



**SECTION A-A**  
NOT TO SCALE

**NOTES**

- (A) FIRE HYDRANT HEAD: JONES, OR APPROVED EQUAL WITH 1 - 4" AND 2 - 2 1/2" OUTLETS, BREAK-OFF BOLTS AND 6 HOLE PATTERN.
- (B) FLANGE x FLANGE BURY SPOOL MAY BE ADDED TO MEET REQUIRED GRADE. UPPERMOST RISER SPOOL SHALL BE FLANGE x FLANGE 6-HOLE PATTERN, 6" LONG, BREAK-OFF TYPE, DAYTON OR APPROVED EQUAL, WITH GROVE ABOVE CONCRETE PAD.
- (C) 6" DUCTILE IRON BURY, MJ x FLG 1/4" MORTAR LINED, 6-HOLE PATTERN, DAYTON OR APPROVED EQUAL.
- (D) 36" MIN COVER.
- (E) 6" DUCTILE IRON PIPE, U.S. PIPE OR APPROVED EQUAL.
- (F) 6" FLANGED x MJ GATE VALVE, MUELLER OR APPROVED EQUAL, PER SMW-4 (CITY OF SANTA MONICA)
- (G) D.I. TEE 6" FLG BRANCH x MJ x MJ.
- (H) VALVE LID AND RISER PER SMW-8 (CITY OF SANTA MONICA).
- (I) MECHANICAL JOINT RESTRAINED GLAND MEGALUG OR APPROVED EQUAL.

**GENERAL NOTES**

- (1) LOCATION SHALL BE PER APPROVED PLANS OR AS DIRECTED PER CITY ENGINEER.
- (2) WHERE NO P.C.C. OR ACC BASE EXISTS, A P.C.C. 2'x2'x4" THICK PAD SHALL BE POURED AROUND FIRE HYDRANT SPOOL. SPOOL IS TO BE PROTECTED WITH 8 MIL POLYETHYLENE SHEETING AND TAPE.
- (3) ALL D.I.P. WATER LINES AND FITTINGS SHALL BE 6" CEMENT LINED DOUBLE THICKNESS, PRESSURE CLASS 350 AND COMPLY WITH ANSI A21.51 (AWWA C 151).
- (4) ALL FIRE HYDRANT FLANGE BOLTS SHALL BE ZINC PLATED WITH UPPER HYDRANT ATTACH SET BEING BREAK-OFF TYPE, FACING NUT UP, AND ALL LOWER SPOOL AND BURY FLANGE BOLTS BEING NON-BREAK-OFF TYPE.
- (5) CONCRETE THRUST BLOCKS PER SMW-6 (CITY OF SANTA MONICA).
- (6) CLEARANCE AROUND FIRE HYDRANT SHALL BE 3-FEET.



DATE REVISED

04-03-2020

**CITY OF MANHATTAN BEACH  
DEPARTMENT OF PUBLIC WORKS**

**FIRE HYDRANT CONNECTION**

APPROVED BY

PREM KUMAR, CITY ENGINEER

4/13/20

DATE

STANDARD PLAN NUMBER

**MBWS-701A-0(ST-16)**

SHEET 1 OF 1