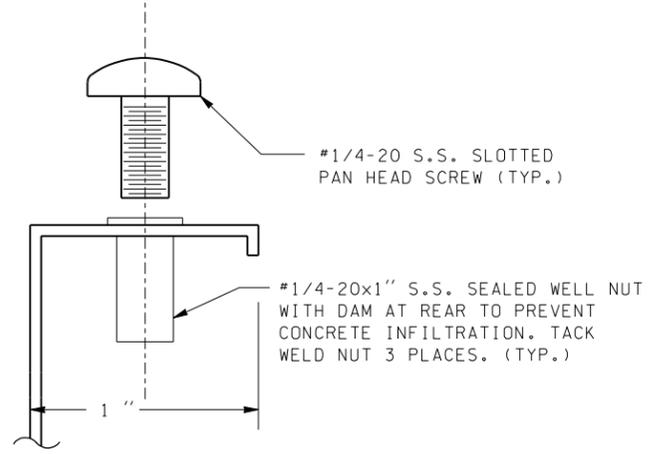


PLAN VIEW



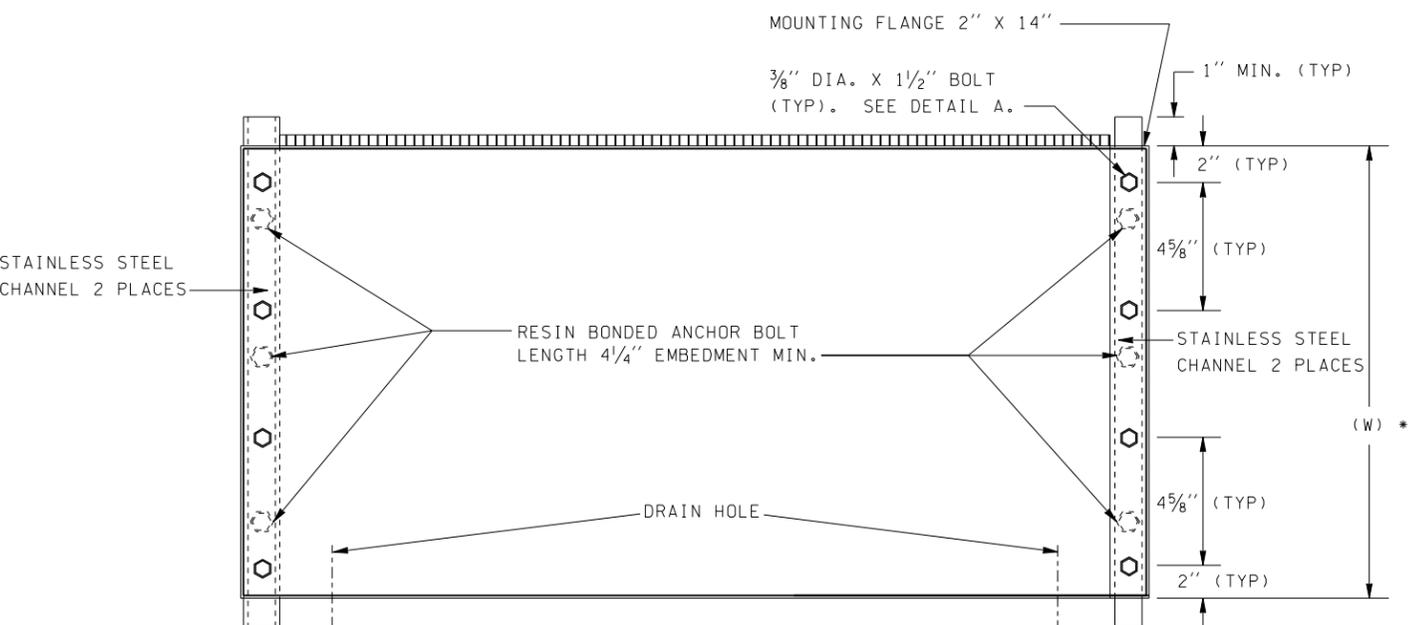
SECTION A-A

NOTE TO DESIGNER: WHEN USING THIS SHEET, SEE SHEETS 'STAINLESS STEEL CHANNEL DETAILS' SHT 5.04E & 5.05E. YOU MUST ALSO REQUEST THE FOLLOWING GSP'S BE ADDED TO THE CONTRACT. GSP 02.GR6, GSP 022.GR6, GSP 0221.GR6 AND GSP 02318.GR6. DELETE THIS NOTE FROM THIS SHEET WHEN INSERTED INTO CONTRACT PLAN SET.

