

# SHOPS AT JORDAN CROSSING

## RETAIL SHELL BUILDING B

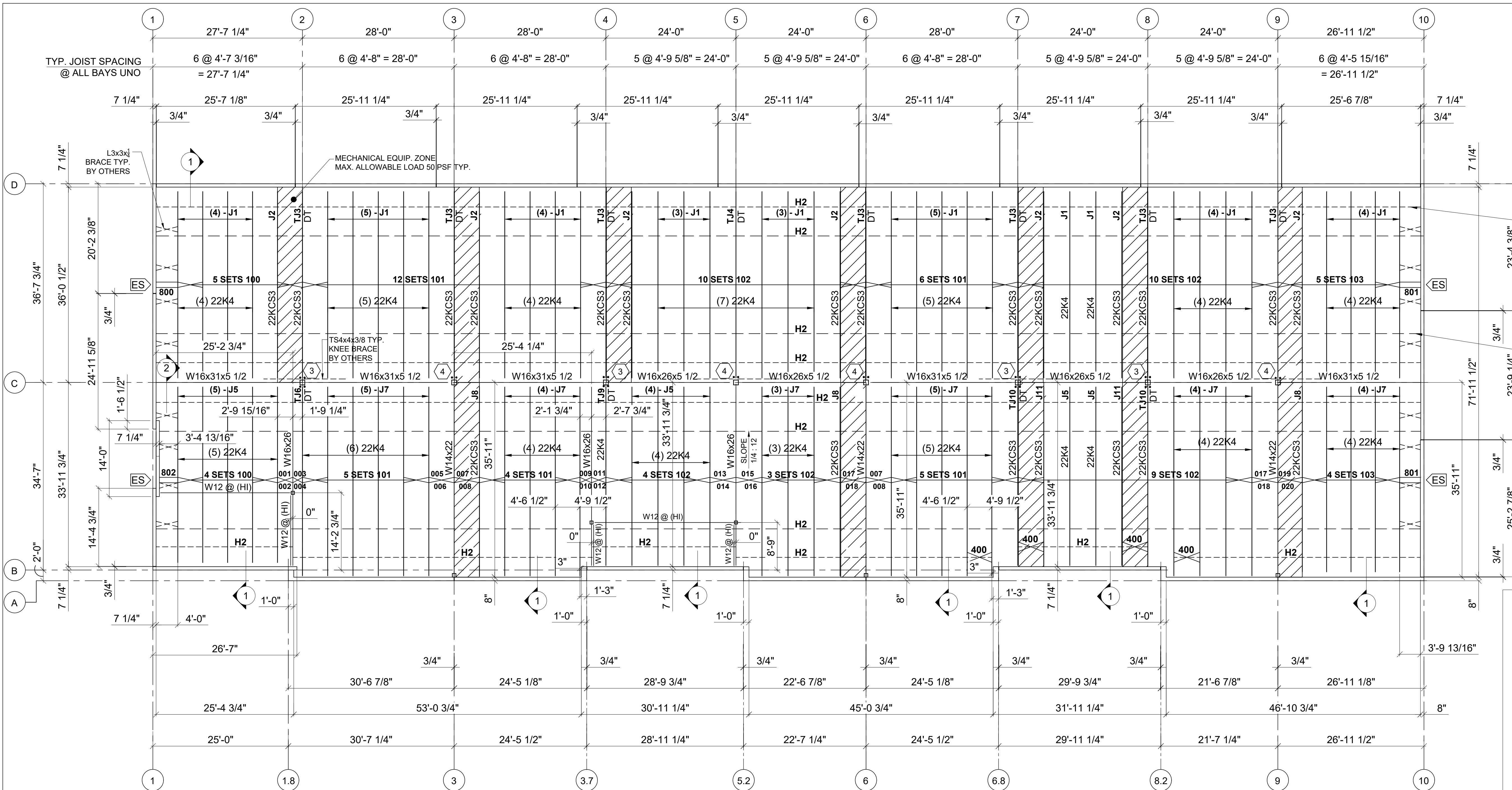
29906 JORDAN CROSSING BLVD.  
BROOKSHIRE, TX 77423 [FORT BEND COUNTY]





REFER TO SHEET JE1.01  
FOR GENERAL NOTES

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

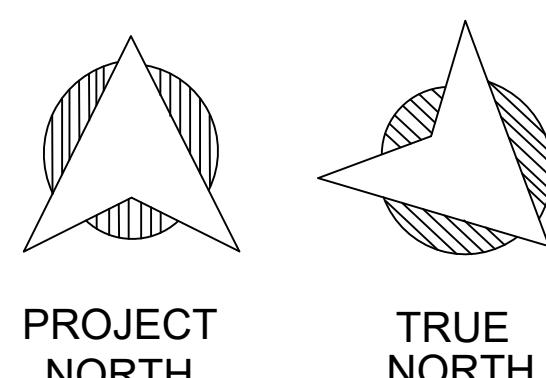


UPLIFT BRIDGING TYP.  
SEE LEGEND BELOW.

HORIZONTAL BRIDGING TYP.  
SEE LEGEND BELOW.

#### BRIDGING LEGEND WITH ANGLE SIZE

	10 SETS 100 = CONTINUOUS ROW OF BOLTED-X BRIDGING, IDENTIFIED ON PLACEMENT PLAN BY MARKS 001 - 399
	800 = BOLTED HORIZONTAL BRIDGING, IDENTIFIED ON PLACEMENT PLAN BY MARKS 800 - 899
	400 = WELDED-X BRIDGING, IDENTIFIED ON PLACEMENT PLAN BY MARKS 400 - 799
	H# = CONTINUOUS ROW OF HORIZONTAL BRIDGING AT TOP AND BOTTOM CHORD, IDENTIFIED ON PLACEMENT PLAN BY MARKS H1 - H6. REFERENCE TYPICAL BRIDGING SPACING DETAIL ON EACH PLACEMENT PLAN FOR SPACING REQUIREMENTS, UNLESS SPECIFIC LOCATIONS ARE SHOWN.
	H# = CONTINUOUS ROW OF HORIZONTAL UPLIFT BRIDGING INSTALLED AT FIRST BOTTOM CHORD PANEL POINT, IDENTIFIED ON PLACEMENT PLAN BY H1 - H6 (REFERENCE TYPICAL BRIDGING SPACING DETAIL ON ROOF PLACEMENT PLANS)



#### ROOF JOIST PLACEMENT PLAN

SEQ. #01J

REF. : S3

PROJECT  
NORTH

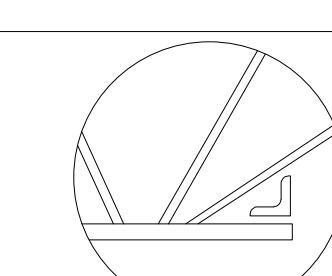
TRUE  
NORTH

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. ALL JOIST BEARING COLUMNS ARE HSS8x8 TYP.
4. FOR JOIST SECTIONS SEE JE4.01.

