

JOIST LEGEND

1. PIECEMARKED END IS TAG END ON PLAN
 2. DENOTES JOIST CONNECTION (TYPE SEE JE4.01)
 DENOTES GIRDER CONNECTION (TYPE SEE JE4.01)
 3. NET UPLIFT: SEE UPLIFT DIAGRAM ON JE1.01

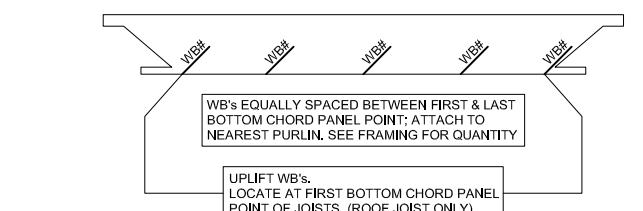
4. WB# INDICATE WOOD NAILER BRACE.

- WB1= 1 1/2"x1 1/2"x0.109 (BRIDGING LENGTH 2'-0")
- WB2= 1 1/2"x1 1/2"x0.109 (BRIDGING LENGTH 3'-0")
- WB3= 1 1/2"x1 1/2"x0.109 (BRIDGING LENGTH 4'-0")
- WB4= 2"x2"x1/8 (BRIDGING LENGTH 5'-0")
- WB5= 2"x2"x1/8 (BRIDGING LENGTH 6'-0")

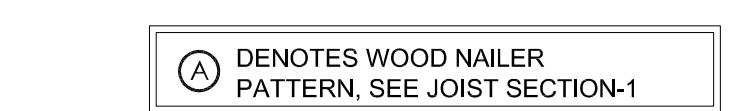
5. SEE JE4.01 FOR SECTIONS.

6. COLUMNS = HSS10x10 (TYP.) U.N.O.

7.  = FOR RTU LOADS ON JOIST USING THIS SYMBOL,
THE ARROWS REPRESENT THAT THE SUPPORTING
JOISTS HAVE BEEN DESIGNED FOR THE UNIT TO
BE PLACED ANYWHERE ALONG THE JOIST SPAN,
AND THE JOIST REINFORCEMENT AT CONCENTRATED
LOADS DETAIL IS NOT REQUIRED.



TYPICAL WB's SPACING DETAIL

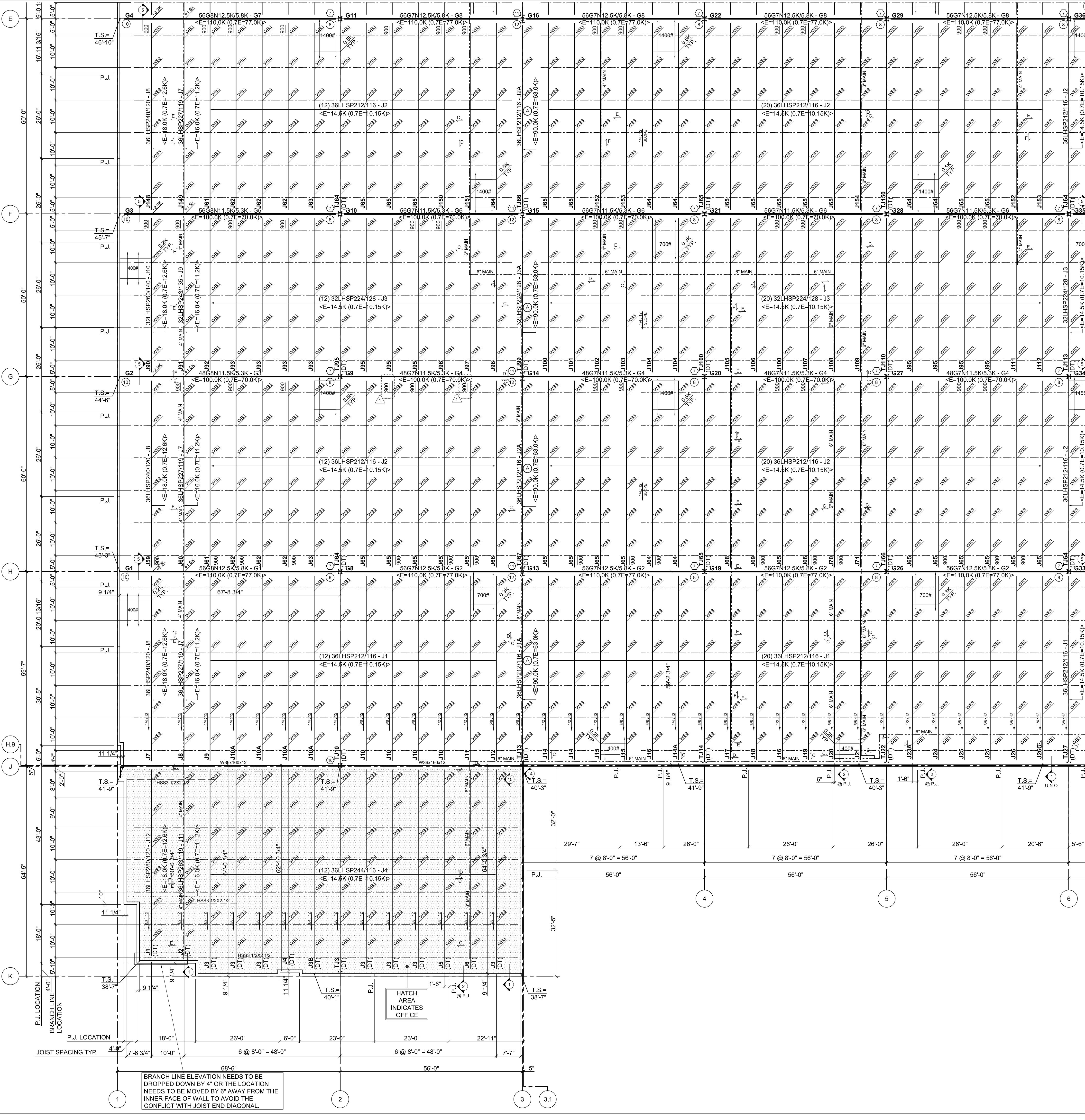
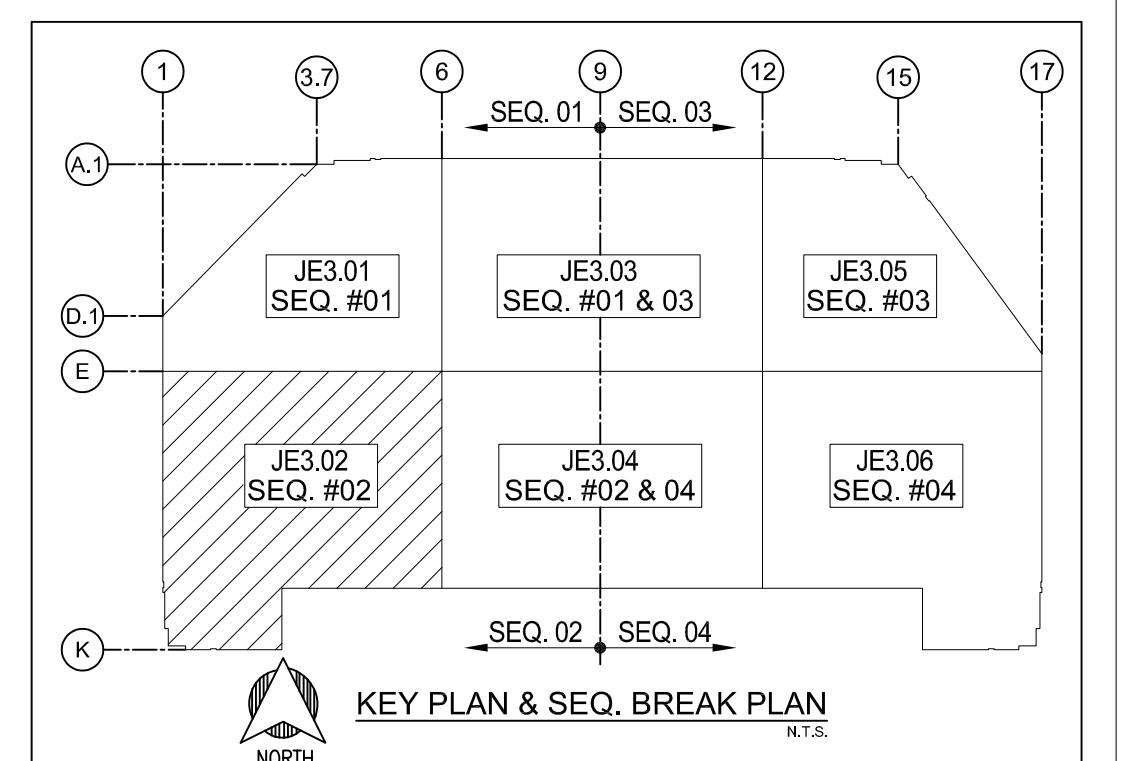
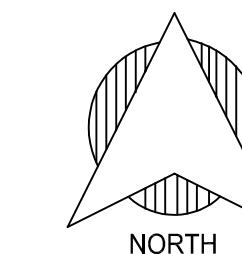


