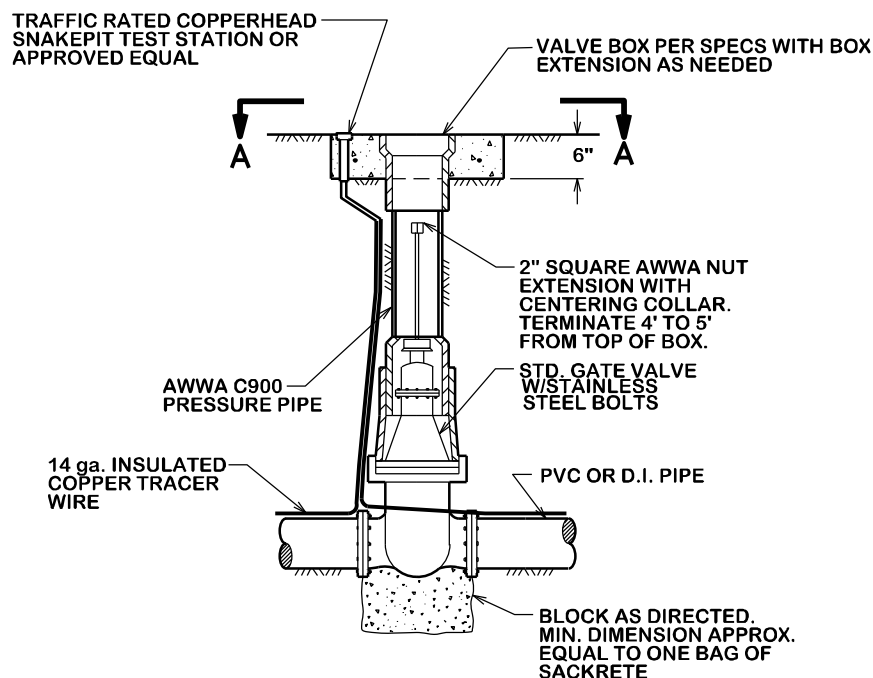


VIEW A - A

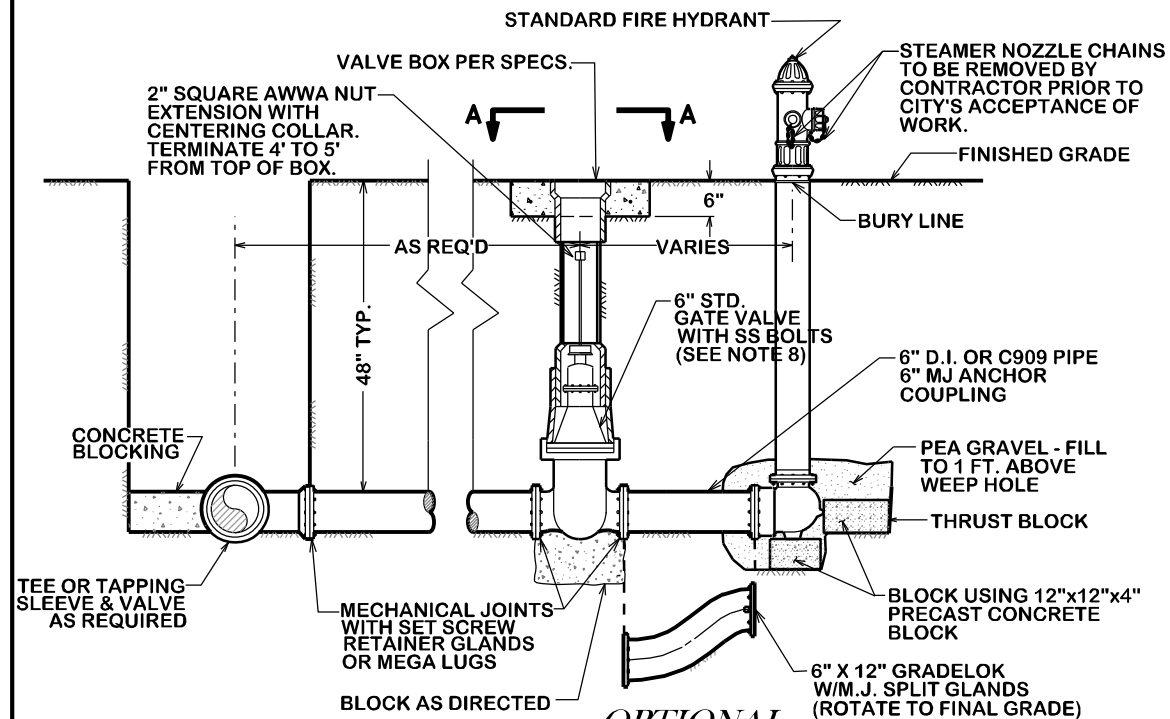


GATE VALVE & BOX

W1-00

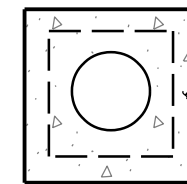
1. VALVE EXTENSION TO BE USED ONLY WHEN TOP OF GATE VALVE IS DEEPER THAN 5 FEET FROM FINISHED GRADE.
2. ALL VALVE OPERATING NUT EXTENSIONS ARE TO BE MADE OF STEEL, SIZED AS NOTED, AND PAINTED WITH TWO (2) COATS OF METAL PAINT.
3. EXTENSIONS SHALL BE A MINIMUM OF ONE (1) FOOT LONG.
4. VALVE BOX LIDS LOCATED ON VALVES TO ISOLATE FIRE SUPPRESSION LINES FROM PUBLIC WATER LINES SHALL BE AMPRO USA, LL562 LOCKABLE LID.

1. FINELY DIVIDED EARTH FREE OF ROCK, LUMPS AND CLODS EXCEEDING 6" SHALL BE PLACED BY HAND, AND COMPACTED AROUND THE CAST IRON PIPE TO A DEPTH OF 12" OVER THE TOP OF THE PIPE BEFORE BACKFILL IS BEGUN BY ANY MECHANICAL EQUIPMENT.
2. ALL CONCRETE BLOCKING SHALL BE - 28 DAY CONCRETE STRENGTH = 2000psi.
3. ALL THRUST BLOCKING SHALL PROVIDE A MINIMUM OF 2 SQUARE FEET OF BEARING AREA OF CONCRETE ON UNDISTURBED SOIL, OR AS DIRECTED BY THE ENGINEER.
4. WATER MAINS WILL NOT BE FULLY PRESSURIZED UNTIL CONCRETE HAS REACHED 7 DAY STRENGTH.
5. ALL PIPE WILL BE LAID SO AS THE ENTIRE BARRELL WILL HAVE FULL BEARING ON THE FINE GRADED TRENCH BOTTOM. BELL HOLES SHALL BE CUT FOR EACH BELL AND FIRE HYDRANT.



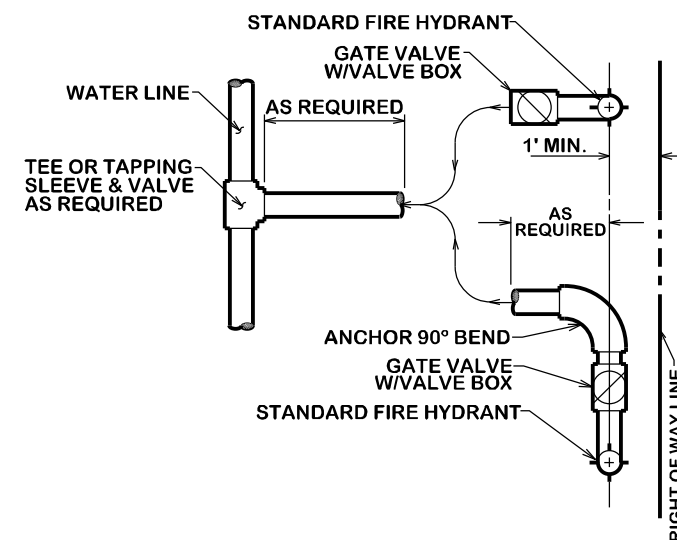
STANDARD FIRE HYDRANT ASSEMBLY

W1-02

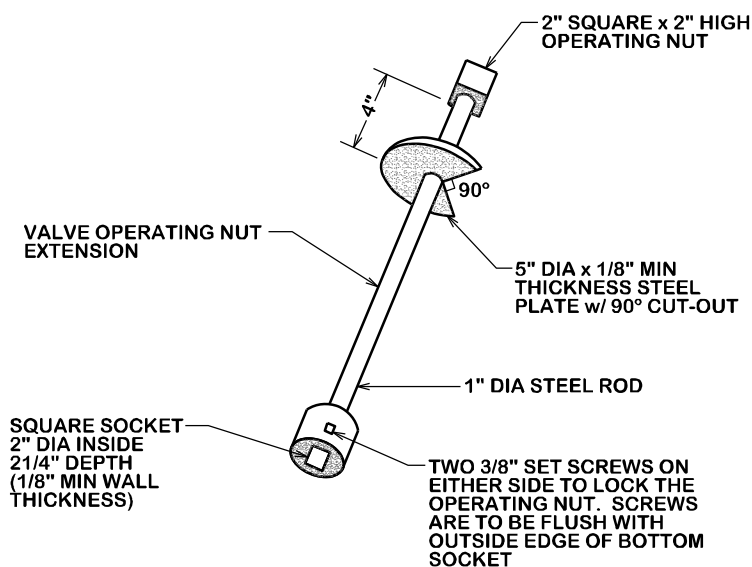


24" X 24" X 6"
28-DAY CONCRETE
STRENGTH = 2000 psi
WITH #4 BAR AROUND
ALL VALVE BOX.

