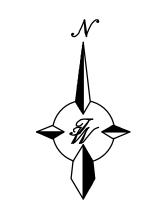
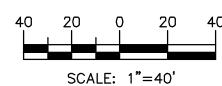


GENERAL UTILITY NOTES:

- 1. CONTRACTOR MUST COORDINATE WATER SYSTEM WITH SEWER SYSTEM TO PREVENT ANY CONFLICTS WHERE THESE LINES INTERSECT ONE ANOTHER.
- 2. PROVIDE 4 FEET OF COVER MINIMUM FOR ALL PROPOSED WATER LINES.
- 3. AREAS WHERE WATER PIPES CROSS OVER SEWER PIPES SHALL NOT HAVE ANY JOINTS.
- 4. PROPOSED WATER LINE SHALL BE 8' FROM CENTERLINE (North and East), UNLESS OTHERWISE NOTED.
- 5. NO FENCES, SIGNS, TREES OR ROCKWALLS TO BE PLACED WITHIN UTILITY EASEMENTS.
- CONTACT UTILITY COMPANIES FOR EXACT LOCATION OF UNDERGROUND UTILITIES IN THIS AREA BEFORE EXCAVATION.
- 7. INSTALL A TRENCH SAFETY SYSTEM TO PROVIDE FOR THE SAFE EXCAVATION OF ALL TRENCHES EXCEEDING A DEPTH OF (5') FEET AS PER O.S.H.A. STANDARDS.
- PROVIDE ADEQUATE CONCRETE THRUST BLOCKING AT THE FOLLOWING: TAPPING SLEEVES, TEES, BENDS, PLUGS AND ALL FITTINGS.
- 9. P.V.C. PIPE SHALL BE PLACED WITH SELECT BEDDING MATERIAL ALL
- 10. CAUTION: VERIFY LOCATION & DEPTH OF EXISTING GAS MAIN IN THE AREA OF CONSTRUCTION, BEFORE INSTALLING WATER LINE.



GRAPHIC SCALE



WATER NOTES:

- 1. CONTACT UTILITY COMPANIES FOR EXACT LOCATION FOR UNDERGROUND UTILITIES IN THE AREA.
- 2. PROVIDE ADEQUATE CONCRETE THRUST BLOCKING AT THE FOLLOWING: TAPPING, SLEEVES, TEES, BENDS, PLUGS ALL FITTINGS. REFER TO ABCWUA STANDARD DETAIL DRAWING 2320
- 3. INSTALL A TRENCH SAFETY SYSTEM TO PROVIDE FOR THE SAFE EXCAVATION OF ALL TRENCHES EXCEEDING A DEPTH OF (5') FIVE FEET AS PER O.S.H.A. STANDARDS.
- 4. ALL P.V.C. PIPE ON THIS PLAN SHALL BE ENCASED WITH SELECT BEDDING WHEN PLACED IN CITY ROW. IN SITU (ACCEPTABLE) MATERIAL CAN BE USED IN PRIVATE LINES.
- 5. ALL VALVES ON P.V.C. WATER MAINS SHALL BE ANCHORED IN CONCRETE.
- 6. CITY PAVING CUT PERMIT REQUIRED BEFORE EXCAVATION.
- 7. RECONNECTION OF EXISTING WATER LINE SYSTEM SHOWN ON THESE PLANS MUST BE MADE, SUCH THAT MINIMAL INTERRUPTION OF SERVICE TO CUSTOMER IS MADE.
- 8. ALL EXISTING LINES CURRENTLY IN SERVICE MUST REMAIN IN SERVICE THROUGHOUT CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR PROTECTING 8" SEWER LINES (INCLUDING SERVICES) FROM DAMAGE AS A RESULT OF CONSTRUCTION.
- 9. CONTRACTOR SHALL VERIFY LOCATION OF SERVICES BEFORE CONSTRUCTION.
- 10. CONTRACTOR SHALL COORDINATE WITH CITY & COUNTY CONSTRUCTION SEQUENCE AND TRAFFIC CONTROL PLANS.
- 11. CONTRACTOR SHALL PROVIDE TEMPORARY SERVICE TO CUSTOMERS IF SERVICE WILL BE INTERRUPTED FOR MORE THAN (4) HOURS IN A 24-HOUR PERIOD.
- 12. CONTRACTOR TO ADJUST WATER VALVES TO FINAL GRADE WHERE NECESSARY.

LEGEND

	CURB & GUTTER
	BOUNDARY LINE
	EASEMENT
	CENTERLINE
	RIGHT-OF-WAY
	BUILDING
	SIDEWALK
	SCREEN WALL
	RETAINING WALL
	EXISTING CURB & GUTTER
	EXISTING BOUNDARY LINE
 36" SD 	STORM SEWER LINE
8" SAS	SANITARY SEWER LINE
8" WL	WATERLINE
•	SINGLE CLEAN OUT
œ	DOUBLE CLEAN OUT
Ď.	EXISTING SD MANHOLE
III.	EXISTING INLET
Ŝ X	EXISTING SAS MANHOLE
	EXISTING FIRE HYDRANT
wv 	EXISTING WATER VALVE
	EXISTING WATER METER
•	EXISTING POWER POLE
<u>©</u>	EXISTING GAS VALVE
	EXISTING OVERHEAD UTILITIES
——————————————————————————————————————	EXISTING UNDERGROUND UTILITIES
——————————————————————————————————————	EXISTING GAS
——————————————————————————————————————	EXISTING SANITARY SEWER LINE
— — — EX. 10" WL— — —	EXISTING WATER LINE
— · — EX. 18" RCP—	EXISTING STORM SEWER LINE

MATERIALS (OR EQUIVALENT APPROVED):

- 1. SEWER TO BE SDR-35 PVC
- 2. WATER LINE TO BE C900-PVC DR18

ABCWUA NOTES:

THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT

HTTP://ABCWUA.ORG/CONTENT/VIEW/463/729/.

ISSUED FOR DR	ВС
ENGINEER'S SEAL	SA
DR. BOHANDAZ	4/
(((7868)))	MA
PROTITIONAL ENGINE	
7/28/2020	
RONALD R. BOHANNAN P.E. #7868	

DR	B ONLY	
	SARANAM AT 4701 MONTANO RD NW	DRAWN BY BF <i>DATE</i>
	MASTER UTILITY PLAN	7/28/2020 2019080_MUE
	TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109	SHEET #
IAN	(505) 858-3100 www.tierrawestllc.com	ЈОВ # 2019080

CAUTION:

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.