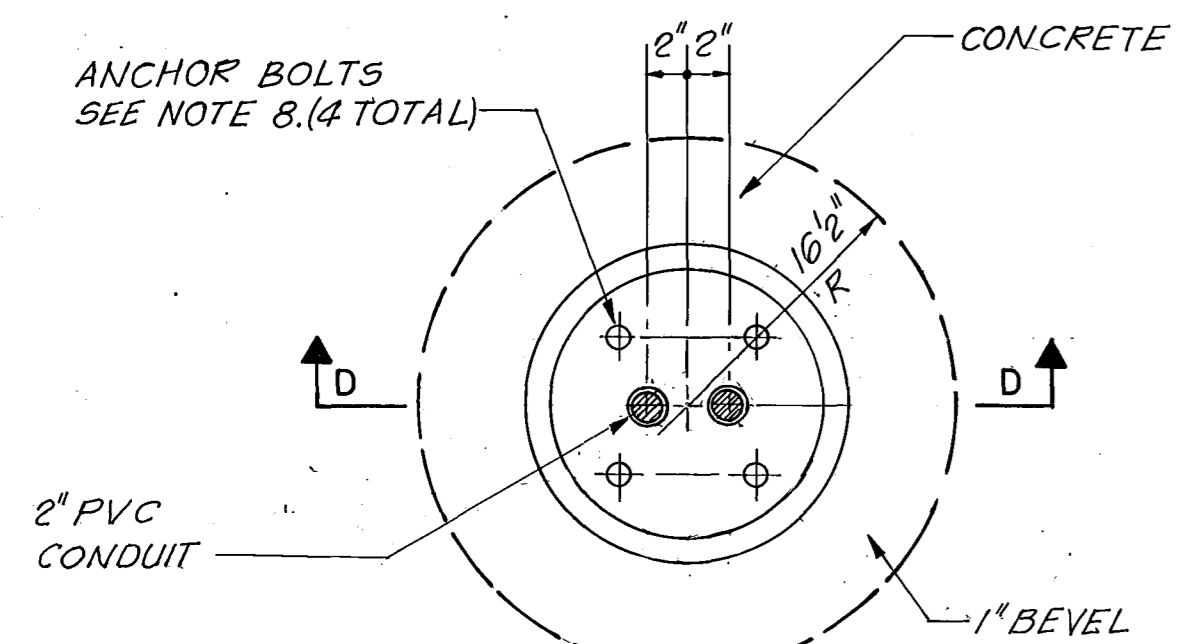
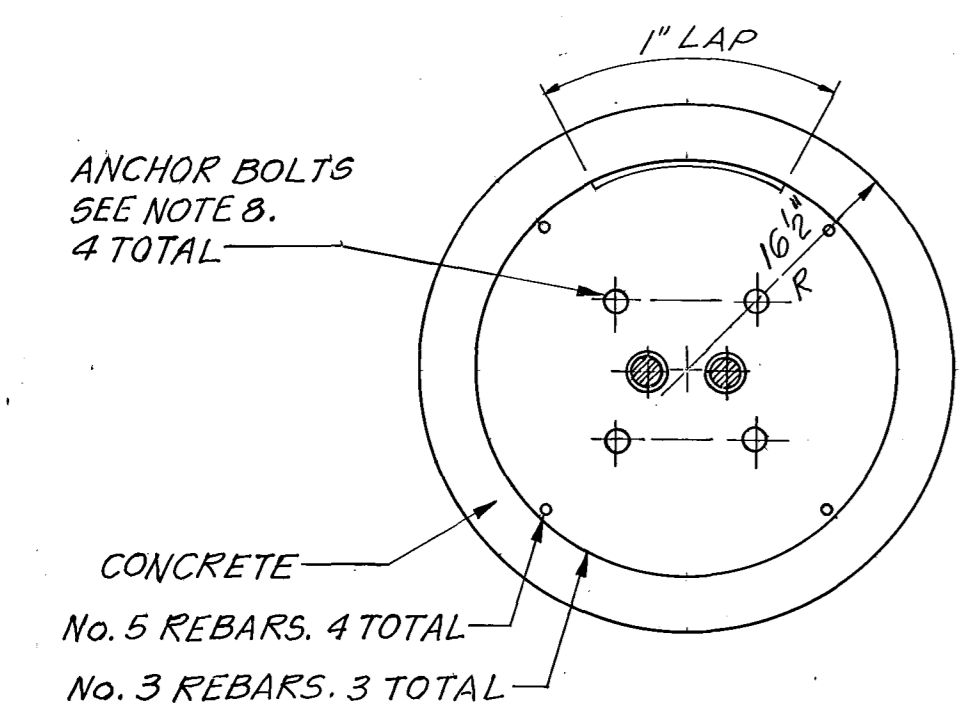