NET UPLIFT = 25.0 PSF.

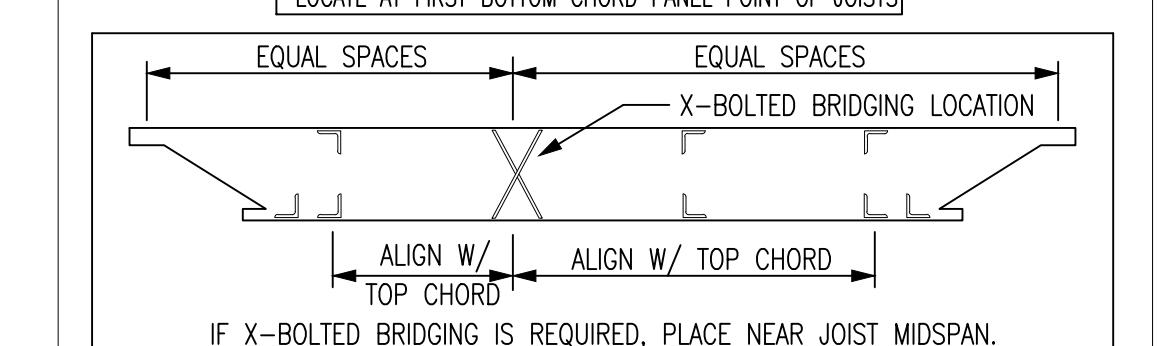
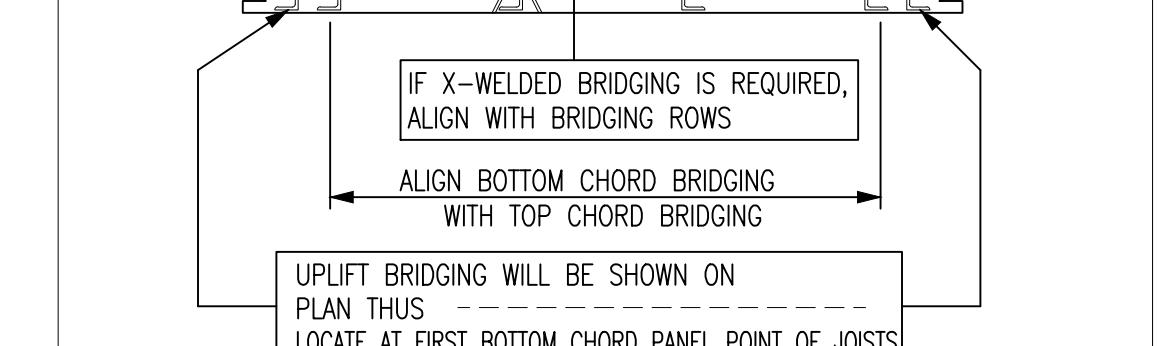
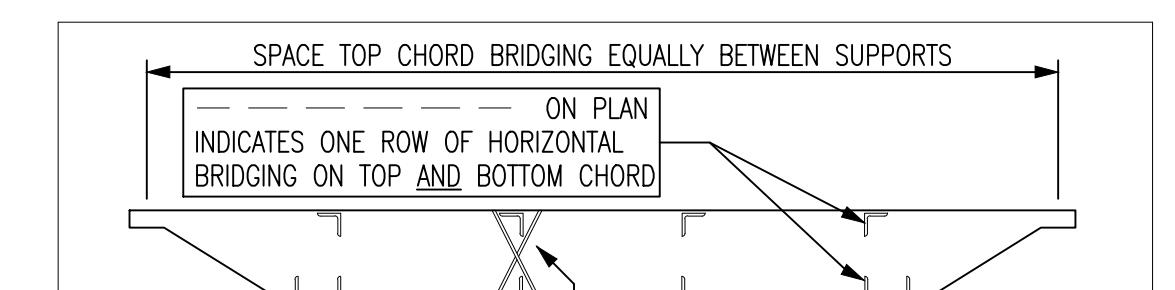
#### ADDITIONAL BRIDGING DUE TO UPLIFT

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

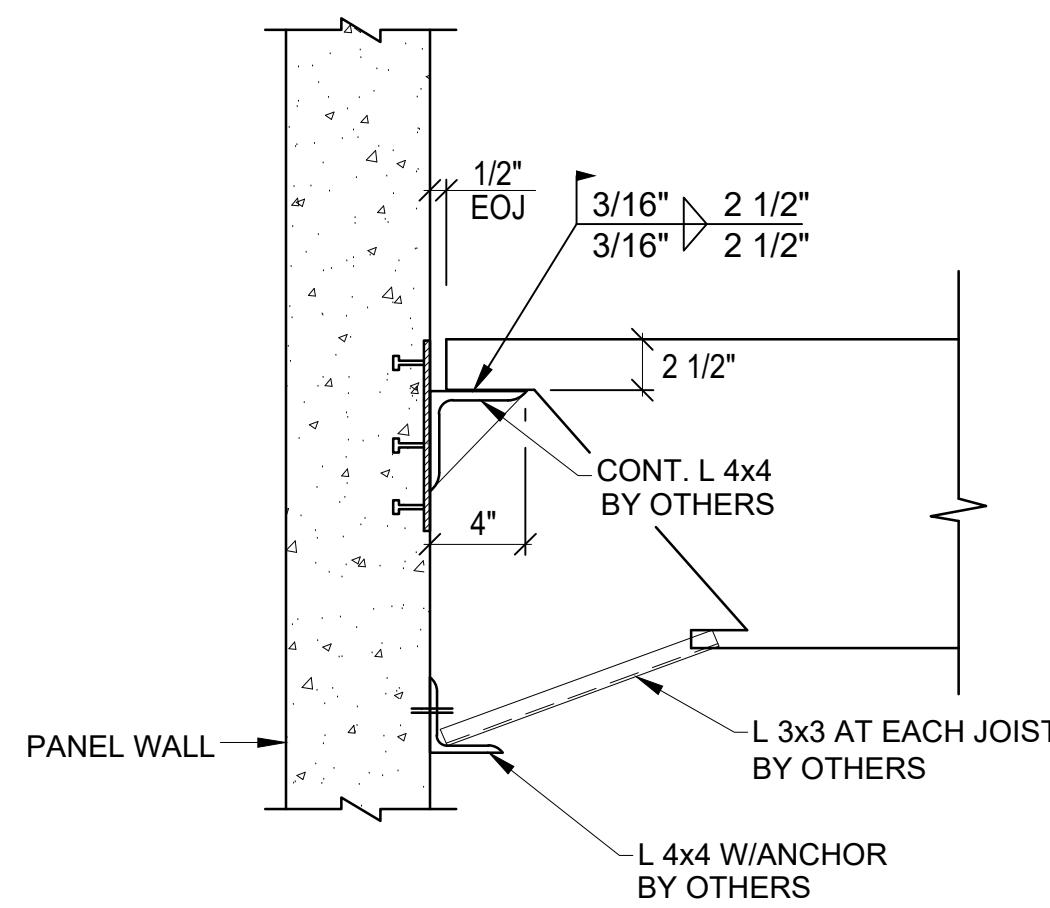
UPLIFT BRIDGING MUST BE LOCATED PER DIMENSIONS (WHEN PROVIDED) SHOWN ON PLAN. BRIDGING MAY BE LOCATED EITHER SIDE OF THE JOIST BOTTOM CHORD PANEL POINTS.



