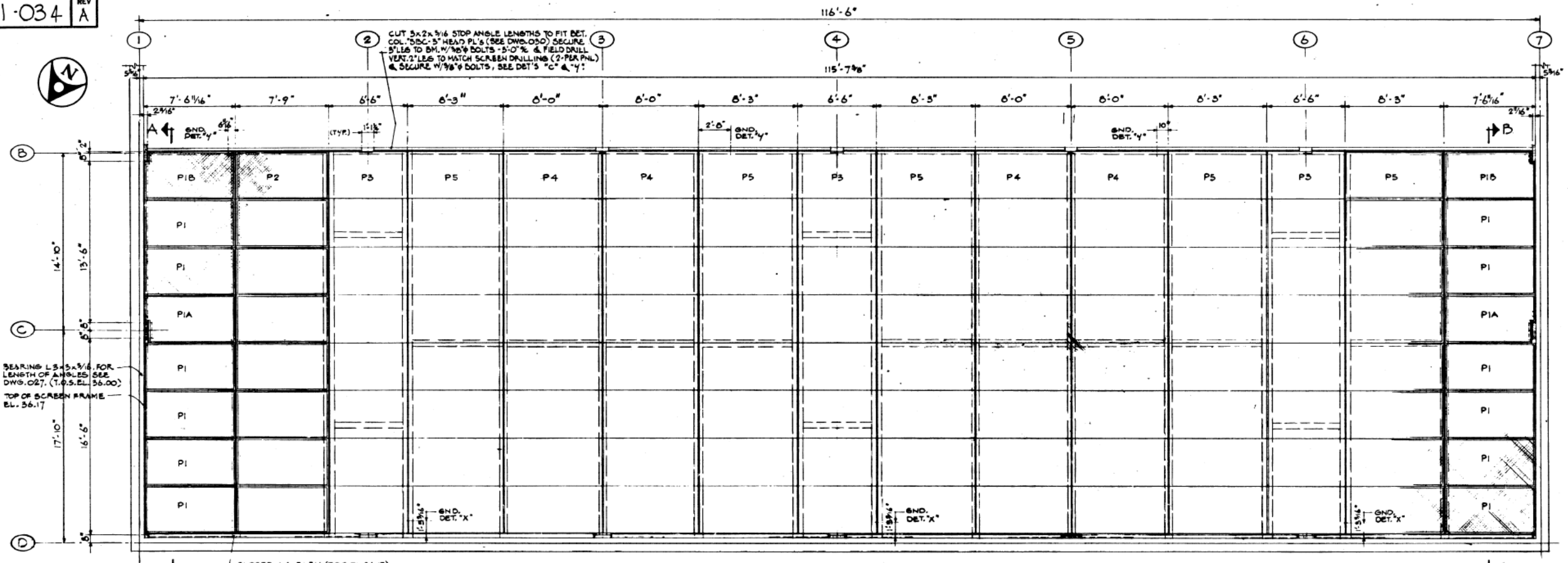
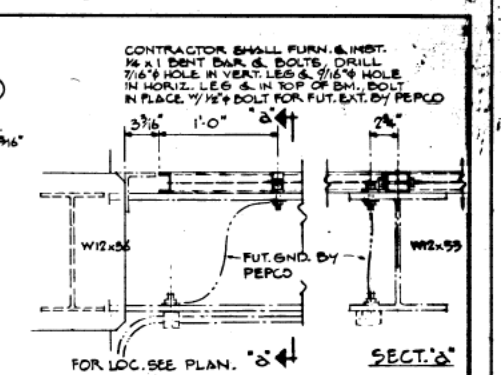
7E-211-034 REV A



(TOP OF ALL SCREEN SUPPORT STEEL @ EL. 36.00 - SEE DWG. 7E-211-027)

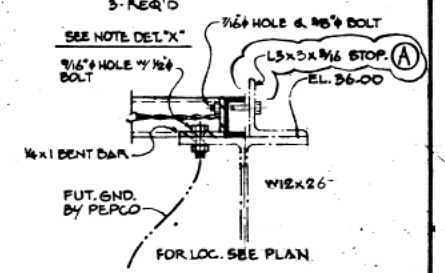
HEALTH & SAFETY SCREEN ARRANGEMENT

SCALE : 1/4"=1'-0"



DETAIL "X"

SCALE: 1 1/2"=1'-0"
3-REQ'D

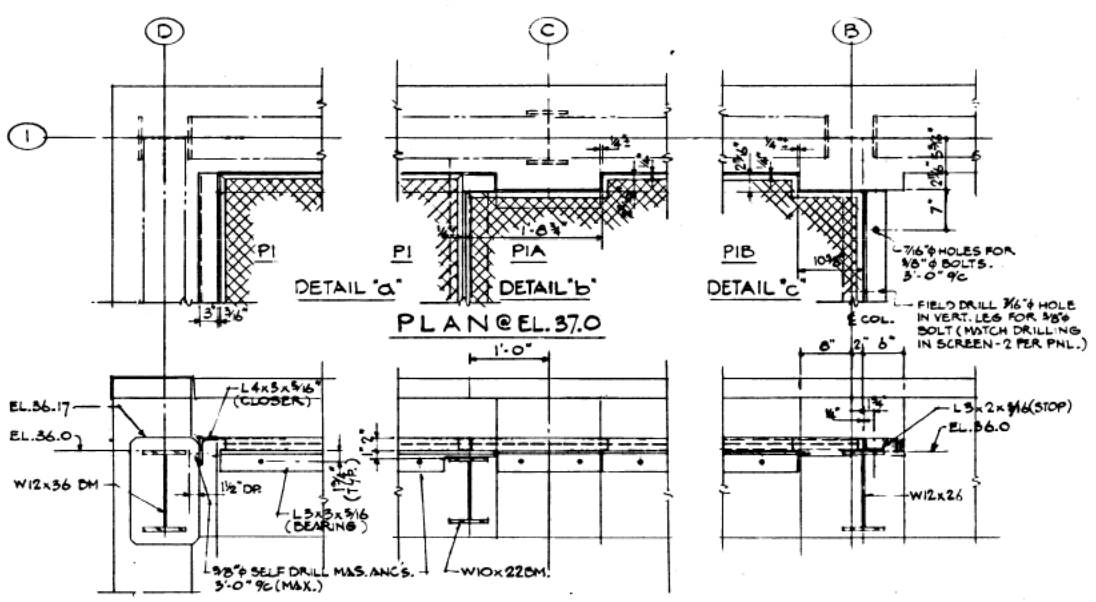


DETAIL "Y"

SCALE: 3"=1'-0"
3-REQ'D.

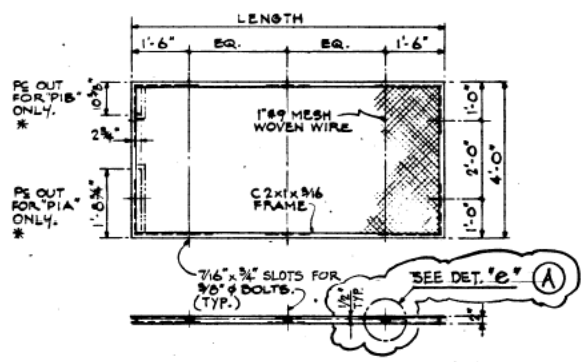
NOTES:

1. WOVEN WIRE PRODUCTS SHALL BE 1 IN. DIAMOND MESH. NO. 9 GAUGE STEEL WIRE IN 2 IN. STEEL CHANNEL FRAMES. ALL WOVEN WIRE SHALL BE DOUBLE CRIMPED AND SECURELY INTERWOVEN AND CLINCHED ON CHANNEL FRAMES.
   BOLT ALL PANELS TOGETHER AT INSTALLATION USING A MINIMUM OF 2 BOLTS IN THE SHORT FRAME DIMENSION AND A MINIMUM OF 3 BOLTS IN THE LONG FRAME DIMENSION (SEE SCREEN FRAME DETAILS)
2. ALL PANEL CONNECTION BOLTS SHALL BE ASTM A 307 GRADE A, 3/8 IN. & HEX HEAD BOLTS IN 7/16 IN. ϕ HOLES.
   HOT DIP GALVANIZE SCREEN, FRAME AND CONNECTION BOLTS AFTER FABRICATION IN ACCORDANCE WITH ASTM A123
   FOR STEEL FRAMING SEE DWG 7E-211-027



