



2017 Interconnect Meters Replacement



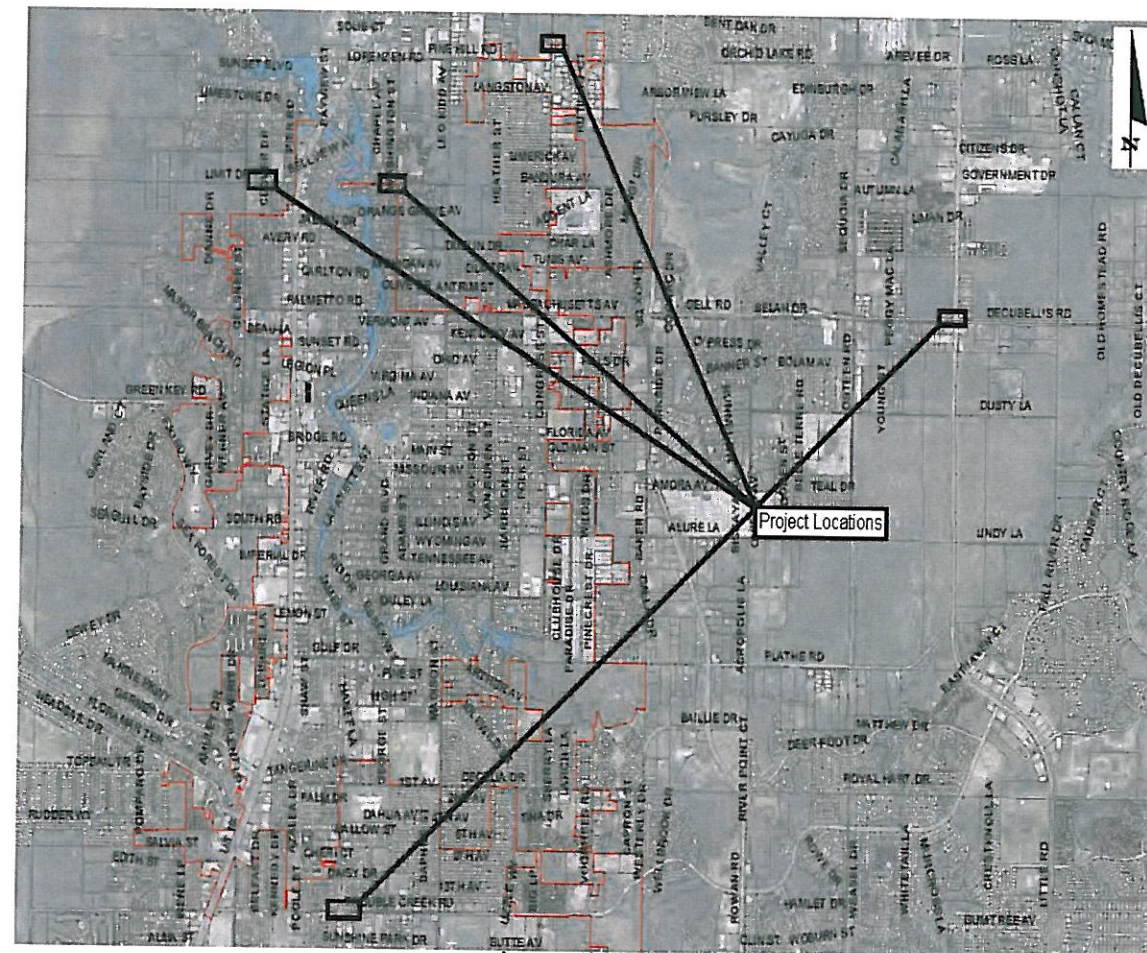
City of New Port Richey, Florida

DRAWING INDEX

- 001 COVER SHEET
- 002 GENERAL NOTES
- 003 EXISTING SITE CONDITIONS
- 004 EXISTING SITE CONDITIONS
- 005 EXISTING SITE CONDITIONS
- 006 PROPOSED SITE PLANS
- 007 PROPOSED SITE PLANS
- 008 PROPOSED SITE PLANS
- 009 GENERAL DETAILS
- 010 NPDES NOTES
- 011 NPDES DETAILS
- 012 MOT PLANS