#### TYPICAL BRIDGING SPACING ALIGNED W/UPLIFT

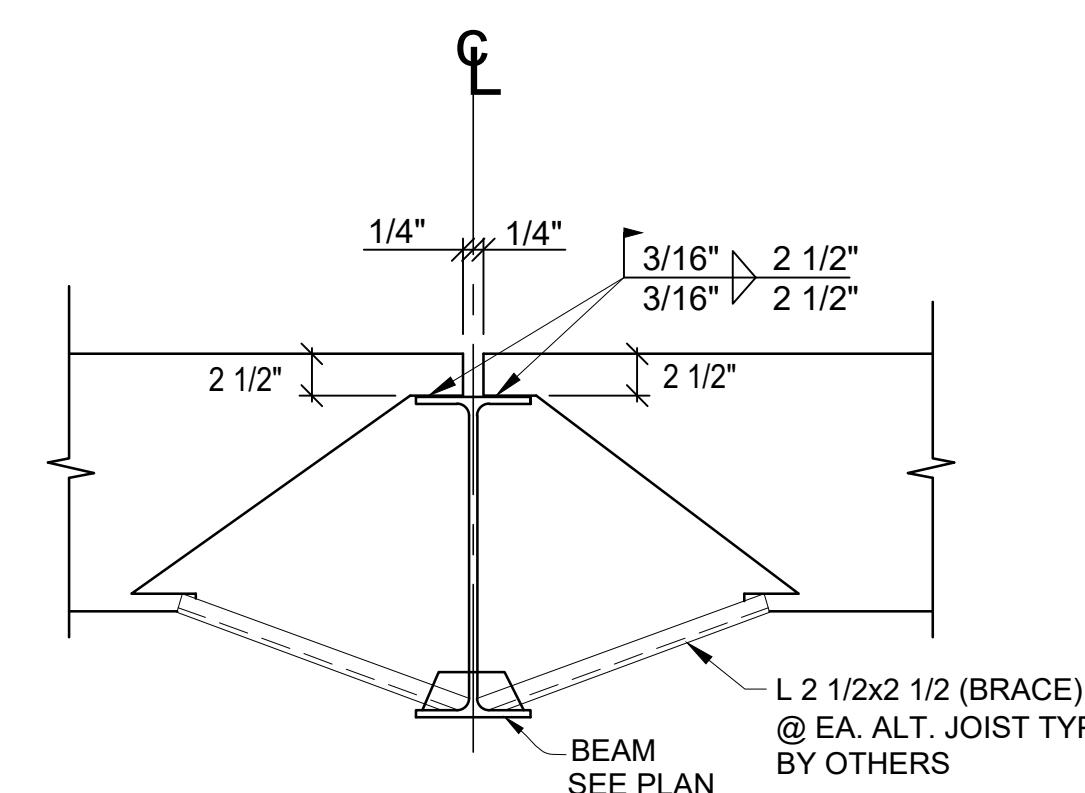
NOTE: BRIDGING ROW QUANTITY'S WILL VARY.  
(SEE JOIST ERECTION PLANS FOR BRIDGING ROW REQUIREMENTS.)

