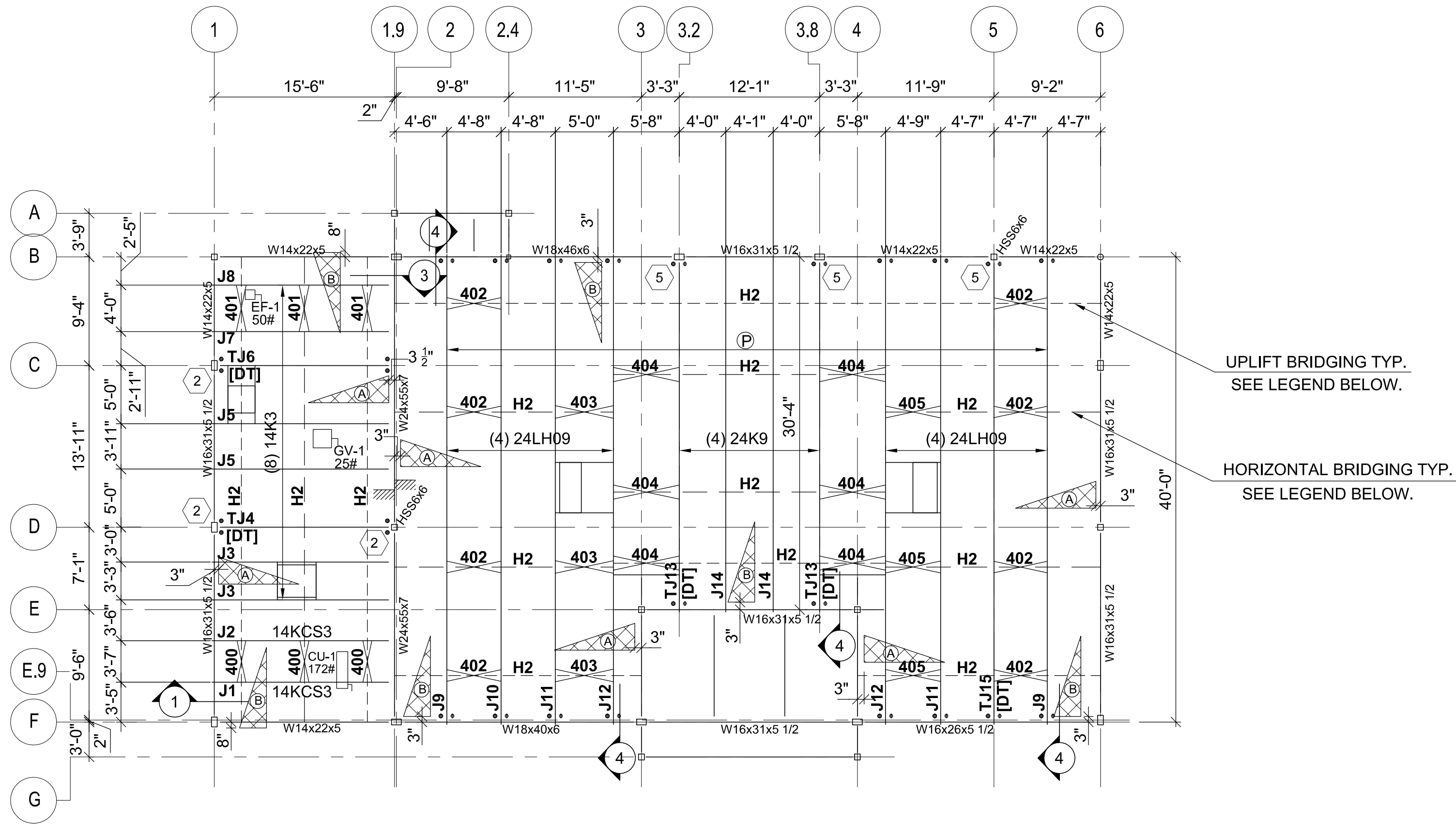


REFER TO SHEET JE1.01
FOR GENERAL NOTES

ALL JOIST & BRIDGING WILL
BE PAINTED WITH ONE COAT
OF STANDARD GRAY DIP
PRIMER.



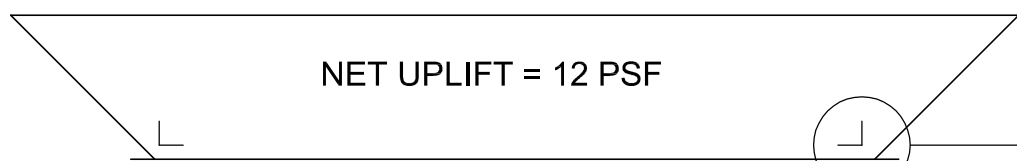
Ⓟ ADD'L 10 PSF FUTURE DL

ROOF JOIST PLACEMENT PLAN

SEQ. #01J

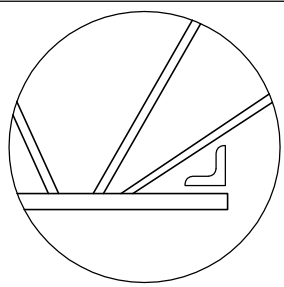
REF. : S3.0

1. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECEMARK IS LOCATED.
2. REFERENCE DWG JE1.01 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
3. FOR JOIST SECTIONS SEE JE4.01.
4. ○ DENOTES JOIST CONNECTION (TYPE SEE JE4.01).
5. ALL JOISTS BEARING COL'S ARE HSS10X6 UNO.
6. ROOF DEAD LOAD = 25 PSF & FLAT ROOF SNOW LOAD = 21 PSF.
7. DEFLECTION: LL=L/240 AND TL=L/180.

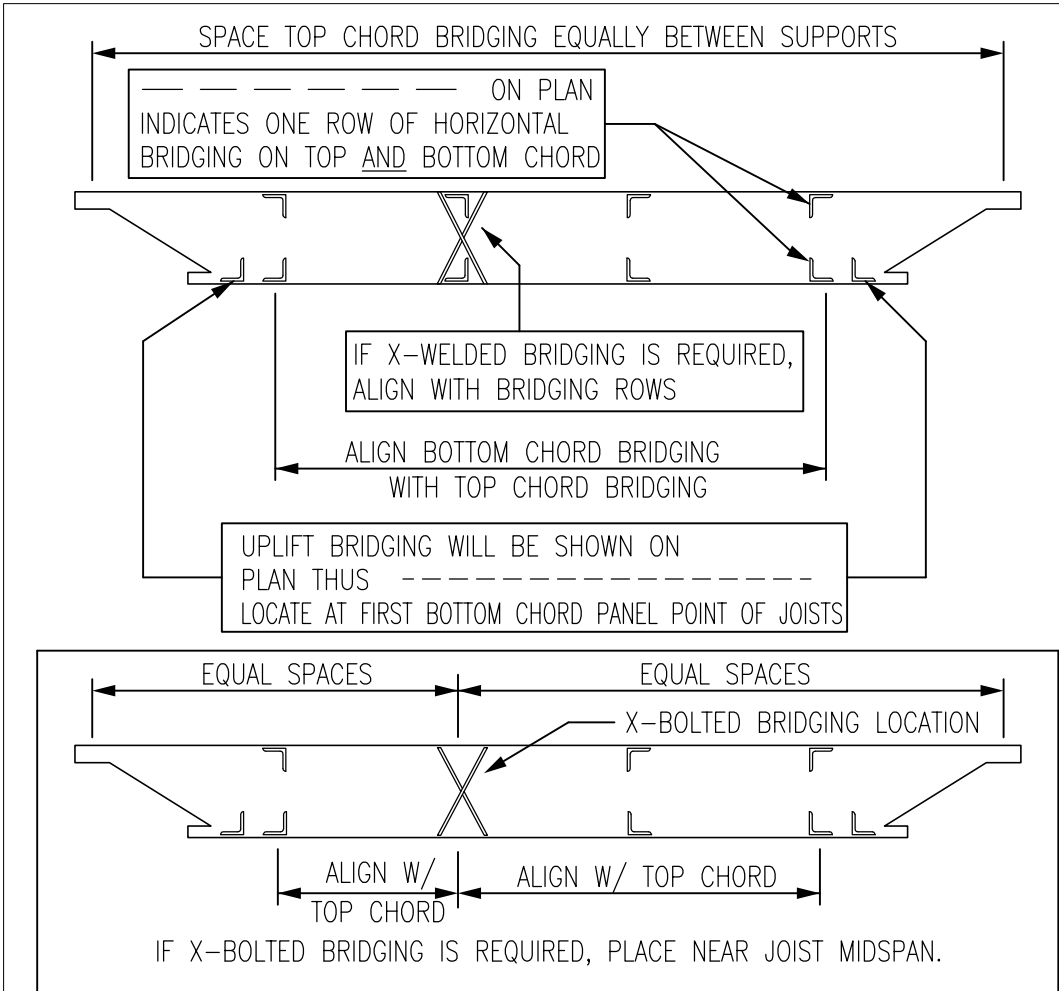


ADDITIONAL BRIDGING DUE TO UPLIFT

A SINGLE ROW OF HORIZONTAL BRIDGING LOCATED
@ THE FIRST BOTTOM CHORD PANEL POINT @ EACH
END. TYP. @ EACH JOIST SHOWN ----- ON PLAN.
THE UPLIFT BRIDGING SIZE IS THE SAME AS THE
REGULAR BRIDGING SIZE FOR THAT BAY.



