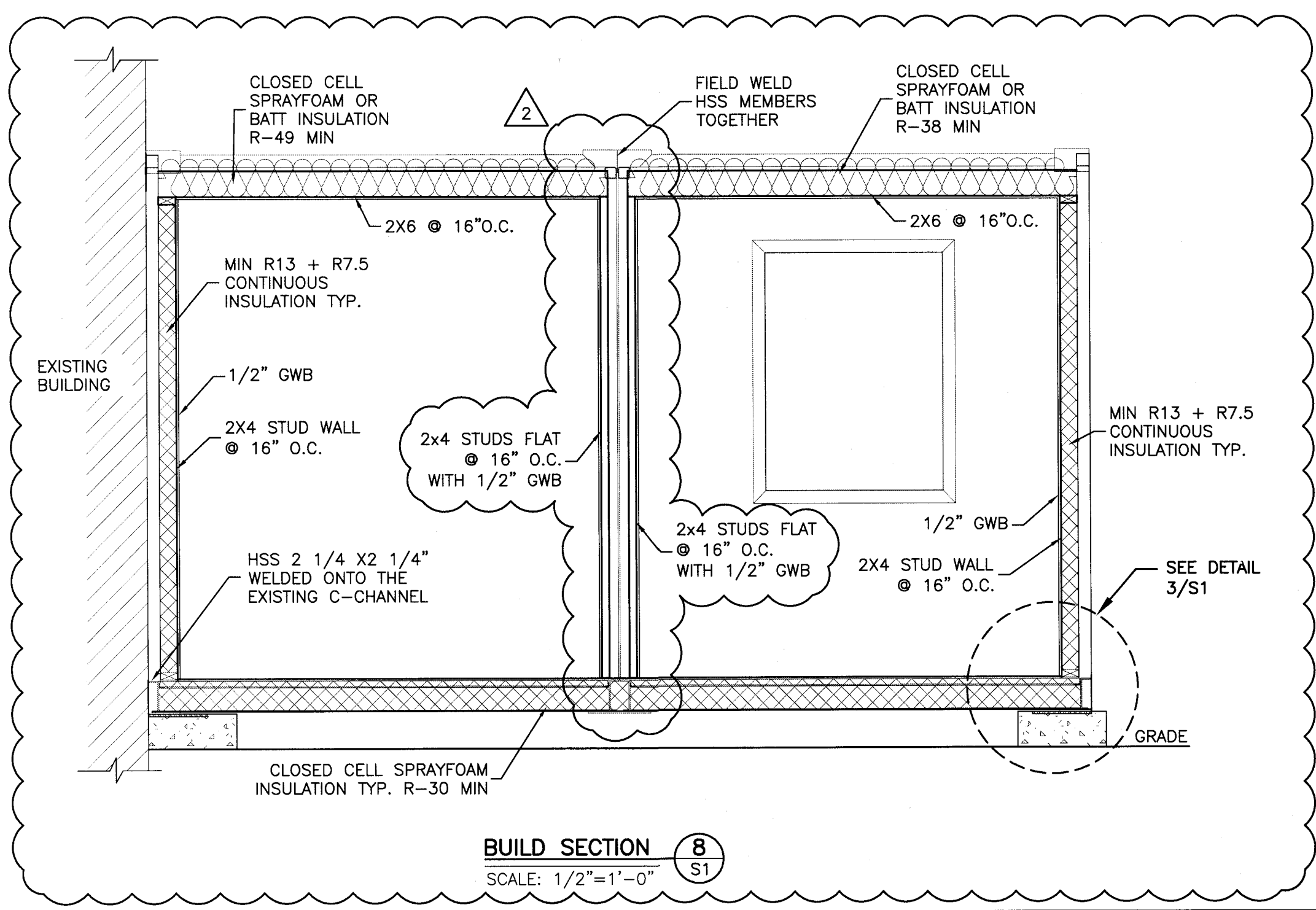
