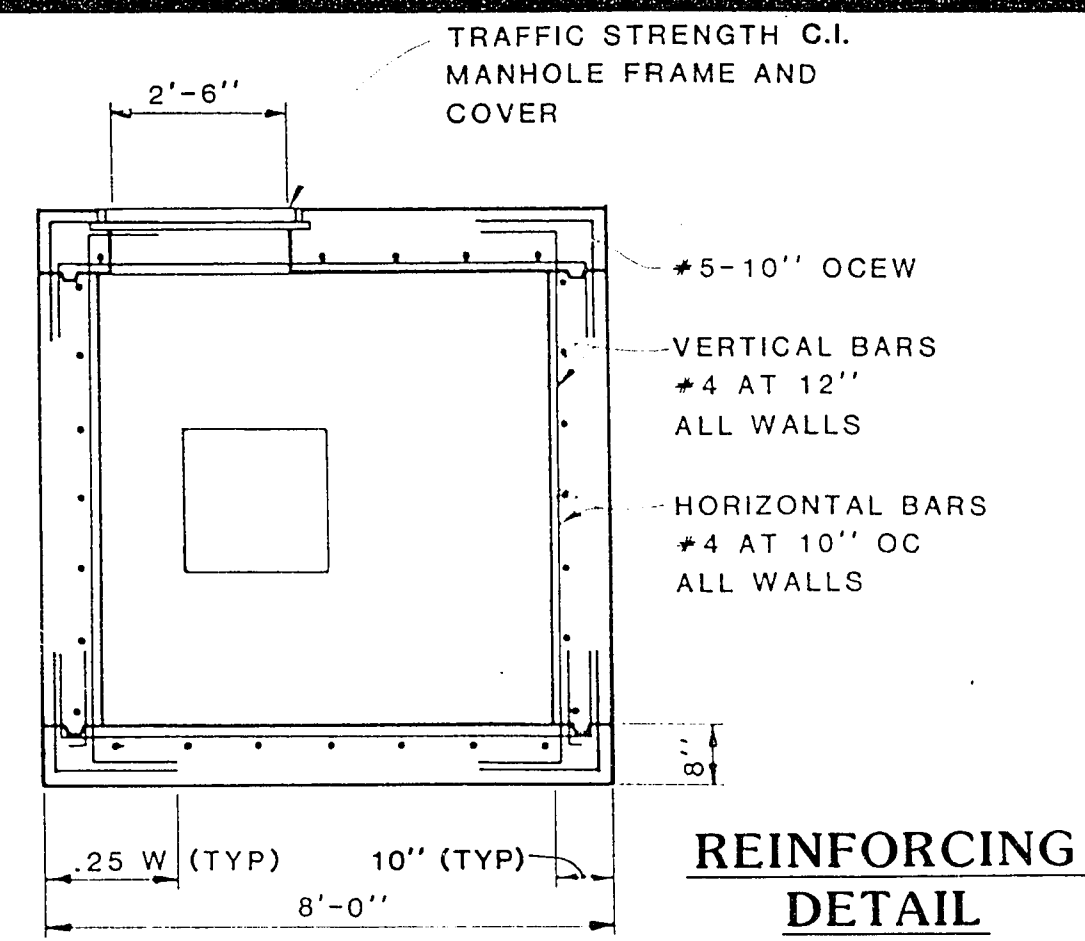
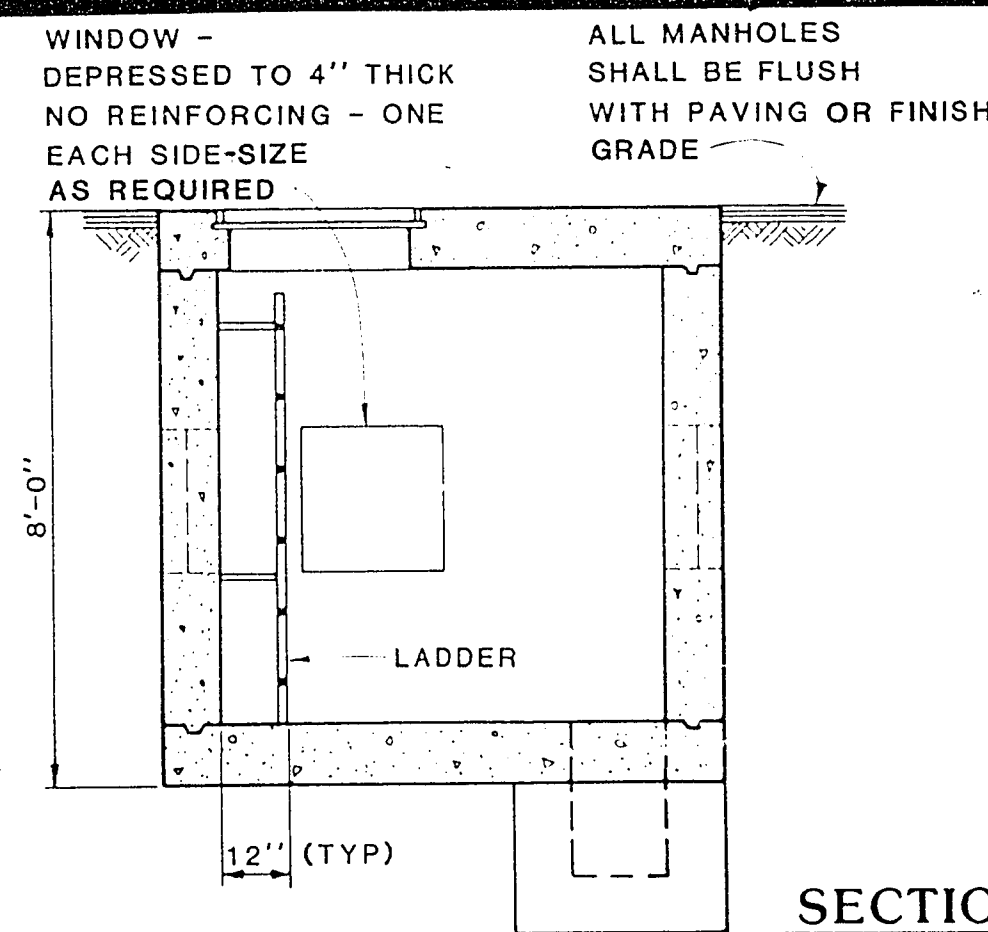
