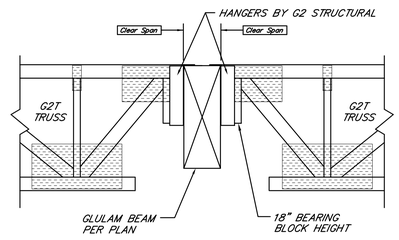
PROJECT PLANS USED :	
SHEETS	DATE
ARCHITECTURAL DRAWINGS A0.0 THRU A9.2	09/30/15 ⚠2
STRUCTURAL DRAWINGS S-1.1 THRU S-3.2	08/13/15 ⚠2
MECHANICAL DRAWINGS M0.1 THRU M6.3	08/13/15 ⚠2

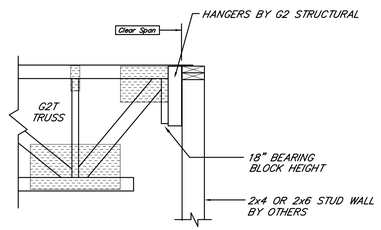
2 G2T IN HANGER TO WOOD BEAM

REFER TO PROJECT PLAN DETAILS FOR MORE INFO — NOT TO SCALE

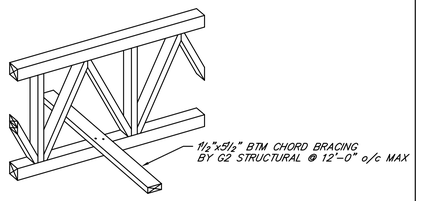


1 G2T IN HANGER TO STUD WALL

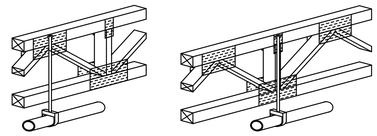
REFER TO PROJECT PLAN DETAILS FOR MORE INFO — NOT TO SCALE



C BOTTOM CHORD BRACING

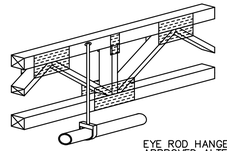


B 2-1/2" THROUGH 4" DIA. SPRINKLER LINE



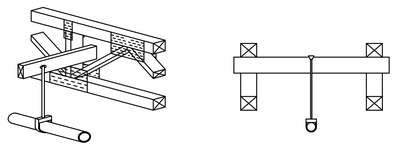
EYE ROD HANGER OR NFPA APPROVED ALTERNATE WITH (1) FASTENER. LOCATE ONLY AT TOP CHORD PANEL POINTS THROUGH METAL GUSSET PLATE. NORMALLY FOR PIPE SIZES 2-1/2" THROUGH 4"MAXIMUM: FOR UP TO A 4" PIPE SIZE USE UP TO (1) 1/2" THROUGH BOLT INSTALLED THROUGH THE GUSSET PLATE AT A TRUSS TOP CHORD PANEL POINT. G2 STRUCTURAL RECOMENDS 4" PIPE SIZE MAINS BE SUPPORTED WITH THIS DETAIL AND SIZES GREATER THAN 4" USE 4X BLOCKING OR TRAPEZE BETWEEN 2 TRUSSES.

A 2" DIA. & SMALLER SPRINLER LINE



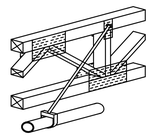
EYE ROD HANGER OR NFPA APPROVED ALTERNATE WITH (1) LAG SCREW. LOCATE ANYWHERE ALONG LENGTH OF TOP CHORD. NORMALLY FOR BRANCH LINES. MAXIMUM 2" PIPE SIZE – USE UP TO (1) 3/8" x 2-1/2" LAG SCREW.

F TRAPEZED SPRINKLER LINE



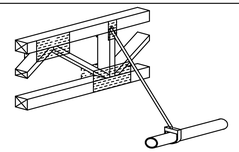
TRAPEZE CAN BE WOOD MEMBER, STEEL, PIPE OR ANGLE, AND MUST BE IN ACCORDANCE WITH NFPA.
MAXIMUM LAG SCREW SIZE IS 1/2" X 3".
MAXIMUM 6" PIPE SIZE PERMITTED BY NFPA.
LOCATE TRAPEZE AT WEB VERTICLE OR AT TOP CHORD PANEL POINTS TIGHT AGAINST WEBS OR METAL GUSSET PLATES.

E LONGITUDINAL SWAY BRACE



ATTACH SWAY BRACE TO TRUSS w/ UP TO 3" THRU OR LAG BOLT INTO TOP CHORD AT PANEL POINT THRU METAL GUSSET PLATE. ⅜" THRU OR LAG BOLT EITHER THRU METAL GUSSET PLATE OR NOT MORE THAN 2" FROM EDGE OF PLATE. LOCATED IN CENTER OF TOP CHORD OF SINGLE OR MULTIPLE PLY TRUSS. THRU BLOT OR LAG BOLT MUST BE PRE-DRILLED WITH TIGHT TOLERANCE. MAXIMUM BRACE FORCE = 450#

D LATERAL SWAY BRACE



ATTACH SWAY BRACE TO TRUSS w/ UP TO 3" THRU OR LAG BOLT INTO TOP CHORD AT PANEL POINT THRU METAL GUSSET PLATE. ⅜" THRU OR LAG BOLT EITHER THRU METAL GUSSET PLATE OR NOT MORE THAN 2" FROM EDGE OF PLATE. LOCATED IN CENTER OF TOP CHORD OF SINGLE OR MULTIPLE PLY TRUSS. THRU BLOT OR LAG BOLT MUST BE PRE-DRILLED WITH TIGHT TOLERANCE. MAXIMUM BRACE FORCE = 450#

WARNING:

Drilling, sawing, sanding or machining wood products generates wood dust and other substances known to the State of California to cause cancer. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards for personal protection.