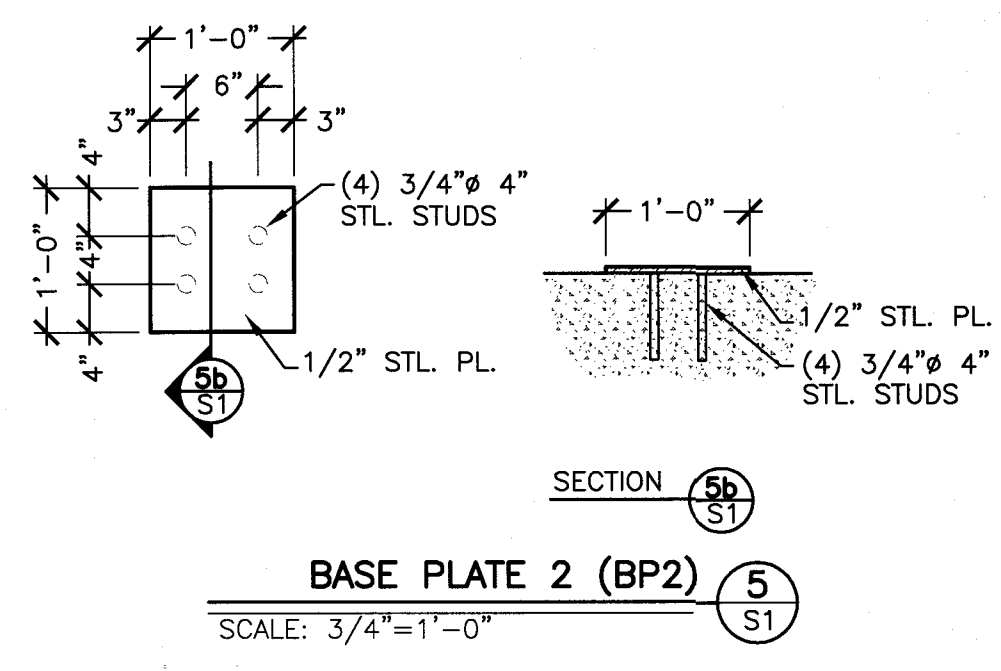
