WORK ORDER NO. 05-1871
DESIGNED LCM
DRAWN LCM
DATE 12/7/05
CHECKED –
SUBMITTED 12/7/05
RECOMMENDED –
APPROVED –

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

DEMOS COURT - REVISION TO UNIVERSITY HEIGHTS - UNIT 2, PHASE 5
12 UNITS

SMITH DEVELOPMENT, LLC

SHEET NUMBER W1 — 1 OF 2

FOR TMWA USE ONLY
NEW BUSINESS WATER

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

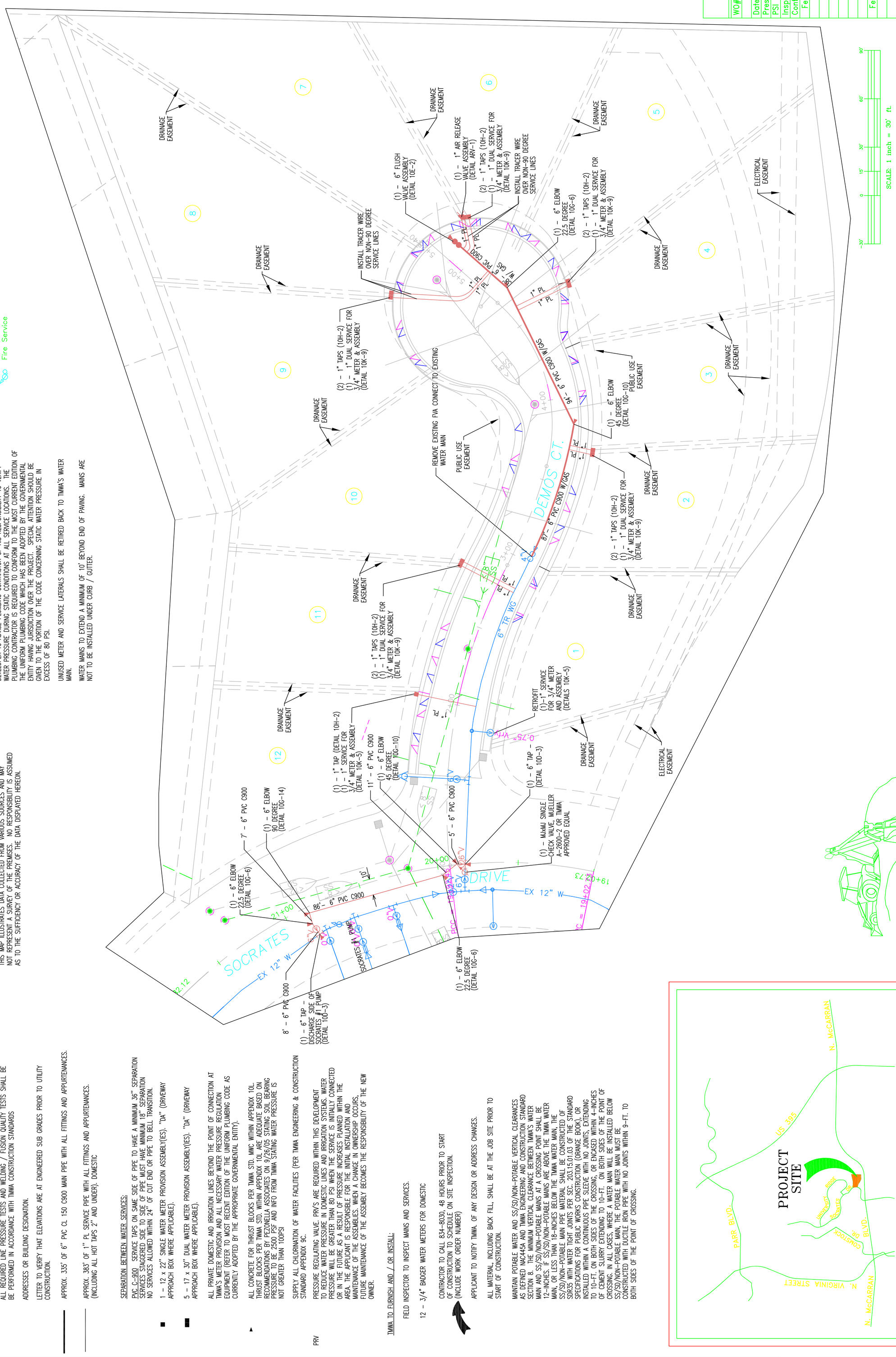
	Size	Type	Main/Svc
Feet Laid			

Retired/ Abandoned/Removed

	Size	Type	Main/Svc
Feet Ret.			

