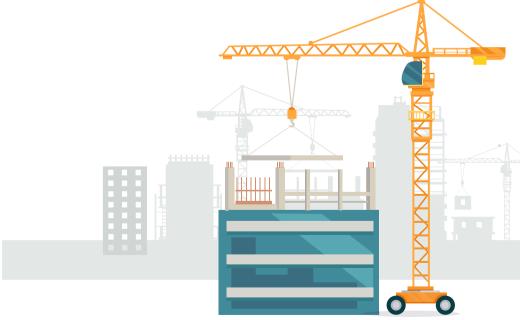
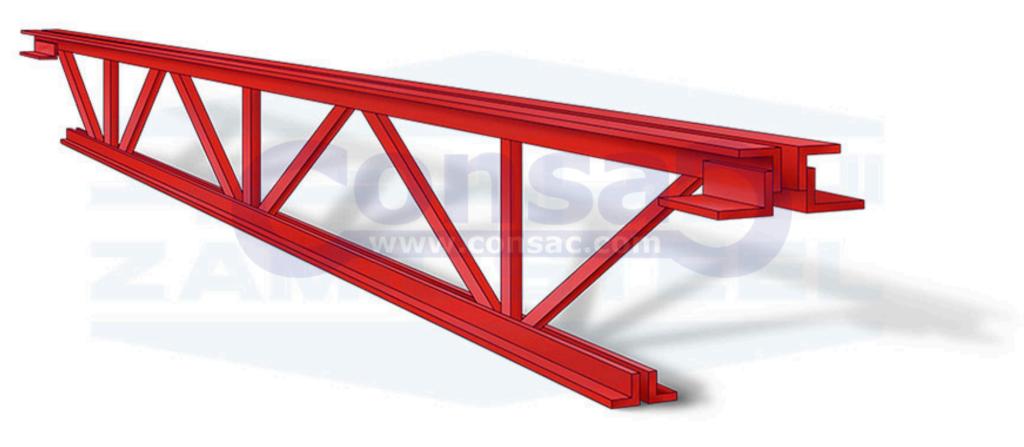


JOIST & DECK DETAILING













WE HELP BUSINESSES LIKE YOURS SAVE MONEY THROUGH STREAMLINING SERVICES. WE HAVE IN-DEPTH KNOWLEDGE OF THE WORKS BELOW. OUR QUALITY OF WORK, MOST COMPETITIVE PRICING. AND LEAD TIME WILL SURELY IMPRESS YOU.

- DETAIL ANY TYPE OF JOISTS SUCH AS K, LH, DLH-SERIES, SPECIAL JOISTS (SINGLE PITCHED, DOUBLE PITCHED, SCISSOR JOIST, BOWSTRING JOIST, ETC.), AND GIRDER.
- DETAIL ANY TYPE OF COMPOSITE DECK, FORM DECK & ROOF DECK.
- DETAIL WOODNAILER PROJECTS.



JOIST DETAILING:

- K-Series
- DLH-Series
- LH-Serie
- Single, Double, Parallel, One Way and Two Way Pitched Cords

STEEL DECK DETAILING:

- Design and Layout
- Connection Details
- Cross-Sectional Drawings
- Reinforcement and Accessories
- Edge and End Details
- Camber and Slope
- Fireproofing and Acoustic Considerations
- Coordination with Other Trades
- Compliance with Codes and Stand ards







SHEAR STUD LAYOUT:

- Composite Action
- Design Requirements
- Shear Stud Types
- Spacing and Arrangement
- Welding Details
- Code Compliance
- Construction Tolerances

WOODNAILER JOIST DETAILING:

- Composite Action
- Design Requirements
- Shear Stud Types
- Spacing and Arrangement
- Welding Details
- Code Compliance
- Construction Tolerances







JOIST AND DECK ESTIMATION:

- Composite Action
- Design Requirements
- Shear Stud Types
- Spacing and Arrangement
- Welding Details
- Code Compliance
- Construction Tolerances





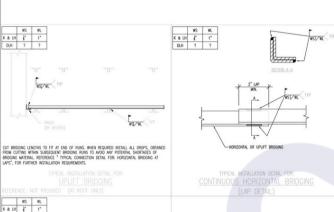
	DRAWING INDEX
SHEET.#	DWG. NAME
J1	JOIST COVER - TITLE PAGE
J2	ROOF JOIST ERECTION PLAN
J3	ROOF JOIST ERECTION PLAN
J4	JOIST SECTIONS

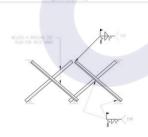
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FIELD CUT VERTICAL LEG
 OF BRIDGING ANGLE AT JOI
 IN ORDER TO BEND ANGLE
 TO SHALLOWER MEMBER

REFERENCE: NOT PROVIDED (AT ROOF ONLY)

CUT BROGING LENGTHS TO FIT AT END OF RUNS. WHEN REQUIRED INSTALL ALL DROPS, OBTAINED FROM CUTTING WITHEN SUBSEQUENT BROGING RUNS TO AUDO ANY POTENTIAL SHORTAGES OF BROGING MATERIAL REFERENCE "TYPICAL CONNECTION DETAIL FOR HORIZONTAL BROGING AT LAPS", FOR FURTHER INSTALLATION REQUIREMENTS.

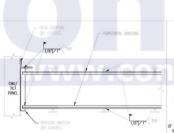




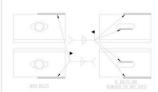


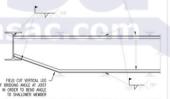
REFERENCE: NOT PROVIDED KEY NOTE K-SERIES LH SERIES DLH-SERIES CJ SERIES SEAT CJ SERIES SEAT JOIST

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	* (B)	6"	6"	9"	9"	6"	9"	9"	
	SUPPORT WIDT	HS SPECIFIED O	IN THIS DETAIL. OF JOIST BEAF 1/2" MAXIMUM PER	THEREFORE, IT	IS RECOMMENDE TO CONFIRM BEI				SEAT DEPTH
JOIST TOP CHORD EXTENSION WHEN REQUIRED. HE SITEL BEARING PLATE SHA E LOCALID NOT MORE HAN DE FROM THE FACE OF WALL SHALL NOT BE LESS THAN I MIDD FERSON HER FACE OF WALL LENGTH OF THE JOY	CMU TILI PANE		- END WEB MEI (MAY VARY FI	MBER ROM WHAT IS SI	PERPI LEW HOWN)		1	END WEB (MAY VAR	MEMBER Y FROM WHAT IS SHOWN)

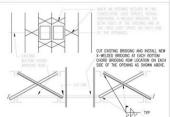


CUT BROCKING LENGTHS TO FIT AT END OF RUNS. WHEN REQUIRED INSTALL ALL DROPS, OBTAINED FROM CUTTING WITHIN SUBSEQUENT BROCKING RUNS TO AVOID ANY POTENTIAL SHORTACES OF BROCKING MATERIAL REFERENCE. "TYPICAL CONNECTION DETAIL FOR HORIZONTAL BROCKING AT LAPS," FOR FURRHER INSTALLATION REQUIREMENTS.