FOR FIELD USE



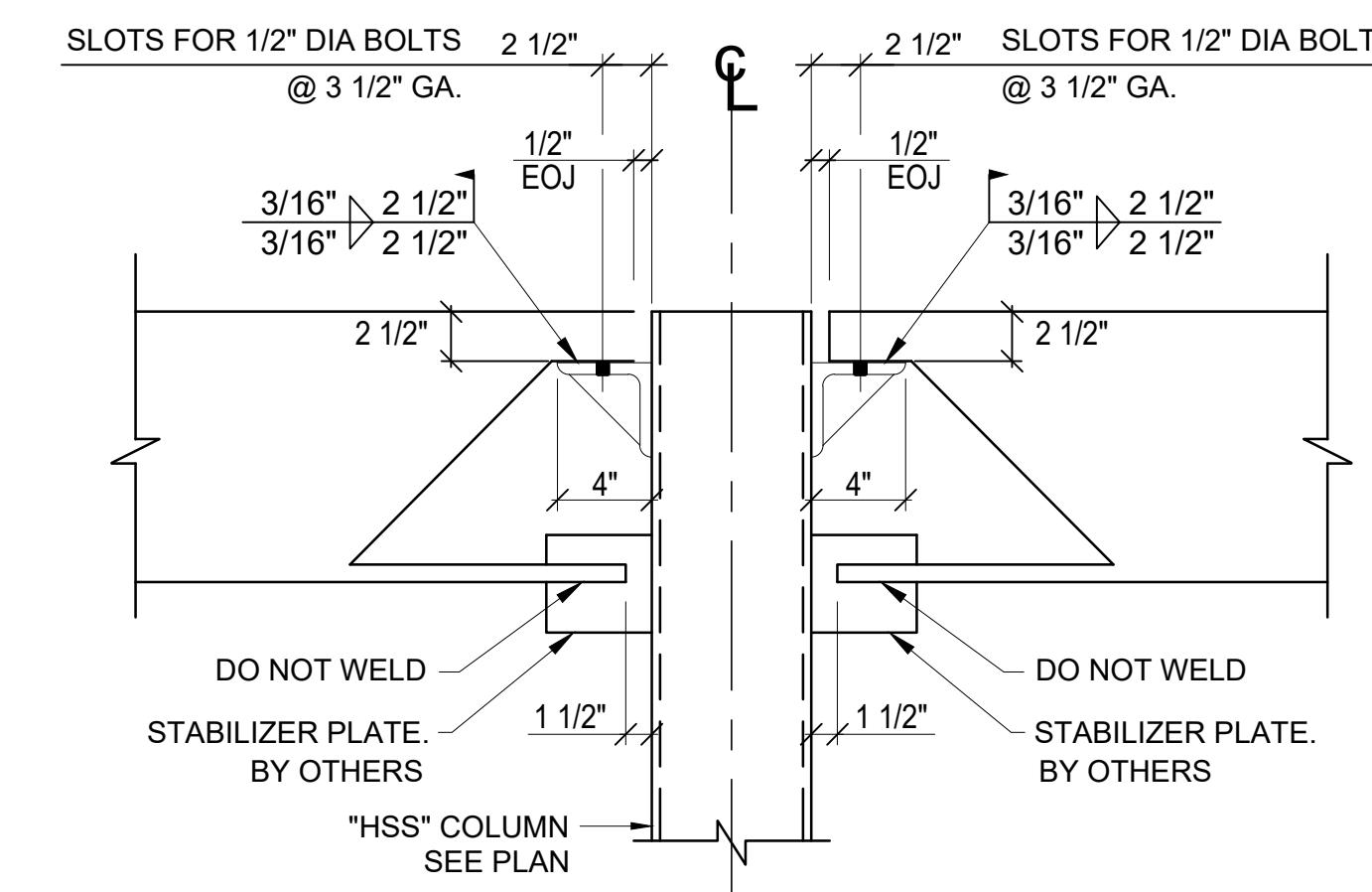
**JOIST SECTION 1**

REF. : 1, 2, 3/S4, 1/S5



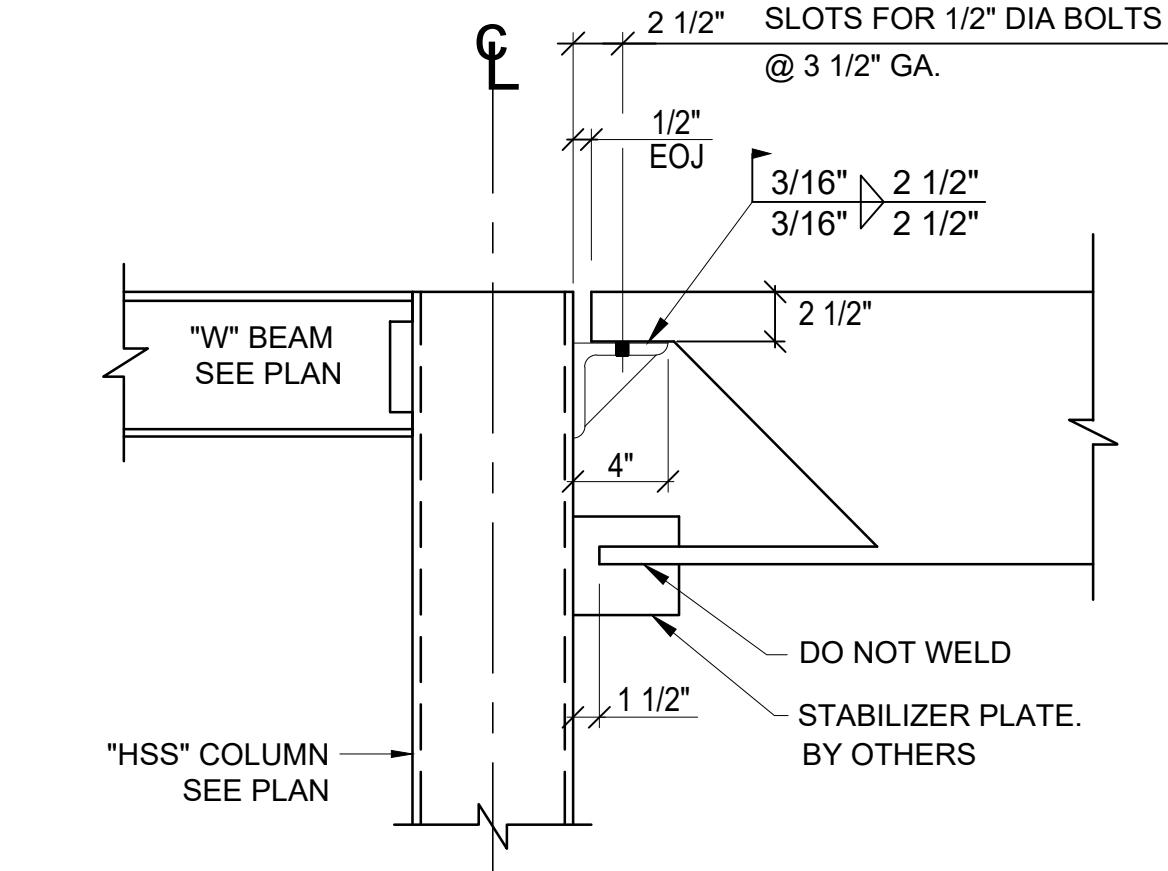
**JOIST SECTION 2**

REF. : 1/S11



**JOIST SECTION 3**

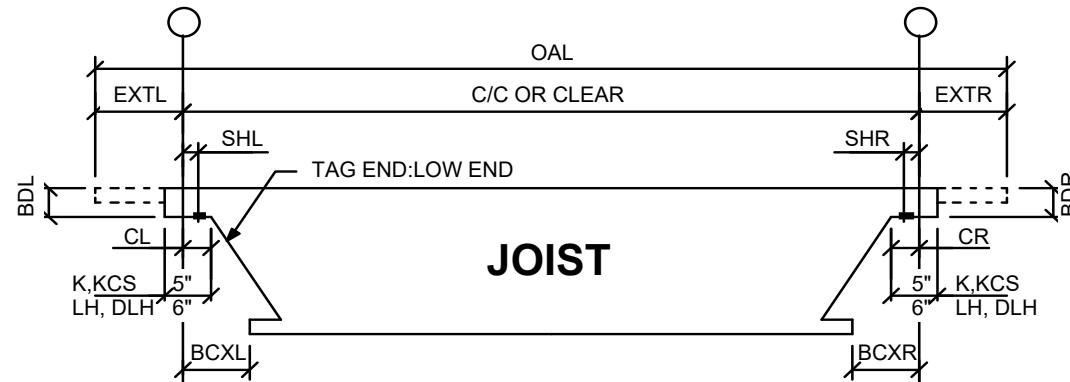
BOLTS BY OTHERS  
REF. : 4/S11



**JOIST SECTION 4**

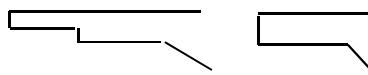
BOLTS BY OTHERS  
REF. : NOT PROVIDED

**FOR FIELD USE**

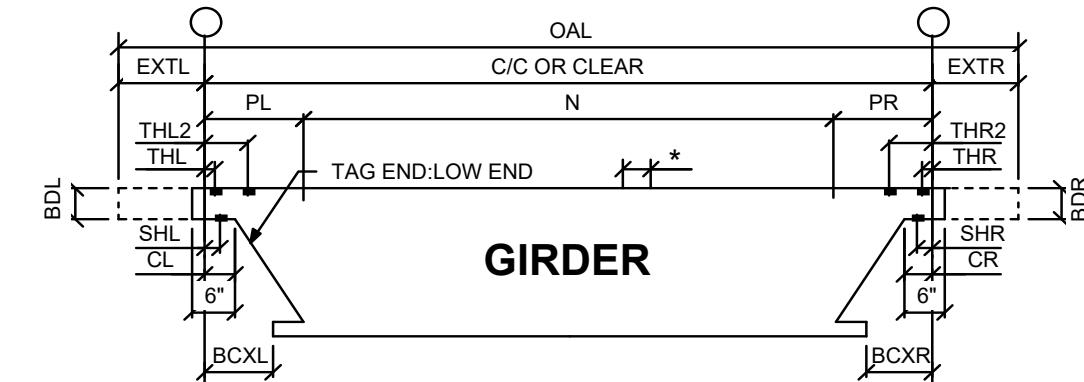


LENGTHS SHOWN ARE IN HORIZONTAL PROJECTION  
DT= Danger Tag (per OSHA)

