

GENERAL NOTES

1. ALL FIRE HYDRANTS AND VALVE BOXES TO BE SET TO PROPOSED FINAL GRADE WITH STEAMER NOZZLE 24" ABOVE GROUND LEVEL.
2. ALL EXISTING WATER MAINS BEING ABANDONED BY ANY PROJECT ARE TO REMAIN THE PROPERTY OF THE CITY OF EDMOND, AND SHALL BE SALVAGED FOR THE CITY WATER DEPARTMENT.
3. SANITARY SEWER CROSSINGS TO BE DUCTILE IRON PIPE 10' EITHER SIDE OF WATER MAIN, TO BE MEASURED AT RIGHT ANGLES, IN ACCORDANCE WITH EDMOND CITY WATER DEPARTMENT STANDARD AND/OR OKLAHOMA STATE DEPARTMENT OF ENVIROMENTAL QUALITY STANDARDS.
4. SET END OF MAIN STUBS IN CUL-DE-SACS AT A POINT 5'-0" OFF FRONT PROPERTY LINE. THIS POINT BEING IN LINE WITH SIDE PROPERTY LINE.
5. IN INSTANCES WHERE FLOW LINES ARE NOT INDICATED ON THE DRAWINGS, MAIN SHALL BE CONSTRUCTED WITH A MINIMUM OF 4'-0" COVER, OR AS DIRECTED BY THE CITY ENGINEER AND IN ACCORDANCE WITH OKLAHOMA STATE DEPARTMENT OF ENVIRONMENTAL QUALITY STANDARDS.
6. FIRE HYDRANTS SHALL BE LOCATED 5' TO 9' FROM BACK OF CURB. SIDEWALK LOCATIONS TO BE PRE-DETERMINED SO HYDRANTS WILL NOT BE LOCATED IN SIDEWALK.
7. ALL EMBANKMENTS AND BACKFILL SHALL MEET CITY OF EDMOND STANDARD SPECIFICATION 615.03 (g).

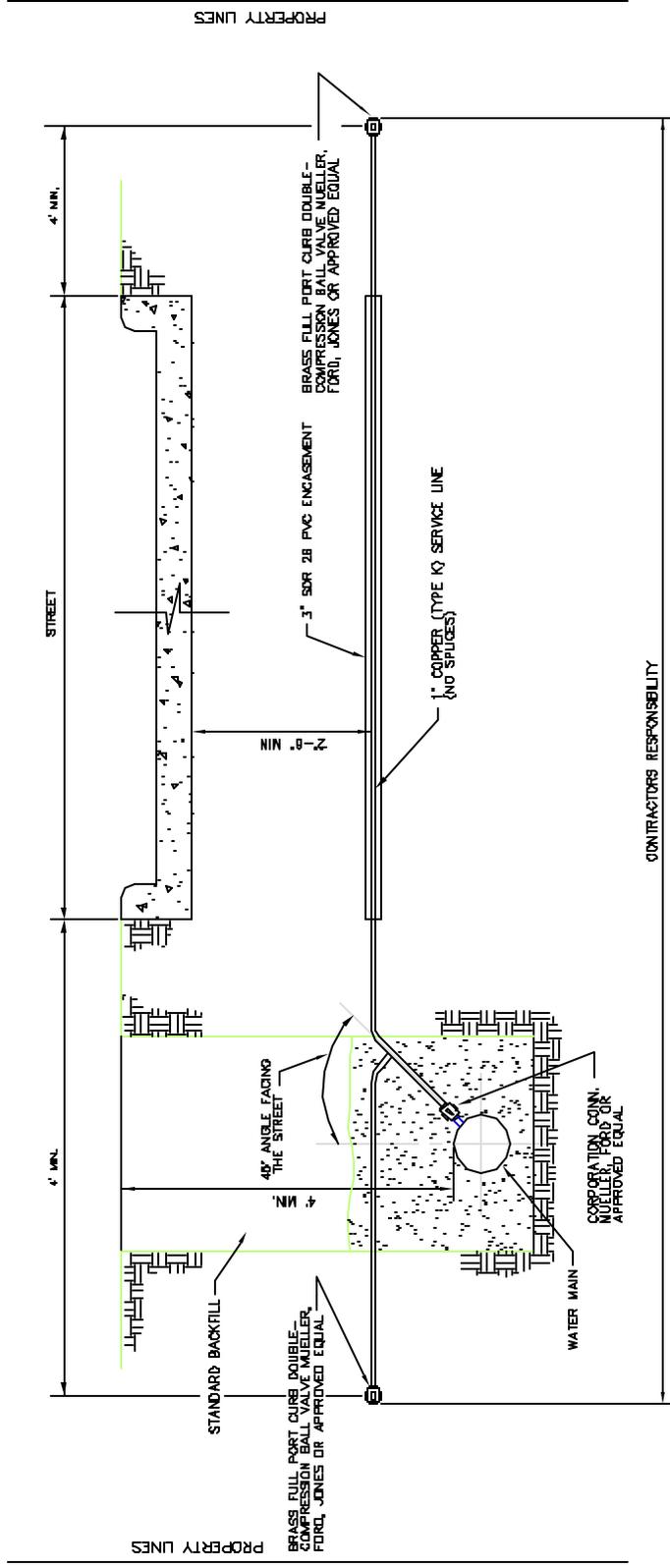
D:\CWA\WATER EDMOND\STANDARD CONSTRUCTION DRAWINGS\EDMOND\STANDARD CONSTRUCTION DRAWINGS (JULY 2004)\WATER & REVISION\WL-01REV1.DWG
 JULY 26, 2004 REBER

REVISIONS	ND.	DATE	ITEM CHANGED
	1	7/26/2004	HYDRANT

CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

GENERAL NOTES

WATER	
SPECIFICATION NO. 615	
WL-01	PAGE 1



CONTRACTOR'S RESPONSIBILITY

NOTE:

1. PVC ENCASEMENT SHALL BE PROVIDED FOR ALL SERVICE LINES CROSSING UNDER PAVING.
2. EACH SERVICE LINE LONG OR SHORT, SHALL BE PROVIDED WITH A SEPARATE CORPORATION CONNECTION. USE OF A SINGLE CORPORATION CONNECTION TO PROVIDE SERVICE TO MORE THAN ONE (1) LOCATION IS PROHIBITED.
3. PLACEMENT OF ONE (1) OR MORE SERVICE LINES WITHIN THE REQUIRED PVC ENCASEMENT WILL BE ALLOWED AS APPROVED BY THE ENGINEER.
4. ALL CORPORATION CONNECTIONS SHALL BE CONSTRUCTED ON THE STREET SIDE OF WATER MAIN.
5. COPPER SERVICE LINES ATTACHED TO CAST IRON OR DUCTILE IRON WATER MAIN SHALL BE WRAPPED A MINIMUM OF 3' FROM THE MAIN WITH PLASTIC-BACKED ADHESIVE TAPE, POLYKAN #400 OR SCOTCH-RAP #50 OR EQUAL, 2" IN WIDTH.

REVISIONS	NO.	DATE	ITEM CHANGED
	1	7-26-2004	COPPER SERVICE

CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

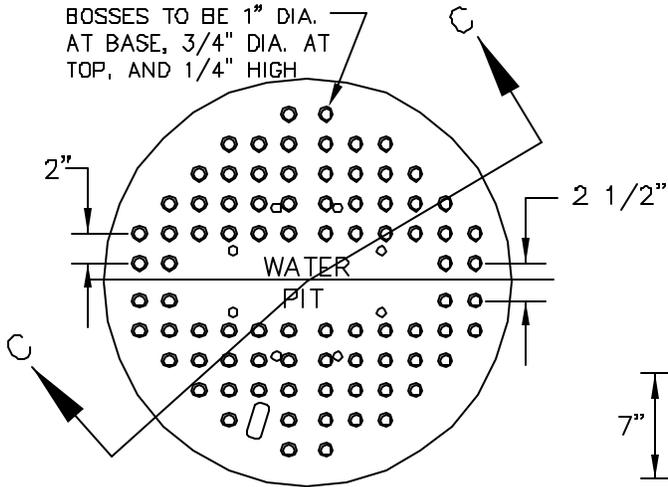
TYPICAL WATER SERVICE LINE

WATER	
SPECIFICATION NO. 616	
WL-02	PAGE 2

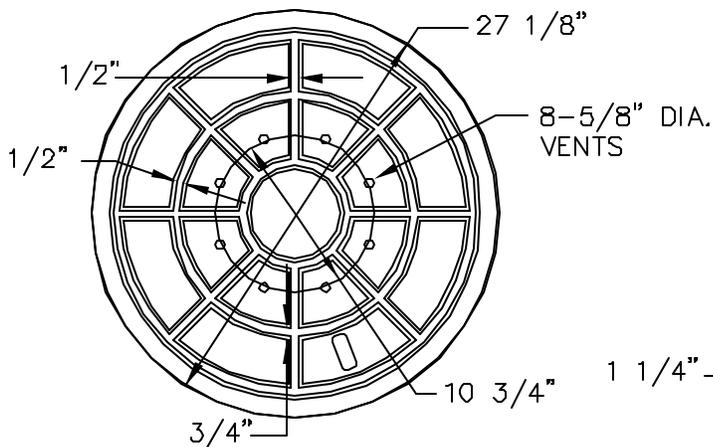
GENERAL NOTES

1. CASTINGS SHALL CONFORM TO THE A.S.T.M. SPECIFICATIONS FOR GRAY IRON CASTINGS SERIAL DESIGNATION A 48-29.
2. WHEN EACH COVER IS PLACED IN ANY POSITION IN ITS ASSOCIATED FRAME, THE SIDE PLAY IN ANY DIRECTION SHALL NOT EXCEED ONE-EIGHTH (1/8) INCH.
3. NO WORDING OR MARKINGS OF ANY KIND, OTHER THAN THOSE SHOWN ON THIS PLAN, WILL BE PERMITTED ON THESE CASTINGS.
4. PICK HOLES REQUIRED ON ALL TYPES OF LIDS.
5. ALTERNATE LID TYPES ACCEPTED AS APPROVED BY THE CITY OF EDMOND.

