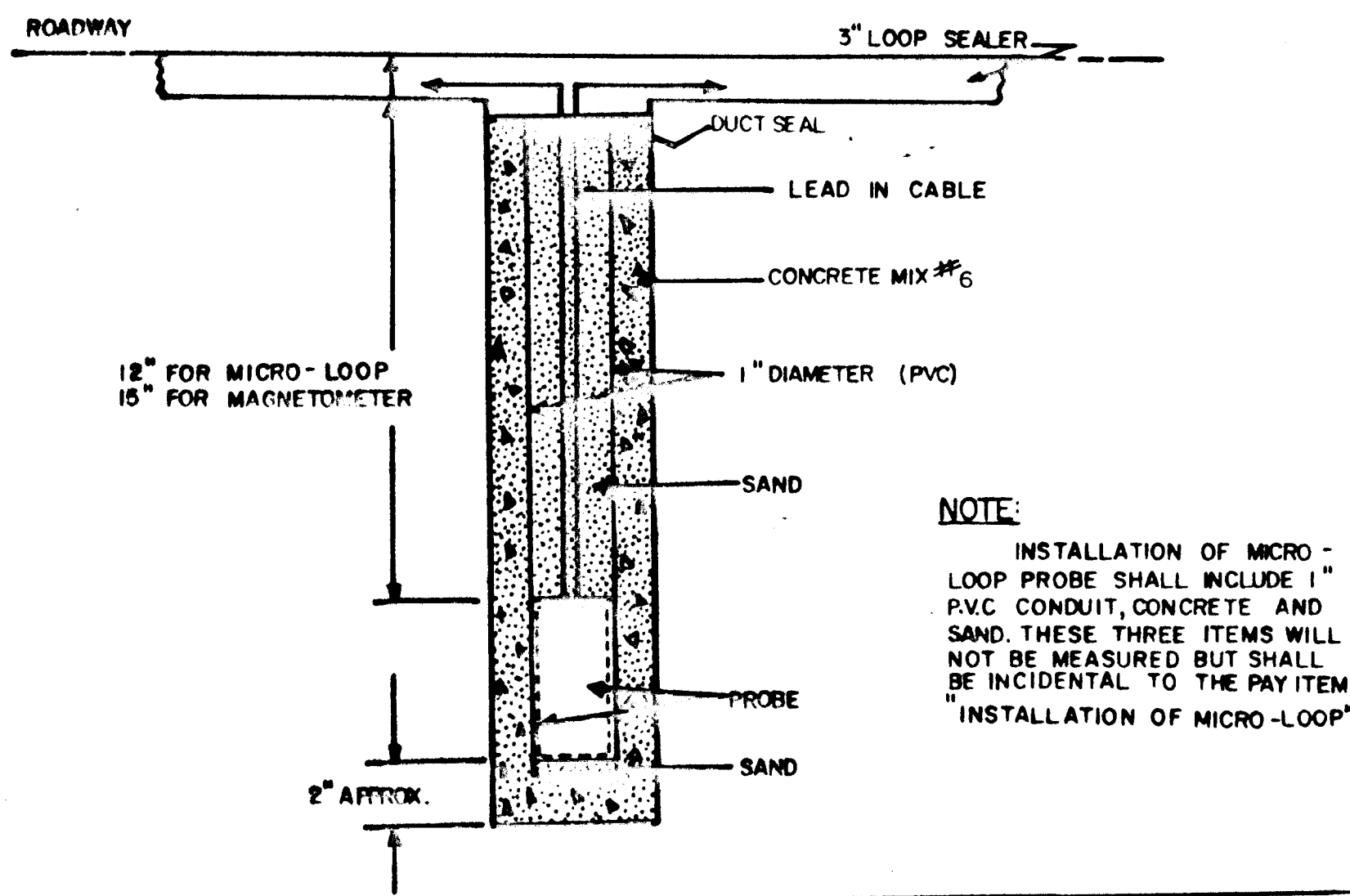
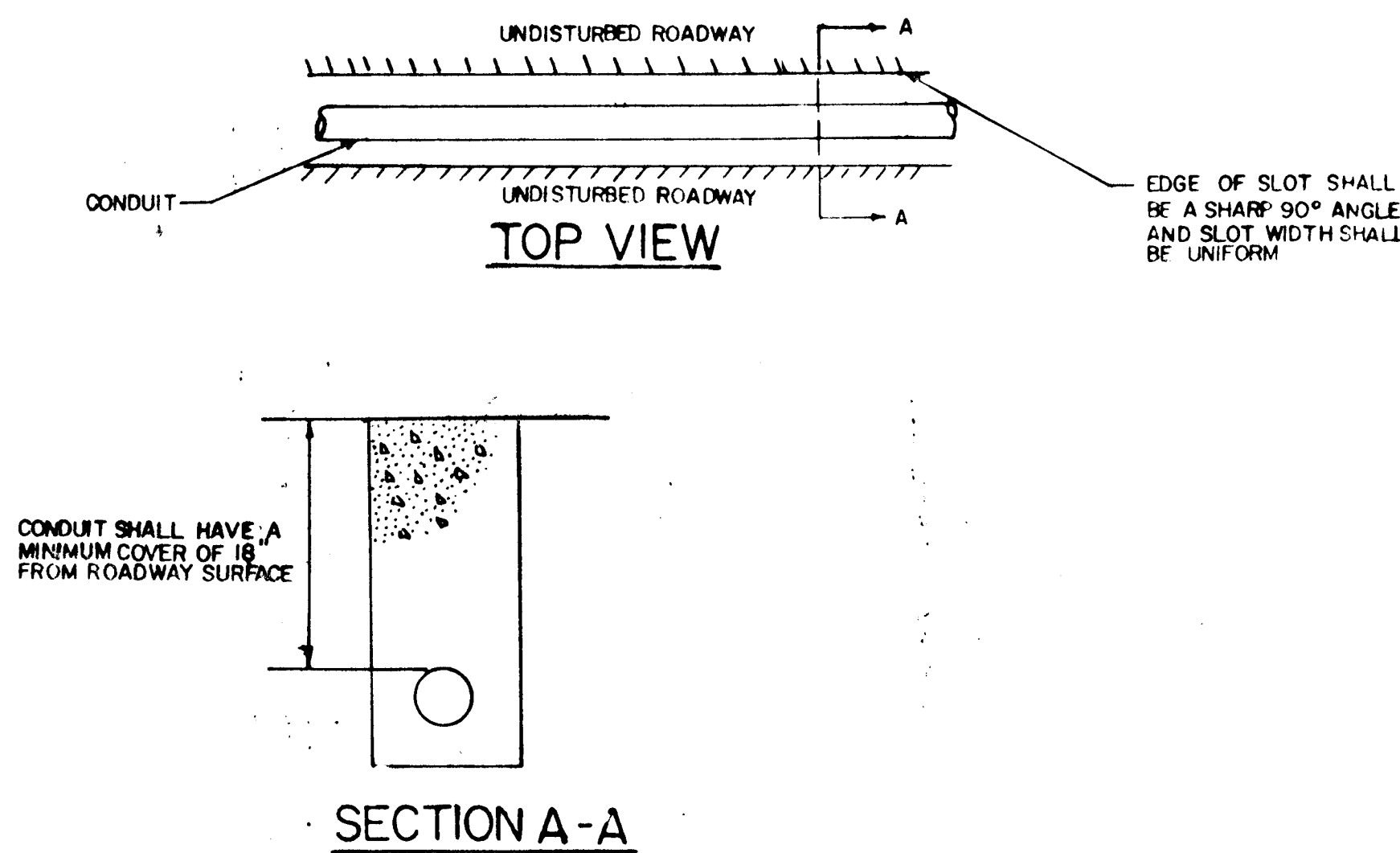


