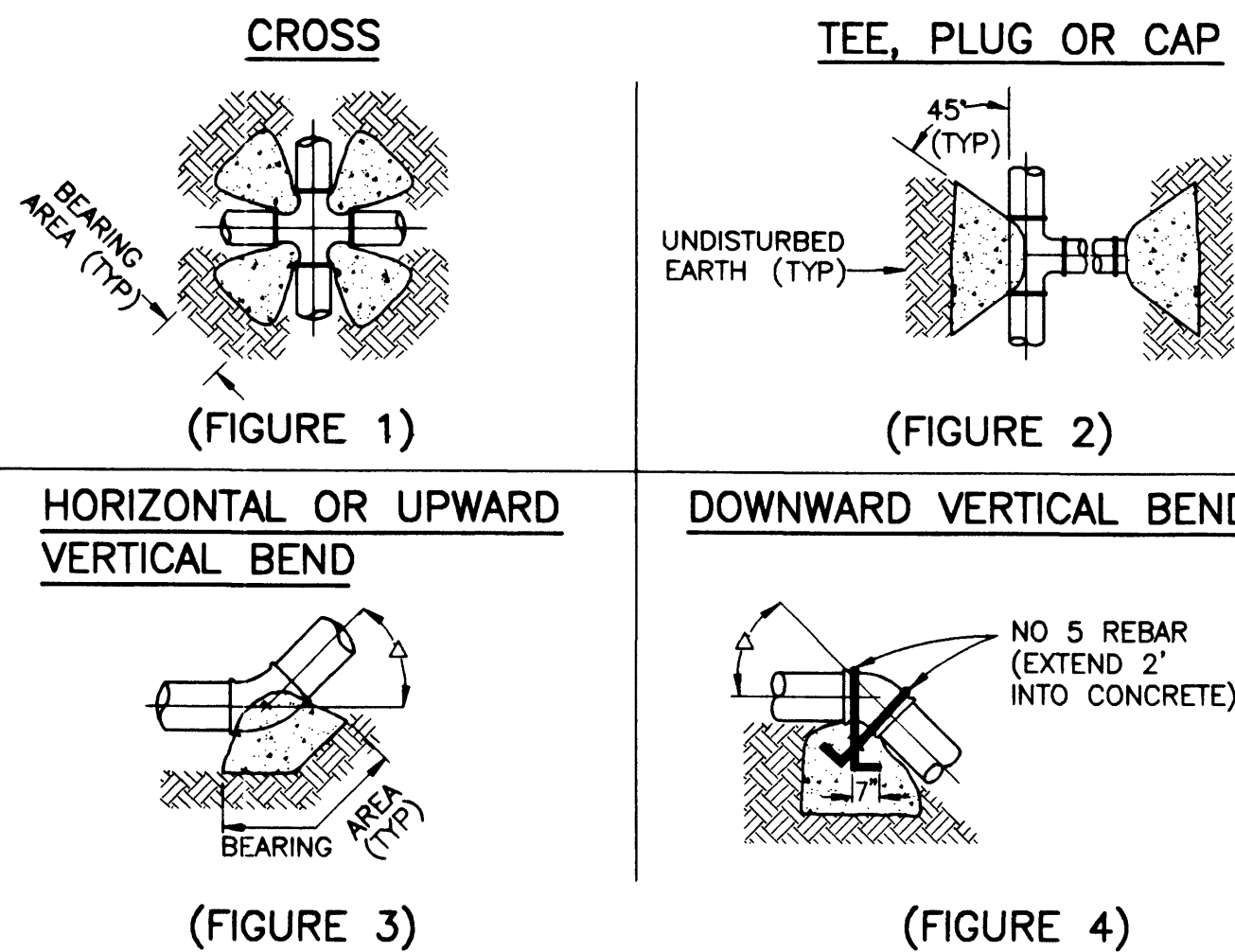




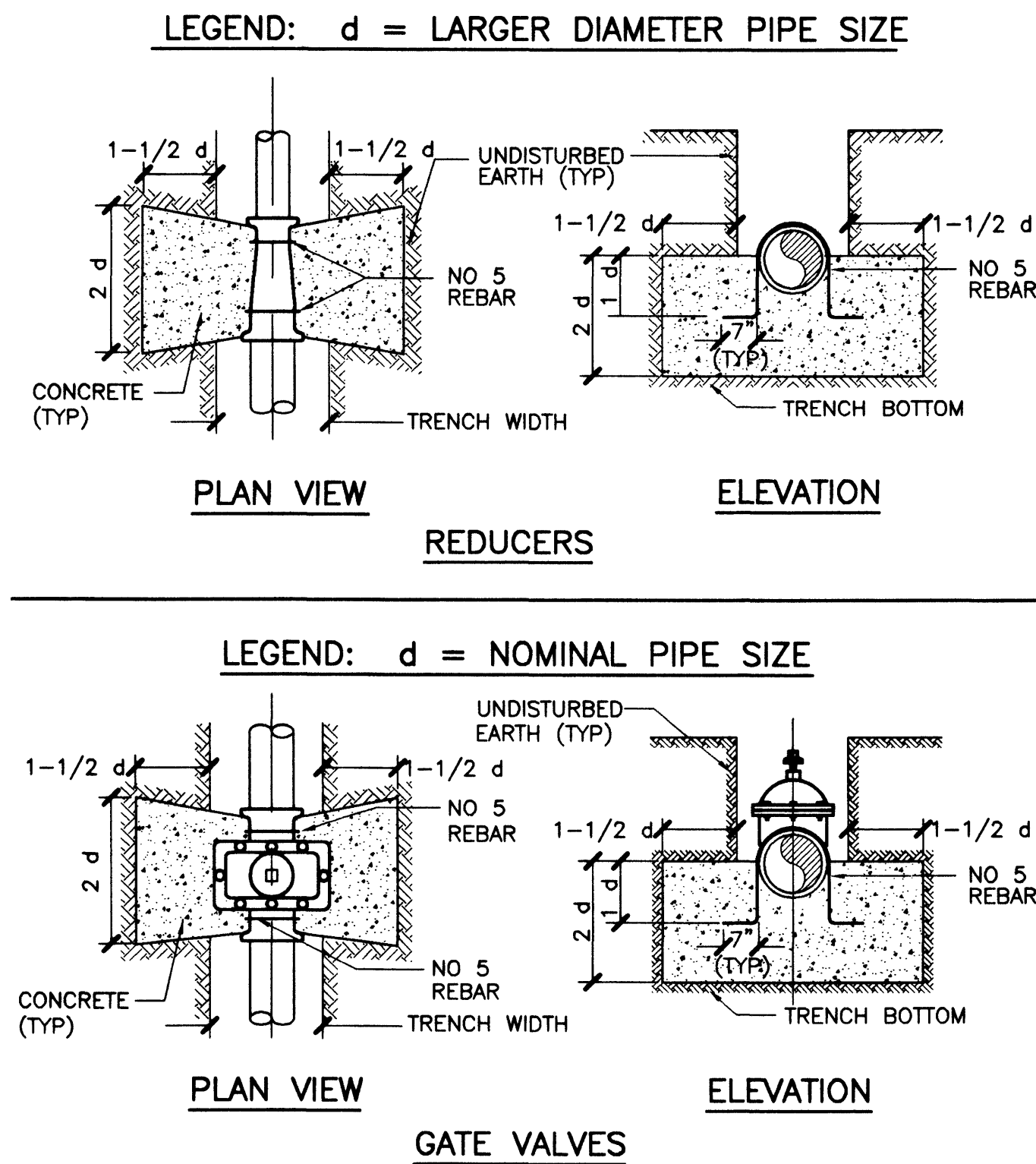
GENERAL NOTES

COAT AND WRAP ALL METAL SURFACES IN ACCORDANCE WITH UDACS SECTION 3, PROTECTIVE COATINGS. ALL CONCRETE SHALL BE 2000 PSI MINIMUM, 28 DAYS COMPRESSIVE STRENGTH. CONCRETE IS TO BE PLACED IN UNDISTURBED EARTH. SPECIAL DESIGN CALCULATIONS BY A NEVADA REGISTERED PROFESSIONAL ENGINEER WILL BE SUBMITTED TO LVVWD FOR APPROVAL. ALL VERTICAL SURFACES NOT BEARING AGAINST UNDISTURBED EARTH SHALL BE FORMED.