VIEW A - A

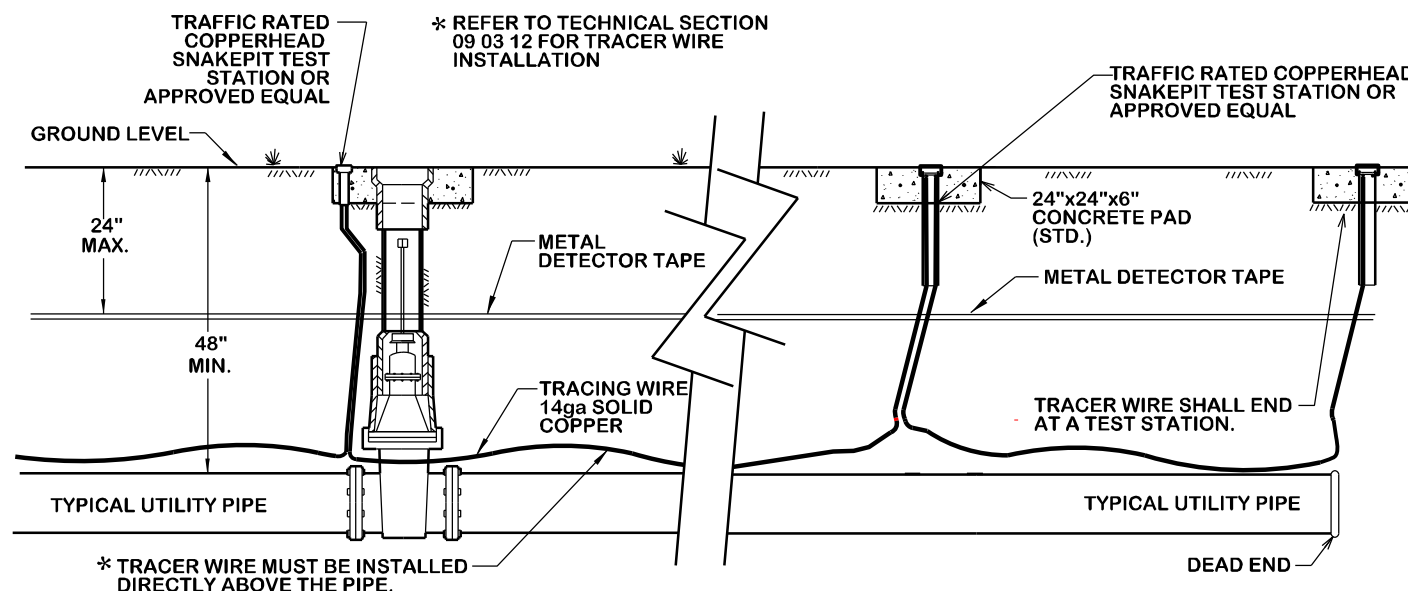


FIRE HYDRANT LOCATION
REALIGN AS NEEDED

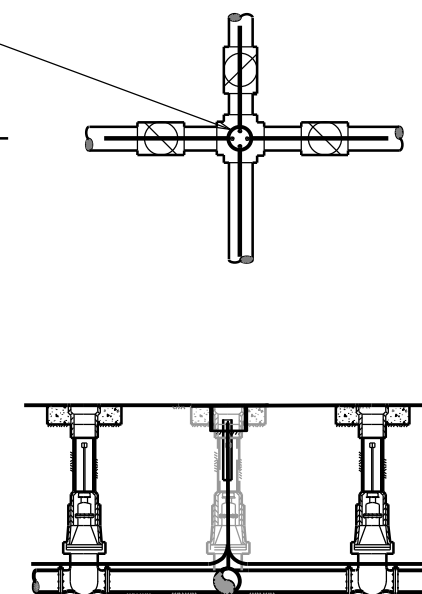


GATE VALVE EXTENSION

W1-01



UTILITY PIPE LOCATION MATERIALS



W1-03

U

BRYAN - COLLEGE STATION STANDARD WATER DETAILS



CITY OF BRYAN
The Good Life. Texas Style.

DRAWN BY: C.L.M.

DATE: 08-01-12

SCALE: N T S

APPROVED: W.P.J.

FIGURE

W1

SHEET 1 OF 7

THRUST BLOCK NOTES:

- 1. ALL CALCULATIONS ARE BASED ON INTERNAL PRESSURE OF 200 psi FOR 24" AND SMALLER INNER DIAMETER PIPE.
- 2. ALL BEARING SURFACES OF THRUST BLOCKS SHALL BE PLACED AGAINST UNDISTURBED EARTH OR ROCK.
- 3. CONCRETE FOR BLOCKING SHALL BE 2000 psi.
- 4. DIMENSIONS MAY BE VARIED AS REQUIRED BY FIELD WHERE AND AS DIRECTED BY THE ENGINEER. THE VOLUME OF CONCRETE BLOCKING SHALL NOT BE LESS THAN SHOWN HERE.
- 5. WATER MAIN SHALL NOT BE PRESSURIZED UNTIL ALL CONCRETE BLOCKING HAS REACHED 1500 psi.

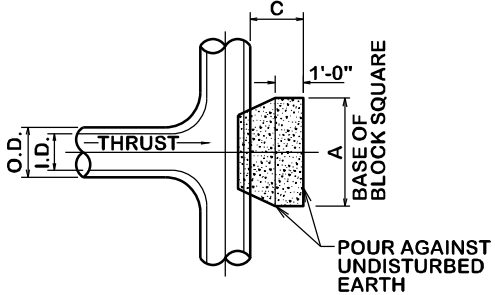
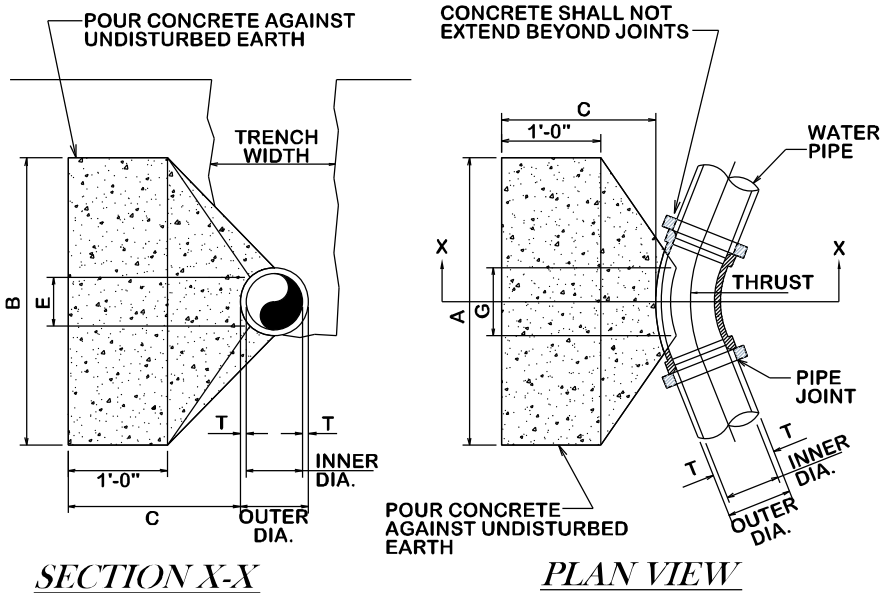
TEE SCHEDULE					
ID (in)	THRUST (tons)	C (ft)	A (ft)	VOLUME (c.y.)	
4,6,8	5.1	1.5	2.5	0.3	
10,12	11.3	1.5	3.5	0.6	

NOTE:
USE POLYETHYLENE WRAP OR EQUAL BETWEEN CONCRETE & PLUG TO PREVENT CONCRETE FROM STICKING TO PLUG.

HORIZONTAL THRUST BLOCK SCHEDULE

BEND	SIZE	A (ft)	B (ft)	C (ft)	E (ft)	G (ft)	VOLUME (c.y.)
90°	6,8"	5.0	1.5	1.5	0.9	2.7	0.4
	10,12"	6.5	2.5	1.5	1.2	4.0	1.0
45°	6,8"	2.0	2.0	1.5	0.9	1.5	0.2
	10,12"	3.5	2.5	1.5	1.2	2.2	0.5
22.5°	6,8"	1.5	1.5	1.5	0.9	0.8	0.1
	10,12"	2.0	2.5	1.5	1.2	1.1	0.3
11.25°	6,8"	1.0	1.5	1.5	0.9	0.4	0.1
	10,12"	1.5	1.5	1.5	1.2	0.6	0.1