# of Meter boxes Inst./Size:
# of Setters Inst./Size:

SCALE: 1"=000'



CAUTION:
PRIOR TO EXCAVATION, CHECK TO ENSURE ADDITIONAL DEPTH IS NOT REQUIRED TO ACCOMMODATE GAS OR ELECTRIC FACILITIES. APPLICANT IS RESPONSIBLE FOR LOCATING AND COORDINATING WORK AROUND ALL EXISTING UTILITIES WITHIN WATER SERVICE TAP AREA.

SOILS RETENTION MAY BE REQUIRED AROUND WATER METER BOXES AND HYDRANTS ETC., IF SLOPES EXCEED 15%.

WATER METERS SHALL BE LOCATED WITHIN A PUBLIC UTILITY EASEMENT.

TOP OF METER ENCLOSURE TO BE SET 0.2' ABOVE HIGHEST FINISH GRADE SURROUNDING ENCLOSURE.

DEVELOPER TO ADVISE PLUMBING CONTRACTOR OF HIS RESPONSIBILITY TO VERIFY WATER PRESSURE DURING STATIC CONDITIONS AT ALL SERVICE LOCATIONS. THE PLUMBING CONTRACTOR IS REQUIRED TO CONFORM TO THE MOST CURRENT EDITION OF THE UNIFORM PLUMBING CODE WHICH HAS BEEN ADOPTED BY THE GOVERNMENTAL ENTITY HAVING JURISDICTION OVER THE PROJECT. SPECIAL ATTENTION SHOULD BE GIVEN TO THE PORTION OF THE CODE CONCERNING STATIC WATER PRESSURE IN EXCESS OF 80 PSI.

UNUSED METER AND SERVICE LATERALS SHALL BE RETIRED BACK TO TMWA'S WATER MAIN.

WATER MAINS TO EXTEND A MINIMUM OF 10' BEYOND END OF PAVING. MAINS ARE NOT TO BE INSTALLED UNDER CURB / GUTTER.

ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE TMWA ENGINEERING AND CONSTRUCTION STANDARD. THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED CONSTRUCTION SPECIFICATIONS ON HIS OWN BEHALF.
CONSTRUCTION STANDARDS MAY BE DOWNLOADED FROM:
http://www.tmh20.com/customer_services/new_construction/standards

SYMBOLS ARE NOT TO SCALE AND DO NOT NECESSARILY REPRESENT ACTUAL LOCATIONS OF FACILITIES.

THESE DRAWINGS ARE BASED ON CIVIL PLANS DATED: 7/25/05

THIS MAP ILLUSTRATES DATA COLLECTED FROM VARIOUS SOURCES AND MAY NOT REPRESENT A SURVEY OF THE PREMISES. NO RESPONSIBILITY IS ASSUMED AS TO THE SUFFICIENCY OR ACCURACY OF THE DATA DISPLAYED HEREON.

TRUCKEE MEADOWS WATER AUTHORITY:

APPLICANT TO FURNISH AND/OR INSTALL:

- ALL TRENCHING, BACK FILL AND COMPACTION / SIEVE TESTS (PER TMWA ENGINEERING & CONSTRUCTION STANDARD – SECTION 5)
- ALL STAKING / SURVEY NECESSARY TO CLARIFY RIGHT-OF-WAY, EASEMENTS, PROPERTY LINES AND ELEVATIONS, ETC.
- ALL NECESSARY PERMITS, PAVEMENT CUTTING, PAVEMENT REMOVAL AND PAVEMENT REPLACEMENT.
- APPLICANT TO INSTALL WATER METER SETTER AND ENCLOSURE. WATER METER INSTALLED BY TMWA.
- ALL REQUIRED LINE PRESSURE TESTS AND WELDING / FUSION QUALITY TESTS SHALL BE BE PERFORMED IN ACCORDANCE WITH TMWA CONSTRUCTION STANDARDS
- ADDRESSES OR BUILDING DESIGNATION.
- LETTER TO VERIFY THAT ELEVATIONS ARE AT ENGINEERED SUB GRADES PRIOR TO UTILITY CONSTRUCTION.

━━━ APPROX. 335' OF 6" PVC CL 150 C900 MAIN PIPE WITH ALL FITTINGS AND APPURTENANCES.

——— APPROX. 383' OF 1" PL SERVICE PIPE WITH ALL FITTINGS AND APPURTENANCES. (INCLUDING ALL HOT TAPS 2" AND UNDER). DOMESTIC

SEPARATION BETWEEN WATER SERVICES:

PVC C-900 SERVICE TAPS ON SAME SIDE OF PIPE TO HAVE A MINIMUM 36" SEPARATION
SERVICES STAGGERED SIDE TO SIDE OF PIPE MUST HAVE MINIMUM 18" SEPARATION
NO SERVICES ALLOWED WITHIN 24" OF CUT END OR PIPE TO BELL TRANSITION.

