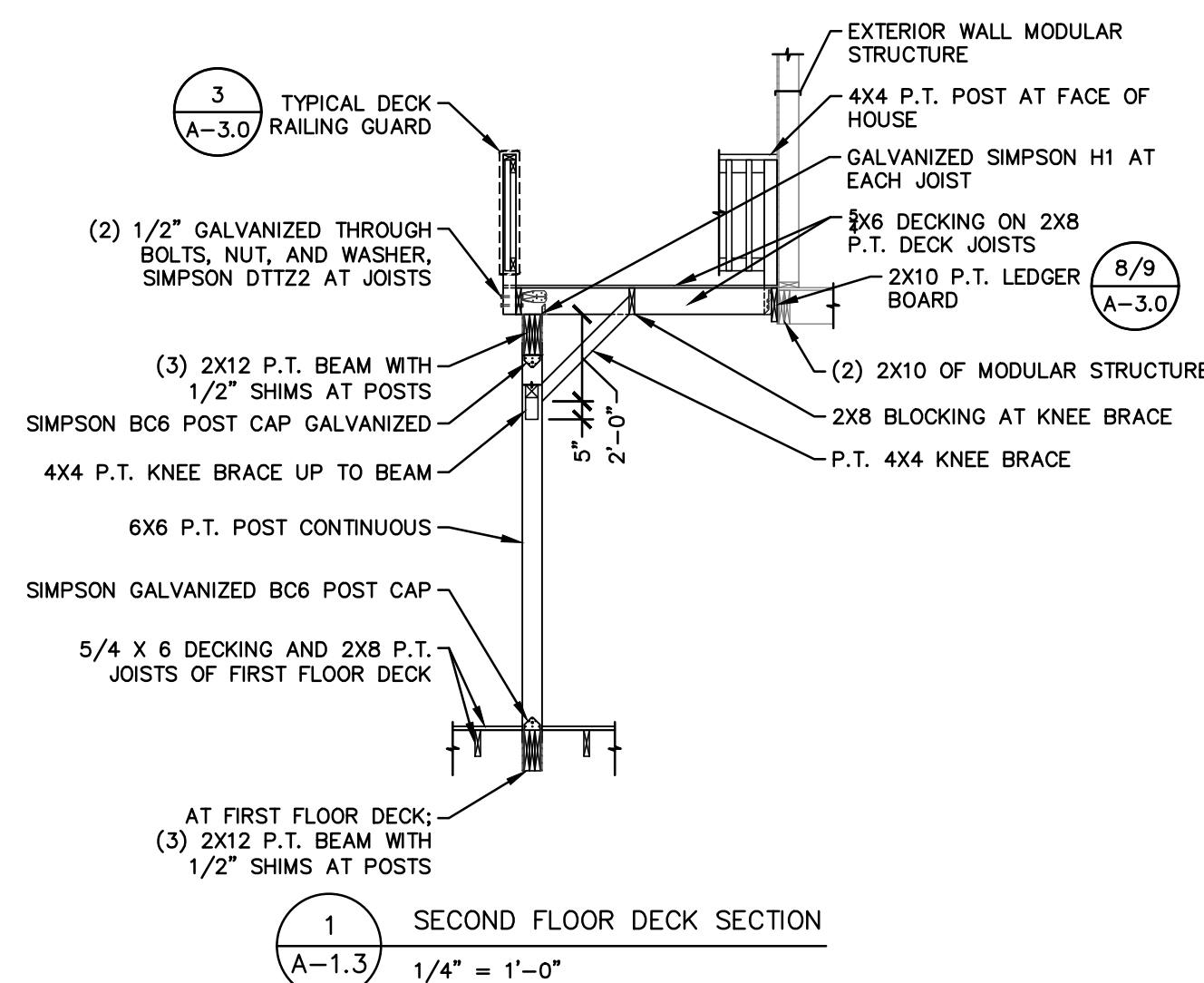
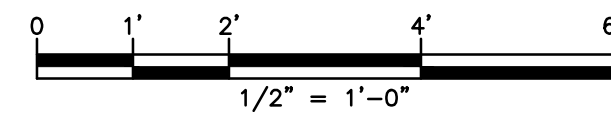
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	A-1.2



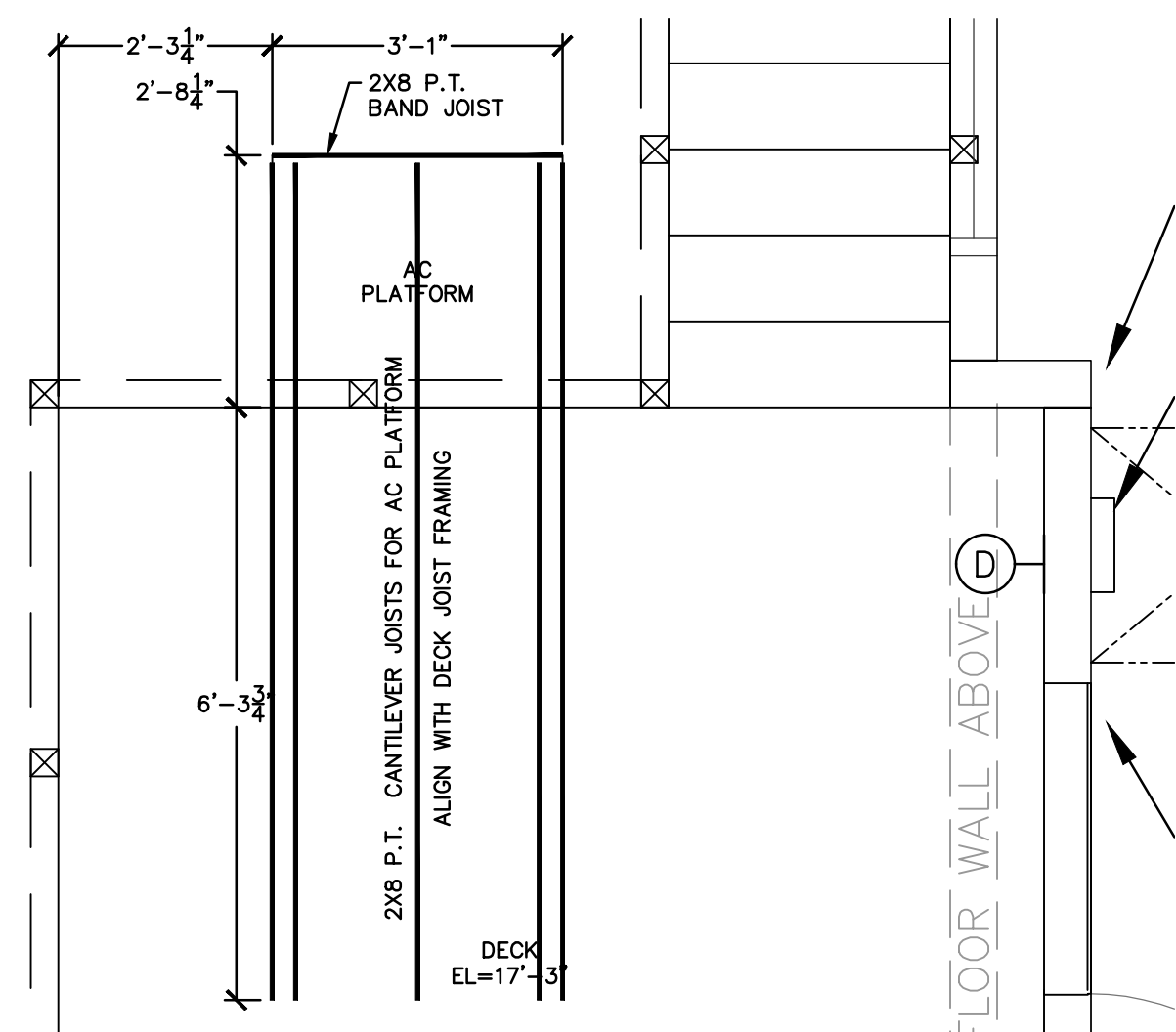
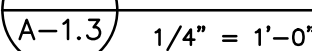
SECOND FLOOR DECK FRAMING PLAN



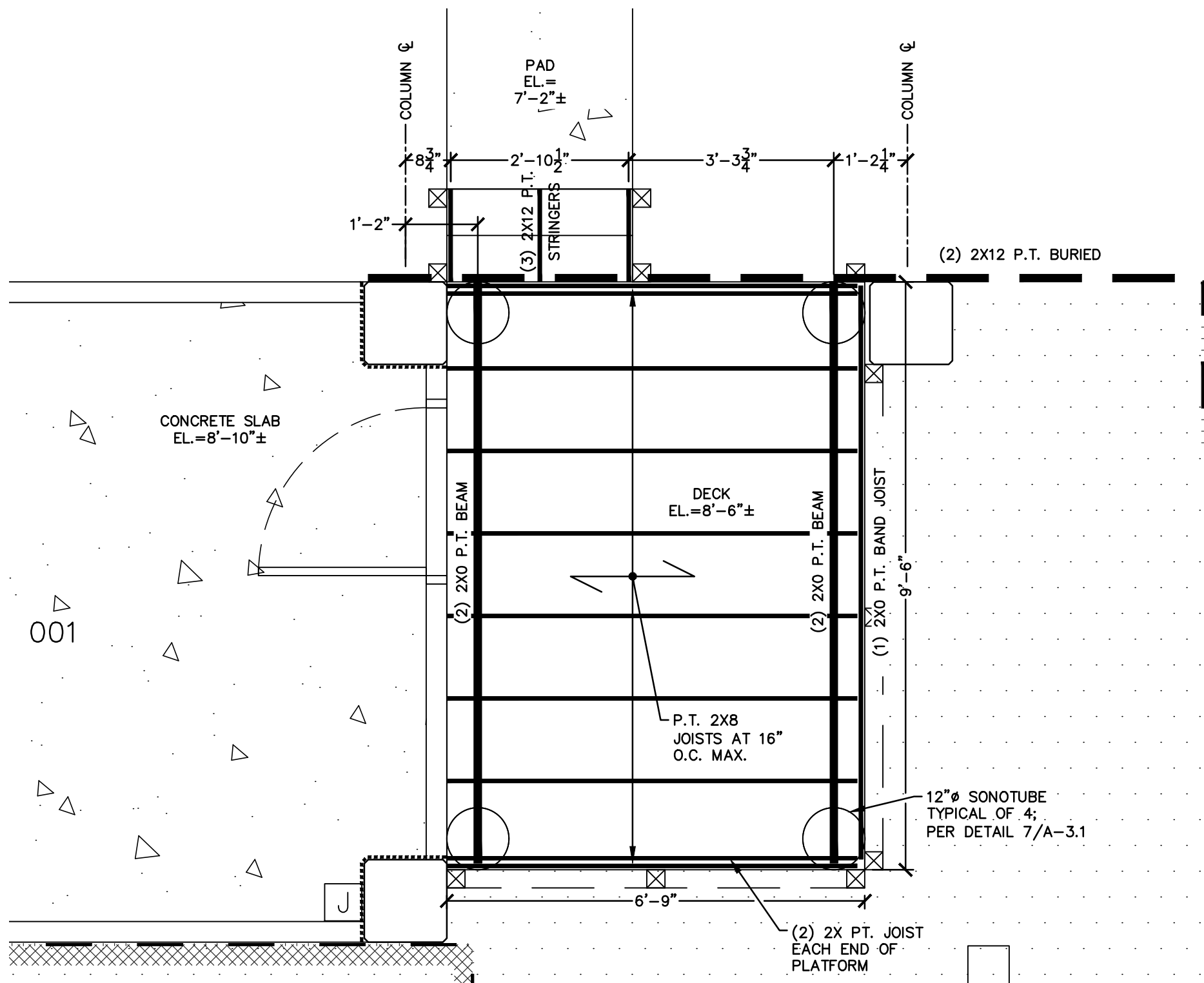
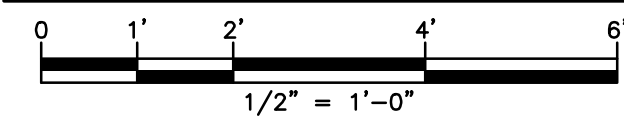
STAIR FRAMING PLAN



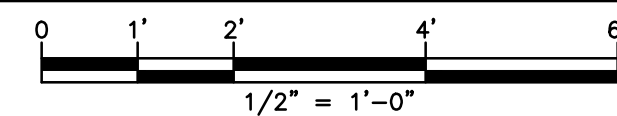
SECTION 1 SECOND FLOOR DECK SECTION



FUTURE AC PLATFORM



LANDING BENEATH HOUSE



SHEAR WALL SCHEDULE								
WALL LINE ID	SHEATHING			FASTENER DATA	PANEL EDGE NAILING SPACING	PANEL INTERMEDIATE NAILING SPACING	BOTTOM/TOP PLATE NAILING	COMMENTS
	FACES	TYPE	THICKNESS (N.)					
BW-1	ONE	APA PLYWOOD	1/2	8d COMMON NAIL	1 ROW AT 6" O.C.	12	2 ROWS AT 4" O.C.	DORMER WALLS
BW-2	ONE	APA PLYWOOD	1/2	8d COMMON NAIL	1 ROW AT 3" O.C.	12	2 ROWS AT 4" O.C.	GABLE END WALLS

2 ATTIC SHEAR WALL SCHEDULE
A-1.3 N.T.S.

HOLD DOWN SCHEDULE								
HOLD DOWN ID	HOLD DOWN	FASTENERS			FASTENER DATA	POST ANCHORAGE	SILL ANCHORAGE	COMMENTS
		SILL FACE	BOTTOM	STUD FACE				
HDU-1	SIMPSON MSTC66B3	14	4	38	10d COMMON NAIL	(3) 2X6	2X10 JOIST OR SQUASH BLOCKING	ATTIC LEVEL WALL HOLD DOWN

3 HOLD DOWN SCHEDULE
A-1.3 N.T.S.

JOINT DESCRIPTION	NUMBER COMMON NAILS	NAIL SPACING	COMMENT
ROOF FRAMING			
RAFTER TO TOP PLATE	5-8d	PER RAFTER	TOE-NAILED
CEILING JOIST TO TOP PLATE	5-8d	PER JOIST	TOE-NAILED
CEILING JOIST TO PARALLEL RAFTER	3-16d	EACH JOIST/RAFTER	FACE-NAILED
COLLAR TIE TO RAFTER	3-10d	PER TIE	FACE-NAILED
BLOCKING TO RAFTER	2-8d	EACH END	TOE-NAILED
RIM BOARD TO RAFTER	2-16d	EACH END	END-NAILED
WALL FRAMING			
TOP PLATE TO TOP PLATE	2-16d	PER FOOT	FACE-NAILED
TOP PLATE AT INTERSECTIONS	4-16d	EACH SIDE	FACE-NAILED
STUD TO STUD	2-16d	24" O.C.	FACE-NAILED
HEADER TO HEADER	16d	16" O.C. ALONG EDGE	FACE-NAILED
TOP PLATE TO STUD	2-16d	EACH STUD	END-NAILED
BOTTOM PLATE TO STUD	2-16d	EACH STUD	END-NAILED
BOTTOM PLATE TO JOIST/BLOCKING	2-16d	PER FOOT	FACE-NAILED
FLOOR FRAMING			
JOIST TO SILL, TOP PLATE, OR GIRDER	4-8d	EACH JOIST	TOE-NAILED
BLOCKING/BRIDGING TO JOIST	2-8d	EACH END	TOE-NAILED
BLOCKING TO SILL/TOP PLATE	3-16d	EACH BLOCK	TOE-NAILED
BAND JOIST TO JOIST	3-16d	PER JOIST	END-NAILED
BAND JOIST TO SILL/TOP PLATE	2-16d	PER FOOT	TOE-NAILED
ROOF SHEATHING			
WOOD STRUCTURAL PANEL - ZONE 1	10d	6" EDGES/12" FIELD	
WOOD STRUCTURAL PANEL - ZONE 2	10d	6" EDGE/6" FIELD	
WOOD STRUCTURAL PANEL - ZONE 3	10d	4" EDGE/6" FIELD	
WALL SHEATHING			
WOOD STRUCTURAL PANEL	8d	6" EDGES/ 12" FIELD	
FLOOR SHEATHING			
WOOD STRUCTURAL PANEL	10d	6" EDGES/ 12" FIELD	
CEILING SHEATHING			
GYPSON BOARD	5d COOLERS	7" EDGE/10" FIELD	

4 NAILING TABLE
A-1.3 N.T.S.

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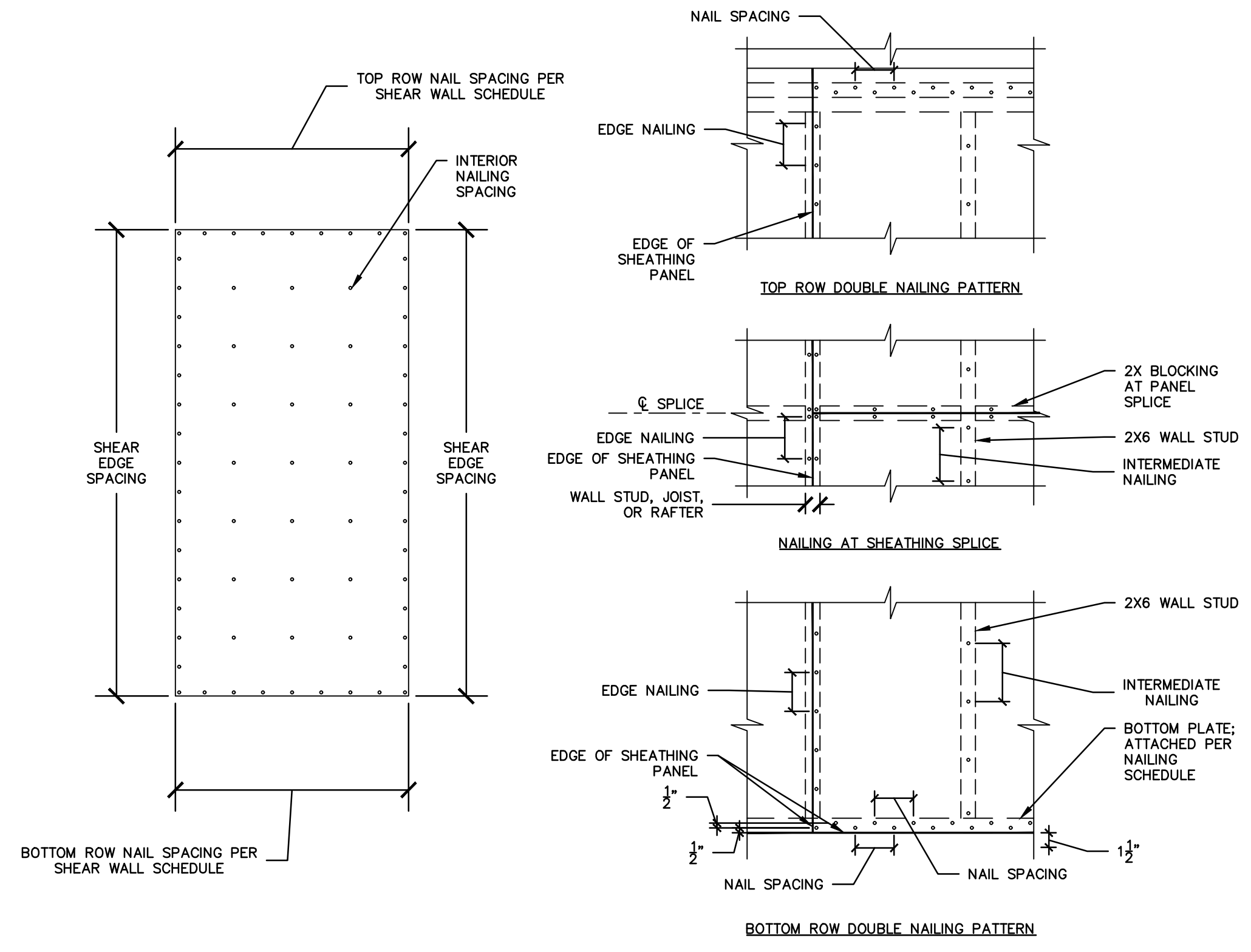
PROJECT 1247
12 JACOB STREET
NORWALK, CONNECTICUT 06853

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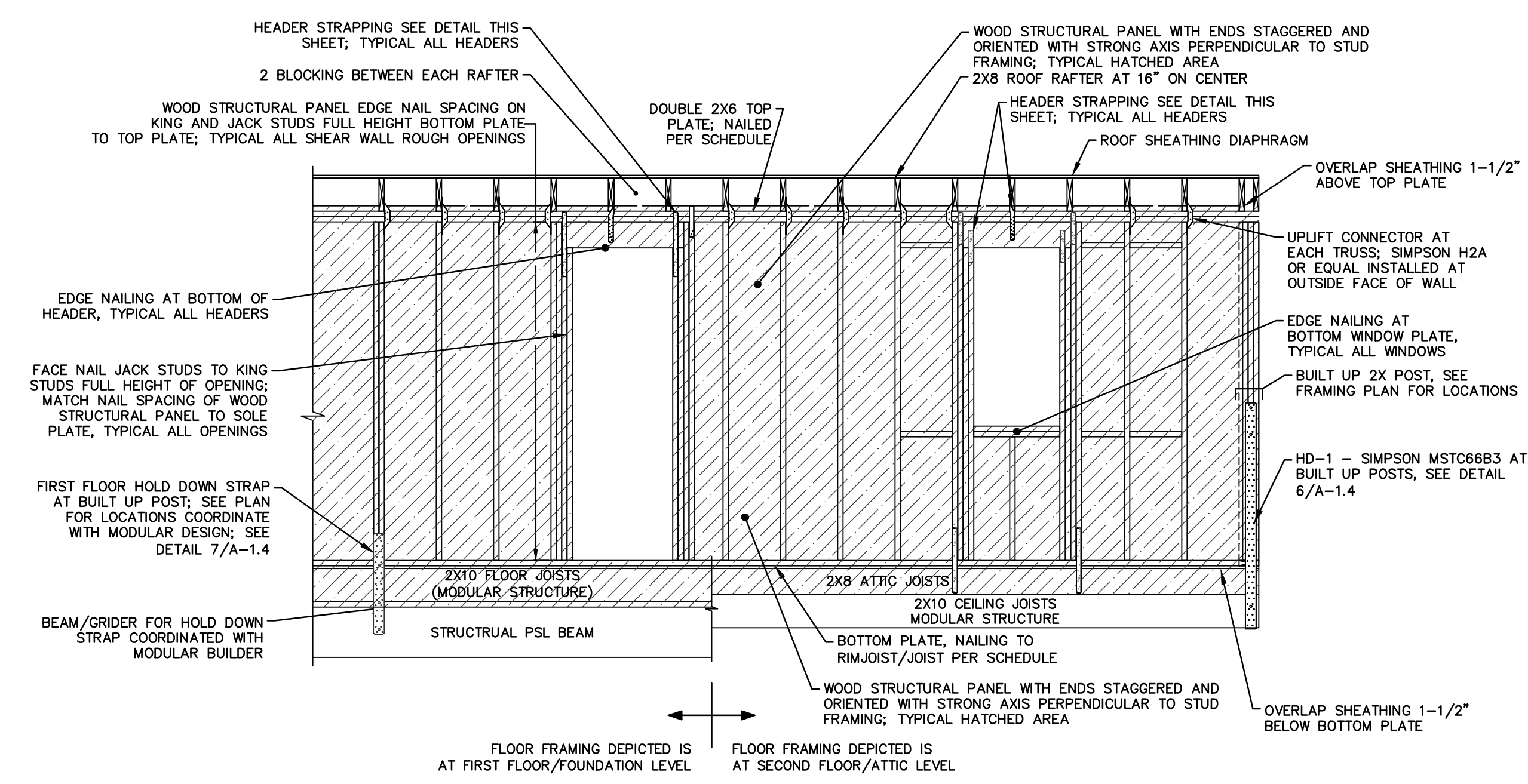
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1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 12/17/18

FRAMING PLANS - 2

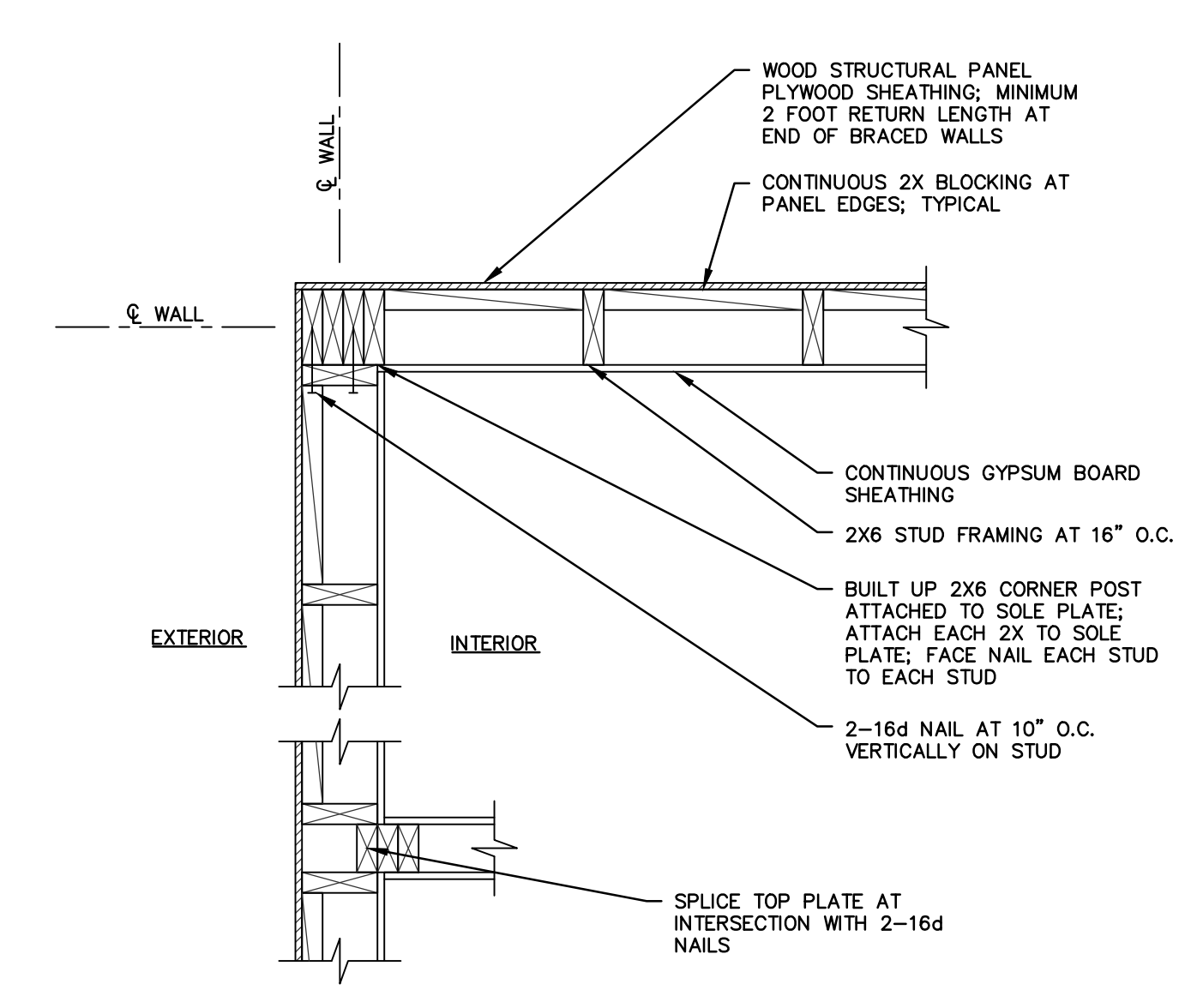
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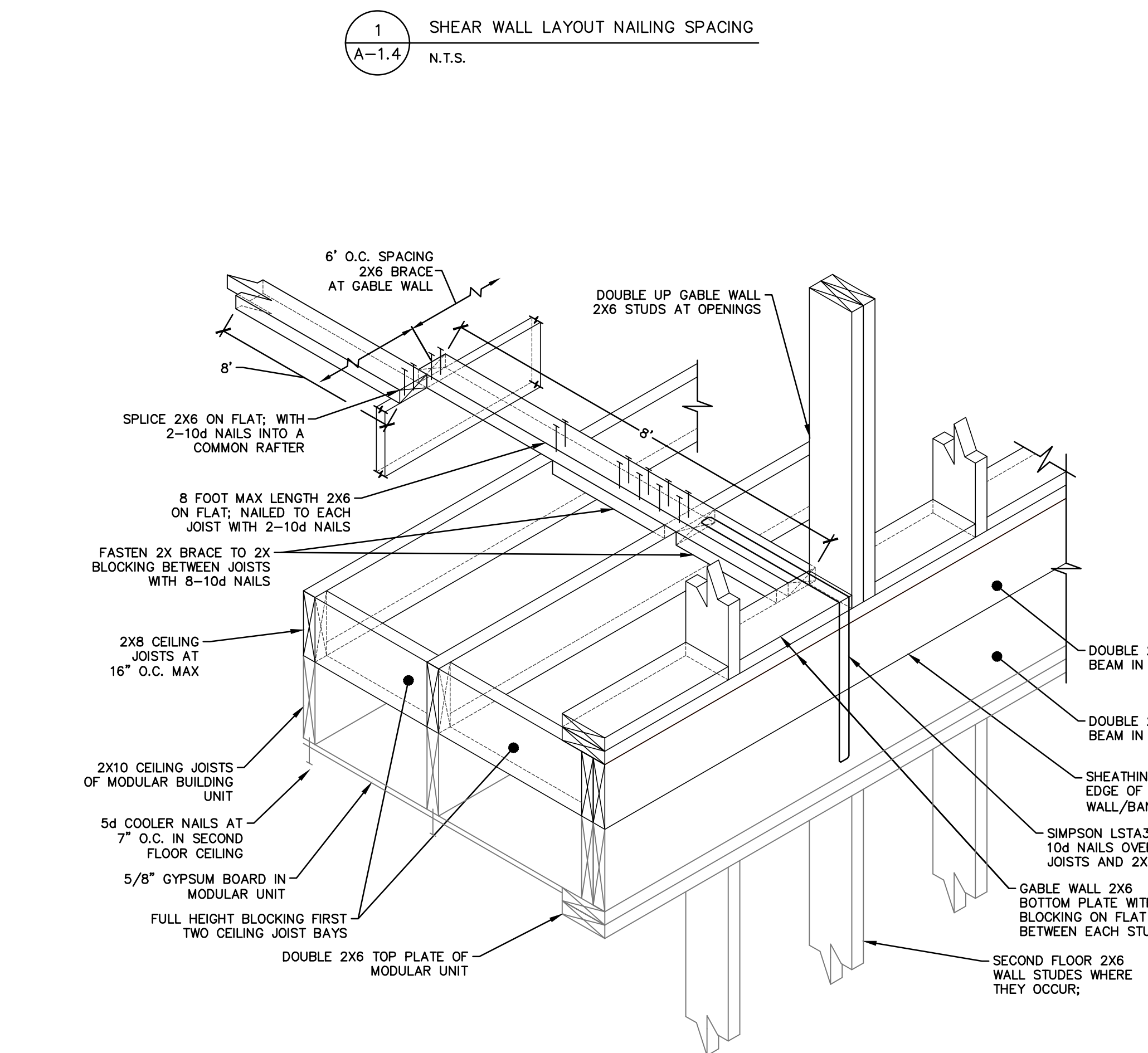
1 SHEAR WALL LAYOUT NAILING SPACING
A-1.4 N.T.S.



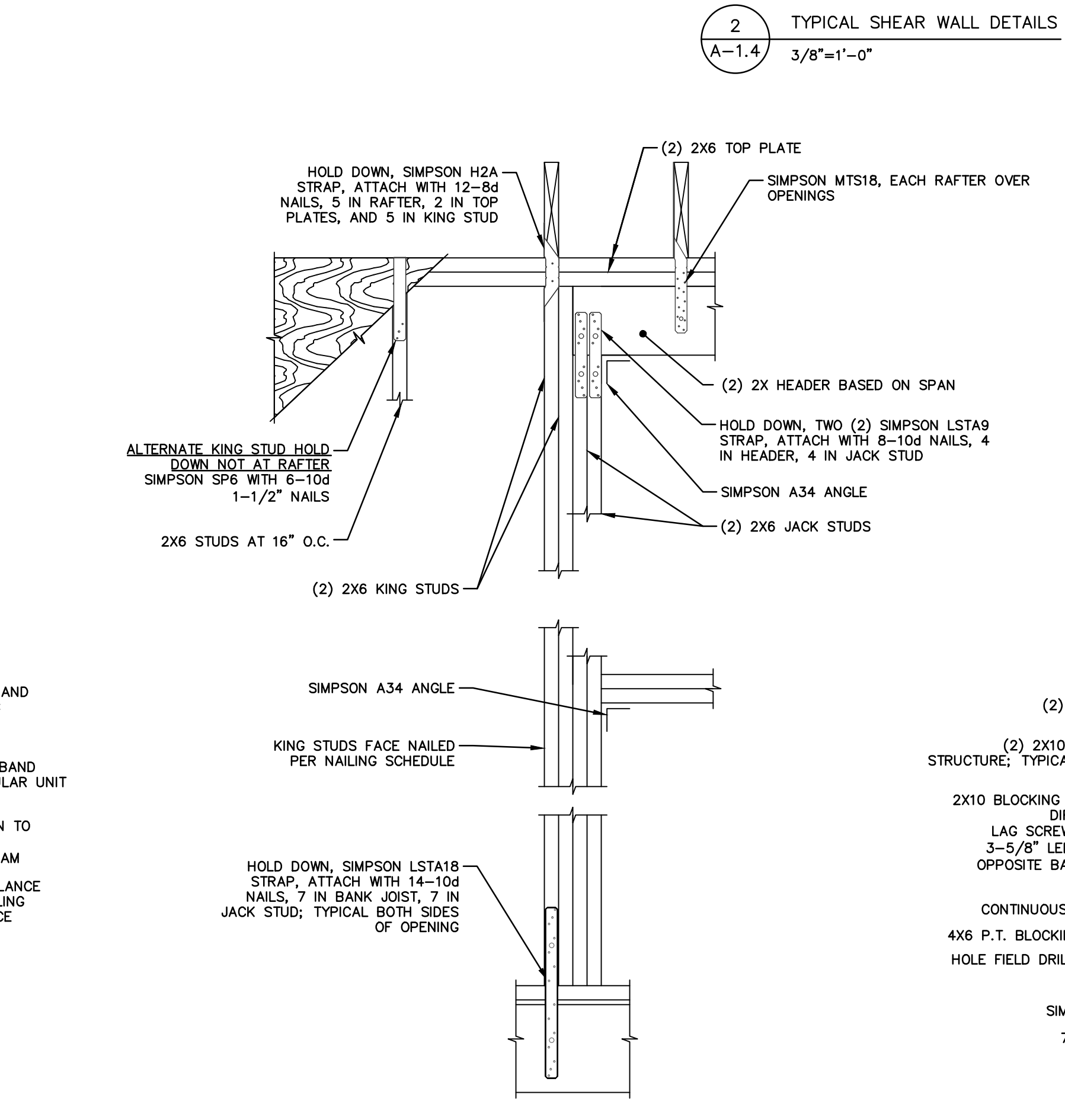
2 TYPICAL SHEAR WALL DETAILS
A-1.4 3/8"=1'-0"



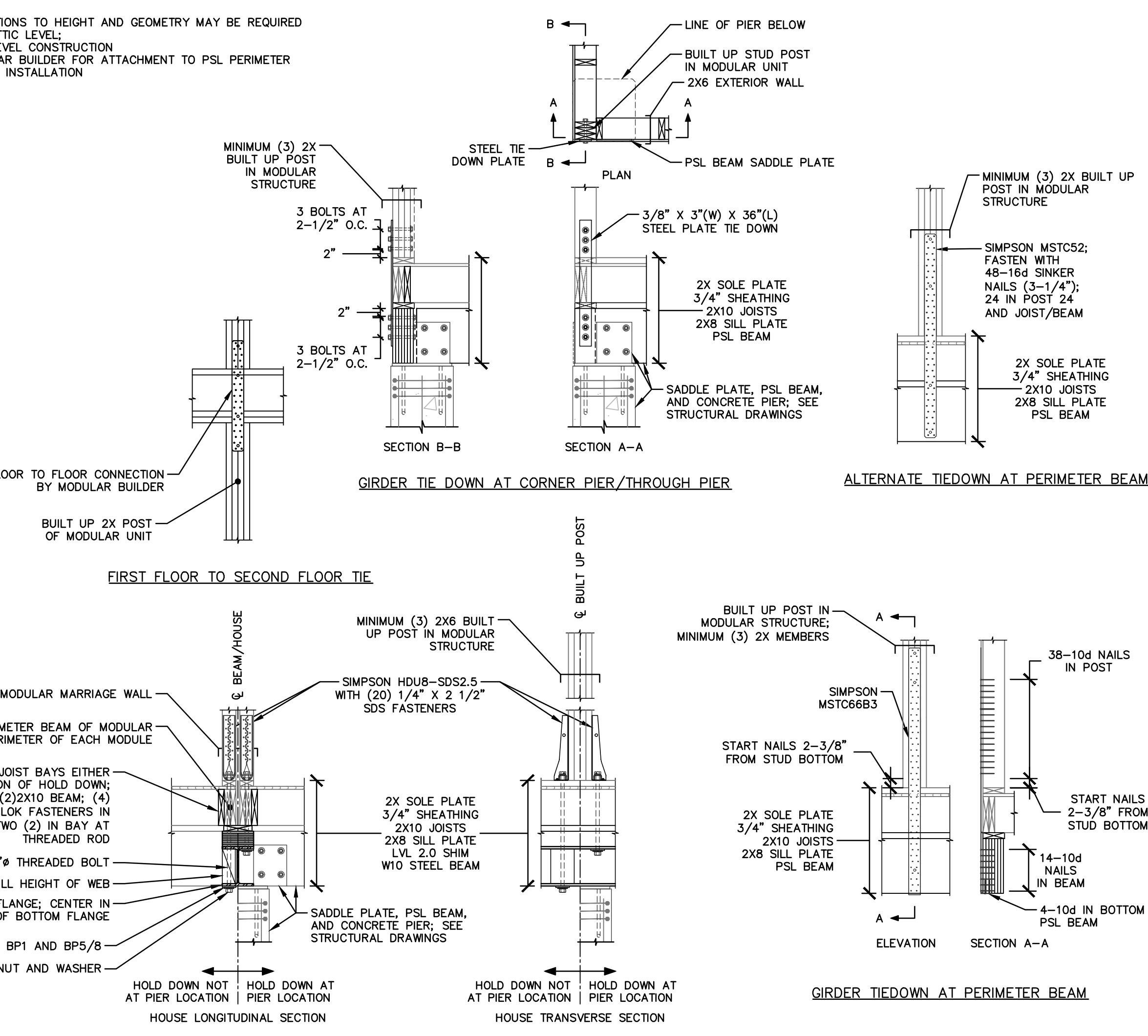
3 SHEAR WALL LAYOUT AND CORNER DETAIL
A-1.4 N.T.S.



4 GABLE END WALL TIE DOWN DETAIL
A-1.4 N.T.S.



5 SHEAR WALL HEADER TIE DOWN DETAIL
A-1.4 1" = 1'-0"



6 FIRST FLOOR HOLD DOWNS
A-1.4 1/2" = 1'-0"

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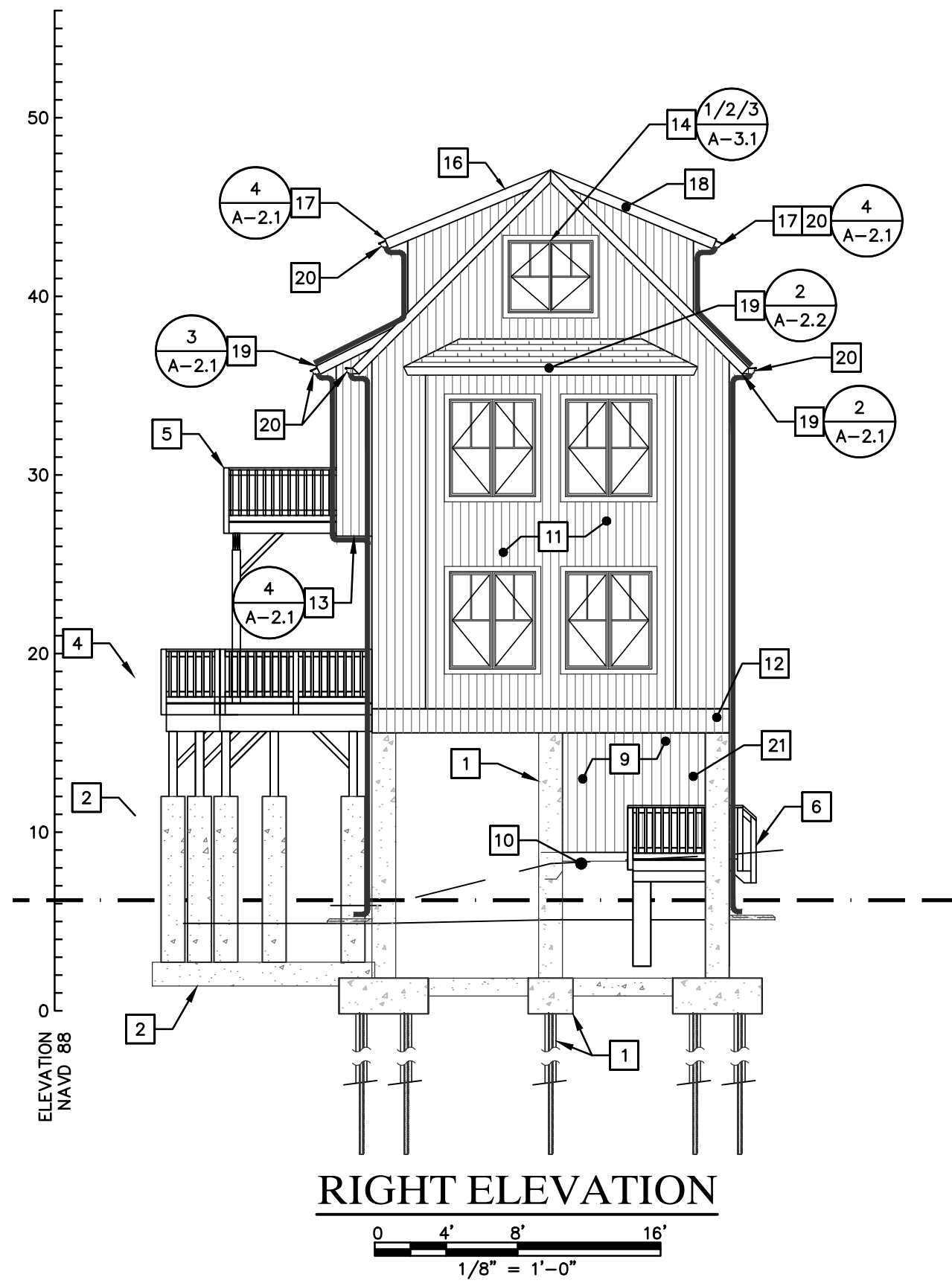
PROJECT 1247
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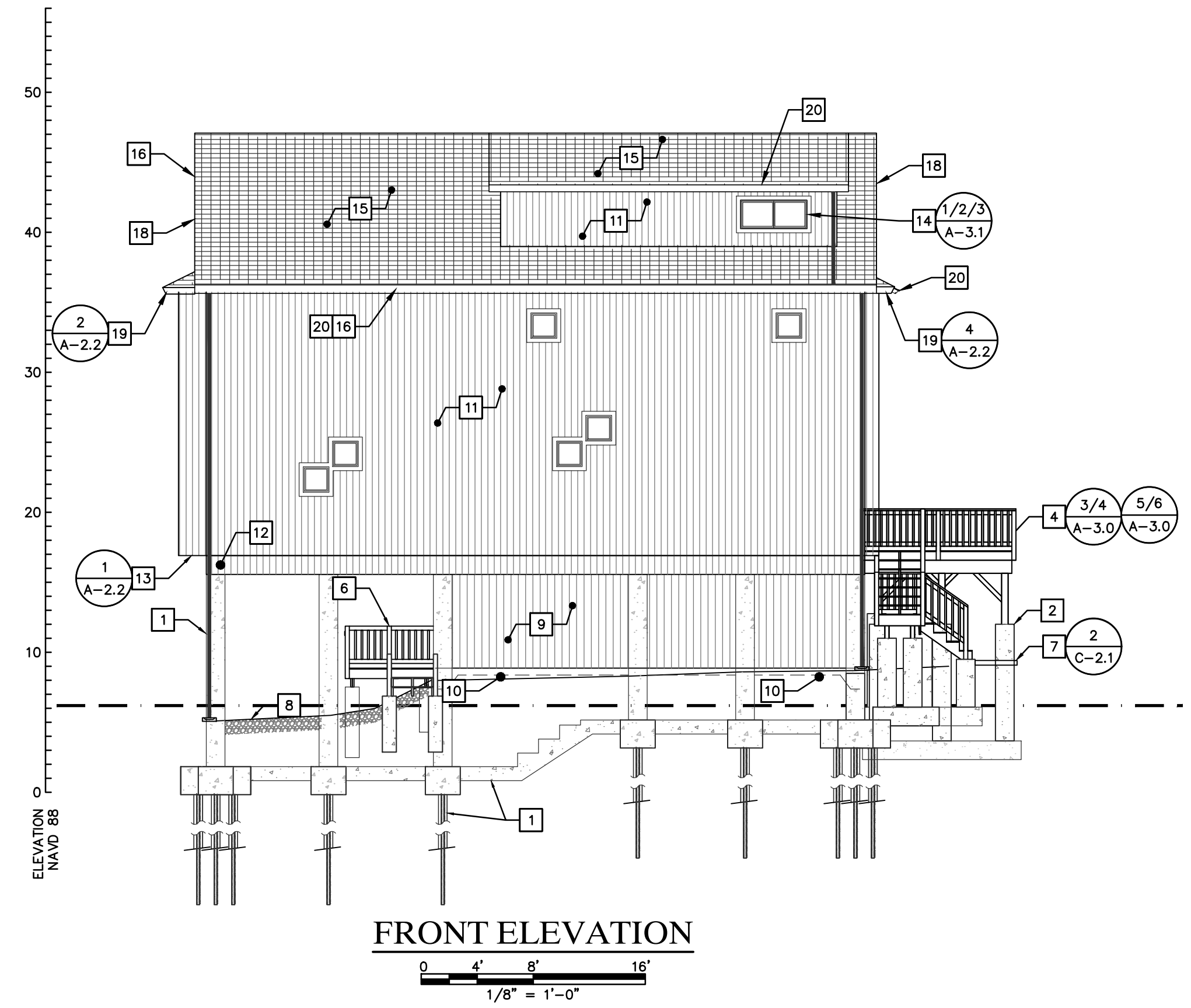
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NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN:	MBR	CHECKED:	MBR	APPROVED:	REC
SCALE:	1" = 5'	DATE:	12/17/18		

FRAMING DETAILS

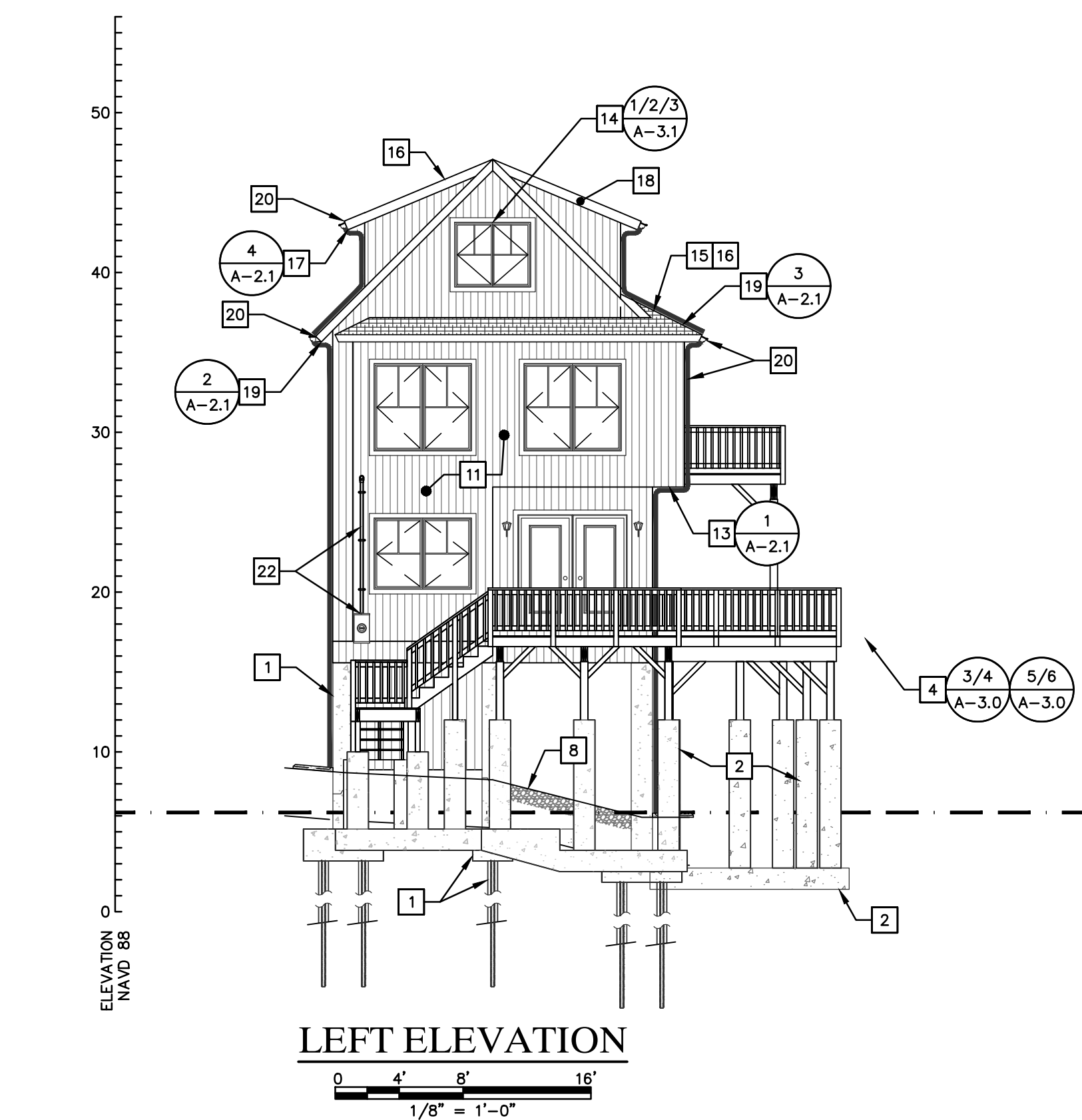
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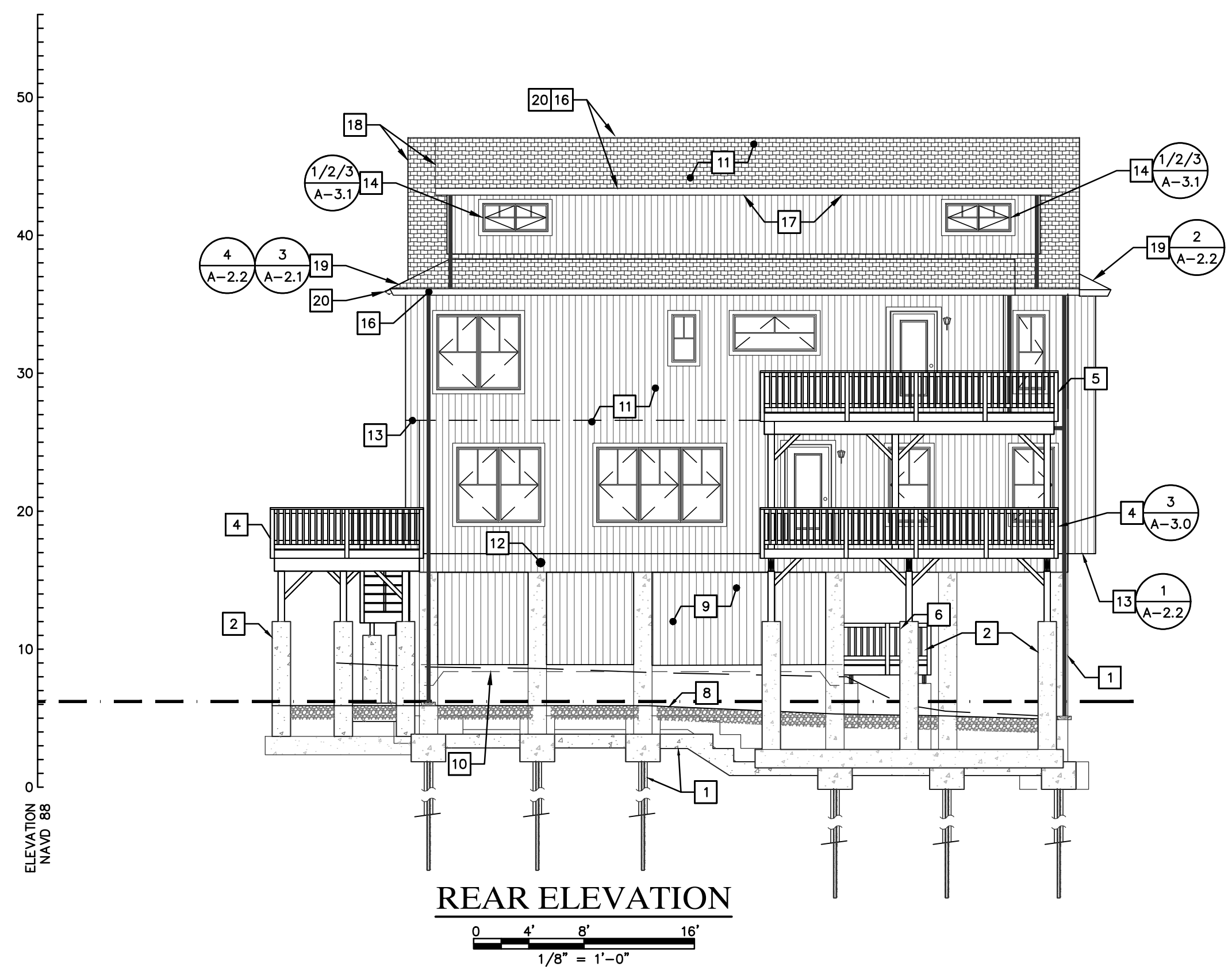
RIGHT ELEVATION



FRONT ELEVATION



LEFT ELEVATION



REAR ELEVATION

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MARTINEZ COUCH AND ASSOCIATES PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND TO THE PROPERTY OWNER'S SATISFACTION.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

KEY NOTES (THIS SHEET)

- 1 BUILDING FOUNDATION, SEE STRUCTURAL DRAWINGS.
- 2 DECK FOUNDATION, SEE STRUCTURAL DRAWINGS SHEETS
- 3 FUTURE AIR CONDITIONING PLATFORM WITH DECKING
- 4 PRESSURE TREATED WOOD DECKS AND STAIRS - ADD ALTERNATE NO. 1 - TREX TRANSCEND COMPOSITE DECKING WITH RECESSED FASTENERS. SEE SHEET A-3.0 FOR DECK DETAILS
- 5 SECOND FLOOR DECK FROM MODULAR UNIT, LEDGE ATTACHMENT TO BUILDING, DECK POSTS SUPPORTED ON BEAM AT FIRST FLOOR DECK. SEE SHEET A-3.0 FOR DECK DETAILS.
- 6 PRESSURE TREATED WOOD LANDING BENEATH HOUSE FROM STORAGE ROOM WITH BREAKAWAY WALLS, FOUNDED ON FOUR #12" SONOTUBES. SEE SHEET A-3.0 FOR DECK DETAILS
- 7 FOUR INCH THICK CONCRETE PAD AT STAIR BOTTOM(S)
- 8 12" GRAVEL LAYER BENEATH HOUSE, RETAINED BY (2) 2X12 P.T. WOOD BURIED, LAG SCREW 2X12 TOGETHER AND ATTACHED AT EACH HOUSE PIER
- 9 BREAK AWAY WALL STORAGE AREA BENEATH HOUSE
- 10 6" CONCRETE SLAB WITH THICKENED EDGES IN STORAGE AREA BENEATH HOUSE; FLOAT FINISH SLAB
- 11 PREFINISHED SHIPLAP VERTICAL BOARD SIDING 6" EXPOSURE, TYPICAL OVER ENTIRE HOUSE EXTERIOR WALLS; ADD ALTERNATE 2: DELETE SIDING ON STORAGE AREA BENEATH HOUSE
- 12 BUILDING SILL CONSTRUCTION AT TOP OF STRUCTURAL PIERS
- 13 FINISH SOFFIT CONSTRUCTION AT CANTILEVERED SECTIONS OF MODULAR BUILDING AT FIRST AND SECOND FLOOR PER DETAILS
- 14 WINDOW TRIM INSTALLATION AND WATERPROOFING PER DETAILS AND SPECIFICATIONS. TYPICAL ALL WINDOWS SITE INSTALLED AND MODULAR STRUCTURE WINDOWS
- 15 CONSTRUCT ROOF MEMBRANE AND DECKING PER SPECIFICATION AND INSTALLATION DETAILS, ASPHALT ARCHITECTURAL SHINGLES, 15 LB ROOFING PAPER, ICE AND WATER SHIELD, ON STRUCTURAL ROOF SHEATHING
- 16 COMPLETE ROOF INSTALLATION, INSTALL DRIP EDGE AND ROOFING ACCESSORIES AS REQUIRED INCLUDING ALL FLASHING, DRIP EDGES, AND OTHER ACCESSORIES AT ROOF PENETRATIONS, EAVES, RAKES, AND OVERHANGS
- 17 OPEN SOFFIT AT DORMER SHEDROOF PROJECTION PER DETAILS, TYPICAL ALL SHED ROOF EAVES
- 18 OPEN RAKE OVERHANG PER DETAIL, TYPICAL ALL RAKES
- 19 OPEN SOFFIT AT ROOF EAVE PER DETAILS, TYPICAL ALL SOFFITS
- 20 5" GUTTER AT ROOF EAVE WITH 4X6" DOWNSPOUTS TO GRADE WITH CONCRETE SPLASH BLOCKS
- 21 UTILITY CHASE CONSTRUCTION BENEATH HOUSE FOR WATER SERVICE, SEWER LATERAL, AND PROPANE LINE
- 22 OVERHEAD SERVICE MAST WITH WEATHERHEAD, CONDUIT, TO BYPASS TYPE METER BOX. COMPLETE INSTALLATION PER UTILITY PROVIDER REQUIREMENTS

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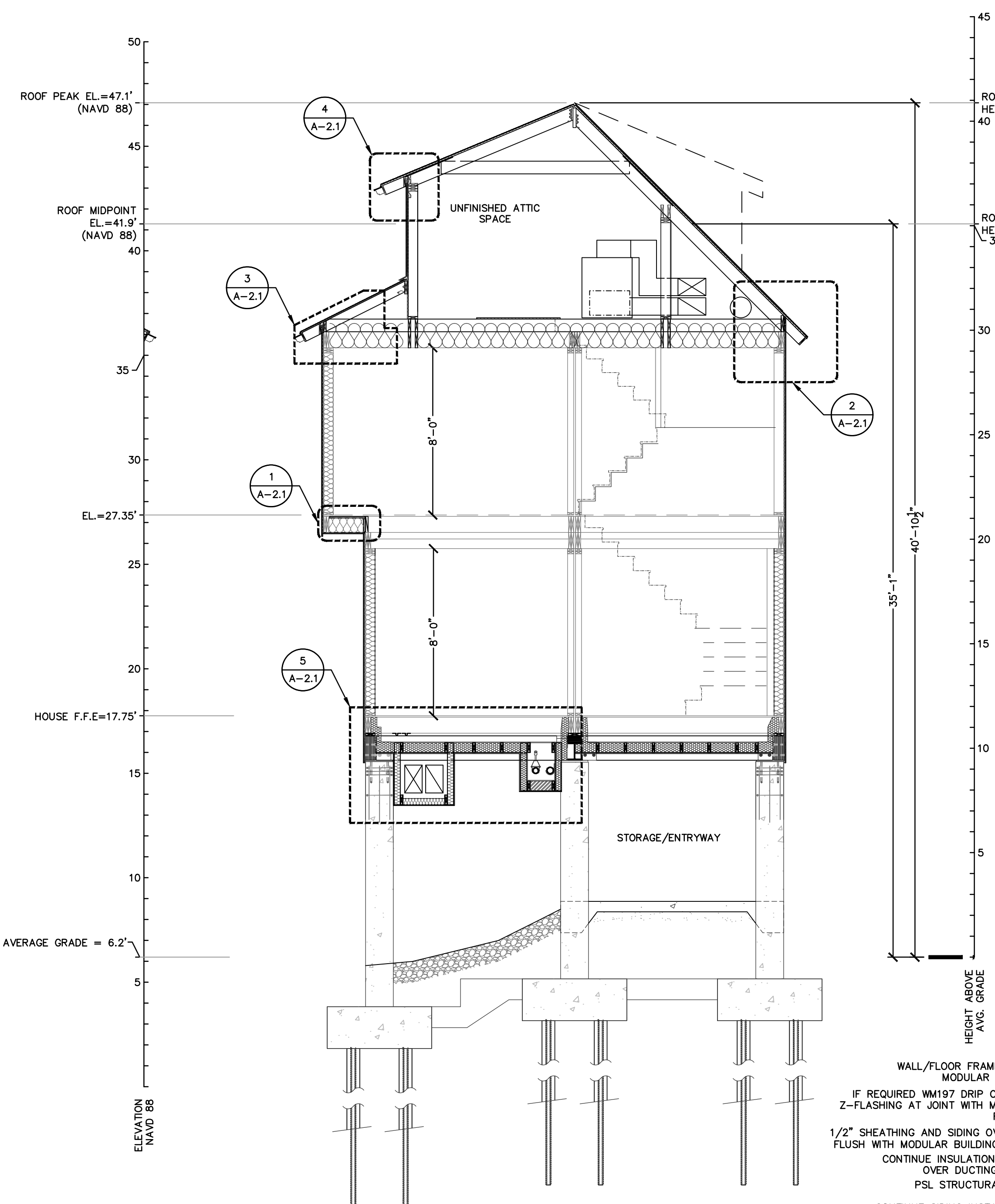
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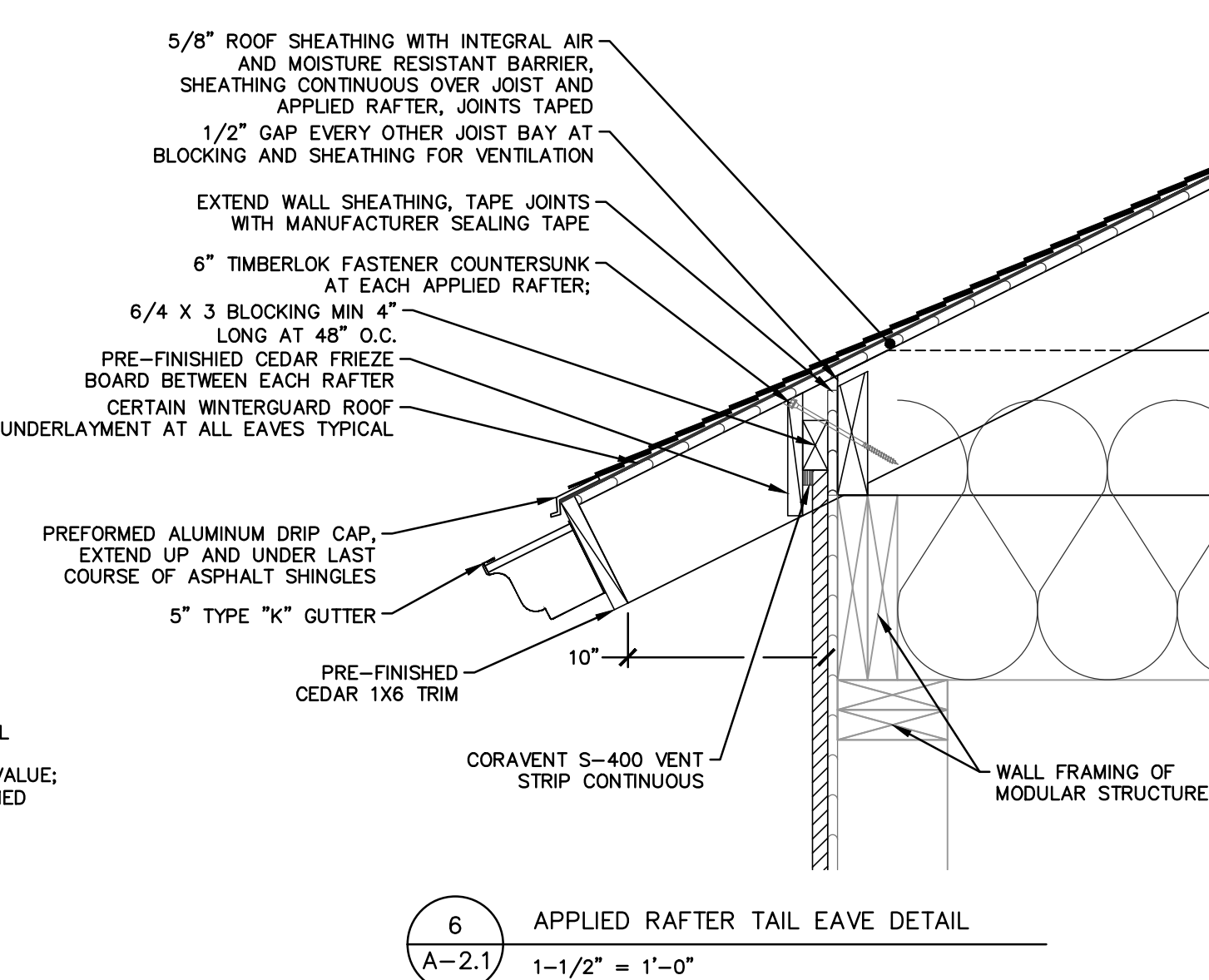
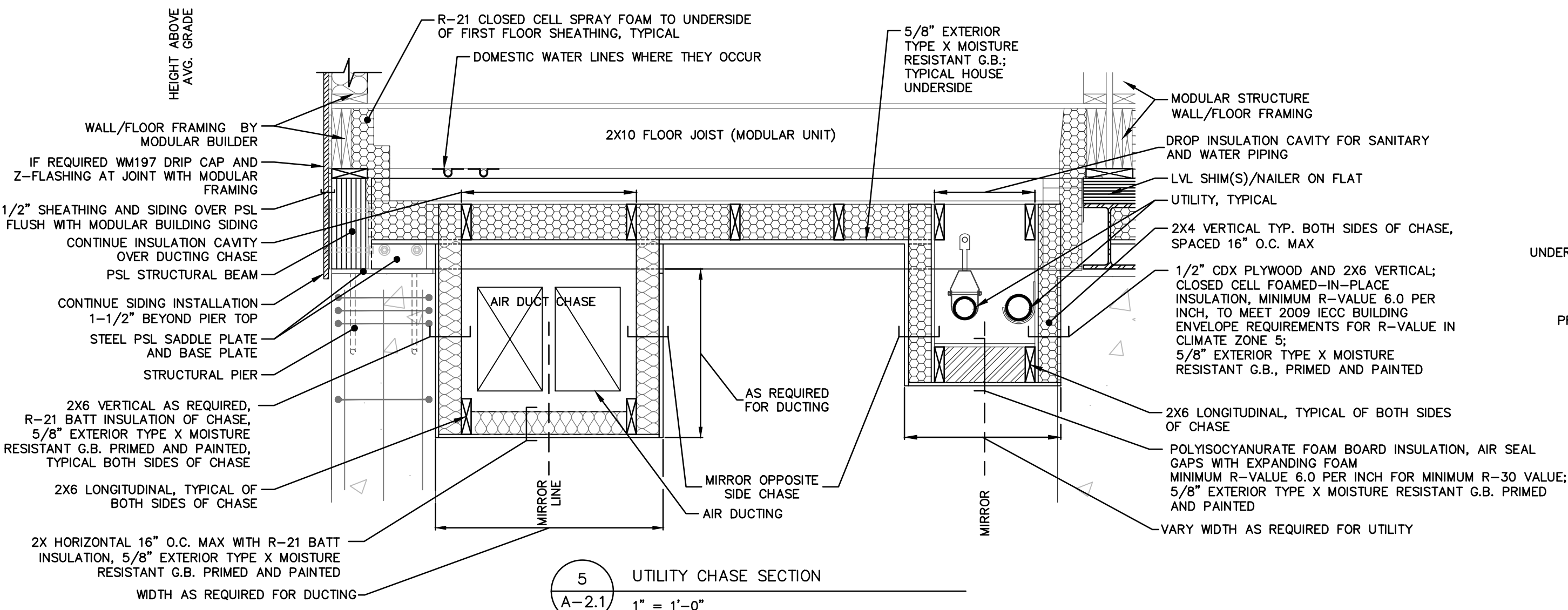
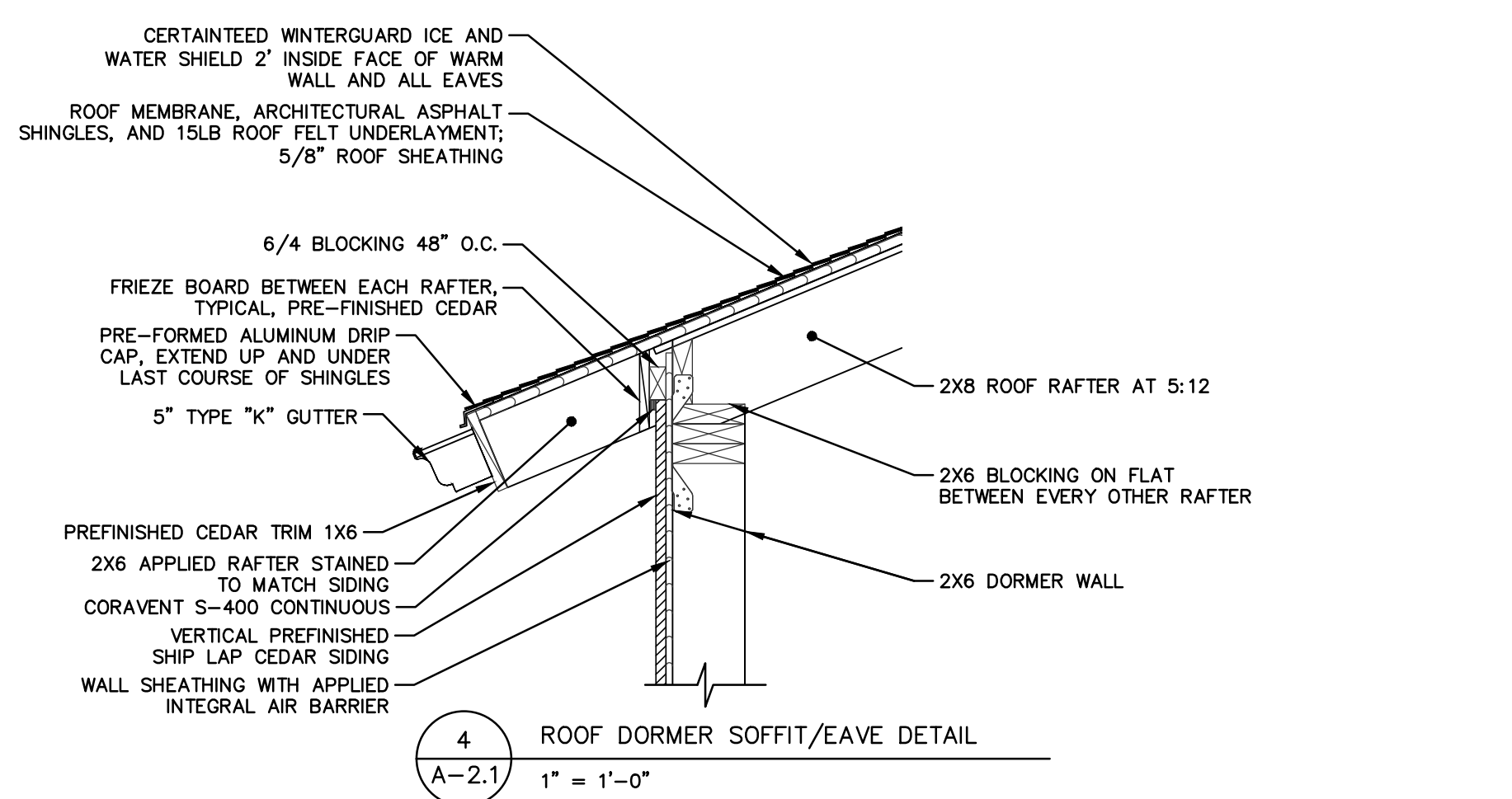
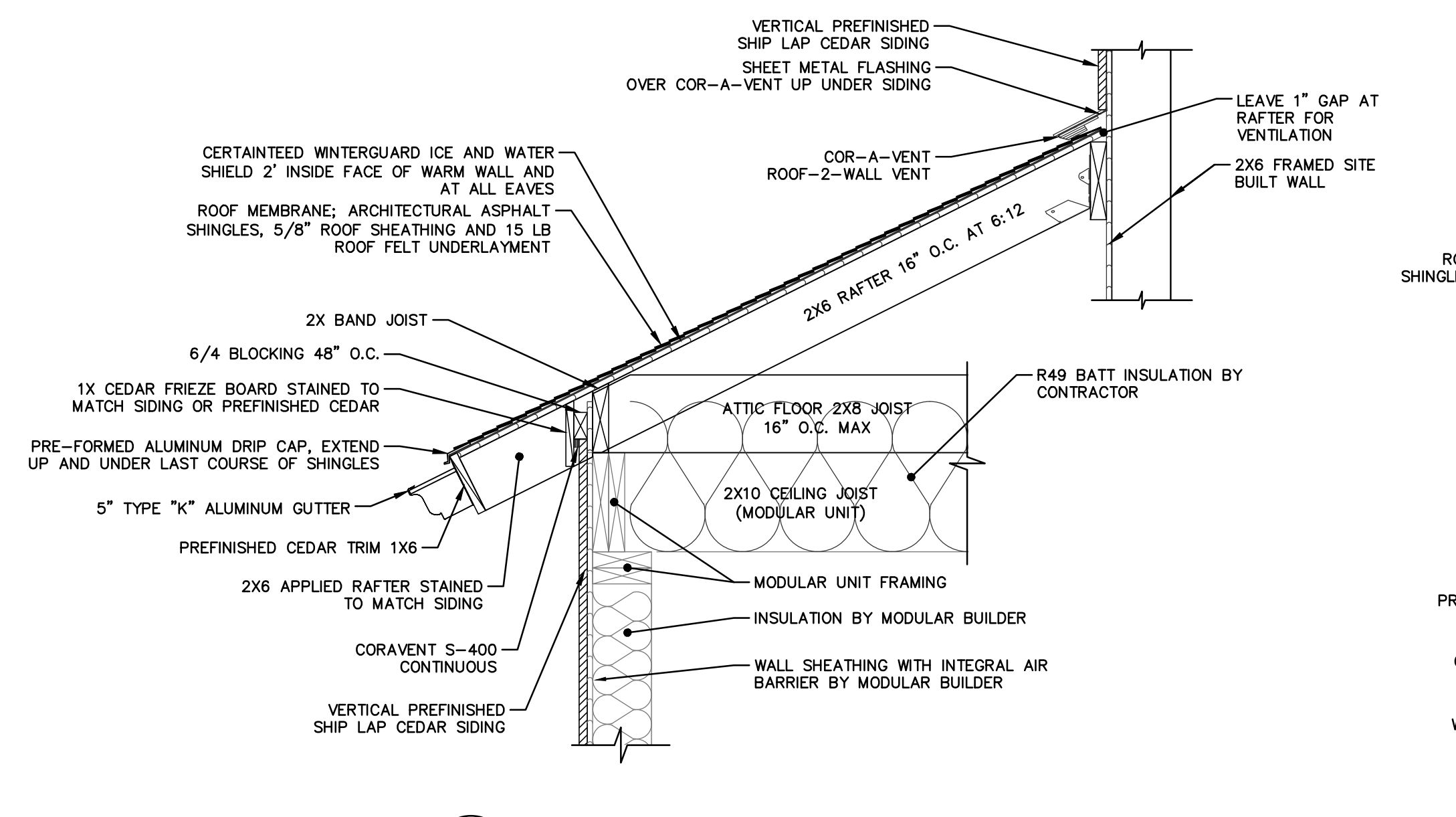
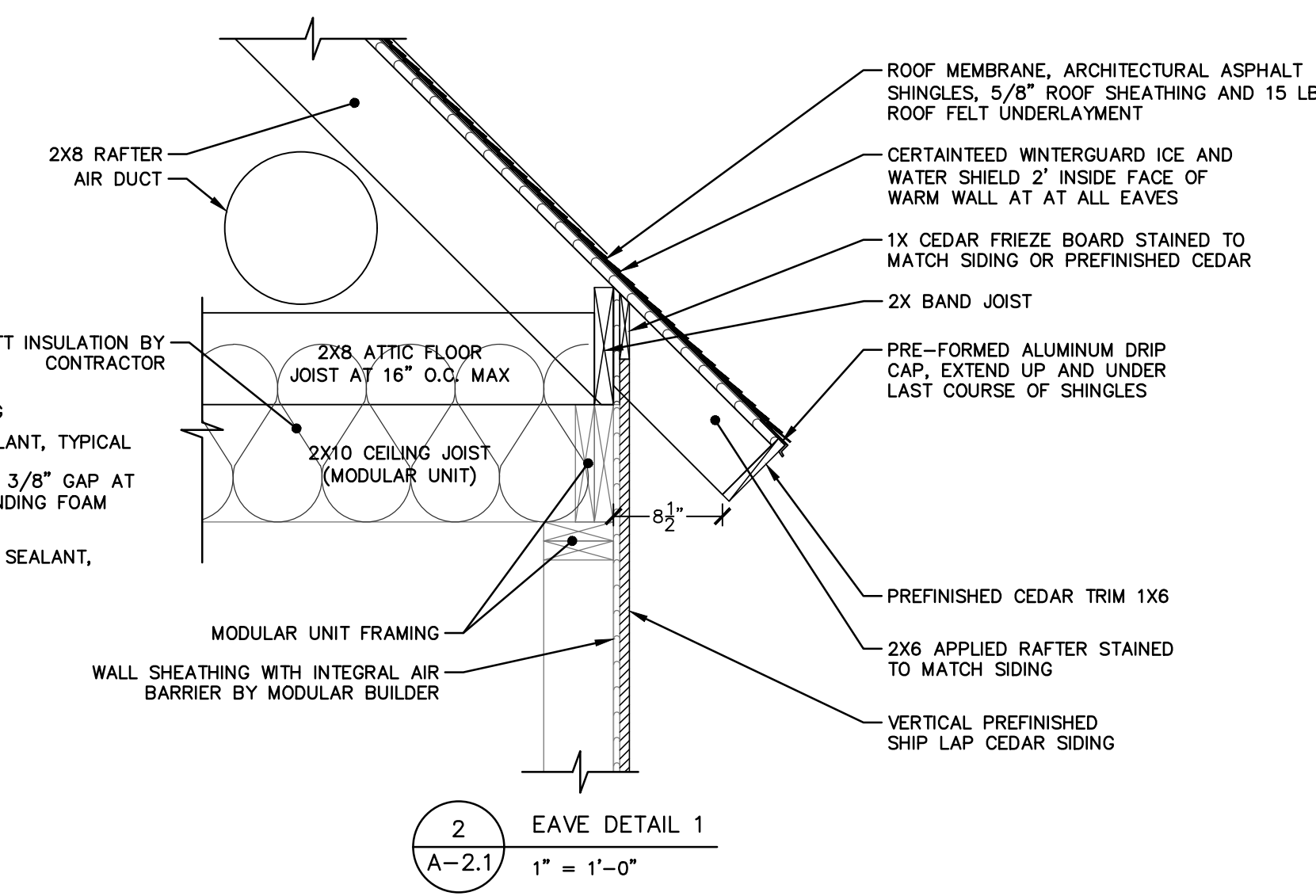
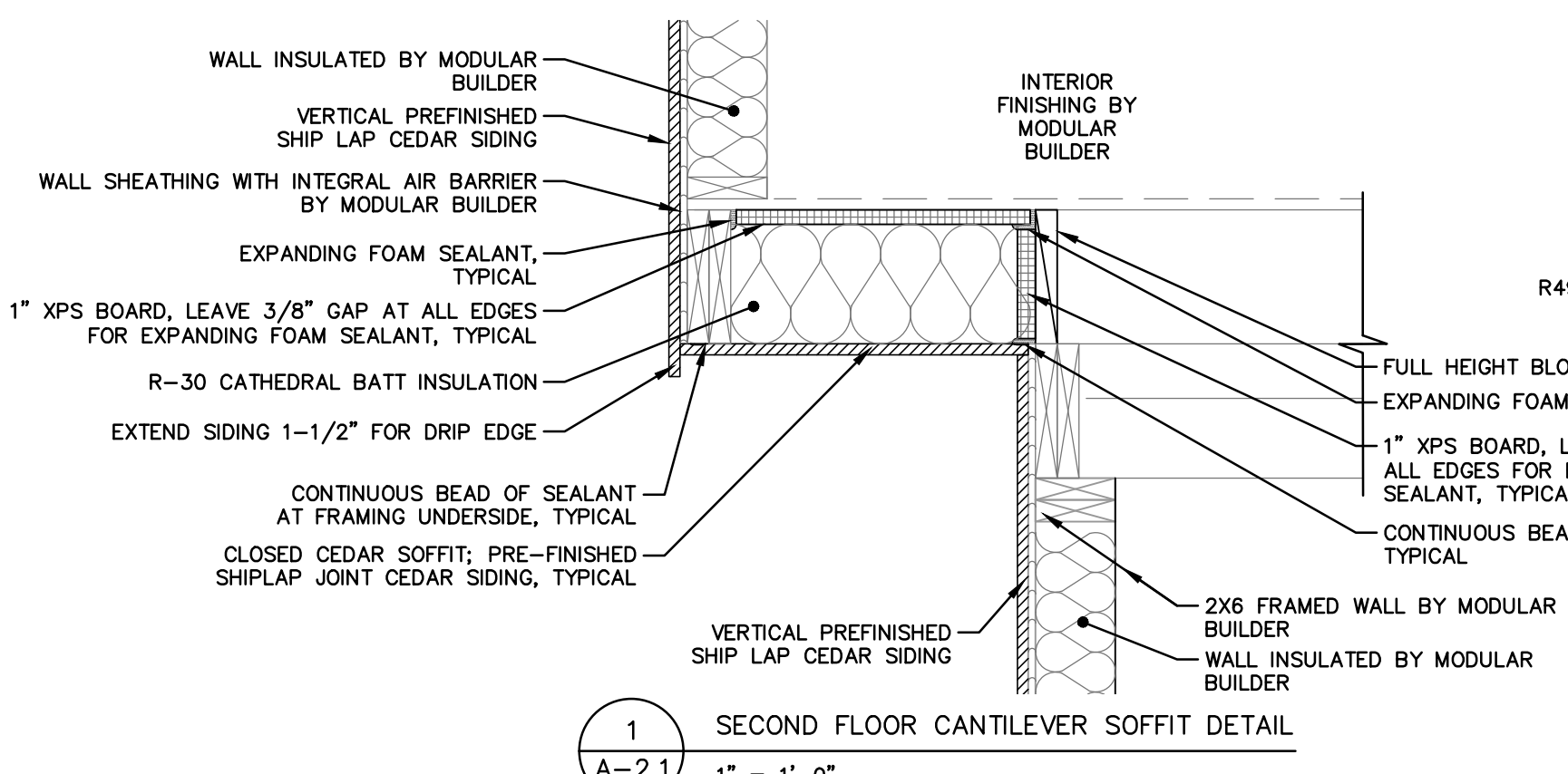
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BUILDING ELEVATIONS