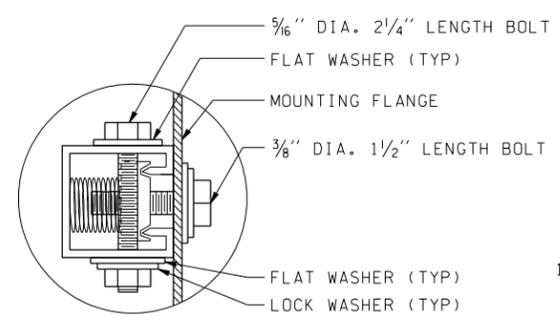
LEGEND DETAIL
MARK L

1" NOM. LT 1" NOM. LIGHTING SYSTEM	1" NOM. TEL 1" NOM. TELEPHONE SYSTEM
1" NOM. TS 1" NOM. TRAFFIC SIGNAL SYSTEM	1" NOM. COMM 1" NOM. COMMUNICATION SYSTEM
1" NOM. ITS 1" NOM. INTELLIGENT TRANSPORTATION SYSTEM	

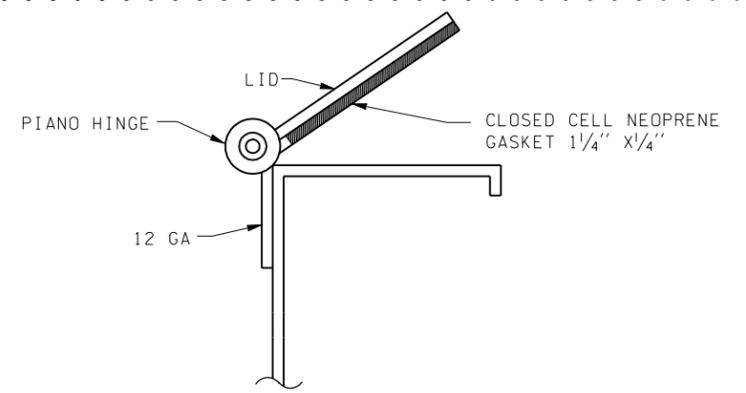
Form letters with 1/8" weld bead.



PROFILE VIEW



DETAIL A



SECTION B-B

GENERAL NOTES

- DRILLING THROUGH REINFORCING STEEL IS NOT ALLOWED. IF STEEL IS HIT WHILE DRILLING, THE LOCATION SHALL BE MOVED AND THE ABANDONED HOLE FILLED WITH GROUT CONFORMING TO SECTION 6-02.3(20). THERE SHALL BE A MINIMUM 3" EDGE DISTANCE TO THE CENTERLINE OF ANCHOR HOLES IN CONCRETE. MOUNT THE STAINLESS STEEL SUPPORT USING AN APPROVED RESIN BONDED ANCHOR SYSTEM, INSTALLED PER MANUFACTURERS RECOMMENDATION IN DRY CONDITIONS. RESIN BONDED ANCHORS SHALL BE STAINLESS STEEL AND SHALL BE OF 3/8" DIA. (EXPANSION ANCHORS ARE NOT ALLOWED.)
 - JUNCTION BOX LABELING SHOWN FOR STRUCTURES ONLY. LABEL ALL OTHER JUNCTION BOXES PER STANDARD PLAN J-110 AND SPECIAL PROVISIONS.
 - SEE STAINLESS STEEL CHANNEL DETAIL SHEETS FOR ATTACHMENT METHOD.
- * SEE CONTRACT PLANS FOR JUNCTION BOX SIZE.

NEMA 4X SURFACE MOUNT JUNCTION BOX

TYPE 304 STAINLESS STEEL, WELDED SEAM CONSTRUCTION
 #12 GA BACKBOX W / #4 FINISH
 #12 GA COVER W / #4 FINISH
 #12 GA MOUNTING TABS
 NOT TO SCALE

FILE NAME	C:\JOHNNA2\Master Details\Junction boxes\nema j box\nema surface mount.dgn			REGION NO.	STATE	FED.AID PROJ.NO.	PLOT1
TIME	10:54:13 AM			10	WASH	6.23	
DATE	8/27/2007			JOB NUMBER			SHEET 1 OF 1 SHEETS
PLOTTED BY	harveyj			CONTRACT NO.	LOCATION NO.		
DESIGNED BY		UPDATED UNISTRUT/ S.S. CHANNEL	8-22-07	JH			
ENTERED BY		NEW DETAIL 6.23	3-21-05	JH			
CHECKED BY							
PROJ. ENGR.							
REGIONAL ADM.		REVISION	DATE	BY			



NEMA 4X SURFACE MOUNT JUNCTION BOX

P.E. STAMP BOX DATE