

Design Professional's Certification Required.  
 Submit P.E. or R.A. Certification For  
 The Installation and Construction of the Sewage Disposal System  
 Use Form WWM-073

Abandonment of the existing sanitary system must be in  
 conformance with the Department's requirements.  
 Submit completed form WWM-080 as proof

**EXCAVATION INSPECTION REQUIRED  
 FOR SANITARY SYSTEM  
 BY HEALTH DEPARTMENT**

**FUJICLEAN I/A OWTS**

I HEREBY CERTIFY THAT THE WATER SUPPLY(S) AND/OR SEWAGE DISPOSAL SYSTEM(S) FOR THIS PROJECT WERE DESIGNED BY ME OR UNDER MY DIRECTION, BASED UPON A CAREFUL AND THOROUGH STUDY OF THE SOIL, SITE AND GROUNDWATER CONDITIONS ALL LOTS, AS PROPOSED, CONFORM TO SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES CONSTRUCTION STANDARDS IN EFFECTS OF THIS DATE.

RALPH PACIFICO, P.E. LICENSE NO. 066182


**SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES  
 PERMIT FOR APPROVAL OF CONSTRUCTION FOR A  
 SINGLE FAMILY RESIDENCE ONLY**

DATE 2/14/2025 H.S. REF. No. R-25-0191  
 APPROVED *Anthony Islande*  
 FOR MAXIMUM OF 6 BEDROOMS  
 EXPIRES THREE YEARS FROM DATE OF APPROVAL

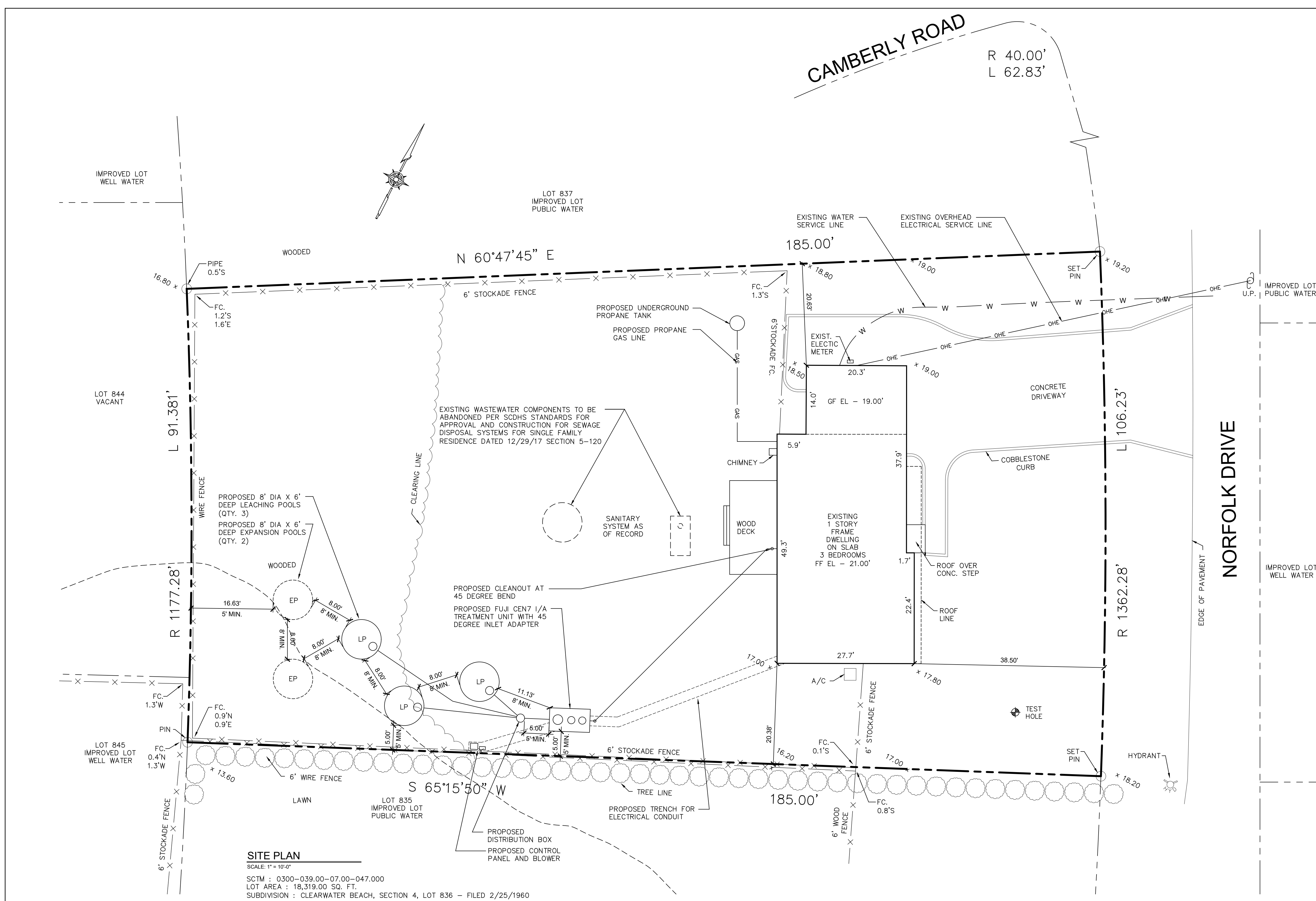
**SEE ATTACHMENT(S)**

NO.	DATE	REVISION/ISSUE
01	02.11.25	ADDED INLET ADAPTER AND DETAIL
02	02.13.25	REVISED LOCATION OF SANITARY SYSTEM
03	02.28.25	CHANGED LOCATION OF CONTROL PANEL AND BLOWER

