



1. FIRE HYDRANTS SHALL BE MUELLER SUPER CENTURION 350, WATEROUS 5 1/4 INCH PACER (WB67-250) OR AVK SERIES 27 NOSTALGIC. ALL HYDRANTS SHALL HAVE HARRINGTON HIHS 5 INCH INTEGRAL HYDRANT STORZ, OR APPROVED EQUAL, WITH BLIND CAP & CABLE AND "OUT OF SERVICE" INDICATOR. OPERATING NUT SHALL BE 1-1/2 INCH PENTAGON. VALVE OPENING SHALL BE 5-1/4 INCHES AND OPEN COUNTER-CLOCKWISE. HYDRANTS SHALL HAVE (2) 2-1/2 INCH HOSE NOZZLES WITH AMERICAN NATIONAL HOSE COUPLING THREADS, (NO SUBSTITUTIONS).

2. HYDRANT SHALL BE INSTALLED TO PROVIDE CLEARANCE AND A CONCRETE ACCESS PAD IN ALL DIRECTIONS PER DRAWING C-3.1.7.1.

3. SEE DETAIL C-3.1.7.1 FOR HYDRANT SETBACK DISTANCE.

4. RESTRAINING GLANDS SHALL BE ROMAC CIRPRING PIPE RESTRAINER FOR MECHANICAL JOINT VALVES, ROMAC RESTRAINED FCA FOR FLANGED VALVES, OR APPROVED EQUAL. PIPE RESTRAINT SHALL BE ROMAC "600" SERIES RESTRAINING SYSTEM OR APPROVED EQUAL. RESTRAINING DEVICES SHALL BE FULL CIRCLE (NON POINT) LOADING TYPE. HYDRANT SHOE MAY BE AQUAGRIP, RESTRAINED MECHANICAL JOINT OR APPROVED EQUAL.

5. THRUST BLOCKS SHALL HAVE THREE (3) SQUARE FEET MINIMUM AREA, SHALL BE FORMED AGAINST UNDISTURBED NATIVE SOIL, AND CONFORM TO DRAWING C-3.1.14. NO CONCRETE ON HYDRANT DRAIN HOLES OR BOLTS.

6. INSPECTION BY THE CITY INSPECTOR SHALL BE REQUIRED PRIOR TO BACKFILLING.

7. HYDRANTS SHALL BE PAINTED INTERNATIONAL ORANGE (RUST-OLEUM 7400 HIGH GLOSS ALKYD ENAMEL OR APPROVED EQUAL). DO NOT PAINT 5 INCH STORZ, CAP OR CABLE. RECLAIMED WATER HYDRANTS SHALL BE PAINTED PURPLE. INSTALL "OUT OF SERVICE" INDICATOR COLLAR ON 2-1/2 INCH NOZZLE. INDICATOR SHALL BE HIGHLY VISIBLE, YELLOW WITH BLACK LETTERS, 2-1/2 INCH MINIMUM WIDTH WITH 1 INCH LETTERS STATING "OUT OF SERVICE". INDICATOR SHALL BE "CALPICO" OR EQUAL AS APPROVED BY THE CITY ENGINEER OR THEIR DESIGNEE. INDICATOR SHALL REMAIN IN PLACE UNTIL THE HYDRANT IS IN SERVICE AND REMOVAL OF THE INDICATOR IS AUTHORIZED BY THE CITY INSPECTOR.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	SWK CROSS	3/22	FIRE HYDRANT ASSEMBLY	CARSON CITY
	SLOPE,NOTE 3			DRAWING NO.
2	NOTE 1&7	10/25		C-3.1.7
APPROVED BY:	DA	10/25		DATE
				OCT 2025