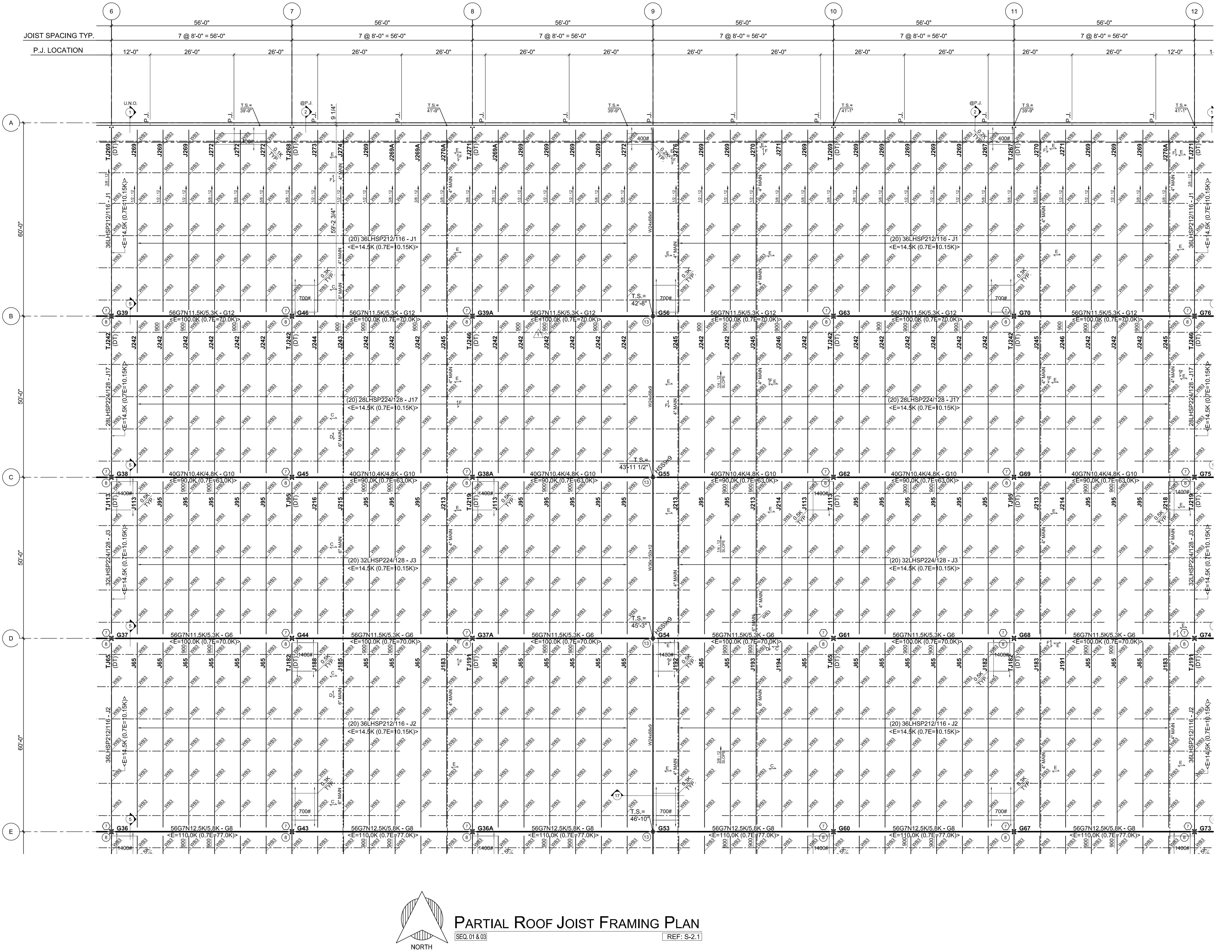
FOR SPRINKLER PIPE LEGEND & LOAD SCHEDULE SEE JE1-01

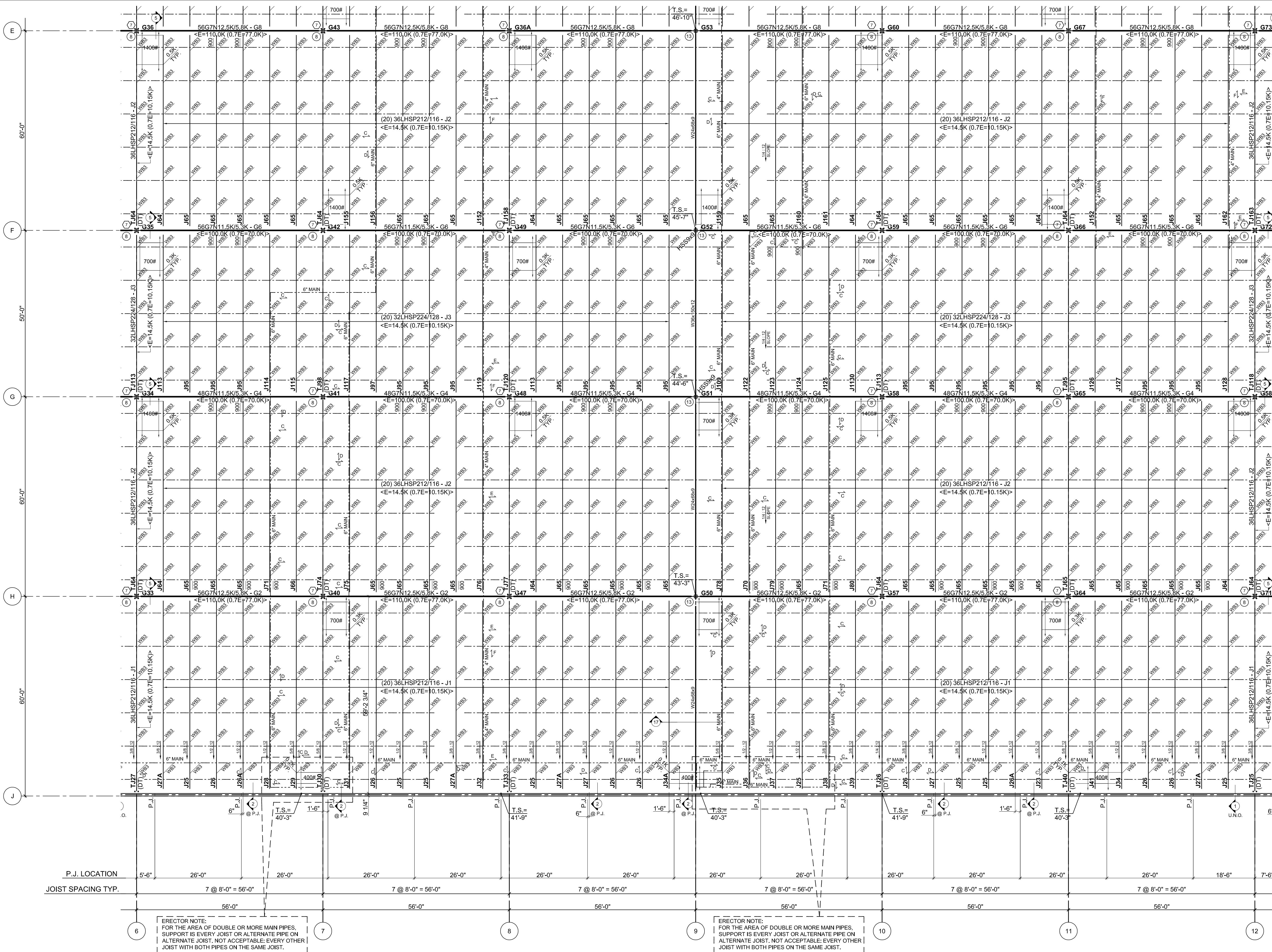
FOR SWAY BRACE LOAD SCHEDULE, SEE JE1.0

PARTIAL ROOF JOIST FRAMING PLAN

SEQ. 02 REF: S-2.1



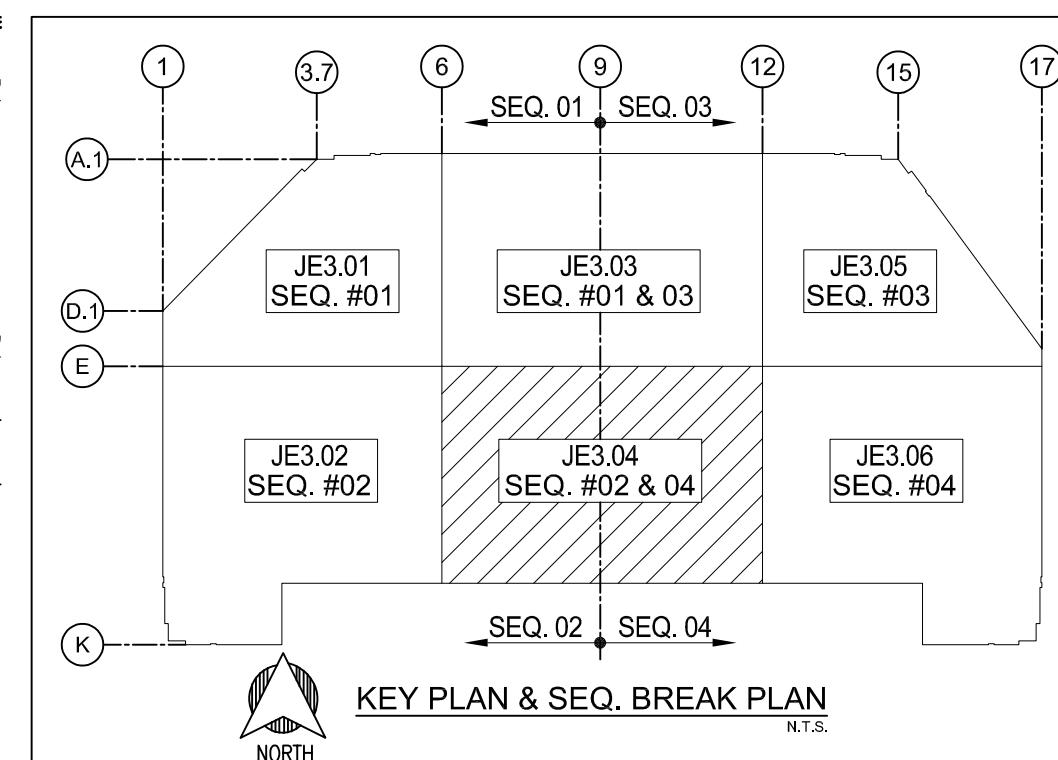


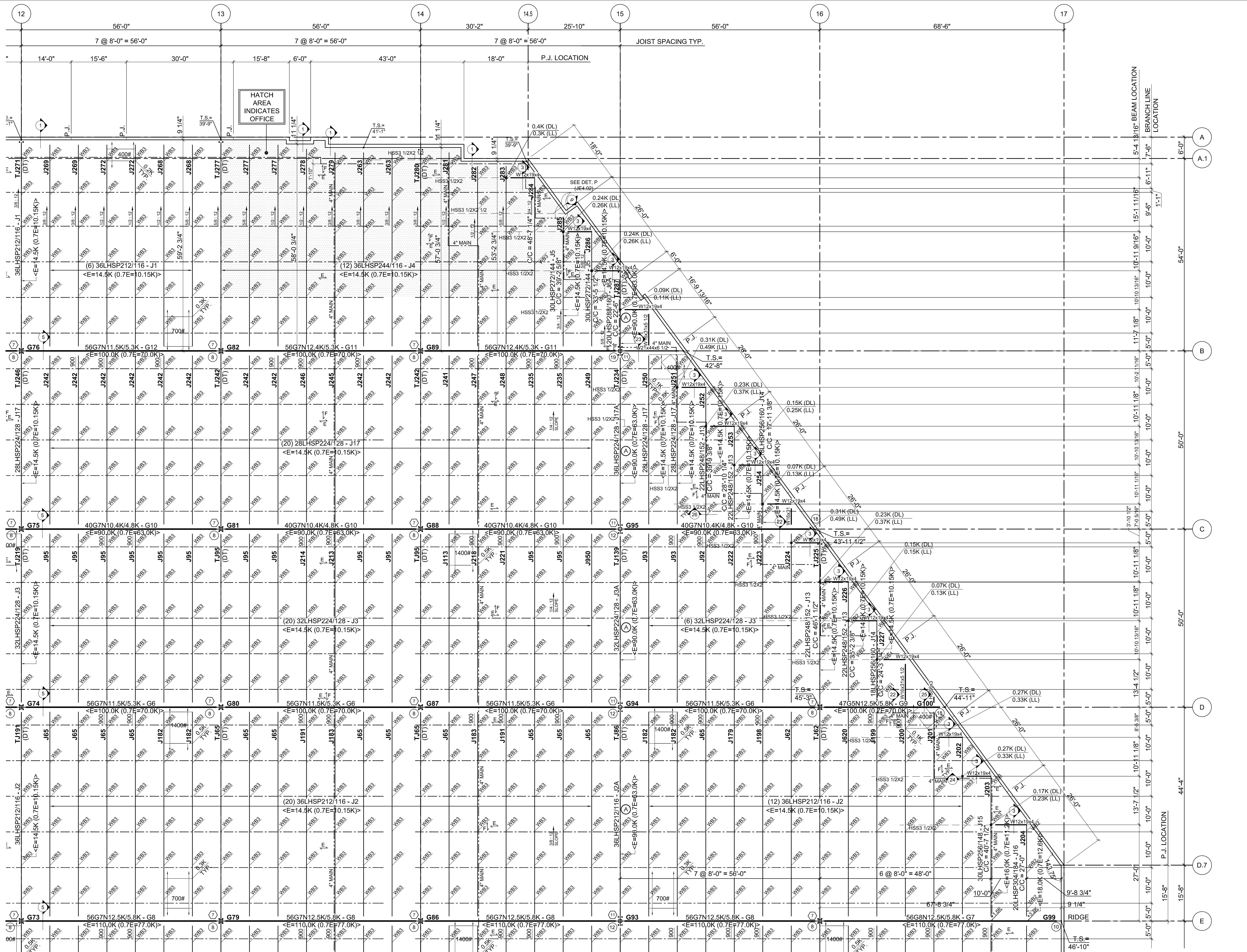


PARTIAL ROOF JOIST FRAMING PLAN

SEQ. 02 & 04

REF: S-2.1

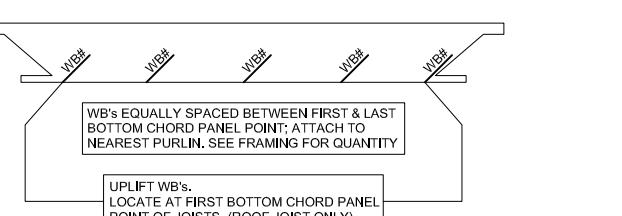




JOIST LEGEND

- PIECEMARKED END IS TAG END ON PLAN
- (X) DENOTES JOIST CONNECTION (TYPE SEE JE4.01)
(X) DENOTES GIRDER CONNECTION (TYPE SEE JE4.01)
- NET UPLIFT: SEE UPLIFT DIAGRAM ON JE1.01
- WB# INDICATE WOOD NAILER BRACE.
WB1= 1 1/2" x 1 1/2" x 0.109 (BRIDGING LENGTH 2'-0")
WB2= 1 1/2" x 1 1/2" x 0.109 (BRIDGING LENGTH 3'-0")
WB3= 1 1/2" x 1 1/2" x 0.109 (BRIDGING LENGTH 4'-0")
WB4= 2" x 2" x 1/8 (BRIDGING LENGTH 5'-0")
WB5= 2" x 2" x 1/8 (BRIDGING LENGTH 6'-0")
- SEE JE4.01 FOR SECTIONS.
- COLUMNS = HSS10x10 (TYP.) U.N.O.

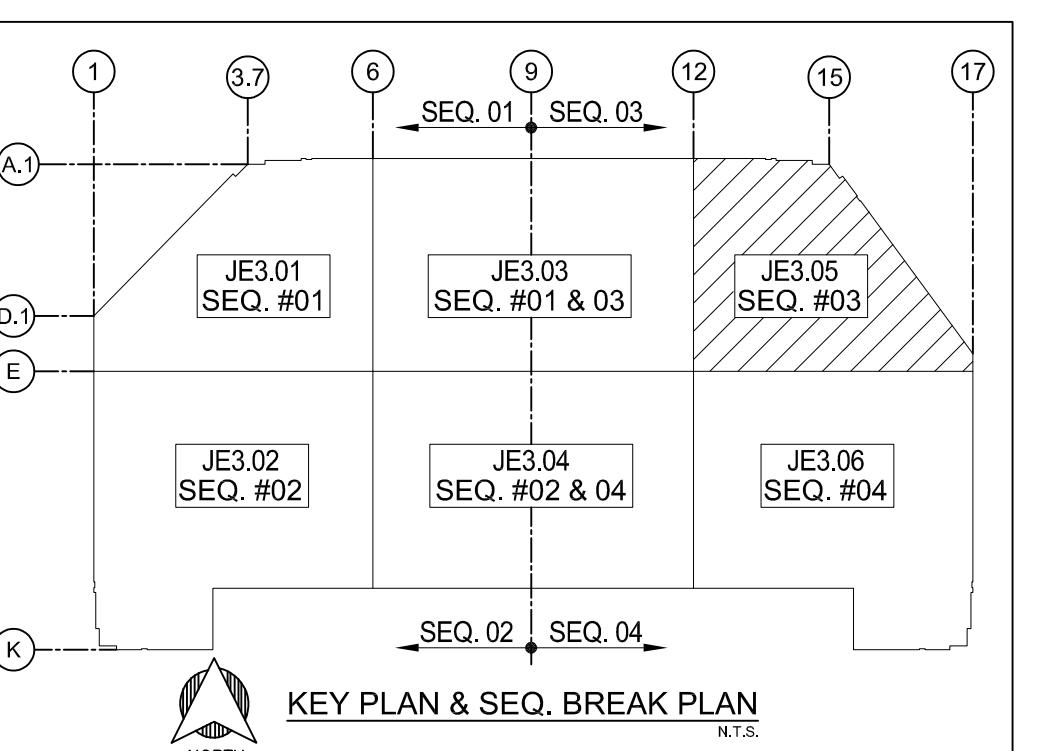
7. FOR RTU LOADS ON JOIST USING THIS SYMBOL.
THE ARROWS REPRESENT THAT THE SUPPORTING JOISTS HAVE BEEN DESIGNED FOR THE UNIT TO BE PLACED ANYWHERE ALONG THE JOIST SPAN, AND THE JOIST REINFORCEMENT AT CONCENTRATED LOADS DETAIL IS NOT REQUIRED.

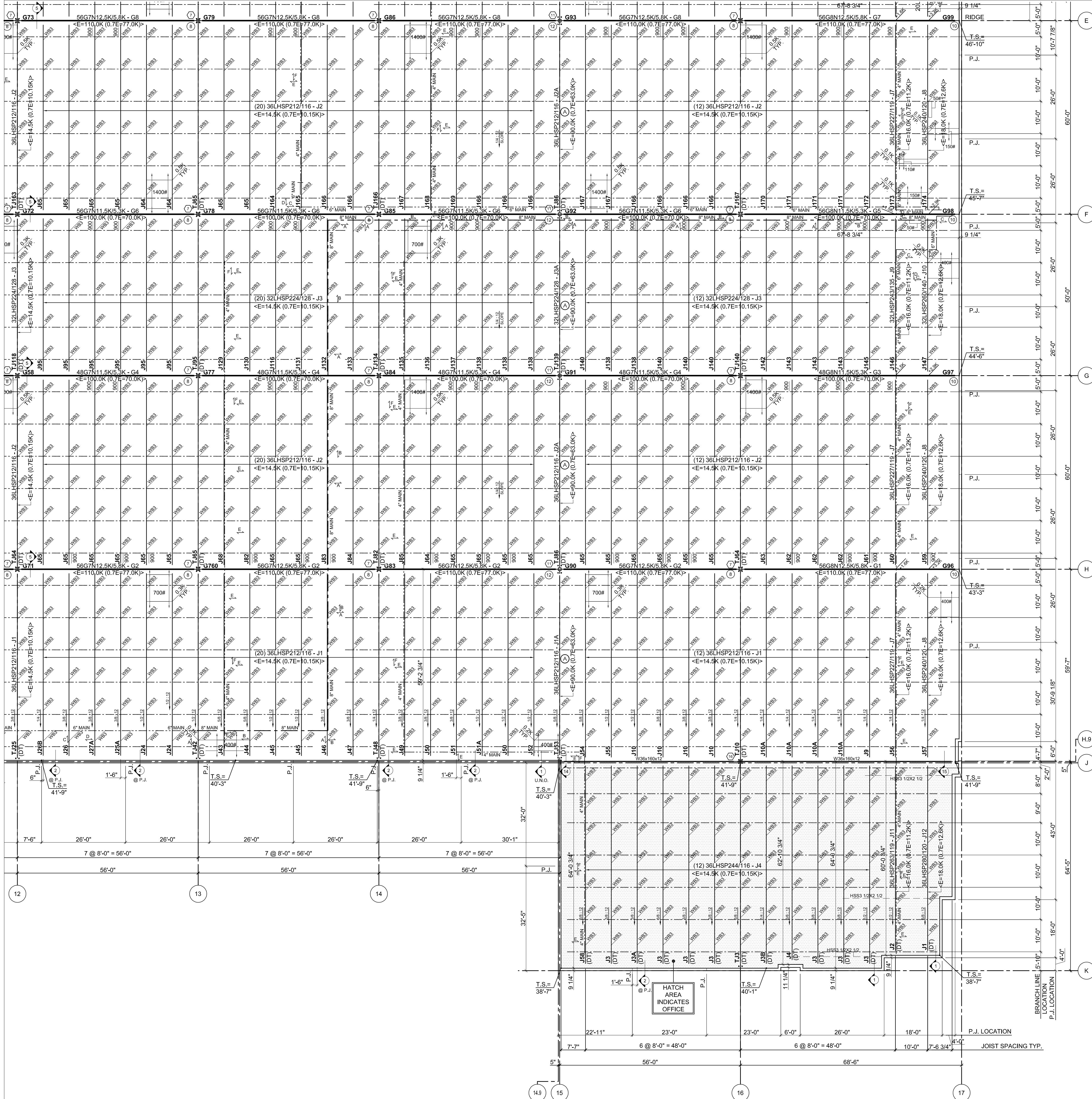


TYPICAL WB's SPACING DETAIL

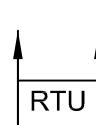


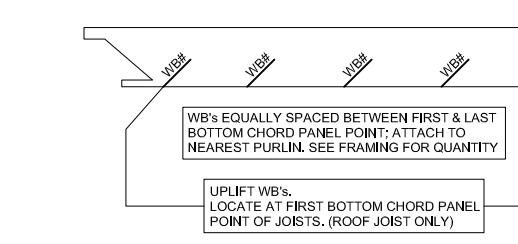
- FOR SPRINKLER PIPE LEGEND & LOAD SCHEDULE, SEE JE1.01.
FOR SWAY BRACE LOAD SCHEDULE, SEE JE1.01.



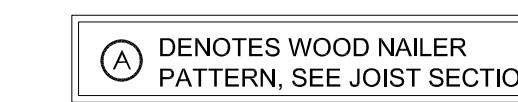


JOIST LEGEN

1. PIECE MARKED END IS TAG END ON PLAN
 2.  DENOTES JOIST CONNECTION (TYPE SEE JE4.01)
 DENOTES GIRDER CONNECTION (TYPE SEE JE4.01)
 3. NET UPLIFT: SEE UPLIFT DIAGRAM ON JE1.01
 4. WB# INDICATE WOOD NAILER BRACE.
WB1= 1 1/2"x1 1/2"x0.109 (BRIDGING LENGTH 2'-0")
WB2= 1 1/2"x1 1/2"x0.109 (BRIDGING LENGTH 3'-0")
WB3= 1 1/2"x1 1/2"x0.109 (BRIDGING LENGTH 4'-0")
WB4= 2"x2"x1/8 (BRIDGING LENGTH 5'-0")
WB5= 2"x2"x1/8 (BRIDGING LENGTH 6'-0")
 5. SEE JE4.01 FOR SECTIONS.
 6. COLUMNS = HSS10x10 (TYP.) U.N.O.
 7.  = FOR RTU LOADS ON JOIST USING THIS SYSTEM
THE ARROWS REPRESENT THAT THE SUPPORTING JOISTS HAVE BEEN DESIGNED FOR THE UPLIFT TO BE PLACED ANYWHERE ALONG THE JOIST AND THE JOIST REINFORCEMENT AT CONCRETE LOADS DETAIL IS NOT REQUIRED.



