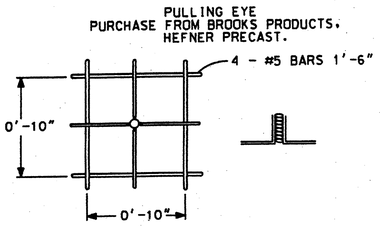
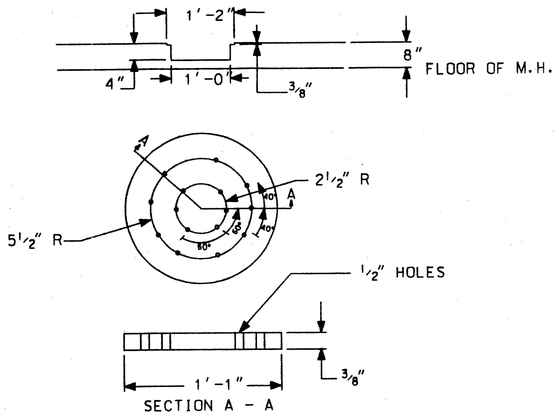
DETAIL # (12)



PULLING EYE DETAIL

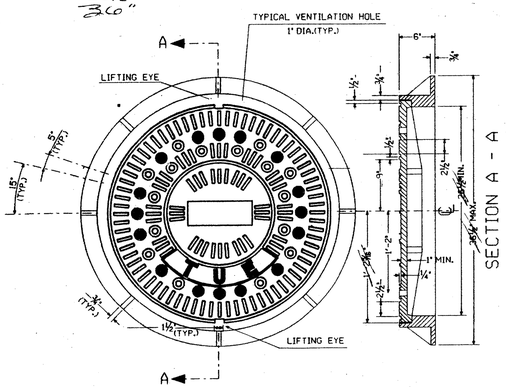
DETAIL # (14)

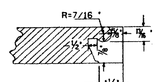


SUMP DETAIL

DETAIL # (15)

~~26½"~~ 36" MH COVER AND FRAME





LIFTING EYE SECTION DETAIL

GENERAL NOTES

BEARING SURFACE BETWEEN COVER AND FRAME SHALL BE MACHINED.

COVER AND FRAME SHALL BE CONSTRUCTED TO H-20 TRAFFIC LOADING.

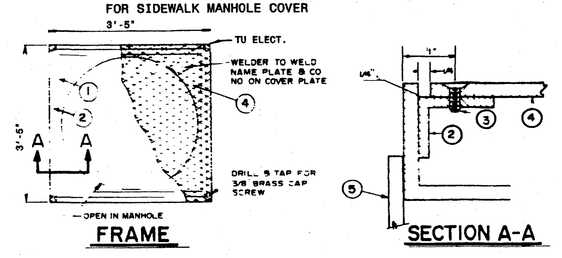
COVER AND FRAME SHALL BE CONSTRUCTED OF GRAY CAST IRON.

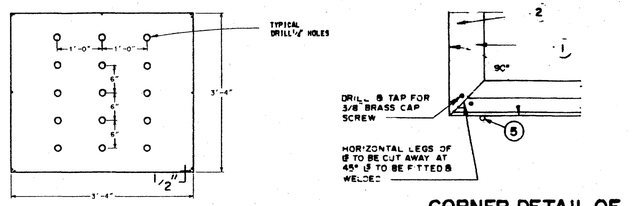
MANHOLE COVER AND FRAME SHALL NOT EXCEED 700 lbs.

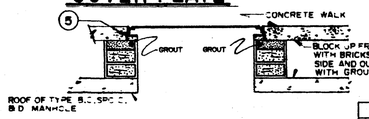
DETAIL # (16)

— FABRICATION & INSTALLATION DETAILS —

FOR SIDEWALK MANHOLE COVER





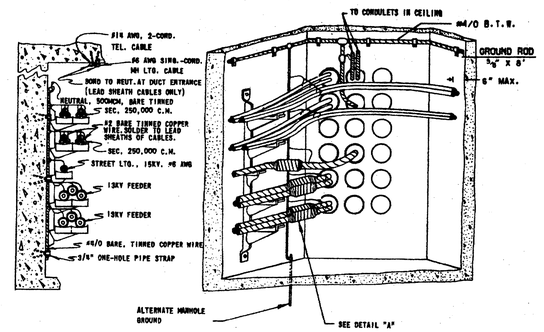


TYPICAL INSTALLATION

BILL OF MATERIAL			
ITEM	QUAN	DESCRIPTION	STK. NO.
1	4	2½" x 2½" x ¼" x 3'-5" LONG	
2	4	1¾" x 1¾" x ¾" x 3'-4" LONG	
3	2	⅜" x 1½" x BRASS CAP SCREWS FLAT HEADS	
4	1	3'-4" x 3'-4" x 3/16" NO SKID STEEL PLATE	
5	4	#3 BAR - 2'-9"	

DETAIL # (17)

TYPICAL MANHOLE SHOWING GROUNDING DETAILS

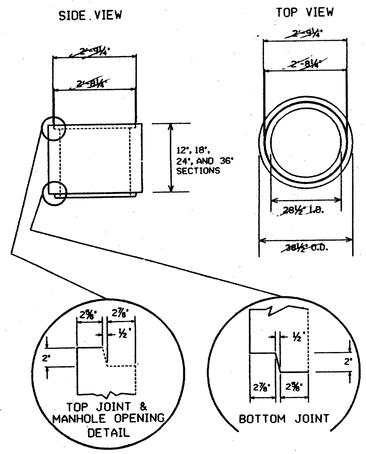


GROUND RODS FURNISHED BY TU ELECTRIC AND INSTALLED BY CONTRACTOR

DETAIL "A"

DETAIL # (13)

~~26½"~~ 36" NECK DETAIL (PRECAST)



RECORD DRAWING E11

CD

TU ELECTRIC

DRAWN	CH.	APP.	APP.			
UNIT ID						
DWG TYPE						

REVISION DESCRIPTION

W.A.	ESTIMATE					
NO.						
DATE						

W.A.	LIST OF DRAWINGS					
APP. PRN						
APP. JES						
ENG. JRC						
CH. JRC						
DWN. MED						
DATE 05-12-92						

SCALE (H=NO SCALE) (V=NO SCALE)

NETWORK UNDERGROUND APPURTENANCE SHEETS MISCELLANEOUS DETAILS

E-NUA-1
SHEET NO. 7