UTILITY CONTACT LISTING

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Frontier Communications Raul Rivera (727)562-1130	City of Port Richey Pat Stewart (727)816-1901
Clearwater Gas Brian Langille (727)562-4900x7406	City of New Port Richey Gary Peterson (727)841-4536

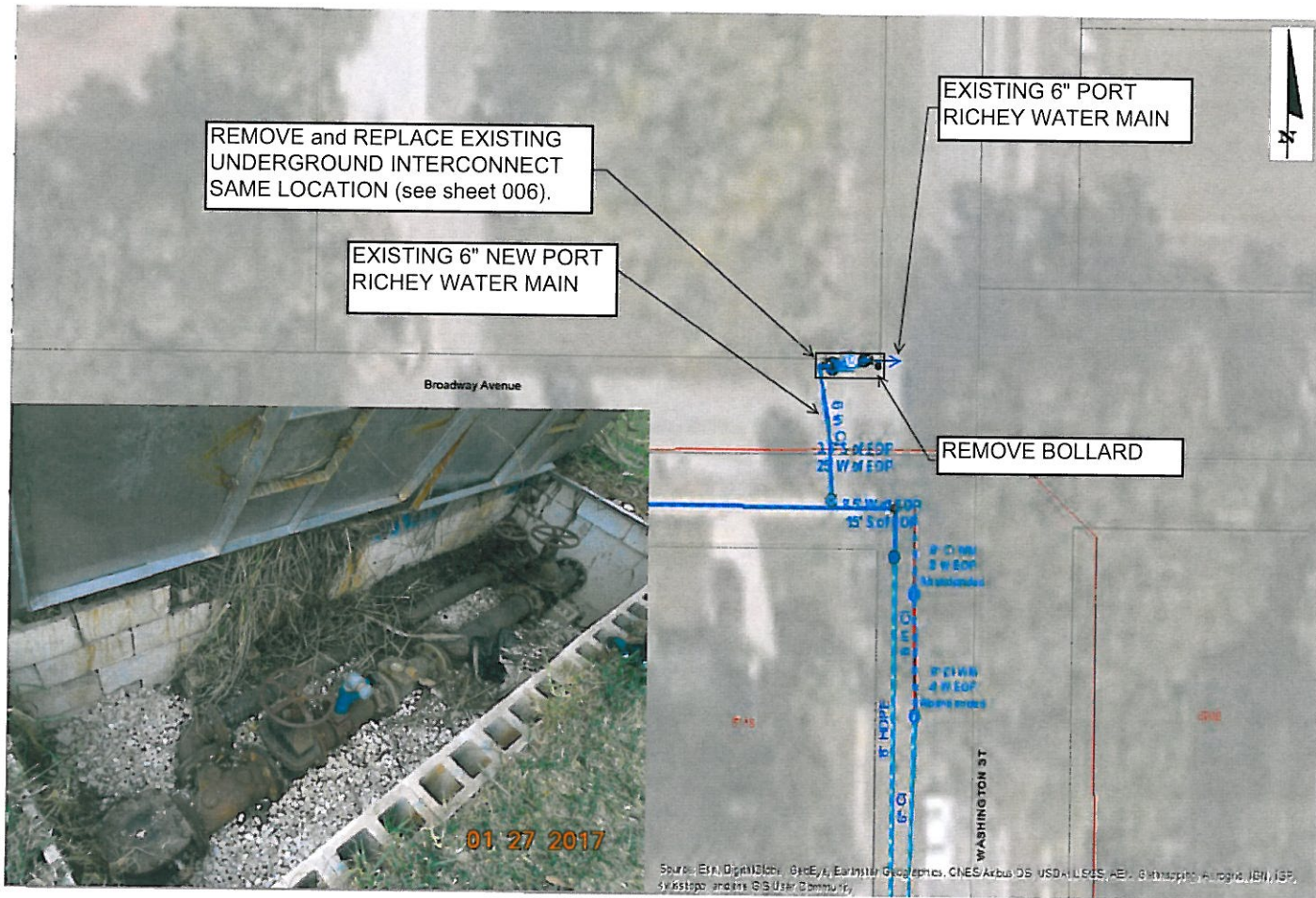
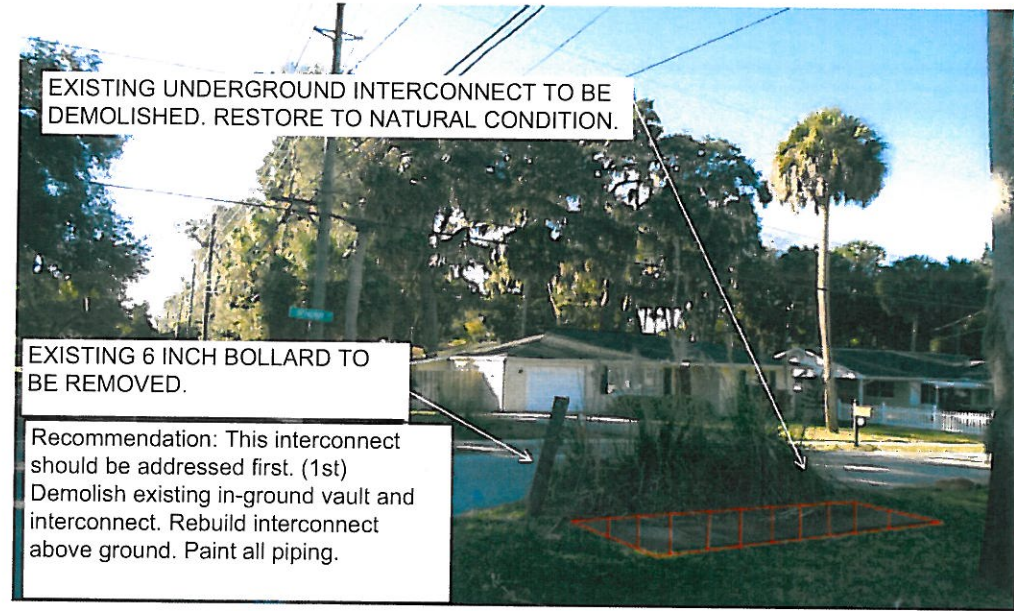


Location Map

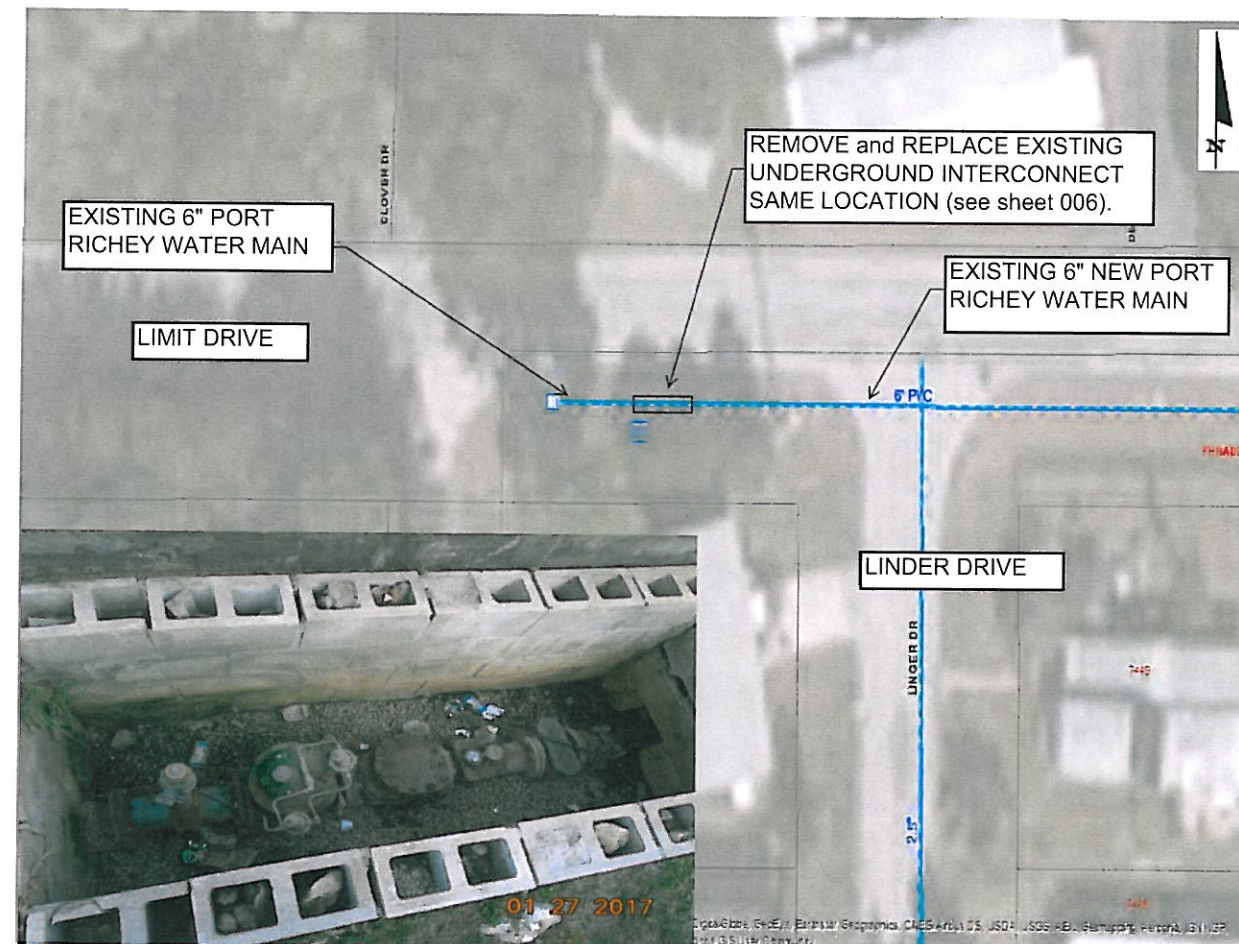
Prepared by the Public Works Department

GROUNDWATER / DEWATERING NOTE:
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.





Washington St. & Broadway Ave. Interconnect



Limit Drive Interconnect

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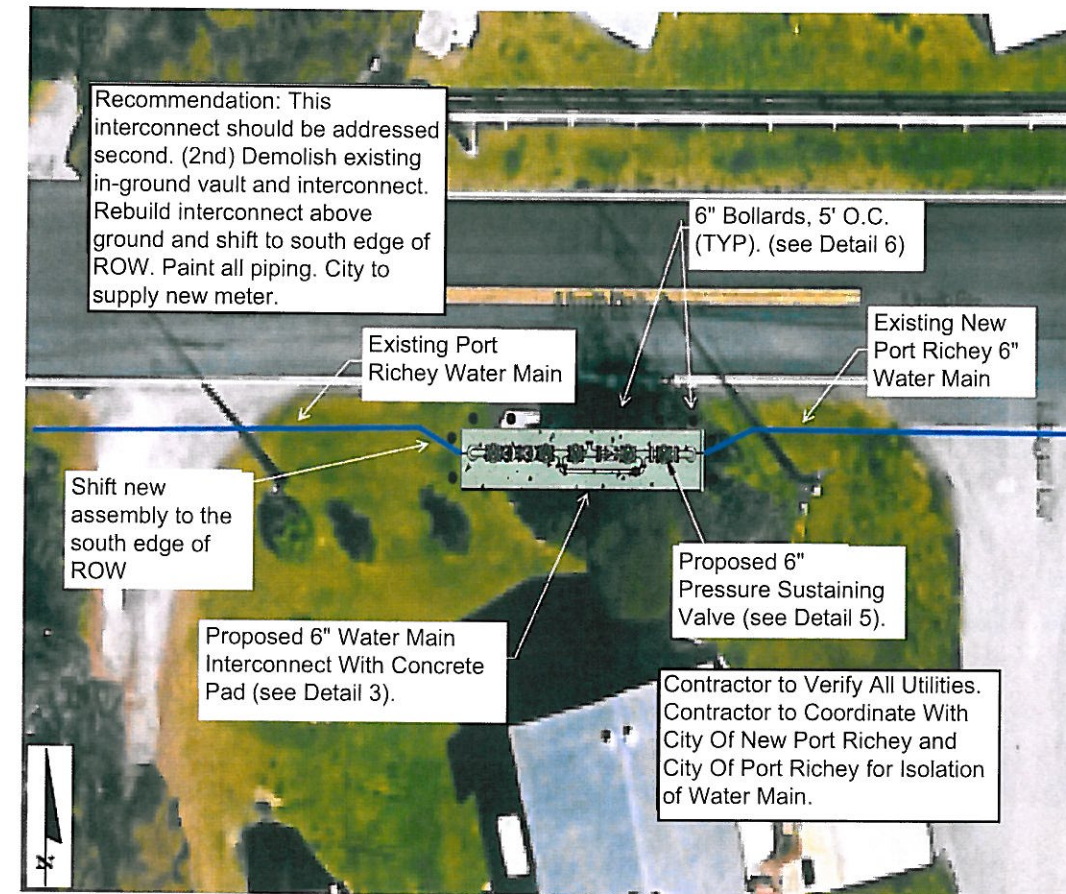


Contractor to remove existing assembly from in-ground vault and replace with above ground assembly see typical detail.
(First priority)



Washington Street & Broadway Avenue Interconnect

Contractor to remove existing assembly from in-ground vault and replace with above ground assembly see typical detail.
(Second priority)



Limit Drive Interconnect

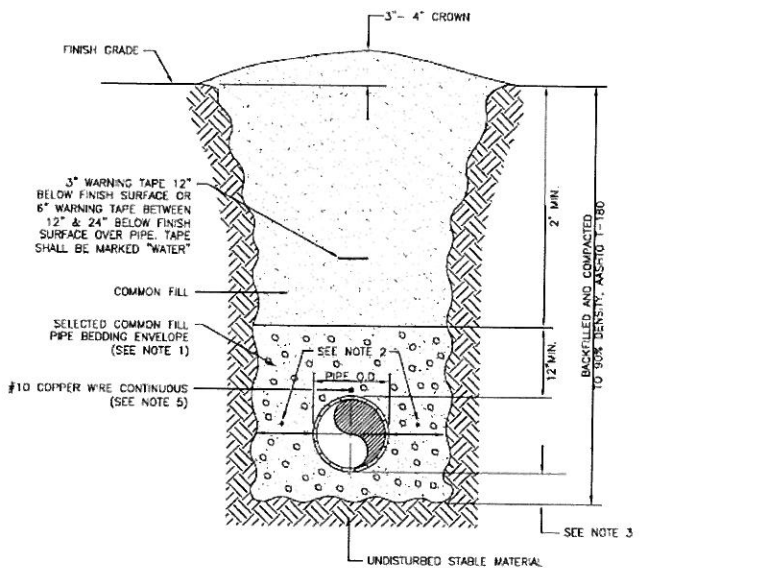
PROPOSED SITE PLANS

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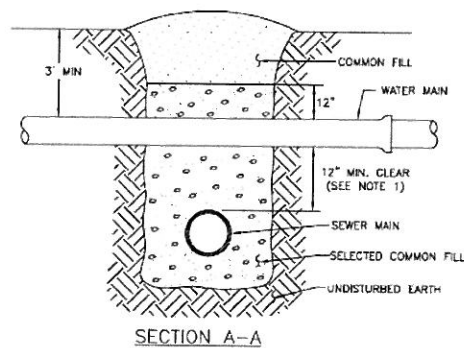
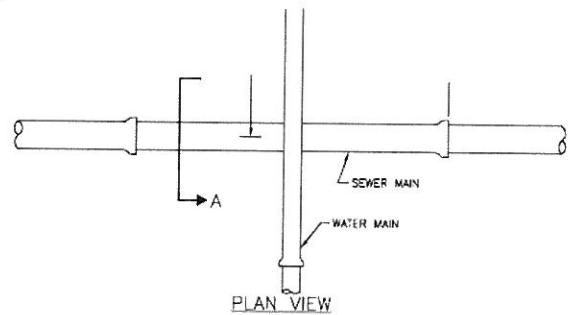


NOTES:

1. USE OF TYPE A-2 AND A-3 PIPE BEDDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. PROVIDE ADEQUATE CLEARANCE TO PLACE AND COMPACT STAGE 1 BEDDING MATERIAL IN TRENCH AREA BELOW PIPE SPRINGLINE. PIPE EMBEDMENT MUST BE COMPACTED OUT TO THE TRENCH WALL OR 2.5 TIMES THE PIPE OD, WHICHEVER IS LESS.
3. TYPICALLY 4" TO 6".
4. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
5. TRACER WIRE NOT REQUIRED FOR GRAVITY SEWERS.



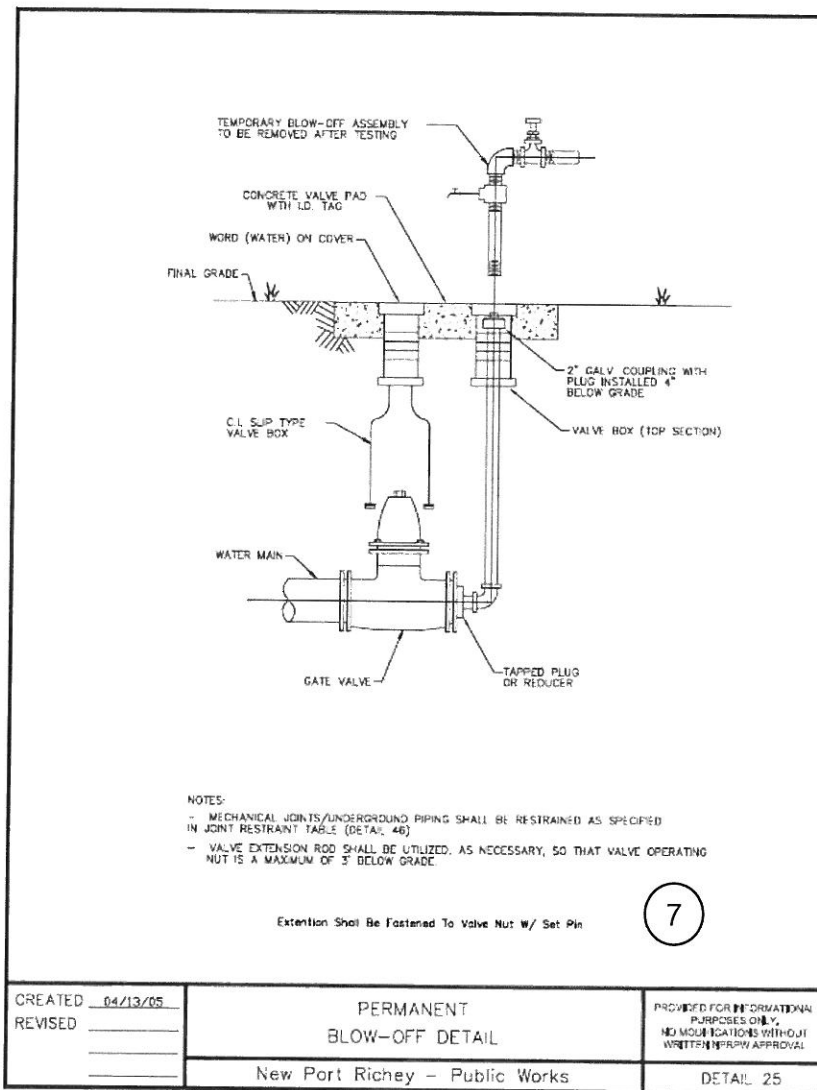
TRENCH WITH UNIMPROVED SURFACE TYPE A-1 PIPE BEDDING
N.T.S.



NOTES:

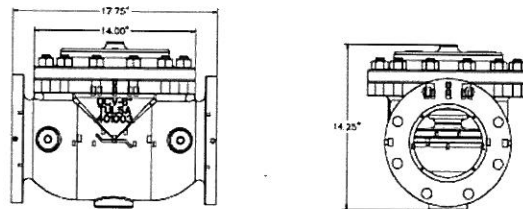
1. CLEARANCE MAY BE REDUCED TO 6" FOR GRAVITY SEWER WHERE WATER MAIN IS DUCTILE IRON OR 3" FOR FORCE MAIN WHERE FORCE MAIN IS ENGAGED A MINIMUM OF 10" EACH SIDE OF CROSSING.
2. WHERE NO ENCASMENT IS REQUIRED, PIPE SECTIONS SHALL BE FULL-LENGTH AND SHALL BE ADJUSTED HORIZONTALLY SO THAT THE CROSSING IS AT EACH PIPE SECTION'S MIDPOINT REGARDLESS OF THE VERTICAL CLEARANCE.

TYPICAL NEW WATER & SEWER LINE CROSSING
N.T.S.



Extension Shall Be Fastened To Valve Nut w/ Set Pin

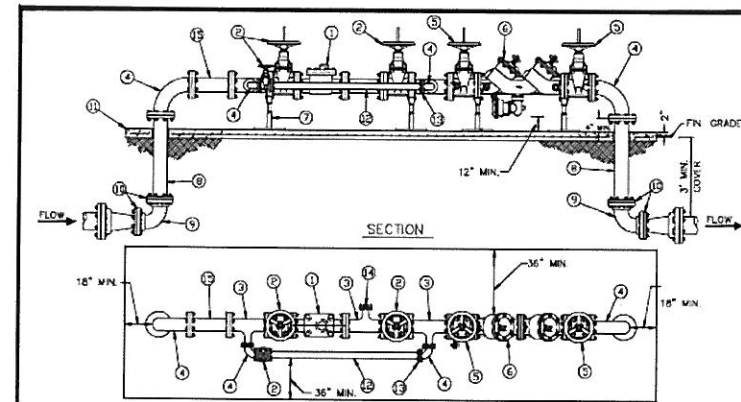
CREATED 04/13/05	PERMANENT BLOW-OFF DETAIL	PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO MODIFICATIONS WITHOUT WRITTEN NRPWP APPROVAL
REVISIONS	New Port Richey - Public Works	DETAIL 25



NOTES:

1. DETAIL PROVIDED BY MANUFACTURER
2. 6" PRESSURE RELIEF VALVE SERIES 108 AS MANUFACTURED BY OCV CONTROL VALVES, OR EQUIVALENT TO BE INCLUDED IN BULK METER INSTALLATION, AS SPECIFIED.

6" PRESSURE SUSTAINING VALVE
N.T.S.

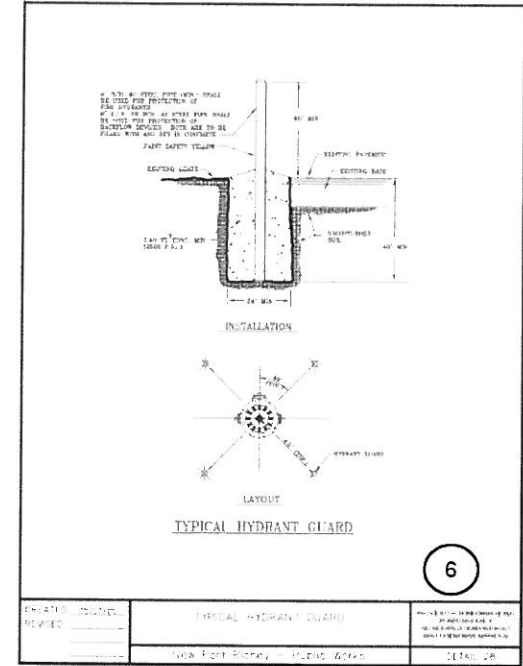


ITEM	QTY/UNIT	DESCRIPTION
1	1	WATER METER 3" THRU 12"
2	3	VALVE GATE RESILIENT WEDGE W/ HAND WHEEL FLG x FLG
3	3	TEE, FLG x FLG x FLG
4	4	BEND 90° FLG x FLG
5	2	VALVE GATE FLG x FLG RESILIENT SEAT O, S & Y
6	1	BACK FLOW PREVENTER - R.P.Z. PRINCIPLE
7		SUPPORTS (AS NEEDED)
8	2	SPOOL PIECE FLG x PE O.D.P.
9	2	BEND 90° M.J x M.J
10	4	GLAND, RETAINER W.J. (MEGALUG OR EQUAL)
11	1	CONCRETE SLAB 6" THICK W/ 6"x6" TO/10 W/LD WIRE
12	1	BY-PASS PIPE D.I.P. FLG x PE
13	1	EMMA SERIES 2100 MEGALANGE
14	1	BLIND FLANGE TAPPED 2" FB W/ 2" GALV. PLUG
15	1	SPOOL PIECE FLG x FLG - LENGTH TO BE IN PIPE DIAMETERS

- NOTE:**
- NO TE RODS OR EYE BOLT RETAINERS PERMITTED ABOVE GROUND
 - METER & B.F.P. ASSEMBLY TO BE INSTALLED LEVEL & PLUMB
 - METER BY-PASS TO BE SIZED NO LESS THAN 1/2 METER SIZE
 - ENTIRE ASSEMBLY TO BE PAINTED SAFETY BLUE
 - B.F.P. TO BE SIZED EQUAL TO OR GREATER THAN METER SIZE
 - MECHANICAL JOINTS SHALL BE RESTRAINED AS SPECIFIED BY CITY/ENGINEER
 - BELL JOINT RESTRAINERS SHALL BE PROVIDED ON ALL UNDERGROUND PIPING AS SPECIFIED IN THE JOINT RESTRAINT TABLE DETAIL
 - ALL ABOVE GROUND PIPING SHALL BE FLANGED DUCTILE IRON PIPE (NO GALVANIZED OR PVC)
 - NRPWP SHALL HAVE THE OPTION OF REQUIRING THE ENTIRE ASSEMBLY TO BE ENCLOSED IN 6' CHAIN LINK FENCE.
 - BFP DEVICE MUST BE LISTED WITH THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION
 - FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH:
 - FOR REUSE METER, DELETE BACKFLOW PREVENTER & PAINT ENTIRE ASSEMBLY PURPLE.
 - INLET AND DISCHARGE PIPING SHALL BE SIZED IDENTICAL TO METER INLET SIZE

CREATED 04/13/05	BULK METER INSTALLATION - WITH SINGLE B.F.P.	PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO MODIFICATIONS WITHOUT WRITTEN NRPWP APPROVAL
REVISIONS	NEW PORT RICHEY - PUBLIC WORKS	DETAIL 1

ABOVE GROUND INTERCONNECT DETAIL
N.T.S.



Typical Hydrant Guards

GROUNDWATER / DEWATERING NOTE:
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GENERAL DETAILS