

HEADER SCHEDULE			
MARK	SIZE	LEVEL	JAMB
H1	(3)2x6	ROOF 4 3	(1)2x6 KING & (1)2x6 JACK (1)2x6 KING & (1)2x6 JACK (1)2x6 KING & (2)2x6 JACK
H2	(3)2x10	ROOF 4 3	(1)2x6 KING & (2)2x6 JACK (1)2x6 KING & (2)2x6 JACK (1)2x6 KING & (3)2x6 JACK
H3	(3)2x12	ROOF 4 3	(2)2x6 KING & (2)2x6 JACK (2)2x6 KING & (2)2x6 JACK (2)2x6 KING & (3)2x6 JACK
H4	5 1/4x5 1/2 LVL	2	(1)2x6 KING & (2)2x6 JACK
H5	5 1/4x9 1/2 LVL	ROOF 4 3 2(INT WALL) 2(EXT WALL)	(1)2x6 KING & (1)2x6 JACK (1)2x6 KING & (1)2x6 JACK (1)2x6 KING & (2)2x6 JACK (1)2x6 KING & (3)2x6 JACK (2)2x6 KING & (2)2x6 JACK
H6	5 1/4x14 LVL	2	(3)2x6 KING & (3)2x6 JACK

**NOTES:**

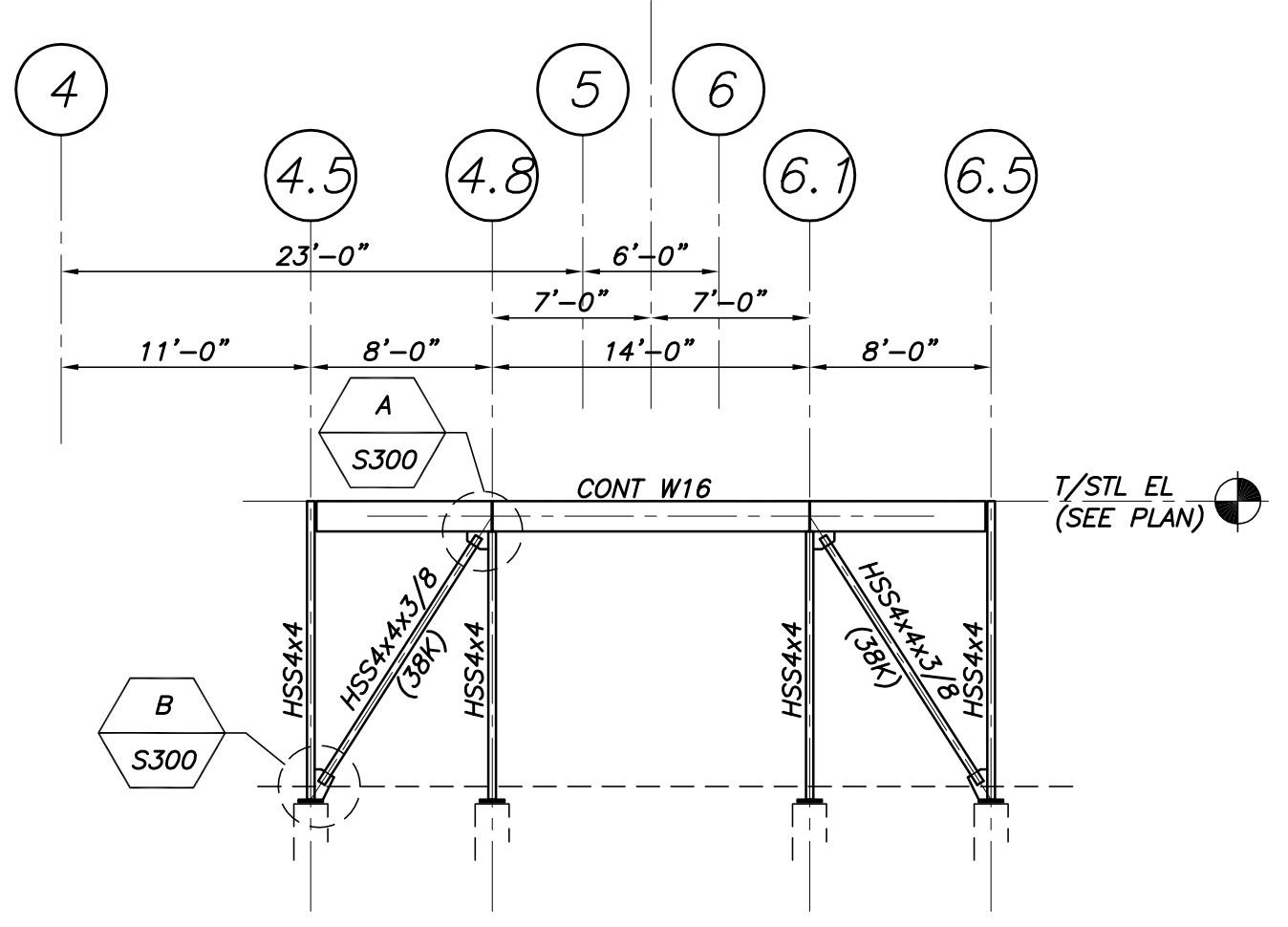
- SEE TYP HEADER DETAIL DWG S300 FOR ADDL INFO.
- IF MULTIPLE PLYS ARE USED TO PROVIDE SIZE SHOWN, PLYS SHALL BE FASTENED TOGETHER W/(2)-16d NAILS @12" O.C.
- EXT. HEADERS TO BE CONSTRUCTED AS BOX HEADERS, U.N.O.