UPLIFT BRIDGING DETAIL
UPLIFT BRIDGING **MUST** BE LOCATED PER
DIMENSIONS (WHEN PROVIDED) SHOWN ON
PLAN. BRIDGING MAY BE LOCATED EITHER
SIDE OF THE JOIST BOTTOM CHORD PANEL
POINTS.



TYPICAL BRIDGING SPACING ALIGNED W/UPLIFT

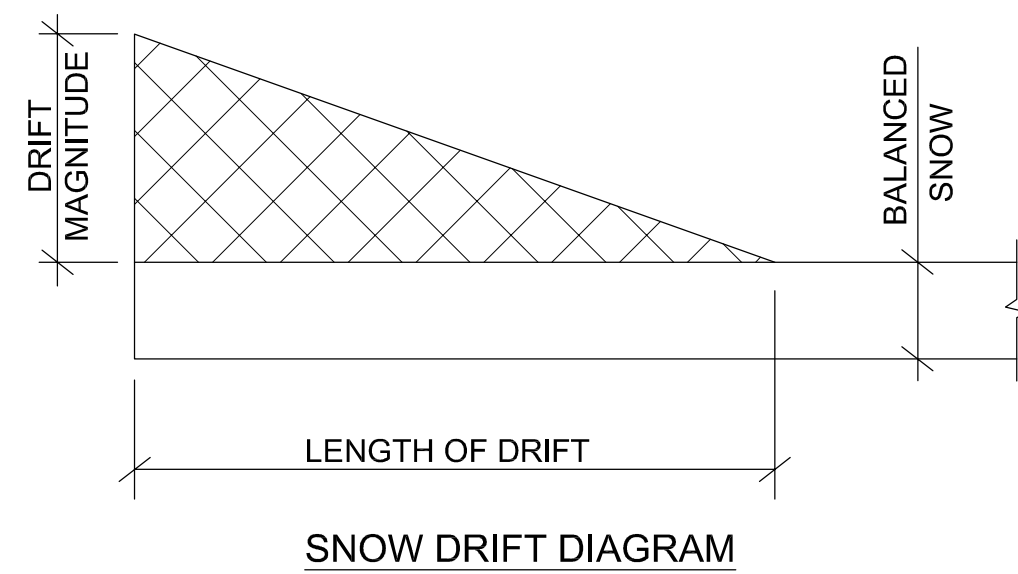
NOTE: BRIDGING ROW QUANTITY'S WILL VARY.
(SEE JOIST ERECTION PLANS FOR BRIDGING ROW REQUIREMENTS.)

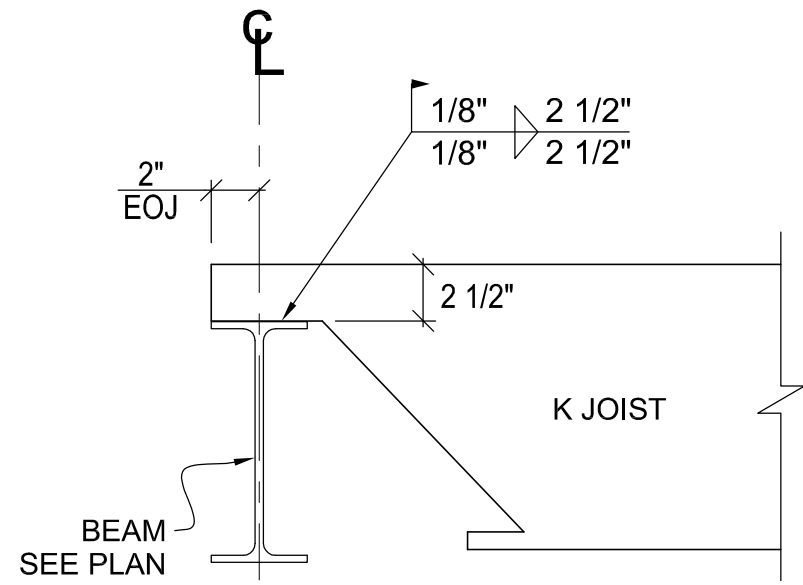
BRIDGING LEGEND WITH ANGLE SIZE

- 400 = WELDED-X BRIDGING, IDENTIFIED ON PLACEMENT PLAN BY MARKS 400 - 799
 - L 1 1/4x1 1/4x0.109
- H# = CONTINUOUS ROW OF HORIZONTAL BRIDGING AT TOP AND BOTTOM CHORD, IDENTIFIED BY MARKS H1 - H6 ON PLACEMENT PLAN, REFERENCE TYPICAL BRIDGING SPACING DETAIL ON EACH PLACEMENT PLAN FOR SPACING REQUIREMENTS, UNLESS SPECIFIC LOCATIONS ARE SHOWN.
 - L 1 1/4x1 1/4x0.109
- H# = CONTINUOUS ROW OF HORIZONTAL UPLIFT BRIDGING INSTALLED AT FIRST BOTTOM CHORD PANEL POINT, IDENTIFIED ON PLAN BY H1 - H6 (REFERENCE TYPICAL BRIDGING SPACING DETAIL ON ROOF PLACEMENT PLANS)
 - L 1 1/4x1 1/4x0.109

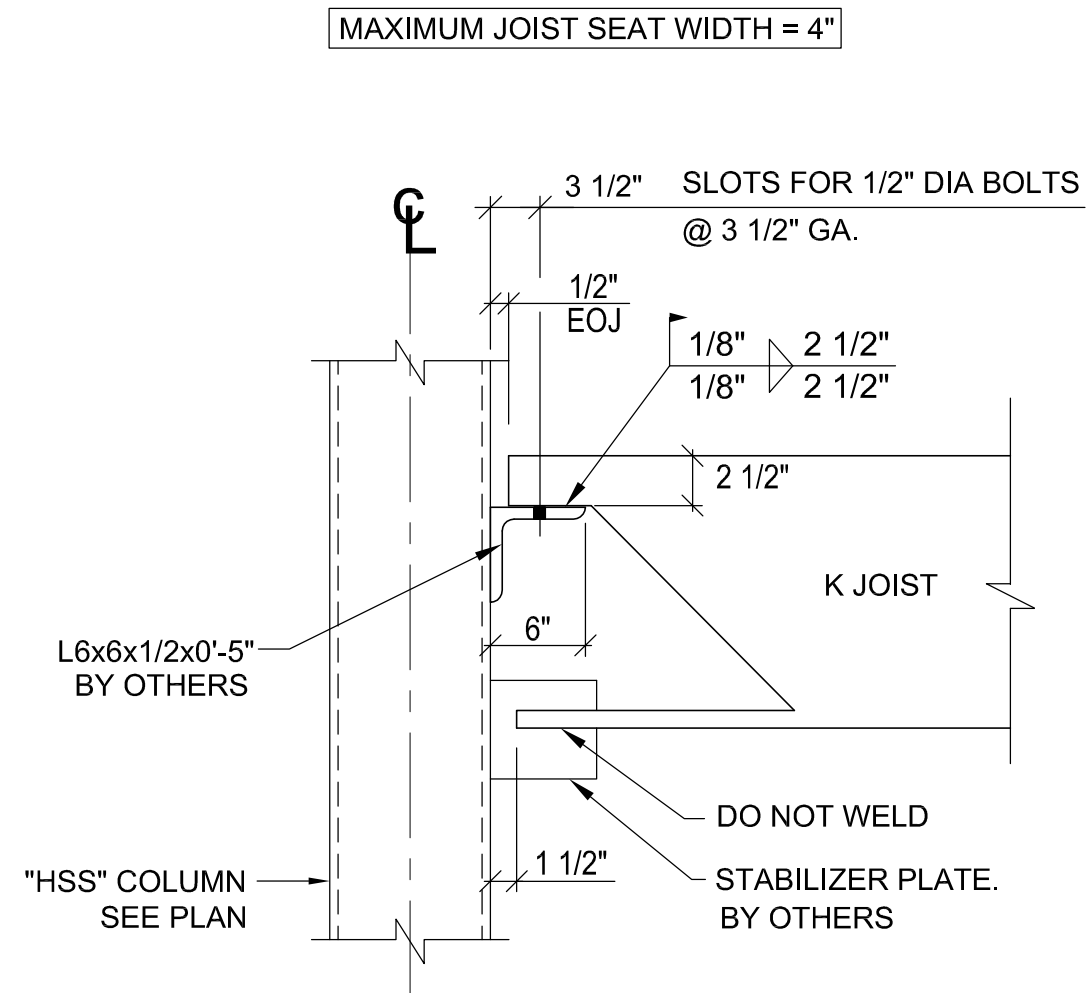
FOR FIELD USE

SNOW DRIFT INFORMATION: 25 PSF GROUND SNOW LOAD		
SNOW DRIFT	DRIFT MAGNITUDE	LENGTH OF DRIFT
A	38.7 PSF TO 0 PSF	9'-0"
B	29.7 PSF TO 0 PSF	6'-11"

