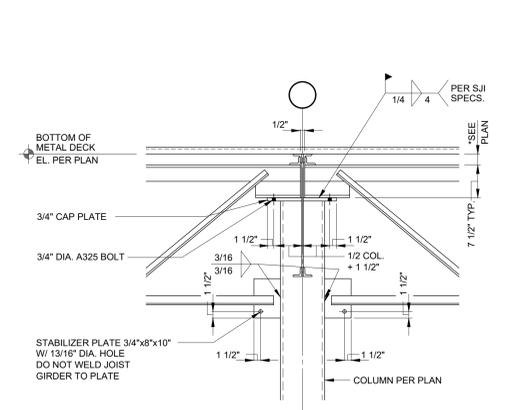


SUBMITTALS

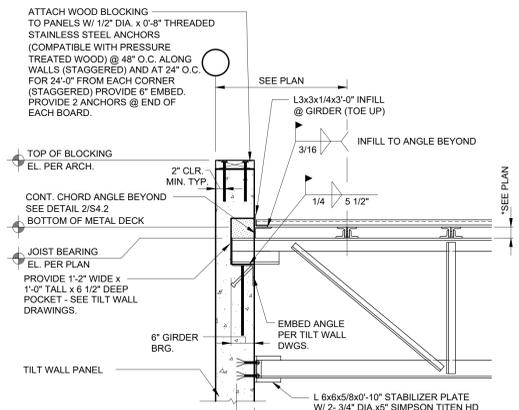
NO.	DATE	DESCRIPTION
11-29-23	75% PROGRESS SET	
12-22-23	90% PROGRESS SET	
01-26-24	95% PROGRESS SET	
02-09-24	PERMIT SET	



**4**  
**S4.1**  
**JOIST GIRDER TO COLUMN CONNECTION**

SCALE: NO SCALE  
 NOTES:  
 \* K SERIES JOISTS 2 1/2" OR 3 1/2" SEATS (PER PLAN).  
 LH SERIES JOISTS 5" OR 6" SEATS (PER PLAN).  
 DLH SERIES JOISTS 7 1/2" SEATS.

DETAIL BOOK REF. S2.12 1/27/2023

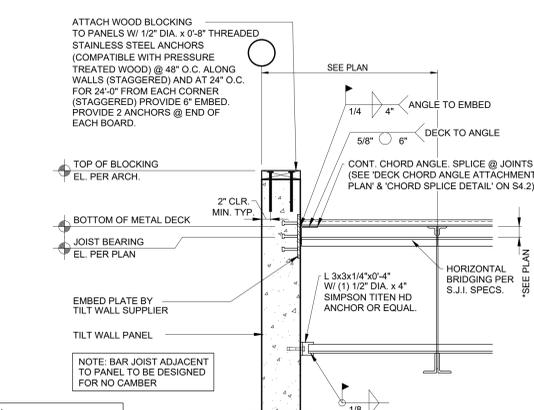


**3**  
**S4.1**  
**JOIST GIRDER BEARING ON TILT WALL PANEL WITH PARAPET**

SCALE: NO SCALE  
 NOTES:  
 \* K SERIES JOISTS 2 1/2" OR 3 1/2" SEATS (PER PLAN).  
 LH SERIES JOISTS 5" OR 6" SEATS (PER PLAN).  
 DLH SERIES JOISTS 7 1/2" SEATS.

$P_i = 85.4K (D+L)$   
 $P_i = 23.9K (6W-3 PSF)$

DETAIL BOOK REF. S2.07 1/27/2023

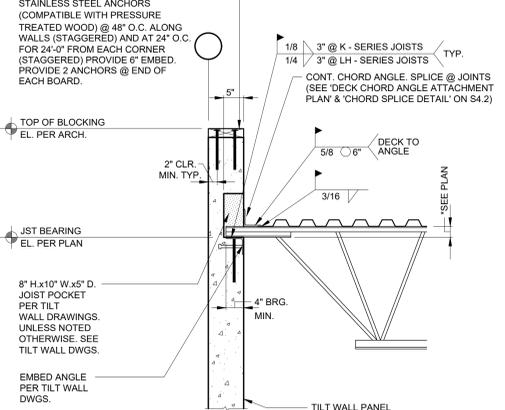


**2**  
**S4.1**  
**DECK SUPPORT AT TILT WALL PANEL WITH PARAPET**

SCALE: NO SCALE  
 NOTES:  
 \* K SERIES JOISTS 2 1/2" OR 3 1/2" SEATS (PER PLAN).  
 LH SERIES JOISTS 5" OR 6" SEATS (PER PLAN).  
 DLH SERIES JOISTS 7 1/2" SEATS.