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



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

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

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

NOTES:		NET UPLIFT: 121 PLF																														
		ASD	<input checked="" type="checkbox"/>	LRFD	<input type="checkbox"/>	FACTORED	<input type="checkbox"/>																									
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																													
34				34	J1	22K4		- 1/2"	36'-0 1/2"	- 1/4"	F	4"	F	5 1/4"	2 1/2"	2 1/2"					35'-11 3/4"	X1, 2										
7				7	J2	22KCS3		- 1/2"	36'-0 1/2"	- 1/4"	F	4"	F	5 1/4"	2 1/2"	2 1/2"					35'-11 3/4"	X1, 2										
7				7	TJ3	22KCS3		- 1/2"	36'-0 1/2"	-4 1/2"	F	4"	F	8"	2 1/2"	2 1/2"		6 1/2"		5 1/2"	35'-7 1/2"	X1, 3 (DT)										
1				1	TJ4	22K4		- 1/2"	36'-0 1/2"	-4 1/2"	F	4"	F	5 1/4"	2 1/2"	2 1/2"		6 1/2"		5 1/2"	35'-7 1/2"	X1, 3 (DT)										
11				11	J5	22K4		- 1/4"	33'-11 3/4"	- 1/2"	F	5 1/4"	F	4"	2 1/2"	2 1/2"					33'-11"	X2, 1										
1				1	TJ6	22K4		-4 1/2"	35'-11"	- 1/2"	F	8"	F	4"	2 1/2"	2 1/2"	6 1/2"		5 1/2"		35'-6"	X1, 3 (DT)										
25				25	J7	22K4		- 1/4"	35'-11"	- 1/2"	F	5 1/4"	F	4"	2 1/2"	2 1/2"					35'-10 1/4"	X1, 1										
3				3	J8	22KCS3		- 1/4"	35'-11"	- 1/2"	F	5 1/4"	F	4"	2 1/2"	2 1/2"					35'-10 1/4"	X1, 1										
1				1	TJ9	22K4		-4 1/2"	33'-11 3/4"	- 1/2"	F	8"	F	4"	2 1/2"	2 1/2"	6 1/2"		5 1/2"		33'-6 3/4"	X2, 3 (DT)										
2				2	TJ10	22KCS3		-4 1/2"	33'-11 3/4"	- 1/2"	F	8"	F	4"	2 1/2"	2 1/2"	6 1/2"		5 1/2"		33'-6 3/4"	X2, 3 (DT)										
2				2	J11	22KCS3		- 1/4"	33'-11 3/4"	- 1/2"	F	5 1/4"	F	4"	2 1/2"	2 1/2"					33'-11"	X2, 1										
94				94	TOTAL QTY				LAST SHOP ORDER YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	PROJECT:	PO#24-3827-SHOPS @ JORDAN BLDG B						PAINT:	GRAY	REV #	DATE:												



															NOTES:			
															TYPE 1    TYPE 2    TYPE 3			
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			
1	2	3	4												1	2	3	4
18				18	100	4		22"		22"	4'-7 1/4"		L1 1/4x1 1/4x0.109		118			
64				64	101	4		22"		22"	4'-8"		L1 1/4x1 1/4x0.109					
72				72	102	4		22"		22"	4'-9 5/8"		L1 1/4x1 1/4x0.109					
18				18	103	4		22"		22"	4'-6"		L1 1/4x1 1/4x0.109					
1				1	001	5		22"		16"	2'-10"		L1 1/4x1 1/4x0.109					
1				1	002								L1 1/4x1 1/4x0.109		SEQUENCE			
1				1	003	5		16"		22"	1'-9 1/4"		L1 1/4x1 1/4x0.109		1	2	3	4
1				1	004													
1				1	005	5		22"		14"	4'-8"		L1 1/4x1 1/4x0.109					
1				1	006													
1				1	007	5		14"		22"	4'-8"		L1 1/4x1 1/4x0.109		SEQUENCE			
1				1	008										1	2	3	4
1				1	009	5		22"		16"	2'-1 3/4"		L1 1/4x1 1/4x0.109					
1				1	010													
1				1	011	5		16"		22"	2'-7 3/4"		L1 1/4x1 1/4x0.109					
1				1	012													
1				1	013	5		22"		16"	4'-9 5/8"		L1 1/4x1 1/4x0.109		SEQUENCE			
1				1	014										1	2	3	4
1				1	015	5		16"		22"	4'-9 5/8"		L1 1/4x1 1/4x0.109					
1				1	016													
188				188	TOTAL QTY		LAST SHOP ORDER	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	PROJECT: PO#24-3827-SHOPS @ JORDAN BLDG B		PAINT: GRAY		REV#		DATE:		

															NOTES:									
NOTE FOR "D1T" USE "+" WHEN "LEFT" IS LOWER THAN "RIGHT" & USE "-" WHEN "RIGHT" IS LOWER THAN "LEFT"																								
SEQUENCE														SEQUENCE				HORIZONTAL BRIDGING						
1	2	3	4	QTY	MARK	TYPE	LEFT MARK	LEFT DEPTH	RIGHT MARK	RIGHT DEPTH	SPACING	DIT = DIFF IN TOP	SIZE	REMARKS	1	2	3	4	QTY	MARK	LENGTH	SIZE	REMARKS	
2				2	017	5		22"		14"	4'-9 5/8"		L1 1 1/4x1 1/4x0.109											
2				2	018																			
1				1	019	5		14"		22"	4'-6"		L1 1 1/4x1 1/4x0.109											
1				1	020																			
8				8	400	1		22"		22"	4'-9 5/8"		L1 1 1/4x1 1/4x0.109											
2				2	800	15		22"		22"	4'-0"		L1 1 1/4x1 1/4x0.109			SEQUENCE				BRIDGING ANCHOR CLIPS				
4				4	801	15		22"		22"	3'-9 7/8"		L1 1 1/4x1 1/4x0.109		1	2	3	4	QTY	MARK	LENGTH	SIZE	REMARKS	
2				2	802	15		22"		22"	3'-4 7/8"		L1 1 1/4x1 1/4x0.109											
																SEQUENCE				GIRDER KNEE BRACE / LOOSE BOTTOM CHORD				
															1	2	3	4	QTY	MARK	LENGTH	SIZE	GIRDER DEPTH	
																						JOIST DEPTH		
																						SEAT DEPTH		
																SEQUENCE				BOLT/NUT/WASHER				
															1	2	3	4	QTY	SIZE	1	2	BOLT/NUT/WASHER	
																						SIZE		
22				22	TOTAL QTY	LAST SHOP ORDER	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	PROJECT:	PO#24-3827-SHOPS @ JORDAN BLDG B				PAINT:	GRAY				REV#			DATE:



### JOIST ERECTION NOTES

REFER TO THE STEEL JOIST INSTITUTES (SJI) SPECIFICATIONS AND ITS TECHNICAL DIGEST (TD) 9

#### GC / ERECTOR NOTE:

DO NOT ERECT STEEL JOISTS WITHOUT OBTAINING A COPY AND THOROUGHLY READING THE SJI TD HANDLING AND ERECTION OF STEEL JOISTS AND JOIST GIRDERS. SERIOUS INJURY OR DEATH CAN RESULT FROM FAILURE TO FAMILIARIZE AND COMPLY WITH ALL APPLICABLE SAFETY REQUIREMENTS OF FEDERAL, STATE, AND LOCAL REGULATIONS AND THE SAFETY GUIDELINES OUTLINED IN THE SJI TD 9. THIS MANUAL IS INTENDED TO BE AN AID AND GENERAL GUIDE FOR THE SAFE AND PROPER ERECTION OF STEEL JOIST PRODUCTS.

