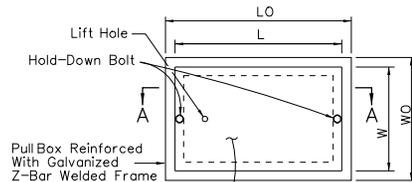
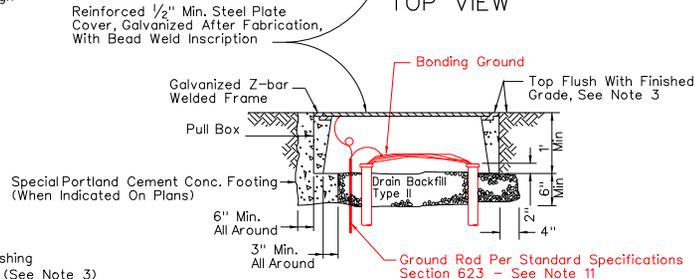


TOP VIEW

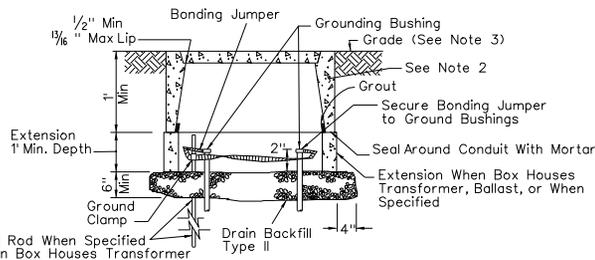


TOP VIEW



SECTION A-A

PULL BOX
No. 3 1/2, No. 5, No. 7 & No. 9



SECTION B-B

MODIFIED PULL BOX
No. 3 1/2, No. 5, No. 7 & No. 9

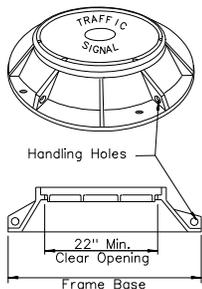
Pull Box	CONCRETE BOX		NON-PCC BOX		CONCRETE OR NON-PCC COVERS					
	Minimum Depth Box and Extension	LO	WO	Minimum ** Thickness	Minimum Depth Box and Extension	L**	W**	R	Edge Thickness	Edge Taper
No. 3/2	No Extension	20"	14"	3/8"	No Extension	15 3/8"	10 1/4"	1"	2"	1/8"
No. 5		22 1/4"	28"	18"	20"	23 1/4"	13 3/4"	1"	2"	1/8"
No. 6		24"	36"	23"	20"	30 3/4"	17 3/4"	1"	2"	1/8"

** Top dimension

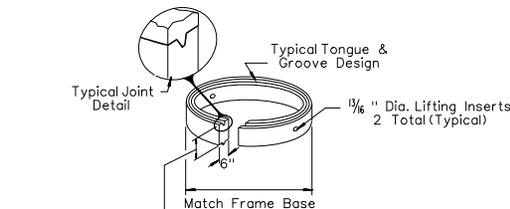
Pull Box	CONCRETE BOX			STEEL COVER		EXTENSION
	LO	WO	Height	L**	W**	
No. 3/2	19"±	12"±	12"±	14 1/2"±	8 3/4"±	None
No. 5	25"±	15"±	12"±	20 1/2"±	10 1/2"±	None
No. 7	35"±	22"±	12"±	30"±	17"±	None
No. 9	52"±	35"±	14"±	47 3/4"±	30"±	None

** Top Dimension

*** Top of Box



ELECTRICAL MANHOLE
FRAME & COVER



3/4", 6", 1", To Be Shown On Plans or Per Engineer

COLLAR RISER

NOTES FOR ELECTRICAL MANHOLE:

1. A COMPACTED BASE AND A CONCRETE FOOTING SUPPORT SHALL BE CONSTRUCTED PRIOR TO PLACEMENT OF THE CAST IRON FRAME AS DIRECTED BY THE ENGINEER.
2. ADJUSTMENTS TO ELEVATIONS SHALL BE MADE WITH COLLAR/RISERS AS REQUIRED. MINIMUM DEPTH 18".
3. REFER TO STANDARD PLAN R-4.7.3 FOR CONCRETE COLLAR DETAILS.

NOTES FOR PULL BOXES:

1. STEEL COVER SHALL HAVE EMBOSSED NON-SKID PATTERN.
2. STEEL REINFORCING SHALL BE PER MANUFACTURERS REQUIREMENTS.
3. 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 CONSTRUCTION, THE BOX SHALL BE PLACED WITH ITS TOP 1" 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 TOP OF SIDEWALK.
4. 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.
5. ALL COVERS AND BOXES SHALL BE INTERCHANGEABLE WITH NEVADA STANDARD 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" MINIMUM RADIUS.
6. PULL BOX SHALL NOT BE INSTALLED WITHIN THE BOUNDARIES OF NEW OR EXISTING CURB RAMPS.
7. PULL BOXES FOR ELECTROLIERS AND SIGNAL STANDARDS SHALL BE LOCATED AT THE SAME STATION (±5') AS THE ADJACENT ELECTROLIER 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.
8. IN AREAS WHERE THE POSSIBILITY OF MATERIAL ERODING FROM AROUND THE PULL BOX EXISTS, THE PULL BOX SHALL BE PLACED IN DRAIN BACKFILL TYPE II-(2' DEPTH ON EACH SIDE AND 1' DEPTH), AS DIRECTED BY THE ENGINEER.
9. USE MODIFIED PULL BOXES ONLY WHEN INDICATED ON THE PLANS.
10. INSTALL CONDUIT PLUG ON EACH UNUSED CONDUIT OR INNERDUCT.
11. ALL METAL PULL BOX LIDS SHALL BE GROUNDED. INSTALL A STRANDED #4 (GREEN, 7-STRAND) THW WIRE, 4 FEET IN LENGTH, FROM THE LID TO THE BONDING GROUND. FASTEN THE #4 CONDUCTOR TO THE LID BY CAD WELDING.
12. ALL CONDUITS SHALL HAVE A MINIMUM OF 6" CLEARANCE FROM THE TOP OF THE CONDUIT TO THE COVER. SEAL ALL CONDUIT ENDS WITH A DUCT SEALING COMPOUND.

NEVADA DEPARTMENT OF TRANSPORTATION

PULL BOXES/
ELECTRICAL MANHOLE
FRAME & COVER

Signed Original On File T-30.1.18 (623)
CHIEF SAFETY/TRAFFIC ENGR. ADOPTED 7/96 REVISION 5/09