

NE 1/4, SW 1/4
SECTION 30
T-15-N, R-22-W

NW 1/4, SE 1/4
SECTION 30
T-15-N, R-22-W

NE 1/4, SE 1/4
SECTION 30
T-15-N, R-22-W

APPROX 40 LINE

APPROX. 1/4 SECTION LINE

SE 1/4, SW 1/4
SECTION 30
T-15-N, R-22-W

SW 1/4, SE 1/4
SECTION 30
T-15-N, R-22-W

SE 1/4, SE 1/4
SECTION 30
T-15-N, R-22-W

LOCAL HIGH POINT, LINE 1
ELEVATION = 2295 MSL
STATIC PRESSURE = 80 PSI

STA. 24+50
PIPE CLASS CHANGE, LINE 1
ELEVATION = 2190 MSL
STATIC PRESSURE = 125 PSI

STA. 17+00, LINE 1
FURNISH & INSTALL:
(1) 3" GATE VALVE

LOCAL LOW POINT, LINE 1
ELEVATION = 2265 MSL
STATIC PRESSURE = 93 PSI

STA. 0+00, LINE 1
CONNECT TO EXISTING 3" WATER
MAIN BY CUTTING IN A 3"x3" TEE.
FURNISH & INSTALL:
(1) 3" GATE VALVE,
(1) 3" 22.5' BEND,
(1) 1" SERVICE LINE CONNECTION.
THIS CONNECTION SHALL NOT BE
MADE UNTIL THE NEWLY INSTALLED
LINE IS LEAK TESTED, STERILIZED,
AND PLACED INTO SERVICE.
BEGIN LINE 1.

HIGH POINT, LINE 1
ELEVATION = 2300 MSL
STATIC PRESSURE = 78 PSI

FURNISH &
INSTALL 3"
22.5' BEND.

FURNISH & INSTALL
±20 L.F. GRAVEL
DRIVEWAY CROSSING.

FURNISH &
INSTALL 3"
22.5' BEND.

STA. 0+00 TO STA. 37+00, LINE 1
BASIS OF PRESSURE IS
TANK #2: O.F. = 2480'

CONNECTION POINT, LINE 1
ELEVATION = 2255 MSL
STATIC PRESSURE = 98 PSI

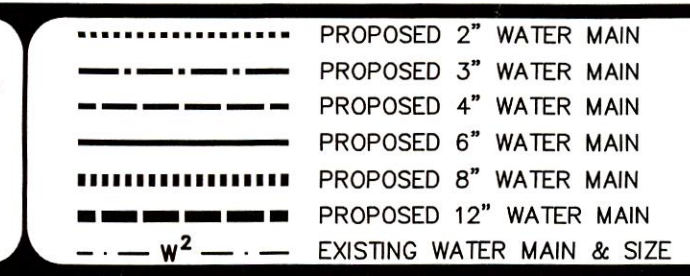
NE 1/4, NW 1/4
SECTION 31
T-15-N, R-22-W

NW 1/4, NE 1/4
SECTION 31
T-15-N, R-22-W

NE 1/4, NE 1/4
SECTION 31
T-15-N, R-22-W

LINE 1 — CLASS 200 (ASTM SDR-21) & CLASS 250 (ASTM SDR-17) PVC

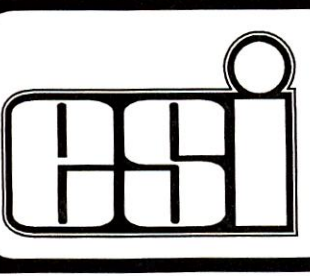
- GENERAL NOTES:
- (1) All water mains to have a minimum cover of 36 inches over the top of the pipe.
 - (2) The owner will provide easements where transmission mains cross private property.
 - (3) The contractor shall locate all existing utilities before proceeding with construction. Existing utilities typically are not shown on these plans.



- LEGEND
- PROPOSED 2" WATER MAIN
 - PROPOSED 3" WATER MAIN
 - PROPOSED 4" WATER MAIN
 - PROPOSED 6" WATER MAIN
 - PROPOSED 8" WATER MAIN
 - PROPOSED 12" WATER MAIN
 - EXISTING WATER MAIN & SIZE
 - SINGLE METER SETTING
 - DOUBLE METER SETTING
 - SINGLE METER SETTING
 - 1" METER SETTING
 - PROPOSED AIR RELEASE VALVE
 - PROPOSED PRESSURE REDUCING VALVE
 - PROPOSED GATE VALVE
 - PROPOSED BLOW-OFF
 - PROPOSED 3-WAY FIRE HYDRANT
 - PROPOSED 2-WAY FIRE HYDRANT
 - PROPOSED LEAK DETECTION METER

REVISION	DATE	DESCRIPTION

SCALE: 1" = ±100'
DATE: JULY 2009
ENGINEER: T.M.
DRAWN BY:
W.O. 08803



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WATER MAIN EXTENSION
SHILOH ROAD & MURRAY ROAD
MT. SHERMAN WATER ASSOCIATION
NEWTON COUNTY, ARKANSAS

SHEET
No.
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