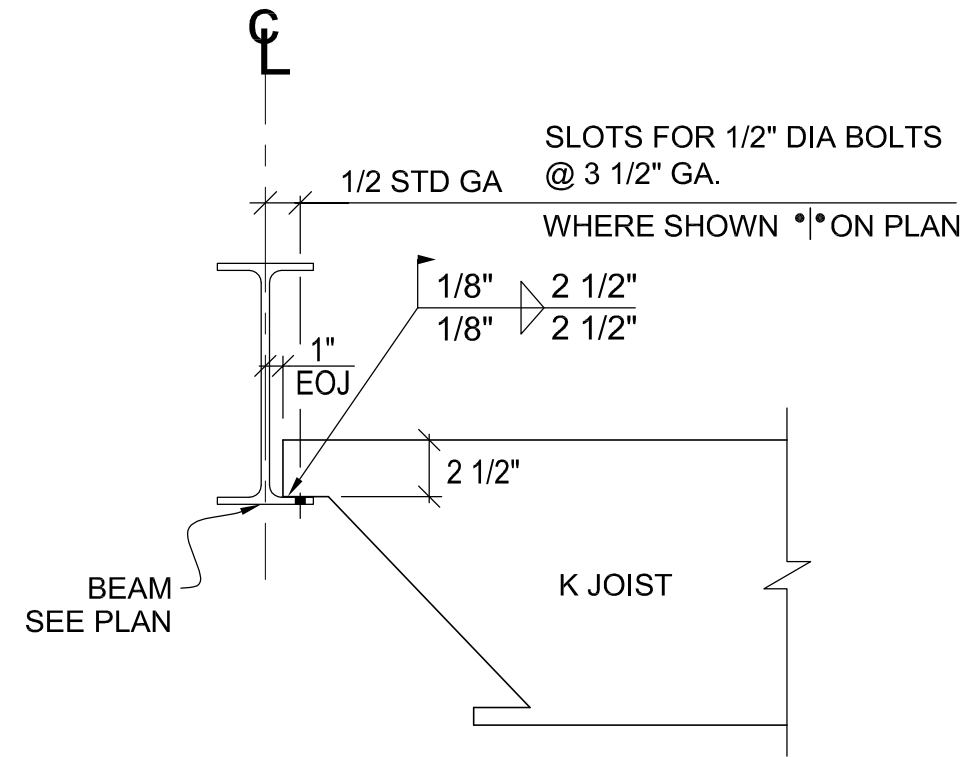




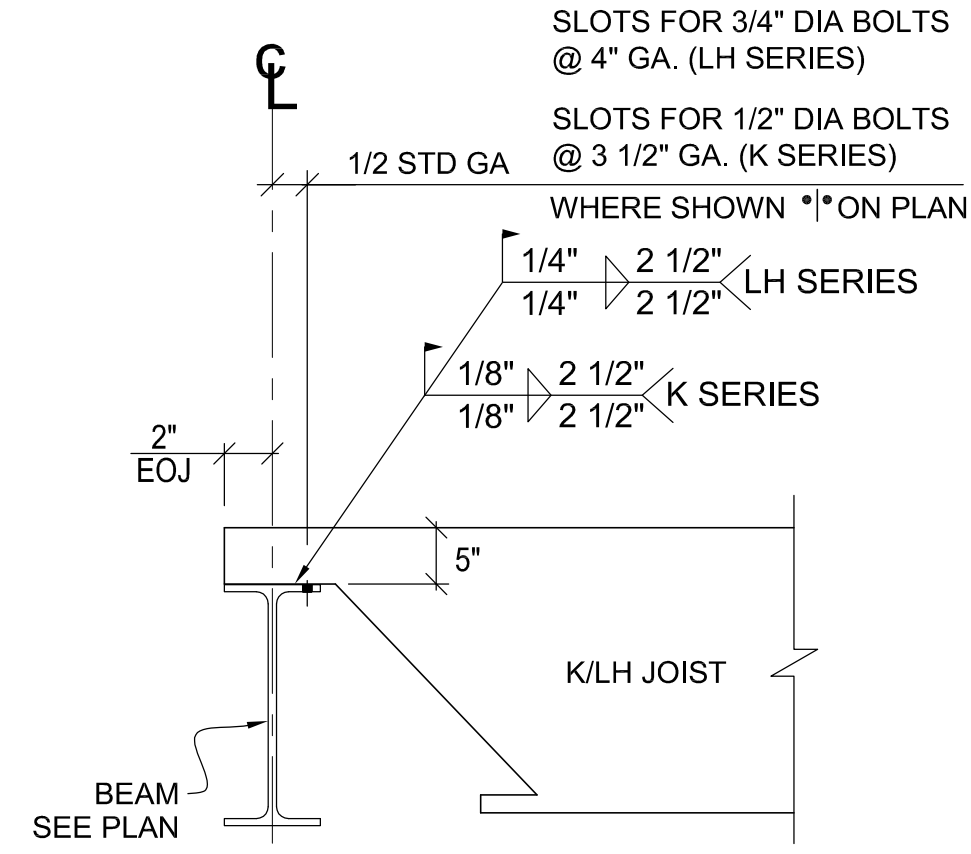
JOIST SECTION 1
REF. : 1, 5/S5.0



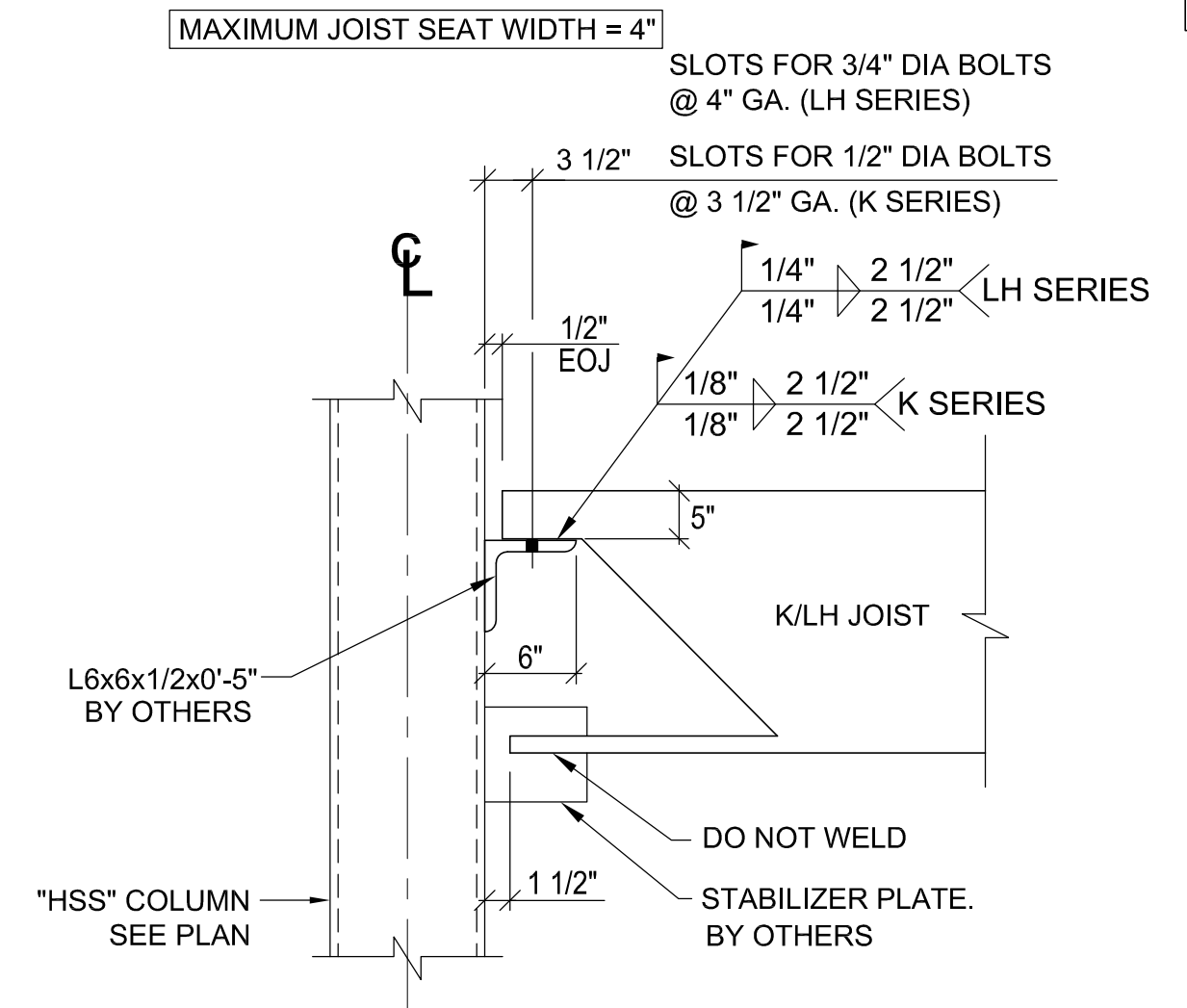
JOIST SECTION 2
REF. : 6/S6.2
BOLTS BY OTHERS



JOIST SECTION 3
REF. : 8/S6.3
BOLTS BY OTHERS

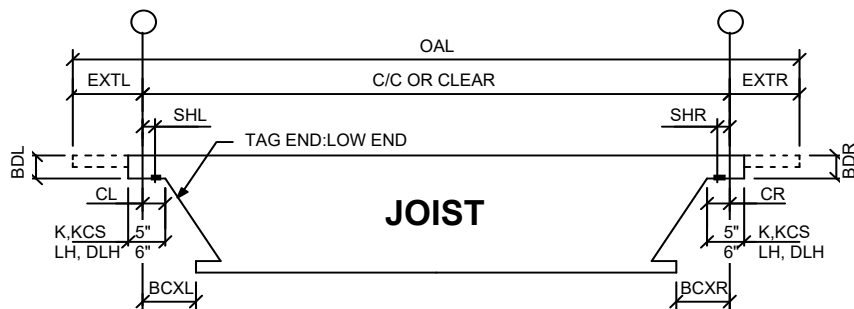


JOIST SECTION 4
REF. : 1; 5/S5.0
2/S5.1



JOIST SECTION 5
REF. : 6/S6.2
BOLTS BY OTHERS

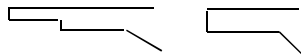
FOR FIELD USE



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

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

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

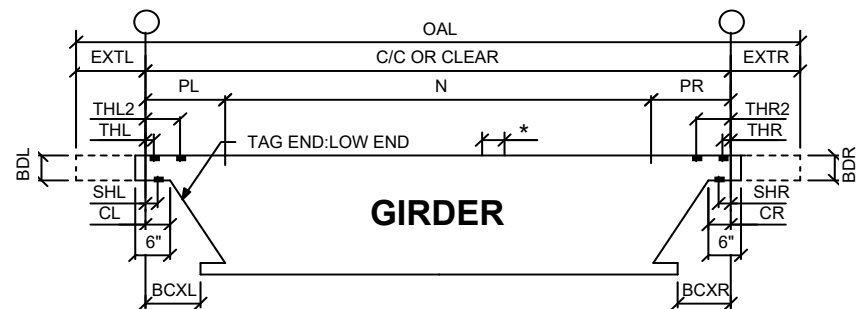


TYPE "S" EXT

TYPE "F" & "R" EXT