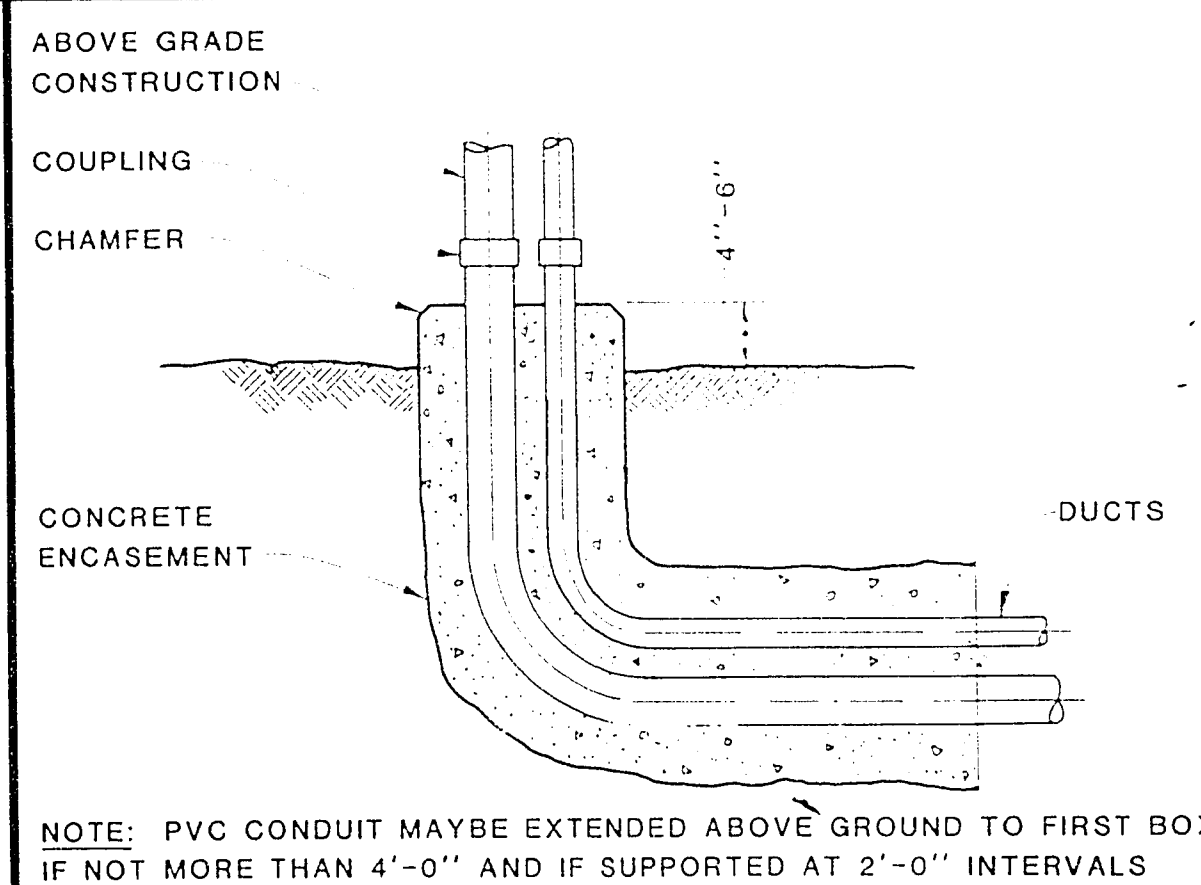


