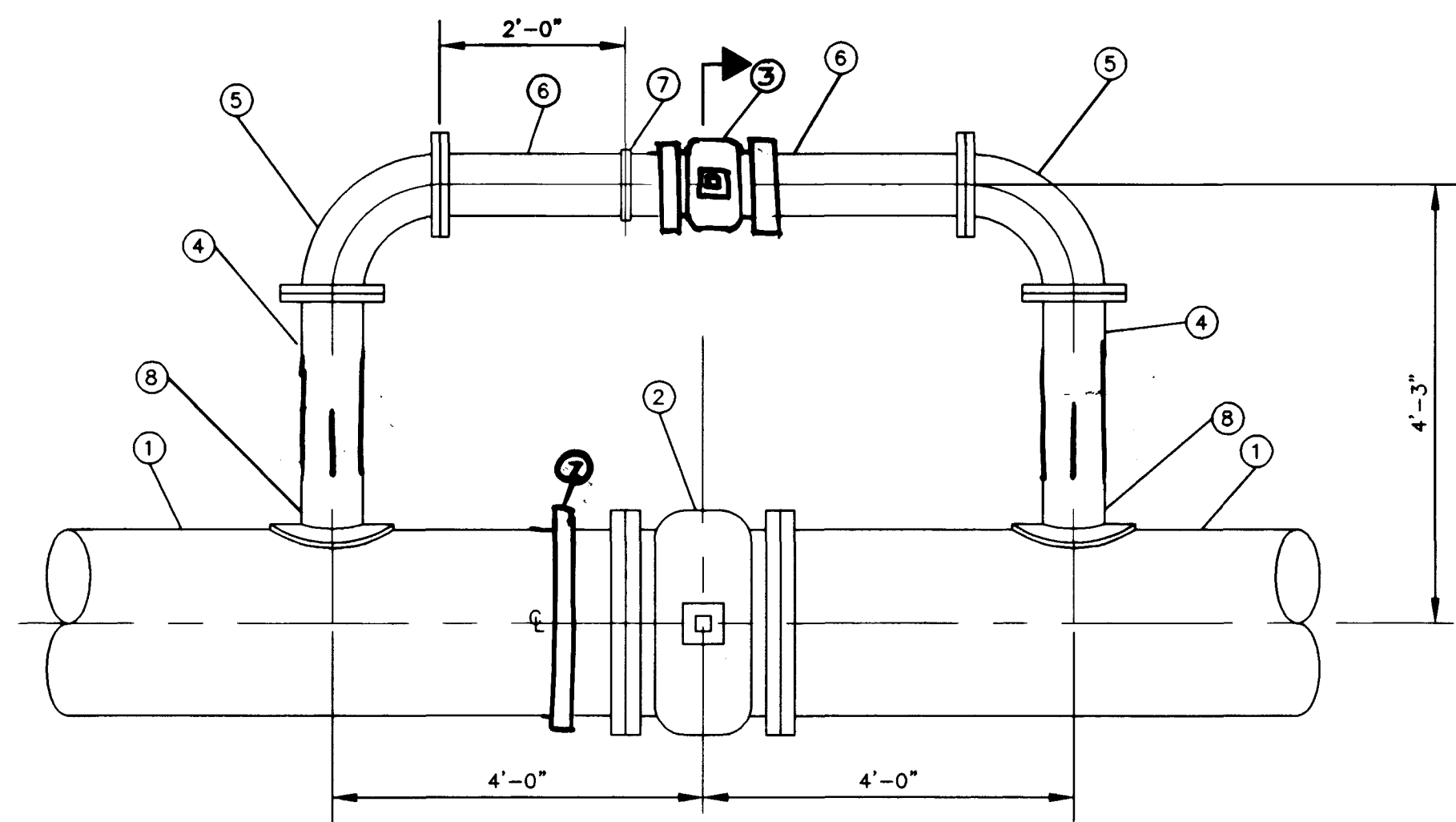