SJI TD 9 IS AVAILABLE FROM:  
STEEL JOIST INSTITUTE PHONE: 843-407-4091  
234 W. CHEVES STREET FAX: 843-407-4044  
FLORENCE, SC 29301 WEB: WWW.STEEL-JOIST.ORG

#### JOIST DELIVERY AND UNLOADING:

1. VERIFY QUANTITIES AND CONDITION OF JOISTS AND JOIST ACCESSORIES UPON ARRIVAL. INFO JOIST MANUFACTURER IMMEDIATELY OF ANY SHIPPAGE DISCREPANCIES OR DAMAGE.
2. THE MATERIAL LISTED ON THE PLAN ARE THE ONLY ITEMS BEING SUPPLIED.
3. WHEN UNLOADING JOISTS BY CRANE, ALWAYS HOIST JOISTS BY TOP OR BOTTOM CHORD POINTS (NOT BY WEB MEMBERS). AT OR NEAR 1/3 POINTS.
4. IF NOT ERECTED IMMEDIATELY, STORE JOISTS AND JOIST ACCESSORIES OFF THE GROUND AND KEEP THEM COVERED TO PROTECT THE PRIMER COATING.

#### JOIST INSTALLATION:

5. FOLLOW ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) FEDERAL REGISTER SUBPART R 1926. IMMEDIATELY AFTER JOIST IS SET, ATTACH JOIST TO SUPPORTS AS REQUIRED BY SJI AND OSHA. AS BRIDGING IS INSTALLED, REMOVE SWEEP IN THE JOIST AND CORRECT ANY VERTICAL MISALIGNMENT. ONCE THE BRIDGING IS INSTALLED, ATTACH JOISTS TO SUPPORTS PER FINAL ERECTION DRAWINGS.

6. ONLY DRAWINGS HAVING A "FIELD USE" STAMP SHALL BE USED FOR ERECTION.

7. REFER TO THE ERECTION DRAWINGS FOR JOIST AND JOIST GIRDER END ANCHORAGE DETAILS. JOIST GIRDERS AND ACCESSORIES SHALL BE ATTACHED TO STEEL SUPPORTS WITH A MINIMUM OF:

K-SERIES JOISTS - THE EQUIVALENT OF TWO 1/8" FILLET WELDS (W) 2 1/2" LONG (L), AND BOLTED WITH TWO 3/8" A307 BOLTS WHERE SLOTS ARE INDICATED IN SECTION.

LH-SERIES JOISTS, SECTION NUMBERS 02 THRU 06 - THE EQUIVALENT OF TWO 3/16"

FILLET WELDS (W) 2 1/2" LONG (L), AND BOLTED WITH TWO 3/4" A307 BOLTS WHERE SLOTS ARE INDICATED IN SECTION.

DH-SERIES & DLH-SERIES JOISTS, SECTION NUMBERS 07 THRU 17 - THE EQUIVALENT

OF TWO 1/4" FILLET WELDS (W) 2 1/2" LONG (L), AND BOLTED WITH TWO 3/4" A307

BOLTS WHERE SLOTS ARE INDICATED IN SECTION.

DH-SERIES JOISTS, SECTION NUMBERS 18 THRU 25 - THE EQUIVALENT OF TWO 1/4"

PILLET WELDS (W) 4" LONG (L), AND BOLTED WITH TWO 3/4" A325 BOLTS WHERE SLOTS

ARE INDICATED IN SECTION.

JOIST GIRDERS - THE EQUIVALENT OF TWO 1/4" FILLET WELDS (W) 2 1/2" LONG (L),

AND BOLTED WITH TWO 3/4" A325 BOLTS WHERE SLOTS ARE INDICATED IN SECTION.

BRIDGING - THE EQUIVALENT OF A 1/8" FILLET WELD (W) 1" LONG (L), WITH THE EXCEPTION

OF BOLTING, FOR K-SERIES JOISTS.

THE EQUIVALENT OF A 1/8" FILLET WELD (W) 1" LONG (L), WITH THE EXCEPTION OF BOLTING,

FOR LH-SERIES JOISTS, SECTION NUMBERS 02 THRU 06.

THE EQUIVALENT OF A 1/8" FILLET WELD (W) 2 1/2" LONG (L), WITH THE EXCEPTION OF

BOLTING, FOR DLH-SERIES JOISTS, SECTION NUMBERS 07 THRU 17.

THE EQUIVALENT OF A 1/8" FILLET WELD (W) 1 1/2" LONG (L), WITH THE EXCEPTION OF

BOLTING, FOR DH-SERIES JOISTS, SECTION NUMBERS 18 THRU 25.

\* = SAME AS BRACE ANGLE THICKNESS. \*\* = SAME AS BRACE ANGLE LEG LENGTH.

DO NOT WELD BRACE TO JOIST GIRDER UNTIL ALL DEAD LOAD HAS BEEN APPLIED.

KEY:

8. ALL STEEL BEARING JOISTS IN BAYS 40'-0" AND MORE, ARE TO BE BOLTED TO SUPPORTS PER

OSHA, UNLESS JOISTS ARE PRE-ASSEMBLED INTO PANELS.

9. ACCORDING TO SJI, BEARING PLATES SHALL BE LOCATED NO MORE THAN 1/2" FROM THE FACE

OF MASONRY OR CONCRETE SUPPORTS. REFERENCE SJI SPECIFICATIONS FOR MINIMUM BEARING

PLATE WIDTHS.

10. UNBRIDGED JOISTS MAY EXHIBIT SOME DEGREE OF INSTABILITY UNDER THE ERECTOR'S WEIGHT.

THEREFORE, EXTREME CAUTION MUST BE EXERCISED. WHEN IT IS NECESSARY FOR THE

ERECTOR TO CLIMB ON THE JOIST, REFER TO SJI AND OSHA REQUIREMENTS.

11. TURN THOSE JOISTS WHICH ARE TURNED IN A BAY, WITH THE JOIST GIRDER ENDS

PERMANENTLY ATTACHED, BEFORE APPLYING CONSTRUCTION LOADS TO JOIST.

12. ADEQUATE MEANS FOR DISTRIBUTING CONCENTRATED LOADS SHOULD BE PROVIDED SO THAT

CAPACITY OF ANY JOIST IS NOT EXCEEDED.