CUT BRIDGING LENGTHS TO FIT AT END OF RUNS. WHEN REQUIRED INSTALL ALL DROPS, OBTAINED FROM CUTTING WITHIN SUBSEQUENT BRIDGING RUNS TO AVOID ANY POTENTIAL SHORTAGES OF BRIDGING MITERIAL REFERENCE. "PHPCIAL CONNECTION DETAIL, FOR HORIZONIAL BRIDGING AT LAPS" FOR FURTHER INSTALLATION RECUIREMENTS



THE SELL APPLES WAS PROJUCKE DECEDIO DRISE OF JOST SERVICES WITH THE REVISITION OF THE PROJUCKE SERVICE SERVICE OF THE RESISTANCE OF THE R

JOIST ERECTION NOTES

CC / EDECTOD NOTE.

GC PERCECTOR NOTE:

DO NOT DEEDT SELE, JOSTS WITHOUT OBTAINING A COPY AND THOROUGHLY PEADING THE S.B. TO 9 HADDING AND DECETION OF STEEL, JOSTS AND JOST GRODES, SERVICE SHUPEY OR DIGHT CAN OFF FEDERAL, SINTA, AND LOCAL REQUIRED AND SERVICE SHUPEY OR DIGHT CAN THE SAFE AND THOROUGH AND THE SAFE AND PROPER RECEIVED AND STEEL JOST PROPER SECTION OF SECTION OF SECTION OF SECTION OF SECTION OF S

SJ TD 9 IS AVAILABLE FROM: STEEL JOIST INSTITUTE 234 W. CHEVES STREET FLORENCE, SC 29501

PHONE: 843-407-4091 FAX: 843-407-4044 WEB: WWW.STEELJOIST.ORG

JOIST DELIVERY AND UNLOADING:

JOIST DELIVERY AND UNLOADING:

1. YEBPT QUANTIFES AND CONDITION OF JOISTS AND JOIST ACCESSORES UPON ARRIVAL.

NOT MANUFACTURER MADDATELY OF ANY SHORMAGES, DESCREAMINGS OR DAMAGE.

7. THE MADDIAL USED ON THE BLILD OF JADON ARE THE ONLY TEMBLE BEING SUPPLID.

3. HEND MIQLADING JOISTS BY CRAME, ALMRYS MOST JOISTS BY TOP OR BOTTOM CHOSO PANEL

POINTS (MOT BY MED MADRIESS, AS ON INAR 1/3 DOWNS OF THE OWNER AND THE OWNER OF THE OWNER OF THE OWNER OWNER

4. IF NOT ERECTED IMMEDIATELY, STORE JOISTS AND JOIST ACCESSORIES OFF THE GROUND AND KEDP THEM COVERED TO PROTECT THE PRIMER COATING.

XXDP THE COVERED TO PROTECT THE PRIMER CAPADIDATE. SHEETY ARE HEALTH

5. FORCE AND ADMINISTRATION OF THE COCCANDIDATE SHEETY ARE HEALTH

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6. CANCEL

REFER TO THE ERECTION SECTIONS FOR JOIST AND JOIST GROPE BID ANCHORAGE REQUIREMENTS. JOISTS, JOIST GROPER, AND ACCESSORIES SHALL BE ATTACHED TO STEEL SUPPORTS WITH A MINIMUM OF:

SUPPORTS WITH A MINIMUM OF:

KE-SERES_MOSTS — THE EDIMENENT OF TWO 1/8" FILLET WELDS (W) 2 1/2" LONG (L),

AND BOLTED WITH TWO 1/2" A ADD BOLTS WHERE SLOTS ARE INDICATED IN SECTION,

HI—SERES_MOSTS. SECTION NUMBERS OF THEM LOS — THE EDIMENENT OF TWO 3/1"6"

FILLET WILDS (W) 2 1/2" LONG (L), AND BOLTED WITH TWO 3/4"8 A307 BOLTS

WHERE SLOTS ARE INDICATED IN SECTION.

MINIME SLUTS ARE INDICATED IN SECTION.

LIM-SERIES & DLIM-SERIES JOSTS, SECTION NUMBERS O7 THRU 17 — THE COUNALINT
OF TWO 1/4" PILLET WILLDS (W) 2 1/2" LONG (I.), AND BOLTED WITH TWO 3/4"# A307
BOLTS WHERE SLOTS ARE INDICATED IN SECTION.

LI-LIGHTS, A, DILL-EDRIS, JOSTS, SCOTON, MANIESTER, O.T. HIBM, 17. THE COMMADN TO BE SECTION WHITE DOCK ARE RECORDED TO RECORD. AND RECORD WITH THE O JA'A ADD SECTION WHITE DOCK ARE RECORDED TO RECORD. AND RECORD WITH THE O JA'A ADD SECTION WHITE DOCK ARE RECORDED TO THE O JA'A ADD SECTION WHITE DOCK ARE RECORDED TO THE O JA'A ADD SECTION WHITE DOCK ARE RECORDED TO RECORD WITH DOCK ARE RECORDED TO THE O JA'A ADD SECTION WHITE DOCK ARE RECORDED TO RECORDED TO A JA'A ADD SECTION WHITE DOCK ARE RECORDED TO RECORDED TO A JA'A ADD SECTION WHITE DOCK ARE DOCK ARE RECORDED TO RECORDED TO A JA'A THEIR WILLD (NO. 10). AND THE DESCRIPTION OF BOLTON, OF BUILDING A JA'A THEIR WILLD (NO. 11). AND THE DESCRIPTION OF BUILDING, THE COMMADD OF A JA'A THEIR WILLD (NO. 11). AND THE DESCRIPTION OF BUILDING, THE COMMADD TO A JA'A THEIR WILLD (NO. 11). AND THE DESCRIPTION OF BUILDING, THE DOCK ARE SECTION OF THE DOCK AND THE DOCK ARE DOCK AND THE DO

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8. ACCOUNTED TO ALL REPORTS SHAPPORTS STETEMENT SHE SECRETARING FOR MANAMASE BEARD PLATE WORTH.

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DISCIPLINE TO CLAME ON THE VOIST, RETER TO SAI AND GRAM REQUIREMENTS.

11. VERRY THAT LA BRORGING IS COMPLETELY INSTALLED, WITH JOST SHOT JOST GROEF ENDS
PERMANENTLY ATTACHED, RETORE APPLIEND CONSTRUCTION LONGS TO JOST.

12. ADEQUATE MEMIS FOR DISTRIBUTING CONCENTRATED LONGS SHOULD BE PROVIDED SO THAT THE
CARACTER OF ARY JOST IS NOT EXCEEDED.

13. JOST CHORDS ARE NOT DESCRIBED FOR BENDING DUE TO CONCENTRATED LONDS, UND ON PLANS. EITHER PLACE LONDS AT JOST PANEL POINTS OR SEE THE "FIELD INSTALLED WEB MEMBERS AT CONCENTRATED LOADS" DETAIL.

O'DONNELL GENERAL NOTES:

DONNELL GENERAL NOTES:

NO. — NOT IN CONTRECT.

LYPICAL PROMEE CONTROL.

LYPICAL PROMEE S. JOST ACCESSORES.

HOTE: SHOP PROMEE IS APPILED BY DOPPINE. CONTROL MAY NOT BE LIMPTORM AND REQUIRE REMOVANC. OF ACCURALINATIONS BETTOR FROME CONT. AS PROMEED CONTROL MAY NOT BE LIMPTORM AND REQUIRE REMOVANC. OF ACCURALINATIONS BETTOR FROME CONT. AS PROMEED CONTROL PROME CONTROL PROMEED CONTROL

RIMOWAL OF ACCUMULATIONS BEFORE FINANT COAT IS APPLIED.