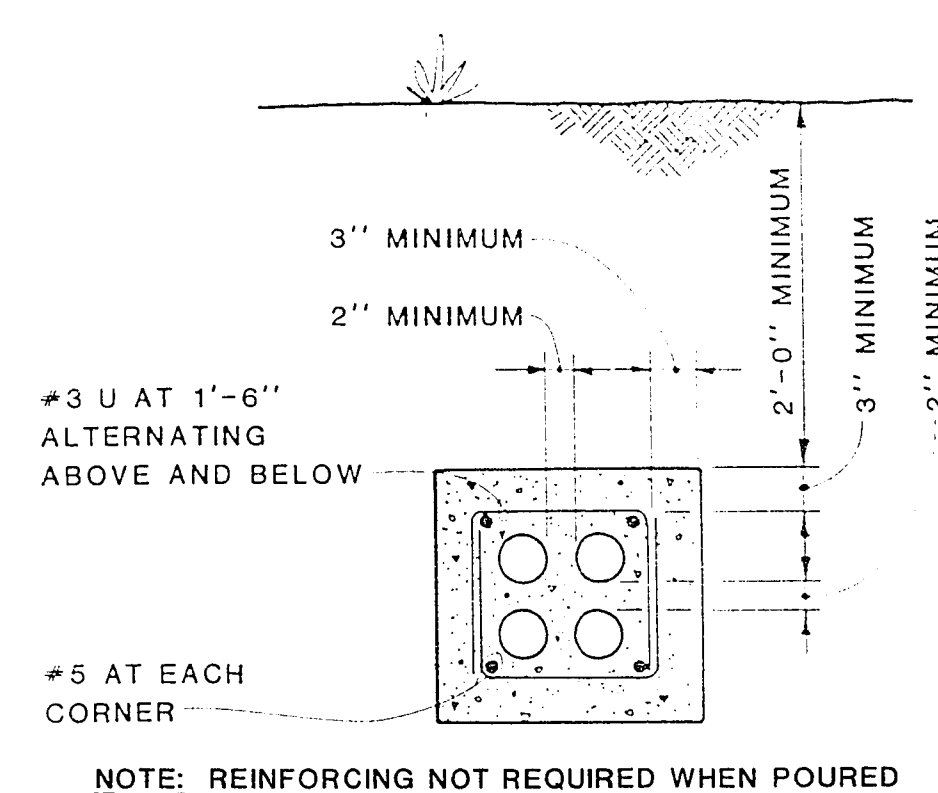


SCHEDULE OF MANHOLES	
MH-P-1 & 4	NPC APPROVED PRIMARY TRAFFIC TYPE, PER NPC SPECIFICATION
MH-J, K, L, M, N, O, P, Q, R & S	8'-8'-8" NOMINAL CONCRETE VAULT PER DETAIL THIS SHEET OR PRECAST VAULTS OF SIMILAR CONSTRUCTION