Wood products emit chemicals known to the State of California to cause birth defects or other reproductive harm.

DATE: 10/14/15

REVISIONS

1 - 12/07/15 PER REVISE AND RESUBMIT
2 - 12/22/15 PER TRUSS MARKUPS
3 - 1/25/16 PER STORAGE RFI
4 - 3/07/16 PER REVISED ANNEX DWGS

CALIFORNIA DEPARTMENT OF TRANSPORTATION

2885 SOUTH HIGUERA
SAN LUIS OBISPO, CALIFORNIA

REVISED FOR CONSTRUCTION

ENGINEER
ASHLEY & VANCE ENGINEERING, INC.
805-544-0010

ARCHITECT
ARRIS STUDIO ARCHITECTS
805-541-2240

CUSTOMER
BJH CONSTRUCTION
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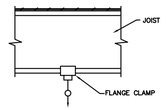
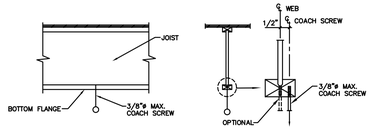
SHEET
1 OF 4

FIRE SPRINKLER ATTACHMENT NOTES:

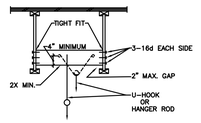
1. WOOD SCREWS WITH A MAXIMUM DIAMETER OF 1/4" MAY BE USED ANYWHERE ON THE TOP FLANGE OF THE I–JOISTS, UNLESS NOTED OTHERWISE ON PLANS.
2. DO NOT DRILL HOLES, DRIVE HEAVY SCREWS, OR USE LAG BOLTS IN THE BOTTOM FLANGE OF I–JOISTS, EXCEPT AS NOTED BELOW.
   LAGS & SCREWS TO BE INSTALLED BY TURNING WITH A TOOL, NOT DRIVING WITH A HAMMER.
3. COORDINATE ATTACHMENT OF SPRINKLER PIPE GREATER THAN 2" DIAMETER AND LARGER WITH I–JOIST LAYOUT AND CALCULATIONS. MFR HAS ASSUMED THAT THE ENGINEER OF RECORD HAS ALLOWED PSF FOR BRANCH SPRINKLER LINES 2" DIAMETER AND LESS
4. PREDRILL HOLES GREATER THAN 1/4" DIAMETER INTO FLANGES.



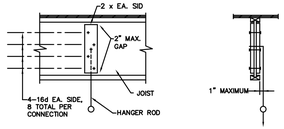
A FLANGE CLAMP CONNECTED TO I–JOIST BOTTOM CHORD



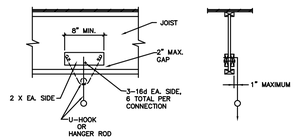
B COACH SCREW CONNECTED TO I–JOIST BOTTOM CHORD



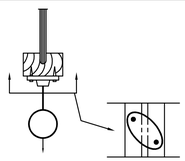
C ROD CONNECTED TO 2x TRAPEZED BETWEEN I–JOIST



D ROD CONNECTED TO I–JOIST WEB FILLER



E U–HOOK & F.S. ROD CONNECTED TO I–JOIST WEB FILLER

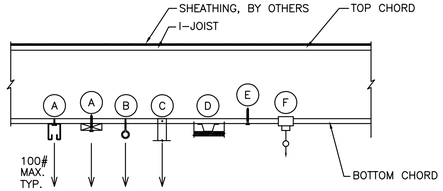


F FLANGE CONNECTED TO I–JOIST BOTTOM CHORD

ATTACHMENT DETAILS

SPRINKLERS AND SPRINKLER ATTACHMENT, INCLUDING WOOD SUPPORTS, ARE FURNISHED AND INSTALLED BY OTHERS.

6



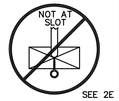
ANY CONNECTION REQUIRING A SCREW GREATER THAN 1/4"ø MUST BE DETAILED AND SUBMITTED TO MFR FOR APPROVAL

TYPICAL DETAIL NOTES:

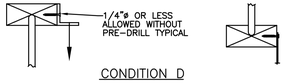
1. PRE–DRILL FOR ALL SCREWS GREATER THAN 1/4"ø
2. POINT LOADS GREATER THAN 100# REQUIRE A DETAIL, PREPARED BY OTHERS AND SUBMITTED FOR APPROVAL.
3. 1/4"ø SCREWS OR LESS ARE ALLOWED IN THE SIDE OF EITHER THE TOP OR BOTTOM CHORD.