WILDED HOREOVITAL BRODON IS STEPPLIED IN 25"-OF LIBERTISE, FIELD CUT WELDED HORZONIAL BRODONIC AS REQUIRED AND URLUZE ALL DROP.

NOTE: WILDED BRODONIS IS TO BE COUNLET SPACED BETWEEN SUPPORTS, UND ON PLANS. DICK MUST BE POSITINGLY ATTACHED TO JOIST TOP CHORDS IN ACCORDANCE WITH DECK FISSTIMON REQUIREMENTS, TO PROVIDE LATERAL STREAMT, MOR ON PLANS.

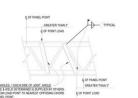
JOSTS MARKED TJ., INDICATES TE-JOSTS. THESE JOSTS ARE NOT DESIGNED TO SATISFY OSHA 29 CFR 1926.757 (a)(3). REFER TO "DANGER" TAG ON JOIST FOR ERECTION REQUIREMENTS.

IB. DO NOT CUT AWAY ANY CHORDS OR WEBS.

PRODUCTS ARE FABRICATED TO MEET THE ERECTION REQUIREMENTS OF OSHA. FIELD COMPLIANCE WITH OSHA IS NECESSARY.

CONTRACT NOTE:

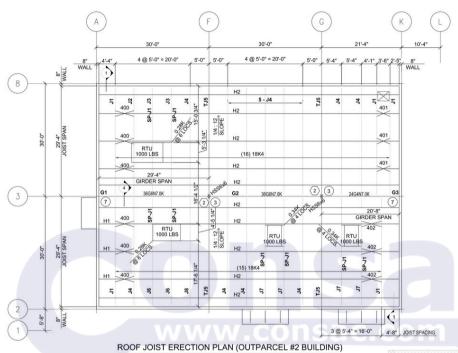
O'DONNELL WILL NOT ACCEPT THE RESPONSIBILITY OR CHARGES FOR ANY FIELD WITHOUT PRIOR O'DONNELL APPROVAL



JOIST REINFORCEMENT AT CONCENTRATED LOADS REFERENCE: 3/S4.2 (#2 BUILDING & BUILDING 4)







REF. S2.1 (OUTPARCEL #2 BUILDING)

- THE TAG BNO OF THE JOIST IS THE BNO AT WHICH THE PIECE MARK IS LOCATED.
 REFERENCE OWN J FOR LEGEND, SYMBOLS & ASBREVIATIONS.
 FOR JOIST SECRITIONS SEE J.
 ALL JOIST & BRIDGING WILL BE PAINTED WITH ONE COAT OF SJI STANDARD GRAY DP PROME.
 FOR SPATI LONDING SEE LOADING DIAGRAM ON THIS SHEET.
 SOFTEN SHIP LONDING SEE LOADING DIAGRAM ON THIS SHEET.
 SOFTENCTION T. LUSS

NET UPLIFT = SEE DIAGRAM

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 UPLIET BERDGING SIZE IS THE SAME AS THE REGULAR BRIDGING SIZE FOR THAT BAY.

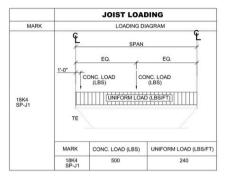
6'-0" TYP.

NET UPLIFT DIAGRAM REF.: S5.1 #2 BUILDING

NET UPLIFT VALUE:

TRIBUTARY	ZONE - 1	ZONE - 2	ZONE - 3
AREA			
10 SQ FT	-24.2 PSF	-43.9 PSF	-68.6 PS0F
20 SQ FT	-23.9 PSF	-39.0 PSF	-56.3 PSF
50 SQ FT	-22.9 PSF	-31.6 PSF	-39.0 PSF
100 SQ FT	-21.7 PSF	-26.6 PSF	-26.6 PSF

NET UPLIFT = GROSS UPLIFT - DEAD LOAD (5 PSF)



WELDED-X BRIDGING = WELDED-X BRIDGING, IDENTIFIED ON PLACEMENT PLAN

L 1 x1 x0.109

= CONTINUOUS ROW OF HORIZONTAL BRIDGING AT TOP AND BOTTOM CHORD, IDENTIFIED BY MARKS H1 - H6 ON PLACEMENT PLAN, REFERENCE TYPICAL BRIDGING SPACING BETAIL ON EACH PLACEMENT PLAN FOR SPACING REQUIREMENTS, UNLESS SPECIFIC LOCATIONS ARE SHOWN.

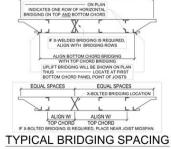
H2 = L 1 1/4x1 1/4x0.109

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)

H2= L 1 1/4x1 1/4x0.109

FOR FIELD USE

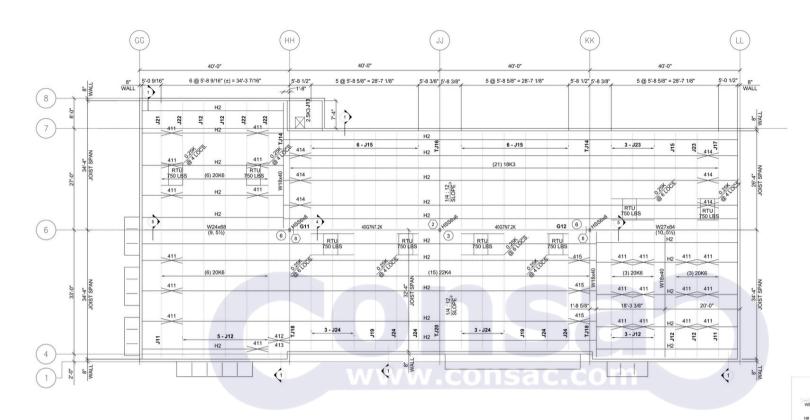




SPACE TOP CHORD BRIDGING EQUALLY BETWEEN SUPPORTS

(W/ UPLIFT)

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



ROOF JOIST ERECTION PLAN (RETAIL BUILDING 4)

REF. S2.1 (RETAIL BUILDING 4)

- PLAN NOTES:

 1. THE TAG END OF THE JOIST IS THE END AT WHICH THE PIECE MARK IS LOCATED.

 2. REFERENCE DWG JI FOR LEGEND, SYMBOLS & ABBREVIATIONS.

 3. FOR JOIST SECTIONS SEE JI.

 4. ALL JOIST A BROGRAM WILL BE PAINTED WITH ONE COAT OF SJI STANDARD GRAY DIP PRIMER.

5. DEFLECTION: TL = L/360

NET UPLIFT = SEE DIAGRAM

ADDITIONAL BRIDGING DUE TO UPLIFT

A SINGLE ROW OF HORIZONTAL BRIDGING LOCATED A SINGLE ROW OF HORZOWIAL BRIDGING COCATED

WHE 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.



