Engineering Review

Statement on Approval Dwgs:

It is understood that sprinkler branch lines, 4" diameter and smaller have already been considered in the total uniform loading given on structural drawings for the joist and girder design. No additional loads or load cases will be considered for joists supporting these pipes. It is recognized that the girder loading given already considers all possible joist reactions from all gravity load combinations and types, and no other additional concentrated loads will be considered. Only mains above 4" diam. pipe will be considered as additional load in joist design. CSC intends to proceed with joist product design in this manner unless instructed otherwise on approval return.

Review Comments to Detailer:

1. Net Uplift per diagrams on S2.31, see below and combine uplift zones as follows.
   - **Mezzanine joists are to be designed with ZERO uplift.** (Detail NO uplift rows.)
   - **For Joist Interior (Zone 1') = -10.5 PSF**
   - **For Joist Perimeter (Zone 1) = -18.0 PSF**
   - **For Joist Perimeter = -27.0 PSF**
   - **For All Girders = -12.8 PSF** (Use for everywhere, do NOT break out for strip.)

2. Use standard end anchorage welds. (K-Series: 1/8" x 2½", LH-Series: ¼" x 2½"). Review required by final design.

3. Equally space bridging between the supports. (Top and Bottom Chord bridging aligned)

4. Rooftop equipment units are shown on the framing plan. These loads are in addition to the joist design and must be transferred to the girder panel points. Please note these loads on the joist and girder BOMs.

5. Section 2/S1.12 indicates joists supporting rooftop units are subject to snow drift loads. Please note these snow drifts, as needed, in addition to the rooftop units on the joist BOMs. These drift loads must also be transferred to the girder panel points.

6. 44LHSP joists between grids B&A and M&N are to be designed for a minimum moment of inertia of 1,450 in^4. Please note this minimum moment of inertia on the joist BOM's.

7. Section 7 & 7A/S4.01 indicates joists at Gridline B will bear on field-supplied bearing for a 'Speed Bay' expansion joint. We will need to adjust clears to accommodate.

8. Per Roof Framing Plan Note 6.E on S2.20, perimeter joists are to be designed to resist rollover forces of 3.25 Kips Wind and 2.0 Kips Seismic along grids A & L. Please note these rollover forces on the joist BOMs.

9. Per Roof Framing Plan Note 6.F on S2.20, ALL joists between grids A&B and K&L are to be designed for axial loads: 4.0 Kips Wind and 7.5 Kips Seismic. These loads appear to be through the joist seats unless noted otherwise.

10. Per Roof Framing Plan Notes 6.I & 7.F on S2.20, joists and girders are to be designed for a live load deflection of L/360 for office areas and L/240 for typical areas. Please note this on the joist and girder BOMs.

11. Per Roof Framing Plan Note 7.A on S2.20, Self-weight of the girders is in addition to design. Please note this on the girder BOMs.

12. Per Roof Framing Plan Note 7.B on S2.20, ALL girders are to be designed for a single 2.0 Kip load at any bottom chord panel point along the girder chords. Please note this on the girder BOMs.

13. Snow drift loads are shown at the roof perimeter, these loads are in addition to the joist design. Please show these loads on the layout drawings and note them on the joist BOMs. Also note the snow drift reactions from the girder panel points as shown on the framing plan on the girder BOMs.

14. OK to assume sprinkler branch lines (4” Ø & smaller) have already been considered in the joist and girder loads shown but MAINS (Greater than 4” Ø) are in addition to the joist design and must be transferred to the girder panel points. See response to approval statement above.

15. Bridging per ESFR Sprinkler Lines, see CAD file in the job reviews folder for joist profiles and include on the layout drawings.

16. Add the following notes to the approval drawings:

    ERECTOR NOTE: Erector, locate bridging to meet fire marshal code clearances required for ESFR sprinkler system function. Bridging location tolerance is +or- 4”. Contact CSC if bridging locations shown on plans or proper clearances cannot be achieved.

    SPRINKLER INSTALLER NOTE: ESFR feeder lines may require slight adjustment from plan dimensions to clear some confined joist web members. Check with Fire Protection designer for limits on amount of adjustment.

    NOTE: Do not use APPROVAL drawings for joist and bridging erection

    SPRINKLER INSTALLER NOTE: ALL sprinkler mains, 4” and larger, shall have connections to joists be hung concentrically achieved by loading thru the center of gravity of a single joist and/or by trapeze type hanger. Side mounting mains to a single joist is prohibited.

17. OK to modify our field strut detail to match the section 7/S1.11 and show a max allowable distance of 4” for a concentrated load to occur away from a panel point before a field strut is required. No approval statement required for this.

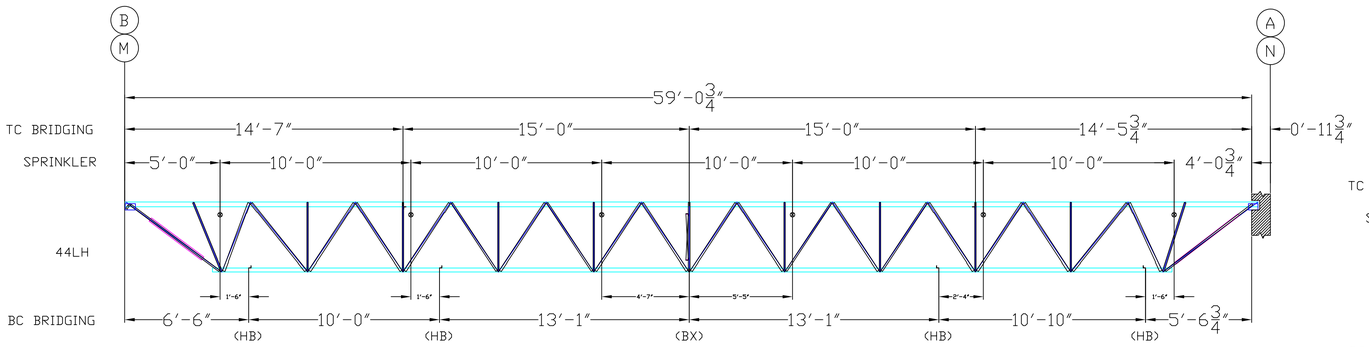
Design/ Engineering notes:

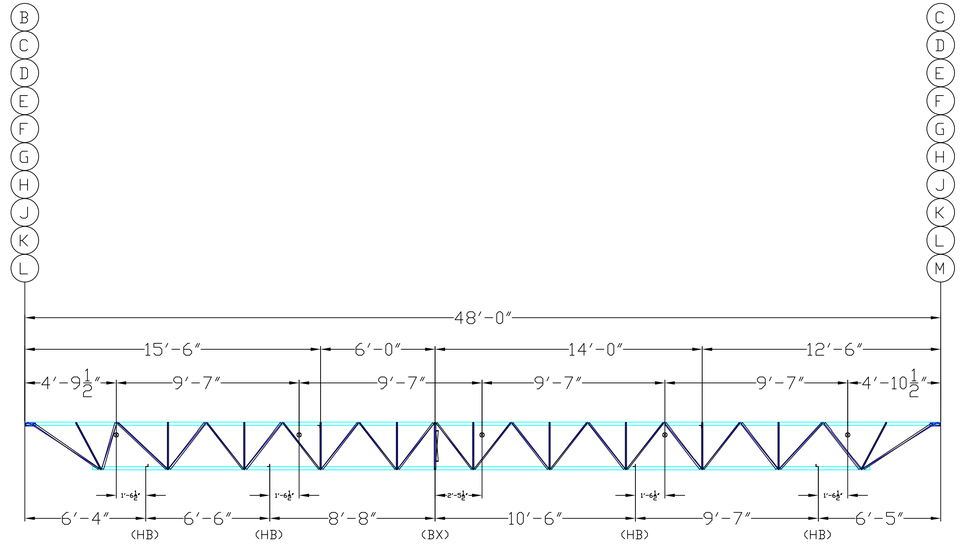
1. Steffy Project – Make sure to adhere to all design standards including special joist grouping by requisition:
   - The Tie Joists (TJ's) should be in a req separate from the 'infill' joists. The req's for the infill joists need to have a note on the cap sheets for 'Bundle in groups of 8, or 4 and 4'.... or Bundle in groups of 7, or 3 then 4'.

2. Girder self-weight is in addition to design. Apply self-weight to girder bottom chords.

3. See above & returned approvals.

ESFR Profiles

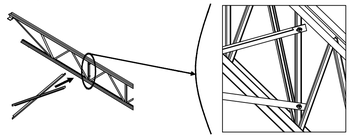




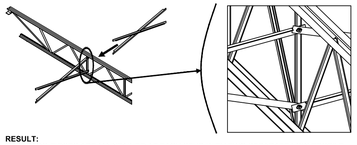
CROSS-BRIDGING STUDS SYSTEM

EACH CROSS-BRIDGING (X-BRDG) SET HAS TO BE INSTALLED AND BOLTED SEPARATELY.

STEP 1 : INSTALL THE FIRST X-BRDG SET TO THE JOIST WITH TWO LOW PROFILE NUTS. (NO WASHERS RQD AT LOW PROFILE NUTS)



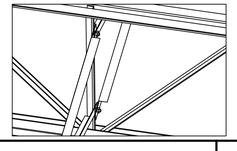
STEP 2 : INSTALL THE SECOND X-BRDG SET ON THE OTHER SIDE OF THE JOIST WITH TWO ADDITIONAL LOW PROFILE NUTS (NO WASHERS ROD).

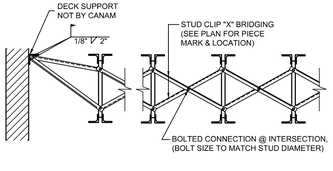


RESULT:
TWO BRDG PIECES ARE MAINTAINED AT EACH STUD WITH TWO SEPARATE LOW PROFILE NUTS. A CROSS-BRIDGING (X-BRDG) SET IS INSTALLED ON EITHER SIDE OF THE JOIST.

NOTE:
LOW PROFILE NUTS ON ½" DIAM. STUDS REQUIRE 7/16" SOCKET.

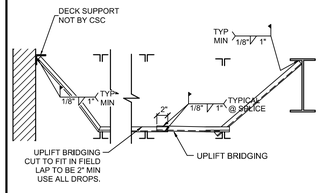
LOW PROFILE NUTS ON ½" DIAM. STUDS REQUIRE ½" SOCKET.



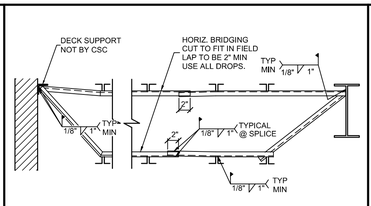


TYPICAL CROSS BRIDGING ON STUD CLIP

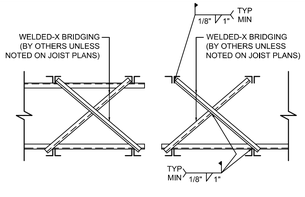
NOTE: USE WASHERS EXCEPT UNDER FLANGED BOLT HEADS OR LOW PROFILE OVER-WIDTH NUTS.



TYPICAL UPLIFT BRIDGING



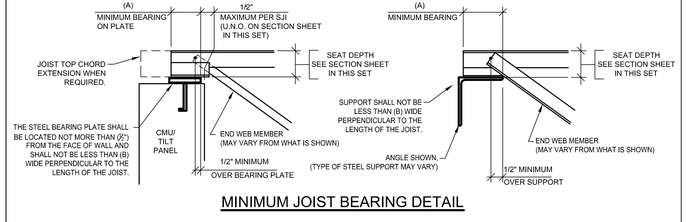
TYPICAL HORIZONTAL BRIDGING



TYPICAL BRIDGING TERMINUS

KEY NOTE	K-SERIES & LH SERIES 02-06	LH SERIES 07-17 DLH SERIES 10-17	DLH-SERIES 18-25	CJ SERIES SEAT DEPTH ≥ 5"	JOIST GIRDERS
(A)	2½"	4"	6"	4"	4"
* (B)	7"	9"	13"	9"	9"

* SOMETIMES THE DESIGNS FOR THE JOIST BEARING SEATS MAY REQUIRE WIDER SEAT MATERIAL THAN THE MINIMUM BEARING SUPPORT WIDTHS SPECIFIED ON THIS DETAIL. THEREFORE, IT IS RECOMMENDED THAT YOU CONSULT W/ CANAM PRIOR TO FABRICATION OR INSTALLATION OF JOIST BEARING SUPPORTS TO CONFIRM BEARING WIDTH REQUIREMENTS.

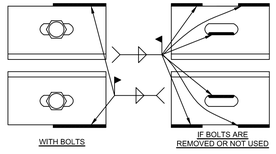


MINIMUM JOIST BEARING DETAIL

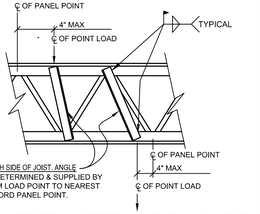
SEE THE PROJECT SPECIFIC SECTIONS WITHIN THIS SET FOR EXACT JOIST PLACEMENT. THIS SECTION CONVEYS THAT SJI MINIMUM BEARING LENGTHS AND TYPICAL WIDTH ALLOWANCES SHALL BE RESPECTED UNLESS SPECIFICALLY COORDINATED OTHERWISE WITH CANAM.

ERECTOR NOTE:

JOIST SEATS FABRICATED TO ALLOW FOR BOLTED ANCHORAGE ALSO REQUIRE A FINAL WELDED CONNECTION, BUT THE BOLTS SHALL BE INSTALLED. IF BOLTS ARE NOT INSTALLED, AND IF PERMITTED BY THE EOR, THEN THE INSIDE EDGE OF THE SEAT SLOTS MUST BE WELDED, AS SHOWN. ADDITIONAL WELD AS REQUIRED TO MEET THE TOTAL SPECIFIED SHALL BE PLACED AT A LOCATION ON THE EDGE OF THE SEAT AWAY FROM THE OUTER EDGE OF THE SLOT.



BOLTED JOIST CONNECTION DETAIL



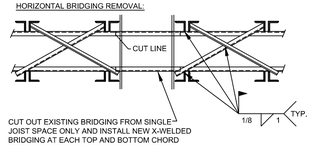
FOR NOMINAL CONCENTRATED LOADS BETWEEN PANEL POINTS, WHICH HAVE BEEN ACCOUNTED FOR IN THE SPECIFIED UNIFORM DESIGN LOADS, A "STRUT" TO TRANSFER THE LOAD TO A PANEL POINT ON THE OPPOSITE CHORD SHALL NOT BE REQUIRED, PROVIDED THE SUM OF THE CONCENTRATED LOADS WITHIN A CHORD PANEL DOES NOT EXCEED 100 POUNDS AND THE ATTACHMENTS ARE CONCENTRIC TO THE CHORD.

TYPICAL INSTALLATION DETAIL FOR:

JOIST REINFORCEMENT AT CONCENTRATED LOADS

REFERENCE: 7/S1.11

HORIZONTAL BRIDGING REMOVAL:



CUT OUT EXISTING BRIDGING FROM SINGLE JOIST SPACE ONLY AND INSTALL NEW X-WELDED BRIDGING AT EACH TOP AND BOTTOM CHORD BRIDGING ROW LOCATION ON EACH SIDE OF OPENING AS SHOWN ABOVE. IF DECK IS IN PLACE, NEW X-WELDED BRIDGING IS ONLY REQUIRED AT BOTTOM CHORD BRIDGING LOCATIONS.

NOTE:
X-WELDED BRIDGING SHOWN ABOVE IS NOT BY CANAM.

BOLTED X-BRIDGING REMOVAL NOTE:
AFTER JOIST ERECTION BOLTED X-BRIDGING MAY BE REMOVED FROM A SINGLE JOIST SPACING. IF BOLTED X-BRIDGING REMOVAL IS REQUIRED IN TWO CONSECUTIVE JOIST SPACINGS CONTACT CANAM ENGINEER.

SINGLE JOIST SPACE DISCONTINUOUS BRIDGING PLACEMENT

AVAILABLE CONTRACT DRAWINGS

DWG. #	DWG. DATE	DWG. #	DWG. DATE
S0.0	5/16/2025	S2.00H	10/14/2024
S0.1	5/16/2025	S2.10	5/16/2025
S0.2	10/14/2024	S2.11	5/16/2025
S0.3	10/14/2024	S2.20	10/14/2024
S0.4	10/14/2024	S2.20A	5/16/2025
S0.5	10/14/2024	S2.20B	5/16/2025
S1.01	10/14/2024	S2.20C	5/16/2025
S1.02	10/14/2024	S2.20D	5/16/2025
S1.03	10/14/2024	S2.20E	5/16/2025
S1.11	10/14/2024	S2.20F	5/16/2025
S1.12	10/14/2024	S2.20G	5/16/2025
S1.21	10/14/2024	S2.20H	5/16/2025
S2.00	10/14/2024	S2.30	5/16/2025
S2.00A	10/14/2024	S2.31	10/14/2024
S2.00B	10/14/2024	S2.32	10/14/2024
S2.00C	10/14/2024	S2.33	5/16/2025
S2.00D	10/14/2024	S3.01	5/16/2025
D2.00E	10/14/2024	S4.01	5/16/2025
S2.00F	10/14/2024	S5.00	10/14/2024
S2.00G	10/14/2024	S6.00	10/14/2024

DRAWING INDEX

JOIST ERECTOR NOTES

1. MINIMUM DESIGN REQUIREMENTS TO BE PER STEEL JOIST INSTITUTE (SJI) LATEST EDITION, UNLESS OTHERWISE NOTED HEREIN.
2. PAINT - ONE PROVISIONAL SHOP COAT GRAY PRIMER (SPECIFICATIONS PROVIDED UPON REQUEST).
3. CAMBER WILL BE FURNISHED ON ALL JOISTS AND JOIST GIRDERS (SEE SJI LATEST EDITION FOR APPROXIMATE CAMBER) UNLESS SPECIFICALLY MODIFIED BY THE CONTRACT DOCUMENTS. CAMBER AND DEFLECTION MUST BE CONSIDERED WHEN DETAILING FRAMING ADJACENT OR FRAMING TO JOISTS OR GIRDERS.
4. THE DESIGN IS BASED UPON LOAD INFORMATION SPECIFICALLY SUBMITTED TO CANAM STEEL CORPORATION. NO SPECIAL LOADS OR OTHER FORCES HAVE BEEN PROVIDED FOR UNLESS PURCHASER HAS REQUESTED THEM IN WRITING. SUCH SPECIAL LOADS OR OTHER FORCES SHALL INCLUDE, WITHOUT LIMITATION; UPLIFT, CONCENTRATED LOADS FROM ROOF TOP UNITS, AXIAL LOADS FROM KICKER ANGLES, ETC.
5. JOISTS SHALL BE INSTALLED IN ACCORDANCE WITH OSHA 1926 SUBPART R. CONSULT THE OSHA SAFETY STANDARDS FOR SPECIFICS.
   - IN BAYS 60'-0" OR LESS, THE FOLLOWING APPLIES TO ANY COLUMN JOISTS OR JOISTS NEAR A COLUMN:
     - THE JOISTS HAVE NOT BEEN DESIGNED TO SUPPORT AN EMPLOYEE WITHOUT BRIDGING INSTALLED.
     - THE JOISTS ARE NOT OSHA JOISTS DESIGNED FOR STABILITY PER SUBPART R.
     - SPECIAL ERECTION METHODS MUST BE INCORPORATED.
     - EMPLOYERS WILL BE CONSIDERED TO BE IN COMPLIANCE WITH OSHA 1926 SUBPART R IF THEY ERECT THESE JOISTS EITHER BY: (1) INSTALLING BRIDGING OR OTHERWISE STABILIZING THE JOIST PRIOR TO RELEASING THE HOISTING CABLE, OR (2) RELEASING THE CABLE WITHOUT HAVING A WORKER ON THE JOISTS.
     - DO NOT ALLOW EMPLOYEES ON THESE JOISTS UNTIL ADEQUATELY STABILIZED.
   - IN BAYS GREATER THAN 60'-0", JOISTS AT OR NEAR COLUMNS SHALL BE ERECTED IN TANDEM (PAIR) WITH AN ADJACENT JOIST. ALL BRIDGING MUST BE INSTALLED BEFORE LIFTING AND THE PAIR OF JOISTS MUST BE SECURED TO THEIR SUPPORT BEFORE RELEASING THE HOISTING LINE. THIS REQUIREMENT MAY BE WAIVED UNDER CERTAIN CONDITIONS.