SHEET TITLE: **PROPOSED SITE PLAN**

OWNER: JORDAN DANIEL 192 NORFOLK DRIVE, EAST HAMPTON, NEW YORK 11937	PROJECT: PROPOSED I/A OWTS FOR: DANIEL RESIDENCE 192 NORFOLK DRIVE, EAST HAMPTON, NEW YORK 11937					
P.E. SEAL 	<b>PACIFICO ENGINEERING P.C.</b> 700 LAKELAND AVE, SUITE 2B BOHEMIA, NY 11716 (631) 888-0000 WWW.PACIFICOENGINEERING.COM ENGINEER@PACIFICOENGINEERING.COM					
DRAWN BY: CA	DATE: 02.12.25	ENGINEER: MB	DWG #: SP-001.00	JOB #:	SCALE: AS NOTED	1 OF 2

**REVISED PLANS APPROVED - 3/1/2025  
 PERMIT EXPIRES - 2/14/2028**



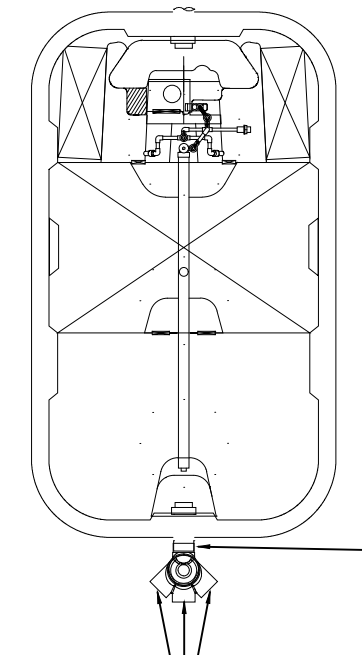
**SITE PLAN**  
 SCALE: 1" = 10'-0"  
 SCTM : 0300-039.00-07.00-047.000  
 LOT AREA : 18,319.00 SQ. FT.  
 SUBDIVISION : CLEARWATER BEACH, SECTION 4, LOT 836 - FILED 2/25/1960

- NOTES:
- I/A SYSTEM SHALL UTILIZE THE MAIN HOUSE WASTE PLUMBING FOR PROPER VENTILATION
  - NO SURFACE WATER LOCATED WITHIN 300' OF STRUCTURE
  - Fuji Clean CEN7 DESIGNED TO SUPPORT A 5 BEDROOM STRUCTURE
  - THERE WILL BE NO EXISTING OR PROPOSED DRYWELLS ON THE PROPERTY
  - COVER SHALL BE 20" DIAMETER WATERTIGHT AND INSECT-PROOF LOCKING THERMOPLASTIC COVERS AT FINAL GRADE. COVERS AND CHIMNEY RISERS SHALL BE IN ACCORDANCE WITH SCDHS STANDARDS FOR APPROVAL OF PLANS AND CONSTRUCTION OF SEWAGE DISPOSAL SYSTEMS FOR SINGLE FAMILY RESIDENCES, DATED DECEMBER 29, 2017, SECTIONS 5-111. A SECONDARY LID SHALL BE PROVIDED.
  - OWTS SHALL BE TESTED FOR WATER TIGHTNESS PRIOR TO ARRIVING ON SITE USING A METHOD APPROVED BY THE MANUFACTURER.
  - THE OWTS INSTALLER SHALL HOLD AN I/A OWTS ENDORSEMENT FROM SUFFOLK COUNTY DEPARTMENT OF HEALTH AND SHALL BE AN AUTHORIZED INSTALLER.
  - THE OWTS INSTALLER SHALL REGISTER THE ONSITE TREATMENT SYSTEM WITH SUFFOLK COUNTY DEPARTMENT OF HEALTH.
  - A GARBAGE GRINDER SHALL NOT BE INSTALLED UPSTREAM OF THE OWTS.
  - THE I/A OWTS SHALL VENT THROUGH THE SEWER PIPE. A HOUSE TRAP SHALL NOT BE INSTALLED UPSTREAM OF THE I/A OWTS. NO ADDITIONAL VENTING IS REQUIRED.
  - ALL ELECTRICAL AND CONTROL WIRES SHALL BE ROUTED IN SCH 40 PVC PIPE. DIRECT BURY IS NOT ALLOWED. THE CONDUITS SHALL BE SEALED WHERE THEY ENTER THE OWTS.
  - CONTRACTOR SHALL CONFIRM INVERT ELEVATION PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES.
  - PROVIDE DEDICATED BREAKERS IN THE MAIN DWELLING ELECTRICAL PANEL FOR THE OWTS.
  - A FUJI CLEAN REPRESENTATIVE WILL BE PRESENT DURING SYSTEM START UP.