TYPICAL WB's SPACING D

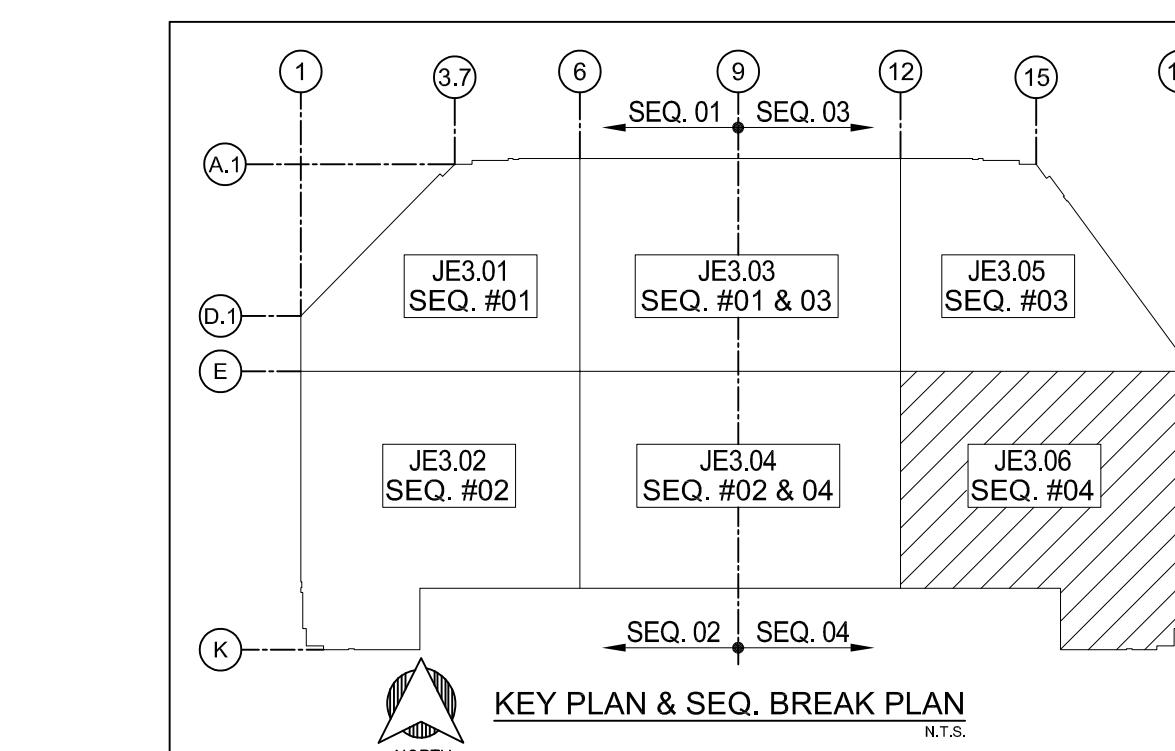


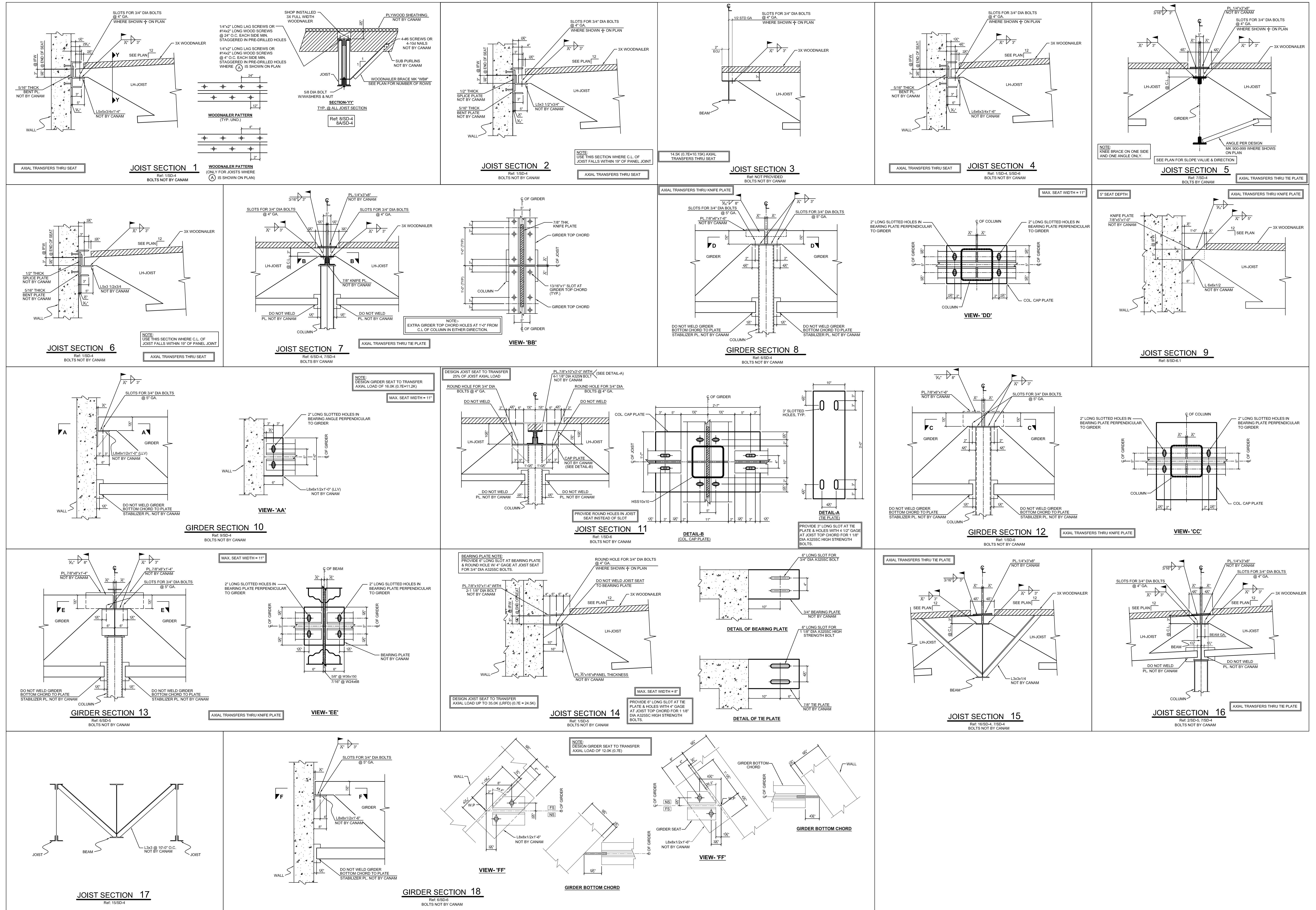
FOR SPRINKLER PIPE LEGEND & LOAD SCHEDULE, SEE JE1

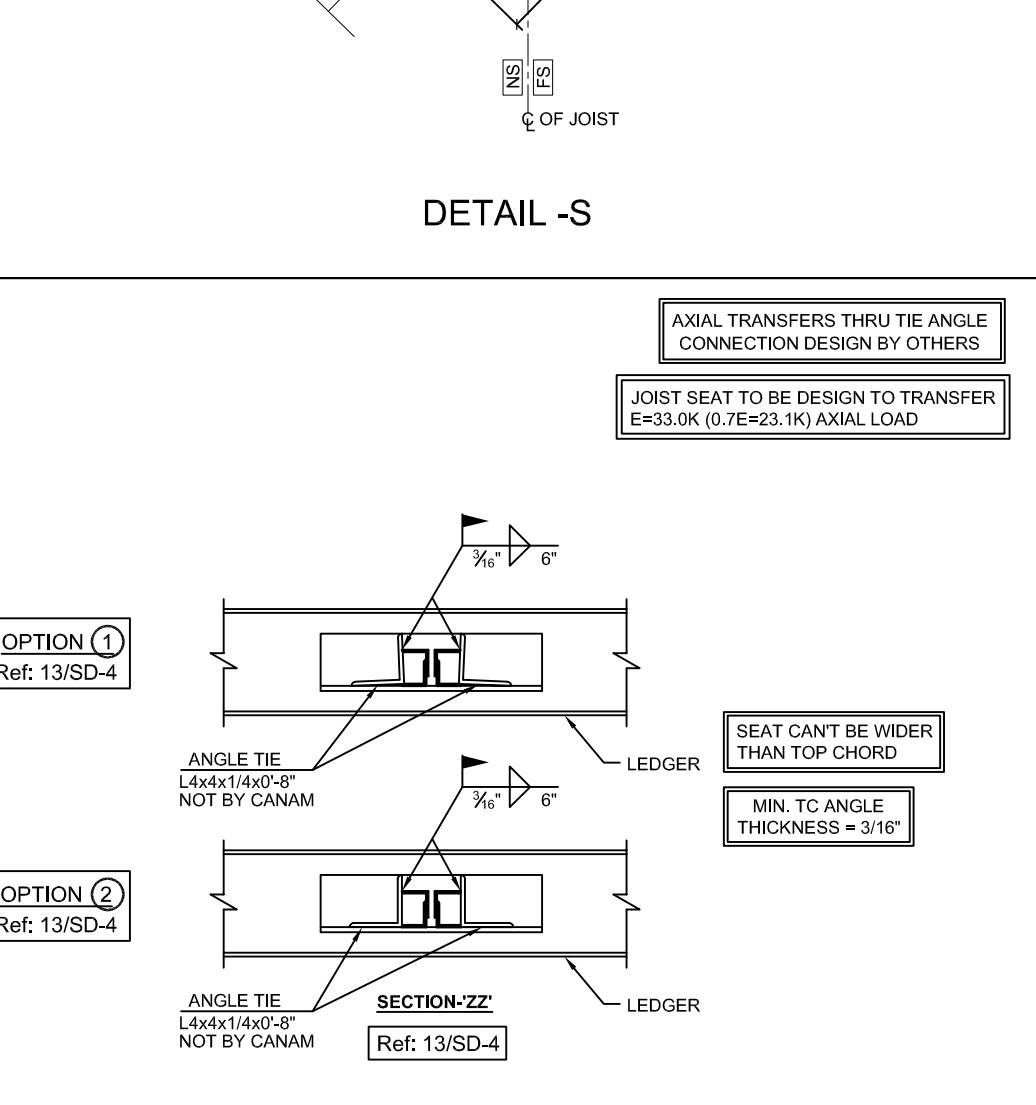
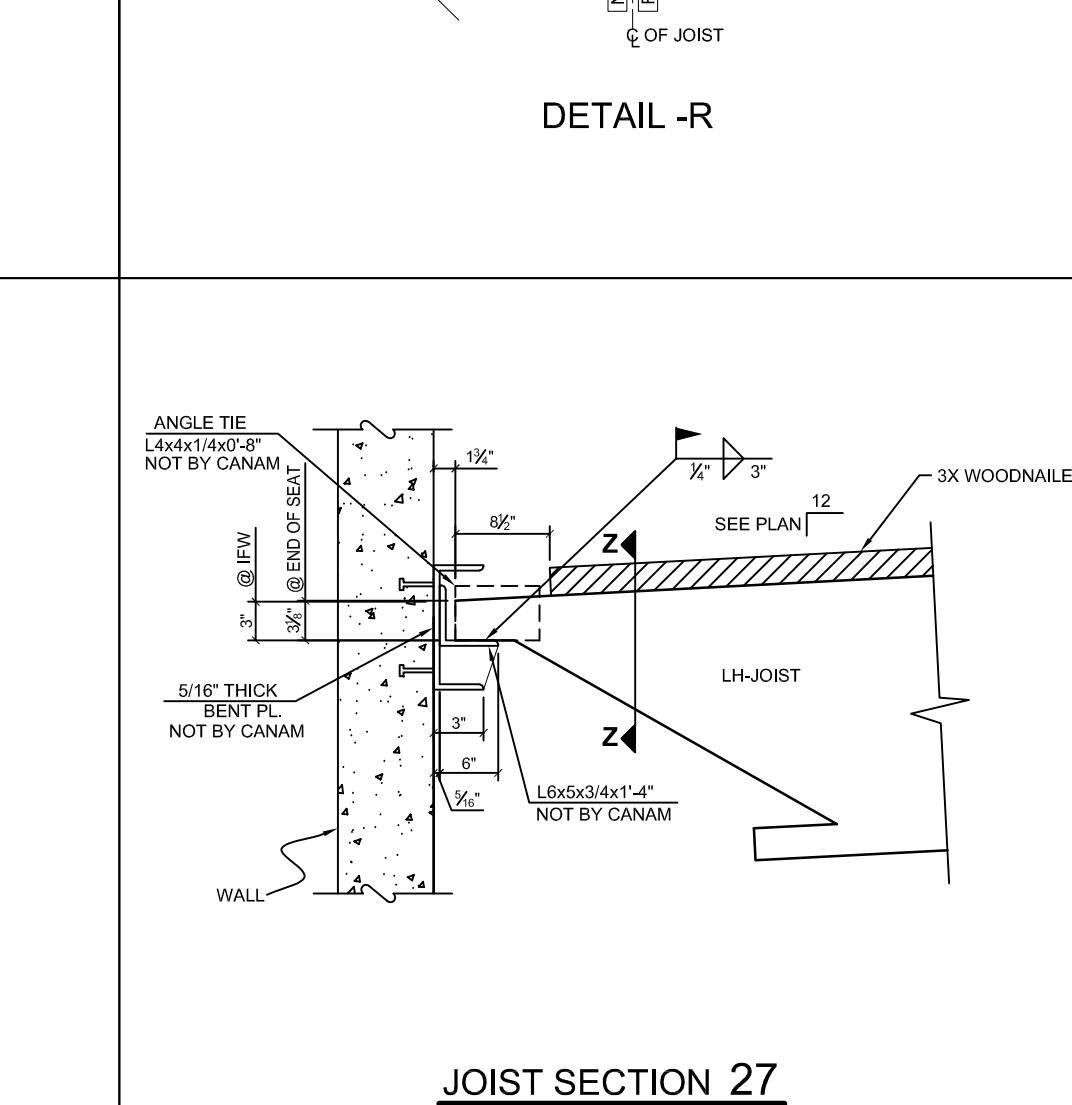
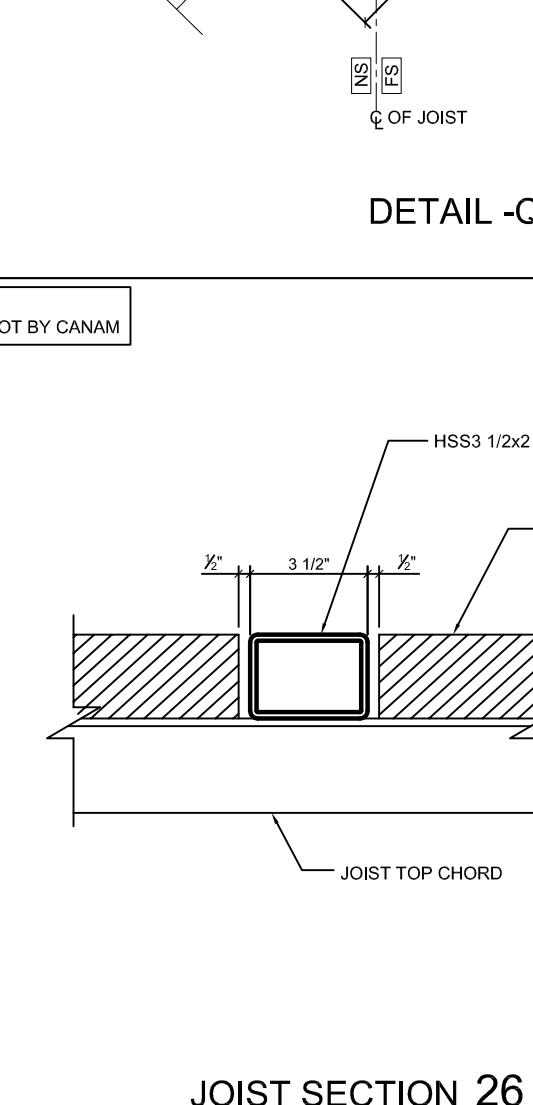
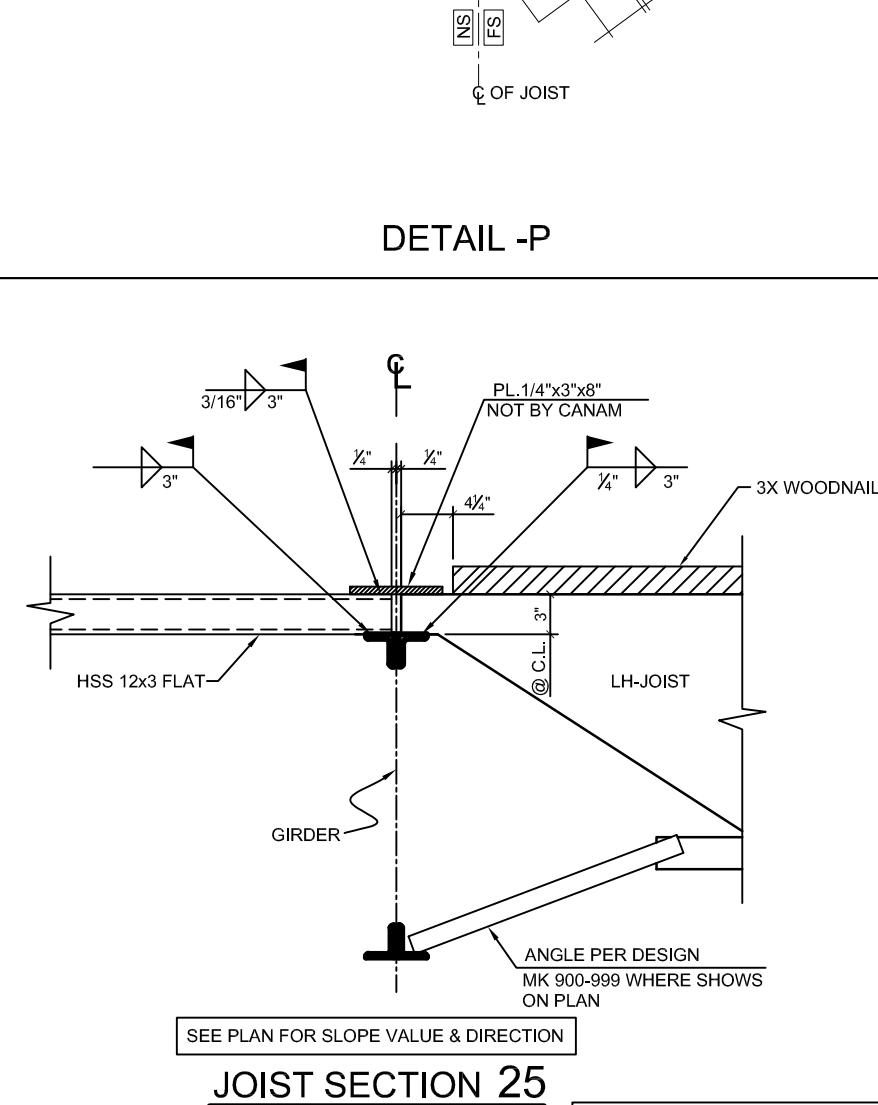
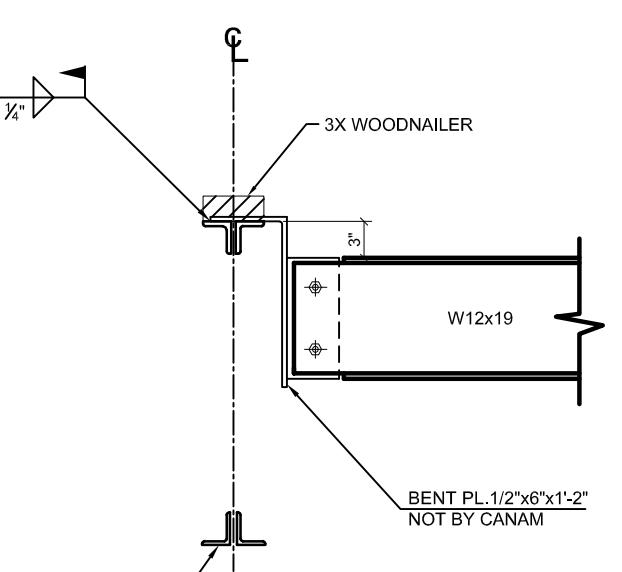
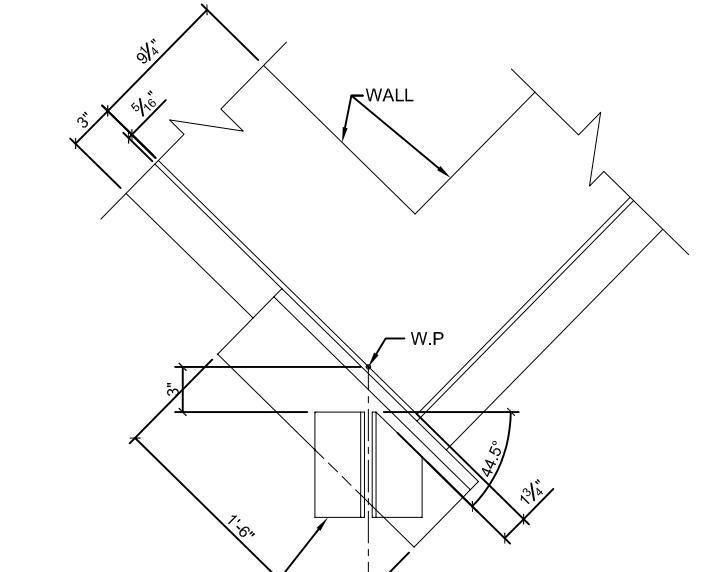
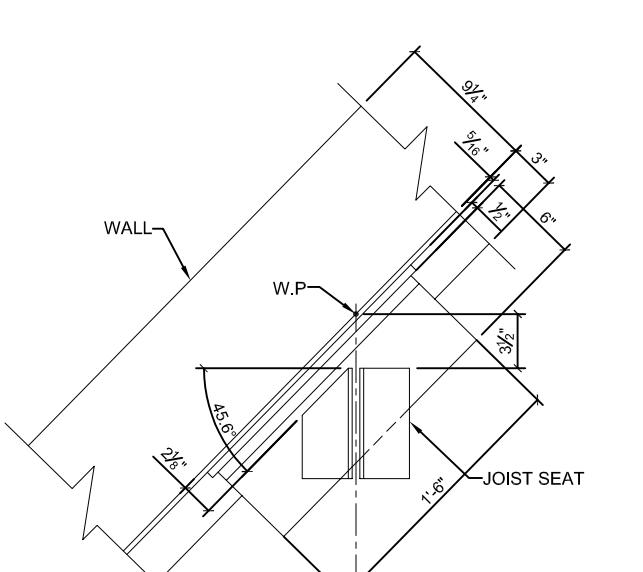
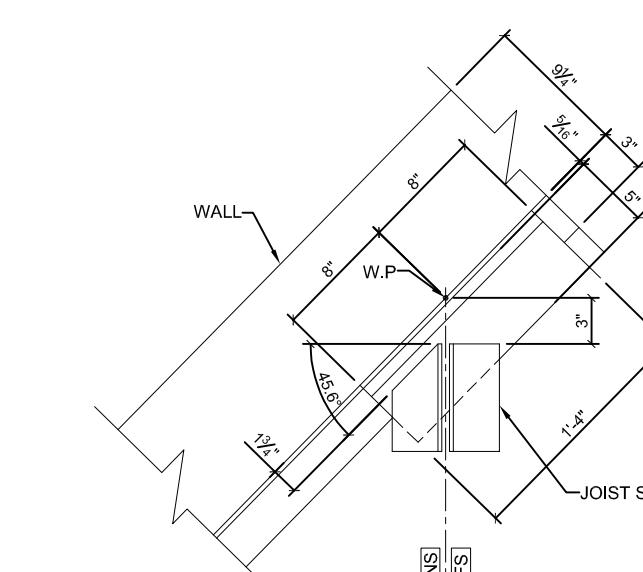
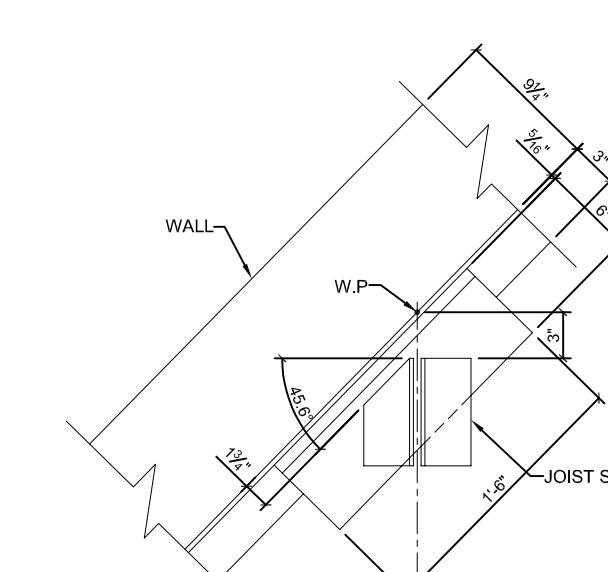
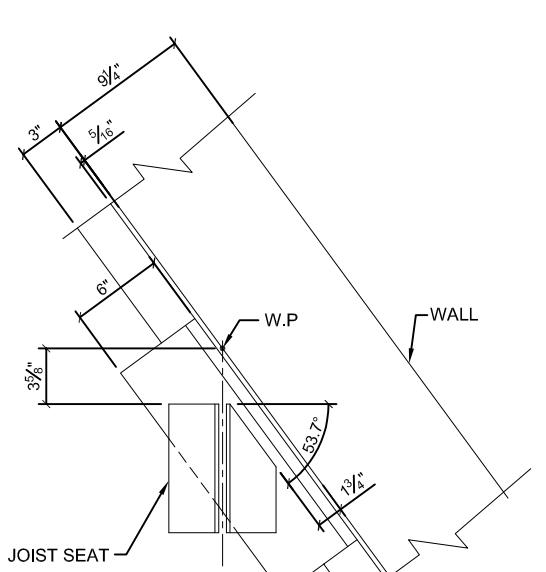
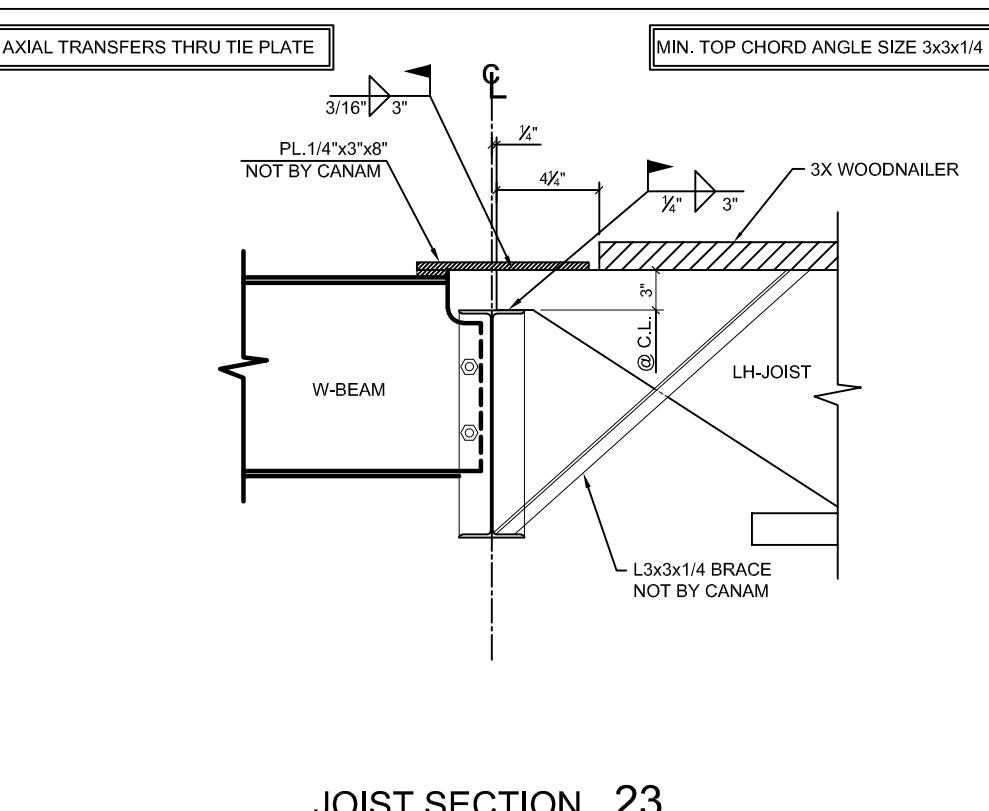
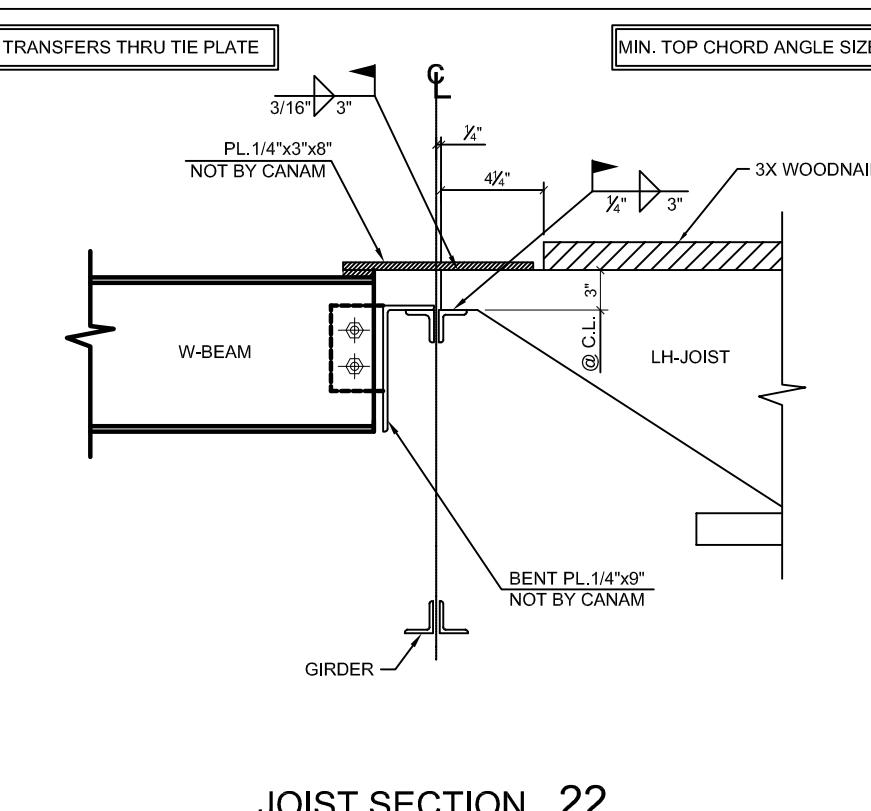
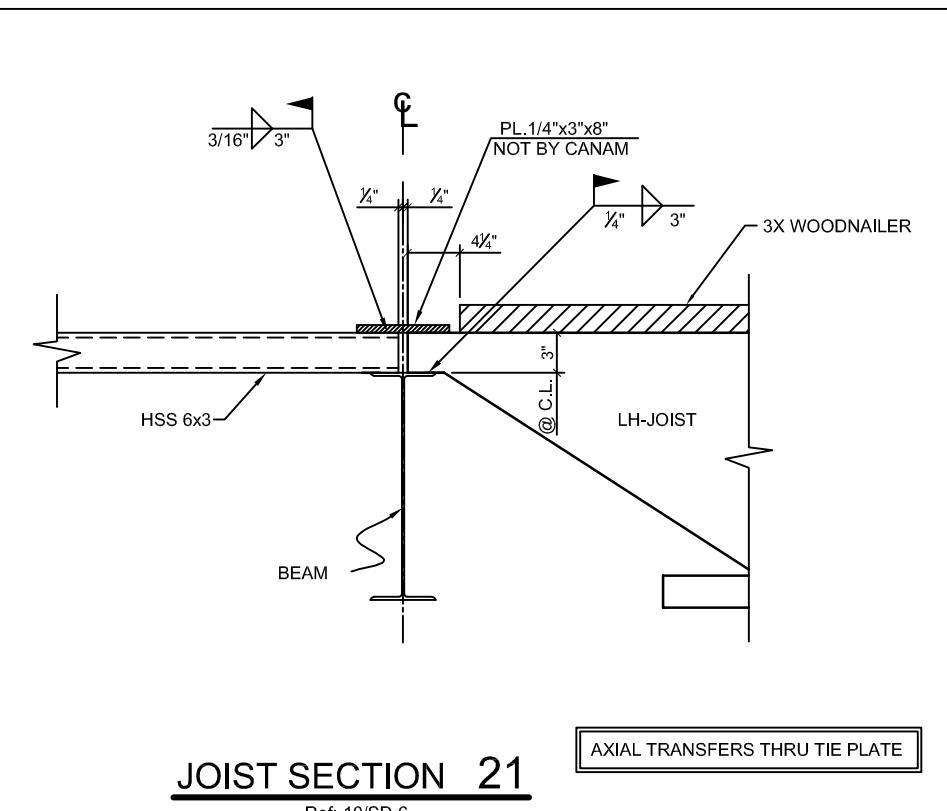
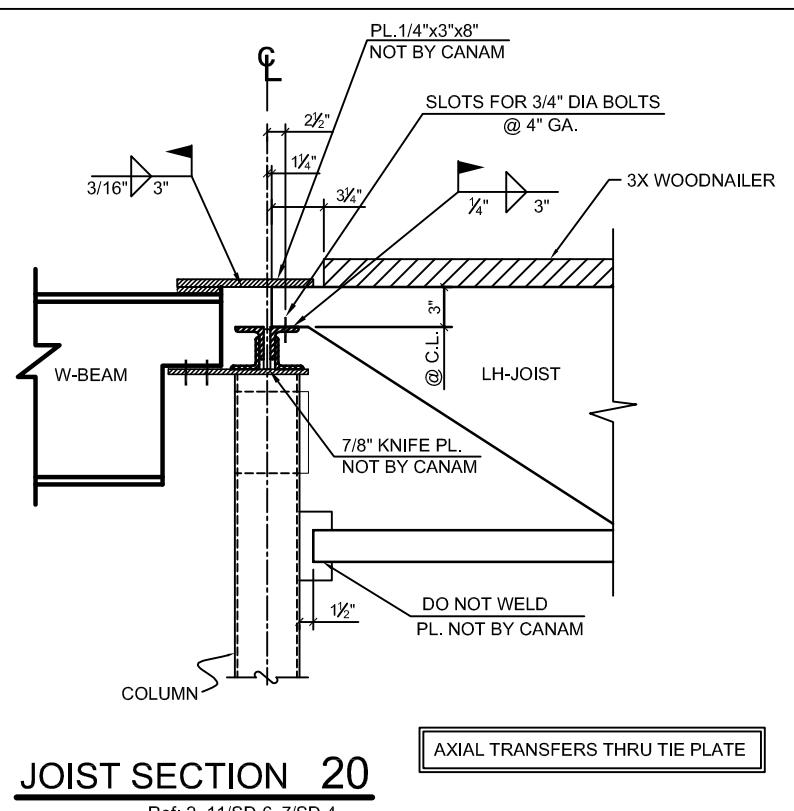
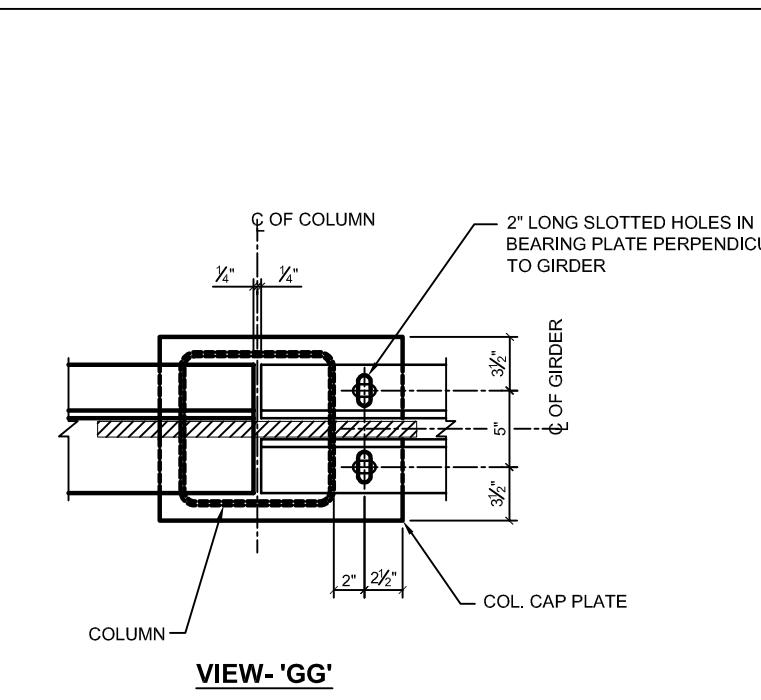
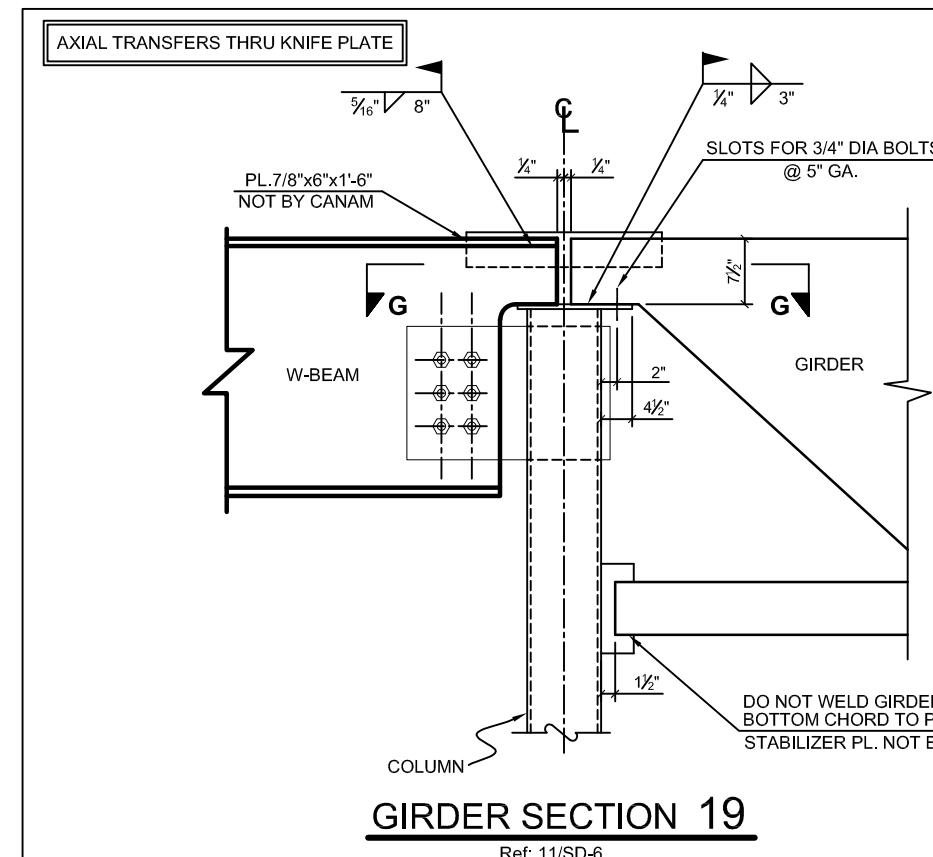
FOR SWAY BRACE LOAD SCHEDULE, SEE J.