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

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



LENGTHS SHOWN ARE IN HORIZONTAL PROJECTION

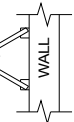

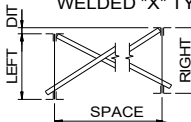
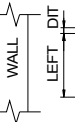


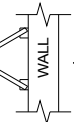

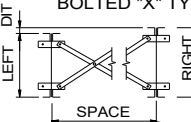


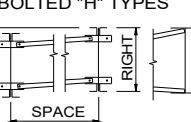
* OSHA JOIST TO GIRDER CONNECTION
WS= Welded Seats
NS= Joist Bolted on Near Side
FS= Joist Bolted on Far Side
BS= Joist Bolted on Both Sides

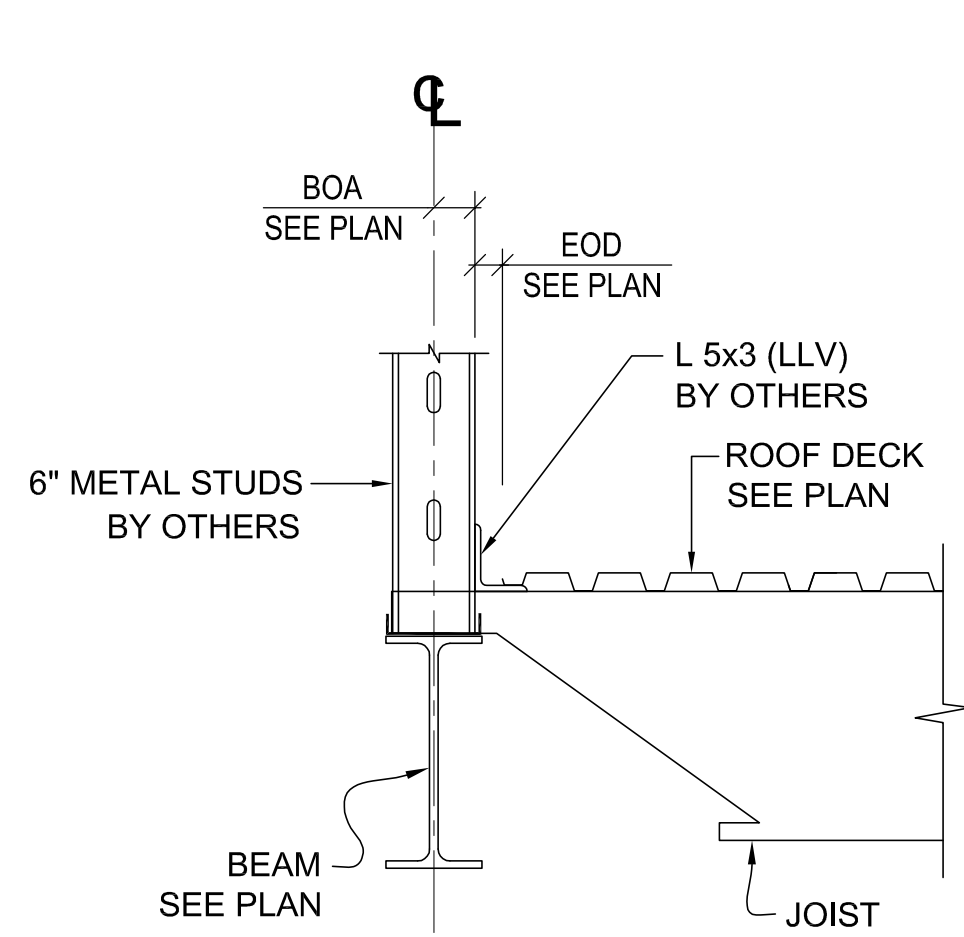
Seat Standards UNLESS NOTED ON THE LIST
BDL, BDR: = 7 1/2"
SLOTS: = 7/8", 5"
THL, THR = 5/8" Holes, 4 1/2" Gage
Holes for LH Series Must be Noted

