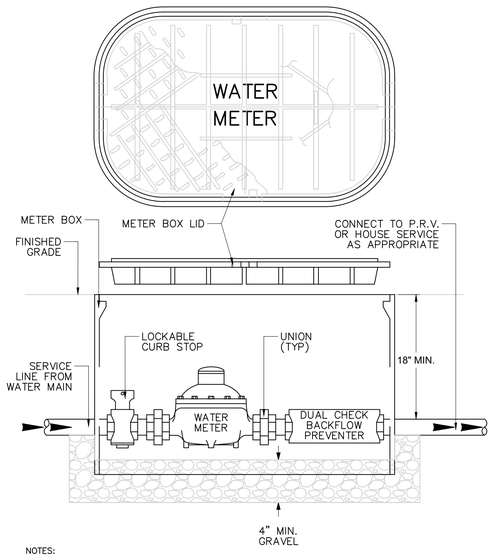

NOTES:

1. VERIFY WATER METER AND METER BOX, SIZES AND TYPES WITH WATER SERVICE SUPPLIER PRIOR TO INSTALLATION.

2. DO NOT INSTALL DUAL CHECK BACKFLOW PREVENTER IF A REDUCED PRESSURE ZONE OR DOUBLE CHECK VALVE ASSEMBALY IS INSTALLED OUTSIDE OF METER BOX.

RESIDENTIAL METER DETAIL

SCALE: NTS

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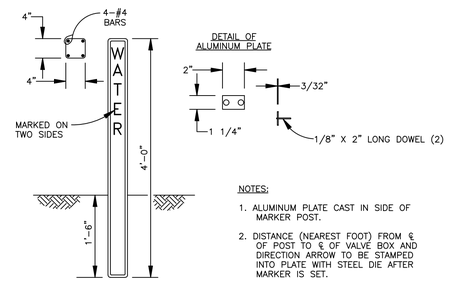

NOTES:

1. ALUMINUM PLATE CAST IN SIDE OF MARKER POST.

2. DISTANCE (NEAREST FOOT) FROM ℄ OF POST TO ℄ OF VALVE BOX AND DIRECTION ARROW TO BE STAMPED INTO PLATE WITH STEEL DIE AFTER MARKER IS SET.

VALVE MARKER DETAIL

SCALE: NTS

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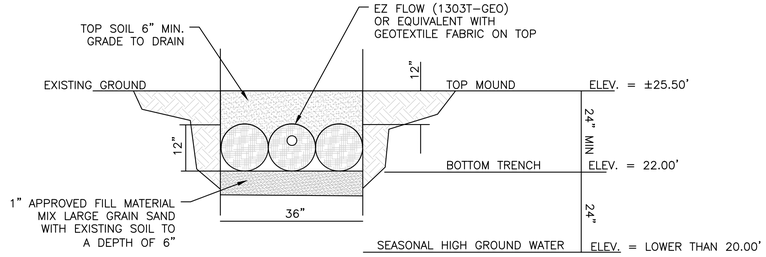
SEPTIC SYSTEM NOTES:

1. SEPTIC SYSTEM SITE PREPARATION AND FILLING PROCEDURES SHALL FOLLOW GUIDELINES AND RULES ESTABLISHED IN THE "MANUAL FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS". RULES AND REGULATIONS FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS AND ON-SITE SEWAGE FILL REQUIREMENTS BY THE STATE OF GEORGIA DEPARTMENT OF PUBLIC HEALTH (GaDPH).
2. NO PERSON MAY COVER OR USE AN ON-SITE SEWAGE MANAGEMENT SYSTEM UNTIL FINAL INSPECTION HAS BEEN MADE BY THE GaDPH TO DETERMINE COMPLIANCE WITH PROVISIONS OF THE CONSTRUCTION PERMIT ISSUED FOR THIS SITE AND WRITTEN APPROVAL HAS BEEN ISSUED BY GaDPH.
3. ALL SOLID PIPE AND FITTINGS USED IN AN ON-SITE SEWAGE DISPOSAL SYSTEM, BEGINNING AT THE BUILDING SHALL BE NSF INTERNATIONAL SCHEDULE 40 PVC OR EQUIVALENT AND SHALL BE A MINIMUM OF 4" IN DIAMETER. SEWERS UNDER DRIVEWAYS OF SIMILAR AREAS OF LOAD OR IMPACT SHALL BE OF MATERIAL CAPABLE OF WITHSTANDING ANTICIPATED LOADS OR INSTALLED SO AS TO PROVIDE PROTECTION FROM CRUSHING.
4. SEE SOIL REPORT FOR SOIL TYPES AND SITE EVALUATION.
5. REMOVE TOPSOIL PRIOR TO PLACING ANY FILL MATERIAL.