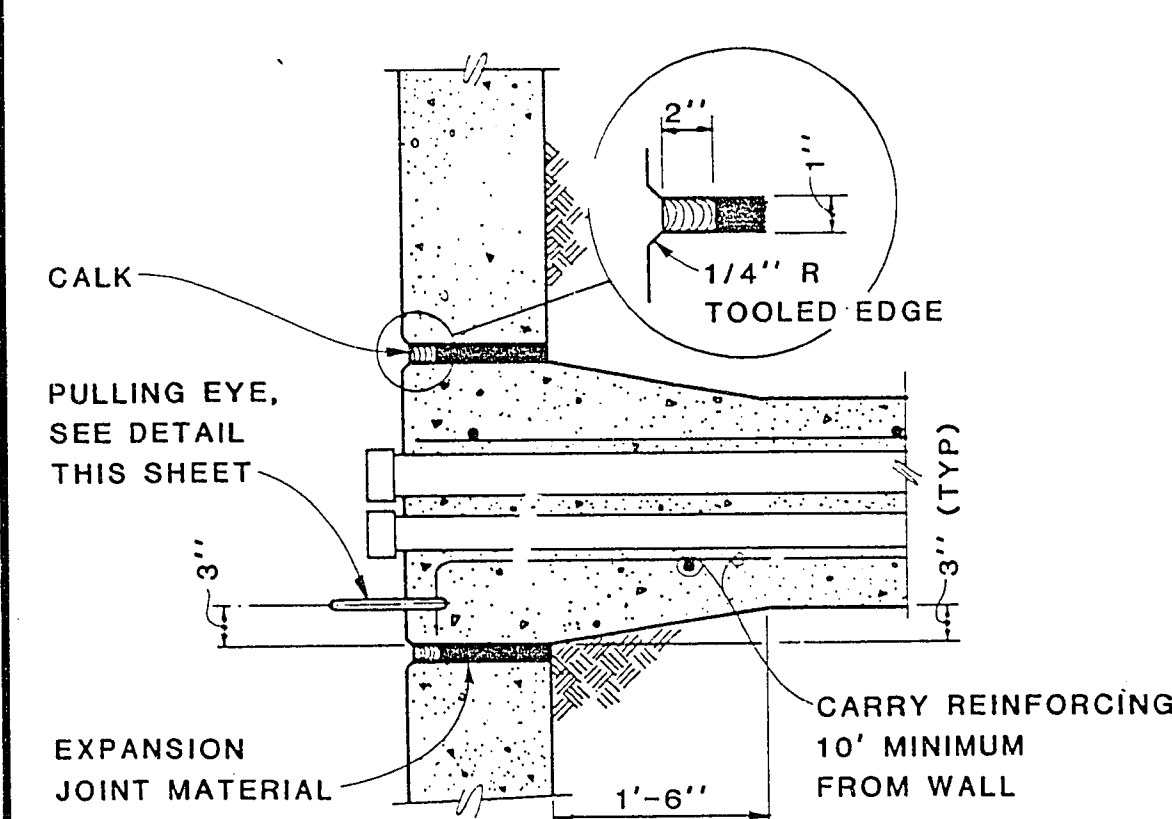
MANHOLE DETAILS



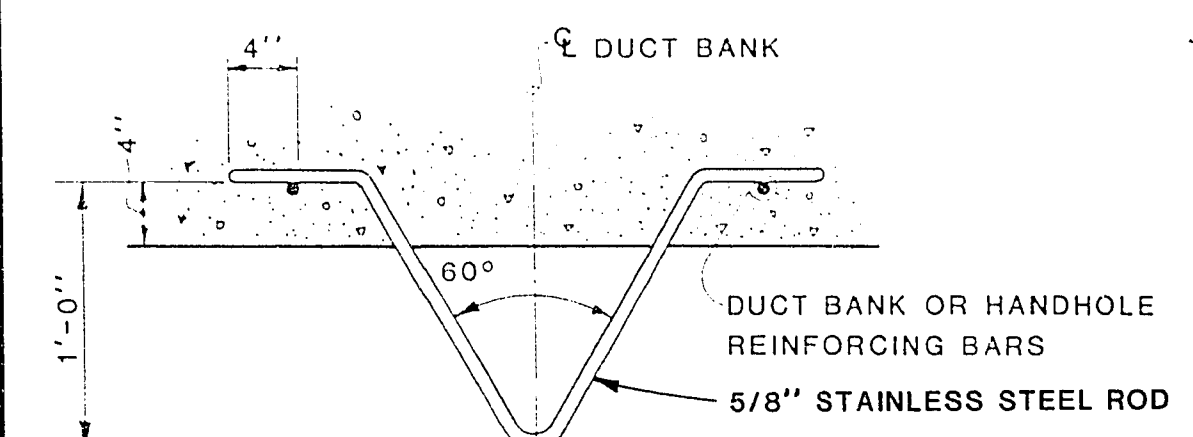
CONDUIT RISER FROM GROUND



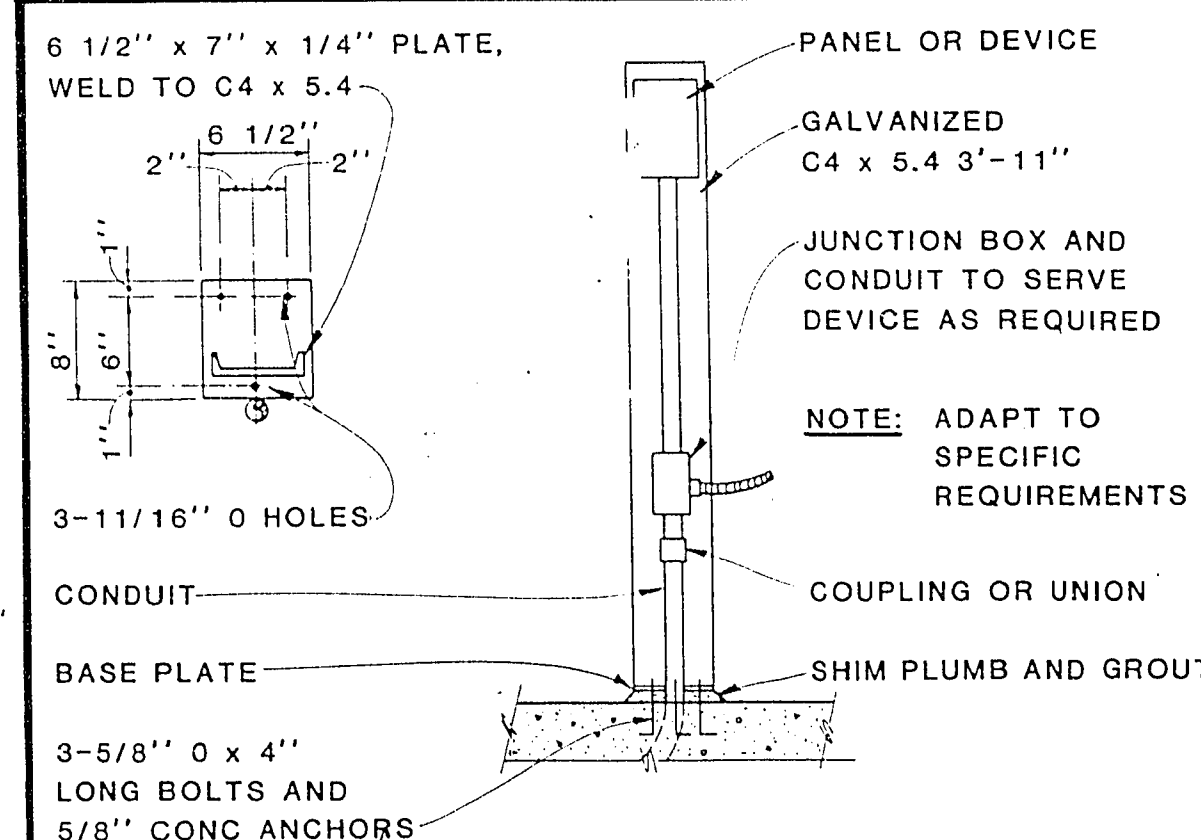
**TYPICAL DUCT
BANK SECTION**



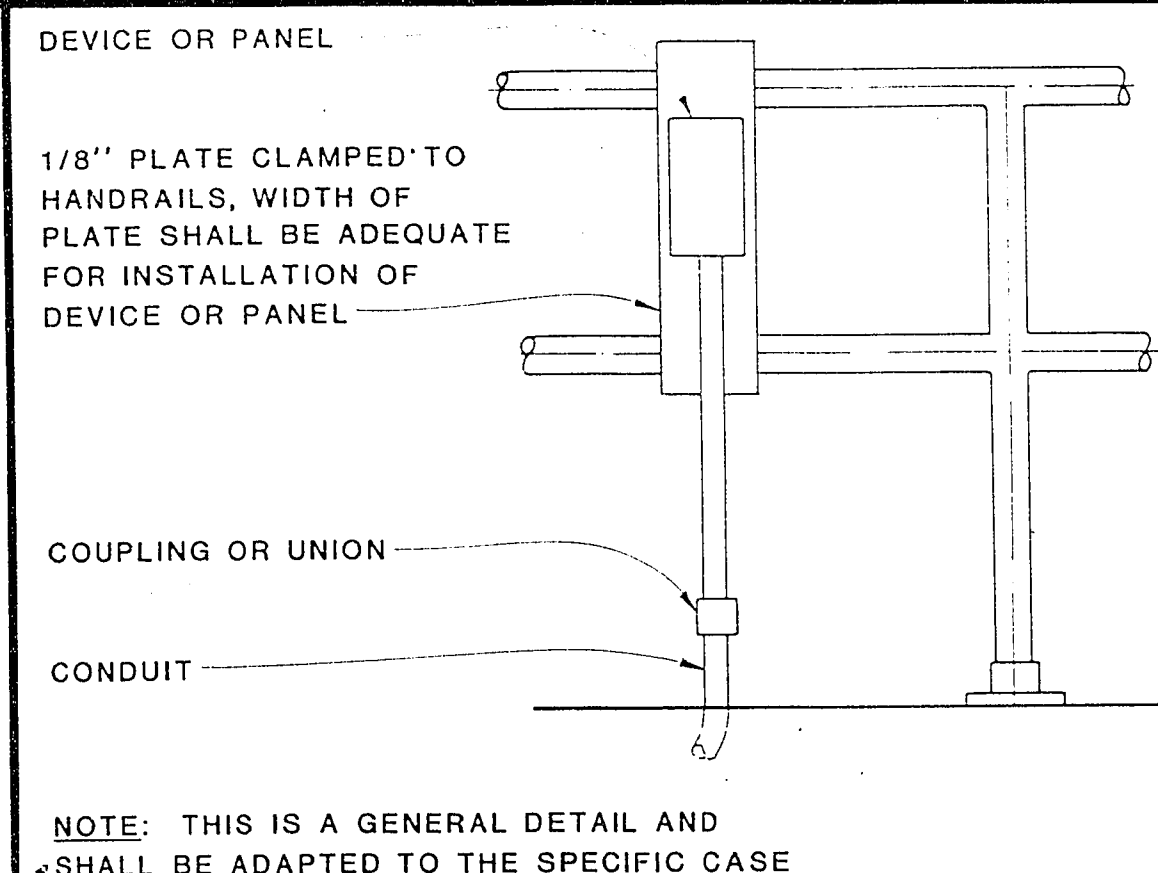
DETAIL



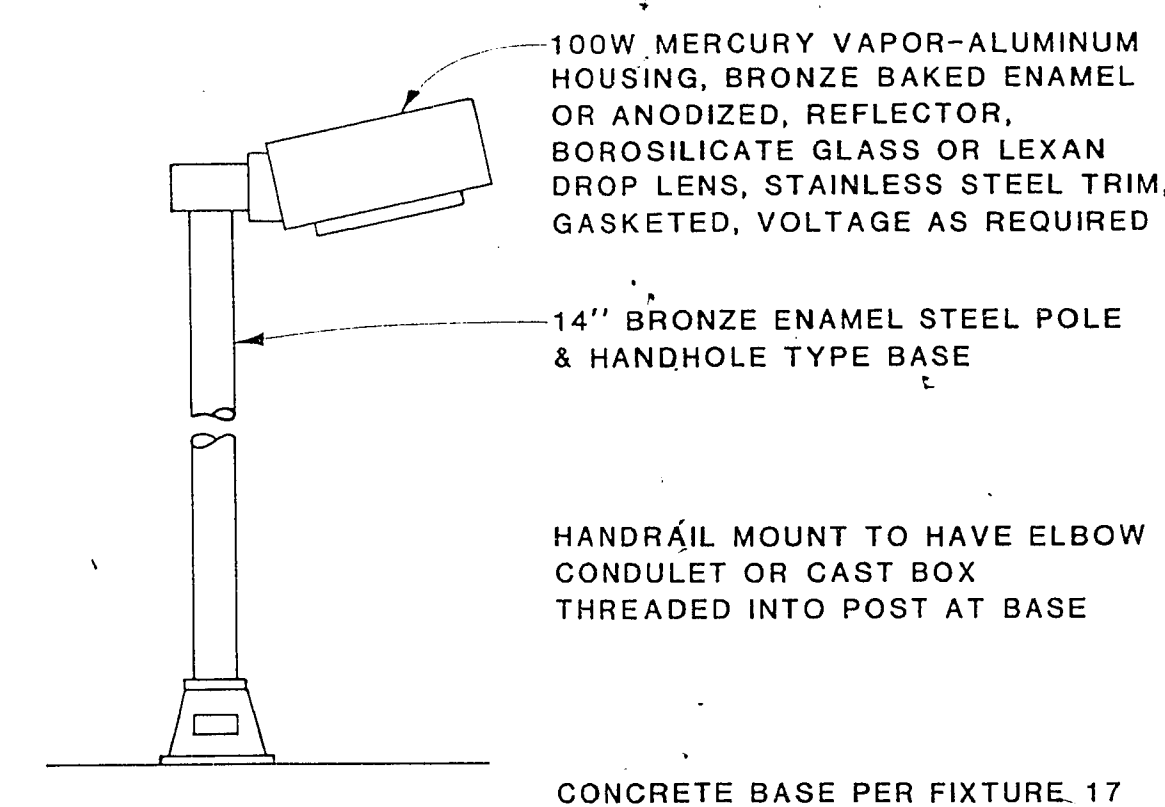
PULLING EYE DETAIL



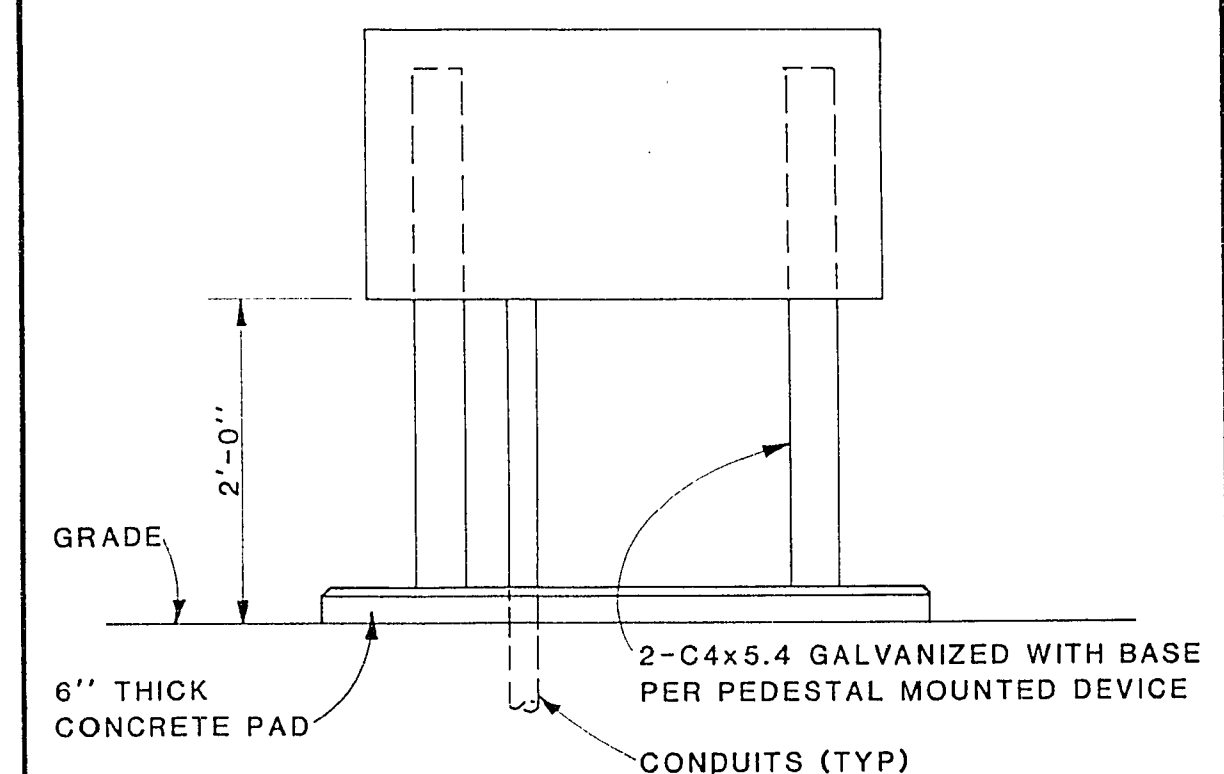
TYPICAL PEDESTAL MOUNTED DEVICE



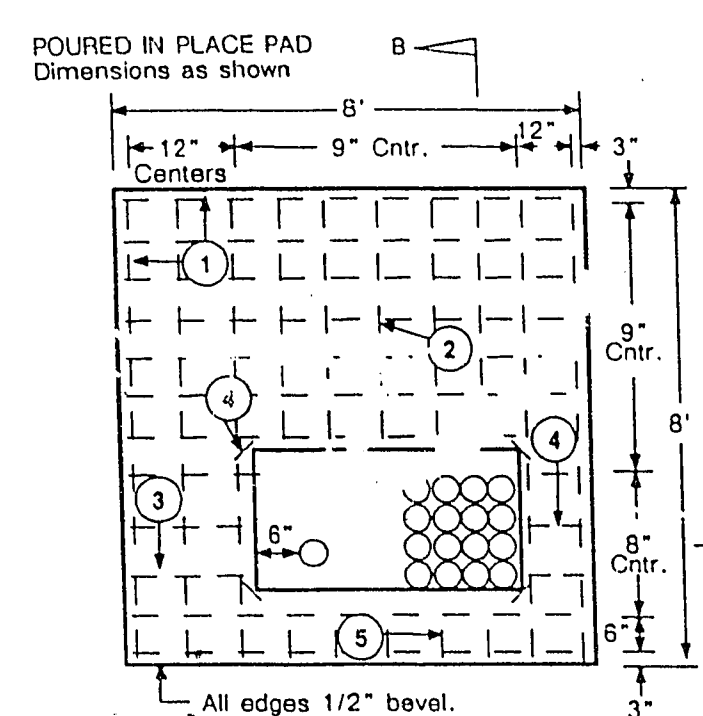