**SECOND FLOOR FRAMING PLAN**

1/8"=1'-0"

**NOTES:**

- 1/2" SUBFLOOR ELEVATION 35'-1" U.N.O.
- 1/2" STL EL 34'-2" U.N.O.
- INDICATES SPAN DIRECTION OF 3/4" ADVANTECH T&G SHTG. STAGGER SHTG JOINTS. FASTEN TO FRAMING W/8d RING SHANK NAILS OR SPIRAL NAIL @ 6" O.C. AT SUPPORTED EDGES, 12" O.C. ELSEWHERE, PLUS CONSTRUCTION ADHESIVE.
- INDICATES WOOD FRAMED BEARING WALL. SEE DWG S103 FOR ADDL INFO.
- S.W.-X INDICATES SHEARWALL LOCATION. SEE SCHEDULE ON S103.
- PLACE ALL UTILITIES WITHIN TRUSS SPACES. DO NOT CUT OR ALTER TRUSSES.
- FLOOR TRUSSES TO BE DESIGNED FOR TC DL 15psf, BC DL 10psf, TC LL 40psf U.N.O.
- Hx INDICATES HEADER. SEE HEADER SCHED THIS DWG.
- BF-1 INDICATES STEEL BRACED FRAME. SEE ELEVATION THIS DWG.
- G.C. RESPONSIBLE FOR COORDINATING FRAMING LAYOUT W/ MECHANICAL AND PLUMBING CHASES, DROPS, ETC. TRUSS & STUD SPACING MAY BE MODIFIED AS REQD WHILE MAINTAINING MAXIMUM TRUSS SPACING INDICATED.
- EXTERIOR WALLS SHALL BE SHEATHED WITH 1/2" APA RATED SHEATHING NAILED WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, U.N.O. ON SHEARWALL SCHEDULE. BLOCK ALL PANEL EDGES.