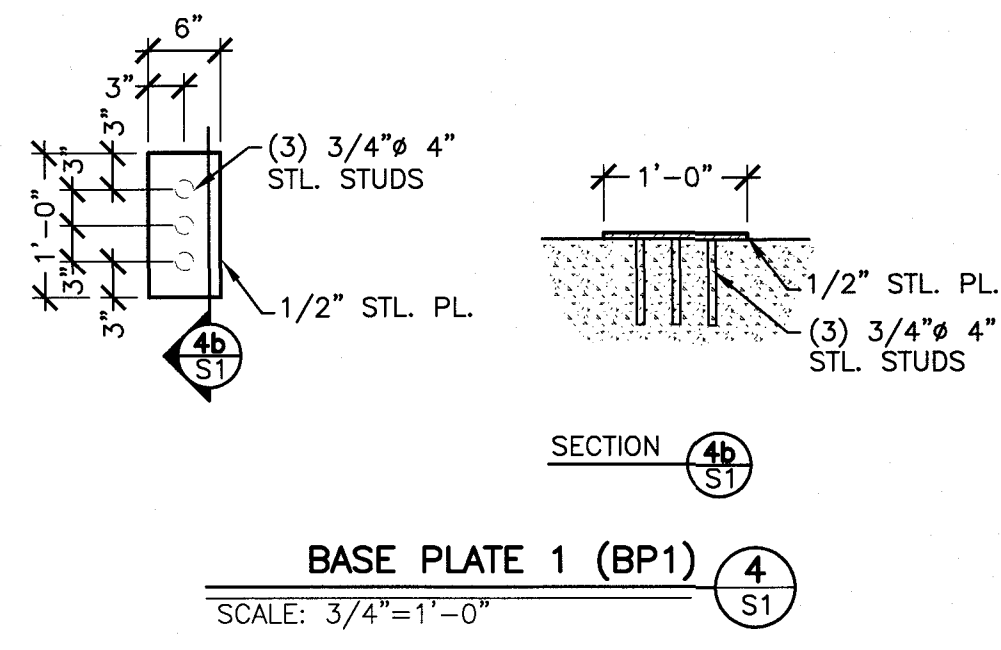
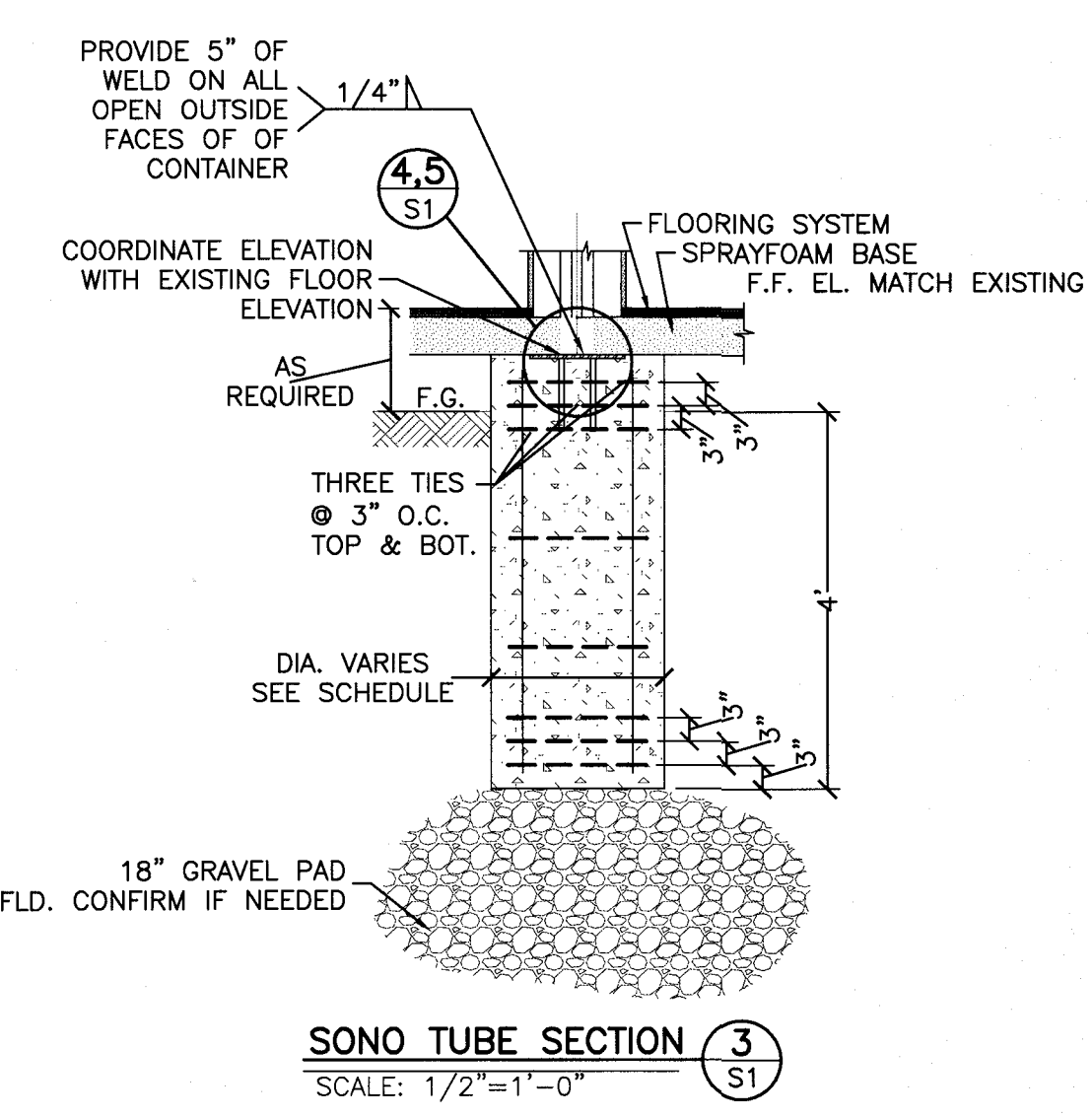