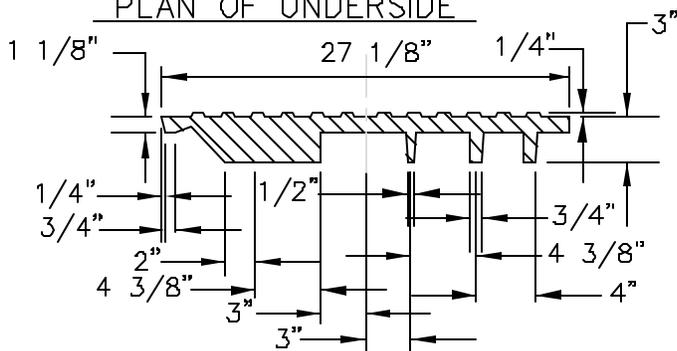
BOSSES TO BE 1" DIA.
AT BASE, 3/4" DIA. AT
TOP, AND 1/4" HIGH



PLAN OF TOP



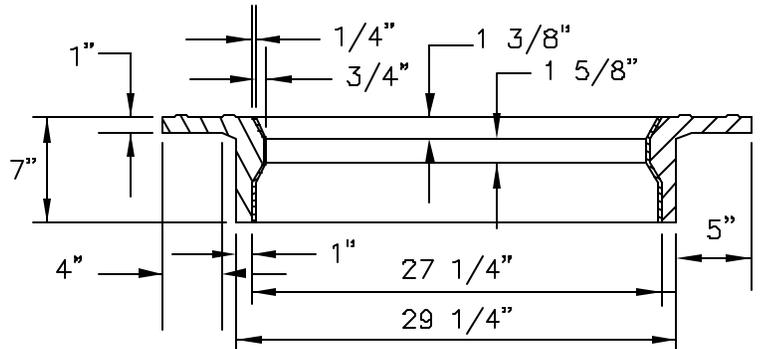
PLAN OF UNDERSIDE



SECTION C-C

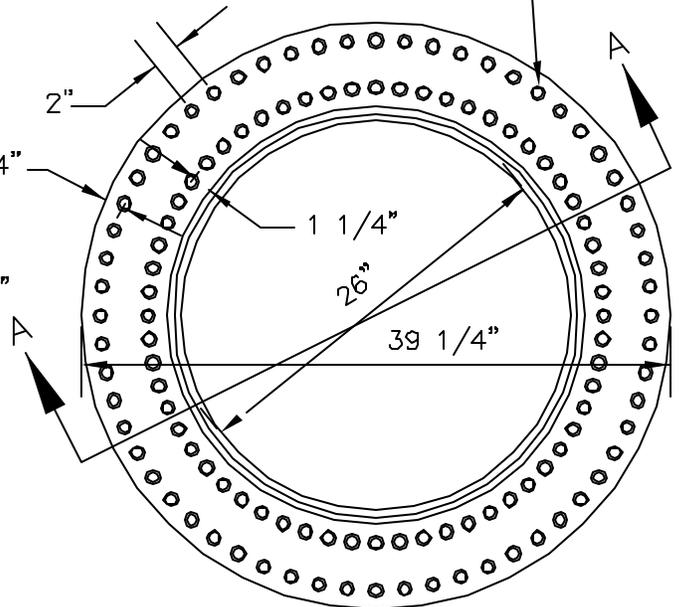
STANDARD COVER

CASTING WEIGHTS
THE AVERAGE WEIGHT OF CASTINGS
WILL NOT BE LESS THAN 98% OF
WEIGHTS SHOWN BELOW.
WEIGHTS OF INDIVIDUAL CASTINGS
WILL NOT BE LESS THAN 95% OF
WEIGHTS SHOWN BELOW.
RING ONLY 392 LBS.
COVER ONLY 251 LBS.
TOTAL 643 LBS.



SECTION A-A

BOSSES TO BE 1" DIA.
AT BASE, 3/4" DIA. AT
TOP, AND 1/4" HIGH



PLAN OF TOP

STANDARD FRAME

REVISIONS	NO.	DATE	ITEM CHANGED

CITY OF EDMOND

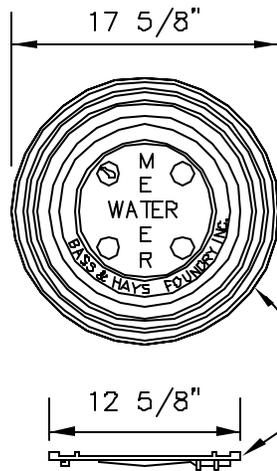
ENGINEERING DEPARTMENT
CONSTRUCTION STANDARDS

METER PIT FRAME
& COVER

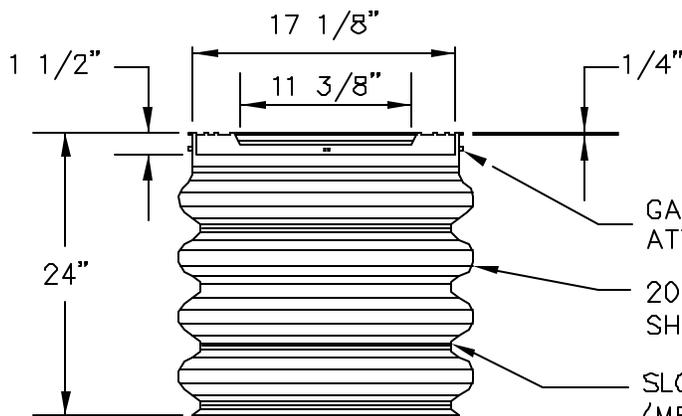
WATER

SPECIFICATION NO. 616

WL-04 PAGE 4



LID & RING SHALL BE CAST IRON



GALVANIZED BOLTS FOR ATTACHING RING TO CAN
 20 GAUGE GALVANIZED SHELL (CORRUGATED)
 SLOTTED (EACH SIDE) (METER BOX SHALL BE SLOTTED TO ACCOMMODATE SIDE ENTRY SERVICE LINE, ALL CUTS SHALL BE PAINTED WITH 2 COATS OF ALUMINUM PAINT.)

METER BOX RING & COVER

(MATERIALS PURCHASED THROUGH CITY OF EDMOND)
 (UNLESS OTHERWISE PROVIDED FOR IN THE PLANS.)

CITY OF EDMOND ENGINEERING DEPARTMENT
 1115 25th St NW
 EDMOND, OK 73119

REVISIONS	NO.	DATE	ITEM CHANGED

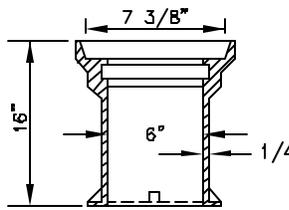
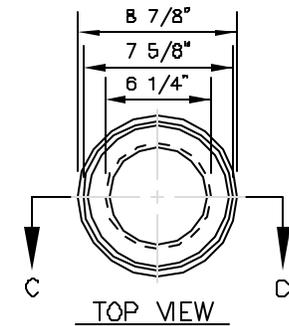
CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

**METER BOX RING
 & COVER**

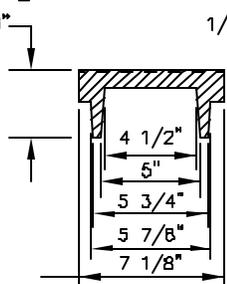
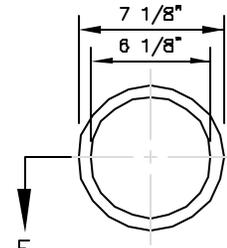
WATER

SPECIFICATION NO. 616

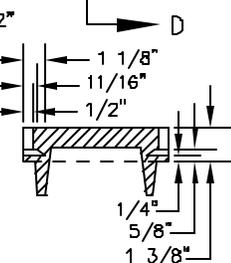
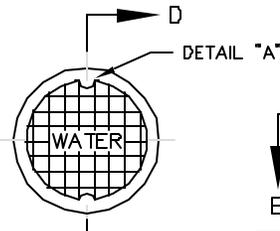
WL-05 PAGE 5



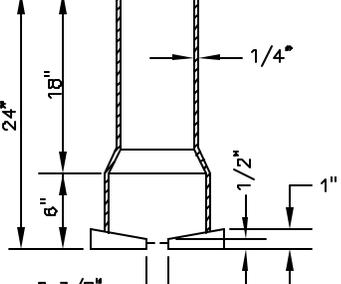
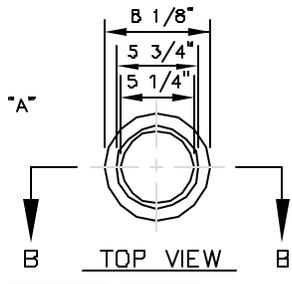
SECTION C-C
TOP SECTION
WEIGHT 45 LBS



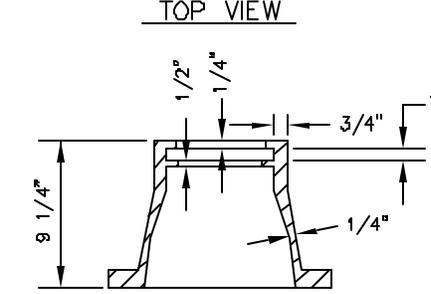
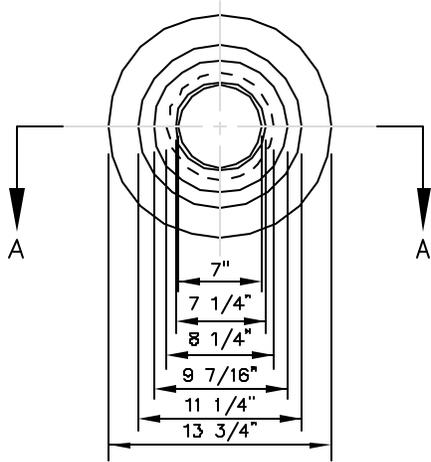
SECTION E-E
TOP VIEW



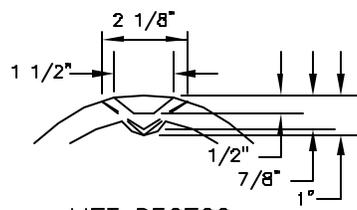
SECTION D-D
TOP VIEW



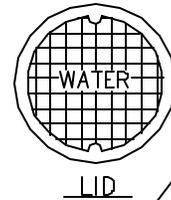
SECTION B-B
EXTENSION SECTION
WEIGHT 30 LBS



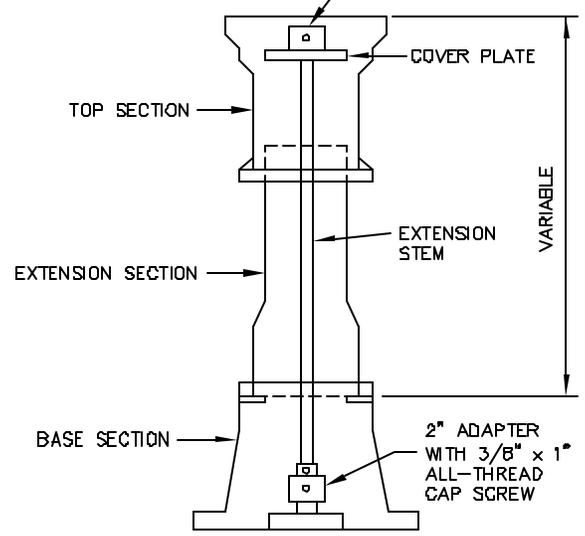
SECTION A-A
BASE SECTION
WEIGHT 35 LBS



LIFT RECESS
DETAIL "A"