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	B3-262-1247-BASE.dwg	A-2.0



BUILDING SECTION
 0 4 8 12'
 1/4" = 1'-0"



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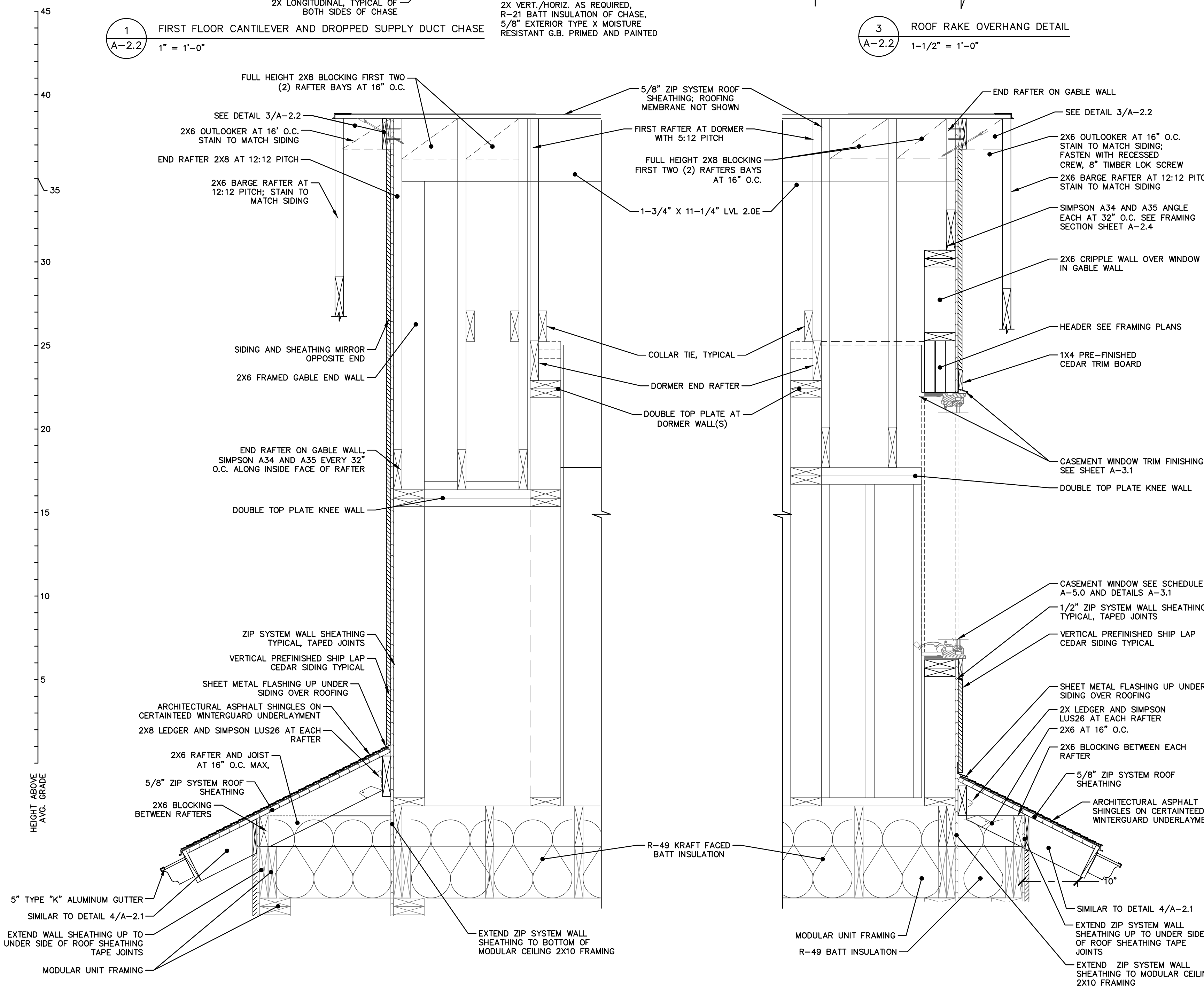
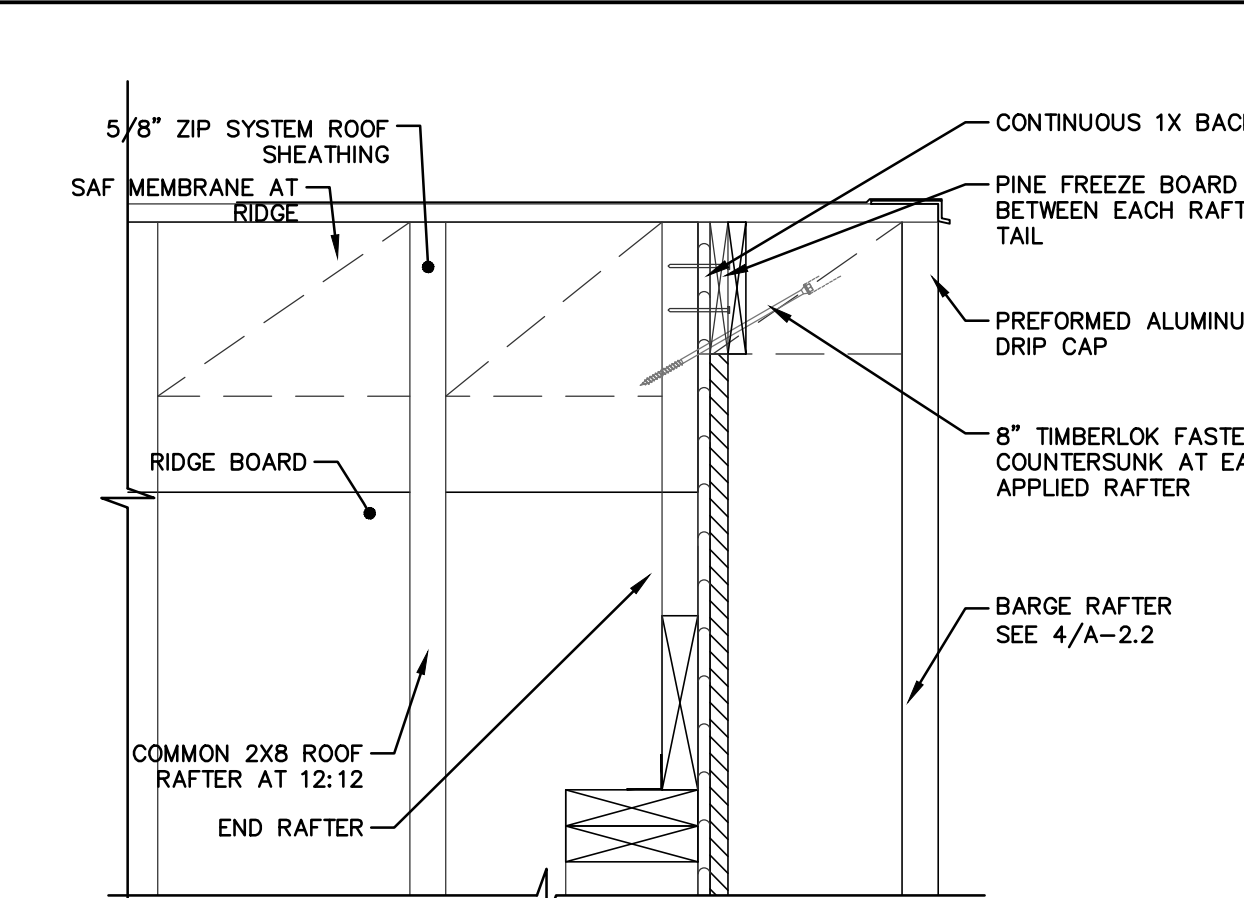
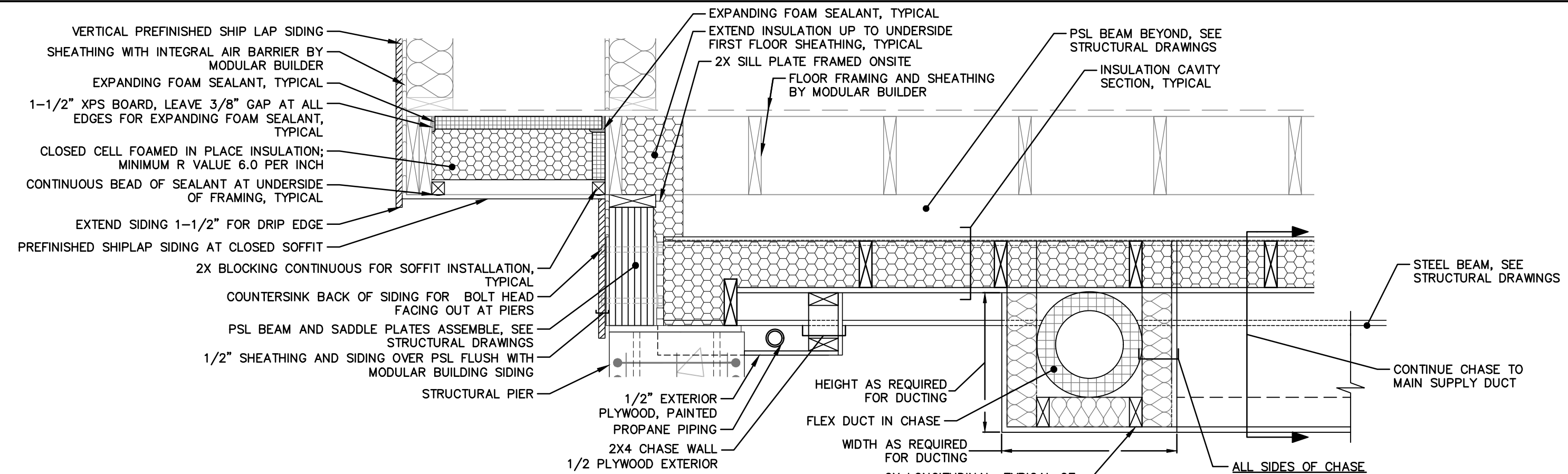
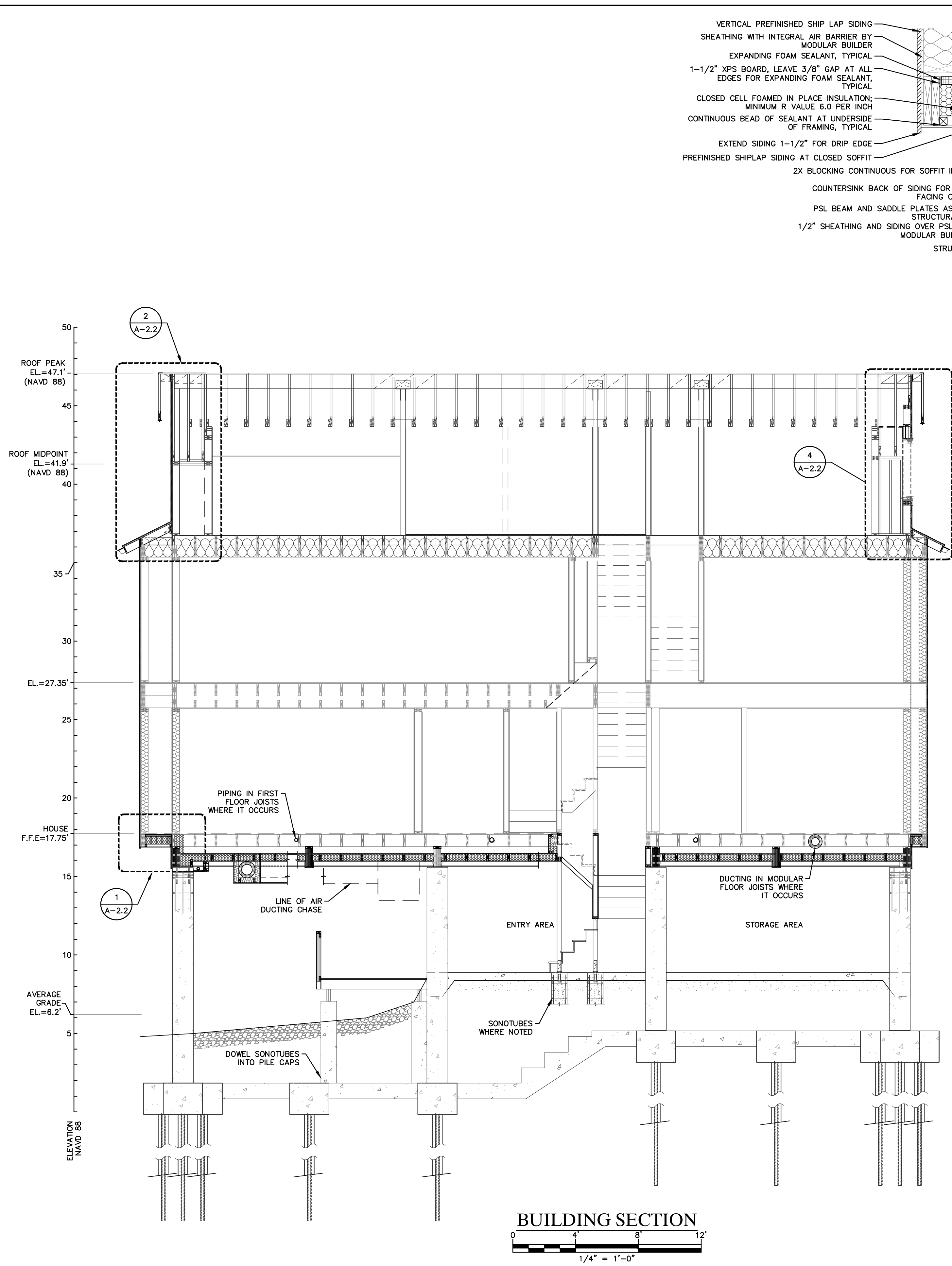
PROJECT 1247
 12 JACOB STREET
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NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 12/17/18

BUILDING SECTIONS - 1

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	A-2.1



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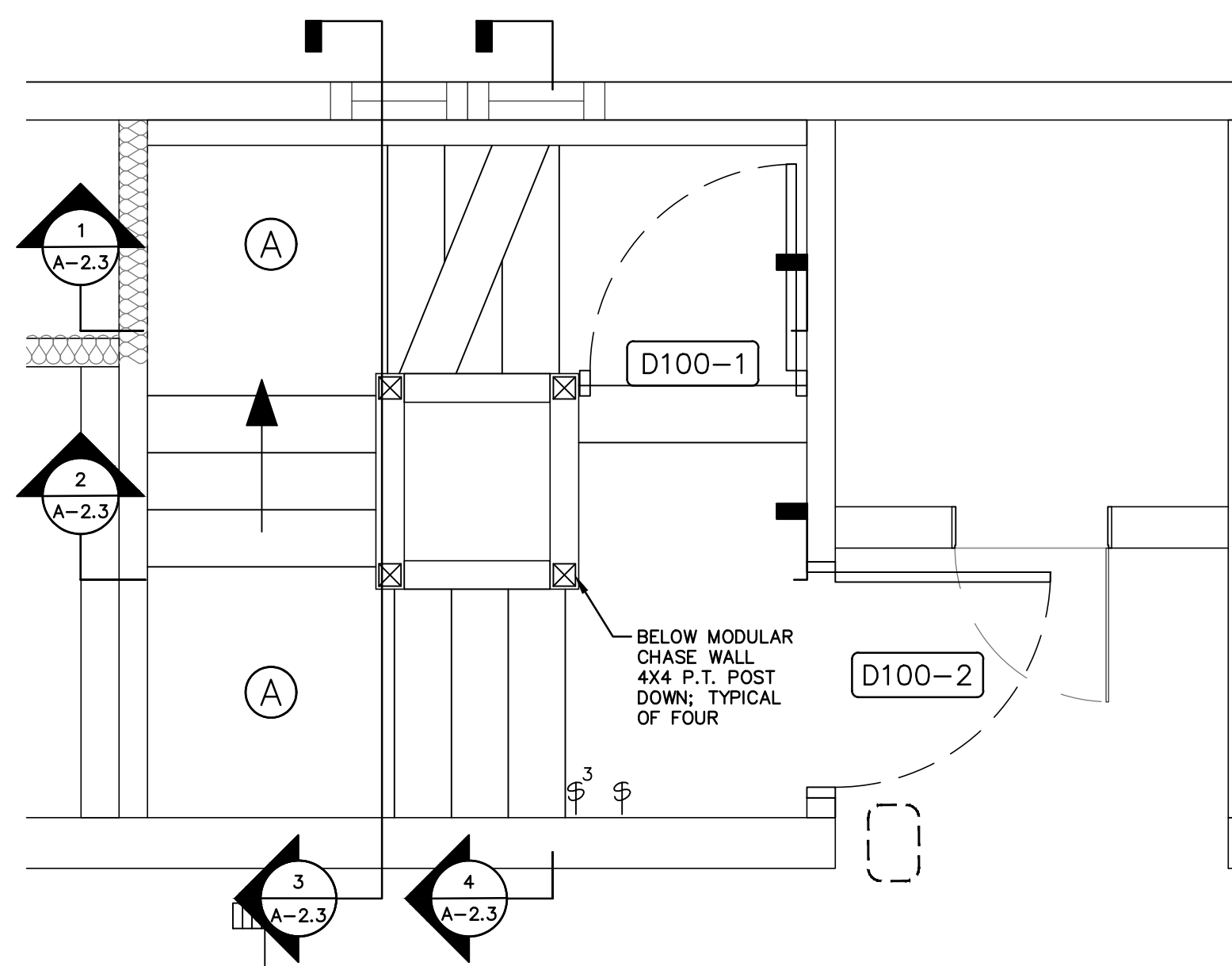
PROJECT 1247
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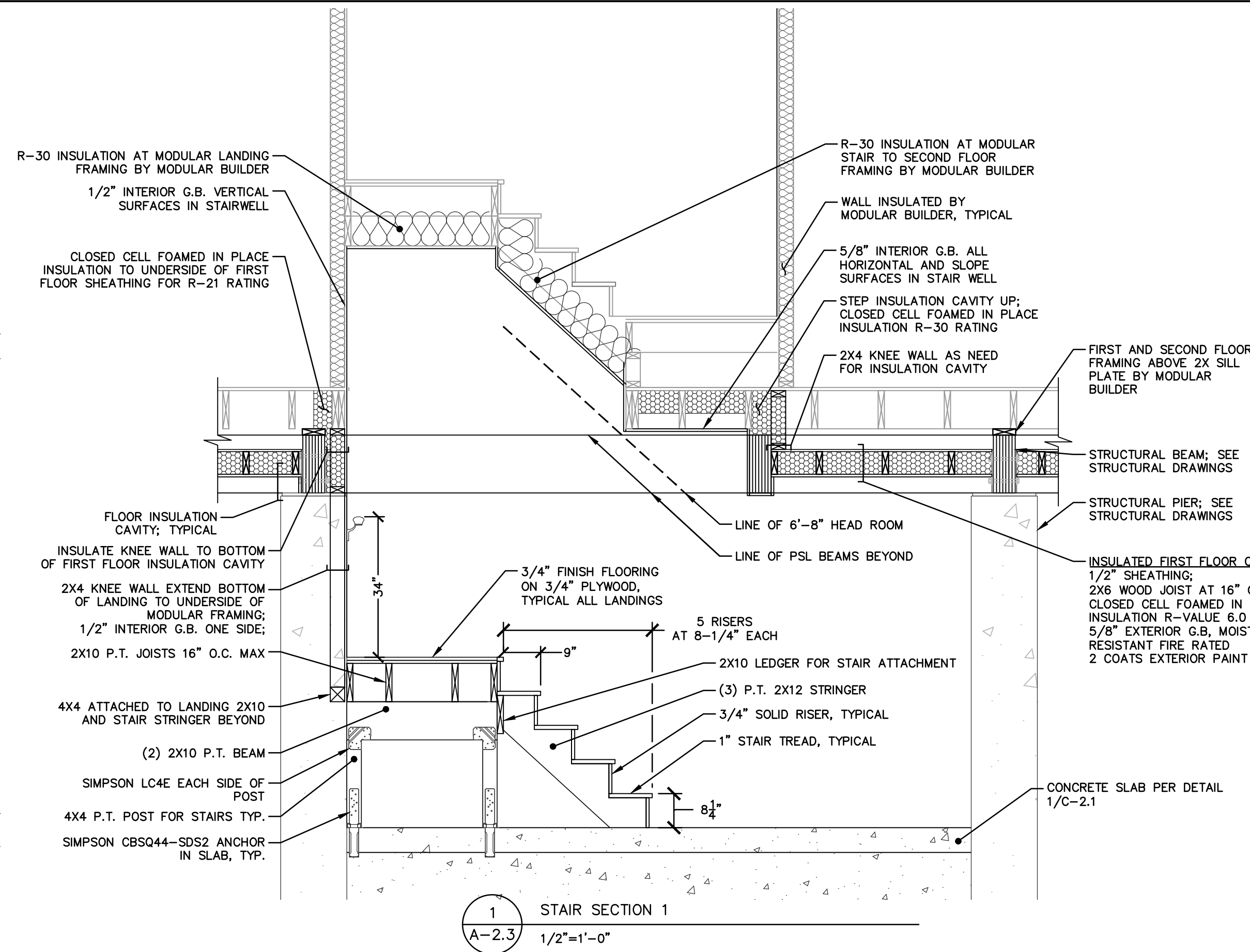
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BUILDING SECTIONS - 2

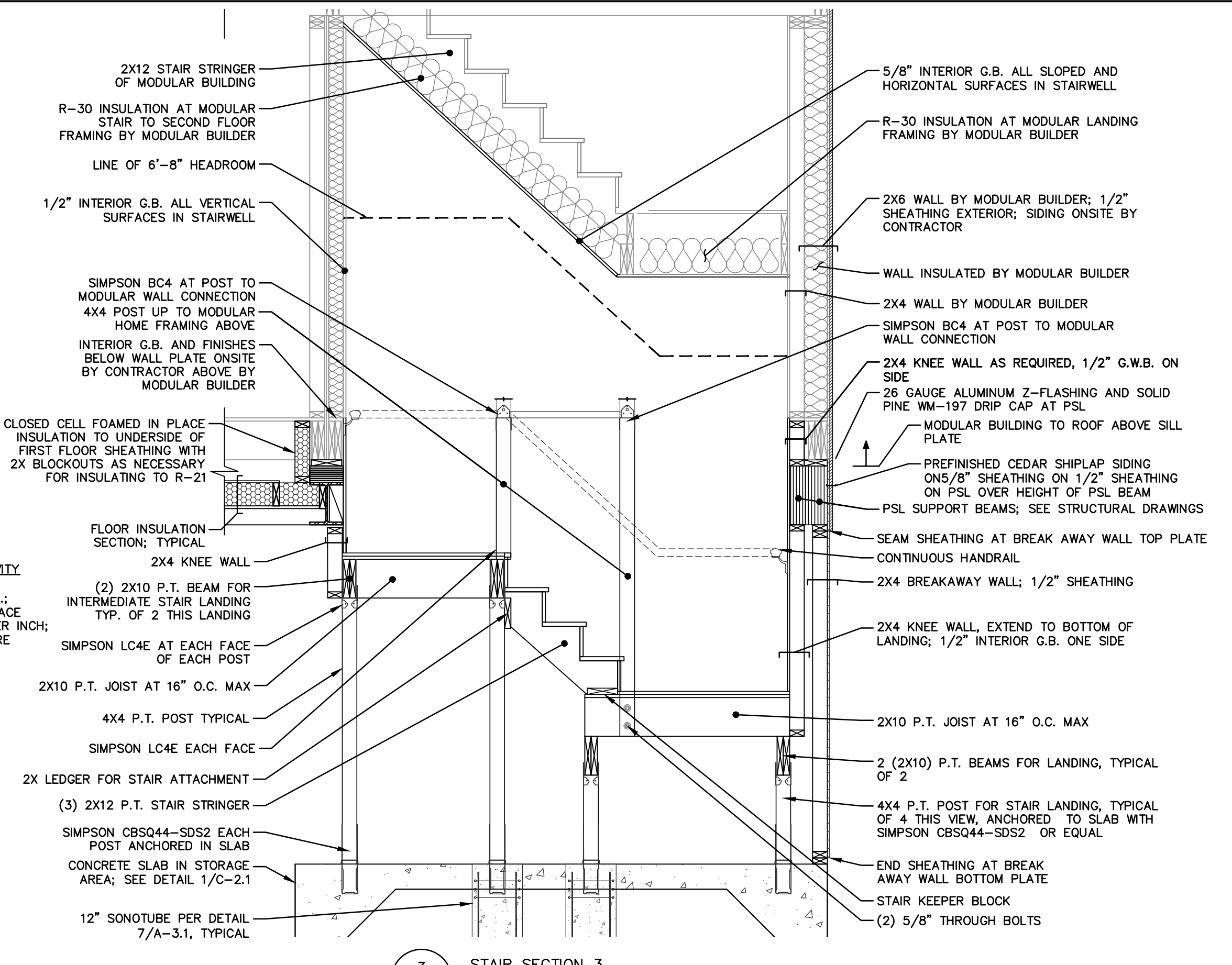
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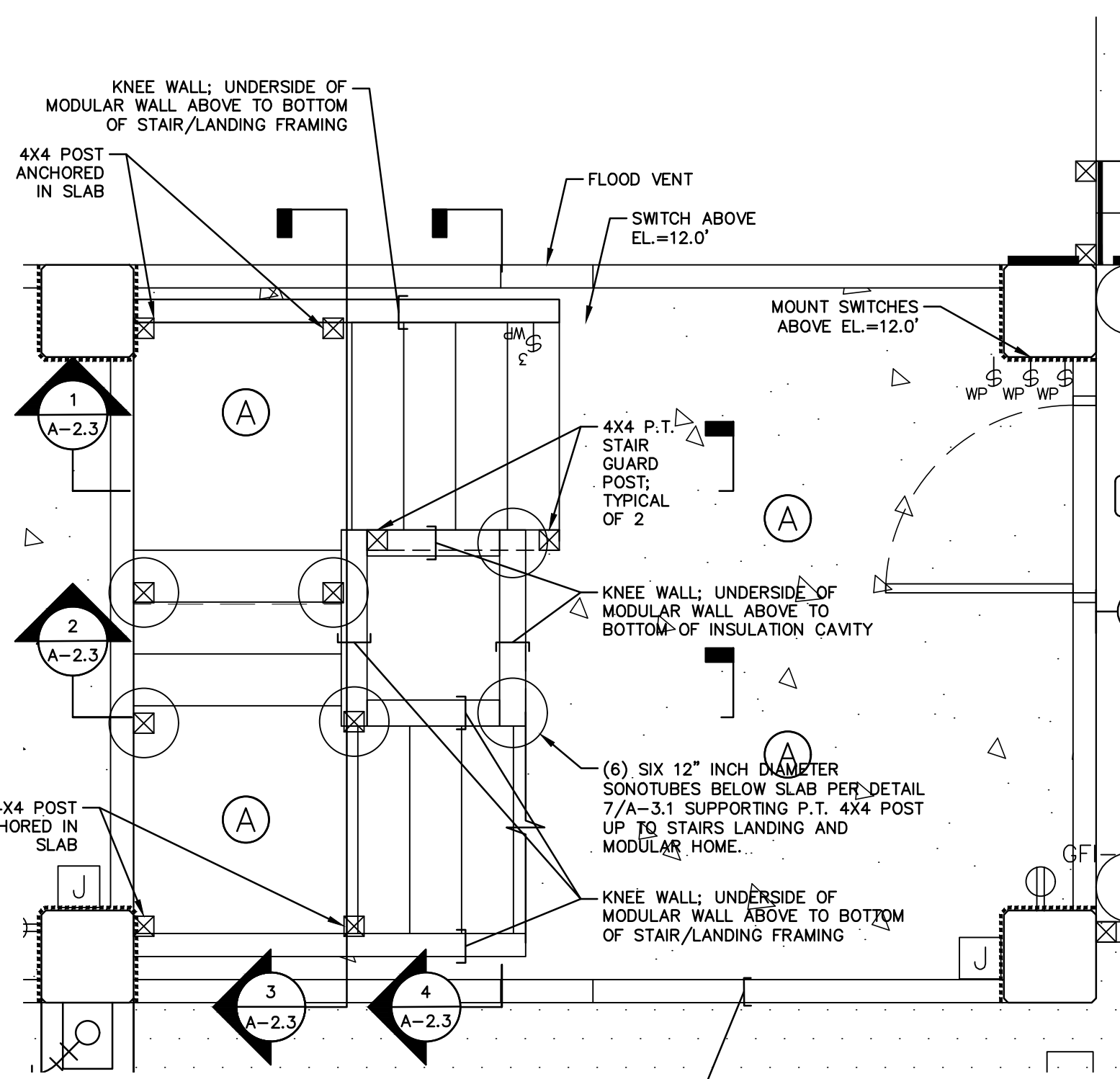
PARTIAL PLAN STAIRS BENEATH HOUSE 1



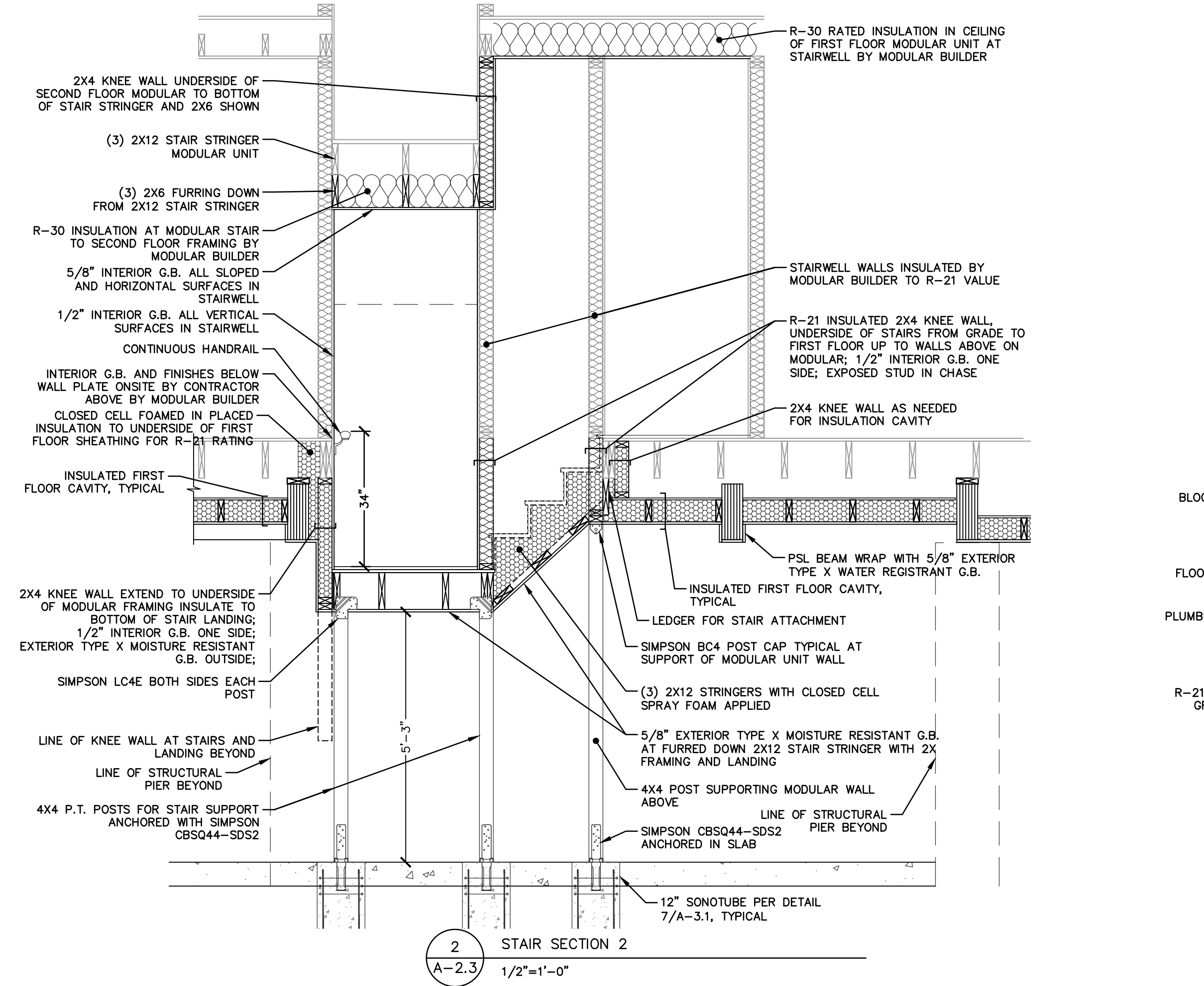
1 STAIR SECTION 1
1/2"=1'-0"



