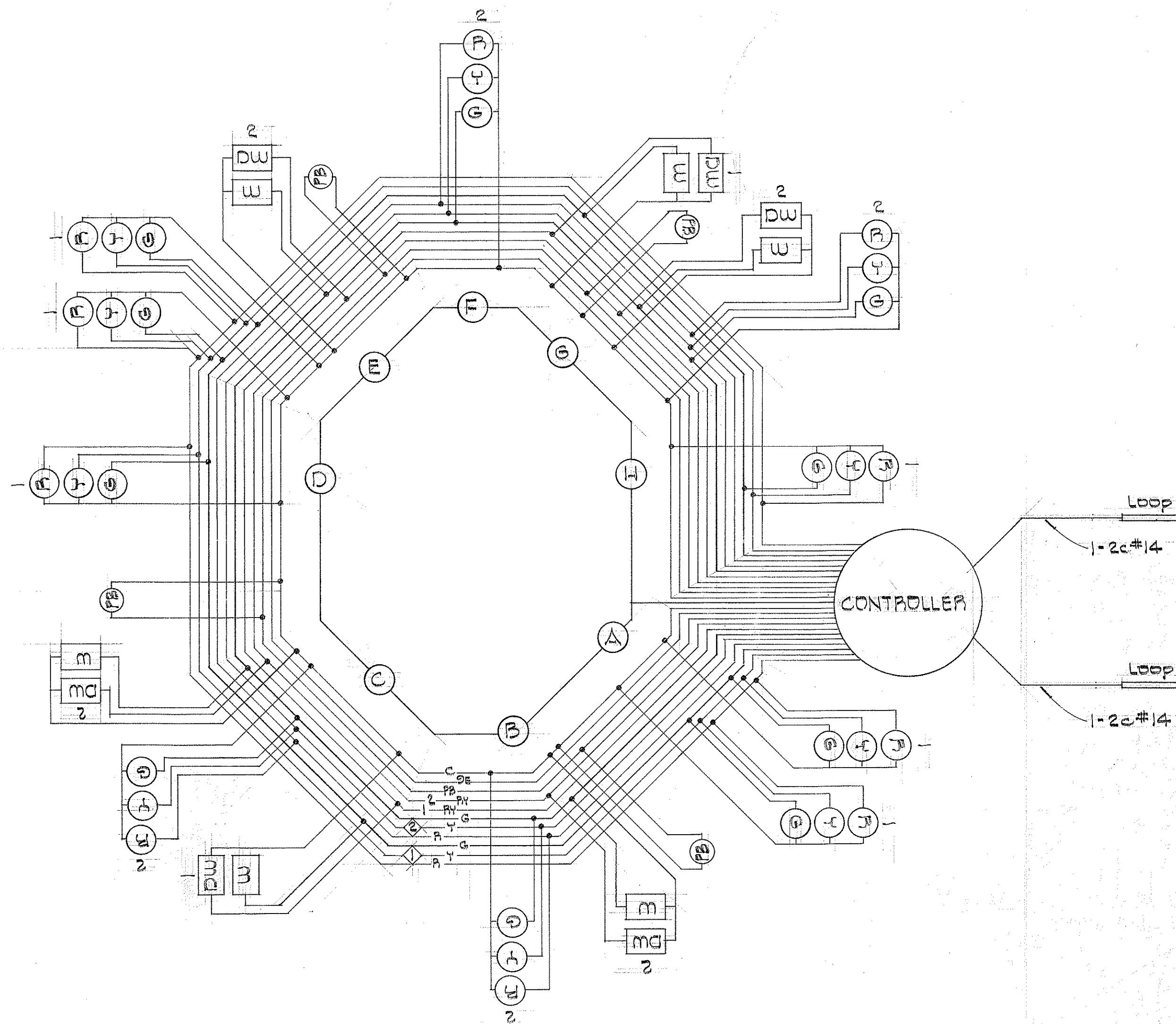
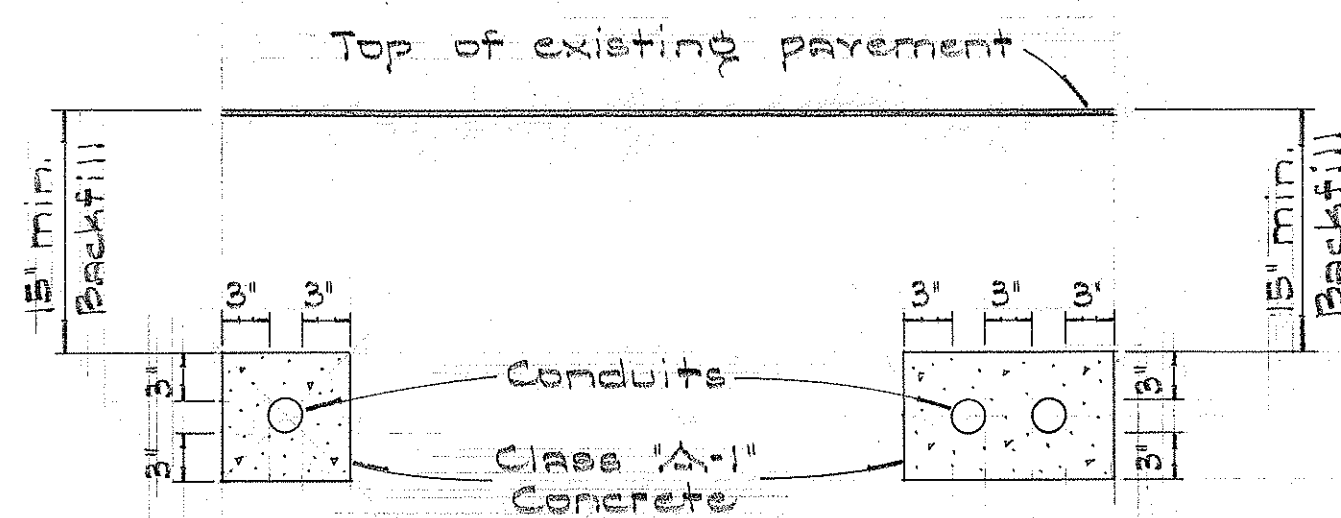