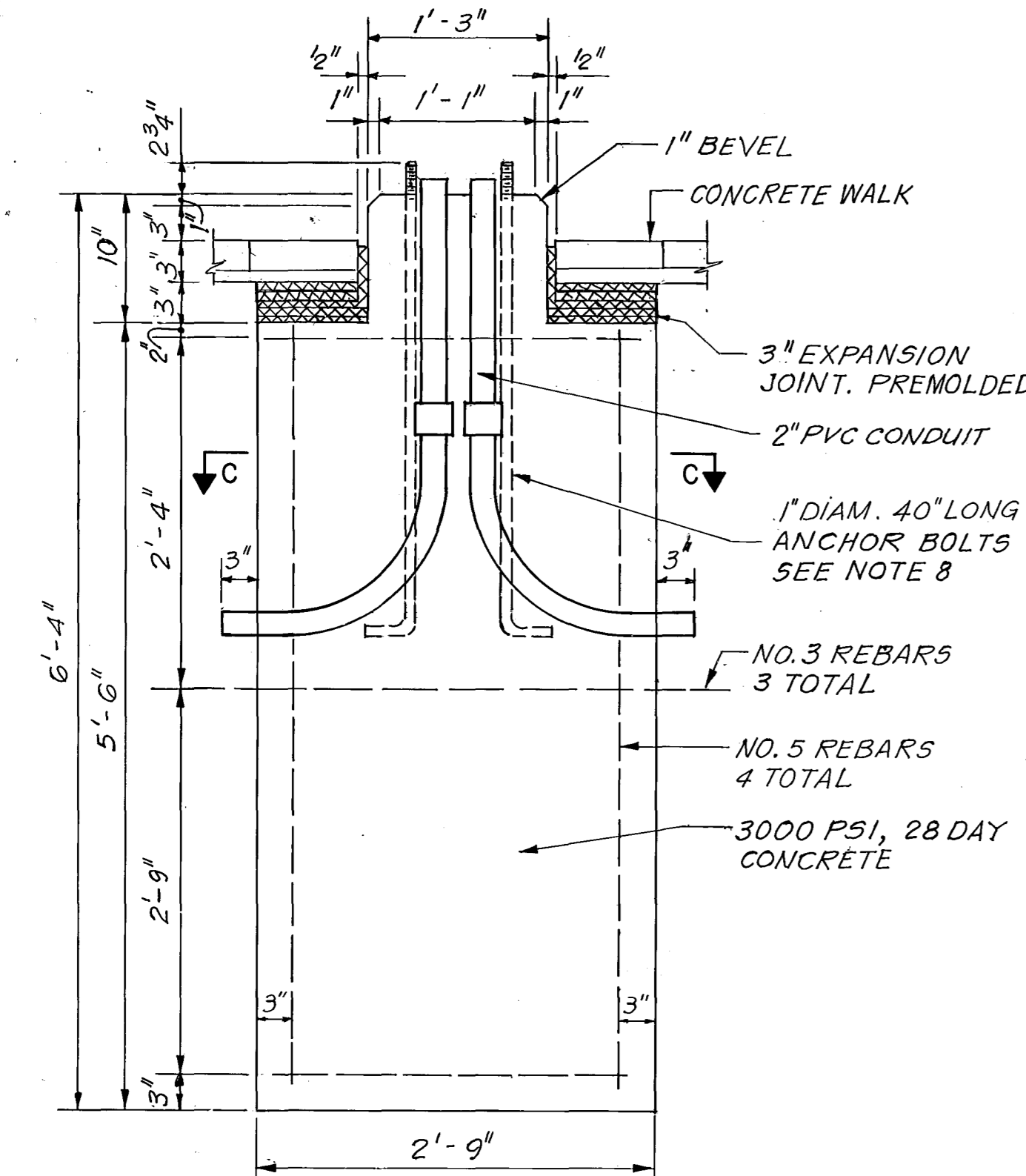
- NOTES:**
1. CONCRETE TO BE 3000 PSI MIN. AT 28 DAYS.
 2. UNDER NO CONDITION WILL POLES BE INSTALLED WITHIN SEVEN DAYS AFTER POURING OF CONCRETE.
 3. TOP OF FOUNDATION MUST BE LEVEL.
 4. INSTALL TWO ADJACENT ANCHOR BOLTS PARALLEL TO STREET.
 5. FOR HEAVY DUTY ANCHOR BASE ORNAMENTAL POLE FOUNDATION, THE DESIGN LOAD IS 1000 LBS INCLUDING IMPACT OVERLOAD APPLIED 30' ABOVE TOP OF FOUNDATION.
 6. FOR ANCHOR BASE ORNAMENTAL STREET LIGHT POLE FOUNDATION, THE DESIGN LOADS ARE 300 LBS. HORIZONTAL WIRE LOAD APPLIED 30' ABOVE TOP OF FOUNDATION, 50 LBS. STREET LIGHT ON 8' ARM AND 8 P.S.F. WIND ON THE POLE.
 7. SET 2 ELBOWS AS CALLED FOR AT EACH INSTALLATION BUT USE 2 PVC ELBOWS AND 1 RIGID METAL ELBOW AT LOCATIONS WHERE PEDESTRIAN SIGNALS ARE TO BE LOCATED.
 8. LOCATION AND SIZE OF ANCHOR BOLTS TO BE ESTABLISHED BY TEMPLATE SUPPLIED BY POLE MANUFACTURER.
 9. THE ENGINEER MUST BE NOTIFIED IN ADVANCE OF ANY WORK ON HEAVY DUTY ANCHOR BASE ORNAMENTAL POLE FOUNDATION.
 10. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING A BOLT CIRCLE FOR THE LIGHT POLE TO ACCOMMODATE THE EXISTING FOUNDATIONS, WHERE APPLICABLE.