**NOTICE**

THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED, IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF PACIFICO ENGINEERING P.C. INFRINGEMENT OR ANY USE OF THIS DRAWING FOR ANY OTHER PROJECT IS PROHIBITED. ANY ALTERATION OR REPRODUCTION OF THIS DOCUMENT IS ALSO PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

FUJICLEAN CEN SERIES  
MODELS AS PREVIOUSLY  
APPROVED FOR USE BY SCDHS



OUTLET SOLVENT WELDED TO 4" LONG STUB OF 4" SCHEDULE 40 PIPE CONNECTED TO FUJI CLEAN CEN UNIT (TYP)

6" SCHEDULE 40 END CAP ADAPTER & PLUG (TYP) MUST INSTALL CLEANOUT TO GRADE IN ACCORDANCE WITH SCDHS STANDARDS (SEE INSTALLATION GUIDANCE NOTE 7)

6" SDR 35 PVC RISER PIPING EXTENDED UP TO GRADE LENGTH VARIES (TYP)

LATERAL 3 INLET PORT ADAPTER ALL PORTS ARE 4" OPENINGS (TYP)

EXTRA INLET CAPPED VIA 4" SCHEDULE 40 ADAPTER & PLUG OR CAP (TYP)

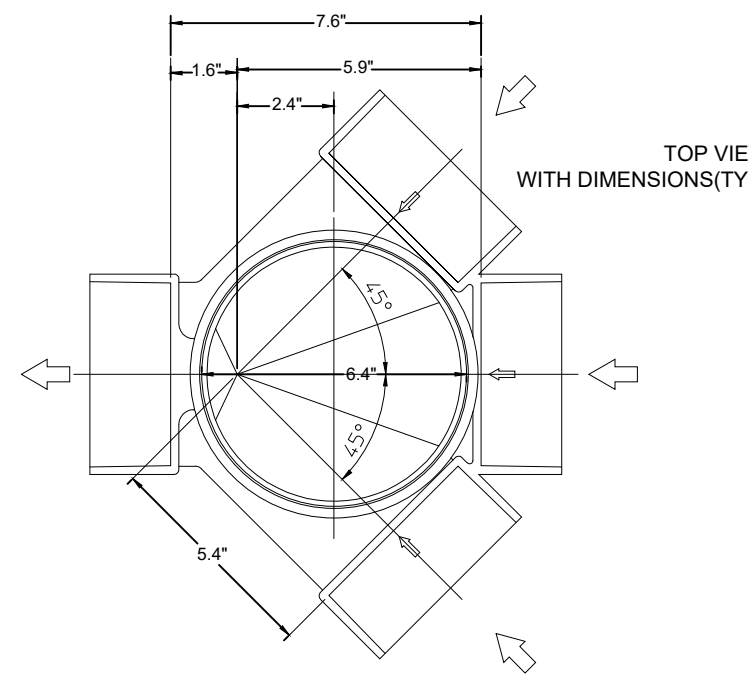
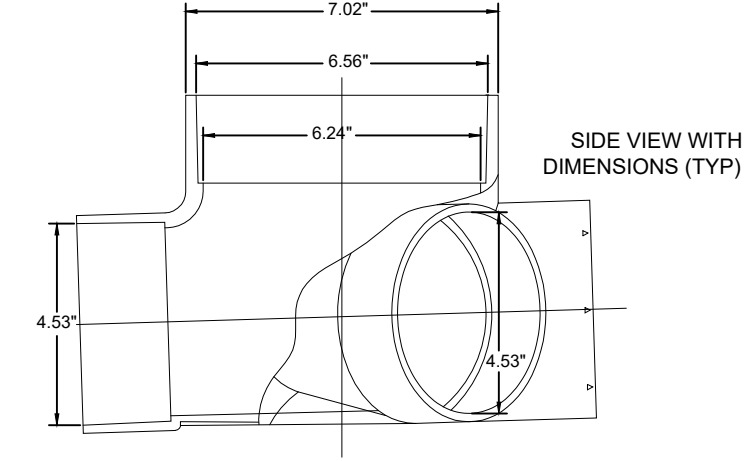
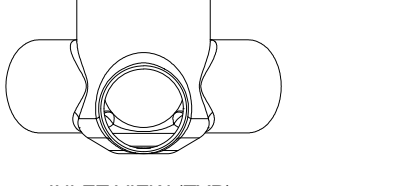
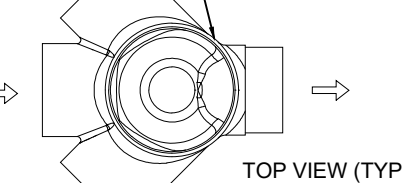
OUTLET SOLVENT WELDED TO 4" LONG STUB OF 4" SCHEDULE 40 PIPE CONNECTED TO FUJI CLEAN CEN UNIT (TYP)

LATERAL 3 INLET PORT ADAPTER ALL PORTS ARE 4" OPENINGS (TYP)

