

NOTES:

1. CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 337.10 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 302, 304 & 308 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. USE STRUCTURAL BACKFILL FOR BASE BENEATH DROP INLET FLOOR AND BACKFILLING OF DROP INLET AND SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 95%.
3. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF SECTION 326 OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. REINFORCING STEEL TO HAVE A MINIMUM OF 2 INCH CLEARANCES.
4. FRAME SHALL BE NEENAH R-3294, R-3295 OR R-3067 SINGLE CURB UNIT WITH A TYPE L "VANE GRATE" FOR SINGLE FLOW AND CURB BOX, SOUTH BAY FOUNDRY VANE GRATE SBF 1947 OR APPROVED EQUAL, INSTALLED WITH PROPER FLOW DIRECTION OR A TYPE "DL" GRATE FOR DUAL FLOW.
5. TILT FRAME & GRATE AS REQUIRED TO ATTAIN 6" MIN. FLOW OPENING & INSTALL DURABLE SHIMS BETWEEN THE CURB BOX & FRAME AS REQUIRED TO MATCH CURB BOX TO TOP OF CURB AND FACE OF CURB.
6. IF NO SIDEWALK IS PRESENT, POUR 6" CONCRETE CURB STRUCTURE BEHIND GRATE AND TIE BEAM INTO BOX.
7. DROP INLET MAY BE A CAST-IN-PLACE CONCRETE UNIT WITH PRIOR APPROVAL FROM THE CITY OF ELKO.
8. DROP INLET SHALL BE TRAFFIC-RATED & LOCATED AT THE LOW POINTS OR PER APPROVED PLANS.
9. ALL STORM DRAIN INLETS SHALL HAVE A CAST IRON HOOD WITH THE FOLLOWING LANGUAGE STAMPED INTO THE HOOD "NO DUMPING! DRAINS TO WATERWAYS".
10. INFLOW PIPE INVERT ELEVATION SHALL BE ≥ 0.1 FEET ABOVE OUTFLOW PIPE INVERT ELEVATION.
11. FRAMES AND GRATES SHALL BE MATCHED TO ACHIEVE A CLOSE TOLERANCE FIT, WITH MINIMAL GAPS, AS APPROVED BY THE CITY OF ELKO.
12. STORM DRAIN PIPE ENTERING OR EXITING DROP INLET SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR REINFORCED CONCRETE PIPE (RCP). USE OF ANY OTHER PIPE WILL REQUIRE PRE-APPROVAL FROM THE CITY OF ELKO. PIPE'S MINIMUM AND MAXIMUM COVER SHALL BE AS PER MANUFACTURER'S RECOMMENDATION.

NO.	REVISION	DATE	STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTE 9	3/2012	TYPE 4R DROP INLET	DRAINAGE
			NOTES	DRAWING NO.
			CITY OF ELKO, NEVADA	DATE
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