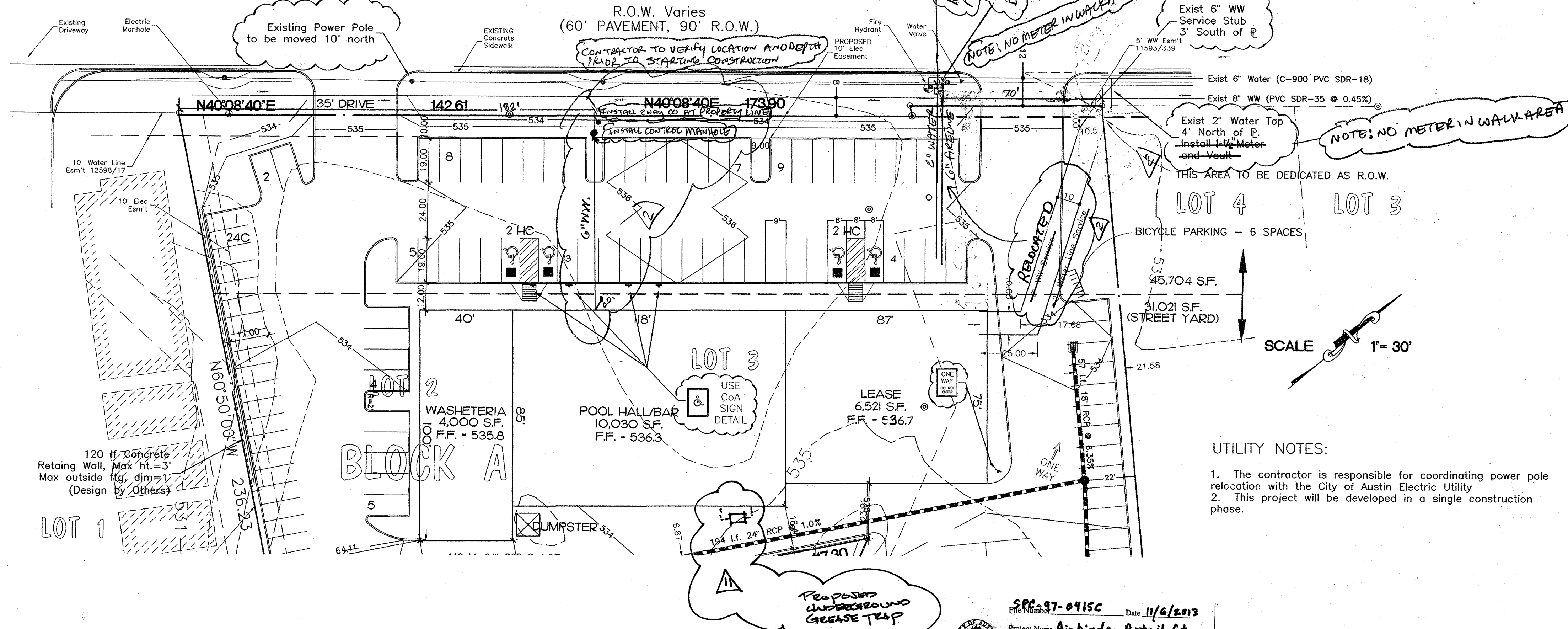


SOUTH LAMAR BOULEVARD

R.O.W. Varies
(60' PAVEMENT, 90' R.O.W.)



