DEEP FIRE HYDRANT INSTALLATION MUST HAVE PRIOR LVVWD APPROVAL BEFORE USING WITHIN PROJECT DETAILS.

DESIGNER NOTE:

FIRE HYDRANT (SEE NOTE 5)

#4 REBAR, CONTINUOUS

2" MINIMUM 6" MAXIMUM

A SUITABLE SAFETY OR BREAKING FLANGE SHALL BE PROVIDED

CURB, GUTTER, AND SIDEWALK

FIRE HYDRANT BARREL (SEE NOTE 2)

12" LONG FLG VERTICAL HYDRANT SHOE

CLEAN 1/2"-2" GRAVEL FOR DRAIN ROCK

DO NOT COVER AUTOMATIC DRAIN VALVE (WEEP HOLES) WITH CONCRETE OR POLY WRAP

THREADED FLANGED DUCTILE IRON RISER ONLY (LENGTH AS REQUIRED)

POLY WRAP PIPING AND 90° BEND BELOW HYDRANT SHOE (SEE NOTE 4)

90° RESTRAINED BEND AND CONCRETE THRUST BLOCK

UNDISTURBED EARTH

FOR CONTINUATION, SEE XXXX (PL15-1)

6" PVC OR DI PIPE TO FIRE HYDRANT GATE VALVE (SEE NOTE 1).

NOTES:

1. INSTALL 45° BENDS IN LATERAL AS REQUIRED IN RIGHT-OF-WAY TO ACHIEVE FIRE HYDRANT LATERAL DEPTH REQUIREMENTS. VERTICAL ADJUSTMENT BENDS ARE NOT TO BE INSTALLED UNDER CURB, GUTTER OR SIDEWALK AREAS.

2. NO FIRE HYDRANT BARREL SHALL BE LONGER THAN 5'-0".

3. WHEN FIRE HYDRANT LATERAL IS DEEPER THAN 5'-0" INSTALL VERTICAL HYDRANT SHOE AND FLG DUCTILE IRON RISER.

4. DUCTILE IRON PIPE AND FITTINGS TO BE ENCASED WITH TWO (2) LAYERS EIGHT MILS THICK POLYETHYLENE FILM. DO NOT ENCASE FIRE HYDRANT BARREL OR SHOE.

5. ADDITIONAL FIRE HYDRANT INSTALLATION REQUIREMENTS, SEE XXXX (PL15-1)

DEEP FIRE HYDRANT INSTALLATION
NOT TO SCALE

PL15-1A 110210