

NO 12 AWG COPPER  
WIRE FINDER -  
EXTEND TRACE WIRE  
12" ABOVE GRADE  
& WRAP AROUND  
HYDRANT

TWO 2 1/2" HOSE  
CONNECTION W/THREADS

SEE NOTE 3

MIN 20" - MAX 24"

FLANGE ELEV.  
2" MIN to 6" MAX

SEE VALVE BOX AND  
ASSEMBLY DETAIL #4-2

SURFACE

TO SUIT  
TRENCH  
DEPTH

STABLE LEVEL GROUND

3' MINIMUM

1" TAP FOR  
SAMPLING  
CHLORINATION

SEE  
NOTE 6  
18"

6" FLANGED FIRE  
HYDRANT TEE

THRUST  
BLOCK

6" CLASS 350 DUCTILE IRON  
PIPE CUT TO LENGTH; IF OVER  
100' IN LENGTH, 8" PIPE REQUIRED

6" GATE VALVE, FL X MJ

NO SERVICE CONNECTION ALLOWED

4"x8"x16" CONCRETE BLOCK

PLASTIC BARRIER BETWEEN  
THRUST BLOCK & TEE

HYDRANT SHOE

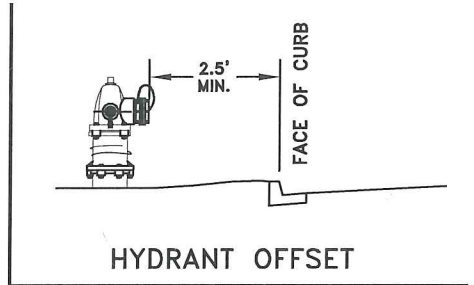
BACKFILL TO TOP OF DRAIN RING HOUSING  
BOLTS WITH 3 CUBIC FEET OF WASHED ROCK

CONCRETE THRUST BLOCK  
CAST-IN-PLACE AGAINST  
FITTING ONLY

NOTES:

6' x 6' SHEET OF 11 MIL. PLASTIC OR  
CONSTRUCTION FABRIC, COVERING 2" WASHED ROCK

1. FIRE HYDRANT SHALL BE WATEROUS PACER W/ 16" UPPER STANDPIPE, UNLESS OTHERWISE APPROVED BY CITY ENGINEERS.
2. NO SERVICE CONNECTION ALLOWED ON HYDRANT BRANCH PIPE.
3. HARRINGTON STORZ ADAPTER (4 1/2" NH x 5" STORZ) AND BLIND CAP (5" STORZ) W/ AIRCRAFT CABLE AT THE 4 1/2" PUMPER NOZZLE.
4. FIRE HYDRANT SHALL BE SPACED AT A MAX. OF 500 FEET IN RESIDENTIAL AREAS AND 300 FEET IN COMMERCIAL AREAS.
5. A MINIMUM 3 FOOT RADIUS OF UNOBSTRUCTED STABLE LEVEL WORKING AREA SHALL BE PROVIDED AROUND ALL HYDRANTS AND NOT WITHIN HIGH WATER AREA.
6. GRIP PACKS OR ALL THREAD REQUIRED WITH THRUST BLOCK.



CITY OF LEWISTON, IDAHO  
PUBLIC WORKS DEPARTMENT

FIRE HYDRANT  
W/ SHUT-OFF VALVE

APPROVED FOR PUBLICATION

*Luke Antonich* 1/10/24  
City Engineer Date

DWG. NO.

4-12