

HYDRANT GENERAL CONSTRUCTION NOTES

- FIRE HYDRANT: HYDRANT SHALL BE AWWA C502, DRY BARRELL, DRY BONNET, THREE-WAY HYDRANT WITH 3' 6" MINIMUM. BURY, 4 1/2" MIN. MAIN VALVE OPENING, 4 1/2" PUMPER NOZZLE, TWO EACH 2-1/2" HOZE NOZZLES, REPLACEABLE BRONZE NOZZLES WITH NATIONAL STANDARD THREADS, BREAK-AWAY TRAFFIC FEATURE, AND BRONZE ON BRONZE SEAT RINGS. HYDRANT SHALL HAVE PENTAGON SHAPED (5 SIDED) OPERATING NUT AND SHALL OPEN TURNING LEFT (COUNTER-CLOCKWISE.)
- MANUFACTURERS: AMERICAN DARLING MK-73-1
 MUELLER CENTURION A421
 KENNEDY GUARDIAN
 WATEROUS TREND 100
- PAINT: CHAINS SHALL BE REMOVED, AND HYDRANT SHALL BE PAINTED WITH RUSTOLEUM #064 FEDERAL SAFETY RED. NOZZLE CAPS AND BONNET SHALL ALSO RECEIVE A COAT OF ALERT SERIES 1440 SILVER WHITE AS MANUFACTURED BY FERRO, INC. OR APPROVED EQUAL.
- OIL/GREASE: HYDRANT SHALL BE OILED OR GREASED AS RECOMMENDED BY MANUFACTURER AFTER INSTALLATION.
- RESTRAINT: ALL INSTALLATIONS SHALL HAVE CLASS A CONCRETE BLOCKING PLACED BEHIND BOTH TEE AND HYDRANT. EN LIEU OF THREADED BRIDLE RODS, APPROVED GRIP RING OR LOCKING FLANGE CONNECTIONS MAY BE USED. BOTH GRIP RINGS AND LOCKING FLANGES SHALL BE U.L. LISTED AND F.M. APPROVED WITH A RATED WORKING PRESSURE OF NOT LESS THAN 350 PSI WITH A MIN. SAFETY FACTOR OF 2:1. LOCKING FLANGE CONNECTIONS SHALL ONLY BE PERMITTED WHERE PROPER PLACEMENT AND GRADE ADJUSTMENT CAN BE PROVIDED.



HYDRANT INSTALLATION (SHEET 2 OF 2)

DATE: NOVEMBER 2019	STANDARD #: 5.2
APPROVED:	SHEET # 2 OF 2
	REVISION: