



SHEET GENERAL NOTES

- LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE OWNER AND UNDERGROUND SERVICES ALERT (800) 227-2600 OR 811 A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION AND SHALL POT HOLE FOR EXACT LOCATION. CONTRACTOR IS RESPONSIBLE FOR LOCATING EXISTING UTILITIES.
- THE MINIMUM ALLOWABLE PIPE COVER OVER ALL PIPES 4" NOMINAL DIAMETER AND LARGER SHALL BE 36" AS MEASURED FROM FINISH GRADE TO THE TOP OF THE PIPE.
- PROVIDE A MINIMUM OF 12" VERTICAL CLEARANCE BETWEEN (E) WATER UTILITY AND (N) RECYCLED WATER MAIN. BACKFILL BETWEEN UTILITIES WITH CONTROLLED DENSITY FILL SLURRY, MIN 5' FROM CROSSING EACH WAY.
- PROVIDE A MINIMUM OF 6" VERTICAL CLEARANCE BETWEEN EXISTING UNDERGROUND STORM, SEWER, POWER, TELECOMMUNICATIONS, AND GAS UTILITIES.
- THE MINIMUM ALLOWABLE RADIUS ON 12" NOMINAL DIAMETER PIPE SHALL BE 300 FEET. CURVATURE OF THE PIPE SHALL BE ACCOMPLISHED THROUGH LONGITUDINAL BENDING OF THE PIPE BARREL. DEFLECTION OF JOINTS IS NOT ALLOWED.
- PRIOR TO BACKFILLING, VERIFY THAT THE MANUFACTURER'S ASSEMBLY MARK ON THE PIPE JOINT IS FLUSH WITH THE END OF THE BELL.
- ALL ELBOWS, BENDS, TEES, VALVES, AND OTHER DUCTILE IRON FITTINGS INSTALLED ON THE RECYCLED WATER PIPELINE SHALL BE MECHANICALLY RESTRAINED AS SHOWN ON DETAIL 3 ON SHEET C-505.
- PROVIDE ALL FITTINGS AND TRANSITION COUPLINGS TO PROVIDE A COMPLETE AND WORKING SYSTEM.
- FROM STATION 138+00 TO WEST, CONTRACTOR TO LOCATE STREET LIGHTING CONDUIT AND CABLE.

SHEET KEYNOTES

- (N) 12" PVC DR 18 RECYCLED WATER MAIN.
- (N) 8" PVC DR 18 RECYCLED WATER PIPE.
- (N) 6" PVC DR 18 RECYCLED WATER PIPE.
- NOT USED.
- (N) 3" PVC SCH 80 RECYCLED WATER PIPE.
- (N) 1" PVC SCH 80 RECYCLED WATER PIPE.
- (N) 12" FPVC DR 18 RECYCLED WATER MAIN IN 18" FPVC DR 18 CASING INSTALLED VIA HDD. SEE PROFILE.
- (N) GATE VALVE, SIZE PER ADJOINING PIPE, UNO. SEE DETAIL 3 ON SHEET C-502.
- (N) FIRE HYDRANT. SEE DETAIL 2 ON SHEET C-502.
- (N) WATER SERVICE METER. SEE DETAIL 2 ON SHEET C-505.
- (N) TEE, SIZE PER ADJOINING PIPE, UNO.
- (N) CROSS, SIZE PER ADJOINING PIPE, UNO.
- (N) 90° ELBOW, SIZE PER ADJOINING PIPE, UNO.
- (N) 45° ELBOW, SIZE PER ADJOINING PIPE, UNO.
- (N) 22.5° ELBOW, SIZE PER ADJOINING PIPE, UNO.
- (N) 11.25° ELBOW, SIZE PER ADJOINING PIPE, UNO.
- (N) AIR RELEASE VALVE AT HIGH POINT IN WATER MAIN. SEE DETAIL 1 ON SHEET C-505.
- PLUG AND ABANDON (E) ABANDONED WATER LINE. SEE DETAIL 4 ON SHEET C-501.
- (N) RESTRAINED MECHANICAL PLUGS WHERE SHOWN ON PLAN.
- (N) BACKFLOW PREVENTER AND PRESSURE REDUCER. SEE DETAIL 4 ON SHEET C-502.
- (N) REDUCER, SIZE PER ADJOINING PIPE, UNO.

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Bar is one inch on original size sheet
0 1"

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Client **MENDOCINO CITY COMMUNITY SERVICES DISTRICT**
Project **RECYCLED WATER DISTRIBUTION AND STORAGE IMPROVEMENTS**
Title **RECYCLED WATER LINE - STA 181+00 TO 182+31**

Project No. **12619547**

Original Size
ANSI D Drawing No. **C-119**

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