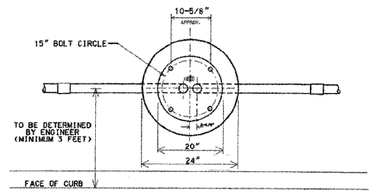
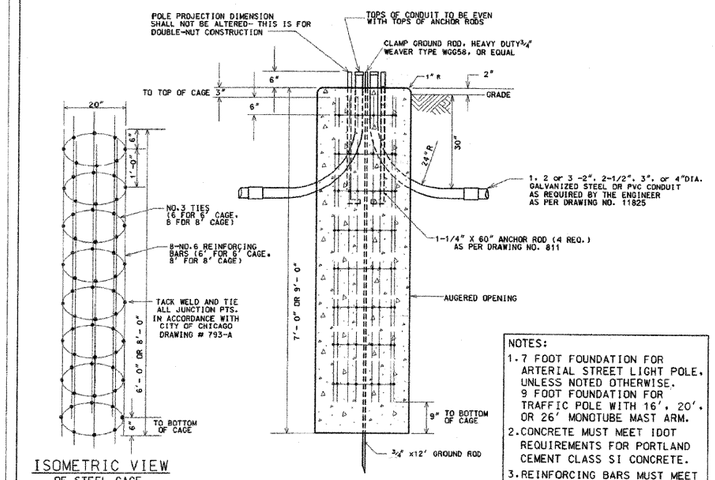
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1919.2B	COOK	119	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT #60371



TOP VIEW



ISOMETRIC VIEW
OF STEEL CAGE

ELEVATION

NOTES:
1. 7 FOOT FOUNDATION FOR ARTERIAL STREET LIGHT POLE. UNLESS NOTED OTHERWISE. 9 FOOT FOUNDATION FOR TRAFFIC POLE WITH 16', 20', OR 26' MONOTUBE MAST ARM.
2. CONCRETE MUST MEET IDOT REQUIREMENTS FOR PORTLAND CEMENT CLASS SI CONCRETE.
3. REINFORCING BARS MUST MEET ASTM A-615 GRADE 60.

NOTE: HOLE FOR FOUNDATION MUST BE AUGURED IN UNDISTURBED SOIL

CODE	COMMODITY	SIZE	QUANTITY
05-3267-2940	REDI-MIX CONCRETE	CU. YD.	0.82 OR 1.05
09-4001-	ELBOW, LARGE RADIUS	2",2-1/2",3",4"	VARIES
37-8180-0200	ANCHOR ROD	1-1/4" X 60"	4
05-5064-6910	RE-BAR CAGE	20"R X 6'(or 8')	1
09-7756-9200	GROUND ROD	5/8" X 12'-0"	1
09-2636-3240	GROUND ROD CLAMP	3/4 "	1
09-2092-	GROUND BUSHING	2",2-1/2",3" OR 4"	VARIES

DATE	REVISION
8/21/02	SUPERCEDES DWG #818 DRAWN 4/21/81

FOUNDATION FOR 34'-6" ARTERIAL STREET LIGHT OR TRAFFIC SIGNAL POLE - 3 OR 7 GAUGE WITH 15" BOLT CIRCLE

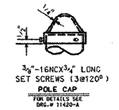
CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

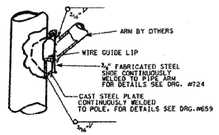
DRAFTSMAN	CHIEF DRAFTSMAN	DRAFTSMAN
B. GARNSEY	R. CARTER	B. GARNSEY

ELECTRICAL DESIGN ENGINEER
ENGINEER OF ELECTRICITY
GENERAL SUPT. OF ELECTRICITY
DEPUTY COMMISSIONER

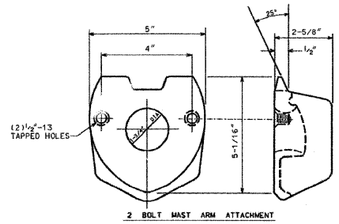
DRAWING NO. 818

SIZE: 11" x 17" SCALE: NONE DATE: 8/21/02

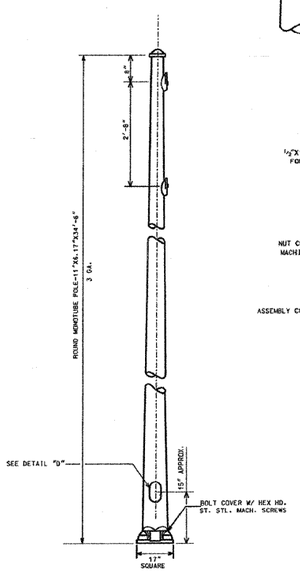


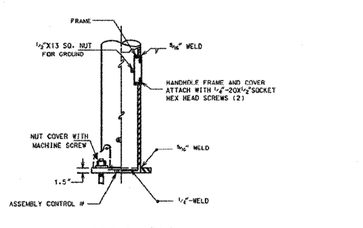


SECTION AT POLE PLATE

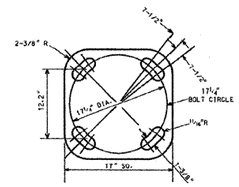


2 BOLT MAST ARM ATTACHMENT
FOR DETAILS SEE DRG.# 659 MATERIAL: CAST STEEL

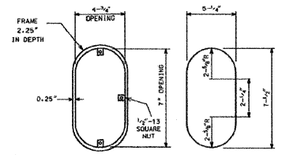




DETAIL "D"



DETAIL "A"
BOLT SLOTS



FRAME DOOR

HANDHOLE DETAIL

6.17"x11.0" STEEL/34'-6" POLE
3 GAUGE

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DRAFTSMAN	CHIEF DRAFTSMAN	ENGINEER
ROBERT IVY	ROBERT CARTER	RON POOL

SUPERVISING ENGINEER: ELEC. DESIGN ENGR.
ENGINEER OF ELECTRICITY:
GENL. SUPT. OF ELECTRICITY:
DEPUTY COMMISSIONER:

DWG. NO. 824

10-03-01

* CITY OF CHICAGO BUREAU OF ELECTRICITY STANDARD DRAWINGS ARE PROVIDED IN ENGLISH UNITS.

SINGH & ASSOCIATES, INC.
CONSULTING ENGINEERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
115TH STREET OVER I-57
CITY OF CHICAGO
BUREAU OF ELECTRICITY
STANDARD DRAWINGS

SCALE: NONE DRAWN BY: VG
DATE: 01-16-09 CHECKED BY: PV