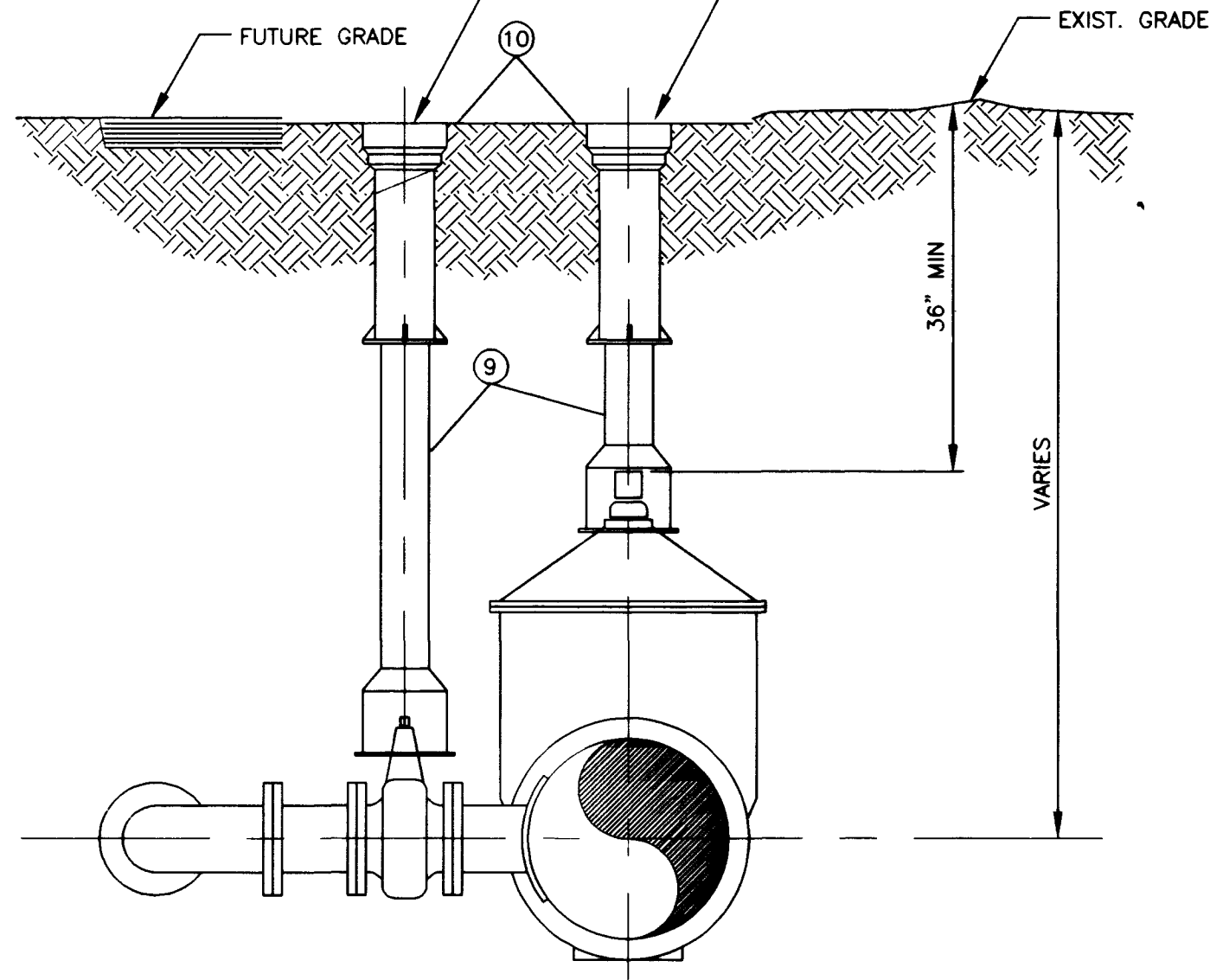




PLAN

AMERICAN FLOW CONTROL
SERIES 2500
FOR 24" AND 6" VALVES



SECTION A

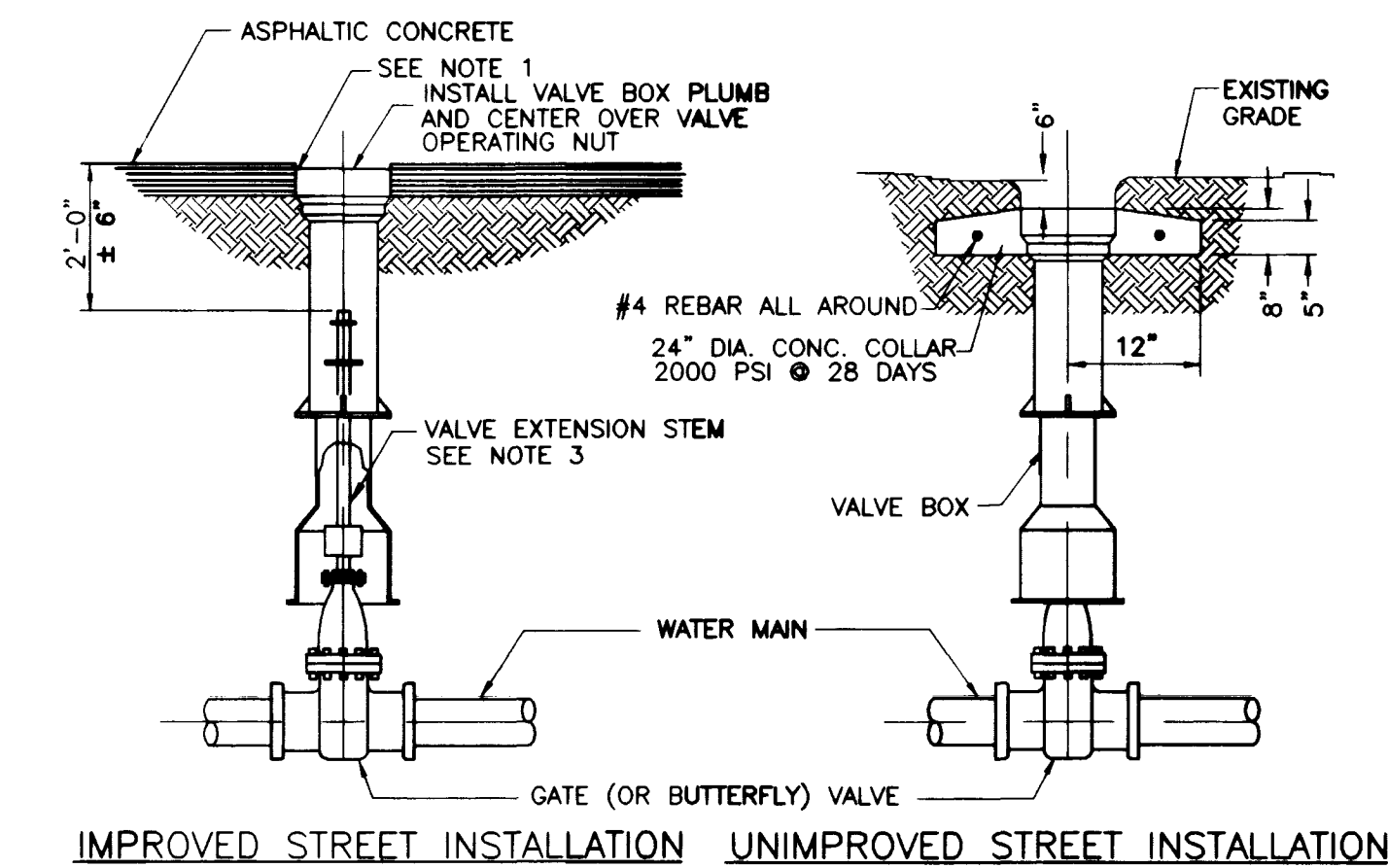
COMPONENT DESCRIPTIONS

1	MAIN WATER LINE - 24" PRESSURE CLASS 200
2	GATE VALVE (24") FL x FL W/VALVE BOX, SEE DETAIL 2 DWG C10
3	6" GATE VALVE (TO BE LEFT IN CLOSED POSITION) FL x FL W/VALVE BOX, SEE DETAIL 2 DWG C10
4	6" FL x FL CLASS 50 DIP
5	6" - 90° BEND FL x FL
6	6" FL x PE CLASS 50 DIP FL x PE
7	SLEEVE COUPLING WITH HARNESS SYSTEM
8	6" PIPE FLANGED OUTLET (FLANGED TEE FOR DIP)
9	VALVE BOX, SEE DETAIL 12 DWG C12
10	CONCRETE COLLAR, SEE DETAIL 2 DWG C10 (CONCRETE COLLAR DELETED, IN SECTION, FOR CLARITY)

