

9/22/2017 1:57:59 PM - P:\277121\31-27712-13001\CAD\SHSHEETFILES\WATERLINE PLANS - AY QTY AND NOTES_WATERLINE.DWG - SCHUMACHER, MIKE

| SUMMARY OF WATERLINE | | | | | | | |
|----------------------|---|-------------|----------------------------|-----------------------|-------------------------------------|-------------------------------|-------------|
| END SPEC. ITEM NO. | DESCRIPTION | UNIT | CHEST NUT 6" & 8" WL SHT 6 | CHEST NUT 8" WL SHT 7 | CLEVELAND 16" & 24" WATERLINE SHT 8 | CLEVELAND 18" WATERLINE SHT 9 | TOTAL QUAN. |
| | MOBILIZATION | LSUM | | | | | 1 |
| | BONDS AND INSURANCE | LSUM | | | | | 1 |
| | SEED AND FERTILIZE ALL DISTURBED AREAS | LSUM | | | | | 1 |
| | DEWATERING | LSUM | | | | | 1 |
| | HYDROSTATIC PRESSURE TESTING AND DISINFECTION | LSUM | | | | | 1 |
| | CONSTRUCTION STAKING (CONSTRUCTION SURVEY) | L.SUM | | | | | 1 |
| | GPS "AS-BUILT" SURVEY | L.SUM | | | | | 1 |
| | COLOR AUDIO/VIDEO RECORDING, PRE AND POST CONSTRUCTION (RECORDED DIGITAL) | L.SUM | | | | | 1 |
| | CONSTRUCTION SIGNING AND TRAFFIC CONTROL | L.SUM | | | | | 1 |
| | CLEARING AND GRUBBING | L.SUM | | | | | 1 |
| | SEDIMENT AND EROSION CONTROL | L.SUM | | | | | 1 |
| | SILT FENCE | (W2) LF | 573 | 623 | 234 | | 1430 |
| | WATER METER RESET | EA | 1 | | 1 | | 2 |
| 408.1 | 6" PVC WATERLINE, FINISHED AND LAID, COMPLETE IN PLACE | (3) LF | 5 | 6 | 4 | | 15 |
| 408.1 | 8" PVC WATERLINE, FINISHED AND LAID, COMPLETE IN PLACE | (3) LF | 691 | 738 | 14 | | 1443 |
| 404.1 | 12" DUCTILE IRON PIPE WATERLINE, FINISHED AND LAID, COMPLETE IN PLACE | (3) LF | | | 15 | | 15 |
| 404.1 | 16" DUCTILE IRON PIPE WATERLINE, FINISHED AND LAID, COMPLETE IN PLACE | (3) LF | | | 537 | | 537 |
| 404.1 | 18" DUCTILE IRON PIPE WATERLINE, FINISHED AND LAID, COMPLETE IN PLACE | (3) LF | | | | 76 | 76 |
| 404.1 | 24" DUCTILE IRON PIPE WATERLINE, FINISHED AND LAID, COMPLETE IN PLACE | (3) LF | | | 68 | | 68 |
| 404.1 | DUCTILE IRON FITTINGS | (W1)(1) LBS | 852 | 3312 | 15431 | 2805 | 24640 |
| | 24" 11 1/4 DEGREE FITTING (DIP) | (W1) EA | | | 2 | | 2 |
| | 24" 45 DEGREE FITTING (DIP) | (W1) EA | | | 2 | | 2 |
| | 18" 11 1/4 DEGREE FITTING (DIP) | (W1) EA | | | | 2 | 2 |
| | 18" 90 DEGREE FITTING (DIP) | (W1) EA | | | | 1 | 1 |
| | 12" 90 DEGREE FITTING (DIP) | (W1) EA | | | 1 | | 1 |
| | 16" 11 1/4 DEGREE FITTING (DIP) | (W1) EA | | | 1 | | 1 |
| | 16" 22 1/2 DEGREE FITTING (DIP) | (W1) EA | | | 1 | | 1 |
| | 16" 90 DEGREE FITTING (DIP) | (W1) EA | | | 1 | | 1 |
| | 16" 45 DEGREE FITTING (DIP) | (W1) EA | | 1 | 2 | | 3 |
| | 8" 90 DEGREE FITTING (DIP) | (W1) EA | 2 | 2 | | | 4 |
| | 8" 45 DEGREE FITTING (DIP) | (W1) EA | 2 | 9 | | | 11 |
| | 8"x8" TEE | (W1) EA | 1 | 1 | | | 2 |
| | 8"x6" TEE | (W1) EA | 1 | 1 | | | 2 |
| | 16"x6" TEE | (W1) EA | | | 1 | | 1 |
| | 16"x8" TEE | (W1) EA | | 2 | 2 | | 4 |
| | 16"x16" TEE | (W1) EA | | | 1 | | 1 |
| | 16"x8" REDUCER | (W1) EA | | 1 | 1 | | 2 |
| | 16"x12" REDUCER | (W1) EA | | | 1 | | 1 |
| | 24"x24" TEE | (W1) EA | | | 2 | | 2 |
| | 24"x18" TEE | (W1) EA | | | 1 | 1 | 2 |
| | 24"x16" TEE | (W1) EA | | | 1 | | 1 |
| | 24"x16" REDUCER | (W1) EA | | | 2 | | 2 |
| | 16"x12" TEE, CUT IN, COMPLETE IN PLACE | (W1) EA | | | 1 | | 1 |
| | 8" CAP | (W1) EA | 1 | 1 | | | 2 |
| | 12" CAP | (W1) EA | | | 1 | | 1 |
| | 16" CAP | (W1) EA | | | 1 | 2 | 3 |
| | 18" CAP | (W1) EA | | | 1 | | 1 |