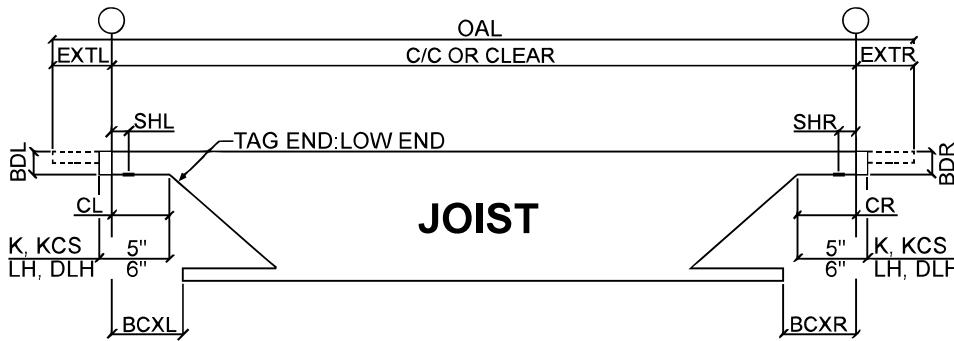
PARTIAL ROOF JOIST FRAMING PLAN

 SEQ. 04 REF: S



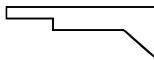




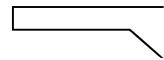


LENGTHS SHOWN ARE IN HORIZONTAL PROJECTION
DT = Danger Tag (per OSHA)

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

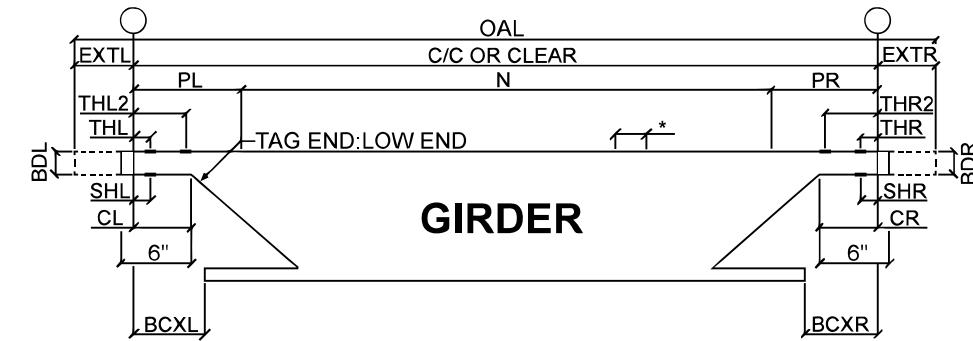


TYPE "S" EXT



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



LENGTHS SHOWN ARE IN HORIZONTAL PROJECTION

***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

EXTL = EXtension Top Left
CL = Clearance Left
BDL = Bearing Depth Left
SHL = Seat Holes Left
BCXL = Bottom Chord EXtension Left
THL = Top Chord Hole Left (Girder)
THL2 = Top Chord Hole Left 2nd (Girder)
PL = Panel Left (Girder)

EXTR = EXtension Top Right
CR = Clearance Right
BDR = Bearing Depth Right
SHR = Seat Holes Right
BCXR = Bottom Chord EXtension Right
THR = Top Chord Hole Right (Girder)
THR2 = Top Chord Hole Right 2nd (Girder)
PR = Panel Right (Girder)

C/C or Clear = C/C of Grid or Inside Face of Wall
OAL = Over All Length
N = Number of Joist Spacings

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE | | | | | JE4.01) TYP. UNO. | | | | | | | | | | |
|--|---|-------------------------------|-----------------------------------|----------------|--|--|------------------------------|--|---|--|-------------------|--------------|-----------|--------|---------|--------|-----------|--------|--------|-------------|---|
| | ASD <input checked="" type="checkbox"/> | LRFD <input type="checkbox"/> | FACTORED <input type="checkbox"/> | (TYP. U.N.O.). | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | | | | | | |
| Refer to joist notes list | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | BELOW T.O.J. FOR SPRINKLER LINE LOCATIONS SEE DRAWINGS & JOIST NOTES | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | |
| 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 |
| 01J | 01TJ | 02J | 02TJ | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J1 | 36LHSP280/120 - J12 | 5/8/12 | -1 1/4" | 60'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/4" | (1), (39), (CB6), DT |
| --- | --- | 1 | --- | 1 | J2 | 36LHSP263/119 - J11 | 1/2/12 | -1 1/4" | 60'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/4" | (1), (39), (CB6), DT |
| --- | --- | 7 | --- | 7 | J3 | 36LHSP244/116 - J4 | 1/2/12 | -1 1/4" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 63'-11 1/4" | (1), (5), (40), (CB6), DT |
| --- | --- | 1 | --- | 1 | J3B | 36LHSP244/116 - J4 | 1/4/12 | -1 1/4" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 63'-11 1/4" | (1), (5), (40), (CB6), DT |
| --- | --- | 1 | 1 | TJ3 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 3/4" | ---- | 1 7/8" | 63'-11 1/4" | (1), (5), (40), (CB6), DT |
| --- | --- | 1 | --- | 1 | J4 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 62'-10 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 62'-9 1/4" | (1), (5), (41), (CB6), DT |
| --- | --- | 1 | --- | 1 | J5 | 36LHSP244/116 - J4 | 3/8/12 | -2 1/8" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 63'-10 3/8" | (1), (5), (40), (CB6), DT |
| --- | --- | 1 | --- | 1 | J6 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 63'-11 1/4" | (1), (5), (40), (CB6), DT |
| --- | --- | 1 | --- | 1 | J7 | 36LHSP240/120 - J8 | 1/4/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) |
| --- | --- | 1 | --- | 1 | J8 | 36LHSP227/119 - J7 | 1/4/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) |
| --- | --- | 1 | --- | 1 | J9 | 36LHSP212/116 - J1 | 1/4/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) |
| --- | --- | 4 | --- | 4 | J10 | 36LHSP212/116 - J1 | 1/2/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) |
| --- | --- | 4 | --- | 4 | J10A | 36LHSP212/116 - J1 | 1/4/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) |
| --- | --- | 1 | 1 | TJ10 | 36LHSP212/116 - J1 | 1/4/12 | -1/4" | 59'-7" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 3/4" | 2 1/2" | 1 7/8" | 6 1/2" | 59'-5 1/2" | (37), (CB4), DT |
| --- | --- | 1 | --- | 1 | J11 | 36LHSP212/116 - J1 | 1/2/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) |
| --- | --- | 1 | --- | 1 | J12 | 36LHSP212/116 - J1 | 5/8/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) |
| --- | --- | 1 | 1 | TJ13 | 36LHSP212/116 - J1A | 5/8/12 | -4" | 59'-2 3/4" | -7 1/2" | F | 1'-4" | F | 1'-3 1/2" | 5" | 10 1/2" | 10" | 1'-0 1/2" | ---- | 7 1/2" | 58'-3 1/4" | (38), (44), (45), (48), (49), (50), (51), (CB5), DT |
| --- | --- | 2 | --- | 2 | J14 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J14A | 36LHSP212/116 - J1 | 1/4/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | 1 | TJ14 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (38), (CB7), DT |
| 0 | 0 | 29 | 4 | 33 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | PAINT: Gray 1 Coat | | | | | REV # | DATE: | | | | | |