FUJICLEAN CEN SERIES  
MODELS AS PREVIOUSLY  
APPROVED FOR USE BY SCDHS

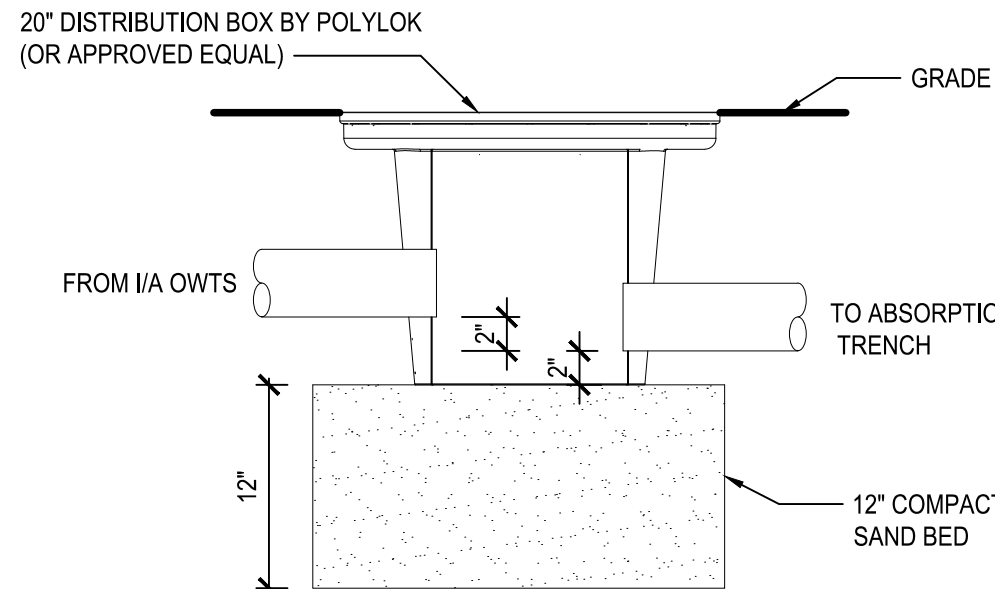
ALL MATERIALS SCHEDULE 40 PVC (TYP)

CLEAN OUT MUST BE INSTALLED TO PROVIDE ACCESS TO THE ADAPTER FROM ABOVE (TYP)