LID 2" SQUARE AWWA NUT W/ SET SCREW



ASSEMBLED VALVE BOX
ASSEMBLED CASTING
WEIGHT 110 LBS

NOTE: NO PVC VALVE BOXES SHALL BE USED

REVISIONS	NO.	DATE	ITEM CHANGED

CITY OF EDMOND
ENGINEERING DEPARTMENT
CONSTRUCTION STANDARDS

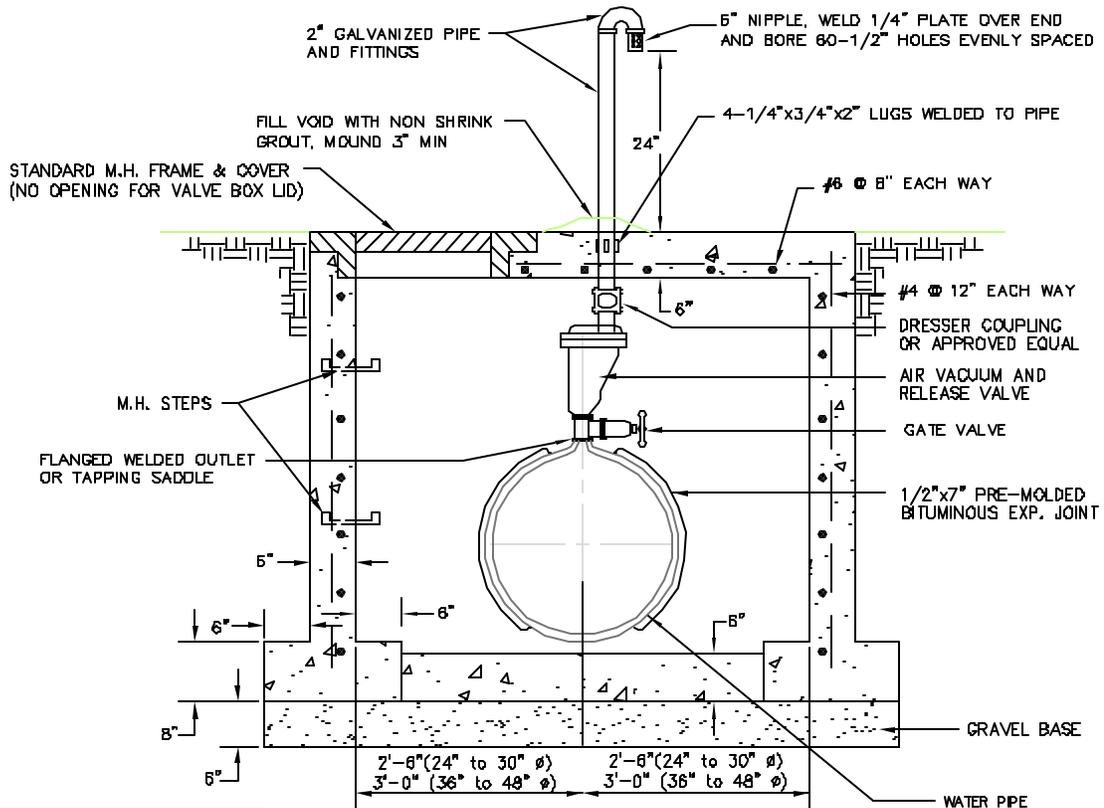
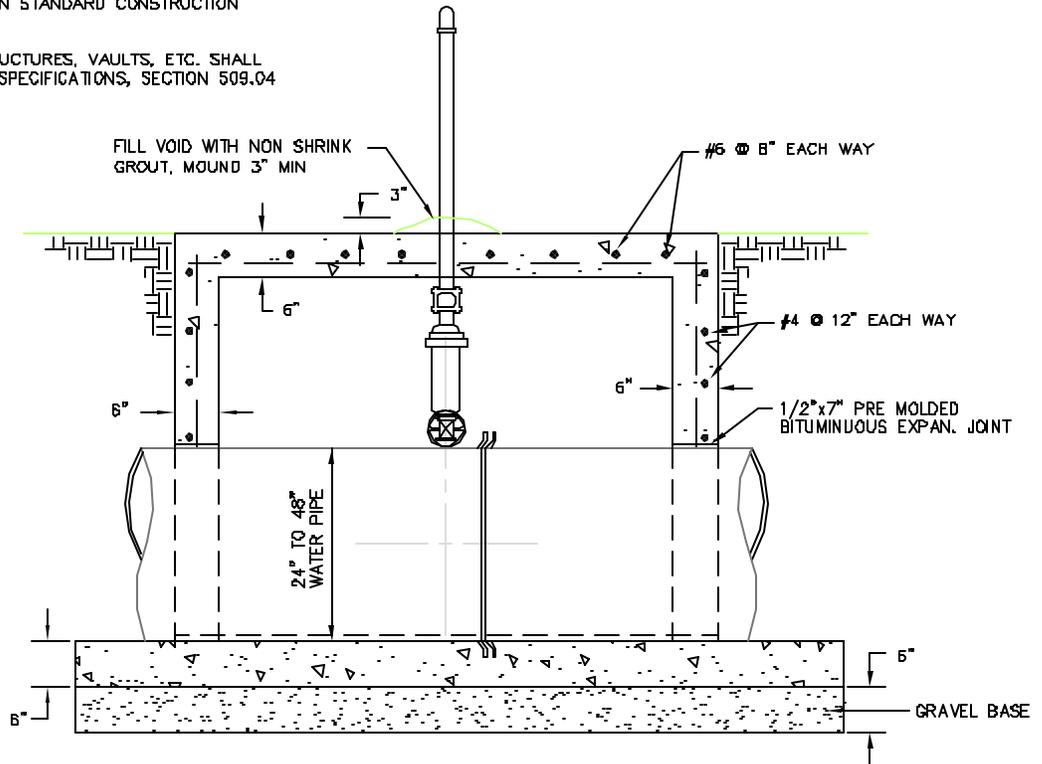
CAST IRON VALVE
BOX & LID

WATER
SPECIFICATION NO. 615
WL-06 PAGE 6

CITY OF EDMOND, 1000 WEST 10TH AVENUE, SUITE 100, EDMOND, OKLAHOMA 73119
 PHONE: (405) 326-7000 FAX: (405) 326-7001

NOTE:

- UNLESS OTHERWISE REQUIRED, DENSITY TESTING SHALL BE PERFORMED ON AVERAGE OF EVERY 200 L.F. OF TRENCH EACH 5 FT. OF DEPTH. DENSITY REQUIREMENTS FOR TRANSVERSE CROSSINGS UNDER PAVING OR DRIVEWAYS SHALL COMPLY WITH THE SCHEDULE SHOWN ON STANDARD CONSTRUCTION DETAIL PC-D7.
- PLACEMENT OF CONCRETE STRUCTURES, VAULTS, ETC. SHALL COMPLY WITH THE STANDARD SPECIFICATIONS, SECTION 509.04
- SEE PLANS FOR VALVE SIZE.



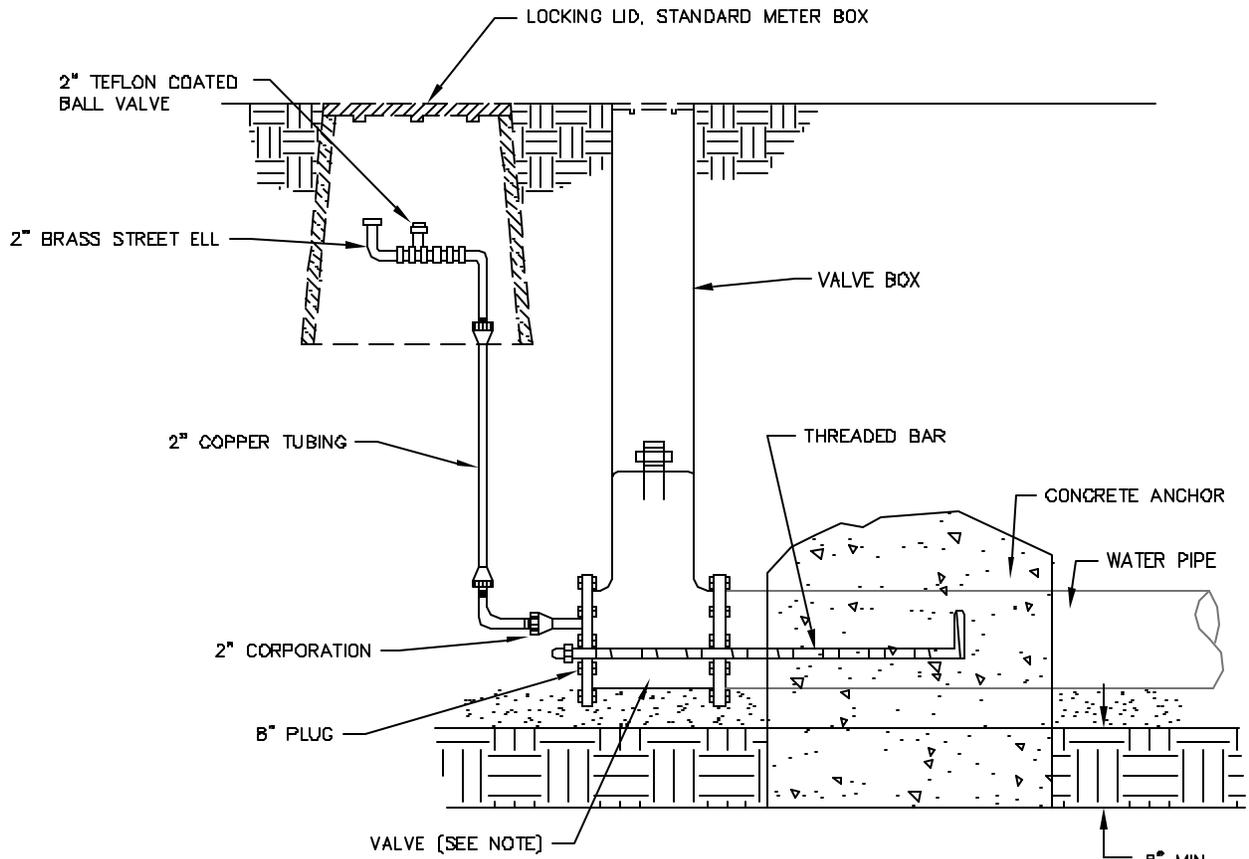
REVISIONS	NO.	DATE	ITEM CHANGED

CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

**AIR VACUUM &
 AIR RELEASE VALVE**

WATER
 SPECIFICATION NO. 616
 WL-07 PAGE 1

CITY OF EDMOND, OKLA. 1516-07.DWG
 OCT. 1, 1988 12:26 PM MORRIS



NOTE: VALVE TO BE PLACED WHEN REQUIRED BY PLANS OR AS DIRECTED BY ENGINEER.