PLAN (TOP VIEW)
SCALE: 1" = 1'-0"

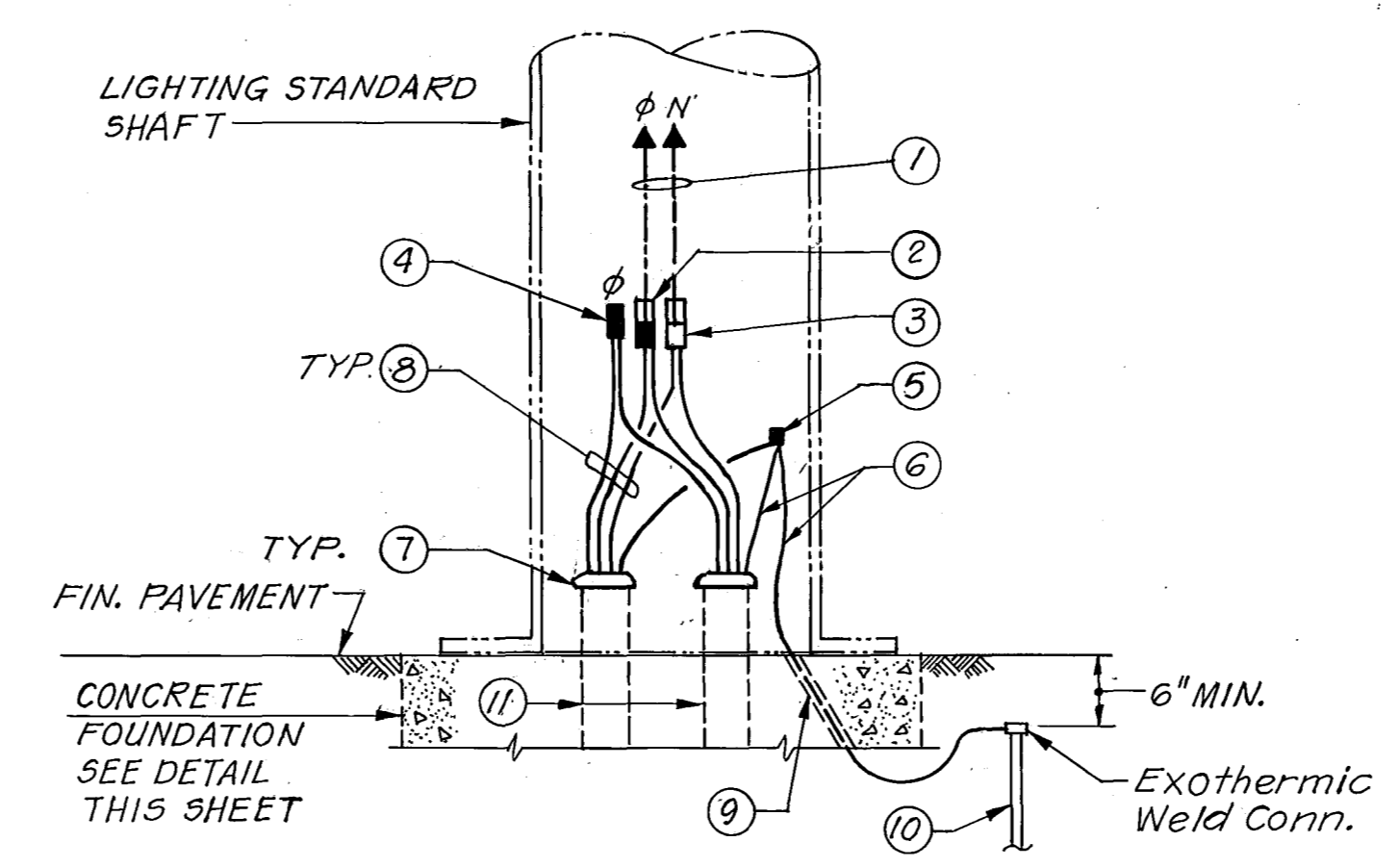


SECTION C-C



