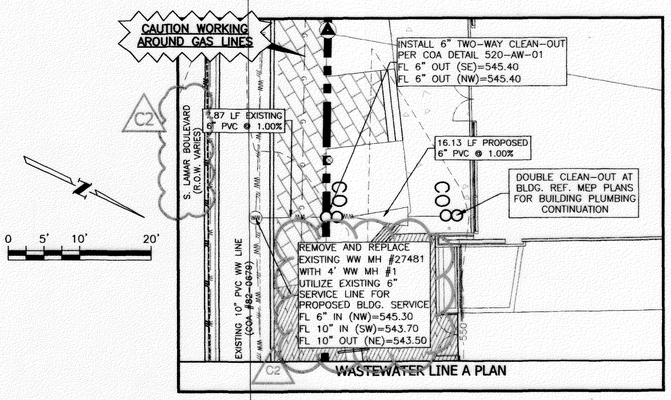
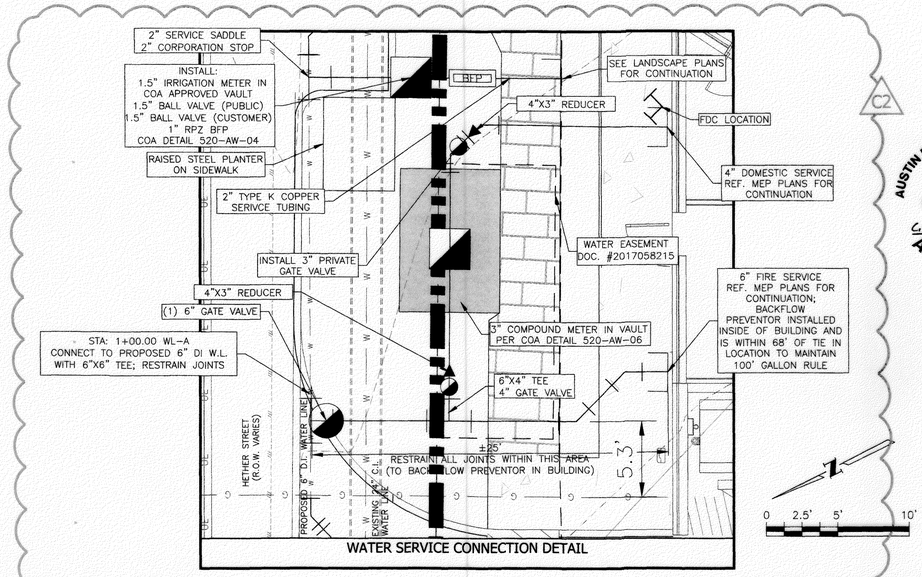
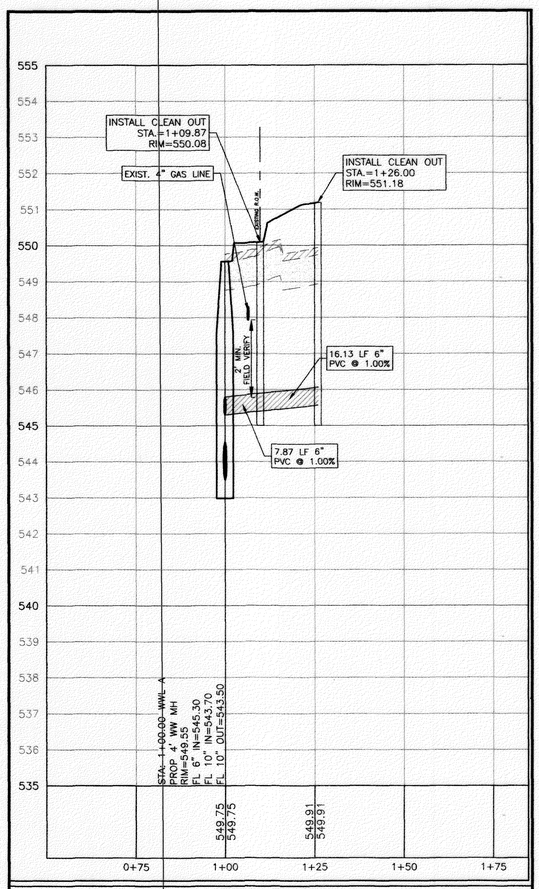


