



PO BOX 189 | MILFORD, NY 13807 | 607-286-7244

www.otsegoruralhousing.org

REHABILITATION ESTIMATE

Name: Identifying details have been removed for client privacy.
Address: Contact our office if you are interested in this project, and we
Phone: will provide them to you.

New Septic System

Otsego Rural Housing Assistance, Inc. is seeking bids for the installation of a new septic system in the Town of Pittsfield. Attached you will find the engineer's design, with the household's name and address redacted. Contact our office for originals.

This project will ultimately result in replacing the existing mobile home with a new mobile home. A Request for Proposal will be sent out for additional site work at a later date.

If you have any questions regarding the RFP, please give our office a call at 607.286.7244 or email barbara@otsegoruralhousing.org

Please let us know if this **is** or **is not** of interest to you.

Contractor: _____

Price: _____

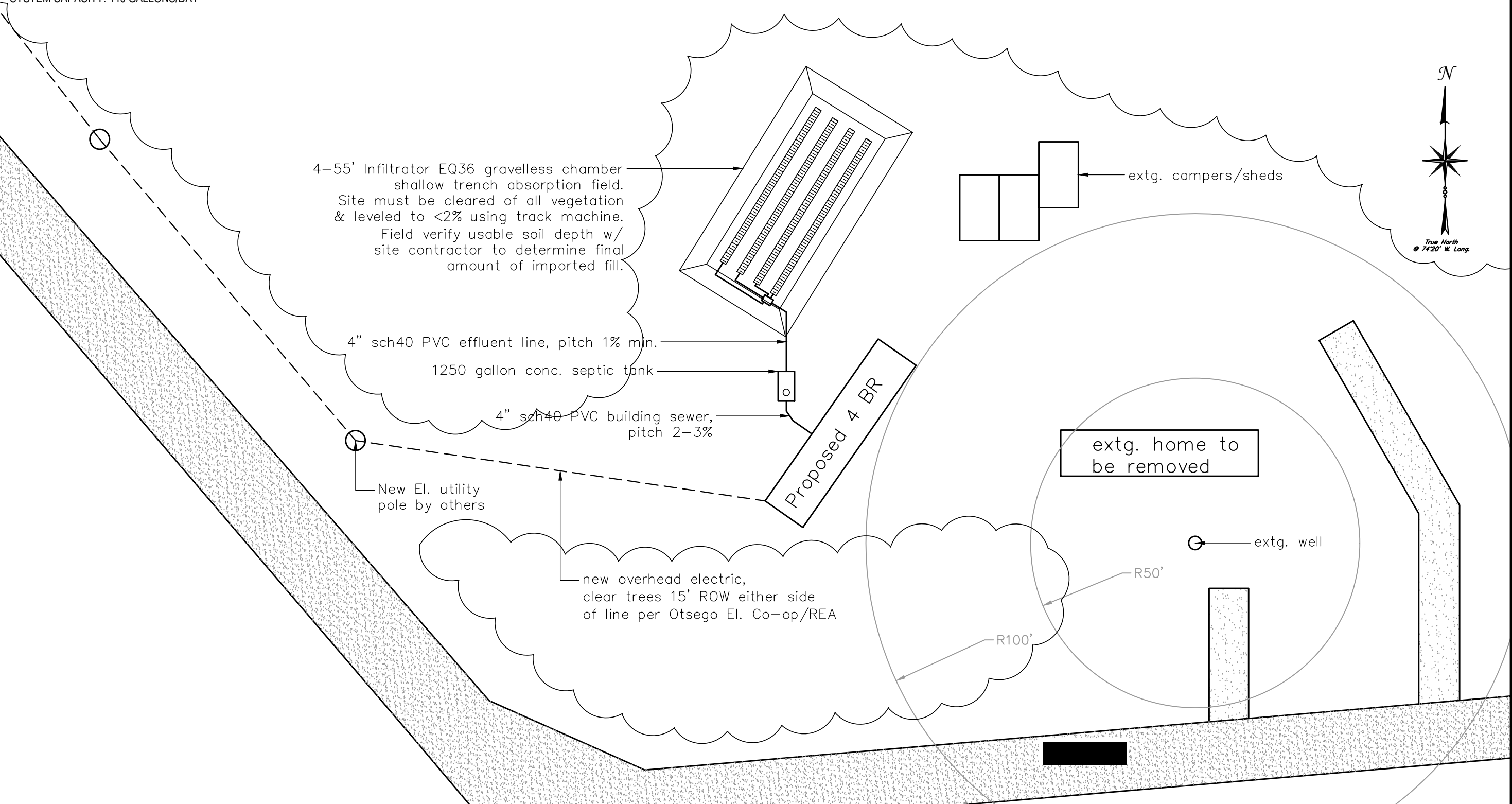
Comments

DESIGN DATA

SOIL ANALYSIS PERFORMED BY JAMES FORBES, PE
 SOIL DESCRIPTION: 4" TOPSOIL, 4-32" USABLE LOAM, 32+" CLAY HARDPAN.
 ROOTS TO 32". NO GROUNDWATER SEEPAGE, SHELF ROCK, OR
 BEDROCK OBSERVED.
 4 BEDROOM RESIDENCE.
 DESIGN FLOW: 440 GPD (4 BEDROOM @110 GPD EA)
 LOW-FLOW FIXTURES SHALL BE INSTALLED THROUGHOUT
 DESIGN PERC. RATE: 11 MIN./IN.
 APPLICATION RATE: .8 GPD/SQ. FT.
 ABSORPTION FIELD SIZING: 440 GPD / .8 GPD/FT² = 550 FT²
 550 FT² / 2' TRENCH WIDTH = 275'x.75 (DOH 25% reduction) = 206' total
 trench length. Round up to 4 laterals 55' long ea. = 220'.
 SEPTIC TANK CAPACITY: 1250 GALLON MIN.
 SYSTEM CAPACITY: 440 GALLONS/DAY

WWTS Separation Distances

System components	Well	Watercourse, wetland	Dwelling	Property Line
Septic tank	50'	50'	10'	10'
Absorption Field	100'	100'	20'	10'
Abs. Field uphill of well	200'	100'	20'	10'

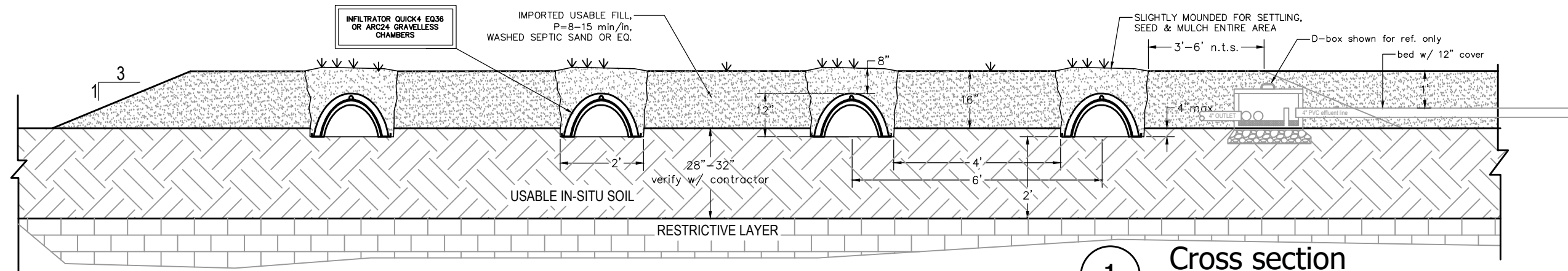


Project	Site Plan
Date	
Scale	1:30

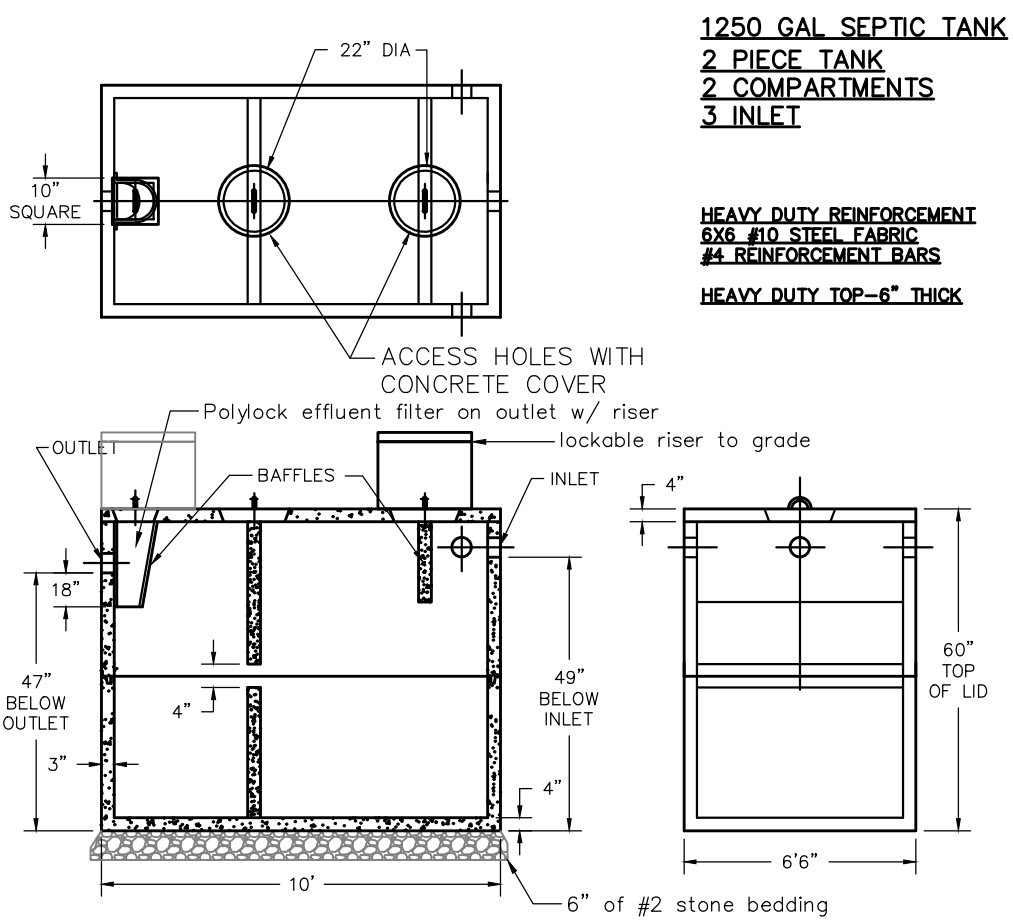
Residence WWTS, ORHA
 New Berlin, NY 13411

JAMES FORBES, P.E.
 1177 Kelly Corners Road
 Oneonta, New York 13820
 tel. 607-434-4849
 forbesengineering@gmail.com

No.	Revision/Issue	Date



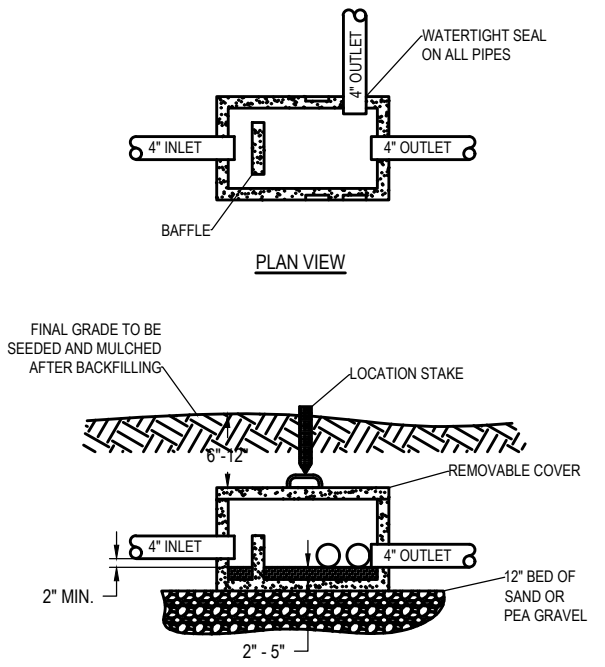
1 Cross section
Scale: nts



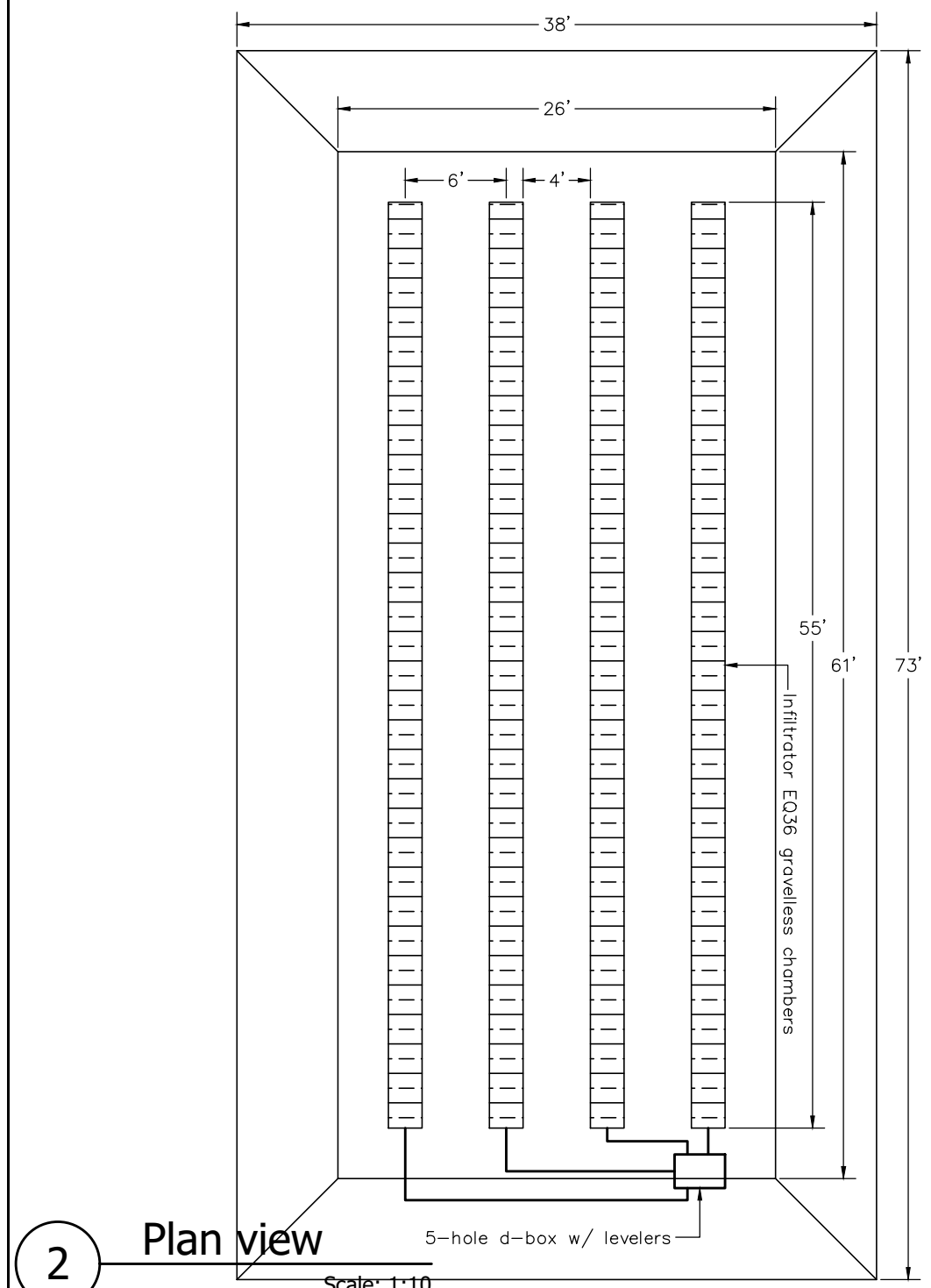
MATERIAL SPECIFICATIONS

- 1) PRECAST CONCRETE**
PRECAST CONCRETE SHALL COMPLY WITH THE "BUILDING CODE REQUIREMENTS FOR PRECAST CONCRETE" (A.C.I.318) AND N.Y.S. CLASS A CONCRETE, USING AIR ENTRAINED PORTLAND CEMENT. CONCRETE SHALL DEVELOPE A (28) TWENTY-EIGHT DAY COMPRESSIVE STRENGTH OF 4000 P.S.I. MINIMUM.
- 2) BAR REINFORCEMENT**
BAR REINFORCEMENT SHALL CONSIST OF DEFORMED BARS WHICH CONFORM TO THE REQUIREMENTS OF ASTM-A15 INTERMEDIATE GRADE.
- 3) STEEL FABRIC REINFORCEMENT**
STEEL FABRIC REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF ASTM-A185

BUTTS
CONCRETE PRODUCTS, INC.
CHURCH ST., P.O. BOX 330
MASONVILLE, N.Y., 13804
607-265-2887
607-265-2888
1-800-874-4273
A2-7B



TYPICAL PRECAST CONCRETE DISTRIBUTION BOX
NOT TO SCALE
THE INSTALLED DISTRIBUTION BOX SHALL HAVE AT LEAST 5 OUTLETS. SPEED LEVELERS SHALL BE INSTALLED IN ALL OUTLET PIPES.



2 Plan view
Scale: 1:10

Project	Details	Revision/Issue	Date
Residence WWTS, ORHA , New Berlin, NY 13411			
JAMES FORBES, P.E. 1177 Kelly Corners Road Oneonta, New York 13820 tel. 607-434-4849 jamesforbesengineering@gmail.com			
Project	Date	Scale	