13. JOIST CHORDS ARE NOT DESIGNED FOR BENDING DUE TO CONCENTRATED LOADS, UNO ON

PLANS. EITHER PLACE LOADS AT JOIST PANEL POINTS OR SEE THE "FIELD INSTALLED WEB

MEMBERS AT CONCENTRATED LOADS" DETAIL.

O'DONNELL GENERAL NOTES:

14. NIC - NOT IN CONTRACT. UNO - UNLESS NOTED OTHERWISE.

15. TYPICAL PRIMER COATING, UNO ON PLANS.

STD. SHOP COAT GRAY PRIMER FOR ALL JOISTS, JOIST GIRDERS & JOIST ACCESSORIES.

SHOP PRIMER COMPLIES WITH SSPC-PAINT 15 AND FS TI-P 636.

NOTE: SHOP PRIMER COATING IS NOT UNIFORM AND REQUIRE

REMOVAL OF CALCULATIONS BEFORE FINISH COAT IS APPLIED.

16. WELDED HORIZONTAL BRIDGING IS SUPPLIED IN 25'-0" LENGTHS. FIELD CUT WELDED

HORIZONTAL BRIDGING AS REQUIRED AND UTILIZE ALL DROP.

NOTE: WELDED BRIDGING IS TO BE EQUALLY SPACED BETWEEN SUPPORTS, UNO ON PLANS.

DECK MUST BE POSITIVELY ATTACHED TO JOIST TOP CHORDS IN ACCORDANCE WITH DECK

FASTENING REQUIREMENTS, TO PROVIDE LATERAL STABILITY, UNO ON PLANS.

17. JOISTS MARRED TJ. INDICATES TIE-JOISTS. THESE JOISTS ARE NOT DESIGNED TO SATISFY

OSHA 29 CFR 1926.757 (o)(3). REFER TO "DANGER" TAG ON JOIST FOR ERECTION

REQUIREMENTS.

18. DO NOT CUT AWAY ANY CHORDS OR WEBS.

19. PRODUCTS ARE FABRICATED TO MEET THE ERECTION REQUIREMENTS OF OSHA. FIELD

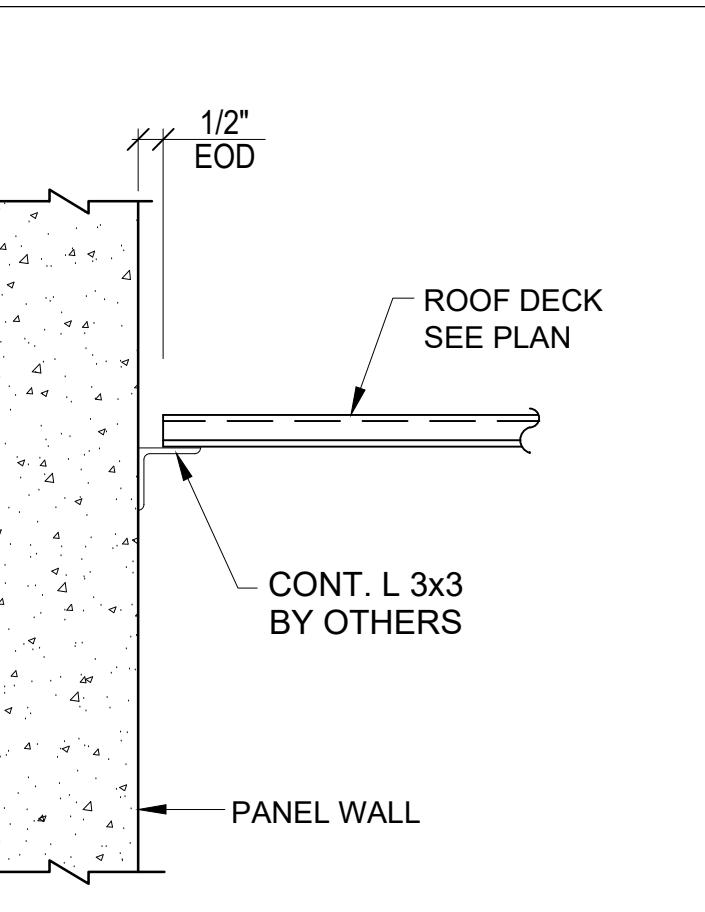
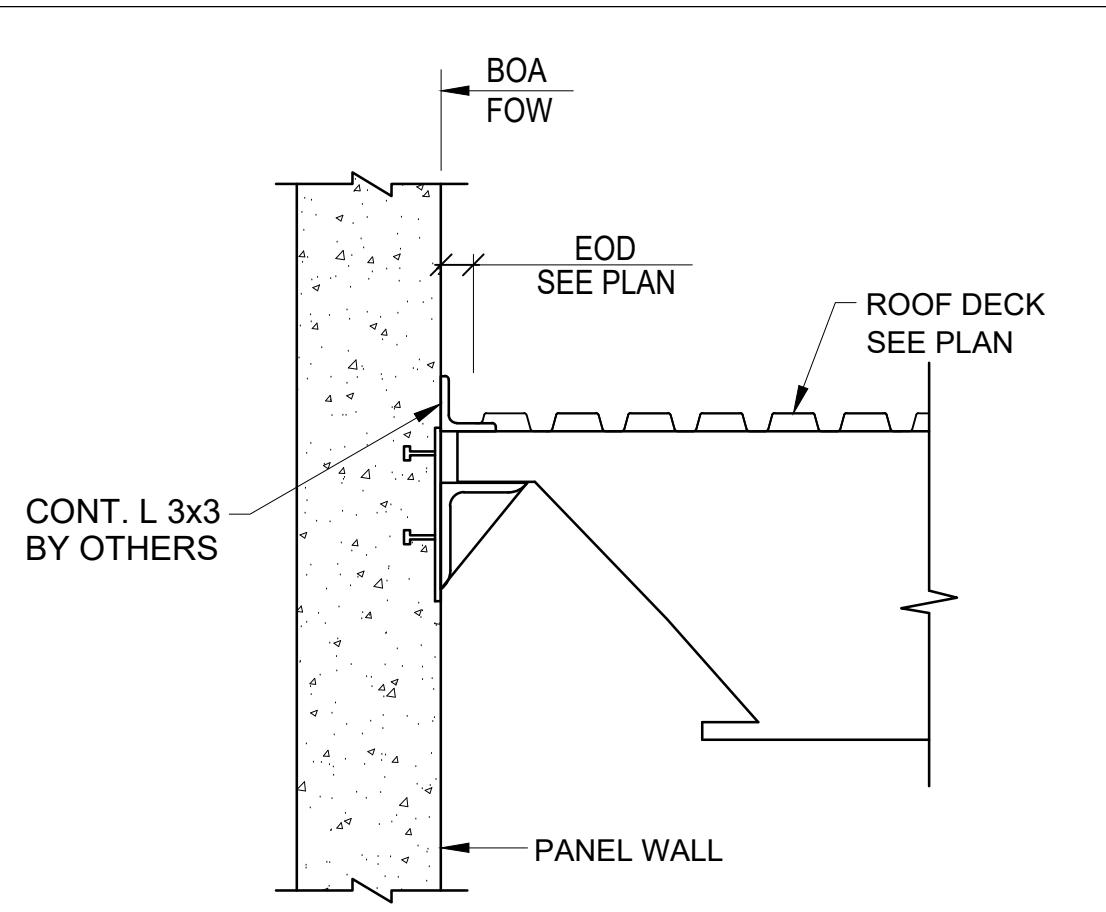
COMPLIANCE WITH OSHA IS NECESSARY.