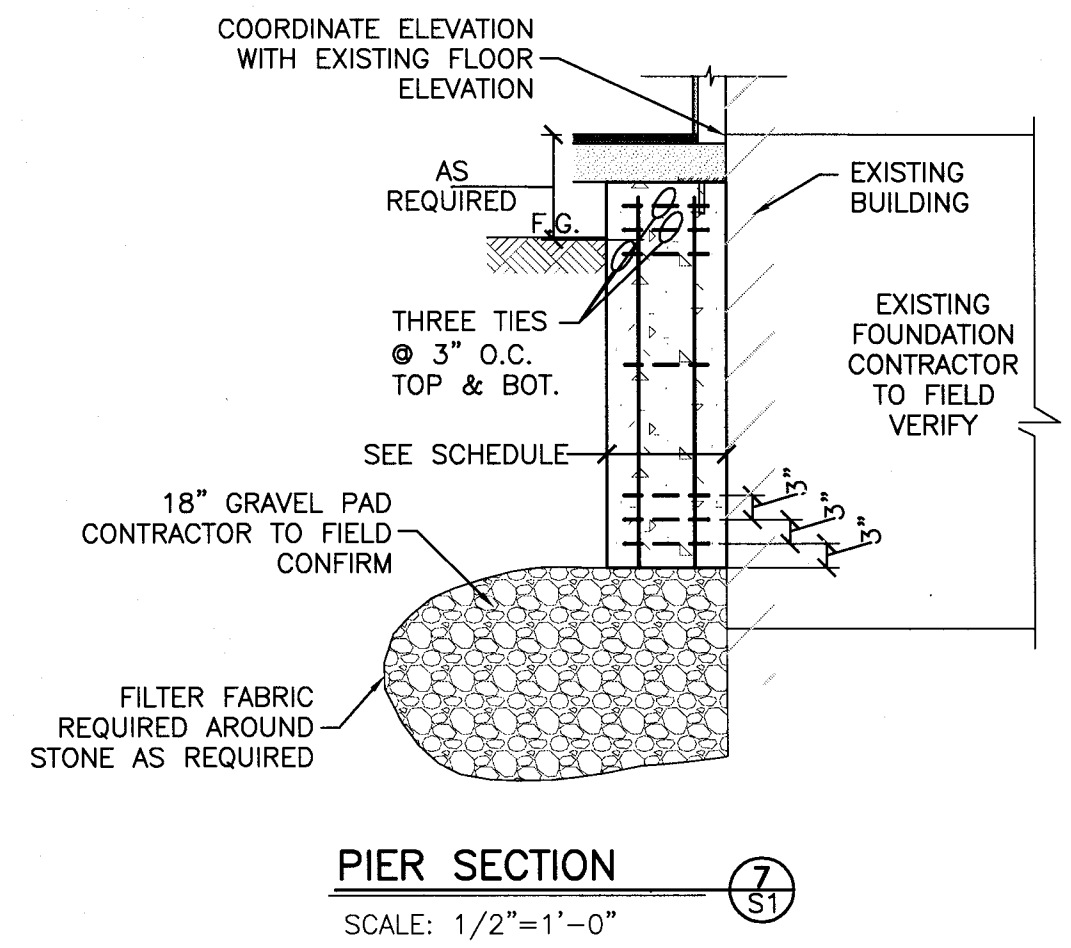
