TRUCKEE MEADOWS WATER
AUTHORITY
1155 CORPORATE BLVD. / PO BOX 30013
RENO, NEVADA 89502-3013
PH 775-834-8000 / FX 775-834-8003

WORK ORDER NO. 05-1946-1
DESIGNED ODYSSEY ENGINEERING INC.
DRAWN S.B.
DATE 11/28/05
CHECKED J.W.
SUBMITTED
RECOMMENDED
APPROVED

LOS ALTOS-COM-SMITH

WATER SERVICES

SHEET NUMBER

W-1

2 OF 2

H:\GREATER-NEVADA-CREDIT-UNION\TMWAW-1.DWG

FOR TMWA USE ONLY
NEW BUSINESS WATER

WO#	Map #
New Main	
Date Installed:	Depth:
Pressure Test Date:	
Inspector:	
PSI	Hours Tested:
Contractor:	

Feet Laid	Size	Type	Main/Svc

Retired/ Abandoned/Removed			
Feet Rel.	Size	Type	Main/Svc

# of Meter boxes Inst./Size:	

# of Setters Inst./Size:

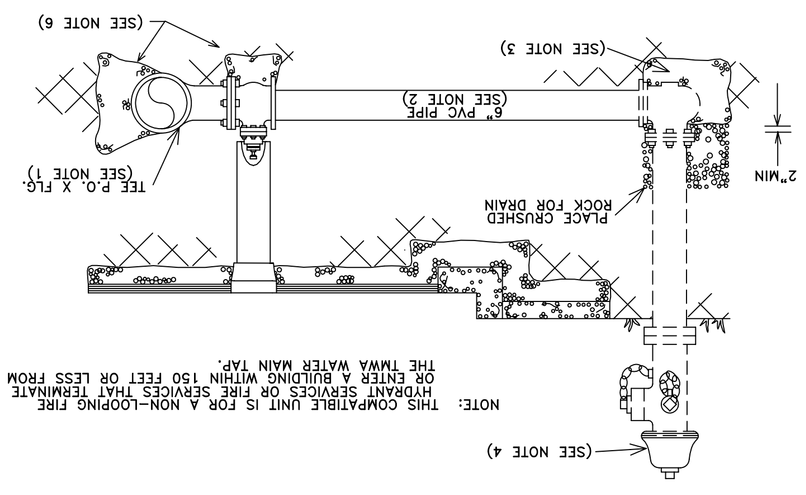
1-800-227-2600
2 working days
Call before you Dig.

APPENDIX 10F
FIRE PROTECTION INSTALLATIONS OFF EXISTING WATER MAINS
DRAWING NUMBER
10F-3

MATERIAL LIST

ITEM ID	QTY.	DESCRIPTION
53-0430	1.0	VALVE GATE 6" PUSH-ON X FLANGE
41-3000	3.0	PIPE PVC 6" SEWER 6.275 O.D. SDR 35 FOR VALVES
43-0010	1.0	BOX 6" VALVE CAST IRON
53-0065	1.0	COVER BOX VALVE WATER 6"
47-0290	8.0	BOLT MACHINE BLK HEX HEAD W/HEX NUT 3/4" X 3 1/4"
47-0055	1.0	GASKET FULL FACE 6"
95-0125	0.3	CONCRETE BULK

NOTES: 1) REFER TO APPENDIX 10L TO DETERMINE ITEM ID NUMBER OF FLANGE TEE.
2) 6" PVC PIPE, ITEM ID #51-0232, LENGTH TO BE DETERMINED BY PLANNER.
3) THRUST BLOCK TO HAVE A MINIMUM OF 2" VERTICAL CLEARANCE BELOW FLANGE.
4) LOCATION OF FIRE HYDRANT TO BE DETERMINED BY APPROPRIATE GOVERNMENTAL AGENCY. FIRE HYDRANT AND BARREL EXTENSION TO BE SUPPLIED BY OTHERS.
5) ALL EXPOSED METAL MUST BE COATED AND WRAPPED.
6) REFER TO APPENDIX 10L FOR THRUST BLOCK REQUIREMENTS.



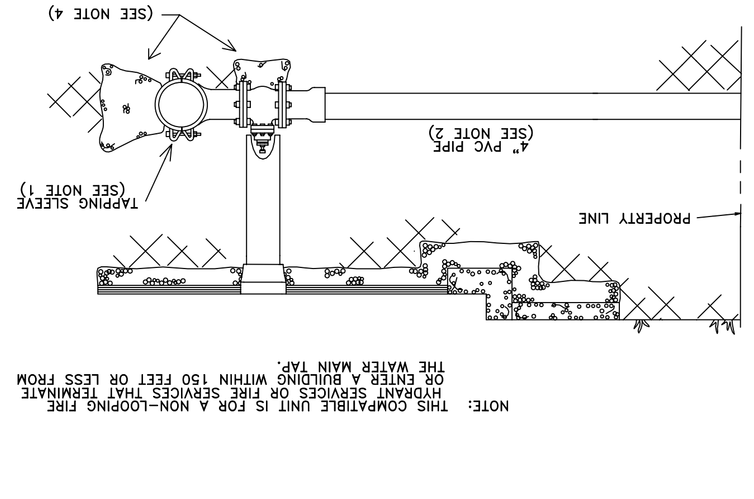
NOTE: THIS COMPATIBLE UNIT IS FOR A NON-LOOPING FIRE HYDRANT SERVICES OR FIRE SERVICES THAT TERMINATE OR ENTER A BUILDING WITHIN 150 FEET OR LESS FROM THE TMWA WATER MAIN TAP.

APPENDIX 10F
FIRE PROTECTION INSTALLATIONS OFF EXISTING WATER MAINS
DRAWING NUMBER
10F-16

MATERIAL LIST

ITEM ID	QTY.	DESCRIPTION
53-0630	1.0	VALVE GATE FLANGE X FLANGE 4" W/OPERATING NUT
55-0090	1.0	ADAPTER 4" PUSH-ON X FLANGE
41-3000	3.0	PIPE PVC 6" SEWER 6.275 O.D. SDR 35 FOR VALVES
53-0065	1.0	COVER BOX VALVE WATER 6"
43-0010	1.0	BOX 6" VALVE CAST IRON
47-0350	16.0	BOLT MACHINE BLK HEX HEAD W/HEX NUT 5/8" X 3"
47-0050	2.0	GASKET FULL FACE 4"
95-0125	0.5	CONCRETE BULK

NOTES: 1) REFER TO APPENDIX 10L TO DETERMINE ITEM ID OF TAPPING SLEEVE. WHEN TAPPING OFF STEEL OR OD STEEL REFER TO APPENDIX 10L FOR BACKING PLATE DATA. WHEN TAPPING OFF OD STEELE SIZE ON SIZE, REDUCE TAP ONE SIZE THEN BELL BACK UP.
2) 4" PVC PIPE, ITEM ID 51-0092, LENGTH TO BE DETERMINED BY PLANNER.
3) ALL EXPOSED METAL MUST BE COATED AND WRAPPED.
4) REFER TO APPENDIX 10L FOR THRUST BLOCK REQUIREMENTS.
5) PRESSURE TEST TAPPING SLEEVE TO MFG'S RECOMMENDATION.



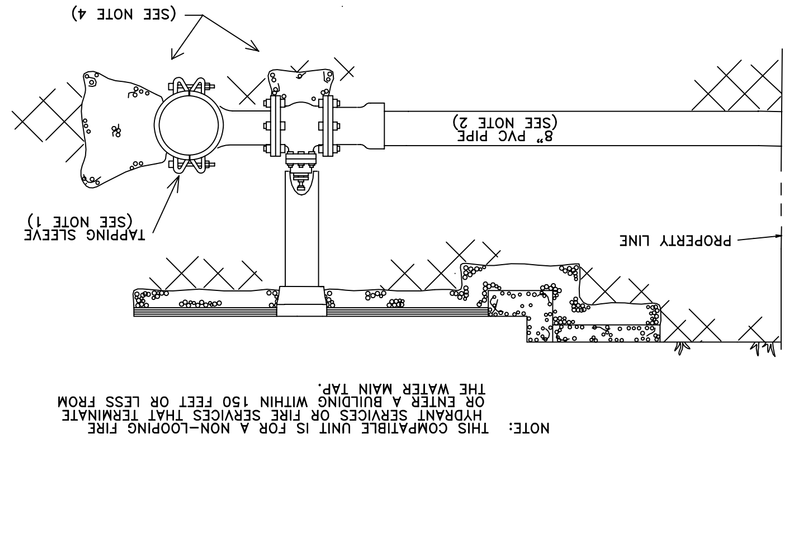
NOTE: THIS COMPATIBLE UNIT IS FOR A NON-LOOPING FIRE HYDRANT SERVICES OR FIRE SERVICES THAT TERMINATE OR ENTER A BUILDING WITHIN 150 FEET OR LESS FROM THE WATER MAIN TAP.

APPENDIX 10F
FIRE PROTECTION INSTALLATIONS OFF EXISTING WATER MAINS
DRAWING NUMBER
10F-18

MATERIAL LIST

ITEM ID	QTY.	DESCRIPTION
53-0670	1.0	VALVE GATE FLANGE X FLANGE 8" W/OPERATING NUT
55-0094	1.0	ADAPTER 8" PUSH-ON X FLANGE
41-3000	3.0	PIPE PVC 6" SEWER 6.275 O.D. SDR 35 FOR VALVES
43-0010	1.0	BOX 6" VALVE CAST IRON
53-0065	1.0	COVER BOX VALVE WATER 6"
47-0400	16.0	BOLT MACHINE BLK HEX HEAD W/HEX NUT 3/4" X 3 1/2"
47-0060	2.0	GASKET FULL FACE 8
95-0125	0.5	CONCRETE BULK

NOTES: 1) REFER TO APPENDIX 10L TO DETERMINE ITEM ID OF TAPPING SLEEVE. WHEN TAPPING OFF STEEL OR OD STEEL REFER TO APPENDIX 10L FOR BACKING PLATE DATA. WHEN TAPPING OFF OD STEELE SIZE ON SIZE, REDUCE TAP ONE SIZE THEN BELL BACK UP.
2) 8" PVC PIPE, ITEM ID 51-0242, LENGTH TO BE DETERMINED BY PLANNER.
3) ALL EXPOSED METAL MUST BE COATED AND WRAPPED.
4) REFER TO APPENDIX 10L FOR THRUST BLOCK REQUIREMENTS.
5) PRESSURE TEST TAPPING SLEEVE TO MFG'S RECOMMENDATION.



NOTE: THIS COMPATIBLE UNIT IS FOR A NON-LOOPING FIRE HYDRANT SERVICES OR FIRE SERVICES THAT TERMINATE OR ENTER A BUILDING WITHIN 150 FEET OR LESS FROM THE WATER MAIN TAP.

CIVIL ENGINEER
XYZ engineering firm name and wetstamped