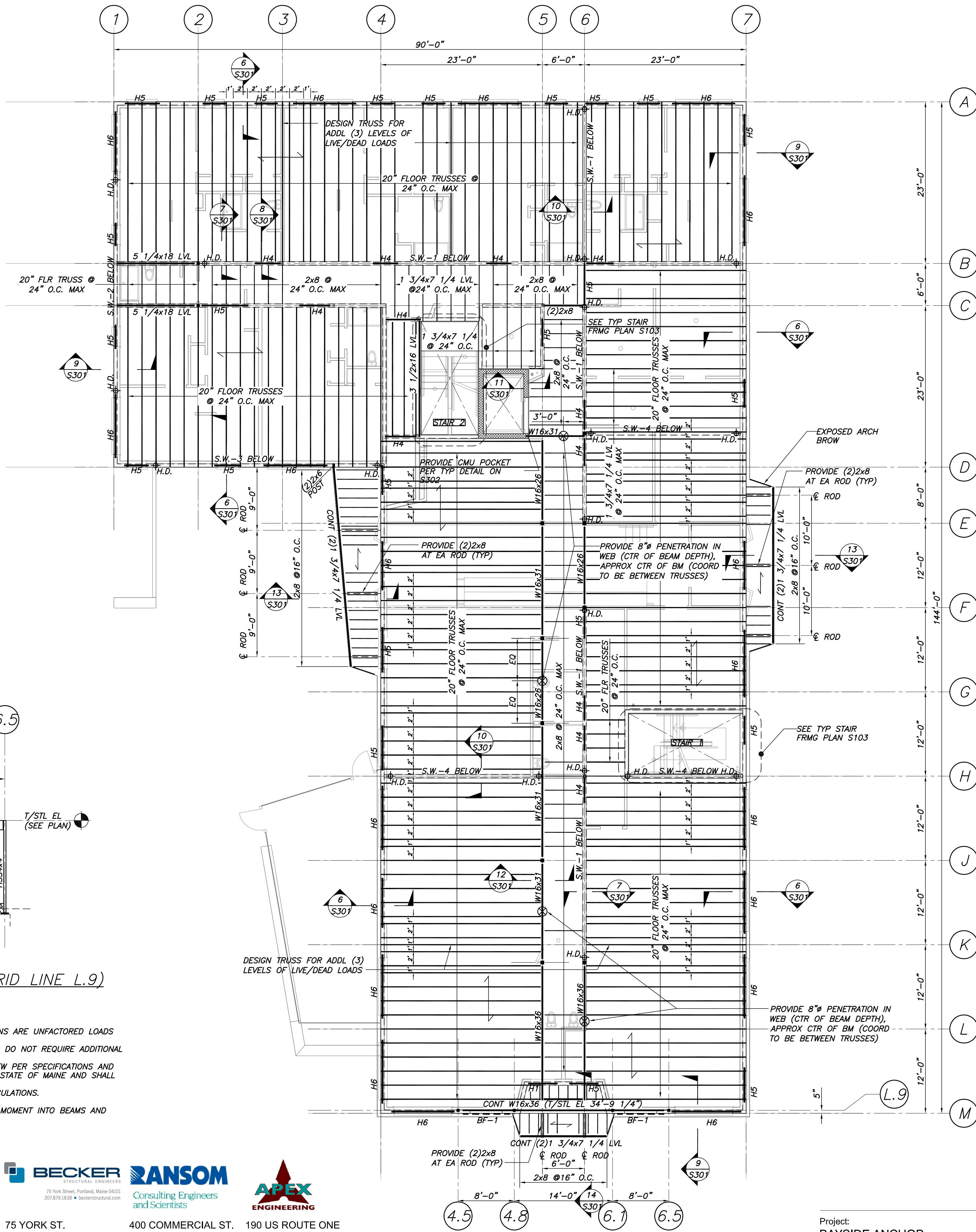


**BRACED FRAME ELEVATION BF-1 (GRID LINE L.9)**

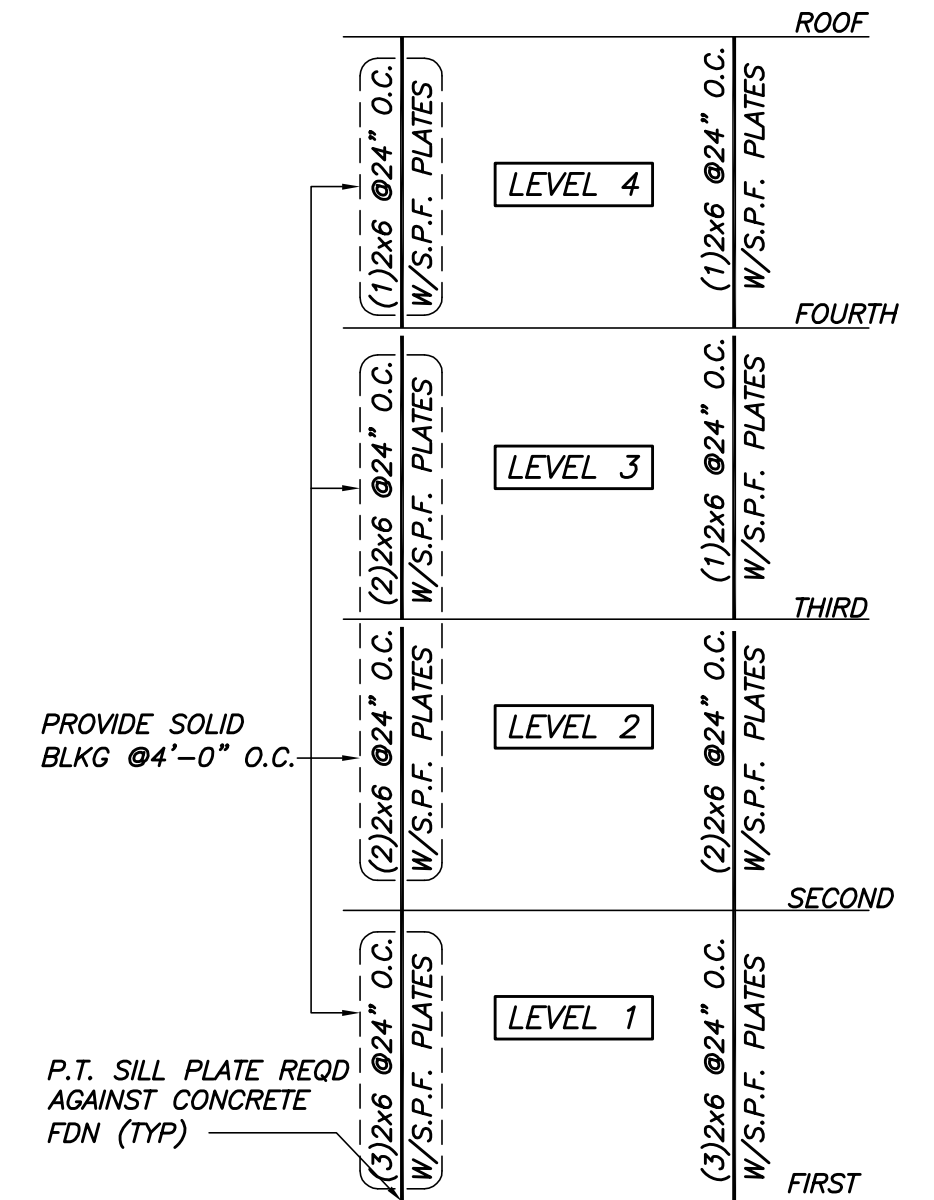
1/8"=1'-0"