GENERAL NOTES

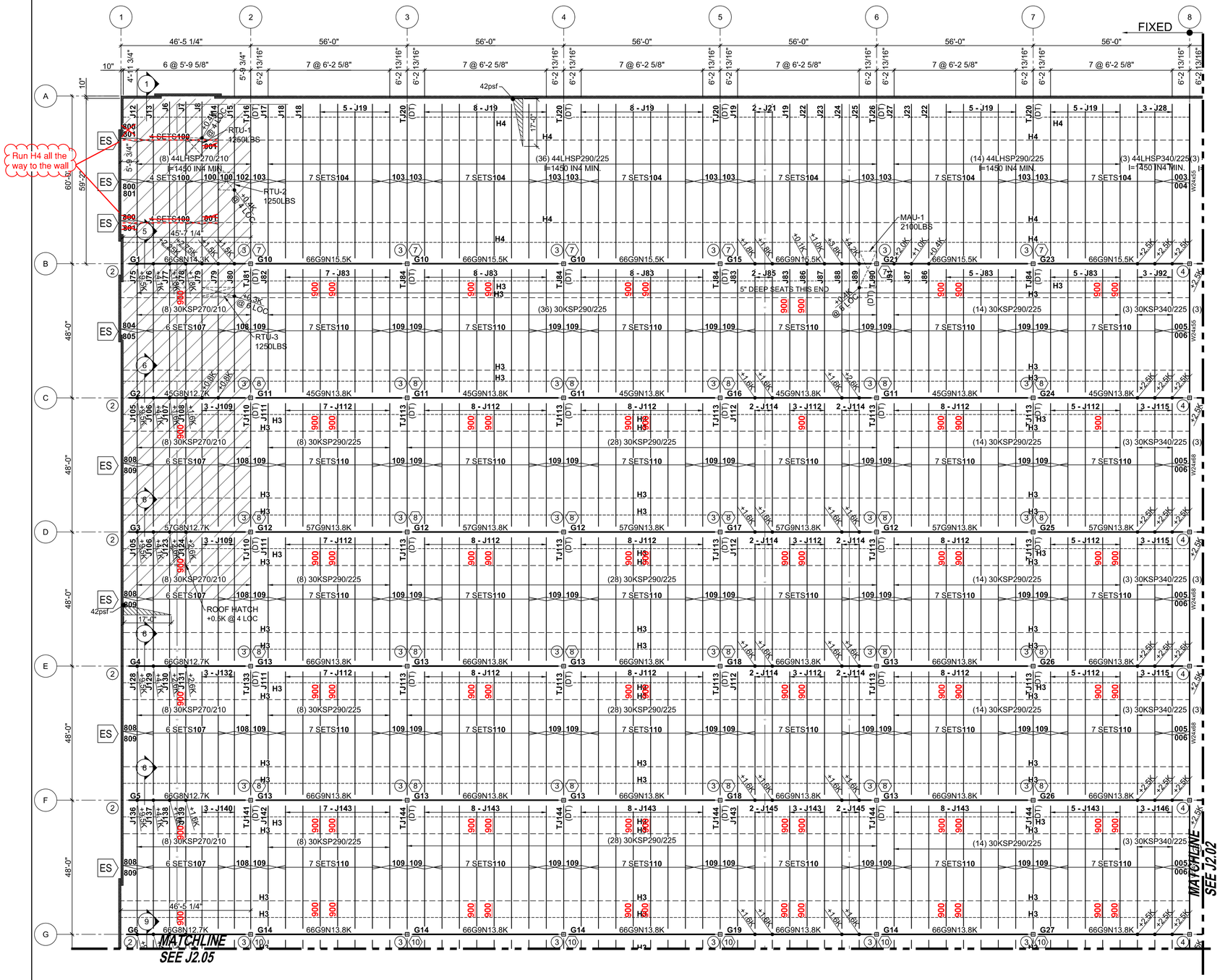
1. ANY DISCREPANCY IN DIMENSIONS, DETAILS, OR FABRICATION DISCOVERED DURING ERECTION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF CANAM STEEL CORPORATION, WHO SHALL HAVE THE OPTION OF EXAMINING THE PROBLEM AT THE JOB-SITE BEFORE ANY CORRECTIVE MEASURES ARE UNDERTAKEN. ALL REPAIRS AND REQUIRED ADDITIONAL EXPENSE MUST BE AUTHORIZED IN WRITING BY CANAM STEEL CORP., BEFORE ANY REPAIR WORK IS PERFORMED. CANAM STEEL CORP. WILL NOT BE RESPONSIBLE FOR ADDITIONAL EXPENSES FOR CORRECTIVE MEASURES UNDERTAKEN WITHOUT PRIOR APPROVAL.
2. ALL PRODUCTS PROVIDED BY CANAM STEEL CORPORATION IN CONNECTION WITH THIS DRAWING ARE SUBJECT TO CANAM STEEL CORPORATION'S STANDARD TERMS AND CONDITIONS FOR CANAM PRODUCT SALES. BY ACCEPTING THE PRODUCTS, THE PURCHASER ACKNOWLEDGES THAT THEY HAVE RECEIVED AND REVIEWED THESE TERMS AND CONDITIONS.
3. THE ISSUANCE OF THIS DRAWING DOES NOT CONSTITUTE THE ACCEPTANCE OF A CUSTOMERS ORDER.
4.
5. CANAM'S ERECTION DRAWINGS HEREIN WERE PREPARED USING THE STRUCTURAL PORTION OF THE CONTRACT DRAWINGS AS ITS PRIMARY GUIDE AND USING THE ARCHITECTURAL DRAWINGS (WHEN PROVIDED) ONLY FOR MISSING INFORMATION OR FOR CLARIFICATION. CANAM DOES NOT ACCEPT ANY RESPONSIBILITY FOR DISCREPANCIES BETWEEN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS.
6. THESE DRAWINGS ARE TO BE USED ONLY FOR THE ERECTION OF PRODUCTS SUPPLIED BY CANAM STEEL CORPORATION AS INDICATED BY AN ERECTION MARK ON THE PLANS AND/OR SECTIONS.
7. CANAM STEEL CORPORATION IS NOT RESPONSIBLE FOR HANDLING AND ERECTION OF MATERIALS IT SUPPLIES. THE DESIGN AND MANUFACTURE OF THE MATERIALS ASSUMES THAT THEY ARE HANDLED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. CANAM STEEL CORPORATION IS NOT RESPONSIBLE FOR ANY MISHANDLING OR FAILURE TO PROPERLY ERECT THE MATERIALS.
8. CANAM STEEL CORPORATION HAS NOT EXAMINED ANY FIELD CONDITIONS AND ASSUMES NO RESPONSIBILITY FOR ANY SITE CONDITIONS. PURCHASER MUST NOTIFY CANAM STEEL CORPORATION OF ANY DISCREPANCIES BETWEEN THE FIELD CONDITIONS AND CANAM STEEL CORPORATION'S FIELD USE DRAWINGS.
9. ANY MODIFICATION OF MATERIAL SUPPLIED BY CANAM STEEL CORPORATION WITHOUT PRIOR WRITTEN CONSENT WILL AUTOMATICALLY RELEASE CANAM FROM ALL LIABILITY WITH RESPECT TO SUCH MATERIAL.

DRAWING LEGEND

(00'-0")	= ELEVATION
[0"]	= SEAT DEPTH (WHEN NON-STANDARD)
<0.0K>	= AXIAL LOADS
ES	= ERECTION STABILITY BRIDGING (MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)
+0.0K	= POINT LOAD - AMOUNT WRITTEN ABOVE THE LINE
▶	= MOMENT CONNECTION
*	= SPECIAL USE
XX	= DENOTES JOIST CONNECTION
XX	= DENOTES GIRDER CONNECTION
"U"	= INDICATES X-WELDED BRIDGING TO BE PLACED AT FIRST BOTTOM CHORD PANEL POINTS. ALL OTHER X-WELDED ROWS TO BE EQUALLY SPACED BETWEEN THE FIRST BOTTOM CHORD PANEL POINTS.
	= ELEVATION CHANGE
	= MAY BE USED TO INDICATE BOLTED SEAT CONNECTION
TC	= TOP CHORD
BC	= BOTTOM CHORD
EOG	= END OF GIRDER
EOJ	= END OF JOIST
JBE	= JOIST BEARING ELEVATION
DT	= DANGER JOIST - NOT DESIGNED TO SUPPORT AN EMPLOYEE WITHOUT BRIDGING INSTALLED. SEE ERECTOR NOTES FOR ADDITIONAL INFORMATION.
TJ	= TIE JOIST
TOJ	= TOP OF JOIST
BOA	= BACK OF ANGLE
BOC	= BACK OF CHANNEL
FOW	= FACE OF WALL
IFW	= INSIDE FACE OF WALL
EJ	= EXPANSION JOINT
VIF	= VERIFY IN FIELD

REVISION NO.	DATE	DESCRIPTION

REFER TO SHEET JE1.01
FOR GENERAL NOTES



ROOF JOIST FRAMING PLAN 'A'

REF: S2.20A | SEQ: SEE PLAN

1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS, & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
3. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS WITH SPANS 40'-0" AND GREATER TO HAVE BOLTED CONNECTION.
6. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 12x12 UNO.
7. ○ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).
8. ◯ DENOTES GIRDER CONNECTION (SEE JOIST SECTIONS).
9. 900 - 920 KNEE BRACE ONLY IF REQ'D BY DESIGN, SEE PLAN FOR LOCATIONS.
10. DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC) @ GRIDLINES A & N.
11. ▨ INDICATES SNOW DRIFT.
12. ALL JOIST ENDS AND TOP CHORDS TO BE DESIGNED FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND 7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN LINE A & B AND M & N.
13. LIMIT JOIST & GIRDER DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD AND L/360 AT OFFICE AREAS WHERE INDICATED ▨ ON PLAN.

NET UPLIFT = SEE DIAGRAM ON DWG JE3.03

ADDITIONAL BRIDGING DUE TO UPLIFT

SEE JE3.02 FOR JOIST/BRIDGING DIAGRAM

ES = ERECTION STABILITY BRIDGING (MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)

- —— CONT. HORIZONTAL BRIDGING TYP @ TOP AND BOTTOM CHORDS. H3= L1 1/2x1 1/2x0.109 H4= L1 3/4x1 3/4x0.143
- 001 - 399 BOLTED-X BRIDGING L1 1/4x1 1/4x0.109
- 400 - 799 WELDED-X BRIDGING L1 1/4x1 1/4x0.109
- – – – UPLIFT BRIDGING TYP @ BOTTOM CHORD ONLY H3= L1 1/2x1 1/2x0.109 H4= L1 3/4x1 3/4x0.143

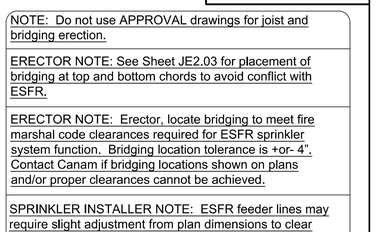
NOTE: Do not use APPROVAL drawings for joist and bridging erection.

ERECTOR NOTE: See Sheet JE2.03 for placement of bridging at top and bottom chords to avoid conflict with ESFR.

ERECTOR NOTE: Erector, locate bridging to meet fire marshal code clearances required for ESFR sprinkler system function. Bridging location tolerance is +or- 4". Contact Canam if bridging locations shown on plans and/or proper clearances cannot be achieved.

SPRINKLER INSTALLER NOTE: ESFR feeder lines may require slight adjustment from plan dimensions to clear some confined joist web members. Check with Fire Protection designer for limits on amount of adjustment.

SPRINKLER MAIN INSTALLER NOTE: ALL sprinkler mains, 4" and larger, shall have connections to joists be hung concentrically achieved by loading thru the type center of gravity of a single joist and/or by trapeze type hanger. Side mounting mains to a single joist is prohibited.



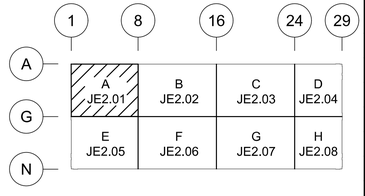
SEQUENCE PLAN

REVISION NO.	DATE	DESCRIPTION

FOR APPROVAL ONLY
NOT FOR FIELD USE

DATE SENT FOR FIELD USE:

DATE SENT FOR APPROVAL:



KEY PLAN

REFER TO SHEET JE1.01
FOR GENERAL NOTES

NOTE: Do not use APPROVAL drawings for joist and bridging erection.

ERECTOR NOTE: See Sheet JE2.03 for placement of bridging at top and bottom chords to avoid conflict with ESFR.

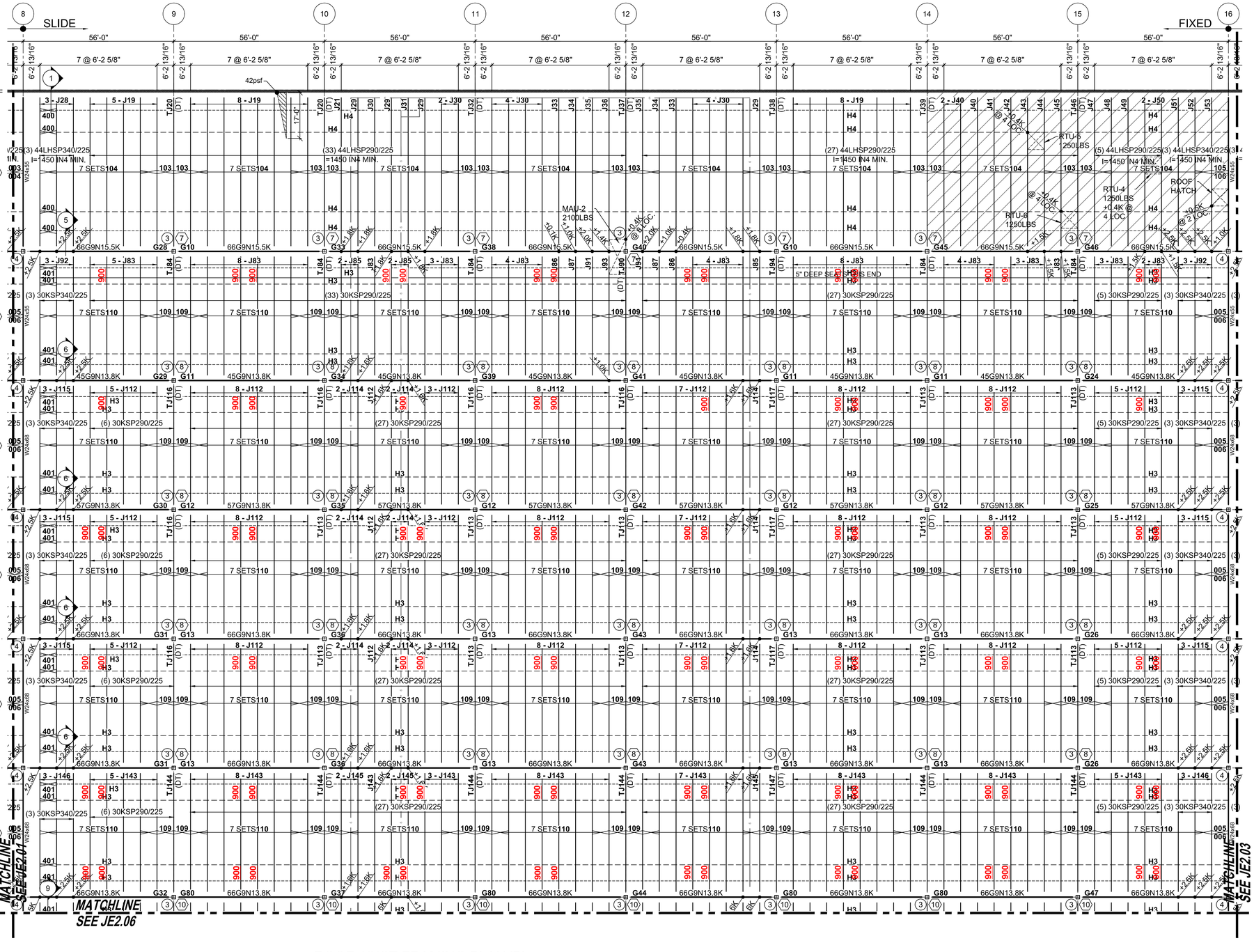
ERECTOR NOTE: Erector, locate bridging to meet fire marshal code clearances required for ESFR sprinkler system function. Bridging location tolerance is +or- 4". Contact Canam if bridging locations shown on plans and/or proper clearances cannot be achieved.

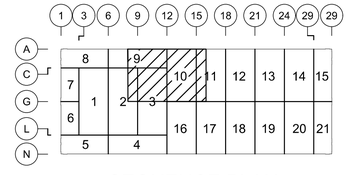
SPRINKLER INSTALLER NOTE: ESFR feeder lines may require slight adjustment from plan dimensions to clear some confined joist web members. Check with Fire Protection designer for limits on amount of adjustment.

SPRINKLER MAIN INSTALLER NOTE: ALL sprinkler mains, 4" and larger, shall have connections to joists be hung concentrically achieved by loading thru the center of gravity of a single joist and/or by trapeze type hanger. Side mounting mains to a single joist is prohibited.

ES = ERECTION STABILITY BRIDGING
(MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)

- —— —— CONT. HORIZONTAL BRIDGING
  TYP @ TOP AND BOTTOM CHORDS.
  H3= L1 1/2x1 1/2x0.109
  H4= L1 3/4x1 3/4x0.143
- 001 - 399
  BOLTED-X BRIDGING
  L1 1/4x1 1/4x0.109
- 400 - 799
  WELDED-X BRIDGING
  L1 1/4x1 1/4x0.109
- — — — — UPLIFT BRIDGING
  TYP @ BOTTOM CHORD ONLY
  H3= L1 1/2x1 1/2x0.109
  H4= L1 3/4x1 3/4x0.143





SEQUENCE PLAN

REVISION NO.	DATE	DESCRIPTION

FOR APPROVAL ONLY
NOT FOR FIELD USE

DATE SENT FOR FIELD USE:

DATE SENT FOR APPROVAL:

ROOF JOIST FRAMING PLAN 'B'

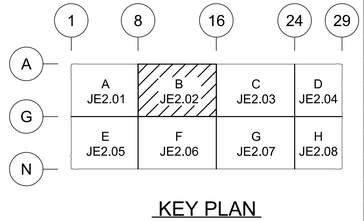
REF: S2.20B SEQ: SEE PLAN

1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS, & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
3. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS WITH SPANS 40'-0" AND GREATER TO HAVE BOLTED CONNECTION.
6. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 12x12 UNO.
7. ○ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).
8. ○ DENOTES GIRDER CONNECTION (SEE JOIST SECTIONS).
9. 900 - 920 KNEE BRACE ONLY IF REQ'D BY DESIGN, SEE PLAN FOR LOCATIONS.
10. DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC) @ GRIDLINES A & N.
11. ▱▱ INDICATES SNOW DRIFT.
12. ALL JOIST ENDS AND TOP CHORDS TO BE DESIGNED FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND 7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN LINE A & B AND M & N.
13. LIMIT JOIST & GIRDER DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD AND L/360 AT OFFICE AREAS WHERE INDICATED ▨ ON PLAN.

NET UPLIFT = SEE DIAGRAM ON DWG JE3.03

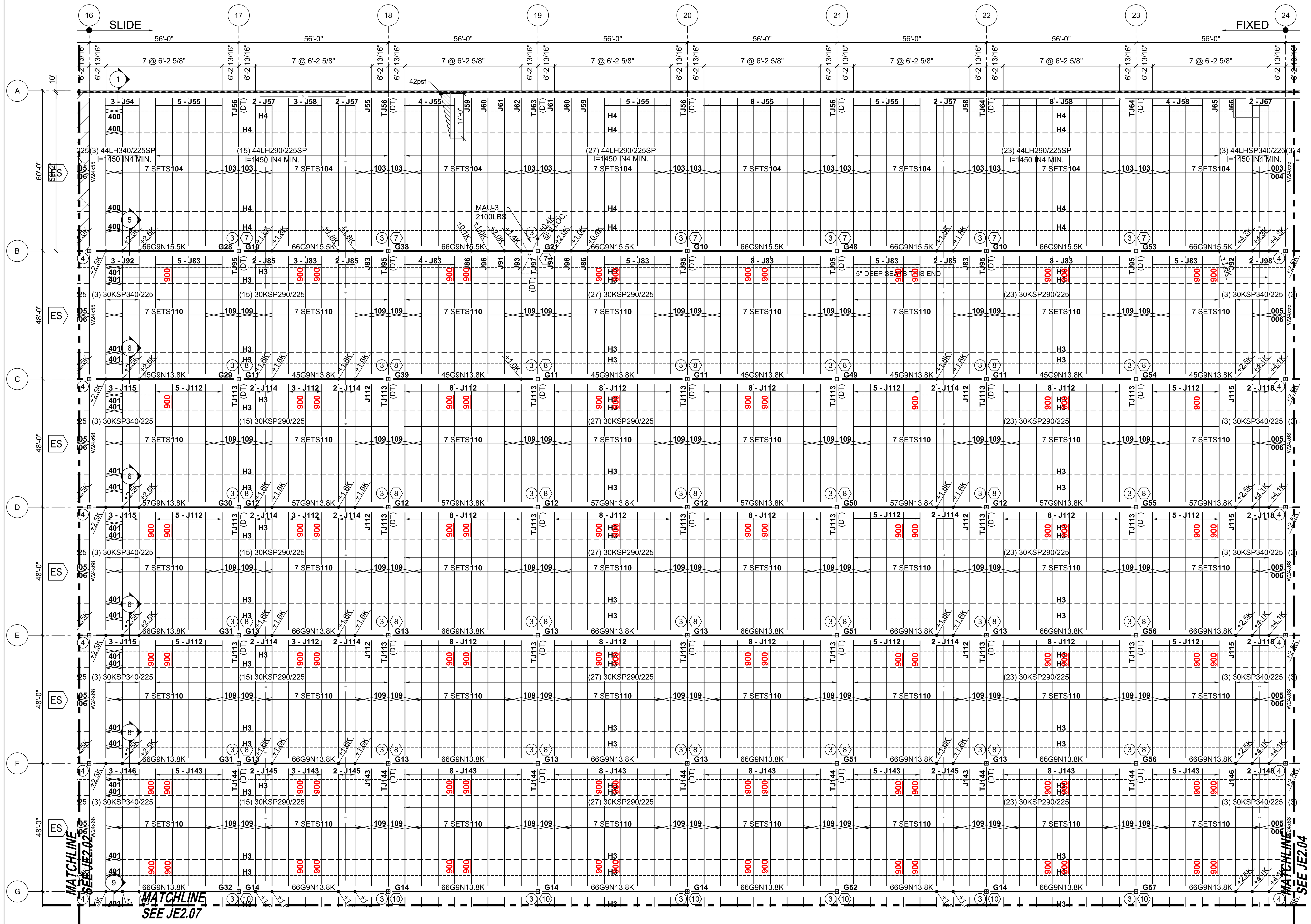
ADDITIONAL BRIDGING DUE TO UPLIFT

SEE JE3.02 FOR JOIST/BRIDGING DIAGRAM



KEY PLAN

REFER TO SHEET JE1.01 FOR GENERAL NOTES



NOTE: Do not use APPROVAL drawings for joist and bridging erection.

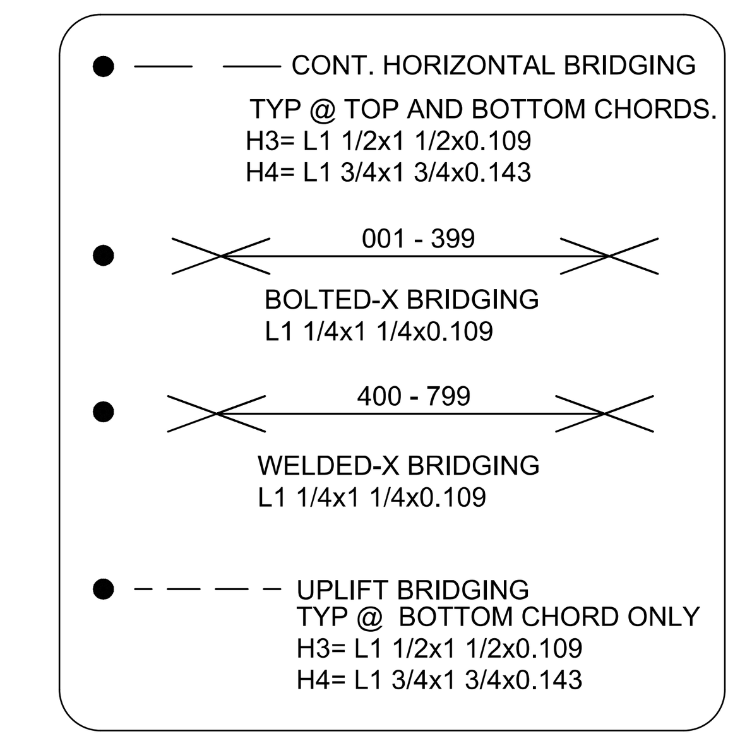
ERECTOR NOTE: See Sheet JE2.03 for placement of bridging at top and bottom chords to avoid conflict with ESFR.

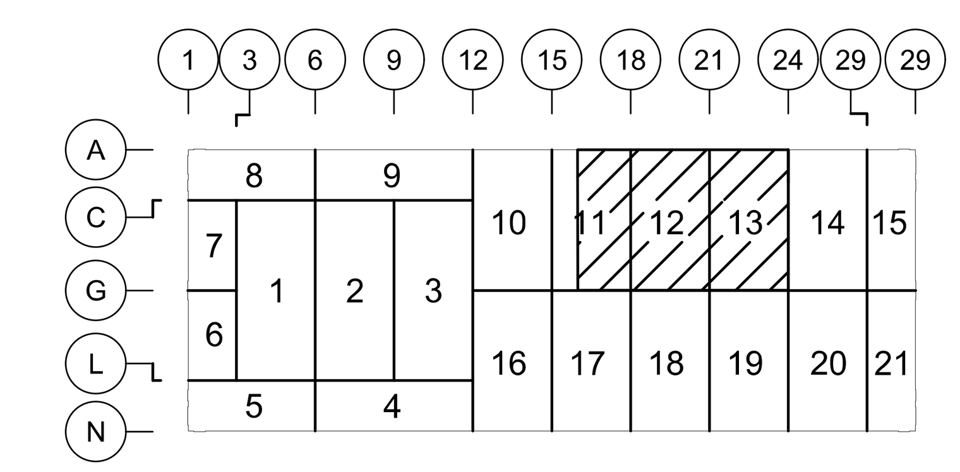
ERECTOR NOTE: Erector, locate bridging to meet fire marshal code clearances required for ESFR sprinkler system function. Bridging location tolerance is +or- 4". Contact Canam if bridging locations shown on plans and/or proper clearances cannot be achieved.

SPRINKLER INSTALLER NOTE: ESFR feeder lines may require slight adjustment from plan dimensions to clear some confined joist web members. Check with Fire Protection designer for limits on amount of adjustment.

SPRINKLER MAIN INSTALLER NOTE: ALL sprinkler mains, 4" and larger, shall have connections to joists be hung concentrically achieved by loading thru the center of gravity of a single joist and/or by trapeze type hanger. Side mounting mains to a single joist is prohibited.

ES = ERECTION STABILITY BRIDGING (MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)





SEQUENCE PLAN

REVISION NO.	DATE	DESCRIPTION

FOR APPROVAL ONLY
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DATE SENT FOR FIELD USE:

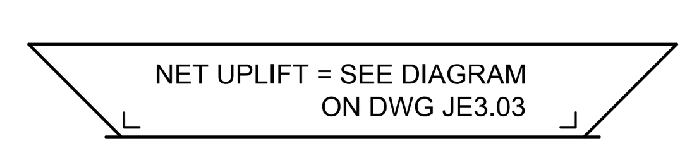
DATE SENT FOR APPROVAL:

ROOF JOIST FRAMING PLAN 'C'

REF: S2.20C

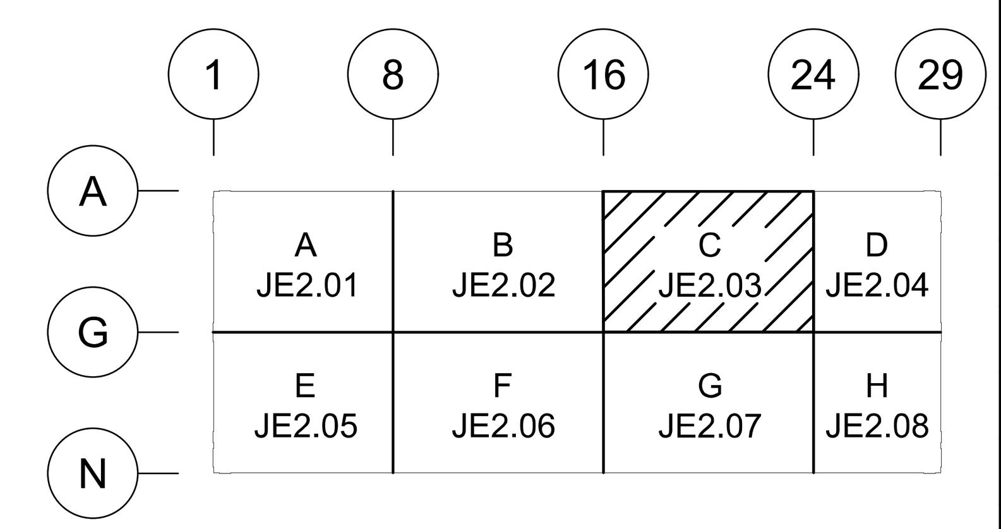
SEQ: SEE PLAN

1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS, & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
3. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS WITH SPANS 40'-0" AND GREATER TO HAVE BOLTED CONNECTION.
6. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 12x12 UNO.
7. ⬡ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).
8. ○ DENOTES GIRDER CONNECTION (SEE JOIST SECTIONS).
9. 900 - 920 KNEE BRACE ONLY IF REQ'D BY DESIGN, SEE PLAN FOR LOCATIONS.
10. DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC) @ GRIDLINES A & N.
11. INDICATES SNOW DRIFT.
12. ALL JOIST ENDS AND TOP CHORDS TO BE DESIGNED FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND 7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN LINE A & B AND M & N.



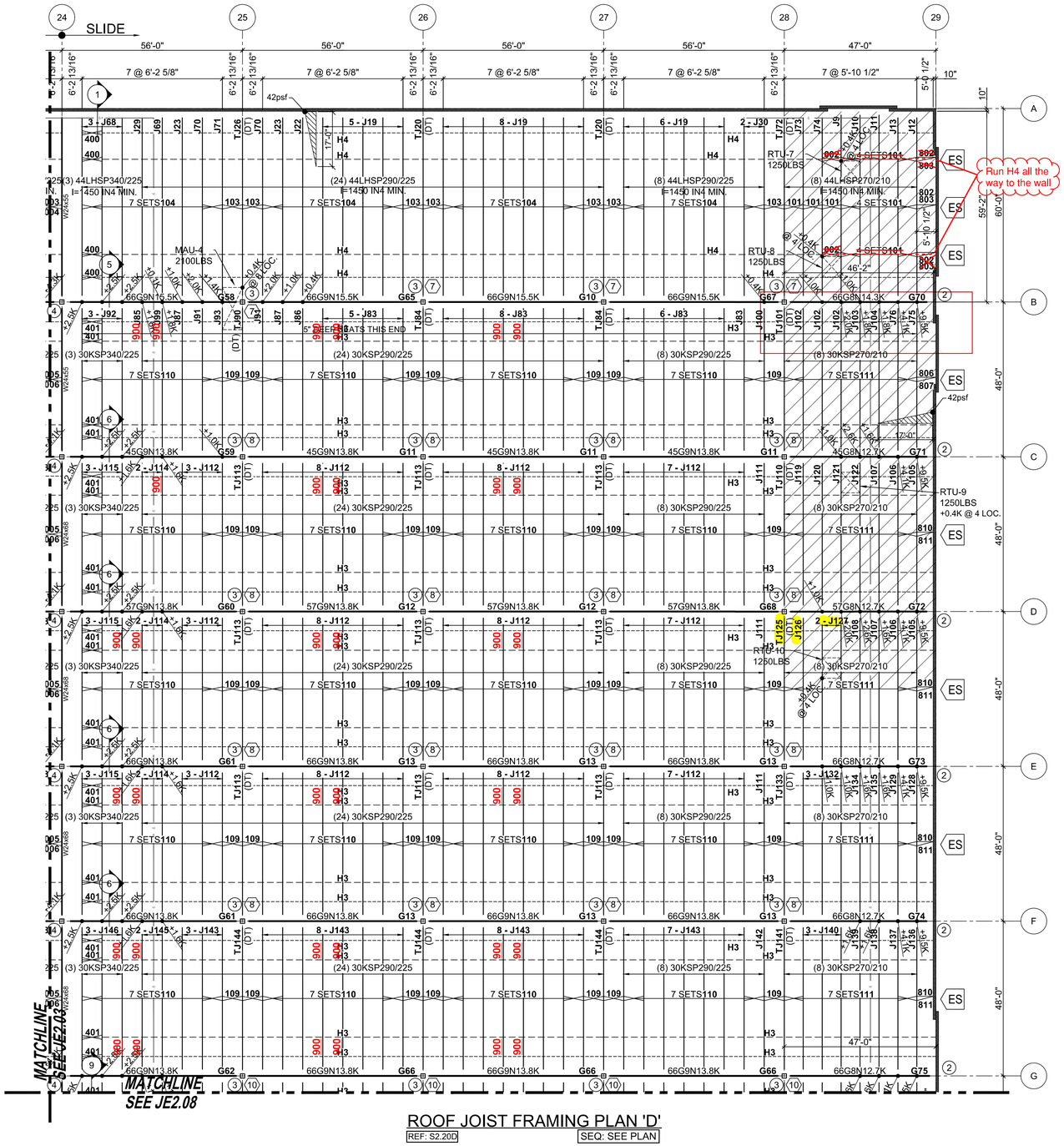
ADDITIONAL BRIDGING DUE TO UPLIFT

SEE JE3.02 FOR JOIST/BRIDGING DIAGRAM



KEY PLAN

REFER TO SHEET JE1.01
FOR GENERAL NOTES



ROOF JOIST FRAMING PLAN 'D'

REF: S2.20D | SEQ: SEE PLAN

1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS, & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
3. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS WITH SPANS 40'-0" AND GREATER TO HAVE BOLTED CONNECTION.
6. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 12x12 UNO.
7. ◯ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).
8. ◯ DENOTES GIRDER CONNECTION (SEE JOIST SECTIONS).
9. 900 - 920 KNEE BRACE ONLY IF REQ'D BY DESIGN, SEE PLAN FOR LOCATIONS.
10. DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC) @ GRIDLINES A & N.
11. ▱▱ INDICATES SNOW DRIFT.
12. ALL JOIST ENDS AND TOP CHORDS TO BE DESIGNED FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND 7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN LINE A & B AND M & N.
13. LIMIT JOIST & GIRDER DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD AND L/360 AT OFFICE AREAS WHERE INDICATED ▨ ON PLAN.

NET UPLIFT = SEE DIAGRAM ON DWG JE3.03

ADDITIONAL BRIDGING DUE TO UPLIFT

SEE JE3.02 FOR JOIST/BRIDGING DIAGRAM

ES = ERECTION STABILITY BRIDGING (MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)

- CONT. HORIZONTAL BRIDGING
  TYP @ TOP AND BOTTOM CHORDS.
  H3= L1 1/2x1 1/2x0.109
  H4= L1 3/4x1 3/4x0.143
- 001 - 399
  BOLTED-X BRIDGING
  L1 1/4x1 1/4x0.109
- 400 - 799
  WELDED-X BRIDGING
  L1 1/4x1 1/4x0.109
- UPLIFT BRIDGING
  TYP @ BOTTOM CHORD ONLY
  H3= L1 1/2x1 1/2x0.109
  H4= L1 3/4x1 3/4x0.143

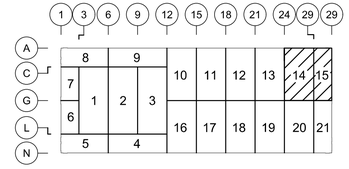
NOTE: Do not use APPROVAL drawings for joist and bridging erection.

ERECTOR NOTE: See Sheet JE2.03 for placement of bridging at top and bottom chords to avoid conflict with ESFR.

ERECTOR NOTE: Erector, locate bridging to meet fire marshal code clearances required for ESFR sprinkler system function. Bridging location tolerance is +or- 4". Contact Canam if bridging locations shown on plans and/or proper clearances cannot be achieved.

SPRINKLER INSTALLER NOTE: ESFR feeder lines may require slight adjustment from plan dimensions to clear some confined joist web members. Check with Fire Protection designer for limits on amount of adjustment.

SPRINKLER MAIN INSTALLER NOTE: ALL sprinkler mains, 4" and larger, shall have connections to joists be hung concentrically achieved by loading thru the center of gravity of a single joist and/or by trapeze type hanger. Side mounting mains to a single joist is prohibited.



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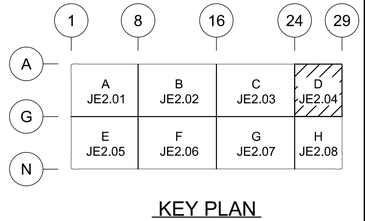
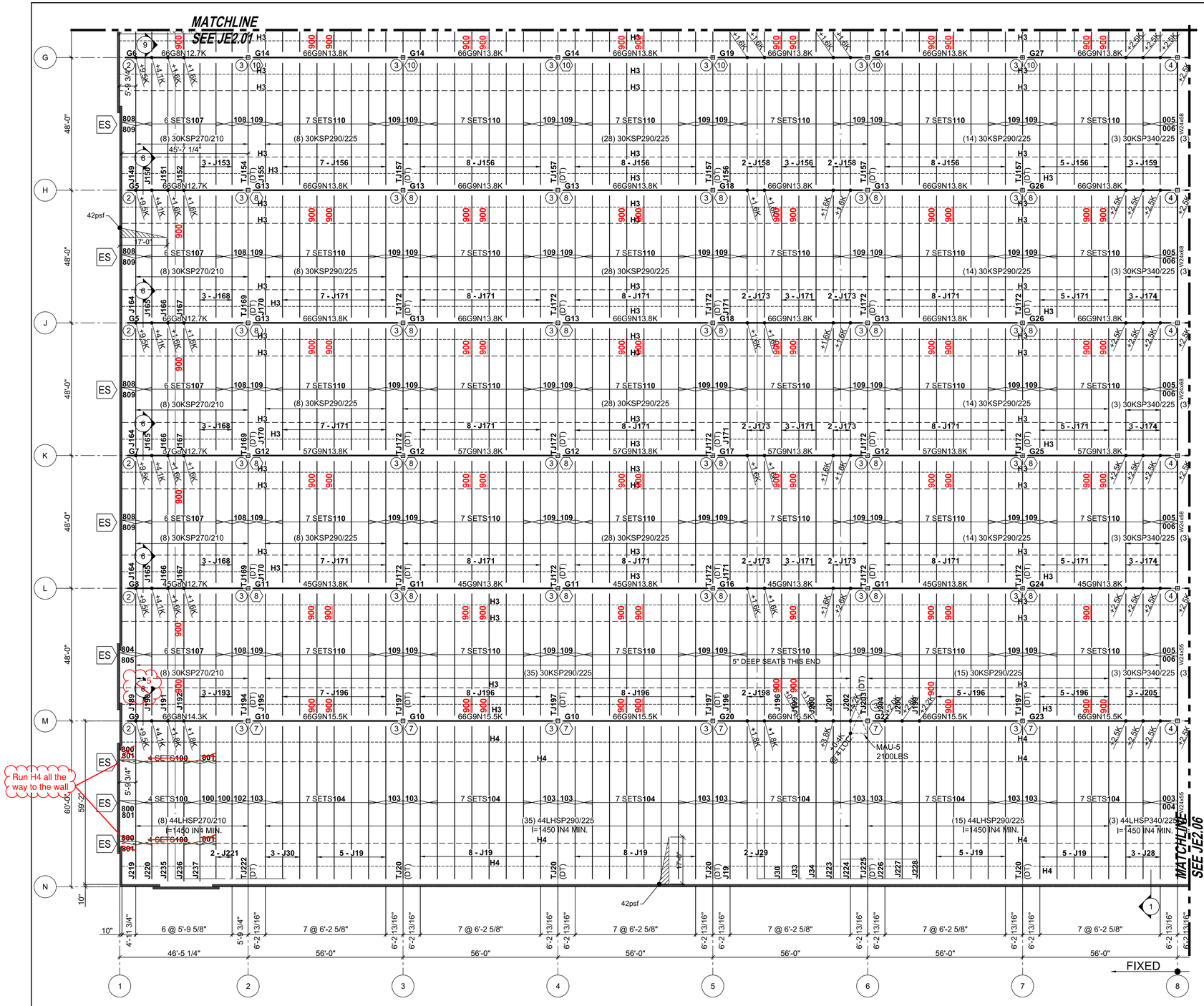


KEY PLAN



REFER TO SHEET JE1.01 FOR GENERAL NOTES

NOTE: Do not use APPROVAL drawings for joist and bridging erection.

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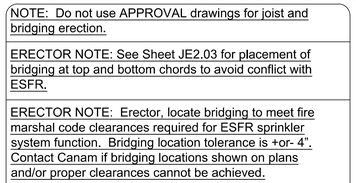
ES = ERECTION STABILITY BRIDGING (MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)

- CONT. HORIZONTAL BRIDGING TYP @ TOP AND BOTTOM CHORDS. H3= L1 1/2x1 1/2x0.109 H4= L1 3/4x1 3/4x0.143
- 001 - 399 BOLTED-X BRIDGING L1 1/4x1 1/4x0.109
- 400 - 799 WELDED-X BRIDGING L1 1/4x1 1/4x0.109
- UPLIFT BRIDGING TYP @ BOTTOM CHORD ONLY H3= L1 1/2x1 1/2x0.109 H4= L1 3/4x1 3/4x0.143



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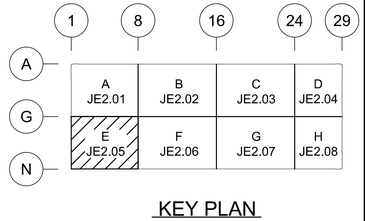

KEY PLAN

ROOF JOIST FRAMING PLAN 'E'

REF: S2.20E SEQ: SEE PLAN

1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS, & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
3. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS WITH SPANS 40'-0" AND GREATER TO HAVE BOLTED CONNECTION.
6. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 12x12 UNO.
7. ◯ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).
8. ◯ DENOTES GIRDER CONNECTION (SEE JOIST SECTIONS).
9. 900 - 920 KNEE BRACE ONLY IF REQ'D BY DESIGN, SEE PLAN FOR LOCATIONS.
10. DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC) @ GRIDLINES A & N.
11. ▨ INDICATES SNOW DRIFT.
12. ALL JOIST ENDS AND TOP CHORDS TO BE DESIGNED FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND 7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN LINE A & B AND M & N.

NET UPLIFT = SEE DIAGRAM ON DWG JE3.03

ADDITIONAL BRIDGING DUE TO UPLIFT

SEE JE3.02 FOR JOIST/BRIDGING DIAGRAM

REFER TO SHEET JE1.01
FOR GENERAL NOTES

NOTE: Do not use APPROVAL drawings for joist and bridging erection.

ERECTOR NOTE: See Sheet JE2.03 for placement of bridging at top and bottom chords to avoid conflict with ESFR.

ERECTOR NOTE: Erector, locate bridging to meet fire marshal code clearances required for ESFR sprinkler system function. Bridging location tolerance is +or- 4". Contact Canam if bridging locations shown on plans and/or proper clearances cannot be achieved.

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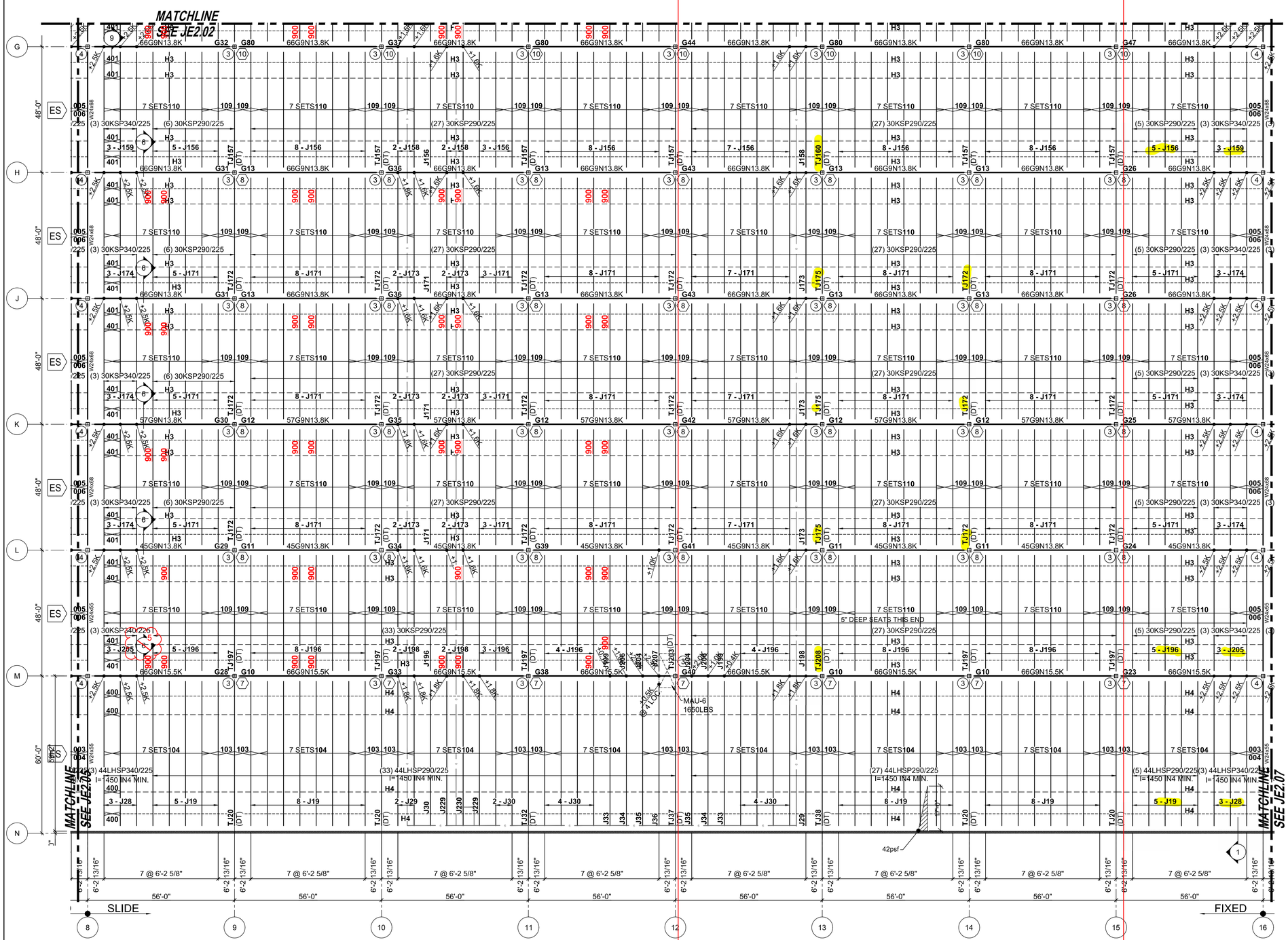
ES = ERECTION STABILITY BRIDGING (MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)

- CONT. HORIZONTAL BRIDGING TYP @ TOP AND BOTTOM CHORDS. H3= L1 1/2x1 1/2x0.109 H4= L1 3/4x1 3/4x0.143
- 001 - 399 BOLTED-X BRIDGING L1 1/4x1 1/4x0.109
- 400 - 799 WELDED-X BRIDGING L1 1/4x1 1/4x0.109
- UPLIFT BRIDGING TYP @ BOTTOM CHORD ONLY H3= L1 1/2x1 1/2x0.109 H4= L1 3/4x1 3/4x0.143



ROOF JOIST FRAMING PLAN 'F'

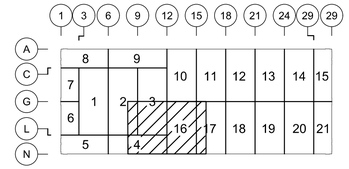
REF: S2.20F SEQ: SEE PLAN

1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS, & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
3. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS WITH SPANS 40'-0" AND GREATER TO HAVE BOLTED CONNECTION.
6. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 12x12 UNO.
7. ◯ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).
8. ◯ DENOTES GIRDER CONNECTION (SEE JOIST SECTIONS).
9. 900 - 920 KNEE BRACE ONLY IF REQ'D BY DESIGN, SEE PLAN FOR LOCATIONS.
10. DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC) @ GRIDLINES A & N.
11. ▱▱ INDICATES SNOW DRIFT.
12. ALL JOIST ENDS AND TOP CHORDS TO BE DESIGNED FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND 7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN LINE A & B AND M & N.

NET UPLIFT = SEE DIAGRAM ON DWG JE3.03

ADDITIONAL BRIDGING DUE TO UPLIFT

SEE JE3.02 FOR JOIST/BRIDGING DIAGRAM



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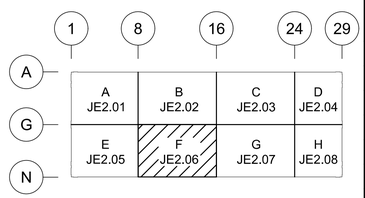
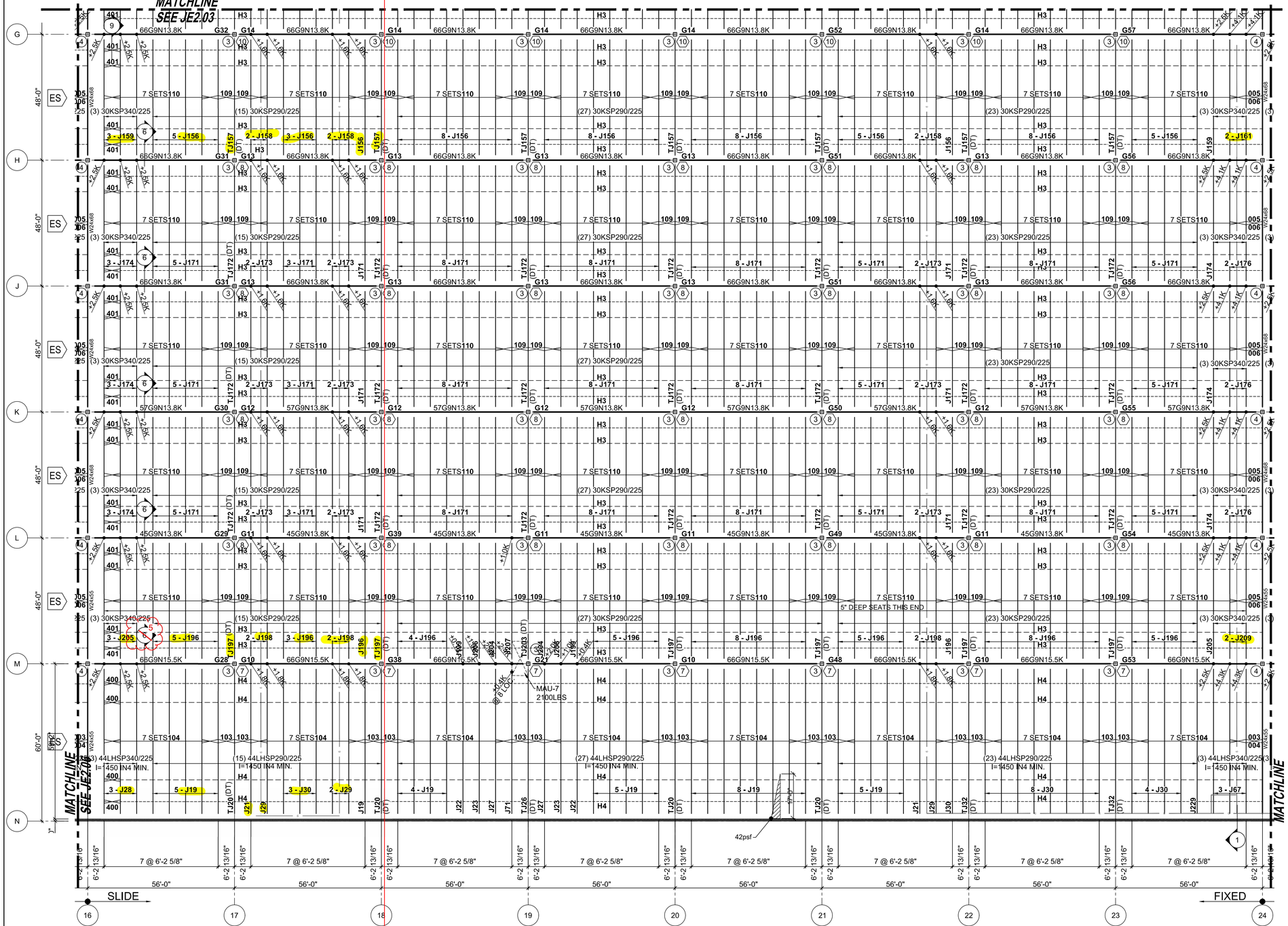


KEY PLAN



REFER TO SHEET JE1.01 FOR GENERAL NOTES

NOTE: Do not use APPROVAL drawings for joist and bridging erection.

ERECTOR NOTE: See Sheet JE2.03 for placement of bridging at top and bottom chords to avoid conflict with ESFR.

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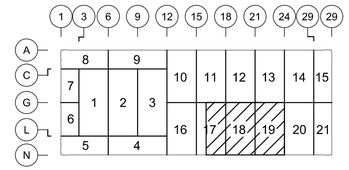
ES = ERECTION STABILITY BRIDGING (MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)

- CONT. HORIZONTAL BRIDGING
  TYP @ TOP AND BOTTOM CHORDS.
  H3= L1 1/2x1 1/2x0.109
  H4= L1 3/4x1 3/4x0.143
- 001 - 399
  BOLTED-X BRIDGING
  L1 1/4x1 1/4x0.109
- 400 - 799
  WELDED-X BRIDGING
  L1 1/4x1 1/4x0.109
- UPLIFT BRIDGING
  TYP @ BOTTOM CHORD ONLY
  H3= L1 1/2x1 1/2x0.109
  H4= L1 3/4x1 3/4x0.143



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NET UPLIFT = SEE DIAGRAM ON DWG JE3.03

ADDITIONAL BRIDGING DUE TO UPLIFT
SEE JE3.02 FOR JOIST/BRIDGING DIAGRAM

1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS, & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
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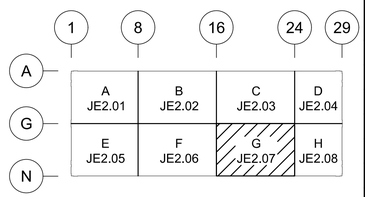
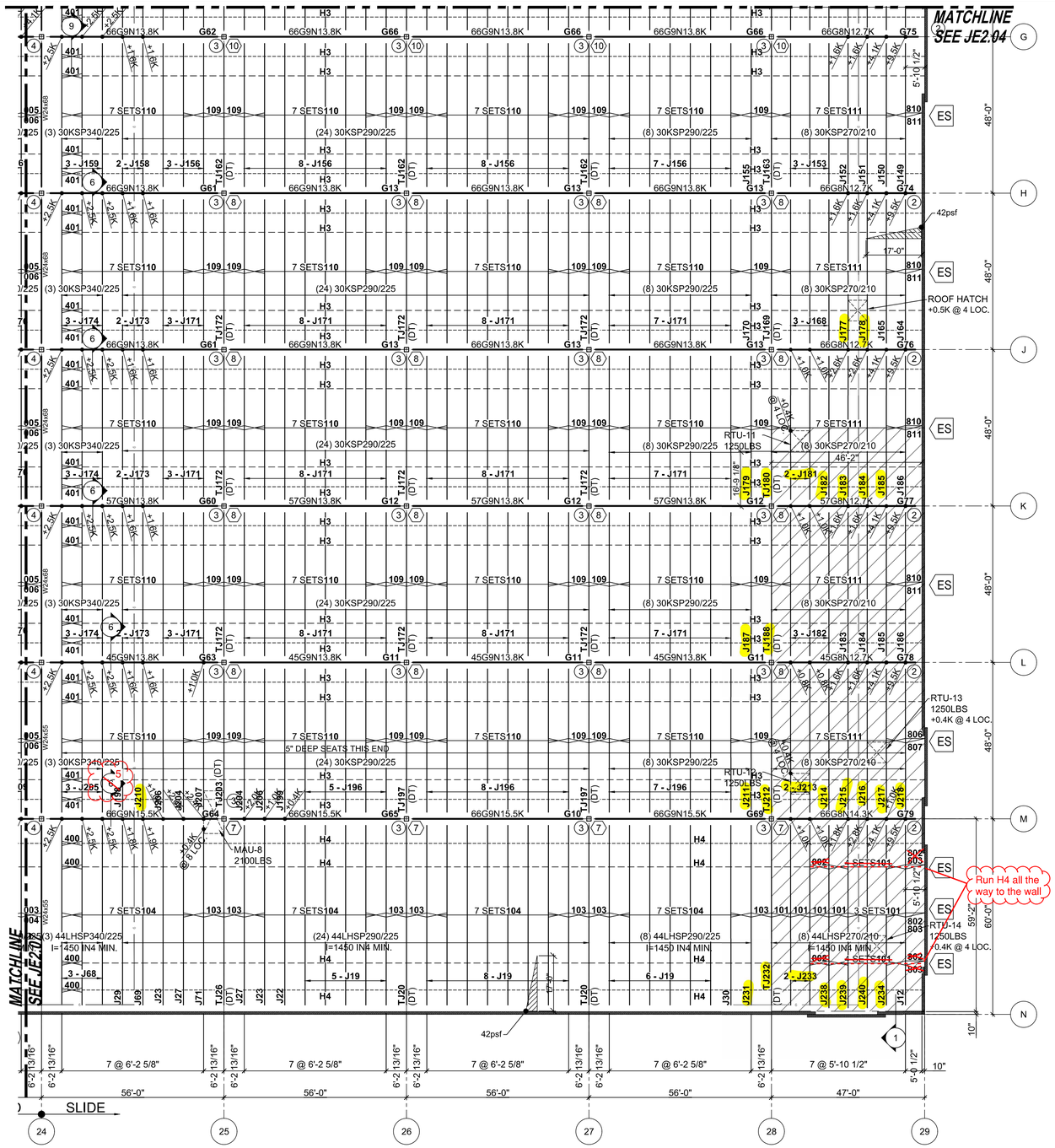
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS WITH SPANS 40'-0" AND GREATER TO HAVE BOLTED CONNECTION.
6. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 12x12 UNO.
7. ◯ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).
8. ◯ DENOTES GIRDER CONNECTION (SEE JOIST SECTIONS).
9. 500 - 820 KNEE BRACE ONLY IF REQ'D BY DESIGN, SEE PLAN FOR LOCATIONS.
10. DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC) @ GRIDLINES A & N.
11. ▨ INDICATES SNOW DRIFT.
12. ALL JOIST ENDS AND TOP CHORDS TO BE DESIGNED FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND 7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN LINE A & B AND M & N.



KEY PLAN



REFER TO SHEET JE1.01 FOR GENERAL NOTES

NOTE: Do not use APPROVAL drawings for joist and bridging erection.

ERECTOR NOTE: See Sheet JE2.03 for placement of bridging at top and bottom chords to avoid conflict with ESFR.

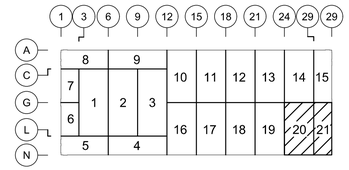
ERECTOR NOTE: Erector, locate bridging to meet fire marshal code clearances required for ESFR sprinkler system function. Bridging location tolerance is +or- 4". Contact Canam if bridging locations shown on plans and/or proper clearances cannot be achieved.

SPRINKLER INSTALLER NOTE: ESFR feeder lines may require slight adjustment from plan dimensions to clear some confined joist web members. Check with Fire Protection designer for limits on amount of adjustment.

SPRINKLER MAIN INSTALLER NOTE: ALL sprinkler mains, 4" and larger, shall have connections to joists be hung concentrically achieved by loading thru the center of gravity of a single joist and/or by trapeze type hanger. Side mounting mains to a single joist is prohibited.

ES = ERECTION STABILITY BRIDGING (MUST BE IN PLACE PRIOR TO RELEASING HOISTING LINES.)

- CONT. HORIZONTAL BRIDGING
  TYP @ TOP AND BOTTOM CHORDS.
  H3= L1 1/2x1 1/2x0.109
  H4= L1 3/4x1 3/4x0.143
- 001 - 399
  BOLTED-X BRIDGING
  L1 1/4x1 1/4x0.109
- 400 - 799
  WELDED-X BRIDGING
  L1 1/4x1 1/4x0.109
- UPLIFT BRIDGING
  TYP @ BOTTOM CHORD ONLY
  H3= L1 1/2x1 1/2x0.109
  H4= L1 3/4x1 3/4x0.143



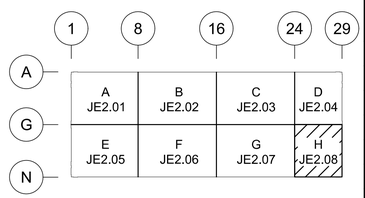
SEQUENCE PLAN

REVISION NO.	DATE	DESCRIPTION

FOR APPROVAL ONLY
NOT FOR FIELD USE

DATE SENT FOR FIELD USE:

DATE SENT FOR APPROVAL:



KEY PLAN

ROOF JOIST FRAMING PLAN 'H'

REF: S2.20H SEQ: SEE PLAN

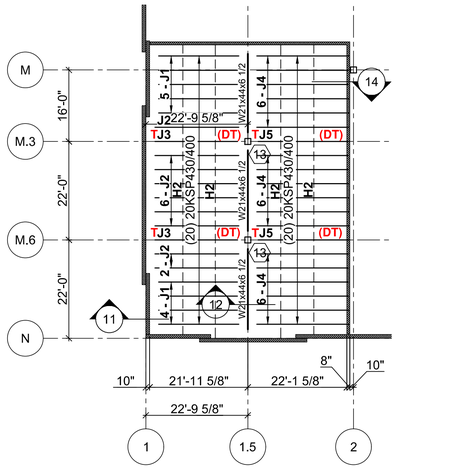
1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS, & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
3. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS WITH SPANS 40'-0" AND GREATER TO HAVE BOLTED CONNECTION.
6. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 12x12 UNO.
7. ◯ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).
8. ◯ DENOTES GIRDER CONNECTION (SEE JOIST SECTIONS).
9. 900 - 920 KNEE BRACE ONLY IF REQ'D BY DESIGN, SEE PLAN FOR LOCATIONS.
10. DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC) @ GRIDLINES A & N.
11. ▨ INDICATES SNOW DRIFT.
12. ALL JOIST ENDS AND TOP CHORDS TO BE DESIGNED FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND 7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN LINE A & B AND M & N.
13. LIMIT JOIST & GIRDER DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD AND L/360 AT OFFICE AREAS WHERE INDICATED ▨ ON PLAN.