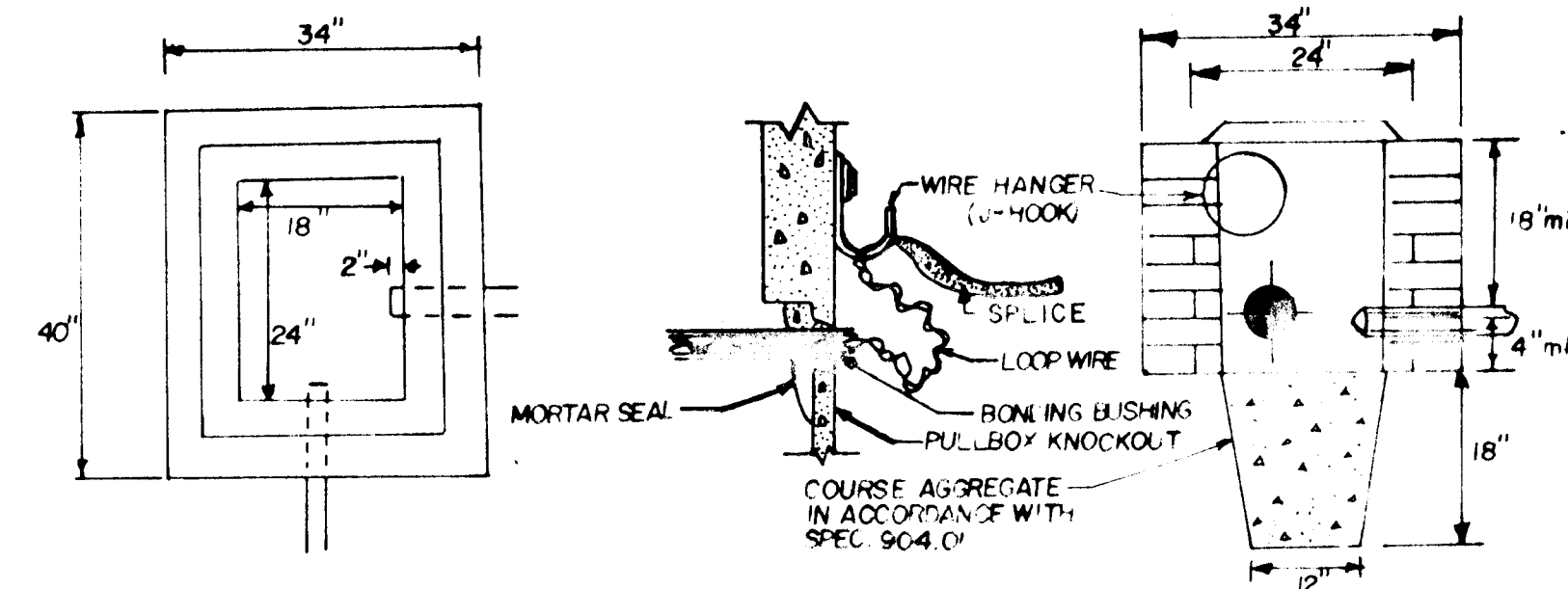
TYPICAL FOR MICRO-LOOP MAGNETOMETER INSTALLATION



SLOT TRENCH CONDUIT IN PAVEMENT

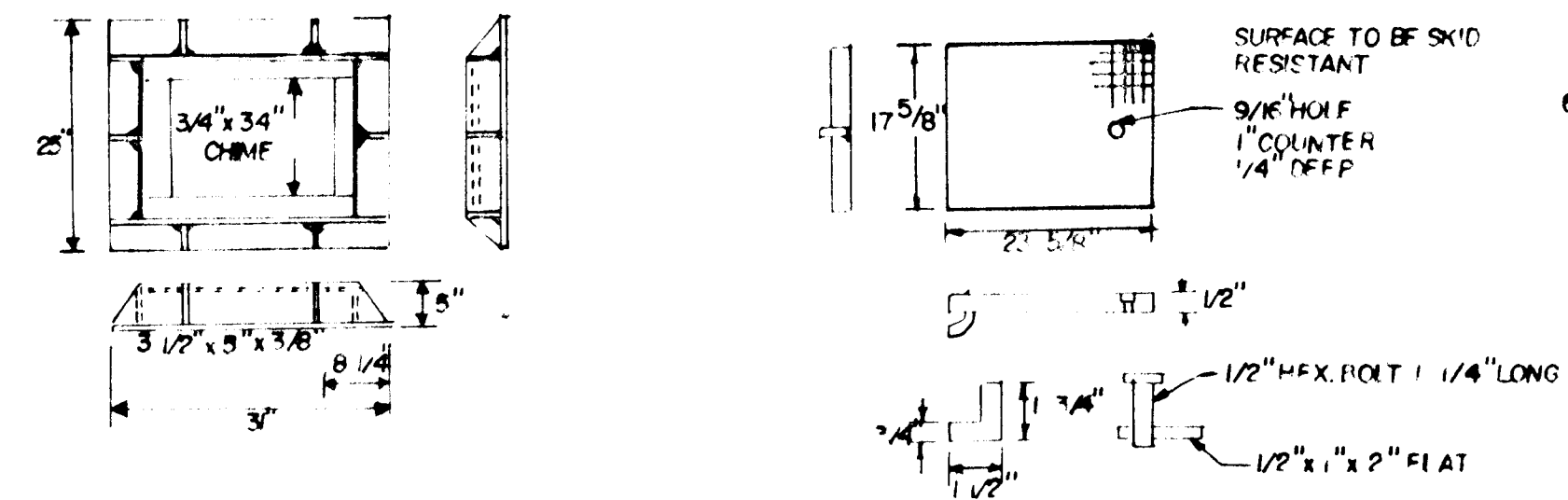


TYPICAL FOR HANDBOX CONSTRUCTION

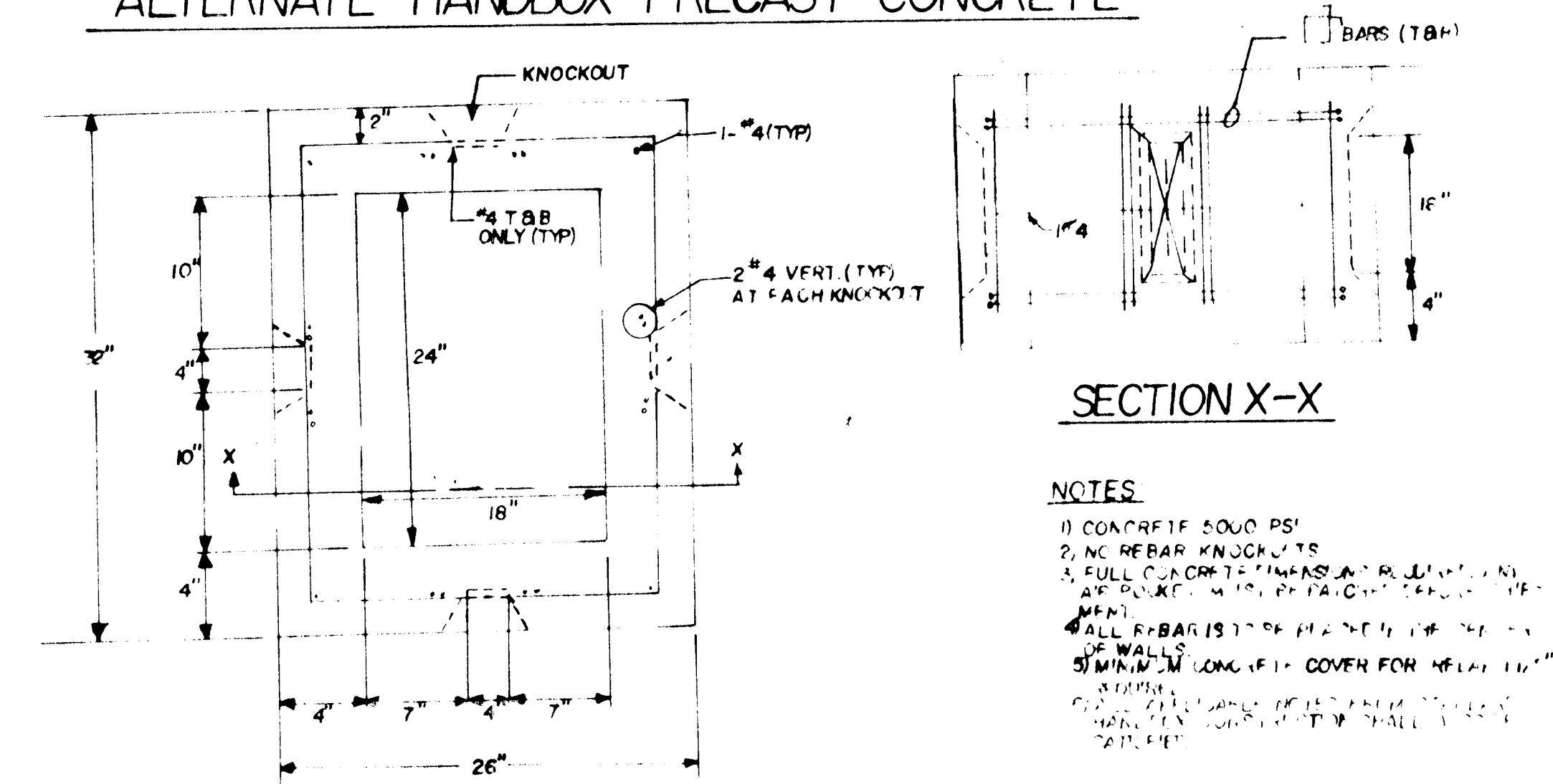


- NOTES:**
- ANY SPACES BETWEEN THE CONDUIT AND THE HANDBOX WALL SHALL BE PATCHED WITH CONCRETE OR OTHER SEALER APPROVED BY THE ENGINEER.
 - ALL METAL CONDUIT ENDS SHALL BE BONDED WITH OTHER CONDUIT ENDS BY USING BONDING BUSHINGS AND NO. 8 AWG COPPER WIRE.
 - ALL ELECTRICAL CABLES ARE REQUIRED TO HAVE 3' SLACK IN HANDBOX. THIS WIRE IS TO BE SECURED IN THE HANDBOX SO IT DOES NOT LAY ON THE BOTTOM OF THE HANDBOX.
 - HANDBOX FRAME & COVER SHALL BE GALVANIZED PER ASTM A 125.
 - WHEN ALL CONDUIT AND ELECTRICAL WIRE IS IN PLACE, THE END OF THE CONDUITS SHALL BE SEALED WITH DUCT SEALER OR OTHER PLIABLE MATERIAL AS APPROVED BY THE ENGINEER.
 - WALLS (IF APPLICABLE) SHALL BE BRICK OR CONCRETE BLOCK (NO CINDER BLOCK). ONLY FINAL COURSE SHALL BE CAPPED (NO VOILS USING CONCRETE BLOCK).