CITY OF AUSTIN WATER AND WASTEWATER CONSTRUCTION NOTES

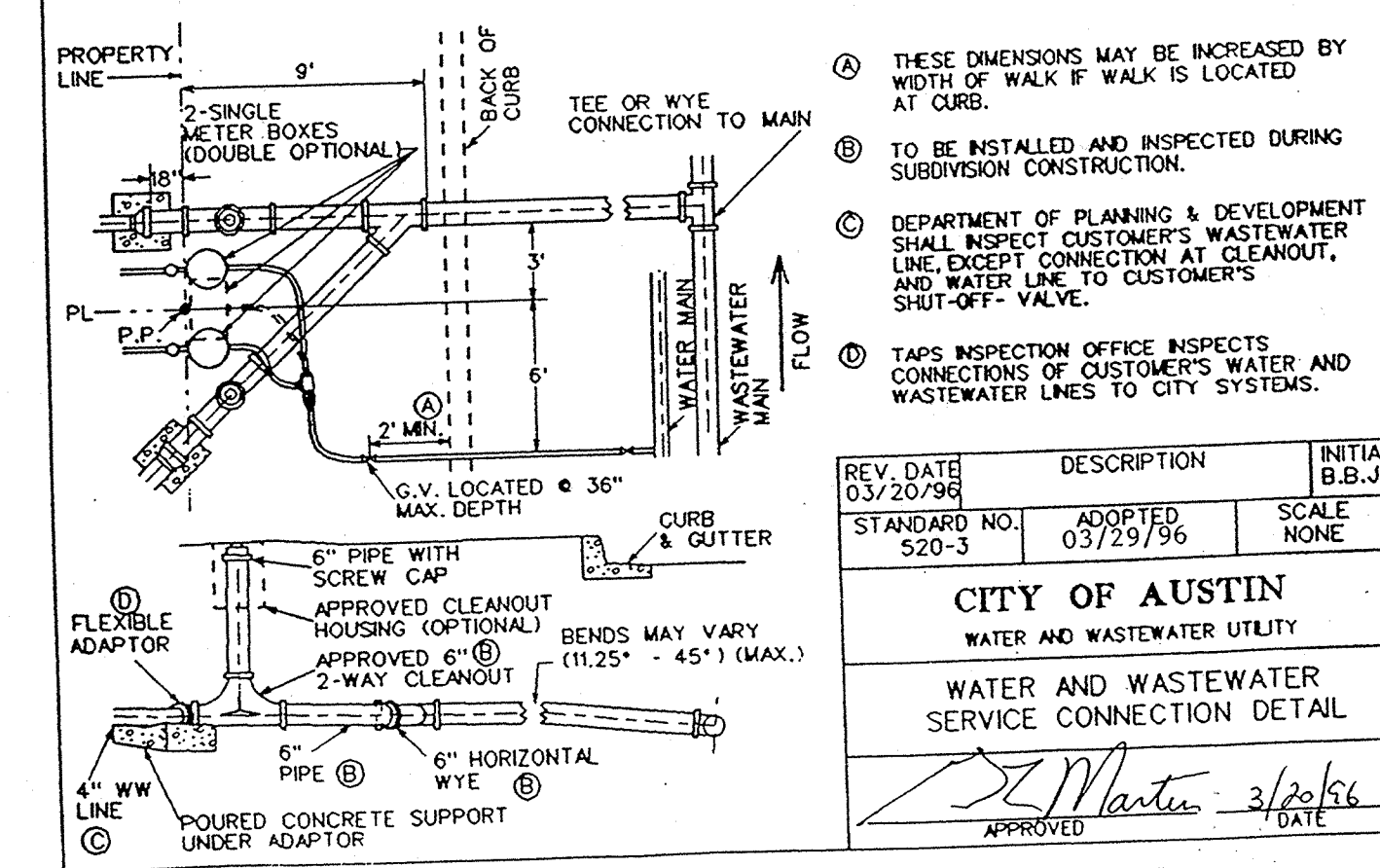
- THE STANDARD CONSTRUCTION SPECIFICATIONS CURRENT AT THE TIME OF BIDDING SHALL GOVERN MATERIALS AND METHODS USED TO DO THIS WORK.
- CONTRACTOR MUST OBTAIN A STREET CUT PERMIT FROM TRANSPORTATION AND PUBLIC SERVICES DEPARTMENT BEFORE BEGINNING CONSTRUCTION WITHIN THE RIGHT-OF-WAY OF A PUBLIC STREET OR ALLEY.
- AT LEAST 48 HOURS BEFORE BEGINNING ANY WATER AND WASTEWATER CONSTRUCTION IN PUBLIC R.O.W. OR PUBLIC EASEMENT, THE CONTRACTOR SHALL NOTIFY TRANSPORTATION AND PUBLIC SERVICES INSPECTION DIVISION FOR MAIN LINE CONSTRUCTION, OR WATER AND WASTEWATER UTILITY TAPS INSPECTION FOR TAPS ONLY CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT THE AUSTIN AREA "ONE CALL" SYSTEM AT 472-2822 FOR EXISTING UTILITY LOCATIONS PRIOR TO ANY EXCAVATION. IN ADVANCE OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES TO BE EXTENDED, TIED TO, ALTERED, OR SUBJECT TO DAMAGE/INCONVENIENCE BY THE CONSTRUCTION OPERATIONS. THE CITY OF AUSTIN WATER AND WASTEWATER MAINTENANCE RESPONSIBILITY ENDS AT R.O.W./EASEMENT LINES.
- NO OTHER UTILITY SERVICE/APPOINTMENTS SHALL BE PLACED NEAR THE PROPERTY LINE, OR OTHER ASSIGNED LOCATION DESIGNATED FOR WATER AND WASTEWATER UTILITY SERVICE THAT WOULD INTERFERE WITH THE WATER AND WASTEWATER SERVICES.
- THE CITY OF AUSTIN SPECIFICATION ITEM 509 WILL BE REQUIRED AS A MINIMUM TRENCH SAFETY MEASURE. CONTRACT DOCUMENTS WHICH INCLUDE A TRENCH SAFETY PLAN AND A PAY ITEM FOR TRENCH SAFETY MEASURES, IN COMPLIANCE WITH TEXAS HOUSE BILL 1589, MUST BE RECEIVED BY TRANSPORTATION AND PUBLIC SERVICES CONTRACT ADMINISTRATION OFFICE BEFORE BEGINNING WORK ON THE PROJECT.
- ALL MATERIAL TESTS, INCLUDING SOIL DENSITY TESTS AND RELATED SOIL ANALYSIS, SHALL BE ACCOMPLISHED BY AN INDEPENDENT LABORATORY FUNDED BY THE DEVELOPER IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 1804.04.
- PRESSURE TAPS SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 510.3 (24). THE CONTRACTOR SHALL DO ALL EXCAVATION ETC., AND SHALL FURNISH, INSTALL AND AIR TEST THE SLEEVE AND VALVE. IF A PRIVATE CONTRACTOR MAKES THE TAP, A CITY INSPECTOR MUST BE PRESENT WITH 2 WORKING DAYS (MIN.) NOTICE. CITY CREWS CAN MAKE TAPS UP TO 12 INCHES AT THE CONTRACTOR'S OFFICE, 625 EAST 10TH STREET. "SIDE ON SIZE" TAPS WILL NOT BE PERMITTED, UNLESS MADE BY USE OF AN APPROVED FULL GASKET TAPPING SLEEVE. CONCRETE BLOCKING SHALL BE PLACED BEHIND AND UNDER ALL TAP SLEEVES 24 HOURS PRIOR TO MAKING THE WET TAP.
- THRUST RESTRAINT SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 510.3 (22).
- FIRE HYDRANTS SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEM 511.4 (2). FIRE HYDRANTS IN PARK LANDS SHALL BE PAINTED GRAY.
- WATER LINE TESTING AND STERILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARD SPECIFICATION ITEMS 510.3 (27)-(29). FORCE MAIN TESTING SHALL BE CONDUCTED AT THE PRESSURES SHOWN ON THE PLANS.
- DEFLECTION TEST: DEFLECTION TEST SHALL BE PERFORMED ON ALL FLEXIBLE AND SEMI-RIGID PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE FOR AT LEAST THIRTY (30) DAYS. NO PIPE SHALL EXCEED A DEFLECTION OF 5% IF THE DEFLECTION TEST IS TO BE RUN USING A RIGID BALL OR MANDREL, IT SHALL HAVE A DIAMETER EQUAL TO 95% OF THE INSIDE DIAMETER OF THE PIPE. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.
- BENCHMARK DATA: MARK IN CURB AT SIDEWALK. ELEV.=234.15'. SURVEY DATA PER UNITED AERIAL MAPING DATED 12/25/95.
14. OFF-OF-WAY DATA PROVIDED BY CITY OF AUSTIN. FUTURE R.O.W. WIDENING WILL NOT OCCUR PER CITY OF AUSTIN.