NET UPLIFT DIAGRAM REF.: \$1

NET UPLIFT VALUE :

TRIBUTARY	ZONE - 1	ZONE - 2	ZONE - 3
AREA			
10 SQ FT	-24.3 PSF	-44.2 PSF	-69.0 PSF
20 SQ FT	-24.1 PSF	-39.2 PSF	-56.6 PSF
50 SQ FT	-23.1 PSF	-31.8 PSF	-39.2 PSF
100 SQ FT	-21.8 PSF	-26.8 PSF	-26.8 PSF

NET UPLIFT = GROSS UPLIFT - DEAD LOAD (5 PSF)

WELDED-X BRIDGING

WELDED-X BRIDGING. IDENTIFIED ON PLACEMENT PLAN

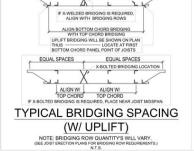
L 1 x1 x0.109

CONTINUOUS ROW OF HORIZONTAL BRIDGING AT TOP AND BOTTOM CHORD, IDENTIFIED BY MARKS H1 - H6 ON PLACEMENT PLAN. REFERENCE TYPICAL BRIDGING SPROING DETAIL ON EACH PLACEMENT PLAN FOR SPACING REQUIREMENTS, UNLESS SPECIFIC LOCATIONS ARE SHOWN.

CONTINUOUS ROW OF HORIZONTAL UPLIFT BRIDGING INSTALLED AT FIRST BOTTOM CHORD PANEL POINT, IDENTIFIED ON PLAN BY H1 - H6 (REFERÊNCE TYPICAL BRIDGING SPACING DETAIL ON ROOF PLACEMENT PLANS)



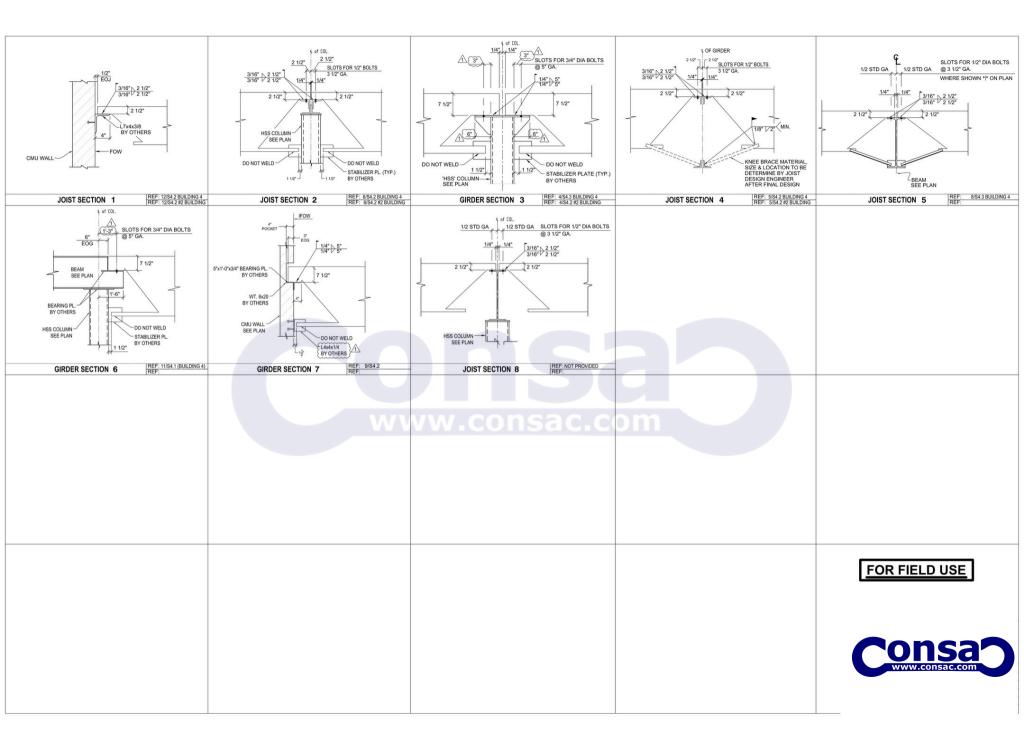


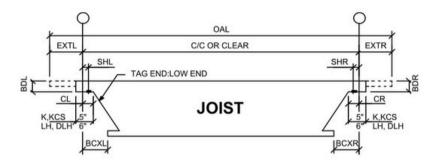


SPACE TOP CHORD BRIDGING EQUALLY BETWEEN SUPPORTS

INDICATES ONE ROW OF HORIZONTAL BRIDGING ON TOP AND BOTTOM CHORD

ON PLAN





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.

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 OAL

EXTL

C/C OR CLEAR

EXTR

PL

THL2

THL2

THL

TAG END:LOW END

SHL

GIRDER

BCXR

BCXR

BCXR

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

C/C or Clear = C/C of Grid or Inside Face of Wall

OAL Over All Length

N = Number of Joist Spacings

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 (Grider)

PR = Panel Right (Girder)



					NE	T UPLIFT:		_ PLF	SK1) SEE SK1	ON SHE	FT J2 F	ORIOA	DING D	IAGRAM									7
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						15'-0 3/4" & 20'-4"	FTE DUE	TO RTU	,														
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				31	TOTAL (QTY	LAST SHO	P ORDER	YES NO	V	PROJE	CT:	22-018	54 - OUT	PARCI	FI #2 B	LIII DIN	IG.	PA	INT:	GRAY	REV# DATE:	

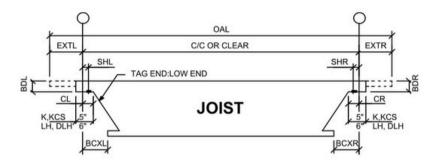


	NIC	\ <u>T</u>	ES			NET UPLIFT: YES	S ✓ N	0 🗌	GL3) ADD'L 0.	.7K @ PP	2, PP3	FTE DI	JE TO F	RTU										
	IAC	וכ	EO	•	ASI	LRFD.	FACTOR	RED 🗌	GU1) NU = 3.9	9K @ PP	1 AND 1	NU = 3.2	21K @ F	P2 TO	REST F	TE								
DEF	LEC	101T	N: TL	= L/3	60				GU2) NU = 3.2	21K @ EA	ACH PP	100												
51) \$	SP: @	NS: F	PL=2'-	5", 1 @	3'-6", 1 @	4'-1", 1 @ 5'-4" /// @ FS	: PL=4'-8",	2 @ 5'-4"	GU3) NU = 2.0	OK @ PP	1 (NS) 8	R PP1 (F	S), NU	= 3.42K	@ PP2	2 & PP3	FTE							
GL1) ADI	D'L 0	.3K @	PP2	, PP5 AND	0.6K @ PP3, PP4 I	FTE DUE	TO RTU																
GL2	2) AD	D'L (0.7K	@ PP:	3, PP4 FT	E DUE TO RTU							.eu .eu						V	ne e		20	W	
1	EQU 2	ENC 3	_	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
				1	G1	36G6N7.0K		3"	29'-4"	- 1/4"	4"	9"	7 1/2"	7 1/2"		6"	1 1/2"	4 1/2"		1 3/4"	4'-4"	4 @ 5'-0"	5'-0"	29'-6 3/4"
GL1	, GU	1				***															į.		j.	
İ				1	G2	36G6N7.0K		- 1/4"	30'-0"	- 1/4"	9"	9"	7 1/2"	7 1/2"	6"	6"	4 1/2"	4 1/2"	1 3/4"	1 3/4"	5'-0"	4 @ 5'-0"	5'-0"	29'-11 1/2"
GL2	, GU	2				·		29 0					100	00 00	9.73		21				_			
				1	G3	24G4N7.0K		3"	20'-8"	- 1/4"	4"	9"	7 1/2"	7 1/2"		6"	1 1/2"	4 1/2"		1 3/4"	SP	SP	5'-4"	20'-10 3/4"
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				3	TOTAL	YTC	LAST OR	SHOP DER	YES NO) <u>/</u>	PROJE	CT:	22-018	54 - OU	TPARC	EL #2 E	BUILDIN	G	PAIN		GRAY	REV#	DATE 3-A	ug-22