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

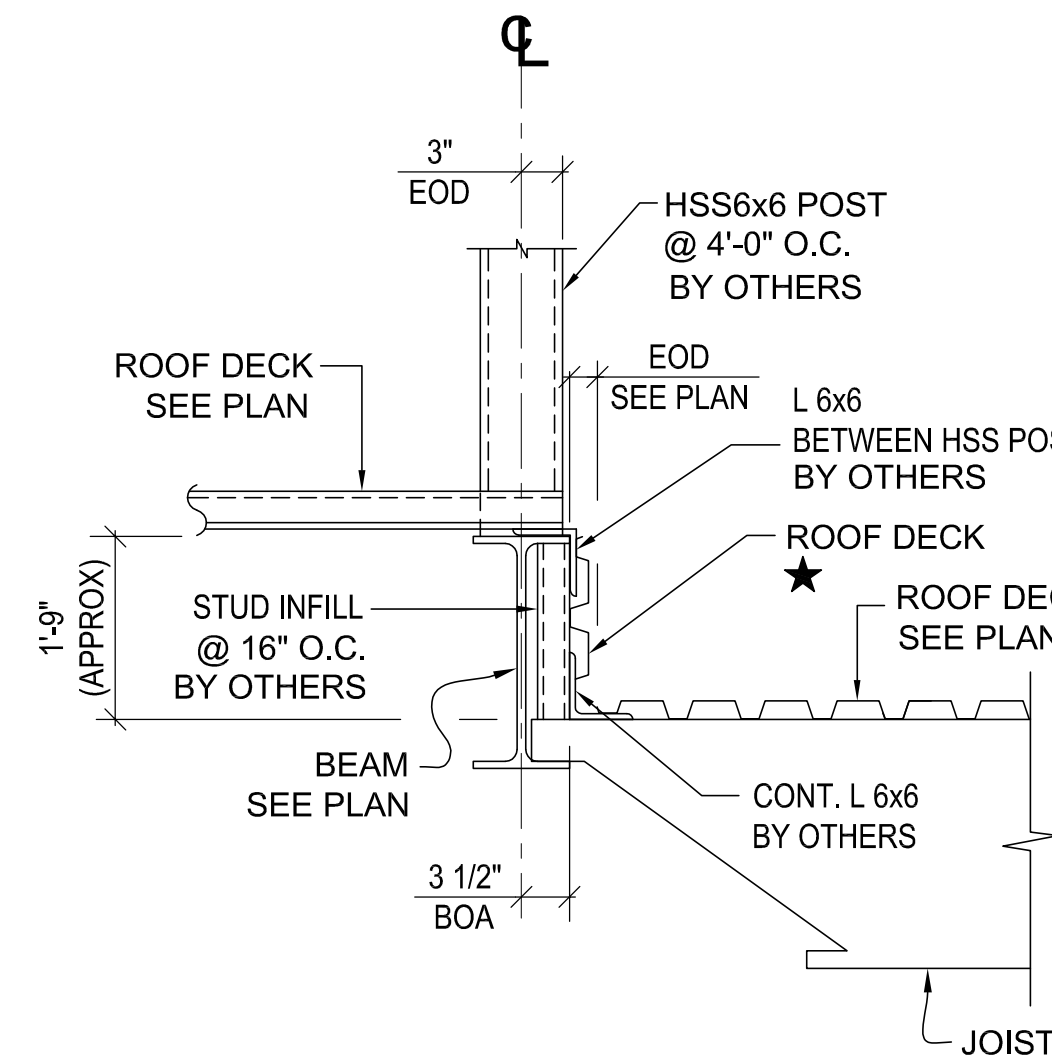
NOTES:					NET UPLIFT: _____ PLF																													
					ASD <input checked="" type="checkbox"/> LRFD <input type="checkbox"/> FACTORED <input type="checkbox"/>																													
MORE THAN 16 NOTES																																		
REFER TO THE JOIST NOTE LIST																																		
SEQUENCE					QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR/ TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL	NOTES											
1	2	3	4																															
				1	J1	14KCS3		2"	15'-6"	-1"	F	4"	F	5 1/4"	2 1/2"	2 1/2"					15'-7"	(1), (L1), (L2)												
				1	J2	14KCS3		2"	15'-6"	-1"	F	4"	F	5 1/4"	2 1/2"	2 1/2"					15'-7"	(1), (L3), (L4)												
				2	J3	14K3		2"	15'-6"	-1"	F	4"	F	4"	2 1/2"	2 1/2"					15'-7"	(1), (L5)												
				1	TJ4	14K3		-3 1/2"	15'-6"	-3 1/2"	F	9"	F	9"	2 1/2"	2 1/2"	6 1/2"	6 1/2"	4 1/2"	4 1/2"	14'-11"	(1), (L6) (DT)												
				2	J5	14K3		2"	15'-6"	-1"	F	4"	F	5 1/4"	2 1/2"	2 1/2"					15'-7"	(1), (L7)												
				1	TJ6	14K3		-3 1/2"	15'-6"	-1"	F	9"	F	5 1/4"	2 1/2"	2 1/2"	6 1/2"	1 3/4"	4 1/2"		15'-1 1/2"	(1), (L6) (DT)												
				1	J7	14K3		2"	15'-6"	-1"	F	4"	F	5 1/4"	2 1/2"	2 1/2"					15'-7"	(1), (L8), (L9)												
				1	J8	14K3		2"	15'-6"	-1"	F	4"	F	5 1/4"	2 1/2"	2 1/2"					15'-7"	(1), (L1), (L10)												
				2	J9	24LH09		2"	40'-0"	2"	F	5"	F	5"	5"	5"	1 1/2"	1 1/2"			40'-4"	(2), (L11), (L12), (L26)												
				1	J10	24LH09		2"	40'-0"	2"	F	5"	F	5"	5"	5"	1 1/2"	1 1/2"			40'-4"	(2), (L13), (L14), (L26)												
				2	J11	24LH09		2"	40'-0"	2"	F	5"	F	5"	5"	5"	1 1/2"	1 1/2"			40'-4"	(2), (L15), (L16), (L17), (L18), (L26)												
				2	J12	24LH09		2"	40'-0"	2"	F	5"	F	5"	5"	5"	1 1/2"	1 1/2"			40'-4"	(2), (L19), (L20), (L21), (L22), (L26)												
				2	TJ13	24K9		2"	30'-4"	-3 1/2"	F	5"	F	9"	5"	5"	1 1/2"	6 1/2"		4 1/2"	30'-2 1/2"	(2), (L17), (L23), (L26) (DT)												
				2	J14	24K9		2"	30'-4"	2"	F	5"	F	5"	5"	5"					30'-8"	(2), (L24), (L25), (L26)												
				1	TJ15	24LH09		2"	40'-0"	-3 1/2"	F	5"	F	9"	5"	5"	1 1/2"	6 1/2"		4 1/2"	39'-10 1/2"	(2), (L13), (L14), (L26) (DT)												
				22	TOTAL QTY			LAST SHOP ORDER YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			PROJECT: PO# CHASE BANK DREXEL HILL								PAINT: GRAY		REV #		DATE:											

NOTE	DESCRIPTION	NOTE	DESCRIPTION
	NU 64 PLF		
	DEFLECTION: TL = L/180 & LL = L/240.		
1	1 ROW OF HORIZONTAL BRIDGING W/ 1 ROW @ 1ST BOTTOM CHORD PP @ EACH		
2	2 ROWS OF HORIZONTAL BRIDGING W/ 1 ROW @ 1ST BOTTOM CHORD PP @ EAC		
L1	USDL = 46 PLF @ ENTIRE TC.		
L10	TSDL = 79 PLF TO 0 PLF FROM 0'-3" FOR (5'-9") FROM BE.		
L11	TSDL = 41 PLF TO 0 PLF FROM 0'-3" FOR (2'-6") FROM BE.		
L12	USDL = 96 PLF @ ENTIRE TC.		
L13	USDL = 19 PLF @ ENTIRE TC.		
L14	TSDL = 120 PLF TO 0 PLF FROM 0'-3" FOR (6'-0") FROM BE.		
L15	TSDL = 97 PLF TO 0 PLF FROM 0'-3" FOR (4'-8") FROM TE.		
L16	USDL = 47 PLF @ TC FROM 0'-3" FOR (15'-3 1/2") FROM TE.		
L17	TSDL = 144 PLF TO 0 PLF FROM 0'-3" FOR (6'-11") FROM NON-TE.		
L18	TSDL = 47 PLF TO 0 PLF FROM 15'-3 1/2" FOR (1'-6 1/2") FROM TE.		
L19	TSDL = 14 PLF TO 0 PLF FROM 0'-3" FOR (1'-1 1/4") FROM TE.		
L2	TSDL = 94 PLF TO 0 PLF FROM 0'-3" FOR (6'-3") FROM BE.		
L20	USDL = 97 PLF @ TC FROM 0'-3" FOR (11'-5 1/2") FROM TE.		
L21	TSDL = 97 PLF TO 0 PLF FROM 11'-5 1/2" FOR (5'-4 1/2") FROM TE.		
L22	TSDL = 159 PLF TO 0 PLF FROM 0'-3" FOR (6'-11") FROM NON-TE.		
L23	TSDL = 144 PLF TO 0 PLF FROM 0'-5" FOR (6'-11") FROM TE.		
L24	TSDL = 121 PLF TO 0 PLF FROM 0'-5" FOR (6'-11") FROM TE.		
L25	TSDL = 121 PLF TO 0 PLF FROM 0'-3" FOR (6'-11") FROM NON-TE.		
L26	ADD'L 54 PLF ENTIRE TC (FUTURE DEAD LOAD).		
L3	USDL = 5 PLF @ ENTIRE TC.		
L4	TSDL = 132 PLF TO 0 PLF FROM 0'-3" FOR (8'-9") FROM BE.		
L5	TSDL = 131 PLF TO 0 PLF FROM 0'-3" FOR (9'-0") FROM BE.		
L6	TSDL = 155 PLF TO 0 PLF FROM 0'-3" FOR (9'-0") FROM BE.		
L7	TSDL = 175 PLF TO 0 PLF FROM 0'-3" FOR (9'-0") FROM BE.		
L8	USDL = 10 PLF @ ENTIRE TC.		
L9	TSDL = 124 PLF TO 0 PLF FROM 0'-3" FOR (8'-4") FROM BE.		