SEWAGE SYSTEM CALCULATIONS:

- 5 FTE'S AT 25GPD/FTE = 125 GPD (PEAK FLOW = 250 GPD)
- USE 1,000 GALLON SEPTIC TANK
- SOIL TYPE FROM LEVEL 3 SOIL REPORT AT THE LOCATION OF THE SYSTEM IS FOXWORTH LOW
- DRAINFIELD IS IN FOXWORTH LOW SOIL
- DEPTH TO SEASONAL HIGH GROUND WATER IS GREATER THAN 48" FROM NATURAL GROUND PRIOR TO FILLING ACTIVITIES
- ABSORPTION RATE AT TRENCH DEPTH IS 10 MIN./IN.
- TRENCH BOTTOM WIDTH = 3 FEET
- LENGTH OF TRENCH = ((10^.5)/5)(250GPD)/3FT = 53 LF
- 25% REDUCTION FOR EZ FLOW BRAND = (53 LF)(0.75) = 39.75 LF
- USE 50 FEET



TYPICAL DRAINFIELD CROSS SECTION

SCALE: NTS

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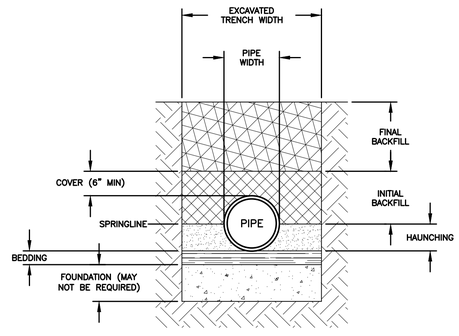

NOTE:

BEDDING FOR PVC PIPE SHALL CONFORM TO REQUIREMENTS OF ASTM D2321, LATEST EDITION, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS".

PVC PIPE BEDDING DETAIL

SCALE: NTS

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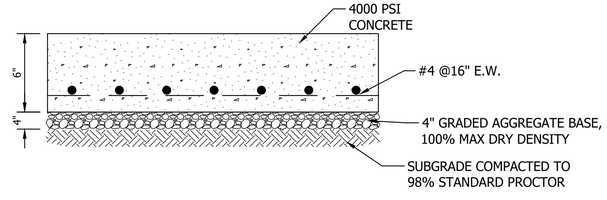

CONCRETE PAVEMENT CROSS SECTION

SCALE: NTS

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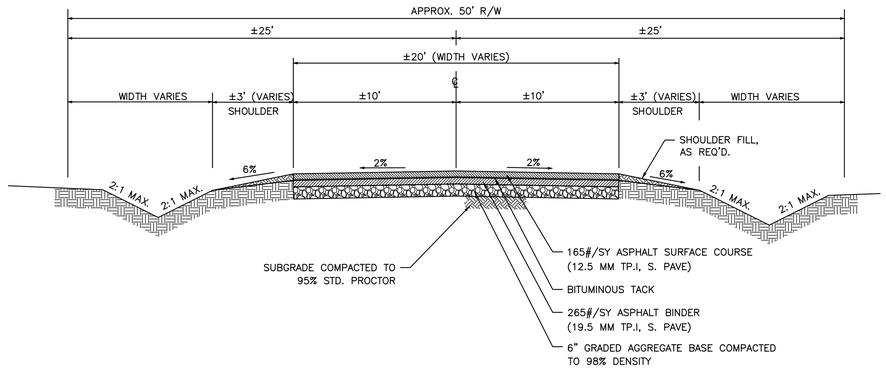

TYPICAL PAVEMENT SECTION

SCALE: NTS

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BRENNAN JONES ENG. ASSOC., LLC
7513 MASON FALLS DR., WINSTON, GEORGIA
(P) 770-688-5148 (F) 770-577-0300

GEORGIA REGISTERED 7/15/18 No. 23334 PROFESSIONAL ENGINEER BRENNAN D. JONES

Rev.	Description	Date	Apr.
1	Addendum 1	2/7/19	

Drawn by: DWV | Check by: BDJ
Design by: BDJ | Review by: BDJ
Date: 7/15/18
Project #
SCALE: AS SHOWN U.N.O.

SHELLMAN BLUFF FIRE STATION
MCINTOSH COUNTY, GEORGIA

STANDARD DETAILS - 1

DRAWING NO. C-301
SHEET NO. 8 OF 8

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THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE