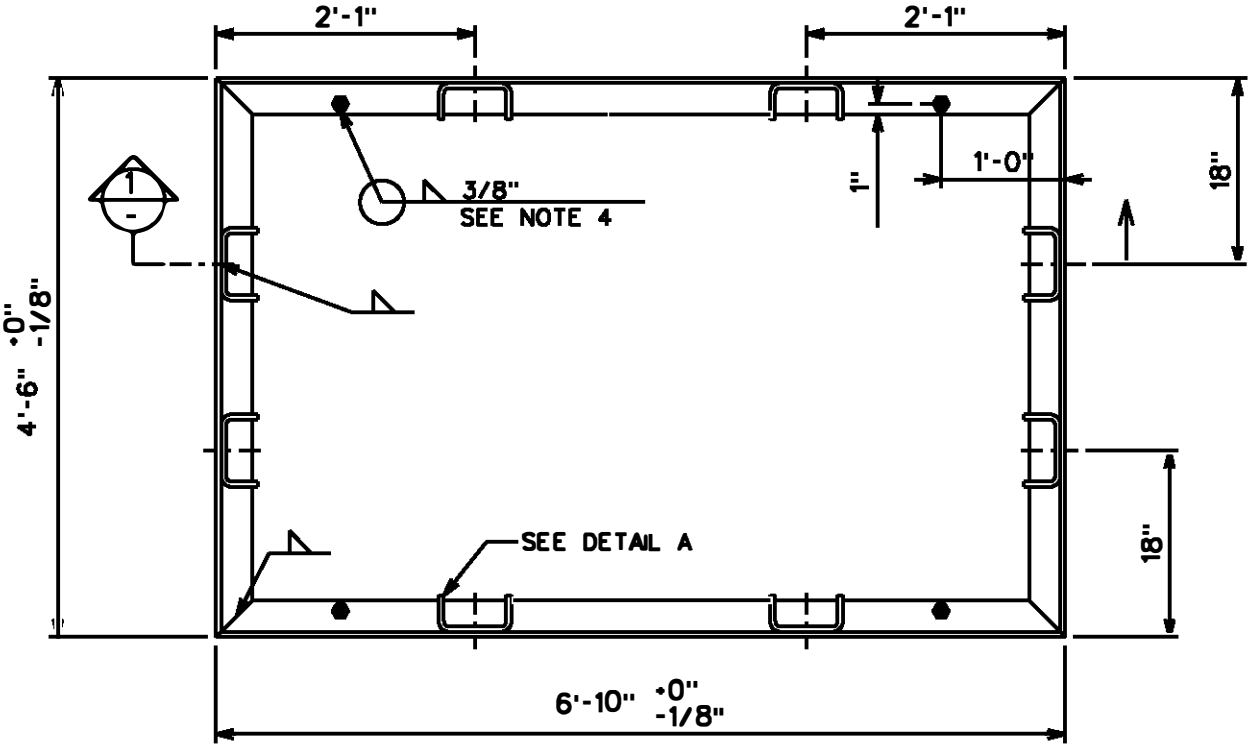
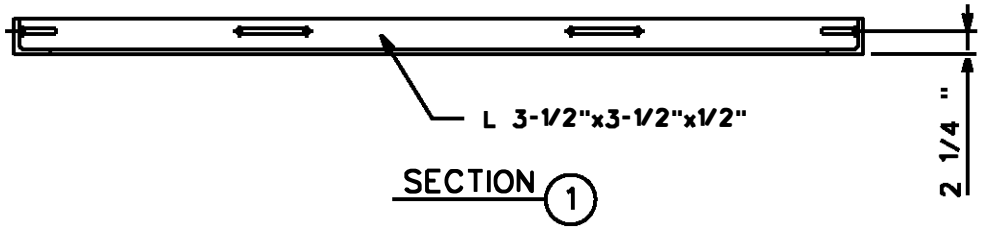
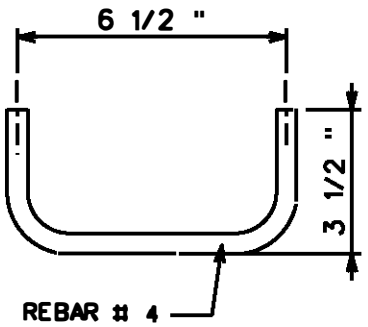


PLAN OF THE FRAME : MHRSF745SMY



SECTION (1)



DETAIL (A) 1" = 5"

FRAME NOTES: SEE PAGE 2

REV. A: CHANGE DWG. FORMAT

DRAWN: JB	DVLPED: JC	DATE: 1/4/86	REVIEWED: RDS	DATE: 09/02/15	APPRVD: AAT	DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

PHI PEPCO

POWER DISTRIBUTION STANDARDS

4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

FRAME NOTES:

1: MITER AND WELD ALL CORNERS 90 GRIND OFF ANY HIGH SPOTS ON THE FLANGE SURFACES TO ALLOW PROPER SEATING OF FRAME.

2:FINISHED FRAME IS TO HAVE ALL CORNERS ON THE SAME PLANE AND IS NOT TO BE TWISTED OR BENT

3:FRAME TO BE GALVANIZED AFTER SHOP WORK AND SHALL CONFORM TO A.S.T.M SPECIFICATION A-123 WITH LATEST REVISIONS THEREOF.

4:AFTER FRAME HAS BEEN GALVANIZED WELD FOUR 1" LIFTING INSERTS (STOCK NO: 9721-0777) TO FRAME AS SHOWN. THE INSERTS SHALL BE PLUGGED WITH 1" BRASS PLUG (STOCK NO: 9721-0156). THE PLUGS SHALL BE FLUSH WITH THE TOP OF THE INSERTS.

5:THIS FRAME SHALL BE LIMITED TO SIDEWALK USE WITH MAXIMUM CLEAR SPAN BETWEEN SUPPORTS OF 6'-4".

6:FRAME WEIGHT ▪ 257 LBS

7:REV. A: REDRAWN FOR NOTES AND STK NO's FOR WMIS

COMPATIBLE UNIT 4'-6" x 6'-10" FRAME FOR SIDEWALK MANHOLES			
QUANTITY	STOCK#	DESCRIPTION	
4	9721-0777	COUPLING HEXAGONAL SST 8THD 1"x3"LONG	EA
4	9721-0156	PLUG THREADED SLOTTED 1" x 1"DIA	EA
22'-8"		CORNER L 3-1/2"x3-1/2"x1/2"H	
7'-4"	9700-0024	REBAR SIZE #4	

DESIGNATION	DESCRIPTION	STOCK#
MHRSF745SMY	FRAME ROOF SLAB GALV SDWK	9721-0645

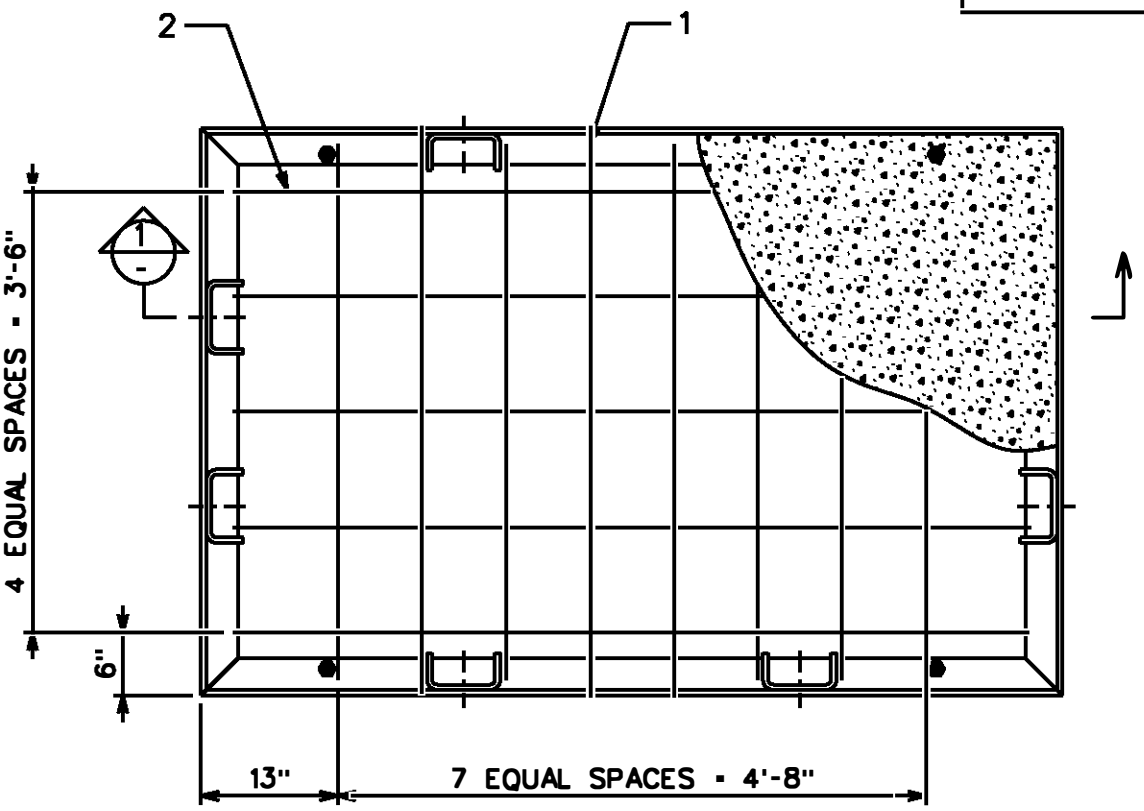
DRAWN: JB	DVLPED: JC DATE: 6/4/86	REVIEWED: RDS DATE: 09/02/15	APPRVD: AAT DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

PHI PEPCO

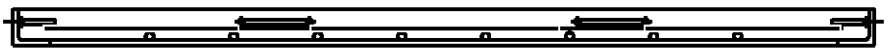
POWER DISTRIBUTION STANDARDS

4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

1181.3.11



PLAN OF THE SLAB : MHRS745SMY



SECTION (1)

ROO NO	1	2
QUANTITY	8	5
SIZE	#4	#4
LENGTH	4'-3"	6'-4"

SIDEWALK SLAB NOTES:

1: THE REBAR SHALL BE EPOXY ANO INSTALLED INTO THE FRAME AS SHOWN.
2: CONCRETE SHALL THEN BE TROWL FINISHED FLUSH WITH THE TOP EDGE FRAME.
3: SDWK SLAB WEIGHT = 1550 LBS
4: 7.5 CU.F.T OF 4000PSI CONCRETE
5. REV A: CHANGE DWG FORMAT

DRAWN: JB	DVLPED: JC	DATE: 6/4/86	REVIEWED: RDS	DATE: 09/02/15	APPRVD: AAT	DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

PHI PEPCO

POWER DISTRIBUTION STANDARDS

4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

ENGINEERING ASSEMBLY SLAB FOR SIDEWALK MANHOLES			
QUANTITY	DESIGNATION	DESCRIPTION	REF. DWG
1	MHRSF745SMY	FRAME ROOF SLAB GALV SDWK	6-2-1181sh1
	DESIGNATION	DESCRIPTION	STOCK •
	MHRS745SMY	SLAB, CONC SDWK ROOF ASSEMBLY	9721-0688

COMPATIBLE UNIT 4'-6" x 6'-10" SIDEWALK SLAB FOR SIDEWALK MANHOLES			
QUANTITY	STOCK•	DESCRIPTION	
71'	9700-0024	REBAR SIZE •4	
1	9721-0645	FRAME ROOF SLAB GALV SDWK	EA
	DESIGNATION	DESCRIPTION	STOCK •
	MHRS745SMY	SLAB, CONC SDWK ROOF ASSEMBLY	9721-0688

NOTE:

REV. A: REDRAWN FOR NOTE'S AND STOCK NO'S FOR WMIS.

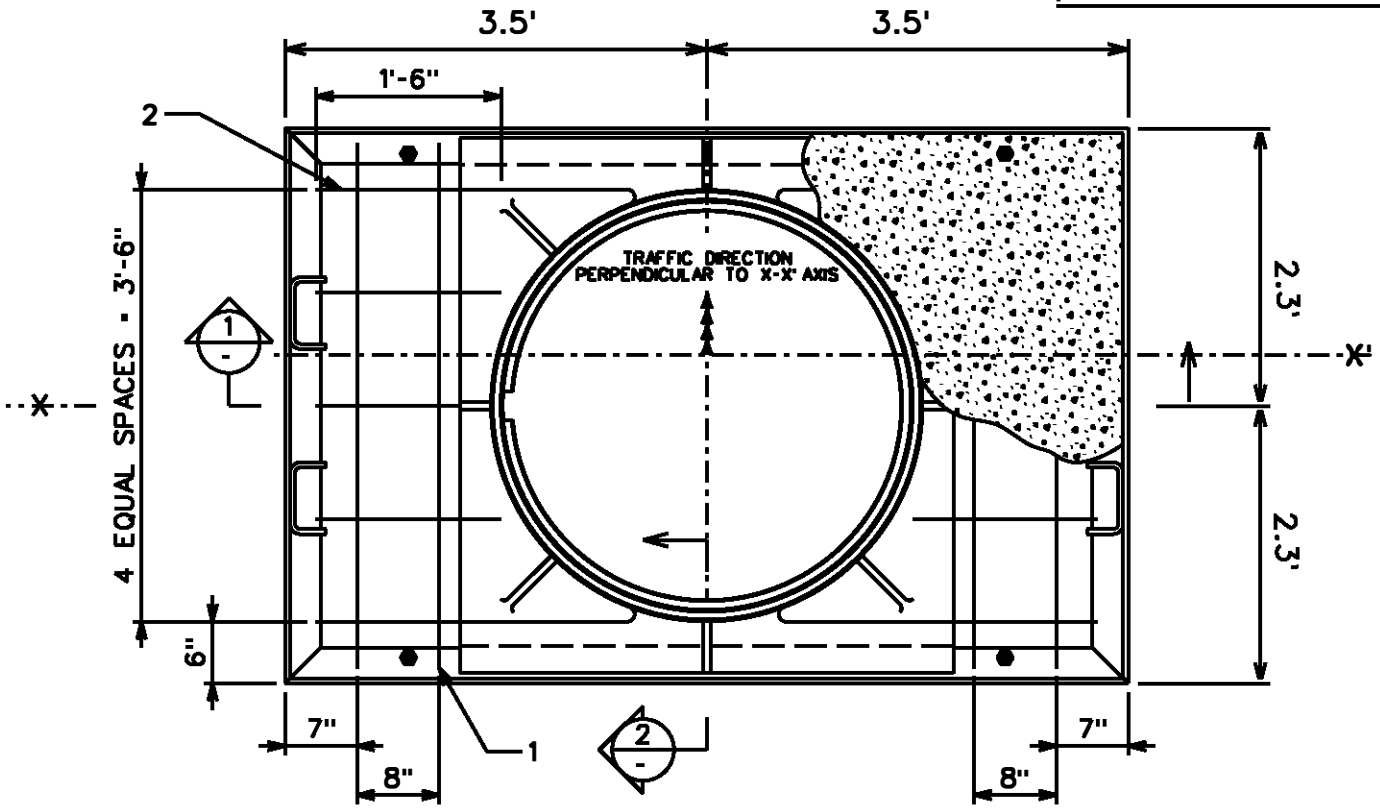
DRAWN: JB	DVLPED: JC DATE: 6/4/86	REVIEWED: RDS DATE: 09/02/15	APPRVD: AAT DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

PHI PEPCO

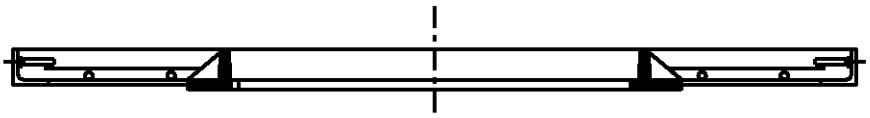
POWER DISTRIBUTION STANDARDS

4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

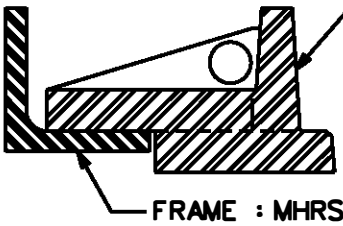
1181.5.11



PLAN OF THE SLAB : MHRS745CSMY



SECTION (1)



SECTION (2)
1" = 5"

ROD NO	1	2
QUANTITY	4	10
SIZE	#4	#4
LENGTH	4'-3"	1'-6"

SIDEWALK SLAB NOTES:

1: THE REBAR SHALL BE EPOXY LOATED AND INSTALLED INTO THE FRAME AS SHOWN.
2: CONCRETE SHALL THEN BE TROWL FINISHED FLUSH WITH THE TOP EDGE FRAME.
3: SDWK SLAB WEIGHT = 1550 LBS (COVER FRAME 377LBS+FRAME 257LBS+CONC 821LBS)
4: 5.25 CU.F.T OF 4000PSI CONCRETE
5: THE MANHOLE COVER FRAME SHALL BE SET CENTER OF THE FRAME AS SHOWN.
6: REV A: CHANGE DWG. FORMAT.

DRAWN: JB	DVLPED: JC	DATE: 6/4/86	REVIEWED: ROS	DATE: 09/02/15	APPRVD: AAT	DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

PHI PEPCO

POWER DISTRIBUTION STANDARDS

4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

ENGINEERING ASSEMBLY SLAB FOR SIDEWALK MANHOLES

QUANTITY	DESIGNATION	DESCRIPTION	REF. DWG
1	MHRSF745SMY	FRAME ROOF SLAB GALV SDWK	6-2-1181sh1
1	MHDAFSMY	FRAME 40" MH COVER DOUBLE ACTING SDWK	6-2-0423

	DESIGNATION	DESCRIPTION	STOCK#
	MHRS745CSMY	SLAB, CONC SDWK ROOF ASSEMBLY	9721-0674

COMPATIBLE UNIT 4'-6" x 6'-10" SIDEWALK SLAB FOR SIDEWALK MANHOLES

QUANTITY	STOCK#	DESCRIPTION	
33'-4"	9700-0024	REBAR SIZE #4	
1	9721-0645	FRAME ROOF SLAB GALV SDWK	EA
1	9721-0606	FRAME 40" MH COVER DOUBLE ACTING SIDEWALK 52"x48"x4"H	EA

DESIGNATION	DESCRIPTION	STOCK#
MHRS745SMY	SLAB, CONC SDWK ROOF ASSEMBLY	9721-0674

NOTE:
REV. A REDRAWN FOR NOTE AND STOCK NO'S FOR WMIS

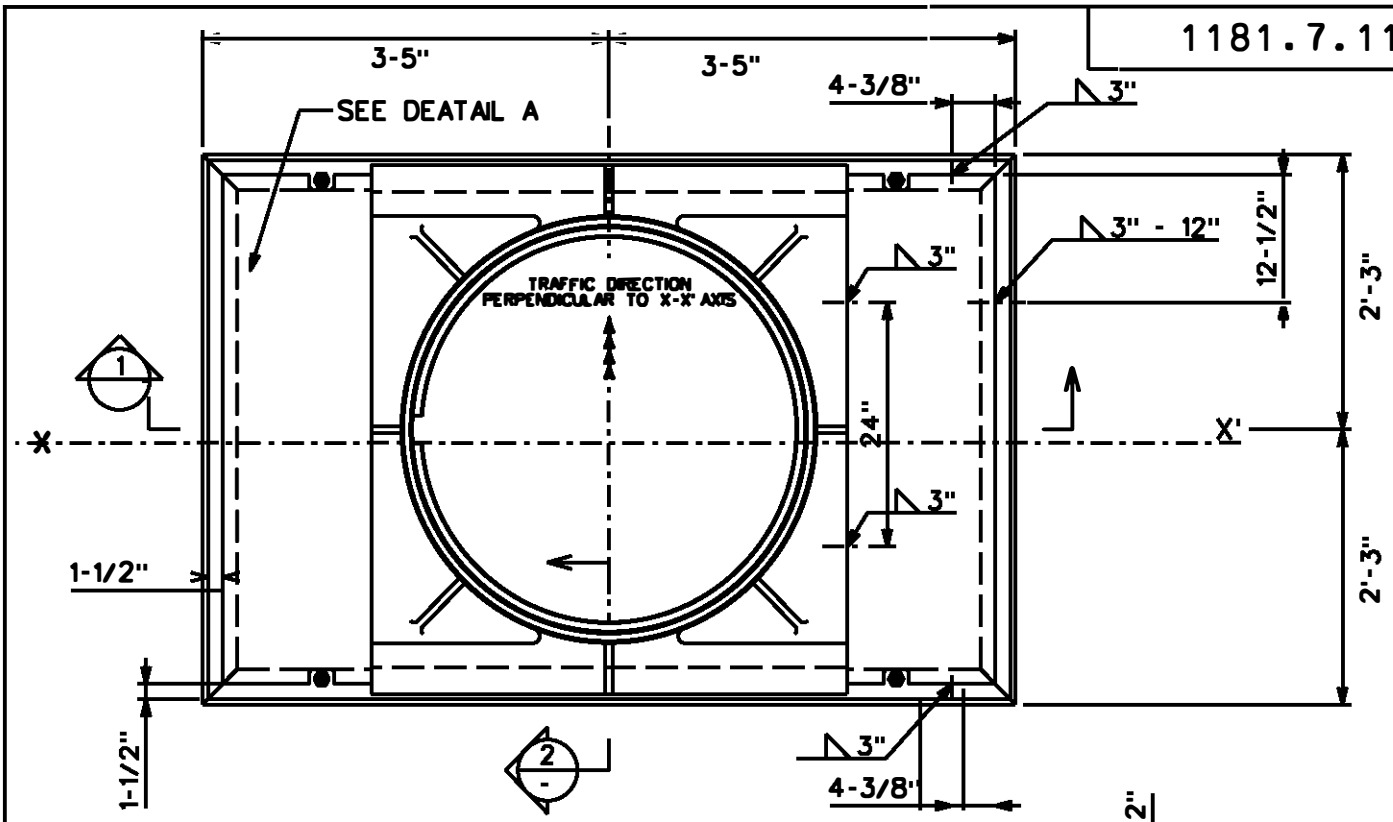
DRAWN: JB	DVLPED:JC	DATE: 6/4/86	REVIEWED:RDS DATE:09/02/15	APPRVD: AAT DATE: 09/02/15	NEXT REVIEW: 1/12	REV: A

PHI PEPCO

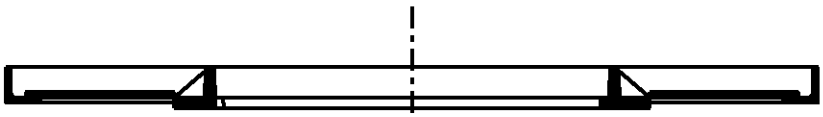
POWER DISTRIBUTION STANDARDS

4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

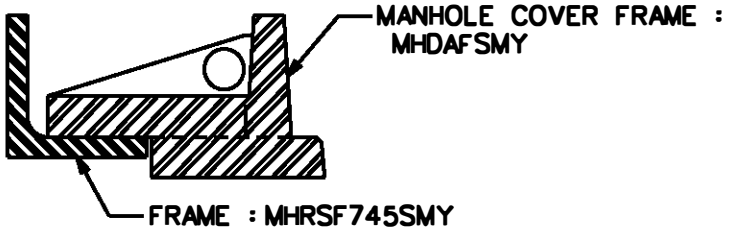
1181.7.11



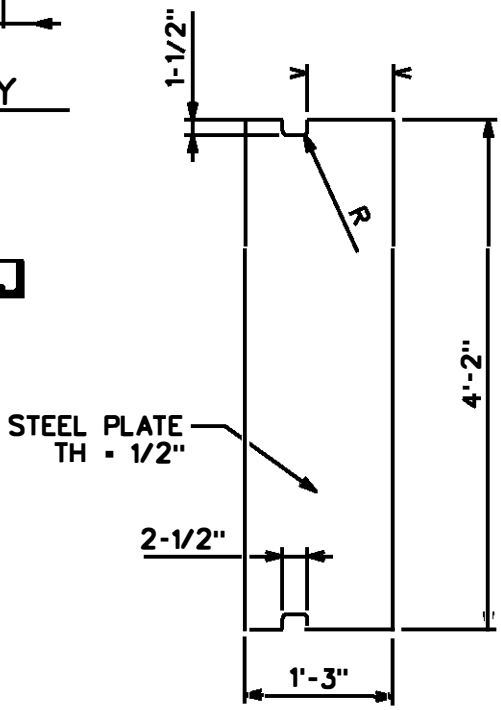
PLAN OF THE SLAB PAN: MHRP745CSMY



SECTION 1



SECTION 2
1" = 5"



DETAIL A

SIDEWALK SLAB NOTES:

1: THE FRAME SHALL BE BUILT WITHOUT STIRRUPS(DETAIL A 6-2-1181 SH 1).
2: SDWK SLAB PAN WITH 38" OPENING WEIGHT = 845 LBS
(COVER FRAME 377LBS+FRAME 257LBS+STEEL PLATES 231LBS)
3: ALL SHOP WORK SHALL BE MADE BEFORE GALVANIZED.
4: THE DOUBLE ACTING COVER SHALL BE SET CENTER OF THE FRAME AS SHOWN.
5: REV. A: CHANGE DWG. FORMAT

DRAWN: JB	DVLPED: JC	DATE: 6/4/86	REVIEWED: RDS DATE: 09/02/15	APPRVD: AAT DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

PHI PEPCO

POWER DISTRIBUTION STANDARDS

4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

ENGINEERING ASSEMBLY SDWK SLAB PAN WITH 38" OPENING

QUANTITY	DESIGNATION	DESCRIPTION	REF. DWG
1	MHRSF745SMY	FRAME ROOF SLAB GALV SDWK	6-2-1181sh1
1	MHDAFSMY	FRAME 40" MH COVER DOUBLE ACTING SDWK	6-2-0423