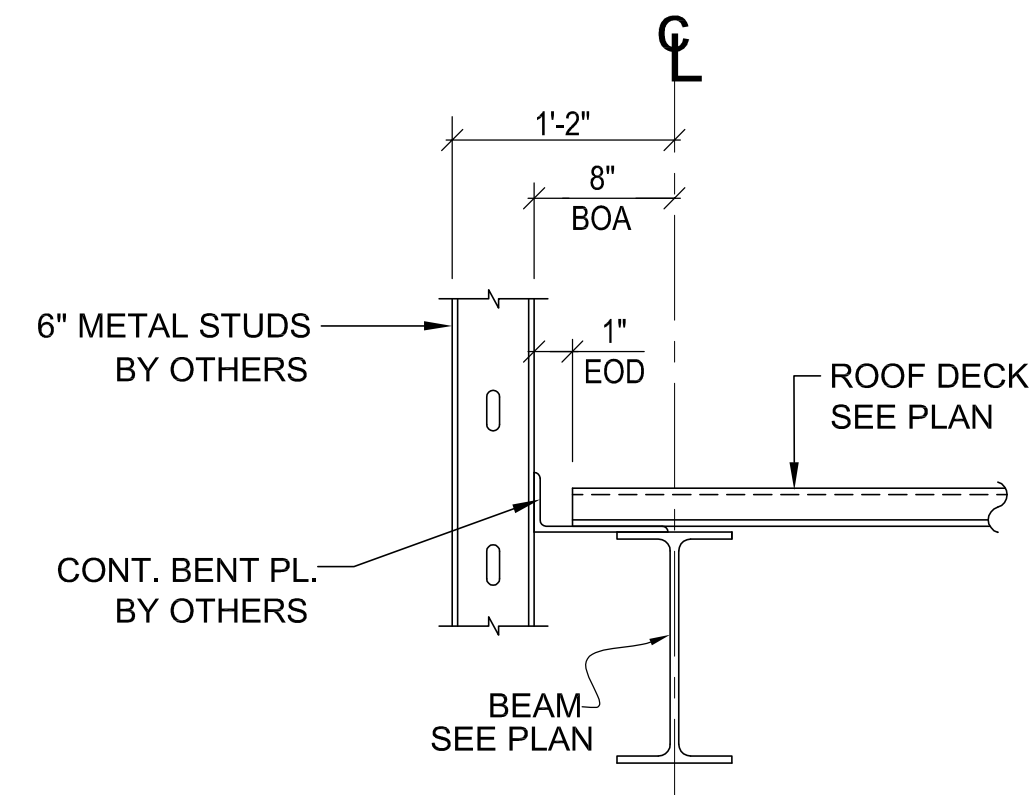
<div><div>WELDED "X" TYPES</div><div></div><div>TYPE 1 TYPE 2 TYPE 3</div></div> <div><div>BOLTED "X" TYPES</div><div></div><div>TYPE 4 TYPE 5 TYPE 6 TYPE 7 TYPE 8 TYPE 9</div></div> <div><div>BOLTED "H" TYPES</div><div></div><div>TYPE 13 TYPE 14 TYPE 15</div></div>														NOTES:																			
NOTE FOR "D1T" USE "+" WHEN "LEFT" IS LOWER THAN "RIGHT" & USE "-" WHEN "RIGHT" IS LOWER THAN "LEFT"																																	
SEQUENCE				QTY	MARK	TYPE	LEFT MARK	LEFT DEPTH	RIGHT MARK	RIGHT DEPTH	SPACING	DIT = DIFF IN TOP	SIZE	REMARKS	SEQUENCE				HORIZONTAL BRIDGING														
1	2	3	4												1	2	3	4	QTY	MARK	LENGTH	SIZE	REMARKS										
				6	400	1		14"		14"	3'-7"		L1 1/4x1 1/4x0.109					26	H2	25'-0"	L1 1/4x1 1/4x0.109	UPLIFT INCLUDED											
				6	401	1		14"		14"	4'-0"		L1 1/4x1 1/4x0.109																				
				16	402	1		24"		24"	4'-8"		L1 1/4x1 1/4x0.109																				
				6	403	1		24"		24"	5'-0"		L1 1/4x1 1/4x0.109																				
				12	404	1		24"		24"	5'-8"		L1 1/4x1 1/4x0.109																				
				6	405	1		24"		24"	4'-9"		L1 1/4x1 1/4x0.109																				
																		BRIDGING ANCHOR CLIPS															
																		1	2	3	4	QTY	MARK	LENGTH	SIZE	REMARKS							
																		GIRDER KNEE BRACE / LOOSE BOTTOM CHORD															
																		1	2	3	4	QTY	MARK	LENGTH	SIZE	GIRDER DEPTH	JOIST DEPTH	SEAT DEPTH					
																		SEQUENCE			BOLT/NUT/WASHER			SEQUENCE				BOLT/NUT/WASHER					
																		1	2	3	4	QTY	SIZE	1	2	3	4	QTY	SIZE				
					52	TOTAL QTY	LAST SHOP ORDER	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	PROJECT:				PO# CHASE BANK DREXEL HILL				PAINT:				GRAY				REV#				DATE:			



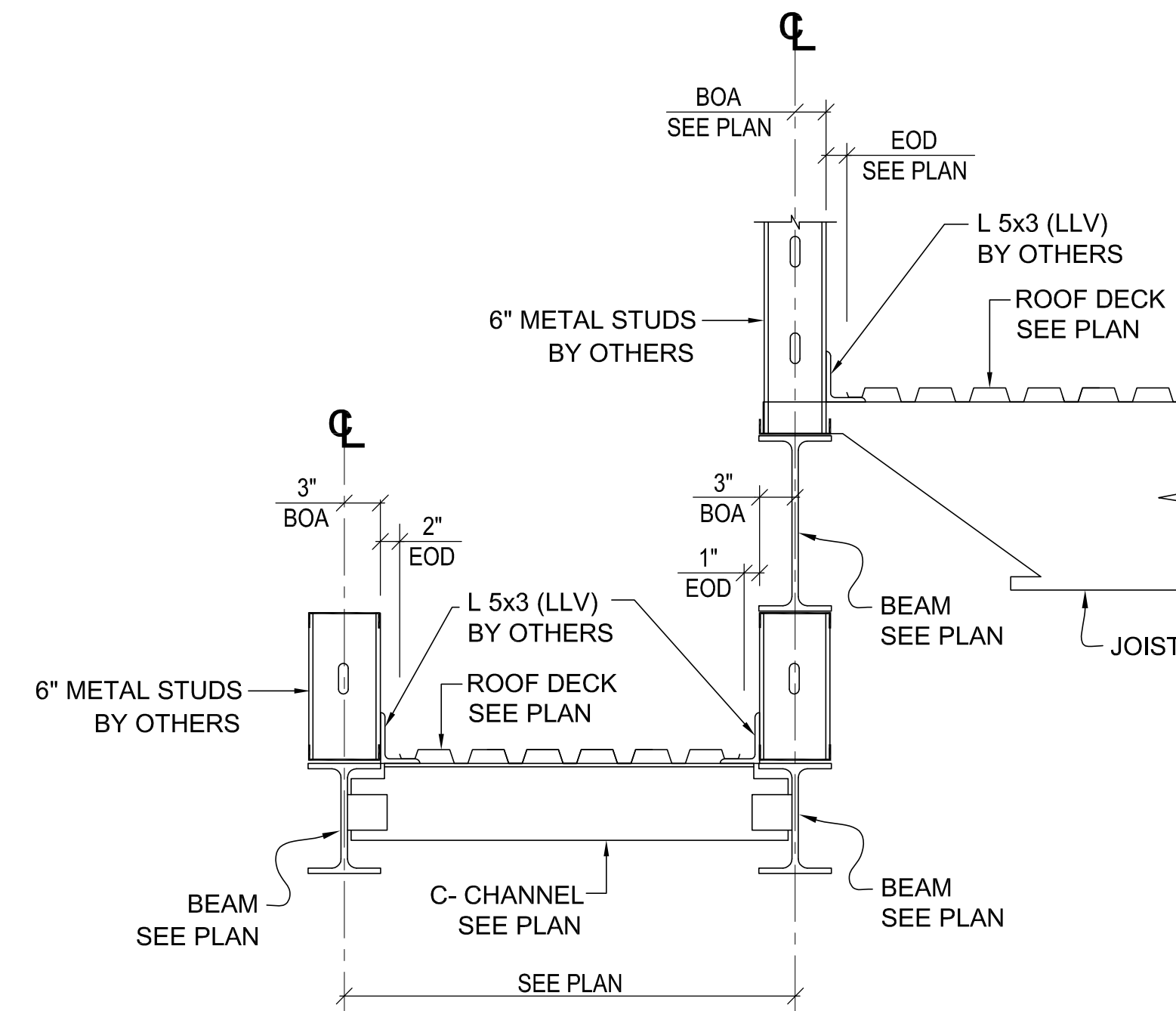
DECK SECTION 1
REF. : 1, 2A, 3, 4, 5/S5.0, 4/S5.1



