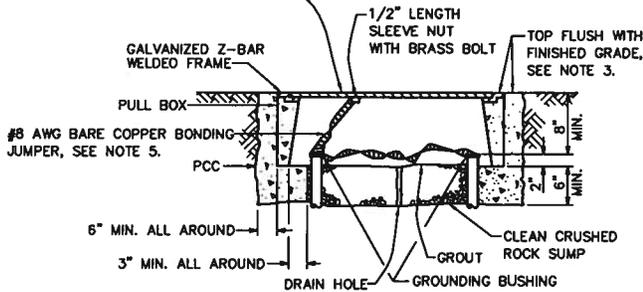


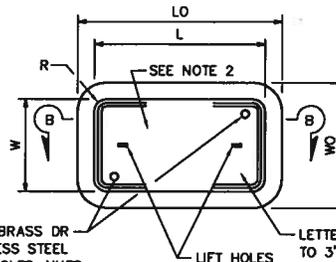
REINFORCED 1/2" MIN. STEEL PLATE COVER, GALVANIZED AFTER FABRICATION. SEE NOTE 4.

TOP VIEW



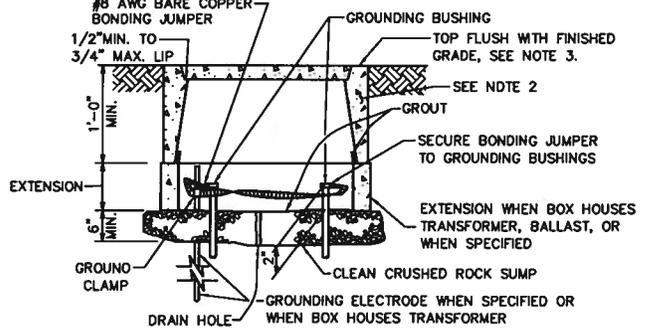
SECTION A-A

NO. 5(T) AND NO. 6(T)
TRAFFIC PULL BOX



3/8" # BRASS DR STAINLESS STEEL STUD BOLTS, NUTS AND WASHERS. 2 PER BOX. RECESS IN COVER WITH NUT.

TOP VIEW



SECTION B-B

INSTALLATION DETAILS

NOTES ON PULL BOXES:

- #6 PULL BOXES SHALL HAVE A "FIBERLYTE" COVER AND #5 PULL BOXES SHALL HAVE A CONCRETE COVER. COVERS SHALL HAVE A NON-SKID SURFACE.
- STEEL REINFORCING SHALL BE AS REGULARLY USED IN THE STANDARD PRODUCTS OF THE RESPECTIVE MANUFACTURER.
- TOP OF PULL BOXES SHALL BE FLUSH WITH SURROUNDING GRADE 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 1-1/4" 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 ON SIDE OF FOUNDATION FACING AWAY FROM TRAFFIC, UNLESS OTHERWISE NOTED. WHEN PULL BOX IS INSTALLED IN SIDEWALK AREA, THE DEPTH OF THE PULL BOX SHALL BE ADJUSTED SO THAT THE TOP OF THE PULL BOX IS FLUSH WITH THE SIDEWALK. ALL UNIMPROVED AREAS SHALL HAVE A 6" WIDE X 4" DEEP CONCRETE BORDER AROUND THE PULL BOX.
- PULL BOX LIDS SHALL BE MARKED "TRAFFIC SIGNAL" FOR TRAFFIC SIGNAL EQUIPMENT.
 - NUMBER 5, 6, 6E, 9 OR 9A PULL BOXES.
 - "TRAFFIC SIGNAL" TRAFFIC SIGNAL CIRCUITS WITH OR WITHOUT STREET OR SIGN LIGHTING CIRCUITS
- BONDING JUMPER FOR METAL COVERS SHALL BE 3' LONG MINIMUM.
- 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.
- COVERS AND BOXES SHALL BE INTERCHANGEABLE WITH CALIFORNIA STANDARD MALE AND FEMALE GAGES. WHEN INTERCHANGED WITH A STANDARD MALE AND FEMALE GAGE, THE TOP SURFACES SHALL BE FLUSH WITHIN 1/8". TOP OUTSIDE EDGE OF CONCRETE COVERS AND PULL BOXES SHALL HAVE A 1/4" MINIMUM RADIUS.
- PULL BOXES SHALL NOT BE INSTALLED WITHIN THE BOUNDARIES OF NEW OR EXISTING CURB RAMPS.
- PULL BOXES FOR ELECTROLIERS, POST AND SIGNAL STANDARDS SHALL BE LOCATED +/- 5' FROM THE STATION OF THE ADJACENT ELECTROLIER, POST OR SIGNAL STANDARD. PULL BOXES SHALL BE PLACED ADJACENT TO BACK OF CURB OR EDGE OF SHOULDER EXCEPT WHERE THIS IS IMPRACTICAL, A BOX MAY BE PLACED IN ANOTHER SUITABLE PROTECTED AND ACCESSIBLE LOCATION.
- PULL BOXES SHALL BE NO. 6 UNLESS OTHERWISE SPECIFIED ON PLAN.
- PULL BOXES SUBJECT TO TRAFFIC LOADS SHALL BE CALTRANS SPEC. TYPE (T).

PULL BOX	DIMENSION TABLE									
	CONCRETE BOX				CONCRETE OR NON-PCC COVERS					
	MIN. * THICKNESS	MIN. DEPTH BOX AND EXTENSION	WO	LO	L **	W **	R	EDGE THICKNESS	EDGE TAPER	
NO. 5	1"	1'-10"	1'-4 3/4"	2'-2 1/4"	1'-11 1/2"	1'-1 3/4"	1 1/4"	2"	1/8"	
NO. 6	1 1/2"	2'-0"	1'-8 3/8"	2'-9 3/8"	2'-6 1/2"	1'-5 1/2"	1 1/4"	2"	1/8"	

* EXCLUDING CONDUIT WEB ** TOP DIMENSION

PULL BOX	DIMENSION TABLE											
	CONCRETE BOX				CONCRETE OR NON-PCC COVERS							
	MIN. * THICKNESS	MIN DEPTH BOX AND EXTENSION	WO	LO	L1	W1	L **	W **	R	EDGE THICKNESS	EDGE TAPER	
No. 5(T)	1 3/4"	1'-0"	1'-11 1/2" +/-	2'-5 1/2" +/-	1'-7" +/-	1'-1" +/-	1"	2'-3" +/-	1'-4" +/-	0"	1/2"	NONE
No. 6(T)	2"	1'-0"	2'-6" +/-	2'-11 1/2" +/-	1'-11 1/2" +/-	1'-5" +/-	1"	2'-9" +/-	1'-8" +/-	0"	1/2"	NONE

* EXCLUDING CONDUIT WEB ** TOP DIMENSION

APPROVED BY

CITY ENGINEER

DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

TRAFFIC SIGNAL PULL BOX

STANDARD DRAWING NO.

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Sheet 1 of 1

MARK REVISIONS APPR. DATE