THRUST BLOCK DETAILS

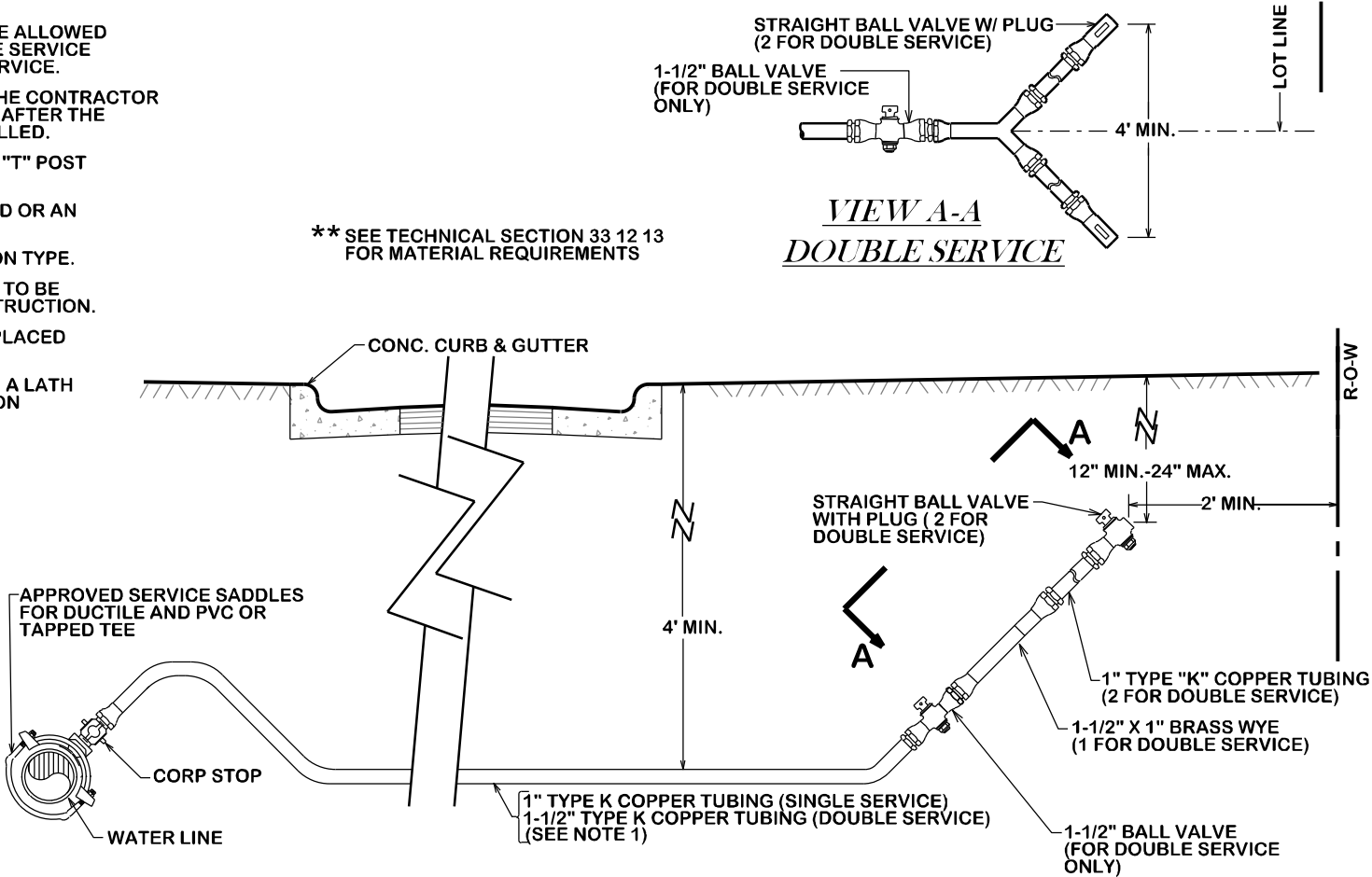


TYPICAL HORIZONTAL THRUST BLOCK

W2-00

NOTES:

- 1. NO SPLICES IN COPPER TUBING WILL BE ALLOWED FOR SINGLE SERVICE OR BETWEEN THE SERVICE SADDLE AND THE WYE FOR DOUBLE SERVICE.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESSURE TEST LINE IMMEDIATELY AFTER THE STREET CROSSINGS HAVE BEEN INSTALLED.
- 3. MARK EACH SERVICE END WITH METAL "T" POST PAINTED BLUE.
- 4. MATERIAL USED SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.
- 5. ALL CONNECTIONS TO BE COMPRESSION TYPE.
- 6. ALL SERVICE WYES & EXTENSIONS ARE TO BE INSTALLED WITH THE MAIN LINE CONSTRUCTION.
- 7. METERS AND VALVE BOXES SHALL BE PLACED BY THE CITY UPON PAYMENT OF FEE.
- 8. LOT CORNERS SHALL BE MARKED WITH A LATH UNDER THE SUPERVISION F A RPLS UPON COMPLETION OF CONSTRUCTION.

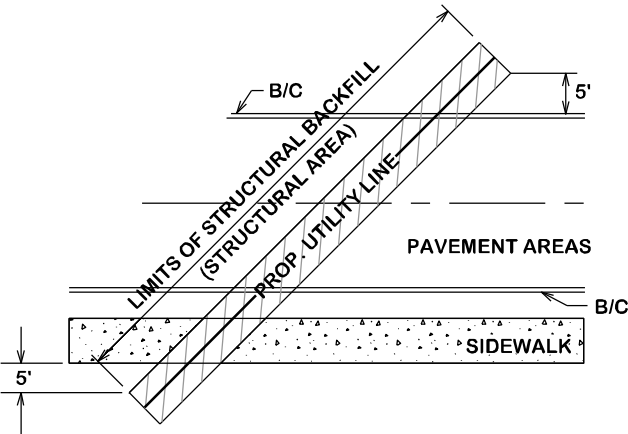


NEW WATER SERVICE

(SHORT AND LONG SIDE)

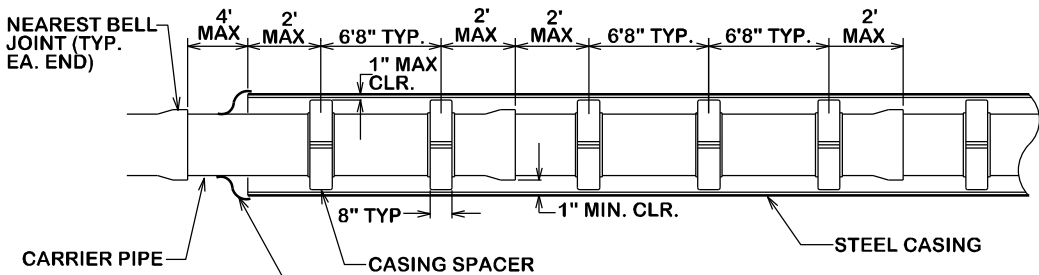
W2-01

STRUCTURAL BACKFILL AREA INCLUDES ALL PAVED AREAS (SIDEWALKS, STREETS, ALLEYS, DRIVEWAYS AND PARKING AREAS) AND SHALL EXTEND 5' BEYOND THE CURB LINE. STRUCTURAL BACKFILL SHALL BE CEMENT STABILIZED (SEE DETAIL W4-02 - AREASTO BE PAVED) OR EXCAVATED SOIL COMPACTED TO 98% MAXIMUM DRY DENSITY AS PER ASTM D698 WITHIN OPTIMUM TO +4% WET OF OPTIMUM (SEE DETAIL W4-02 - NON-STRUCTURAL AREAS)

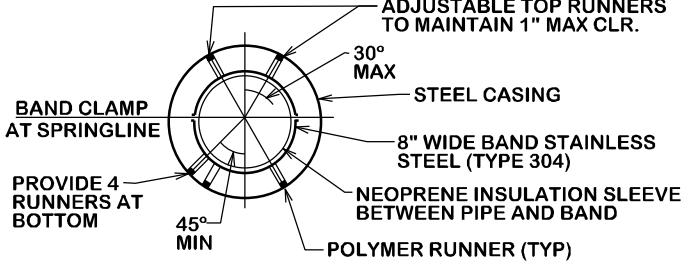


STRUCTURAL BACKFILL AREA

W2-02



NOTE: CASING SPACERS 4-RUNNER MIN. (THRU 24\"/>



CASING DETAIL

W2-03

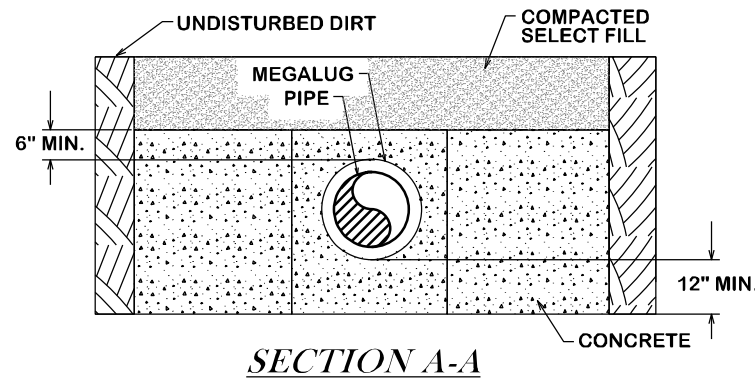
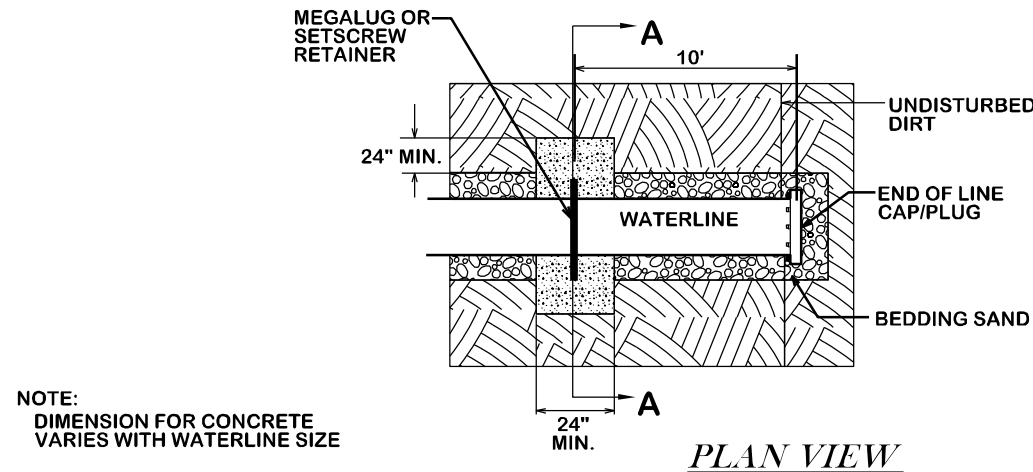
REVISIONS