IN-LINE BURIED GATE VALVE WITH BY-PASS

NOT TO SCALE

6
C10



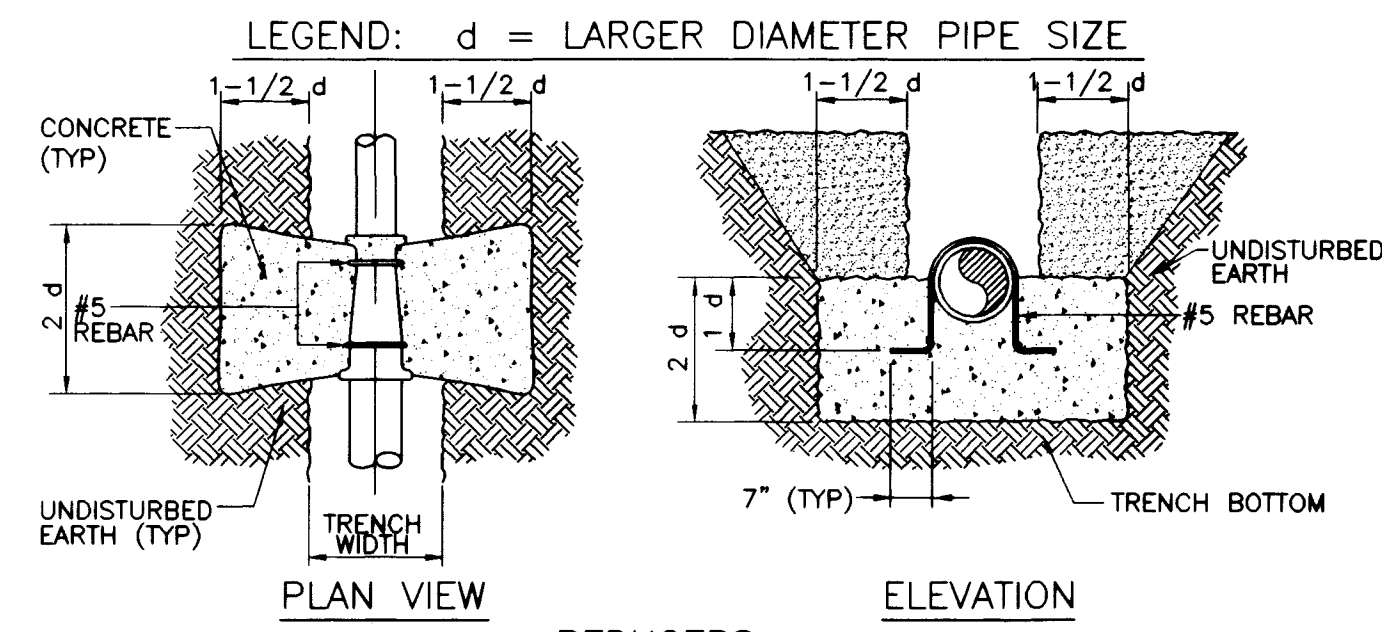
VALVE BOX ADJUSTMENT

VALVE BOX INSTALLATION AND ADJUSTMENT

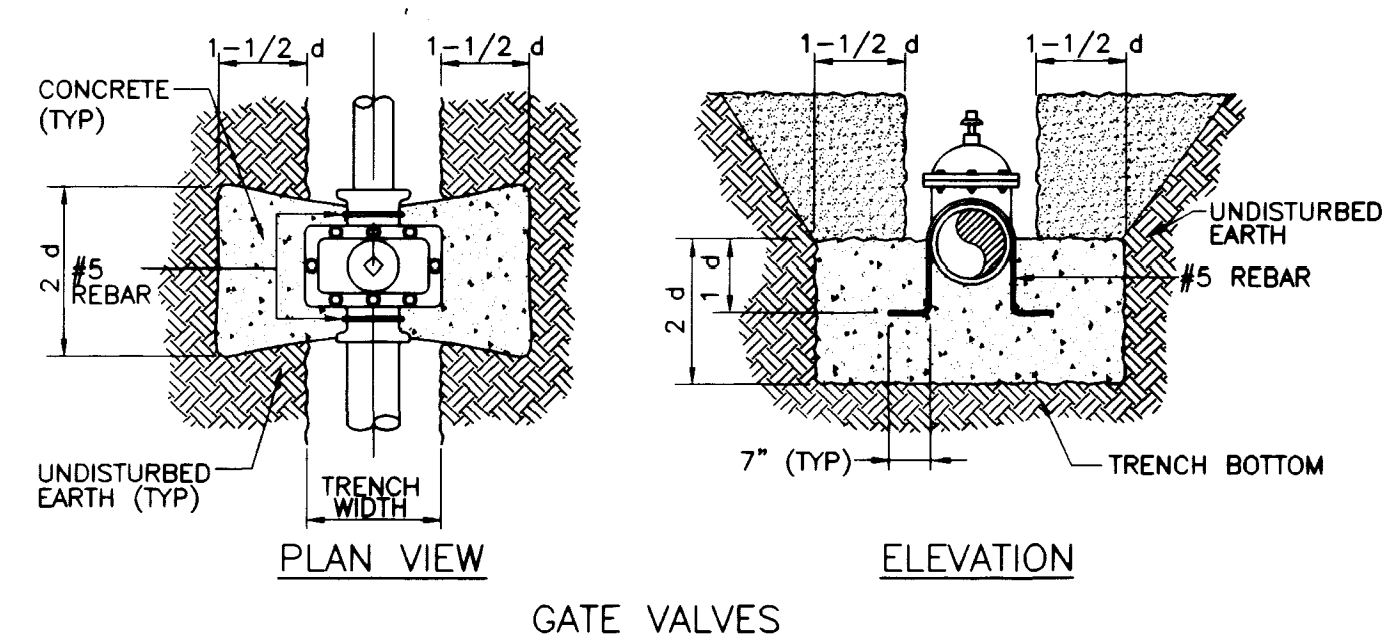
NOT TO SCALE

PL10-8 102698

2
C10



LEGEND: d = NOMINAL PIPE SIZE



