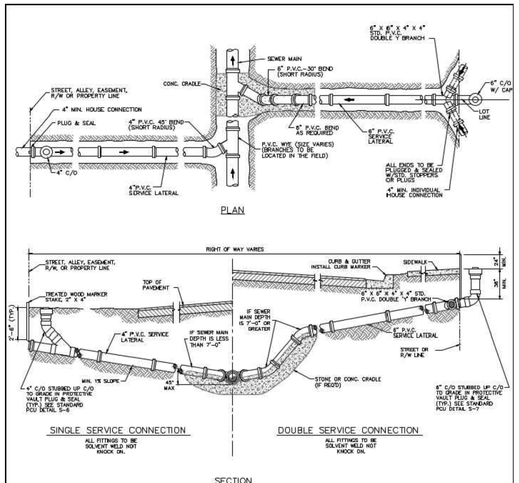
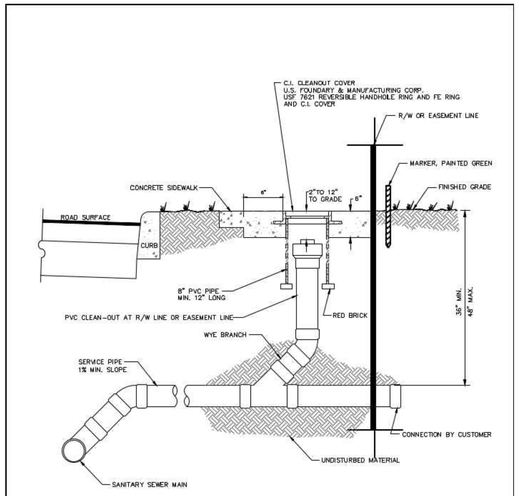


NOTE:
- CONTRACTOR SHALL MAKE, ON A CLEAN SET OF PLANS, THE FINAL STATIONING OR DISTANCE AND DIRECTION FROM MANHOLE OF EACH SERVICE LATERAL AND THEN GIVE TO ENGINEER FOR RECORD PURPOSES.
- PROVIDE 2" x 4" PRESSURE TREATED WOOD MARKER STAKE AT ALL SANITARY SERVICES (INCLUDE IN PIPE PRICE), TOP OF STAKE TO BE PAINTED WITH GREEN PAINT.
- THE MINIMUM DIAMETER OF ALL SERVICE LATERALS SHALL BE 4 INCHES.

CREATED FEB 2003 REVISED JAN 2014 MAY 2015 JUNE 2017	SANITARY SEWER LATERAL CONNECTION	PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO MODIFICATIONS WITHOUT WRITTEN PCU APPROVAL
	PASCO COUNTY UTILITIES	DETAIL S4

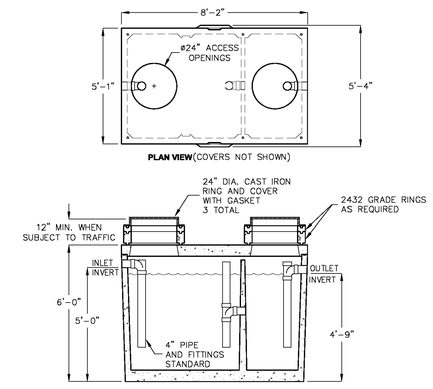
1 SANITARY SEWER CONNECTION NTS
PASCO COUNTY UTILITY DETAIL S4



CREATED AUG 2015 REVISED MAY 2016 JUNE 2017	SANITARY SEWER – SINGLE WYE CONNECTION AND TYPICAL CLEAN-OUT	PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO MODIFICATIONS WITHOUT WRITTEN PCU APPROVAL
	PASCO COUNTY UTILITIES	DETAIL S6

2 SANITARY CLEANOUT NTS
PASCO COUNTY UTILITY DETAIL S6

1000 GALLON GREASE INTERCEPTOR
MODEL JP1000-EE-G
TRAFFC RATED



OPERATING CAPACITY: 1,000 GALLONS.

DESIGN LOAD: H-20 TRAFFIC WITH DRY SOIL CONDITIONS (WATER LEVEL BELOW TANK) AND 1 TO 6 FEET EARTH COVER.

BEDDING NOTE: SUITABLE SUB-BASE BEDDED WITH GRANULAR MATERIAL SHALL BE PREPARED TO HANDLE ANTICIPATED LOADS.

FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

MINIMUM EXCAVATION 8'-1" x 9'-2" x REQ'D DEPTH

Jensen Precast reserves the right to make changes to product design and/or dimensions without notice. Please contact Jensen Precast whenever necessary for confirmation or advice on product design.

JENSEN PRECAST

4/21/2010
JP1000_EE_G_AZ_A.DWG
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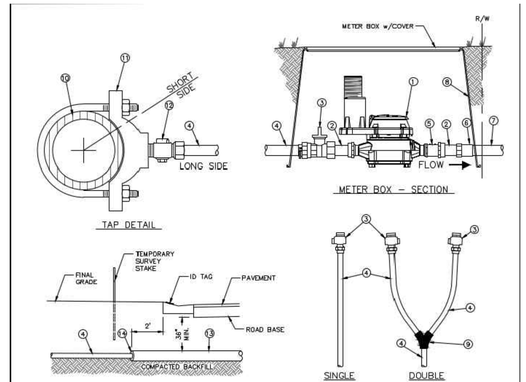
3 1,000 GAL. GREASE TRAP NTS



MATERIALS		
ITEM	QUANT.	DESCRIPTION
1	1	RECORDALL WATER METER w/ADE & ORION INTEGRAL PIT TRANSMITTER (5/8" x 3/4" RCDL C25 OR 1" RCDL M55)
2	2	METER TAIL, 3/4" OR 1" LONG, BRONZE MULTISIDED, w/RUBBER WASHER
3	1	CURB STOP BALL VALVE, w/LOCK WING (FIP X COMP)
4	*	WATER TUBING, POLYETHYLENE BLUE
5	1	DUAL CHECK VALVE (FMTR X MMTR)
6	1	COUPLING, PVC (TYP)
7	*	PIPE, PVC (TYP.)
8	1	METER BOX w/READER COVER, NDS D1200 OR EQUAL
9	1	1" x 3/4" WYE BRANCH (COMP. x COMP.)
10	*	PIPE, PVC (DR-18) OR D.I.P.
11	1	1" TAPPING SADDLE, DOUBLE STRAP, F.I.P., S.S.
12	1	1" CORPORATION (M.I.P. x COMP.)
13	*	2" CASING, PVC OR HDPE
14	*	SEALER, RAM-NEK

NOTES:
WHEN POSSIBLE SERVICE LINE TO BE LOCATED ON PROPERTY LINES.
SERVICE LINES TO BE STAKED 3'-0" FROM WYE BEND

SERVICE LINES – PLAN

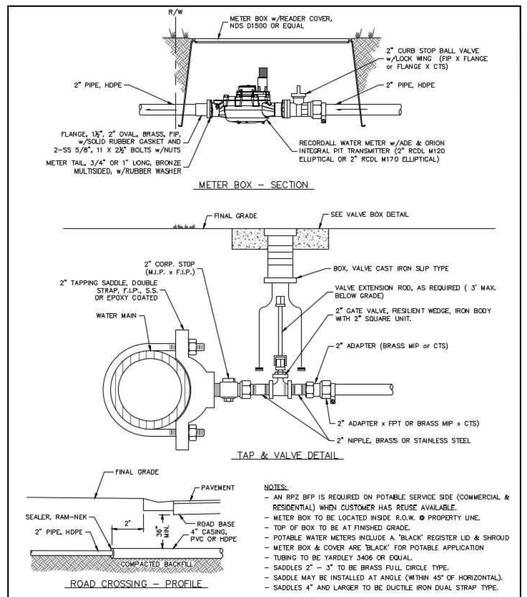
NOTES:
- A DUAL CHECK VALVE IS REQUIRED ON THE POTABLE SERVICE LINE WHEN THE CUSTOMER HAS REUSE AVAILABLE.
- METER BOX TO BE LOCATED INSIDE R.O.W. & PROPERTY LINE.
- TOP OF BOX TO BE AT FINISHED GRADE.
- ALL FITTINGS FOR POLYETHYLENE TUBING ARE BRASS COMPRESSION TYPE.
- POTABLE WATER METERS INCLUDE A GREY" REGISTER LID & SHROUD, SUPPLIED BY PCU
- METER BOX & COVER ARE 'BLACK' FOR POTABLE APPLICATION, SUPPLIED BY PCU
- TUBING TO BE YARDLEY 3406 OR EQUAL 'BLUE'.
- SADDLES 2" – 3" TO BE BRASS FULL CIRCLE TYPE.
- SADDLES 4" AND LARGER TO BE D.I. DUAL STRAP TYPE.
- SADDLE MAY BE INSTALLED AT ANGLE (WITHIN 45° OF HORIZONTAL).

W, RW

CREATED JAN 2014 REVISED AUG 2015 MAY 2016 JUNE 2017	AMR METER SERVICE INSTALLATION 5/8", 3/4" OR 1"	PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO MODIFICATIONS WITHOUT WRITTEN PCU APPROVAL
	PASCO COUNTY UTILITIES	DETAIL G13

4 1" IRRIGATION METER NTS
PASCO COUNTY UTILITY DETAIL G13

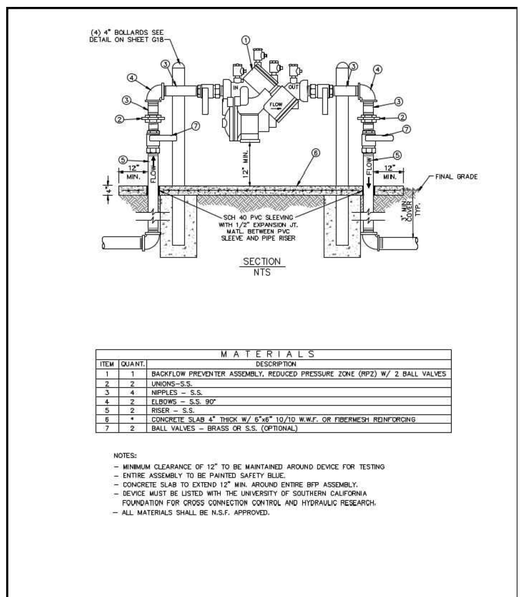
5 DETAIL (NOT USED) NTS



NOTES:
- AN RPZ BFP IS REQUIRED ON POTABLE SERVICE SIDE (COMMERCIAL & RESIDENTIAL) WHEN CUSTOMER HAS REUSE AVAILABLE.
- METER BOX TO BE LOCATED INSIDE R.O.W. & PROPERTY LINE.
- TOP OF BOX TO BE AT FINISHED GRADE.
- POTABLE WATER METERS INCLUDE A "BLACK" REGISTER LID & SHROUD
- METER BOX & COVER ARE 'BLACK' FOR POTABLE APPLICATION
- TUBING TO BE YARDLEY 3406 OR EQUAL.
- SADDLES 2" – 3" TO BE BRASS FULL CIRCLE TYPE.
- SADDLE MAY BE INSTALLED AT ANGLE (WITHIN 45° OF HORIZONTAL).
- SADDLES 4" AND LARGER TO BE DUCTILE IRON DUAL STRAP TYPE.

CREATED FEB 2003 REVISED JAN 2014 AUG 2015 JUNE 2017	AMR METER SERVICE INSTALLATION 1-1/2" or 2"	PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO MODIFICATIONS WITHOUT WRITTEN PCU APPROVAL
	PASCO COUNTY UTILITIES	DETAIL G14

6 1"-1/2" DOMESTIC METER NTS
PASCO COUNTY UTILITY DETAIL G14

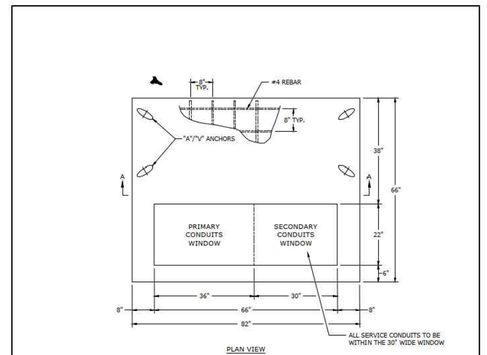


MATERIALS		
ITEM	QUANT.	DESCRIPTION
1	1	BACKFLOW PREVENTER ASSEMBLY, REDUCED PRESSURE ZONE (RPZ) W/ 2 BALL VALVES
2	2	UNIONS – S.S.
3	4	NIPPLES – S.S.
4	2	ELBOWS – S.S. 90°
5	2	RISER – S.S.
6	*	CONCRETE SLAB 4" THICK W/ 6"x6" 10/10 W.W.F. OR FIBERMESH REINFORCING
7	2	BALL VALVES – BRASS OR S.S. (OPTIONAL)

NOTES:
- MINIMUM CLEARANCE OF 12" TO BE MAINTAINED AROUND DEVICE FOR TESTING
- ENTIRE ASSEMBLY TO BE PAINTED SAFETY BLUE.
- CONCRETE SLAB TO EXTEND 12" MIN. AROUND ENTIRE BFP ASSEMBLY.
- DEVICE MUST BE LISTED WITH THE UNIVERSITY OF SOUTHERN CALIFORNIA FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH.
- ALL MATERIALS SHALL BE N.S.F. APPROVED.

CREATED 02/24/03 REVISED 08/00/10 AUG 2015 JUNE 2017	REDUCED PRESSURE BACKFLOW PREVENTER (SINGLE SERVICE: 3/4", 1", 1-1/2", 2")	PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO MODIFICATIONS WITHOUT WRITTEN PCU APPROVAL
	PASCO COUNTY UTILITIES	DETAIL W8

7 1"-1/2" BACKFLOW PREVENTER NTS
PASCO COUNTY UTILITY DETAIL W8



NOTES:

1. PRECAST PAD SUPPLIERS ARE REQUIRED TO PROVIDE THE PADS WITH RECESSED "A/V" ANCHORS, TO BE USED FOR LIFTING THE PADS.

3							
2							
1	5/31/18	NORMAN	SAUNDERS	GRAHAM			
0	7/14/16	NORMAN	SAUNDERS	NICOLA			
REVISED		BY	CHK'D	APPR.			

DUKE ENERGY.

DEC	DEM	DEP	DEF
			X

SMALL FLAT PAD SPECIFICATIONS

PAGE 3

8 TRANSFORMER PAD NTS

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ROSEMEAD, CALIFORNIA 91770
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REVISIONS:

C1	1ST COUNTY COMMENTS	04/05/2021
C2	2ND COUNTY COMMENTS	06/04/2021

ISSUE DATE:

	ALT. STANDARDS	12/17/2020
	PRELIMINARY SITE PLAN	01/12/2021
	COUNTY COMMENTS	04/05/2021
	ISSUE FOR BID	06/04/2021

DRAWN BY: INGENIUM

PANDA PROJECT #: D8135
PANDA STORE #:
ARCH PROJECT #:

ingenium ENTERPRISES
PLANNING & ENGINEERING

UTILITY DETAILS I

C04.2

TRUE WARM & WELCOME 2300