CONDITION A
UNISTRUT, 2x, OR SIMILAR WITH 3/8"ø MAXIMUM LAG SCREW

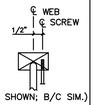
CONDITION B
3/8"ø MAXIMUM COACH SCREW OR SUSPENDED CEILING EYE BOLT



CONDITION C
1/4"ø MAXIMUM SCREW OR 2–10d MAXIMUM NAILS PER CONNECTION (2 CONNECTIONS PER TRUSS), OR #10 SCREW INTO SIDE FACE OF TOP OR BOTTOM CHORD



CONDITION D
DIRECT APPLIED RESILIENT CHANNEL AND/OR GYPSUM BOARD CEILING, USE #10 SCREWS MAXIMUM, NO RESTRICTIONS

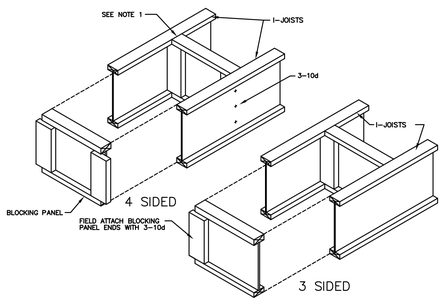


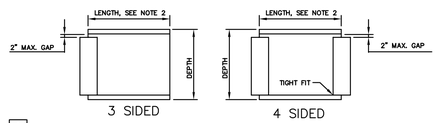
CONDITION E
ALL SCREWS SHALL BE OFFSET FROM WEB 1/2" IN CROSS SECTION.

CONDITION F
FLANGE CLAMP – NO EXCEPTIONS

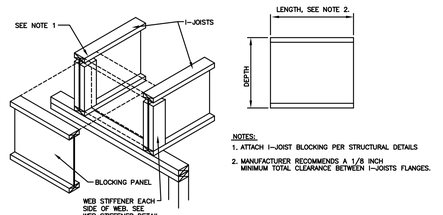
TOP AND BOTTOM CHORD ATTACHMENT DETAILS
PLUMBING/ELECTRICAL/CEILING

4





A



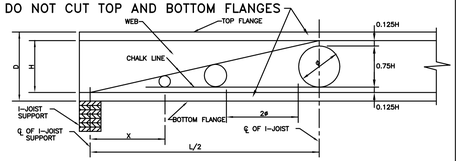
NOTES:
1. ATTACH I–JOIST BLOCKING PER STRUCTURAL DETAILS
2. MANUFACTURER RECOMMENDS A 1/8 INCH MINIMUM TOTAL CLEARANCE BETWEEN I–JOISTS FLANGES.

B

BLOCKING PANEL INSTALLATION

5

DO NOT CUT TOP AND BOTTOM FLANGES



WHERE:
X = DISTANCE, IN FEET, FROM CENTERLINE OF SUPPORT TO CENTERLINE OF HOLE
L = JOIST SPAN, IN FEET, CENTERLINE OF SUPPORT TO CENTERLINE OF SUPPORT
ø = HOLE DIAMETER, IN INCHES.
H = WEB DEPTH, IN INCHES.

FOR SIMPLE SPANS AND UNIFORM LOADS, A CHALK LINE CAN BE USED TO SHOW ALLOWABLE HOLE SIZES PERMITTED AT A GIVEN LOCATION ALONG THE SPAN. DO NOT INCREASE HOLE DIAMETER BEYOND TANGENT POINTS OF CHALK LINE AND FLANGES. THESE HOLES MAY BE PLACED ANYWHERE IN THE VERTICAL DIRECTION BETWEEN THE TOP AND BOTTOM FLANGES, PROVIDED A 0.125H GAP IS MAINTAINED BETWEEN HOLE AND FLANGE. IF JOISTS ARE CANTILEVERED OR IF CONCENTRATED LOADS ARE EXPECTED, CONTACT YOUR SALES REPRESENTATIVE FOR CORRECT HOLE LOCATIONS. REMEMBER THAT HOLES, AND ESPECIALLY LARGE AND MULTIPLE HOLES, TEND TO INCREASE DEFLECTION.

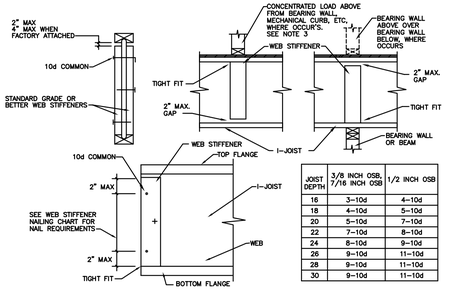
FOR SIMPLE SPANS AND UNIFORM LOADS, THE FOLLOWING FORMULA MAY BE USED TO DETERMINE HOLE SPACING REQUIREMENTS:

$$X = \frac{3L\text{ø}}{5H} \qquad \text{ø} = \frac{5XH}{3L}$$

NOTES:
GENERAL – DO NOT CUT THE WEB WITHIN D/2 OF THE SUPPORT CENTERLINE. OTHERWISE A 1 1/4 INCH HOLE Ø 24" O.C. CAN BE CUT IN THE WEB ANYWHERE. THE TOP AND BOTTOM FLANGES ARE NEVER TO BE CUT.
SQUARE HOLES – THE SIDES OF SQUARE HOLES SHALL NOT EXCEED TWO THIRDS THE MAXIMUM ROUND HOLE DIAMETER.
MULTIPLE HOLES – WHERE MORE THAN ONE HOLE IS NECESSARY, THE DISTANCE BETWEEN HOLES MUST EXCEED TWICE THE DIAMETER OF THE LARGEST ROUND HOLE OR TWICE THE SIDE OF THE LARGEST SQUARE HOLE.
SPECIAL – EXCEPTIONS WILL REQUIRE THAT ADDITIONAL SUBSTANTIATING DATA BE FURNISHED TO THE LOCAL BUILDING DEPARTMENT.