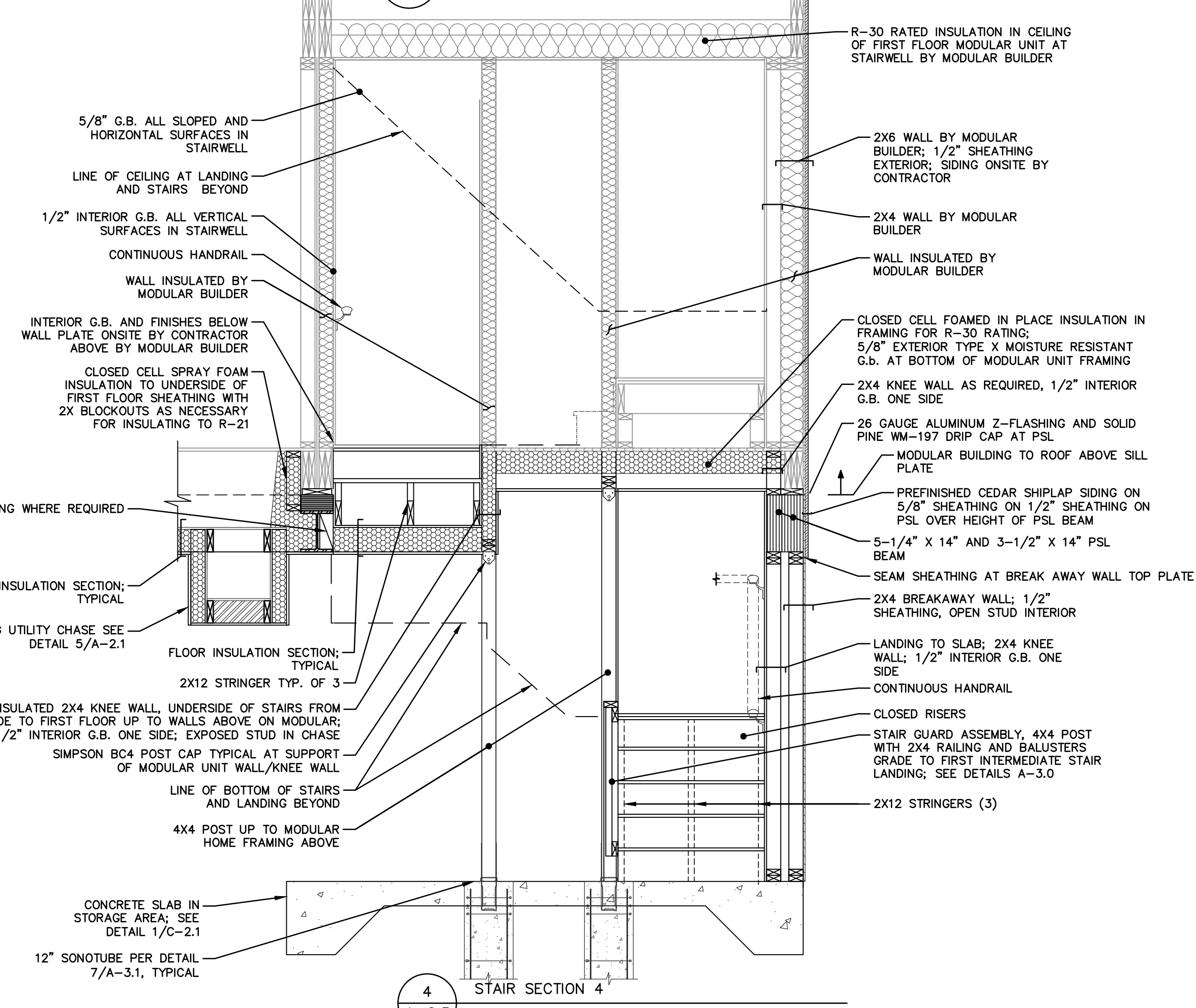
3 STAIR SECTION 3
1/2"=1'-0"



PARTIAL PLAN STAIRS BENEATH HOUSE 2



2 STAIR SECTION 2
1/2"=1'-0"



4 STAIR SECTION 4
1/2"=1'-0"

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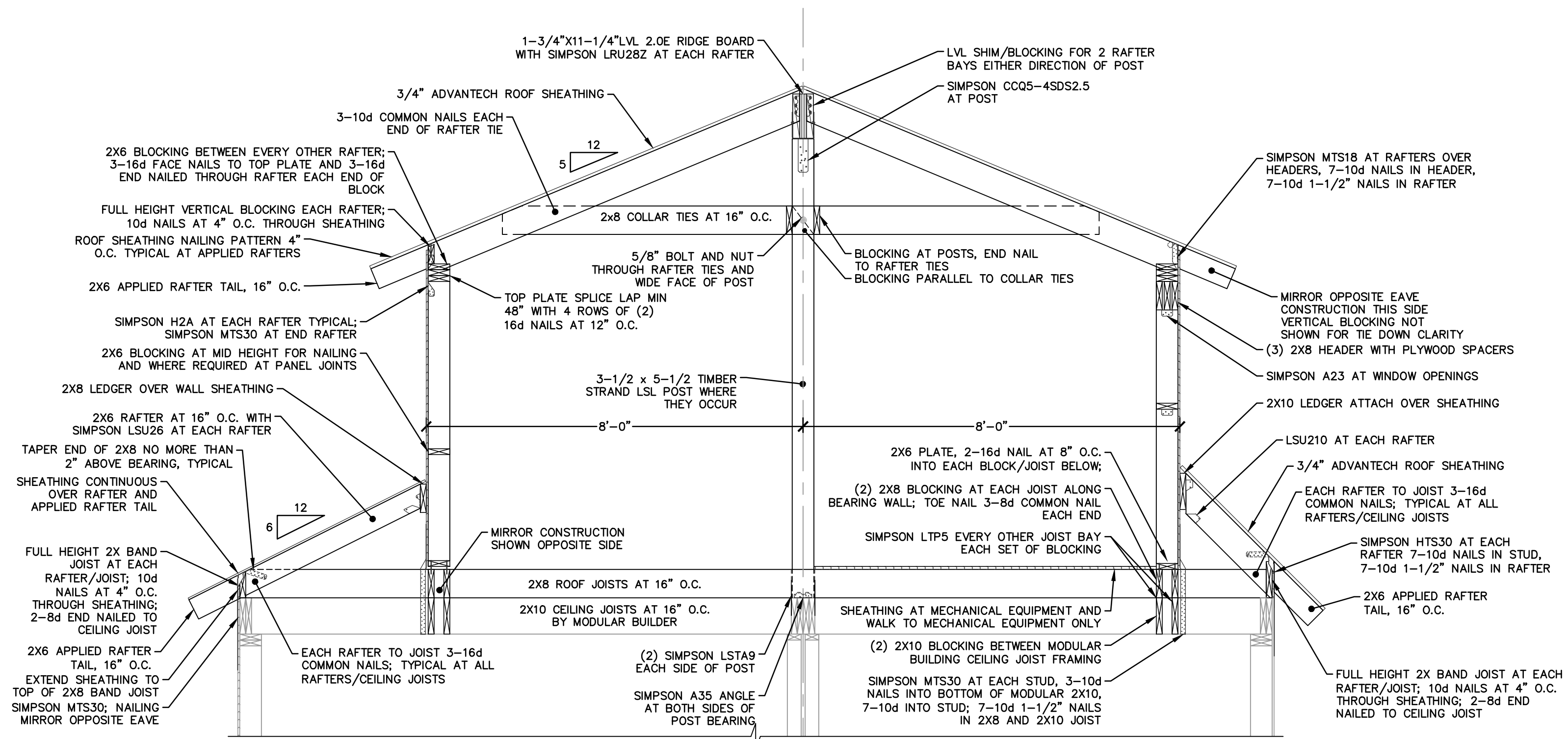
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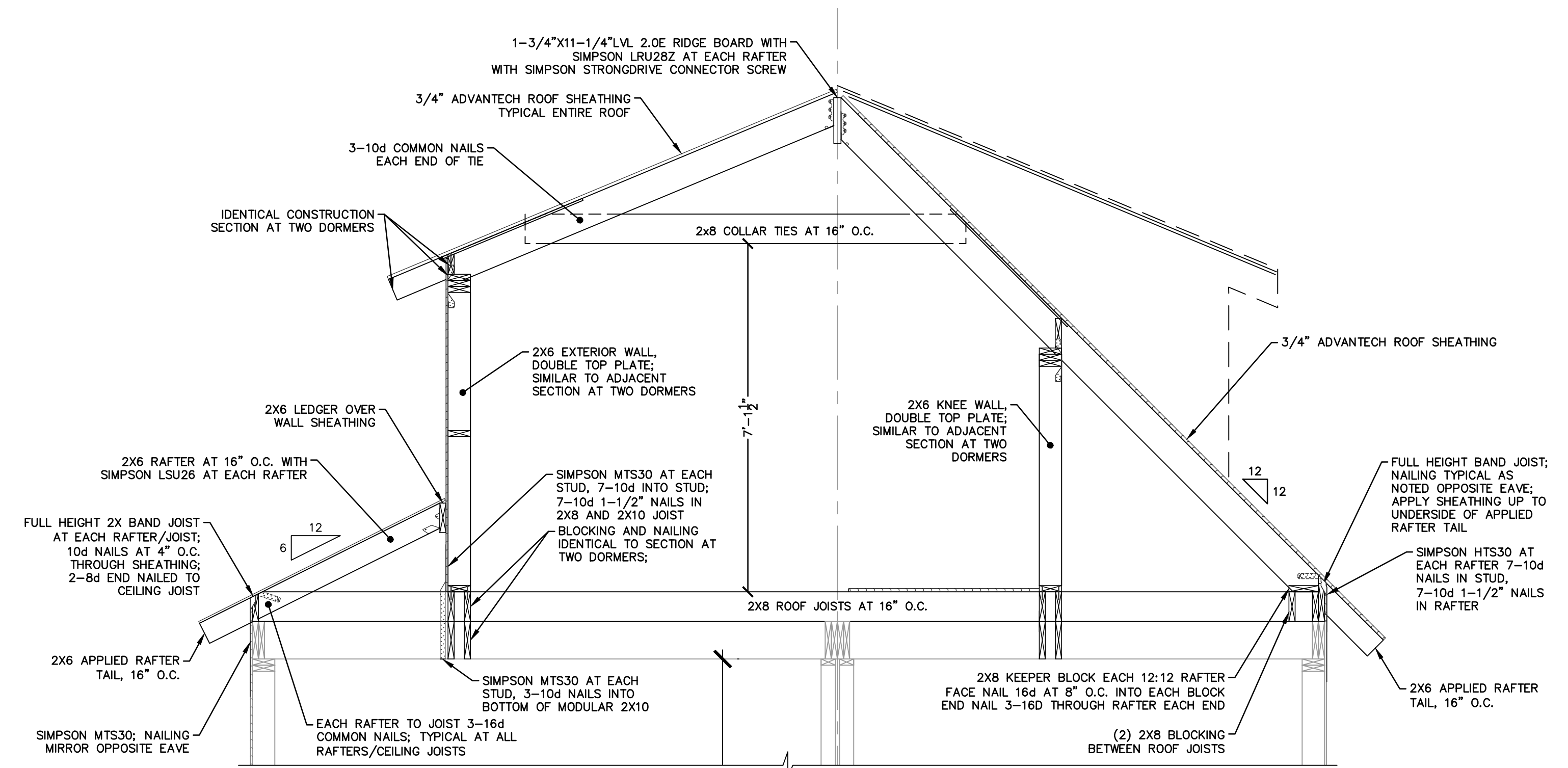
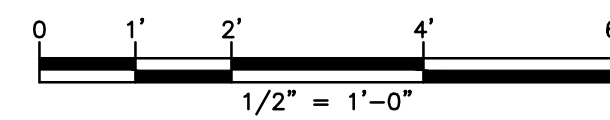
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NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR	CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 12/17/18	

BUILDING SECTIONS - 3

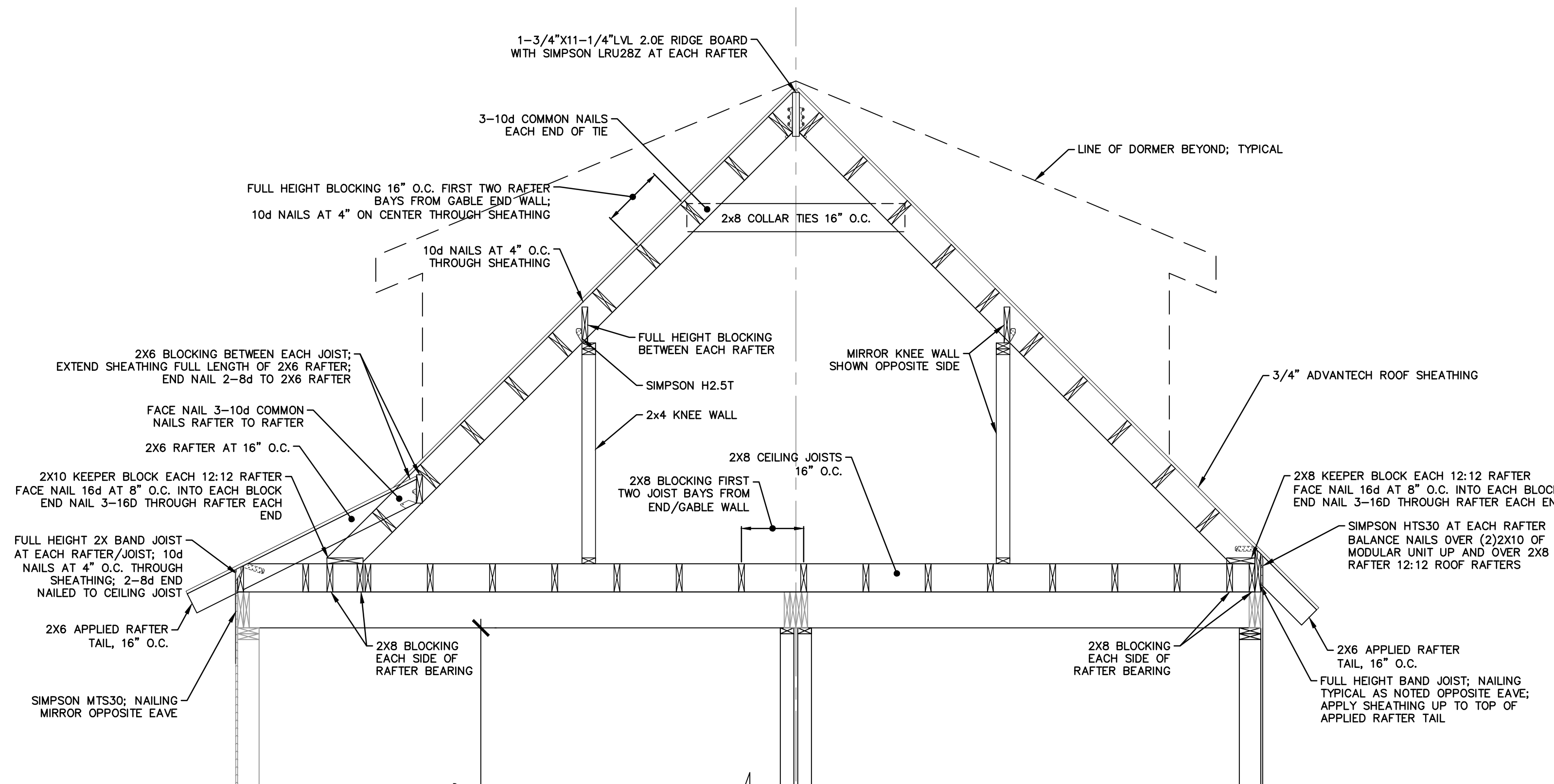
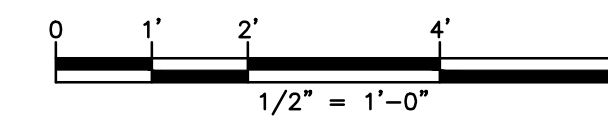
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	B3-262-1247-BASE.dwg	A-2.3



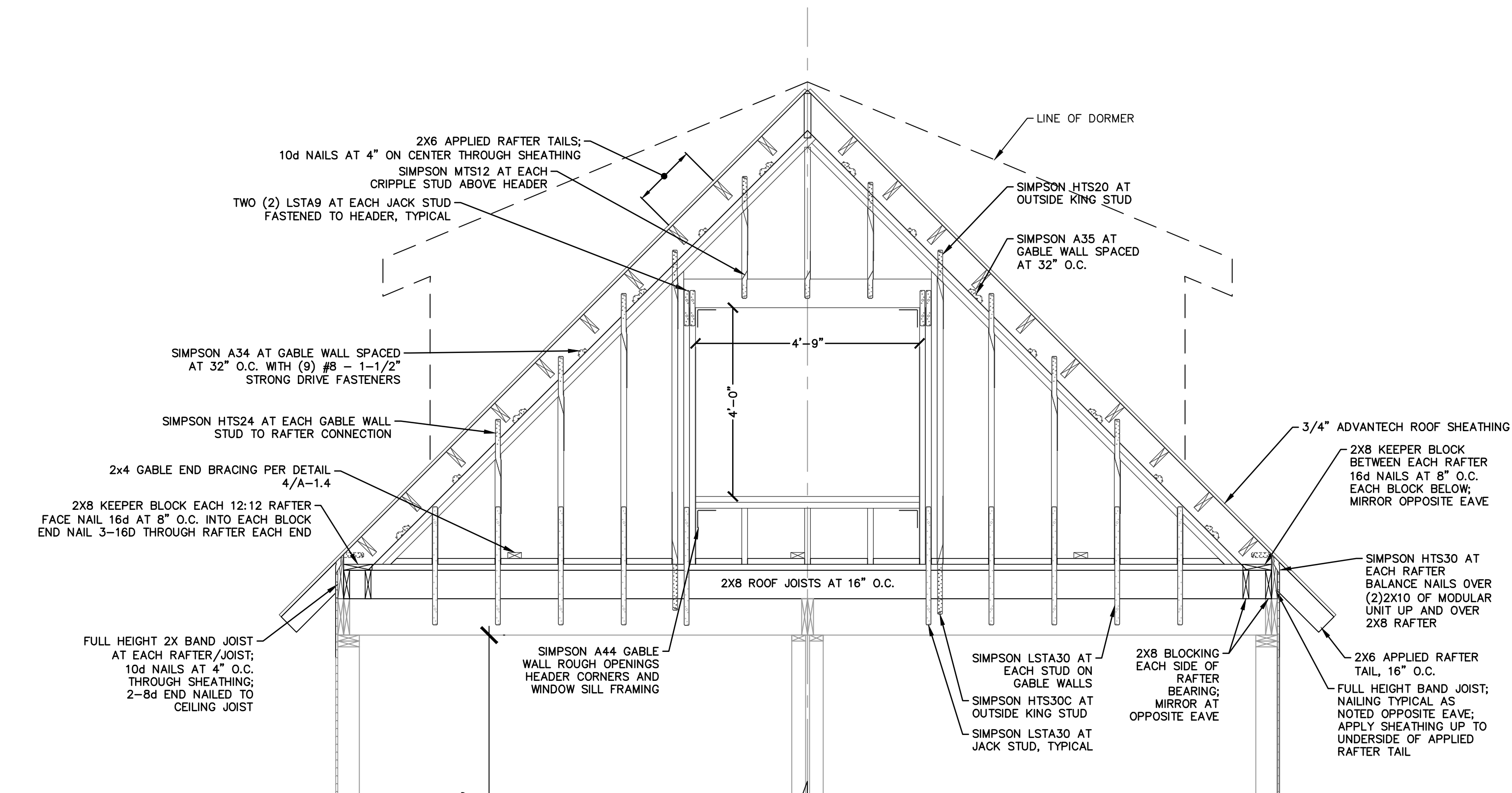
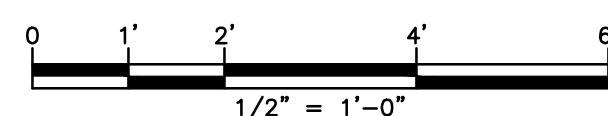
FRAMING SECTION AT DOUBLE DORMER



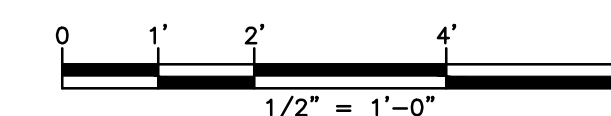
FRAMING SECTION AT SINGLE DORMER



FRAMING SECTION NOT AT DORMER



FRAMING SECTION GABLE WALL



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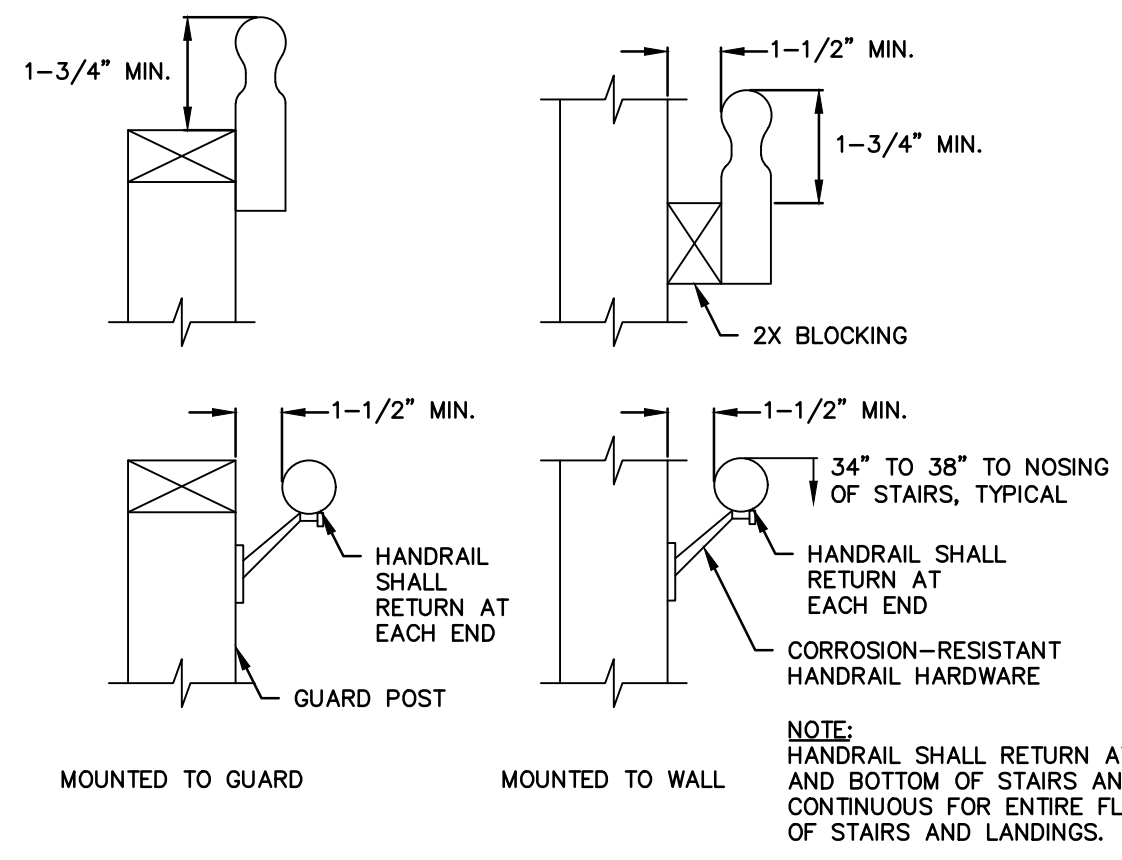
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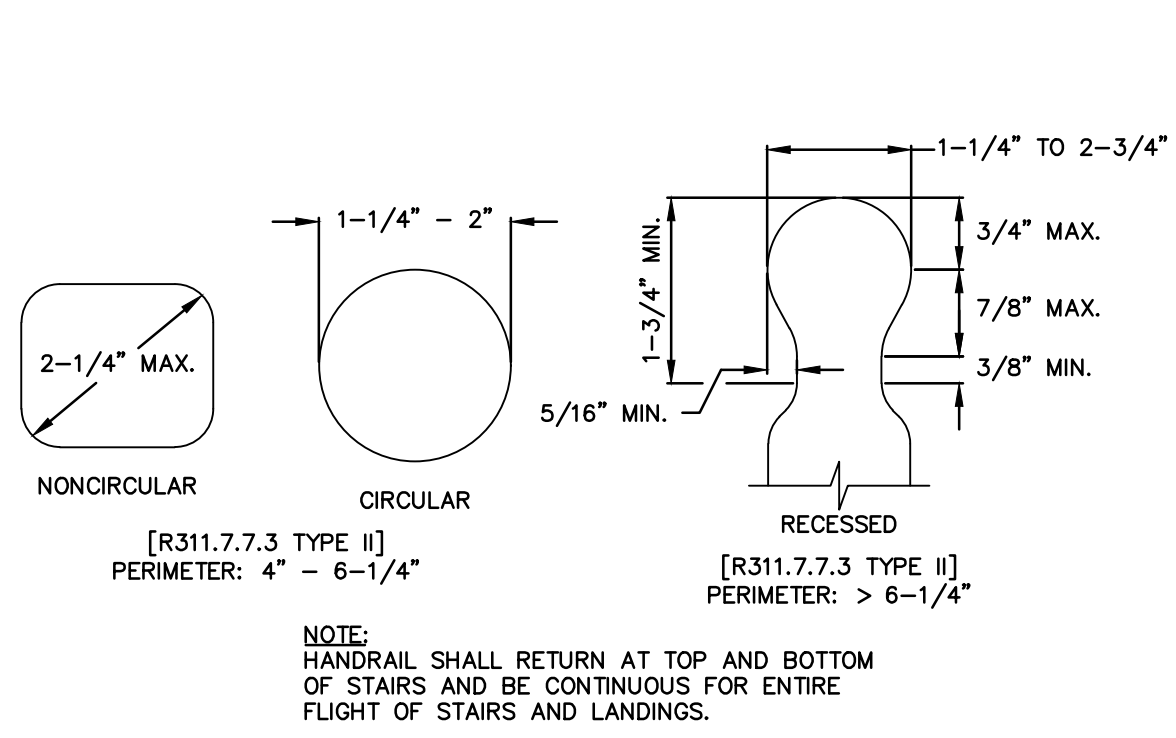
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1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: MBR	CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 12/17/18	

ROOF SECTIONS

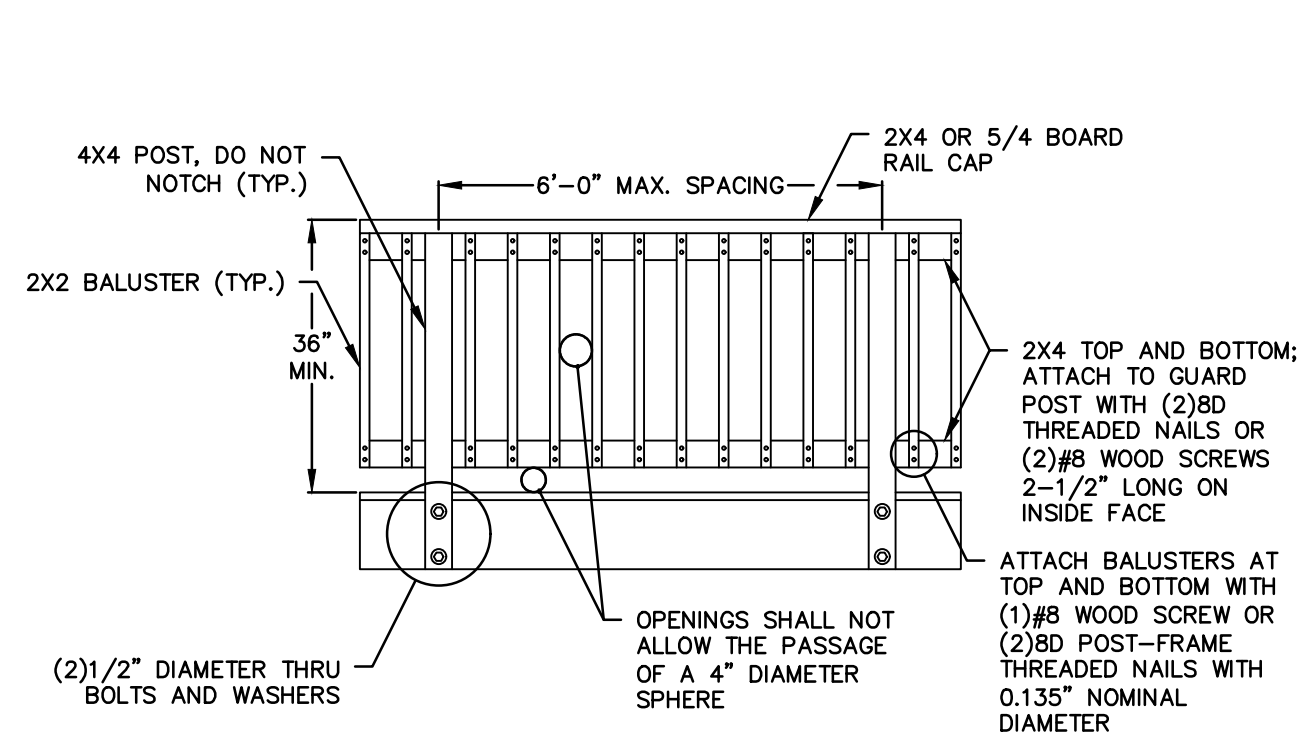
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	A-2.4



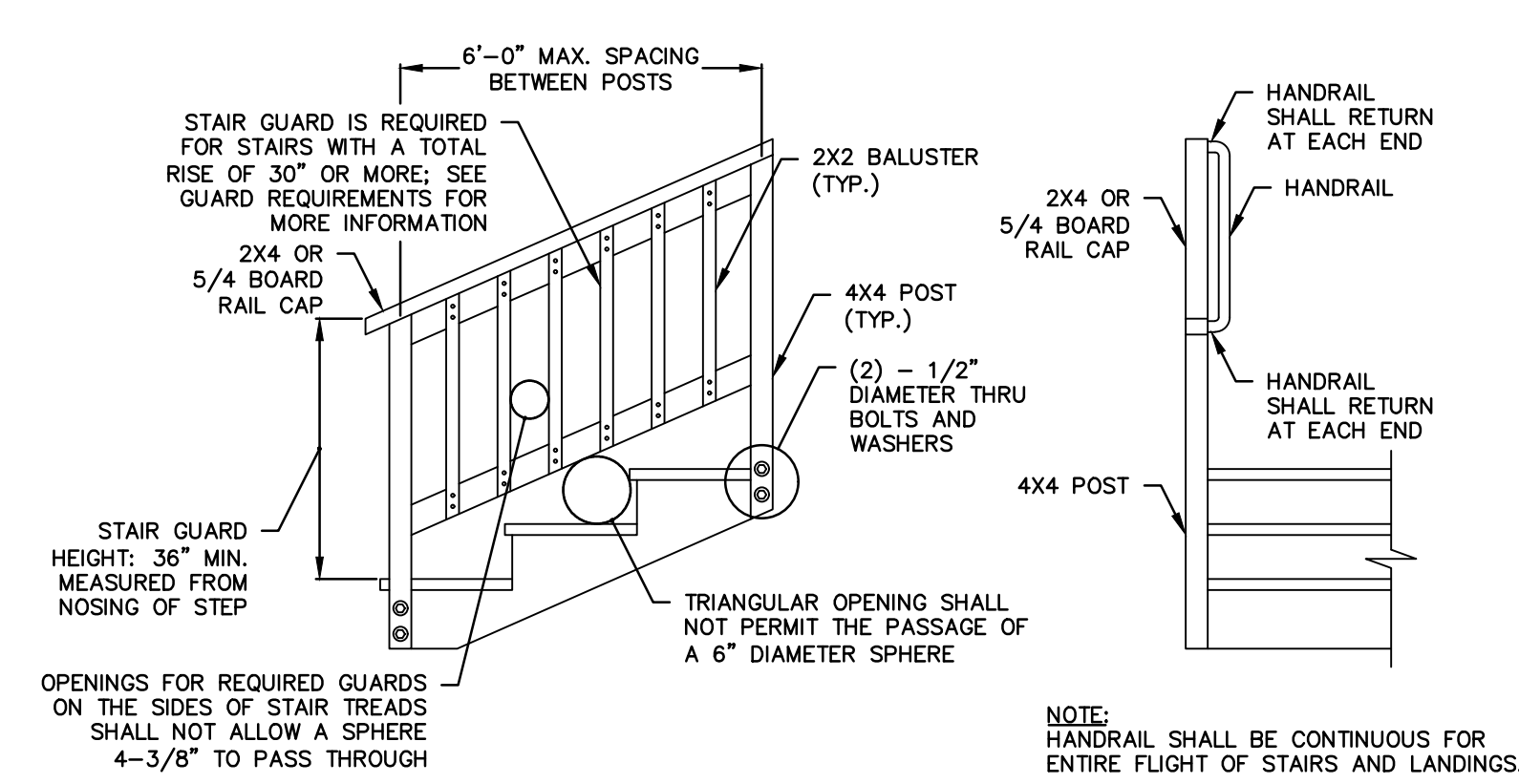
1 TYPICAL HANDRAIL MOUNTING
A-3.0 N.T.S.



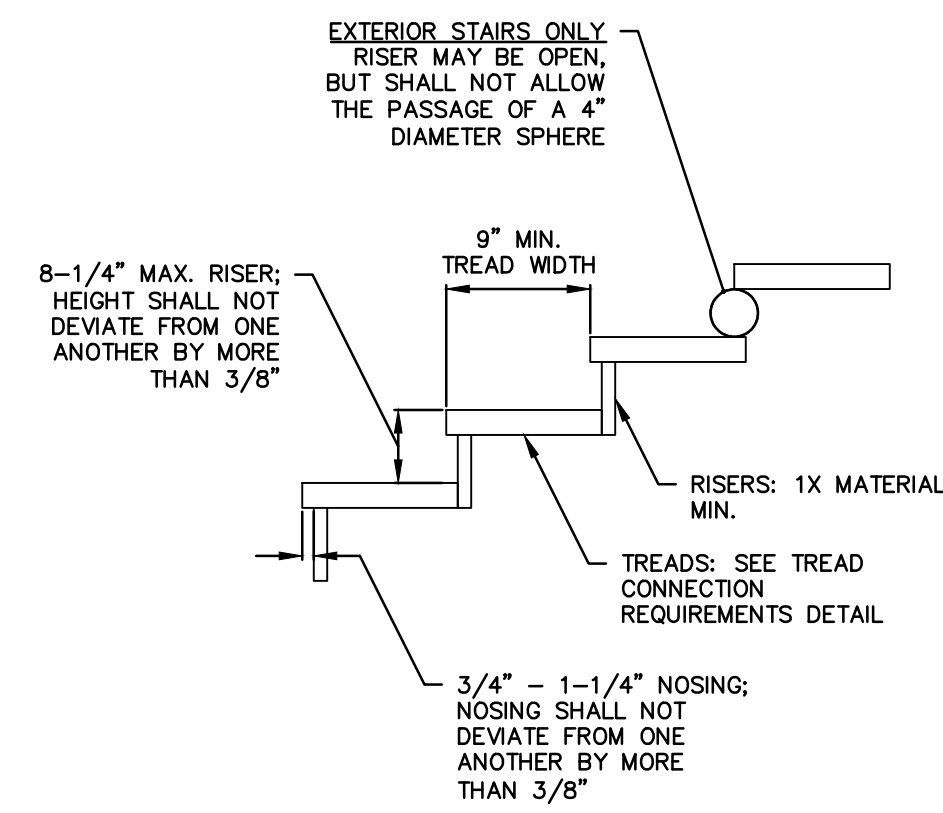
2 TYPICAL HANDRAIL GRIP SIZE
A-3.0 N.T.S.



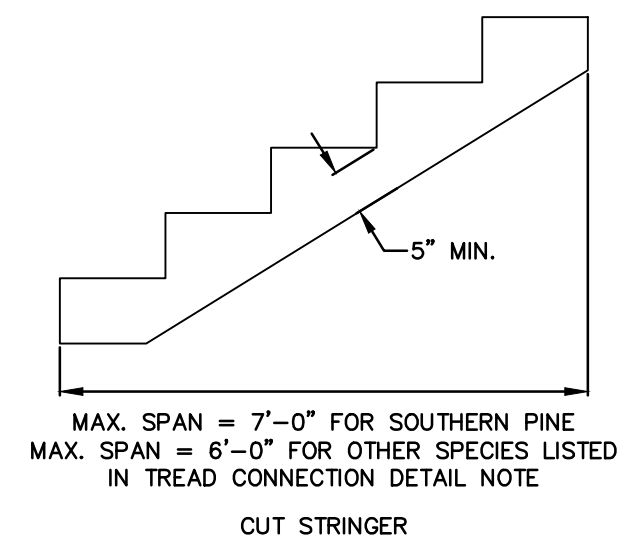
3 TYPICAL DECK RAILING GUARD
A-3.0 N.T.S.



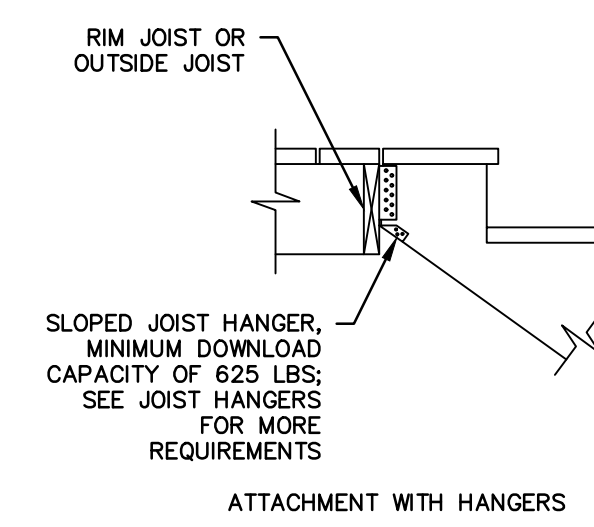
4 TYPICAL STAIR GUARD REQUIREMENTS
A-3.0 N.T.S.



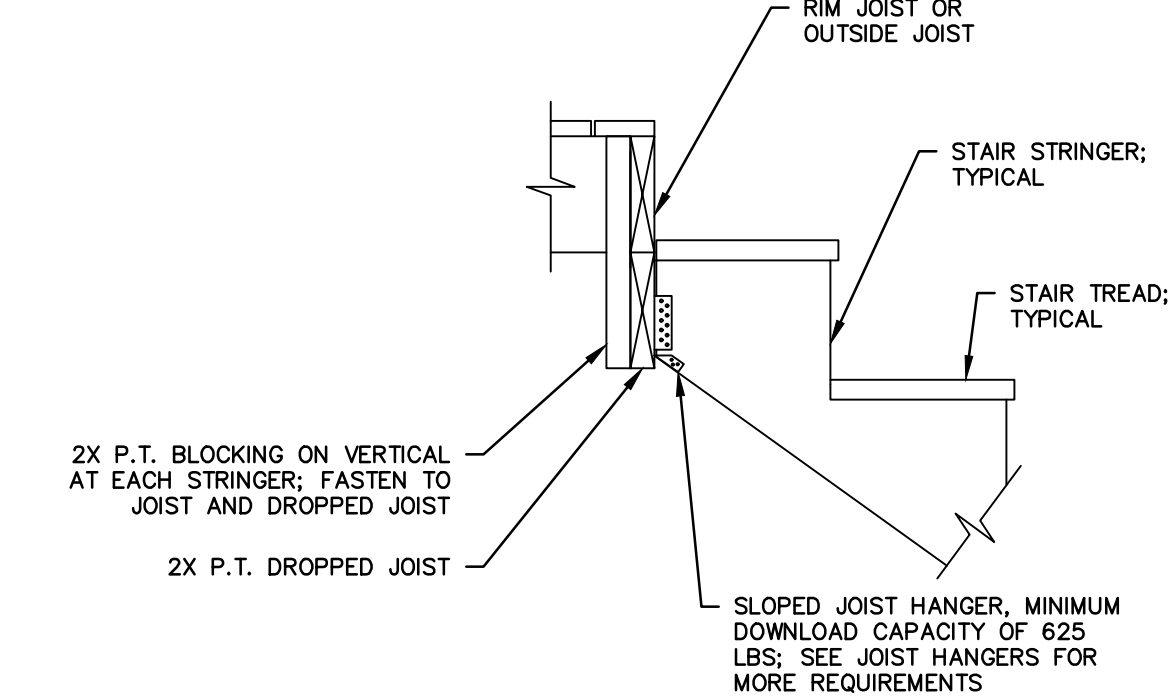
5 TYPICAL TREAD AND RISER
A-3.0 N.T.S.



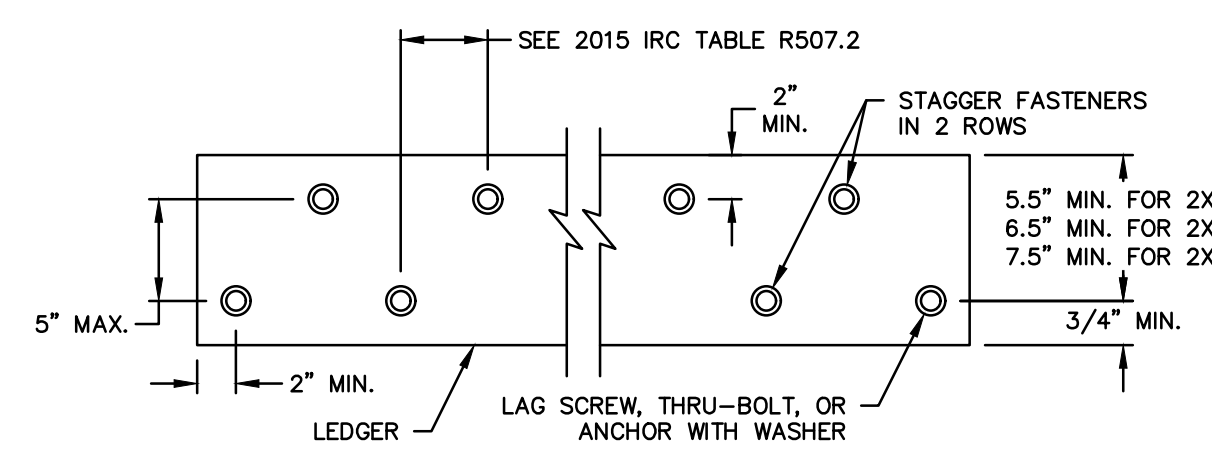
6 TYPICAL STAIR STRINGER REQUIREMENTS
A-3.0 N.T.S.



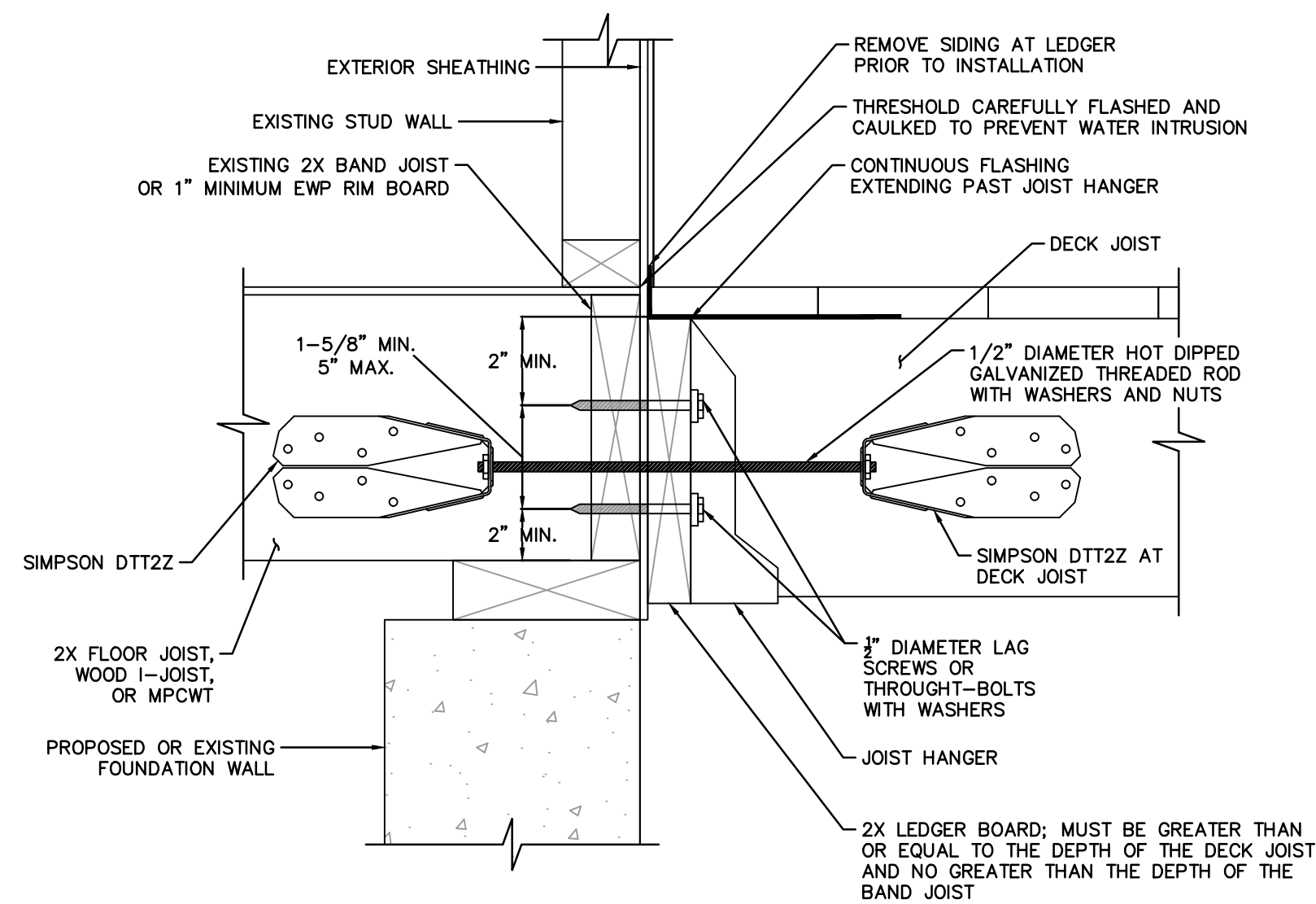
7 TYPICAL STAIR STRINGER ATTACHMENT
A-3.0 N.T.S.



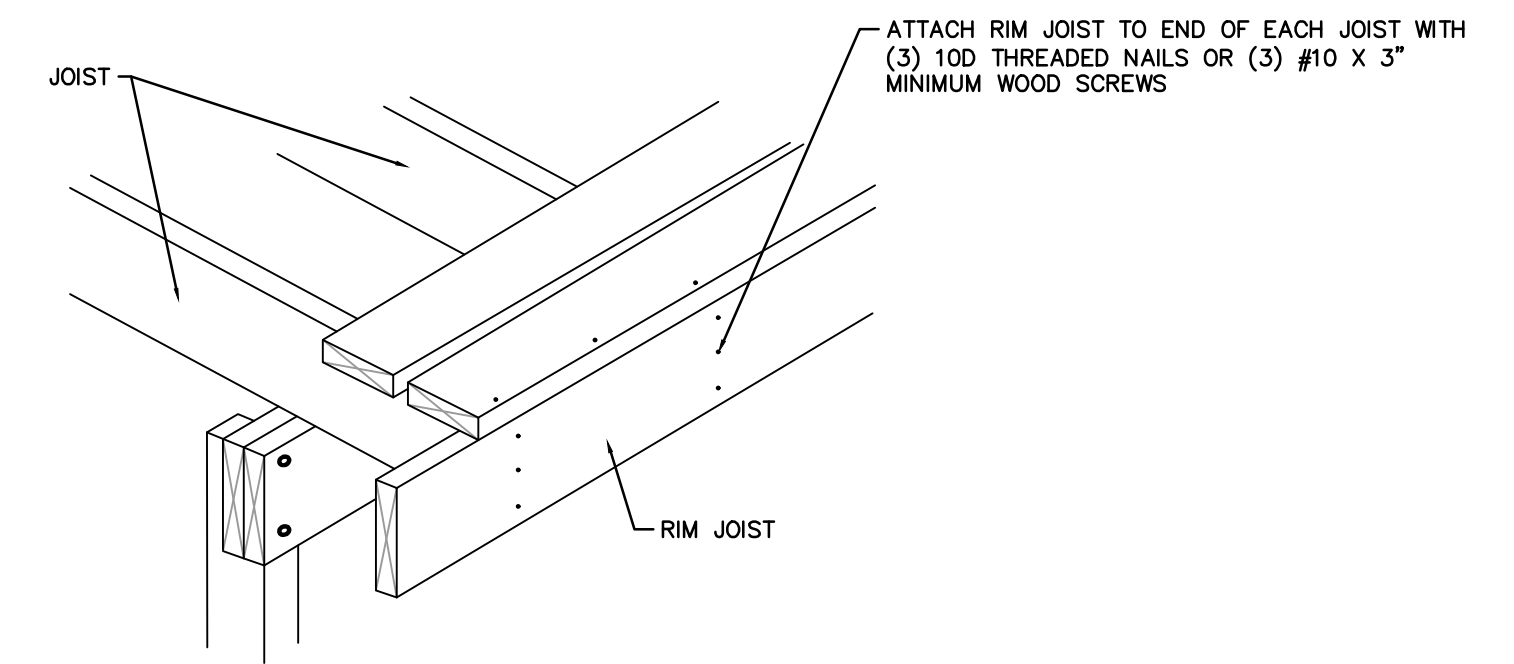
8 TYPICAL STAIR DROP STRINGER ATTACHMENT
A-3.0 N.T.S.



8 TYPICAL LEDGER BOARD FASTENER SPACING AND CLEARANCE
A-3.0 N.T.S.



9 TYPICAL GENERAL ATTACHMENT OF LEDGER
A-3.0 N.T.S.



10 TYPICAL RIM JOIST CONNECTION
A-3.0 N.T.S.

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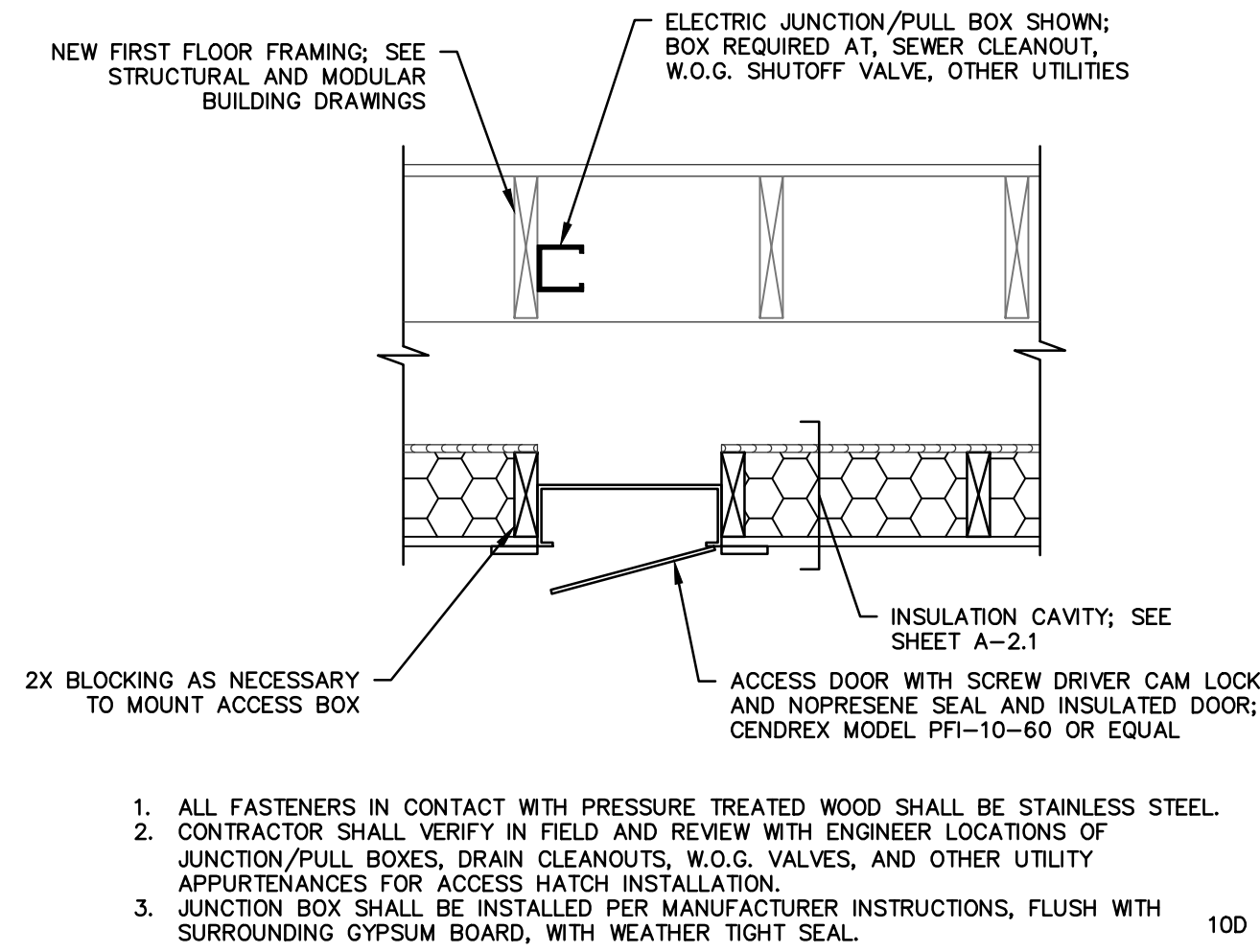
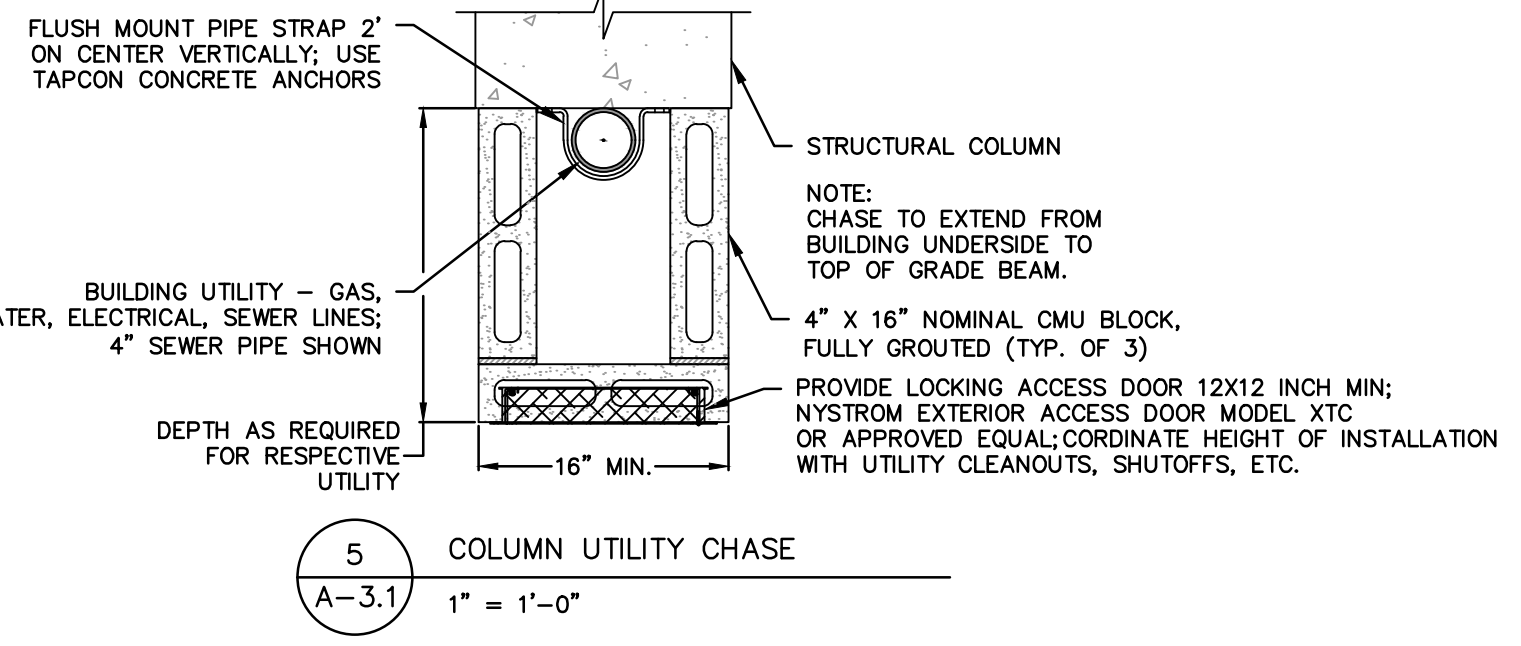
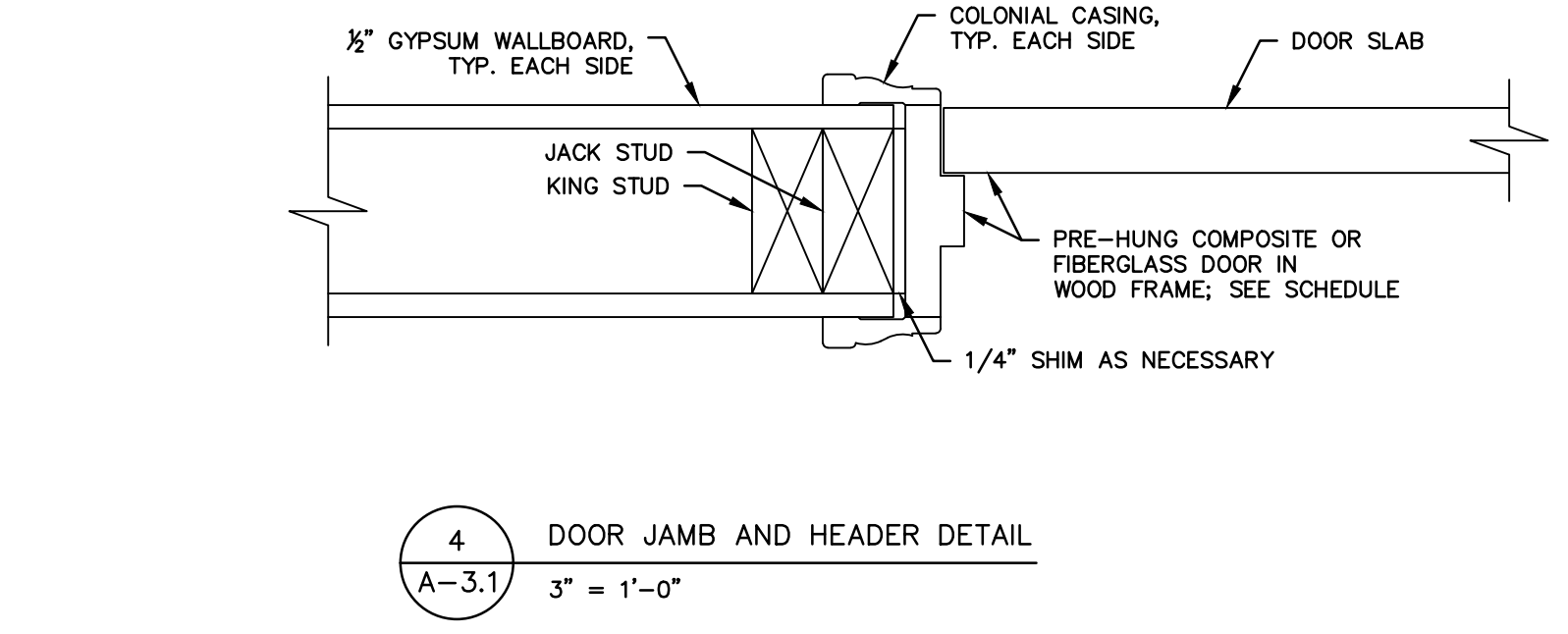
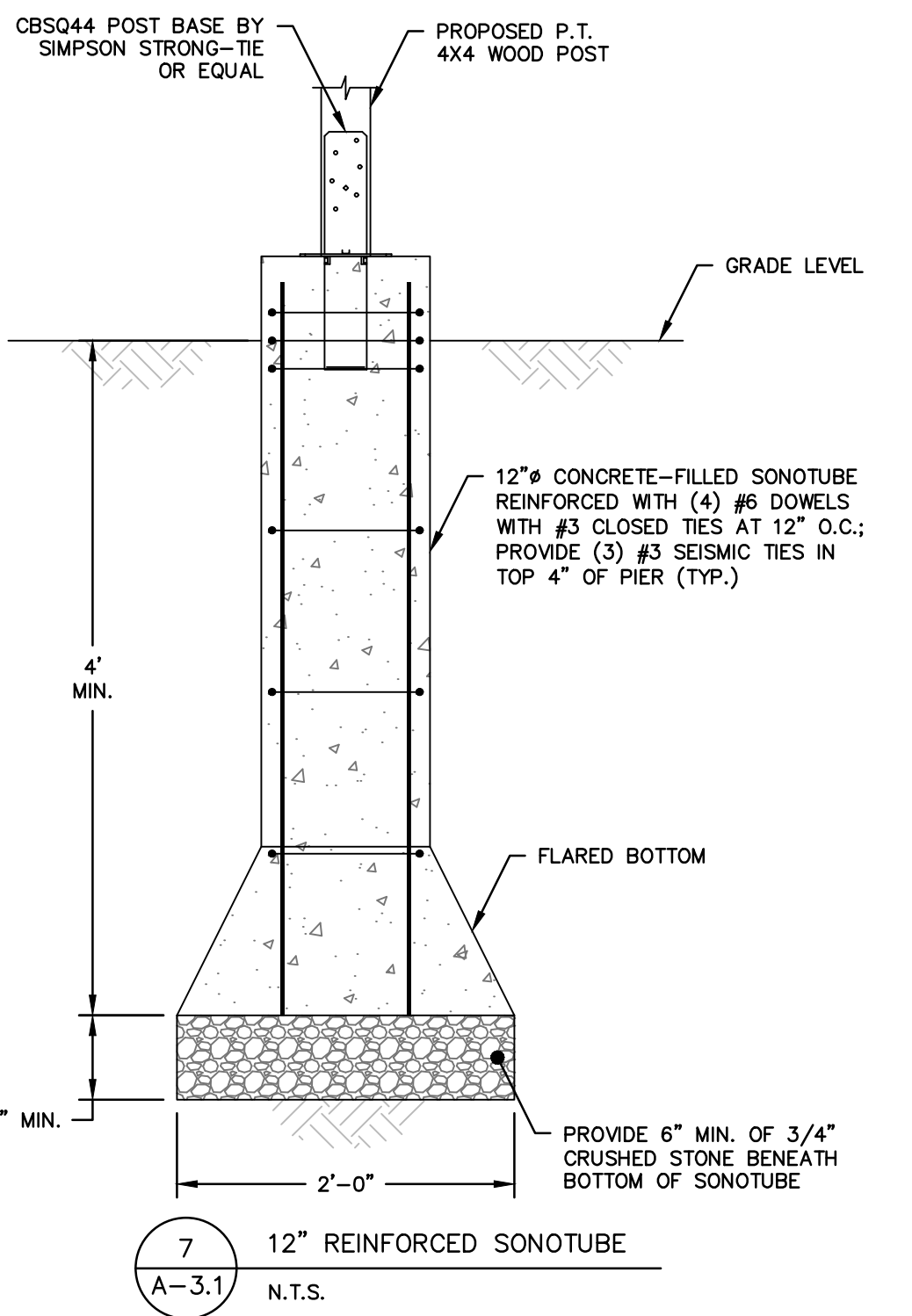
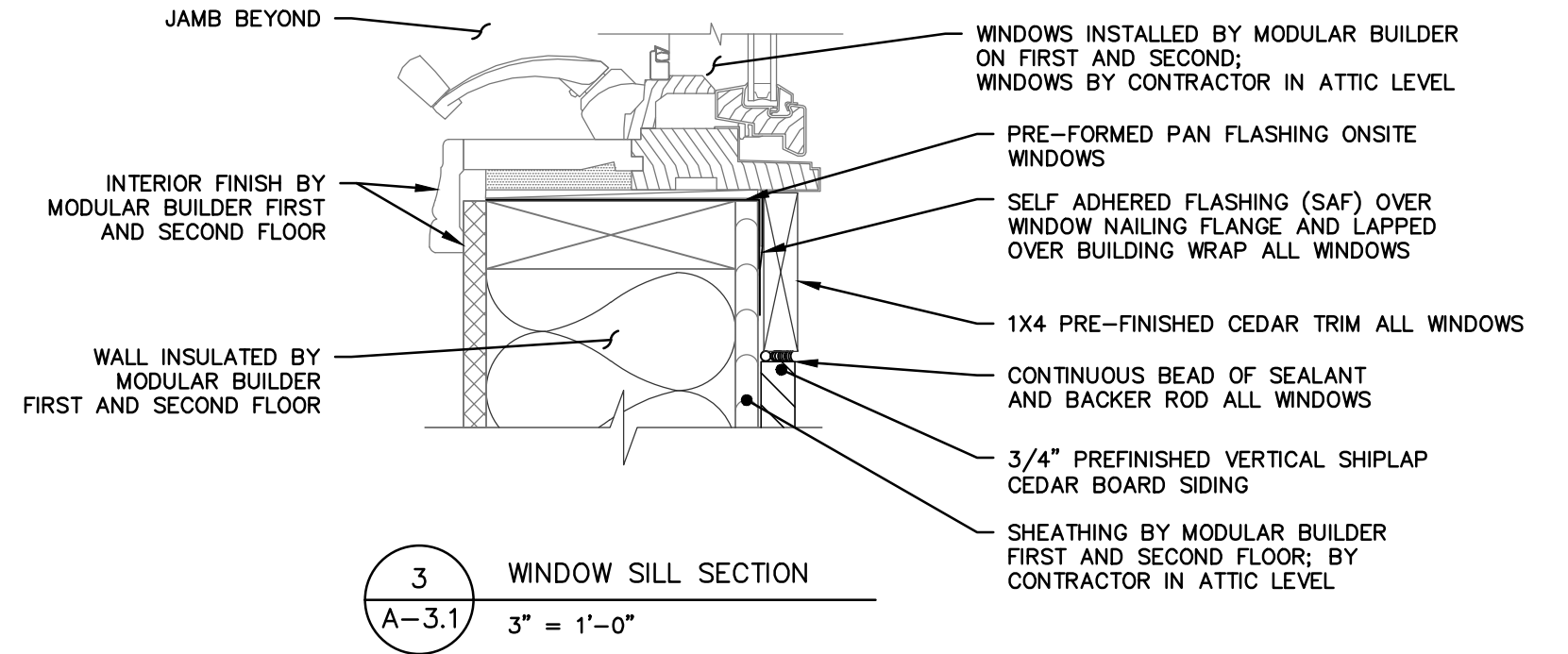
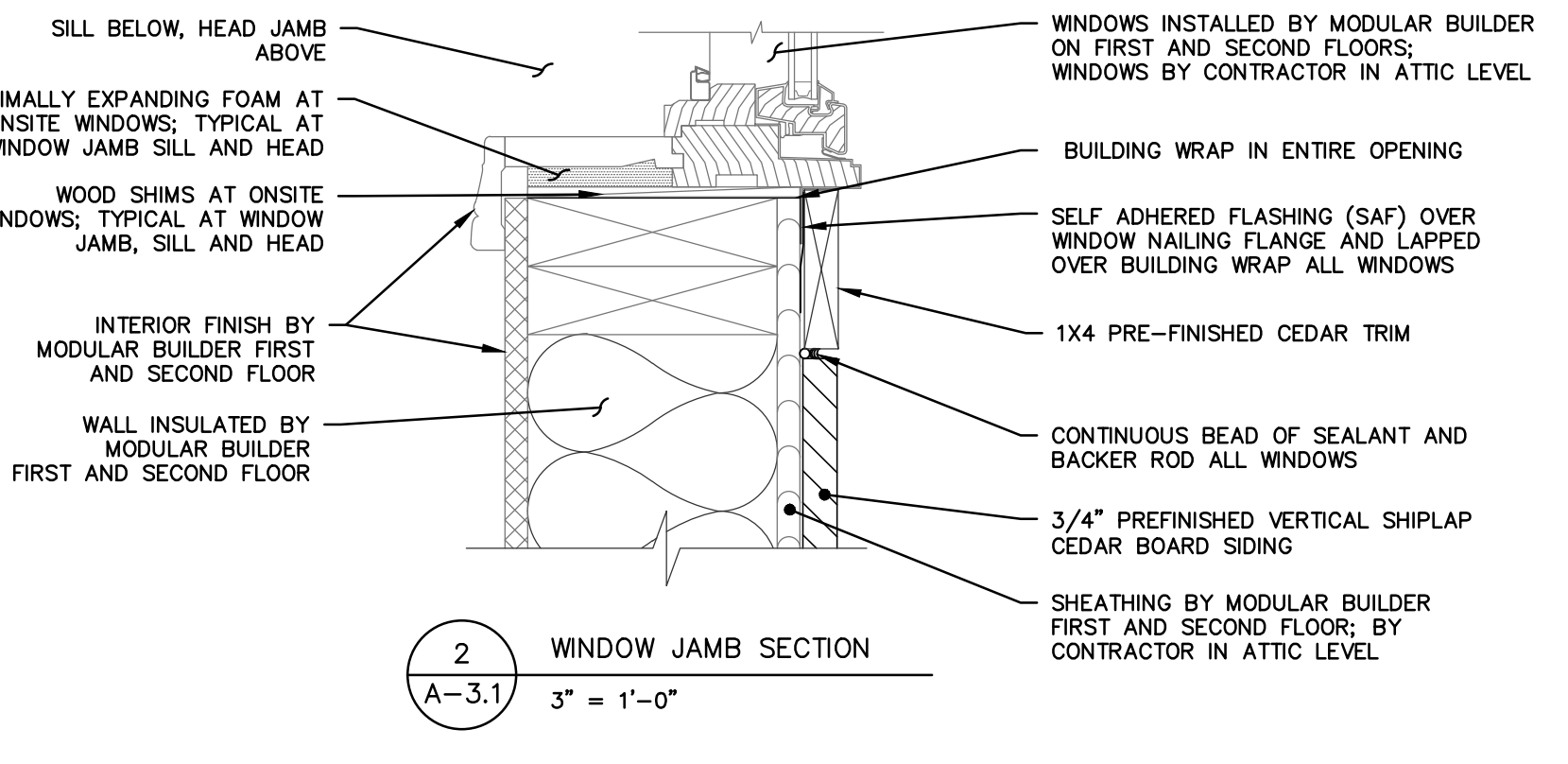
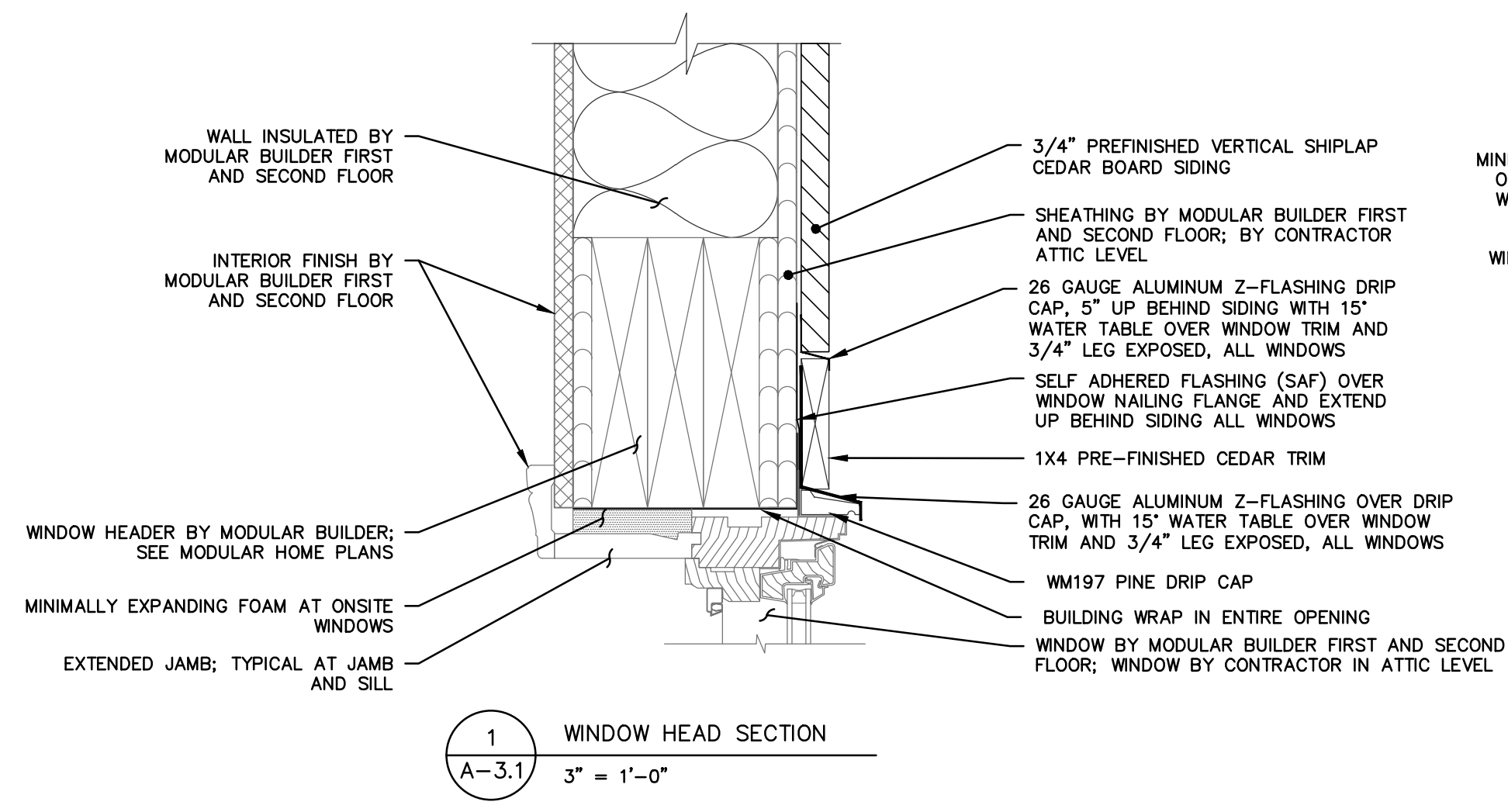
PROJECT 1247
12 JACOB STREET
NORWALK, CONNECTICUT 06853

**ISSUED FOR BID
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV	
2	2/18/19	ISSUED FOR BIDDING		MBR	MBR	REC
1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR	REC
DRAWN: MBR CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE: 12/17/18						

DECK AND STAIR DETAILS

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	A-3.0



Smart VENT
877-441-8368
www.smartvent.com

DETAIL DIAGRAM
MODEL 1540-510
DUAL FUNCTION FLOOD AND VENTILATION VENT

STRAP DETAIL.
TEETH MUST CLICK IN TIGHT TO INSURE SECURE INSTALLATION.
BEND PAST 90° FOR SPRING BACK

FIGURE 1 Front View
FIGURE 2 Side View
FIGURE 3 12" MAX FROM FINAL GRADE Side View

STRAP SLOTS USE TWO TOP AND TWO BOTTOM
BEHIND THE RODENT SCREEN, LOUVERS AUTOMATICALLY OPEN AND CLOSE WITH TEMPERATURE. NO ELECTRICITY IS NEEDED

SILICONE/POLYURETHANE ADHESIVE LOCATION (FLANGE)
STRAPS INSTALLED, TWO ON TOP TWO ON BOTTOM

VENT FRAME
VENT DOOR

STRAPS

16 1/4" R/O
8 1/4" R/O

FLOAT SLOTS

12" MAX FROM FINAL GRADE

SMART VENT Foundation Flood Vents
400 Andover Dr., Suite 20
Pittman, NJ 08071
877-441-8368
www.smartvent.com

DETAIL: FLOOD AND VENTILATION VENT
MODEL 1540-510

DATE: 8-18-09 SHEET: 1 OF 3

Smart VENT
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INSTALLATION INSTRUCTIONS & DETAILS
MODEL 1540-510
DUAL FUNCTION FLOOD AND VENTILATION VENT
REV. 5-15-09

INSTALLATION INSTRUCTIONS

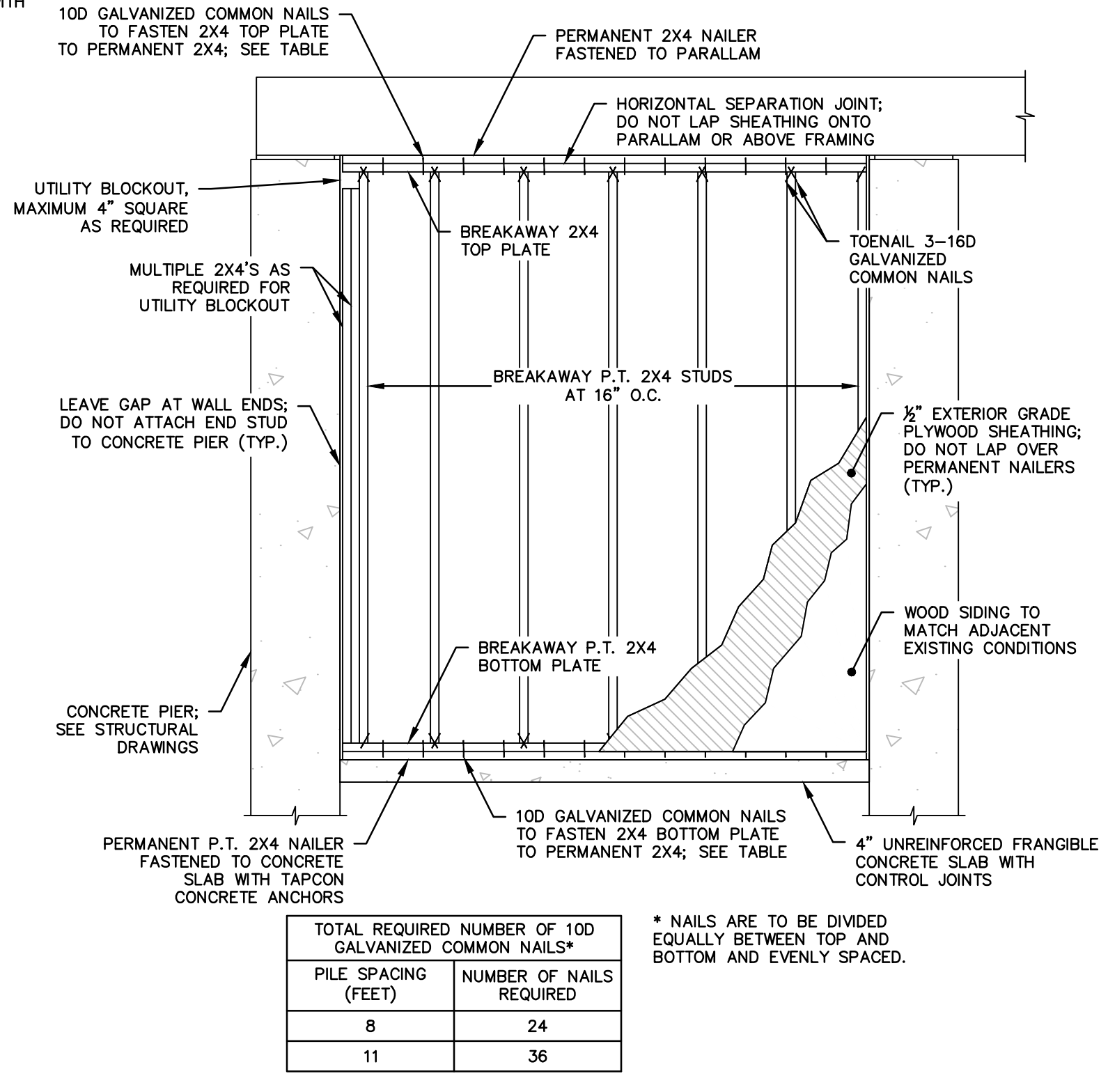
1. Remove vent door from vent frame. (Turn upside down, rotate bottom of door outward and slide out)
2. Prepare a CLEAN 16.25" wide by 8.25" high rough opening (approx. 1 block wide X 1 block high) for each vent. Ensure the bottom of the rough opening is no more than 12" above the finished grade.
3. Apply a bead of silicone or polyurethane adhesive around the back of the flange on the vent frame. (FIG. 2)
4. Bend the 4 steel straps to the thickness of the wall measuring from the end with the teeth (see STRAP DETAIL)
5. Insert the top straps into the top two strap slots about two clicks.
6. Insert the vent frame in the cut opening. The bent strap ends go in then up behind the inside of the wall. Push the frame tight against the face of the wall. Ensure the frame is flush and square in the opening. (FIG. 3)
7. Reach through the vent opening and click the two straps in while holding the front of the vent against the wall face. The sharp point of the straps should not extend past the front of the vent face. Install the two remaining bottom straps.
8. Re-check that frame is square and slots are clear of debris, and caulk.
9. Install the door into frame by grasping the bottom of door (with float pins down) and front (small screen in front). Slide door into frame and rotate until it is latched.
10. To open the door insert two credit cards into the float slots as shown in the diagram. This will unlatch the door for removal and cleaning.

DETAILED SPECIFICATIONS:
MATERIAL: STAINLESS STEEL
OPERATION FLOOD: AUTOMATIC NON-POWERED ACTIVATION AND OPERATION
VENT REMAINS CLOSED AND LOCKED UNTIL ACTIVATED
OPERATION AIR: AUTOMATIC LOUVERS FULLY OPEN AT 75 DEG. FULLY CLOSED AT 35 DEG. NO POWER REQUIRED

INSTALLATION: SECURED W/ 4 STAINLESS STEEL STRAPS SUPPLIED
HYDROSTATIC RELIEF: 200 Sq. Ft per Vent
VENTILATION: 51 Sq. In. per Vent NOTE: VAPOR BARRIER ALLOWS FOR REDUCED VENTILATION
REQUIREMENTS FLOOD: MINIMUM OF 2 VENTS PER ENCLOSED AREA MOUNTED ON AT LEAST TWO DIFFERENT WALLS
COLORS: STAINLESS (STANDARD)
EXTERIOR: POWDER COATED WHITE, WHEAT, GRAY, AND BLACK (AVAILABLE)

MEETS THE REQUIREMENTS FOR ENGINEERED OPENINGS AS SET FORTH BY:
FEMA, NFIP, ICC, & ASCE
SUPPORTIVE DOCUMENTS, TB 1-08, 44CFR 60.3(C)(5), ASCE 24-05
ICC EVALUATION # ESR-2074

SHEET: 2 OF 3



8 FLOOD VENT N.T.S.
9 BREAKAWAY WALL ELEVATION 1/2" = 1'-0"

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PROJECT 1247
12 JACOB STREET
NORWALK, CONNECTICUT 06853

ISSUED FOR BID
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NO.	DATE	REVISIONS	BY	CHK	APPV
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NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN:	MBR	CHECKED:	MBR	APPROVED:	REC
SCALE:	AS NOTED	DATE:	12/17/18		

ARCHITECTURAL DETAILS

JOB NO.	DRAWING NUMBER	SHEET
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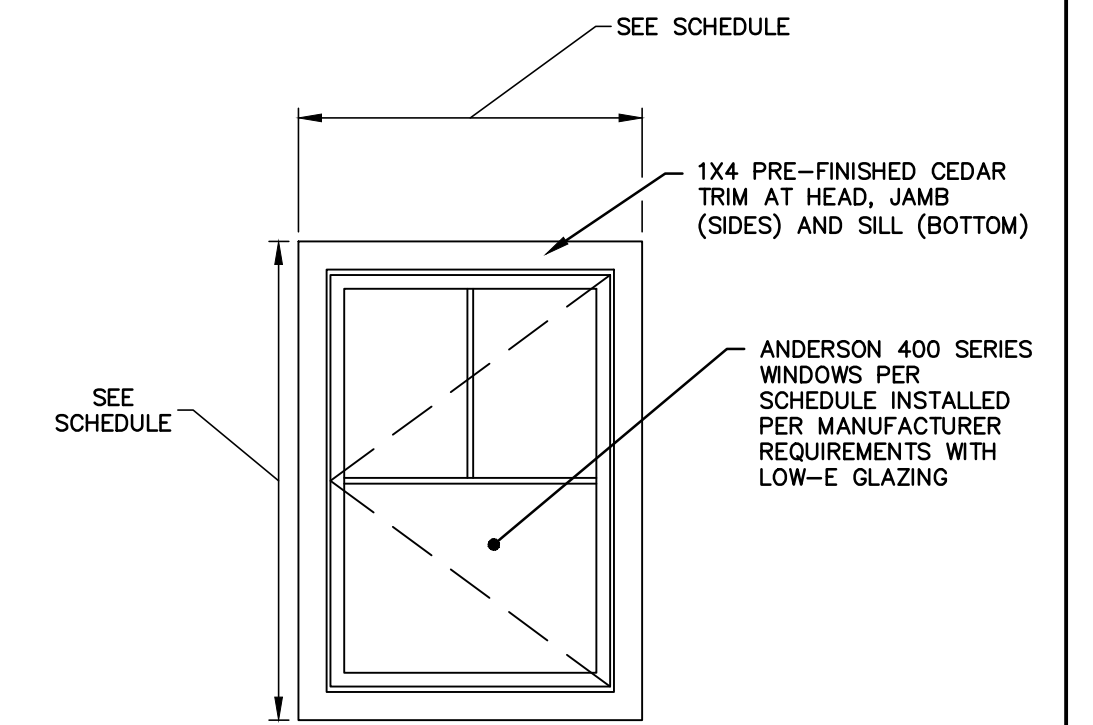
DOOR SCHEDULE											
DOOR NUMBER	ROOM NUMBER	DOOR						FRAME		HARDWARE SET***	REMARKS
		WIDTH	HEIGHT	THICKNESS	TYPE**	MATERIAL	FINISH	MATERIAL	FINISH		
D001-1	001	3'-0"	6'-8"	1-3/4"	A	FLGS	STD	WD	STD	1	EXTERIOR ENTRY TO STORAGE ROOM
D101-1	101	2'-9 1/2"	6'-9 5/8"	1-3/4"	B	FLGS	STD	WD	STD	1	BY MODULAR BUILDER
D102-3	101	3'-0"	6'-8"	1-3/4"	A	FLGS	STD	WD	STD	1	BY MODULAR BUILDER
D200-1	200	2'-8"	6'-8"	1-3/4"	C	FLGS	STD	WD	STD	3	BY MODULAR BUILDER
D302-1	302	2'-8"	6'-8"	1-3/8"	D	COMPOSITE	STD	WD	STD	4	MATCH FINISH OF MODULAR DOORS

* CONTRACTOR TO VERIFY DOOR WIDTHS AND HEIGHTS IN FIELD AND MODIFY TO SUIT WITHOUT ADDITIONAL FEES.
 ** SEE DOOR TYPES TABLE, BELOW.
 *** SEE HARDWARE SETS TABLE, BELOW. ALL DOORS TO BE KEYPED ALIKE.
 1. INTERIOR DOOR CASING TO BE WM351 PROFILE OR SIMILAR

WINDOW SCHEDULE									
WINDOW NUMBER	ROOM NUMBER	WINDOW SIZES		TYPE**	WINDOW EXTERIOR		WINDOW INTERIOR		REMARKS
		WIDTH	HEIGHT		MATERIAL	COLOR	MATERIAL	COLOR	
W301-1	301	57"	24-5/8"	A	VNL	O/S	WD	O/S	
W301-2	301	57"	48-1/2"	A	VNL	O/S	WD	O/S	
W301-3	301	35-5/8"	44-7/8"	A	VNL	O/S	WD	O/S	
W302-1	301	35-5/8"	48-7/8"	A	VNL	O/S	WD	O/S	SMART SUN HEAT LOCK GLAZING

NOTES
 1. WINDOW U RATING TO BE MINIMUM .32
 2. WINDOW DESIGN PRESSURE RATING MINIMUM 50
 3. BASIS OF DESIGN: ANDERSON 400 SERIES WOOD INTERIOR WITH VINYL CLAD EXTERIOR.
 4. MATCH WINDOW HARDWARE, FINISH, AND COLOR OF MODULAR HOME, TYPICAL.
 5. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO ORDER OF WINDOWS.
 ** SEE WINDOW TYPES TABLE.

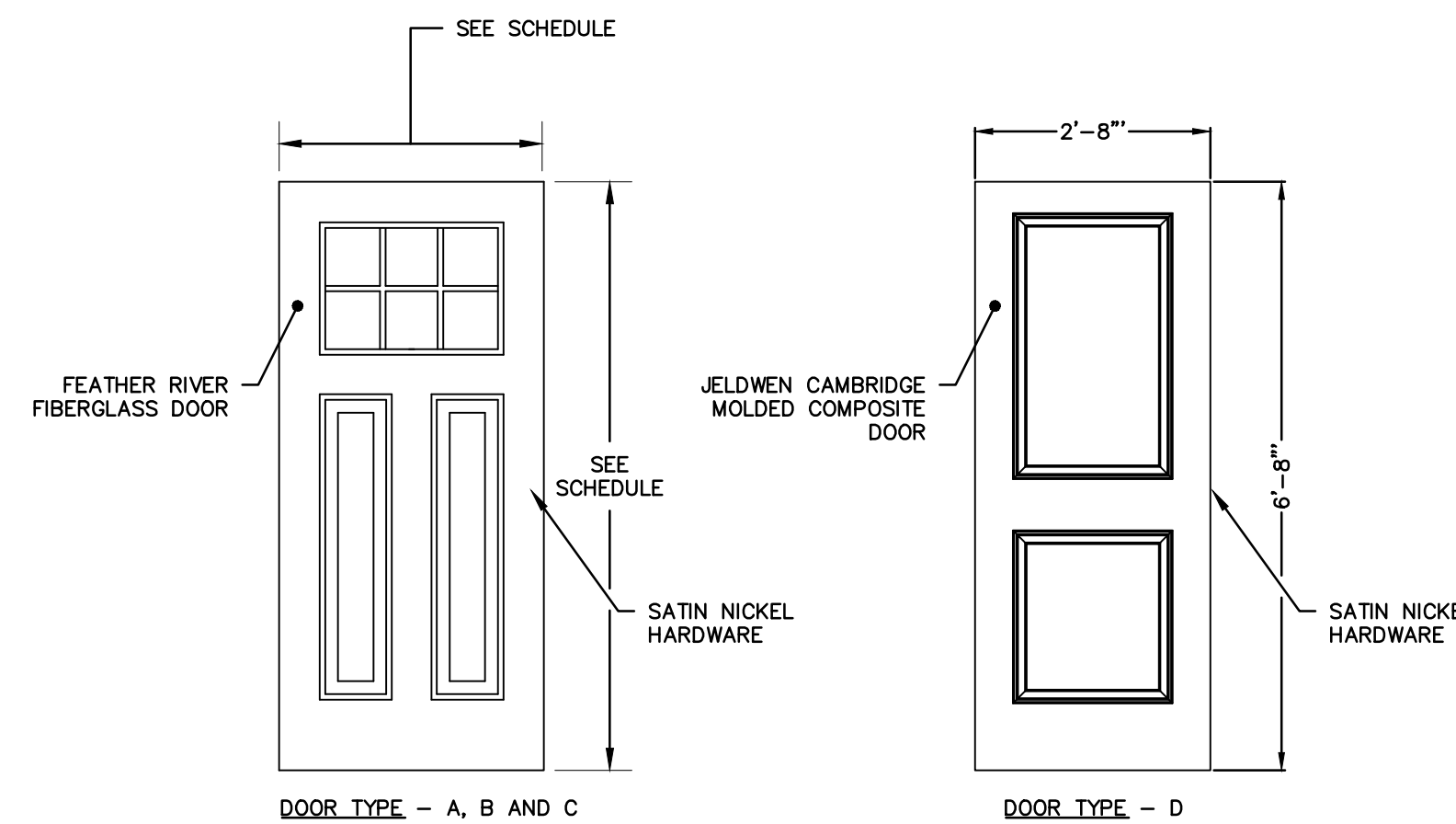
WINDOW TYPES	
A	ANDERSEN 400 SERIES CASEMENT WINDOW
B	ANDERSEN 400 SERIES AWNING WINDOW



1 WINDOW A - EXTERIOR ELEVATION
 A-5.0 N.T.S.

DOOR TYPES	
A	FEATHER RIVER DOOR; LITE CLEAR CRAFTSMAN UNFINISHED SMOOTH FIBERGLASS PREHUNG DOOR, LEFT-HAND INSWING
B	FEATHER RIVER DOOR; LITE CLEAR CRAFTSMAN UNFINISHED SMOOTH FIBERGLASS PREHUNG DOOR, RIGHT-HAND INSWING
C	FEATHER RIVER DOOR; LITE CLEAR CRAFTSMAN UNFINISHED SMOOTH FIBERGLASS PREHUNG DOOR, LEFT-HAND OUTSWING
D	JELDWEN COMPOSITE DOOR, CAMBRIDGE SERIES PRE-HUNG

HARDWARE SETS	FINISH	REMARK	MANUFACTURER
1	SATIN NICKEL	KEYED ENTRY DOOR KNOB AND DEADBOLT SET	SCHLAGE, B60N 619, F51 GEO 619
2	SATIN NICKEL	KEYED ENTRY DOOR KNOB	SCHLAGE, F51 GEO 619
3	SATIN NICKEL	DOOR KNOB PRIVACY	SCHLAGE, F40 GEO 629
4	SATIN NICKEL	DOOR LEVER, PASSAGE	SCHLAGE, F10 ACC 619
5	SATIN NICKEL	DUMMY KNOB	SCHLAGE, F170 ORB 619



2 DOOR ELEVATIONS
 A-5.0 N.T.S.

FINISH SCHEDULE															
ROOM NAME	ROOM ID	FLOOR			BASE				WALL			CEILING			REMARKS
		SUBSTRATE	FINISH	COLOR	MATERIAL	PROFILE	FINISH	COLOR	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	
GRADE LEVEL ENTRY	001	CONC	FLOAT	NATURAL	NONE	H/A	N/A	N/A	NONE	N/A	N/A	GB	PTD	OS	ENTRYWAY AT GRADE, BREAK AWAY WOOD STUD WALLS, EXPOSED STUD FRAMING INTERIOR. EXTERIOR GRADE PLYWOOD SHEATHING, FLOOR - FLOAT FINISHED CONCRETE SLAB
STAIRWAY 1	002	PLY	PFHDWD	OS	NONE	N/A	N/A	N/A	GB	PTD	OS	N/A	N/A	N/A	STAIRWAY TO FIRST FLOOR FROM GRADE, FINISHES BELOW 2X10 FLOOR FRAMING ON SITE ABOVE BY MODULAR BUILDER, CEILING ABOVE STAIRWELL BY MODULAR BUILDER, SEE DRAWING A-2.3
STORAGE ROOM 1	301	PLY*	N/A	N/A	NONE	N/A	N/A	N/A	NONE	N/A	N/A	NONE	PTD	OS	PLYWOOD ACCESS WALK WHERE INDICATED ON DRAWINGS
STORAGE ROOM 2	302	NONE	N/A	N/A	NONE	N/A	N/A	N/A	NONE	N/A	N/A	NONE	PTD	OS	

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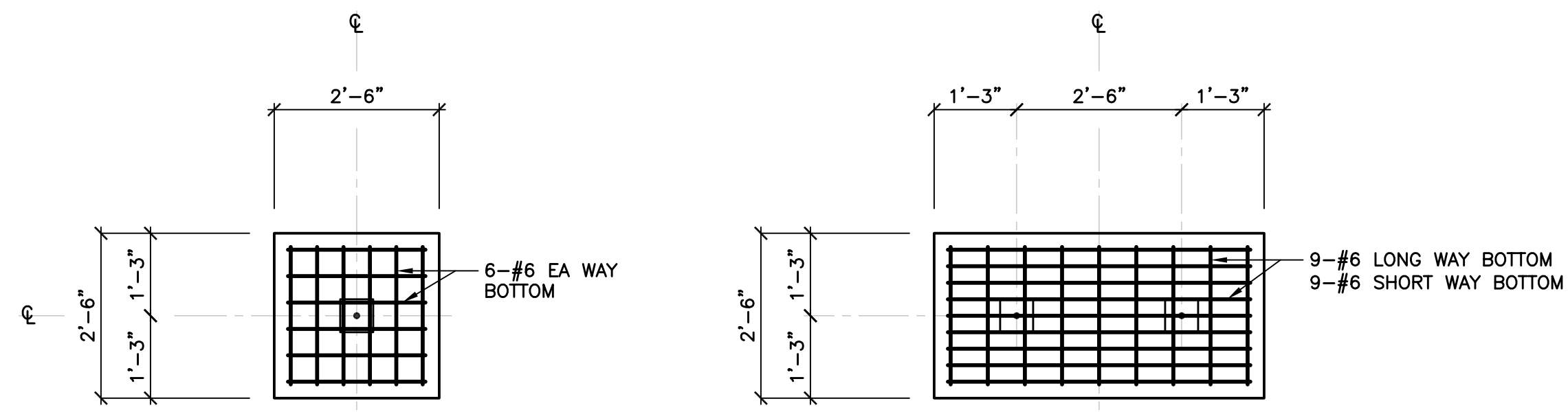
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 12 JACOB STREET
 NORWALK, CONNECTICUT 06853

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DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: AS NOTED	DATE: 12/17/18

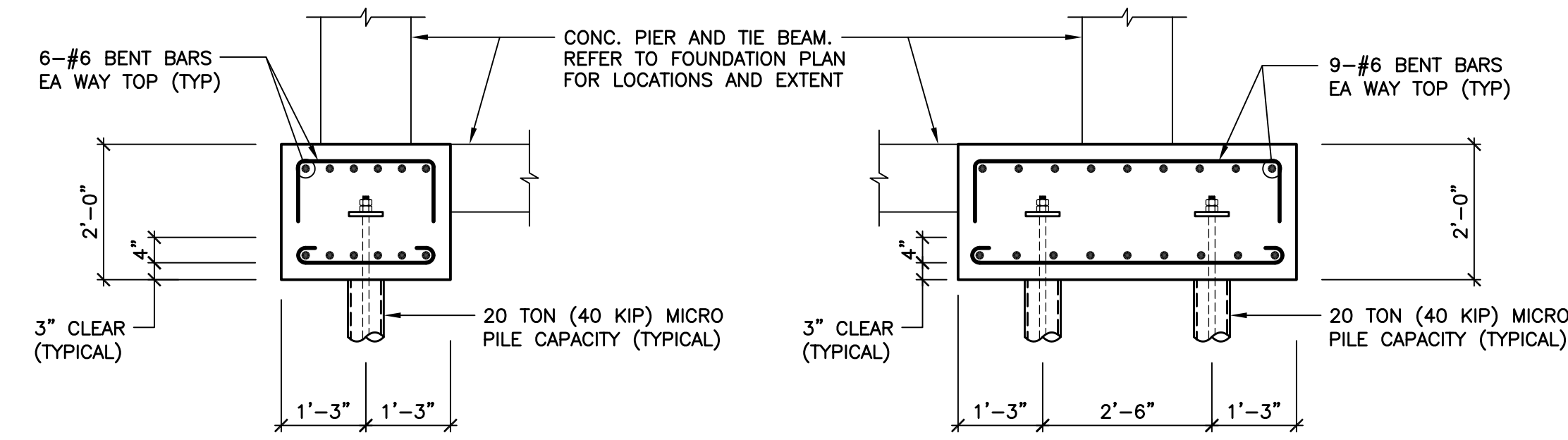
DETAILS AND SCHEDULES

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	B3-262-1247-BASE.dwg	A-5.0



PLAN - P1 CAP

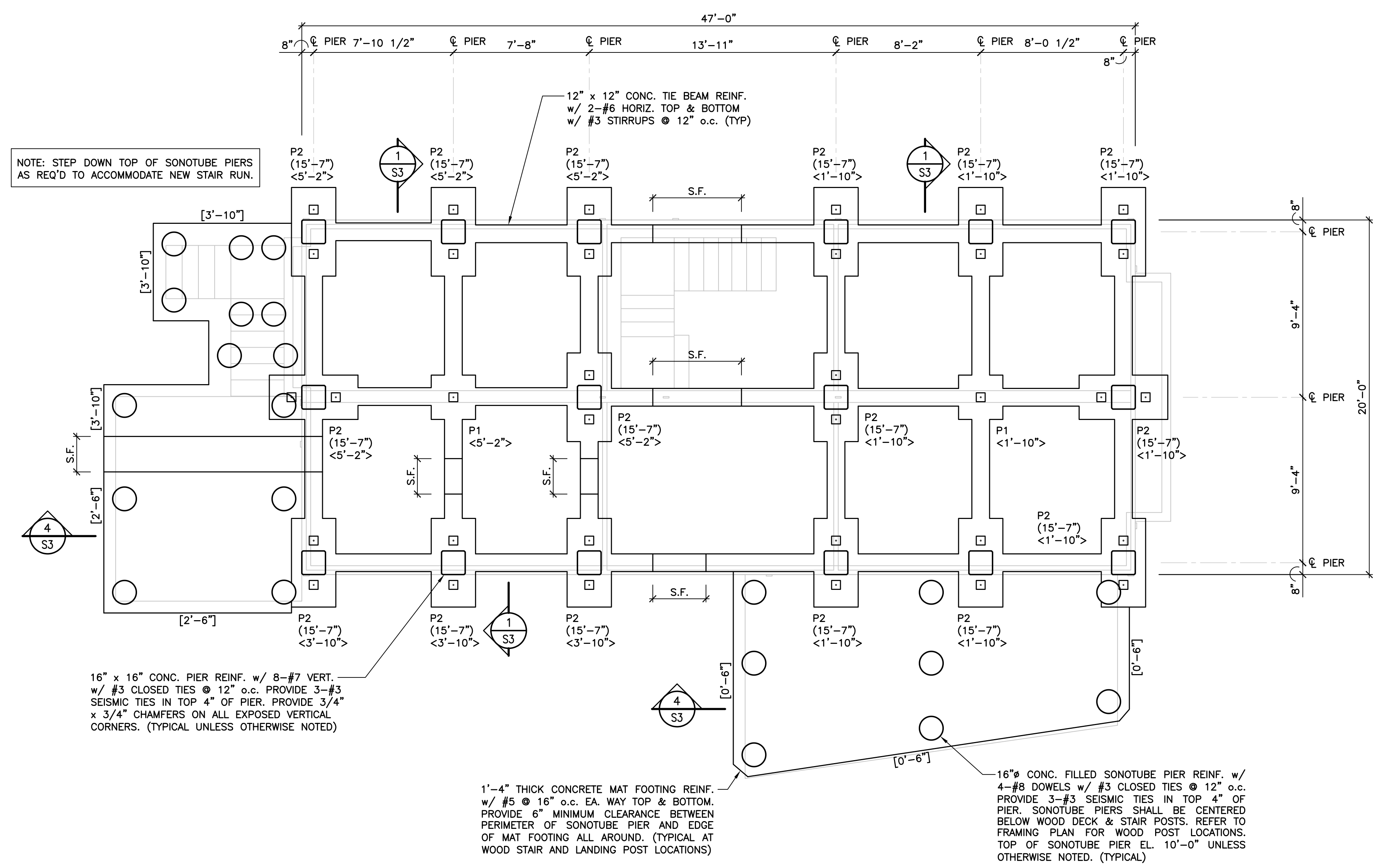
PLAN - P2 CAP



SECTION - P1 CAP

SECTION - P2 CAP

TYPICAL CONCRETE PILE CAP DETAILS
SCALE: 1/2" = 1'-0"



FOUNDATION PLAN

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



LEGEND:

- P# PILE CAP MARK (SEE DETAILS THIS DWG)
- <.....> EL. TOP OF CONC. PILE CAP
- (.....) EL. TOP OF CONC. PIER
- [.....] EL. BOTTOM OF CONC. MAT FOOTING
- ☐ DENOTES 20 TON (40 KIP) CAPACITY MICROPILE. FIELD VERIFY ALL HELICAL PILE LOCATIONS.
- S.F. STEPPED FOUNDATION-SEE TYPICAL DETAIL



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THOMAS A. TORRENTI, P.C.
Consulting Engineers

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P.O. Box 1153 Fax (203) 891-8299
Orange, CT 06477-7153 torrenti@optonline.net

NO.	DATE	REVISIONS	BY	CHK	APPV
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DRAWN BY: DEB			CHECKED BY: TAT		SCALE: AS NOTED
					DATE:

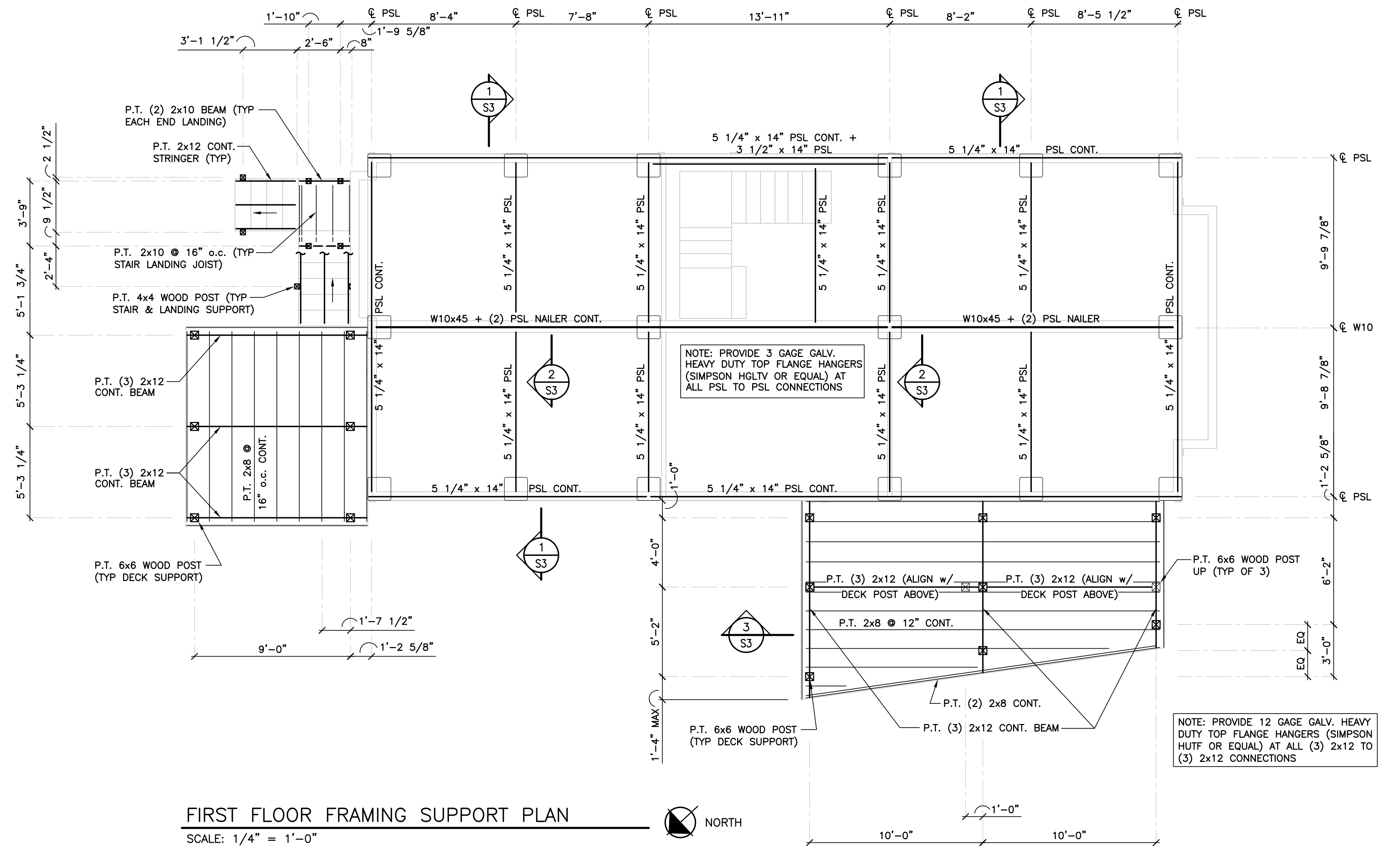
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THOMAS A. TORRENTI, P.E.

FOUNDATION DESIGN

FOUNDATION PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	21819 S1-S3.dwg	S1



FIRST FLOOR FRAMING SUPPORT PLAN

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

NOTES:

1. FINISH FLOOR EL. 17'-9".
2. SETTING AND ANCHORAGE OF THE SUPERSTRUCTURE TO NEW MICROPILE FOUNDATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. CONDITIONS SHOWN ARE BASED SOLELY ON AVAILABLE INFORMATION AND HAVE NOT BEEN INDEPENDENTLY VERIFIED TO BE COMPLETELY ACCURATE.
4. REFER TO DRAWING S3 FOR ADDITIONAL CONSTRUCTION ITEMS & REQUIREMENTS NOT SHOWN FOR CLARITY ON FRAMING PLAN THIS DWG.



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DRAWN BY: DEB CHECKED BY: TAT SCALE: AS NOTED DATE: _____

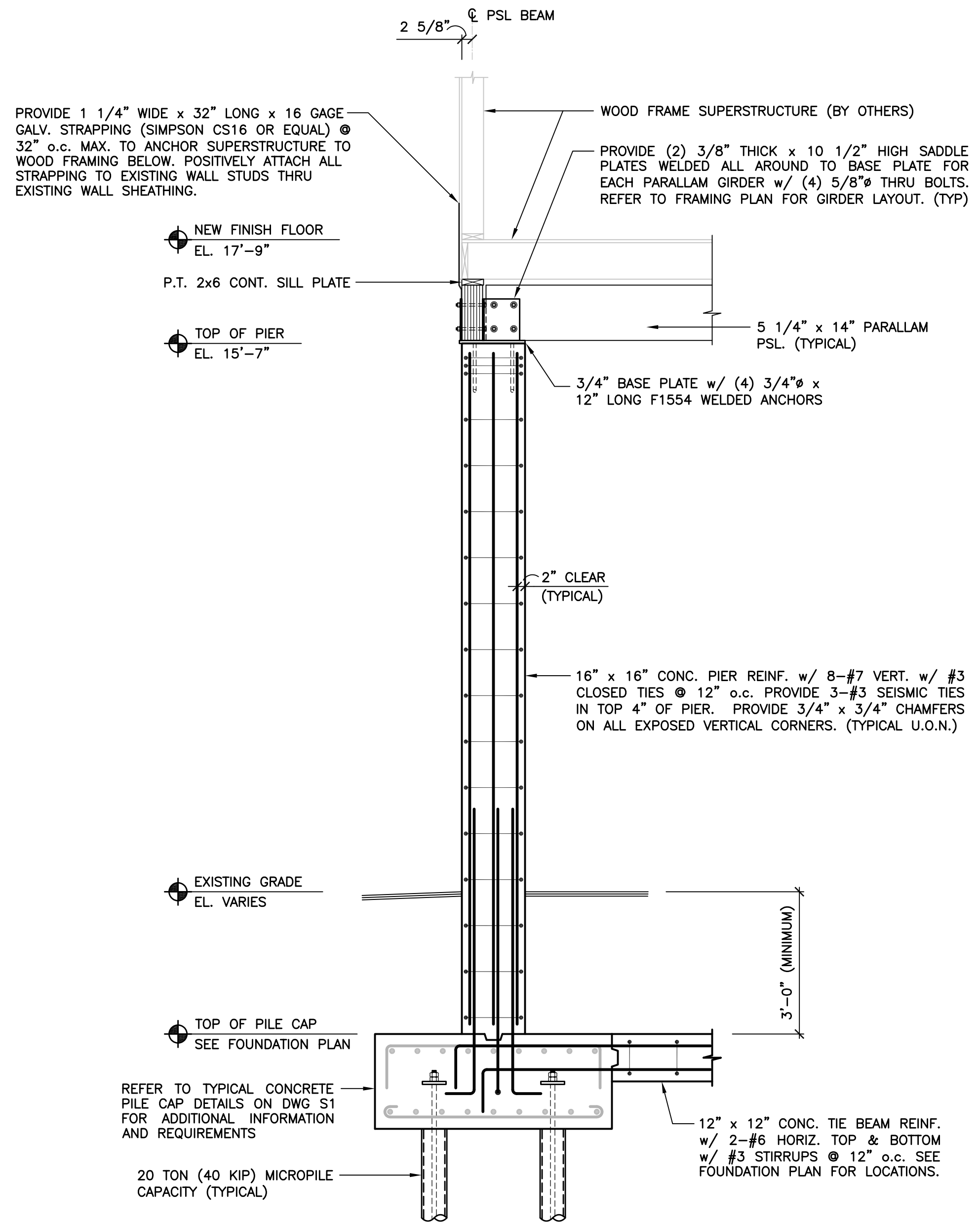
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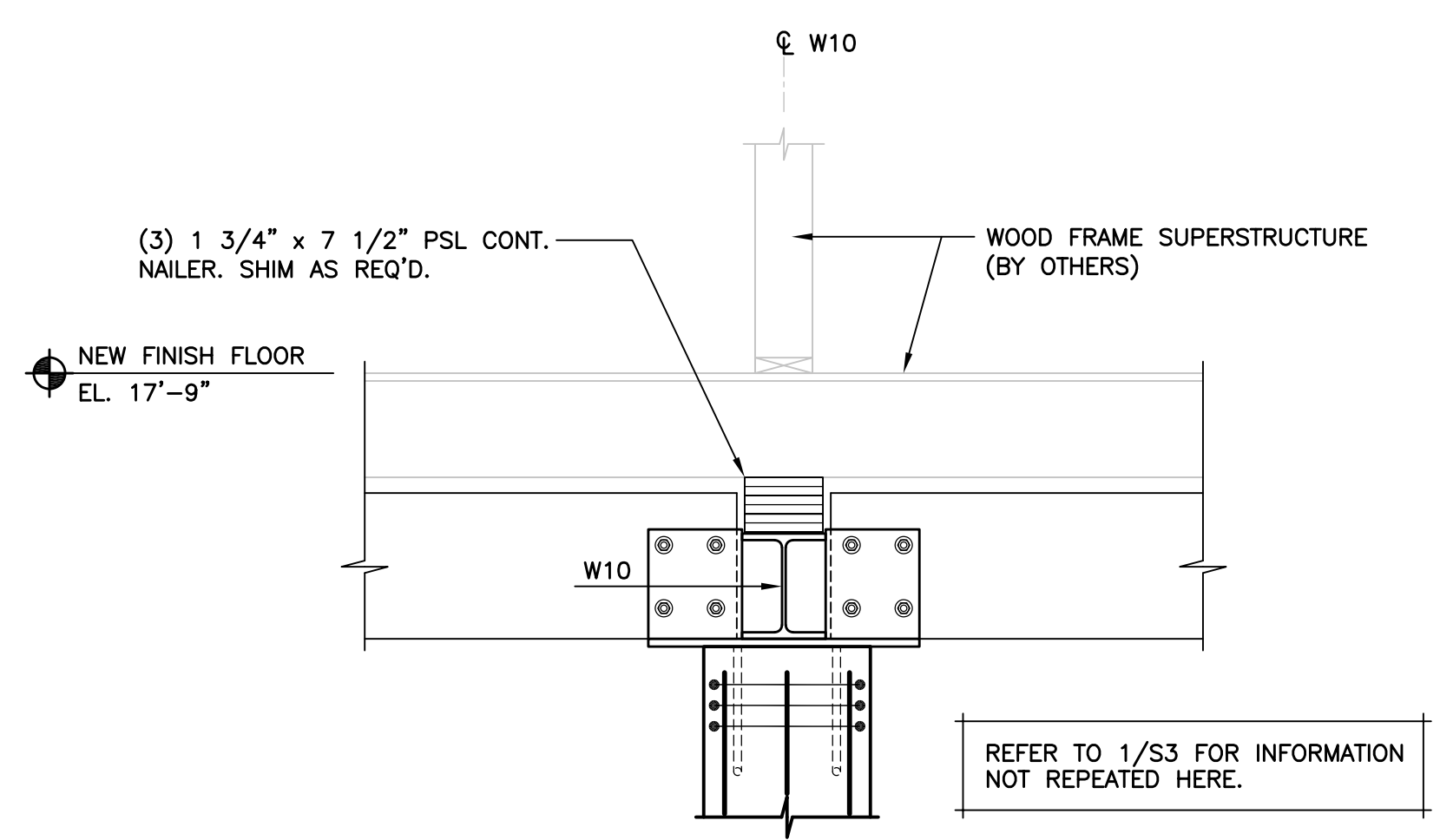
FOUNDATION DESIGN