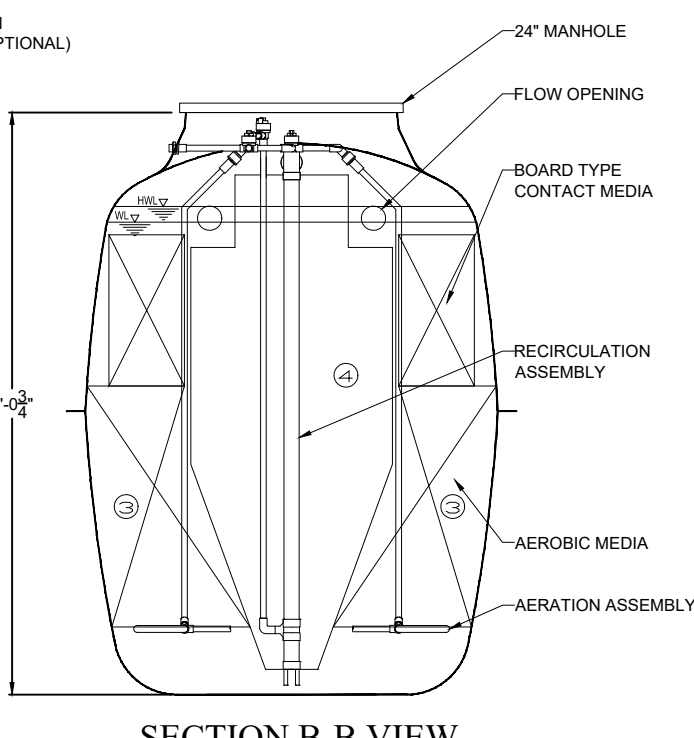
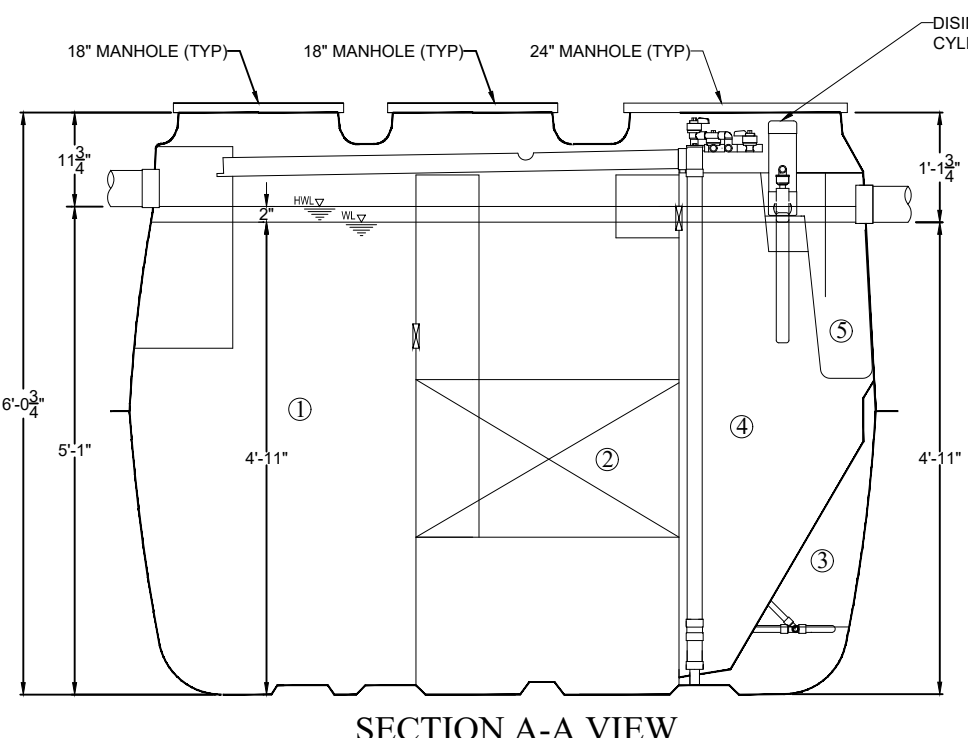
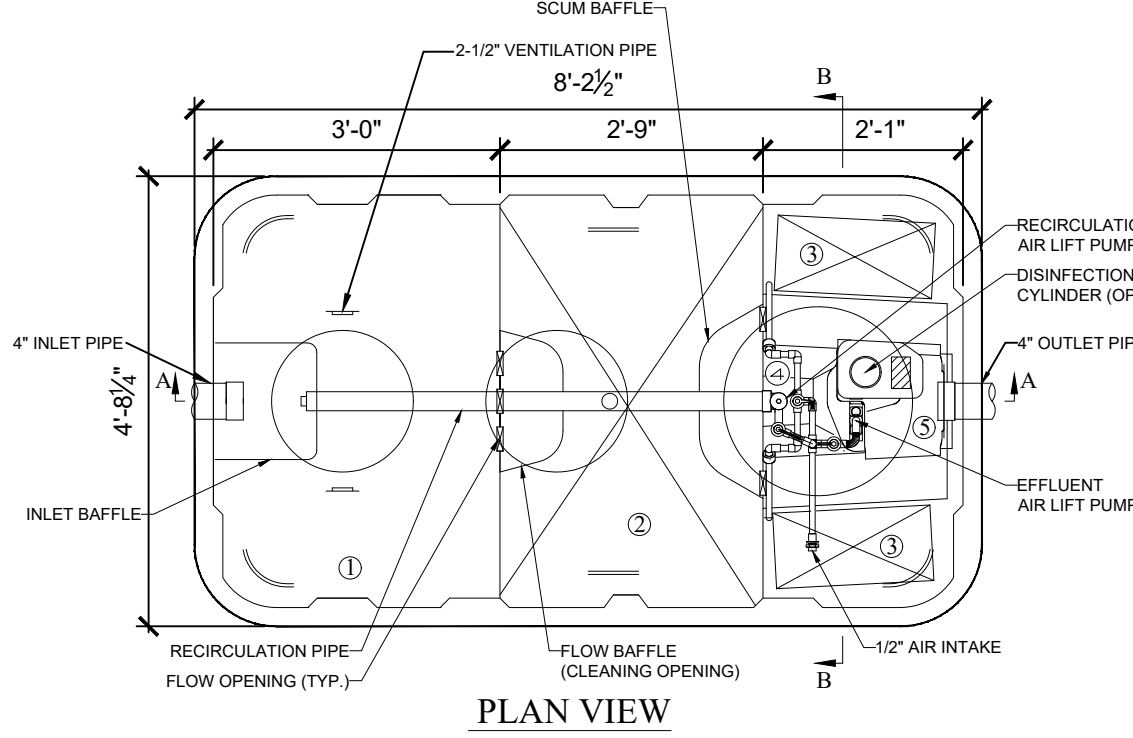
- Installation Guidance FujiClean Schedule 40 PVC 45-Degree Inlet Adapter**
- The FujiClean 45-Degree Inlet Adapter has (4) openings (3) inlets and (1) outlet. All of these will accept standard schedule 40 fittings.
  - The top of the inlet adapter has a 6" opening that can be fitted with an 6" SDR riser pipe and cap as a clean out.
  - Any unused entry ports on the FujiClean inlet adapter shall be capped with a 4" schedule 40 adapter & plug, or a Schedule 40 slip cap that is solvent welded to a short stub of pipe inserted and solvent welded into the adapter port.
  - The FujiClean inlet adapter shall be secured to the FujiClean unit using a 4" long stub of 4" schedule 40 pipe that is solvent welded into the adapter outlet end and FujiClean inlet so that the adapter fits flush on the FujiClean unit.
  - The installer shall ensure that the soil beneath the adapter is backfilled and compacted sufficiently to support the bottom of the adapter and prevent any settling or stress on the adapter or FujiClean unit.
  - Metal fittings, pipe, and caps are NOT to be used for installation of the adapter.
  - Must install a cleanout to grade in accordance with the "STANDARDS FOR APPROVAL OF PLANS AND CONSTRUCTION FOR SEWAGE DISPOSAL SYSTEMS FOR OTHER THAN SINGLE-FAMILY RESIDENCES" and the "STANDARDS FOR APPROVAL OF PLANS AND CONSTRUCTION FOR SEWAGE DISPOSAL SYSTEMS FOR SINGLE-FAMILY RESIDENCES"
  - The following are instructions on how to make a solvent weld for attaching piping to the FujiClean inlet adapter.
    - Square pipe ends, chamfer and remove all dirt.
    - Check dry fit of pipe and adapter. Pipe should easily go 1/3 of the way into the adapter. If pipe bottoms, it should be snug.
    - Use a suitable applicator at least 1/2 the size of the pipe diameter. For larger size pipe systems, use a natural bristle brush or roller.
    - Clean pipe and adapter with a listed primer. (Do not use primer on ABS pipe and fittings. Use Clear Cleaner only!)
    - Apply liberal coat of cement to pipe to the depth of the socket, leave no uncoated surface.
    - Apply a thin coat of cement to the inside of the adapter, avoid puddling of cement. Puddling can cause weakening and premature failure of pipe or adapter. Apply a second coat of cement to the pipe.
    - Assemble parts QUICKLY. Cement must be fluid. If cement surface has dried, recast both parts.
    - Push pipe FULLY into adapter using a 1/2 turning motion until pipe bottoms.
    - Hold pipe and adapter together for 30 seconds to prevent pipe push-out - longer at low temperatures. Wipe off excess.
    - Allow 15 minutes for good handling strength and 2 hours cure time at temperatures above 60 degrees Fahrenheit below pressure testing up to 100 psi. Longer cure times may be required at temperatures below 60 degrees Fahrenheit or with pipe above 3 inches. DO NOT TEST WITH AIR.
- NOTE: The set up/cure time is dependent on several factors. The pipe size, socket fit, ambient temperature, relative humidity, solvent cement used and the system operating pressure should all be considered when determining set up/cure times.