THRUST BLOCK INSTALLATION

NOT TO SCALE

1



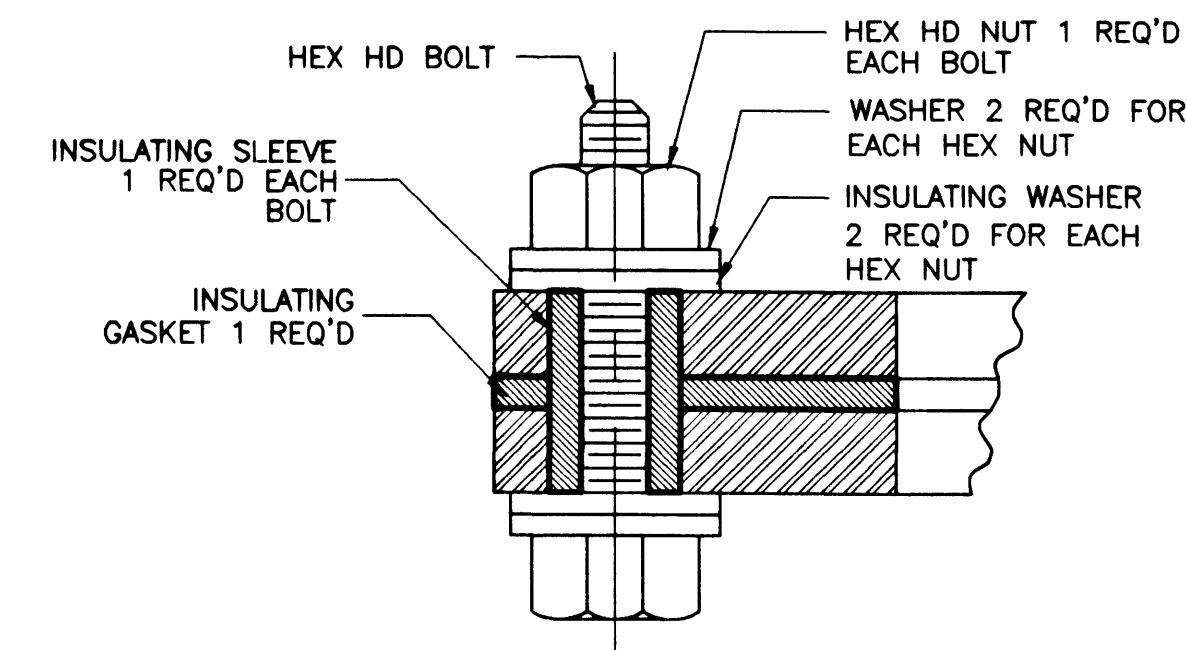
NOTES

- ALL CONCRETE SHALL BE 3000 PSI MINIMUM 28 DAYS COMPRESSIVE STRENGTH
- ALL VALVES AND EXPOSED REBAR TO BE COATED AND WRAPPED IN ACCORDANCE WITH UDACS SECTION 3, PROTECTIVE COATINGS.