	DESIGNATION	DESCRIPTION	STOCK•
	MHRP745CSMY	ROOF SLAB PAN SDWK BRICK GALV	9721-0218

COMPATIBLE UNIT SLAB PAN WITH 38" OPENING

QUANTITY	STOCK•	DESCRIPTION	
1	9721-0645	FRAME ROOF SLAB GALV SDWK	EA
1	9721-0606	FRAME 40" MH COVER DOUBLE ACTING SIDEWALK 52"x48"x4"H	EA
2		STEEL PLATE 1'-3" x 4'-2" x 1/2" (DWG 6-2-1181 SH7)	

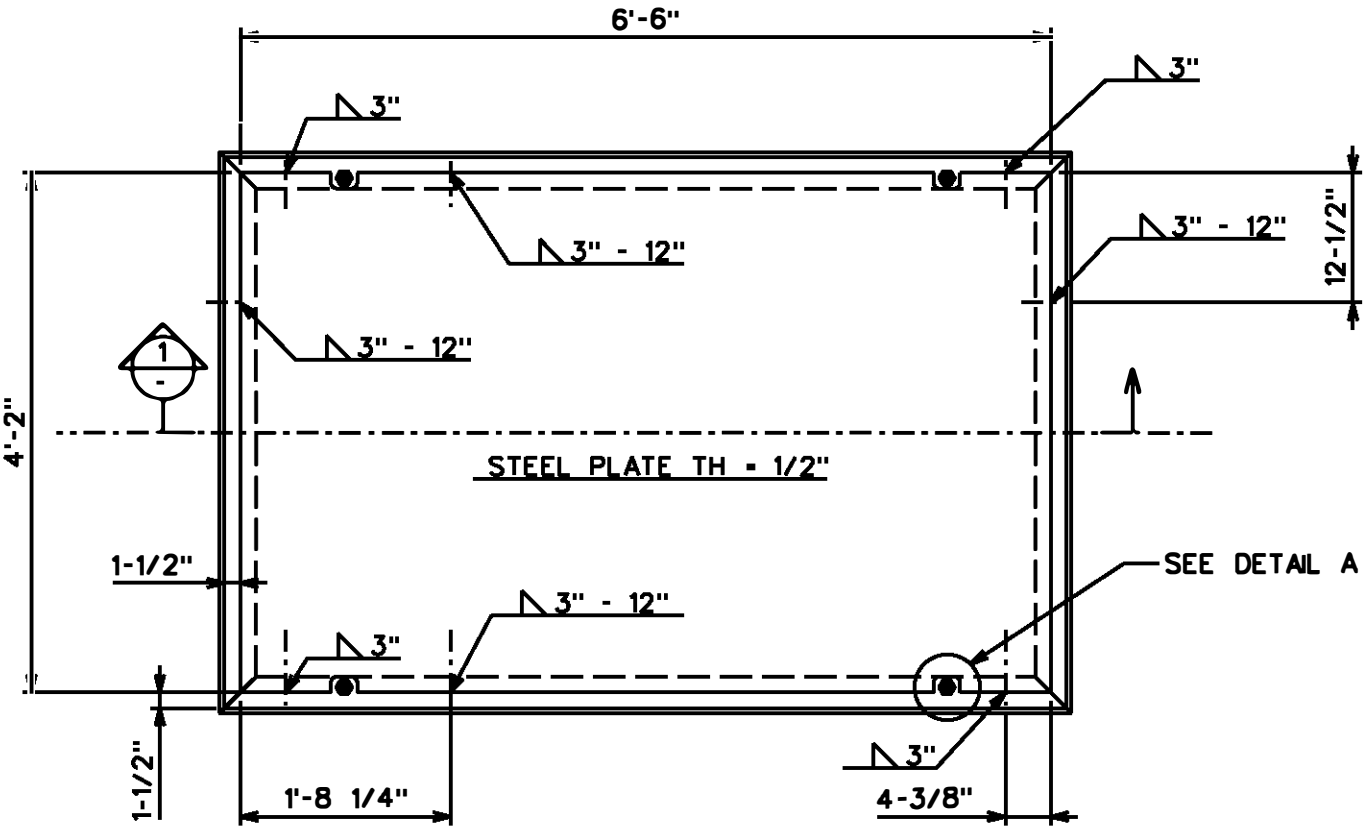
DESIGNATION	DESCRIPTION	STOCK•
MHRP745CSMY	ROOF SLAB PAN SDWK BRICK GALV	9721-0218

