

100.0

PROPOSED

4 BEDROOM

DWELLING

CF=95.25

4" SCH40 PVC-

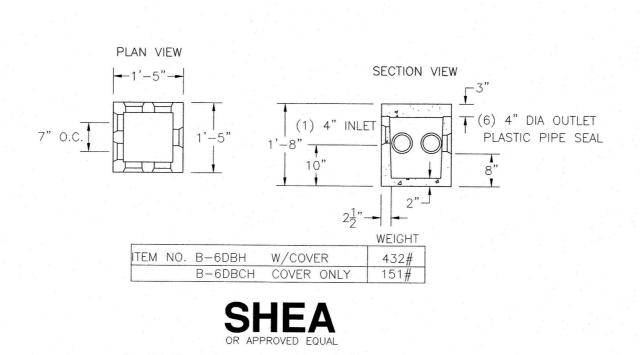
SYSTEM PROFILE

DATUM ELEVATION=85.00 (ASSUMED)

INV.=94.17

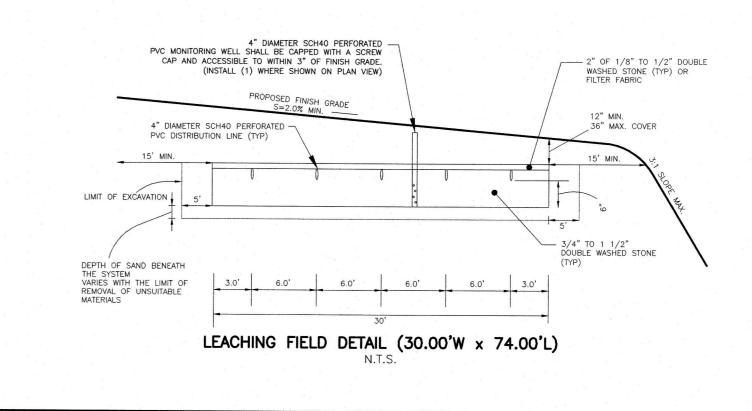
+" SCH40 PVC

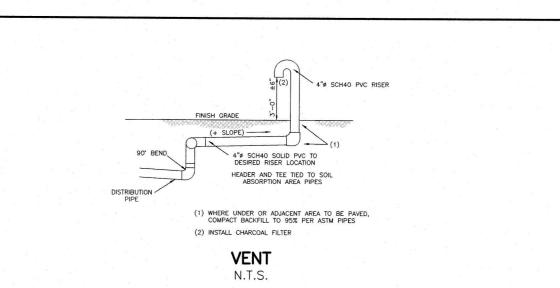
L=29'± (1% MIN)



6 OUTLET H-20 DISTRIBUTION BOX

1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS. 2. DESIGN CONFORMS WITH 310 CMR 15.000. DEP TITLE 5 REGS, FOR DISTRIBUTION BOXES. 3. CONTRACTOR SHALL INSURE THAT ALL INLETS AND OUTLETS ARE MADE WATERTIGHT. 4. CONTRACTOR SHALL INSURE THAT DISTRIBUTION BOXES ARE SET ON A MINIMUM OF 6" OF MECHANICALLY COMPACT CRUSHED STONE. 5. THE INVERT ELEVATION OF ALL OUTLETS SHALL BE EQUAL TO EACH OTHER AND LOCATED AT LEAST 2" BELOW THE INVERT OF THE INLET. 6. INLET TEES IN DISTRIBUTION BOXES SHALL BE INSTALLED IN ACCORDANCE TO 310 CMR 15.232 (3)(A) AND THE OUTLET INVERT.





INSTALL MONITORING WELL W/SCREW

TO WITHIN 3" OF FINISH GRADE

2" OF 1/8" TO 1/2" DOUBLE WASHED STONE

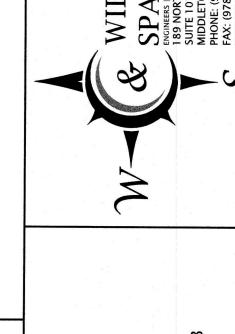
3/4" TO 1 1/2" DOUBLE WASHED STONE

4" PERFORATED SCH40 PVC S=0.5%

BOTTOM OF 74.0' LONG LEACH

BED LEVEL @ 91.40

FILL MATERIAL SHALL BE IN COMPLIANCE



2 SHEET

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4

- INSTALL VENT IN

COMPLIANCE WITH

310 CMR 15.241

(SEE DETAIL)

(12" MIN.)