UTILITY NOTES:

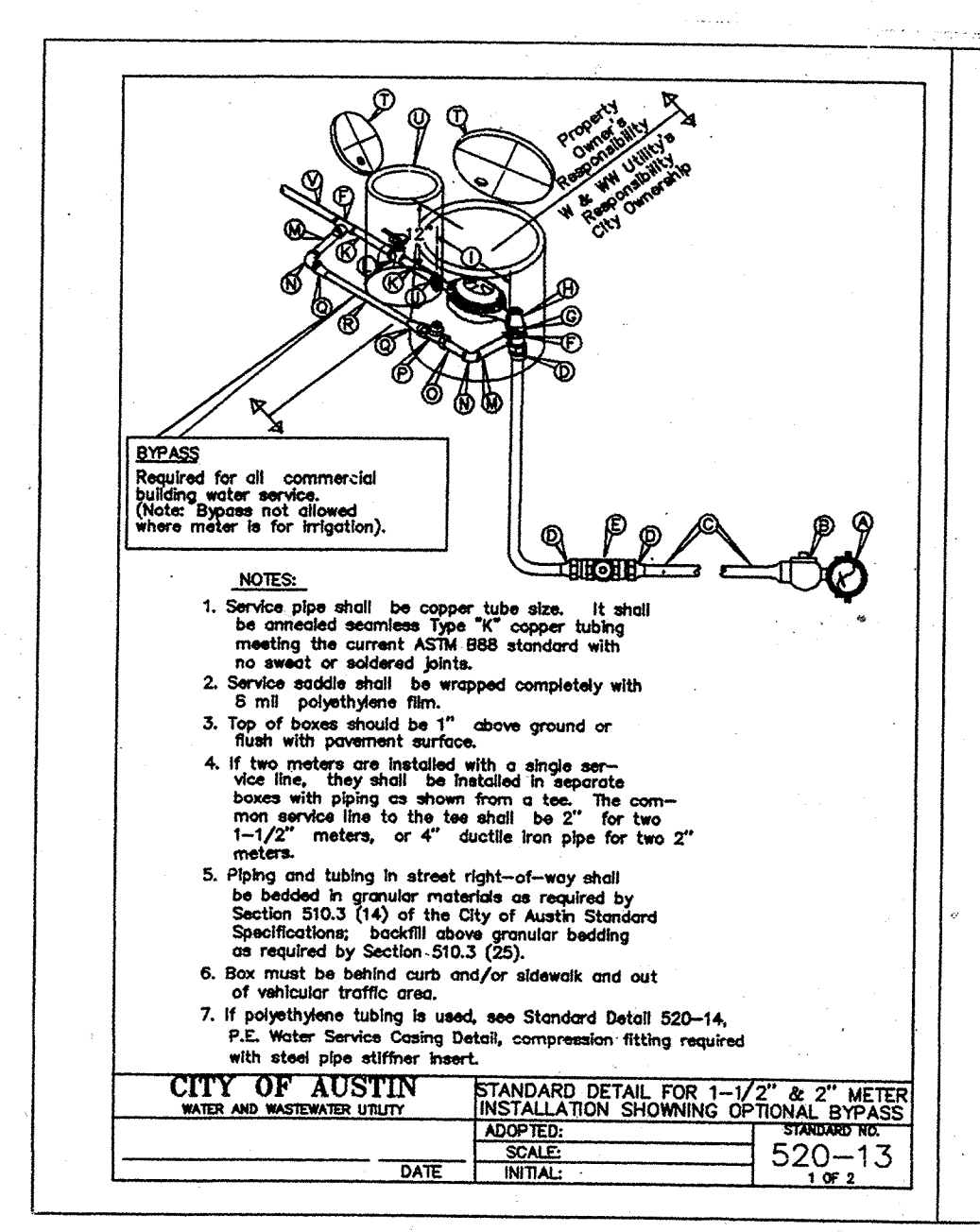
- The contractor is responsible for coordinating power pole relocation with the City of Austin Electric Utility
- This project will be developed in a single construction phase.

NOTES:

- UTILITY CONTRACTOR DURING SUBDIVISION CONSTRUCTION- INSTALLS WASTEWATER CONNECTION TO MAIN AND 6" STUB WITH HORIZONTAL WYE FOR DOUBLE SERVICE. 6" SERVICE BRANCHES WITH 2-WAY-CLEANOUTS AND RISERS FOR CLEANOUTS (CAPPED), AND PLUGS FOR BOTH 2-WAY-CLEANOUTS AT PROPERTY LINE END. ALL WASTEWATER PIPING SHALL HAVE FIBER GLASS CASSETT 1 1/2" JOINTS AND SHALL SLOPE DOWNWARD TO MAIN 12" (MIN PER FOOT) MINIMUM TO 45 DEGREE MAXIMUM DEPTH OF SERVICE STUB AT PROPERTY LINE. ALL SHALL BE SHOWN ON PLANS BY ENGINEER. CONNECTIONS GREATER THAN 6 FEET DEEP REFER TO DETAIL 520-6. UTILITY CONTRACTOR ALSO INSTALLS WATER CONNECTION TO MAIN-WATER PIPE FITTINGS AND VALVES INCLUDING TRAP. CONTRACTOR ALSO INSTALLS WATER CONNECTION TO MAIN-WATER PIPE FITTINGS AND VALVES INCLUDING TRAP. CONTRACTOR ALSO INSTALLS WATER CONNECTION TO MAIN-WATER PIPE FITTINGS AND VALVES INCLUDING TRAP. CONTRACTOR ALSO INSTALLS WATER CONNECTION TO MAIN-WATER PIPE FITTINGS AND VALVES INCLUDING TRAP.
- CUSTOMERS REMOVE PLUGS FROM 2-WAY-CLEANOUT. AT PROPERTY LINE INSTALL MINIMUM 18" LENGTH OF 6" PIPE, LAY 4" WASTEWATER LINES (EXTEND 4" PIPE 6" MINIMUM INTO 6" PIPE), JOIN 4" TO 6" LINE WITH APPROVED FLEXIBLE ADAPTOR (SPL WW-354) AND CAST CONCRETE SUPPORT BLOCK FOR ADAPTOR. BLOCK APPROVED FLEXIBLE ADAPTOR (SPL WW-354) AND CAST CONCRETE SUPPORT BLOCK FOR ADAPTOR. BLOCK APPROVED FLEXIBLE ADAPTOR (SPL WW-354) AND CAST CONCRETE SUPPORT BLOCK FOR ADAPTOR. BLOCK APPROVED FLEXIBLE ADAPTOR (SPL WW-354) AND CAST CONCRETE SUPPORT BLOCK FOR ADAPTOR.
- CUSTOMER IS RESPONSIBLE FOR METER BOX AND PIPING SYSTEM UNTIL METER IS INSTALLED AND CUSTOMER WASTEWATER IS CONNECTED. ANY MISSING OR DAMAGED PARTS SHALL BE REINSTALLED BY CUSTOMER WHO SHALL GUARANTEE FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE. THAT CONNECTIONS TO CITY SYSTEMS ARE FREE FROM DEFECTS IN WORKMANSHIP OR MATERIALS. CUSTOMER HAS THE RESPONSIBILITY ALSO TO ASSURE THAT ALL VALVES AND STOPS, METER BOX AND 2-WAY-CLEANOUTS REMAINS CLEAR OF SIDEWALKS AND OTHER OBSTRUCTIONS.
- CITY OF AUSTIN ACTIVITY IS LIMITED TO INSTALLATION OF THE WATER METER AND INSPECTION OF CONNECTIONS TO THE CITY'S WATER AND WASTEWATER SYSTEMS. FOR MAINTENANCE PURPOSES, THE CITY'S RESPONSIBILITY ENDS AT THE CUSTOMER'S WATER CUT-OFF VALVE AND AT THE CUSTOMER'S WASTEWATER CONNECTION TO THE 2-WAY-CLEANOUT.
- PIPING AND TUBING IN STREET RIGHT-OF-WAY AND IN EASEMENT AREA SHALL BE BEDDED IN GRANULAR MATERIALS AS REQUIRED BY CITY OF AUSTIN STANDARD SPECIFICATIONS SECTION 510.3 (14). MATERIALS SHALL BE AS SPECIFIED IN 510.2 (2)(a) AND (3)(b). BACKFILL ABOVE THE GRANULAR BEDDING AS REQUIRED BY SECTION 510.3 (25). SERVICE LINES IN THESE AREAS ARE TO HAVE A MINIMUM COVER BELOW FINAL STREET GRADE OF 42". ANY EXCEPTION MUST BE SPECIFICALLY APPROVED BY THE ENGINEER.
- NO METER BOX TO BE SET IN SIDEWALK AREA WITHOUT WRITTEN APPROVAL FROM WATER AND WASTEWATER UTILITY.



