CITY OF PORTLAND, MAINE
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 09/15/14

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GENERAL DESIGN NOTES.

DICATES SPAN DIRECTION OF 1½"-22GA TYPE B PAINTED ROOF DECK. ⅝"Ø PUDDLE WELDS IN 3⅝" PATTERN, (4) #10 TEK REW PER SPAN.

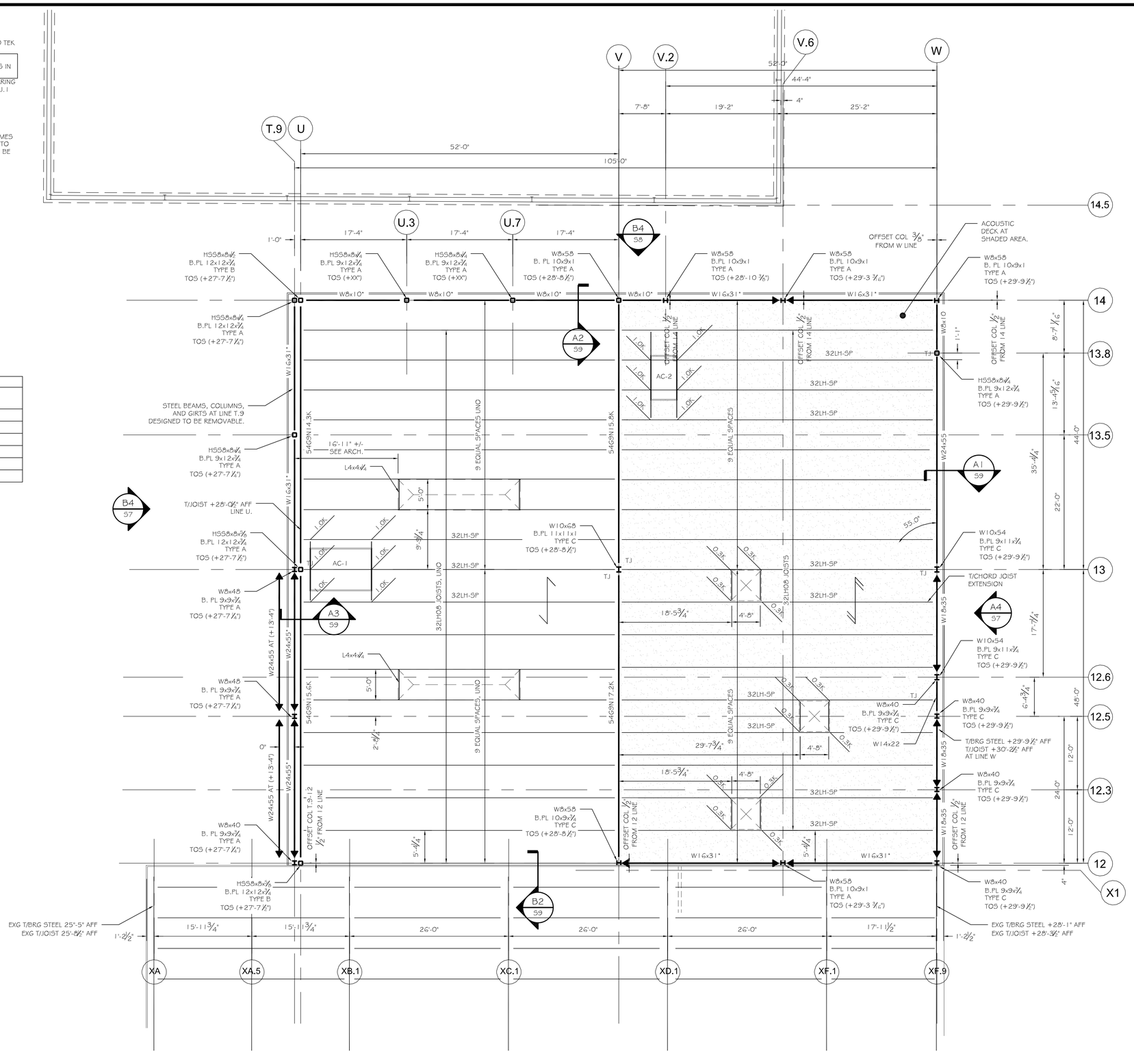
5-2:

DICATES SPAN DIRECTION OF 1½"-22GA TYPE BA ACOUSTICAL (NRC 0.6) PAINTED ROOF DECK. ⅝"Ø PUDDLE WELDS IN
4, (5) #10 TEK SIDELAP SCREW PER SPAN.