WIRING DIAGRAM
No Scale



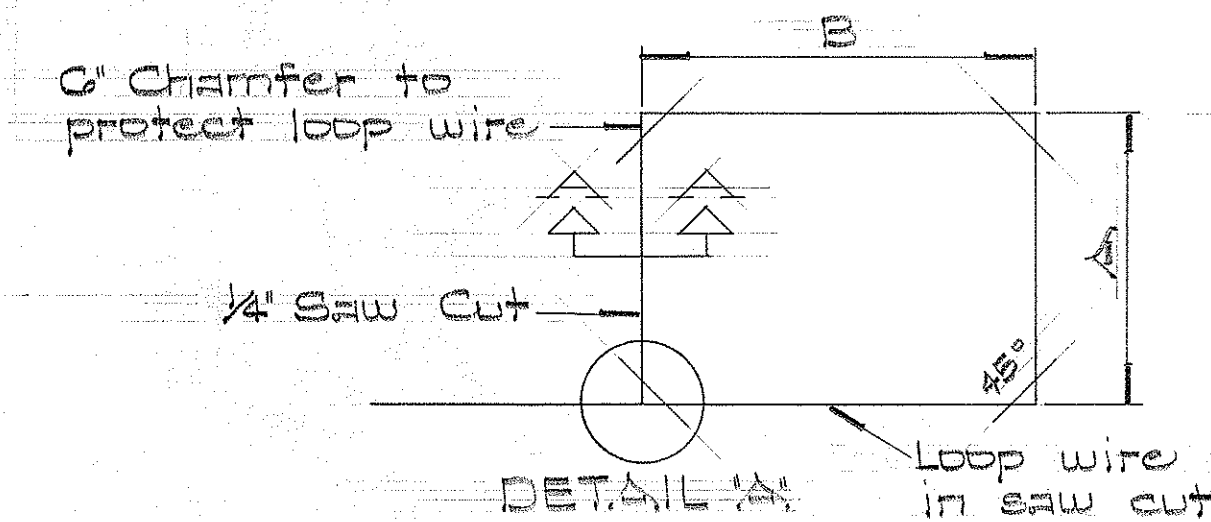
TYPICAL DETAIL OF CONDUITS
ENCASED IN CONCRETE
No Scale

LEGEND

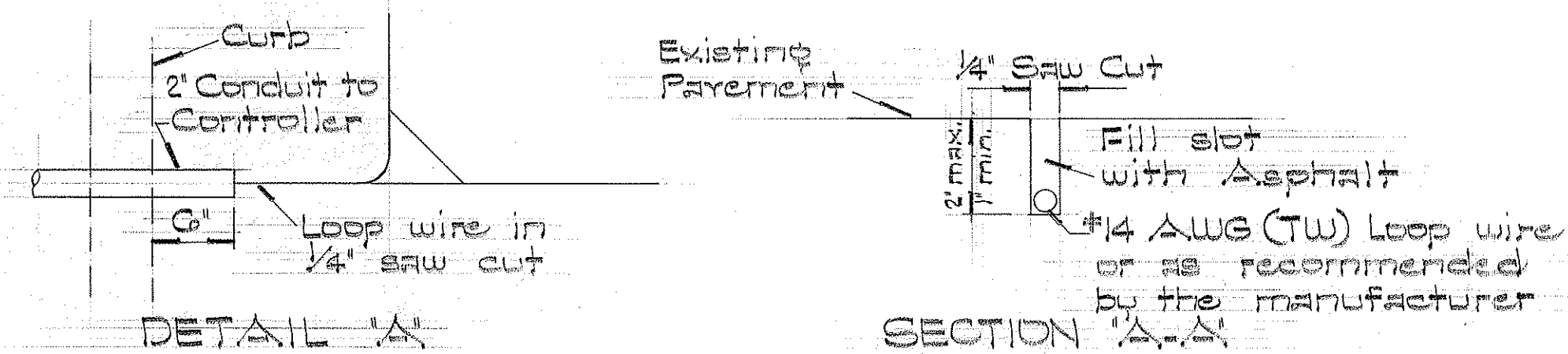
- New Mast Arm Standard & 12' Lens Assembly. (Length of Mast Arm as indicated.)
- New Traffic Signal Standard & 12' Lens Assembly.
- New Traffic Signal Standard & 'DW-W' Pedestrian Signal.
- New Vehicle Detector (Type as indicated)
- New Type 'A' Pullbox.
- New Type 'B' Pullbox.
- New Controller
- New Rigid Steel Conduit.
- New Rigid Steel or Polyvinyl Chloride Conduit. (No. & size as indicated). Conduits under roadways shall be encased in concrete.
- Existing Water line.
- Existing Sewer line.
- Existing Sprinkler System.
- Existing Street Light on Electric pole.
- Existing Fire Hydrant.

GENERAL NOTES

- ① Location of existing underground structures such as culverts, pipelines, conduits, cables, etc., as shown on the plans are approximate only; other existing utilities may not be shown. The Contractor shall check and verify the location of same.
- ② The exact location of traffic signal standards, controller bases, pullboxes and conduits shall be determined in the field by the Engineer.
- ③ Pavement markings by others.



PLAN



TYPICAL INSTALLATION OF LOOP DETECTOR

No Scale

APPROXIMATE DIMENSIONS				NOTE:
No. Lanes	A'	B'	No. of Turns	
1	0'	8'	3	Exact dimensions of A & B shall be as recommended by the manufacturer.
2	0'	20'	2	
3	0'	32'	2	

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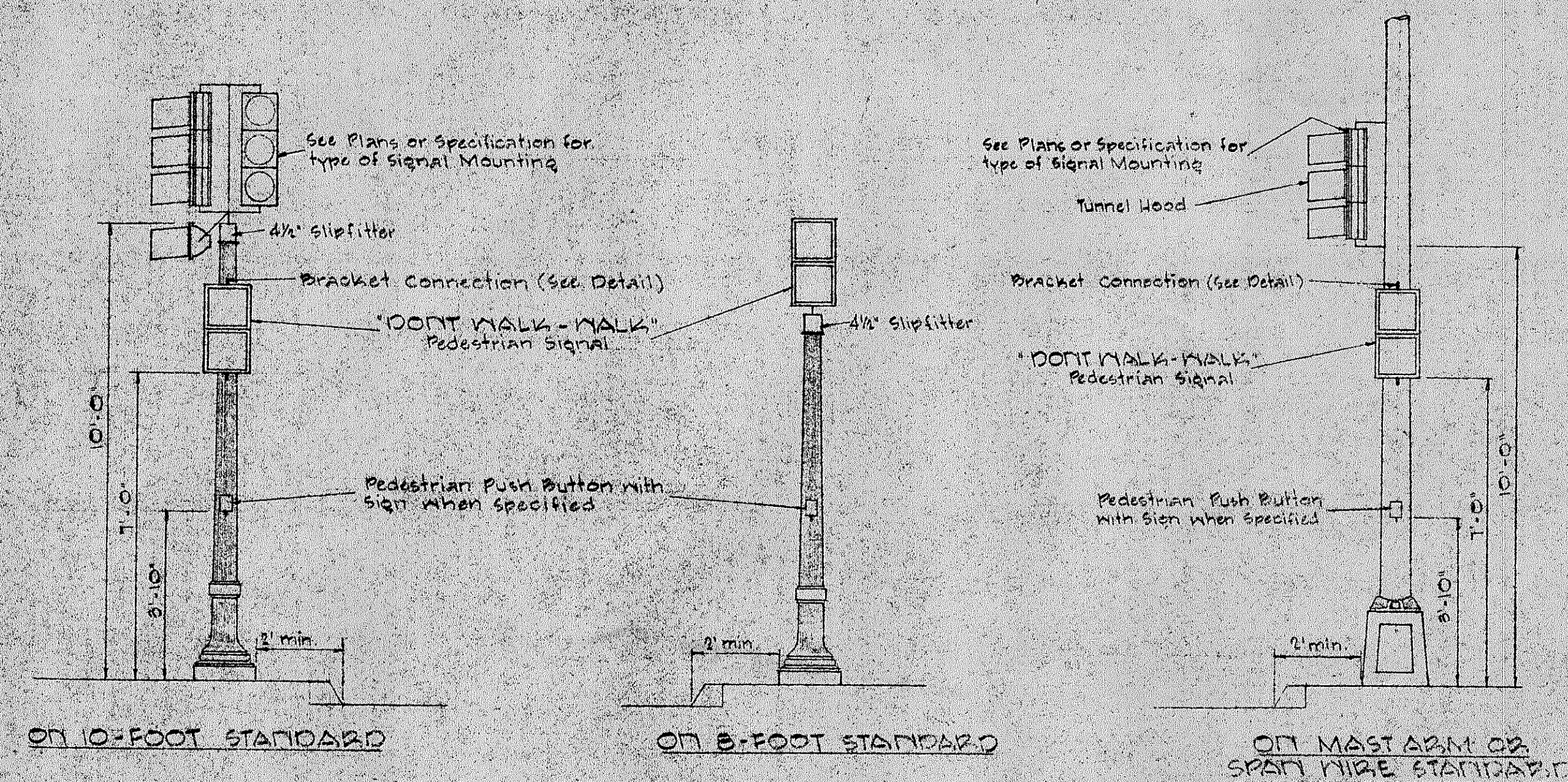
TRAFFIC SIGNAL SYSTEM

MISCELLANEOUS DETAILS

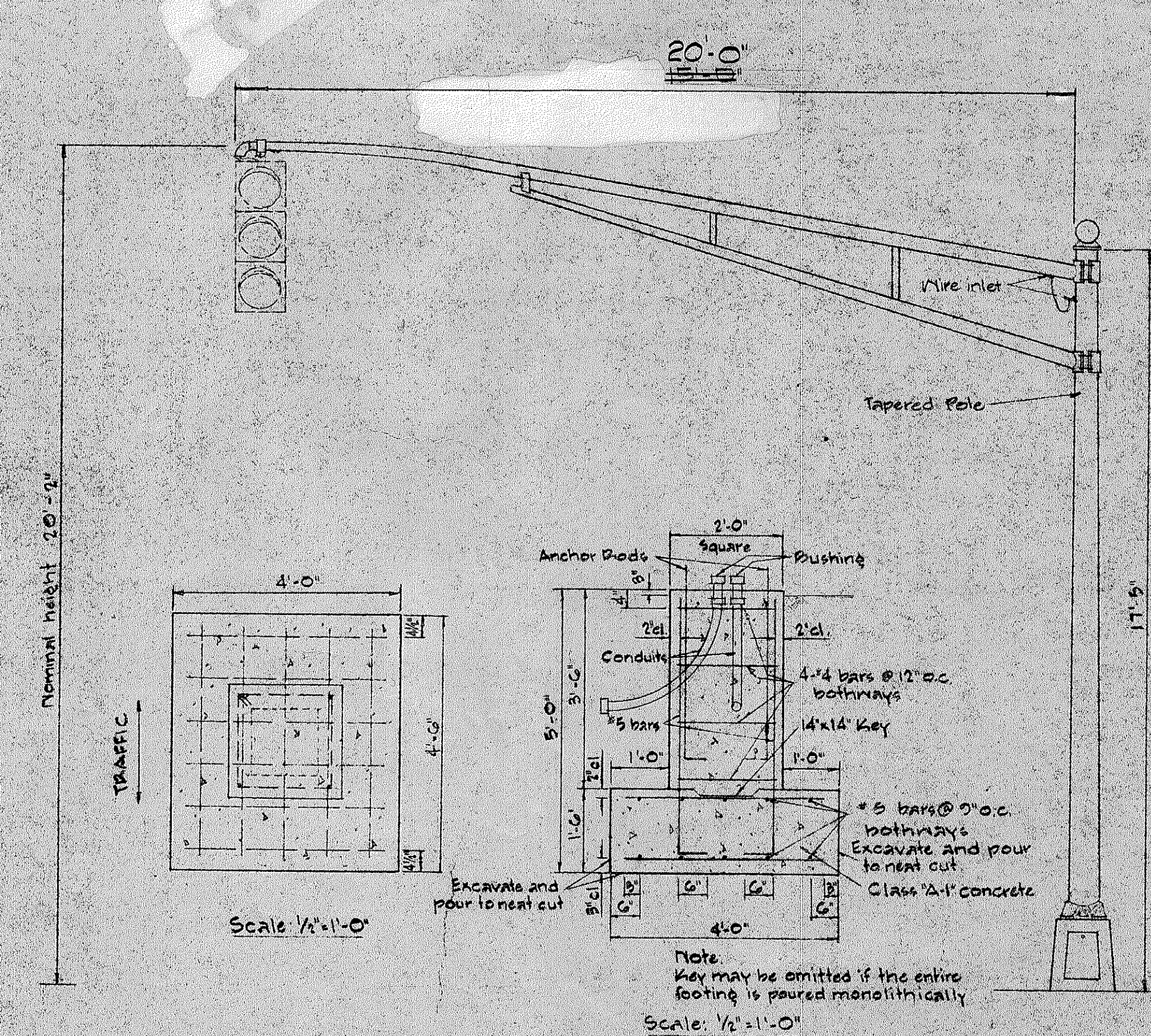
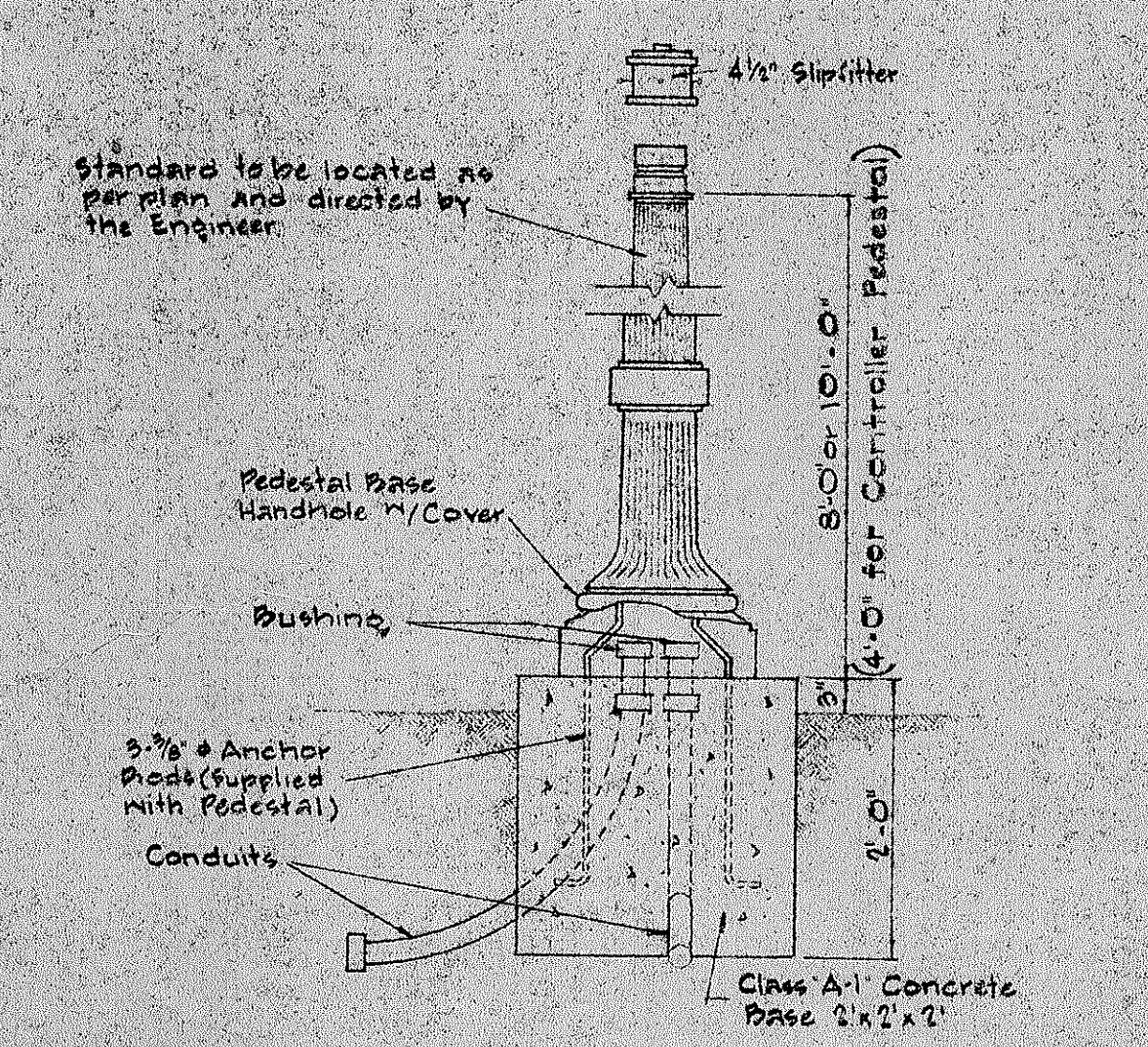
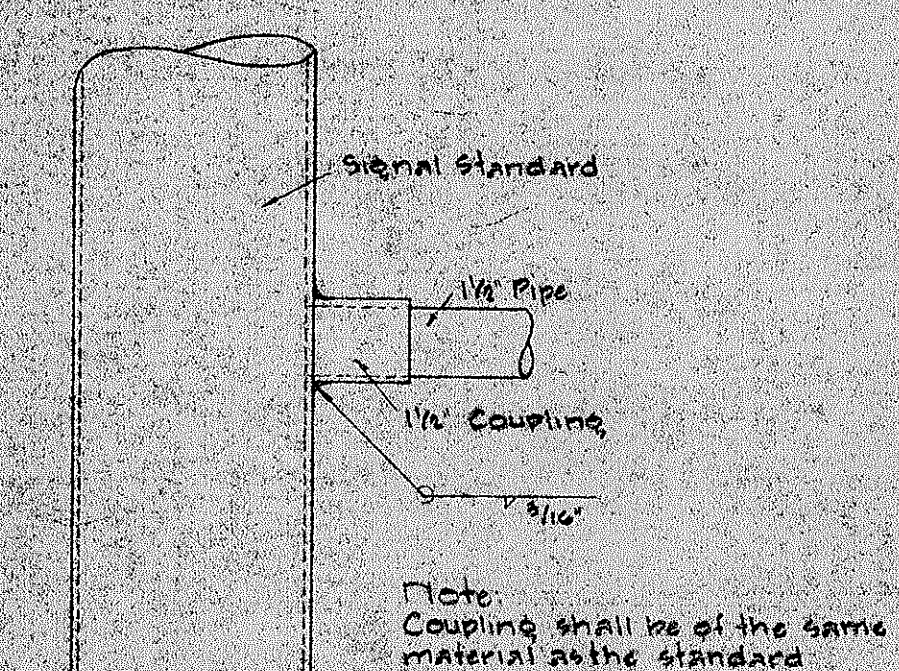
Project No. F-032-1(5)