BRYAN - COLLEGE STATION
STANDARD WATER DETAILS



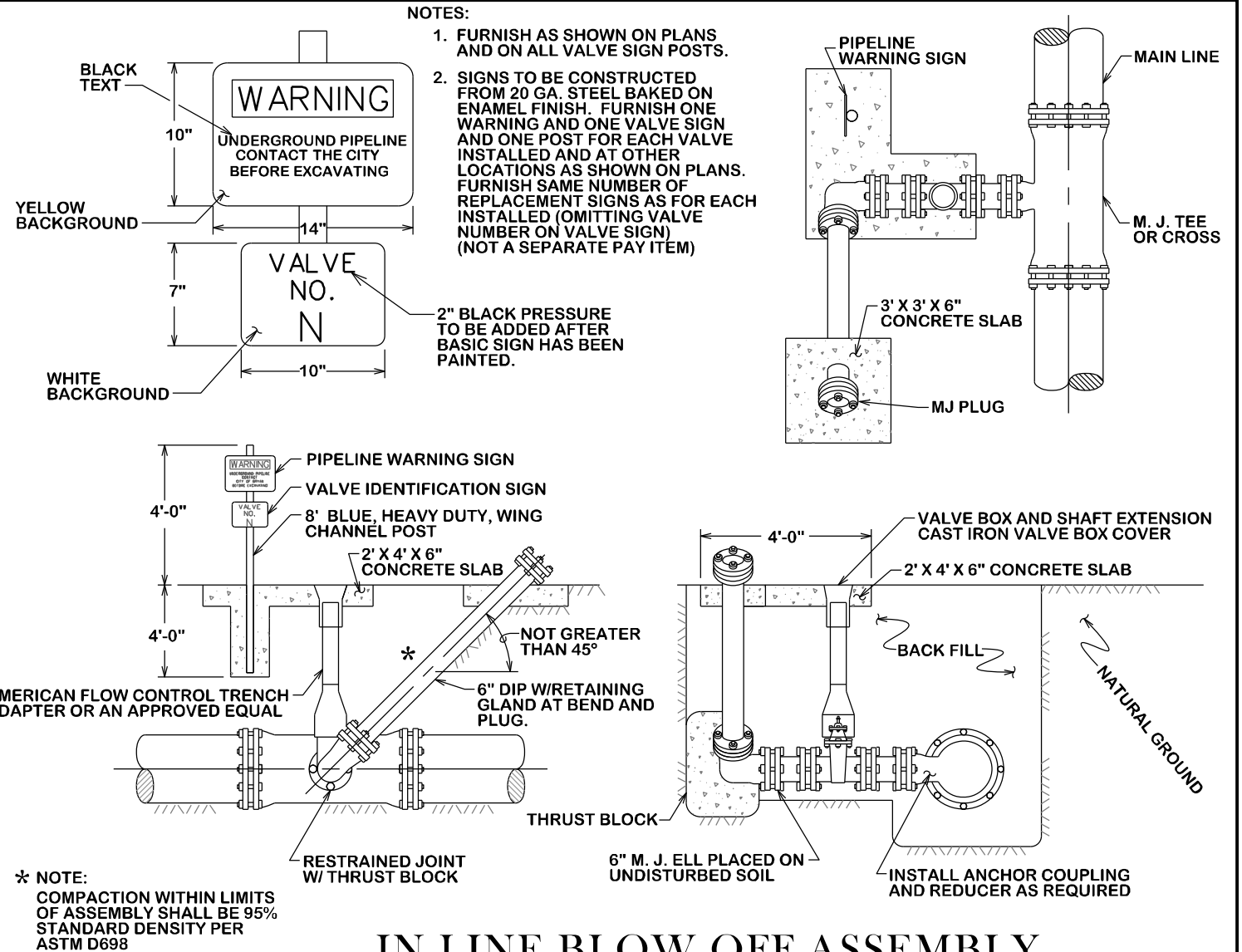
DRAWN BY: C.L.M.
DATE: 08-01-12
SCALE: N T S
APPROVED: W.P.K.
FIGURE:

W2
SHEET 2 OF 7



END OF LINE BLOCKING

W3-00

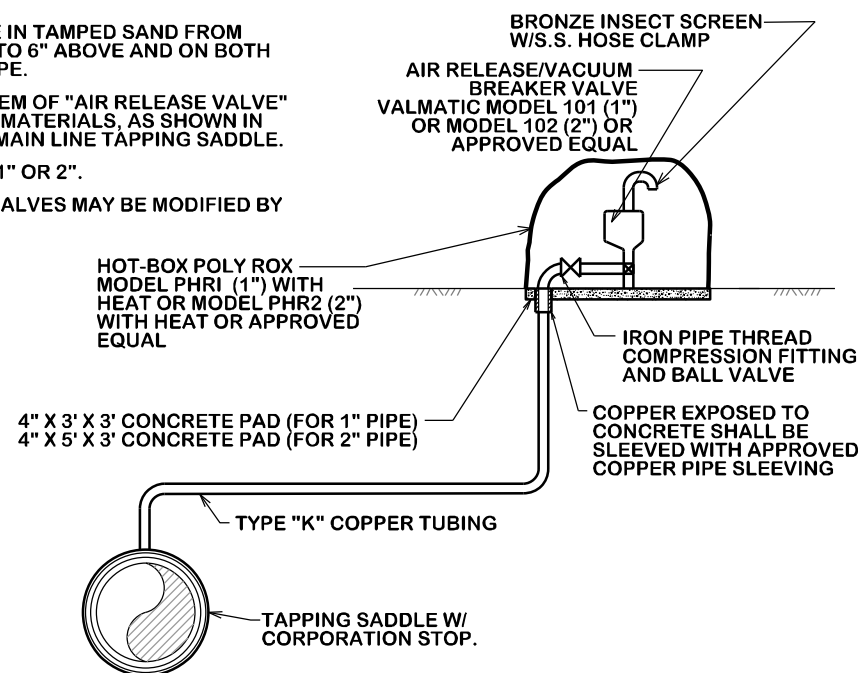


IN-LINE BLOW OFF ASSEMBLY

W3-01

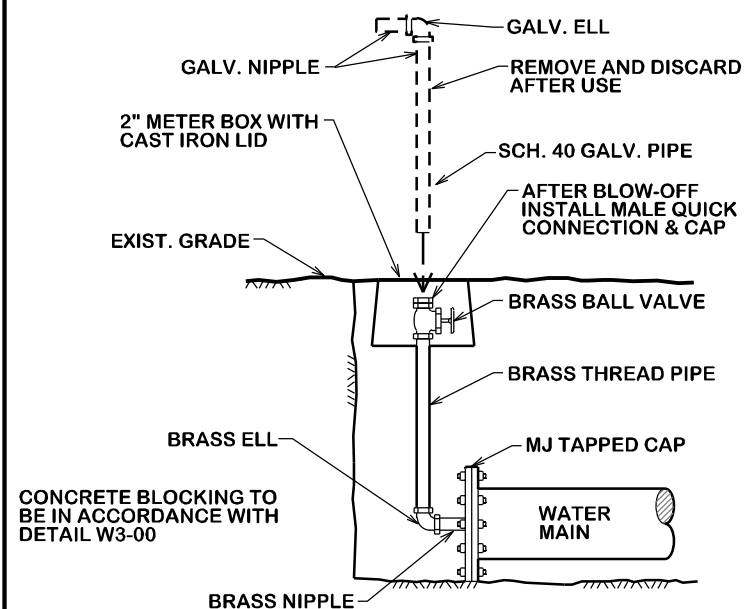
NOTE:

1. EMBED COPPER LINE IN TAMPED SAND FROM UNDISTURBED SOIL TO 6\"/>



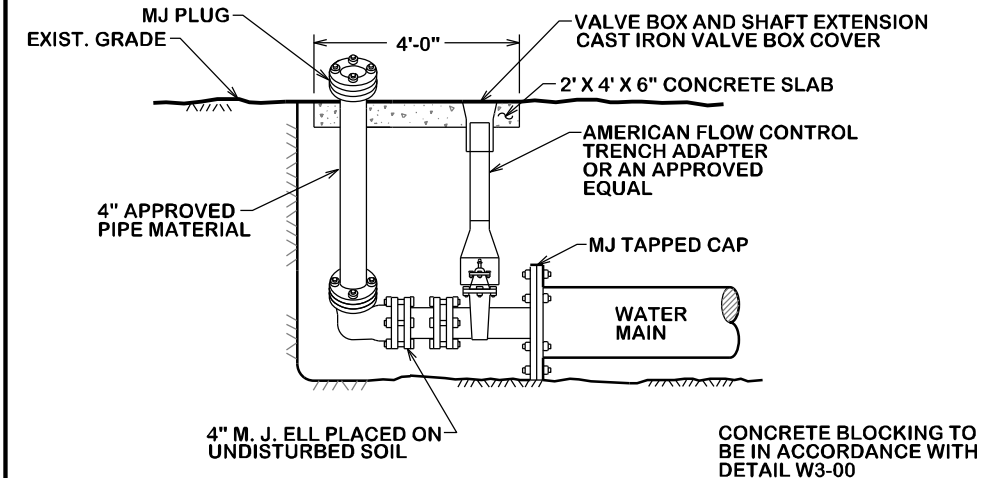
AIR RELEASE VALVE & VACUUM CHECK VALVE

W3-02



2\"/>

W3-03



4\"/>

W3-04

REVISIONS

BRYAN - COLLEGE STATION
STANDARD WATER DETAILS

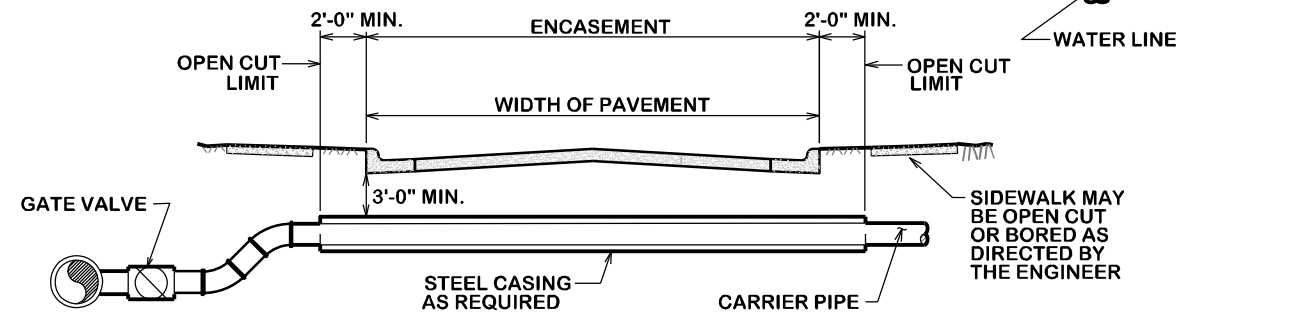


DRAWN BY: C.L.M.
DATE: 08-01-12
SCALE: N T S
APPROVED: W.P.K.
FIGURE:

W3
SHEET 3 OF 7

NOTE:

- 1. FOR MORE INFORMATION ON WATER AND SEWER LINE CROSSING SEE CITY STANDARD SPECIFICATION FOR WATER AND SEWER LINE CONSTRUCTION
- 2. STEEL CASING SHALL BE AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS.
- 3. DRY BORING PREFERRED, WET BORING ALLOWED ONLY WHEN APPROVED BY THE CITY ENGINEER.
- 4. PIPE CROSSING A ROADWAY SHALL BE INSTALLED ABOVE THE MAIN IT TIES INTO WITH A BEND SUCH THAT THE CARRIER PIPE CAN BE PULLED ABOVE THE PARALLEL MAIN.