ANCHOR BLOCK DETAILS FOR IN-LINE REDUCERS OR GATE VALVES

NOT TO SCALE

2



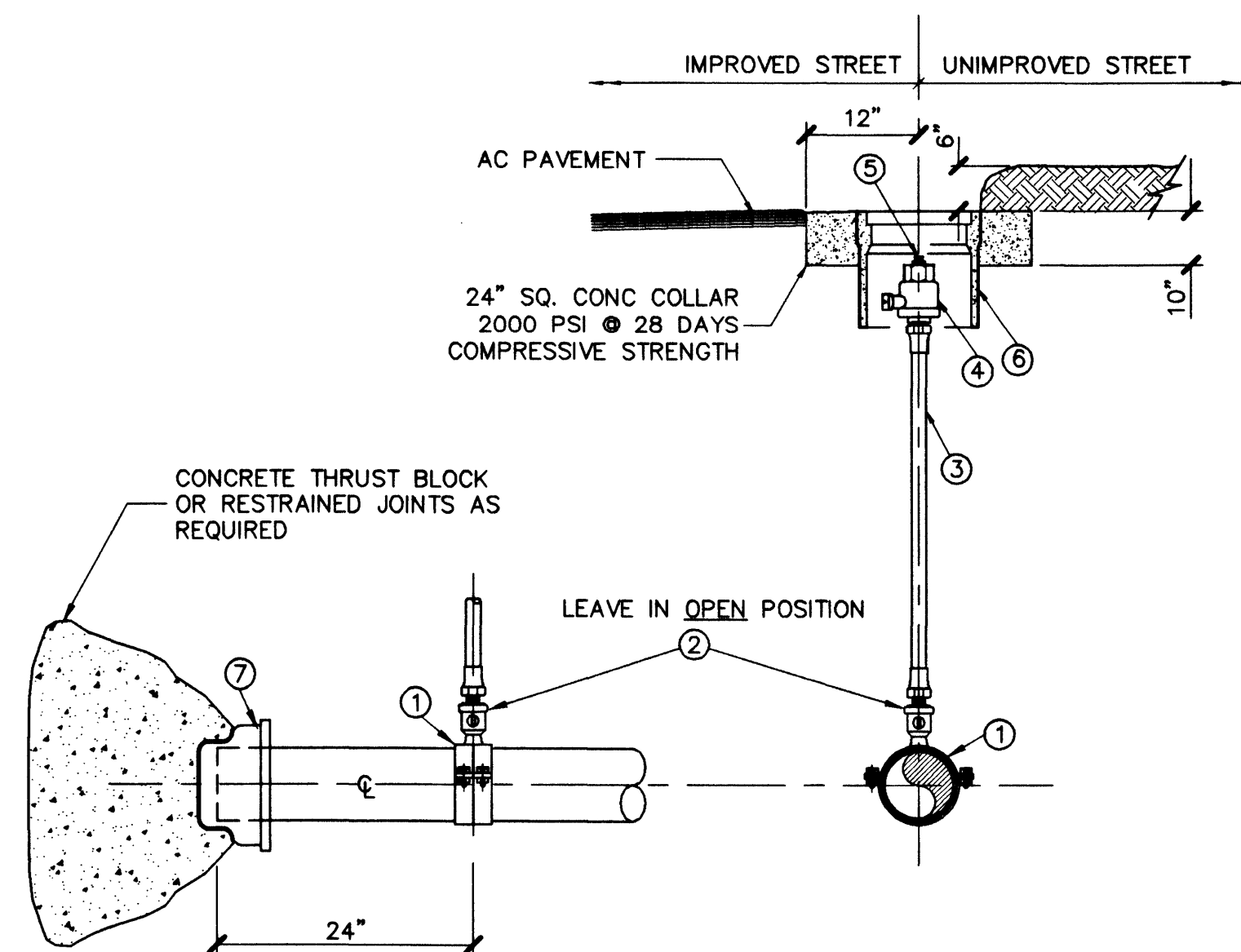
NOTES

- HEX HD BOLT AND HEX HD NUT ARE ASTM A307, GRADE "B", CADMIUM PLATED OR ZINC COATED.
- COAT AND/OR WRAP IN ACCORDANCE WITH UDACS SECTION 3.14.