TYPICAL HANDBOX FRAME AND COVER

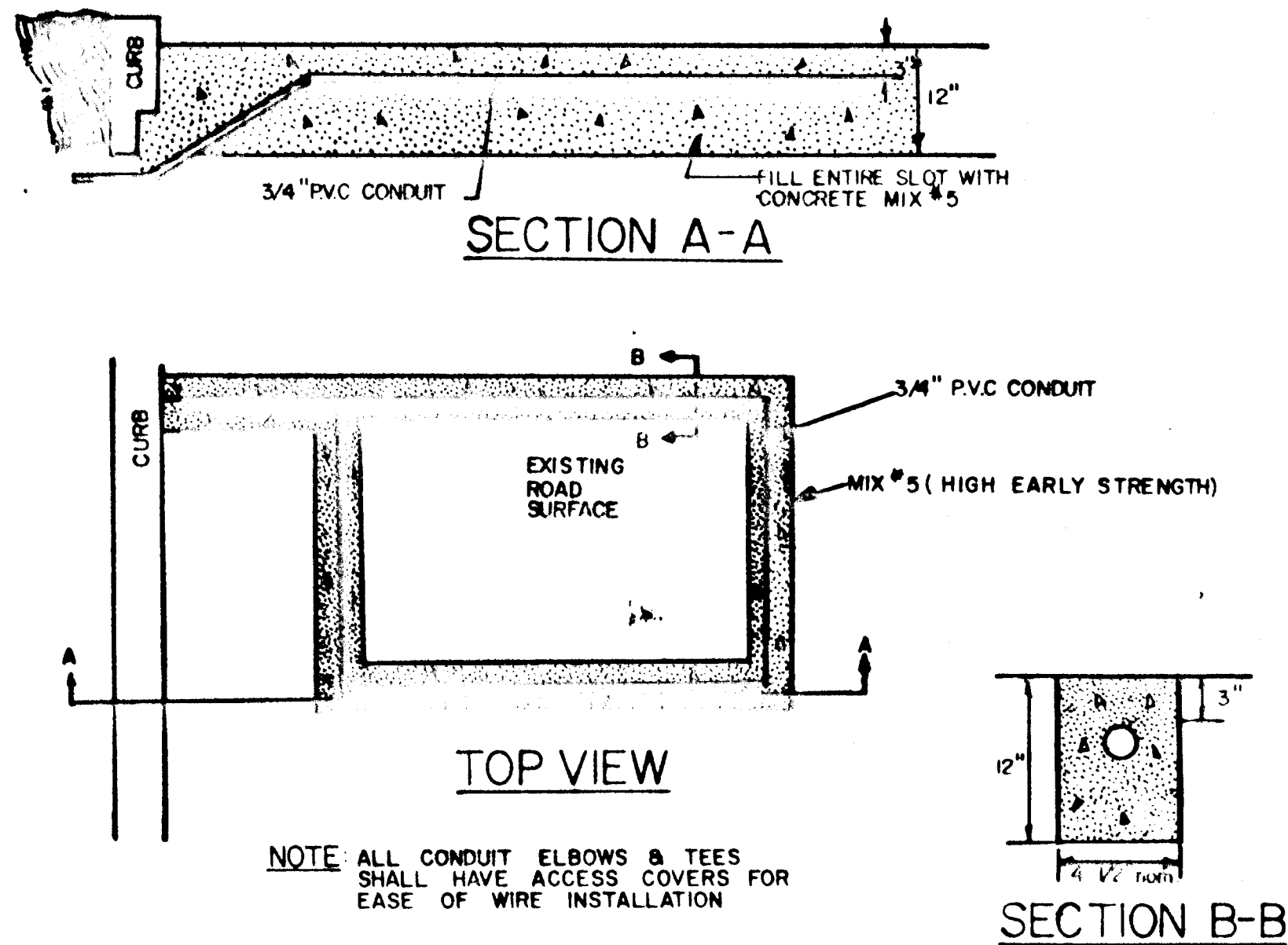


ALTERNATE HANDBOX PRECAST CONCRETE

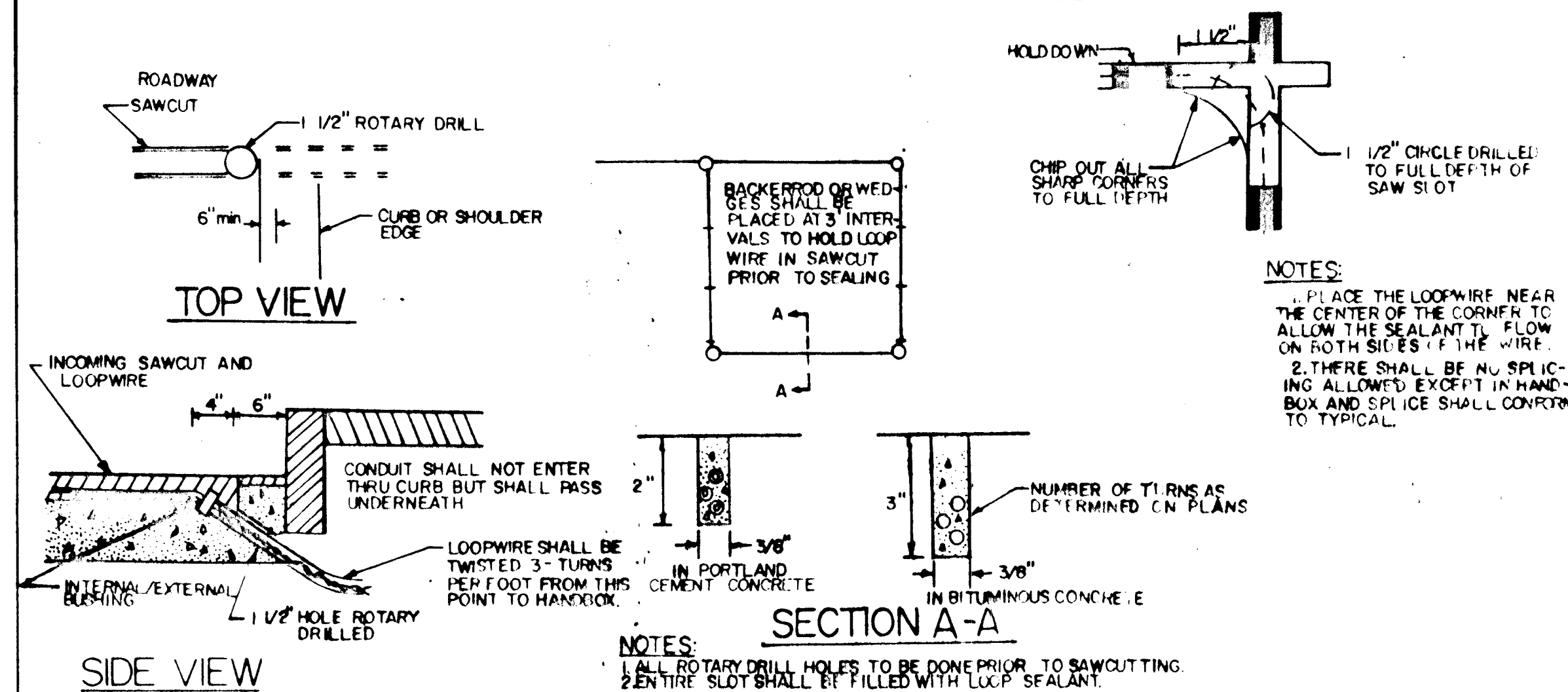


- NOTES:**
- CONCRETE 2000 PSI
 - NO REBAR KNOCKOUTS
 - FULL COURSE FINISH AS PER DETAIL
 - ALL REBAR IS TO BE PLACED IN THE WALLS
 - MINIMUM COVER FOR REBAR IS 2 INCHES

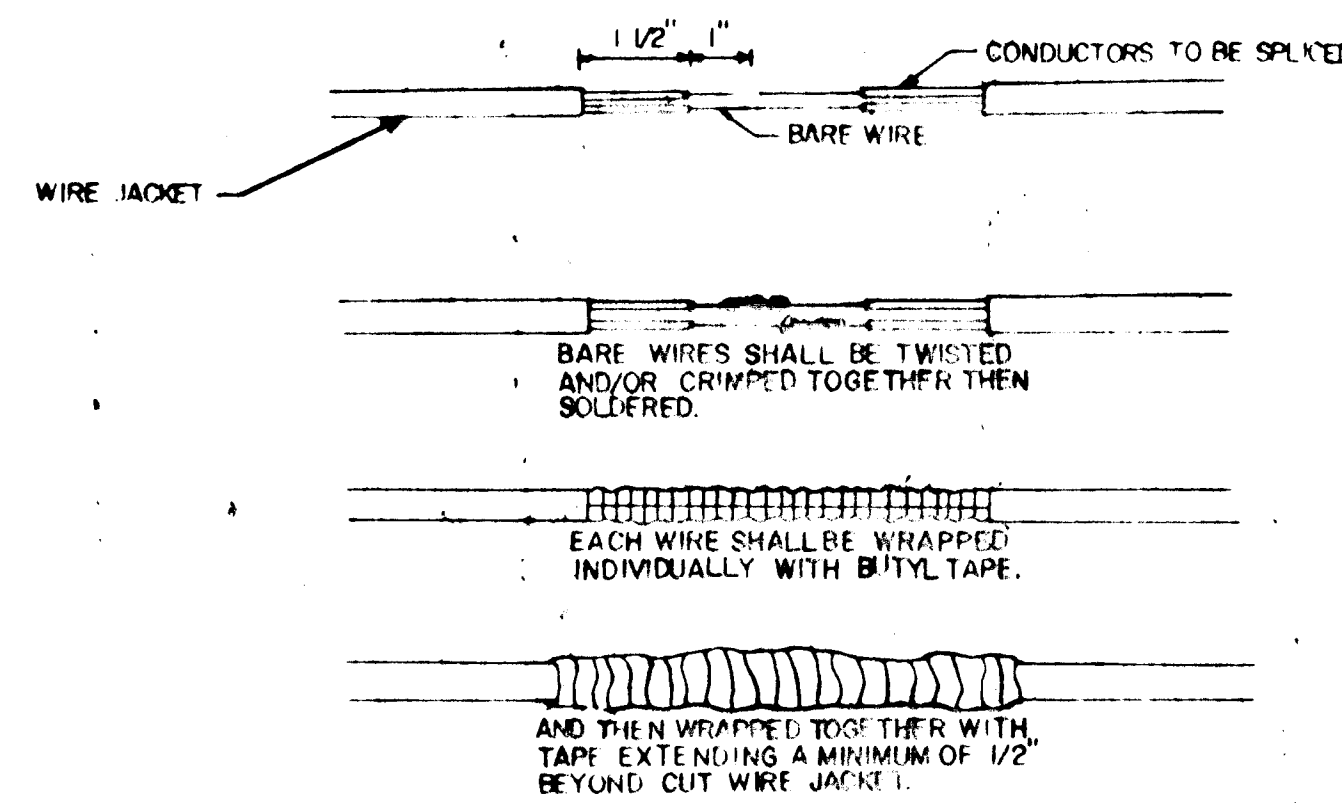
TYPICAL FOR P.V.C LOOP PLACEMENT



SAWCUT & CURB ENTRANCE DETAIL

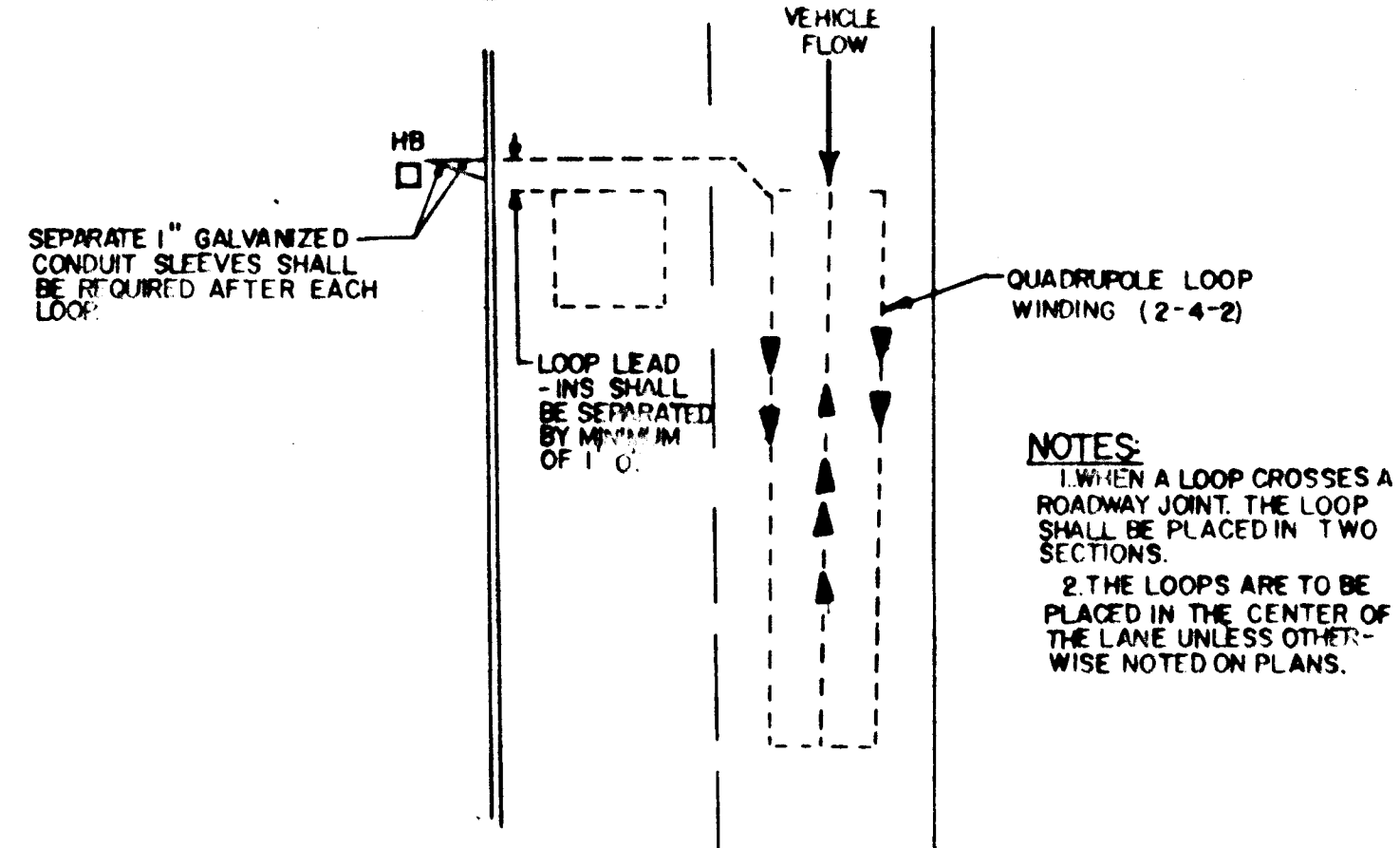


LOOP DETECTOR LEAD IN TO SHIELDED CABLE SPLICE



NOTE: THE FINISHED SPLICE SHALL BE TREATED WITH WATERPROOF SCOTCH GLASS COATING OR A HEAT SHRINK TUBING.

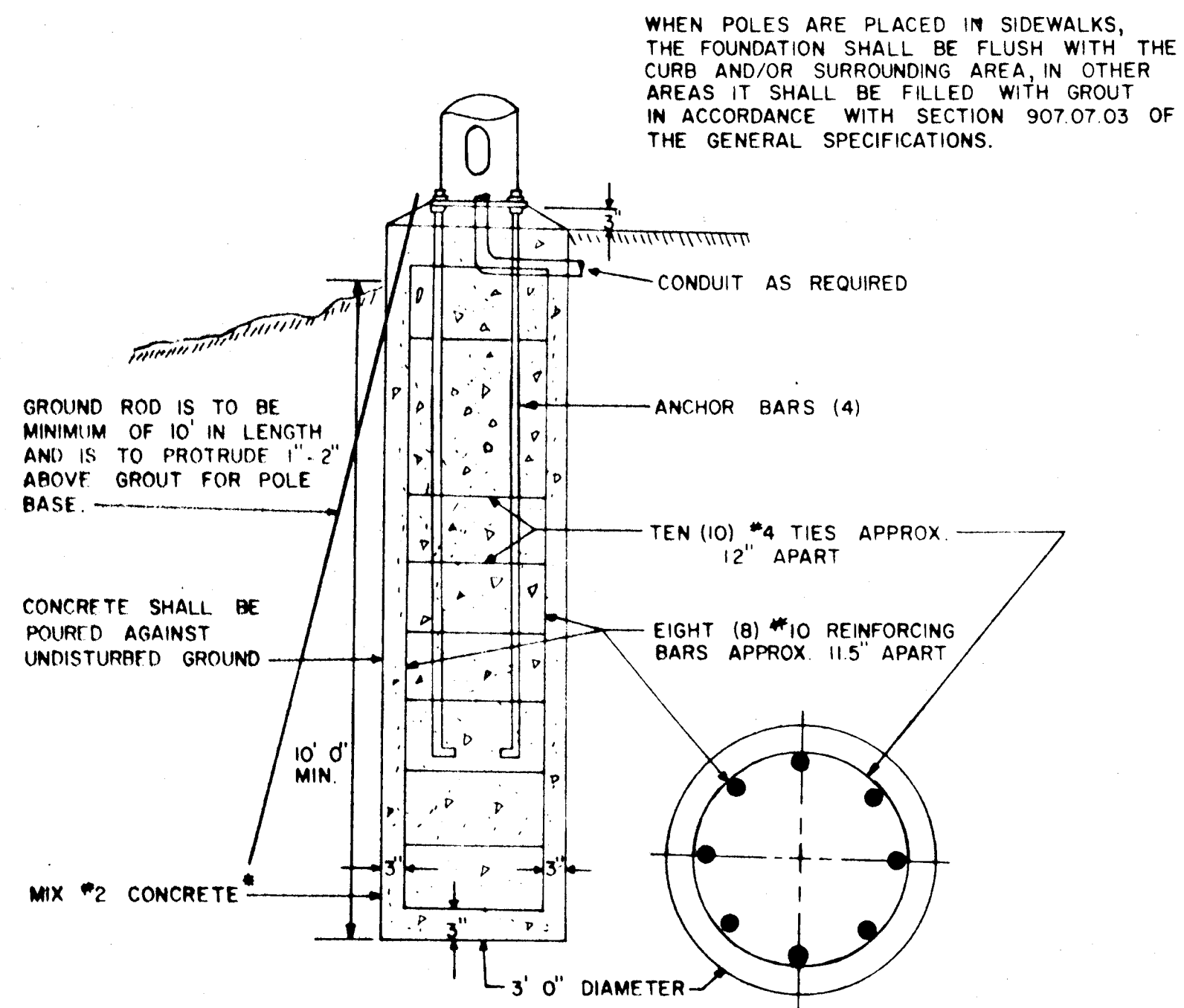
LOOP PLACEMENT



APPROVAL: CHIEF SIGNAL DESIGN SECTION		STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION BUREAU OF TRAFFIC ENGINEERING OFFICE OF TRAFFIC
APPROVAL: DISTRICT TRAFFIC ENGINEER		
APPROVAL: CHIEF OF BUREAU OF TRAFFIC ENGINEERING		
APPROVAL: DEPUTY CHIEF ENGINEER OFFICE OF TRAFFIC		
DRAWN BY: REGGIE [Signature]		TYPICAL SHEET NO. 1
DESIGNED BY:		SCALE: 4-30-85
CHECKED BY:		TS-