No Scale Rev. March 1967

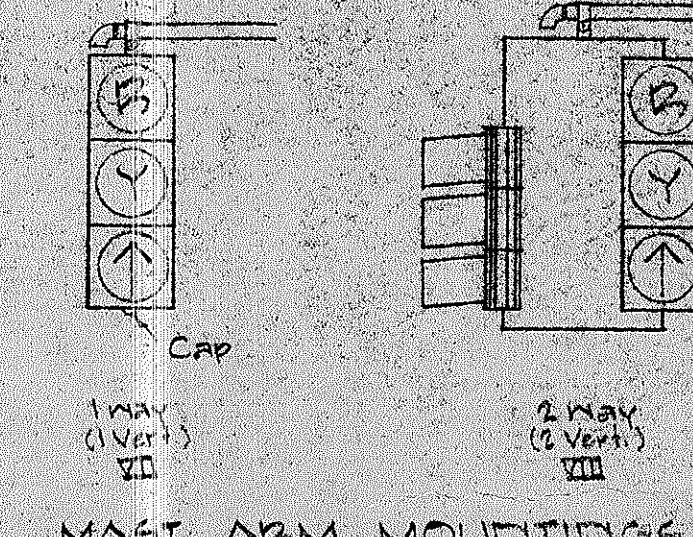
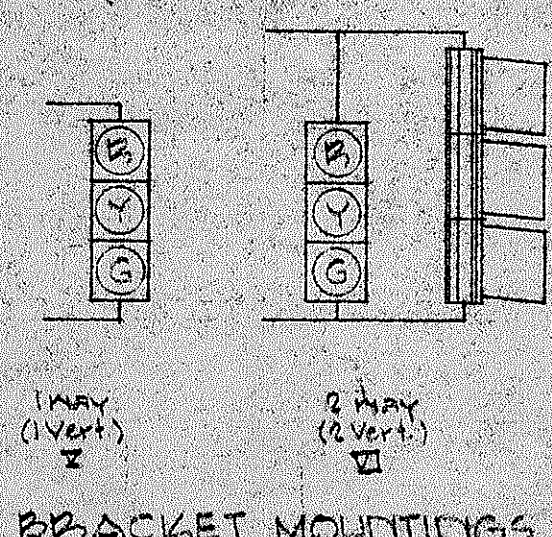
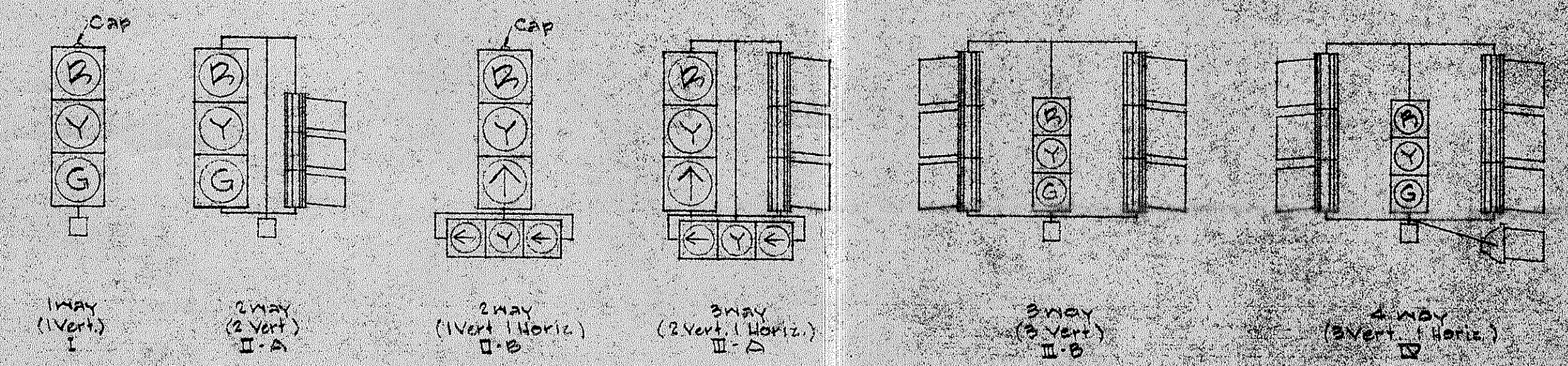
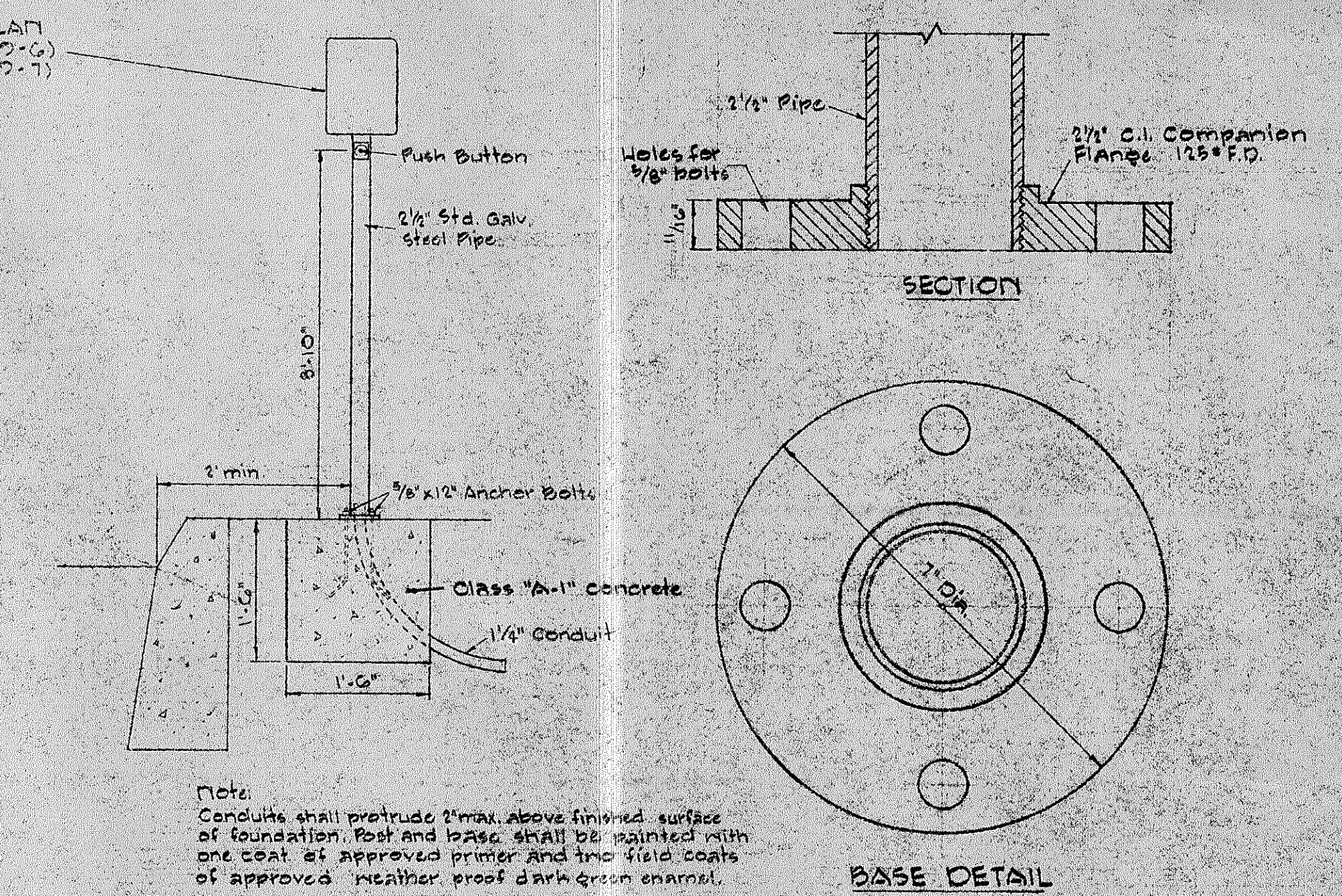
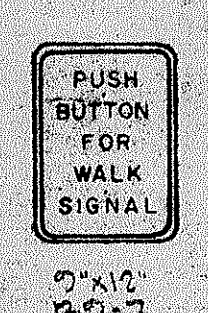
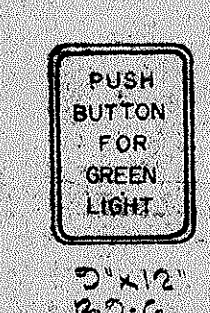
SHEET No. OF SHEETS



TYPICAL EQUIPMENT MOUNTING



TRAFFIC SIGN AS SPECIFIED IN PLAN
 1. "Push Button for Green Light" (D-2-G)
 2. "Push Button for Walk Signal" (D-2-T)