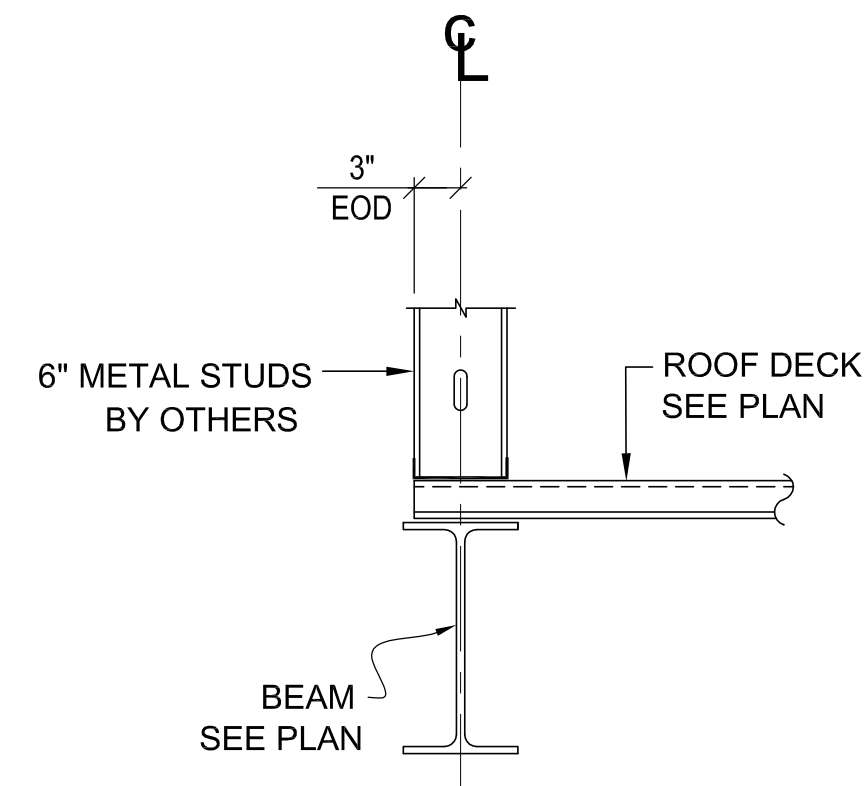
DECK SECTION 2
REF. : 8/S6.3



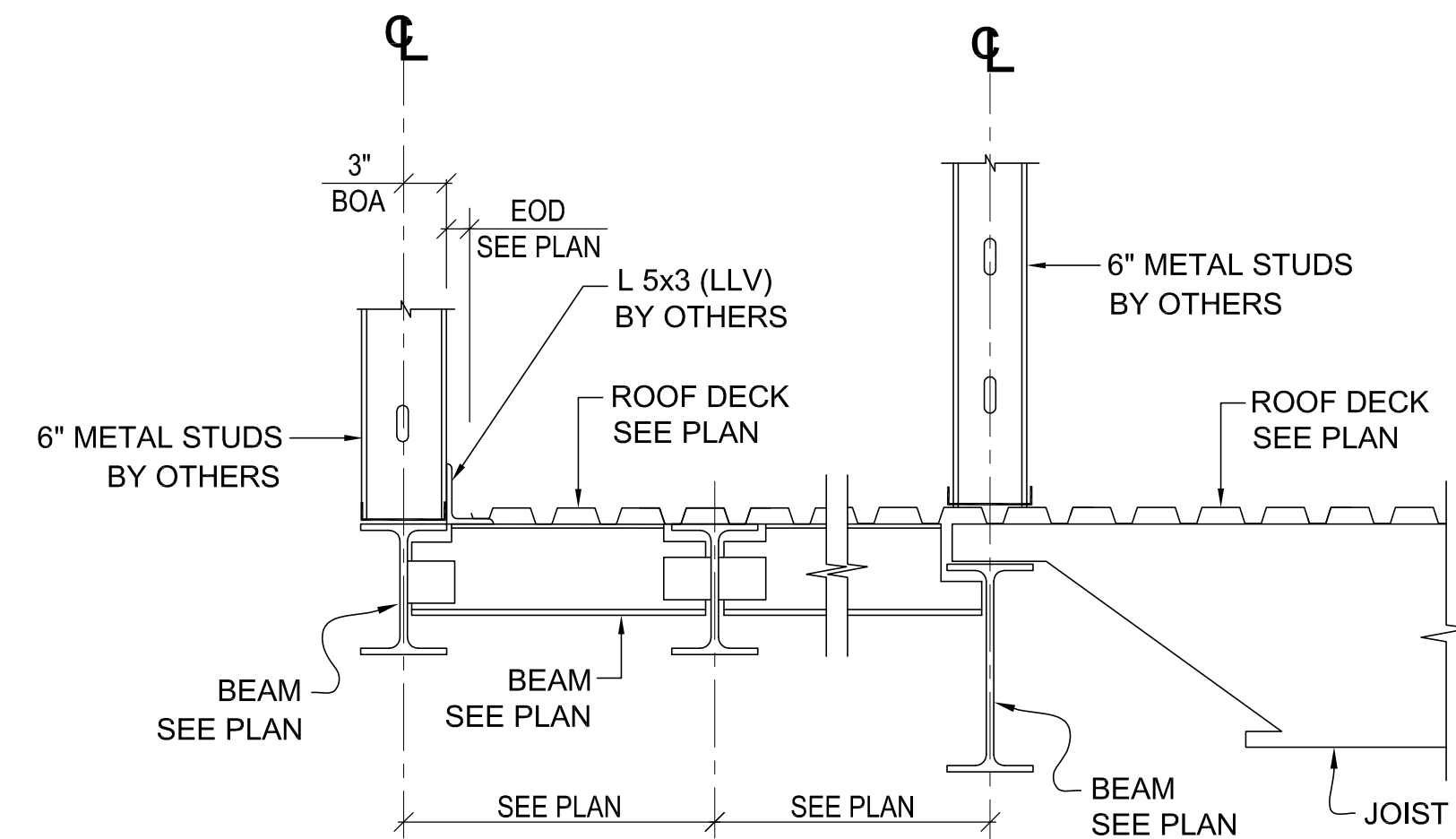
DECK SECTION 3
REF. : 6/S5.1



DECK SECTION 4
REF. : 1/S5.2

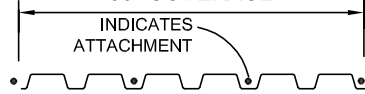


DECK SECTION 5
REF. : 6/S5.0, 2/S5.2, 5/S5.1

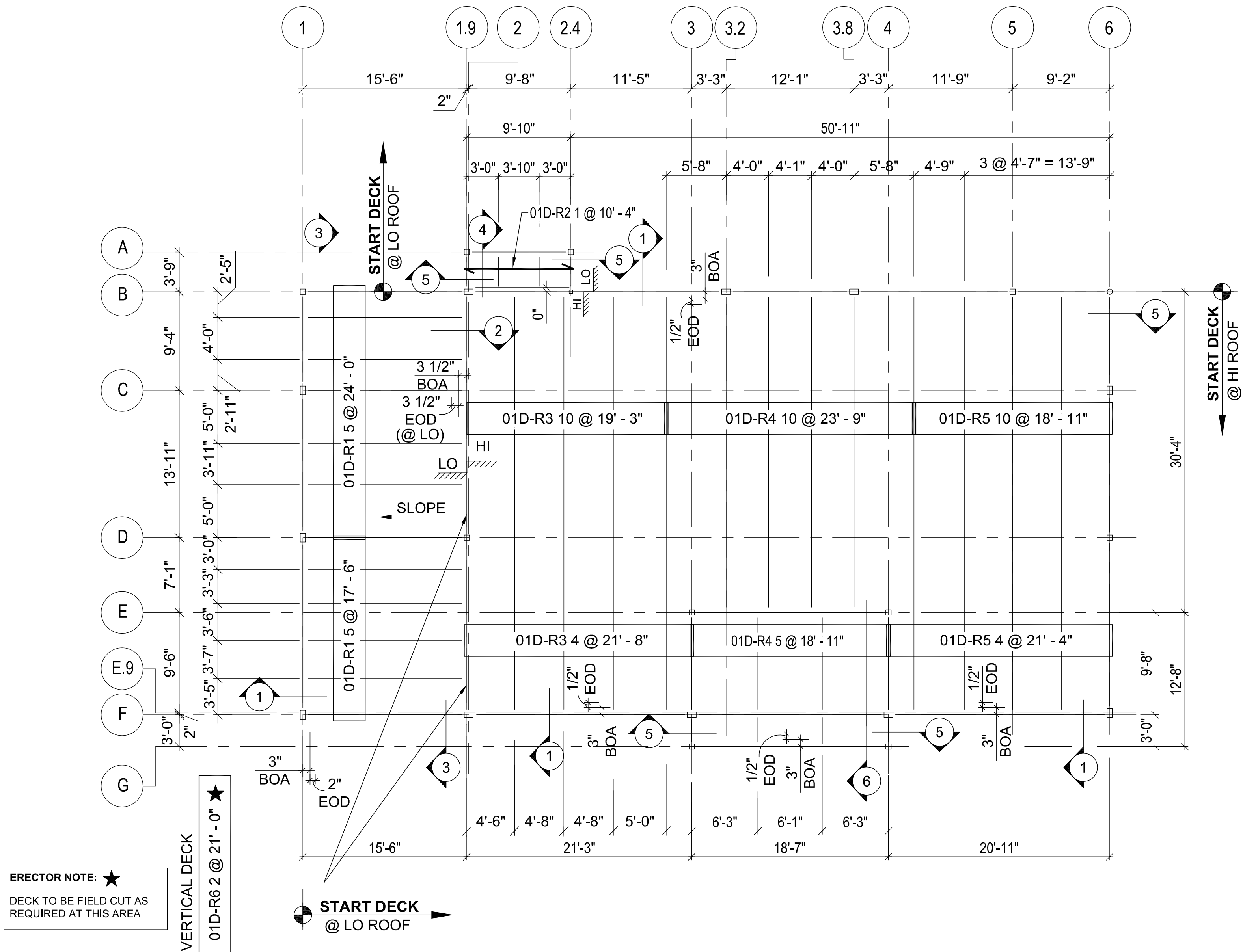


DECK SECTION 6
REF. : 1, 2/S5.1

DECK GAGE & FINISH							
FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
<input type="checkbox"/>	<input type="checkbox"/>	R	1.5B - 36	20	GALV (G60)	50 KSI	36"

DECK FASTENER SCHEDULE				
FASTENER PATTERN at SUPPORT:				
		<div>36" COVERAGE</div> <div>INDICATES ATTACHMENT</div> 		
		36/4 PATTERN		
GENERAL NOTES :				
ALLOWABLE CAPACITY FOR DIAPHRAGM ACTION IS IN ACCORDANCE TO SDI PUBLICATION, "DIAPHRAGM DESIGN MANUAL". IN THE CASE OF MECHANICAL FASTENERS, THE ERECTION SHALL TAKE CARE IN THE SELECTION OF ELECTRODES AND AMPERAGE TO PROVIDE POSITIVE TIE TO THE SUPPORT WITHOUT CAUSING ANY HIGH AMPERAGE BLOW HOLES. WHEN SIDELAP SCREWS ARE SPEC, THE SPACING SHALL BE EQUALLY DISTANCED WITHOUT HAVING ANY SPACE GREATER THAN 20". MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.				
BUILDING ZONE	PATTERN @ INTERMEDIATE SUPPORT	PATTERN @ PERIMETER SUPPORT	FASTENER TYPE @ SUPPORT	SIDELAP FASTENER
ROOF	36/4	12" O.C.	5/8"Ø PUDDLE WELD	2 - #10 TEK SCREWS PER SPAN
1) POUR STOP SHALL BE WELDED WITH 1" FILLET WELDS @ 12" O. C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.				
2) ALL DECK ACCESSORIES OTHER THAN POUR STOPS SHALL ATTACHED BY EITHER TACK WELDING OR #10 TEK SCREWS (BY OTHERS) @ 24" O. C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.				
REMARKS:				
SCREWS - #10 -16x3/4" Type/1 (Side Laps)				

Accessories Schedule						
Length = 10'-0" TYP. UNO.						
MARK	Gage	Profile	A	B	C	Angle
TEK/1 (Tek Screws)						



ROOF DECK PLACEMENT PLAN

SEQ. #01D

REF. : S3.0

NOTES:

- REFERENCE DWG DE1.1 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
- FOR DECK SECTIONS SEE DE1.3.