HOLE SIZE AND LOCATION DETAIL

1

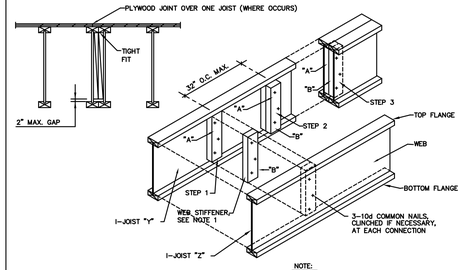


JOIST DEPTH	3/8 INCH OSB, 7/16 INCH OSB	1/2 INCH OSB
16	3–10d	4–10d
18	4–10d	5–10d
20	5–10d	7–10d
22	7–10d	8–10d
24	8–10d	9–10d
26	9–10d	11–10d
28	9–10d	11–10d
30	9–10d	11–10d

NOTES:
1. TO PREVENT DAMAGE TO I–JOISTS, DO NOT NAIL AGAINST WEB WITHOUT PROPER BACKING.
2. FOR I–JOISTS 14" IN DEPTH AND LESS THAT DO REQUIRE WEB STIFFENERS, USE NAILING REQUIREMENTS AS SHOWN FOR 16" DEEP JOISTS. UNO.
3. INTERMEDIATE WEB STIFFENERS ARE NOT REQUIRED EXCEPT AT LOCATIONS WHERE JOISTS ARE SUPPORTING CONCENTRATED LOADS IN EXCESS OF 1750# POUNDS.
4. WEB STIFFENERS MAY NOT BE NEEDED BASED ON I–JOIST CALCULATIONS

WEB STIFFENER ATTACHMENT

2



ASSEMBLY SEQUENCE:
STEP 1 – NAIL BLOCKS "A" TO FACE OF WEB ON JOIST "Y" ONLY. BACK WEB DURING NAILING TO PREVENT DAMAGE TO WEB/FLANGE CONNECTION.
STEP 2 – NAIL BLOCK "B" TO BLOCK "A".
STEP 3 – NAIL THRU WEB OF JOIST "Z" TO BLOCKS "A" AND "B". REPEAT STEPS 1 THRU 3 IF MORE THAN TWO JOISTS ARE TO BE JOINED.

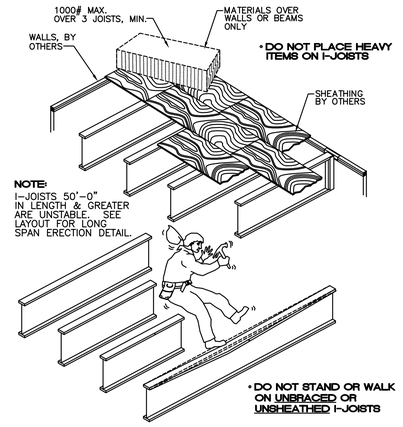
NOTE:
1. WEB STIFFENERS FOR MULTI–JOIST JOIST ASSEMBLY WILL BE SUPPLIED BY MFR

MULTI–JOIST ASSEMBLY

3

TYPICAL I–JOIST PROJECT NOTES:

1. FOR NOTES, DETAILS, AND DIMENSIONS NOT ON THESE SHOP DRAWINGS, REFER TO PROJECT PLANS.
2. SEE BILLS OF MATERIAL FOR ITEMS THAT WILL BE SUPPLIED
3. ALL CLOUDED NOTES, DIMENSIONS, ETC. REQUIRE VERIFICATION AND MUST BE MARKED EITHER "OK" OR THE CORRECT INFORMATION PROVIDED BY CUSTOMER, PRIOR TO RETURN TO MFR FOR FABRICATION.
4. PLEASE BE AWARE THAT ANY CLOUDED ITEMS NOT ACKNOWLEDGED WILL REQUIRE CONTACT WITH RESPONSIBLE PARTIES AND MAY CAUSE DELAY IN THE PROCESSING OF YOUR ORDER.
5. PLEASE VERIFY THAT ALL INFORMATION PROVIDED HEREWITH REFLECTS THE LATEST AVAILABLE PROJECT INFORMATION AND THAT ALL I–JOISTS LENGTHS CORRESPOND WITH ACTUAL FIELD DIMENSIONS PRIOR TO RETURN TO MFR FOR FABRICATION.
6. ALL BRACING SHOWN IS INTEGRAL TO THE I–JOISTS FRAMING SYSTEM AND IS NOT TEMPORARY OR ERECTION BRACING. THE I–JOISTS WILL NOT SAFELY SUPPORT LOADS UNTIL FULLY BRACED, FULLY ATTACHED TO BEARING WALLS OR BEAMS, AND SHEATHING, BY OTHERS IS PROPERLY INSTALLED (SEE LAYOUTS AND DETAILS).
7. INSTALLATION OF I–JOISTS MUST FOLLOW ANY ADDITIONAL REQUIREMENTS INDICATED ON THE LAYOUTS AND IN THE CALCULATIONS.
8. ALL I–JOISTS ARE DESIGNED FOR UNIFORM LOADS AND CONCENTRATED LOADS NOTED ON THESE DRAWINGS AND CALCULATIONS. TEMPORARY CONSTRUCTION LOADS WHICH CAUSE STRESSES BEYOND DESIGN CRITERIA ARE NOT PERMITTED.
9. ALL 2X, 4X, 6X ETC. FRAMING TO BE SUPPLIED BY OTHERS, UNO. (FMBO).
10. METAL STRAPS AND/OR TIES USED FOR SEISMIC PURPOSES THAT ARE NAILED TO THE TOP OF THE TOP CHORD ARE TO USE 10d NAILING AT NO LESS THAN 3" oc IN A ROW. ACCEPTABLE STRAPS FOR TRUSS TOP CHORDS ARE LTTI, LSTI, MSTI AND PAI. PLEASE CONTACT THE PROJECT MANAGER BELOW FOR ANY QUESTIONS AND/OR ISSUES WHERE NAILING INTO TOP CHORD IS A CONCERN.
11. I–JOISTS ARE NOT DESIGNED TO SUPPORT ANY FIRE SPRINKLER AND/OR MECHANICAL LOADS OTHER THAN WHAT IS SHOWN ON THESE SHOP DRAWINGS, AND OR WHAT HAS BEEN PROVIDED IN THE DESIGN DEAD LOAD(S).
12. THE PLACEMENT OF THE MECHANICAL UNITS AND SPRINKLER MAINS ARE TO BE AS NOTED ON THESE SHOP DRAWINGS. THE SUPPORTING TRUSSES HAVE BEEN SPECIFICALLY DESIGNED TO ACCOMMODATE THESE ITEMS. ALL COMPONENTS TRANSFERRING LOADS TO THE TRUSSES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE DETAILS CONTAINED WITHIN THESE DRAWINGS.. IF THE ACTUAL LOCATIONS DO NOT COINCIDE WITH THESE DRAWINGS CONTACT I–JOIST MFR.
13. I–JOISTS DESIGNS ARE IN ACCORDANCE WITH THE CURRENT ADOPTED EDITION OF THE IBC, CBC, AND NATIONAL DESIGN SPECIFICATION.



INSTALLATION OF I–JOISTS

DATE: 10/14/15	REVISIONS
	1 - 12/07/15 PER REVISE AND RESUBMIT
	2 - 12/22/15 PER TRUSS MARKUPS
	3 - 1/25/16 PER STORAGE RFI
	4 - 3/07/16 PER REVISED ANNEX DWGS

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2885 SOUTH HIGUERA
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2180 GREEN VISTA DRIVE # 212 SPARKS, NEVADA 89431.

SHEET
2 OF 4

G2T TRUSS LIST

	MARK	QTY	CLR SPAN	MFR LENGTH	DEPTH	HANGER (BLACK END)	HANGER (OTHER END)	
△2	2T01	37	30'-0 1/8"	29'-11 5/8"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	
	2T01D	3	30'-0 1/8"	29'-11 5/8"	27" DBL	RHU418-2 H=18" HGRS	RHU418-2 H=18" HGRS	
△2	2T02	8	18'-10 5/8"	18'-10 1/8"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	
	2T03	65	30'-11 3/4"	30'-11 1/4"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	
	2T03A	10	30'-11 3/4"	30'-11 1/4"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	(MULTISPAN)
	2T03B	13	30'-11 3/4"	30'-11 1/4"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	(MULTISPAN)
	2T04	8	19'-11 3/4"	19'-11 1/4"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	
	2T05	45	32'-3 3/4"	32'-3 1/4"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	
	2T05D	2	32'-3 3/4"	32'-3 1/4"	27" DBL	RHU418-2 H=18" HGRS	RHU418-2 H=18" HGRS	
	2T06	36	29'-4 3/8"	29'-3 7/8"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	
	2T06A	5	29'-1 7/8"	29'-1 3/8"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	
△2	2T07	5	24'-4 3/8"	24'-3 7/8"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	
	2T08	3	16'-11 7/8"	16'-11 3/8"	27"	HTR418 H=18" HGRS	HTR418 H=18" HGRS	

KC METALS CONNECTORS ESR-2930

	QTY	MARK	DESCRIPTION	NAILING		REMARKS	
				HEADER	JOIST		
△3	494	2H01	HTR418	10-16d	4-10d x 1½	SINGLE	(TRUSS HGRS)
△3	110	2H02	TR3516	6-10d	2-10d x 1½	SINGLE	(I-JOIST HGRS)
	4	2H03	H3516-2	26-10d x 1½	12-10d x 1½	DBL	(I-JOIST HGRS)
	10	2H04	RHU418-2	8-16d	6-10d x 1½	DBL	(TRUSS HGRS)
△2	6	2H05	RAI418 TF OFFSET R	2-16d	2-10d x 1½	SINGLE	(TRUSS HGRS)
△2	6	2H06	RAI418 TF OFFSET L	2-16d	2-10d x 1½	SINGLE	(TRUSS HGRS)

NOTE: USE OFFSET TOF FLANGE HANGERS AS REQUIRED FOR TRUSSES ADJACENT TO PILASTERS AT GRIDS 2 AND 11

DESIGN LOADS

	FLOOR	
LIVE LOAD	50	PSF
PART LOAD	15	PSF
DEAD LOAD	25	PSF
TOTAL LOAD	90	PSF

DESIGN DEFLECTION:

$\Delta_{LL} \leq L/480$ $\Delta_{TL} \leq L/360$

LOAD DURATION FACTOR = 1.00

TRUSS BTM CHORDS SHALL BE DESIGNED TO RESIST A MIN CEILING LL OF 10 PSF

WEB STIFFENERS

QTY	MARK	DESCRIPTION	LENGTH
500	2WS1	PLY 7/8 x 3 1/2	12"

ROSEBURG FOREST PRODUCTS I-JOIST ESR-1251

	QTY	MARK	DESCRIPTION	LENGTH	
△3	6	2J01	16" RFPI 70	11'-0"	FABE 2WS1
△3	15	2J02	16" RFPI 70	5'-0"	FABE 2WS1
△4	63	2J03	16" RFPI 70	23'-0"	FABE 2WS1