CITY OF EDMOND ENGINEERING DEPARTMENT
 1115 25th St NW, Edmond, OK 73119

REVISIONS	ND.	DATE	ITEM CHANGED

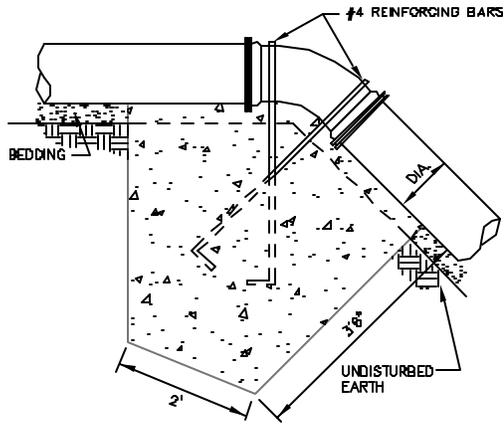
CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

2" BLOW OFF CONNECTION

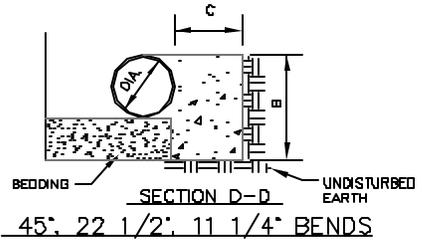
WATER

SPECIFICATION NO. 615

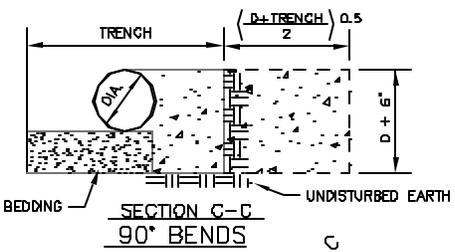
WL-08 PAGE 8



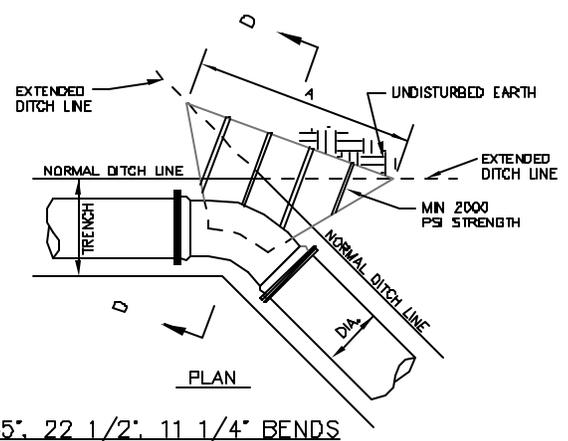
SECTION FOR VERTICAL BENDS (14" OR SMALLER)
45°, 22 1/2°, 11 1/4° BENDS



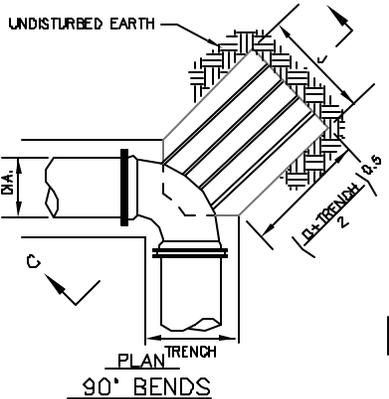
SECTION D-D
45°, 22 1/2°, 11 1/4° BENDS



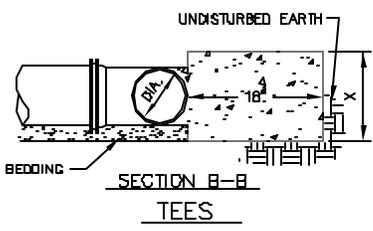
SECTION C-C
90° BENDS



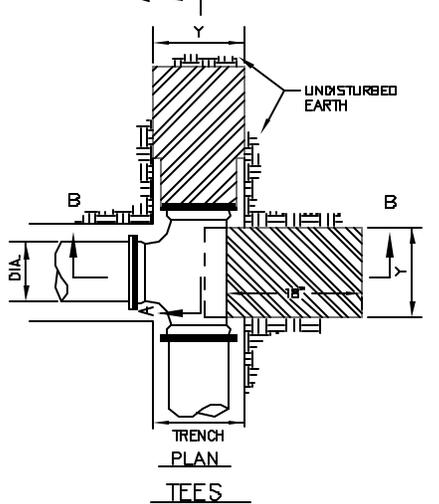
PLAN
45°, 22 1/2°, 11 1/4° BENDS



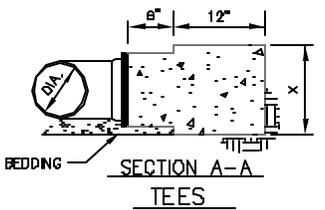
PLAN
90° BENDS



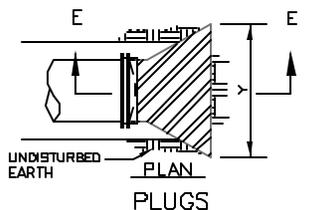
SECTION B-B
TEES



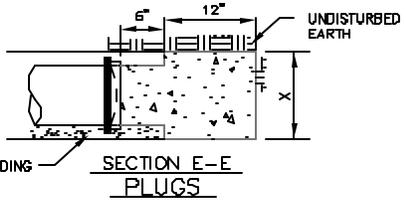
TRENCH PLAN
TEES



SECTION A-A
TEES



PLAN
PLUGS



SECTION E-E
PLUGS

PIPE DIA.	TRENCH WIDTH	DIMENSIONS FOR CONCRETE ANCHORAGES												
		45° BEND			22 1/2° BEND			11 1/4° BEND			TEE OR PLUG		90° BEND	
		A	B	C	A	B	C	A	B	C	X	Y	J	J
36	60	7'-0"	3'-0"	2'-6"	8'-0"	3'-0"	2'-6"	6'-0"	3'-0"	2'-6"	3'-4"	4'-0"	6'-5"	
30	54	5'-8"	2'-6"	2'-0"	4'-8"	2'-6"	2'-0"	4'-6"	2'-6"	2'-0"	3'-0"	3'-6"	5'-8"	
24	44	3'-9"	2'-6"	1'-10"	2'-6"	2'-6"	1'-1"	2'-0"	2'-6"	1'-0"	3'-0"	3'-3"	4'-9"	
20	38	2'-9"	2'-2"	1'-8"	2'-0"	2'-2"	1'-1"	2'-0"	2'-2"	0'-11"	2'-0"	3'-0"	4'-1"	
18	37	2'-3"	2'-0"	1'-6"	2'-0"	2'-0"	1'-1"	2'-0"	2'-0"	0'-11"	2'-0"	2'-3"	3'-9"	
16	35	2'-0"	1'-10"	1'-5"	2'-0"	1'-10"	1'-1"	2'-0"	1'-10"	0'-11"	2'-0"	1'-6"	3'-6"	
12	30	2'-0"	1'-6"	1'-4"	2'-0"	1'-6"	1'-0"	2'-0"	1'-6"	0'-11"	2'-0"	1'-0"	3'-0"	
10	28	2'-0"	1'-4"	1'-4"	2'-0"	1'-4"	1'-0"	1'-10"	1'-4"	0'-11"	1'-8"	1'-0"	2'-8"	
B	26	2'-0"	1'-2"	1'-4"	1'-10"	1'-2"	1'-0"	1'-6"	1'-2"	0'-11"	1'-6"	0'-10"	2'-4"	
B	24	2'-0"	1'-1"	1'-4"	1'-8"	1'-1"	1'-0"	1'-6"	1'-0"	0'-11"	1'-4"	0'-8"	2'-1"	

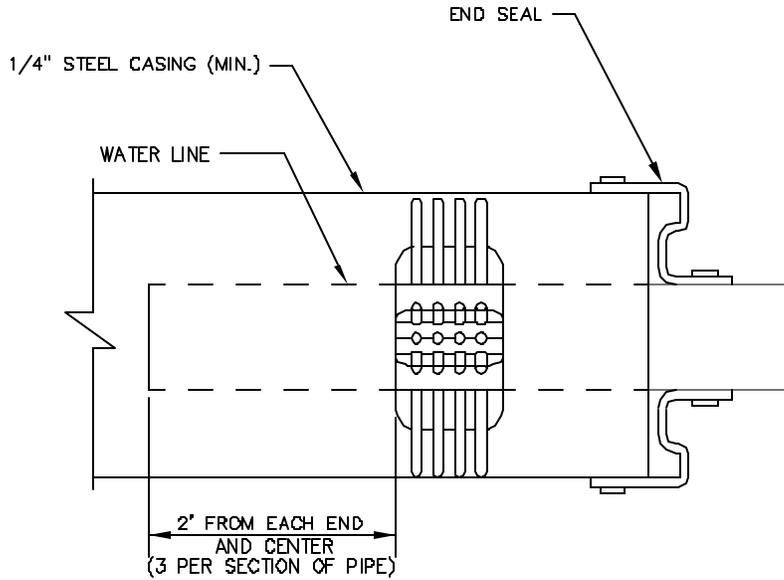
REVISIONS	ND.	DATE	ITEM CHANGED
1		7/26/2004	*X'S UNDER TEE/PLUGS

CITY OF EDMOND
ENGINEERING DEPARTMENT
CONSTRUCTION STANDARDS

HORIZONTAL CONCRETE ANCHORAGES

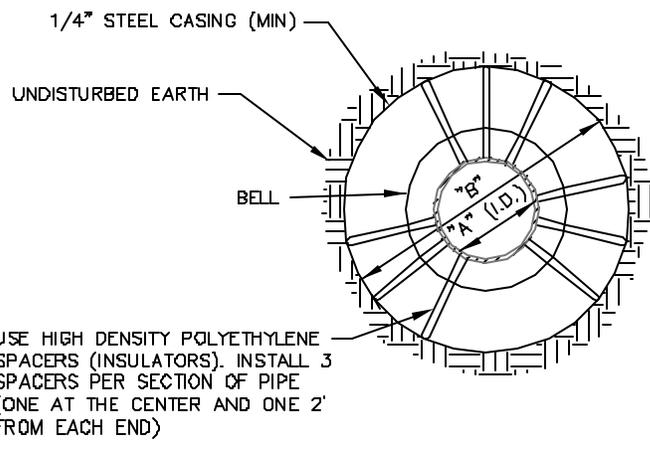
WATER
SPECIFICATION NO. 616
WL-09 PAGE 9

10.000 WATER FORMS STANDARD CONSTRUCTION DRAWINGS CONSTRUCTION DRAWINGS (JULY 2004) NEW & REVISED WL-06/08/09/10
 JULY 26, 2004 REBER



PIPE & STEEL CASING SCHEDULE	
PIPE DIAMETER "A"	CASING DIAMETER "B"
6"	16"
8"	18"
10"	20"
12"	24"
16"	30"
18"	30"
24"	42"

- NOTES:
- 1.) CONSTRUCT WATER TIGHT PLUG AT EACH END OF CASING.
 - 2.) ALL WATER LINE JOINTS WITHIN CASING SHALL BE RESTRAINED.



USE HIGH DENSITY POLYETHYLENE SPACERS (INSULATORS). INSTALL 3 SPACERS PER SECTION OF PIPE (ONE AT THE CENTER AND ONE 2' FROM EACH END)

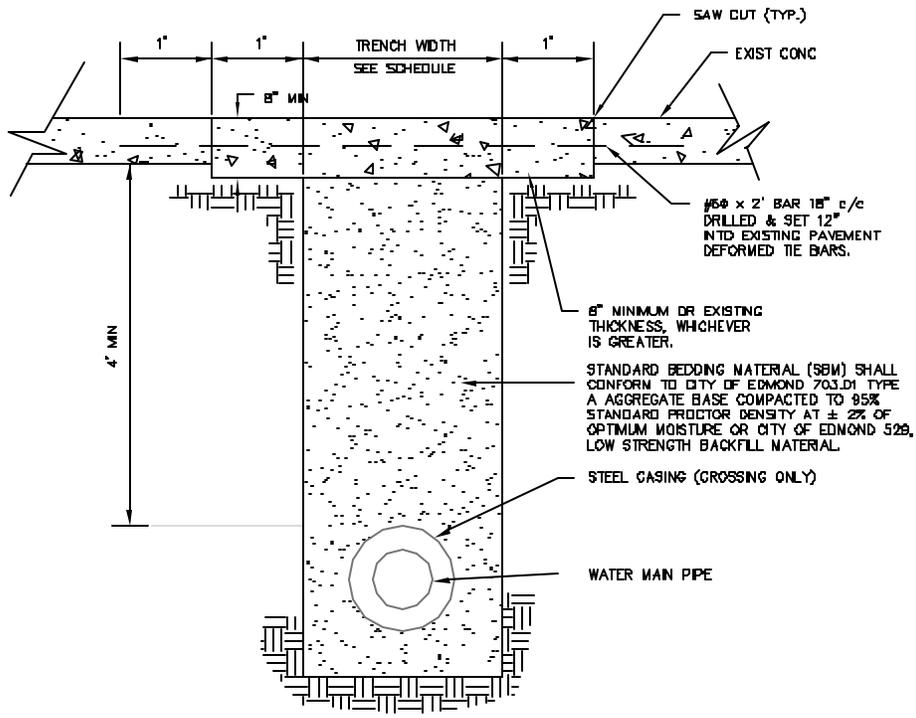
STANDARD CONSTRUCTION DRAWINGS (JULY 2007) NEW & REVISED WL-10RS/010
 CITY OF EDMOND ENGINEERING DEPARTMENT
 JULY 2004 REVISION

