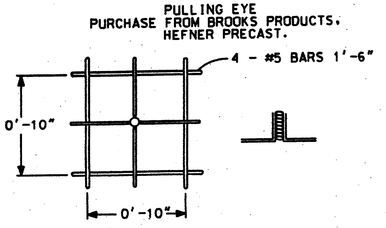
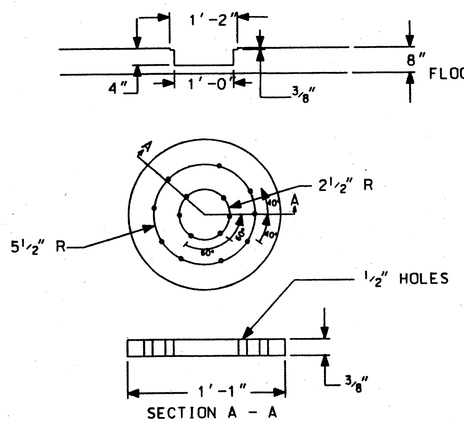
DETAIL # (12)



PULLING EYE DETAIL

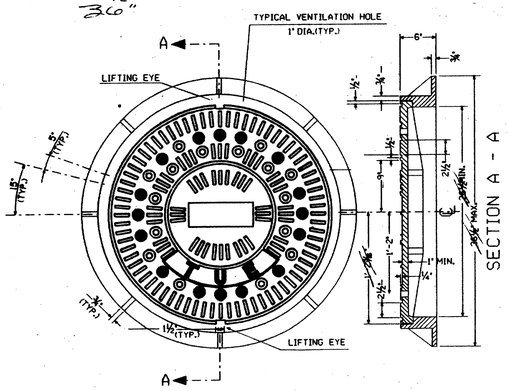
DETAIL # (14)

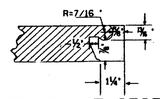


SUMP DETAIL

DETAIL # (15)

~~26½"~~ 36" MH COVER AND FRAME





LIFTING EYE SECTION DETAIL

GENERAL NOTES

BEARING SURFACE BETWEEN COVER AND FRAME SHALL BE MACHINED.

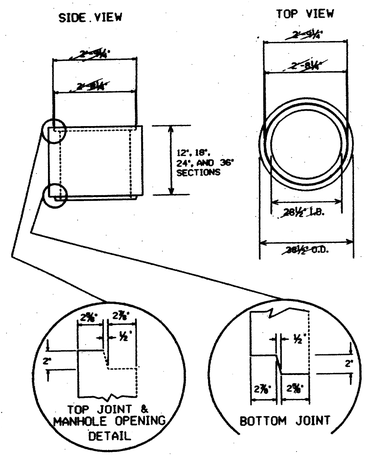
COVER AND FRAME SHALL BE CONSTRUCTED TO H-20 TRAFFIC LOADING.

COVER AND FRAME SHALL BE CONSTRUCTED OF GRAY CAST IRON.

MANHOLE COVER AND FRAME SHALL NOT EXCEED 700 lbs.

DETAIL # (13)

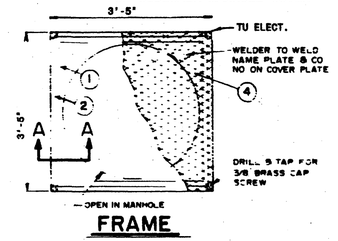
~~26½"~~ 36" NECK DETAIL (PRECAST)



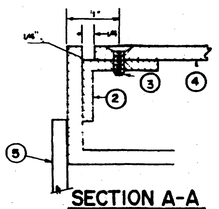
DETAIL # (16)

— FABRICATION & INSTALLATION DETAILS —

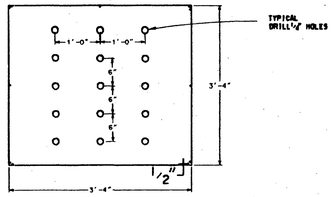
FOR SIDEWALK MANHOLE COVER



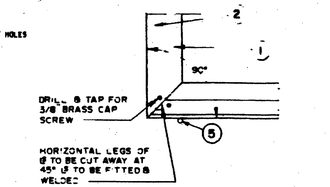
FRAME



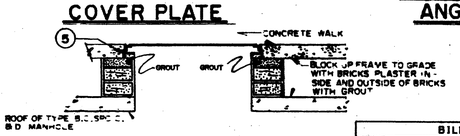
SECTION A-A



COVER PLATE



CORNER DETAIL OF ANGLE FRAME

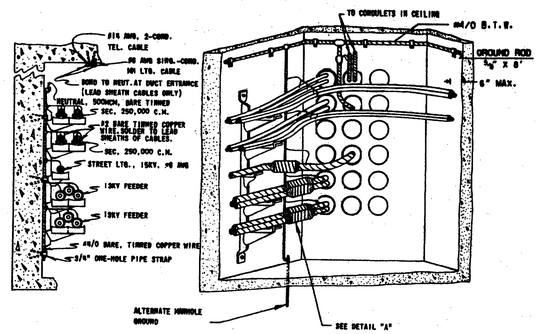


TYPICAL INSTALLATION

BILL OF MATERIAL			
ITEM	QUAN	DESCRIPTION	STK. NO.
1	4	2½" x 2½" x ¼" x 3'-4" LONG	
2	4	1¼" x 1¼" x ⅛" 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'-2"	

DETAIL # (17)

TYPICAL MANHOLE SHOWING GROUNDING DETAILS



GROUND RODS FURNISHED BY TU ELECTRIC AND INSTALLED BY CONTRACTOR

DETAIL "A"

RECORD DRAWING

10/3/97 ISSUED FOR CONSTRUCTION

E18

CD

TU ELECTRIC

REVISION DESCRIPTION	DRAWN	CH.	APP.	APP.

UNIT ID

DWG TYPE

SCALE (H=NO SCALE) (V=NO SCALE)	LIST OF DRAWINGS	ESTIMATE	W.A.	NO.	DATE

NETWORK UNDERGROUND
APPURTENANCE SHEETS
MISCELLANEOUS DETAILS

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

E-NUA-1
SHEET NO. 7