NET UPLIFT = SEE DIAGRAM ON DWG JE3.03

ADDITIONAL BRIDGING DUE TO UPLIFT

SEE JE3.02 FOR JOIST/BRIDGING DIAGRAM

REFER TO SHEET JE1.01
FOR GENERAL NOTES



MEZZANINE JOIST FRAMING PLAN

REF: S2.11

SEQ. 1.5

1. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
2. REFERENCE "TYPICAL JOIST REINFORCEMENT" DETAIL ON JOIST DRAWING JE1.01.
3. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
4. FOR SECTIONS SEE DWG JE3.01
5. ALL JOISTS AND JOIST GIRDER BEARING COL'S ARE HSS 8x8 UNO.
6. ⬡ DENOTES JOIST CONNECTION (SEE JOIST SECTIONS).

● —— —— CONT. HORIZONTAL BRIDGING
TYP @ TOP AND BOTTOM CHORDS.
H2= L1 1/4x1 1/4x0.109

REVISION NO.	DATE	DESCRIPTION

FOR APPROVAL ONLY
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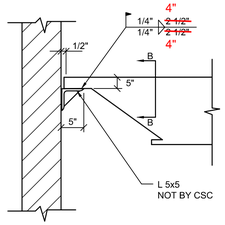
DATE SENT FOR FIELD USE:

DATE SENT FOR APPROVAL:

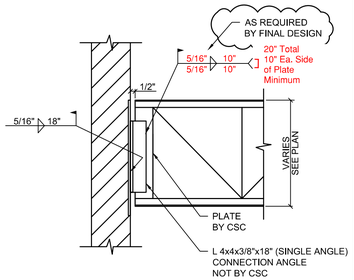
3.25K ROLLOVER

DETAIL B-B



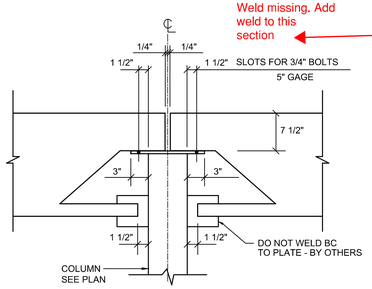
JOIST SECTION 1

(REF: PER RFI 001 RESPONSE 3/25/2025)



GIRDER SECTION 2

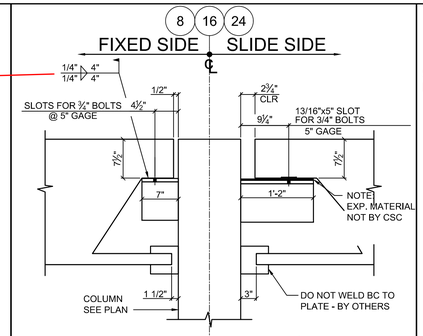
(REF: PER RFI 001 RESPONSE3/25/2025)



GIRDER SECTION 3

BOLTS NOT BY CSC

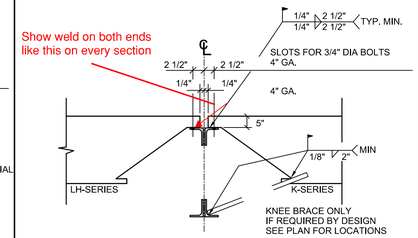
(REF: 4/S1.11, STEEL E DRAWINGS)



GIRDER SECTION 4

BOLTS NOT BY CSC

(REF: 5/S4.01, PER GALASR QUERY 04 3/28/2025, STEEL E DRAWINGS)

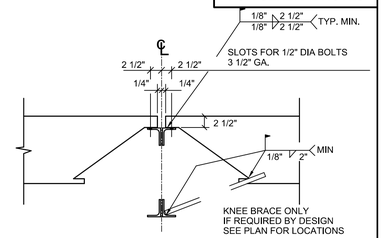


JOIST SECTION 5

BOLTS BY CSC

(REF: 1/S1.11)

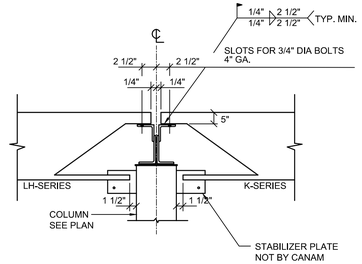
REFER TO SHEET JE1.01
FOR GENERAL NOTES



JOIST SECTION 6

BOLTS BY CSC

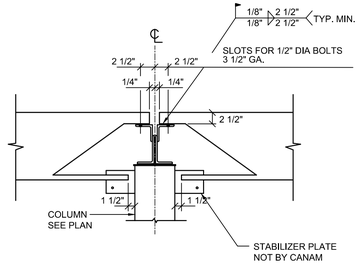
(REF: 1/S1.11)



JOIST SECTION 7

BOLTS BY CSC

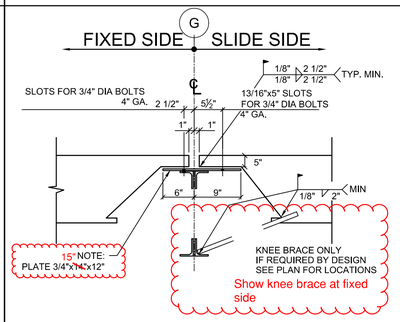
(REF: 3/S1.11)



JOIST SECTION 8

BOLTS BY CSC

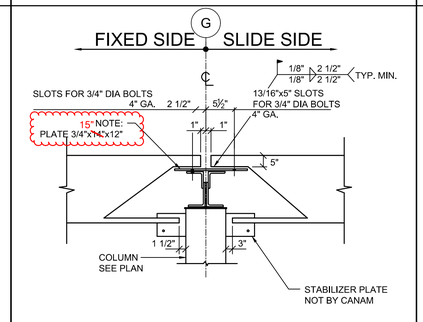
(REF: 3/S1.11)



JOIST SECTION 9

BOLTS BY CSC

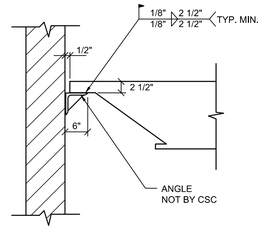
(REF: 7/S4.01, PER GALASR QUERY 04 3/28/2025)



JOIST SECTION 10

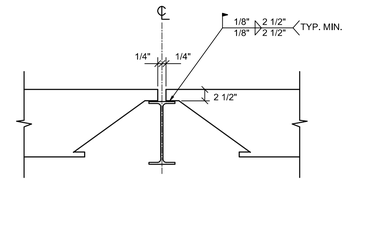
BOLTS BY CSC

(REF: 3/S1.11, 7/S4.01, PER GALASR QUERY 04 3/28/2025)



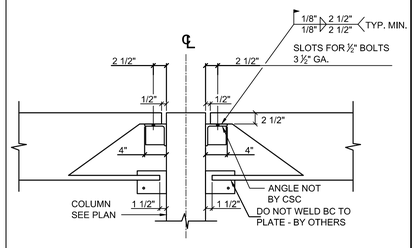
JOIST SECTION 11

(REF: 4/S2.11)



JOIST SECTION 12

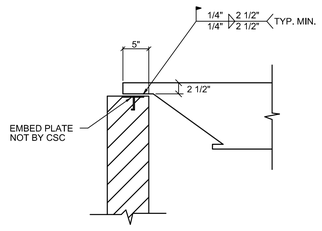
(REF: NONE PROVIDED)



JOIST SECTION 13

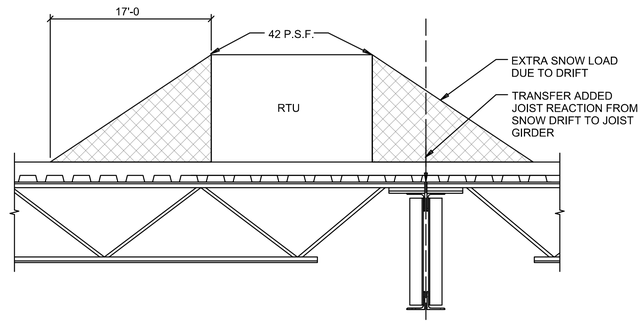
BOLTS NOT BY CSC

(REF: PER RFI 004 RESPONSE 3/25/2025, STEEL E DRAWINGS)



JOIST SECTION 14

(REF: 7/S2.11)



SNOW DRIFT LOADING DIAGRAM AT ROOF TOP UNITS

REF: 2/S1.12

REVISION NO.	DATE	DESCRIPTION

FOR APPROVAL ONLY
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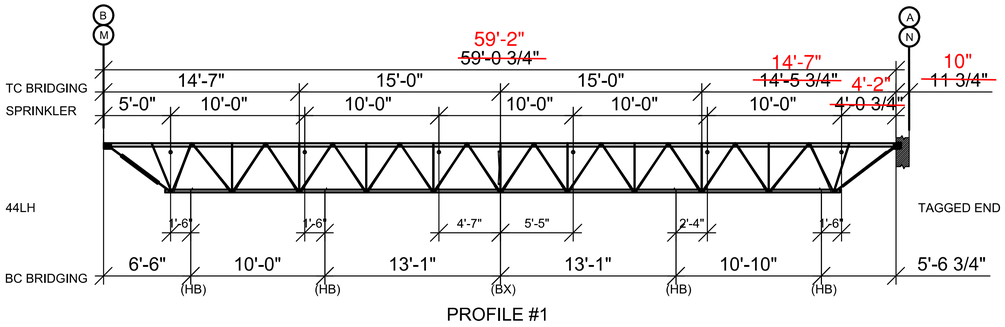
DATE SENT FOR FIELD USE:

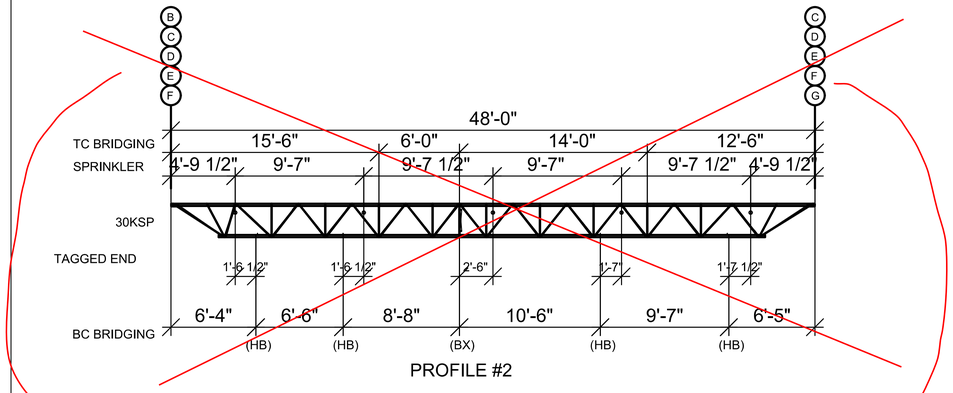
DATE SENT FOR APPROVAL:

REFER TO SHEET JE1.01
FOR GENERAL NOTES



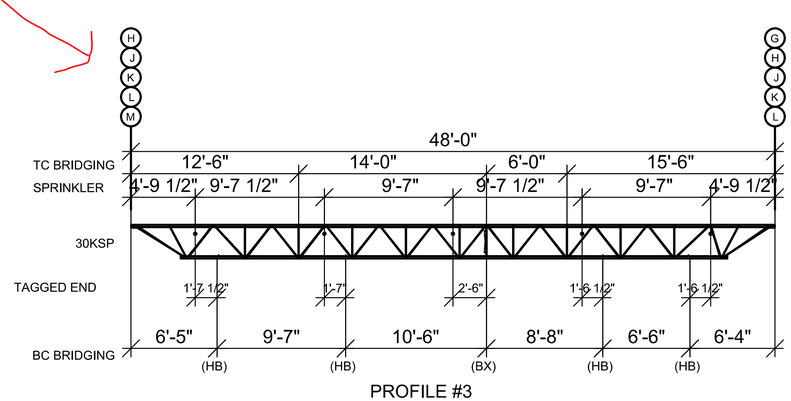
PROFILE #1

See revised Cad file in folder 2.01 (Rev 2). I only made revisions to profile B-A in the cad file.



PROFILE #2

Add grid lines B thru G to this profile



PROFILE #3

This profiles doesn't match the profile in cad so don't use that one when making revisions

JOIST/BRIDGING PROFILES

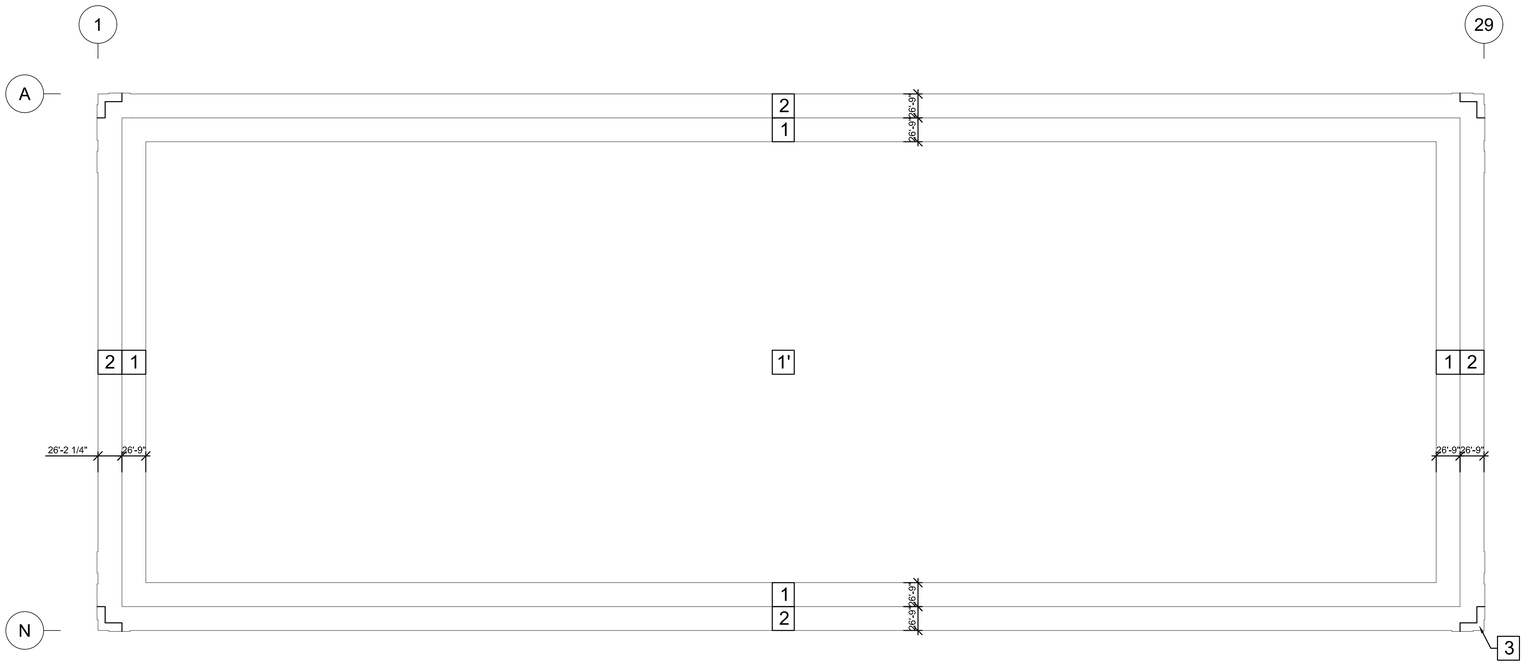
REVISION NO.	DATE	DESCRIPTION

FOR APPROVAL ONLY
NOT FOR FIELD USE

DATE SENT FOR FIELD USE:

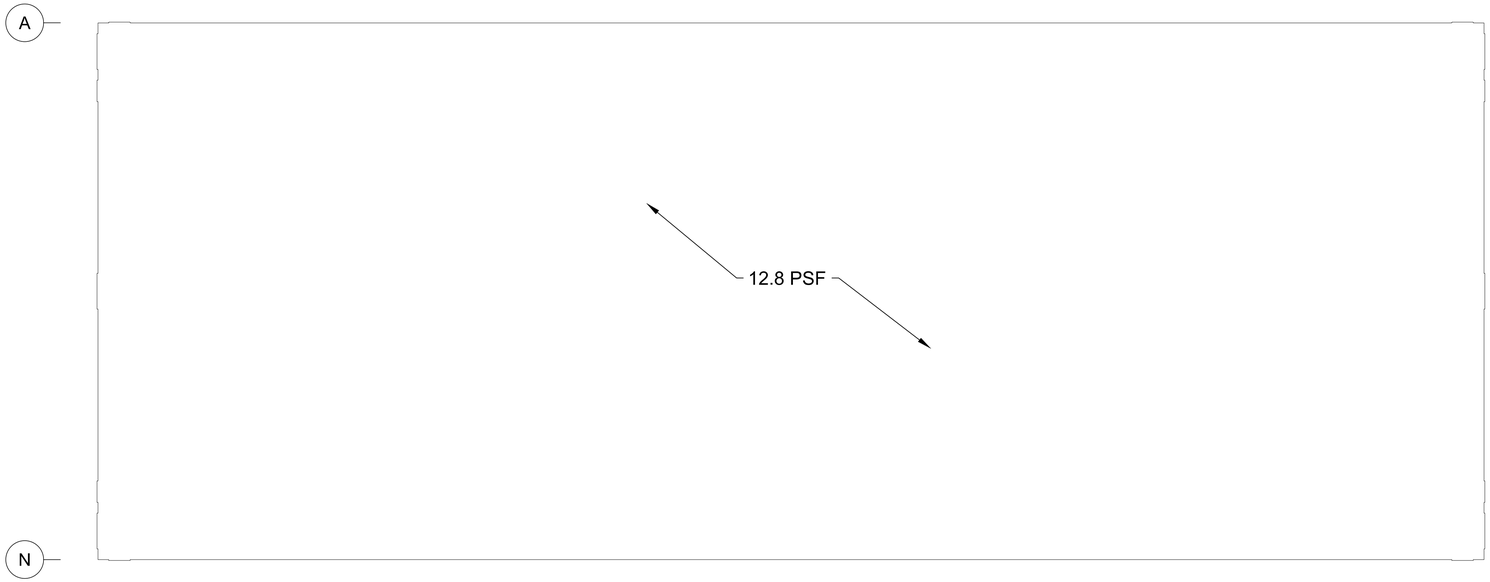
DATE SENT FOR APPROVAL:

REFER TO SHEET JE1.01
FOR GENERAL NOTES



JOIST UPLIFT PLAN
REF: 1/S2.31

JOIST WIND UPLIFT (TO BE USED IN JOIST DESIGN)			
ZONE 1'	ZONE 1	ZONE 2	ZONE 3
INT. ROOF	INT. ROOF	EDGE ROOF	CORNER ROOF
10.5 PSF	18.0 PSF	25.5 PSF	27.0 PSF

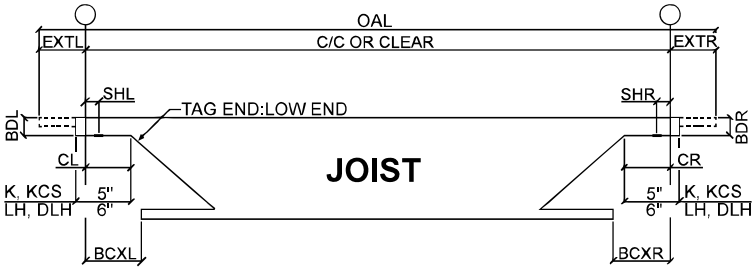


JOIST GIRDER UPLIFT PLAN
REF: 2/S2.31

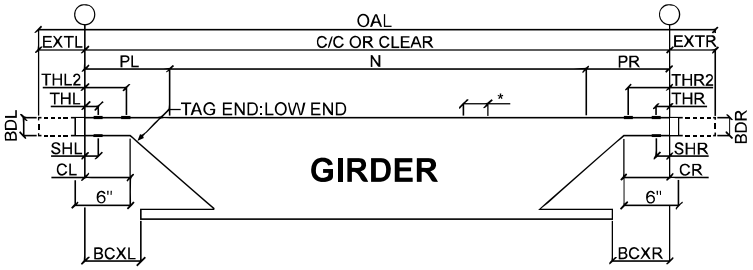
REVISION NO.	DATE	DESCRIPTION

FOR APPROVAL ONLY
NOT FOR FIELD USE

DATE SENT FOR FIELD USE:
DATE SENT FOR APPROVAL:



LENGTHS SHOWN ARE IN HORIZONTAL PROJECTION
DT = Danger Tag (per OSHA)



LENGTHS SHOWN ARE IN HORIZONTAL PROJECTION

FL & FR = Type S, F & R or dimension to end of shoes from center line.

TYPE "S" EXT

TYPE "F" & "R" EXT

Seat Standards UNLESS NOTED ON THE LIST
BDL, BDR: H & K = 2 1/2"
LH & DLH = 5"
SLOTS: H & K = 5/8", 3 1/2" Gage
LH & DLH = 7/8", 4" Gage

*OSHA JOIST TO GIRDER CONNECTION
WS= Welded Seats
NS= Joist Bolted on Near Side
FS= Joist Bolted on Far Side
BS= Joist Bolted on Both Sides

Seat Standards UNLESS NOTED ON THE LIST
BDL, BDR:= 7 1/2"
SLOTS: = 7/8", 5"
THL, THR: = 5/8" Holes, 5" Gage
Holes for LH Series Must be Noted

C/C or Clear = C/C of Grid or Inside Face of Wall
OAL = Over **A**ll **L**ength
N = Number of Joist Spacings

EXTL = **EX**tension **T**op **L**eft
CL = **C**learance **L**eft
BDL = **B**earing **D**epth **L**eft
SHL = **S**eat **H**oles **L**eft
BCXL = **B**ottom **C**hord E**X**tension **L**eft
THL = **T**op Chord **H**ole **L**eft (Girder)
THL2 = **T**op Chord **H**ole **L**eft **2**nd (Girder)
PL = **P**anel **L**eft (Girder)

EXTR = **EX**tension **T**op **R**ight
CR = **C**learance **R**ight
BDR = **B**earing **D**epth **R**ight
SHR = **S**eat **H**oles **R**ight
BCXR = **B**ottom **C**hord E**X**tension **R**ight
THR = **T**op Chord **H**ole **R**ight (Girder)
THR2 = **T**op Chord **H**ole **R**ight **2**nd (Girder)
PR = **P**anel **R**ight (Girder)

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE	QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
--- --- --- ---	9	J1	20KSP430/400	----	-1/2"	21'-11 5/8"	-1/4"	F	6"	F	5 1/4"	2 1/2"	2 1/2"	----	----	----	----	21'-10 7/8"	(UP1) L/360
--- --- --- ---	9	J2	20KSP430/400	----	-1/2"	22'-9 5/8"	-1/4"	F	6"	F	5 1/4"	2 1/2"	2 1/2"	----	----	----	----	22'-8 7/8"	(UP1) L/360
--- --- --- ---	2	TJ3	20KSP430/400	----	-1/2"	22'-9 5/8"	-3 1/2"	F	6"	F	7"	2 1/2"	2 1/2"	----	5 1/2"	1 1/2"	4 1/2"	22'-5 5/8"	(UP1) L/360, DT
--- --- --- ---	18	J4	20KSP430/400	----	-1/4"	22'-1 5/8"	5"	F	5 1/4"	F	0"	2 1/2"	2 1/2"	----	----	----	----	22'-6 3/8"	(UP1) L/360
--- --- --- ---	2	TJ5	20KSP430/400	----	-3 1/2"	22'-1 5/8"	5"	F	7"	F	0"	2 1/2"	2 1/2"	5 1/2"	----	4 1/2"	1 1/2"	22'-3 1/8"	(UP1) L/360, DT
---- ---- ---- ----	1	J6	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (R1), (SD5), (SD8), (SP1), (SP3)
---- ---- ---- ----	1	J7	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (P1), (R1), (SD1), (SD11), (SD54), (SP1), (SP3)
---- ---- ---- ----	1	J8	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD1), (SD11), (SD54), (SP3)
---- ---- ---- ----	1	J9	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD2), (SD20), (SD21), (SD40), (SD41), (SD42), (SD43), (SD74), (SD77), (SP4)
---- ---- ---- ----	1	J10	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (P1), (R1), (SD2), (SD40), (SD41), (SD74), (SP1), (SP4)
---- ---- ---- ----	1	J11	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (R1), (SD5), (SD8), (SP1), (SP4)
--- --- --- ---	3	J12	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (R1), (SD3), (SD6)
--- --- --- ---	2	J13	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (R1), (SD4), (SD7)
--- --- --- ---	1	J14	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD1), (SD12), (SD13), (SD55), (SD57), (SP3)
--- --- --- ---	1	J15	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD1), (SD12), (SD13), (SD56), (SD57), (SP3)
--- --- --- ---	1	TJ16	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	---	7 1/2"	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SD58), (SP3), DT
--- --- --- ---	1	J17	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD59), (SP3)
--- --- --- ---	2	J18	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP3)
--- --- --- ---	186	J19	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1)
--- --- --- ---	22	TJ20	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), DT

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
---	---	---	---	5	J21	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP1)
---	---	---	---	6	J22	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD49)
---	---	---	---	8	J23	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD48)
---	---	---	---	1	J24	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD47), (SP1)
---	---	---	---	1	J25	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46), (SP1)
---	---	---	---	4	TJ26	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46), **DT**
---	---	---	---	5	J27	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD47)
---	---	---	---	18	J28	44LHSP340/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1)
---	---	---	---	15	J29	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP1), (SP4)
---	---	---	---	45	J30	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP4)
---	---	---	---	1	J31	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP2), (SP4)
---	---	---	---	4	TJ32	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP4), **DT**
---	---	---	---	5	J33	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD49), (SP4)
---	---	---	---	5	J34	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD48), (SP4)
---	---	---	---	4	J35	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD47), (SP4)
---	---	---	---	2	J36	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46), (SP4)
---	---	---	---	2	TJ37	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46), (SP4), **DT**
---	---	---	---	2	TJ38	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP1), **DT**
---	---	---	---	1	TJ39	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), **DT**
---	---	---	---	3	J40	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1)

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
---	---	---	---	1	J41	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SD67)
---	---	---	---	1	J42	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SD66)
---	---	---	---	1	J43	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD1), (SD34), (SD35), (SD65), (SD73)
---	---	---	---	1	J44	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD1), (SD34), (SD35), (SD65), (SD72)
---	---	---	---	1	J45	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD1), (SD16), (SD17), (SD36), (SD37), (SD66), (SD71)
---	---	---	---	1	TJ46	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	7 1/2"	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD1), (SD16), (SD17), (SD36), (SD37), (SD67), (SD71), **DT**
---	---	---	---	1	J47	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SD72)
---	---	---	---	1	J48	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SD70), (SD73)
---	---	---	---	1	J49	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SD69)
---	---	---	---	2	J50	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD1), (SD18), (SD19), (SD38), (SD39), (SD68)
---	---	---	---	1	J51	44LHSP340/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SD69)
---	---	---	---	1	J52	44LHSP340/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SD70)
---	---	---	---	1	J53	44LHSP340/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P2), (R1), (SD1)
---	---	---	---	3	J54	44LH340/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1)
---	---	---	---	28	J55	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1)
---	---	---	---	4	TJ56	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), **DT**
---	---	---	---	6	J57	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP1), (SP4)
---	---	---	---	16	J58	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP4)
---	---	---	---	2	J59	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD53)
---	---	---	---	2	J60	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD48)

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

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LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
---	---	---	---	2	J61	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD47)
---	---	---	---	1	J62	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46)
---	---	---	---	1	TJ63	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46), **DT**
---	---	---	---	2	TJ64	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP4), **DT**
---	---	---	---	1	J65	44LH290/225SP	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	---	2 1/2"	---	---	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP5)
----	----	----	----	1	J66	44LHSP340/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP5)
----	----	----	----	5	J67	44LHSP340/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP1), (SP5)
----	----	----	----	6	J68	44LHSP340/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP4)
----	----	----	----	2	J69	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD49), (SP1), (SP4)
----	----	----	----	2	J70	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD51)
----	----	----	----	3	J71	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46)
----	----	----	----	1	TJ72	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD2), (SD79), (SP4), **DT**
----	----	----	----	1	J73	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD2), (SD76), (SD78), (SP4)
----	----	----	----	1	J74	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (P1), (R1), (SD2), (SD20), (SD21), (SD42), (SD43), (SD75), (SD77), (SP4)
----	----	----	----	2	J75	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (SD3), (J-SHL1),
----	----	----	----	2	J76	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (SD4), (J-SHL1),
---	---	---	---	1	J77	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (DF1), (NU1), (P1), (SD5), (SP1), (J-SHL1),
---	---	---	---	1	J78	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (DF1), (NU1), (P1), (SP1), (J-SHL1),
---	---	---	---	2	J79	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (DF1), (NU3), (P4), (SD60), (SD61), (J-SHL1),
---	---	---	---	1	J80	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (DF1), (NU3), (P4), (SD60), (SD61), (SD62), (J-SHL1),

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

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LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
---	---	---	---	1	TJ81	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (DF1), (NU3), (SD63), (J-SHL1), , **DT**
---	---	---	---	1	J82	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (NU3), (SD64), (J-SHL1),
---	---	---	---	146	J83	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (NU4), (J-SHL1),
---	---	---	---	11	TJ84	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (NU4), (J-SHL1), , **DT**
---	---	---	---	14	J85	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (NU4), (SP1), (J-SHL1),
---	---	---	---	7	J86	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (NU4), (SD53), (J-SHL1),
---	---	---	---	6	J87	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (NU4), (SD52), (J-SHL1),
---	---	---	---	1	J88	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (NU4), (SD51), (SP1), (J-SHL1),
---	---	---	---	1	J89	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (NU4), (P1), (SD33), (SD50), (SP1), (J-SHL1),
---	---	---	---	3	TJ90	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (NU4), (P1), (SD63), (SD50), (J-SHL1), **DT**
---	---	---	---	7	J91	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	---	---	47'-11 1/2"	(BR2), (NU4), (SD51), (J-SHL1),
---	---	---	---	16	J92	30KSP340/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4), (J-SHL1),
---	---	---	---	3	J93	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4), (P1), (SD63), (SD50), (J-SHL1),
---	---	---	---	1	TJ94	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (NU4), (SP1), (J-SHL1), , **DT**
---	---	---	---	6	TJ95	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	5"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (NU4), (J-SHR1), **DT**
---	---	---	---	2	J96	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4), (SD48), (J-SHL1),
----	----	----	----	1	TJ97	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	5"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (NU4), (P1), (SD33), (SD50), (J-SHR1), **DT**
----	----	----	----	2	J98	30KSP340/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4), (SP1), (J-SHL1),
----	----	----	----	1	J99	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4), (SD53), (SP1), (J-SHL1),
----	----	----	----	1	J100	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU3), (J-SHL1),

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
----	----	----	----	1	TJ101	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (DF1), (NU3), (J-SHL1), , **DT**
----	----	----	----	3	J102	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU3), (J-SHL1),
----	----	----	----	1	J103	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (SP1), (J-SHL1),
----	----	----	----	1	J104	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (SD5), (SP1), (J-SHL1),
----	----	----	----	4	J105	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (SD3)
----	----	----	----	4	J106	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (SD4)
----	----	----	----	3	J107	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (SD5), (SP1)
----	----	----	----	2	J108	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (SP1)
----	----	----	----	6	J109	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU3)
----	----	----	----	3	TJ110	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (DF1), (NU3), **DT**
----	----	----	----	6	J111	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU3)
----	----	----	----	513	J112	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4)
----	----	----	----	57	TJ113	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (NU4), **DT**
----	----	----	----	51	J114	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4), (SP1)
----	----	----	----	48	J115	30KSP340/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4)
----	----	----	----	6	TJ116	30KSP290/225			48'-0"												48'-0"	(BR2), (NU4), **DT**
----	----	----	----	3	TJ117	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (NU4), (SP1), **DT**
----	----	----	----	6	J118	30KSP340/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU4), (SP1)
----	----	----	----	1	J119	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU3), (SD82)
----	----	----	----	1	J120	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU3), (SD81)

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
----	----	----	----	1	J121	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU3), (P1), (SD44), (SD45), (SD80)
----	----	----	----	1	J122	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (P1), (SD44), (SD45), (SD80), (SP1)
----	----	----	----	1	J123	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (P2), (SD5), (SP1)
----	----	----	----	1	J124	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU1), (P2), (SP1)
----	----	----	----	1	TJ125	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (DF1), (NU3), (SD85), **DT**
----	----	----	----	1	J126	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU3), (SD84)
----	----	----	----	2	J127	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (DF1), (NU3), (P1), (SD22), (SD23), (SD83)
----	----	----	----	2	J128	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU1), (SD3)
----	----	----	----	2	J129	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU1), (SD4)
----	----	----	----	1	J130	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU1), (P2), (SD5), (SP1)
----	----	----	----	1	J131	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU1), (P2), (SP1)
----	----	----	----	6	J132	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU3)
----	----	----	----	2	TJ133	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR2), (NU3), **DT**
----	----	----	----	1	J134	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU1), (SP1)
----	----	----	----	1	J135	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR2), (NU1), (SD5), (SP1)
----	----	----	----	2	J136	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU1), (PL1), (SD3), (J-SHR1)
----	----	----	----	2	J137	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU1), (PL1), (SD4), (J-SHR1)
----	----	----	----	2	J138	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU1), (PL1), (SD5), (SP1), (J-SHR1)
----	----	----	----	2	J139	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU1), (PL1), (SP1), (J-SHR1)
----	----	----	----	6	J140	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU3), (PL1), (J-SHR1)

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
----	----	----	----																			
---	---	---	---	2	TJ141	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-10 3/4"	(BR2), (NU3), (PL1), (J-SHR1), **DT**
---	---	---	---	2	J142	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU3), (PL1), (J-SHR1)
---	---	---	---	171	J143	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU4), (PL1), (J-SHR1)
---	---	---	---	21	TJ144	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-10 3/4"	(BR2), (NU4), (PL1), (J-SHR1), **DT**
---	---	---	---	17	J145	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU4), (PL1), (SP1), (J-SHR1)
---	---	---	---	16	J146	30KSP340/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU4), (PL1), (J-SHR1)
---	---	---	---	1	TJ147	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-10 3/4"	(BR2), (NU4), (PL1), (SP1), (J-SHR1), **DT**
---	---	---	---	2	J148	30KSP340/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	----	----	47'-10 3/4"	(BR2), (NU4), (PL1), (SP1), (J-SHR1)
---	---	---	---	2	J149	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU1), (PL2), (SD3), (J-SHR1)
---	---	---	---	2	J150	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU1), (PL2), (SD4), (J-SHR1)
---	---	---	---	2	J151	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU1), (PL2), (SD5), (SP1), (J-SHR1)
---	---	---	---	2	J152	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU1), (PL2), (SP1), (J-SHR1)
---	---	---	---	6	J153	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU3), (PL2), (J-SHR1)
---	---	---	---	1	TJ154	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	7 1/2"	9"	47'-10 3/4"	(BR3), (NU3), (PL2), (J-SHR1), **DT**
---	---	---	---	2	J155	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU3), (PL2), (J-SHR1)
---	---	---	---	171	J156	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU4), (PL2), (J-SHR1)
---	---	---	---	18	TJ157	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	7 1/2"	9"	47'-10 3/4"	(BR3), (NU4), (PL2), (J-SHR1), **DT**
---	---	---	---	17	J158	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU4), (PL2), (SP1), (J-SHR1)
---	---	---	---	16	J159	30KSP340/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU4), (PL2), (J-SHR1)
---	---	---	---	1	TJ160	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	7 1/2"	9"	47'-10 3/4"	(BR3), (NU4), (PL2), (SP1), (J-SHR1), **DT**

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
----	----	----	----	2	J161	30KSP340/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	9"	2 1/2"	5"	2 1/2"	5 1/2"	----	----	47'-10 3/4"	(BR3), (NU4), (PL2), (SP1), (J-SHR1)
----	----	----	----	3	TJ162	30KSP290/225	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-10 3/4"	(BR3), (NU4), (PL2), (J-SHR1), **DT**
----	----	----	----	1	TJ163	30KSP270/210	----	-1/4"	48'-0"	-1"	F	5 1/4"	F	6"	2 1/2"	5"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-10 3/4"	(BR3), (NU3), (PL2), (J-SHR1), **DT**
----	----	----	----	4	J164	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (SD3)
----	----	----	----	4	J165	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (SD4)
----	----	----	----	3	J166	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (SD5), (SP1)
----	----	----	----	3	J167	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (SP1)
----	----	----	----	12	J168	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU3)
----	----	----	----	4	TJ169	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (NU3), **DT**
----	----	----	----	4	J170	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU3)
----	----	----	----	513	J171	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4)
----	----	----	----	63	TJ172	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (NU4), **DT**
----	----	----	----	51	J173	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SP1)
----	----	----	----	48	J174	30KSP340/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4)
----	----	----	----	3	TJ175	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (NU4), (SP1), **DT**
----	----	----	----	6	J176	30KSP340/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SP1)
----	----	----	----	1	J177	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (P2), (SP1)
----	----	----	----	1	J178	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (P2), (SD5), (SP1)
----	----	----	----	1	J179	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU3), (SD88)
----	----	----	----	1	TJ180	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (DF1), (NU3), (SD87), **DT**

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
----	----	----	----	2	J181	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU3), (P1), (SD30), (SD31), (SD86)
----	----	----	----	4	J182	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU3)
----	----	----	----	2	J183	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU1), (SP1)
----	----	----	----	2	J184	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU1), (SD5), (SP1)
----	----	----	----	2	J185	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU1), (SD4)
----	----	----	----	2	J186	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU1), (SD3)
----	----	----	----	1	J187	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU3)
----	----	----	----	1	TJ188	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (DF1), (NU3), **DT**
----	----	----	----	1	J189	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (SD3), (J-SHL1),
----	----	----	----	1	J190	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (SD4), (J-SHL1),
----	----	----	----	1	J191	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (SD5), (SP1), (J-SHL1),
---	---	---	---	1	J192	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU1), (SP1), (J-SHL1),
---	---	---	---	3	J193	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU3), (J-SHL1),
---	---	---	---	1	TJ194	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (NU3), (J-SHL1), , **DT**
---	---	---	---	1	J195	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU3), (J-SHL1),
---	---	---	---	146	J196	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (J-SHL1),
---	---	---	---	17	TJ197	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (NU4), (J-SHL1), , **DT**
---	---	---	---	14	J198	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SP1), (J-SHL1),
---	---	---	---	7	J199	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SD53), (J-SHL1),
---	---	---	---	2	J200	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SD48), (J-SHL1),

NOTES:

NET UPLIFT: _____ PLF

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LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE	QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
--- --- --- ---	1	J201	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SD51), (SP1), (J-SHL1),
--- --- --- ---	1	J202	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (P1), (SD33), (SD50), (SP1), (J-SHL1),
--- --- --- ---	4	TJ203	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (NU4), (P1), (SD33), (SD50), (J-SHL1), **DT**
--- --- --- ---	7	J204	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SD51), (J-SHL1),
--- --- --- ---	16	J205	30KSP340/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (J-SHL1),
---- ---- ---- ----	6	J206	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SD52), (J-SHL1),
---- ---- ---- ----	3	J207	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (P1), (SD33), (SD50), (J-SHL1),
---- ---- ---- ----	1	TJ208	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (NU4), (SP1), (J-SHL1), , **DT**
---- ---- ---- ----	2	J209	30KSP340/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SP1), (J-SHL1),
---- ---- ---- ----	1	J210	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (NU4), (SD53), (SP1), (J-SHL1),
---- ---- ---- ----	1	J211	30KSP290/225	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU3), (SD94), (J-SHL1),
---- ---- ---- ----	1	TJ212	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	7 1/2"	7 1/2"	47'-11 1/2"	(BR3), (DF1), (NU3), (SD93), (J-SHL1), , **DT**
---- ---- ---- ----	2	J213	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU3), (P1), (SD26), (SD27), (SD92), (J-SHL1),
---- ---- ---- ----	1	J214	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU3), (SD91), (J-SHL1),
---- ---- ---- ----	1	J215	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU1), (SD90), (SP1), (J-SHL1),
---- ---- ---- ----	1	J216	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU1), (P1), (SD5), (SD28), (SD29), (SD89), (SP1), (J-SHL1),
---- ---- ---- ----	1	J217	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU1), (P1), (SD4), (SD28), (SD29), (SD89), (J-SHL1),
---- ---- ---- ----	1	J218	30KSP270/210	----	-1/4"	48'-0"	-1/4"	F	5 1/4"	F	5 1/4"	5"	2 1/2"	2 1/2"	2 1/2"	----	----	47'-11 1/2"	(BR3), (DF1), (NU1), (SD3), (J-SHL1),
---- ---- ---- ----	1	J219	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU1), (R1), (SD3), (SD6)
---- ---- ---- ----	1	J220	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU1), (R1), (SD4), (SD7)

NOTES:

NET UPLIFT: _____ PLF

ASD ■ LRFD ☐ FACTORED ☐

Refer to joist notes list

LIMIT JOIST DEFLECTION TO L/240 UNDER LIVE OR SNOW LOAD UNO WITH JOIST

NOTE DF1.