TYPICAL VEHICULAR AND PEDESTRIAN SIGNAL MOUNTINGS



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
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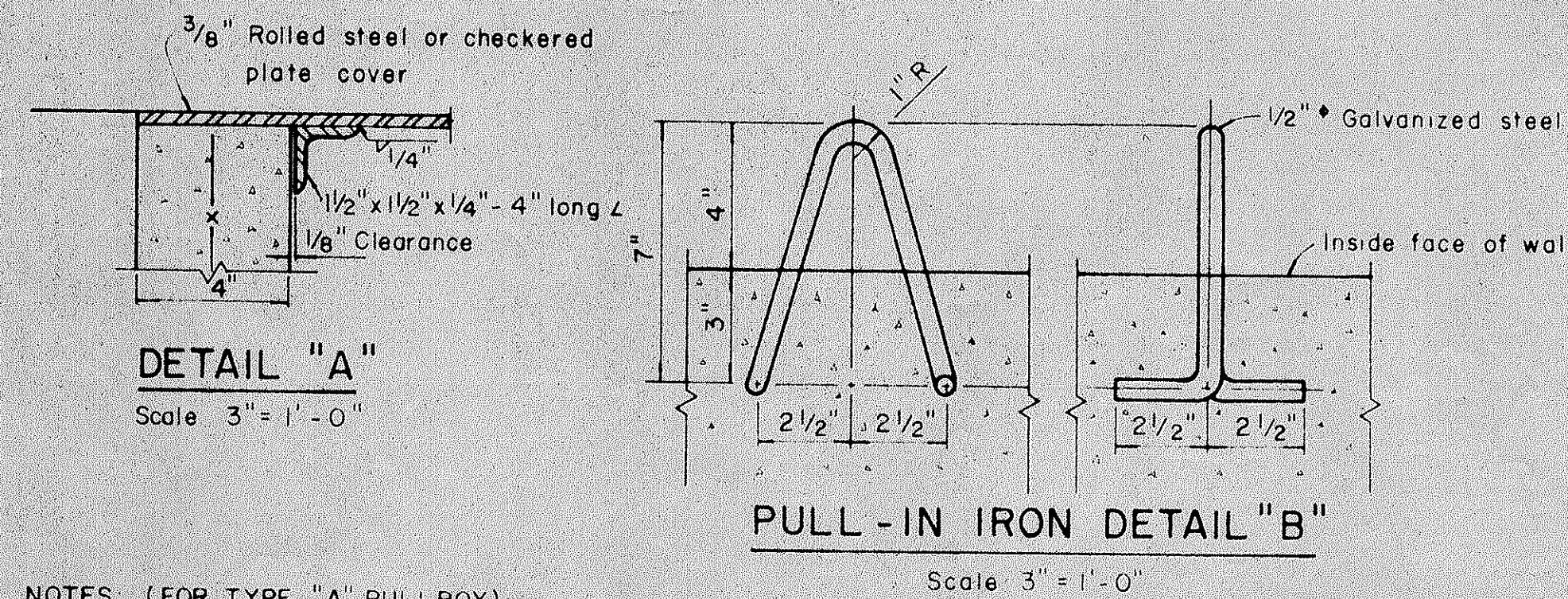
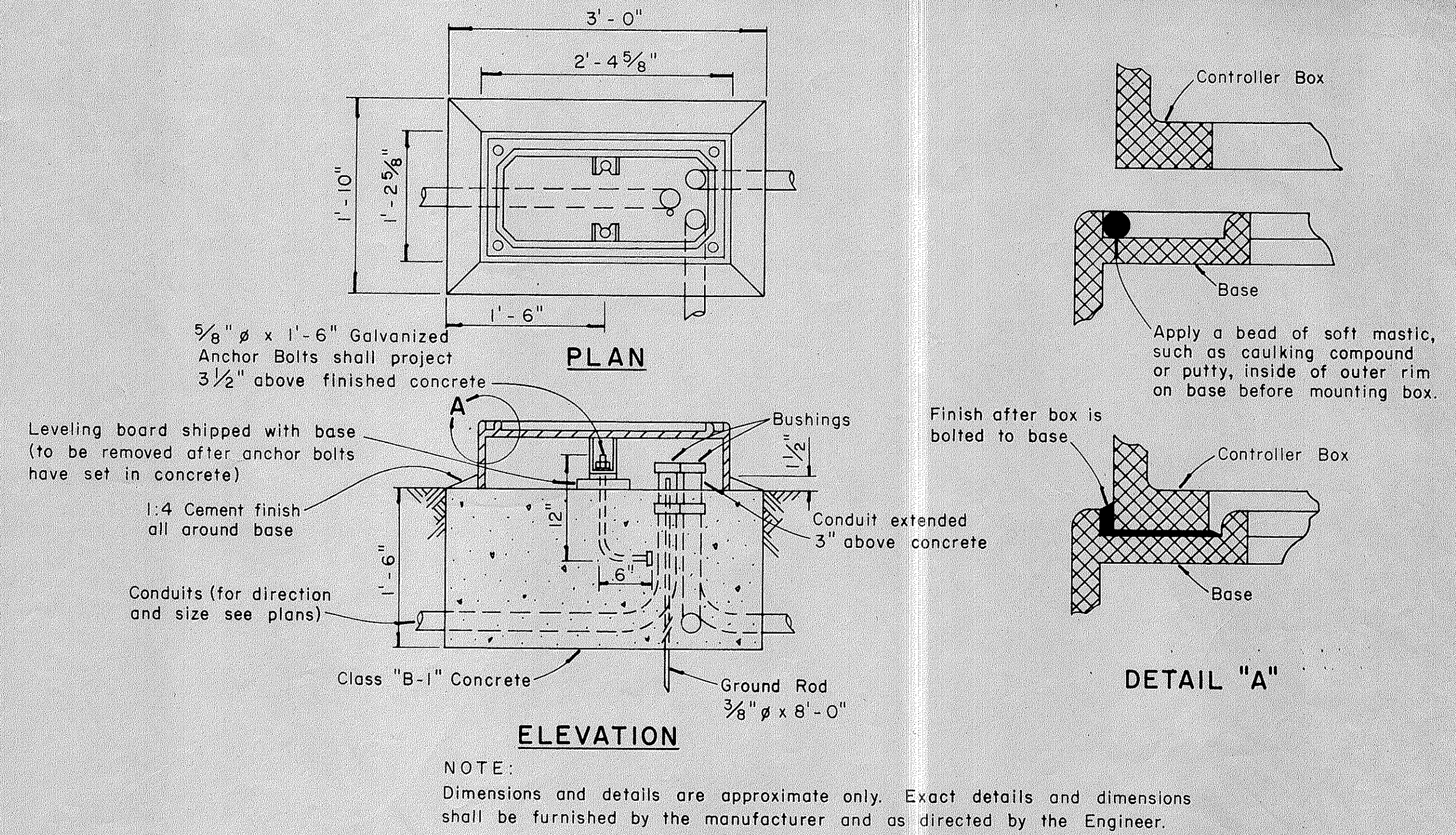
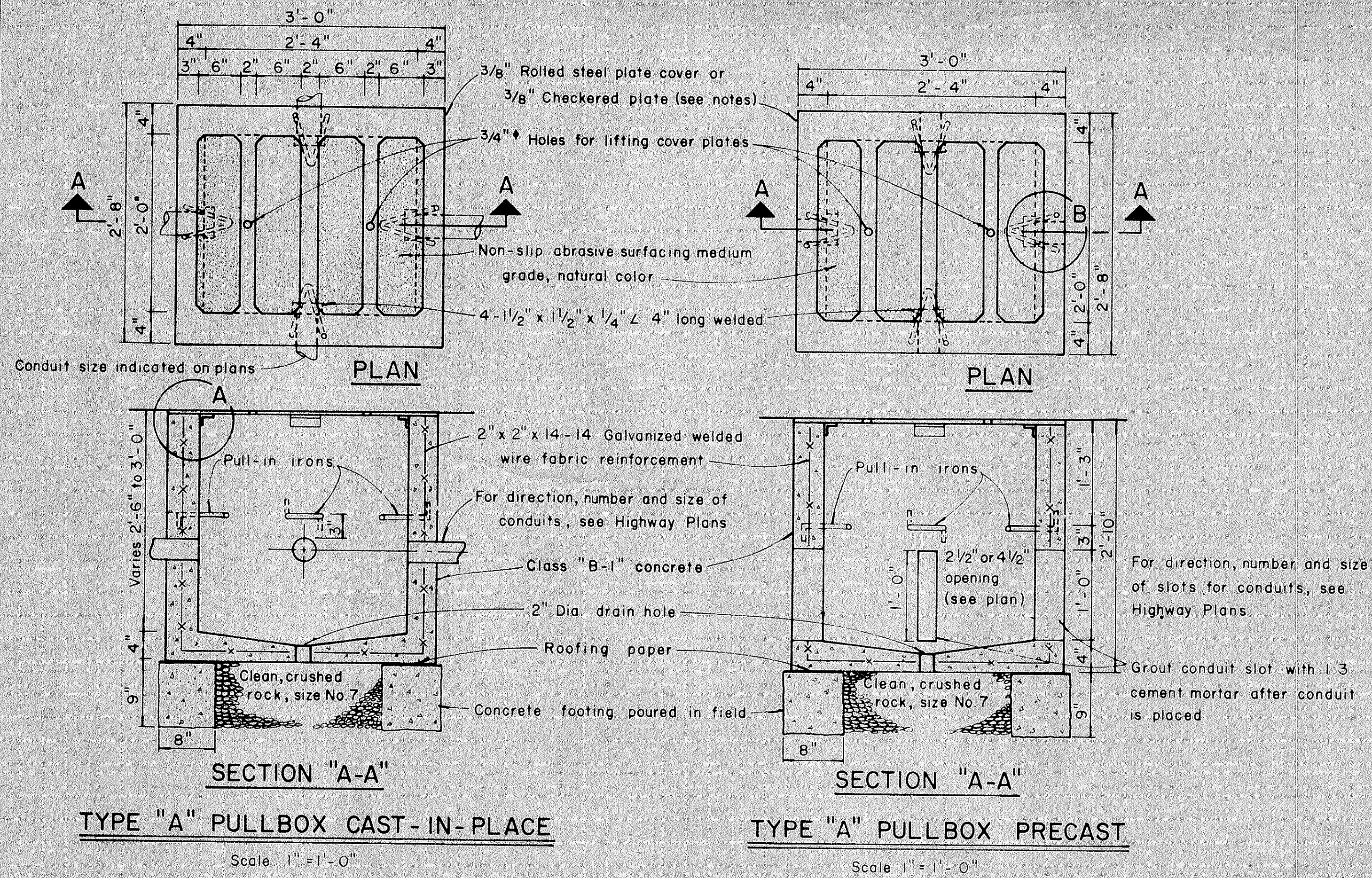
TRAFFIC SIGNAL SYSTEM