SECTION D-D

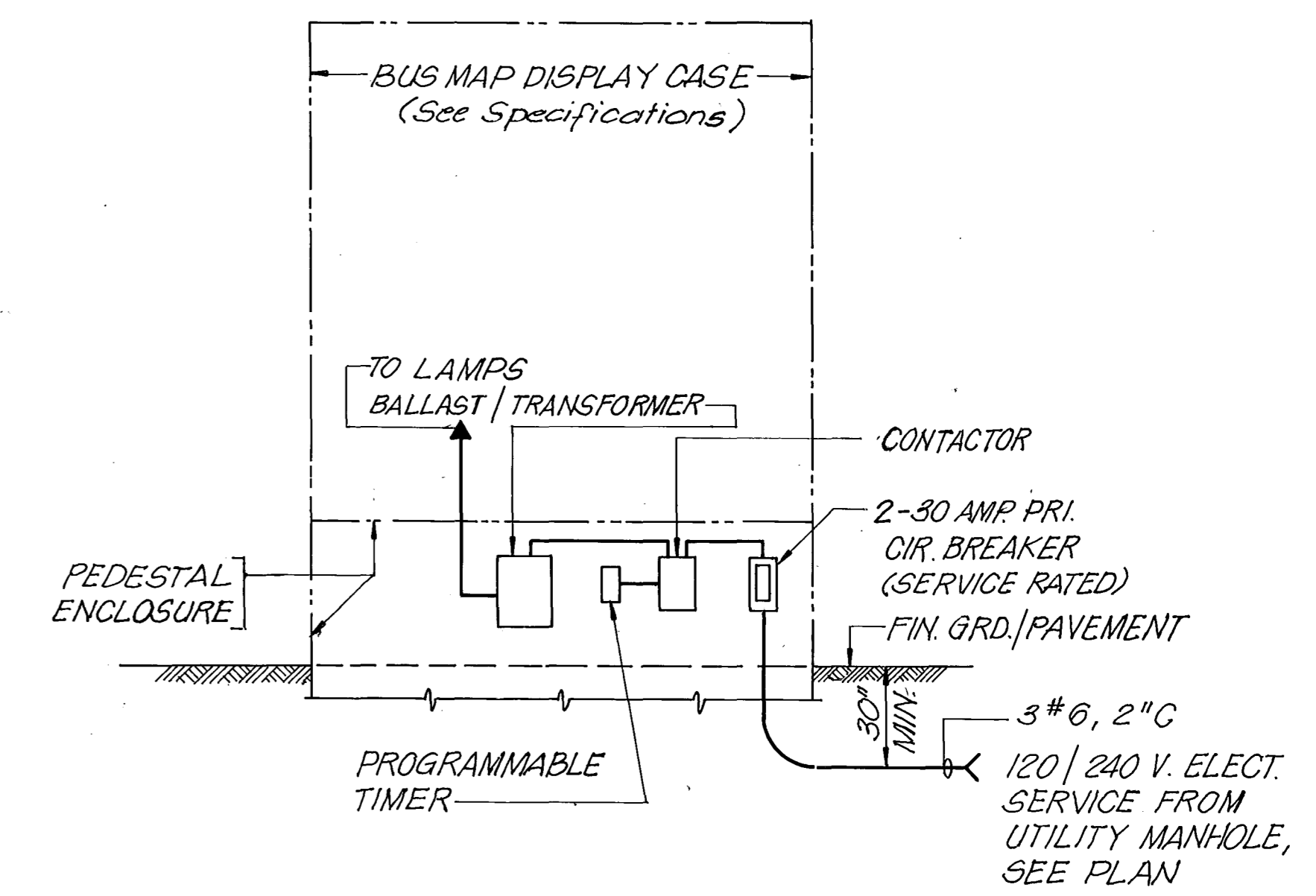
ANCHOR BASE ORNAMENTAL POLE FOUNDATION
N.T.S.



