


1. USE STEEL COVER AND SPECIAL CONCRETE FOOTING, AS SHOWN, WHEN BOX IS APPROVED BY THE ENGINEER TO BE INSTALLED WHERE SUBJECT TO VEHICULAR TRAFFIC LOADS. STEEL COVER SHALL HAVE EMBOSSED NON-SKID PATTERN.
2. STEEL REINFORCING SHALL BE AS REGULARLY USED IN THE STANDARD PRODUCTS OF THE RESPECTIVE MANUFACTURER.
3. TOP OF PULL BOXES SHALL BE FLUSH WITH SURROUNDING GRADE, SIDEWALK, OR TOP OF ADJACENT CURB, EXCEPT THAT IN UNPAVED AREAS WHERE PULL BOX IS NOT IMMEDIATELY ADJACENT TO AND PROTECTED BY A CONCRETE FOUNDATION, POLE OR OTHER PROTECTIVE CONSTRUCTION, THE BOX SHALL BE PLACED WITH ITS TOP 0.10 FOOT ABOVE SURROUNDING GRADE. WHERE PRACTICABLE, PULL BOXES SHOWN IN THE VICINITY OF CURBS SHALL BE PLACED ADJACENT TO THE BACK OF CURB, AND PULL BOXES SHOWN ADJACENT TO STANDARDS SHALL BE PLACED IN ACCORDANCE WITH DETAIL E-14.
4. PULL BOX COVERS SHALL BE MARKED AS FOLLOWS:
 CSJ TRAFFIC SIGNAL: FOR TRAFFIC SIGNAL SYSTEMS WITH OR WITHOUT STREET LIGHTING SYSTEMS.
 CSJ STREETLIGHTING: FOR STREETLIGHTING SYSTEMS ONLY
 CSJ COMMUNICATION: FOR TRAFFIC SIGNAL COMMUNICATIONS SYSTEMS ONLY.
 CSJ TREE LIGHTING: FOR TREE LIGHTING SYSTEMS ONLY.
 CSJ SPRINKLER CONTROL: FOR SPRINKLER CONTROL SYSTEMS ONLY.
 CSJ COUNT STATION: FOR TRAFFIC COUNT STATION SYSTEMS ONLY.
 CSJ SERVICE: FOR SERVICE LATERALS TO UTILITY FACILITIES TERMINATION POINT ONLY.
 CSJ ELECTRICAL: FOR MISCELLANEOUS ELECTRICAL SYSTEMS ONLY.
5. ALL METAL COVERS, METAL Z-BAR FRAME, METAL RINGS OR ANY METALLIC COMPONENT OF A PULLBOX 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 36" IN LENGTH, MINIMUM, AND SHALL BE ATTACHED WITH 1/4" - 20 STAINLESS STEEL SCREW (DRILL AND TAP AS REQUIRED) AND APPROVED GROUNDING LUG.
6. THE NOMINAL DIMENSIONS OF THE OPENING IN WHICH THE COVER SETS SHALL BE THE SAME AS THE COVER DIMENSIONS EXCEPT THE LENGTH AND WIDTH DIMENSIONS SHALL BE 1/8" GREATER.
7. ALL COVERS AND BOXES SHALL BE INTERCHANGEABLE WITH CITY OF SAN JOSE MALE AND FEMALE GAGES. WHEN INTERCHANGED WITH A STANDARD MALE OR FEMALE GAGE, THE TOP SURFACES SHALL BE FLUSH WITHIN 1/8". TOP OUTSIDE EDGE OF ALL CONCRETE COVERS AND PULL BOXES SHALL HAVE A 1/4" MIN. RADIUS.
8. WHEN PULLBOX IS INSTALLED IN SIDEWALK AREA, THE DEPTH OF THE PULL BOX SHALL BE ADJUSTED SO THAT THE TOP OF THE BOX IS FLUSH WITH THE TOP OF THE SIDEWALK.
9. PULL BOX SHALL NOT BE INSTALLED WITHIN THE BOUNDARIES OF NEW OR EXISTING WHEELCHAIR RAMPS OR DRIVEWAYS.
10. ALL PULL BOXES SHALL BE LOCATED WITHIN CITY RIGHT-OF-WAY.
11. DRAIN ROCK CUSHION SHALL EXTEND A MIN. OF 6" BEYOND INSIDE WALLS OF NON-TRAFFIC BOX.
12. CONDUITS SHALL TERMINATE NOT MORE THAN 2" AND NOT LESS THAN 1" INSIDE THE BOX, AND SHALL BE NOT LESS THAN 1" NOR MORE THAN 2" CLEAR FROM THE GROUTED BOTTOM OF THE BOX.

APPROVED BY <i>aws</i>	CONCRETE PULLBOX NOTES		DRAWING NO. E-05
DATE 3/3/92			