■ 1 – 12 x 22" SINGLE WATER METER PROVISION ASSEMBLY(IES). "DA" (DRIVEWAY APPROACH BOX WHERE APPLICABLE).

■ 5 – 17 x 30" DUAL WATER METER PROVISION ASSEMBLY(IES). "DA" (DRIVEWAY APPROACH BOX WHERE APPLICABLE).

ALL PRIVATE DOMESTIC AND IRRIGATION LINES BEYOND THE POINT OF CONNECTION AT TMWA'S METER PROVISION AND ALL NECESSARY WATER PRESSURE REGULATION EQUIPMENT (REFER TO MOST RECENT EDITION OF THE UNIFORM PLUMBING CODE AS CURRENTLY ADOPTED BY THE APPROPRIATE GOVERNMENTAL ENTITY).

▲ ALL CONCRETE FOR THRUST BLOCKS PER TMWA STD. WMC WITHIN APPENDIX 10L. THRUST BLOCKS PER TMWA STD. WITHIN APPENDIX 10L ARE ADEQUATE BASED ON RECOMMENDATIONS BY PEZONELLA ASSOCIATES ON 9/26/05 STATING SOIL BEARING PRESSURE TO BE 2500 PSF AND INFO FROM TMWA STATING WATER PRESSURE IS NOT GREATER THAN 100PSI

SUPPLY ALL CHLORINATION OF WATER FACILITIES (PER TMWA ENGINEERING & CONSTRUCTION STANDARD APPENDIX 9C.

PRV PRESSURE REGULATING VALVE. PRV'S ARE REQUIRED WITHIN THIS DEVELOPMENT TO REDUCE WATER PRESSURE IN DOMESTIC LINES AND IRRIGATION SYSTEMS. WATER PRESSURE WILL BE GREATER THAN 80 PSI WHEN THE SERVICE IS INITIALLY CONNECTED OR IN THE FUTURE AS A RESULT OF PRESSURE INCREASES PLANNED WITHIN THE AREA. THE APPLICANT IS RESPONSIBLE FOR THE INITIAL INSTALLATION AND MAINTENANCE OF THE ASSEMBLIES. WHEN A CHANGE IN OWNERSHIP OCCURS, FUTURE MAINTENANCE OF THE ASSEMBLY BECOMES THE RESPONSIBILITY OF THE NEW OWNER.

TMWA TO FURNISH AND / OR INSTALL:

- FIELD INSPECTOR TO INSPECT MAINS AND SERVICES.
- 12 – 3/4" BADGER WATER METERS FOR DOMESTIC
- CONTRACTOR TO CALL 834-8030, 48 HOURS PRIOR TO START OF CONSTRUCTION TO SCHEDULE ON SITE INSPECTION. (INCLUDE WORK ORDER NUMBER)
- APPLICANT TO NOTIFY TMWA. OF ANY DESIGN OR ADDRESS CHANGES.
- ALL MATERIAL, INCLUDING BACK FILL, SHALL BE AT THE JOB SITE PRIOR TO START OF CONSTRUCTION.
- MAINTAIN POTABLE WATER AND SS/SD/NON-POTABLE VERTICAL CLEARANCES AS DEFINED NAC445A AND TMWA ENGINEERING AND CONSTRUCTION STANDARD SECTION 8. THE MINIMUM VERTICAL CLEARANCE BETWEEN TMWA'S WATER MAIN AND SS/SD/NON-POTABLE MAINS AT A CROSSING POINT SHALL BE 12-INCHES. IF SS/SD/NON-POTABLE MAINS ARE ABOVE THE TMWA WATER MAIN, OR LESS THAN 18-INCHES BELOW THE TMWA WATER MAIN, THE SS/SD/NON-POTABLE MAIN PIPE MATERIAL SHALL BE CONSTRUCTED OF SDR35 WITH WATER TIGHT JOINTS PER SEC. 203.15.01.03 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (ORANGE BOOK), OR INSTALLED WITHIN A CONTINUOUS PIPE SLEEVE WITH NO JOINTS, EXTENDING TO 10-FT. ON BOTH SIDES OF THE CROSSING, OR ENCASED WITHIN 4-INCHES OF CEMENT SLURRY EXTENDING TO 10-FT. ON BOTH SIDES OF THE POINT OF CROSSING. IN ALL CASES, WHERE A WATER MAIN WILL BE INSTALLED BELOW SS/SD/NON-POTABLE MAIN, THE POTABLE WATER MAIN MUST BE CONSTRUCTED WITH DUCTILE IRON PIPE WITH NO JOINTS WITHIN 9-FT. TO BOTH SIDES OF THE POINT OF CROSSING.

VICINITY MAP
N.T.S.