SEQUENCE				QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR / TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES
---	---	---	---	2	J221	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD2), (SP4)
---	---	---	---	1	TJ222	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD2), (SP4), **DT**
---	---	---	---	1	J223	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD47), (SP1), (SP5)
---	---	---	---	1	J224	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46), (SP1), (SP5)
---	---	---	---	1	TJ225	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (P1), (R1), (SD1), (SD32), (SD46), (SP5), **DT**
----	----	----	----	1	J226	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD47), (SP5)
----	----	----	----	1	J227	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD48), (SP1), (SP5)
----	----	----	----	1	J228	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SD49), (SP1), (SP5)
----	----	----	----	3	J229	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP1), (SP5)
----	----	----	----	1	J230	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD1), (SP2), (SP5)
----	----	----	----	1	J231	44LHSP290/225	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD1), (SP4)
----	----	----	----	1	TJ232	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	7 1/2"	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD2), (SP4), **DT**
----	----	----	----	2	J233	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD2), (SP4)
----	----	----	----	1	J234	44LHSP270/210	----	-1/2"	59'-2"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-1 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (P1), (R1), (SD4), (SD7), (SD24), (SD95)
----	----	----	----	1	J235	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (IN1), (NU1), (R1), (SD5), (SD8), (SP1), (SP4)
----	----	----	----	1	J236	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (IN1), (NU1), (R1), (SD2), (SP1), (SP4)
----	----	----	----	1	J237	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (IN1), (NU2), (R1), (SD2), (SP4)
----	----	----	----	1	J238	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU2), (R1), (SD2), (SD97), (SP4)
----	----	----	----	1	J239	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (R1), (SD2), (SD96), (SP1), (SP4)
----	----	----	----	1	J240	44LHSP270/210	----	-1/2"	60'-0"	-1/4"	F	5"	F	6 1/4"	5"	5"	----	2 1/2"	----	----	59'-11 1/4"	(AX1), (BR1), (DF1), (IN1), (NU1), (P1), (R1), (SD5), (SD8), (SD24), (SD95), (SP1), (SP4)

NOTE	DESCRIPTION
AX1	DESIGN ALL JOIST ENDS AND TC FOR AXIAL FORCE OF 4.0K (1.0 WIND) AND
	7.5K (1.0 SEISMIC) FOR JOISTS BETWEEN GRIDLINE A&B AND M&N
BR1	SEE PROFILE #1 ON SHT JE3.02 FOR JOIST BRIDGING PROFILE
BR2	SEE PROFILE #2 ON SHT JE3.02 FOR JOIST BRIDGING PROFILE
BR3	SEE PROFILE #3 ON SHT JE3.02 FOR JOIST BRIDGING PROFILE
DF1	LIMIT JOIST GIRDER DEFLECTION TO L/360 UNDER LIVE OR SNOW LOAD
IN1	DESIGN JOIST FOR MIN. MOMENT OF INERTIA OF 1,450IN^4
NU1	NU= -169PLF
NU2	NU= -169 PLF @ 1ST 26'-9" FROM TE, -113PLF @ BALANCE
NU3	NU= -113PLF
NU4	NU= -66PLF
P1	(2) +0.4K (+0.8K TOTAL) ANYWHERE ALONG TC
P2	(2) +0.5K (+1.0K TOTAL) ANYWHERE ALONG TC
P3	(4) +0.4K (+1.6K TOTAL) ANYWHERE ALONG TC
P4	(2) +0.3K (+0.6K TOTAL) ANYWHERE ALONG TC
PL1	'SPEED BAY' BEARING PLATE FIXED SIDE
PL2	'SPEED BAY' BEARING PLATE SLIDE SIDE (13/16"x5" LONG SLOTS FOR TEMP EXPANSION JOINT FIN/
R1	DESIGN JOIST SEATS FOR 3.25K ROLLOVER (1.0 WIND) & 2.0K (1.0 SEISMIC)
SD1	261PLF SNOW DRIFT @ TE TO 0PLF, 17'-0" FROM TE
SD2	247PLF SNOW DRIFT @ TE TO 0PLF, 17'-0" FROM TE
SD3	162PLF SNOW DRIFT ALONG TC
SD4	78PLF SNOW DRIFT ALONG TC
SD5	12PLF SNOW DRIFT ALONG TC
SD6	87PLF ADD'L SNOW DRIFT @ TE TO 0PLF, 5'10" FROM TE
SD7	173PLF ADD'L SNOW DRIFT @ TE TO 0PLF, 11'-9" FROM TE
SD8	239PLF ADD'L SNOW DRIFT @ TE TO 0PLF, 17'-7" FROM TE
SD11	244PLF ADD'L SNOW DRIFT @ 21'-3 3/4" FROM TE TO 0PLF (17'-0") TOWARDS
	NTE
SD12	244PLF ADD'L SNOW DRIFT@ 26'-3 1/4" FROM TE TO 0 PLF(17'-0") TOWARDS TE

NOTE	DESCRIPTION
SD13	244PLF ADD'L SNOW DRIFT @ 32'-7 1/2" FROM TE TO 0PLF (17'-0") TOWARDS
	NTE
SD16	244PLF ADD'L SNOW DRIFT@ 44'-1" FROM TE TO 0 PLF(17'-0") TOWARDS TE
SD17	244PLF ADD'L SNOW DRIFT @ 50'-5" FROM TE TO 0PLF (17'-0") TOWARDS NTE
SD18	244PLF ADD'L SNOW DRIFT@ 23'-10 1/2" FROM TE TO 0 PLF(17'-0") TOWARDS
	TE
SD19	244PLF ADD'L SNOW DRIFT @ 30'-3" FROM TE TO 0PLF (17'-0") TOWARDS NTE
SD20	244PLF ADD'L SNOW DRIFT @ 44'-10 1/2" FROM TE TO 0PLF (17'-0") TOWARD
	TE
SD21	244PLF ADD'L SNOW DRIFT @ 51'-3" FROM TE TO 0 PLF (17'-0") TOWARDS NTE
SD22	244PLF ADD'L SNOW DRIFT @ 14'-4" FROM TE TO 0PLF (17'-0") TOWARDS TE
SD23	244PLF ADD'L SNOW DRIFT @ 20'-8 1/4" FROM TE TO 0PLF (17'-0") TOWARDS
	NTE
SD24	244PLF ADD'L SNOW DRIFT @ 35'-10" FROM NTE TO 0PLF (17'-0") TOWARDS
	NTE
SD26	244PLF ADD'L SNOW DRIFT @ 7'-7 3/8" FROM TE TO 0PLF (17'-0") TOWARDS TE
SD27	244PLF ADD'L SNOW DRIFT @ 13'-11 5/8" FROM TE TO 0PLF (17'-0") TOWARDS
	NTE
SD28	244PLF ADD'L SNOW DRIFT @ 17'-2 1/4 FROM TE TO 0PLF (17'-0") TOWARDS TE
SD29	244PLF ADD'L SNOW DRIFT @ 23'-6 1/2" FROM TE TO 0PLF (17'-0") TOWARDS
	NTE
SD30	244PLF ADD'L SNOW DRIFT @ 16'-9" FROM TE TO 0PLF (17'-0") TOWARDS TE
SD31	244PLF ADD'L SNOW DRIFT @ 23'-1 1/2" FROM TE TO 0PLF (17'-0") TOWARDS
	NTE
SD32	261PLF ADD'L SNOW DRIFT @ 56'-10 1/4" FROM NTE TO 0PLF (17'-0") TOWARDS
	TE
SD33	261PLF ADD'L SNOW DRIFT @ 8'-3 3/4" FROM TE TO 0PLF (17'-0") TOWARDS
	NTE

NOTE	DESCRIPTION
SD34	261PLF ADD'L SNOW DRIFT @ 37'-10 3/8 FROM NTE TO 0PLF (17'-0") TOWARDS
	NTE
SD35	261PLF ADD'L SNOW DRIFT @ 44'-2 5/8 FROM NTE TO 0PLF (17'-0") TOWARDS
	TE
SD36	261PLF ADD'L SNOW DRIFT @ 8'-6 3/4" FROM NTE TO 0PLF (17'-0") TOWARDS
	NTE
SD37	261PLF ADD'L SNOW DRIFT @ 14'-11" FROM NTE TO 0PLF (17'-0") TOWARDS TE
SD38	261PLF ADD'L SNOW DRIFT @ 28'-9 1/4 FROM NTE TO 0PLF (17'-0") TOWARDS
	NTE
SD39	261PLF ADD'L SNOW DRIFT @ 35'-1 1/2 FROM NTE TO 0PLF (17'-0") TOWARDS
	TE
SD40	244PLF ADD'L SNOW DRIFT @ 37'-4 1/2 FROM NTE TO 0PLF (17'-0") TOWARDS
	NTE
SD41	244PLF ADD'L SNOW DRIFT @ 43'-8 3/4 FROM NTE TO 0PLF (17'-0") TOWARDS
	TE
SD42	244PLF ADD'L SNOW DRIFT @ 7'-9 1/4 FROM NTE TO 0PLF (17'-0") TOWARDS
	NTE
SD43	244PLF ADD'L SNOW DRIFT @ 14'-1 1/2 FROM NTE TO 0PLF (17'-0") TOWARDS
	TE
SD44	244PLF ADD'L SNOW DRIFT @ 4'-9 3/4 FROM TE TO 0PLF (17'-0") TOWARDS TE
SD45	244PLF ADD'L SNOW DRIFT @ 11'-2" FROM TE TO 0PLF (17'-0") TOWARDS NTE
SD46	ADD'L 115PLF @ 0' TO 3'-2" FNTE (DUE TO RTU SNOW DRIFT)
SD47	ADD'L 162PLF AT 0' TO 3'-2" FTE(DUE TO RTU SNOW DRIFT)
SD48	ADD'L 71PLF AT 0' TO 3'-2" FTE(DUE TO RTU SNOW DRIFT)
SD49	ADD'L 7PLF AT 0' TO 3'-2" FTE(DUE TO RTU SNOW DRIFT)
SD50	ADD'L 115PLF AT 0' TO 8'-6" FTE OR 132PLF @ 8'-6" TO 0PLF AT 25'-6" FROM
	TE(DUE TO RTU SNOW DRIFT)
SD51	ADD'L 162PLF AT 0' TO 8'-6" FTE(DUE TO RTU SNOW DRIFT)
SD52	ADD'L 71PLF AT 0' TO 8'-6" FTE(DUE TO RTU SNOW DRIFT)

NOTE	DESCRIPTION
SD53	ADD'L 7PLF AT 0' TO 8'-6" FTE(DUE TO RTU SNOW DRIFT)
SD54	ADD'L 162PLF @ 38'-8" TO 45'-0" FROM NTE (DUE TO SNOW DRIFT RTU)
SD55	ADD'L 71PLF @ 38'-8" TO 45'-0" FROM NTE (DUE TO SNOW DRIFT LOAD)
SD56	ADD'L 7PLF @ 38'-8" TO 45'-0" FROM NTE (DUE TO SNOW DRIFT LOAD)
SD57	ADD'L 162PLF @ 26'-4" TO 32'-9" FROM NTE (DUE TO SNOW DRIFT RTU)
SD58	ADD'L 71PLF @ 26'-4" TO 32'-9" FROM NTE (DUE TO SNOW DRIFT RTU)
SD59	ADD'L 7PLF @ 26'-4" TO 32'-9" FROM NTE (DUE TO SNOW DRIFT RTU)
SD60	244PLF ADD'L SNOW DRIFT@ 8'-5 3/8" FROM TE TO 0 PLF(17'-0") TOWARDS TE
SD61	244PLF ADD'L SNOW DRIFT@ 11'-7 3/8" FROM TE TO 0 PLF(17'-0") TOWARDS
	NTE
SD62	ADD'L 162PLF @ 8'-5" TO 11'-8 FROM TE (DUE TO RTU SNOW DRIFT)
SD63	ADD'L 71PLF @ 8'-5" TO 11'-8 FROM TE (DUE TO RTU SNOW DRIFT)
SD64	ADD'L 7PLF @ 8'-5" TO 11'-8 FROM TE (DUE TO RTU SNOW DRIFT)
SD65	ADD'L 162PLF @ 37'-10" TO 44'-3 FROM NTE (DUE TO RTU SNOW DRIFT)
SD66	ADD'L 71PLF @ 37'-10" TO 44'-3 FROM NTE (DUE TO RTU SNOW DRIFT)
SD67	ADD'L 7PLF @ 37'-10" TO 44'-3 FROM NTE (DUE TO RTU SNOW DRIFT)
SD68	ADD'L 162PLF @ 28'-9" TO 35'-2 FROM NTE (DUE TO RTU SNOW DRIFT)
SD69	ADD'L 71PLF @ 28'-9" TO 35'-2 FROM NTE (DUE TO RTU SNOW DRIFT)
SD70	ADD'L 7PLF @ 28'-9" TO 35'-2 FROM NTE (DUE TO RTU SNOW DRIFT)
SD71	ADD'L 162PLF @ 8'-7" TO 15'-0 FROM NTE (DUE TO RTU SNOW DRIFT)
SD72	ADD'L 71PLF @ 8'-7" TO 15'-0 FROM NTE (DUE TO RTU SNOW DRIFT)
SD73	ADD'L 7PLF @ 8'-7" TO 15'-0 FROM NTE (DUE TO RTU SNOW DRIFT)
SD74	ADD'L 162PLF @ 37'-4" TO 43'-9" FROM NTE (DUE TO RTU SNOW DRIFT)
SD75	ADD'L 71PLF @ 37'-4" TO 43'-9" FROM NTE (DUE TO RTU SNOW DRIFT)
SD76	ADD'L 7PLF @ 37'-4" TO 43'-9" FROM NTE (DUE TO RTU SNOW DRIFT)
SD77	ADD'L 162PLF @ 7'-9" TO 14'-2" FROM NTE (DUE TO RTU SNOW DRIFT)
SD78	ADD'L 71PLF @ 7'-9" TO 14'-2" FROM NTE (DUE TO RTU SNOW DRIFT)
SD79	ADD'L 7PLF @ 7'-9" TO 14'-2" FROM NTE (DUE TO RTU SNOW DRIFT)
SD80	ADD'L 162PLF @ 2'-4" TO 8'-8" FROM TE (DUE TO RTU SNOW DRIFT)

NOTE	DESCRIPTION	NOTE	DESCRIPTION
SD81	ADD'L 71PLF @ 2'-4" TO 8'-8" FROM TE (DUE TO RTU SNOW DRIFT)		
SD82	ADD'L 7PLF @ 2'-4" TO 8'-8" FROM TE (DUE TO RTU SNOW DRIFT)		
SD83	ADD'L 162PLF @ 14'-4" TO 20'-8" FROM TE (DUE TO RTU SNOW DRIFT)		
SD84	ADD'L 71PLF @ 14'-4" TO 20'-8" FROM TE (DUE TO RTU SNOW DRIFT)		
SD85	ADD'L 7PLF @ 14'-4" TO 20'-8" FROM TE (DUE TO RTU SNOW DRIFT)		
SD86	ADD'L 162PLF @ 16'-9" TO 23'-1" FROM TE (DUE TO RTU SNOW DRIFT)		
SD87	ADD'L 71PLF @ 16'-9" TO 23'-1" FROM TE (DUE TO RTU SNOW DRIFT)		
SD88	ADD'L 7PLF @ 16'-9" TO 23'-1" FROM TE (DUE TO RTU SNOW DRIFT)		
SD89	ADD'L 162PLF @ 17'-3" TO 23'-7" FROM TE (DUE TO RTU SNOW DRIFT)		
SD90	ADD'L 71PLF @ 17'-3" TO 23'-7" FROM TE (DUE TO RTU SNOW DRIFT)		
SD91	ADD'L 7PLF @ 17'-3" TO 23'-7" FROM TE (DUE TO RTU SNOW DRIFT)		
SD92	ADD'L 162PLF @ 7'-7" TO 14'-0" FROM TE (DUE TO RTU SNOW DRIFT)		
SD93	ADD'L 71PLF @ 7'-7" TO 14'-0" FROM TE (DUE TO RTU SNOW DRIFT)		
SD94	ADD'L 7PLF @ 7'-7" TO 14'-0" FROM TE (DUE TO RTU SNOW DRIFT)		
SD95	ADD'L 162PLF @ 35'-10" TO 42'-2" FROM NTE (DUE TO RTU SNOW DRIFT)		
SD96	ADD'L 71PLF @ 35'-10" TO 42'-2" FROM TE (DUE TO RTU SNOW DRIFT)		
SD97	ADD'L 7PLF @ 35'-10" TO 42'-2" FROM TE (DUE TO RTU SNOW DRIFT)		
SP1	ADD'L PIPE LOAD OF 32PLF ALONG TC (DUE TO 6" MAIN)		
SP2	ADD'L PIPE LOAD OF 64PLF ALONG TC (DUE TO 2-6" MAINS)		
SP3	ADD'L PIPE LOAD OF 0.3K ANYWHERE ALONG TC (DUE TO 8" MAIN)		
SP4	ADD'L PIPE LOAD OF 0.2K ANYWHERE ALONG TC (DUE TO 6" MAIN)		
SP5	2-ADD'L PIPE LOAD OF 0.2K (+0.4K TOTAL) ALONG TC (DUE TO 2-6" MAINS)		
UP1	NO UPLIFT, FLOOR JOIST		
J-SHL1	7/8" X 1 1/2" - 4" GA		
J-SHR1	7/8" X 1 1/2" - 4" GA		

NOTES:

SEQUENCE COLOR																						
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
9	J1	9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
9	J2	9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2	TJ3	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
18	J4	18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2	TJ5	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1	J6	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
1	J7	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
1	J8	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
1	J9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
3	J12	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	----	----	----	----	1
2	J13	----	----	----	----	----	----	----	1	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J14	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
1	J15	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
1	TJ16	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
1	J17	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
2	J18	----	----	----	----	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	----
186	J19	----	----	----	23	22	----	----	23	23	8	----	----	----	13	6	16	11	17	5	13	6
22	TJ20	----	----	----	3	3	----	----	3	3	----	----	----	----	2	----	2	2	2	----	2	----
265	TOTAL	40	----	----	26	25	----	----	37	26	8	----	----	----	15	11	18	13	19	5	15	7

NOTES:

SEQUENCE COLOR																																				
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21														
5	J21	---	---	---	---	---	---	---	2	1	---	---	---	---	---	---	---	1	---	1	---	---														
6	J22	---	---	---	---	---	---	---	1	1	---	---	---	---	1	---	---	---	2	---	1	---														
8	J23	---	---	---	---	---	---	---	1	1	---	---	---	---	2	---	---	---	2	---	2	---														
1	J24	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
1	J25	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
4	TJ26	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	1	---	1	---														
5	J27	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	2	---	2	---														
18	J28	---	---	---	6	---	---	---	---	6	---	---	---	---	---	---	---	6	---	---	---	---														
15	J29	---	---	---	2	2	---	---	---	3	1	---	---	---	1	---	1	3	---	1	1	---														
45	J30	---	---	---	7	4	---	---	---	7	4	---	---	---	---	2	4	3	---	13	---	1														
1	J31	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---														
4	TJ32	---	---	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	2	---	---														
5	J33	---	---	---	1	1	---	---	---	1	1	---	---	---	---	---	1	---	---	---	---	---														
5	J34	---	---	---	1	1	---	---	---	1	1	---	---	---	---	---	1	---	---	---	---	---														
4	J35	---	---	---	1	---	---	---	---	1	1	---	---	---	---	---	1	---	---	---	---	---														
2	J36	---	---	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---														
2	TJ37	---	---	---	1	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---														
2	TJ38	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	---														
1	TJ39	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---														
3	J40	---	---	---	---	---	---	---	---	---	3	---	---	---	---	---	---	---	---	---	---	---														
137	TOTAL	---	---	---	21	8	---	---	7	27	13	---	---	---	5	2	9	13	7	17	7	1														

NOTES:

SEQUENCE COLOR																																				
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21														
1	J41	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—														
1	J42	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—														
1	J43	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—														
1	J44	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—														
1	J45	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—														
1	TJ46	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—														
1	J47	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—														
1	J48	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—														
1	J49	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—														
2	J50	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—														
1	J51	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—														
1	J52	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—														
1	J53	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—														
3	J54	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—														
28	J55	—	—	—	—	—	—	—	—	—	—	6	17	5	—	—	—	—	—	—	—	—														
4	TJ56	—	—	—	—	—	—	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—														
6	J57	—	—	—	—	—	—	—	—	—	—	4	—	2	—	—	—	—	—	—	—	—														
16	J58	—	—	—	—	—	—	—	—	—	—	3	—	13	—	—	—	—	—	—	—	—														
2	J59	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—														
2	J60	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—														
75	TOTAL	—	—	—	—	—	—	—	—	—	6	26	23	20	—	—	—	—	—	—	—	—														

NOTES:

SEQUENCE COLOR																																				
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21														
2	J61	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---														
1	J62	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---														
1	TJ63	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---														
2	TJ64	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---														
1	J65	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---														
1	J66	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---														
5	J67	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	3	---	---														
6	J68	---	---	---	---	---	---	---	---	---	---	---	---	---	3	---	---	---	---	---	3	---														
2	J69	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1	---														
2	J70	---	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---														
3	J71	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	1	---	1	---														
1	TJ72	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---														
1	J73	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---														
1	J74	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---														
2	J75	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	---	---	---														
2	J76	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	---	---	---														
1	J77	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
1	J78	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
2	J79	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---	---														
1	J80	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
38	TOTAL	---	---	---	---	---	---	---	7	---	---	---	4	6	7	5	---	---	1	3	5	---														