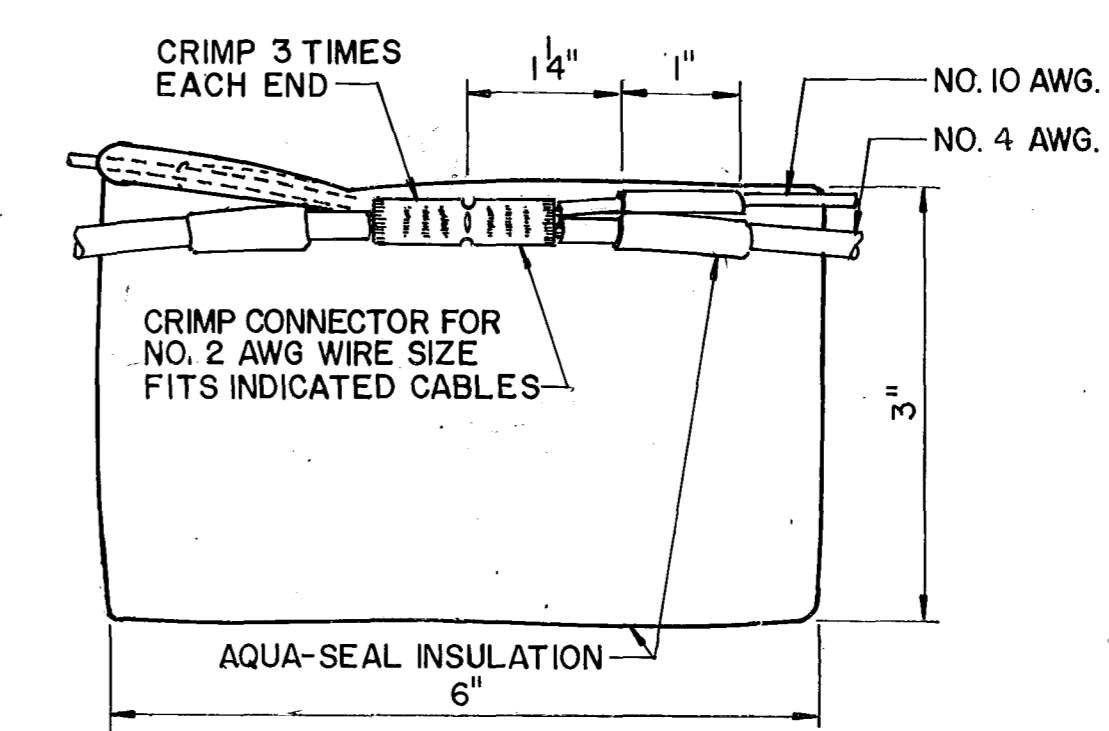
TYPICAL LIGHTING STANDARD WIRING
NOT TO SCALE

LEGEND - POWER WIRING

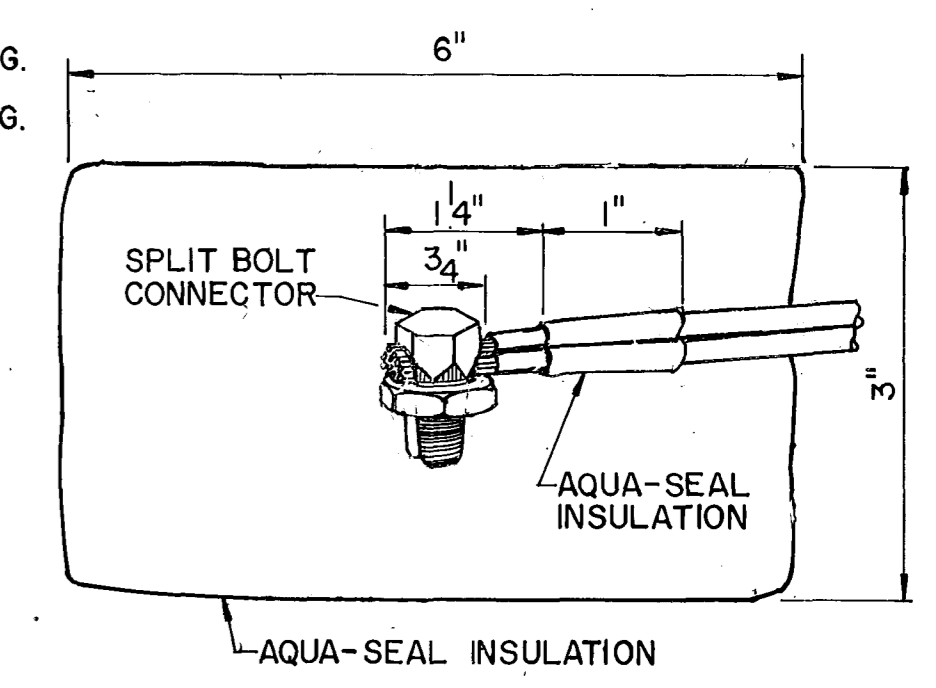
1. TWO (2) #10 SECONDARY WIRING TO LUMINAIRE
2. FUSED CABLE CONNECTOR KIT WITH 5A FUSE, ESNA STYLE 82 OR APPROVED EQUAL.
3. NON-FUSED CABLE CONNECTOR KIT, ESNA STYLE 83 OR APPROVED EQUAL.
4. CABLE SPLICE WITH WATERTIGHT SEAL
5. GROUNDING LUG OPPOSITE HANDHOLE
6. #6 BARE COPPER BONDING WIRE
7. END BELL
8. FEEDER CABLE AND GROUND WIRE (SEE PLANS)
9. #6 BARE COPPER BONDING WIRE IN 1/2" PVC PIPE
10. 3/4" ϕ , 10' LONG GROUND ROD, A316 STAINLESS STEEL
11. 2" PVC CONDUIT