FABE=field attach both ends

FLOOR FRAMING PLAN

(REF: S-2.2)

SCALE: 1/8" = 1'-0"

MISC. MATERIAL LIST

ITEM	QTY	USE	
1½"x5½" LSL B/C BRACING	1070 LF	STD G2T B/C BRACING	(SEE DETAIL)
27" TRUSS BLOCKING (1'-8¼" LENGTH)	24	BTM CHORD BRG BLKG	

24F-V8 INDUSTRIAL APPEARANCE
14% MOISTURE CONTENT

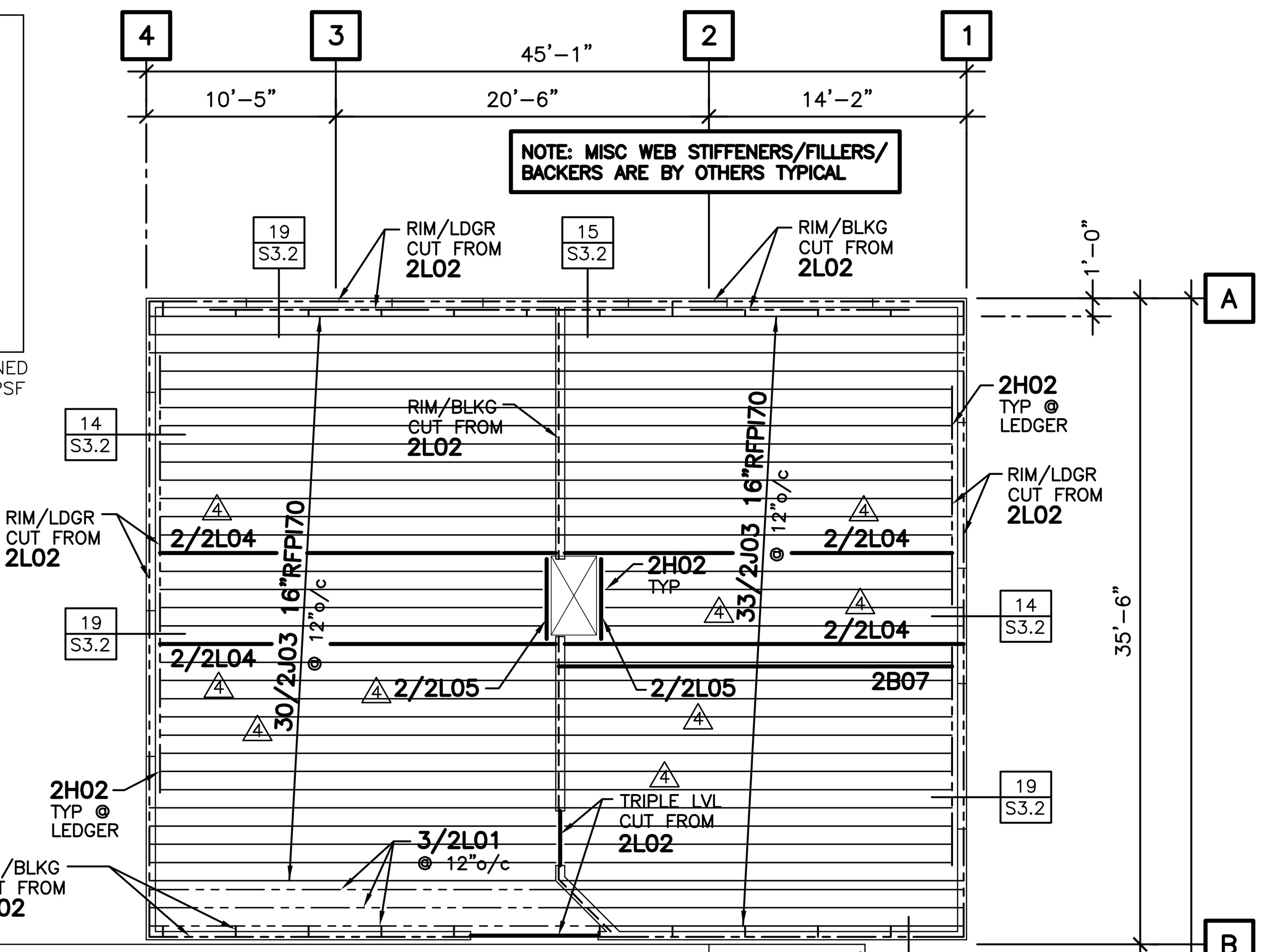
QTY	MARK	WIDTH	DEPTH	LENGTH	CAMBER	
8	2B01	12 1/4	24	30'-0"	STD	
4	2B02	12 1/4	24	41'-0"	STD	RC=5' LC=5'