4" INV.=91.90

-BREAKOUT=92.40

7

DRAWING

WITH 310 CMR 15.255 ESHGWT DOWN 26" FROM TP 22-4 ELEV.=87.33 REMOVE TOP & SUBSOIL LAYERS -(SEE SOIL LOGS FOR DEPTH)

FIRST 2' OF PVC TO

4" SCH40 PVC

S=1.0%

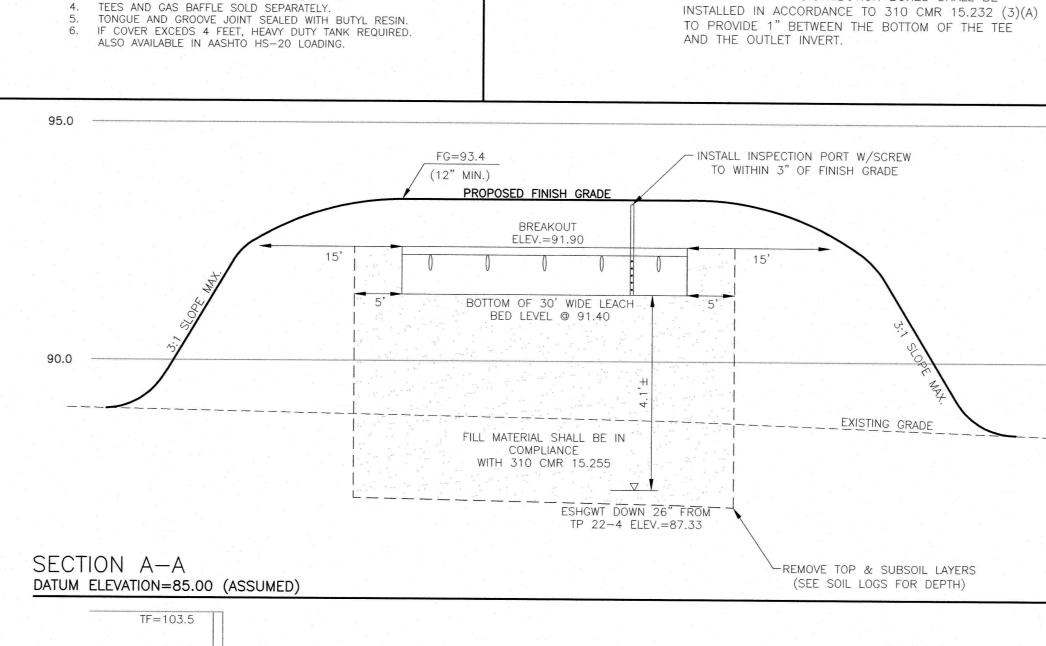
L=16.3'

BE LEVEL

(36" MAX.)

-BREAKOUT=92.71

\\ 4" INV.=92.21



FG=96.0

(36" MAX.)

PROPOSED 1,500 GAL.

SEPTIC TANK

4" INV. IN=93.75 4" INV. OUT=93.50

(SEE DETAIL)

MONOLITHIC TWO COMPARTMENT

MAXIMUM FINISH GRADE=97.83

MINIMUM FINISH GRADE=95.58 TOP OF TANK ELEVATION=94.83

SET ON 6" BED OF CRUSHED STONE

BOTTOM OF TANK ELEVATION=89.17

EXTEND ACCESS COVER TO FINISH GRADE AND SECURE COVER TO

4" SCH40 PVC

S=1.0% L=90'

PROPOSED 6 OUTLET -DISTRIBUTION BOX

OF CRUSHED STONE

4" INV. IN=92.55

4" INV. OUT=92.38

EXISTING GRADE

EXTEND ACCESS COVER TO WITHIN

6" OF FINISH GRADE (SEE DETAIL)

SET ON 6" BED

PREVENT UNAUTHORIZED ACCESS