REVISIONS	ND.	DATE	ITEM CHANGED
1	◇	7/26/2004	JOINT RESTRAINT

CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

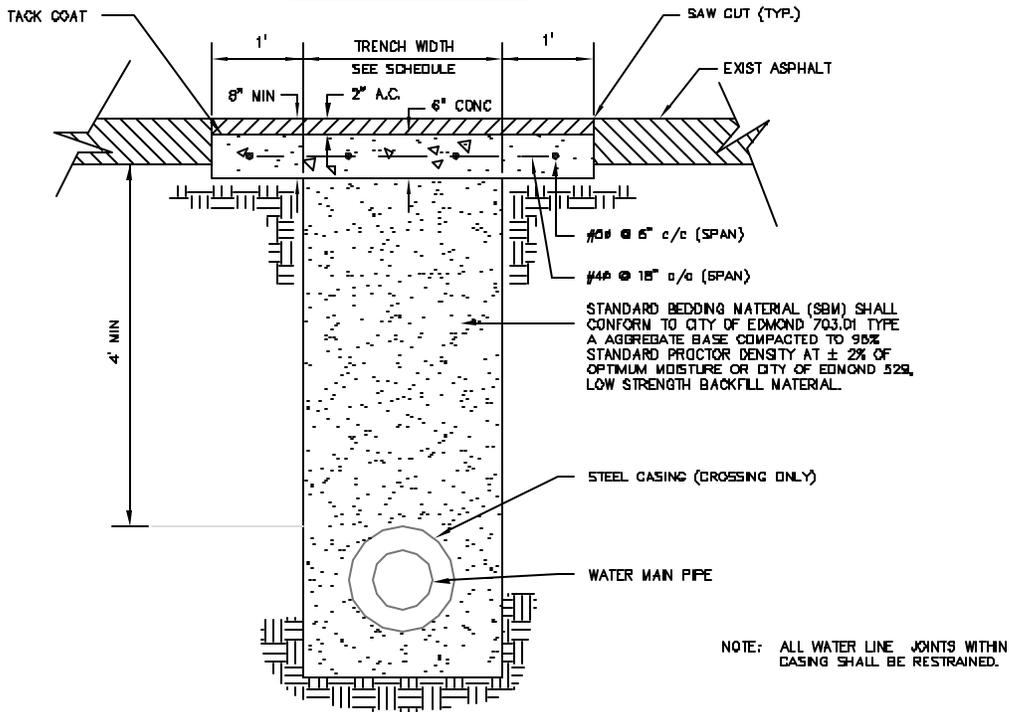
**STANDARD ROAD
 CROSSING BORE**

WATER	
SPECIFICATION NO. 615	
WL-10	PAGE 10



INSIDE PIPE DIAMETER (IN.)	STANDARD TRENCH WIDTH (IN.)
6	18
8	24
10	30
12	30
15	36
18	36
21	42
24	42
27	48
30	48
36	54
42	60
48	66

CONCRETE



ASPHALT

CITY OF EDMOND WATER FORMER APPROVED CONSTRUCTION DRAWINGS, STANDARD CONSTRUCTION DRAWINGS (JULY 2007) NEW & REVISED (V1-1185) 0/0/0
 JULY 26, 2004 REBER

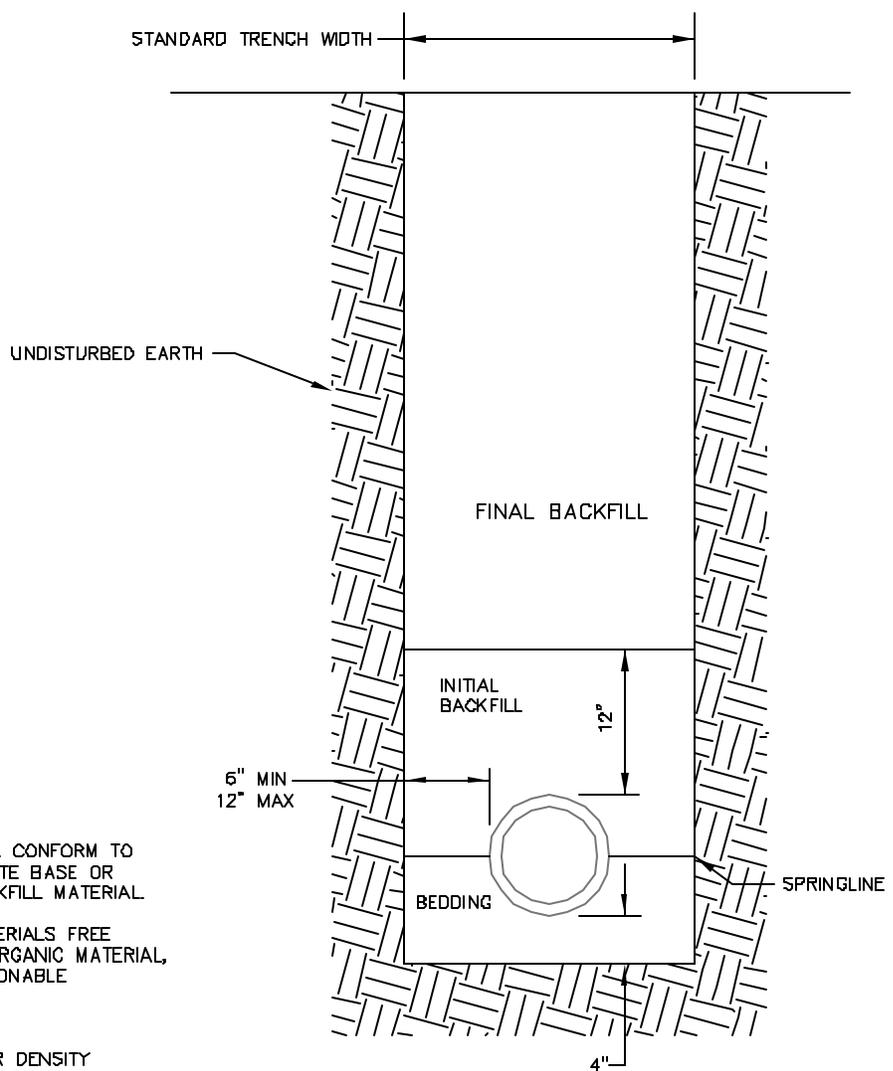
REVISIONS	ND.	DATE	ITEM CHANGED
◇		7/26/2004	JOINT RESTRAINT

CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

**PAVING CUTS
 PERMANENT & REPAIRS**

WATER
 SPECIFICATION NO. 616
 WL-11 PAGE 11

INSIDE PIPE DIAMETER (IN.)	STANDARD TRENCH WIDTH (IN.)
6	18
8	24
10	30
12	30
15	36
18	36
21	42
24	42
27	48
30	48
36	54
42	60
48	66



- NOTES:
- STANDARD BEDDING MATERIAL (SBM) SHALL CONFORM TO CITY OF EDMOND 703.01, TYPE A AGGREGATE BASE OR CITY OF EDMOND 529, LOW STRENGTH BACKFILL MATERIAL
 - SELECT FILL CONSISTS OF EXCAVATED MATERIALS FREE OF ROCKS LARGER THAN 2-1/2 INCHES, ORGANIC MATERIAL, RUBBISH, DEBRIS, AND ALL OTHER OBJECTIONABLE MATERIAL.
 - COMPACTION REQUIREMENTS:
 - PAVED AREAS: 95% STANDARD PROCTOR DENSITY
 - NON-PAVED AREAS: 90% STANDARD PROCTOR DENSITY IF COVER DEPTH < 10'. 95% STANDARD PROCTOR DENSITY IF COVER DEPTH > 10'.

BEDDING MATERIALS				
DESCRIPTION	PAVED AREAS		NON-PAVED AREAS	
	FLEXIBLE PIPE	RIGID PIPE	FLEXIBLE PIPE	RIGID PIPE
FINAL BACKFILL	STAND. BEDDING MATERIAL (SBM)	STAND. BEDDING MATERIAL (SBM)	EXCAVATED MATERIAL	EXCAVATED MATERIAL
INITAL BACKFILL	STAND. BEDDING MATERIAL (SBM)	STAND. BEDDING MATERIAL (SBM)	COVER DEPTH ≤ 10' - SELECT FILL COVER DEPTH ≥ 10' - STAND. BEDDING MATERIAL	SELECT FILL
BEDDING	STAND. BEDDING MATERIAL (SBM)	STAND. BEDDING MATERIAL (SBM)	STAND. BEDDING MATERIAL (SBM)	STAND. BEDDING MATERIAL (SBM)