SP-97-0415C Date 11/6/2013
Project Name: Ainbinder Retail Ctr.
Correction/Revision # 11C Page # 9
Ken Hannon
City of Austin Water & Wastewater Utility
Add grease trap



MATERIALS LIST	METER SIZE
A. Service riser for connection to existing on existing and existing on new pipe 1/2" and smaller.	1-1/2" 2"
B. Corporation Stop - Service pipe outlet.	1-1/2" 2"
C. Service Pipe.	1-1/2" 2"
D. Coupling, service pipe to male I.P.T. (Compression Fitting)	1-1/2" 2"
E. Ball valve. See SPL WW 275.	1-1/2" 2"
F. Tee, brass.	1-1/2" x 1-1/2" x 1"
G. Close-coupled, brass.	1-1/2" x 1-1/2" x 1"
H. Angle meter stop, female I.P. thread with a flange outlet.	1-1/2" 2"
I. Meter meter length with gaskets.	13-1/2" 17-3/4"
J. Flange, brass, female I.P. thread.	1-1/2" 2"
K. Nipples, brass.	1-1/2" x 8" 2" x 8"
L. Customer's Ball valve. See SPL WW 275.	1-1/2" 2"
M. Nipples, brass.	1" x 5" 1" x 5"
N. 90 degree elbows, brass.	1" x 3" 1" x 3"
O. Nipples, brass.	1" 1"
P. Curb stop, brass, female I.P. thread both ends with lock nuts.	1" 1"
Q. Couplings, brass, service pipe to male thread.	1" 1"
R. Service pipe.	1" 1"
S. Round or rectangular meter box per Standard Products List - SPL WW-145 or WW-145A.	
T. Metal Lid - For Meter Box, Austin Pipe & Supply Co. or approved equal. If so furnished with approved equal. See: For Valve Box, Western Iron Works or approved equal.	
U. Customer cut-off valve box (Concrete). (May be 1/2" plastic 5" PVC) unless otherwise specified.	
V. Metal Pipe, 4" minimum length.	

SUBMITTED BY:
Kurt M. Prossner, P.E.
Prossner and Associates, Inc.
DATE: 2/1/98

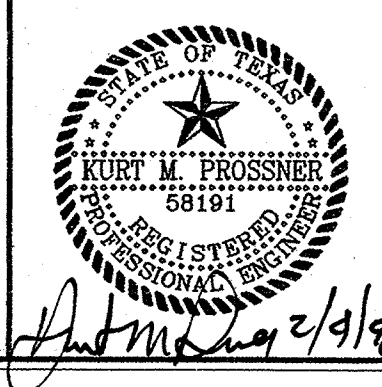
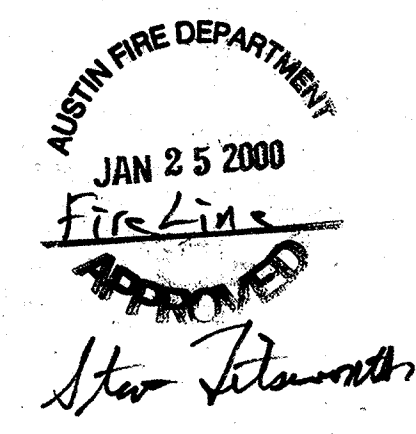
APPROVED BY:
FOR CITY OF AUSTIN WATER AND WASTEWATER DEPARTMENT
DATE: _____

WATERSHED: WEST BOULDER CREEK
URBAN WATERSHED

FLOODPLAIN: The 100 year flood plain shown hereon is consistent with the Federal Insurance Rate Map Community Panel 48453C0210 E (Effective Date 6/16/93)

OWNER(S): The Ainbinder Company
c/o Michael Ainbinder
4265 San Felipe, Suite 205
Houston, Texas 77027
(713) 892-5600

ENGINEER: PROSSNER AND ASSOCIATES, INC.
12218 HWY 620, SUITE 104
AUSTIN, TEXAS 78750
(512) 918-3343



SITE PLAN RELEASE Sheet 9 of 14
FILE NUMBER: SP-97-0415C EXPIRATION DATE: 8-25-2002
CASE MANAGER: L. Lopez-Lopez APPLICATION DATE: 10-14-97
APPROVED ADMINISTRATIVELY ON: 8-25-99
APPROVED BY PLANNING COMMISSION ON: 7-14-98
APPROVED BY CITY COUNCIL ON: _____
under Section 142 of Chapter 253 of the Austin City Code.
DATE OF RELEASE: 8-25-99 Zoning: CS, CS, CO
Rev. 1 _____ Correction 1 12-6-99 (S.A.B.)
Rev. 2 _____ Correction 2 11-9-99 (S.A.B.)
Rev. 3 _____ Correction 3 1-27-00 (L.E.L.)

APPROVED	DATE
<u>APPROVED G.F.L. (RELOCATED TAPS)</u>	<u>01-25-2000</u>
SHT. 1 OF 14	