FIRST FLOOR FRAMING SUPPORT PLAN

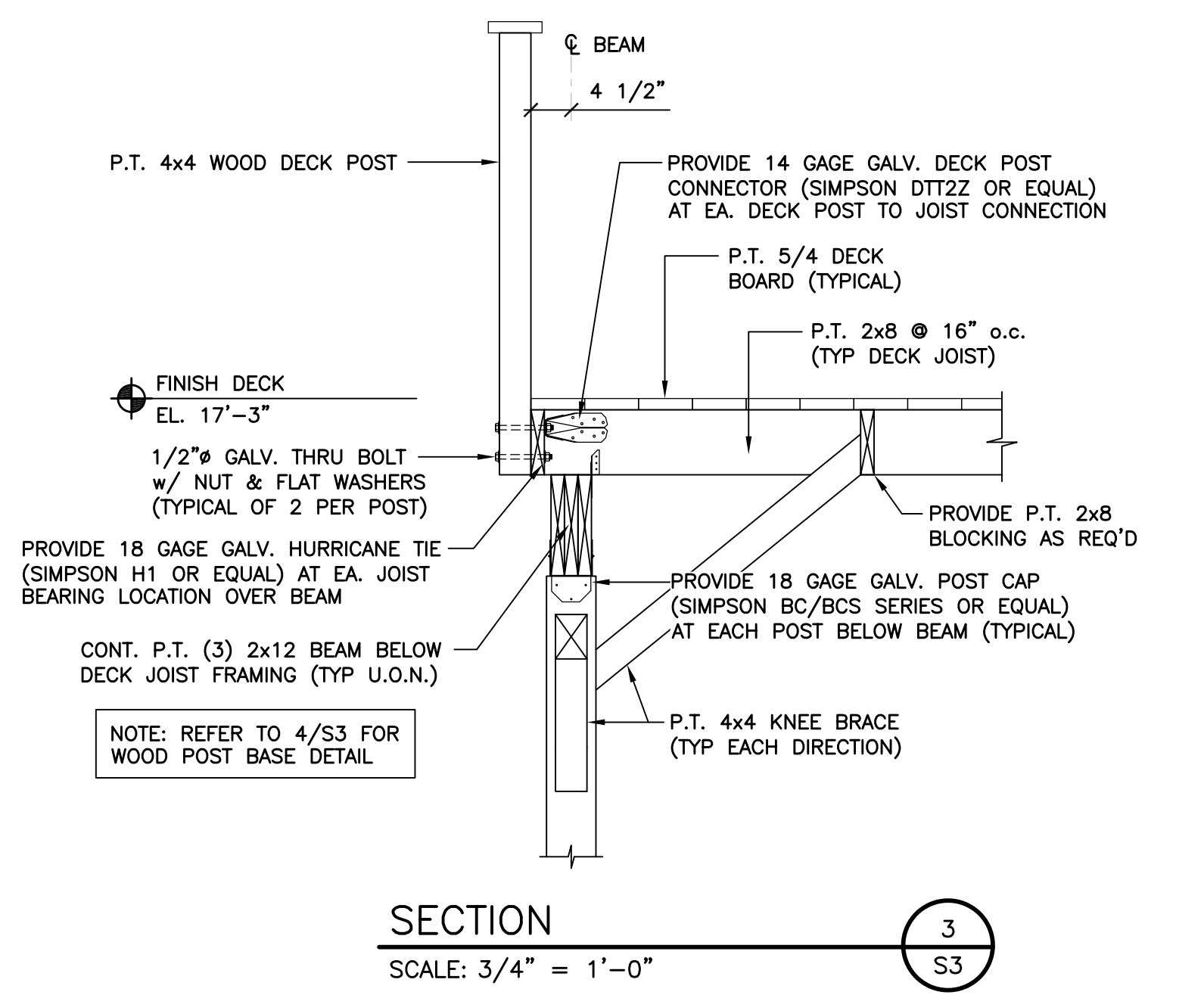
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	21819 S1-S3.dwg	S2



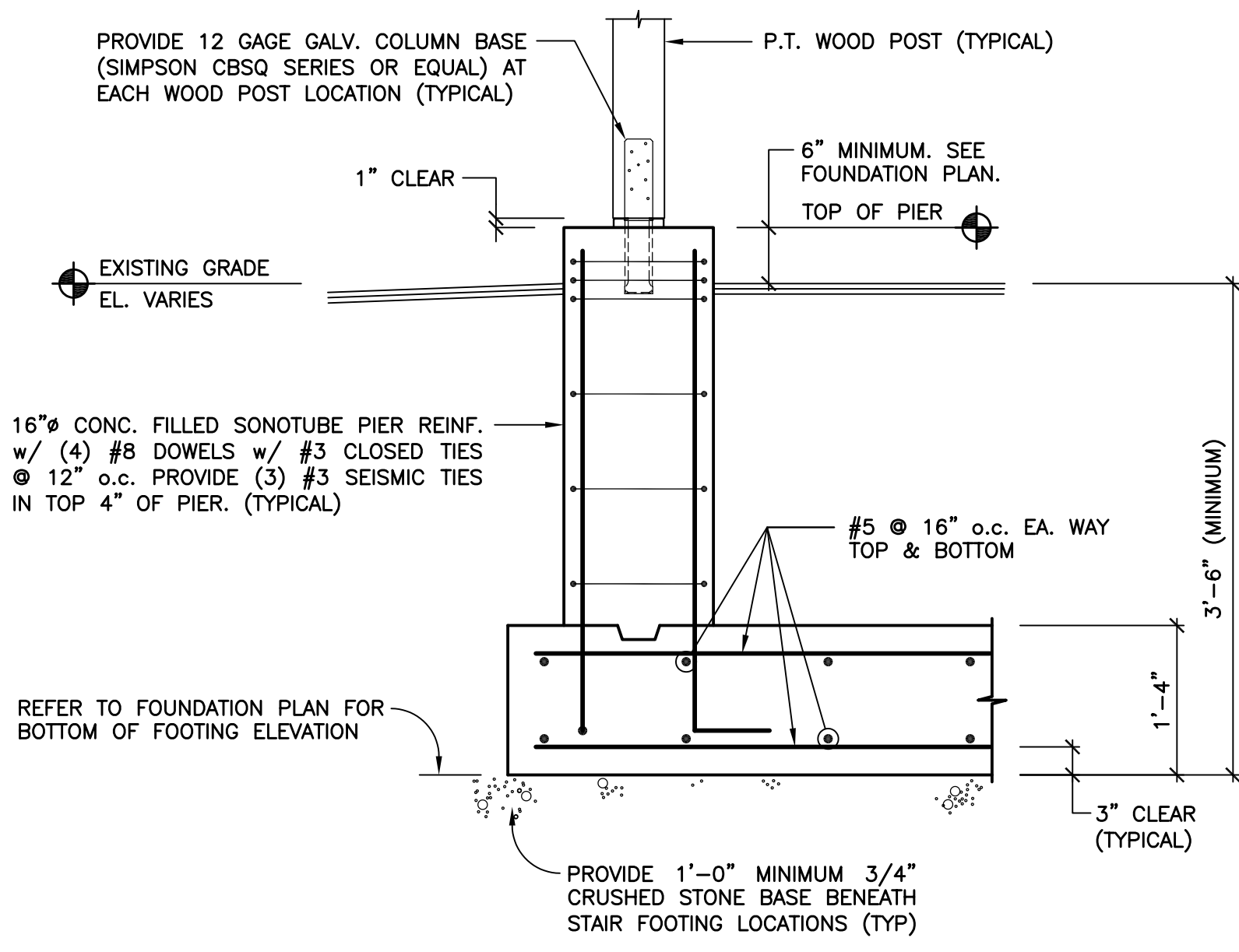
SECTION 1
SCALE: 1/2" = 1'-0"



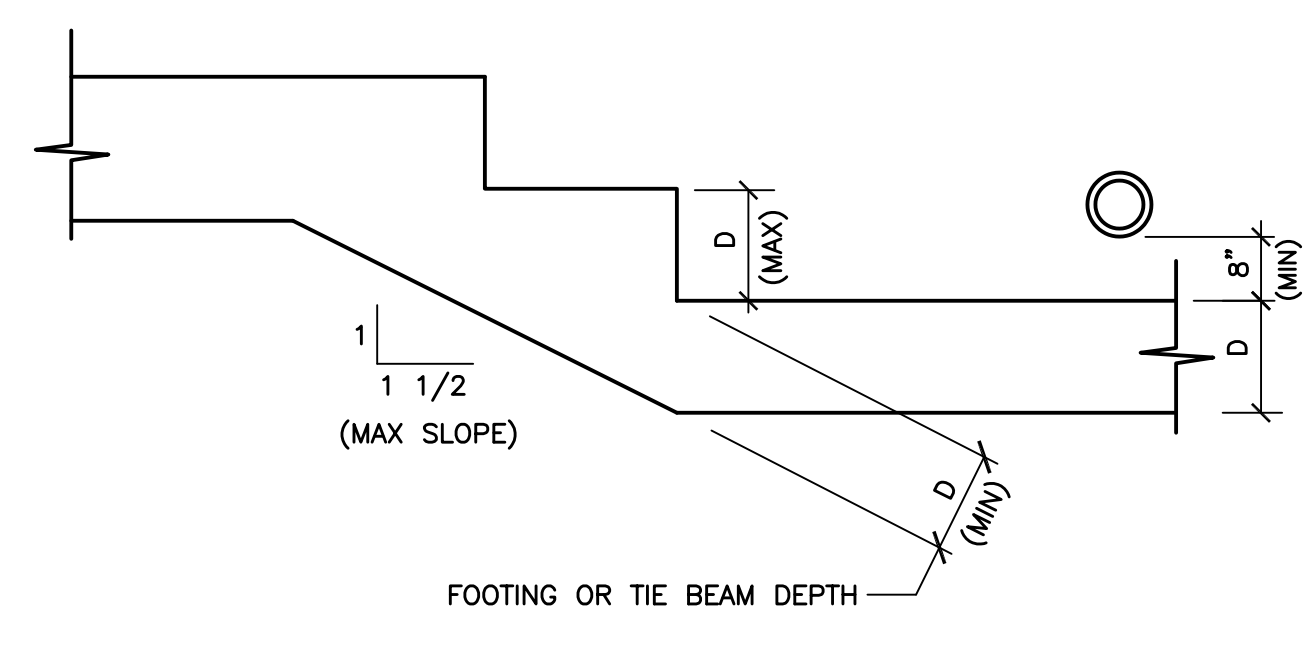
SECTION 2
SCALE: 3/4" = 1'-0"



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



SECTION 4
NO SCALE
(TYPICAL STAIR/LANDING FOUNDATION)



TYPICAL STEPPED FOUNDATION DETAIL
NO SCALE

DESIGN BASIS

GOVERNING CODE2018 CONNECTICUT STATE BUILDING CODE + CT AMENDMENTS

GENERAL NOTES:

SHOP DRAWINGS ARE TO BE CHECKED BY THE CONTRACTOR AND BEAR THE CHECKER'S INITIALS BEFORE BEING SUBMITTED TO THE ENGINEER.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES, AND EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE, AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, ETC. THAT MAY BE REQUIRED.

WORK THESE DRAWINGS WITH THOSE OF OTHER TRADES FOR LOCATIONS OF OPENINGS, RECESSES, BUILT-IN WORK, ETC.

FOUNDATION NOTES

REFER TO GEOTECHNICAL REPORT PREPARED BY DR. CLARENCE WELTI, P.E., P.C., DATED DECEMBER 26, 2017 FOR SUBSURFACE PREPARATION & RELATED REQ'MENTS.

MICROPILES

ALL MICROPILES SHALL DEVELOP A MINIMUM ALLOWABLE LOAD CARRYING CAPACITY OF 20 TONS (40 KIPS) UNLESS OTHERWISE NOTED.

ALL MICROPILES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT. THE PROPOSED MICROPILE SHALL HAVE A MINIMUM CASING SIZE OF 7 5/8" OUTSIDE DIAMETER x 0.430" WALL THICKNESS, BE FILLED SOLID w/ GROUT AND BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM 123 AND BE SUBMITTED FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY WORK. SUBMITTAL SHALL INCLUDE SIZE, STRENGTH, GALVANIZING, DEPTH, SEAT TYPE AND CORE STEEL.

INSTALL ONE (1) TEST PILE PRIOR TO CONSTRUCTION.

CONCRETE

MATERIALS:

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS. CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN.

ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, MUST FOLLOW THE LATEST ACI CODE AND LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".

ALL REINFORCING STEEL SHALL BE EPOXY COATED IN ACCORDANCE WITH ASTM A775.

NO CALCIUM CHLORIDE OR ADMIXTURES CONTAINING MORE THAN 1% CHLORIDE BY WEIGHT OF ADMIXTURE SHALL BE USED IN THE CONCRETE.

PROVIDE 5% TO 7% AIR ENTRAINMENT IN ALL CONCRETE.

UNLESS OTHERWISE NOTED, ALL LAP SPLICES SHALL BE CLASS B.

STRUCTURAL STEEL

STRUCTURAL STEEL.....ASTM A572/992
 ANGLES, MISCELLANEOUS PLATES AND BARS.....ASTM A36
 BOLTS.....ASTM A325
 WELDING ELECTRODE.....ASTM E 70

ALL STRUCTURAL STEEL AND CONNECTION HARDWARE SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.

ALL WELDING SHALL BE DONE BY A CERTIFIED WELDER IN ACCORDANCE WITH A.W.S. STANDARDS.

ALL STRUCTURAL STEEL FROM DELIVERY TO THE JOB SITE TO AFTER ERECTION SHALL CONFORM TO ALL REQUIREMENTS OF ASTM A6.

STRUCTURAL LUMBER

STRUCTURAL LUMBER USED FOR BRIDGING, BLOCKING AND OTHER MISCELLANEOUS FRAMING SHALL BE NOT LESS THAN NO. 2 GRADE DOUGLAS FIR AND SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:

EXTREME FIBER IN BENDING.....	F _b =	875	PSI
HORIZONTAL SHEAR.....	F _v =	95	PSI
TENSION PARALLEL TO GRAIN.....	F _t =	825	PSI
COMPRESSION PERPENDICULAR TO GRAIN.....	F _c =	385	PSI
COMPRESSION PARALLEL TO GRAIN.....	F _c =	1,050	PSI
MODULUS OF ELASTICITY.....	E =	1,700,000	PSI

MOISTURE CONTENT OF ALL FRAMING LUMBER WHEN DELIVERED TO THE PROJECT SITE SHALL NOT EXCEED 19%.

NAILING AND OTHER FASTENING SHALL BE AS PER TABLE 2304.9.1, FASTENING SCHEDULE, OF THE 2005 STATE OF CONNECTICUT BUILDING CODE.

PLYWOOD WALL SHEATHING SHALL BE NOMINAL 5/8" THICK SQUARE EDGE EXTERIOR GRADE CDX AND CONTAIN (4) INNER PLYS.

PLYWOOD ROOF SHEATHING SHALL BE NOMINAL 3/4" THICK SQUARE EDGE EXTERIOR GRADE.

ENGINEERED WOOD PRODUCTS

ELEMENTS. FOLLOWING ERECTION, JOISTS SHALL BE SHEATHED AND PROTECTED TO MAINTAIN STRESS-GRADED MOISTURE CONTENT NOT TO EXCEED 19%.

PARALLAM PLUS PSL WOLMANIZED MEMBERS USED FOR BEAMS AND HEADERS SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:

EXTREME FIBER IN BENDING.....	F _b =	1,827	PSI
HORIZONTAL SHEAR.....	F _v =	197	PSI
TENSION PARALLEL TO GRAIN.....	F _t =	1,397	PSI
COMPRESSION PERPENDICULAR TO GRAIN.....	F _c =	368	PSI
COMPRESSION PARALLEL TO GRAIN.....	F _c =	1,508	PSI
MODULUS OF ELASTICITY.....	E =	1,460,000	PSI



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PROJECT 1247
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 Consulting Engineers

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 Orange, CT 06477-7153 torrenti@optonline.net

NO.	DATE	REVISIONS	BY	CHK	APPV
2	2/4/19	ISSUED FOR BIDDING	DEB	TAT	TAT
1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL	DEB	TAT	TAT
DRAWN BY: DEB		CHECKED BY: TAT	SCALE: AS NOTED	DATE:	

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND SEAL
 THOMAS A. TORRENTI, P.E.

FOUNDATION DESIGN		
SECTIONS & NOTES		
JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	21819 S1-S3.dwg	S3

BUILDING UTILITY GENERAL NOTES

1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
3. IT IS THE PROJECT INTENT TO TURN OVER COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS TO THE OWNER FOR FINAL ACCEPTANCE OF PROJECT WORK.
4. FINAL PAYMENT WILL NOT BE PROCESSED WITHOUT SUBMITTAL OF ALL TESTING REPORTS OR EVIDENCE THEREOF FOR COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS, AS REQUIRED BY CONTRACT SPECIFICATIONS AND AUTHORITIES HAVING JURISDICTION.
5. ALL BUILDING PENETRATIONS TO BE SEALED WITH INTUMESCENT FIRE STOP PUTTY, HTLI FS-ONE OR APPROVED EQUAL. ALL FINISHES TO BE PATCHED TO MATCH EXISTING ADJACENT CONDITIONS.
6. ANY SPECIAL REQUIREMENTS OR CONDITIONS OF UTILITY PROVIDERS FOR UTILITY SERVICE RECONNECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

MECHANICAL-PLUMBING GENERAL NOTES

1. MECHANICAL AND PLUMBING PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING MECHANICAL/PLUMBING SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INCLUDE ALL NECESSARY PIPING FITTINGS AND FIXTURES TO COMPLETE THE DESIGN INTENT UNDER THE BASE BID IN ACCORDANCE WITH CURRENT CODES AND REQUIREMENTS OR AS SPECIFIED WHICHEVER IS MORE STRINGENT.
3. INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
4. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2018 STATE OF CONNECTICUT BUILDING CODE AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
5. MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
6. ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS AND THE AS BUILT MODULAR STRUCTURE. CONTRACTOR SHALL FURNISH AND INSTALL ALL PIPING AND FITTINGS TO MAKE THE CONNECTIONS AND SYSTEMS INTENDED BY THESE PLANS.
7. GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE FITTINGS.
8. PIPING SHALL BE SUPPORTED AND FASTENED WITH APPROPRIATE HANGERS, TIES, OR STRAPS; PIPING SHALL BE INSTALLED FREE OF SAGS AND DROOPS.
9. FURNISH AND INSTALL ALL PLUMBING FIXTURES WITH ACCESSIBLE STOPS AND THERMOSTATIC MIXING VALVES AT ALL SHOWER FAUCETS.
10. ALL CLEANOUTS SHALL BE FULL SIZE OF PIPE UNLESS OTHERWISE NOTED.
11. MAKE PROPER HOT AND COLD WATER, WASTE VENT, DRAIN, GAS, AND OTHER PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT.
12. EQUIPMENT SHALL BE INSTALLED TO FACILITATE SERVICING AND COMPLY WITH MANUFACTURER WRITTEN INSTRUCTIONS.
13. CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE OPERATION AND MAINTENANCE DOCUMENTS AND TRAIN OWNER ON OPERATION OF SYSTEM.
14. CUTTING AND PATCHING OF MODULAR HOME CONSTRUCTION TO BE COMPLETED AS REQUIRED FOR COMPLETE MECHANICAL AND PLUMBING INSTALLATION.

BUILDING VENTILATION NOTES

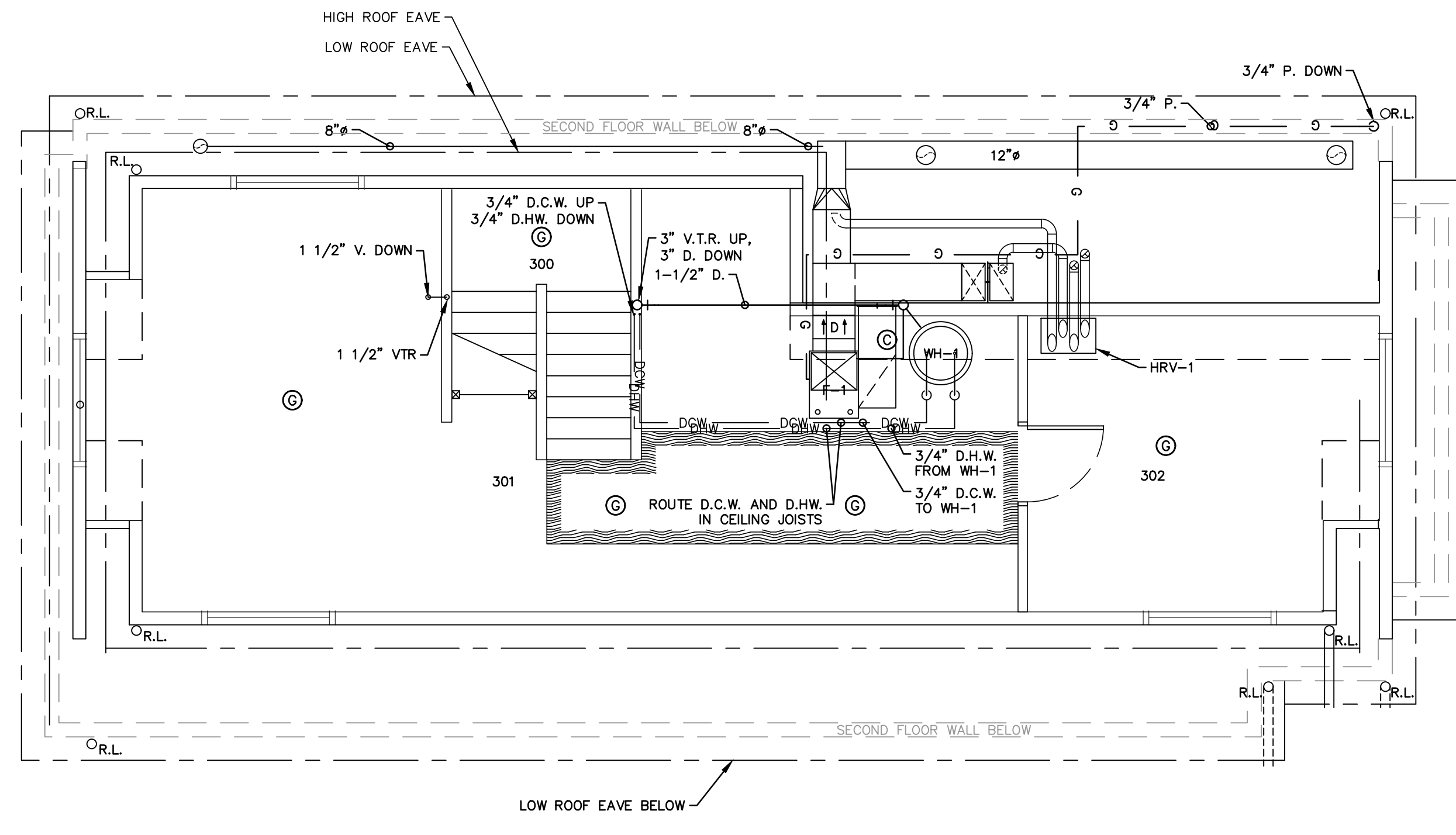
1. PROVIDE COMPLETE FUNCTIONING WHOLE BUILDING VENTILATION SYSTEM INSTALLED AND BALANCED PER MANUFACTURER INSTRUCTIONS.
2. INSTALL HRV WALL CONTROL UNIT ADJACENT TO FURNACE CONTROL ON FIRST FLOOR. INSTRUCT OWNER ON SYSTEM OPERATION AND PROVIDE WRITTEN INSTRUCTIONS.
3. INTERLOCK FURNACE BLOWER FAN WITH HRV CONTROL. HRV CONTROL UNIT TO BE CAPABLE OF INTERMITTENT ON/OFF PROGRAMMING.
4. ALL DUCTING FOR HRV-1 SHALL BE 6" ROUND METAL DUCTING INSULATED AND SEALED.
5. INSTALL BACKFLOW DAMPER IN 6" HRV FRESH AIR SUPPLY TO FURNACE SUPPLY DUCT.
6. INSTALL MANUALLY ADJUSTABLE BALANCING DAMPERS IN 6" STALE AIR FRESH AIR DUCTS CONNECTING HRV-1 AND F-1.
7. MOUNT HRV SUSPENDED FROM RAFTERS OR ON WOOD STUD WALL PER MANUFACTURER DIRECTIONS.
8. CONNECT DRAIN LINE FOR HRV UNIT TO CONDENSATE DRAIN LINE FOR FURNACE.
9. PROVIDE DOUBLE DRIP PAN BENEATH HRV UNIT.
10. FOR DWELLING WITH AREA OF 1501 - 3000 SQUARE FEET, PER IRC 2015 TABLE M1507.3.3(1) MINIMUM VENTILATION REQUIRED IS 60 C.F.M. FOR DWELLINGS WITH 2 TO 3 BEDROOMS. HRV BASIS OF DESIGN PROVIDES > 60 C.F.M. WITH ALLOWANCE FOR UP TO 33% RUNTIME PER 4 HOUR PERIOD PER IRC TABLE M1507.3.3(2).
11. INSTALLATION TO BE COMPLETED BY A LICENSED MECHANICAL CONTRACTOR WITH AT LEAST 5 YEARS EXPERIENCE IN SIMILAR INSTALLATIONS.
12. BASIS OF DESIGN EQUIPMENT
 - 12.1. HRV CONTROL - BROAN HRV-180 ECM
 - 12.2. WALL CONTROL - BROAN VTBW

HEATING SYSTEM NOTES

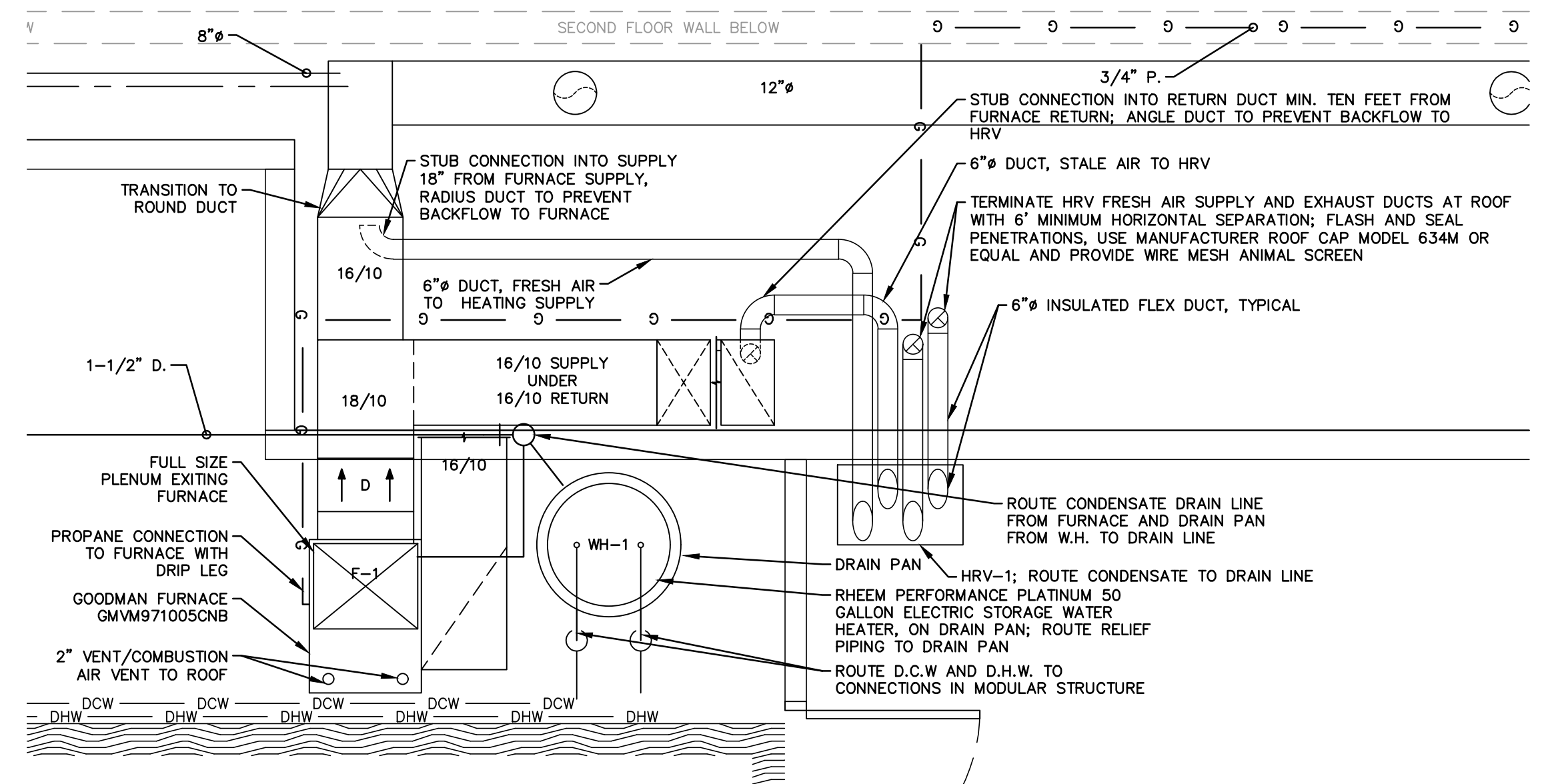
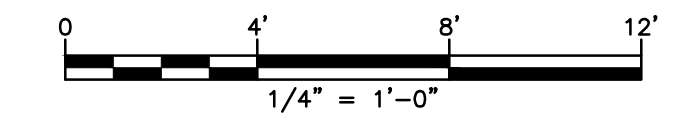
1. THE COMPLETE DESIGN OF THE HOUSE HEATING SYSTEM, DUCTING, DIFFUSERS, REGISTERS, AND GRILLES, AND CONTROLS WILL BE COMPLETED BY A LICENSED MECHANICAL CONTRACTOR WHO WILL BE RESPONSIBLE FOR DESIGN, SIZING, AND COORDINATION OF SYSTEM INSTALLATION. THE DESIGN SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE 2015 IRC AND ACCA MANUAL D.
2. DUCT ROUTING ON PLANS IS SCHEMATIC AND FINAL ROUTING TO BE DETERMINED IN FIELD. THE MECHANICAL CONTRACTOR SHALL MAKE REQUIRED DUCT MODIFICATIONS TO ACCOMMODATE FIELD CONDITIONS WHICH WILL NOT BE CONSIDERED A CHANGE OF CONDITIONS.
3. METAL DUCTING SHALL BE FABRICATED AND INSTALLED PER SMACNA "HVAC DUCT CONSTRUCTION STANDARDS- METAL AND FLEXIBLE" WITH GALVANIZED METALS CONFORMING TO ASTM A 653, 26 GAUGE MINIMUM.
4. RIGID ROUND OR RECTANGULAR DUCTING SHALL BE INSULATED WITH FIBERGLASS BLANKET INSULATION WITH FSK JACKET. JOINTS TO BE SEALED WITH 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
5. FLEXIBLE DUCTING SHALL BE FACTORY INSULATED WITH METAL VAPOR BARRIER; CONNECTIONS TO BE SECURED WITH MANUFACTURER APPROVED BANDING AND 3 INCH WIDE UL LISTED METALIZED DUCT TAPE MEETING REQUIREMENTS OF ASTM C 1136.
6. FACTORY FABRICATED DUCTS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL181.
7. DUCTING, AIR HANDLERS, AND FILTER BOXES SHALL BE TESTED FOR SEALING. TESTING WILL BE COMPLETED BY CONTRACTOR ACCORDING TO 2015 IRC N1103.3.3.
 - 7.1. A WRITTEN TEST REPORT SUBMITTED TO THE BUILDING OFFICIAL.
8. THE BUILDING THERMAL ENVELOPE AIR SHALL BE TESTED FOR AIR LEAKAGE BY THE CONTRACTOR ACCORDING TO THE PROVISIONS OF ASTM E 779 R ASTM E1827 FOLLOWING THE REQUIREMENTS OF THE 2015 IRC SECTION N1102.4.1.2.
 - 8.1. A WRITTEN REPORT SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND IF REQUIRED BY THE BUILDING OFFICIAL A THIRD PARTY WILL BE RETAINED BY THE CONTRACTOR TO COMPLETE THE TESTING AND REPORT PREPARATION.

KEY NOTES (THIS SHEET)

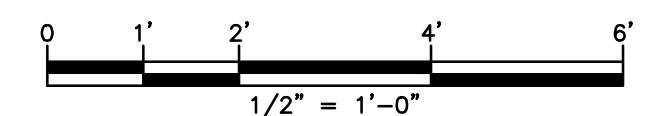
- 1 STUB AND CAP PLUMBING FIXTURE CONNECTIONS IN FUTURE BATHROOM
- 2 MAKE ALL PLUMBING CONNECTIONS AT BETWEEN SECOND FLOOR PIPING AND ATTIC VENT/DRAIN PIPING
- 3A FURNISH AND INSTALL DIFFUSERS IN CEILING FOR FORCED AIR HEATING SYSTEM; CONNECT TO IN CEILING JOISTS OF SECOND FLOOR. FURNISH AND INSTALL ALL MATERIALS FOR COMPLETE SYSTEM.
- 3B FURNISH AND INSTALL REGISTERS IN WALL FOR FORCED AIR HEATING SYSTEM; CONNECT TO IN CEILING JOISTS OF SECOND FLOOR. FURNISH AND INSTALL ALL MATERIALS FOR COMPLETE SYSTEM.
- 4 DUCTING IN CEILING JOISTS OF SECOND FLOOR; DUCTING INSTALLED FROM ATTIC LEVEL IN 2X8 JOIST FRAMING
- 5 MAKE CONNECTIONS TO MODULAR BUILDING PLUMBING IN BATHROOM. FURNISH AND INSTALL ALL MATERIALS REQUIRED TO CONNECT TO STUBS BY MODULAR BUILDER
- 6 SUPPLY AND RETURN AIR DUCTING IN CHASE TO/FROM FURNACE AIR HANDLER IN ATTIC LEVEL
- 7 FURNISH AND INSTALL THERMOSTAT AND WIRING BACK TO FURNACE



THIRD FLOOR



MECHANICAL ROOM DETAIL

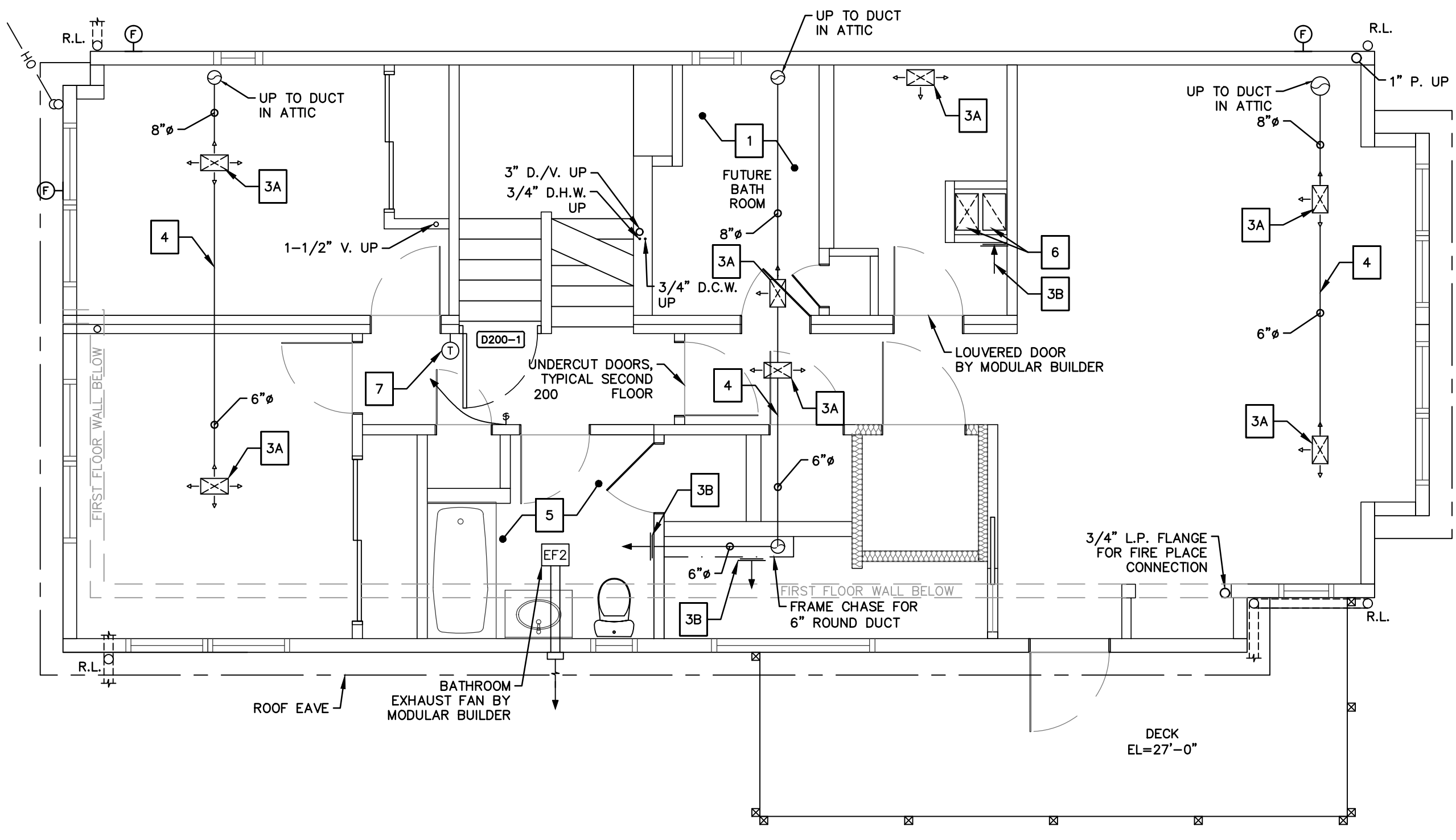


MECHANICAL LEGEND	
	CEILING SUPPLY AIR DIFFUSER
	SIDEWALL SUPPLY AIR REGISTER
	SIDEWALL RETURN AIR REGISTER
	RECTANGULAR AIR DUCT UP, FIRST NUMBER IS DIMENSION SHOWN
	RECTANGULAR SUPPLY AIR DUCT UP
	RECTANGULAR SUPPLY AIR DUCT DOWN
	RECTANGULAR RETURN AIR DUCT UP
	RECTANGULAR RETURN AIR DUCT DOWN
	ROUND SUPPLY AIR DUCT UP
	ROUND SUPPLY AIR DUCT DOWN
	ROUND FRESH AIR/EXHAUST AIR DUCT DOWN
	FLOOR REGISTER SUPPLY OR RETURN AIR
	EXHAUST FAN

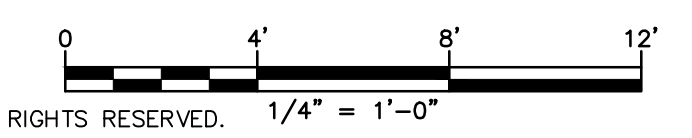
PLUMBING LEGEND	
	PIPE ELBOW UP
	PIPE ELBOW DOWN
	CLEAN OUT
	WALL HYDRANT
	PIPE FLANGE
	PIPE UNION
	CHECK VALVE
	PLUG VALVE
	GATE VALVE
	BALL VALVE
	PRESSURE REGULATING VALVE
	PRESSURE RELIEF VALVE

LEGEND	
	WORK NOTE
	SECTION REFERENCE
	DETAIL REFERENCE
	ELECTRIC METER AND METER CAN
	JUNCTION BOX
	LIGHT FIXTURE, SEE SCHEDULE
	ROOF LEADER

