



**NOTES:**

1. REFER TO STD. PLAN 511-S FOR LEGEND ITEMS, APPROVED PARTS LIST, AND DETAIL NOTES.

 PARK CITY MUNICIPAL CORPORATION <b>WATER</b>	DATE	<b>FIRE HYDRANT</b>	STD. PLAN
	03/2024		<b>511</b>
	REV.		
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## LEGEND AND APPROVED PARTS LIST

ITEM	DESCRIPTION	ACCEPTABLE MANUFACTURER	MODELS
①	FIRE HYDRANT, DRY BARREL, AWWA C502	MUELLER	SUPER CENTURION 250 3-WAY A-423, 5-1/4 PUMPER NOZZLE, NATIONAL STD. OPERATING NUT (OPENS LEFT) OR EQUAL IF UNAVAILABLE
②	BURIED VALVE AND VALVE BOX (STD. PLAN 570), 6" GATE VALVE, NRS, FLG X MJ, 2" SQ. OPERATING NUT, AWWA C509	MUELLER	SERIES 2360, SST BONNET BOLTS OR EQUAL
③	6" DUCTILE IRON FLANGE TEE (OR TAPPING SEE DETAIL 542), AWWA C110		
④	HYDRANT SERVICE LINE, 6" DIAMETER C900 PVC, DR14, RESTRAINED JOINTS (STD PLAN 540)		
⑤	MECHANICAL JOINT RESTRAINT OR SST TIE ROD / NUT RESTRAINTS	EBBA IRON	MEGALUG SERIES 1100, STD T-BOLTS AND NUTS
⑥	HYDRANT MARKER, HEAVY DUTY FIBERGLASS WITH RED FLAG, TOP MOUNT, 5' LENGTH (STD.), 6' LENGTH (ABOVE 7300' ELEVATION)	POLLARD	REFLECTIVE HYDRANT MARKER MODEL P69161 (STD.) AND P69170 (ABOVE 7300') WITH FLAG MODEL P691801, OR APPROVED EQUAL
⑦	POLYETHYLENE ENCASEMENT, V-BIO ENHANCED POLYETHYLENE ENCASEMENT FILM, AWWA C105 & AWWA C703E METHOD A & C	US PIPE	AWWA C703E METHOD A (4 MIL) AT PIPE AND AWWA C703E METHOD C (10 MIL) AT BOLT-TYPE JOINTS, FITTINGS AND VALVES

### DETAIL NOTES

- LOCATE HYDRANT AS SHOWN ON THE APPROVED PLANS
- SET HYDRANT PLUMB WITH PUMPER NOZZLE FACING STREET
- ADJUST TO GRADE WITH MAXIMUM OF ONE (1) HYDRANT BARREL EXTENSION (AWWA C502)
- PROVIDE 316 STAINLESS STEEL BOLTS FOR ANY FLANGES THAT ARE BELOW GRADE INCLUDING BOLTS FOR HYDRANT RISERS. 304 STAINLESS STEEL BOLTS ARE ACCEPTABLE FOR EXPOSED/ABOVE GRADE FLANGES.
- RECOAT DAMAGED OR MARRED HYDRANT COATING AFTER INSTALLATION (UV RESISTANT, HIGH GLOSS, POLYURETHANE ENAMEL COATING, FIRE HYDRANT RED)
- REFER TO SPECIFICATIONS FOR FLUSHING, HYDROSTATIC TESTING, AND DISINFECTING REQUIREMENTS
- APPLY WAX TAPE COATING SYSTEM TO VALVE BONNET BOLTS AND ALL OTHER BURIED BOLTS, NUTS, CONNECTORS, AND COUPLINGS, AWWA C 217. (STD PLAN 534)
- CATHODICALLY PROTECT PIPE AND OR FITTINGS, WHEN EXISTING SOIL CONDITIONS REQUIRE PER SOILS ANALYSIS (STD. PLAN 534)
- HYDRANT DRAINS SHALL NOT BE CONNECTED TO, OR LOCATED WITHIN, 10 FEET OF SANITARY SEWERS. WHERE POSSIBLE, HYDRANT DRAINS SHALL NOT BE LOCATED WITHIN 10 FEET OF STORM DRAINS.



PARK CITY MUNICIPAL CORPORATION  
**WATER**

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**FIRE HYDRANT**

**STD. PLAN**

**511 S**