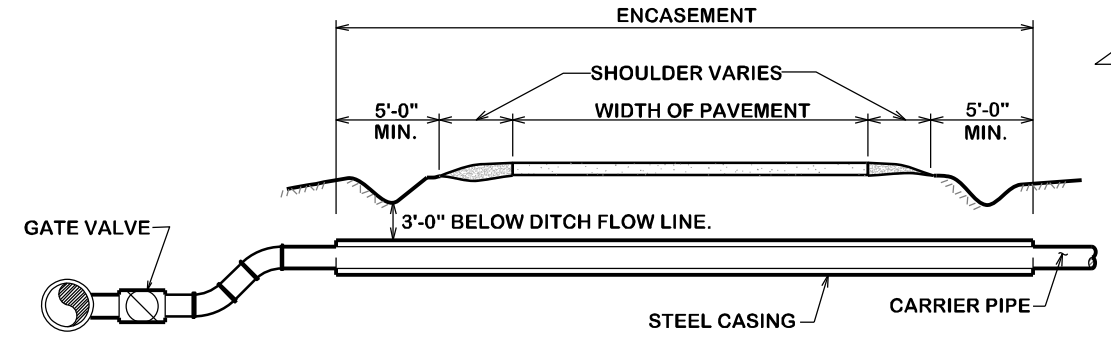


TYPICAL URBAN CITY STREET CROSSING

W4-00

NOTE:

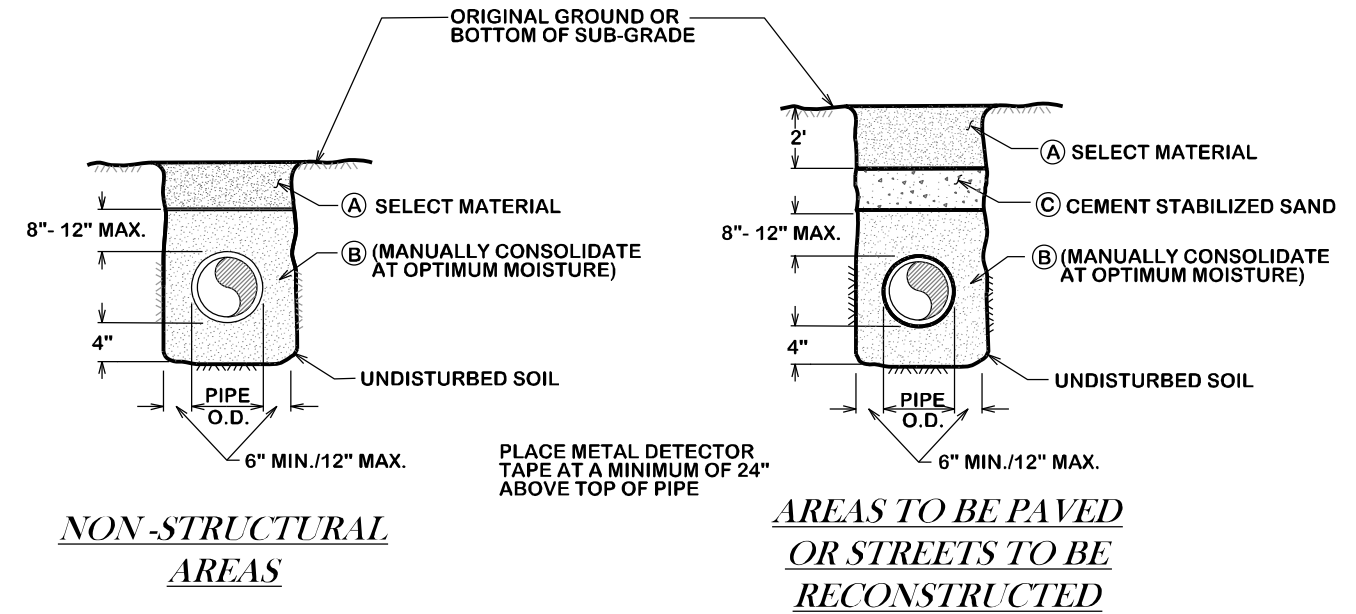
- 1. FOR MORE INFORMATION ON WATER AND SEWER LINE CROSSING SEE CITY STANDARD SPECIFICATION FOR WATER AND SEWER LINE CONSTRUCTION
- 2. STEEL CASING SHALL BE AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS.
- 3. DRY BORING IS REQUIRED.
- 4. PIPE CROSSING A ROADWAY SHALL BE INSTALLED ABOVE THE MAIN IT TIES INTO WITH A BEND SUCH THAT THE CARRIER PIPE CAN BE PULLED ABOVE THE PARALLEL MAIN.



TYPICAL RURAL STREET CROSSING

W4-01

- A SELECT MATERIAL**
MATERIAL EXCAVATED FROM THE DITCH, (WHICH IS FREE OF ROCKS, LUMPS, CLODS, OR DEBRIS LARGER THAN TWO (2) INCHES IN THE LARGEST DIMENSION), COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D698 (STANDARD) AT A MOISTURE CONTENT WITHIN OPTIMUM TO +4% OF OPTIMUM UNDER NON-STRUCTURAL AREAS (ie...YARDS, PASTURES, EASEMENTS) AND TO A MINIMUM OF 98% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D698 (STANDARD) AT A MOISTURE CONTENT WITHIN OPTIMUM TO +4% OF OPTIMUM UNDER NEW STREET AREAS AND STREETS TO BE RECONSTRUCTED.
- B GRANULAR MATERIAL**
MATERIAL SHALL BE BANK RUN RIVER SAND WHICH IS FREE OF DETRIMENTAL QUANTITIES OF CLAY, DEBRIS, OR ORGANIC MATERIAL AND WHICH, WHEN TESTED BY STANDARD LABORATORY METHODS, MEET THE FOLLOWING REQUIREMENTS:
MAXIMUM LIQUID LIMIT 45
MAXIMUM PLASTICITY INDEX 15
MAXIMUM PERCENT PASSING NO. 200 SIEVE 35
MINIMUM PERCENT PASSING 3/4" SIEVE 100
THE MATERIAL SHALL BE FREE FLOWING AND WHEN WET, SHALL NOT ADHERE TO FORM A BALL WHEN PRESSED IN THE HAND.
- C CEMENT STABILIZED SAND**



BEDDING AND TRENCH FOR DI PIPE & PVC PIPE

W4-02

NOTES:

- 1. FOR BEDDING AND TRENCHING WITHIN ALL EXISTING PAVED AREAS, SEE DETAILS FOR OPEN CUT STREETS. (Details ST4-00, ST4-01, ST4-02). THIS NOTE DOES NOT APPLY TO STREETS BEING RECONSTRUCTED.
- 2. EVERY 100 FEET PROVIDE A WATER STOP BLOCK COMPOSED OF CEMENT SAND OR NATIVE MATERIAL DEPENDING ON EMBEDMENT. BLOCK SHALL BE 6 FEET IN LENGTH. NO BEDDING SAND IN THIS AREA.
- 3. ALL BEDDING & INSTALLATION OF PVC PIPE SHALL BE IN ACCORDANCE WITH ANSI/AWWA STANDARDS FOR PVC PIPE.
- 4. ALL BEDDING & INSTALLATION OF DUCTILE IRON PIPE SHALL BE IN ACCORDANCE WITH ANSI/AWWA C150/A21.50
- 5. COMPACTION SHALL BE ATTAINED BY MECHANICAL TAMPING.
- 6. RELATIVE COMPACTION SHALL BE TESTED IN THE PRESENCE OF THE CITY ENGINEER.
- 7. DUST RESULTING FROM THE CONTRACTOR'S PERFORMANCE OF THE WORK, EITHER INSIDE OR OUTSIDE THE RIGHT-OF-WAY, SHALL BE CONTROLLED BY THE CONTRACTOR.
- 8. ALL TRENCHES SHALL BE BACK FILLED AND TEMPORARY PAVING OR PLATING PLACED AT THE END OF EACH WORKING DAY.

GENERAL NOTES:

ALL AREAS WHERE EXISTING VEGETATION AND GRASS COVER HAVE BEEN BARED BY CONSTRUCTION SHALL BE ADEQUATELY BLOCK SODDED OR HYDROMULCHED AND WATERED UNTIL GROWTH IS ESTABLISHED. IN DEVELOPED AREAS WHERE GRASS IS PRESENT, BLOCK SOD WILL BE REQUIRED. BARED AREAS SHALL BE SEEDED OR SODDED WITHIN 14 CALENDAR DAYS OF LAST DISTURBANCE.

APPROVED EROSION CONTROL MEASURES MUST BE INSTALLED DURING THE ENTIRE TIME THAT EARTH HAS BEEN BARED BY CONSTRUCTION AND SHALL STAY IN PLACE UNTIL ACCEPTABLE VEGETATIVE GROWTH IS ESTABLISHED AFTER CONSTRUCTION IS COMPLETE AND THEN REMOVED BY CONTRACTOR.

ALL EROSION CONTROL MEASURES SHOULD BE CLEANED OF SILT AFTER EVERY RAIN.

ESTABLISHMENT OF VEGETATION MAY BE A WARRANTY ITEM.

REVISIONS

BRYAN - COLLEGE STATION
STANDARD WATER DETAILS



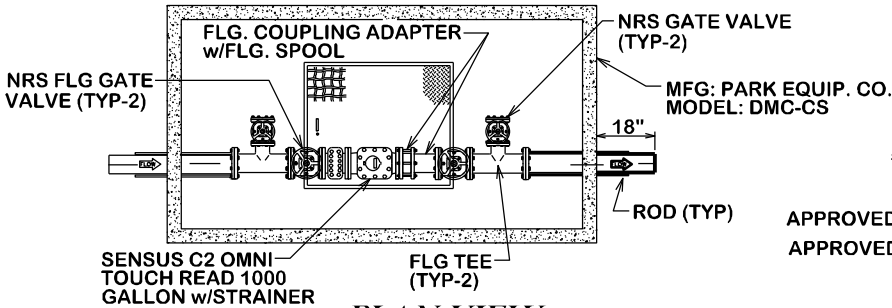
DRAWN BY: C.L.M.
DATE: 08-01-12
SCALE: N T S
APPROVED: W.P.K.
FIGURE:
W4
SHEET 4 OF 7



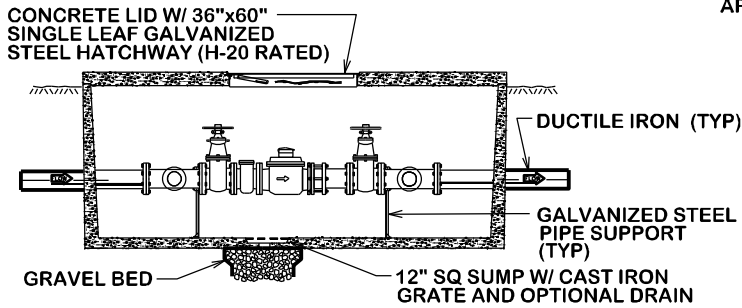
SPECIAL CONDITIONS

- 1. METER REGISTER SHALL BE NO DEEPER THAN 12 INCHES BELOW FINISHED GRADE.
- 2. FLOOR OF VAULT WILL BE A MINIMUM OF 6 INCHES FROM BOTTOM OF ANY PIPING APPARATUS OR METER WITHIN THE VAULT.
- 3. REINFORCED CONCRETE VAULT BASE (FLOOR) SHALL BE CONSTRUCTED USING A STANDARD FIVE SACK CONCRETE MIX AND REINFORCING COMPRISED OF #3 REBAR ON 12 INCH CENTERS WITH A MINIMUM BASE THICKNESS OF 6 INCHES.
- 4. SET SCREW RETAINER GLANDS SHALL BE INSTALLED AT EACH FITTING ON MECHANICAL JOINT PIPE.
- 5. VALVES SHALL MEET THE CITY SPECIFICATIONS FOR VALVES.
- 6. THERE SHALL BE NO PIPING UNDER THE FLOOR OF THE VAULT.

MODEL	SIZE	L1	W1	H1	WEIGHT LBS
DMC-CS3	3"	8'-8"	5'-0"	4'-6"	12,000
DMC-CS4	4"	8'-8"	5'-0"	4'-6"	12,000
DMC-CS6	6"	11'-0"	6'-0"	4'-9"	12,000



PLAN VIEW



ELEVATION VIEW

APPROVED 3" OR LARGER COMPOUND
METERS, VAULTS & MATERIALS

APPROVED METERS - SENSUS SRH (U. S. GALLONS)

APPROVED VAULTS - PARK DMC-BR
PRE-CAST CONCRETE
VAULT W/ ADEQUATE
ACCESS AND VAULT
DIMENSIONS FOR METER
SELECTED

APPROVED MATERIALS - DUCTILE IRON PIPE WITH
MECHANICAL JOINT. SET SCREW
RETAINER GLANDS WILL BE
BASED ON ALL M.J. FITTINGS.

ANY DEVIATIONS FROM THE ABOVE SPECIAL
CONDITIONS OR APPROVED METERS, VAULTS
OR MATERIALS MUST BE SUBMITTED TO THE
DIVISION MANAGER, WATER SERVICES, 72 HOURS
PRIOR TO ANTICIPATED DEVIATION.

CITY OF COLLEGE STATION
METER VAULT ASSEMBLY

W5-00

NOTES:

- ① Service saddle, SS straps, CC threads
Installed per manufacturer's
recommendations. All main types:
Smith Blair 317

② Corporation Stop: Ford FB 1000-4-Q - 1"

③ Service tubing: Type K copper - soft - 1"

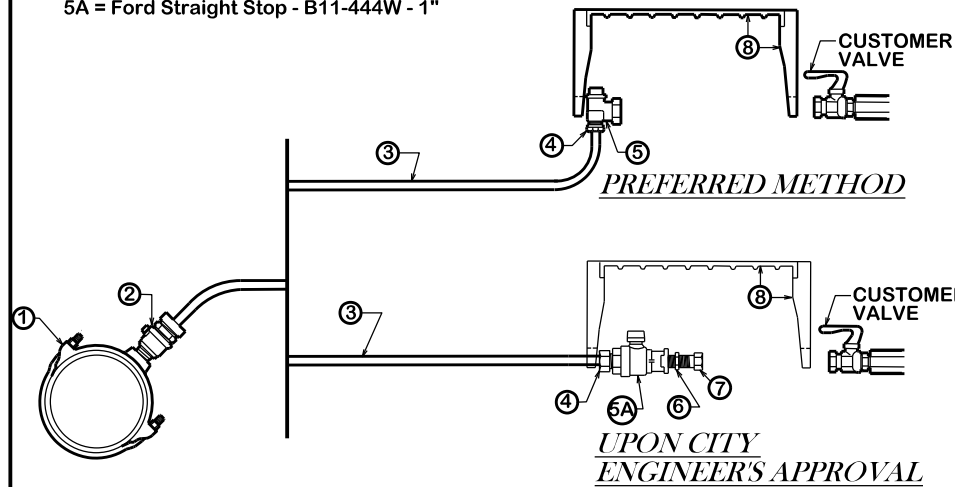
④ Ford male adapter - C84-44-Q - 1"

⑤ Meter box valve:
5 = Ford Angle Stop - BA-11-444W - 1"
5A = Ford Straight Stop - B11-444W - 1"

⑥ Brass bushing IPS - 1" x 3/4"

⑦ Meter nipple - C38-23-2-5 - 3/4"

⑧ Meter box and lid: Old Castle meter box,
CI lid with Reader #36



CITY OF BRYAN
STRAIGHT OR ANGLE TAP-3/4"

W6-00

NOTES:

- ① Service saddle, SS straps, CC threads
Installed per manufacturer's
recommendations. All main types:
Smith Blair 317

② Corporation Stop: Ford FB 1000-4-Q - 1"

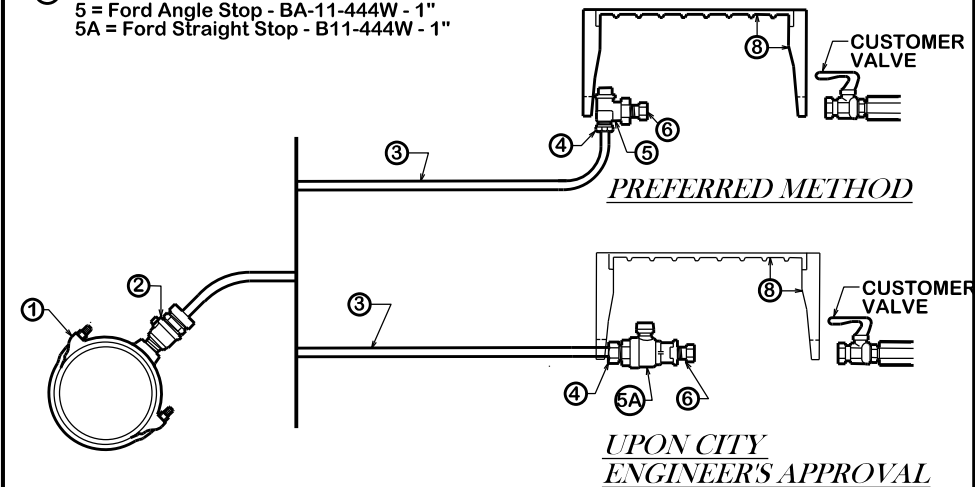
③ Service tubing: Type K copper - soft - 1"

④ Ford male adapter - C84-44-Q - 1"

⑤ Meter box valve:
5 = Ford Angle Stop - BA-11-444W - 1"
5A = Ford Straight Stop - B11-444W - 1"

⑥ Meter nipple - C38-44-2-625 - 1"

⑧ Meter box and lid: Old Castle meter box,
CI lid with Reader #36



CITY OF BRYAN
STRAIGHT OR ANGLE TAP - 1"

W6-01

NOTES:

- ① Service saddle, SS straps, CC threads
Installed per manufacturer's
recommendations. All main types:
Smith Blair 317

② Corporation Stop: Ford FB 1000-6-Q - 1-1/2"

③ Service tubing: Type K copper - soft - 1-1/2"