**NOTES:**

- LOADS INDICATED ON BRACED FRAME AND MOMENT FRAME ELEVATIONS ARE UNFACTORED LOADS AND MAY ACT IN TENSION OR COMPRESSION.
- LOADS INDICATED HAVE BEEN GENERATED USING R=3. CONNECTIONS DO NOT REQUIRE ADDITIONAL OVERSTRENGTH FACTORS.
- CONNECTION DESIGN CALCULATIONS SHALL BE SUBMITTED FOR REVIEW PER SPECIFICATIONS AND SHALL BE STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF MAINE AND SHALL INCLUDE THE FOLLOWING:
  - GEOMETRY NECESSARY FOR UNIFORM FORCE METHOD CALCULATIONS.
  - ALL APPLICABLE FAILURE MODE CHECKS.
- BRACED FRAME CONNECTIONS SHALL BE DESIGNED TO NOT INDUCE MOMENT INTO BEAMS AND COLUMNS.



NOTE: ALL FRAMING OF WALLS IDENTIFIED ON STRUCTURAL DWGS SHALL BE CONSTRUCTED OF SPF #2 AS GRADED BY NLGA (NATIONAL LUMBER GRADES AUTHORITY) OR NELMA (NORTHEASTERN LUMBER MANUFACTURERS ASSOCIATION). SEE SPECIFICATION FOR MIN LUMBER STRENGTHS. SPF-S LUMBER GRADED BY NELMA IS NOT AN EQUIVALENT SUBSTITUTE



**TYP WALL STUD SCHEMATIC U.N.O. IN PLAN**

**NOTE:**

- THIS STUD CONFIGURATION TO BE USED AT ALL EXTERIOR WALLS & INTERIOR BEARING WALLS, U.N.O. ON PLAN.
- STUDS ARE REQD TO LINE UP DIRECTLY BELOW TRUSS BEARINGS & FLOOR-TO-FLOOR.
- MULTIPLE STUDS WITHIN WALL SHALL BE NAILED TOGETHER W/(2)ROWS OF 10d NAILS @8" O.C. (SEE NAIL DEFINITIONS ON DWG S101).
- PROVIDE FULL DEPTH SOLID BLOCKING AT ALL PLYWOOD EDGES (AT SHEARWALLS, MIN) OR AS SHOWN ABOVE.
- PER IBC SECTION 2308.9.2.1, BEARING AND EXTERIOR WALL STUDS SHALL BE CAPPED WITH DOUBLE TOP PLATES INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND AT INTERSECTIONS WITH OTHER PARTITIONS. END JOINTS IN DOUBLE TOP PLATES SHALL BE OFFSET AT LEAST 48" AND SHALL BE NAILED WITH NOT LESS THAN (8)16d FACE NAILS ON EACH SIDE OF THE JOINT.
- S.P.F. INDICATES SPRUCE-PINE-FIR. P.T. INDICATES PRESSURE TREATED LUMBER. SEE SPEC FOR ADDITIONAL INFORMATION.



**PRICING DOCUMENTS**

Project: BAYSIDE ANCHOR PHDC & Avesta  
81 East Oxford Street  
Portland, ME

Drawing: Second Floor Framing Plan  
Scale: Noted  
Date: 8/28/15  
Drawn by: APP  
Revised:

**S102**