INSULATING FLANGE DETAIL

NOT TO SCALE

4



LEGEND

- SERVICE SADDLE
- 2" CORPORATION STOP
- RISER, 2-INCH DIAMETER
- CURB STOP
- PLUG
- TRAFFIC VALVE BOX
- CAP OR PLUG

NOTES

- COAT AND WRAP IN ACCORDANCE WITH UDACS SECTION 3, PROTECTIVE COATINGS.
- CONCRETE TO BE 1/8" TO 1/4" BELOW FINAL STREET GRADE.
- REFER TO LVVWD PRE-APPROVED PRODUCTS MASTER LISTING FOR COMPLETE DESCRIPTION OF CONTENTS.
- ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE UDACS.

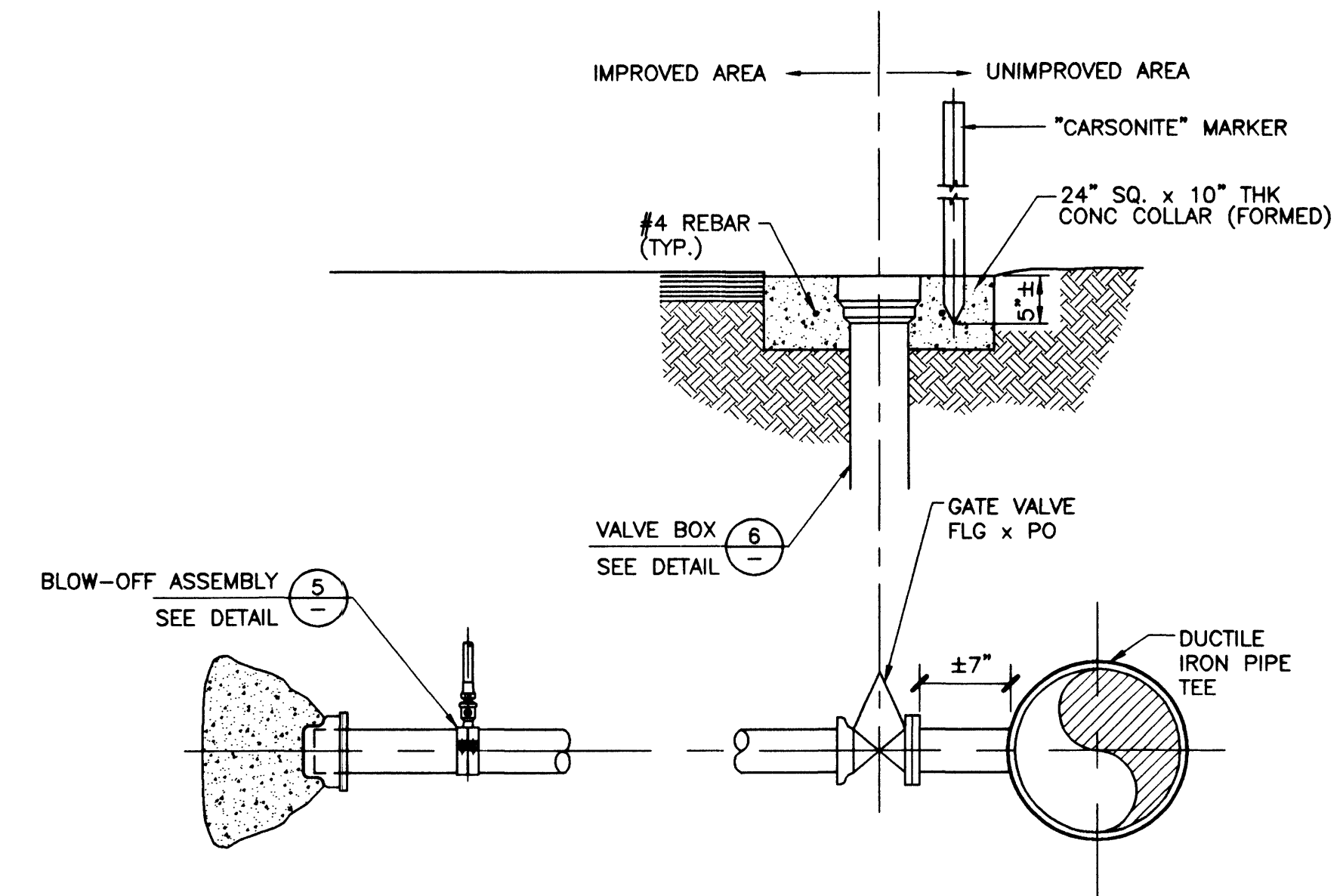
2' MANUAL BLOW-OFF ASSEMBLY

NOT TO SCALE

5

NOTES

- INSTALL VALVES CLOSED AND OPEN DURING TEST.
- COAT OUTLET, VALVE AND PLUG PER UDACS SECTION 3, PROTECTIVE COATINGS.
- WRAP OUTLET, VALVE AND PLUG WITH TWO LAYERS OF POLYETHYLENE FILM PER UDACS SECTION 3, PROTECTIVE COATINGS.
- INSTALL CARSONITE MARKER (YELLOW) IN CONCRETE COLLAR OF VALVE BOX, IN UNIMPROVED AREAS.
- 24" FORMED CONCRETE COLLAR TO BE 10" THICK



