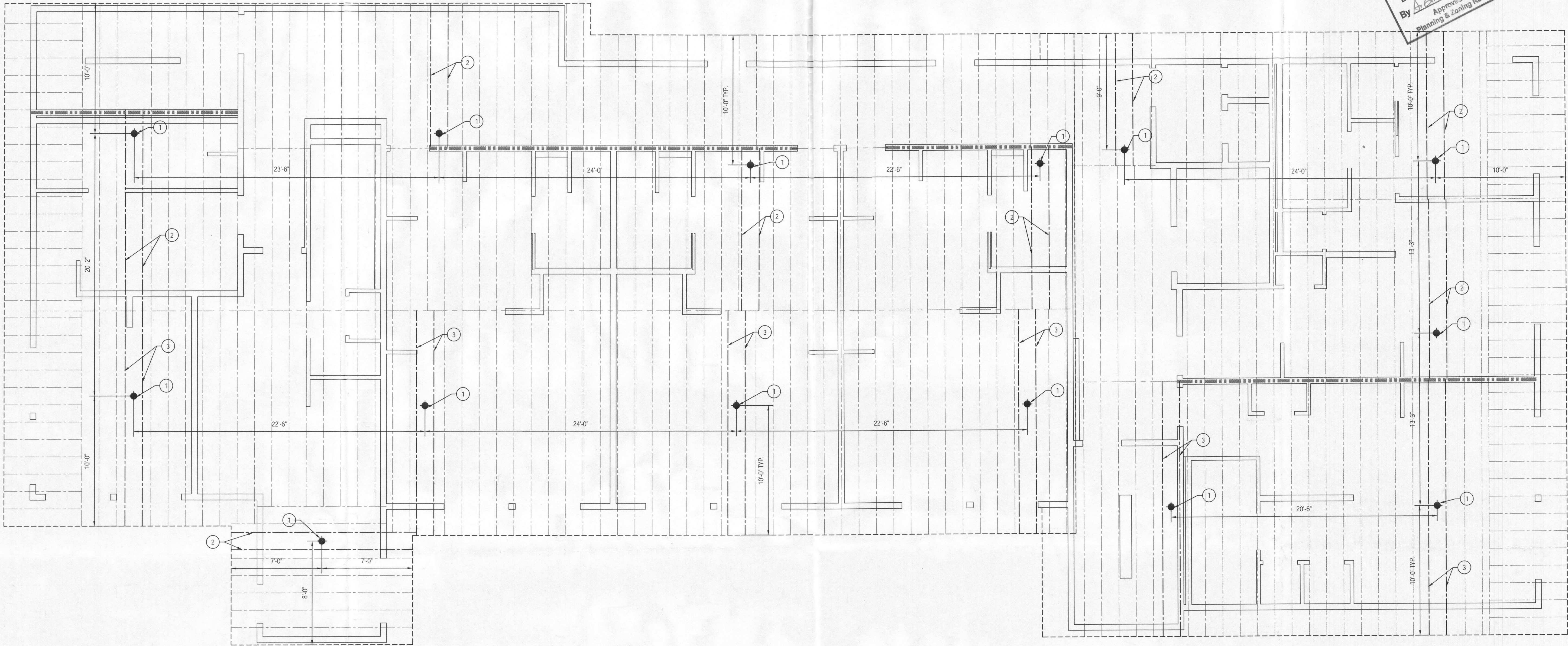




1 ROOF TIE OFF FRAMING PLAN
S1.0 16270 HUB- ROOF TIE OFFS.DWG

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

GENERAL NOTES

DESIGN STANDARD 2014 OREGON STRUCTURAL SPECIALTY CODE

ENGINEERED WOOD PRODUCTS

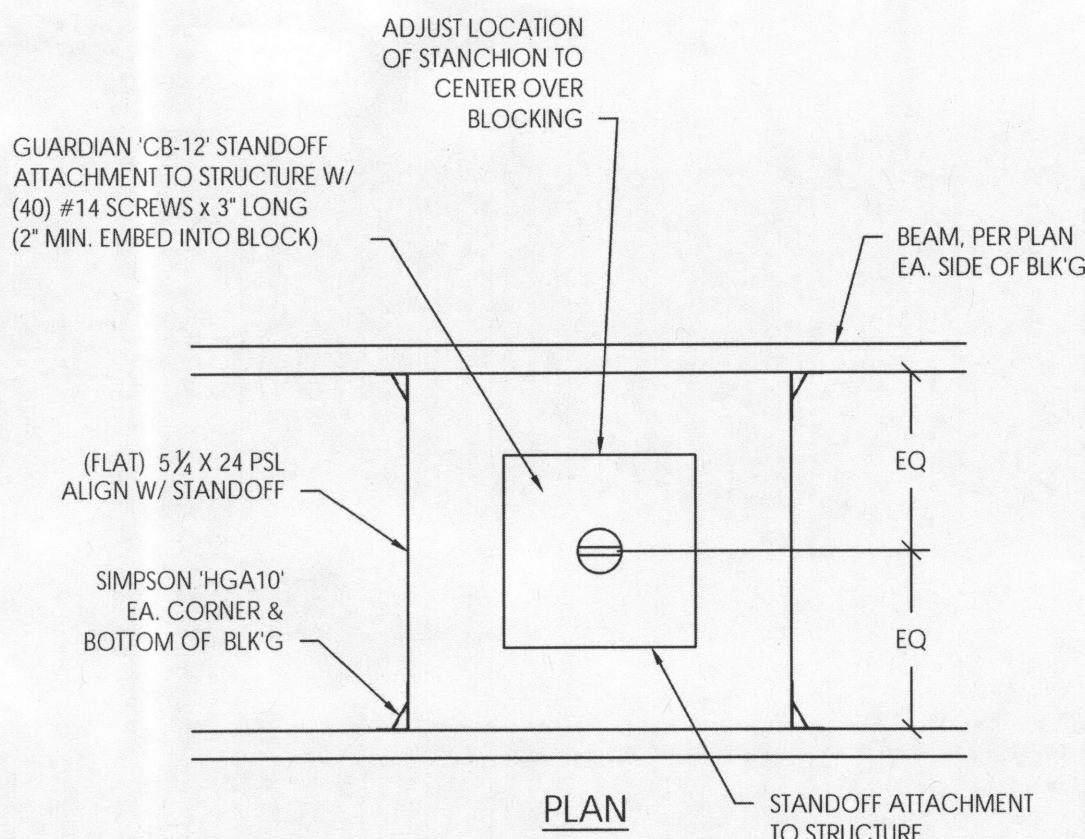
- CONFORM WITH ALL APPLICABLE PROVISIONS OF THE 2014 OSCC.
- LAMINATED VENEER LUMBER (LVL) SHALL BE MANUFACTURED BY HVEL, OR AN ENGINEER APPROVED EQUAL WITH THE ALLOWABLE STRESS VALUES EQUAL TO OR GREATER THAN THE FOLLOWING, UNLESS NOTED OTHERWISE ON THE DRAWINGS:
F_b = 2,800 PSI F_t = 1,555 PSI F_c(parp) = 150 PSI
F_c(perp) = 2,510 PSI F_v = 285 PSI E = 1.9 x 10⁶ PSI
G = 118,750 PSI
- PREMANUFACTURED WOOD JOISTS SHALL BE THE SIZE AND TYPE SHOWN ON THE DRAWINGS, MANUFACTURED BY THE HVEL, OR AN ENGINEER APPROVED EQUAL.
 - PROVIDE BRIDGING IN CONFORMANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
 - JOISTS AND BRIDGING SHALL BE CAPABLE OF RESISTING THE WIND UPLIFT NOTED ON THE DRAWINGS.
 - THE JOIST MANUFACTURER SHALL VISIT THE JOB SITE AS REQUIRED TO VERIFY THE PROPER INSTALLATION OF JOISTS IN WRITING TO THE ARCHITECT/ENGINEER.
 - PREMANUFACTURED WOOD JOIST ALTERNATIVES WILL BE CONSIDERED, PROVIDED THAT THE ALTERNATIVE IS COMPATIBLE WITH THE LOAD CAPACITY, STIFFNESS, DIMENSIONS, AND FIRE RATING REQUIREMENTS OF THE PROJECT.
 - PREMANUFACTURED JOISTS SHALL BE ICBO APPROVED.