4. TOS (+X'-Y") INDICATES TOP OF BEARING STEEL REFERENCED FROM FIN. FIRST FLOOR ELEVATION 0'-0" = (83.5'). TOP OF BEARING STEEL DESIGNATED AT COLUMN CENTERLINE TYPICAL, UNLESS NOTED OTHERWISE (UNO). CONTRACTOR VERIFY TOS AT LINES J.1 AND M TO MATCH EXISTING ROOF HEIGHT AND SLOPE.
5. (*) INDICATES BEAM INSTALLED AT OPEN WEB JOIST HEIGHT.
6. SEE DWG S3 FOR MEZZANINE FRAMING.
7. EDGE OF DECK TO BE EXTERIOR EDGE OF PERIMETER BEAM FLANGE, TYP UNO.
8. ▶ INDICATES BEAM TO COLUMN MOMENT CONNECTION, SEE DET. B4/S4.
9. ALL ANGLES AT HVAC / ROOF PENETRATIONS TO BE L4x4x¼. CONTRACTOR VERIFY CLEARANCES FOR SHOP FABRICATED FRAMES WITH ACTUAL HVAC UNIT/EQUIPMENT PURCHASED PRIOR TO FABRICATION. ALL ANGLES AT ROOF PENETRATIONS/HVAC UNITS TO BE SHIPPED LOOSE AND FIELD INSTALLED AFTER HVAC FRAMES ARE ONSITE. ALL ANGLES AT HVAC FRAMES / PIPE STACKS TO BE ORIENTED WITH HORIZONTAL LEGS FACING AWAY FROM ADJACENT DUCT OPENINGS.
10. "UNO" INDICATES "UNLESS NOTED OTHERWISE"
11. ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED.
12. ALL FASTENERS IN PT LUMBER TO BE HOT DIPPED G90 GALVANIZED.
13. CONTRACTOR VERIFY ALL DIMENSIONS NOTED (+/-).
14. SEE S4 FOR BRACE FRAME ELEVATIONS
15. ALL STRUCTURAL STEEL TO BE PRIMED (GREY) AND PREPPED FOR PAINT. SEE SPECS FOR PAINTING REQUIREMENTS.

W-BEAM CONNECTION SCHEDULE				
W-BEAM	¾"Ø A325N BOLTS	LENGTH OF ⅜" PL	ALLOWABLE REACTION w/ ¼" FILLET-WELD	
W24	n=7	L=21	P =56.4k	
W21	n=6	L=18	P =46.3k	
W18	n=5	L=15	P_s =36.3k	
W16	n=4	L=12	P =26.1k	
W14, W12	n=3	L=9	P_s =16.3k	
W10, W8	n=2	L=6	P_s =8.2k	

SINGLE PL SHEAR CONN. IN ACCORDANCE w/ AISC 9th ED. TABLE X



A1 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

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PROJECT: ALLAGASH 2015 EXPANSION
50 INDUSTRIAL WAY, PORTLAND, MAINE
FOR: ALLAGASH BREWING CO.

SHEET TITLE: ROOF FRAMING PLAN
ISSUED FOR PERMITTING

REVISIONS			
No.	BY	DESCRIPTION	DATE
1	ASW		
2			
3			
4			

DATE : 7/25/14
SCALE : 1/8"=1'-0"
DESIGN BY: ASW
DRAWN BY: RSC
FILE #: 14064-S1
PROJECT NUMBER: 14064
SHEET NO: S2