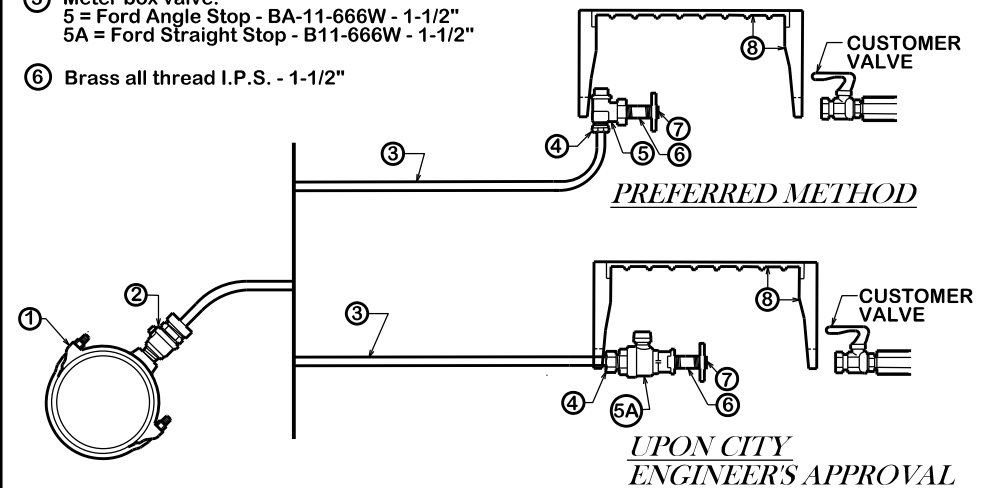
④ Ford male adapter - C84-66-Q - 1-1/2"

⑤ Meter box valve:
5 = Ford Angle Stop - BA-11-666W - 1-1/2"
5A = Ford Straight Stop - B11-666W - 1-1/2"

⑥ Brass all thread I.P.S. - 1-1/2"

⑦ Meter Flange - CF31-66 - 1-1/2"

⑧ Meter box and lid: Old Castle meter box,
CI lid with Reader #65



CITY OF BRYAN
STRAIGHT OR ANGLE TAP-1-1/2"

W6-02

NOTES:

- ① Service saddle, SS straps, CC threads
Installed per manufacturer's
recommendations. All main types:
Smith Blair 317

② Corporation Stop: Ford FB 1000-7-Q
(cc thread) - 2"

③ Service tubing: Type K copper - cu - soft - 2"

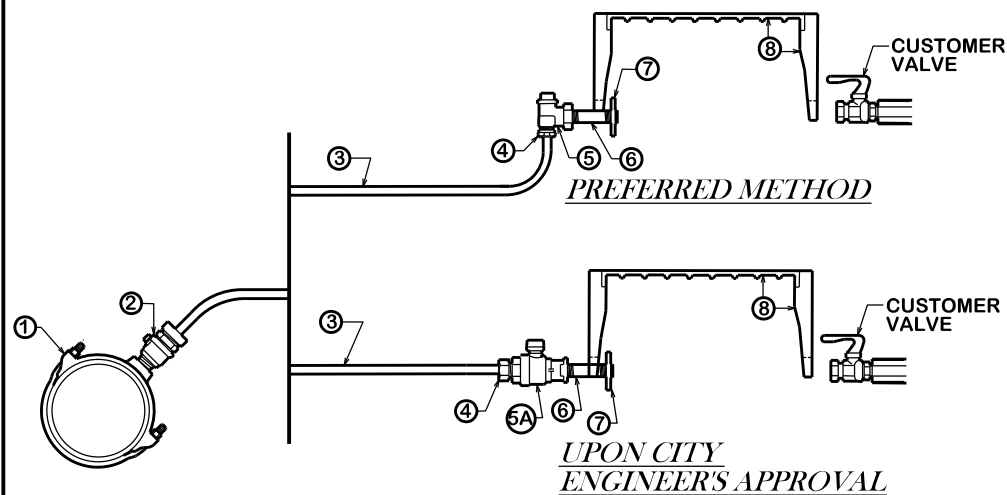
④ Ford male adapter - C84-77-Q - 2"

⑤ Meter box valve:
5 = Ford Angle Stop - BA-11-777W - 2"
5A = Ford Straight Stop - B11-777W - 2"

⑥ Brass nipple I.P.S. - 2" x 3"

⑦ Meter Flange - CF31-77 - 2"

⑧ Meter box and lid: Old Castle meter box,
CI lid with Reader #36



CITY OF BRYAN
STRAIGHT OR ANGLE TAP - 2"

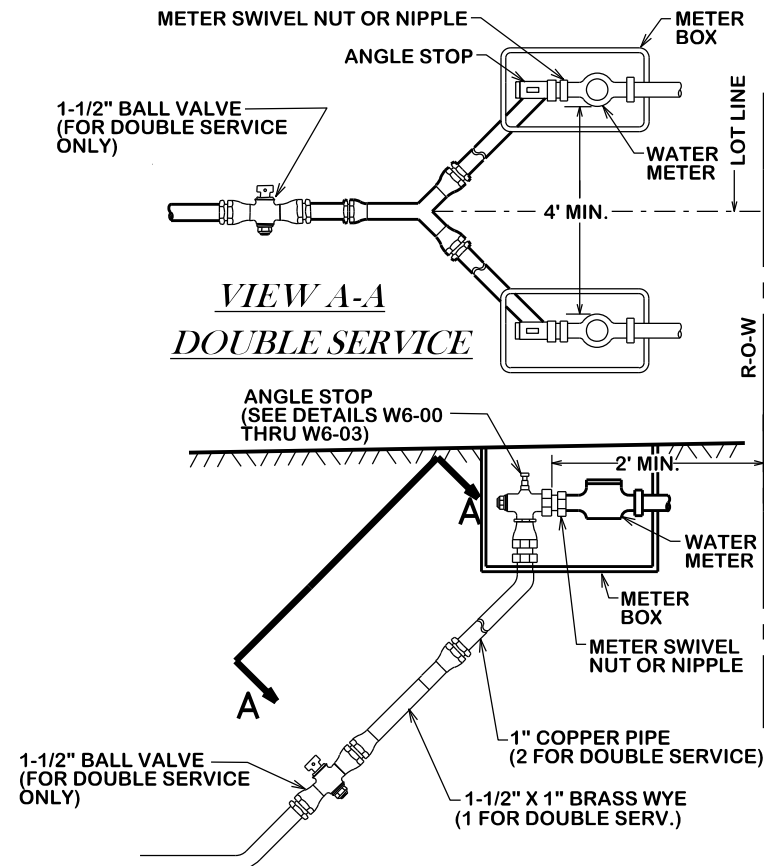
W6-03

NOTES:

- ALL CONNECTIONS TO BE COMPRESSION TYPE.
- MATERIAL USED SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.
- ALL SERVICE WYES & EXTENSIONS ARE TO BE INSTALLED WITH THE MAIN LINE CONSTRUCTION.
- EXISTING METER BOXES ARE TO BE REMOVED. THE NEW METER BOXES SHALL BE OLD CASTLE.
- ANGLE STOPS MAY BE USED FOR NEW CONSTRUCTION IF FINISHED ELEVATION IS KNOWN. THE STOP MUST BE INSTALLED 10"-12" BELOW THE FINISHED ELEVATION.

METER NUT SIZE	FORD PART NO.
3/4" x 2.5" Long	C38-23-2-5
3/4" x 3" Long	C38-23-3
3/4" x 12" Long	C38-23-12
1" x 2.625" Long	C38-44-2-625
1" x 8.5" Long	C38-44-8-5
1-1/2" Meter Nipple	C38-66-2-875
1-1/2" Meter Bushing	BBIM-66
2" Meter Nipple	C38-77
2" Meter Bushing	BBIM-77

CITY OF BRYAN
WATER SERVICE RECONNECTION



W6-04

REVISIONS:
7/1/2016 - Details W6-00 thru W6-04
Accepted for use by COB

BRYAN - COLLEGE STATION
STANDARD WATER DETAILS

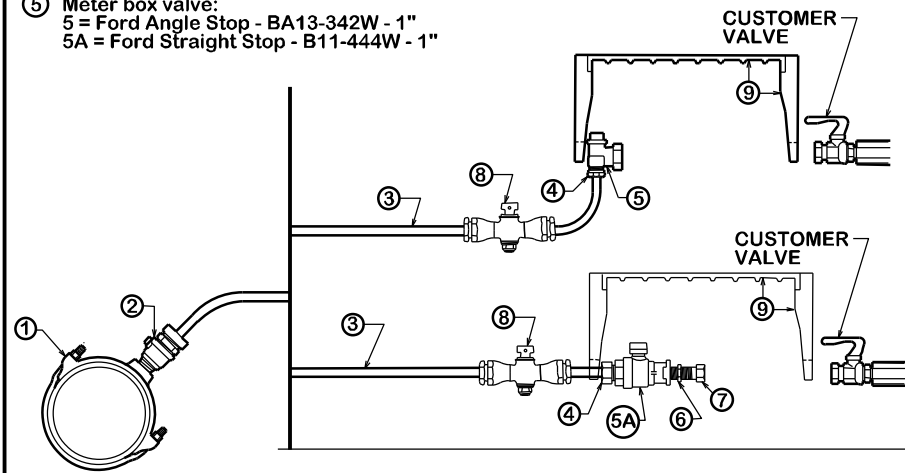


DRAWN BY: C.L.M.
DATE: 08-01-12
SCALE: N T S
APPROVED: W.P.K.
FIGURE:

W6
SHEET 6 OF 7

NOTES:

- ① Service saddle, SS straps, CC threads installed per manufacturer's recommendations. All main types: Cambridge 800 Series or Ford S70/S90
- ② Corporation Stop: Ford FB 1000-4- 1"
- ③ Service tubing: Type K copper - soft - 1"
- ④ Ford male adapter - C84-44- 1"
- ⑤ Meter box valve:
5 = Ford Angle Stop - BA13-342W - 1"
5A = Ford Straight Stop - B11-444W - 1"
- ⑥ Brass bushing IPS - 1" x 3/4"
- ⑦ Meter nipple - C38-23-2-5 - 3/4"
- ⑧ Ball valve
- ⑨ Meter box and lid: Old Castle meter box, CI lid with Reader #36