| SUMMARY OF WATERLINE | | | | | | | |
|----------------------|---|--------|----------------------------|-----------------------|-------------------------------------|-------------------------------|-------------|
| END SPEC. ITEM NO. | DESCRIPTION | UNIT | CHEST NUT 6" & 8" WL SHT 6 | CHEST NUT 8" WL SHT 7 | CLEVELAND 16" & 24" WATERLINE SHT 8 | CLEVELAND 18" WATERLINE SHT 9 | TOTAL QUAN. |
| | 12" POLYETHYLENE ENCASEMENT | LF | | | 16 | | 16 |
| | 16" POLYETHYLENE ENCASEMENT | LF | | | 591 | | 591 |
| | 18" POLYETHYLENE ENCASEMENT | LF | | | | 83 | 83 |
| | 24" POLYETHYLENE ENCASEMENT | LF | | | 74 | | 74 |
| | MEGA-LUG 1106 | EA | | | 3 | | 3 |
| | MEGA-LUG 1108 | EA | 2 | | | | 2 |
| | MEGA-LUG 1112 | EA | | | 4 | | 4 |
| | MEGA-LUG 1116 | EA | | 1 | 26 | | 27 |
| | MEGA-LUG 1118 | EA | | | 1 | 10 | 11 |
| | MEGA-LUG 1124 | EA | | | 27 | 2 | 29 |
| | MEGA-LUG 2006 | EA | 2 | 2 | | | 4 |
| | MEGA-LUG 2008 | EA | 20 | 33 | 6 | | 59 |
| | 6" GATE VALVE IN BOX, IN PLACE | EA | 1 | 1 | 1 | | 3 |
| | 8" GATE VALVE IN BOX, IN PLACE | EA | 4 | 4 | 2 | | 10 |
| | 16" GATE VALVE IN BOX, IN PLACE | EA | | | 3 | | 3 |
| | 18" GATE VALVE IN BOX, IN PLACE | EA | | | | 2 | 2 |
| | 24" GATE VALVE IN BOX, IN PLACE | EA | | | 4 | | 4 |
| | 8"x8" TAPPING SLEEVE, IN PLACE | EA | 1 | 1 | | | 2 |
| 404.8 | FIRE HYDRANT, IN PLACE | (2) EA | 1 | 1 | 1 | | 3 |
| 415.2 | SERVICE CONNECTION (SHORT) | EA | | | 1 | | 1 |
| 316.0 | CONNECT TO EXISTING 24" WATERLINE | EA | | | 1 | | 1 |
| 316.0 | CONNECT TO EXISTING 16" WATERLINE | EA | | | 1 | | 1 |
| 316.0 | CONNECT TO EXISTING 12" WATERLINE | EA | | | 1 | | 1 |
| 316.0 | CONNECT TO EXISTING 8" WATERLINE | EA | 2 | 1 | 1 | | 4 |
| | THRUST BLOCKS | CY | 2 | 9 | 72 | 32 | 115 |
| | TREE REMOVAL | EA | | | 1 | | 1 |
| 320.0 | 12" BORE STEEL CASING (12") | LF | 135 | 45 | | | 180 |
| 320.0 | 54" BORE STEEL CASING (54") (ALTERNATE) | lf | | 97 | | | 97 |
| | REMOVE EXISTING FIRE HYDRANT | EA | 1 | | | | 1 |
| | REMOVE EXISTING 24" GATE VALVE | EA | | | 1 | | 1 |
| 411.0 | TACK COAT (0.15 Gal/YD ²) | GAL | 1 | 5 | 8 | 4 | 18 |
| 503.0 | FULL DEPTH ASPHALT PATCH | SY | 5 | 36 | 50 | 29 | 120 |
| 504.0 | FULL DEPTH CONCRETE PATCH | SY | | | 126 | | 126 |
| | ALTERNATE - INSTALL 16" HYDRA-STOP | EA | | | 1 | | 1 |

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|-----------------------|-----|--|------------------------|--|
| DESIGN | | | CITY OF ENID | |
| DRAWN | TT | | <h1>SUMMARY SHEET</h1> | |
| CHECKED | MLD | | | |
| APPROVED | MLD | | | |
| SQUAD | | | | |
| CITY PROJECT: W-1406B | | | SHEET NO. 4 | |