| NOTES: | NET UPLIFT: <input type="checkbox"/> PLF | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. | | | | | | | | | | | | | | | | |
|--|--|-------------------------------|-----------------------------------|--|--|--------------------|------------------------------|--|-----------------------------|--------------|--------|--------------|--------|--------|--------|--------|-----------------------|--------|-------------|-----------------|-----------------|
| | ASD <input checked="" type="checkbox"/> | LRFD <input type="checkbox"/> | FACTORED <input type="checkbox"/> | (TYP. U.N.O.). ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | | | | | | | | | | | |
| Refer to joist notes list | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | |
| 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 |
| 01J | 01TJ | 02J | 02TJ | | | | | | | | | | | | | | | | | | |
| --- | --- | 2 | --- | 2 | J15 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 2 | --- | 2 | J16 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J17 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J18 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J19 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J20 | 36LHSP212/116 - J1 | 5/8/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J21 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | 1 | TJ22 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (38), (CB7), DT |
| --- | 1 | --- | 1 | J23A | 36LHSP212/116 - J1 | 1/2/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (38), (CB6) | |
| --- | 1 | --- | 1 | J24 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | 6 | --- | 6 | J25 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | 5 | --- | 5 | J26 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | 1 | --- | 1 | J26A | 36LHSP212/116 - J1 | 1/2/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (38), (CB6) | |
| --- | 1 | --- | 1 | J26C | 36LHSP212/116 - J1 | 1/4/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | 1 | --- | 1 | J27 | 36LHSP212/116 - J1 | 3/8/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (38), (CB6) | |
| --- | 3 | --- | 3 | J27A | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | 1 | 1 | TJ27 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (38), (CB7), DT | |
| --- | 1 | --- | 1 | J28 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | 1 | --- | 1 | J29 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | 1 | 1 | TJ30 | 36LHSP212/116 - J1 | 5/8/12 | -2 1/8" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 4" | 2 1/2" | ---- | 6 1/2" | 58'-11 3/8" | (38), (CB7), DT | |
| 0 | 0 | 30 | 3 | 33 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. | | | | | | | | | | | | | | | | |
|--|---|-----|------|------|--|--|------------------------------|--|-----------------------------|--------------|-----------------------|--------------|-----------|---------|---|-----------|-----------|--------|--------|-------------|---|-----------|
| | | | | | | (TYP. U.N.O.). | | | | | | | | | | | | | | | | |
| Refer to joist notes list | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | |
| 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 | |
| 01J | 01TJ | 02J | 02TJ | | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J31 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 1 | --- | 1 | J32 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 1 | 1 | TJ33 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (38), (CB7), DT | |
| --- | --- | 1 | --- | 1 | J34A | 36LHSP212/116 - J1 | 1/2/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (38), (CB6) | |
| --- | --- | 1 | --- | 1 | J59 | 36LHSP240/120 - J8 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | --- | 1 | --- | 1 | J60 | 36LHSP227/119 - J7 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| 1 | --- | 2 | --- | 3 | J61 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| 3 | --- | 6 | --- | 9 | J62 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | --- | 2 | --- | 2 | J63 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | --- | 11 | --- | 11 | J64 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | --- | 5 | 5 | TJ64 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | |
| 28 | --- | 53 | --- | 81 | J65 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | 2 | --- | 2 | 4 | TJ65 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT |
| --- | --- | 3 | --- | 3 | J66 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | --- | 1 | 1 | TJ66 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | |
| --- | --- | 1 | 1 | TJ67 | 36LHSP212/116 - J2A | 1/4/12 | -7 1/2" | 60'-0" | -7 1/2" | F | 1'-3 1/2" | F | 1'-3 1/2" | 10 1/2" | 10 1/2" | 1'-0 1/2" | 1'-0 1/2" | 7 1/2" | 7 1/2" | 58'-9" | (43), (44), (45), (46), (47), (CB2), DT | |
| --- | --- | 1 | --- | 1 | J68 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | --- | 1 | --- | 1 | J69 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | --- | 1 | --- | 1 | J70 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| --- | 2 | --- | 2 | 2 | J71 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| 32 | 2 | 87 | 10 | 131 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | PAINT: Gray 1 Coat | | REV # | | DATE: | | | | | | | |

| NOTES: | NET UPLIFT: <input type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|--|-----|-----|------|--|--|------------------------------|--|-----------------------------|--------------|---|--------------|----|-----------|---------|---|-----------|-----------|-----------------------|--------|-------------|--|--|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 01J | 01TJ | 02J | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | --- | 1 | 1 | TJ74 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | |
| --- | --- | 1 | --- | 1 | J75 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 59'-11 1/2" | | |
| --- | --- | 1 | --- | 1 | J76 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 59'-11 1/2" | | |
| --- | --- | 1 | 1 | 1 | TJ77 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | |
| --- | 1 | --- | 1 | 2 | TJ86 | 36LHSP212/116 - J2A | 3/8/12 | -7 1/2" | 60'-0" | -7 1/2" | F | 1'-3 1/2" | F | 1'-3 1/2" | 10 1/2" | 10 1/2" | 1'-0 1/2" | 1'-0 1/2" | 7 1/2" | 7 1/2" | 58'-9" | (43), (44), (45), (46), (47), (CB2), DT | |
| --- | --- | 1 | --- | 1 | J90 | 32LHSP260/140 - J10 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J91 | 32LHSP243/135 - J9 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| 1 | --- | 1 | --- | 2 | J92 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| --- | 1 | --- | --- | 1 | TJ92 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), DT | |
| 2 | --- | 4 | --- | 6 | J93 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| 24 | --- | 18 | --- | 42 | J95 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| --- | 2 | --- | 1 | 3 | TJ95 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT | |
| --- | --- | 1 | --- | 1 | J96 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 2 | --- | 2 | J97 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J98 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | 1 | 1 | TJ98 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT | |
| --- | --- | 1 | 1 | 1 | TJ99 | 32LHSP224/128 - J3A | 1/4/12 | -7 1/2" | 50'-0" | -7 1/2" | F | 1'-3 1/2" | F | 1'-3 1/2" | 10 1/2" | 10 1/2" | 1'-0 1/2" | 1'-0 1/2" | 7 1/2" | 7 1/2" | 48'-9" | (4), (23), (43), (44), (45), (46), (47), (CB2), DT | |
| --- | --- | 2 | --- | 2 | J100 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | 1 | 1 | TJ100 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT | |
| --- | --- | 1 | --- | 1 | J101 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | --- | 49'-11 1/2" | (4), (23) | |
| 27 | 4 | 34 | 7 | 72 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |

| NOTES: | NET UPLIFT: <input type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. | | | | | | | | | | | | | | | | |
|--|--|-----|-----|-------|--|--|------------------------------|--|--|--------------|--------|--------------|--------|-----------|---|---------|-----------------------|-----------|--------|-------------|----------------------|--|
| | | | | | | (TYP. U.N.O.). | | | | | | | | | | | | | | | | |
| Refer to joist notes list | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | |
| 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 | |
| 01J | 01TJ | 02J | | | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J102 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J103 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 2 | --- | 2 | J104 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J105 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J106 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J107 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J108 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J109 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | 1 | TJ110 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT | |
| --- | --- | 1 | --- | 1 | J111 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J112 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| 4 | --- | 2 | --- | 6 | J113 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | 1 | --- | 1 | 2 | TJ113 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT |
| --- | --- | 1 | --- | 1 | J114 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J115 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J117 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | --- | 1 | J119 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | |
| --- | --- | 1 | 1 | 1 | TJ120 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT |
| --- | 1 | --- | 1 | 1 | TJ139 | 32LHSP224/128 - J3A | 1/4/12 | -7 1/2" | 50'-0" | -7 1/2" | F | 1'-3 1/2" | F | 1'-3 1/2" | 10 1/2" | 10 1/2" | 1'-0 1/2" | 1'-0 1/2" | 7 1/2" | 7 1/2" | 48'-9" | (4), (23), (43), (44), (45), (46), (47), (CB2), DT |
| --- | 1 | --- | 1 | 1 | J148 | 36LHSP240/120 - J8 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | |
| 4 | 2 | 18 | 3 | 27 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE CUSTOMED. | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | | |
| | | | | | | | | | | | | | | | | | SPEC. | PLANT. | | | | |

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRF D <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|---|-----|-----|-------|--|--|------------------------------|--|-----------------------------|--------------|---|--------------|--------|--------|-----|---|--------|--------|-----------------------|-------------|------------|-----------|--|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 01J | 01TJ | 02J | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | 1 | --- | 2 | J149 | 36LHSP227/119 - J7 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J150 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | 1 | TJ150 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | | |
| --- | --- | 1 | --- | 1 | J151 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 3 | --- | 3 | J152 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 2 | --- | 2 | J153 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J154 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J155 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J156 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | 1 | TJ158 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | | |
| 1 | --- | --- | --- | 1 | J175 | 36LHSP240/120 - J8 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J179 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | 1 | --- | --- | 1 | TJ179 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | |
| 1 | --- | --- | --- | 1 | J180 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | 1 | --- | --- | 1 | TJ180 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | |
| 1 | --- | --- | --- | 1 | J181 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 3 | --- | --- | --- | 3 | J182 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | 1 | --- | --- | 1 | TJ182 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | |
| 3 | --- | --- | --- | 3 | J183 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 2 | --- | --- | --- | 2 | J184 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 13 | 3 | 11 | 2 | 29 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |

| | | |
|----------|-----------|------|
| CUSTOMER | QUOTE NO. | DATE |
|----------|-----------|------|

| NOTES: | NET UPLIFT: <input type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|--|-----|-----|-------|--|--|------------------------------|--|-----------------------------|--------------|---|--------------|--------|-----|-----|---|--------|--------|-------------------------------------|---------------------------------|-------|--|--|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 01J | 01TJ | 02J | | | | | | | | | | | | | | | | | | | | | |
| 2 | --- | --- | 2 | J185 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| 1 | --- | --- | 1 | J188 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| --- | 1 | --- | 1 | TJ191 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" (CB1), DT | | | |
| 1 | --- | --- | 1 | J205 | 18LHSP256/160 - J14 | ---- | -3" | 23'-1 1/4" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 22'-10" (2), (27), (55), (CB11) | | | | |
| 1 | --- | --- | 1 | J206 | 22LHSP248/152 - J13 | ---- | -3" | 31'-3 1/8" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 30'-11 7/8" (3), (28), (55), (CB11) | | | | |
| 1 | --- | --- | 1 | J207 | 22LHSP248/152 - J13 | ---- | -3" | 39'-5 1/8" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 39'-1 7/8" (3), (29), (55), (CB11) | | | | |
| 1 | --- | --- | 1 | J208 | 22LHSP248/152 - J13 | 1/4/12 | -3 1/2" | 47'-7" | -1/4" | F | 9 3/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 47'-3 1/4" (4), (30), (55), (CB11) | | | | |
| 1 | --- | --- | 1 | J209 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| 1 | --- | --- | 1 | J210 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| 1 | --- | --- | 1 | J211 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| 1 | --- | --- | 1 | J212 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| 1 | --- | --- | 1 | J213 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| 2 | --- | --- | 2 | J215 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| 1 | --- | --- | 1 | J216 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| --- | 1 | --- | 1 | TJ216 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | | |
| 2 | --- | --- | 2 | J217 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| --- | 1 | --- | 1 | TJ219 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | | |
| 2 | --- | --- | 2 | J220 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| 1 | --- | --- | 1 | J228 | 18LHSP256/160 - J14 | ---- | -3" | 22'-0 3/4" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 21'-9 1/2" (2), (19), (55), (CB11) | | | | |
| 1 | --- | --- | 1 | J229 | 22LHSP248/152 - J13 | ---- | -3" | 30'-2 5/8" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 29'-11 3/8" (2), (20), (55), (CB11) | | | | |
| 21 | 3 | 0 | 0 | 24 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |

CUSTOMER: SPEC: PLANT:

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|---|-----|-----|-------|--|--|---------|-----------------|-----------------------------|--------------|---|--------------|-----------|---------|---------|---|-----------------------|--------|-------------|-------------------------|--|--|--|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 01J | 01TJ | 02J | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | 1 | J230 | 22LHSP248/152 - J13 | ---- | -3" | 38'-4 5/8" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 38'-1 3/8" | (3), (21), (55), (CB11) | | | |
| 1 | --- | --- | 1 | J231 | 22LHSP248/152 - J13 | 1/4/12 | -3" | 46'-6 1/2" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 46'-3 1/4" | (4), (22), (55), (CB11) | | | |
| 1 | --- | --- | 1 | J232 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J233 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| --- | 1 | --- | 1 | TJ234 | 36LHSP224/128 - J17A | 1/4/12 | -7 1/2" | 50'-0" | -7 1/2" | F | 1'-3 1/2" | F | 1'-3 1/2" | 10 1/2" | 10 1/2" | 1'-0 1/2" | 1'-0 1/2" | 7 1/2" | 7 1/2" | 48'-9" | (4), (23), (43), (44), (45), (46), (47), (CB2), DT | | |
| 2 | --- | --- | 2 | J235 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J237 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J238 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J239 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J241 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| --- | 1 | --- | 1 | TJ241 | 28LHSP224/128 - J17 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT | | |
| 24 | --- | --- | 24 | J242 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| --- | 2 | --- | 2 | TJ242 | 28LHSP224/128 - J17 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT | | |
| 2 | --- | --- | 2 | J243 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J244 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| --- | 1 | --- | 1 | TJ244 | 28LHSP224/128 - J17 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT | | |
| 2 | --- | --- | 2 | J245 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J246 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| --- | 1 | --- | 1 | TJ246 | 28LHSP224/128 - J17 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" | (4), (23), (CB1), DT | | |
| --- | 1 | --- | 1 | TJ255 | 20LHSP288/160 - J6A | 3/8/12 | -3" | 19'-4 5/8" | -7 1/2" | F | 7 5/8" | F | 1'-3 1/2" | 3" | 10 1/2" | ---- | 1'-0 1/2" | ---- | 7 1/2" | 18'-6 1/8" | (1), (2), (42), (43), (44), (51), (52), (53), (55), (56), (57), (58), (59), (CB13), DT | | |
| 40 | 7 | 0 | 0 | 47 | TOTAL | LAST SHOP ORDER YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | | PROJECT: 215 INTERCHANGE | | | | | | | | PAINT: Gray 1 Coat | | | REV # | DATE: | | |

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE | | | | | JE4.01) TYP. UNO. | | | | | | | | | | | |
|--|---|-------------------------------|-----------------------------------|----------------|--|--|------------------------------|--|---|--|-------------------|--------------|----|--------|-----|-----------------------|--------|--------|-------|-------------|---|----------------------|
| | ASD <input checked="" type="checkbox"/> | LRFD <input type="checkbox"/> | FACTORED <input type="checkbox"/> | (TYP. U.N.O.). | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | | | | | | | |
| Refer to joist notes list | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | BELOW T.O.J. FOR SPRINKLER LINE LOCATIONS SEE DRAWINGS & JOIST NOTES | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | |
| 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 | |
| 01J | 01TJ | 02J | 02TJ | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | J256 | 20LHSP288/160 - J6 | 3/8/12 | -3" | 29'-2 1/8" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 28'-10 7/8" | (1), (2), (6), (55), (CB11) | |
| 1 | --- | --- | --- | 1 | J257 | 30LHSP272/144 - J5 | 3/8/12 | -3" | 37'-4 1/8" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 37'-0 7/8" | (1), (3), (7), (55), (CB11) | |
| 1 | --- | --- | --- | 1 | J258 | 30LHSP272/144 - J5 | 1/2/12 | -3" | 40'-3 3/4" | -1/4" | F | 9" | F | 6 1/4" | 5" | 3" | ---- | ---- | ---- | 40'-0 1/2" | (1), (3), (8), (54), (55), (58), (CB12) | |
| 1 | --- | --- | --- | 1 | J259 | 36LHSP244/116 - J4 | 1/2/12 | -3" | 47'-11 3/8" | -1/4" | F | 9" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 47'-8 1/8" | (1), (4), (9), (55), (CB11) | |
| 1 | --- | --- | --- | 1 | J260 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 53'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 53'-1 1/4" | (1), (10), (CB6) | |
| 1 | --- | --- | --- | 1 | J261 | 36LHSP244/116 - J4 | 1/2/12 | -1 1/4" | 53'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 53'-1 1/4" | (1), (10), (CB6) | |
| --- | 1 | --- | --- | 1 | TJ262 | 36LHSP244/116 - J4 | 1/2/12 | -1 1/4" | 53'-2 7/8" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 53'-0 3/8" | (1), (10), (CB6), DT |
| 4 | --- | --- | --- | 4 | J263A | 36LHSP244/116 - J4 | 5/8/12 | -1 1/4" | 57'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 56'-11 1/4" | (1), (11), (CB6) | |
| 1 | --- | --- | --- | 1 | J264 | 36LHSP244/116 - J4 | 5/8/12 | -1 1/4" | 59'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 58'-11 1/4" | (1), (12), (CB6) | |
| 1 | --- | --- | --- | 1 | J265 | 36LHSP244/116 - J4 | 5/8/12 | -1 1/4" | 58'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 57'-11 1/4" | (1), (13), (CB6) | |
| --- | 1 | --- | --- | 1 | TJ266 | 36LHSP244/116 - J4 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (1), (14), (CB7), DT |
| 1 | --- | --- | --- | 1 | J267 | 36LHSP212/116 - J1 | 5/8/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (14), (CB6) | |
| 1 | --- | --- | --- | 1 | J268 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | |
| --- | 1 | --- | --- | 1 | TJ268 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (14), (CB7), DT |
| 8 | --- | --- | --- | 8 | J269 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | |
| 5 | --- | --- | --- | 5 | J269A | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | |
| --- | 1 | --- | --- | 1 | TJ269 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (14), (CB7), DT |
| 2 | --- | --- | --- | 2 | J270A | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | |
| 1 | --- | --- | --- | 1 | J271 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | |
| --- | 1 | --- | --- | 1 | TJ271 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (14), (CB7), DT |
| 30 | 5 | 0 | 0 | 35 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | PAINT: Gray 1 Coat | | | REV # | DATE: | | |

