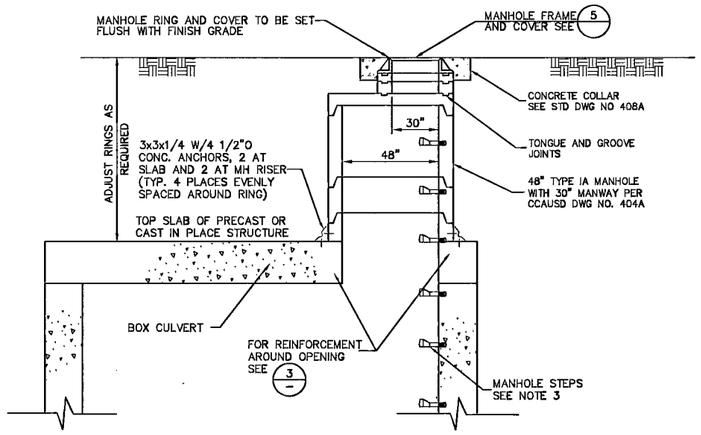


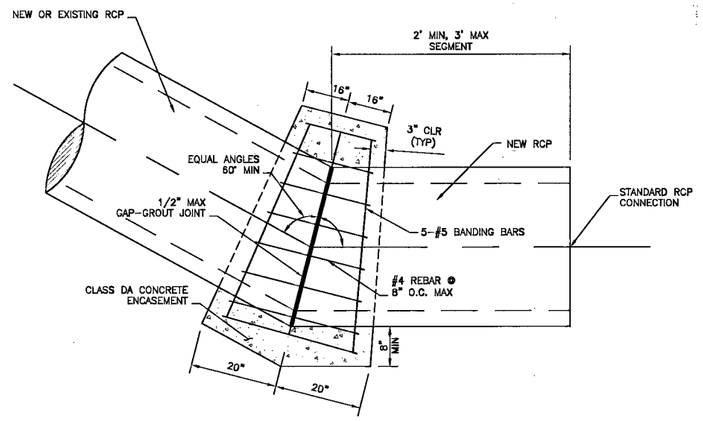
NOTES:

1. REFERENCE USE NO. 404A
2. PRECAST PIPE SECTIONS LENGTH ARRANGED TO FIT DEPTH.
3. MANHOLE STEPS PER USD NO. 410
4. PRECAST MANHOLE SECTIONS SHALL HAVE LONGITUDINAL REINFORCEMENT GREATER THAN OR EQUAL TO .0018 TIMES THE GROSS AREA OF THE RING.

SECTION - MANHOLE

1

NO SCALE



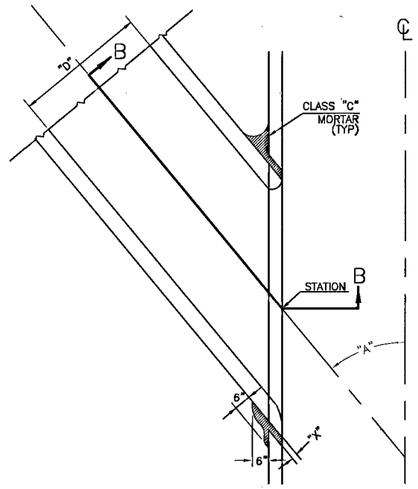
NOTES:

1. AT THE CONTRACTORS OPTION, ELBOWS MAY BE PRECAST BY RCP MANUFACTURER
2. 8" MIN COLLAR DEPTH
3. NEW RCP SECTION TO BE 2' TO 3' LONG TO ACCOMODATE GROUTING OF JOINT FROM INSIDE

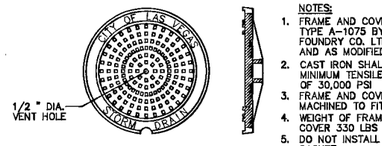
HORIZONTAL AND/OR VERTICAL ANGLE RCP CONNECTION

2

NO SCALE



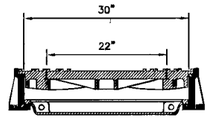
PLAN



COVER

NOTES:

1. FRAME AND COVER SHALL BE TYPE A-1075 BY ALHAMBRA FOUNDRY CO. LTD. OR EQUAL, AND AS MODIFIED
2. CAST IRON SHALL HAVE MINIMUM TENSILE STRENGTH OF 30,000 PSI
3. FRAME AND COVER MACHINED TO FIT
4. WEIGHT OF FRAME AND COVER 330 LBS MIN
5. DO NOT INSTALL RUBBER GASKET
6. LIDS TO BE IMPRINTED WITH THE WORDS "CITY OF LAS VEGAS STORM DRAIN"

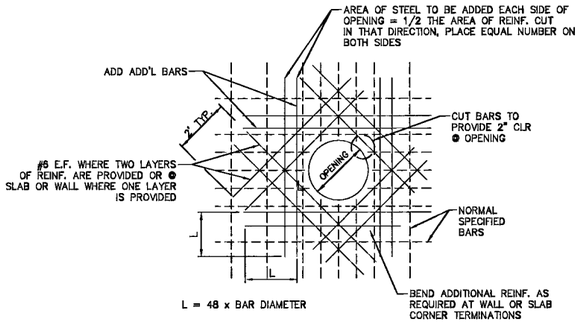


FRAME

30" MANHOLE COVER AND FRAME

5

NO SCALE

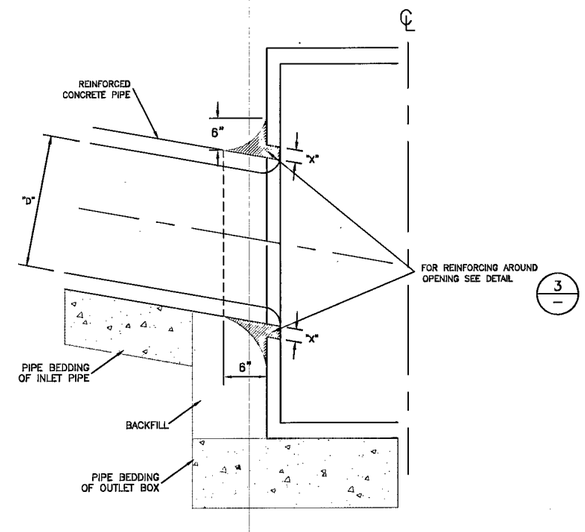


L = 48 x BAR DIAMETER

ADDITIONAL REINFORCEMENT @ SLAB AND WALL OPENING

3

NO SCALE



SECTION B-B

1. ANGLE "A" SHALL BE BETWEEN 90° AND 45°
2. DIMENSION "D" SHALL BE EQUAL TO OR LESS THAN 1/2 THE INSIDE WALL HEIGHT OF MAINLINE BOX
3. DIMENSION "X" SHALL BE 1" MINIMUM AND 3"MAX.
4. BURN OR GRIND END OF INLET PIPE FLUSH WITH INNER SURFACE OF MAINLINE. ROUND EDGES OF MAINLINE AND INLET PIPE.

PIPE PENETRATION DETAIL

6

NO SCALE

Call before you Underground 1-702-455-7511 CLARK COUNTY WATER RECLAMATION DISTRICT 1-702-402-8390 CENTRAL NEVADA REGIONAL UTILITY COORDINATING GROUP NEVADA DEPARTMENT OF TRANSPORTATION (NDOT)

Call before you Overhead 1-702-227-2929 NEVADA POWER EMERGENCY AND SAFETY SERVICES DEPARTMENT

Call before you Dig 811 or 1-800-227-2600 CLARK COUNTY WATER DEPARTMENT 1-702-455-7566

HTE NO. 22726

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NO.	DATE:	DESCRIPTION	APP'D
		REVISIONS	

DEPARTMENT OF PUBLIC WORKS
400 EAST STEWART
LAS VEGAS, NEVADA 89101
(702) 229-6276

poggemeyer design group, inc.
8950 Shaka Ranch Road, Suite 110 - Las Vegas, NV 89128 - p) 702.255.8700 - f) 702.255.8375

TITLE: GRAND TETON DRIVE STORM DRAIN

SHEET: STORM DRAIN - DETAILS

DRAWN BY: AP/BMR	11/20/08	SCALE:	HORIZ N/A
DESIGNED BY: JMC	11/20/08		VERT N/A
CHECKED BY: JSL/JLW	11/20/08	PROJECT NO: 03188-C	

PROFESSIONAL ENGINEER STATE OF NEVADA
JOSEPH L. WEED
EXP. 6-30-10
CIVIL
No. 18559
12/1/08

Sheet SD-14
21 of 30
DRAWING NO. 107V3757