**FUJI CLEAN  
INLET ADAPTER 45**  
SCALE: N.T.S.



- NOTES:
- PROVIDE SPEED LEVELER ON ALL OUTLET PIPES (TUF-TITE OR APPROVED EQUAL) TO ENSURE EQUAL DISTRIBUTION.

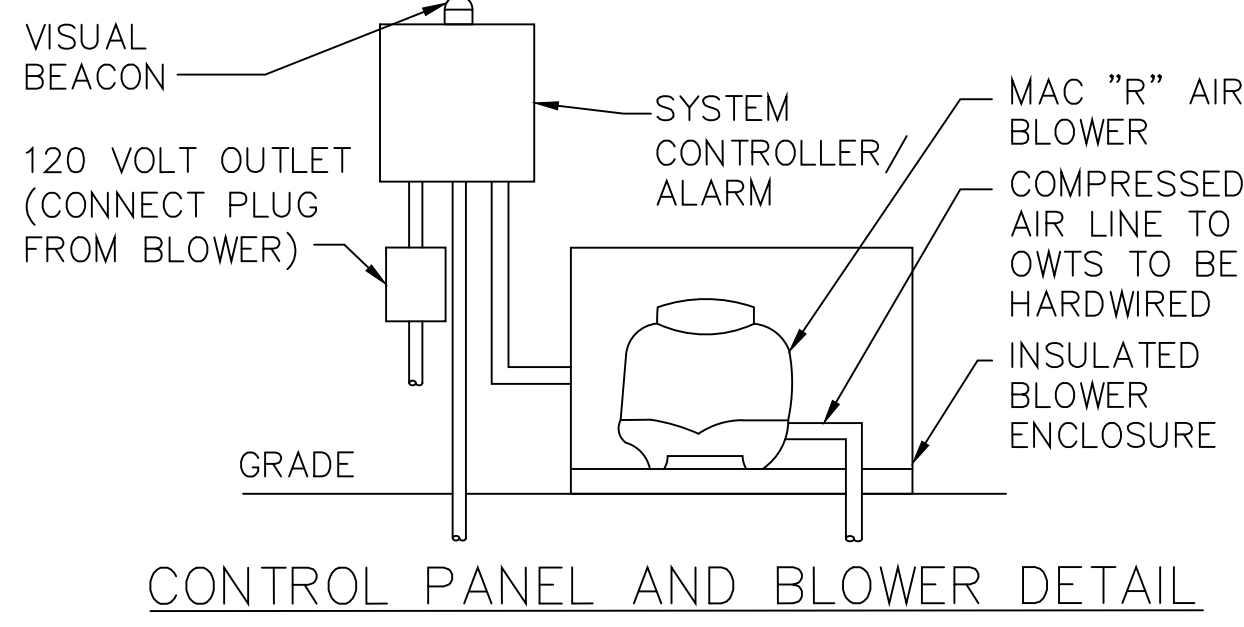
**DISTRIBUTION BOX**  
SCALE: N.T.S.



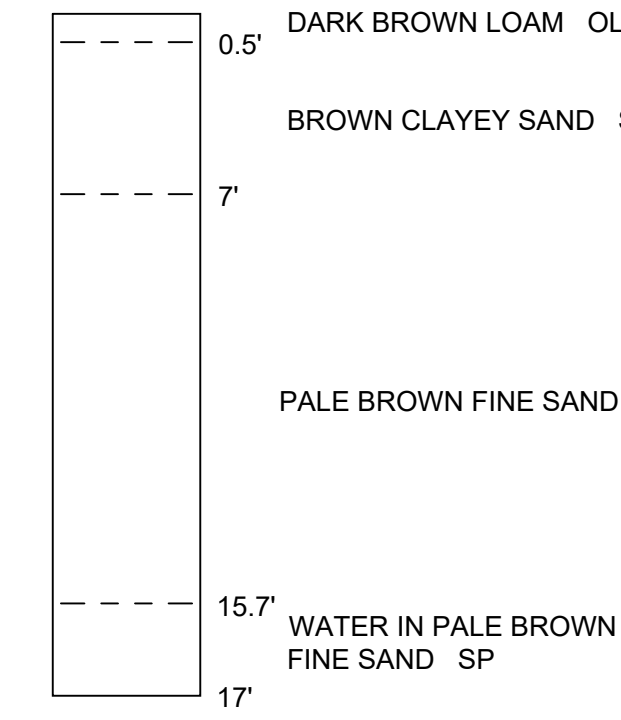
CHAMBER	Volume (gal)
① Sedimentation Chamber	397
② Anaerobic Filtration Chamber	396
③ Aerobic Contact Filtration Chamber	181
④ Storage Chamber	90
⑤ Disinfection Chamber	6
<b>Total Volume</b>	<b>1069</b>