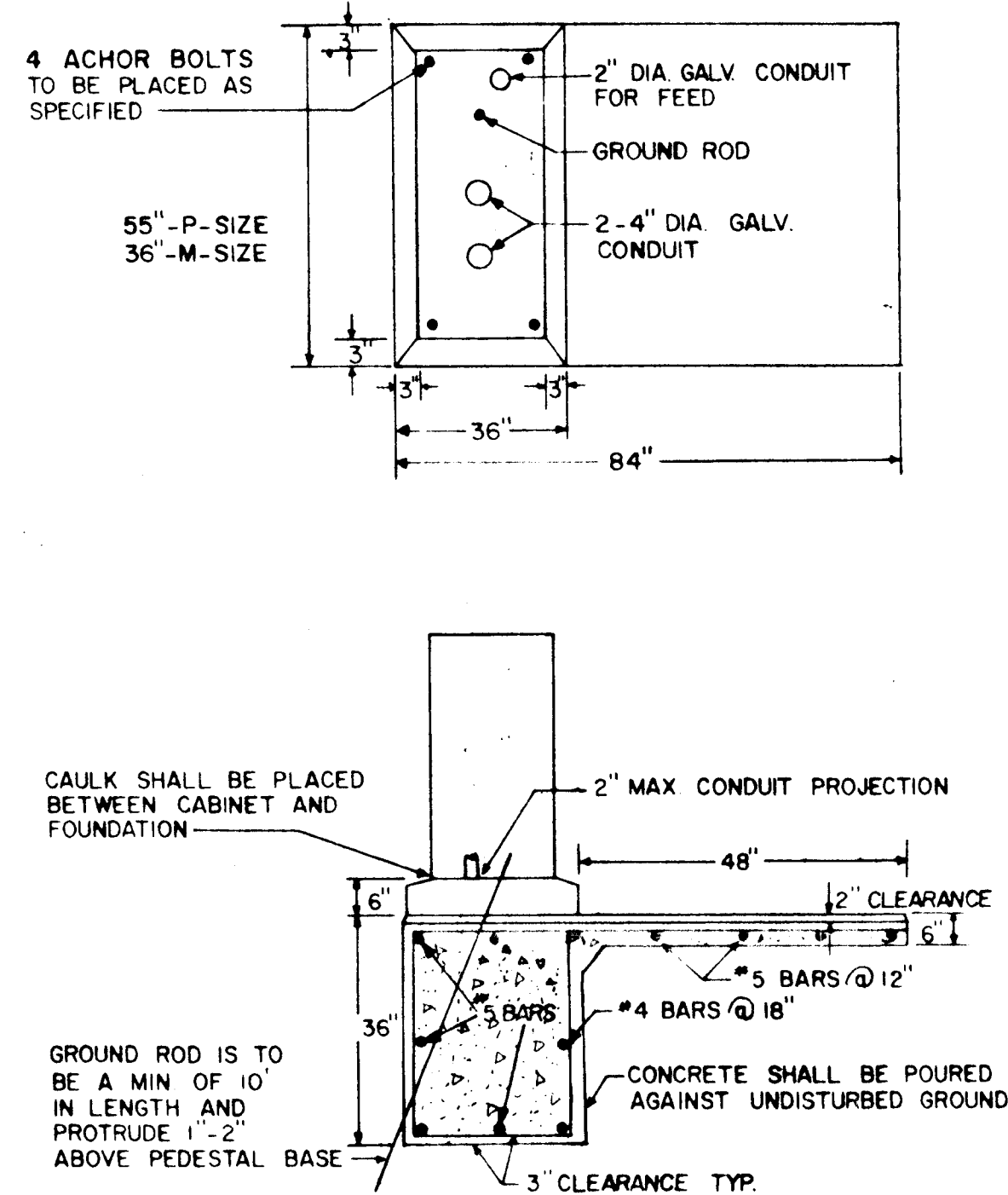
FOUNDATIONS

STRAIN POLE AND MAST ARM POLE

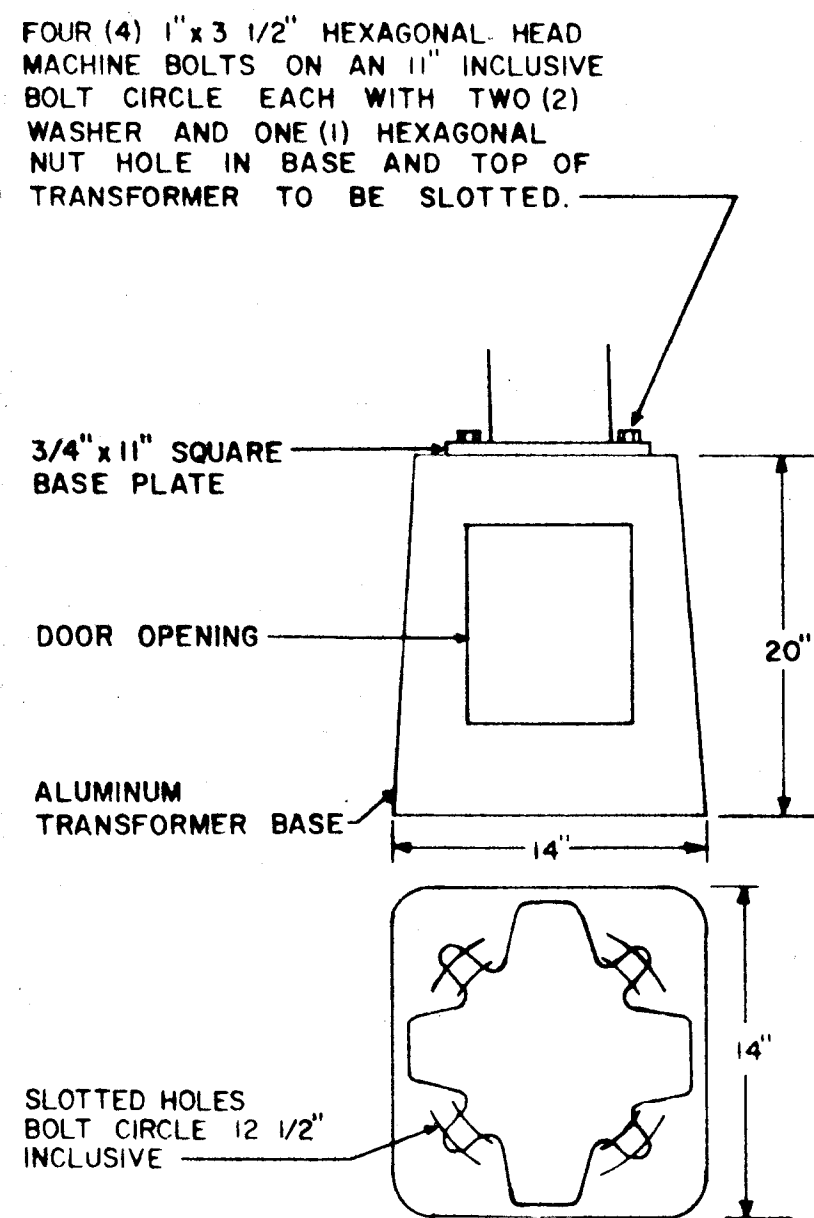
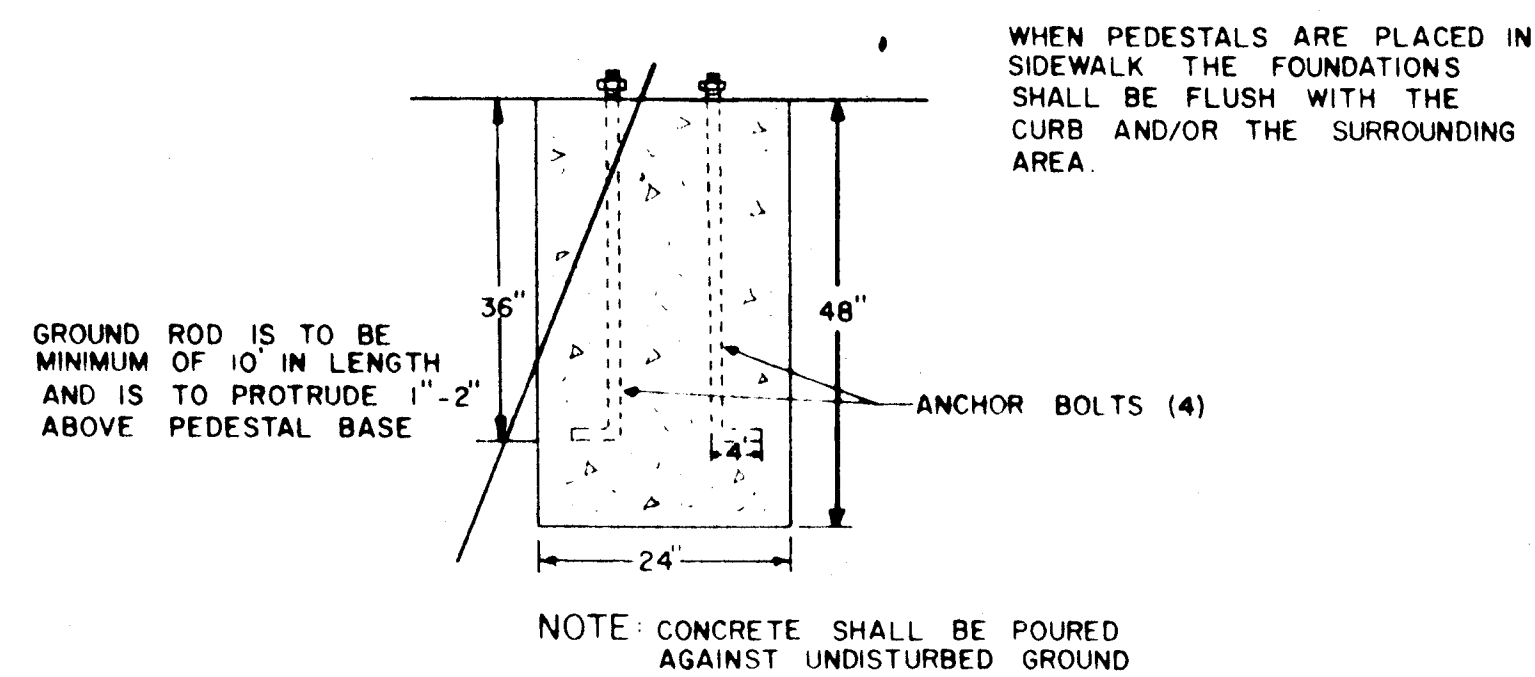


*SEE ITEMS 3.25 AND 3.26 ON PAGE 19

BASE MOUNTED CABINET

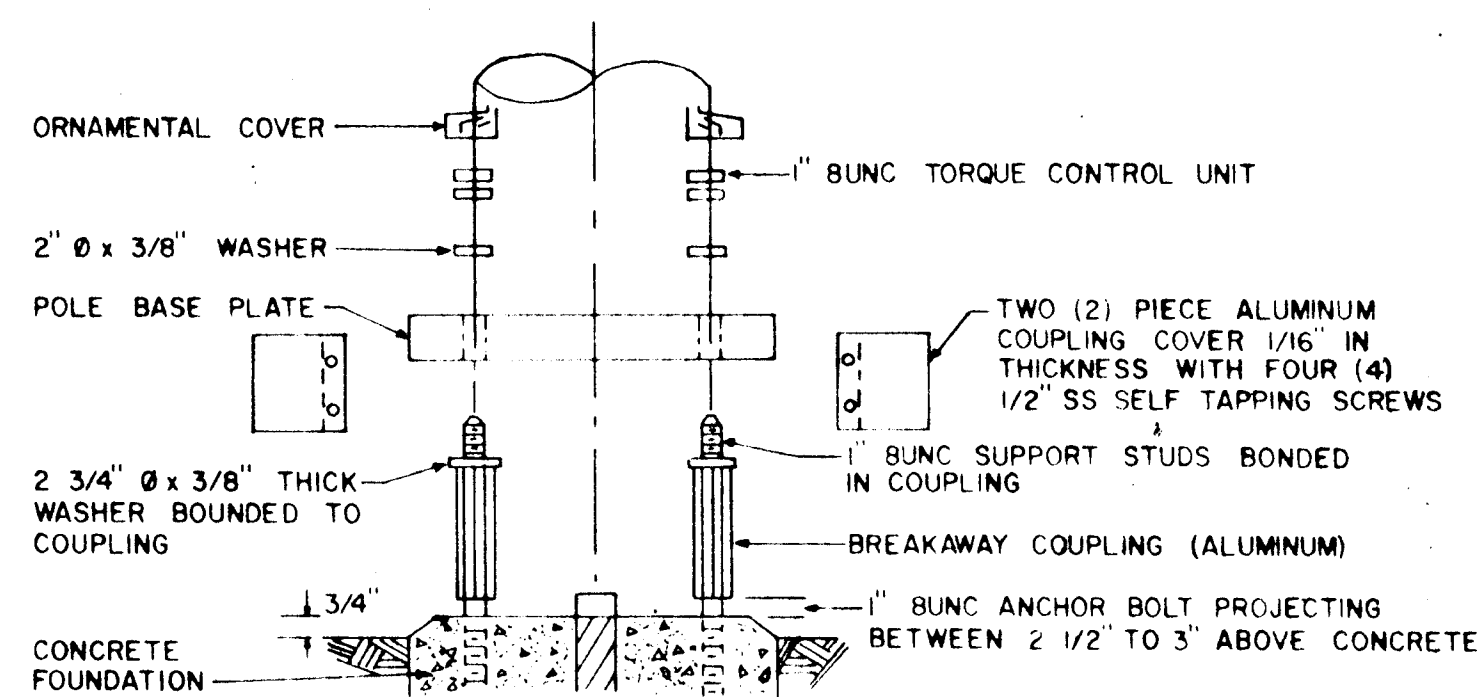
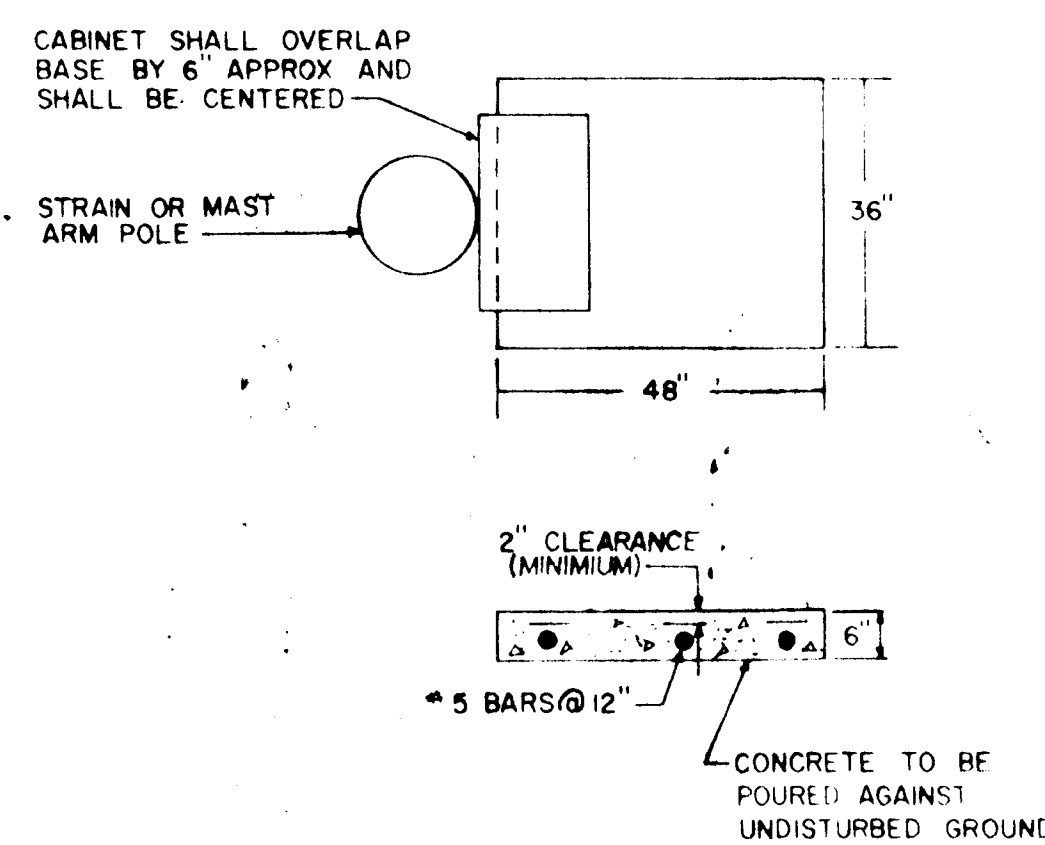