NOTES

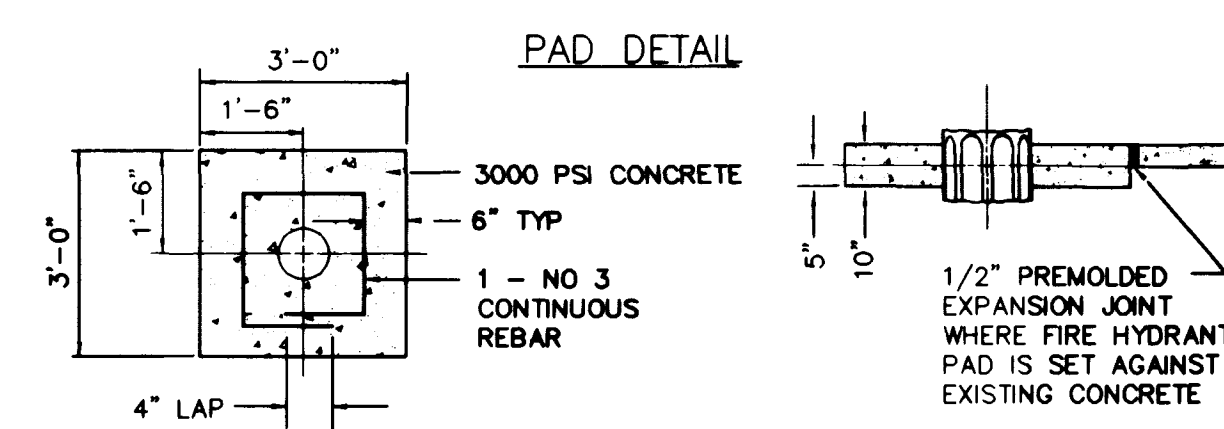
- 1 ALL CONCRETE SHALL BE 3000 PSI MINIMUM 28 DAYS COMPRESSIVE STRENGTH
- 2 ALL VALVES AND EXPOSED REBAR TO BE COATED AND WRAPPED IN ACCORDANCE WITH DIVISION 15 OF THE LVWD SPECS, PROTECTIVE COATINGS.

ANCHOR BLOCK DETAILS FOR IN-LINE REDUCERS AND GATE VALVES

NOT TO SCALE

PL11-2 102698

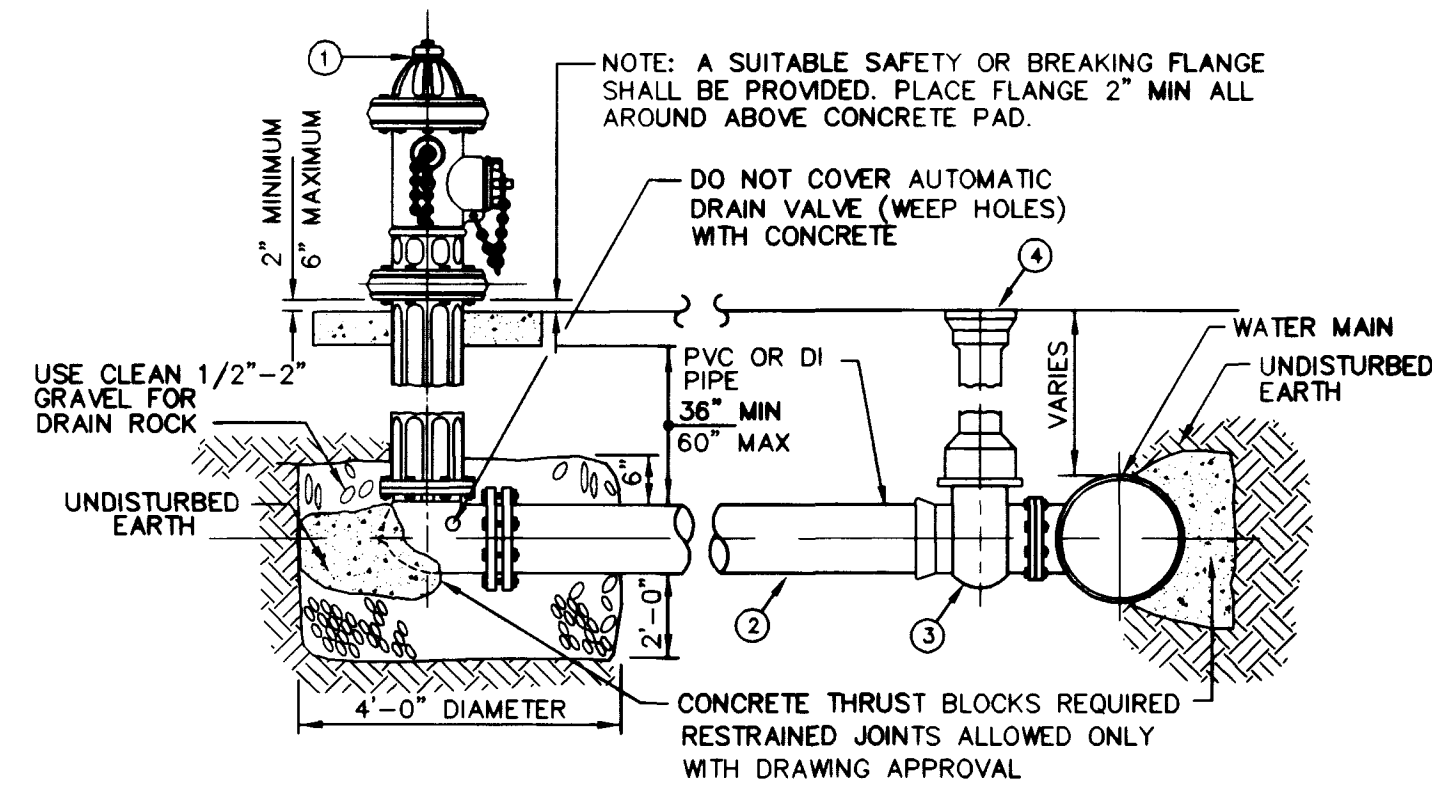
3
C10



NOTE

SEE DETAIL X FOR LOCATION OF FIRE HYDRANTS, AND FIRE HYDRANT PADS.

HYDRANT ASSEMBLY DETAIL



FIRE HYDRANT INSTALLATION

NOT TO SCALE

PL15-1 022797

5
C10

LEGEND

- 1 FIRE HYDRANT
- 2 6" DIAMETER LATERAL
- 3 6" RESILIENT SEATED GATE VALVE FLANGED x PUSH ON, OR FLANGED x RING TITE, OR FLANGED x MECHANICAL JOINT.
- 4 VALVE BOX INSTALLATION AND ADJUSTMENT (SEE UDS PLATE NO. UDS08).

NOTES

1. NO HYDRANT SHALL BE LOCATED WITHIN 25 FEET OF ANY STRUCTURE OR 6 FEET OF A DRIVEWAY, POWER POLE, LIGHT STANDARD, OR ANY OTHER OBSTRUCTION. FOR WALLS, FENCE, AND PLANTER LOCATIONS, A PERIMETER AROUND THE HYDRANT MEASURING A MINIMUM OF 3 FEET FROM ITS CENTER SHALL BE MAINTAINED CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. HYDRANTS MUST BE LOCATED A MINIMUM OF 6 FEET AWAY FROM THE BEGINNING OF TURNING RADIUS.
2. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS", "HYDRANT INSTALLATION SPECIFICATIONS" AND ORDINANCE NO. 3318. CLARK COUNTY ORDINANCE NO. 1167, NFPA NO. 24 LATEST EDITION AND THE UNIFORM FIRE CODE LATEST EDITION.
3. 6" DIAMETER FIRE HYDRANT LATERAL SHALL BE SAME CLASS AND TYPE OF MATERIAL AS THE DISTRIBUTION MAIN.
4. DUCTILE IRON PIPE TO BE ENCASED WITH EIGHT MILS THICK POLYETHYLENE FILM.

FOR CONDITIONS SEE SHEET 2 OF 2 (UDS PLATE NO. UDS07-2)

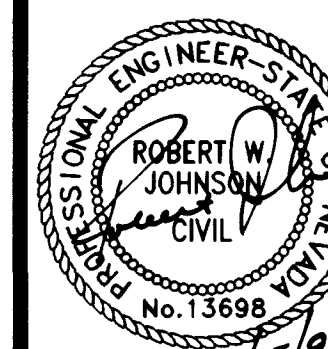
LAS VEGAS VALLEY WATER DISTRICT

DATE

24" WATER MAIN PLAN AND PROFILE

EAGLE CREEK II
WATER DETAILS

DRAWN BY: RCH	DESIGNED BY: RCH	CHECKED BY: RUT	PROJECT NO: 98118910	SCALE: N/A	WORK VERT: N/A
------------------	---------------------	--------------------	-------------------------	---------------	-------------------



SHEET
C10
10 OF 10 SHEETS
DRAWING NO.
56717-464

L:\981189\DESIGN\8189W10.DWG