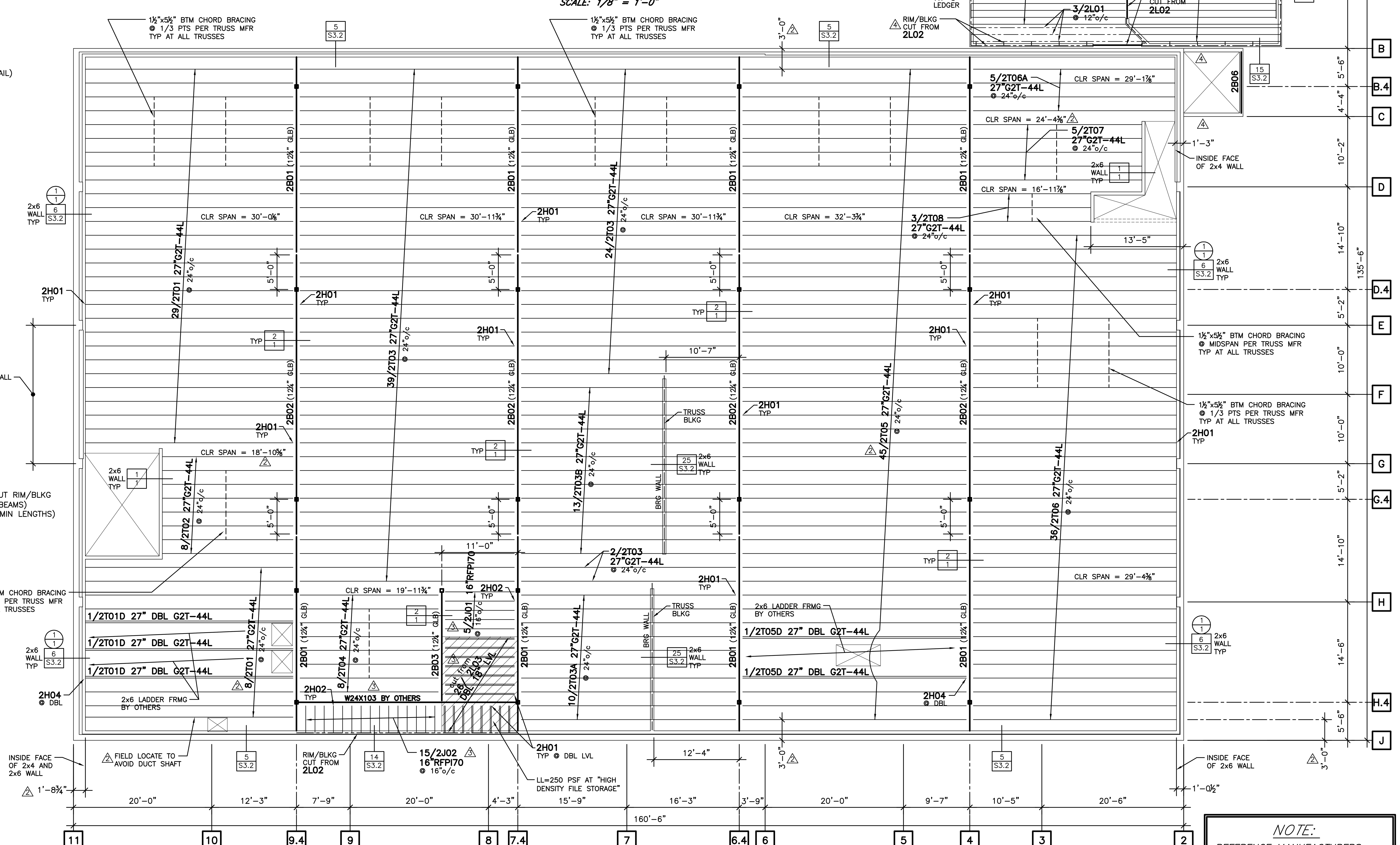
24F-V4 INDUSTRIAL APPEARANCE
14% MOISTURE CONTENT

	QTY	MARK	WIDTH	DEPTH	LENGTH	CAMBER
	1	2B03	12 1/4	24	17'-0"	STD
△3						

ROSEBURG FOREST PRODUCTS 2.0 LVL ESR-1210

	QTY	MARK	WIDTH	DEPTH	LENGTH	
△4						
	1	2B06	5 1/2	16	10'-0"	
	1	2B07	3 1/2	16	23'-0"	
	3	2L01	1 3/4	16	27'-0"	
△4	1	2L02	1 3/4	16	350'-0"	(FIELD CUT RIM/BLKG LEDGER/BEAMS) (24'-0" MIN LENGTHS)
△3	26	2L03	1 3/4	18	11'-0"	
△4	8	2L04	1 3/4	16	23'-0"	
△4	4	2L05	1 3/4	16	6'-0"	





NOTE: REFERENCE MANUFACTURERS PRODUCT GUIDE FOR PRODUCT INSTALLATION AND ADDITIONAL INFORMATION.

WARNING:

Drilling, sawing, sanding or machining wood products generates wood dust and other substances known to the State of California to cause cancer. Avoid inhaling dust generated from wood products or use a dust mask or other safeguards for personal protection.

Wood products emit chemicals known to the State of California to cause birth defects or other reproductive harm.

REVISED FOR CONSTRUCTION

DATE: 10/14/15

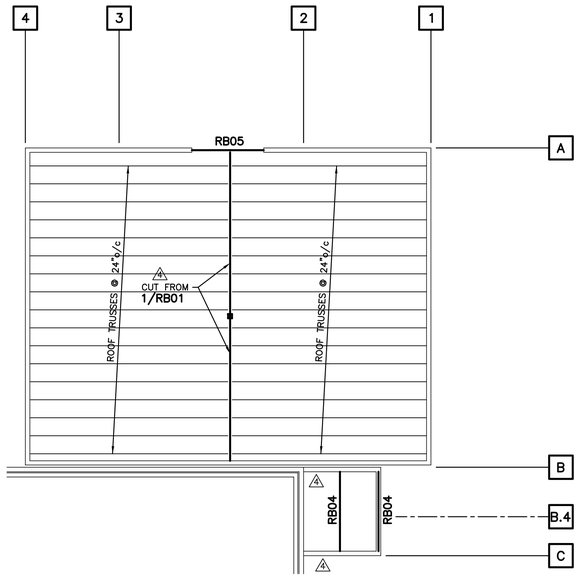
REVISIONS
- △1 - 12/07/15 PER REVISE AND RESUBMIT
- △2 - 12/22/15 PER TRUSS MARKUPS
- △3 - 1/25/16 PER STORAGE RFI
- △4 - 3/07/16 PER REVISED ANNEX DWGS