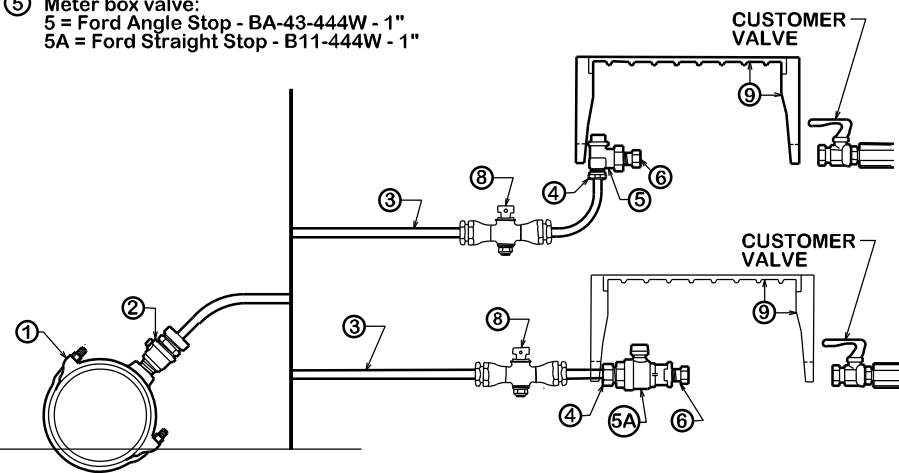


CITY OF COLLEGE STATION
STRAIGHT OR ANGLE TAP - 3/4"

W7-00

NOTES:

- ① Service saddle, SS straps, CC threads installed per manufacturer's recommendations. All main types: Cambridge 800 Series or Ford S70/S90
- ② Corporation Stop: Ford FB 1000-4- 1"
- ③ Service tubing: Type K copper - soft - 1"
- ④ Ford male adapter - C84-44- 1"
- ⑤ Meter box valve:
5 = Ford Angle Stop - BA-43-444W - 1"
5A = Ford Straight Stop - B11-444W - 1"
- ⑥ Meter nipple - C38-44-2-625 - 1"
- ⑧ Ball valve
- ⑨ Meter box and lid: Old Castle meter box, CI lid with Reader #36

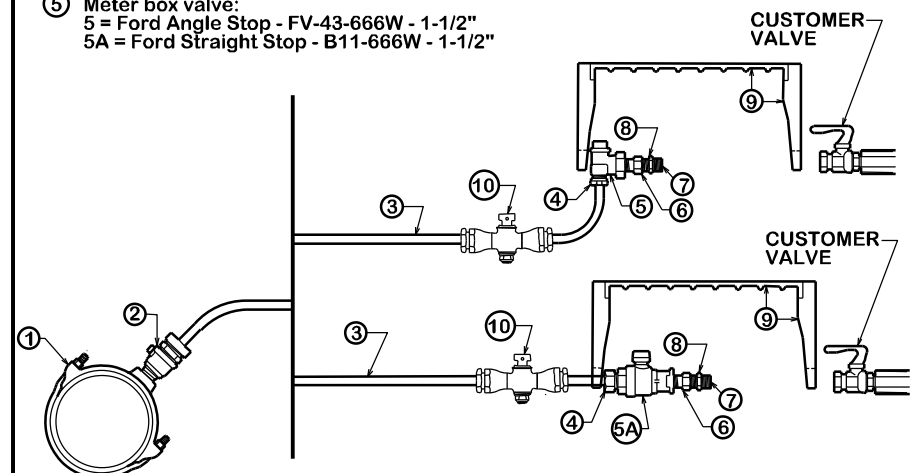


CITY OF COLLEGE STATION
STRAIGHT OR ANGLE TAP - 1"

W7-01

NOTES:

- ① Service saddle, SS straps, CC threads installed per manufacturer's recommendations. All main types: Cambridge 800 Series or Ford S70/S90
- ② Corporation Stop: Ford FB 1000-6- 1-1/2"
- ③ Service tubing: Type K copper - soft - 1-1/2"
- ④ Ford male adapter - C84-66- 1-1/2"
- ⑤ Meter box valve:
5 = Ford Angle Stop - FV-43-666W - 1-1/2"
5A = Ford Straight Stop - B11-666W - 1-1/2"
- ⑥ Swivel nut - C38-66-2-875 - 1-1/2"
- ⑦ Brass all thread I.P.S. - 1-1/2"
- ⑧ Meter adapter - BBIM 66 - 1-1/2"
- ⑨ Meter box and lid: Old Castle meter box, CI lid with Reader #65
- ⑩ Ball valve

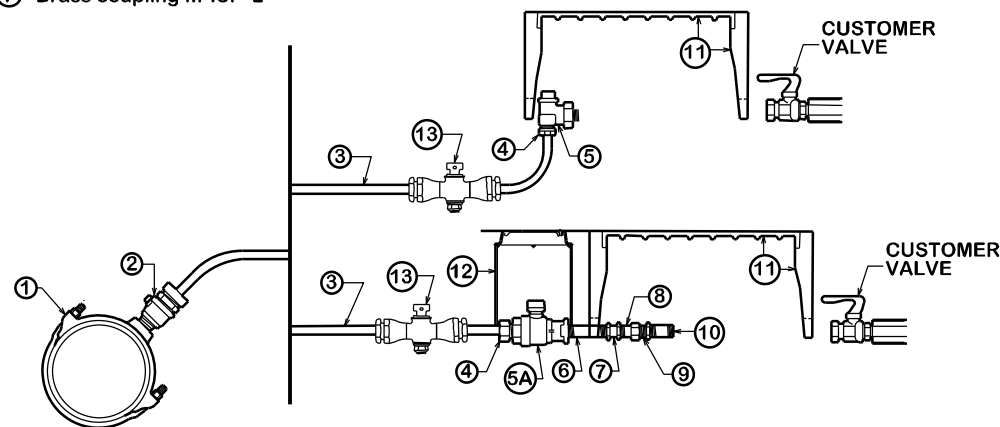


CITY OF COLLEGE STATION
STRAIGHT OR ANGLE TAP - 1-1/2"

W7-02

NOTES:

- ① Service saddle, SS straps, CC threads installed per manufacturer's recommendations. All main types: Cambridge 800 Series or Ford S70/S90
- ② Corporation Stop: Ford FB 1000-7 (cc thread) - 2"
- ③ Service tubing: Type K copper - cu - soft - 2"
- ④ Ford male adapter - C84-77- 2"
- ⑤ Meter box valve:
5 = Ford Angle Stop - FV-43-777W - 2"
5A = Ford Straight Stop - B11-777W - 2"
- ⑥ Brass nipple I.P.S. - 2" x 6"
- ⑦ Brass coupling I.P.S. - 2"
- ⑧ Swivel nut - C38-77 - 2"
- ⑨ Meter adapter - BBIM 77 - 2"
- ⑩ Brass nipple I.P.S. - 2" x 3"
- ⑪ Meter box and lid: Old Castle meter box, CI lid with Reader #65
- ⑫ Meter box and lid: Old Castle 12" round valve box #3RT
- ⑬ Ball valve



CITY OF COLLEGE STATION
STRAIGHT OR ANGLE TAP - 2"

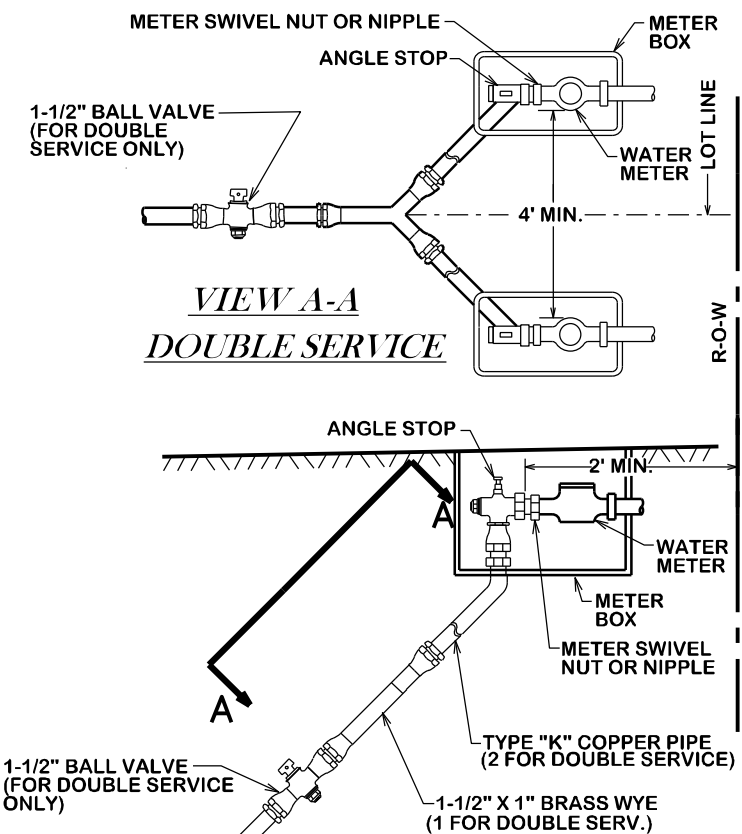
W7-03

NOTES:

1. ALL CONNECTIONS TO BE COMPRESSION TYPE.
2. MATERIAL USED SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.
3. ALL SERVICE WYES & EXTENSIONS ARE TO BE INSTALLED WITH THE MAIN LINE CONSTRUCTION.
4. EXISTING METER BOXES ARE TO BE REMOVED. THE NEW METER BOXES SHALL BE OLD CASTLE.

METER NUT SIZE	FORD PART NO.
3/4" x 2.5" Long	C38-23-2-5
3/4" x 3" Long	C38-23-3
3/4" x 12" Long	C38-23-12
1" x 2.625" Long	C38-44-2-625
1" x 8.5" Long	C38-44-8-5
1-1/2" Meter Nipple	C38-66-2-875
1-1/2" Meter Bushing	BBIM-66
2" Meter Nipple	C38-77
2" Meter Bushing	BBIM-77

CITY OF COLLEGE STATION
WATER SERVICE RECONNECTION



W7-04

REVISIONS:

BRYAN - COLLEGE STATION
STANDARD WATER DETAILS



DRAWN BY: C.L.M.
DATE: 06-01-12
SCALE: N T S
APPROVED: W.P.K.
FIGURE:
W7
SHEET 7 OF 7