$P_i = 14.0K (D+L)$   
 $P_i = 4.8K (6W-3 PSF)$   
 $V_i = 3.3K (6W)$  IN PLANE  
 $V_i = 1.1K (7E)$  OUT OF PLANE

DETAIL BOOK REF. S2.06 1/27/2023

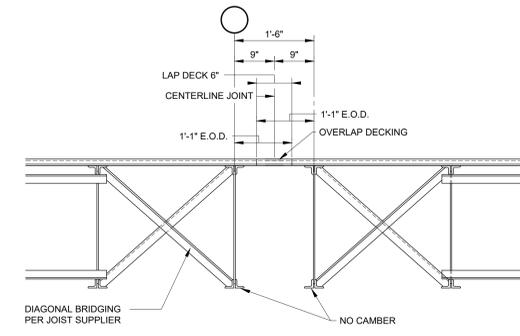


**1**  
**S4.1**  
**BAR JOIST BEARING ON TILT WALL PANEL WITH PARAPET**

SCALE: NO SCALE  
 NOTES:  
 \* K SERIES JOISTS 2 1/2" OR 3 1/2" SEATS (PER PLAN).  
 LH SERIES JOISTS 5" OR 6" SEATS (PER PLAN).  
 DLH SERIES JOISTS 7 1/2" SEATS.

$P_i = 14.0K (D+L)$   
 $P_i = 4.8K (6W-3 PSF)$   
 $V_i = 3.3K (6W)$  IN PLANE  
 $V_i = 1.1K (7E)$  OUT OF PLANE

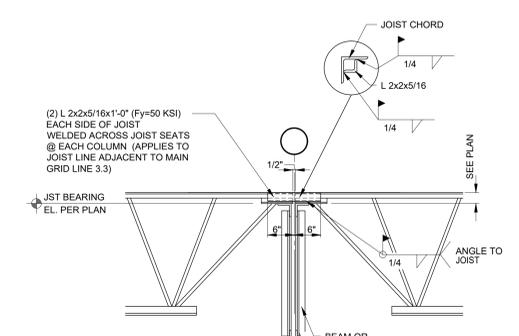
DETAIL BOOK REF. S2.02 1/27/2023



**7**  
**S4.1**  
**EXPANSION JOINT SECTION PARALLEL TO JOIST**

SCALE: NO SCALE  
 NOTES:  
 1. DETAIL APPLIES TO ALL JOISTS DIRECTLY ADJACENT TO CL 10' & 19'.  
 2. SHALL NOT BE INSTALLED AT COLUMNS ALONG CL 15' AT EXPANSION JOINT.

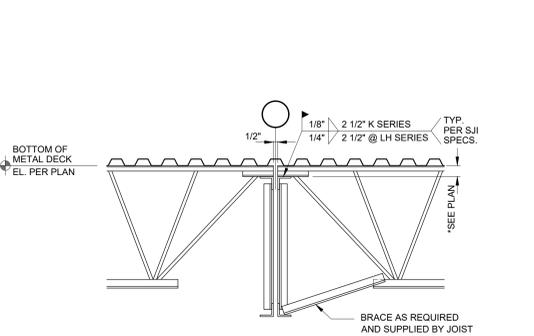
DETAIL BOOK REF. S2.21 1/27/2023



**6A**  
**S4.1**  
**JOIST SEAT CHORD CONNECTION DETAIL**

SCALE: 3/4" = 1'-0"  
 NOTES:  
 1. DETAIL APPLIES TO ALL JOISTS DIRECTLY ADJACENT TO CL 10' & 19'.  
 2. SHALL NOT BE INSTALLED AT COLUMNS ALONG CL 15' AT EXPANSION JOINT.

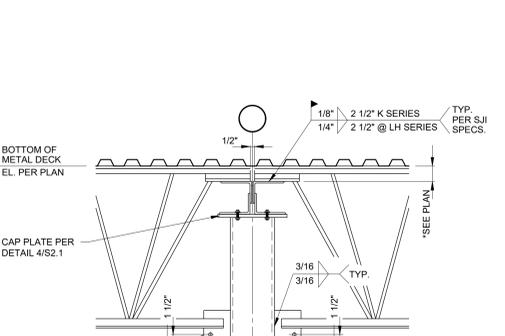
DETAIL BOOK REF. S2.20-N 1/27/2023



**6**  
**S4.1**  
**JOIST TO GIRDER CONNECTION**

SCALE: 3/4" = 1'-0"  
 NOTES:  
 \* K SERIES JOISTS 2 1/2" OR 3 1/2" SEATS (PER PLAN).  
 LH SERIES JOISTS 5" OR 6" SEATS (PER PLAN).  
 DLH SERIES JOISTS 7 1/2" SEATS.