BUS MAP DISPLAY CASE WIRING DETAIL - TYPICAL
NOT TO SCALE

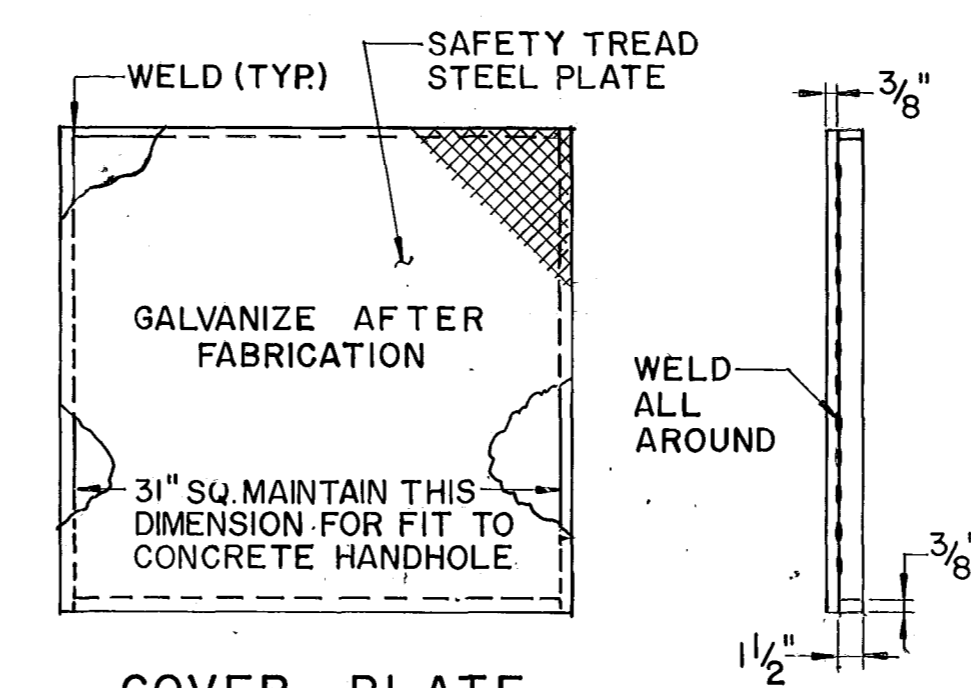
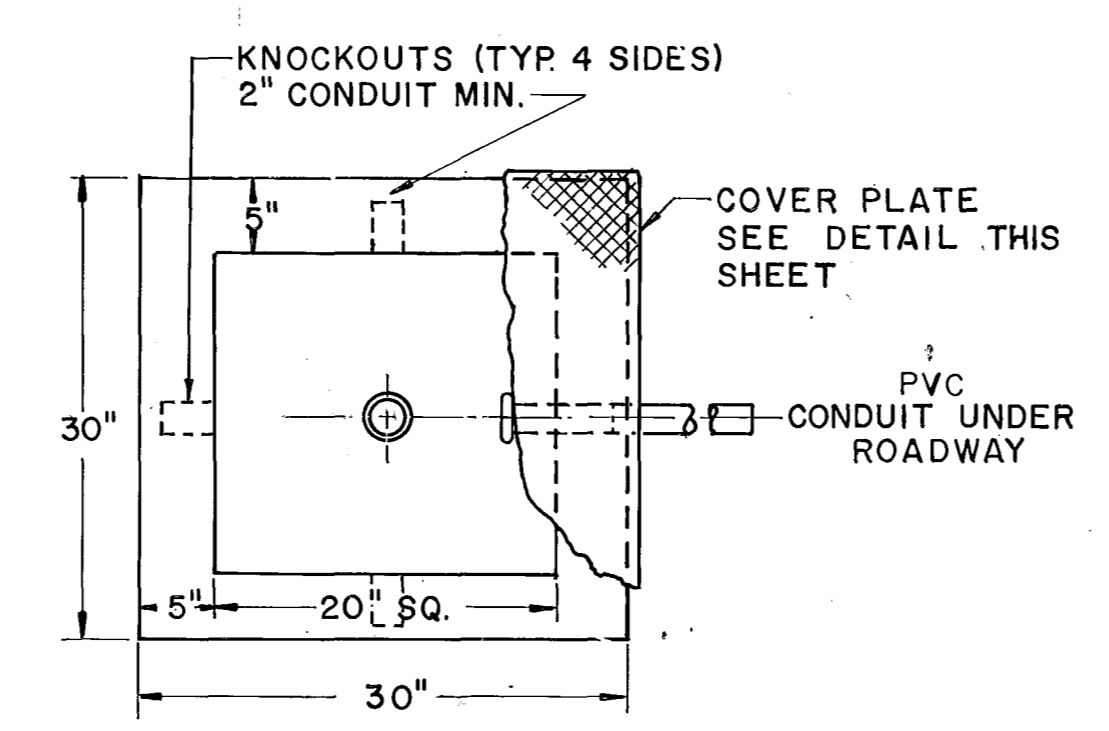