MISCELLANEOUS DETAILS

No Scale

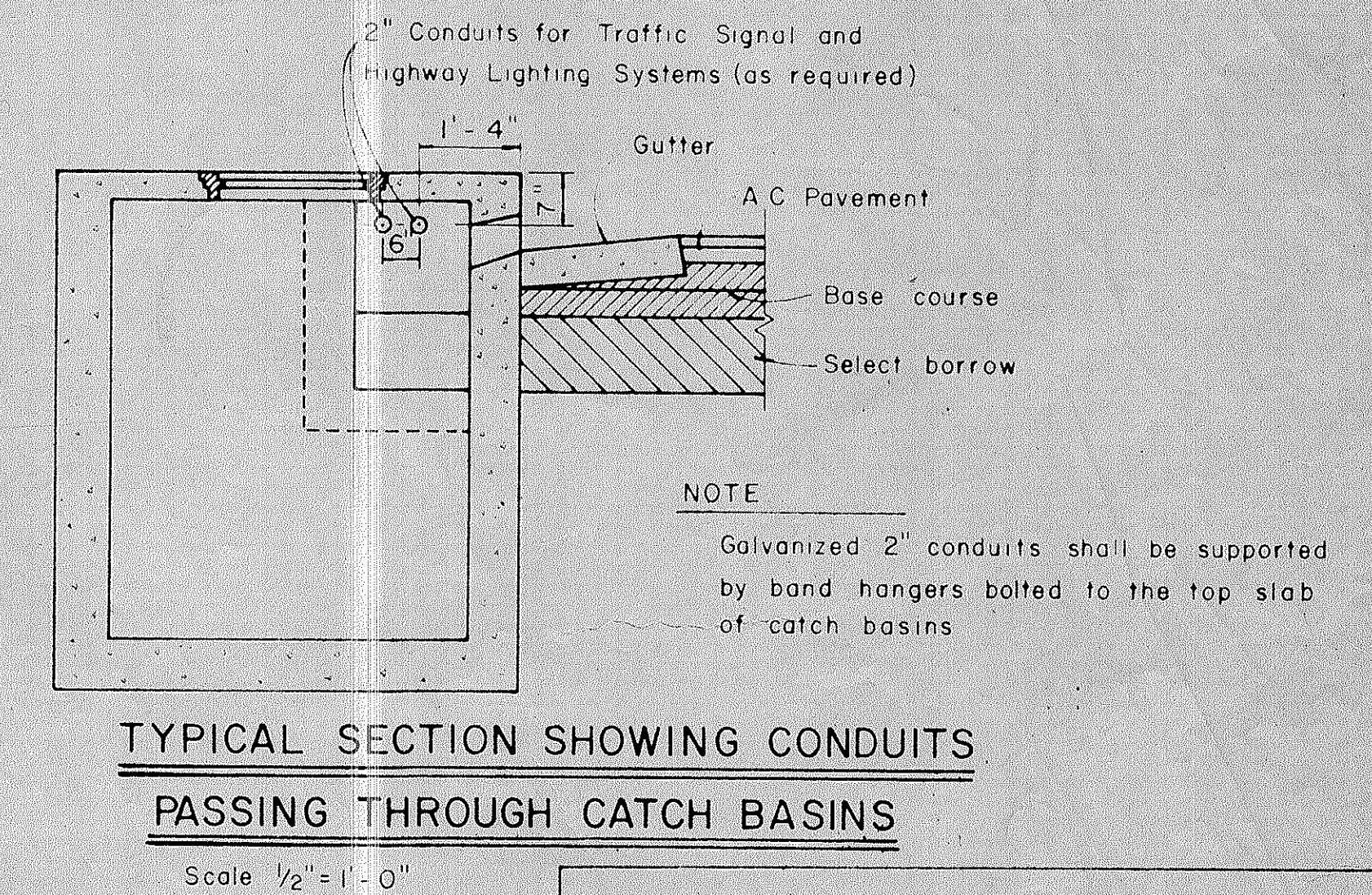
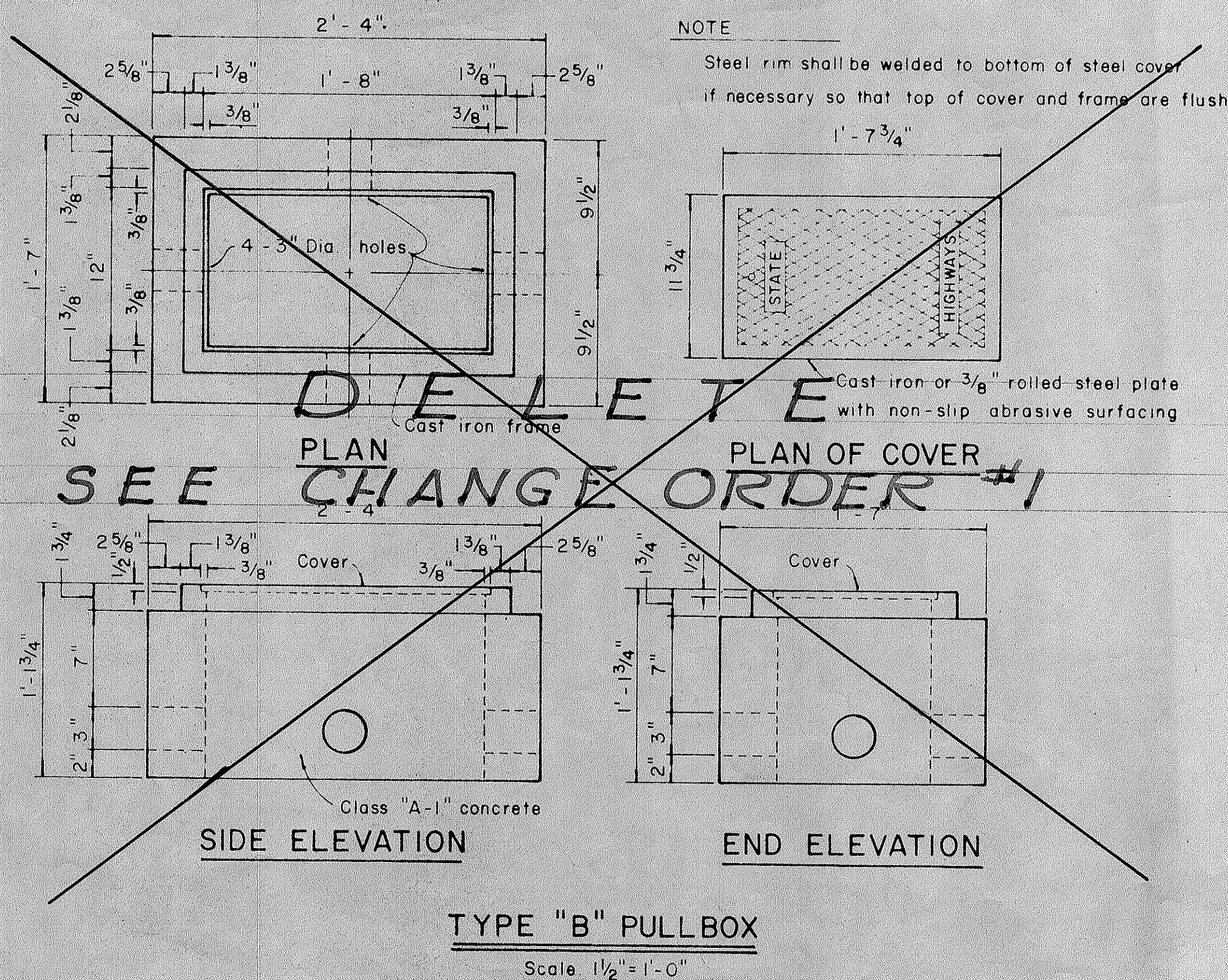
SHEET No. OF SHEETS