CONNECTIONS AND FASTENERS

- FRAMING ACCESSORIES AND STRUCTURAL FASTENERS SHALL BE THE SIZE AND TYPE SHOWN ON THE DRAWINGS, AND MANUFACTURED BY SIMPSON STRONG-TIE COMPANY OR AN ENGINEER APPROVED EQUAL.
- HANGERS NOT SHOWN SHALL BE SIMPSON 1H/ OF THE SIZE RECOMMENDED FOR MEMBER.
- ALL HANGERS AND FASTENERS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE SIMPSON 2-MAX HANGERS OR STAINLESS STEEL.
- FRAMING CONNECTORS SHALL HAVE ALL THE NAIL HOLES FILLED AS SPECIFIED BY THE CONNECTOR MANUFACTURER, UNLESS NOTED OTHERWISE.
- ALL NAILS SHOWN ON THE DRAWINGS SHALL BE COMMON NAILS UNLESS NOTED OTHERWISE.
- TYPICAL NAILING CONNECTIONS SHALL BE PER IRC TABLE 2304.9.1 UNLESS NOTED OTHERWISE ON THE DRAWINGS.

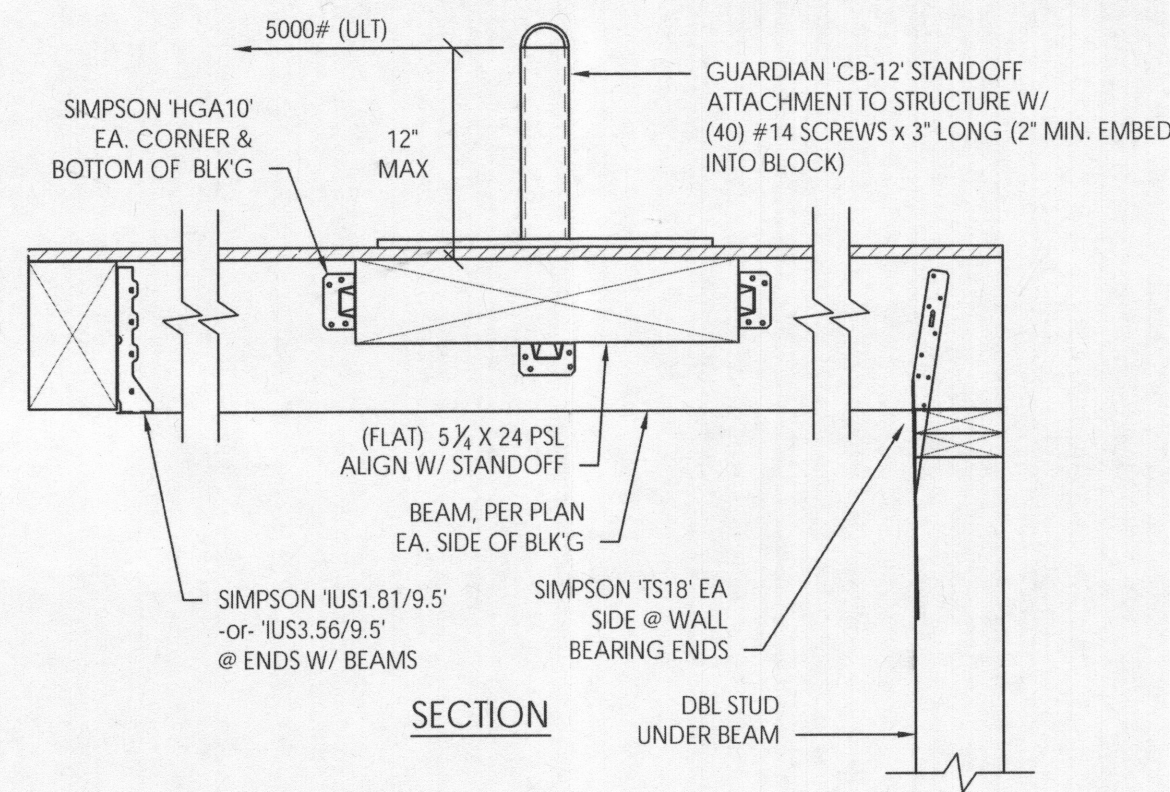
*** SEE ORIGINAL PROJECT GENERAL NOTES FOR ADDITIONAL INFORMATION NOT SHOWN ***

SUBMITTAL REVIEW	
☒	NO EXCEPTIONS TAKEN
☐	MAKE CORRECTIONS NOTED
☐	REVISE AND RESUBMIT
☐	SUBMIT SPECIFIED ITEM
CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN ABOVE, IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE FABRICATED AND CORRELATED AT THE JOB SITE, FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF THEIR WORK WITH THAT OF ALL OTHER TRADES, AND THE SATISFACTORY PERFORMANCE OF THEIR WORK.	
HAYDEN ENGINEERS STRUCTURAL CIVIL	
BY: CM	DATE: 2/8/17
PHONE: (503) 968-9994 FAX: (503) 968-8444	

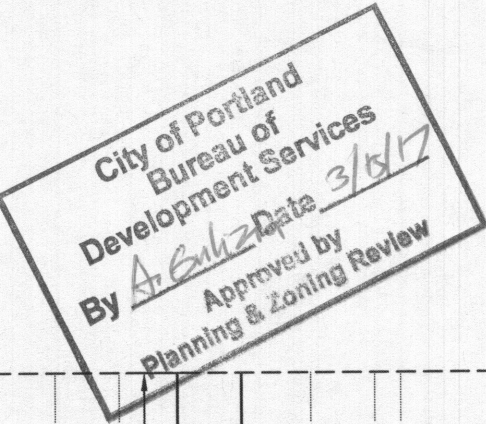
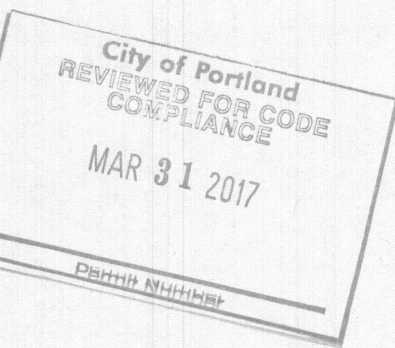


2 TIE-OFF DETAIL
S1.0 NE GLISAN - ROOF ANCHORAGE DETAILS.DWG

SCALE: 1"=1'-0"



- KEYNOTES:
- 12" TALL GUARDIAN 'S-SERIES' TIE BACK ANCHORS, PER DETAIL 2/S1.0.
 - (1) 1 1/2" x 9 1/2" LVL
 - (2) 1 3/4" x 9 1/2" LVL, NAIL LAMINATED WITH 16d @ 8" O/C STAGGERED.



15-245987 DFS 01 CO

REGISTERED PROFESSIONAL
ENGINEER
83248PE
OREGON
MAY 14 2013
GABRIELLA S. MILLER

EXPIRES: 12/31/2016

HAYDEN ENGINEERS
STRUCTURAL | CIVIL
EH
12480 SW 68th Ave., Tigard, Oregon 97223
(503) 968-9994 p. (503) 968-8444 f.
www.hayden-engineers.com

PROJECT:
HUB HAWTHORNE
3423 HAWTHORNE ST.
PORTLAND, OR.

SHEET CONTENT
ROOF TIE OFF
PLAN
DETAILS
GENERAL NOTES

JOB No.
16270

DRAWN
AG

CHECKED
JB/GM

DATE
07.08.2016

REVISIONS

SHEET
S1.0 OF 1