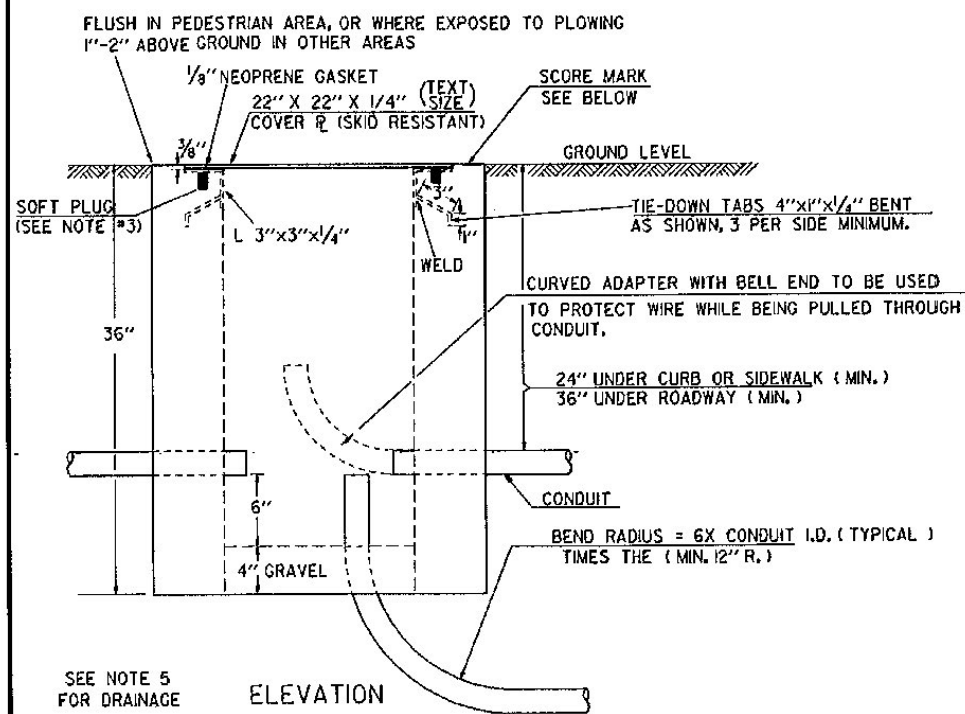
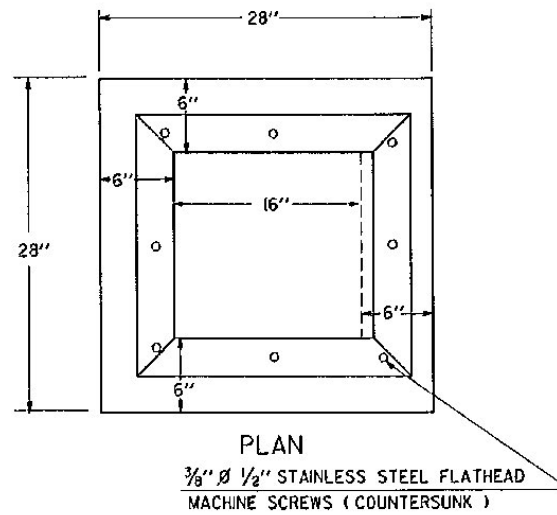


PLAN

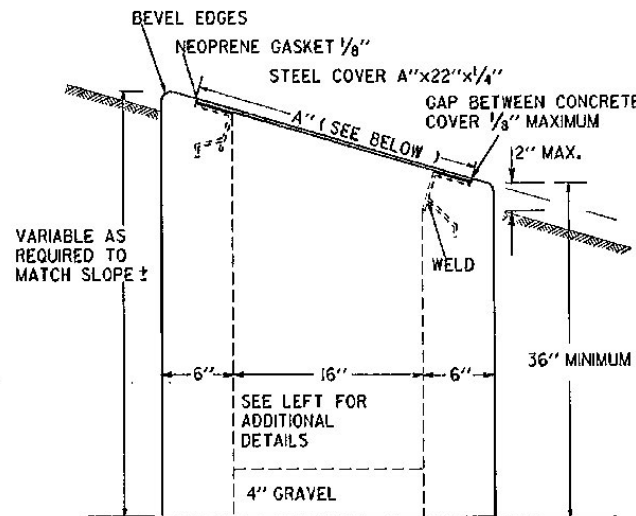


ELEVATION

CONCRETE PULLBOX INSTALLED IN LEVEL GROUND



PLAN

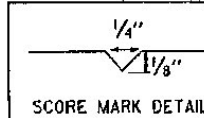


ELEVATION

CONCRETE PULL BOX INSTALLED ON SLOPE

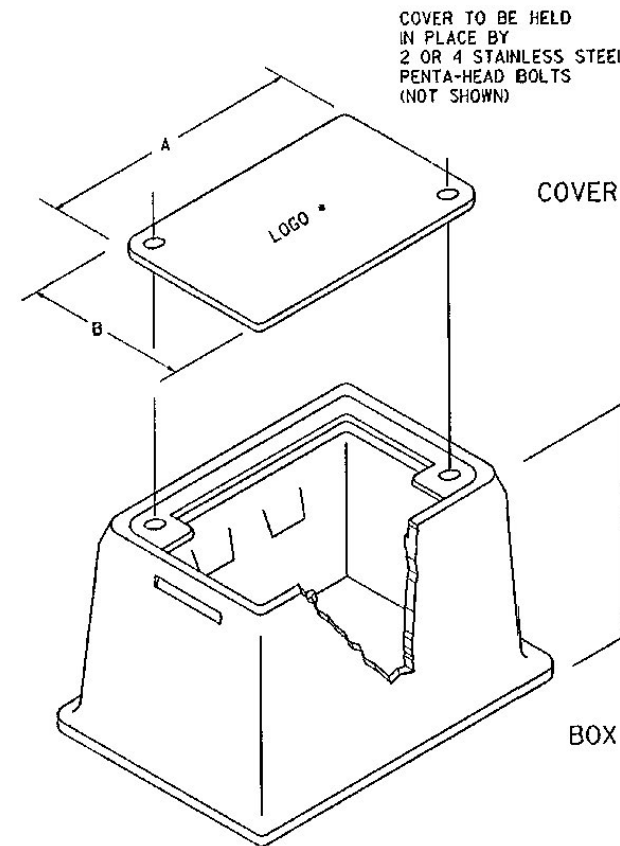
SEE NOTE 5 FOR DRAINAGE

STEEL COVER "A" DIMENSION		
SLOPE	A	USE SLOPE CLOSEST TO FIELD CONDITIONS
1-2	25"	
1-3	24"	
1-4-6	23"	
1-10	SEE LEFT	



- ALTERNATE LOGOS
- TRAFFIC SIGNAL
- RAILWAY SIGNAL
- ELECTRIC
- STREET LIGHTING
- TRAFFIC CONTROL

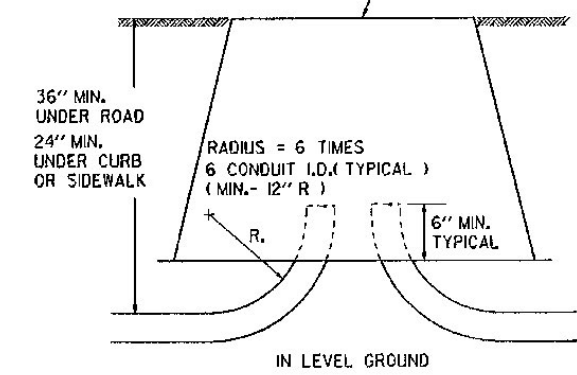
REQUIRED LOGO AS SHOWN ON THE PLANS



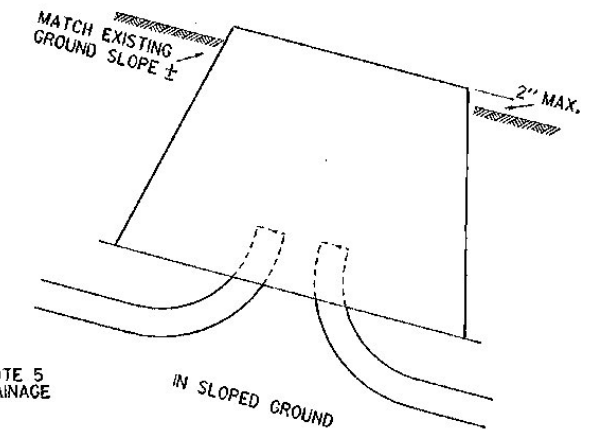
COVER

BOX

FLUSH IN PEDESTRIAN AREAS OR WHERE EXPOSED TO PLOWING, 1"-2" ABOVE GROUND IN OTHER AREAS



IN LEVEL GROUND



IN SLOPED GROUND

SEE NOTE 5 FOR DRAINAGE

DIMENSIONS A THRU C AS SHOWN ON THE PLANS. (SHAPE MAY VARY WITH MANUFACTURER)

JUNCTION BOX

JUNCTION BOX & PULL BOX NOTES

- ALL PULL BOXES TO BE CONCRETE, CLASS B.
- SCORE TOP OF PULL BOXES TO SHOW LOCATION OF CONDUIT (S).
- FOR PULL BOXES PROVIDE SOFT PLUGS IN CONCRETE BELOW THREADED HOLES IN THE COVER FRAME TO PERMIT RETHRADING AT A FUTURE DATE.
- CONDUIT SIZE-AS SHOWN ON THE PLANS.
- EXCAVATION FOR THE UNITS, SHALL INCLUDE EXCAVATION OF AN AREA ONE FOOT OUTSIDE THE UNITS AND EXTENDING ONE FOOT BELOW THE FINISH GRADE OF THE BOTTOM OF THE UNITS. ONE FOOT OF GRANULAR MATERIAL SHALL BE PLACED IN THE EXCAVATED AREA PRIOR TO INSTALLATION. WHERE NECESSARY AND AT THE DISCRETION OF THE ENGINEER, A DRAINAGE CHANNEL SHALL BE PROVIDED FROM THE UNIT TO THE DITCH. PAYMENT SHALL BE SUBSIDIARY TO UNITS, IF ADDITIONAL DRAINAGE IS REQUIRED BY THE ENGINEER (FOR EXAMPLE, UNDERDRAIN), IT SHALL BE PAID AT UNIT PRICE FOR THAT ITEM.
- ALL EXPOSED METAL HARDWARE, INCLUDING PULLBOX COVERS, FRAMES & ANGLES, SHALL BE GALVANIZED OR STAINLESS STEEL.
- SEE STANDARD SPECIFICATIONS, INCLUDING PULLBOX COVERS, FRAMES & ANGLES, FOR JUNCTION BOX SPECIFICATIONS SUBSECTION 752.12.
- ALL CONDUIT SHALL ENTER JUNCTION BOXES FROM THE BOTTOM, NOT THRU THE SIDE WALL.

REVISIONS AND CORRECTIONS

APPROVED

SEPT. 10, 1987
DATE

David W. Kelley
CHIEF ENGINEER

Arthur Ross
DIRECTOR OF PLANNING
AND PRE-CONSTRUCTION

Stanley R. MacArthur
TRAFFIC AND SAFETY ENGINEER

PULL BOXES AND
JUNCTION BOXES



STANDARD
E-173