NOTES:

SEQUENCE COLOR																																				
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21														
1	TJ81	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
1	J82	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
146	J83	---	---	---	---	---	---	---	25	31	20	14	17	19	13	7	---	---	---	---	---	---														
11	TJ84	---	---	---	---	---	---	---	3	4	2	---	---	---	2	---	---	---	---	---	---	---														
14	J85	---	---	---	---	---	---	---	2	4	1	4	---	2	1	---	---	---	---	---	---	---														
7	J86	---	---	---	---	---	---	---	1	2	1	---	2	---	1	---	---	---	---	---	---	---														
6	J87	---	---	---	---	---	---	---	1	2	1	---	---	---	2	---	---	---	---	---	---	---														
1	J88	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
1	J89	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---														
3	TJ90	---	---	---	---	---	---	---	1	1	---	---	---	---	1	---	---	---	---	---	---	---														
7	J91	---	---	---	---	---	---	---	---	2	1	---	2	---	2	---	---	---	---	---	---	---														
16	J92	---	---	---	---	---	---	---	---	6	---	6	---	1	3	---	---	---	---	---	---	---														
3	J93	---	---	---	---	---	---	---	---	1	---	---	1	---	1	---	---	---	---	---	---	---														
1	TJ94	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---														
6	TJ95	---	---	---	---	---	---	---	---	---	---	2	2	2	---	---	---	---	---	---	---	---														
2	J96	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---														
1	TJ97	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---														
2	J98	---	---	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---														
1	J99	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---														
1	J100	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---														
231	TOTAL	---	---	---	---	---	---	---	37	53	27	26	27	26	27	8	---	---	---	---	---	---														

NOTES:

SEQUENCE COLOR																						
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	TJ101	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
3	J102	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----	----
1	J103	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J104	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
4	J105	----	----	----	----	----	----	2	----	----	----	----	----	----	----	2	----	----	----	----	----	----
4	J106	----	----	----	----	----	----	2	----	----	----	----	----	----	----	2	----	----	----	----	----	----
3	J107	----	----	----	----	----	----	1	----	----	----	----	----	----	----	2	----	----	----	----	----	----
2	J108	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
6	J109	----	----	----	----	----	----	6	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3	TJ110	----	----	----	----	----	----	2	----	----	----	----	----	----	----	1	----	----	----	----	----	----
6	J111	----	----	----	----	----	----	3	----	----	----	----	----	----	----	3	----	----	----	----	----	----
513	J112	60	54	60	----	----	----	21	----	----	69	42	72	57	57	21	----	----	----	----	----	----
57	TJ113	12	6	9	----	----	----	----	----	----	6	6	9	6	9	----	----	----	----	----	----	----
51	J114	12	----	12	----	----	----	----	----	----	3	12	----	6	6	----	----	----	----	----	----	----
48	J115	----	18	----	----	----	----	----	----	----	----	18	----	3	9	----	----	----	----	----	----	----
~~6~~	~~TJ116~~		~~3~~	~~3~~					----	----	----	----	----	----	----	----	----	----	----	----	----	----
3	TJ117	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----
6	J118	----	----	----	----	----	----	----	----	----	----	----	----	6	----	----	----	----	----	----	----	----
1	J119	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J120	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
720	TOTAL	84	78	81	----	----	----	38	----	----	81	78	81	78	81	40	----	----	----	----	----	----

NOTES:

SEQUENCE COLOR																						
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	J121	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J122	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J123	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1	J124	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1	TJ125	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J126	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
2	J127	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----
2	J128	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
2	J129	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J130	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1	J131	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----
6	J132	----	----	----	----	----	----	3	----	----	----	----	----	----	----	3	----	----	----	----	----	----
2	TJ133	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J134	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
1	J135	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----
2	J136	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
2	J137	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
2	J138	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
2	J139	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
6	J140	----	----	----	----	----	----	3	----	----	----	----	----	----	----	3	----	----	----	----	----	----
38	TOTAL	----	----	----	----	----	----	17	----	----	----	----	----	----	----	21	----	----	----	----	----	----

NOTES:

SEQUENCE COLOR																						
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	TJ141	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
2	J142	----	----	----	----	----	----	1	----	----	----	----	----	----	----	1	----	----	----	----	----	----
171	J143	20	18	20	----	----	----	7	----	----	23	14	24	19	19	7	----	----	----	----	----	----
21	TJ144	4	2	3	----	----	----	----	----	----	2	2	3	2	3	----	----	----	----	----	----	----
17	J145	4	----	4	----	----	----	----	----	----	1	4	----	2	2	----	----	----	----	----	----	----
16	J146	----	6	----	----	----	----	----	----	----	----	6	----	1	3	----	----	----	----	----	----	----
1	TJ147	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----
2	J148	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----	----	----	----	----	----	----
2	J149	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
2	J150	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
2	J151	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
2	J152	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
6	J153	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3
1	TJ154	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
2	J155	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
171	J156	20	18	20	----	----	7	----	----	----	----	----	----	----	----	----	23	14	24	19	19	7
18	TJ157	4	2	3	----	----	----	----	----	----	----	----	----	----	----	----	2	2	3	2	----	----
17	J158	4	----	4	----	----	----	----	----	----	----	----	----	----	----	----	1	4	----	2	2	----
16	J159	----	6	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	----	1	3	----
1	TJ160	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----
472	TOTAL	56	52	54	----	----	16	9	----	----	27	26	27	26	27	9	27	26	27	24	24	15

NOTES:

SEQUENCE COLOR																						
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	J161	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2	----	----
3	TJ162	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----
1	TJ163	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
4	J164	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
4	J165	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
3	J166	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3	J167	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
12	J168	----	----	----	----	----	9	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3
4	TJ169	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
4	J170	----	----	----	----	----	3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
513	J171	60	54	60	----	----	21	----	----	----	----	----	----	----	----	----	69	42	72	57	57	21
63	TJ172	12	6	9	----	----	----	----	----	----	----	----	----	----	----	----	6	6	9	6	9	----
51	J173	12	----	12	----	----	----	----	----	----	----	----	----	----	----	----	3	12	----	6	6	----
48	J174	----	18	----	----	----	----	----	----	----	----	----	----	----	----	----	----	18	----	3	9	----
3	TJ175	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3	----	----	----	----	----
6	J176	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	6	----	----
1	J177	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
1	J178	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
1	J179	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
1	TJ180	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1
728	TOTAL	84	78	81	----	----	48	----	----	----	----	----	----	----	----	----	81	78	81	80	84	33

NOTES:

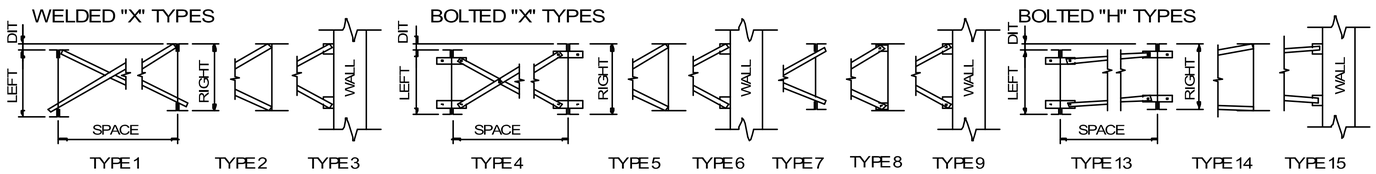
SEQUENCE COLOR																					
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	J181	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
4	J182	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
2	J183	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
2	J184	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
2	J185	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
2	J186	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
1	J187	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
1	TJ188	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
1	J189	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	J190	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	J191	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	J192	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	J193	—	—	—	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	TJ194	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1	J195	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
146	J196	—	—	—	31	25	—	—	—	—	—	—	—	—	—	—	20	14	17	19	13	7
17	TJ197	—	—	—	4	3	—	—	—	—	—	—	—	—	—	—	2	2	2	2	2	—
14	J198	—	—	—	4	2	—	—	—	—	—	—	—	—	—	—	1	4	—	2	1	—
7	J199	—	—	—	2	1	—	—	—	—	—	—	—	—	—	—	1	—	2	—	1	—
2	J200	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
211	TOTAL	—	—	—	42	41	—	—	—	—	—	—	—	—	—	—	24	20	21	23	17	23

NOTES:

SEQUENCE COLOR																																				
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21														
1	J201	----	----	----	----	1	----	----	----	---	----	----	----	---	----	----	----	----	----	---	---	---														
1	J202	----	----	----	----	1	----	----	----	---	----	----	----	---	----	----	----	----	----	---	---	---														
4	TJ203	----	----	----	2	----	----	----	----	---	----	----	----	---	----	----	----	----	1	---	1	---														
7	J204	----	----	----	2	----	----	----	----	---	----	----	----	---	----	----	1	----	2	---	2	---														
16	J205	----	----	----	6	----	----	----	----	---	----	----	----	---	----	----	----	6	----	1	3	---														
6	J206	----	----	----	1	----	----	----	----	---	----	----	----	---	----	----	1	----	2	---	2	---														
3	J207	----	----	----	1	----	----	----	----	---	----	----	----	---	----	----	----	----	1	---	1	---														
1	TJ208	----	----	----	----	----	----	----	----	---	----	----	----	---	----	----	1	----	----	---	---	---														
2	J209	----	----	----	----	----	----	----	----	---	----	----	----	---	----	----	----	----	----	2	---	---														
1	J210	----	----	----	----	----	----	----	----	---	----	----	----	---	----	----	----	----	----	---	1	---														
1	J211	----	----	----	----	----	----	----	----	---	----	----	----	---	----	----	----	----	----	---	---	1														
1	TJ212	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1														
2	J213	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2														
1	J214	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1														
1	J215	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1														
1	J216	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1														
1	J217	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1														
1	J218	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1														
1	J219	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---														
1	J220	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---														
53	TOTAL	---	---	---	12	4	---	---	---	---	---	---	---	---	---	---	3	6	6	3	10	9														

NOTES:

SEQUENCE COLOR																																			
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21													
2	J221	----	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	TJ222	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J223	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J224	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	TJ225	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J226	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J227	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J228	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
3	J229	----	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----													
1	J230	----	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J231	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1													
1	TJ232	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1													
2	J233	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	2													
1	J234	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1													
1	J235	---	---	---	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J236	---	---	---	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J237	---	---	---	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----													
1	J238	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1													
1	J239	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1													
1	J240	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1													
24	TOTAL	---	---	---	7	8	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	8													



NOTE FOR "DIT" USE "+" WHEN "LEFT" IS LOWER THAN "RIGHT" & USE "-" WHEN "RIGHT" IS LOWER THAN "LEFT"

NOTES:

TYP. BOLTS FOR BOLTED BRIDGING: Ø3/8" x 1 1/4" A325 UNO

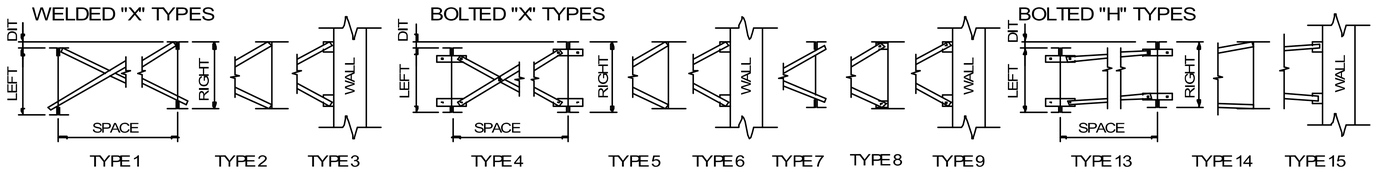
SEQUENCE				QTY	MARK	TYPE	LEFT MARK	LEFT DEPTH	RIGHT MARK	RIGHT DEPTH	SPACING	DIT = DIFF IN TOP	SIZE	REMARKS
----	----	----	----	~~8~~	~~**001**~~	~~005~~		~~44"~~		~~44"~~	~~5'-9 5/8"~~	~~0"~~	~~L 1 1/4 x 0.109~~	
----	----	----	----	~~8~~	~~**002**~~	~~005~~		~~44"~~		~~44"~~	~~5'-10 1/2"~~	~~0"~~	~~L 1 1/4 x 0.109~~	
----	----	----	----	5	**003**	005		44"		24"	6'-2 13/16"	0"	L 1 1/4 x 0.109	
----	----	----	----	5	**004**									
----	----	----	----	30	**005**	005		30"		24"	6'-2 13/16"	0"	L 1 1/2 x 0.109	
----	----	----	----	30	**006**									
----	----	----	----	56	**100**	004		44"		44"	5'-9 5/8"	0"	L 1 1/4 x 0.109	
----	----	----	----	60	**101**	004		44"		44"	5'-10 1/2"	0"	L 1 1/4 x 0.109	
----	----	----	----	4	**102**	004		44"		44"	5'-9 3/4"	0"	L 1 1/4 x 0.109	
----	----	----	----	184	**103**	004		44"		44"	6'-2 13/16"	0"	L 1 1/4 x 0.109	
----	----	----	----	728	**104**	004		44"		44"	6'-2 5/8"	0"	L 1 1/4 x 0.109	
----	----	----	----	1	**105**	004		44"		24"	6'-2 13/16"	0"	L 1 1/4 x 0.109	
----	----	----	----	1	**106**									
----	----	----	----	120	**107**	004		30"		30"	5'-9 5/8"	0"	L 1 1/2 x 0.109	
----	----	----	----	20	**108**	004		30"		30"	5'-9 3/4"	0"	L 1 1/2 x 0.109	
----	----	----	----	920	**109**	004		30"		30"	6'-2 13/16"	0"	L 1 1/2 x 0.109	
----	----	----	----	3640	**110**	004		30"		30"	6'-2 5/8"	0"	L 1 1/2 x 0.109	
----	----	----	----	140	**111**	004		30"		30"	5'-10 1/2"	0"	L 1 1/2 x 0.109	
----	----	----	----	48	**400**	001		44"		44"	6'-2 5/8"	0"	L 1 1/4 x 0.109	
----	----	----	----	240	**401**	001		30"		30"	6'-2 5/8"	0"	L 1 1/4 x 0.109	

SEQUENCE				HORIZONTAL BRIDGING				
				QTY	MARK	LENGTH	SIZE	REMARKS
----	----	----	----	22	H2	25'-0"	L 1 1/4 x 0.109	
----	----	----	----	3826	H3	25'-0"	L 1 1/2 x 0.109	
----	----	----	----	746	H4	25'-0"	L 1 3/4 x 0.143	

SEQUENCE				BRIDGING ANCHOR CLIPS				
				QTY	MARK	LENGTH	SIZE	REMARKS

SEQUENCE				GIRDER KNEE BRACE / LOOSE BOTTOM CHORD						
				QTY	MARK	LENGTH	SIZE	GIRDER DEPTH	JOIST DEPTH	SEAT DEPTH

SEQUENCE				BOLT/NUT/WASHER		SEQUENCE				BOLT/NUT/WASHER	
				QTY	SIZE					QTY	SIZE



NOTE FOR "DIT" USE "+" WHEN "LEFT" IS LOWER THAN "RIGHT" & USE "-" WHEN "RIGHT" IS LOWER THAN "LEFT"

NOTES:

TYP. BOLTS FOR BOLTED BRIDGING: Ø3/8" x 1 1/4" A325 UNO

SEQUENCE				QTY	MARK	TYPE	LEFT MARK	LEFT DEPTH	RIGHT MARK	RIGHT DEPTH	SPACING	DIT = DIFF IN TOP	SIZE	REMARKS
----	----	----	----	6	**800**	022		44"		44"	5'-9 3/4"	0"	L 1 1/4 x 0.109	
----	----	----	----	6	**801**									
----	----	----	----	6	**802**	022		44"		44"	5'-10 1/2"	0"	L 1 1/4 x 0.109	
----	----	----	----	6	**803**									
----	----	----	----	2	**804**	022		30"		30"	5'-9 3/4"	0"	L 1 1/4 x 0.109	
----	----	----	----	2	**805**									
----	----	----	----	2	**806**	022		30"		30"	5'-10 1/2"	0"	L 1 1/4 x 0.109	
----	----	----	----	2	**807**									
----	----	----	----	8	**808**	022		30"		30"	4'-11 3/4"	0"	L 1 1/4 x 0.109	
----	----	----	----	8	**809**									
----	----	----	----	8	**810**	022		30"		30"	5'-0 1/2"	0"	L 1 1/4 x 0.109	
----	----	----	----	8	**811**									

SEQUENCE				HORIZONTAL BRIDGING				
				QTY	MARK	LENGTH	SIZE	REMARKS

SEQUENCE				BRIDGING ANCHOR CLIPS				
				QTY	MARK	LENGTH	SIZE	REMARKS

SEQUENCE				GIRDER KNEE BRACE / LOOSE BOTTOM CHORD						
				QTY	MARK	LENGTH	SIZE	GIRDER DEPTH	JOIST DEPTH	SEAT DEPTH

SEQUENCE				BOLT/NUT/WASHER		SEQUENCE				BOLT/NUT/WASHER	
				QTY	SIZE					QTY	SIZE

NOTES:

SEQUENCE COLOR																																							
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21																		
8	001	----	----	----	----	~~4~~ 0	----	----	~~4~~ 0	----	----	----	----	----	----	----	----	----	----	----	----	----																		
8	002	----	----	----	----	----	----	----	----	----	----	----	----	----	----	~~4~~ 0	----	----	----	----	----	~~4~~ 0																		
5	003	----	----	----	1	----	----	----	----	1	----	----	----	1	----	----	----	1	----	1	----	----																		
5	004	----	----	----	1	----	----	----	----	1	----	----	----	1	----	----	----	1	----	1	----	----																		
30	005	----	8	----	1	----	----	----	----	1	----	5	----	5	----	----	----	5	----	5	----	----																		
30	006	----	8	----	1	----	----	----	----	1	----	5	----	5	----	----	----	5	----	5	----	----																		
56	100	----	----	----	----	~~28~~ 12	----	----	~~28~~ 12	----	----	----	----	----	----	----	----	----	----	----	----	----																		
60	101	----	----	----	----	----	----	----	----	----	----	----	----	----	----	~~30~~ 14	----	----	----	----	----	~~30~~ 14																		
4	102	----	----	----	----	2	----	----	2	----	----	----	----	----	----	----	----	----	----	----	----	----																		
184	103	----	----	----	20	16	----	----	16	20	12	8	12	10	10	4	12	8	12	10	10	4																		
728	104	----	----	----	84	56	----	----	56	84	42	42	42	42	42	14	42	42	42	42	42	14																		
1	105	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----																		
1	106	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	----	----	----	----	----																		
120	107	----	----	----	----	12	48	48	12	----	----	----	----	----	----	----	----	----	----	----	----	----																		
20	108	----	----	----	----	2	8	8	2	----	----	----	----	----	----	----	----	----	----	----	----	----																		
920	109	96	64	96	20	16	16	16	16	20	60	40	60	50	50	20	60	40	60	50	50	20																		
3640	110	336	336	336	84	56	56	56	56	84	210	210	210	210	210	70	210	210	210	210	210	70																		
140	111	----	----	----	----	----	----	----	----	----	----	----	----	----	----	70	----	----	----	----	----	70																		
48	400	----	----	----	8	----	----	----	----	8	----	8	----	----	8	----	----	8	----	----	8	----																		
240	401	----	64	----	8	----	----	----	----	8	----	40	----	----	40	----	----	40	----	----	40	----																		

NOTES:

SEQUENCE COLOR																						
QTY	MARK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
6	800	----	----	----	----	~~3~~ 1	----	----	~~3~~ 1	----	----	----	----	----	----	----	----	----	----	----	----	----
6	801	----	----	----	----	~~3~~ 1	----	----	~~3~~ 1	----	----	----	----	----	----	----	----	----	----	----	----	----
6	802	----	----	----	----	----	----	----	----	----	----	----	----	----	----	~~3~~ 1	----	----	----	----	----	~~3~~ 1
6	803	----	----	----	----	----	----	----	----	----	----	----	----	----	----	~~3~~ 1	----	----	----	----	----	~~3~~ 1
2	804	----	----	----	----	1	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
2	805	----	----	----	----	1	----	----	1	----	----	----	----	----	----	----	----	----	----	----	----	----
2	806	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1
2	807	----	----	----	----	----	----	----	----	----	----	----	----	----	----	1	----	----	----	----	----	1
8	808	----	----	----	----	----	4	4	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8	809	----	----	----	----	----	4	4	----	----	----	----	----	----	----	----	----	----	----	----	----	----
8	810	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	----	----	4
8	811	----	----	----	----	----	----	----	----	----	----	----	----	----	----	4	----	----	----	----	----	4
	HORIZONTAL																					
22	H2	----	----	----	----	22	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
3826	H3	336	324	336	83	68	102	102	68	83	210	202	210	210	202	128	210	202	210	210	202	128
746	H4	----	----	----	83	68	----	----	68	83	42	41	42	42	41	26	42	41	42	42	41	26