SECTION "A-A"
SECTION "B-B" (OPP. HAND)

SCALE: 1"=1'-0"



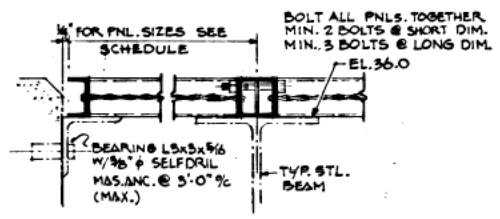
SCREEN FRAME DETAIL "d"

SCALE: 1 1/2"=1'-0" (120 REQ'D.)

HEALTH & SAFETY SCREEN SCHEDULE				
MK.	WIDTH	LENGTH	REQ'D.	REMARKS
P1	4'-0"	7'-6 3/16"	12	SEE DET. "a"
P1A	4'-0"	7'-6 3/16"	2	SEE DET. "b"
P1B	4'-0"	7'-6 3/16"	2	SEE DET. "c"
P2	4'-0"	7'-6 3/4"	8	SEE DET. "d"
P3	4'-0"	6'-5 3/4"	24	SEE DET. "d"
P4	4'-0"	7'-11 3/4"	32	SEE DET. "d"
P5	4'-0"	8'-2 3/4"	40	SEE DET. "d"
.	.	.	.	.

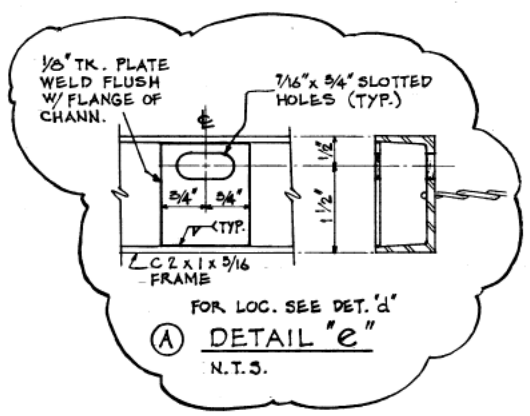
NOTE:
WIDTH & LENGTH OF "SCREEN FRAMES" ARE OVERALL DIMENSIONS FROM THE TOE OF THE CHANNEL FRAME. FRAMES ARE DIMENSIONED TO ALLOW A CLEARANCE OF 1/4" ± ALL AROUND.

* P1A @ COL. C1 & P1B @ COL. B1 ARE AS SHOWN, @ COL'S B7 & C7 ARE OPP. HAND.



TYPICAL PANEL CONN. DET.

SCALE: 3"=1'-0"



(A) DETAIL "e"
N.T.S.

SCALE: 1/4"=1'-0"

JOB NO. 31102

TWINBROOK SUBSTATION Nº 211
33/13 KV. SUBSTATION
HEALTH & SAFETY SCREENS

REVISIONS							
(A) ADDED DET. "e" JOB # 31102	EAM 7/8/86	RWN 8-4-86	8/29/86	8/29/86	8/29/86	9/4/86	
DESCRIPTION	CORR	CHKD	APPD	APPD	APPD	APPD	APPD

POTOMAC ELECTRIC POWER CO.

CHKD	APPD	APPD	APPD	APPD	APPD	DR BY RDR	ENGR AGM/JAV	
7-11-86	7/21/86	8/1/86	8/11/86	8/1/86		DATE 6-27-86	SCALE 1/4"=1'-0"	
RWN						7E-211-034		REV A

MICROFILM TITLE HEALTH & SAFETY SCREENS