ABBREVIATION	ABBREVIATION
CO	CLEAN OUT
D	DRAIN
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
LP	PROPANE GAS
SAN	SANITARY DRAIN
V	VENT
VTR	VENT TO ROOF
W	WASTE DRAIN



SECOND FLOOR



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PROJECT 1247
12 JACOB STREET
NORWALK, CONNECTICUT 06853

**ISSUED FOR BID
NOT FOR CONSTRUCTION**

2	2/18/19	ISSUED FOR BIDDING	MBR	MBR	REC
1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN:	MBR	CHECKED:	MBR	APPROVED:	REC
SCALE:	AS NOTED	DATE:	12/17/18		

**MECHANICAL & PLUMBING
PLAN - 2**

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	83-262-1247-BASE.dwg	MP-1.1

BUILDING UTILITY GENERAL NOTES

1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
3. IT IS THE PROJECT INTENT TO TURN OVER COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS TO THE OWNER FOR FINAL ACCEPTANCE OF PROJECT WORK.
4. FINAL PAYMENT WILL NOT BE PROCESSED WITHOUT SUBMITTAL OF ALL TESTING REPORTS OR EVIDENCE THEREOF FOR COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS, AS REQUIRED BY CONTRACT SPECIFICATIONS AND AUTHORITIES HAVING JURISDICTION.
5. ALL BUILDING PENETRATIONS TO BE SEALED WITH INTUMESCENT FIRE STOP PUTTY, HTLI FS-ONE OR APPROVED EQUAL. ALL FINISHES TO BE PATCHED TO MATCH EXISTING ADJACENT CONDITIONS.
6. ANY SPECIAL REQUIREMENTS OR CONDITIONS OF UTILITY PROVIDERS FOR UTILITY SERVICE RECONNECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MARTINEZ COUCH AND ASSOCIATES PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND TO THE PROPERTY OWNER'S SATISFACTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
6. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

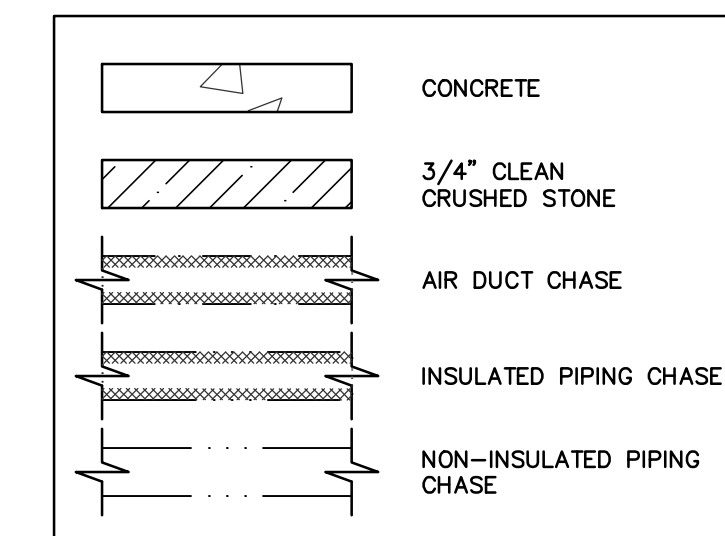
ELECTRICAL GENERAL NOTES

1. ELECTRICAL PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING ELECTRICAL SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
2. INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2018 STATE OF CONNECTICUT BUILDING CODE AMENDMENT, 2014 NATIONAL ELECTRIC CODE, AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
4. NEW CIRCUITS SHALL BE WIRED WITH TYPE NMC CABLE UNLESS OTHERWISE NOTED OR REQUIRED BY CODE OR AUTHORITIES HAVING JURISDICTION.
5. PROVIDE SEPARATE GROUND WIRE AND NEUTRAL WIRE FOR EACH CIRCUIT.
6. MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
7. ALL MATERIALS SHALL BE UL LISTED AND LABELED FOR THE INTENDED APPLICATION.
8. ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
9. RECEPTACLES SHALL BE 20 AMP, 120 VOLT UNLESS OTHERWISE INDICATED.
10. WALL SWITCHES SHALL BE SINGLE POLE 20 AMP 120 VOLT UNLESS OTHERWISE INDICATED.
14. CUTTING AND PATCHING OF MODULAR HOME CONSTRUCTION TO BE COMPLETED AS REQUIRED FOR COMPLETE ELECTRICAL INSTALLATION

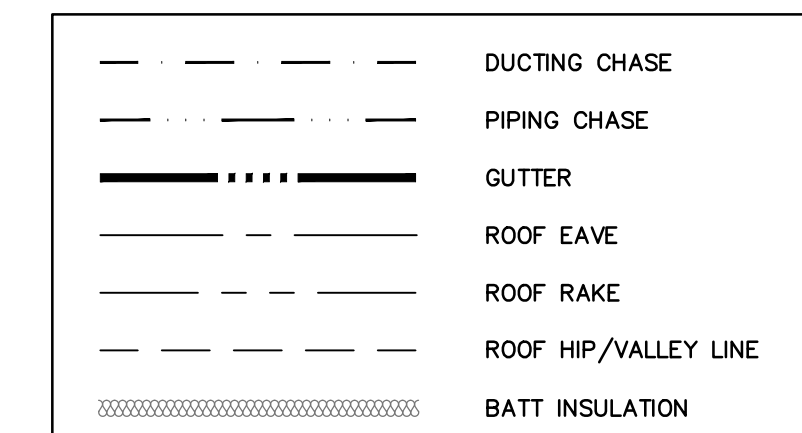
KEY NOTES (THIS SHEET)

- 1 FURNISH AND INSTALL NEW ELECTRIC METER, BYPASS METER SOCKET, AND DISCONNECT. FURNISH AND INSTALL GALVANIZED RIGID CONDUIT SERVICE MAST WITH WEATHERHEAD AND SERVICE WIRE READY FOR CONNECTION TO OVERHEAD SERVICE FROM UTILITY PROVIDER.
- 2 PROVIDE NEW 200 AMP SERVICE ENTRANCE WIRE IN GALVANIZED STEEL CONDUIT EXTENDING FROM NEW METER BOARD TO NEW PANEL BOARD IN MODULAR UNIT
- 3A FURNISH AND INSTALL LIGHT FIXTURE; JUNCTION BOX INSTALLED AND WIRING STUBBED AT BOX BY MODULAR HOUSE BUILDER
- 3B FURNISH AND INSTALL LIGHT FIXTURE, MOUNTING ACCESSORIES, JUNCTION BOX, AND WIRE TO STUBBED WIRE PIGTAIL BY MODULAR BUILDER WHERE INDICATED.
- 3C LIGHT FIXTURE BY MODULAR BUILDER, CONNECT TO ONSITE SWITCH
- 4 MOUNT SWITCHES ABOVE 100 YEAR FLOOD ELEVATION OF 12.0' (NAVD 88). ROUTE WIRE IN E.M.T. FROM SWITCH/BOX TO UNDERSIDE OF HOUSE ALONG WALL/PIER. INSTALL JUNCTION BOX AT UNDERSIDE OF FIRST FLOOR
- 5 MOUNT RECEPTACLES BENEATH HOUSE ABOVE 100 YEAR FLOOD ELEVATION OF 12.0' (NAVD 88). ROUTE WIRE IN E.M.T. FROM RECEPTACLE/BOX TO UNDERSIDE OF HOUSE ALONG WALL/PIER AND INSTALL JUNCTION BOX AT UNDERSIDE OF HOUSE. INSTALL OUTDOOR RECEPTACLE COVER.
- 6 INSTALL ENVIRONMENTAL ONE CONTROL ALARM PANEL/ALARM DEVICE ABOVE 100 YEAR B.F.E. ON PIER BENEATH HOUSE. WIRE TO DEDICATED 30 AMP - 2 POLE BREAKER IN PANEL BOARD
- 7 BURIED POWER AND ALARM WIRE TO E-ONE PUMP STATION. SEE CIVIL DRAWINGS. INSTALL CABLE WIRE IN 2" P.V.C. CONDUIT BURIED MINIMUM 24" BELOW FINISHED GRADE
- 8 GROUND PANEL BOARD IN MODULAR BUILDING. INSTALL MIN 1-1/4" P.V.C. CONDUIT ON STRUCTURAL PIER FOR GROUNDING CONDUCTOR TO REBAR IN FOUNDATION AND TO GROUND ROD PER N.E.C.

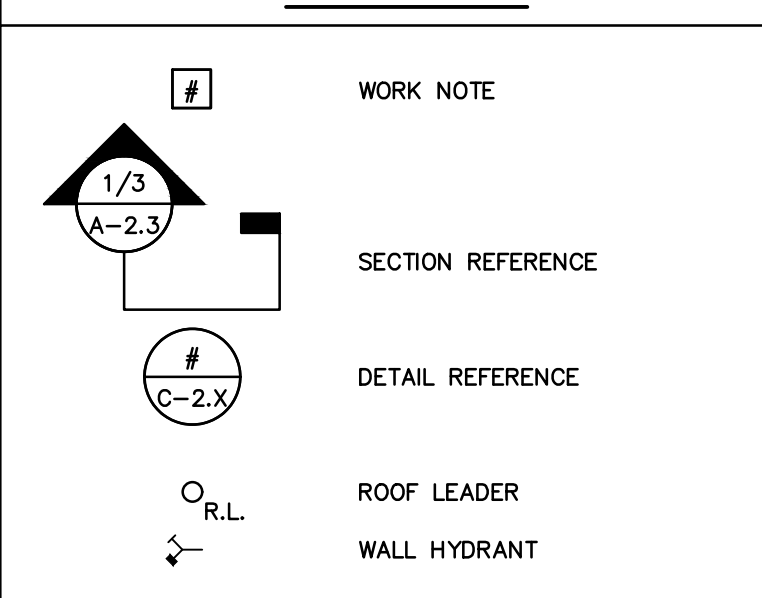
HATCH LEGEND



LINETYPE LEGEND

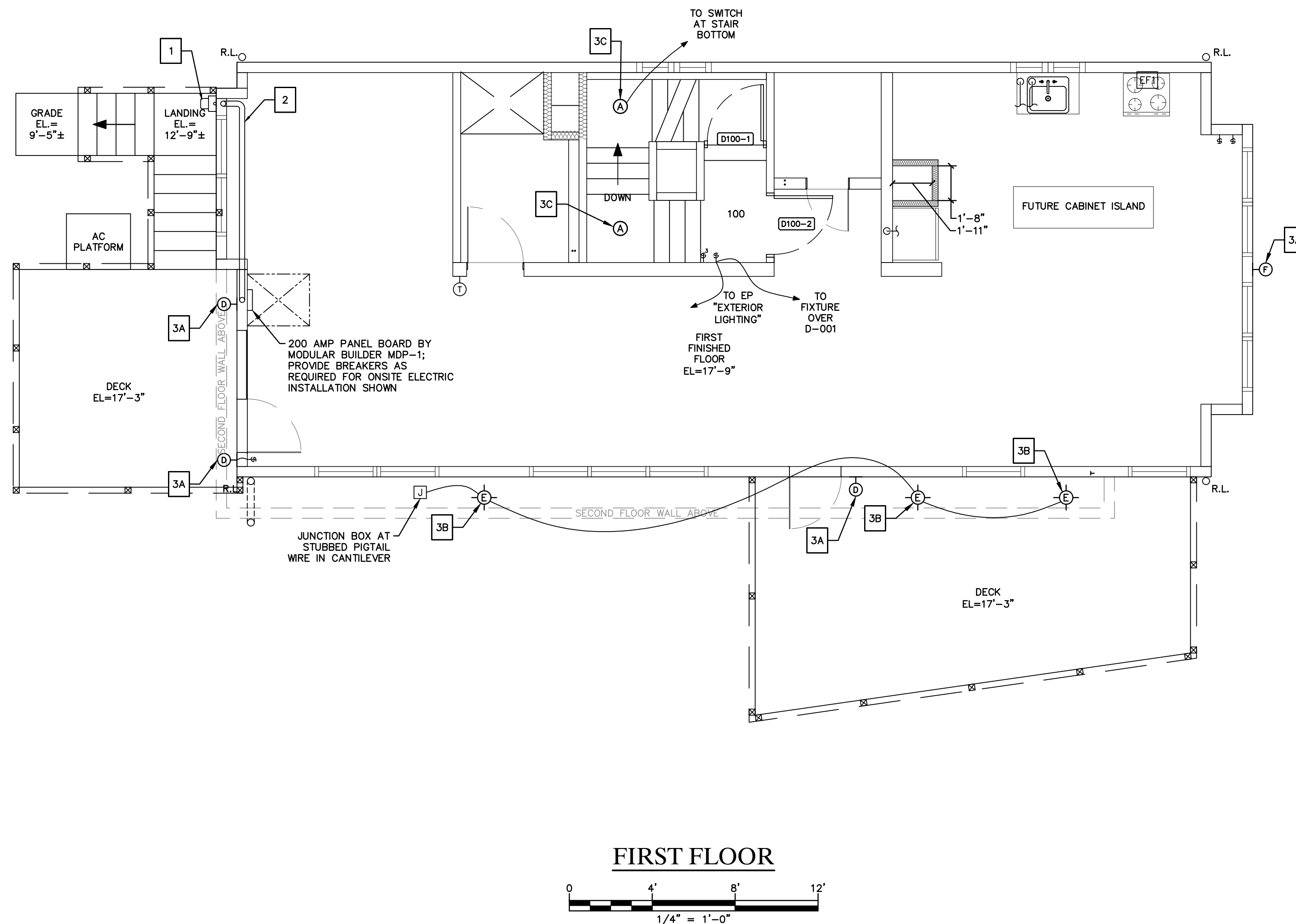


LEGEND

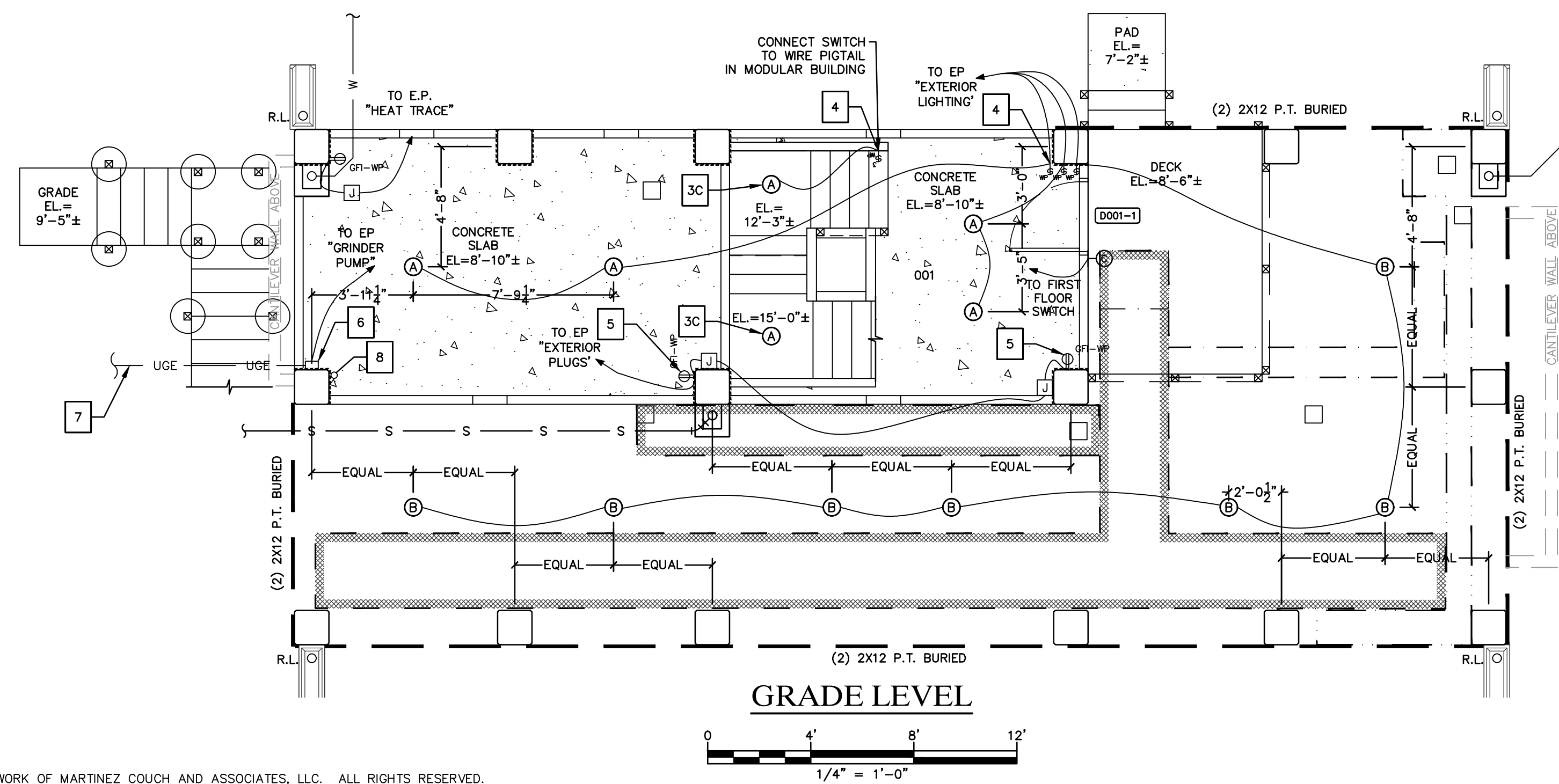
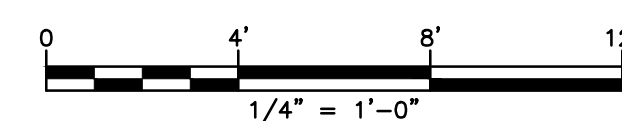


ELECTRICAL LEGEND

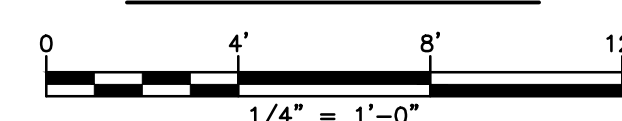
(A)	LITHONIA FMSATL 13 14840 BZA M4	(MD)	MOTION DETECTOR
(B)	LITHONIA OLCFM 15 DDB	(CO)	COMBINATION HARD WIRED SMOKE AND CARBON MONOXIDE DETECTOR
(C)	MAXIMUS SPL08-07A1WW-ORB	(D)	DUPLEX RECEPTACLE
(D)	PROGRESS LIGHTING EAST HAVEN P6077-3130K	(240V)	240 VOLT DUPLEX RECEPTACLE
(E)	LITHONIA WF4 LED 40K ORB	(GFCI)	GFCI DUPLEX RECEPTACLE
(F)	LITHONIA OVFL LED 40K 120 DDBHP17	(S)	SWITCHED RECEPTACLE
(G)	HALO MODEL H27ICAT WITH HALO MODEL 310W BAFFLE AND TRIM RING	(WP)	WATERPROOF RECEPTACLE
(H)	ELECTRIC METER AND METER CAN	(SW)	SWITCH
(J)	JUNCTION BOX	(3)	SWITCH, THREE WAY
(EF1)	BROAN 46000 SERIES CONVERTIBLE RANGE HOOD, STAINLESS STEEL	(4)	SWITCH, FOUR WAY
(EF2)	BROAN MODEL 678 50 CFM SONES 2.5	(WP)	SWITCH, WATERPROOF
		(DM)	SWITCH, DIMMER



FIRST FLOOR



GRADE LEVEL



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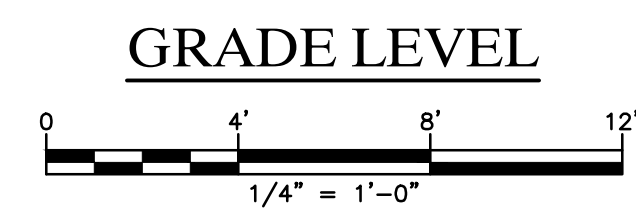
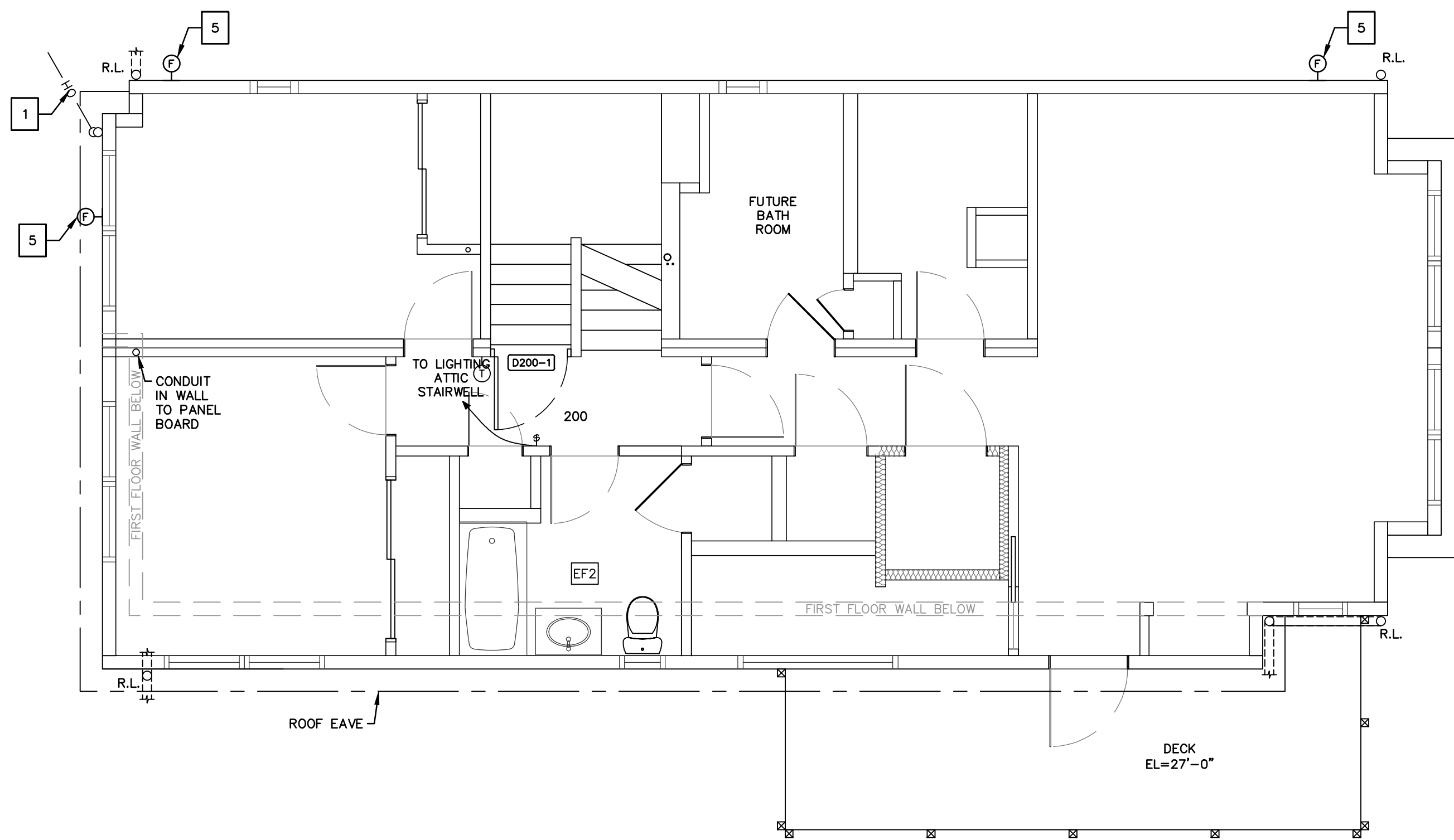
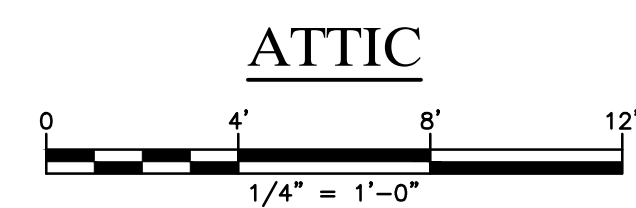
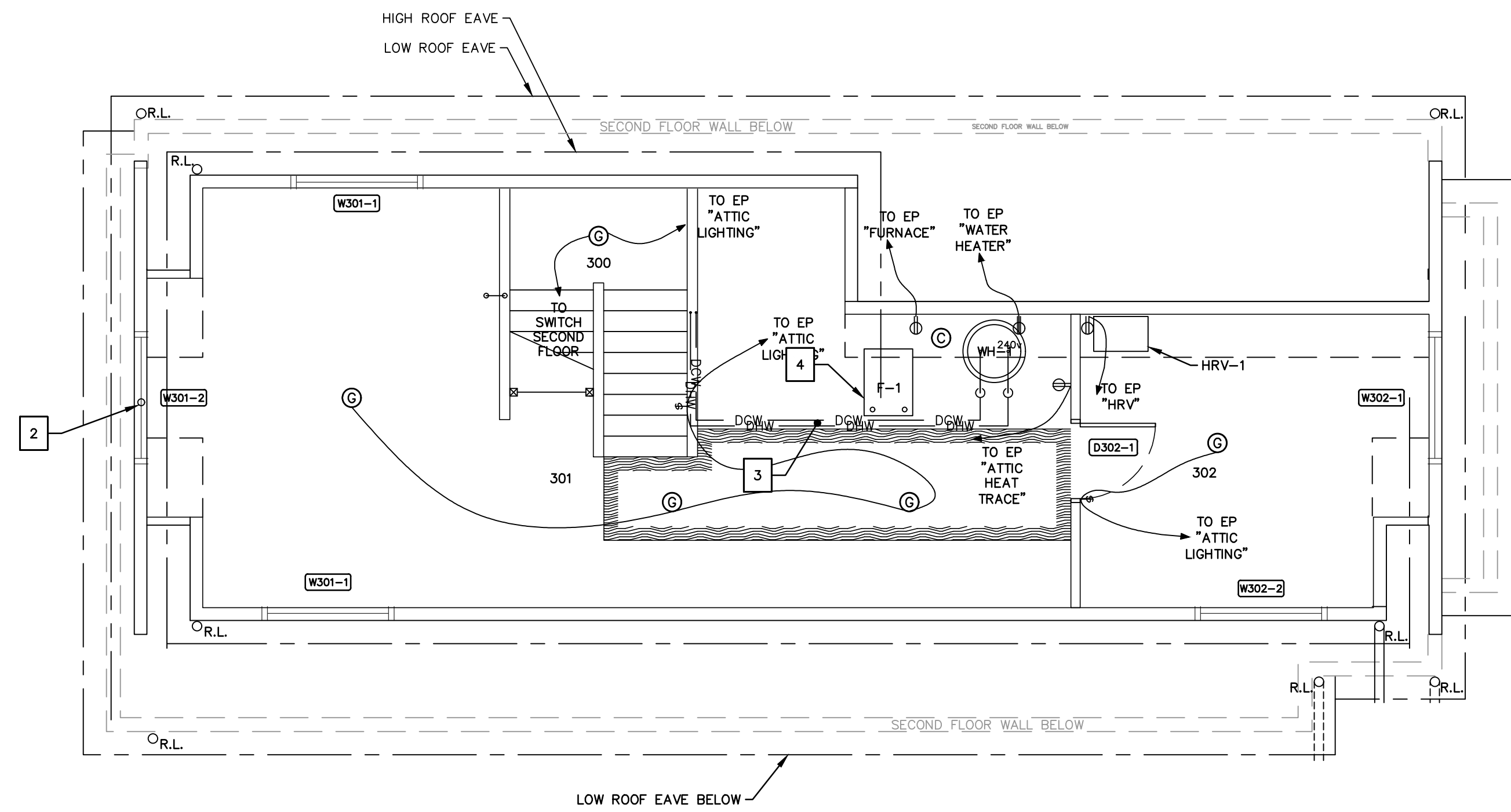
PROJECT 1247
12 JACOB STREET
NORWALK, CONNECTICUT 06853

**ISSUED FOR BID
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
2	2/18/19	ISSUED FOR BIDDING		MBR	MBR
1	12/17/18	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR
DRAWN: RTC		CHECKED: MBR	APPROVED: REC	SCALE: 1/4" = 1'	DATE: 12/17/18

**ELECTRICAL
PLAN - 1**

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	E-1.0



BUILDING UTILITY GENERAL NOTES

1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
3. IT IS THE PROJECT INTENT TO TURN OVER COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS TO THE OWNER FOR FINAL ACCEPTANCE OF PROJECT WORK.
4. FINAL PAYMENT WILL NOT BE PROCESSED WITHOUT SUBMITTAL OF ALL TESTING REPORTS OR EVIDENCE THEREOF FOR COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS, AS REQUIRED BY CONTRACT SPECIFICATIONS AND AUTHORITIES HAVING JURISDICTION.
5. ALL BUILDING PENETRATIONS TO BE SEALED WITH INTUMESCENT FIRE STOP PUTTY, HTLI FS-ONE OR APPROVED EQUAL. ALL FINISHES TO BE PATCHED TO MATCH EXISTING ADJACENT CONDITIONS.
6. ANY SPECIAL REQUIREMENTS OR CONDITIONS OF UTILITY PROVIDERS FOR FOR UTILITY SERVICE RECONNECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MARTINEZ COUCH AND ASSOCIATES PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND TO THE PROPERTY OWNER'S SATISFACTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
6. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD83.

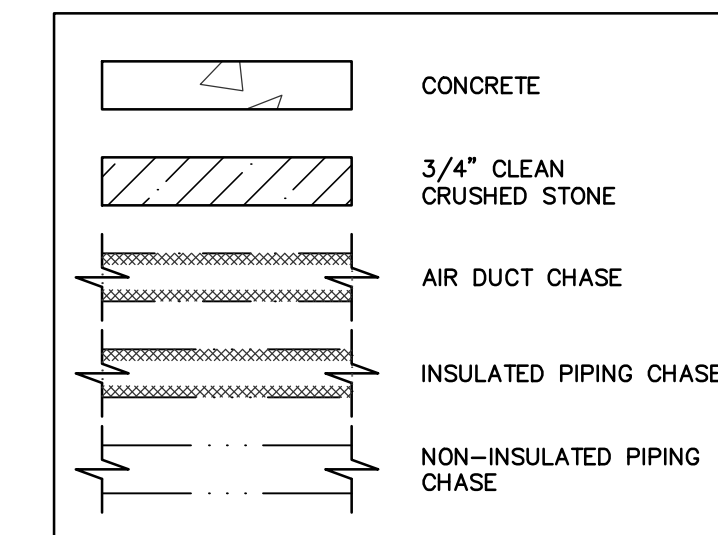
ELECTRICAL GENERAL NOTES

1. ELECTRICAL PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING ELECTRICAL SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
2. INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2018 STATE OF CONNECTICUT BUILDING CODE AMENDMENT, 2014 NATIONAL ELECTRIC CODE, AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
4. NEW CIRCUITS SHALL BE WIRED WITH TYPE NMC CABLE UNLESS OTHERWISE NOTED OR REQUIRED BY CODE OR AUTHORITIES HAVING JURISDICTION.
5. PROVIDE SEPARATE GROUND WIRE AND NEUTRAL WIRE FOR EACH CIRCUIT.
6. MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
7. ALL MATERIALS SHALL BE UL LISTED AND LABELED FOR THE INTENDED APPLICATION.
8. ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
9. RECEPTACLES SHALL BE 20 AMP, 120 VOLT UNLESS OTHERWISE INDICATED.
10. WALL SWITCHES SHALL BE SINGLE POLE 20 AMP 120 VOLT UNLESS OTHERWISE INDICATED.
14. CUTTING AND PATCHING OF MODULAR HOME CONSTRUCTION TO BE COMPLETED AS REQUIRED FOR COMPLETE ELECTRICAL INSTALLATION.

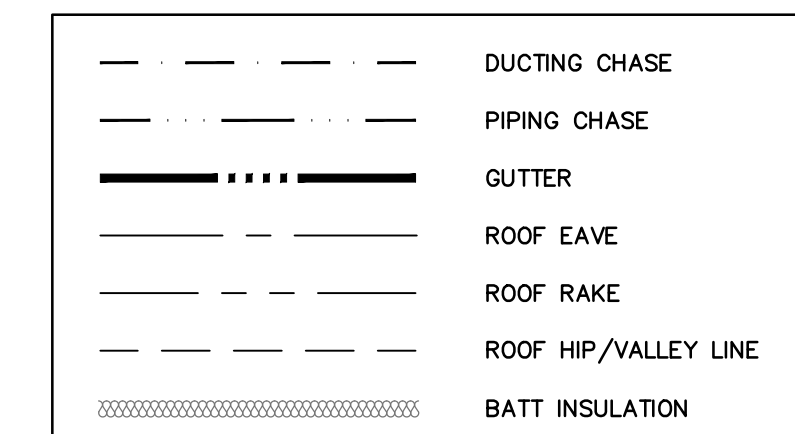
KEY NOTES (THIS SHEET)

- 1 FURNISH AND INSTALL NEW ELECTRIC METER, BYPASS METER SOCKET, AND DISCONNECT. FURNISH AND INSTALL GALVANIZED RIGID CONDUIT SERVICE MAST WITH WEATHER HEAD AND SERVICE WIRE READY FOR CONNECTION TO OVERHEAD SERVICE FROM UTILITY PROVIDER.
- 2 ROUTE ALL ATTIC WIRING TO CONDUIT IN WALL COORDINATED WITH MODULAR BUILDER; CONDUIT BY MODULAR BUILDER FROM ATTIC LEVEL TO FIRST FLOOR; ROUTE ALL ATTIC ELECTRICAL WIRING TO PANEL BOARD ON FIRST FLOOR IN CONDUIT
- 3 HEAT TRACE DOMESTIC WATER LINES IN ATTIC SPACE
- 4 HEAT TRACE CONDENSATE DRAIN LINES FROM FURNACE (F-1) AND HRV-1
- 5 FURNISH AND INSTALL LIGHT FIXTURES AT JUNCTION BOXES IN MODULAR STRUCTURE
- 6 COMPLETE ELECTRICAL INSTALLATION IN ATTIC LEVEL AS SHOWN ON PLANS

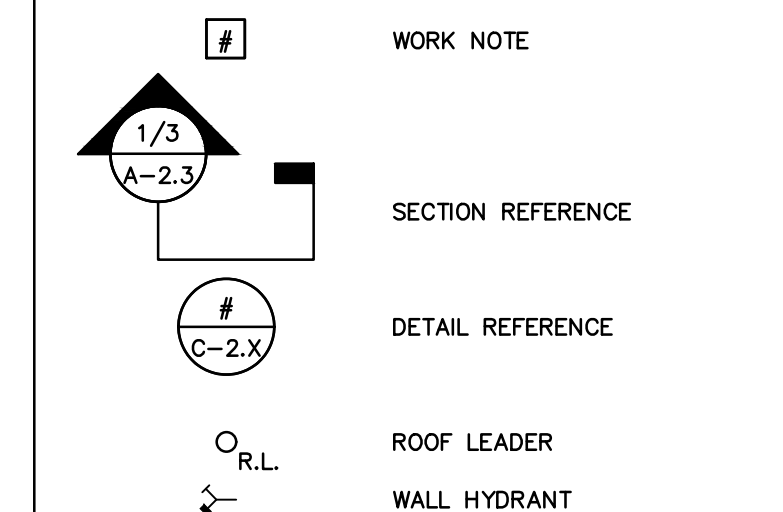
HATCH LEGEND



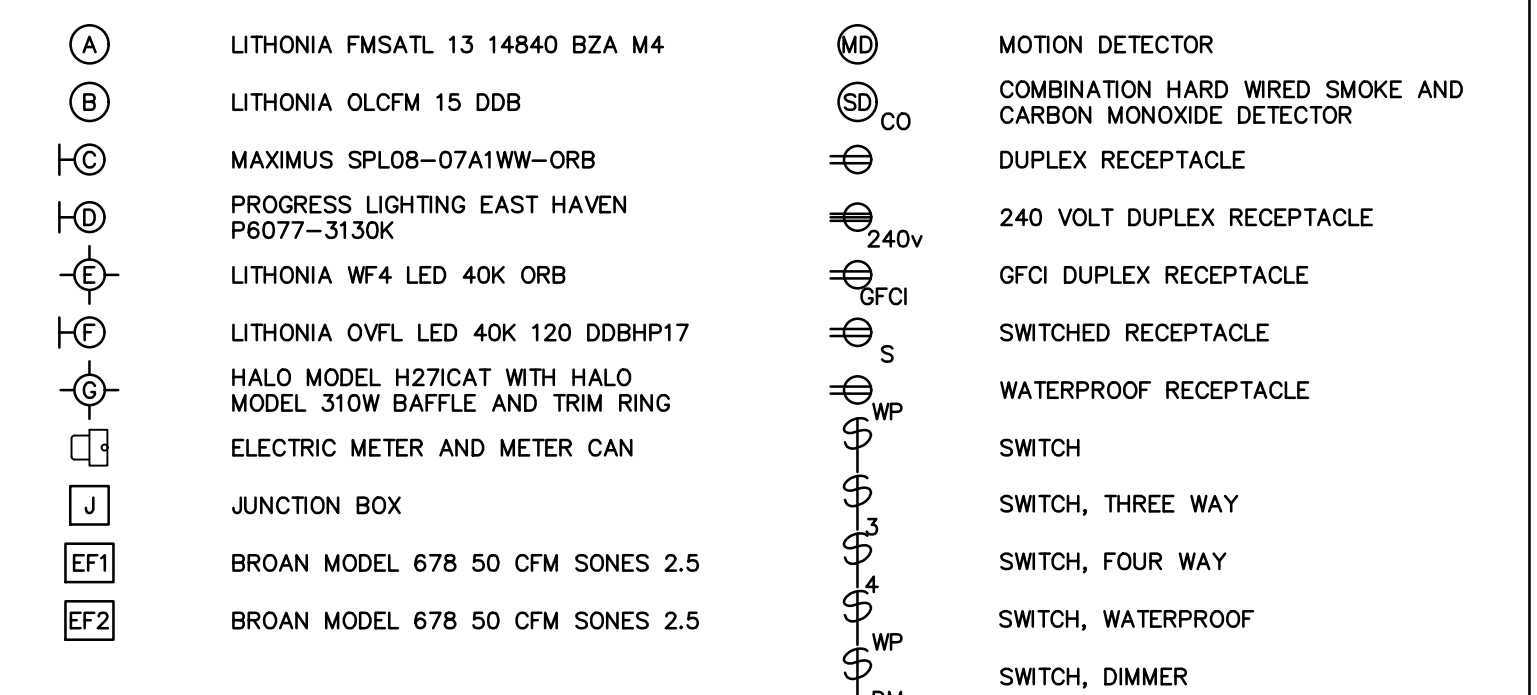
LINETYPE LEGEND



LEGEND



ELECTRICAL LEGEND



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ELECTRICAL PLAN - 2

JOB NO.	DRAWING NUMBER	SHEET
33-262-1247	33-262-1247-BASE.dwg	E-1.1