SPECIFICATIONS			
Anaerobic Media	PP / PE	Filling Rate	32%
Board Type Aerobic Media	PVC / PP / PE	Filling Rate	17%
Aerobic Media	PP / PE	Filling Rate	55%
Blower	2.8 cfm		
Tank	FRP		
Piping	PVC / PP / PE		
Access Covers	Plastic / Cast Iron		
Disinfectant (Optional)	Chlorine Tablets		

**FUJI CLEAN  
CEN7 I/A TANK**  
SCALE: 1/2"=1'-0"

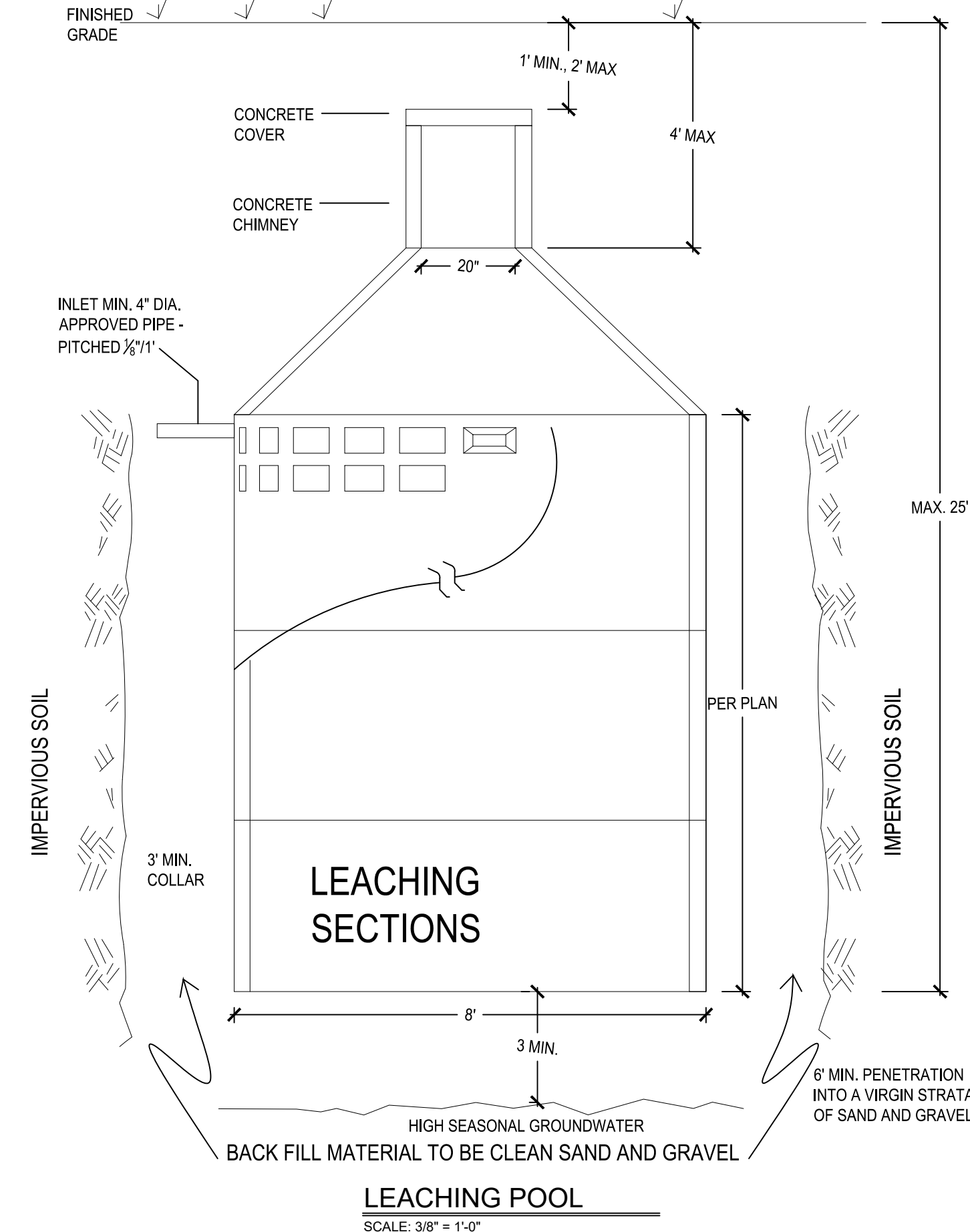


TEST HOLE DATA  
MCDONALD GEOSERVICES  
NAME: DANIEL  
DP:  
LOCATION: FIREPLACE  
TAX MAP NO.: 300-39-7-47  
PROJECT DESCRIPTION: RES  
DATE: 12/31/24