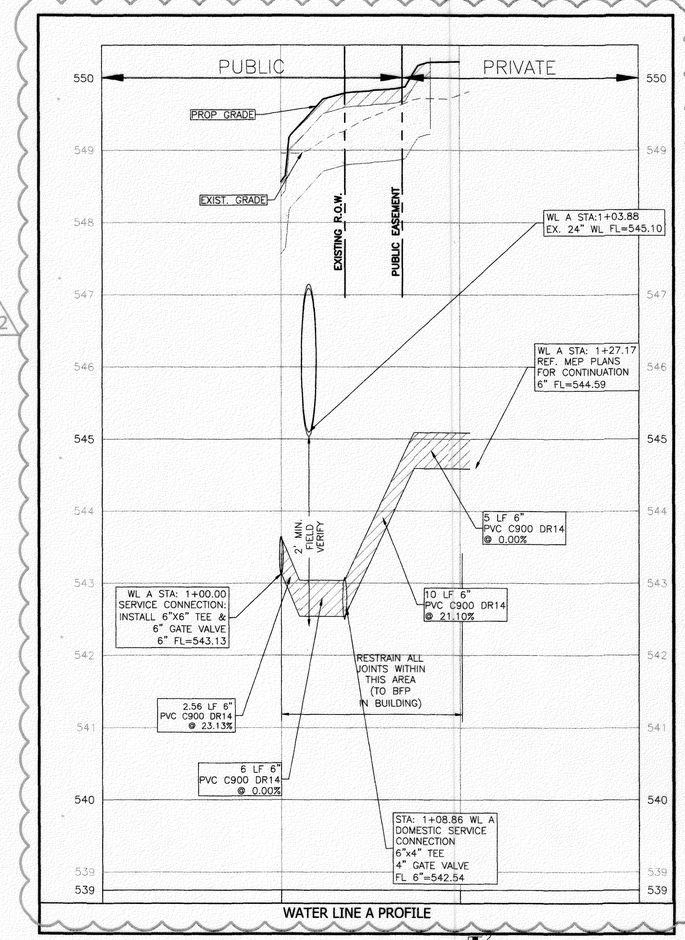
WASTEWATER LINE A PLAN



WATER SERVICE CONNECTION DETAIL



WWL A - PROFILE
NOT TO SCALE



WATER LINE A PROFILE

AUSTIN FIRE DEPARTMENT
NOV 02 2018
APPROVED

APPROVED
AUG 16 2018
INDUSTRIAL WASTE CONTROL
AUSTIN WATER

0 10' 20' HORIZ. SCALE
2' 1' 0 VERT. SCALE

PLAN LEGEND

- BOUNDARY / RIGHT OF WAY
- CURB / EDGE OF PAVEMENT
- 1020 EXIST. GRADE W/ ELEVATION
- 1020 PROP. GRADE W/ ELEVATION
- PROP. STORM DRAIN LINE
- PROP. WASTEWATER LINE
- WW EXIST. WASTEWATER LINE
- W W WATER LINE
- DIRECTION OF FLOW
- DRAINAGE INLET
- STORM DRAIN MANHOLE
- WASTEWATER MANHOLE
- CLEAN-OUT
- WATER METER VAULT
- WATER VALVE
- FIRE HYDRANT
- TREE (TO REMAIN)
- 24" WATER LINE
- PROP. WATER LINE

Irrigation Meter
METER REQUIREMENT FOR PROJECT
TYPE Turbine
SIZE 1 1/2 GPM 4/120
SERVICE UNITS 8

METER REQUIREMENT FOR PROJECT
TYPE Compound
SIZE 3" GPM 2/350
SERVICE UNITS 16

REVIEWED
AUG 16 2018
Austin Water Utility C2
Replace MH.
Meter Notice
Meters 1-1/2 inches and larger must be purchased and ordered 90 days in advance of installation.
C2 REPLACEMENT SHEET

NOTES:

1. ALL ITEMS ARE TO BE FURNISHED & INSTALLED BY CONTRACTOR. REFERENCE CONSTRUCTION DETAILS SHEETS FOR ADDITIONAL INFORMATION.
2. ALL GRAVITY LINES ARE TO BE INSTALLED FROM DOWNSTREAM TO UPSTREAM.
3. CAUTION: CONTRACTOR TO VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
4. REFERENCE GENERAL NOTES SHEET(S) FOR ADDITIONAL UTILITY NOTES.
5. REFER TO SHEET 19 FOR MANHOLE DETAILS.