TIO	WEL	DED "	'X" TY	PES	_//	v 51	BOL	TED "X"	TYPES		_		BOLTED "H"		NOT	ES:												
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	_ :	SPACE	4			V-	_ SP	ACE			V-		SPACE															
		TYPE 1			2 TYPE			PE 4			E6 TYPE7 T			TYPE 14 TYPE 15														
		1	NOTE	FOR "[D1T" US	E "+" WI	HEN "LE	FT" IS LO	OWER T	HAN "RIC	GHT" & USE "	-" WHEN "R	IGHT" IS LOWER TH	IAN "LEFT"														
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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.

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 OAL

EXTL

C/C OR CLEAR

EXTR

PL

THL2

THL2

THL

TAG END:LOW END

SHL

GIRDER

BCXR

BCXR

BCXR

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

C/C or Clear = C/C of Grid or Inside Face of Wall

OAL Over All Length

N = Number of Joist Spacings

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 (Grider)

PR = Panel Right (Girder)



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L	N) I	ES	:	ASD 🗹	LRFD - F	ACTORE																	
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L11) ADI	D'L +	0.25k	(LOAI	YAA TA C	TCPP DUE TO	RTU																	
U11	I) NU	= 15	4 PLF	=																				
U12	2) NU	= 12	5 PL	F + AD	D'L PNU	= 39 PLF FOR 6	6'-0" FTE															_		
1	SEQU 2	_	_	QTY	MARK	TYPE	ELEV. SLOPE	EXTL	C/C OR CLEAR	EXTR	FL / TYPE	CL	FR/ TYPE	CR	BDL	BDR	SHL	SHR	BCXL	BCXR	OAL		NOTES	
				2	J11	20K6		- 1/2"	34'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"					34'-3 1/4"	U11		
				12	J12	20K6		- 1/2"	34'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"			5 E1		34'-3 1/4"	U12		
				1	J13	2.5K3		- 1/2"	7'-4"	- 1/2"					2 1/2"	2 1/2"					7'-3"			
			3.3	2	TJ14	18K3	S 2	- 1/2"	26'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"		2 3/4"			26'-3 1/4"	U12		(DT)
				13	J15	18K3		- 1/2"	26'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"					26'-3 1/4"	U12		
				1	TJ16	18K3		- 1/2"	26'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"		2 1/2"		4 1/2"	26'-3 1/4"	U12		(DT)
				1	J17	18K3		- 1/2"	26'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"					26'-3 1/4"	L11, U11		
Г				2	TJ18	22K4		- 1/2"	32'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"		2 3/4"			32'-3 1/4"	U12		(DT)
				2	J19	22K4		- 1/2"	32'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"					32'-3 1/4"	U12		
				1	TJ20	22K4		- 1/2"	32'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"		2 1/2"	c	4 1/2"	32'-3 1/4"	U12		(DT)
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				3	J22	20K6		- 1/2"	34'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"			2 2		34'-3 1/4"	L11, U12		
				4	J23	18K3		- 1/2"	26'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"			11		26'-3 1/4"	L11, U12		
				10	J24	22K4		- 1/2"	32'-4"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"			£		32'-3 1/4"	L11, U12		
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Г				55	TOTAL C	QTY	LAST SHO	OP ORDER	YES NO	V	PROJE	CT:	22-018	854 - RE1	All BU	III DING	: 4		PA	INT:	GRAY	REV#	DATE:	



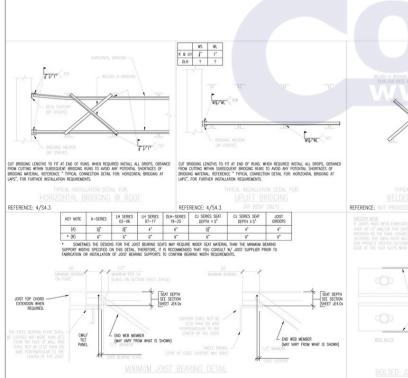
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GL	12) AD	D'L	0.5K	(@ P	P1, PP2, F	PP4, PP5, PP6 FTE	DUE TO	RTU	25															1
GU	11) NU	J = 3	3.7K	@ EA	CH PP		Ann. II.						(20) JP	V.1	200 201					100 A		~		
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×				1	G11	40G7N7.2K		-6"	40'-0"	- 1/4"	1'-6"	9"	7 1/2"	7 1/2"	1'-3"	6"	4 1/2"	4 1/2"		1 3/4"	5'-8 1/2"	5 @ 5'-8 5/8"	5'-8 3/8"	39'-5 3/4"
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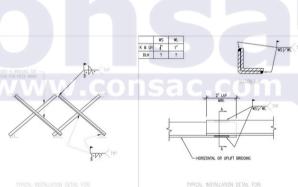


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				1	413	1	J12	20"	TJ18	22"	5'-8 5/8"		1 x 1 x 0.109															
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	DRAWING INDEX
SHEET.#	DWG. NAME
J1	JOIST COVER - TITLE PAGE
J2	ROOF JOIST ERECTION PLAN
J3	JOIST SECTIONS





CUT EXISTING BRIDGING AND INSTALL NEW X-WELDED BRIDGING AT EACH BOTTOM CHORD BRIDGING ROW LOCATION ON EACH SIDE OF THE OPENING AS SHOWN ABOVE. TYP TYP

THE SELL APPLES WERN PROJUNCE DECEDIO DRISE OF JOST SERVICES WITH THE REMILIATION OF MEMBERS FER POWER DESCRIPTION OF THE RESIDENCE SERVICES OF THE RESIDENCE O

© OF PANEL POINT GREATER THAN 3"

JOIST REINFORCEMENT AT CONCENTRATED LOADS

JOIST ERECTION NOTES

CC / EDECTOD NOTE.

GG FERECTOR NOTE:

DO NOT DEED STEEL, JOSTS WITHOUT OBTAINING A COPY AND THOROUGHLY PEADING THE S.B. TO 9 HADDING AND DESCRIPTION OF STEEL, JOSTS AND JOST DRIGORS, SERVOIS BUJLIFY OR DOTH CAN OFF TEREAL, STATE, AND LOCAL REQUIRED AND AND THE SAFE AND THOROUGH AND THE SAFE AND THOROUGH AND THE SAFE AND PROPER RECTION OF STEEL JOST PROPOLETS.

SJ TD 9 IS AVAILABLE FROM: STEEL JOIST INSTITUTE 234 W. CHEVES STREET FLORENCE, SC 29501

JOIST DELIVERY AND UNLOADING:

JOIST DELIVERY AND UNLOADING:

1. YESPIF QUANTIFIES AND CONSISTOR OF JOISTS AND JOIST ACCESSORES UPON ARRAM.

JOIST MANUFACTURER MADDATELY OF ANY SHERRACS, DESCREAMINGS OR DAMAGE.