BREAKAWAY PEDESTAL POLE



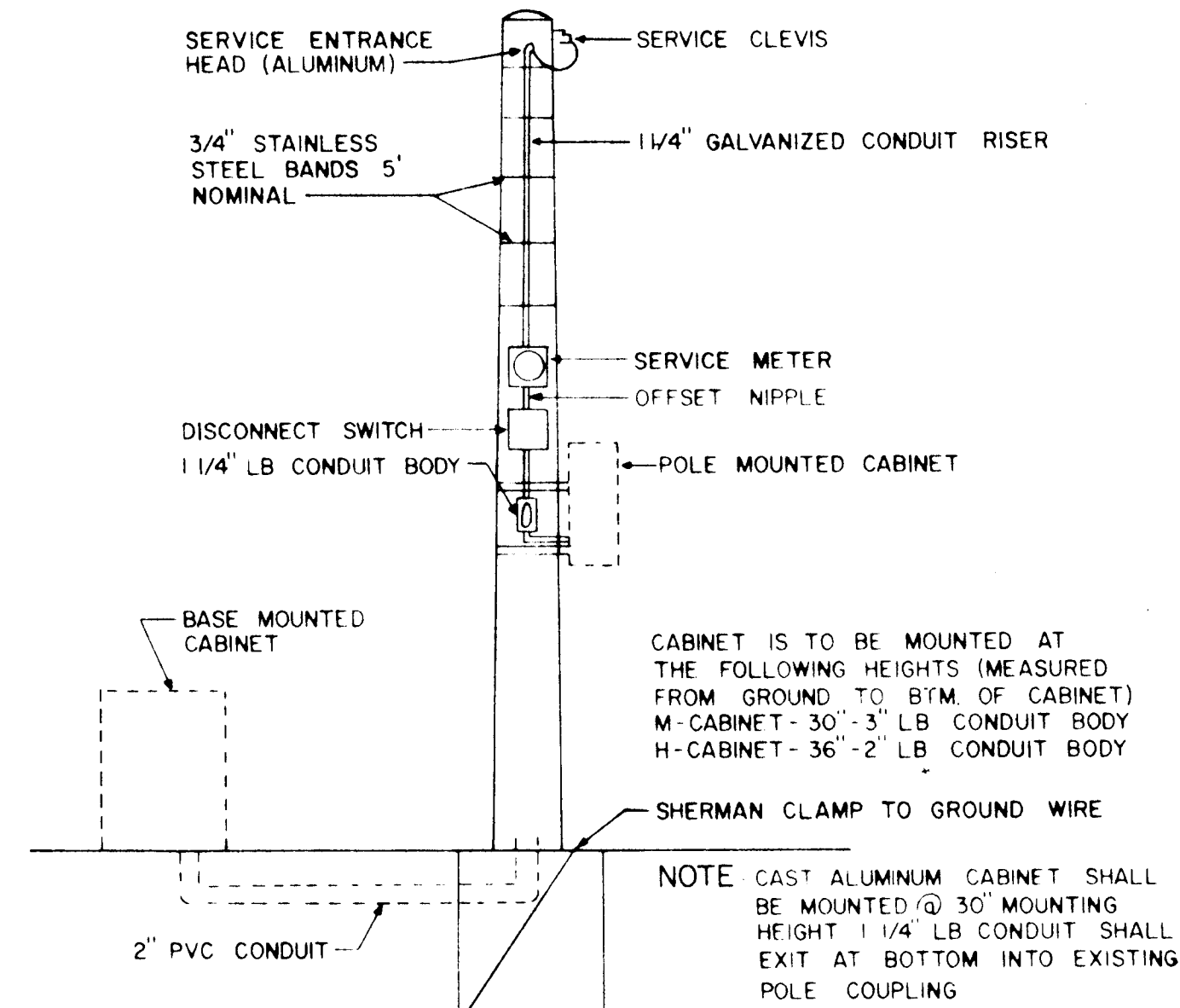
TRANSFORMER BASE

POLE MOUNTED CABINET

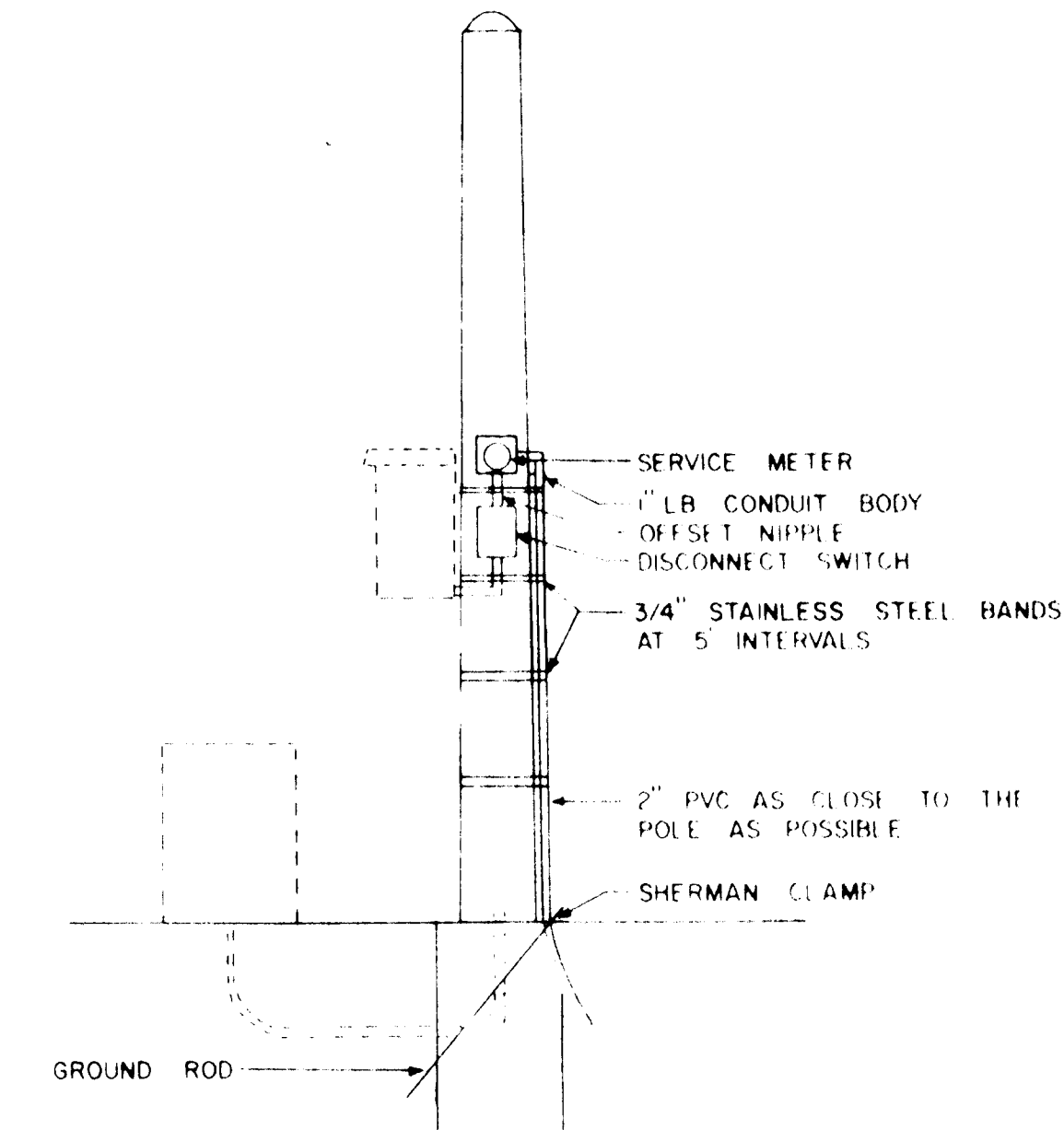


BREAKAWAY COUPLINGS

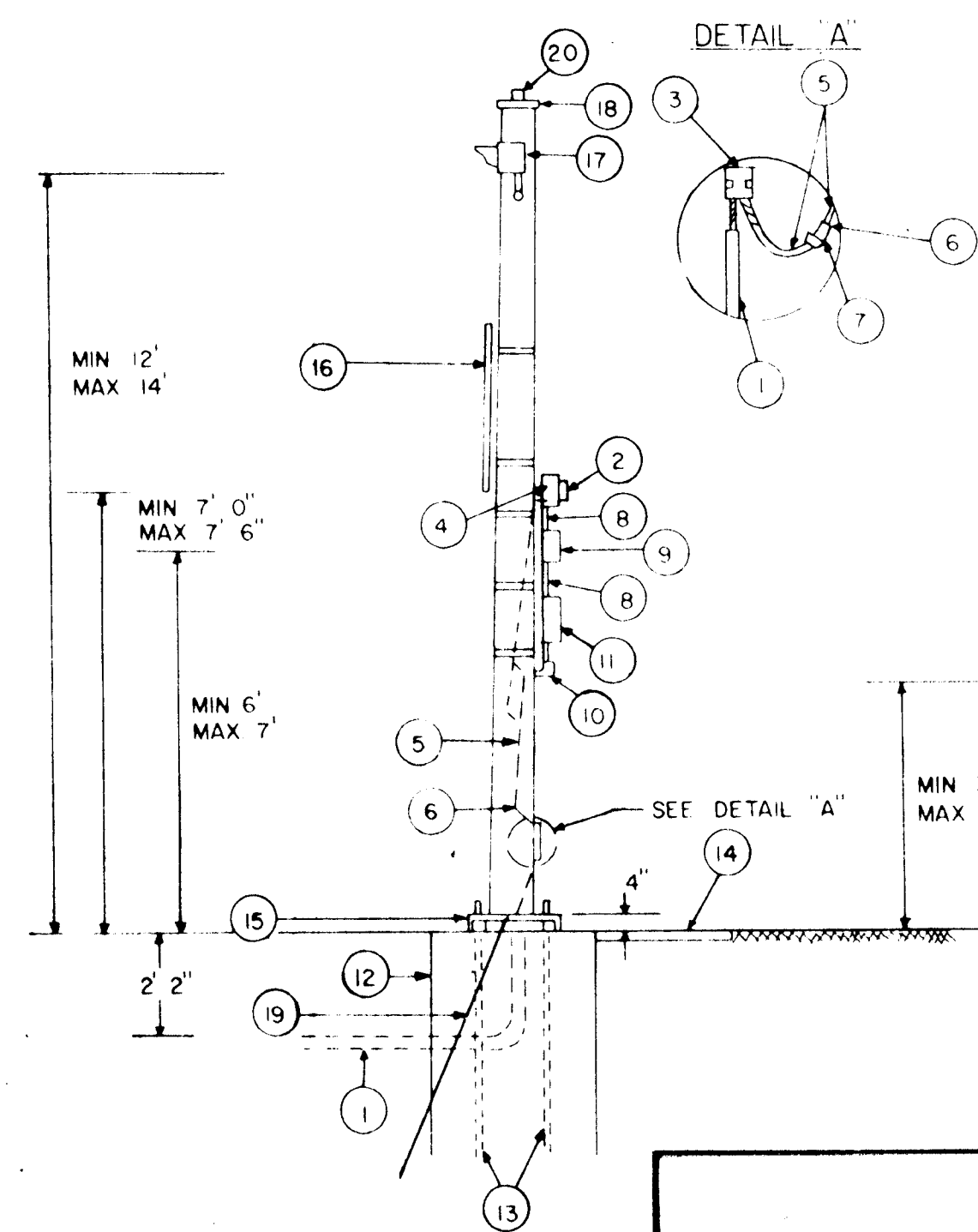
OVERHEAD SERVICE ATTACHMENT



UNDERGROUND SERVICE ATTACHMENT



H.I.B. TYPICAL



CONSTRUCTION DETAIL

- POWER COMPANY FURNISHES AND INSTALLS
- SERVICE LATERAL
 - WATTHOUR METER
 - CONNECTION TO CONTRACTOR'S WIRING (BURNDY YPC2ABUV, MECH #11-030 DIE-WB61 CRIMP)
- CONTRACTOR/POWER COMPANY FURNISHES AND CONTRACTOR INSTALLS
- METER SOCKET
 - 3-WIRE #8 TYPE THWN SERVICE ENTRANCE WIRING COLORS, RED, BLACK, WHITE
 - LEAVE 18" FOR CONNECTIONS
 - QUICK DISCONNECT, IN LINE CONNECTORS
 - TYPE L, UNFUSED FOR AC NEUTRAL (SHA TYPE I)
 - TYPE L, UNFUSED FOR AC+(SHA TYPE II)
 - 1" GALVANIZED CONDUIT WITH 3/4 SS BANDING
 - SERVICE DISCONNECT SWITCH
- 2" GALVANIZED LB CONDUIT BODY MOUNTED INTO FACTORY 2" BLIND COUPLING
- FOR FLASHER CABINET
- FLASHER CABINET
 - POLE BASE (24" DIA x 48" DEPTH)
 - ANCHOR BARS
 - CABINET PAD (SEE TYPICAL)
 - BREAKAWAY SUPPORT COUPLING SYSTEM (SEE TYPICAL)
 - SIGN WITH 3/4" SS BANDING
 - 12" SIGNAL HEADS, SPACED 60" C TO C
 - POLE CAP
 - GROUND ROD, BONDING TO BE CONTINUOUS RUN FROM GROUND ROD TO POLE TO SERVICE DISCONNECT AND A SECOND CONTINUOUS RUN FROM GROUND ROD TO REMOTE TERMINAL
 - CABINET GROUND BAR ALL BUSHINGS TO BE BONDED
 - PHOTOCELL TO BE ORIENTED IN THE NORTH DIRECTION

NOTE: ITEMS 2 & 9 FOR POTOMAC EDISON SERVICE AREA SHALL BE INSTALLED ON POWER COMPANY'S POLE

APPROVAL: CHIEF SIGNAL DESIGN SECTION	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION BUREAU OF TRAFFIC ENGINEERING OFFICE OF TRAFFIC
APPROVAL: DISTRICT TRAFFIC ENGINEER	
APPROVAL: CHIEF BUREAU OF TRAFFIC ENGINEERING	
APPROVAL: DEPUTY CHIEF ENGINEER OFFICE OF TRAFFIC	
TYPICAL SHEET NO. 2	
DRAWN BY: MICHAEL B. SCHNEIDER COUNTY: _____	
DESIGNED BY: _____ SIGNAL NO: _____	
CHECKED BY: _____ DRAWING NO: _____	