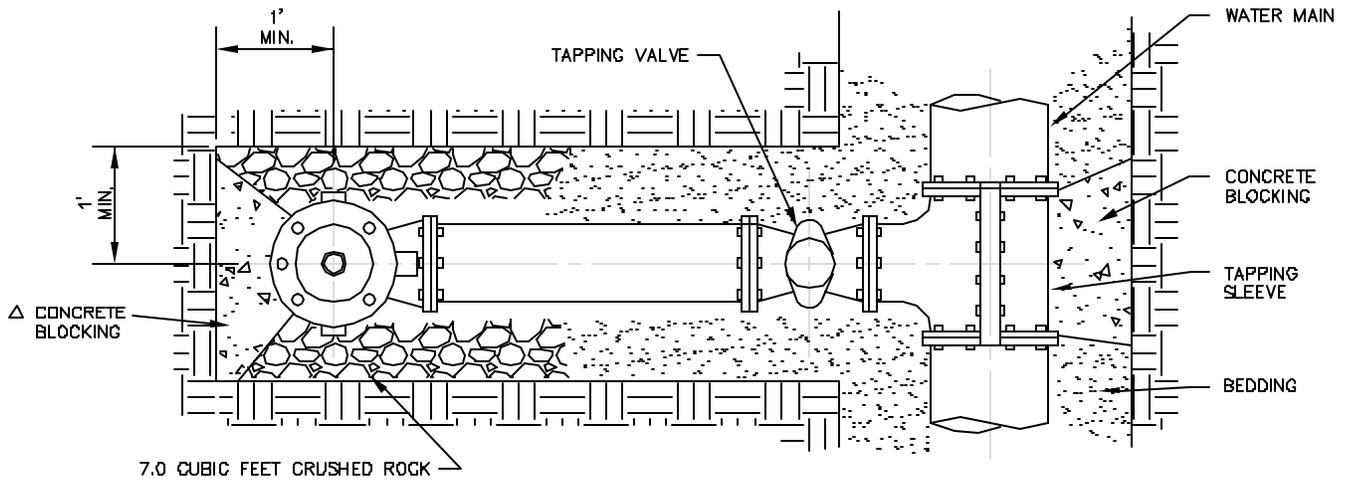
REVISIONS	ND.	DATE	ITEM CHANGED

CITY OF EDMOND
ENGINEERING DEPARTMENT
CONSTRUCTION STANDARDS

PIPE
INSTALLATION

WATER
 SPECIFICATION NO. 615
 WL-11A PAGE 11A

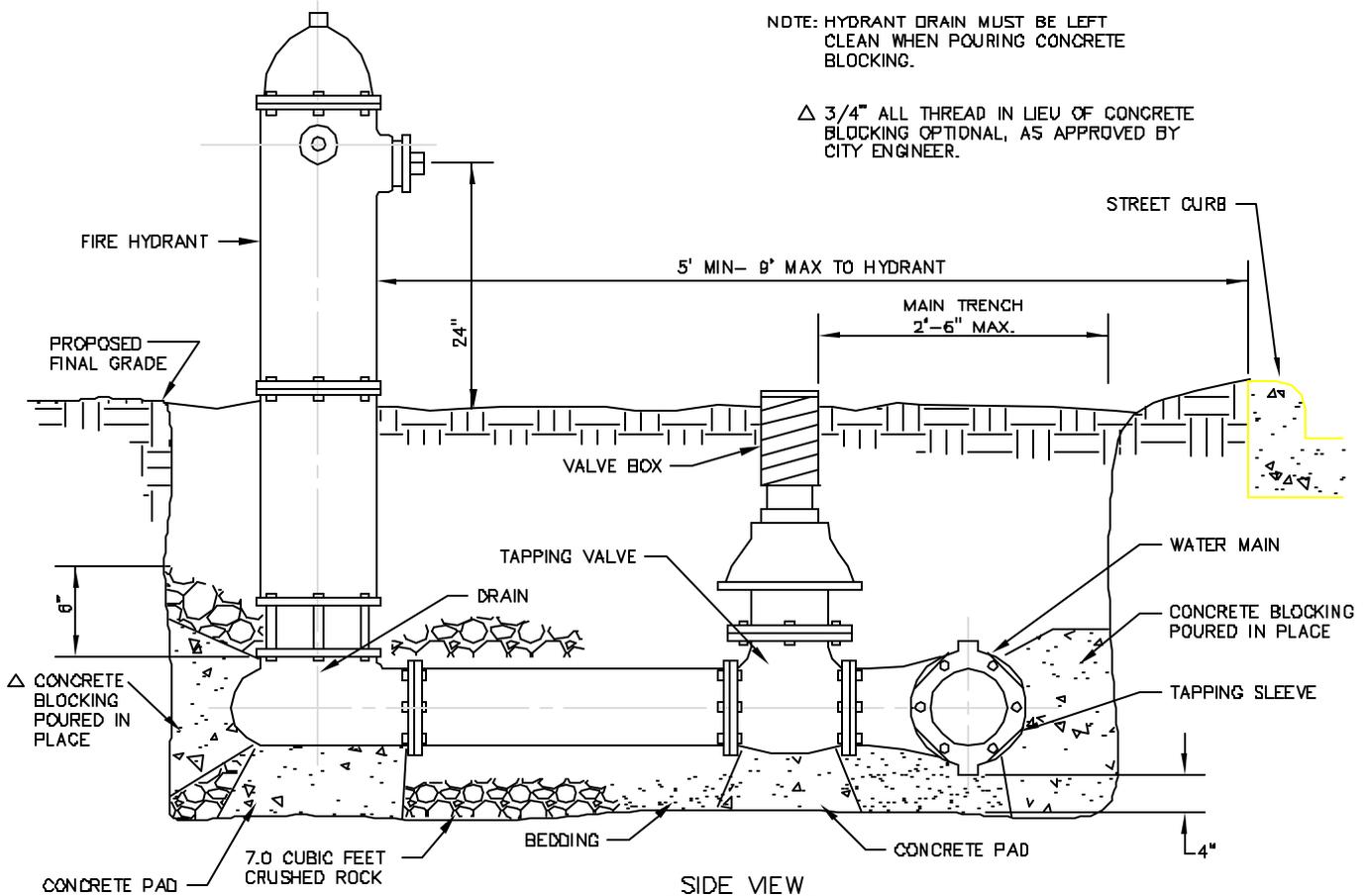
15 STATIONED CONSTRUCTION DEPARTMENT, 1500 N. 10TH AVE., EDMOND, OK 73119



TOP VIEW

NOTE: HYDRANT DRAIN MUST BE LEFT CLEAN WHEN POURING CONCRETE BLOCKING.

△ 3/4" ALL THREAD IN LIEU OF CONCRETE BLOCKING OPTIONAL, AS APPROVED BY CITY ENGINEER.



SIDE VIEW

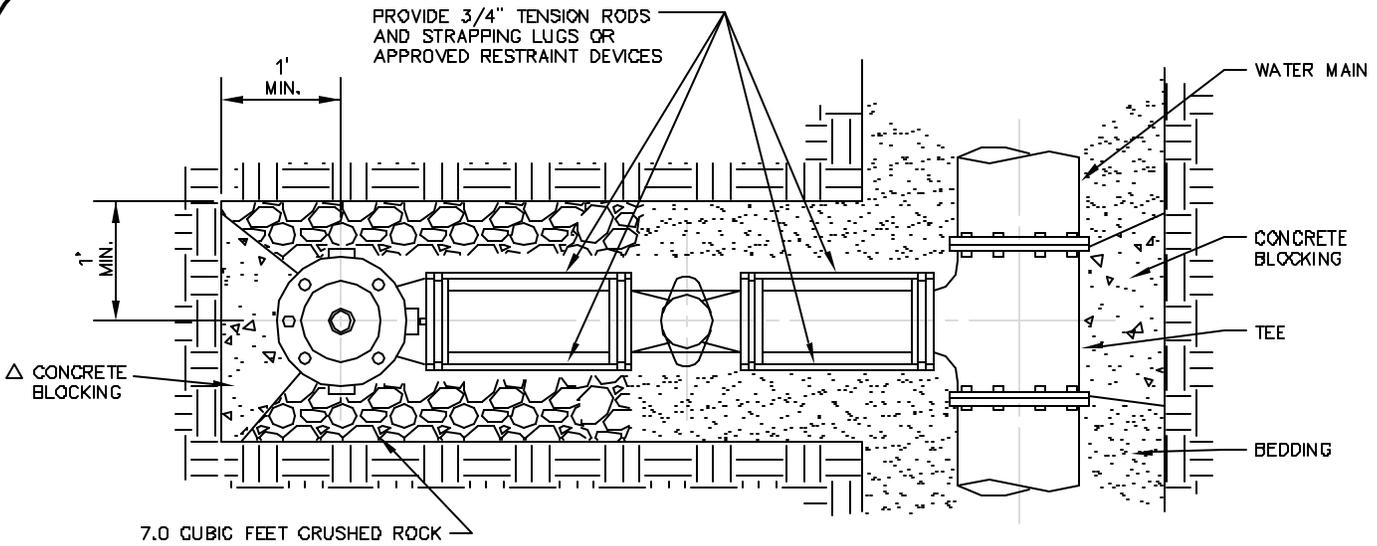
50' DIA WATER FORMER STANDARD CONSTRUCTION DRAWINGS (JULY 2004) NEW & REVISED V. 12/20/04
 JULY 2004 REBER

REVISIONS	ND.	7/26/2004	STEAMER HEIGHT
		DATE	ITEM CHANGED

CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

**INSTALLATION OF FIRE
 HYDRANT ON EX. MAIN**

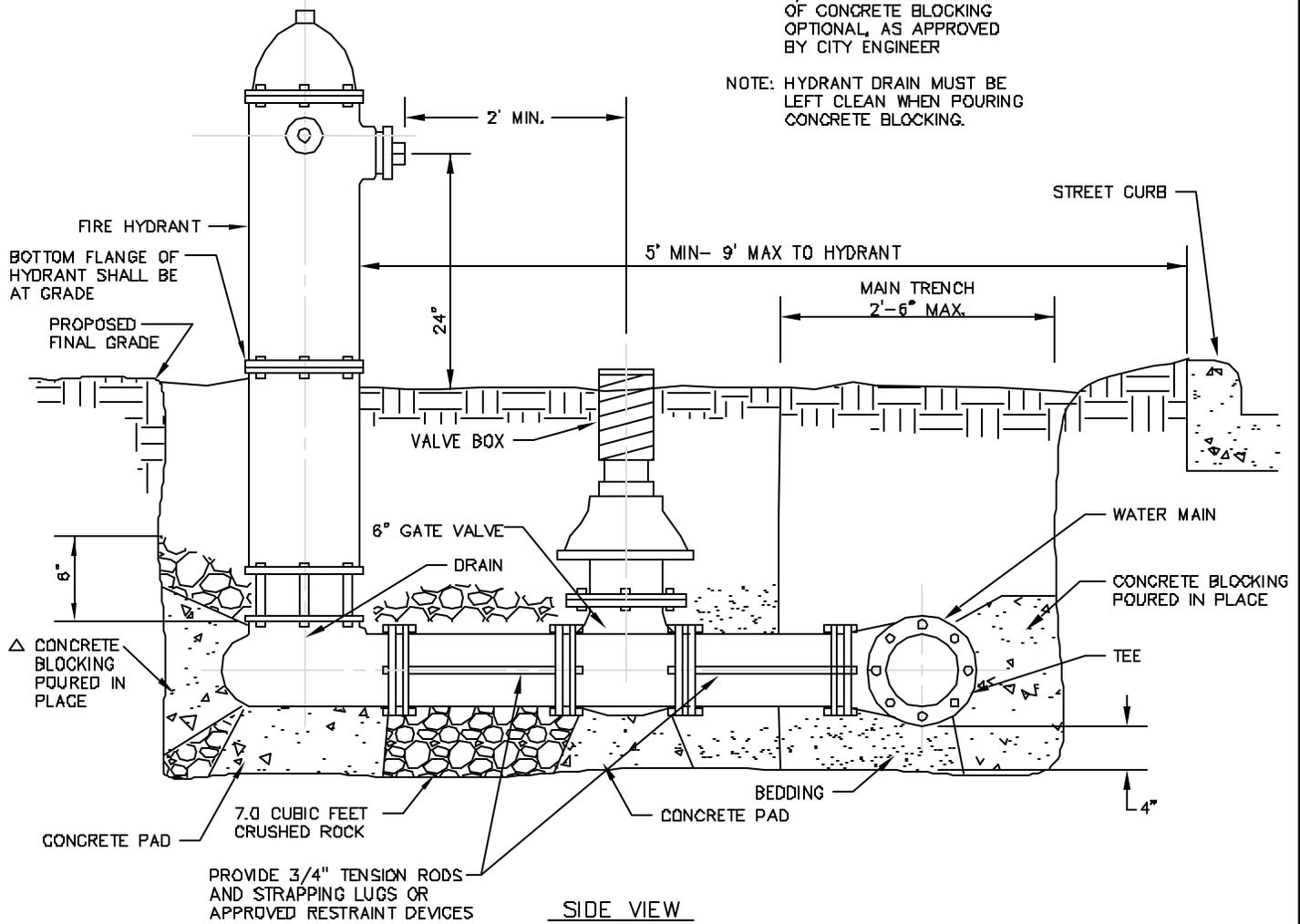
WATER	
SPECIFICATION NO. 616	
WL-12	PAGE 12



TOP VIEW

△ 3/4" ALL THREAD IN LIEU OF CONCRETE BLOCKING OPTIONAL, AS APPROVED BY CITY ENGINEER

NOTE: HYDRANT DRAIN MUST BE LEFT CLEAN WHEN POURING CONCRETE BLOCKING.



SIDE VIEW

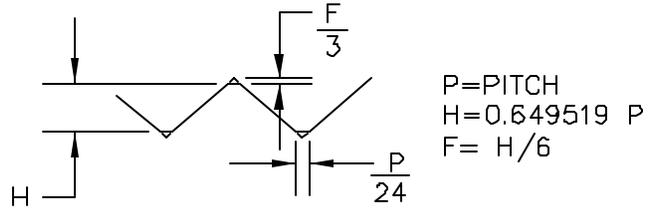
REVISIONS	ND.	DATE	STEAMER HEIGHT	ITEM CHANGED
		7/26/2004		

CITY OF EDMOND
ENGINEERING DEPARTMENT
CONSTRUCTION STANDARDS

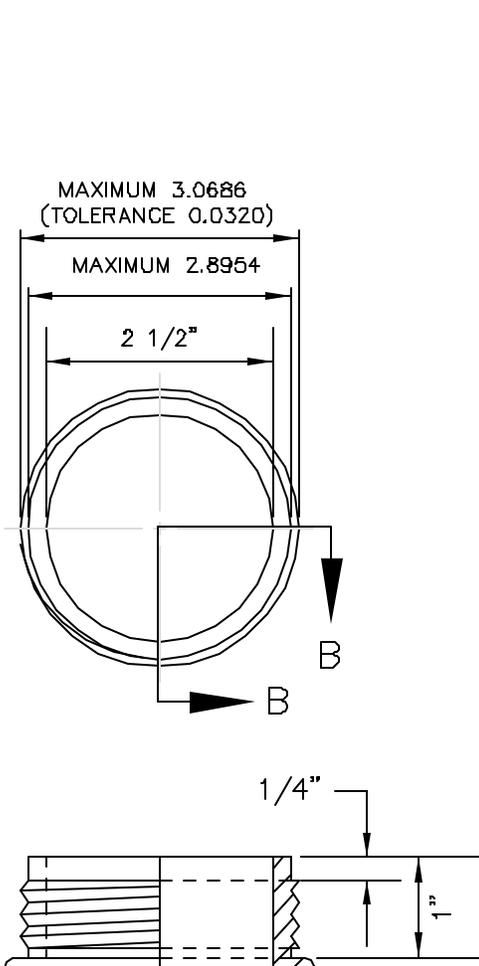
INSTALLATION OF FIRE
HYDRANT ON NEW MAIN

WATER
SPECIFICATION NO. 616
WL-13 PAGE 13

10-0000 WATER FORMER APPROVED CONSTRUCTION DRAWINGS (JULY 2007) NEW & REVISED WL-13RS/010
 JULY 26, 2004 REBER

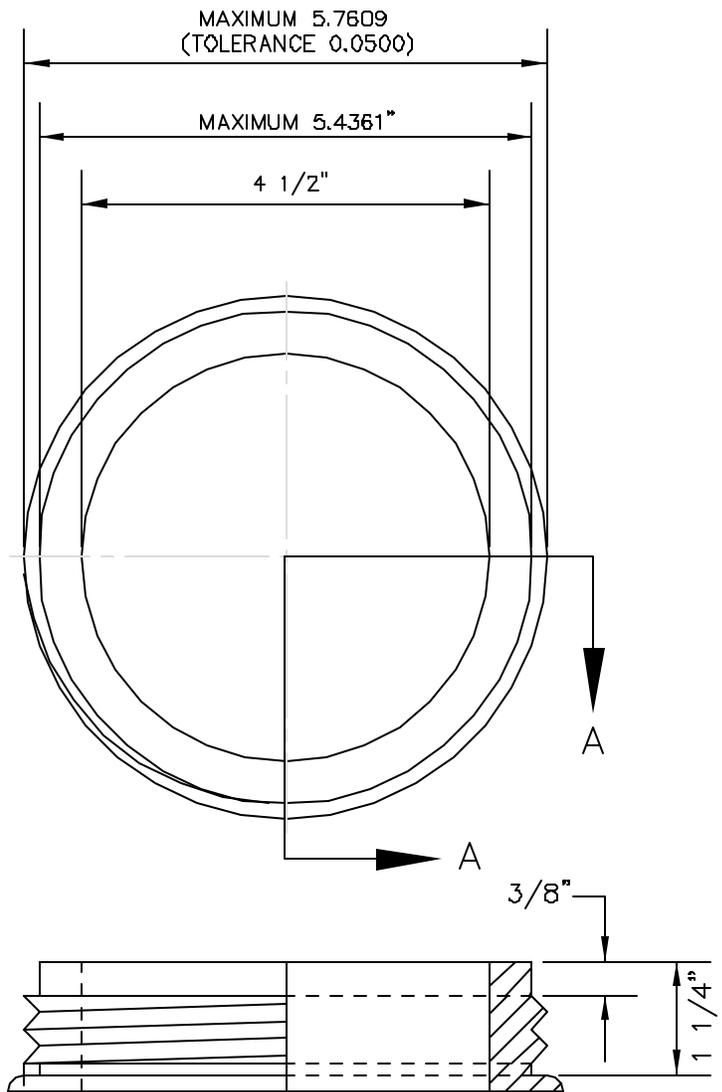


TYPICAL THREAD DETAIL



SECTION B-B
2 1/2" NOZZLE

7 1/2 THREADS PER INCH.
PITCH DIA. 2.9820
MAXIMUM.
(TOLERANCE 0.016)



SECTION A-A
4 1/2" NOZZLE

4 THREADS PER INCH.
PITCH DIA. 5.5985
MAXIMUM.
(TOLERANCE 0.025)

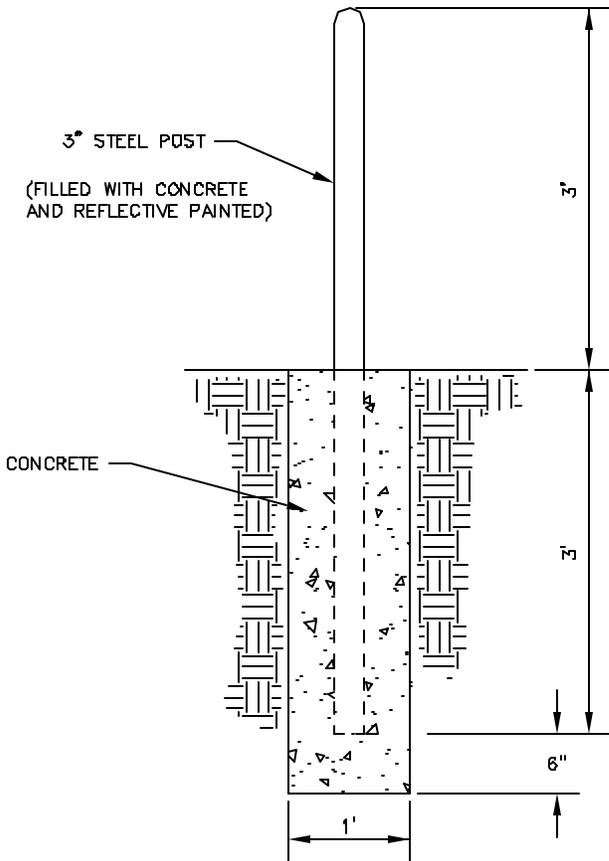
CITY OF EDMOND, OKLAHOMA
 ENGINEERING DEPARTMENT
 1001 N. WILSON AVENUE
 OKLAHOMA CITY, OKLAHOMA 73102

REVISIONS	NO.	DATE	ITEM CHANGED

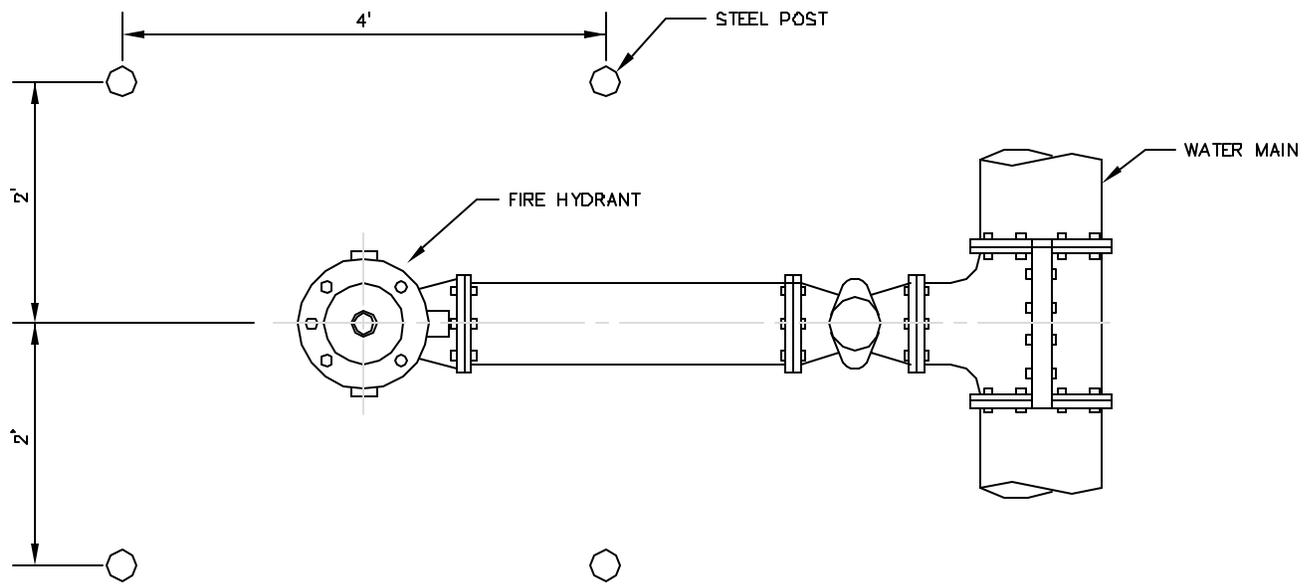
CITY OF EDMOND
ENGINEERING DEPARTMENT
CONSTRUCTION STANDARDS

FIRE HYDRANT
NOZZLE THREADS

WATER	
SPECIFICATION NO. 615	
WL-14	PAGE 14



SIDE VIEW



PLAN VIEW

(TYPICAL FOR HYDRANTS IN TRAFFIC AREAS)