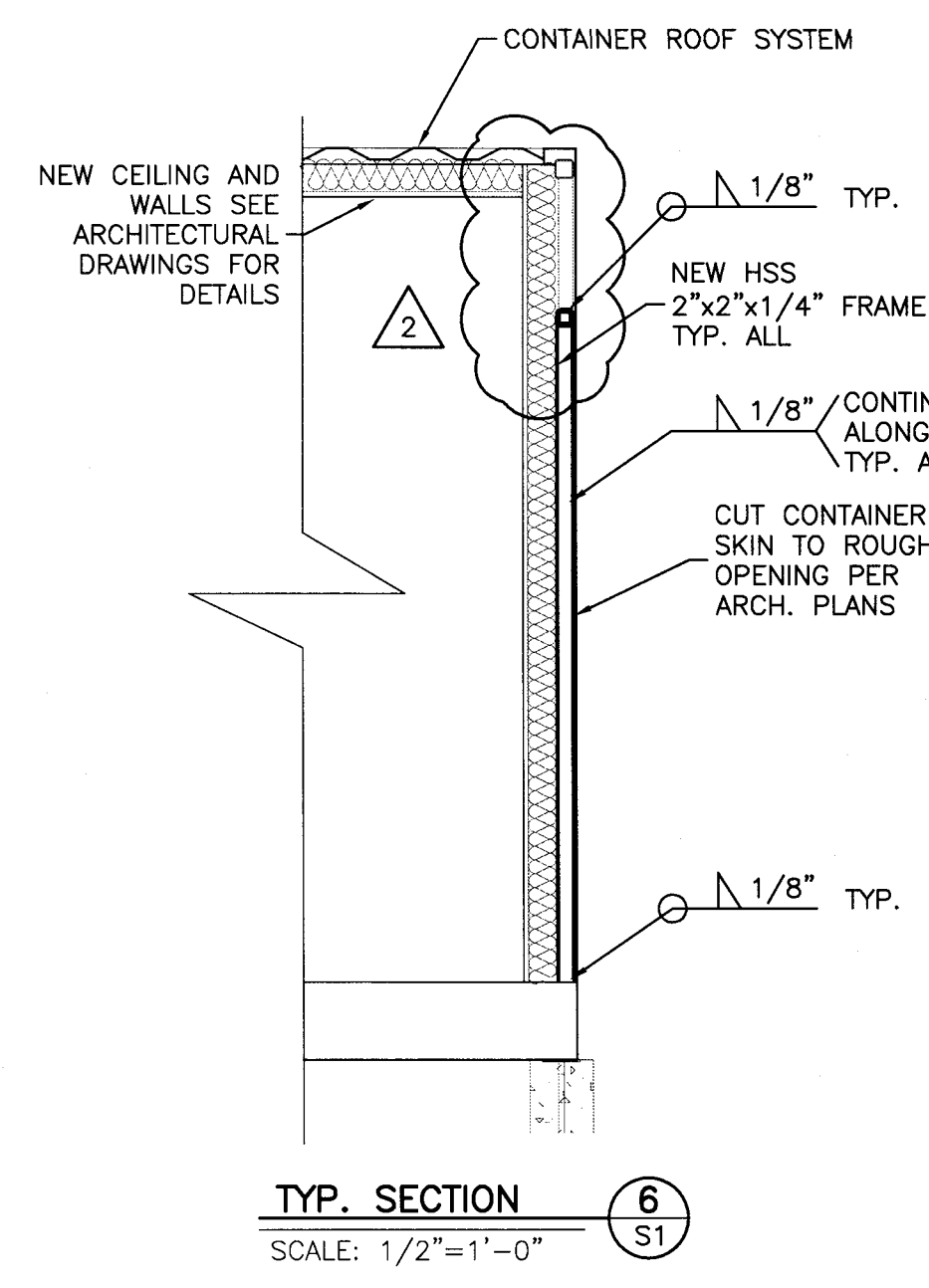


Flg. Mark	Pier Size W D	Pier Reinf.	Plate Mark	Plate Size W D	Plate Reinf.
P1	18"Øx4'-0"	4-#5's w/ #3 TIES @ 10" O.C.	BP1	1'-0"x0'-6"	(3) 3/4" STUDS 4" LONG
P2	24"Øx4'-0"	4-#5's w/ #3 TIES @ 10" O.C.	BP2	1'-0"x1'-0"	(4) 3/4" STUDS 4" LONG
P3	1'-3"x1'-3"x4'-0"	4-#5's w/ #3 TIES @ 10" O.C.	BP3	1'-0"x0'-6"	(3) 3/4" STUDS 4" LONG



\*NOTE: SECTION FROM PREVIOUS SHEET S3

**GENERAL NOTES**

- CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS; REPORT ANY DISCREPANCIES TO STRUCTURAL ENGINEER OF RECORD BEFORE PROCEEDING WITH WORK.
- CONSTRUCTION SHALL FOLLOW THE MAINE UNIFORM BUILDING ENERGY CODE (MUBEC).
- STRUCTURAL SYSTEMS AND COMPONENTS DESIGN SHALL FOLLOW THE INTERNATIONAL RESIDENTIAL CODE, 2015 EDITION.
- PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE.
- CONTRACTOR IS RESPONSIBLE FOR ADEQUATE BRACING OF STRUCTURAL MEMBERS, WALLS, AND NON STRUCTURAL ITEMS DURING CONSTRUCTION.
- ALL STRUCTURAL COMPONENTS AND SYSTEMS SHALL BE DESIGNED FOR SELF WEIGHT, SUPERIMPOSED DEAD LOADS, CONCENTRATED LOADS SHOWN ON PLANS, AND THE LIVE LOADS.
- ALL REFERENCED STANDARDS REFER TO LATEST EDITION.

**DESIGN LOADS**

- ROOF**  
DEAD LOAD: PER COMPONENTS USED (12 PSF)  
COLLATERAL LOAD (MECH/ELEC): 0 PSF
- FLOOR LIVE LOADS:**  
FLOOR: 50 PSF. MAX.
- SNOW LOAD:** (BASED ON ASCE 7-05)  
GROUND SNOW LOAD (Pg): 40 PSF  
EXPOSURE FACTOR (Ce): 1.00  
SNOW LOAD IMPORTANCE FACTOR (I): 1.00  
ROOF THERMAL FACTOR - (Ci): 1.0
- WIND LOAD:** (BASED ON ASCE 7-05)  
BASIC WIND SPEED: 90 MPH  
IMPORTANCE FACTOR (I): 1.0  
EXPOSURE: B

**FOUNDATION/CONCRETE NOTES:**

- REMOVE ALL UNSUITABLE SOILS BENEATH THE BUILDING AS RECOMMENDED BY THE ENGINEER OF RECORD.
- ALL BUILDING FOOTINGS ARE TO BE FOUNDED ON UNDISTURBED NATURAL GROUND, CLEAN SOUND LEDGE OR COMPACTED STRUCTURAL FILL MATERIAL CAPABLE OF SAFELY SUPPORTING A SPECIFIED DESIGN BEARING PRESSURE OF 3,000 POUNDS PER SQUARE FOOT.
- ALL FOUNDATION WORK SHALL BE CARRIED OUT UNDER THE DIRECTION OF THE ENGINEER OF RECORD. IF SOFT OR UNSUITABLE IN-SITU MATERIALS ARE ENCOUNTERED THE ENGINEER OF RECORD SHALL BE NOTIFIED AND CORRECTIVE ACTION SHALL BE TAKEN AS DIRECTED.
- SOIL COMPACTION UNDER FOOTINGS SHALL TO 95% OF SOIL COMPACTY.
- CENTER ALL FOOTINGS UNDER THEIR RESPECTIVE COLUMNS OR WALLS, UNLESS OTHERWISE SHOWN ON PLANS.
- CONSTRUCT FOOTINGS AT LOWER ELEVATION THAN INDICATED ON DRAWINGS IF REQUIRED BY ENGINEER OF RECORD TO REACH FIRM UNDISTURBED SOIL.
- STRUCTURAL CONCRETE SHALL CONFORM TO ACI 301, ACI 305 AND ACI 306.1. FOUNDATIONS SHALL HAVE 3000 PSI COMPRESSIVE STRENGTH IN 28 DAYS
- STRUCTURAL CONCRETE REINFORCEMENT SHALL CONFORM TO ACI 301 AND CRSI 63, 65, AND MANUAL OF PRACTICE. REINFORCEMENT SHALL BE ASTM A615/A615M, 60 KSI YIELD GRADE; DEFORMED BILLET STEEL BARS, PLAIN FINISH
- CONCRETE TESTING SHALL BE THE FOLLOWING, TAKE ONE SET OF 3 CYLINDERS FOR EVERY FIFTY CUBIC YARDS OF CONCRETE AND ONE SET OF THREE FOR ALL POURS LESS THAN FIFTY CUBIC YARDS (PER ASTM STANDARDS) (IF REQUIRED BY THE OWNER)  
ONE (1) SLUMP TEST: TAKEN FOR EACH SET OF TEST CYLINDERS TAKEN.  
ONE (1) AIR CONTENT TEST: PERFORMED FOR EACH SET OF TEST CYLINDERS TAKEN.