CALIFORNIA DEPARTMENT OF TRANSPORTATION
2885 SOUTH HIGUERA
SAN LUIS OBISPO, CALIFORNIA

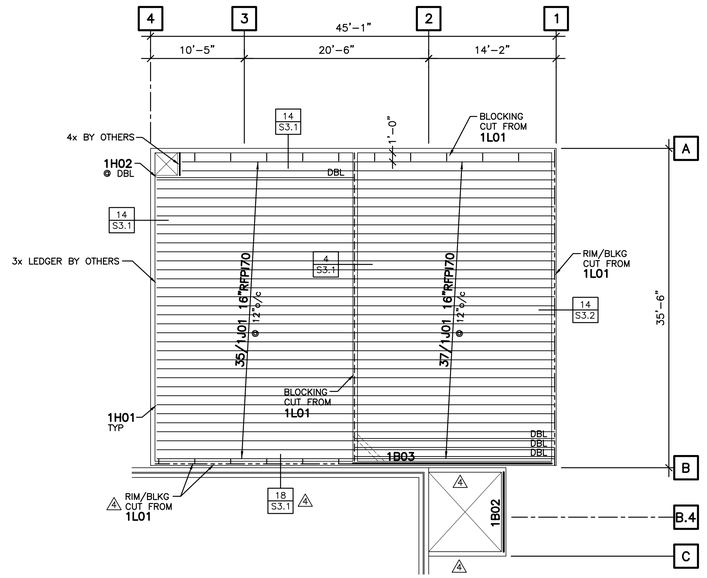
ENGINEER: ASHLEY & VANCE ENGINEERING, INC. 805-545-0010
ARCHITECT: ARRIS STUDIO ARCHITECTS 805-547-2240
CUSTOMER: BJH CONSTRUCTION 805-462-3350

G2 NATIONAL
Evolution in Wood-Framed Structure.®
G2 NATIONAL LLC. 2185 GREEN VISTA DRIVE # 212 SPARKS, NEVADA 89431.

REFERENCE SEPARATE ROOF TRUSS SUBMITTAL FOR ACTUAL TRUSS LAYOUT



NOTE: MISC WEB STIFFENERS/FILLERS/ BACKERS ARE BY OTHERS TYPICAL



DESIGN LOADS

	FLOOR	
LIVE LOAD	50	PSF
PART LOAD	15	PSF
DEAD LOAD	25	PSF
TOTAL LOAD	90	PSF

DESIGN DEFLECTION:
$\triangle_{LL} \leq L/480$ $\triangle_{TL} \leq L/360$
LOAD DURATION FACTOR = 1.00

PARTIAL ROOF FRAMING PLAN

(REF: S-2.3)
SCALE: 1/8" = 1'-0"

24F-V4 INDUSTRIAL/FRAMING APPEARANCE
14% MOISTURE CONTENT

	QTY	MARK	WIDTH	DEPTH	LENGTH	CAMBER
4	1	RB01	3 1/2	18	36'-6"	STD
4						

ROSEBURG FOREST PRODUCTS 2.0 LVL
ESR-1210

	QTY	MARK	WIDTH	DEPTH	LENGTH	
4						
	2	RB04	5 1/2	16	10'-0"	
	1	RB05	3 1/2	11 7/8	9'-0"	

FOUNDATION FRAMING PLAN

(REF: S-2.1)
SCALE: 1/8" = 1'-0"

ROSEBURG FOREST PRODUCTS
I-JOIST ESR-1251

QTY	MARK	DESCRIPTION	LENGTH	
72	1J01	16" RFPI 70	23'-0"	FABE 1WS1

FABE=field attach both ends

WEB STIFFENERS

QTY	MARK	DESCRIPTION	LENGTH
360	1WS1	PLY 7/8 x 3 1/2	12"

KC METALS CONNECTORS ESR-2930

QTY	MARK	DESCRIPTION	NAILING		REMARKS
			HEADER	JOIST	
33	1H01	TR3516	6-10d	2-10d x 1½	SINGLE
1	1H02	RAI3516-2	2-16d	2-10d x 1½	SINGLE

ROSEBURG FOREST PRODUCTS 2.0 LVL
ESR-1210

	QTY	MARK	WIDTH	DEPTH	LENGTH	
4						
	1	1B02	5 1/2	16	10'-0"	
	1	1B03	3 1/2	16	23'-0"	
4	1	1L01	1 3/4	16	120'-0"	(FIELD CUT RIM/BLKG) (24'-0" MIN LENGTHS)

WARNING:

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Wood products emit chemicals known to the State of California to cause birth defects or other reproductive harm.

NOTE:

REFERENCE MANUFACTURERS PRODUCT GUIDE FOR PRODUCT INSTALLATION AND ADDITIONAL INFORMATION.

REVISED FOR CONSTRUCTION

DATE: 10/14/15

REVISIONS

1 - 12/07/15 PER REVISE AND RESUBMIT
2 - 12/22/15 PER TRUSS MARKUPS
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4 - 3/07/16 PER REVISED ANNEX DWGS

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SHEET
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