TYPICAL HANDRAIL
MOUNTED DEVICE
NTS



P-POLE MOUNTED WITH CONCRETE BASE (SAME AS TYPE 17)
H-HANDRAIL EXTENSION POLE MOUNTED
LIGHTING FIXTURE TYPE 16
NTS

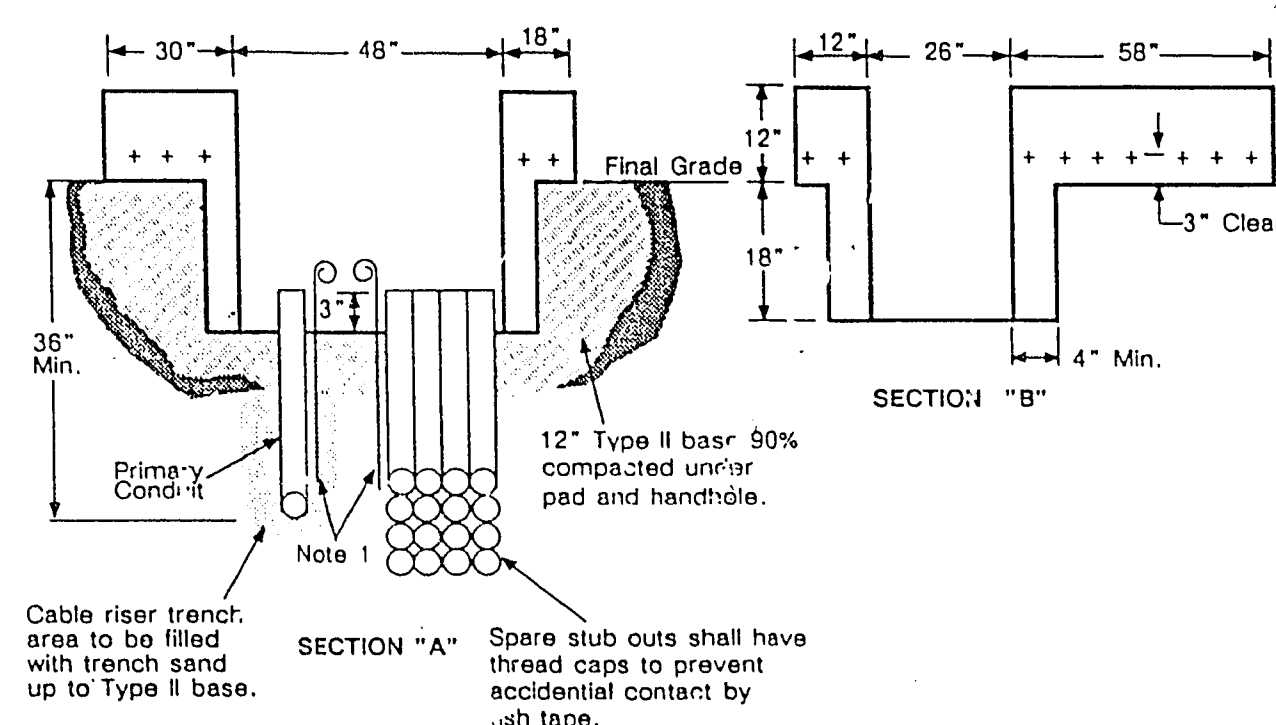


LARGE PEDESTAL MOUNTED JUNCTION BOX

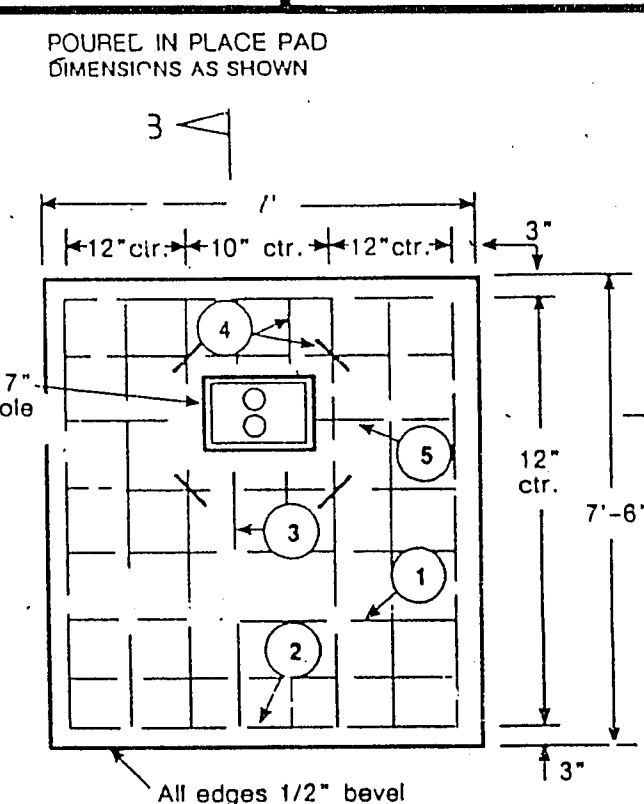


APPROVED PRECAST PAD	
MANUFACTURER	CATALOG NUMBER
Rockway	R 13-37
New Precast	NP13-
Jensen	J13-

APPROVED 30" x 48" x 18" PADHOLE	
Rockway	R 18
New Precast	NP200-18