DRAWN: JB	DVLPED:JC DATE: 6/4/86	REVIEWED:RDS DATE:09/02/15	APPRVD: AAT DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

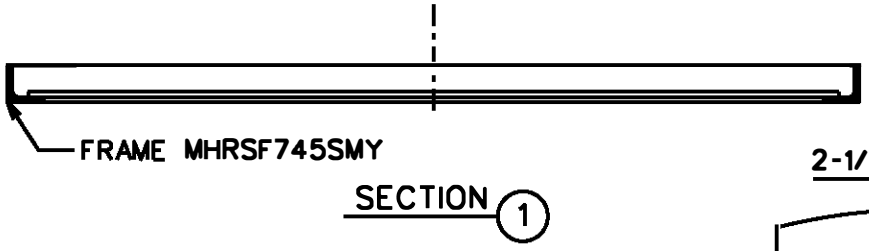
PHI PEPCO

POWER DISTRIBUTION STANDARDS

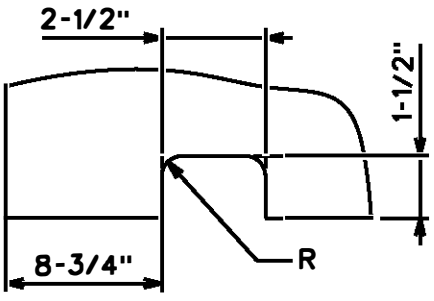
4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES



PLAN OF THE SLAB PAN: MHRP745SMY



SECTION (1)



DETAIL A

SIDEWALK SLAB NOTES:

1: THE FRAME SHALL BE BUILT WITHOUT STIRRUPS(DETAIL A 6-2-1181 SH 1).
2: SDWK SLAB PAN WEIGHT = 820 LBS (FRAME 257LBS+STEEL PLATE 563LBS)
3: THE STEEL PLATE SHALL BE NOTCHED AND WELDED TO THE FRAME BEFORE GALVANIZING.
4: REV. A: CHANGE DWG FORMAT

DRAWN: JB	DVLPED: JC DATE: 6/4/86	REVIEWED: RDS DATE: 09/02/15	APPRVD: AAT DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

PHI PEPCO

POWER DISTRIBUTION STANDARDS

4'-6" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

ENGINEERING ASSEMBLY SDWK SLAB PAN			
QUANTITY	DESIGNATION	DESCRIPTION	REF. DWG
1	MHRSF745SMY	FRAME ROOF SLAB GALV SOWK	6-2-1181sh1

	DESIGNATION	DESCRIPTION	STOCK•
	MHRP745SMY	ROOF SLAB PAN SDWK BRICK GALV	9721-0222

COMPATIBLE UNIT SLAB PAN			
QUANTITY	STOCK•	DESCRIPTION	
1	9721-0645	FRAME ROOF SLAB GALV SDWK	EA
1		STEEL PLATE 6'-6" x 4'-2" x 1/2" (DWG 6-2-1181 SH9)	

DESIGNATION	DESCRIPTION	STOCK•
MHRP745SMY	ROOF SLAB PAN SDWK BRICK GALV	9721-0222

NOTE:

REV. A: REDRAWN FOR NOTES AND STOCK NO'S FOR WMIS

DRAWN: JB	DVLPED: JC	DATE: 6/4/86	REVIEWED: RDS	DATE: 09/02/15	APPRVD: AAT	DATE: 09/02/15	NEXT REVIEW: 09/19	REV: A

PHI PEPCO

POWER DISTRIBUTION STANDARDS

4'-0" x 6'-10" FLUSH TYPE ROOF SLABS FOR SIDEWALK MANHOLES

WELDING SPECIFICATIONS

1: ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.

2: ALL STEEL IS TO BE WELDED IN ACCORDANCE WITH AWS D1.1 USING EITHER THE SMAW PROCESS (AWS SPEC. A5.1) OR THE FCAW PROCESS (AWS SPEC. A5.20 OR A5.29).

3: ALL WELDING IS TO BE PERFORMED ACCORDING TO WELDING PROCEDURE SPECIFICATIONS PFAB200601, PFAB200602 AND PFAB200603.

4: ALL WELDERS ARE TO BE QUALIFIED ACCORDING TO AWS D1.1.

5: ALL WELDER CERTIFICATION RECORDS ARE TO BE DOCUMENTED. MAINTAINED ANO AVAILABLE FOR INSPECTION/VERIFICATION.