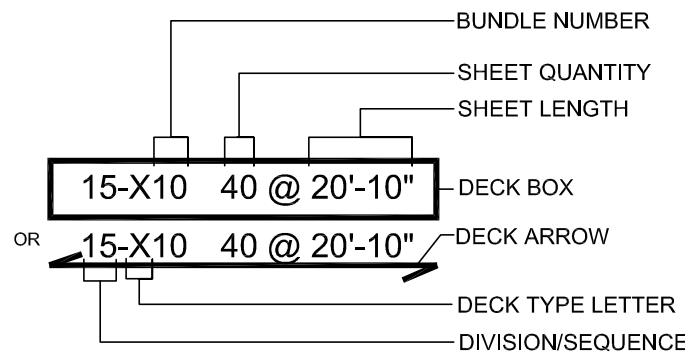
DESIGN METHOD

ASD: ☒

LRFD: ☐

FACTORED: ☐

DECK SHEET LEGEND



BILL OF MATERIALS

List For	FABRICATION
----------	-------------

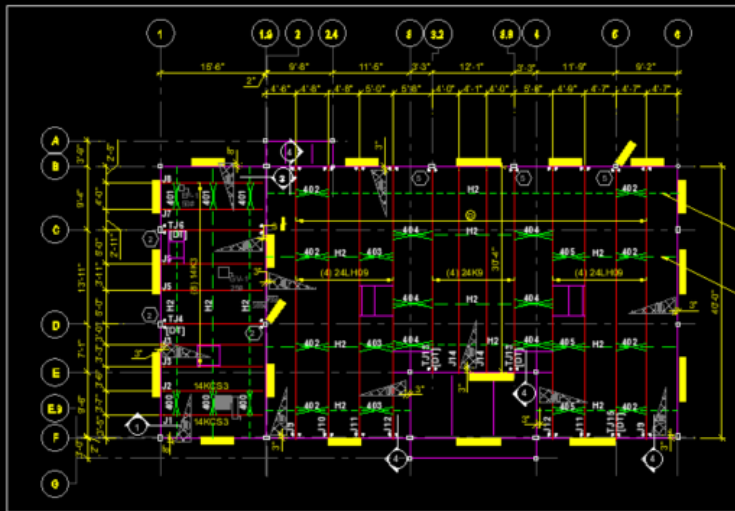
JOB-ID	23-12217	SEQ#	01D
---------------	----------	-------------	-----

Job Name	PO# CHASE BANK DREXEL HILL
-----------------	-----------------------------------

Remarks	
---------	--

DECK BOM	
----------	--

[illegible]



UPSET BRIDGING TYP.
SEE LEGEND BELOW.

HORIZONTAL BRIDGING TYP.
SEE LEGEND BELOW.

REFER TO SHEET JE 1.01
FOR GENERAL NOTES

ALL JOIST & BRIDGING SHALL
BE PAINTED WITH ONE COAT
OF STANDARD GRAY DIP
PRIMER.

ROOF JOIST PLACEMENT PLAN

REQ. 40.10 REF. 50.3

1. THE TAG END OF THE JOIST IS THE END AT WHICH THE PECCMARK IS LOCATED.
2. REFERENCE JOIST JE 1.01 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
3. FOR JOIST SECTION SEE JE 4.01.
4. DENOTES JOIST CONNECTION (TYPE SEE JE 4.01).
5. ALL JOISTS BEARING COLS ARE HSB1008 UNO.
6. ROOF DEAD LOAD = 25 PSF & FLAT ROOF SNOW LOAD = 21 PSF.
7. DEFLECTION: LL/L2/40 AND TL/L1/80.

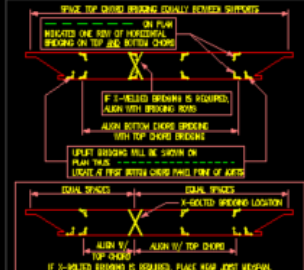
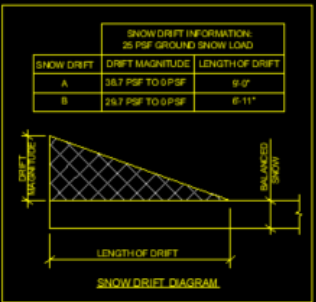


ADDITIONAL BRIDGING DUE TO UPLIFT

A SINGLE ROW OF HORIZONTAL BRIDGING LOCATED
@ THE FIRST BOTTOM CHORD PANEL POINT @ EACH
END TYP. @ EACH JOIST SHOWN ----- ON PLAN.
THE UPLIFT BRIDGING SIZE IS THE SAME AS THE
REGULAR BRIDGING SIZE FOR THAT BAY.



ADDL 10 PSF FUTURE DL



NOTE: BRIDGING ROW QUANTITIES WILL VARY.
(SEE JOIST SECTION PLANS FOR BRIDGING ROW REQUIREMENTS)

BRIDGING LEGEND WITH ANGLE SIZE

- = 4x8 BRIDGING IDENTIFIED ON PLACEMENT PLAN BY MARKS 400 - 719
- = 4x6 BRIDGING IDENTIFIED ON PLACEMENT PLAN BY MARKS 400 - 719
- = 4x4 BRIDGING IDENTIFIED ON PLACEMENT PLAN BY MARKS 400 - 719
- = 4x2 BRIDGING IDENTIFIED ON PLACEMENT PLAN BY MARKS 400 - 719
- = 4x1 BRIDGING IDENTIFIED ON PLACEMENT PLAN BY MARKS 400 - 719
- = 4x0 BRIDGING IDENTIFIED ON PLACEMENT PLAN BY MARKS 400 - 719

FOR FIELD USE

DECK GAGE & FINISH						
FW DECK	LA DECK	MARK	TYPE	GAGE	FINISH	PAVING COVER
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	R	1.50 x .38	20	GALV (G40)	NO K&L 38"

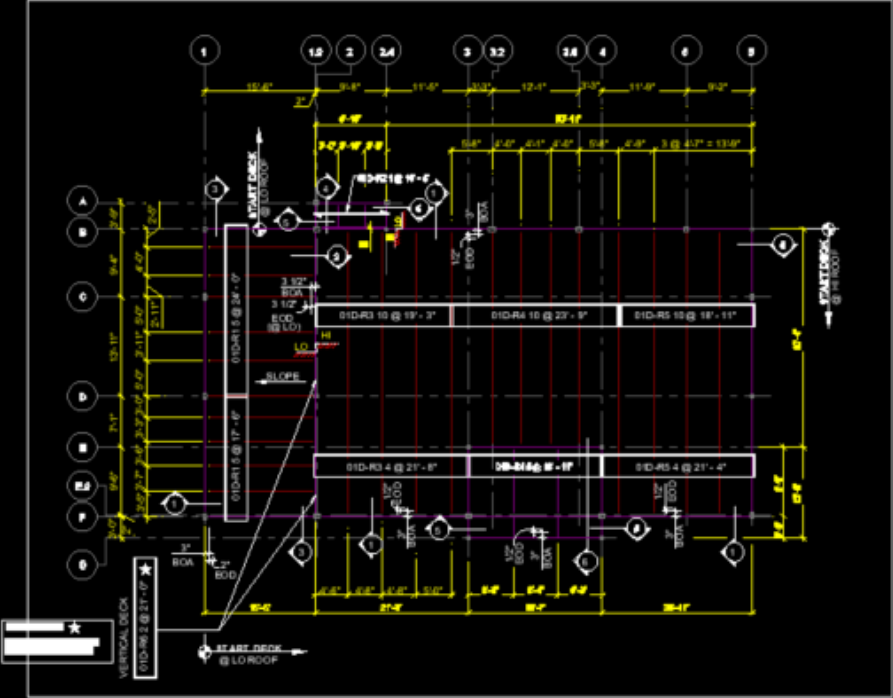
DECK FASTENER SCHEDULE

MARK	Size	Profile	A	B	C	Angle
TRN1 (Tek Screw)						

Accessories Schedule

Length = 10'-0" TYP. UNO.

MARK	Size	Profile	A	B	C	Angle
TRN1 (Tek Screw)						



ROOF DECK PLACEMENT PLAN

REV. #1110 (REV. 5.10)

- NOTES:
- REFERENCE DWG DET 1 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
 - FOR DECK SECTIONS SEE DET 3.

DESIGN METHOD

ASD ☒ LRFD ☐ FACTORED ☐