Jensen	J18-18



TRANSFORMER PAD DETAIL

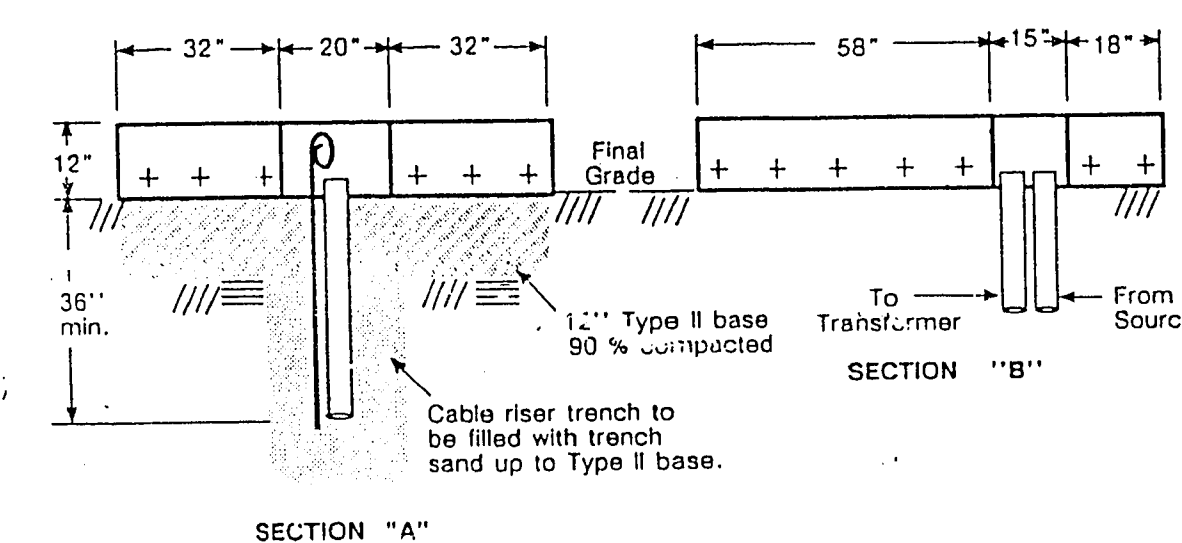


APPROVED PRECAST PAD	
MANUFACTURER	CATALOG NO.
JENSEN	RS-46
NEV. PRECAST	RS-46
ROCKWAY	RS-46

APPROVED 10" X 17" HANDHO	
MANUFACTURER	CATALOG NO.
JENSEN	N9
NEV. PRECAST	3-1/2
ROCKWAY	R3-1/2

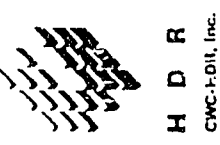
4 Rebar (Typical)

1	7 ea.	6'-6"
2	6 ea.	7'-0"
3	2 ea.	4'-0"
4	6 ea.	1'-0"
5	2 ea.	2'-0"



- NOTES:
1. Grounding shall be one 30' length of #2 str.-std bare copper ground wire, by contractor, with 5' tail in the pad opening. Placed in box .03m of primary trench.
If trench is too short then replace its wire with a 1/2" x 8" copper clad ground rod.
 2. For location and clearance to other structures see Sls. RS-5
 3. Poured in place pad requirements:
A. Concrete mix shall be class 60-3000 per Clark County requirements.
B. Top of pad to be smooth and level with 1/2" level on all outer edges.
C. Reinforcing will required when grade from pad rises more than 1' in 5'.

METERING PAD DETAIL



Job No. 740.11
Designed WFE
Drawn GKS
Checked DJR
Approved DAP
Date 12/9/88

No.	By	Revision Description	Date
1	1	1	4/92
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City of Las Vegas
WASTEWATER TREATMENT PLANT
Main Plant Expansion
Contract No. 1

ELECTRICAL

SITE DETAILS