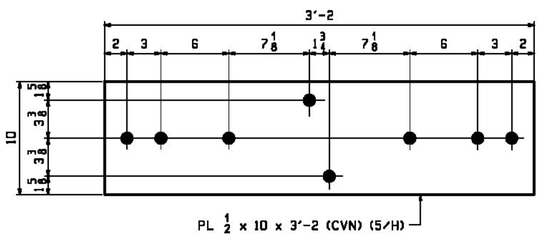
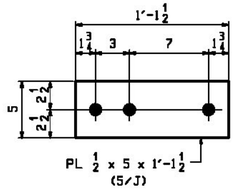
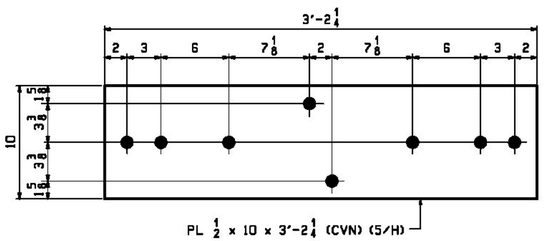
LATERAL BRACING STANDARDS



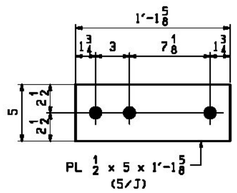
2 ~ GUSSET PLATES ~ x7a
(CENTER GUSSET PLATE @ SPAN 1)



8 ~ FILL PLATES ~ x7c
(@ ENDS OF DIAGONAL IN SPAN 1)

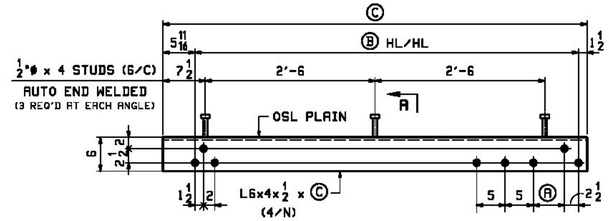


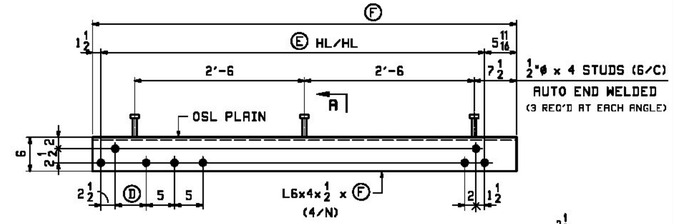
2 ~ GUSSET PLATES ~ x7b
(CENTER GUSSET PLATE @ SPAN 2)



8 ~ FILL PLATES ~ x7d
(@ ENDS OF DIAGONAL IN SPAN 2)

BRACKET STANDARDS



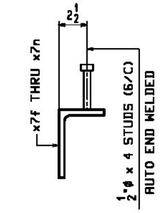


ANGLES
(SIDEWALK SUPPORT TOP STRUT)

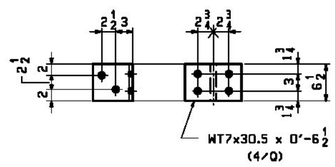
	MARK	REQ'D	Ⓐ	Ⓑ	Ⓒ
(@ L0, L8, L9 & L19)	x7f	4	5 1/2	5'-7 13/16	6'-3
(@ L1,L3,L5,L7,L10,L12,L14,L16 & L18)	x7h	9	6 11/16	5'-9	6'-4 3/16
(@ L2, L4, L6, L11, L13, L15 & L17)	x7m	7	6 9/16	5'-8 7/8	6'-4 1/16

ANGLES
(SIDEWALK SUPPORT TOP STRUT)

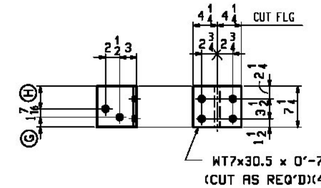
	MARK	REQ'D	Ⓓ	Ⓔ	Ⓕ
(@ L0, L8, L9 & L19)	x7g	4	5 1/2	5'-7 13/16	6'-3
(@ L1,L3,L5,L7,L10,L12,L14,L16 & L18)	x7k	9	6 11/16	5'-9	6'-4 3/16
(@ L2, L4, L6, L11, L13, L15 & L17)	x7n	7	6 9/16	5'-8 7/8	6'-4 1/16

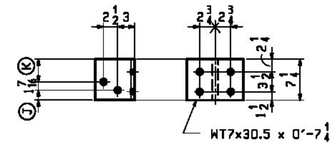


SECTION -A
(ENLARGED)



20 ~ WT's ~ x7p
(SIDEWALK SUPPORT BRACKET TOP CONNECTION)