| NOTE | DESCRIPTION | NOTE | DESCRIPTION |
|------|--|------|--|
| 1 | DEFLECTION : TL = L/240 & LL = L/360 | 29 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-5 1/8", 14'-5 1/8", 24'-5 1/8", 34'-5 1/8" FTE |
| 2 | 1 ROW OF WB'S + (2) - WB'S FOR UPLIFT | 30 | 2.0" (OD = 2.375") BRANCH LINE @ 2'-7", 12'-7", 22'-7", 32'-7", 42'-7" FTE |
| 3 | 2 ROWS OF WB'S + (2) - WB'S FOR UPLIFT | 37 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-7", 14'-7", 24'-7", 34'-7", 44'-7", 54'-7" FTE |
| 4 | 3 ROWS OF WB'S + (2) - WB'S FOR UPLIFT | 38 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-2 3/4", 14'-2 3/4", 24'-2 3/4", 34'-2 3/4", |
| 5 | 5 ROWS OF WB'S + (2) - WB'S FOR UPLIFT | | 44'-2 3/4", 54'-2 3/4" FTE |
| 6 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-2 1/8", 14'-2 1/8", 24'-2 1/8" FTE | 39 | 2.0" (OD = 2.375") BRANCH LINE @ 1'-0 3/4", 11'-0 3/4", 21'-0 3/4", 31'-0 3/4", |
| 7 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-10 5/8", 12'-4 1/8", 22'-4 1/8", 32'-4 1/8" FTE | 40 | 41'-0 3/4", 50'-0 3/4", 58'-0 3/4" FTE 2.0" (OD = 2.375") BRANCH LINE @ 5'-0 3/4", 15'-0 3/4", 25'-0 3/4", 35'-0 3/4", |
| 8 | 2.0" (OD = 2.375") BRANCH LINE @ 5'-3 3/4", 15'-3 3/4", 25'-3 3/4", 35'-3 3/4" FTE | | 45'-0 3/4", 54'-0 3/4", 62'-0 3/4" FTE |
| 9 | 2.0" (OD = 2.375") BRANCH LINE @ 3'-5 3/8", 12'-11 3/8", 22'-11 3/8", 32'-11 3/8", 42'-11 3/8" FTE | 41 | 2.0" (OD = 2.375") BRANCH LINE @ 3'-10 3/4", 13'-10 3/4", 23'-10 3/4", 33'-10 3/4", 43'-10 3/4", 52'-10 3/4", 60'-10 3/4" FTE |
| 10 | 2.0" (OD = 2.375") BRANCH LINE @ 8-3/4", 8'-8 3/4", 18'-2 3/4", 28'-2 3/4", 38'-2 3/4", 48'-2 3/4" FTE | 42 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-4 5/8", 14'-4 5/8" FTE |
| 11 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-6 3/4", 12'-6 3/4", 22'-0 3/4", 32'-0 3/4", 42'-0 3/4", 52'-0 3/4" FTE | 43 | 3X WOOD NAILER WITH 4/2 SCREW PATTERN (SEE SECTION-1 ON SHEET JE4.01) |
| 12 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-8 3/4", 14'-6 3/4", 24'-0 3/4", 34'-0 3/4", 44'-0 3/4", 54'-0 3/4" FTE | 44 | DESIGNER PLEASE CHECK TC WIDTH FOR WORKABLE HOLE GAGE FOR TIE PLATE (SEE SECTION-11). |
| 13 | 2.0" (OD = 2.375") BRANCH LINE @ 3'-8 3/4", 13'-6 3/4", 23'-0 3/4", 33'-0 3/4", 43'-0 3/4", 53'-0 3/4" FTE | 45 | NO WELDED CONNECTION @ BE, ONLY BOLTED. |
| 14 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-10 3/4", 14'-8 3/4", 24'-2 3/4", 34'-2 3/4", 44'-2 3/4", 54'-2 3/4" FTE | 46 | ROUND HOLE IN JOIST SEAT INSTEAD OF SLOT @ BE FOR 3/4" DIA BOLT |
| 19 | 2.0" (OD = 2.375") BRANCH LINE @ 7'-0 3/4", 17'-0 3/4" FTE | 47 | (DESIGN FOR 2 1/4" MOVEMENT @ BE). PROVIDE TC HOLES @ BE @ 1'-1 1/2" WITH 4 1/2" GAGE @ FOR 1 1/8" DIA BOLT |
| 20 | 2.0" (OD = 2.375") BRANCH LINE @ 5'-2 3/4", 15'-2 3/4", 25'-2 3/4" FTE | 48 | (SEE SECTION-11). |
| 21 | 2.0" (OD = 2.375") BRANCH LINE @ 3'-4 1/2", 13'-4 1/2", 23'-4 1/2", 33'-4 1/2" FTE | 49 | ROUND HOLE IN JOIST SEAT INSTEAD OF SLOT @ BE FOR 3/4" DIA BOLT (DESIGN FOR 5 1/4" MOVEMENT @ TE AND 2 1/4" @ NON-TE). |
| 22 | 2.0" (OD = 2.375") BRANCH LINE @ 1'-6 1/2", 11'-6 1/2", 21'-6 1/2", 31'-6 1/2", 41'-6 1/2" FTE | 50 | PROVIDE TC HOLES WITH 4 1/2" GAGE @ 0'-10" FTE FOR 1 1/8" DIA BOLT (SEE SECTION-14). |
| 23 | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0" FTE | 51 | MAX. SEAT WIDTH = 8" @ TE PROVIDE TC HOLES WITH 4 1/2" GAGE @ 1'-1 1/2" FROM NON-TE FOR 1 1/8" DIA |
| 27 | 2.0" (OD = 2.375") BRANCH LINE @ 8'-1 1/4", 18'-1 1/4" FTE | 52 | BOLT (SEE SECTION-11). |
| 28 | 2.0" (OD = 2.375") BRANCH LINE @ 6'-3 1/4", 16'-3 1/4", 26'-3 1/4" FTE | | NO WELDED CONNECTION @ NON-TE, ONLY BOLTED. |

PROJECT

PRINT

PAGE / DATE

PROJECT

DAIKIN.

DEVM

[DATE]

| NOTES: | | NET UPLIFT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | | | |
|--|-----|--|-----|---|-------|-----------------------|------------------------------|--|-----------------------------|-------|---------|--------|--------|--------|------|-----|--------|-----------------------|------|------|-----------|------------|-------|--------------|
| | | ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA |
| 01G | 02G | --- | --- | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G1 | 56G8N12.5K/5.8K - G1 | ---- | -3/4" | 67'-8 3/4" | -1/4" | 6 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | 3" | 7" | 1 1/2" | 6 1/2" | ---- | 2" | 9'-8 3/4" | 1 @ 10'-0" | 8'-0" | 67'-7 3/4" |
| (102), (105), (111) | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G2 | 48G8N11.5K/5.3K - G3 | ---- | -3/4" | 67'-8 3/4" | -1/4" | 6 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | 3" | 7" | 1 1/2" | 6 1/2" | ---- | 2" | 9'-8 3/4" | 1 @ 10'-0" | 8'-0" | 67'-7 3/4" |
| (102), (105), (111) | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G3 | 56G8N11.5K/5.3K - G5 | ---- | -3/4" | 67'-8 3/4" | -1/4" | 6 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | 3" | 7" | 1 1/2" | 6 1/2" | ---- | 2" | 9'-8 3/4" | 1 @ 10'-0" | 8'-0" | 67'-7 3/4" |
| (102), (105), (111) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G4 | 56G8N12.5K/5.8K - G7 | ---- | -3/4" | 67'-8 3/4" | -1/4" | 6 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | 3" | 7" | 1 1/2" | 6 1/2" | ---- | 2" | 9'-8 3/4" | 1 @ 10'-0" | 8'-0" | 67'-7 3/4" |
| (102), (105), (111) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G5 | 56G8N11.5K/5.3K - G5 | ---- | -2" | 62'-7 7/8" | -1/4" | 11 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | ---- | 7" | 5 1/2" | 6 1/2" | ---- | 2" | 4'-7 7/8" | 1 @ 10'-0" | 8'-0" | 62'-5 5/8" |
| (103), (105), (111), (116), (117) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G6 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G7 | 56G7N12.4K/5.3K - G11 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (101), (102), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G8 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G9 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G10 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 6 | --- | --- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | PAINT: Gray 1 Coat | | | REV # | | DATE: | |

| NOTES: | | NET UPLIFT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | | | |
|--|-----|--|-----|---|-------|-----------------------|------------------------------|--|--|-------|--------|--------|--------|--------|-----|-----|--------|--------|--------------------------------|-----------------|-------|-----------|-------|--------------|
| | | ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA |
| 01G | 02G | --- | --- | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G11 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G12 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| --- | 1 | --- | --- | 1 | G13 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| --- | 1 | --- | --- | 1 | G14 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| --- | 1 | --- | --- | 1 | G15 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G16 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G17 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G18 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| --- | 1 | --- | --- | 1 | G19 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| --- | 1 | --- | --- | 1 | G20 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 5 | 5 | --- | --- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE CUSTOMED. | | | | | | | | | | PAINT: Gray 1 Coat SPEC. | REV # PLANT. | DATE: | | | |

| NOTES: | | NET UPLIFT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | |
|--|------|---|------|------|----------------|---|------------------------------|--|-----------------------------|-------|--------|--------|--------|--------|------|------|-----------------------|--------|----|-------|-------|--------------|-------|-------------|
| ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA | | |
| 01G | 02G | --- | --- | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G21 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G22 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G23 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G24 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G25 | 56G7N12.4K/5.3K - G11 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (101), (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | ---- | ---- | 1 | G26 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | ---- | ---- | 1 | G27 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | ---- | ---- | 1 | G28 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G29 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G30 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 4 | ---- | ---- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | PAINT: Gray 1 Coat | | | REV # | | DATE: | | |
| CUSTOMER | | | | | | | | | | | | | | | | | | | | QUOTE | | | PLANT | |

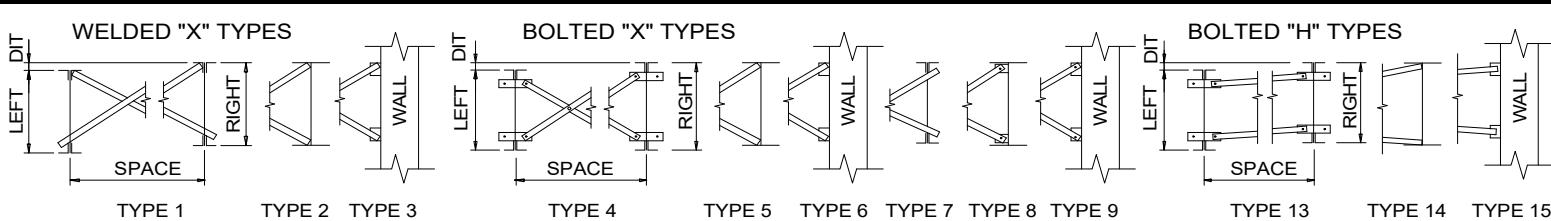
| NOTES: | | NET UPLIFT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | | | |
|--|-----|--|-----|---|-------|-----------------------|------------------------------|--|--|-------|--------|--------|--------|--------|-----|--------|--------|--------|-----------------------|-------|--------|-----------|-------|--------------|
| | | ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA |
| 01G | 02G | --- | --- | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G31 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G32 | 56G7N11.5K/5.3K - G12 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| --- | 1 | --- | --- | 1 | G33 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| --- | 1 | --- | --- | 1 | G34 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| --- | 1 | --- | --- | 1 | G35 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G36 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G36A | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -7/8" | 9 1/2" | 6 3/8" | 7 1/2" | 7 1/2" | 7" | 4 7/8" | 6 1/2" | 6 1/2" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" |
| (102), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G37 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G37A | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -7/8" | 9 1/2" | 6 3/8" | 7 1/2" | 7 1/2" | 7" | 4 7/8" | 6 1/2" | 6" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" |
| (102), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 1 | --- | --- | --- | 1 | G38 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| 7 | 3 | --- | --- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE CUSTOMED. | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | | |
| | | | | | | | | | | | | | | | | | | | | SPEC. | PLANT. | | | |

| NOTES: | | NET UPLIFT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | |
|--|------|---|------|-----|-------|---|------------------------------|--|-----------------------------|-------|--------|--------|--------|--------|-----|--------|-----------------------|--------|-----|-------|-------|-----------|--------|--------------|
| ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA |
| 01G | 02G | --- | --- | 1 | G38A | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -7/8" | 9 1/2" | 6 3/8" | 7 1/2" | 7 1/2" | 7" | 4 7/8" | 6 1/2" | 6" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" |
| (102), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G39 | 56G7N11.5K/5.3K - G12 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G39A | 56G7N11.5K/5.3K - G12 | ---- | -1/4" | 56'-0" | -7/8" | 9 1/2" | 6 3/8" | 7 1/2" | 7 1/2" | 7" | 4 7/8" | 6 1/2" | 6 1/2" | 2" | ---- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" |
| (102), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| ---- | 1 | ---- | ---- | 1 | G40 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| ---- | 1 | ---- | ---- | 1 | G41 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| ---- | 1 | ---- | ---- | 1 | G42 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G43 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G44 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G45 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ---- | ---- | ---- | 1 | G46 | 56G7N11.5K/5.3K - G12 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 3 | ---- | ---- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | PAINT: Gray 1 Coat | | | REV # | | DATE: | | |
| CUSTOMER: | | | | | | | | | | | | | | | | | | | | SPEC: | | | PLANT: | |

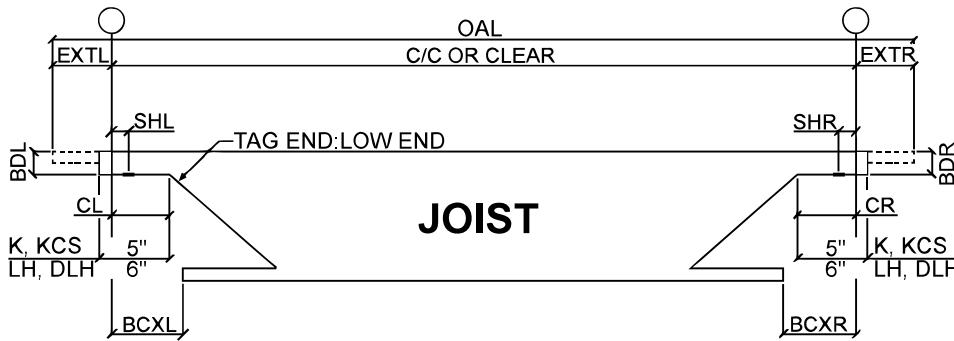
PROJECT

PAINT

REV# DATE:

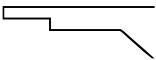


NOTE FOR "D1T" USE "+" WHEN "LEFT" IS LOWER THAN "RIGHT" & USE "-" WHEN "RIGHT" IS LOWER THAN "LEFT"

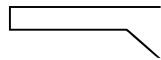


LENGTHS SHOWN ARE IN HORIZONTAL PROJECTION
DT = Danger Tag (per OSHA)

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

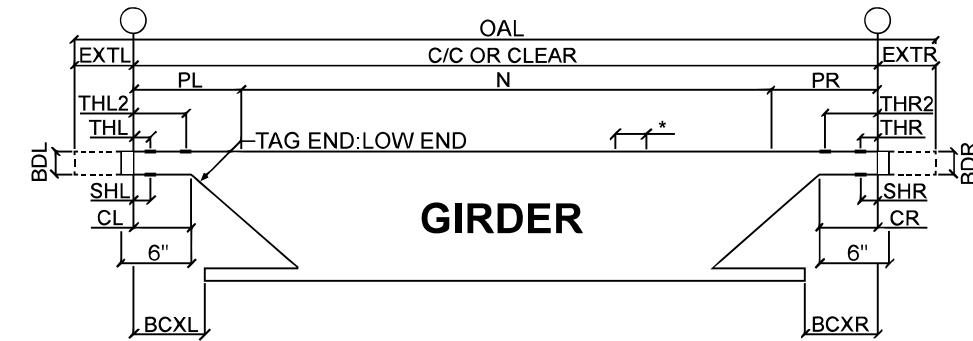


TYPE "S" EXT



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



LENGTHS SHOWN ARE IN HORIZONTAL PROJECTION

***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

EXTL = EXtension Top Left
CL = Clearance Left
BDL = Bearing Depth Left
SHL = Seat Holes Left
BCXL = Bottom Chord EXtension Left
THL = Top Chord Hole Left (Girder)
THL2 = Top Chord Hole Left 2nd (Girder)
PL = Panel Left (Girder)

EXTR = EXtension Top Right
CR = Clearance Right
BDR = Bearing Depth Right
SHR = Seat Holes Right
BCXR = Bottom Chord EXtension Right
THR = Top Chord Hole Right (Girder)
THR2 = Top Chord Hole Right 2nd (Girder)
PR = Panel Right (Girder)

| NOTES: | | NET UPLIFT: <input type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|------|--|------|--|--------------------|--|------------------------------|--|-----------------------------|-------|-----------|--------|-----------|--|-----|---|--------|--------|-----------------------|-------------|---------------------------|---------------------------|--|
| Refer to joist notes list | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | BELOW T.O.J. FOR SPRINKLER LINE LOCATIONS SEE DRAWINGS & JOIST NOTES | | | | | | | | | |
| Sds = 0.532g | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | | |
| 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 | |
| 03J | 03TJ | 04J | 04TJ | | | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J1 | 36LHSP280/120 - J12 | 5/8/12 | -1 1/4" | 60'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/4" | (1), (39), (CB6), DT | | |
| --- | --- | 1 | --- | 1 | J2 | 36LHSP263/119 - J11 | 1/2/12 | -1 1/4" | 60'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/4" | (1), (39), (CB6), DT | | |
| --- | --- | 7 | --- | 7 | J3 | 36LHSP244/116 - J4 | 1/2/12 | -1 1/4" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 63'-11 1/4" | (1), (5), (40), (CB6), DT | | |
| --- | --- | 1 | --- | 1 | J3A | 36LHSP244/116 - J4 | 3/8/12 | -2 1/8" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 63'-10 3/8" | (1), (5), (40), (CB6), DT | | |
| --- | --- | 1 | --- | 1 | J3B | 36LHSP244/116 - J4 | 1/4/12 | -1 1/4" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 63'-11 1/4" | (1), (5), (40), (CB6), DT | | |
| --- | --- | 1 | 1 | 1 | TJ3 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 3/4" | ---- | 1 7/8" | 63'-11 1/4" | (1), (5), (40), (CB6), DT | |
| --- | --- | 1 | --- | 1 | J4 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 62'-10 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 62'-9 1/4" | (1), (5), (41), (CB6), DT | | |
| --- | --- | 1 | --- | 1 | J9 | 36LHSP212/116 - J1 | 1/4/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) | | |
| --- | 4 | --- | 4 | J10 | 36LHSP212/116 - J1 | 1/2/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) | | | |
| --- | 4 | --- | 4 | J10A | 36LHSP212/116 - J1 | 1/4/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-6 1/2" | (37) | | | |
| --- | --- | 1 | 1 | TJ10 | 36LHSP212/116 - J1 | 1/4/12 | -1/4" | 59'-7" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 3/4" | 2 1/2" | 1 7/8" | 6 1/2" | 59'-5 1/2" | (37), (CB4), DT | | |
| --- | --- | 1 | --- | 1 | J23 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | | |
| --- | 2 | --- | 2 | J24 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | | | |
| --- | 4 | --- | 4 | J25 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | | | |
| --- | 1 | --- | 1 | J25A | 36LHSP212/116 - J1 | 3/8/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (38), (CB6) | | | |
| --- | --- | 1 | 1 | TJ25 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (38), (CB7), DT | | |
| --- | 4 | --- | 4 | J26 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (38), (CB6) | | | |
| --- | 1 | --- | 1 | J26A | 36LHSP212/116 - J1 | 1/2/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (38), (CB6) | | | |
| --- | 1 | --- | 1 | J26B | 36LHSP212/116 - J1 | 1/4/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (38), (CB6) | | | |
| --- | --- | 1 | 1 | TJ26 | 36LHSP212/116 - J1 | 1/4/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (38), (CB7), DT | | |
| 0 | 0 | 35 | 4 | 39 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |

219 INTERCH

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|---|-----|------|------|--------------------|--|------------------------------|--|-----------------------------|--|--------|-----------|--------|---|-----|---|-----------------------|--------|------------|-------------|-----------------|
| | Refer to joist notes list | | | | | | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | |
| Sds = 0.532g | | | | | | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | |
| 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 |
| 03J | 03TJ | 04J | 04TJ | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J27 | 36LHSP212/116 - J1 | 3/8/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-0 3/8" | (38), (CB6) |
| --- | --- | 2 | --- | 2 | J27A | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J34 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J35 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J36 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J37 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J38 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J39 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | 1 | TJ40 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | --- | 6 1/2" | 59'-0 1/4" | (38), (CB7), DT |
| --- | --- | 1 | 1 | J41 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 1 | 1 | TJ42 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | --- | 6 1/2" | 59'-0 1/4" | (38), (CB7), DT |
| --- | --- | 1 | 1 | J43 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 1 | 1 | J44 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 2 | --- | 2 | J45 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J46 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | 1 | J47 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 1 | 1 | TJ48 | 36LHSP212/116 - J1 | 1/4/12 | -2 1/8" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 4" | 2 1/2" | --- | 6 1/2" | 58'-11 3/8" | (38), (CB7), DT |
| --- | --- | 1 | 1 | J49 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 2 | --- | 2 | J50 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) |
| --- | --- | 1 | --- | 1 | J51 | 36LHSP212/116 - J1 | 3/8/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-0 3/8" | (38), (CB6) |
| 0 | 0 | 20 | 3 | 23 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |
| | | | | | | | | | CUSTOMER: | | | | | | | | SPEC: | PLANT: | | | |

| NOTES: | NET UPLIFT: <input type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|--|-----|------|--|--|--------------------|------------------------------|--|-----------------------------|-----------------------|---|-----------|-----------|--------|---|--------|-----------|--------|-------------|-------------|---|-----------|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | BELOW T.O.J. FOR SPRINKLER LINE LOCATIONS SEE DRAWINGS & JOIST NOTES | | | | | | | |
| Sds = 0.532g | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | |
| 03J | 03TJ | 04J | 04TJ | | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J51A | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 1 | --- | 1 | J52 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-1 1/4" | (38), (CB6) | |
| --- | --- | 1 | 1 | TJ53 | 36LHSP212/116 - J1A | 5/8/12 | -4" | 59'-2 3/4" | -7 1/2" | F | 1'-4" | F | 1'-3 1/2" | 5" | 10 1/2" | 10" | 1'-0 1/2" | --- | 7 1/2" | 58'-3 1/4" | (38), (44), (45), (48), (49), (50), (51), (CB5), DT | |
| --- | --- | 1 | --- | 1 | J54 | 36LHSP212/116 - J1 | 5/8/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-6 1/2" | (37) | |
| --- | --- | 1 | --- | 1 | J55 | 36LHSP212/116 - J1 | 1/2/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-6 1/2" | (37) | |
| --- | --- | 1 | --- | 1 | J56 | 36LHSP227/119 - J7 | 1/4/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-6 1/2" | (37) | |
| --- | --- | 1 | --- | 1 | J57 | 36LHSP240/120 - J8 | 1/4/12 | -1/4" | 59'-7" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-6 1/2" | (37) | |
| --- | --- | 1 | --- | 1 | J58 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 64'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 63'-11 1/4" | (1), (5), (40), (CB6), DT | |
| --- | --- | 1 | --- | 1 | J59 | 36LHSP240/120 - J8 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | |
| --- | --- | 1 | --- | 1 | J60 | 36LHSP227/119 - J7 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | |
| --- | --- | 1 | --- | 1 | J61 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | |
| 1 | --- | 3 | --- | 4 | J62 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | |
| --- | 1 | --- | --- | 1 | TJ62 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT |
| --- | --- | 1 | --- | 1 | J63 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 3/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | |
| --- | 6 | --- | 6 | J64 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | | |
| --- | --- | 5 | 5 | TJ64 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | |
| 24 | 47 | --- | 71 | J65 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | | |
| --- | 3 | --- | 3 | 6 | TJ65 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT |
| --- | 1 | --- | 1 | J68 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | | |
| --- | 1 | --- | 1 | J70 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" | | | |
| 25 | 4 | 69 | 9 | 107 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | PAINT: Gray 1 Coat | REV # | DATE: | | | | | | | | | | |

215 INTERCHAR

| NOTES: | NET UPLIFT: <input type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|--|-----|-----|------|--|--|------------------------------|--|-----------------------------|--------------|---|--------------|--------|-----------|---------|---|-----------|-----------|-----------------------|-----------------------|--|--|--|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 03J | 03TJ | 04J | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J71 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J78 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J79 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J80 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J82 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | 1 | TJ82 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" (CB1), DT | | | |
| --- | --- | 1 | --- | 1 | J83 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J84 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J85 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | 1 | --- | 2 | 3 | TJ86 | 36LHSP212/116 - J2A | 3/8/12 | -7 1/2" | 60'-0" | -7 1/2" | F | 1'-3 1/2" | F | 1'-3 1/2" | 10 1/2" | 10 1/2" | 1'-0 1/2" | 1'-0 1/2" | 7 1/2" | 7 1/2" | 58'-9" (43), (44), (45), (46), (47), (CB2), DT | | |
| 1 | --- | --- | --- | 1 | J92 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| 2 | --- | --- | --- | 2 | J93 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| 23 | --- | 15 | --- | 38 | J95 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | 3 | --- | 2 | 5 | TJ95 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | |
| --- | 1 | --- | 1 | 1 | J109 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| 2 | --- | --- | --- | 2 | J113 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | 1 | --- | 1 | 2 | TJ113 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | |
| --- | 1 | --- | 1 | 1 | J116 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | 1 | 1 | TJ118 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | |
| --- | 1 | --- | 1 | 1 | J122 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| 28 | 5 | 26 | 7 | 66 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |
| | | | | | | CUSTOMER: | | | SPEC: | | | | | | | | | | PLANT: | | | | |

| NOTES: | NET UPLIFT: <input type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. | | | | | | | | | | | | | | | | | |
|--|--|-----|------|-------|--|--|------------------------------|--|-----------------------------|--------------|--------|--------------|--|---|---------|---------|-----------------------|-----------|-----------------------|---------------------------------|---|--|--|
| | | | | | | (TYP. U.N.O.). | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | | | |
| Refer to joist notes list | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | BELOW T.O.J. FOR SPRINKLER LINE LOCATIONS SEE DRAWINGS & JOIST NOTES | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 03J | 03TJ | 04J | 04TJ | | | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J123 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J124 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J125 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J126 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J127 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J128 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J129 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J130 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J131 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J132 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J133 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | 1 | TJ134 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | | |
| --- | --- | 1 | --- | 1 | J135 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J136 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | --- | 1 | --- | 1 | J137 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| --- | 5 | --- | 5 | J138 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| --- | 1 | --- | 1 | 2 | TJ139 | 32LHSP224/128 - J3A | 1/4/12 | -7 1/2" | 50'-0" | -7 1/2" | F | 1'-3 1/2" | F | 1'-3 1/2" | 10 1/2" | 10 1/2" | 1'-0 1/2" | 1'-0 1/2" | 7 1/2" | 7 1/2" | 48'-9" (4), (23), (43), (44), (45), (46), (47), (CB2), DT | | |
| --- | 4 | --- | 4 | J140 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| --- | --- | 1 | 1 | TJ140 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | | |
| --- | 1 | --- | 1 | J142 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 3/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | | |
| 0 | 1 | 24 | 3 | 28 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | PAINT: Gray 1 Coat | | REV # | DATE: | | | |
| | | | | | | CUSTOMER: | | | | | | | | SPEC: | | PLANT: | | | | | | | |

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|---|-----|-----|-------|--|--|------------------------------|--|-----------------------------|--------------|---|--------------|--------|--------|-----|---|--------|--------|-----------------------|-------------|-----------|--|--|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 03J | 03TJ | 04J | | | | | | | | | | | | | | | | | | | | | |
| --- | --- | 3 | --- | 3 | J143 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 3/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| --- | --- | 1 | --- | 1 | J145 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 3/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| --- | --- | 1 | --- | 1 | J146 | 32LHSP243/135 - J9 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 3/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| --- | --- | 1 | --- | 1 | J147 | 32LHSP260/140 - J10 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 3/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| --- | --- | 1 | --- | 1 | J152 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J159 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J160 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J161 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J162 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | 1 | TJ163 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | | |
| --- | --- | 1 | 1 | J164 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| --- | --- | 1 | 1 | J165 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| --- | --- | 9 | --- | 9 | J166 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | 1 | TJ166 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | | |
| --- | 3 | --- | 3 | J167 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| --- | --- | 1 | 1 | TJ167 | 36LHSP212/116 - J2 | 1/4/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" | (CB1), DT | | |
| --- | 1 | --- | 1 | J168 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| --- | 1 | --- | 1 | J169 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| --- | 1 | --- | 1 | J170 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| --- | 3 | --- | 3 | J171 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | | |
| 0 | 0 | 31 | 3 | 34 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |

CUSTOMER:

SPEC:

PLANT:

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|---|-----|------|------|--|--|------------------------------|--|-----------------------------|-----------|---|-----------|----|--------|-----|---|--------|--------|-----------------------|-----------------------------|----------------------|--|--|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 03J | 03TJ | 04J | 04TJ | | | | | | | | | | | | | | | | | | | | |
| --- | --- | 1 | --- | 1 | J172 | 36LHSP212/116 - J2 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J173 | 36LHSP227/119 - J7 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | --- | 1 | --- | 1 | J174 | 36LHSP240/120 - J8 | 1/4/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J179 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 5 | --- | --- | --- | 5 | J182 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | 1 | --- | --- | 1 | TJ182 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" (CB1), DT | | |
| 4 | --- | --- | --- | 4 | J183 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 3 | --- | --- | --- | 3 | J191 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| --- | 1 | --- | --- | 1 | TJ191 | 36LHSP212/116 - J2 | 3/8/12 | -1 1/4" | 60'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 59'-9 1/2" (CB1), DT | | |
| 1 | --- | --- | --- | 1 | J192 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J193 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J194 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J198 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J199 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J200 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J201 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-11 1/2" | | | |
| 1 | --- | --- | --- | 1 | J202 | 36LHSP212/116 - J2 | 3/8/12 | 2" | 51'-6 5/8" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 51'-8 3/8" (4), (34), (CB3) | | | |
| 1 | --- | --- | --- | 1 | J203 | 30LHSP256/148 - J15 | 3/8/12 | 2" | 40'-7 1/2" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 40'-9 1/4" (3), (35), (CB3) | | | |
| 1 | --- | --- | --- | 1 | J204 | 20LHSP304/184 - J16 | ---- | 2" | 27'-0" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 27'-1 3/4" (2), (36), (CB3) | | | |
| 4 | --- | --- | --- | 4 | J213 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" (4), (23) | | | |
| 27 | 2 | 3 | 0 | 32 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |

| NOTES: | NET UPLIFT: <input checked="" type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | |
|--|---|-----|-----|------|--|--|------------------------------|--|--|--------------|---|--------------|----|-----------|---------|---|-----------|-----------|-----------------------|-------------|---------------------------------|--|--|
| | Refer to joist notes list | | | | | | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 03J | 03TJ | 04J | | | | | | | | | | | | | | | | | | | | | |
| 3 | --- | --- | --- | 3 | J214 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 2 | --- | --- | --- | 2 | J218 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| --- | 1 | --- | --- | 1 | TJ219 | 32LHSP224/128 - J3 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | |
| 1 | --- | --- | --- | 1 | J221 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 1 | --- | --- | --- | 1 | J222 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 1 | --- | --- | --- | 1 | J223 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 1 | --- | --- | --- | 1 | J224 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| --- | 1 | --- | --- | 1 | TJ225 | 22LHSP248/152 - J13 | 1/4/12 | 2" | 46'-1 1/2" | -1 1/4" | F | 5" | F | 6 1/4" | 3" | 3" | 1 1/2" | 2 1/2" | ---- | 6 1/2" | 46'-2 1/4" | (4), (31), (CB8), DT | |
| 1 | --- | --- | --- | 1 | J226 | 22LHSP248/152 - J13 | ---- | 2" | 35'-2 3/8" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 35'-4 1/8" | (3), (32), (CB3) | | |
| 1 | --- | --- | --- | 1 | J227 | 18LHSP256/160 - J14 | ---- | 2" | 24'-3 1/4" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 24'-5" | (2), (33), (CB3) | | |
| --- | 1 | --- | --- | 1 | TJ234 | 36LHSP224/128 - J17A | 1/4/12 | -7 1/2" | 50'-0" | -7 1/2" | F | 1'-3 1/2" | F | 1'-3 1/2" | 10 1/2" | 10 1/2" | 1'-0 1/2" | 1'-0 1/2" | 7 1/2" | 7 1/2" | 48'-9" | (4), (23), (43), (44), (45), (46), (47), (CB2), DT | |
| 2 | --- | --- | --- | 2 | J235 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 1 | --- | --- | --- | 1 | J241 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 22 | --- | --- | --- | 22 | J242 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| --- | 4 | --- | --- | 4 | TJ242 | 28LHSP224/128 - J17 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | |
| 5 | --- | --- | --- | 5 | J245 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 3 | --- | --- | --- | 3 | J246 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| --- | 1 | --- | --- | 1 | TJ246 | 28LHSP224/128 - J17 | 1/4/12 | -1 1/4" | 50'-0" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 1/2" | 2 1/2" | 6 1/2" | 6 1/2" | 49'-9 1/2" (4), (23), (CB1), DT | | |
| 1 | --- | --- | --- | 1 | J247 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 1 | --- | --- | --- | 1 | J248 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | |
| 46 | 8 | 0 | 0 | 54 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE CUSTOMED. | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | |
| | | | | | | | | | | | | | | | | | | | SPEC. | PRINT. | | | |

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| NOTES: | NET UPLIFT: <input type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. | | | | | | | | | | | | | | | | | |
|--|--|-----|-----|-------|--|--|---------|-----------------|-----------------------------|--------------|--------|--------------|--|---|-----|--------|-----------------------|------|-------------|------------------|----------------------|--|--|
| | | | | | | (TYP. U.N.O.). | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | | | | |
| Refer to joist notes list | | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | BELOW T.O.J. FOR SPRINKLER LINE LOCATIONS SEE DRAWINGS & JOIST NOTES | | | | | | | | | | |
| Sds = 0.532g | | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | | | |
| 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 | | |
| 03J | 03TJ | 04J | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | 1 | J249 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J250 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J251 | 28LHSP224/128 - J17 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 49'-11 1/2" | (4), (23) | | | |
| 1 | --- | --- | 1 | J252 | 22LHSP248/152 - J13 | ---- | 2" | 39'-9 3/8" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 39'-11 1/8" | (3), (24), (CB3) | | | |
| 1 | --- | --- | 1 | J253 | 22LHSP248/152 - J13 | ---- | 2" | 28'-10 1/4" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 29'-0" | (2), (25), (CB3) | | | |
| 1 | --- | --- | 1 | J254 | 18LHSP256/160 - J14 | ---- | 2" | 17'-11 3/8" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 18'-1 1/8" | (2), (26), (CB3) | | | |
| 2 | --- | --- | 2 | J263 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 57'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 56-11 1/4" | (1), (11), (CB6) | | | |
| 1 | --- | --- | 1 | J267 | 36LHSP212/116 - J1 | 5/8/12 | -2 1/8" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-0 3/8" | (14), (CB6) | | | |
| --- | 1 | --- | 1 | TJ267 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (14), (CB7), DT | | |
| 2 | --- | --- | 2 | J268 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | | | |
| 13 | --- | --- | 13 | J269 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | | | |
| --- | 1 | --- | 1 | TJ269 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (14), (CB7), DT | | |
| 2 | --- | --- | 2 | J270 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | | | |
| 1 | --- | --- | 1 | J270A | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | | | |
| 2 | --- | --- | 2 | J271 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | | | |
| --- | 1 | --- | 1 | TJ271 | 36LHSP212/116 - J1 | 3/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (14), (CB7), DT | | |
| 2 | --- | --- | 2 | J272 | 36LHSP212/116 - J1 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | | | |
| 1 | --- | --- | 1 | J276 | 36LHSP212/116 - J1 | 1/2/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (14), (CB6) | | | |
| 2 | --- | --- | 2 | J277 | 36LHSP244/116 - J4 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | ---- | ---- | ---- | 59'-1 1/4" | (1), (14), (CB6) | | | |
| --- | 1 | --- | 1 | TJ277 | 36LHSP244/116 - J4 | 5/8/12 | -1 1/4" | 59'-2 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | ---- | 6 1/2" | 59'-0 1/4" | (1), (14), (CB7), DT | | |
| 34 | 4 | 0 | 0 | 38 | TOTAL | LAST SHOP ORDER YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | | PROJECT: 215 INTERCHANGE | | | | | | | | PAINT: Gray 1 Coat | | REV # | DATE: | | | |
| CUSTOMER: | | | | | | | | | | | | | SPEC: | PLANT: | | | | | | | | | |

| NOTES: | | NET UPLIFT: <input checked="" type="checkbox"/> PLF ASD <input checked="" type="checkbox"/> LRFD <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0", 55'-0" FTE JE4.01) TYP. UNO. (TYP. U.N.O.). | | | | | | | | ROOF IS ESFR SYSTEM. BRANCH LINES ARE 2.0" (OD = 2.375") LOCATED 5 1/2" | | | | | | |
|--|------|--|------|--|-------------|--|------------------------------|--|-----------------------------|---------|-----------|--|-----|---|-----|---------|-----------------------|-----------|--------|---|
| Refer to joist notes list | | | | LCB = 4 1/4", RCB = 4 1/4" FROM OAL (TYP. U.N.O.) | | | | | | | | BELOW T.O.J. FOR SPRINKLER LINE LOCATIONS SEE DRAWINGS & JOIST NOTES | | | | | | | | |
| Sds = 0.532g | | | | TJ JOISTS NEED TO BE BUNDLE TOGETHER /// WOOD NAILER JOB | | | | | | | | | | | | | | | | |
| DEFLECTION : TL = L/180 & LL = L/240 (TYP. U.N.O.) | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | |
| 4 ROWS OF WB'S + (2) - WB'S FOR UPLIFT (TYP. U.N.O.) | | | | 3X WOOD NAILER WITH 24/12 SCREW PATTERN (SEE SECTION-1 ON SHEET) | | | | | | | | | | | | | | | | |
| 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 |
| 03J | 03TJ | 04J | 04TJ | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | J278 | 36LHSP244/116 - J4 | 1/2/12 | -1 1/4" | 58'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 57'-11 1/4" (1), (13), (CB6) |
| 1 | --- | --- | --- | 1 | J279 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 57'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 56'-11 1/4" (1), (11), (CB6) |
| --- | 1 | --- | --- | 1 | TJ280 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 57'-0 3/4" | -1 1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | 2 5/8" | 2 1/2" | 6 1/2" | 56'-10 1/4" (1), (11), (CB7), DT |
| 1 | --- | --- | --- | 1 | J281 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 57'-0 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 56'-11 1/4" (1), (11), (CB6) |
| 1 | --- | --- | --- | 1 | J282 | 36LHSP244/116 - J4 | 3/8/12 | -1 1/4" | 53'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 53'-1 1/4" (1), (10), (CB6) |
| 1 | --- | --- | --- | 1 | J283 | 36LHSP244/116 - J4 | 5/8/12 | -1 1/4" | 53'-2 3/4" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 53'-1 1/4" (1), (10), (CB6) |
| 1 | --- | --- | --- | 1 | J284 | 36LHSP244/116 - J4 | 3/4/12 | 2" | 48'-7 1/4" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 48'-9" (1), (4), (15), (CB3) |
| 1 | --- | --- | --- | 1 | J285 | 30LHSP272/144 - J5 | 3/4/12 | -3 5/8" | 39'-2 5/8" | -1/4" | F | 10 5/8" | F | 6 1/4" | 5" | 3" | --- | --- | --- | 38'-10 3/4" (1), (3), (16), (54), (55), (58), (CB10) |
| 1 | --- | --- | --- | 1 | J286 | 30LHSP272/144 - J5 | 5/8/12 | 2" | 33'-5 1/2" | -1/4" | F | 5" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 33'-7 1/4" (1), (3), (17), (CB3) |
| --- | 1 | --- | --- | 1 | TJ287 | 20LHSP288/160 - J6A | 5/8/12 | 2" | 22'-6" | -7 1/2" | F | 5" | F | 1'-3 1/2" | 3" | 10 1/2" | 1 1/2" | 1'-0 1/2" | 7 1/2" | 22'-0 1/2" (1), (2), (18), (44), (51), (52), (53), (CB9), DT |
| 1 | --- | --- | --- | 1 | J620 | 36LHSP212/116 - J2 | 3/8/12 | -1/4" | 60'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 59'-11 1/2" |
| 1 | --- | --- | --- | 1 | J950 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 49'-11 1/2" (4), (23) |
| --- | --- | 1 | --- | 1 | J1130 | 32LHSP224/128 - J3 | 1/4/12 | -1/4" | 50'-0" | -1/4" | F | 6 1/4" | F | 6 1/4" | 3" | 3" | --- | --- | --- | 49'-11 1/2" (4), (23) |
| 10 | 2 | 1 | 0 | 13 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | |
| CUSTOMER: _____ | | | | | | | | | | | | | | | | SPEC: | PLANT: | _____ | | |

| NOTE | DESCRIPTION | NOTE | DESCRIPTION |
|------|--|------|--|
| 1 | DEFLECTION : TL = L/240 & LL = L/360 | 36 | 2.0" (OD = 2.375") BRANCH LINE @ 2'-0", 12'-0", 22'-0" FTE |
| 2 | 1 ROW OF WB'S + (2) - WB'S FOR UPLIFT | 37 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-7", 14'-7", 24'-7", 34'-7", 44'-7", 54'-7" FTE |
| 3 | 2 ROWS OF WB'S + (2) - WB'S FOR UPLIFT | 38 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-2 3/4", 14'-2 3/4", 24'-2 3/4", 34'-2 3/4", |
| 4 | 3 ROWS OF WB'S + (2) - WB'S FOR UPLIFT | | 44'-2 3/4", 54'-2 3/4" FTE |
| 5 | 5 ROWS OF WB'S + (2) - WB'S FOR UPLIFT | 39 | 2.0" (OD = 2.375") BRANCH LINE @ 1'-0 3/4", 11'-0 3/4", 21'-0 3/4", 31'-0 3/4", |
| 10 | 2.0" (OD = 2.375") BRANCH LINE @ 8-3/4", 8'-8 3/4", 18'-2 3/4", 28'-2 3/4", 38'-2 3/4", 48'-2 3/4" FTE | | 41'-0 3/4", 50'-0 3/4", 58'-0 3/4" FTE |
| 11 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-6 3/4", 12'-6 3/4", 22'-0 3/4", 32'-0 3/4", 42'-0 3/4", 52'-0 3/4" FTE | 40 | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0 3/4", 15'-0 3/4", 25'-0 3/4", 35'-0 3/4", |
| 13 | 2.0" (OD = 2.375") BRANCH LINE @ 3'-8 3/4", 13'-6 3/4", 23'-0 3/4", 33'-0 3/4", 43'-0 3/4", 53'-0 3/4" FTE | 41 | 2.0" (OD = 2.375") BRANCH LINE @ 3'-10 3/4", 13'-10 3/4", 23'-10 3/4", 33'-10 3/4", 43'-10 3/4", 52'-10 3/4", 60'-10 3/4" FTE |
| 14 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-10 3/4", 14'-8 3/4", 24'-2 3/4", 34'-2 3/4", 44'-2 3/4", 54'-2 3/4" FTE | 43 | 3X WOOD NAILER WITH 4/2 SCREW PATTERN (SEE SECTION-1 ON SHEET JE4.01) |
| 15 | 2.0" (OD = 2.375") BRANCH LINE @ 3'-0 1/4", 4'-1 1/4", 13'-7 1/4", 23'-7 1/4", 33'-7 1/4", 43'-7 1/4" FTE | 44 | DESIGNER PLEASE CHECK TC WIDTH FOR WORKABLE HOLE GAGE FOR TIE PLATE (SEE SECTION-11). |
| 16 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-2 5/8", 14'-2 5/8", 24'-2 5/8", 34'-2 5/8" FTE | 45 | NO WELDED CONNECTION @ BE, ONLY BOLTED. |
| 17 | 2.0" (OD = 2.375") BRANCH LINE @ 8'-5 1/2", 18'-5 1/2", 28'-5 1/2" FTE | 46 | ROUND HOLE IN JOIST SEAT INSTEAD OF SLOT @ BE FOR 3/4" DIA BOLT (DESIGN FOR 2 1/4" MOVEMENT @ BE). |
| 18 | 2.0" (OD = 2.375") BRANCH LINE @ 7'-6", 17'-6" FTE | 47 | PROVIDE TC HOLES @ BE @ 1'-2 1/2" WITH 4 1/2" GAGE @ FOR 1 1/8" DIA BOLT (SEE SECTION-11). |
| 23 | 2.0" (OD = 2.375") BRANCH LINE @ 5'-0", 15'-0", 25'-0", 35'-0", 45'-0" FTE | 48 | ROUND HOLE IN JOIST SEAT INSTEAD OF SLOT @ BE FOR 3/4" DIA BOLT (DESIGN FOR 5 1/4" MOVEMENT @ TE AND 2 1/4" @ NON-TE). |
| 24 | 2.0" (OD = 2.375") BRANCH LINE @ 4'-9 3/8", 14'-9 3/8", 24'-9 3/8", 34'-9 3/8" FTE | 49 | PROVIDE TC HOLES WITH 4 1/2" GAGE @ 0'-10" FTE FOR 1 1/8" DIA BOLT (SEE SECTION-14). |
| 25 | 2.0" (OD = 2.375") BRANCH LINE @ 3'-10 1/4", 13'-10 1/4", 23'-10 1/4" FTE | 50 | MAX. SEAT WIDTH = 8" @ TE |
| 26 | 2.0" (OD = 2.375") BRANCH LINE @ 2'-11 3/8", 12'-11 3/8" FTE | 51 | PROVIDE TC HOLES WITH 4 1/2" GAGE @ 1'-2 1/2" FROM NON-TE FOR 1 1/8" DIA BOLT (SEE SECTION-11). |
| 31 | 2.0" (OD = 2.375") BRANCH LINE @ 11'-1 1/2", 21'-1 1/2", 31'-1 1/2", 41'-1 1/2" FTE | 52 | NO WELDED CONNECTION @ NON-TE, ONLY BOLTED. |
| 32 | 2.0" (OD = 2.375") BRANCH LINE @ 2 3/8", 12'-2 3/8", 22'-2 3/8", 32'-2 3/8" FTE | 53 | ROUND HOLE IN JOIST SEAT INSTEAD OF SLOT @ NON-TE FOR 3/4" DIA BOLT (DESIGN FOR 2 1/4" MOVEMENT @ NON-TE). |
| 33 | 2.0" (OD = 2.375") BRANCH LINE @ 9'-3 1/4", 19'-3 1/4" FTE | 54 | 1/2 COPE @ TE (FS) @ 57.7° |
| 34 | 2.0" (OD = 2.375") BRANCH LINE @ 6'-6 5/8", 16'-6 5/8", 26'-6 5/8", 36'-6 5/8", 46'-6 5/8" FTE | | PAINT: REV# DATE: |
| 35 | 2.0" (OD = 2.375") BRANCH LINE @ 5'-7 1/2", 15'-7 1/2", 25'-7 1/2", 35'-7 1/2" FTE | | |

PROJECT:

PAINT:

REV#

DATE:

PROJECT

PAINT-

|RFV#| DATE:

| NOTES: | | NET UPLIFT: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | | | | |
|--|-----|--|-----|---|-------|-----------------------|------------------------------|--|-----------------------------|-------|--------|--------|--------|--------|--------|-----|--------|--------|-----------------------|-----|-------|-----------|-------|--------------|--|
| | | ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA | |
| 03G | 04G | --- | --- | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G50 | 56G7N12.5K/5.8K - G2 | ---- | -7/8" | 56'-0" | -1/4" | 6 3/8" | 9 1/2" | 7 1/2" | 7 1/2" | 4 7/8" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" | |
| (102), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G51 | 48G7N11.5K/5.3K - G4 | ---- | -7/8" | 56'-0" | -1/4" | 6 3/8" | 9 1/2" | 7 1/2" | 7 1/2" | 4 7/8" | 7" | 6" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" | |
| (102), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G52 | 56G7N11.5K/5.3K - G6 | ---- | -7/8" | 56'-0" | -1/4" | 6 3/8" | 9 1/2" | 7 1/2" | 7 1/2" | 4 7/8" | 7" | 6" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" | |
| (102), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G53 | 56G7N12.5K/5.8K - G8 | ---- | -7/8" | 56'-0" | -1/4" | 6 3/8" | 9 1/2" | 7 1/2" | 7 1/2" | 4 7/8" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" | |
| (102), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G54 | 56G7N11.5K/5.3K - G6 | ---- | -7/8" | 56'-0" | -1/4" | 6 3/8" | 9 1/2" | 7 1/2" | 7 1/2" | 4 7/8" | 7" | 6" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" | |
| (102), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G55 | 40G7N10.4K/4.8K - G10 | ---- | -7/8" | 56'-0" | -1/4" | 6 3/8" | 9 1/2" | 7 1/2" | 7 1/2" | 4 7/8" | 7" | 6" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" | |
| (102), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G56 | 56G7N11.5K/5.3K - G12 | ---- | -7/8" | 56'-0" | -1/4" | 6 3/8" | 9 1/2" | 7 1/2" | 7 1/2" | 4 7/8" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-10 7/8" | |
| (102), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G57 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 2 | --- | --- | 2 | G58 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G59 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7 | --- | --- | 11 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | | | REV # | | DATE: | |

| NOTES: | | NET UPLIFT: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | | | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | |
|--|-----|--|-----|-----|-------|-----------------------|------------------------------|--|-----------------------------|---|--------|--------|--------|--------|-----|-----|--------|--------|-----------------------|-------|-------|-----------|--------|--------------|--|--|
| | | ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | | | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA | | |
| 03G | 04G | --- | --- | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G60 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G61 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G62 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G63 | 56G7N11.5K/5.3K - G12 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| --- | 1 | --- | --- | 1 | G64 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| --- | 1 | --- | --- | 1 | G65 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| --- | 1 | --- | --- | 1 | G66 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G67 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G68 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G69 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 7 | 3 | --- | --- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | | | REV # | | DATE: | | |
| CUSTOMER: | | | | | | | | | | | | | | | | | | | | SPEC: | | | PLANT: | | | |

| NOTES: | NET UPLIFT: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ASD <input checked="" type="checkbox"/> LRFD <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------|-----------------------|------------------------------|--|-----------------------------|-----------------------|--------|---|--------|--------|-----|-----|--------|--------|-----|-------|-------|-----------|-------|--------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA | | | | | | | | | | | | | |
| 03G 04G ---- ---- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 ---- ---- ---- | 1 | G70 | 56G7N11.5K/5.3K - G12 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ---- 1 ---- ---- | 1 | G71 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ---- 1 ---- ---- | 1 | G72 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 ---- ---- ---- | 1 | G73 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 ---- ---- ---- | 1 | G74 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 ---- ---- ---- | 1 | G75 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 ---- ---- ---- | 1 | G76 | 56G7N11.5K/5.3K - G12 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ---- 1 ---- ---- | 1 | G77 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ---- 1 ---- ---- | 1 | G78 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 ---- ---- ---- | 1 | G79 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 4 ---- ---- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | PAINT: Gray 1 Coat | | | | | | | | | | REV # | DATE: | | | | | | | | | | | | | | | | |

| NOTES: | NET UPLIFT: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ASD <input checked="" type="checkbox"/> LRFD <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------|------|----------------|-------|-----------------------|------------------------------|--|---|-------|--------|--------|--------|--------|--------|-----|--------|--------|-----------------------|-------|--------------|-----------|-------|-------------|----|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA | | | | | | | | | | | | | |
| 03G | 04G | --- | --- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G80 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G81 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G82 | 56G7N12.4K/5.3K - G11 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (101), (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G83 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | --- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G84 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | --- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G85 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | --- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G86 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | --- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G87 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | --- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G88 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | --- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (104), (106), (108) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G89 | 56G7N12.4K/5.3K - G11 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | --- | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | | | | | | | | | |
| (101), (102), (106), (107) | | | | | | | | | | | | | | | | | | | | | | | | | WS | | | | | | | | | |
| 7 | 3 | --- | --- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | REV # | DATE: | | | | | | | | | | | | | |
| | | | | | | CUSTOMER: | | | | | | | | SPEC: | PLANT: | | | | | | | | | | | | | | | | | | | |

| NOTES: | | NET UPLIFT: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | | | | | | | LOAD COMBINATION PER IBC 2018 | | | | | | | | | | | | | | | | |
|--|-----|--|-----|-----|-------|-----------------------|------------------------------|--|-----------------------------|---|--------|--------|--------|--------|-----|--------|--------|--------|-----------------------|-------|-----------|------------|-----------|--------------|--|--|
| | | ASD <input checked="" type="checkbox"/> LRFID <input type="checkbox"/> FACTORED <input type="checkbox"/> | | | | | | | | 13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS | | | | | | | | | | | | | | | | |
| Refer to girder notes list. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sds = 0.532g | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOOD NAILER JOB | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA | | |
| 03G | 04G | --- | --- | | | | | | | | | | | | | | | | | | | | | | | |
| --- | 1 | --- | --- | 1 | G90 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| --- | 1 | --- | --- | 1 | G91 | 48G7N11.5K/5.3K - G4 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| --- | 1 | --- | --- | 1 | G92 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G93 | 56G7N12.5K/5.8K - G8 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G94 | 56G7N11.5K/5.3K - G6 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | ---- | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" | | |
| (103), (105), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G95 | 40G7N10.4K/4.8K - G10 | ---- | -1/4" | 54'-4 1/2" | -1 5/8" | 9 1/2" | 9 7/8" | 7 1/2" | 7 1/2" | 7" | 3 1/8" | 6 1/2" | 4 3/8" | ---- | ---- | 8'-0" | 5 @ 8'-0" | 6'-4 1/2" | 54'-2 5/8" | | |
| (109), (110), (111) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| --- | 1 | --- | --- | 1 | G96 | 56G8N12.5K/5.8K - G1 | ---- | -3/4" | 67'-8 3/4" | -1/4" | 6 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | 3" | 7" | 1 1/2" | 6 1/2" | ---- | 2" | 9'-8 3/4" | 1 @ 10'-0" | 8'-0" | 67'-7 3/4" | | |
| (102), (105), (111) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| --- | 1 | --- | --- | 1 | G97 | 48G8N11.5K/5.3K - G3 | ---- | -3/4" | 67'-8 3/4" | -1/4" | 6 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | 3" | 7" | 1 1/2" | 6 1/2" | ---- | 2" | 9'-8 3/4" | 1 @ 10'-0" | 8'-0" | 67'-7 3/4" | | |
| (102), (105), (111) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| --- | 1 | --- | --- | 1 | G98 | 56G8N11.5K/5.3K - G5 | ---- | -3/4" | 67'-8 3/4" | -1/4" | 6 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | 3" | 7" | 1 1/2" | 6 1/2" | ---- | 2" | 9'-8 3/4" | 1 @ 10'-0" | 8'-0" | 67'-7 3/4" | | |
| (102), (105), (111) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 1 | --- | --- | --- | 1 | G99 | 56G8N12.5K/5.8K - G7 | ---- | -3/4" | 67'-8 3/4" | -1/4" | 6 1/4" | 9 1/2" | 7 1/2" | 7 1/2" | 3" | 7" | 1 1/2" | 6 1/2" | ---- | 2" | 9'-8 3/4" | 1 @ 10'-0" | 8'-0" | 67'-7 3/4" | | |
| (102), (105), (111) | | | | | | | | | | | | | | | | | | | | | | | | WS | | |
| 4 | 6 | --- | --- | 10 | TOTAL | LAST SHOP ORDER | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | | | | | | | PAINT: Gray 1 Coat | | | REV # | | DATE: | | |
| CUSTOMER: | | | | | | | | | | | | | | | | | | | | SPEC: | | | PLANT: | | | |

NOTES:NET UPLIFT: YES NO ASD LRFD FACTORIED

LOAD COMBINATION PER IBC 2018

13/16"X1" SLOT @ TC ALONG THE LENGTH OF GIRDERS

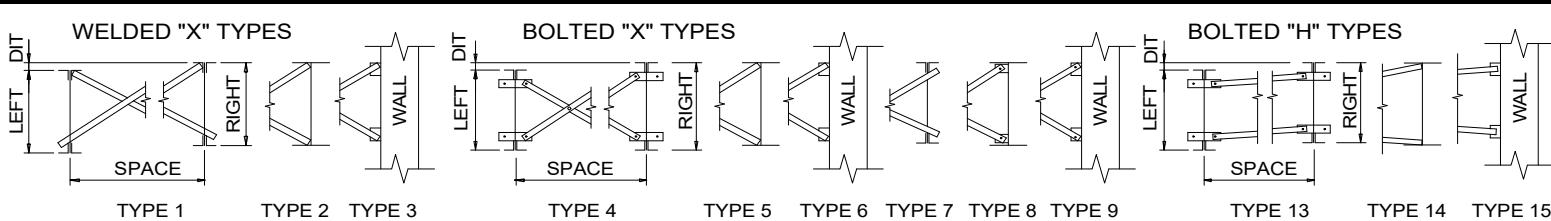
Refer to girder notes list.

Sds = 0.532g

WOOD NAILER JOB

CONSIDER KB's ON ONE SIDE & ONE ANGLE ONLY

| SEQUENCE | | | | QTY | MARK | TYPE | ELEV. SLOPE | EXTL | C/C OR CLEAR | EXTR | CL | CR | BDL | BDR | SHL | SHR | BCXL | BCXR | THL | THR | PL | N | PR | OAL/ OSHA |
|-----------------------------------|-----|-----|-----|-----|------|----------------------|----------------|---------|-----------------|-------|--------|--------|--------|--------|--------|-----|--------|--------|------|-----|------------|-----------|-------|--------------|
| 03G | 04G | --- | --- | | | | | | | | | | | | | | | | | | | | | |
| 1 | --- | --- | --- | 1 | G100 | 47G5N12.5K/5.8K - G9 | ---- | -1 5/8" | 35'-0 1/2" | -1/4" | 9 7/8" | 9 1/2" | 7 1/2" | 7 1/2" | 3 1/8" | 7" | 4 3/8" | 6 1/2" | ---- | 2" | 3'-0 7/16" | 3 @ 8'-0" | 8'-0" | 34'-10 5/8" |
| (103), (105), (109), (110), (111) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| ---- | 1 | --- | --- | 1 | G760 | 56G7N12.5K/5.8K - G2 | ---- | -1/4" | 56'-0" | -1/4" | 9 1/2" | 9 1/2" | 7 1/2" | 7 1/2" | 7" | 7" | 6 1/2" | 6 1/2" | 2" | 2" | 8'-0" | 5 @ 8'-0" | 8'-0" | 55'-11 1/2" |
| (102), (107), (108) | | | | | | | | | | | | | | | | | | | | | | | | WS |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |



NOTE FOR "D1T" USE "+" WHEN "LEFT" IS LOWER THAN "RIGHT" & USE "-" WHEN "RIGHT" IS LOWER THAN "LEFT"

| <p>WELDED "X" TYPES</p> <p>BOLTED "X" TYPES</p> <p>BOLTED "H" TYPES</p> <p>TYPE 1 TYPE 2 TYPE 3</p> <p>TYPE 4 TYPE 5 TYPE 6 TYPE 7 TYPE 8 TYPE 9</p> <p>TYPE 13 TYPE 14 TYPE 15</p> <p>NOTE FOR "D1T" USE "+" WHEN "LEFT" IS LOWER THAN "RIGHT" & USE "-" WHEN "RIGHT" IS LOWER THAN "LEFT"</p> | | | | | | | | | | | | | | NOTES: | | | | | | | | | | | | |
|--|------|------|------|---------------------------------|-----------|-----------------|---|-----------------------------|--------------------------|-------------|---------|----------------------------------|----------------------|------------------|----------|------|------|--------|--|---------------------|----------|-------------|--------------|-------------|-----------------|------|
| WB1 LENGTH = 2'-0" | | | | 5/8" BOLTS W/ NUTS & WASHER FOR | | | | | | | | | | | | | | | | | | | | | | |
| WB2 LENGTH = 3'-0" | | | | WB'S NEED TO BE PROVIDED BY | | | | | | | | | | | | | | | | | | | | | | |
| WB3 LENGTH = 4'-0" | | | | CANAM. | | | | | | | | END OF "WB'S" NEED TO BE BENDED. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEQUENCE | | | | SEQUENCE | | | | SEQUENCE | | | | HORIZONTAL BRIDGING | | | | | | | | | | | | | | |
| 01J | 02J | 03J | 04J | QTY | MARK | TYPE | LEFT MARK | LEFT DEPTH | RIGHT MARK | RIGHT DEPTH | SPACING | DIT = DIFF IN TOP | SIZE | REMARKS | SEQUENCE | QTY | MARK | LENGTH | SIZE | REMARKS | | | | | | |
| 6 | | 6 | | 12 | WB1 | | (0" TO 18") | | | | | | L1 1/2 x1 1/2x 0.109 | Woodnailer Brace | | | | | | | | | | | | |
| 31 | | 22 | | 53 | WB2 | | (19" TO 27") | | | | | | L1 1/2 x1 1/2x 0.109 | Woodnailer Brace | | | | | | | | | | | | |
| 1041 | 1384 | 1028 | 1384 | 4837 | WB3 | | (28" TO 36") | | | | | | L1 1/2 x1 1/2x 0.109 | Woodnailer Brace | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | SEQUENCE | | | | BRIDGING ANCHOR CLIPS | | | | | | | |
| | | | | | | | | | | | | | | | | QTY | MARK | LENGTH | SIZE | REMARKS | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | SEQUENCE | | | | GIRDER KNEE BRACE / LOOSE BOTTOM CHORD | | | | | | | |
| | | | | | | | | | | | | | | | 01G | 02G | 03G | 04G | QTY | MARK | LENGTH | SIZE | GIRDER DEPTH | JOIST DEPTH | SEAT DEPTH | |
| | | | | | | | | | | | | | | | 52 | 77 | 51 | 77 | 257 | 900 | 6'-0" | L2.00x0.125 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | SEQUENCE | | | | BOLT/NUT/WASHER | | SEQUENCE | | | | BOLT/NUT/WASHER | |
| | | | | | | | | | | | | | | | 01TJ | 02TJ | 03TJ | 04TJ | QTY | SIZE | | | | | QTY | SIZE |
| | | | | | | | | | | | | | | | 82 | 89 | 80 | 89 | 340 | Bolts 3/4" x 1 1/2" | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1078 | 1384 | 1056 | 1384 | 4902 | TOTAL QTY | LAST SHOP ORDER | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> | PROJECT: 215 INTERCHANGE | | | | PAINT: Gray 1 Coat | | | | REV# | | | | DATE: | | | | | |