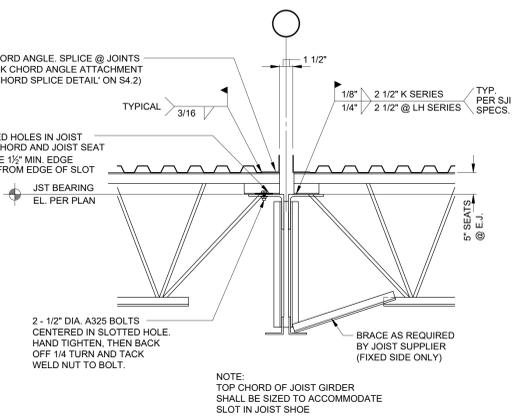
DETAIL BOOK REF. S2.20-N 1/27/2023



**5**  
**S4.1**  
**JOIST TO COLUMN CONNECTION**

SCALE: NO SCALE  
 NOTES:  
 \* K SERIES JOISTS 2 1/2" OR 3 1/2" SEATS (PER PLAN).  
 LH SERIES JOISTS 5" OR 6" SEATS (PER PLAN).  
 DLH SERIES JOISTS 7 1/2" SEATS.

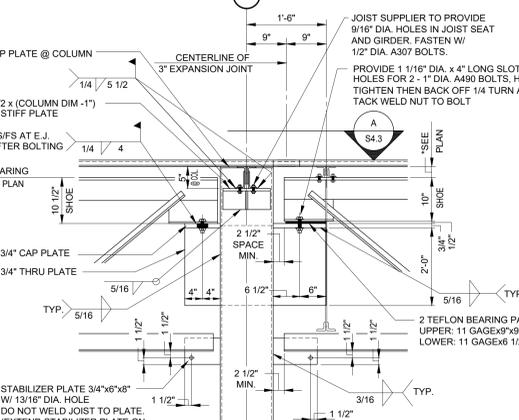
DETAIL BOOK REF. S2.13 1/27/2023



**11**  
**S4.1**  
**EXPANSION JOINT PERP. TO JOIST GIRDER**

SCALE: NO SCALE  
 NOTES:  
 1. DETAIL APPLIES TO ALL JOISTS DIRECTLY ADJACENT TO CL 10' & 19'.  
 2. SHALL NOT BE INSTALLED AT COLUMNS ALONG CL 15' AT EXPANSION JOINT.

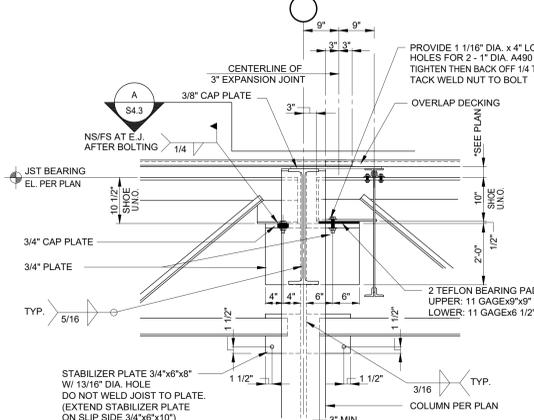
DETAIL BOOK REF. S2.46 8/24/2023



**10**  
**S4.1**  
**DETAIL AT EXPANSION JOINT AT HSS COLUMN CONNECTION**

SCALE: NO SCALE  
 NOTES:  
 1. DETAIL APPLIES TO ALL JOISTS DIRECTLY ADJACENT TO CL 10' & 19'.  
 2. SHALL NOT BE INSTALLED AT COLUMNS ALONG CL 15' AT EXPANSION JOINT.

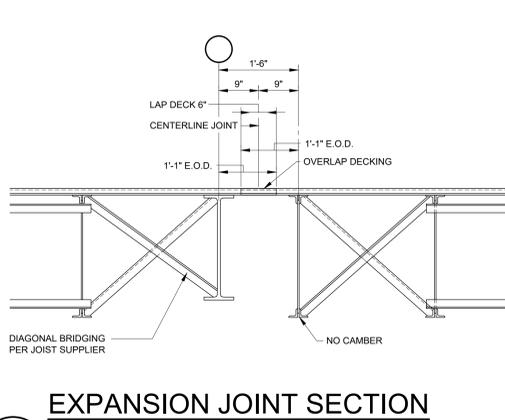
DETAIL BOOK REF. S2.10 8/24/2023



**9**  
**S4.1**  
**EXPANSION JOINT AT WIDE FLANGE COLUMN CONNECTION**

SCALE: NO SCALE  
 NOTES:  
 \* K SERIES JOISTS 2 1/2" OR 3 1/2" SEATS (PER PLAN).  
 LH SERIES JOISTS 5" OR 6" SEATS (PER PLAN).  
 DLH SERIES JOISTS 7 1/2" SEATS.

DETAIL BOOK REF. S2.09 8/24/2023



**8**  
**S4.1**  
**EXPANSION JOINT SECTION PARALLEL TO JOIST/BEAM**

SCALE: NO SCALE  
 NOTES:  
 1. PROVIDE ONE BRACE MIN. AT MIDSPAN OF LATERAL BEAM.

DETAIL BOOK REF. S2.22 8/24/2023