CONTRACT NOTE:

O'DONNELL WILL NOT ACCEPT THE RESPONSIBILITY OR CHARGES FOR ANY FIELD CORRECTIONS MADE

WITHOUT PRIOR O'DONNELL APPROVAL.

FOR FIELD USE

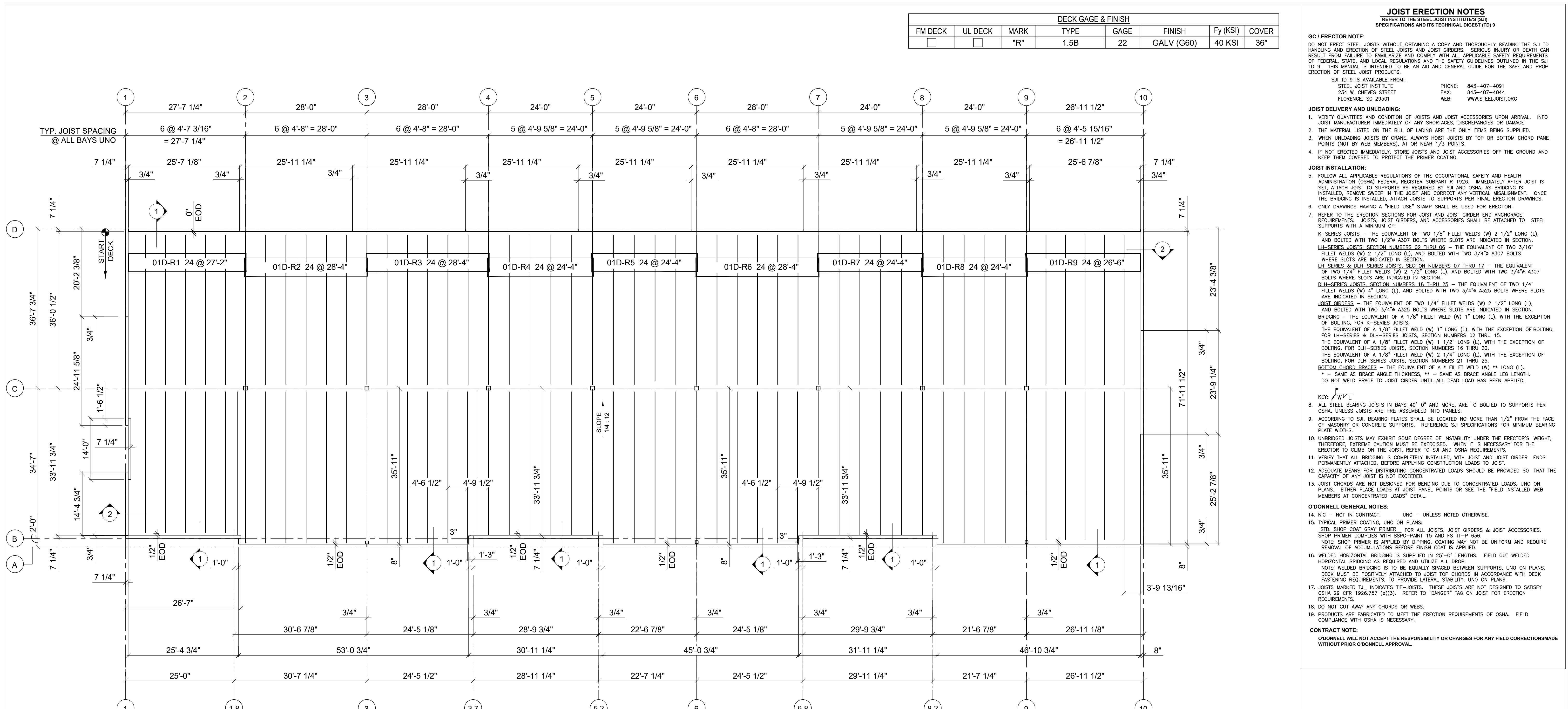


## DECK SECTION 1

REF.: 1, 2, 3/S4, 1/S5

## DECK SECTION 2

REF.: 1/S7, 2/S5, 1/S6



### ROOF DECK LAYOUT PLAN

SEQ. #01D

REF. : S3

PROJECT  
NORTH

TRUE  
NORTH

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

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

ERECTOR NOTE:  
DECK TO BE FIELD CUT  
AS REQUIRE @ ROOF  
HATCH & OPENING AREA.

**DESIGN METHOD**

ASD:  LRF:  FACTORED:

**DECK SHEET LEGEND**

BUNDLE NUMBER  
SHEET QUANTITY  
SHEET LENGTH  
15-X10 40 @ 20'-10" DECK BOX  
OR 15-X10 40 @ 20'-10" DECK ARROW  
DECK TYPE LETTER  
DIVISION/SEQUENCE

**DECK FASTENER SCHEDULE**

FASTENER PATTERN at SUPPORT:

36/7 PATTERN

GENERAL NOTES:  
ALLOWABLE CARRIAGE FOR BRIDGING ACTION IS IN ACCORDANCE TO SJI PUBLICATION: "HANDBOOK OF DESIGN DATA FOR THE CASE OF MECHANICAL PARTS". THE ERECTOR 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 MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.

BUILDING ZONE	PATTERN @ INTERSECTION SUPPORT	PATTERN @ INTEGRAL SUPPORT	FASTENER TYPE @ SUPPORT	SIDELAP FASTENER
ROOF	36/7	6" O.C.	5/8" Ø PUDLE WELDS	#10 TEK SCREWS @ 36" O.C.

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)

FOR FIELD USE

## **BILL OF MATERIALS**

<b>List For</b>	FABRICATION		
<b>JOB-ID</b>	23-14306	<b>SEQ#</b>	01D
<b>Job Name</b>	PO#24-3827 - SHOPS @ JORDAN BLDG B		
<b>Remarks</b>	KSI VALUE - 40KSI (MIN.) REQUIRED		

**DECK BOM**

Type	<b>1.5" B</b>	GA	<b>22</b>	FINISH	<b>G-60</b>	Top Clr		Cover	<b>36</b>	SQS	<b>169.92</b>
						Bot Clr					

Top Clr  
Bot Clr

Cover 36

3,000

**#12-24 x 1 1/4-in.  
Weld Washers | 14ga. 5/8-in.**

## **ACCESSORY TYPES**