THE MADDATE LISTED ON THE BLL OF JADON ARE THE ONLY TEMS EIROS SUPPLID.

3. WHEN MIGLADING JOISTS BY CRAME, ALMKYS MOST JOISTS BY TOP OR BOTTOM CHOSE PANEL

POINTS (MOT BY WIS MUMICHES), AS ON INAR 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.

XXIP THAT COVERED TO PROTECT THE PRIMARY CANADAM SHEETY ARE HEALTH.

5. FORCE STATEMENT AND SHEET SECURISION OF THE COCCANIDAM. SHEETY ARE HEALTH

5. FORCE STATEMENT AND SHEET SHEET SHEETS IN 1926. AMMICRATELY ARE HEALTH

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REFER TO THE ERECTION SECTIONS FOR JOIST AND JOIST GREER END ANCHORAGE REQUIREMENTS. JOISTS, JOIST GREERS, AND ACCESSORIES SHALL BE ATTACHED TO STEEL SUPPORTS WITH A MINIUM OF:

SUPPORTS WITH A MINIMAL OF:

KE-SERES_JOSED — THE EDUNALENT OF TWO 1/8" FILET WELDS (W) 2 1/2" LONG (L),

AND BOLTED WITH TWO 1/2" & ADD BOLTS WHERE SLOTS ARE INDICATED IN SECTION.

HE-SERES_JOSEDS. SECTION NUMBERS OF THE U.D. — THE EDUNALENT OF TWO 3/16"

FILLET WILDS (W) 2 1/2" LONG (L), AND BOLTED WITH TWO 3/4"® AJO? BOLTS

WHERE SLOTS ARE ROBLATED IN SECTION.

FALLT RELOT (N) 2 1/2" LONG (L), MAD BOUTD WITH TWO 3/4" A ADD BOUTS WHITE COSTS (AND BOUTD ME STORM).

WHICH SLOTS ARE ROOKED ME STORM AND BOUTD WITH TWO 1/4" A MAD BOUTD WATCH TWO 1/4" A

LOS TOST THAN STRANGE AND MOST AND ASSET, ASSET TO BOUTED TO SUPPORTS PER RECOVERABLE AND ASSET
BASICION TO CLAMB ON THE VAIST, RETER TO SAI AND OSIA RECUREMENTS.

11. VERRY THAT LA BRODGING IS COMPLETELY INSTALLED, WITH JOST SHOT OFFICE PROS
PERMANENTLY ATTACHED, BETORE APPLINE CONSTRUCTION LONGS TO JOST.

12. ADEQUATE MEMIS FOR DISTRIBUTING CONCIDITATED LONGS SHOULD BE PROVIDED SO THAT THE
CARACTER OF ARY JOST IS NOT EXCEEDED.

13. JOST CHORDS ARE NOT DESCRIBED FOR BENDING DUE TO CONCENTRATED LOADS, UND ON PLANS. EITHER PLACE LOADS AT JOST PANEL POINTS OR SEE THE "FIELD INSTALLED WEB MEMBERS AT CONCENTRATED LOADS" DETAIL.

O'DONNELL GENERAL NOTES:

PROMINEL GENERAL NOTES:

1. PICAL PRINCE CONTROL UND OF PLANES NOTICE ORIGINATES.

1. PICAL PRINCE CONTROL UND ON PLANES.

1. DECC 2001 CONTROL PRINCES. TO ALL JOSTS, JOST GREEFS & JOST ACCESSORES.

1. NOTE SOFT PRINCES IS APPLIED BY PERMIC CONTROL MAY NOT BE LIMPTON MAD REQUIRE REMOVE, OF ACCULATION EXPERTED BY A SPECIAL DECEMBER.

1. MILLION DONORDOME, RECORD IS SPECIAL DE 25-0°C LIMPTON. PLANES AND A SPECIAL DECEMBER.

1. MILLION DONORDOME, RECORD IS SPECIAL DE 25-0°C LIMPTON. PLANES AND A SPECIAL DECEMBER.

1. MILLION DONORDOME, RECORD IS TO SPECIAL DECEMBER. THE COST WILLION OF THE CONTROL SPECIAL DECEMBER.

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1. MILLION DONORDO

JOISTS MARKED TJ., INDICATES RE-JOISTS. THESE JOISTS ARE NOT DESCRIDE TO SATISFY OSHI 29 CFR 1926.757 (a)(3). REFER TO "DANGER" TAG ON JOIST FOR ERECTION REQUIREMENT.

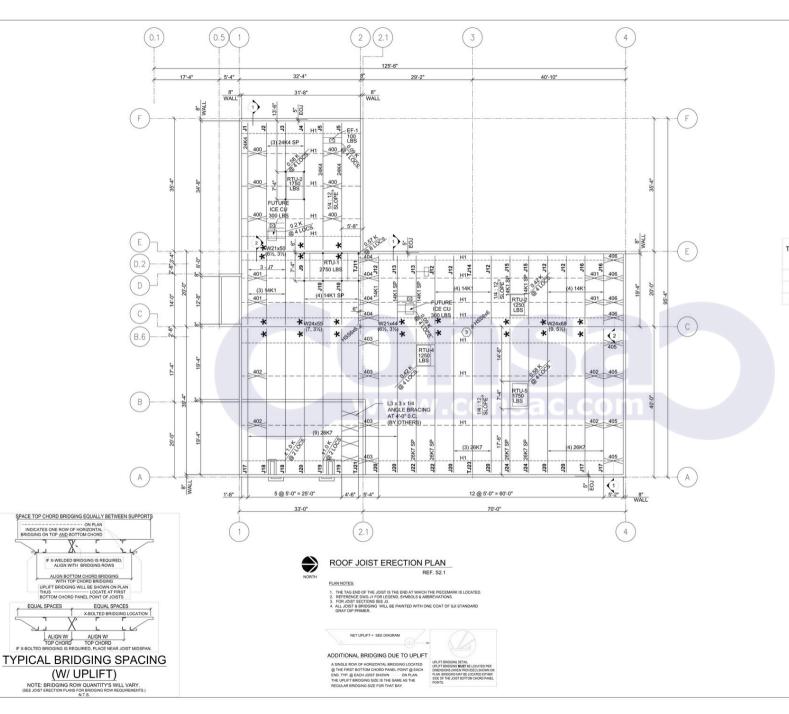
IB. DO NOT CUT AWAY ANY CHORDS OR WEBS.

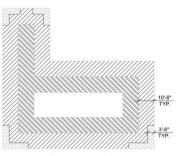
PRODUCTS ARE FABRICATED TO MEET THE ERECTION REQUIREMENTS OF OSHA. FIELD COMPLIANCE WITH OSHA IS NECESSARY.

CONTRACT NOTE:









NET UPLIFT DIAGRAM REF.: S0.1

NET UPLIFT VALUE :

TRIBUTARY	ZONE - 1	ZONE - 1'	ZONE - 2	ZONE - 3
AREA		1111111.	11111	
10 SQ FT	-10.0 PSF	-18.45 PSF	-27.51 PS0F	-41.13 PSF
50 SQ FT	-10.0 PSF	-14.09 PSF	-21.90 PSF	-29.94 PSF
100 SQ FT	-10.0 PSF	-14.09 PSF	-21.90 PSF	-29.94 PSF

WELDED-X BRIDGING = WELDED-X BRIDGING, IDENTIFIED ON PLACEMENT PLAN

L 1 x1 x0.109

= CONTINUOUS ROW OF HORIZONTAL BRIDGING AT TOP AND BOTTOM CHORD, IDENTIFIED BY MARKS H1 - HO ON PLACEMENT PLAN. REFERENCE TYPICAL BRIDGING SPACING BETAIL ON EACH PLACEMENT PLAN FOR SPACING REQUIREMENTS, UNLESS SPECIFIC LOCATIONS ARE SHOWN.

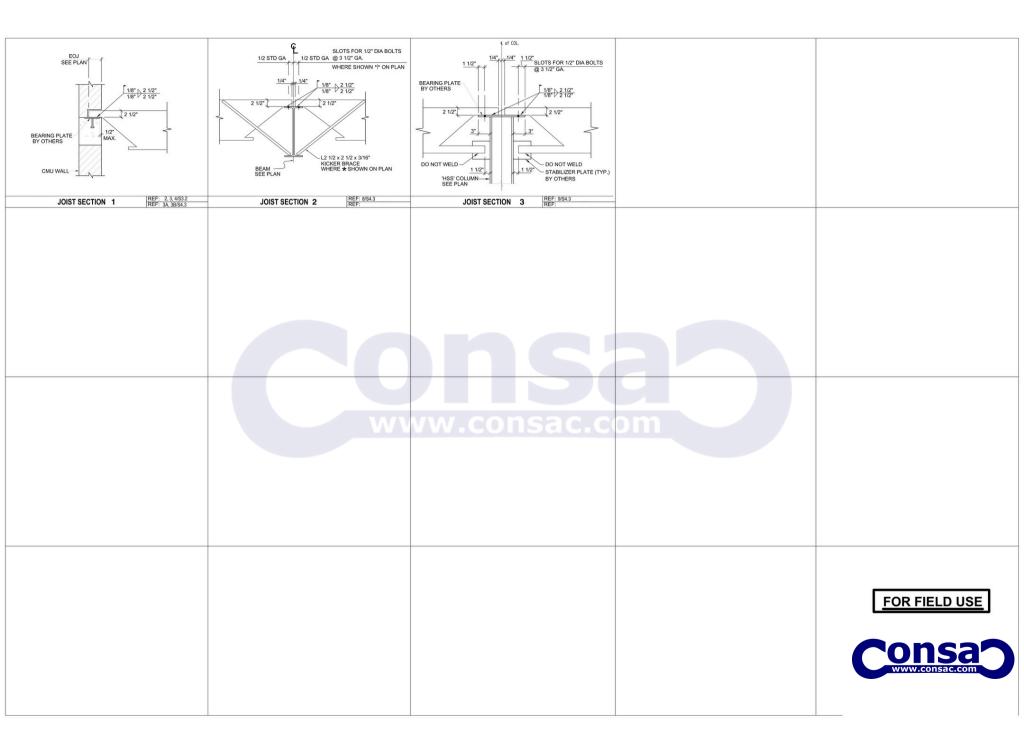
H1 = L 1x1x0.109

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)

H1= L 1x1x0.109

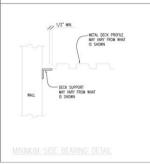
FOR FIELD USE



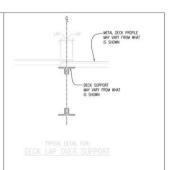


DRAWING INDEX
DWG. NAME
DECK COVER - TITLE PAGE
ROOF DECK ERECTION PLAN
DECK SECTIONS











DECK ERECTION NOTES
REFER TO THE STEEL DECK INSTITUTE'S (SDI) DES
MANUAL AND ITS MANUAL OF CONSTRUCTION IM

OC / EDECTOR NOTE:

GO FERCTOR NOTE:

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- DECORDELINET AND UNILADADIGS.

 THE CLIEBAC CONTROLLED (CC) MAYOR THERE DESIGNATE SHALL TAKE FILL RESPONDBILLY OF THE CARDO DIRBING THE OFF LUMBAGE PROCESS, AN BULL AS COURT AND VISITY THAT THE CARDO DIRBING THE OFF LUMBAGE PROCESS.

 THE CARDO DIRBING THE CHARGES LUMBAGE PROCESS THE SHORT SHAPE AND THE CARDO DIRBING THE OFFICE THE SHAPE PROCESS THE OFFICE THE SHAPE PROCESS THE OFFICE OF THE SHAPE PROCESS THE OFFICE OFFICE THE OFFICE OFFICE THE OFFICE OFFICE THE OFFICE
- THE DECK SHALL BE PROTECTED FROM THE ELEMENTS BY A VENTILATED WATERPROOF COVERING TO AVOID CONDENSATION.
- DECK INSTALLATION:

 6. DRICT ALL DECK PRODUCTS AND ACCESSORIES IN ACCORDANCE WITH THE SPECIFICATIONS OF THE SOL.

- DECK MISTALLINDON:

 1. DISCY PAWS HAVING A TITLE DISCY STAMP SHALL BE USED FOR ERECTRO.

 2. DISCY PAWS HAVING A TITLE DISCY STAMP SHALL BE USED FOR ERECTRO.

 3. DISCY PAWS HAVING A TITLE DISCY STAMP SHALL BE USED FOR ERECTRO.

 3. DISCY BROUGHT STAMPS OF PLACED ON THE FIRMER MAN AND SEPPORTING BEAM. AT A DISCY BROWN HAVE BROWN HE SHALL DISCY BROWN HAVE BROWN HE SHALL DISCY BROWN HAVE BROWN HE SHALL DISCY BROWN HE SHALL DISCY BROWN HAVE BROWN HE SHALL DISCY BROWN HE SHA

DECK ATTACHMENT:

- ODONNELL GENERAL NOTES:

 16. NC LOT IN CONTRACT. UNO UNLESS NOTED OTHERWISE.

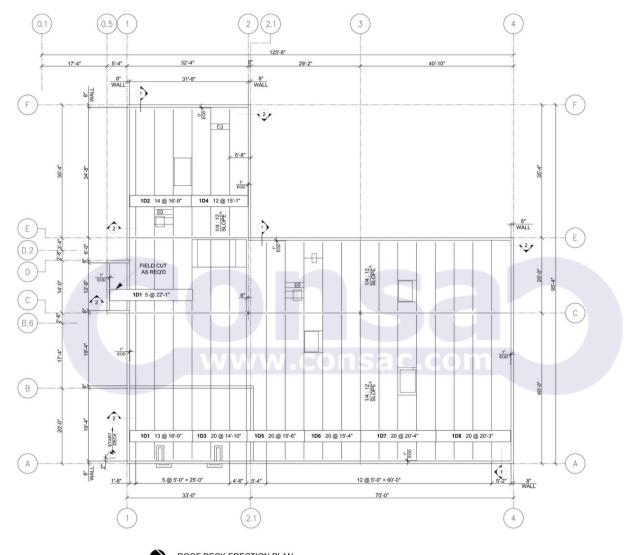
 17. TOUCH UP OF DECK TINESH AT WELD LOCATIONS OR OTHERWISE IS INSTALLERS RESPONSIBILITY.