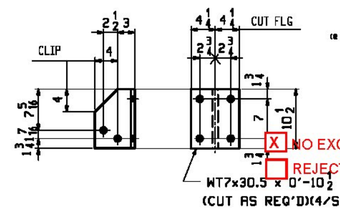


WT's
(SIDEWALK SUPPORT BTM CONNECTION)

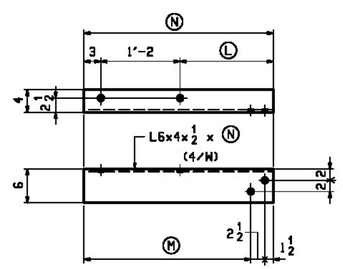
	MARK	REQ'D	Ⓖ	Ⓗ
(@ L1, L3, L5, L7, L10 & L18)	x7t	6	1 7/8	3 15/16
(@ L12 & L16)	x7v	2	1 15/16	3 7/8
(@ L14)	x7w	1	2	3 13/16

WT's
(SIDEWALK SUPPORT BTM CONNECTION)

	MARK	REQ'D	Ⓙ	Ⓚ
(@ L2, L4, & L6)	x7aa	3	2	3 13/16
(@ L11 & L17)	x7ab	2	2 1/8	3 11/16
(@ L13 & L15)	x7ac	2	2 3/8	3 7/16

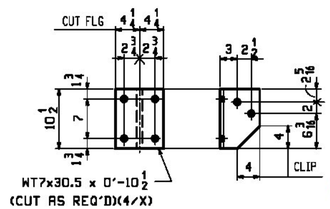


4 ~ WT's ~ x7s
(SIDEWALK SUPPORT BTM CONNECTION @ L0, L8, L9 & L19)

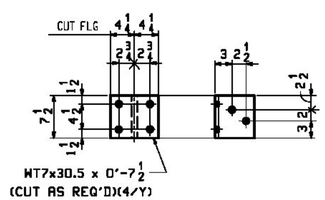


ANGLES
(SEWER LINE SUPPORT)

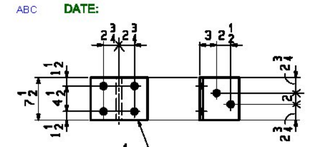
	MARK	REQ'D	Ⓛ	Ⓜ	Ⓝ
(@ L0, L8, L9, L14 & L19)	x7ad	5	1'-4 1/2	2'-5 1/2	2'-9 1/2
(@ L1, L3, L5, L7, L10 & L18)	x7af	6	1'-4 3/4	2'-5 3/4	2'-9 3/4
(@ L12 & L16)	x7ag	2	1'-4 11/16	2'-5 11/16	2'-9 11/16
(@ L2, L4 & L6)	x7ah	3	1'-4 1/4	2'-5 1/4	2'-9 1/4
(@ L11 & L17)	x7ak	2	1'-3 15/16	2'-4 15/16	2'-8 15/16
(@ L13 & L15)	x7am	2	1'-3 1/2	2'-4 1/2	2'-8 1/2



4 ~ WT's ~ x7an
(SEWER LINE SUPPORT @ L0, L8, L9 & L19)



9 ~ WT's ~ x7ap
(SEWER LINE SUPPORT @ L1,L3,L5,L7,L10,L12,L14,L16 & L18)



7 ~ WT's ~ x7as
(SEWER LINE SUPPORT @ L2,L4,L6,L11,L13,L15 & L17)

Vermont Agency of Transportation
RECEIVED
ON: March 21, 2016
and Checked for
CONFORMANCE
BY: ABC DATE:

X NO EXCEPTION TAKEN
☐ MAKE CORRECTIONS NOTED
☐ REJECTED
☐ REVISE AND RESUBMIT
☐ SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR THE GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE; FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATION OF HIS WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

CHA
DATE 1/29/2016 SHOP NOTE BY G. Najdowski

ALL STEEL SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH SUBSECTION 506.15.

NOTES:
1. FOR GENERAL NOTES SEE DWG. GN1.
2. CVN - DENOTES MATERIAL SUBJECT TO CHARPY V-NOTCH TESTING.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0						

MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:
M270-50	HOT-DIP GALV.	15/16ø	NONE

DESCRIPTION: LATERAL BRACING & BRACKET STANDARD DETAILS

CASCO BAY STEEL STRUCTURES, INC.
1 WALLACE AVE. SOUTH PORTLAND, ME 04106
PHONE (207) 780-5722 FAX. (207) 780-5726
TEMSOR 3265

STRUCTURE:	TH-10 OVER OTTER CREEK PONY TRUSS BRIDGE	DRAWN: RB	DATE: 12/22/15
		CHKD: WJL	DATE: 1/13/16
LOCATION:	RUTLAND CITY, VERMONT	JOB NO.	DWG NO.
PROJ NO.	BRF 3000 (19)	598	X7
CUSTOMER:	KUBRICKY CONSTRUCTION CORP.		REV. △