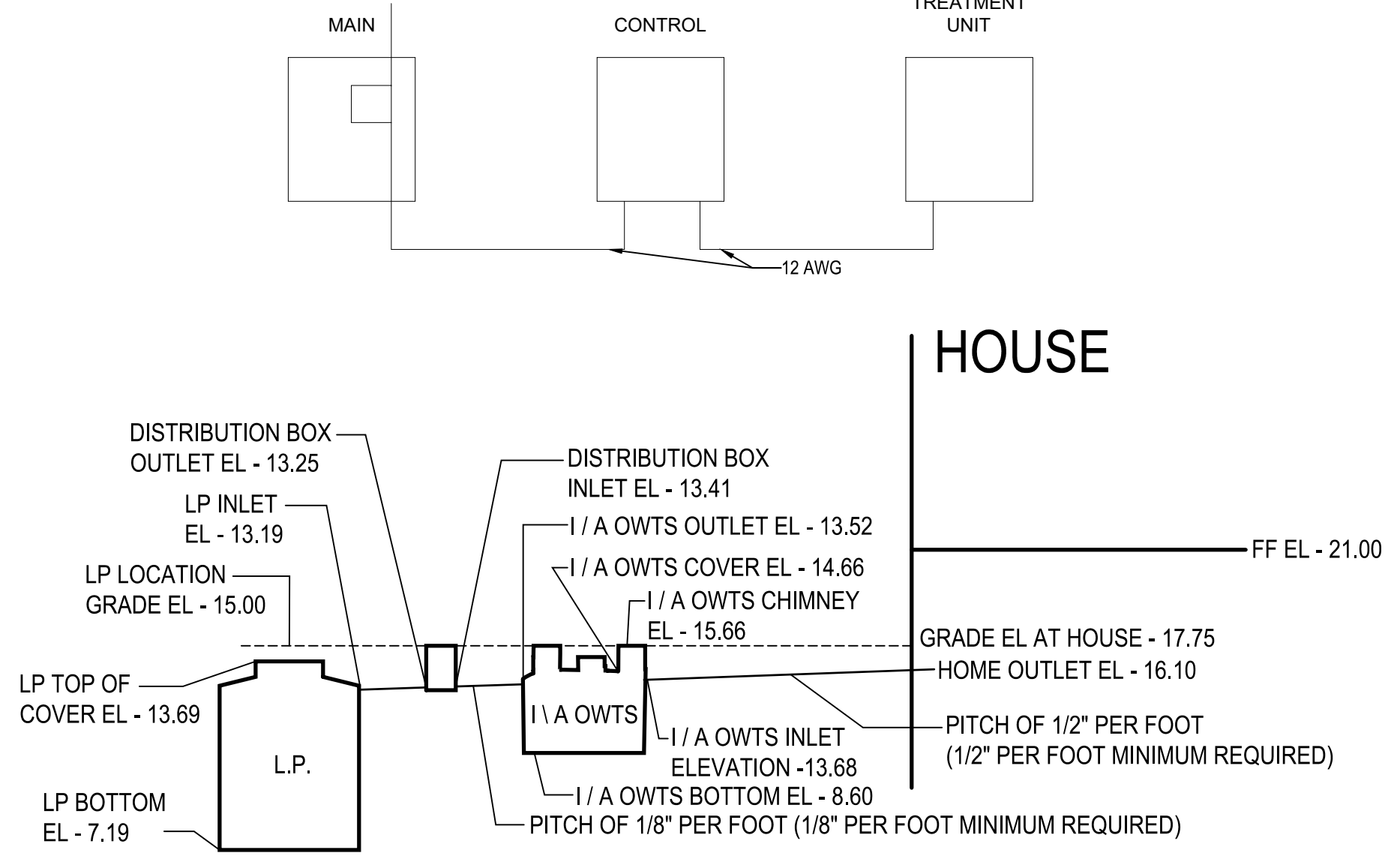
COMMENTS: WATER ENCOUNTERED 15.7' BELOW SURFACE.

**TYPICAL LEACHING POOL**



**LEACHING POOL**  
SCALE: 3/8"=1'-0"

**SINGLE LINE DIAGRAM**



IMPERMEABLE MATERIAL ELEVATION - 3.30

- THERE SHALL BE A LENGTH OF CAST-IRON SEWER LINE EXTENDING THROUGH THE FOUNDATION TO A POINT A MINIMUM OF TWO FEET BEYOND THE FOUNDATION WALL.
- ELEVATIONS ARE BASED ON NAVD88

**PROPOSED INVERTS  
AND ELEVATIONS**  
SCALE: N.T.S.

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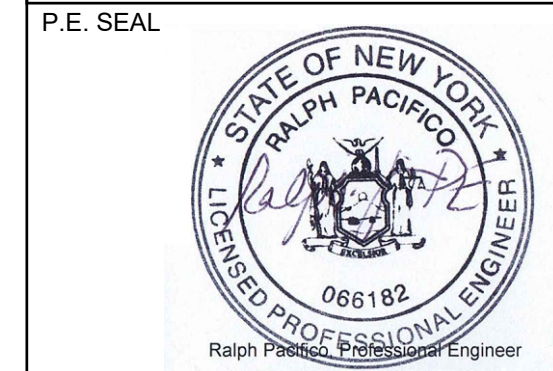
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02	02.13.25	REVISED LOCATION OF SANITARY SYSTEM
03	02.28.25	CHANGED LOCATION OF CONTROL PANEL AND BLOWER

**SANITARY DETAILS**

OWNER:  
JORDAN DANIEL  
192 NORFOLK DRIVE,  
EAST HAMPTON, NEW YORK 11937

PROJECT:  
PROPOSED I/A OWTS FOR:  
DANIEL RESIDENCE  
192 NORFOLK DRIVE,  
EAST HAMPTON, NEW YORK 11937



**PACIFICO  
ENGINEERING P.C.**

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DRAWN BY:	DATE:	ENGINEER:	DWG #	JOB #	SCALE:	2 OF 2
CA	02.12.25	MB	SP-002.00		AS NOTED	

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