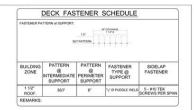
CONTRACT NOTE:

O'DONNELL WILL NOT ACCEPT THE RESPONSIBILITY OR CHARGES FOR ANY FIELD CORRECTIONS MADE
WITHOUT PROOF O'DONNELL APPROVAL.

FOR FIELD USE







FOR FIELD USE



ROOF DECK ERECTION PLAN
REF. \$2.1

PLAN NOTES

REFERENCE SHEET D1 FOR GENERAL NOTES & TYP. DETAILS.
 SEE SHEET D3 FOR DECK SECTIONS.

2. SEE SHEET D3 FOR DECK SECTIONS.

DRAWING LEGEND

= START DECK

EOD = END OF DECK

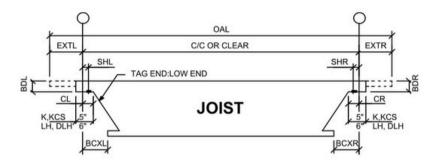
BOA = BACK OF ANGLE

SEQUENCE NAME: BOM1

ATE ENTER	RED: 7/11/20	022	×	JOB NO.	22-0	2086		DELIVER	RY DATE:			SHEET	1			
CUSTOME		022			22-0	2900		SHIP T	RETA		ROCK 2 32712		9503935	OF		
						DE	CK	LIS	T							1
TYPE:	1.5	"В	GA:	22	FINISH:	G-60			COVER:	36	sqs:	7	4.16	161	I/SQ	1
LENGTH					E	BUNDLE	MARK	(SEQU	ENCE-	BUNDLE	≣)				2015	1
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22'-1"	5	1		i i	1										1	5
20'-3"			100	j j		12		20								20
15'-1"				12												12
14'-10"		ĵ j	20	0											2	20
15'-8"					20							-				20
15'-4"			10			20	. 1									20
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Lbs.	1,585	1,133			1,513			1,956			_		_			11940
LUS.	1,565	1,133	1,433	0/4	1,513	1,461	1,304	1,956								11940



TOTAL: 11,940 lbs



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.

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 OAL

EXTL

C/C OR CLEAR

EXTR

PL

THL2

THL2

THL

TAG END:LOW END

SHL

GIRDER

BCXR

BCXR

BCXR

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

C/C or Clear = C/C of Grid or Inside Face of Wall

OAL Over All Length

N = Number of Joist Spacings

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 (Grider)

PR = Panel Right (Girder)



NOTES:					NE	T UPLIFT:		_ PLF	L5) ADD'L (2) +	0.09K LC	DAD AT	ANY TC	PP DUE	TO RTU	J			U4) NU	J = 73 F	PLF + AD	D'L PNU = 41	PLF FOR 10'-	6" FTE					
	146	ווע	_3	•	ASD 🗹	LRFD - FA	ACTORE		L6) ADD'L (2) +	0.2K LO	AD AT A	NY TCP	P DUE	TO RTU				U5) NI	J = 110	PLF								
L1) /	ADD'L	+0.5	8K LC	O DAC	N TC @ 13	3'-6" & 20'-10" FTE	DUE TO R	TU	L7) Add'L ±1.0 K @ ANY TCPP										U6) NU = 73 PLF + ADD'L PNU = 41 PLF FOR 11'-2" FTE									
L2) /	ADD'L	+0.5	7K LC	10 DAC	N TC @ 6"	& 7'-10" FTE DUE	TO RTU		U1) NU = 73 PLF																			
L3) ADD'L +0.58K LOAD ON TC @ 17'-6" & 24'-10" FTE DUE TO RTU								RTU	U2) NU = 110 PLF + ADD'L PNU = 45 PLF FOR 3'-6" FTE																			
L4) ADD'L (2) +0.42K LOAD AT ANY TCPP DUE TO RTU								U3) NU = 110 F	LF + AD	D'L PNI	J = 45 Pl	F FOR	10'-6" F7	E								1						
1	EQL 2	JENC 3		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	J1	24K4		5"	34'-8"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"			. 11	į j	35'-0 3/4"	U3	j					
				1	J2	24K4SP		5"	34'-8"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"			G 81		35'-0 3/4"	L6, U2]					
				1	J3	24K4SP		5"	34'-8"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					35'-0 3/4"	L1, L6, U2						
				1	J4	24K4SP		5"	34'-8"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					35'-0 3/4"	L1, U4	j					
				2	J5	24K4		5"	34'-8"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					35'-0 3/4"	L5, U2						
	1 1															8			. 1			60 7.						
				3	J7	14K1		- 1/4"	20'-0"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"					19'-11 1/2"	U5						
				E						18	3								24 E			<i>2</i> 4						
				1	J9	14K1SP		- 1/4"	20'-0"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"			· .		19'-11 1/2"	L2, U1						
				2	J10	14K1SP		- 1/4"	20'-0"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"					19'-11 1/2"	L2, U6	1					
				1	TJ11	14K1SP		- 1/4"	20'-0"	- 1/4"	F	5 1/4"	F	5 1/4"	2 1/2"	2 1/2"	1 1/2"	1 1/2"			19'-11 1/2"	L2, U6	(DT)					
		11 1		6	J12	14K1		5"	19'-4"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					19'-8 3/4"	U4	1					
				2	J13	14K1SP		5"	19'-4"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					19'-8 3/4"	L5, U4						
				1	TJ14	14K1		5"	19'-4"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"		4 1/2"		4 1/2"	19'-8 3/4"	U4	(DT)					
				2	J15	14K1SP		5"	19'-4"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					19'-8 3/4"	L4, U4	j					
				2	J16	14K1		5"	19'-4"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					19'-8 3/4"	U2						
				3	J17	26K7		5"	39'-4"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					39'-8 3/4"	U2						
		11 11		2	J18	26K7		5"	39'-4"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					39'-8 3/4"	U2, L7						
	€ = V			31	TOTAL C	ΣΤΥ	LAST SHO	P ORDER	YES NO	V	PROJE	CT:	22-029	86					PA	INT:	GRAY	REV#	DATE:					



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	141	<i>,</i>	_3	•	ASD 🗹	LRFD 🗆 F	ACTORE	D \square	L6) ADD'L (2) +	0.2K LO	AD AT A	NY TCP	P DUE	TO RTU				U5) NU = 110 PLF										
L1)	ADD'I	L +0.5	58K L	OAD C	ON TC @	13'-6" & 20'-10" FT	E DUE TO	O RTU	L7) Add'L ±1.0 K @ ANY TCPP									U6) NU = 73 PLF + ADD'L PNU = 41 PLF FOR 11'-2" FTE										
L2)	ADD'	L +0.	57K	LOAD	ON TC @	@ 6" & 7'-10" FTE	DUE TO	RTU	U1) NU = 73 PLF											.,,,,								
L3) ADD'L +0.58K LOAD ON TC @ 17'-6" & 24'-10" FTE DUE TO RTU							U2) NU = 110 PLF + ADD'L PNU = 45 PLF FOR 3'-6" FTE																					
L4) ADD'L (2) +0.42K LOAD AT ANY TCPP DUE TO RTU							U3) NU = 110 F	PLF + AD	D'L PNU	J = 45 PI	F FOR	10'-6" FT	Έ									1						
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				2	J22	26K7SP		5"	39'-4"	- 1/4"	F	0"	F	5 1/4"	2 1/2"	2 1/2"					39'-8 3/4"	U4, L4		Ĭ				
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