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
APPROVED BY	



NOTES (FOR TYPE "A" PULLBOX)

1. 3/8" Rolled steel plate cover with non-slip abrasive surfacing medium grade, natural color shall be used on all pullboxes located on sidewalk areas where pedestrians are walking.
2. 3/8" Checkered plate cover shall be used on all pullboxes located in median areas and other locations where there are no pedestrians walking.
3. Pull irons shall be placed opposite each conduit slot.
4. Covers on all pullboxes located in sidewalk areas shall be set flush with the concrete sidewalk.
5. Each pullbox shall have a pair of pull irons opposite each other for lifting purposes.

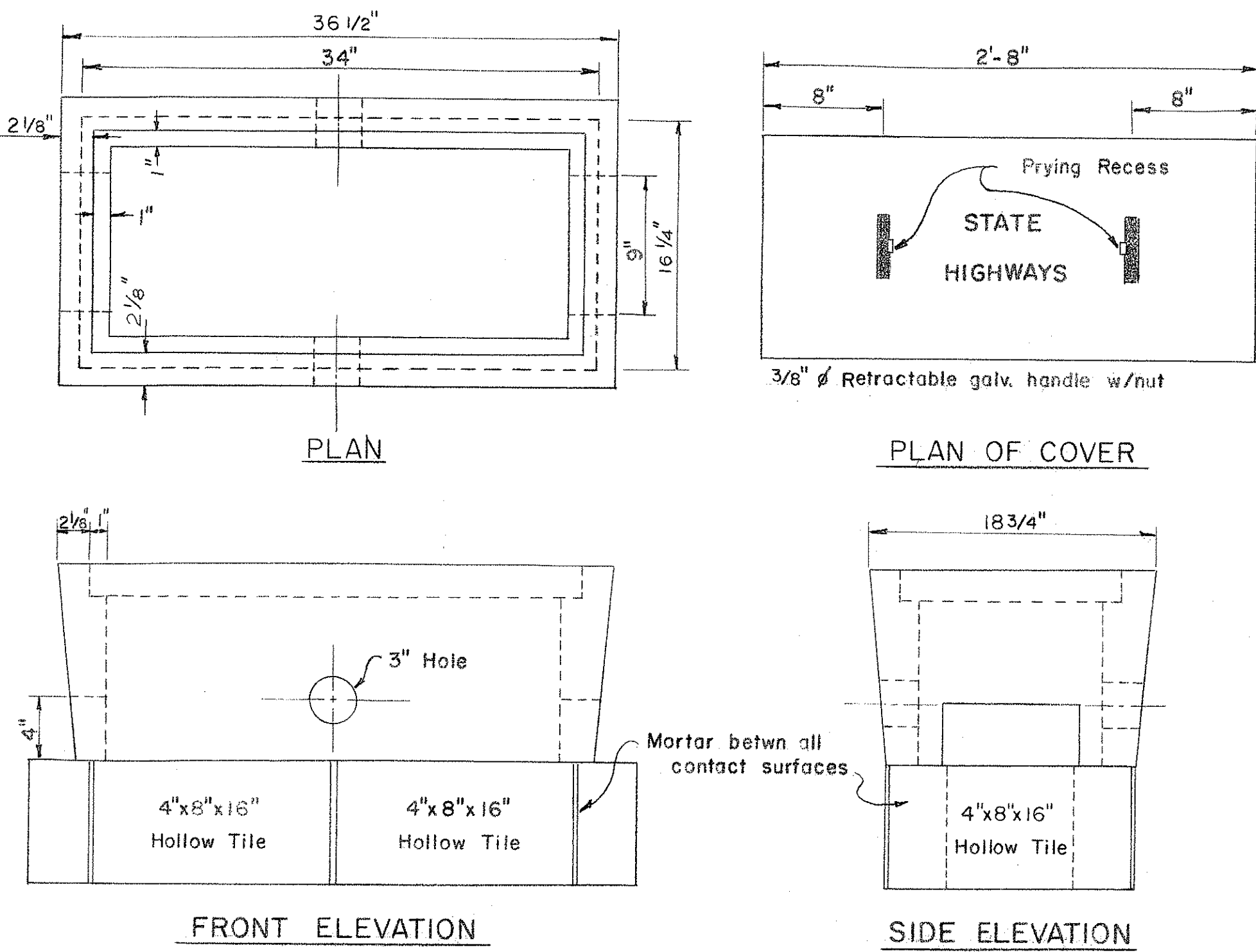


STATE OF HAWAII
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HIGHWAYS DIVISION

STANDARD DETAILS
PULLBOXES
AND
TYPE "M" CONTROLLER BOX

Scale as noted Date: _____
SHEET No. OF SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-032-1(5)	1967	5A	5



Scale 1 1/2" = 1'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SUBSTITUTE FOR TYPE "B"
CONCRETE PULL BOX
(C.O. #1)

Scale as noted

SHEET No. OF SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTES BOOK	DRAWN BY	
No.	CHECKED BY	