**FRAMING NOTES:**

- ALL ANCHOR BOLTS SHALL BE ASTM A307. ALL BOLT HOLES TO BE 1/16" LARGER THAN BOLT.
- ALL MEMBERS IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- FRAMING: STRESS GROUP D, SPRUCE-PINE-FIR (S/P/F) SPECIES, GRADE NO. 2 OR BETTER, 19 PERCENT MAXIMUM MOISTURE CONTENT

**PLYWOOD FRAMING NOTES:**

- PLYWOOD SHALL BE IDENTIFIED WITH GRADE-TRADEMARK OF APA AND MEET REQUIREMENTS OF PRODUCT STANDARD PS 1.

**STRUCTURAL STEEL NOTES**

- ALL STEEL MEMBER CONNECTION DETAILS SHALL BE DESIGNED FOR THE MAXIMUM ALLOWABLE MEMBER SHEAR, UNLESS NOTED OTHERWISE.
- ALL WORK SHALL BE DONE IN ACCORDANCE w/ AISC "MANUAL OF STEEL CONSTRUCTION" - THIRTEENTH EDITION.
- ALL WELDING SHALL BE IN ACCORDANCE w/ THE LATEST EDITION OF THE "STRUCTURAL WELDING CODE".
- SHOP PAINT ALL NON-GALVANIZED STEEL WITH RED OXIDE PRIMER, MINIMUM DRY FILM THICKNESS 2 MILS
- ALL STEEL COMPONENTS SHALL BE OF THE FOLLOWING TYPES.  
A. STRUCTURAL STEEL SHAPES: ASTM A992  
B. PLATES, AND BARS: ASTM A36  
C. COLD-FORMED STEEL TUBING: ASTM A500, GRADE B.  
D. ANCHOR BOLTS SHALL BE: ASTM A307, GRADE A, REGULAR LOW-CARBON STEEL BOLTS AND NUTS; PROVIDE HEXAGONAL HEADS AND NUTS FOR ALL CONNECTIONS.
- SHOP FABRICATE LARGEST COMPONENTS POSSIBLE.

**METAL FABRICATION**

- WELDING MATERIALS: AWS D1.1.
- SHOP AND TOUCH-UP PRIMER: SSPC 15, TYPE 1, RED OXIDE.

PROJECT NAME: RORY BUILDING ADDITION  
PROJECT NO.: 17285  
DRAWING NO.: 17285S  
FIELDBOOK:  
SCALE:  
DATE ISSUED: MAR. 02, 2018  
DATE: 05/03/18

DESIGNED: NEH  
DRAWN: RGM  
CHECKED: KGE  
APPROVED: KGE  
PLAN DATE: MAR. 02, 2018  
CLIENT & OWNER: SNIPSPACE BUILDING BREWER, MAINE 04412

REVISIONS  
NO. 1 04/23/18 UPDATED SECTION & ELEVATION VIEWS  
NO. 2 04/27/18 DETAIL WALL CHANGES

APPROVED: KEITH EWING  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF MAINE  
LICENSE NO. 12315

DRAWINGS NOT TO BE USED FOR PERMANENT PURPOSES ONLY AND ARE NOT INTENDED FOR PERMITTING, BIDDING OR CONSTRUCTION

SHEET 1 OF 2

**S1**