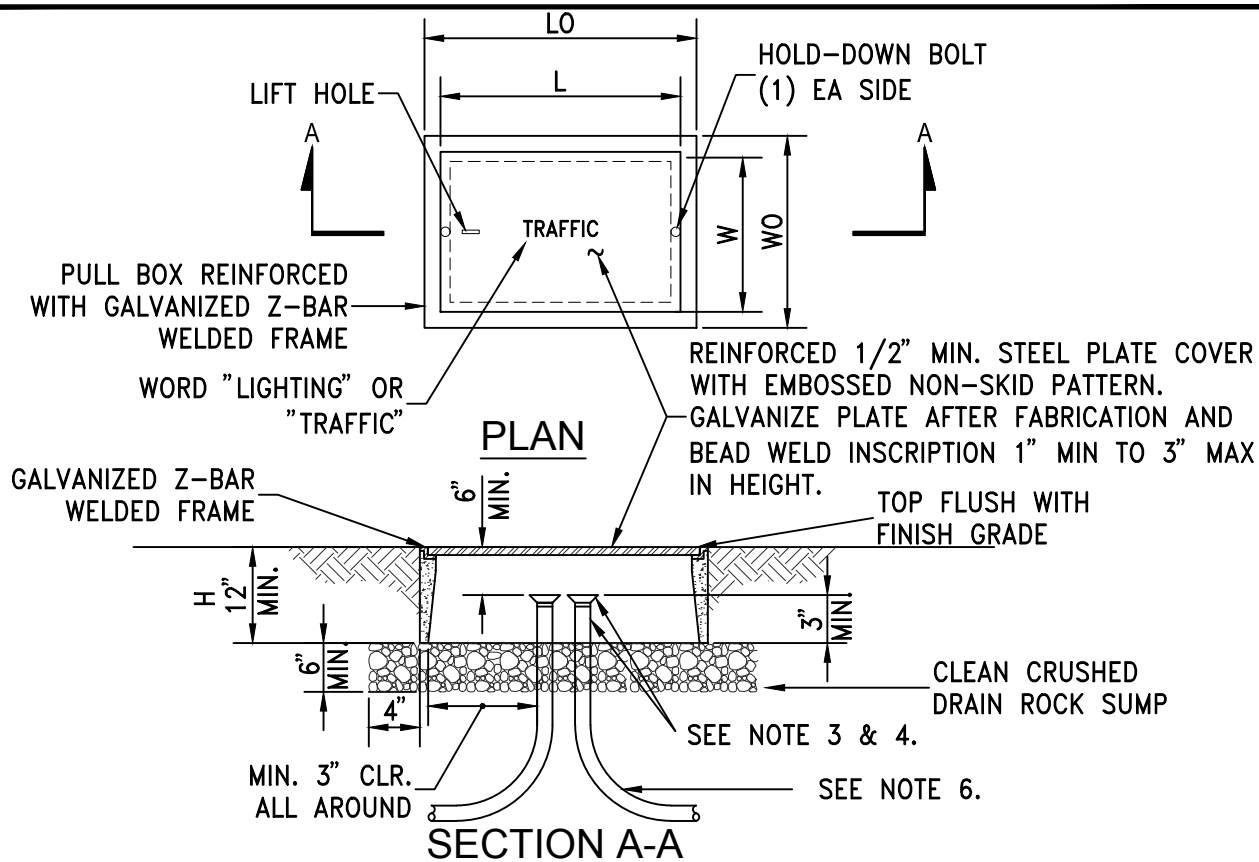




TRAFFIC RATED PULL BOX MINIMUM DIMENSION TABLE					
PULL BOX	CONCRETE BOX		COVER (STEEL COVER)		HEIGHT
	LO	WO	L	W	
No. 3-1/2	19"	12"	14-1/2"	8-3/4"	12"
No. 5	25"	15"	20-1/2"	10-1/2"	12"
No. 7	35"	22"	30"	17"	12"
No. 9	52"	35"	47-3/4"	30"	14"

NOTES:

1. No. 5 TRAFFIC RATED PULL BOXES SHALL BE USED AT LOCATION WHERE CONDUIT RUNS CONTAIN TRAFFIC SIGNAL CABLE OR CARRY POWER. No. 3-1/2 TRAFFIC RATED PULL BOXES SHALL ONLY BE USED AS APPROVED BY CITY OF SPARKS TRAFFIC ENGINEER.
2. TRAFFIC RATED BOX SHALL BE USED IN VEHICULAR AREAS ONLY, INCLUDING, BUT NOT LIMITED TO TRAVEL WAY, DRIVEWAY APPROACHES AND WITHIN PEDESTRIAN RAMPS AT INTERSECTION CURB RETURNS OR AS APPROVED BY CITY OF SPARKS TRAFFIC ENGINEER.
3. ALL CONDUIT TERMINATIONS SHALL HAVE A "BELL END" INSTALLATION AND BE SEALED WITH CONDUIT SEALER AFTER WIRE INSTALLATION.
4. ALL EXPOSED CONDUIT SHALL BE RIGID PVC SCHEDULE 80, AND SHALL EXTEND TO A MINIMUM DEPTH OF 18 INCHES.
5. BOX EXTENSIONS SHALL NOT BE USED UNLESS APPROVED BY CITY OF SPARKS TRAFFIC ENGINEER.
6. CONDUIT ENDS SHALL NOT TERMINATE WITHIN A SWEEP SECTION.
7. ALL LIDS SHALL BE GROUNDED. ALL METAL COVERS, METAL Z-BAR FRAME, METAL RINGS OR ANY METALLIC COMPONENT OF A PULL BOX SHALL BE BONDED TO A #8 AWG OR LARGER COPPER EQUIPMENT GROUNDING CONDUCTOR. BONDING JUMPERS SHALL BE BRAIDED COPPER EQUIVALENT TO #8 AWG COPPER AND MINIMUM 36" IN LENGTH AND SHALL BE ATTACHED WITH EXOTHERMIC WELDING. PROCESS IS A MOLECULAR BONDING WITH HIGH COPPER CONTENT ALLOYS (IN EXCESS OF 90%), HIGH CORROSION RESISTANCE AND HIGH CONDUCTIVITY, AND APPROVED GROUNDING LUG.

STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.



TRAFFIC RATED PULL BOX

S-407H

APPROVED BY: JE DATE: 1/2020