BARREL CONNECTOR SPLICE

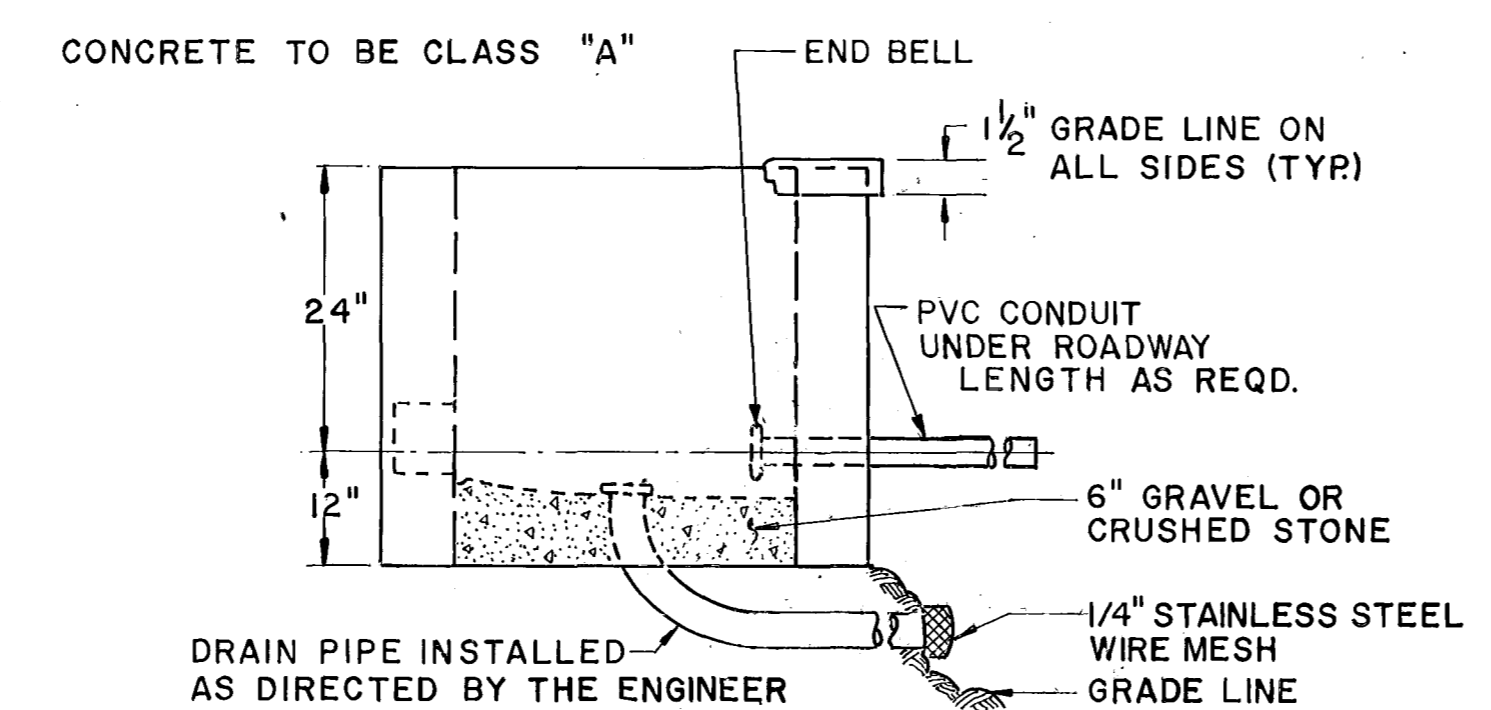


SPLIT BOLT CONNECTOR

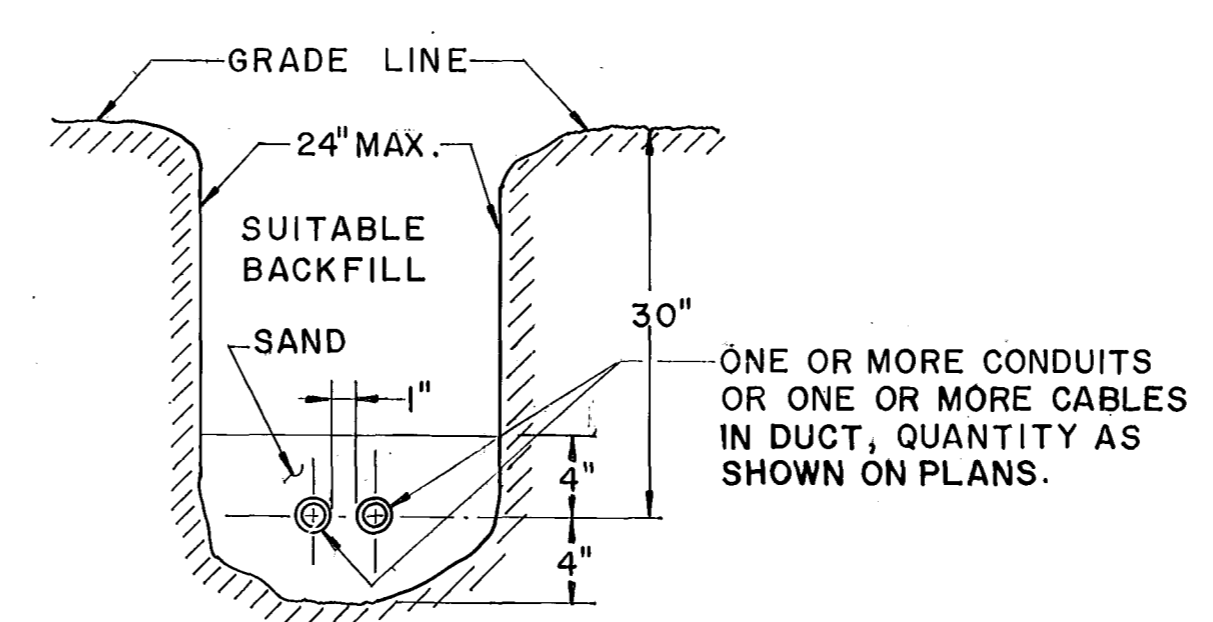
CABLE SPLICE WATERTIGHT SEAL ALTERNATIVE METHODS
N.T.S.



COVER PLATE



CONCRETE HANDHOLE
N.T.S.



BURIED CONDUIT
N.T.S.



DESIGN E.A. GAYAMAT	SCALE: AS NOTED	DAY BOOK NO.
DRAWN R.E. OWOD		
CHECKED E.A. GAYAMAT		
DATE: 9-8-89	SHEET NO. EL - 3	

REVISIONMADE BYCHECKED BYDESCRIPTION

CITY OF HARTFORD, CONNECTICUT
DEPARTMENT OF PUBLIC WORKS
TRANSPORTATION SERVICES BUREAU

HNTB
HOWARD NEEDLES TAMMEN & BERGENDOFF
Architects / Engineers / Planners

Pat Loheed, Landscape Architect
L.C. Associates, Inc. - Surveyor

HARTFORD PEDESTRIAN TRANSIT PROJECT
ELECTRICAL PLAN - 3-
LIGHTING STANDARD DETAILS

6023/10