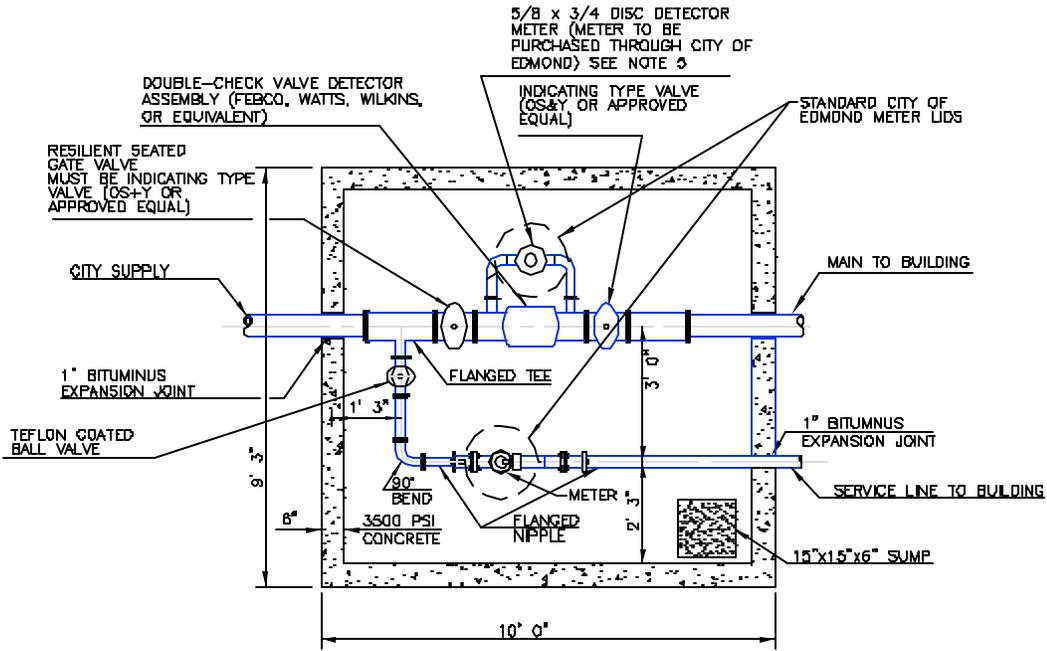
REVISIONS	NO.	DATE	ITEM CHANGED

CITY OF EDMOND
ENGINEERING DEPARTMENT
CONSTRUCTION STANDARDS

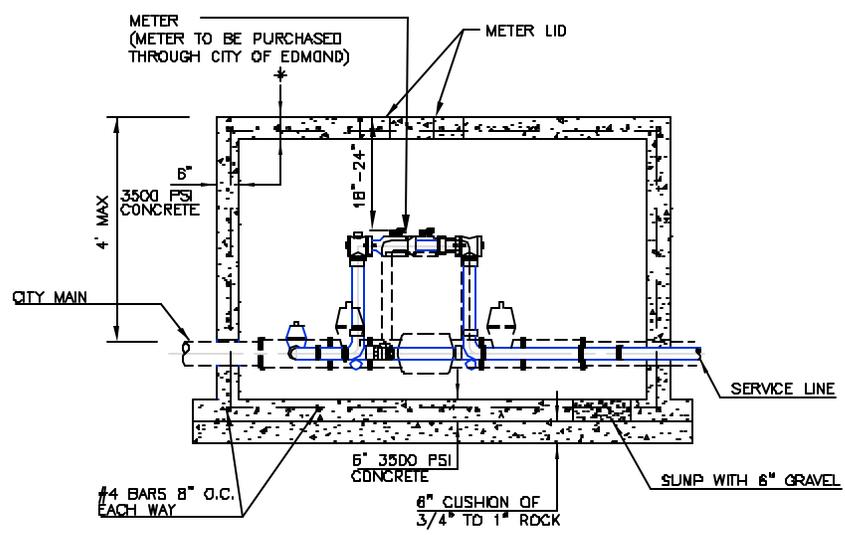
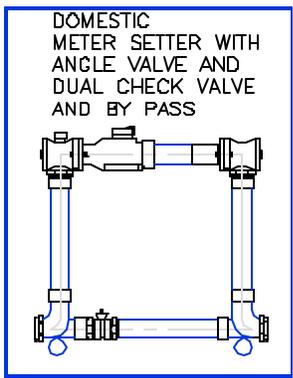
FIRE HYDRANT
GUARD POST

WATER	
SPECIFICATION NO. 615	
WL-15	PAGE 15

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 OCT. 1, 1989 2:00 PM WJH/RSB



PLAN VIEW



ELEVATION VIEW

NOTES

1. PIT TO BE LOCATED ON CITY PROPERTY OR DEDICATED EASEMENT.
 2. ALL FIRE HYDRANTS TO HAVE CITY OF EDMOND THREADS.
 3. PIT LID SHALL BE ONE REMOVABLE SECTION, MINIMUM THICKNESS 6".
 4. METERS MUST COMPLY WITH ALL CITY OF EDMOND STANDARDS AND SPECIFICATIONS.
 5. DETECTOR METER SHALL BE LOCATED 18" - 24" BELOW TOP OF PIT.
 6. IN AREAS WHERE PIT IS SUBJECT TO FLOODING, THE DISCHARGE VENT SHALL BE VENTED ABOVE FLOOD LEVEL OR PROTECTED FROM SIPHONING, AS DIRECTED BY CITY ENGINEER.
 7. LOCATION OF THE FDC MUST BE APPROVED BY THE FIRE MARSHAL'S OFFICE (358-4325).
 8. FOR FIRE SUPPRESSION AND IRRIGATION PURPOSES, A HIGH-DEMAND TURBINE METER MAY BE USED IN LIEU OF COMPOUND METER AS APPROVED BY THE CITY ENGINEER.
- * CONCRETE ON TOP OF PIT TO BE 6" THICK WHEN PIT IS LOCATED IN DRIVING LANE OR PARKING AREA.

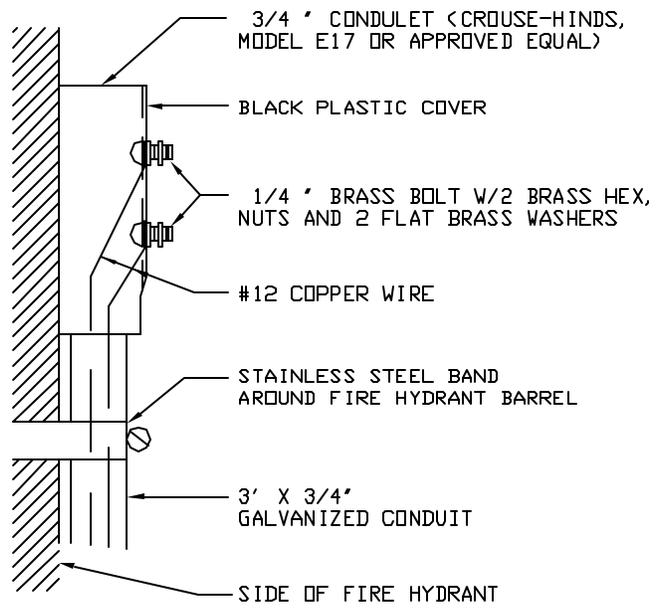
REVISIONS	ND.	DATE	ITEM CHANGED

CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

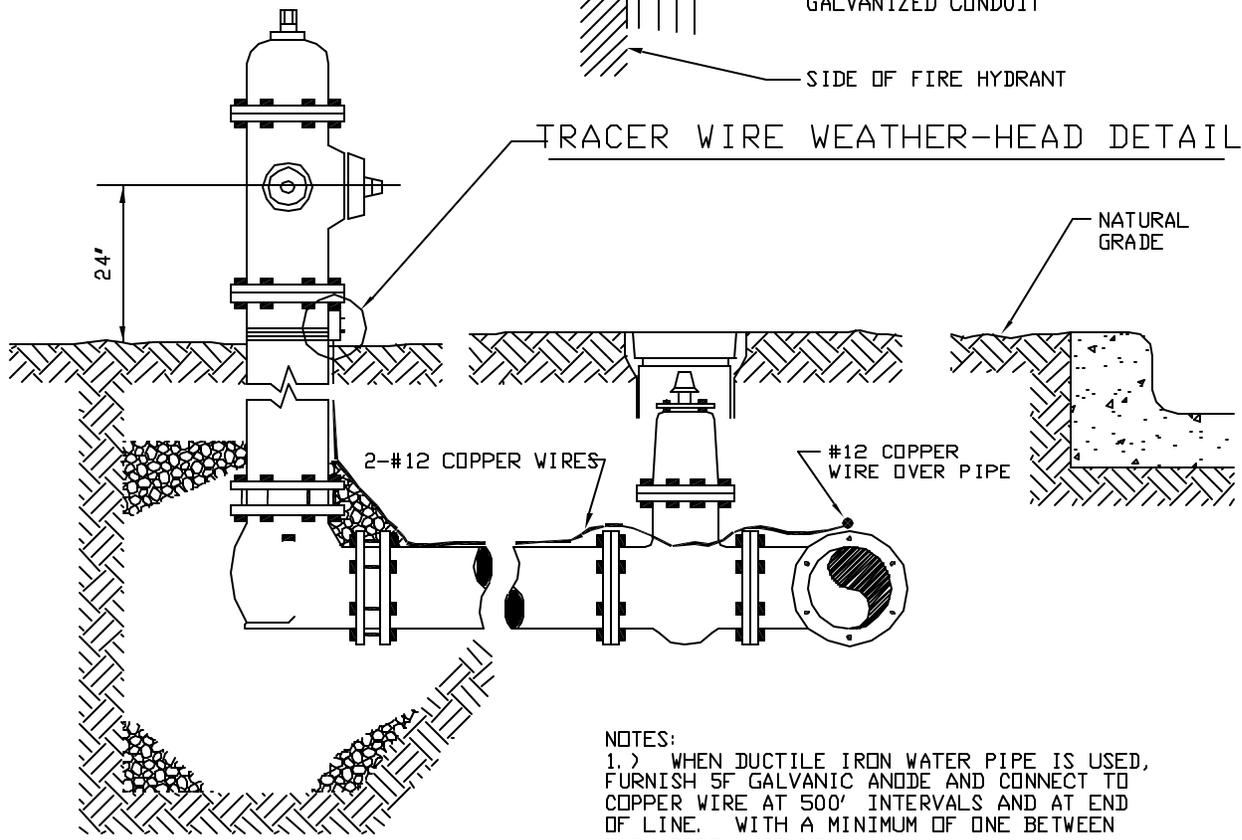
**DETECTOR CHECK W/
 DOMESTIC METER-PIT OPTION**

WATER
 SPECIFICATION NO. 616
 WL-16A PAGE 16A

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 OCT. 1, 1998 2:30 PM BORDEN



TRACER WIRE WEATHER-HEAD DETAIL



- NOTES:
- 1.) WHEN DUCTILE IRON WATER PIPE IS USED, FURNISH 5¢ GALVANIC ANODE AND CONNECT TO COPPER WIRE AT 500' INTERVALS AND AT END OF LINE. WITH A MINIMUM OF ONE BETWEEN EACH FIRE HYDRANT.
 - 2.) WHEN WATER LINE IS ENCASED IN POLYETHYLENE WRAP, TRACER WIRE SHALL BE INSTALLED OUTSIDE OF THE WRAP.
 - 3.) TRACER WIRE SHALL BE PROPERLY SECURED TO THE TOP OF THE PIPE TO PREVENT MOVEMENT WHILE BACKFILLING.
 - 4.) COPPER WIRE SHALL BE #12 AWG SOLID COPPER WITH U. S. E. INSULATION FOR DIRECT BURIAL.

REVISIONS	NO.	DATE	ITEM CHANGED

CITY OF EDMOND
 ENGINEERING DEPARTMENT
 CONSTRUCTION STANDARDS

**TRACER WIRE & WEATHER-
 HEAD FOR WATER LINE**

WATER
 SPECIFICATION NO. 616
 WL-2D PAGE 19A

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 JULY 24, 2008 REEER