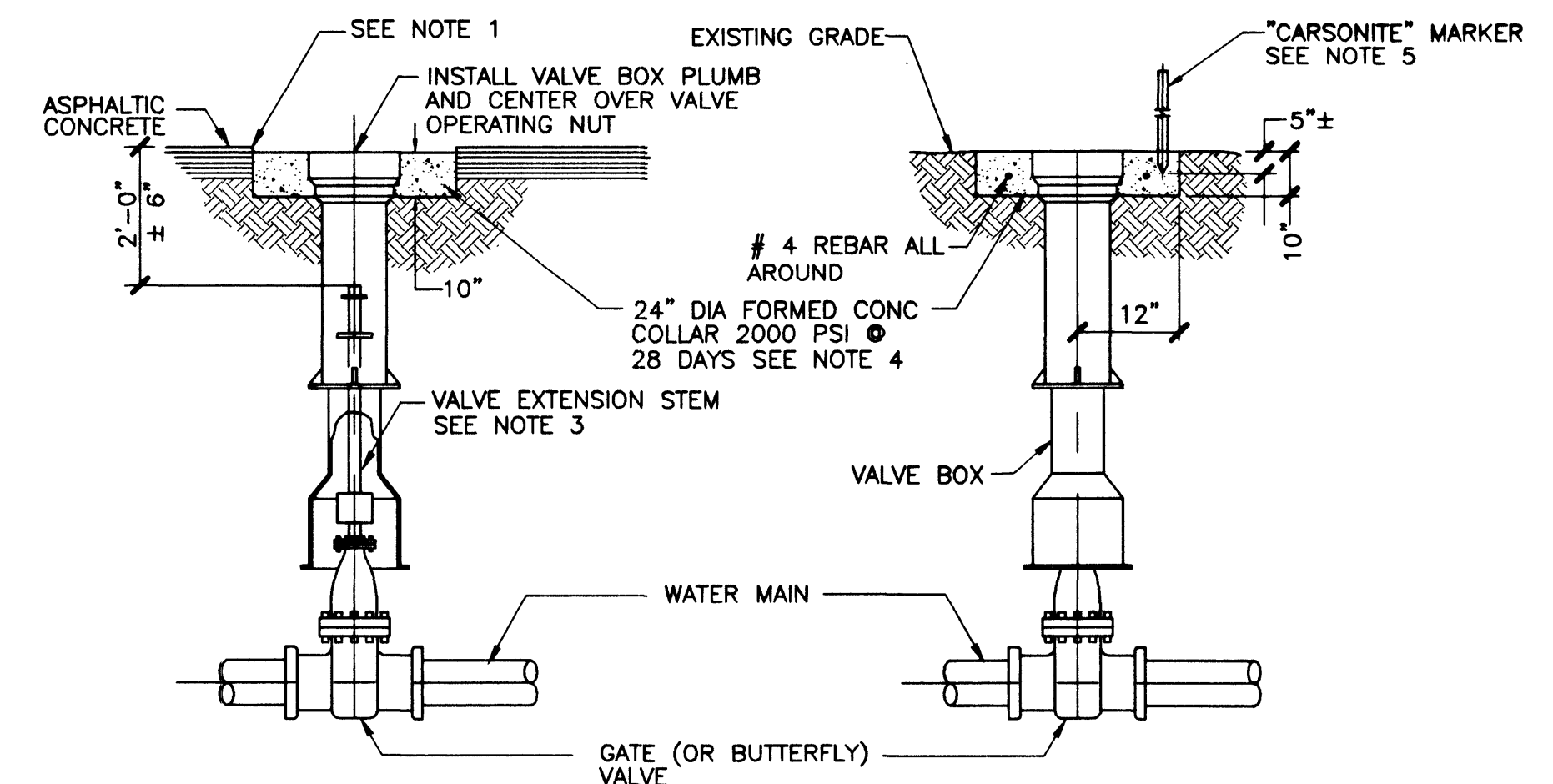
VALVED OUTLET DETAIL

NOT TO SCALE

3

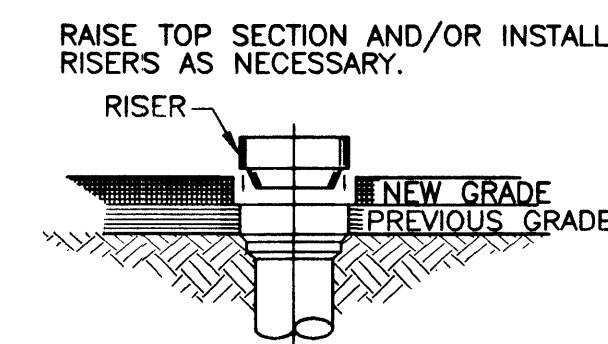
IMPROVED STREET INSTALLATION

UNIMPROVED STREET INSTALLATION



NOTES

- FINAL RIM ELEVATION TO BE 1/8" TO 1/4" BELOW FINAL STREET GRADE.
- MORE STRINGENT INSTALLATION REQUIREMENTS MAY BE IMPOSED BY THE ENTITY HAVING THE JURISDICTION OVER THE VALVE BOX INSTALLATION LOCATION.
- A VALVE EXTENSION STEM SHALL BE PROVIDED WHERE THE DEPTH TO THE OPERATING NUT EXCEEDS FIVE (5) FEET.
- ALL CONCRETE COLLARS TO BE FORMED 10" THICK.
- INSTALL CARSONITE MARKER (YELLOW) IN CONC. COLLAR OF VALVE BOX, IN UNIMPROVED AREAS.



VALVE BOX ADJUSTMENT

VALVE BOX INSTALLATION AND ADJUSTMENT

NOT TO SCALE

6

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT

DATE

KB HOME
750 PILOT ROAD, SUITE F
Las Vegas, Nevada 89119
(702) 614-2500

2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7550 FAX (702) 362-2587
nvedade CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

vtm

20" WATER MAIN
DETAILS
LAS VEGAS, NEVADA

IRON MOUNTAIN RANCH
HORSE DRIVE

SHEET

SEPT 2001

SEPT 2001

SEPT 2001

NA

NA

SCALE: NA

PROJECT NO:

ROOT

SEAL

PROFESSIONAL ENGINEER

KEITH M. MCDONALD

CIVIL

16 10539

4.7.2

SHEET

D3

10 OF 10 SHEETS

DRAWING NO.

107Y-4604-H20

Avoid cutting underground utility lines. It's costly.
Call before you dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
Call before you Overhead
1-702-593-6111
NEVADA POWER OVERHEAD SAFETY SERVICES DEPARTMENT

39964

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