NOTES:

1. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND APPURTENANCES AS CALLED OUT ON PLANS.
2. ALL WATER PIPE TO BE PVC C900 DR14 (BLUE) EXCEPT FOR FIRE HYDRANT LEADS, WHICH ARE TO BE DUCTILE IRON CL350 PER DETAIL, AND SERVICE LEADS, WHICH ARE TYPE K COPPER, PER DETAIL 520-19C.
3. ALL VERTICAL AND HORIZONTAL WATER LINE BENDS SHALL BE RESTRAINED TO THE MAIN USING MECHANICAL JOINT RESTRAINT DEVICES SUCH AS MEGA-LUG OR APPROVED EQUAL (SPL-WW-27A).
4. FILL, COMPACT & TEST GROUND AT PROPOSED FINISHED GRADE ELEVATION TO 95% DENSITY PRIOR TO UTILITY CONSTRUCTION.
5. REPAIR ASPHALT AS REQUIRED FOR INSTALLATION OF WATER & WASTEWATER LINES PER C.O.A. DETAIL 1100S-2. REFERENCE CONSTRUCTION DETAILS.
6. NO COMBUSTIBLE CONSTRUCTION SHALL BEGIN ON THIS PROJECT SITE UNTIL ADEQUATE FIRE FLOW IS AVAILABLE.
7. EXISTING SERVICE LINE LOCATIONS ARE APPROXIMATE AND NEED TO BE FIELD VERIFIED.
8. LIMITS OF CONSTRUCTION ARE SHOWN ON EROSION & SEDIMENTATION CONTROL PLAN(S).
9. ALL GRAVITY LINES ARE TO BE INSTALLED FROM DOWNSTREAM TO UPSTREAM.
10. ALL GRAVITY WASTEWATER PIPE TO BE PVC SDR-26 (GREEN).
11. LOTS WITH 65 PSI OR GREATER REQUIRE A PRV, SET AT 65 PSI, TO BE INSTALLED ON THE OWNERS SIDE OF THE WATER METER.
12. UNDERGROUND MAINS FEEDING PRIVATE FIRE HYDRANTS MUST BE INSTALLED AND TESTED IN ACCORDANCE WITH NFPA 24, AND THE FIRE CODE, BY A LICENSED CONTRACTOR WITH A PLUMBING PERMIT. THE ENTIRE MAIN MUST BY HYDROSTATICALLY TESTED AT ONE TIME, UNLESS ISOLATION VALVES ARE PROVIDED BETWEEN TESTED SECTIONS. (THERE ARE NO PRIVATE HYDRANTS ON THIS PROJECT SITE).
13. REFERENCE GENERAL NOTES SHEET(S) FOR ADDITIONAL UTILITY NOTES.

NOTES:

1. REFERENCE "SITE PLAN NOTES" ON GENERAL NOTES SHEET(S) FOR ADDITIONAL PLAN NOTES.
2. ALL ITEMS ARE TO BE FURNISHED & INSTALLED BY CONTRACTOR. REFERENCE CONSTRUCTION DETAILS SHEETS FOR ADDITIONAL INFORMATION.
3. ALL SITE DIMENSIONS ARE TO FACE OR CURB, FACE OF WALL, FACE OF BUILDING AND PROPERTY LINE UNLESS OTHERWISE NOTED.
4. LIMITS OF CONSTRUCTION ARE SHOWN ON THE EROSION & SEDIMENTATION CONTROL PLAN.
5. SCREENING FOR SOLID WASTE COLLECTION AND LOADING AREAS SHALL BE THE SAME AS, OR OF EQUAL QUALITY TO, PRINCIPAL BUILDING MATERIALS.
6. ALL SITE DIMENSIONS ARE TO FACE OF CURB, CENTER OF STRIPING, AND PROPERTY LINE UNLESS OTHERWISE NOTED.
7. YARDS, FENCES, VEGETATIVE SCREENING OR BERMS SHALL BE PROVIDED TO SCREEN ADJACENT SF-5 OR MORE RESTRICTIVE RESIDENTIAL DISTRICTS FROM VIEWS OF OFF-STREET PARKING AREAS, MECHANICAL EQUIPMENT, STORAGE AREAS, AND FOR REFUSE COLLECTION (SECTION 25-2-1066).

CONSTRUCTION NOTE:

GENERAL CONTRACTOR TO SURVEY AND CONFIRM ALL ADA, PARKING STALLS, SIDEWALKS, CURB & GUTTER AND BUILDING SLAB FORMS GRADES, PRIOR TO INSTALLATION OF ANY CONCRETE IMPROVEMENTS.

WARNING!
THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING ALL EXISTING UTILITIES BY CALLING TEXAS ONE CALL SYSTEM @ 811 FOR LOCATION OF ALL UTILITIES, AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION.

CAUTION:
CONTRACTOR TO VERIFY ALL EXISTING UTILITIES VERTICALLY AND HORIZONTALLY PRIOR TO CONSTRUCTION. CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

TREE LIST

	NUMBER	DESCRIPTION	
	5001	20" CHINABERRY	**
**	5002	20" ELM	**
**	5003	18" ELM	**
**	5004	16" ELM	**
**	5005	15" HACKBERRY	**
**	5006	12" ELM	**
**	5007	20" HACKBERRY	**
	5008	25" ELM	
**	5009	20" PALM	**
**	5010	17" PALM	**
**	5011	16" PALM	**
**	5012	20" PALM	**
	5013	8" HACKBERRY	
	5014	11" COTTONWOOD	
	5015	15" HACKBERRY	
	5016	9" HACKBERRY	
	5017	19" HACKBERRY 13 11	
	5018	8" HACKBERRY	

** DENOTES TREE TO BE REMOVED **

811 Know what's below. Call before you dig.

SITE PLAN APPROVAL Sheet 13 of 38
FILE NUMBER SP-2016-0196C APPLICATION DATE APRIL 22, 2016
APPROVED BY COMMISSION ON _____ UNDER SECTION 112 _____ OF CHAPTER 25-5 _____ OF THE CITY OF AUSTIN CODE.
EXPIRATION DATE (25-5-81, LDC) _____ CASE MANAGER SCOTT GRANTHAM
PROJECT EXPIRATION DATE (ORD.#970905-A) _____ DWPZ _____ DDZ _____
Planning and Development Review Department
RELEASED FOR GENERAL COMPLIANCE: _____ ZONING CS-MU-CO-NP
Rev. 1 _____ Correction 1 _____
Rev. 2 _____ Correction 2 _____
Rev. 3 _____ Correction 3 _____
Final plat must be recorded by the Project Expiration Date, if applicable. Subsequent Site Plans which do not comply with the Code current at the time of filing, and all required Building Permits and/or a notice of construction (if a building permit is not required), must also be approved prior to the Project Expiration Date.

NO.	DATE	REVISION	
C2	09/20/17	REVISED PRIVATE WATER CONNECTIONS, ADDED WWLA PROFILE	KJ

WWW.BIGREDDOG.COM
TEXAS REG. NO. F-11201
512.669.5560
BIG RED DOG
ENGINEERING | CONSULTING
2021 E. 5TH ST. #200 (OFFICE) • 815-A BRAZOS ST. #319 (MAIL)
AUSTIN, TEXAS 78702 (OFFICE), 78701 (MAIL)

STATE OF TEXAS — RICARDO M. DE CAMPS — 122378 — LICENSED PROFESSIONAL ENGINEER
03.26.18

2010 SOUTH LAMAR OFFICE
2010 S. LAMAR
AUSTIN, TRAVIS COUNTY, TEXAS

UTILITY PLAN AND PROFILE

SHEET
CU102
13 OF 41
SP-2016-0196C

User: Kevin.Urbis
Last Modified: Aug 15, 18 - 16:49
Plotted by: Kevin.Urbis, Aug 15, 2018 4:57 PM
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