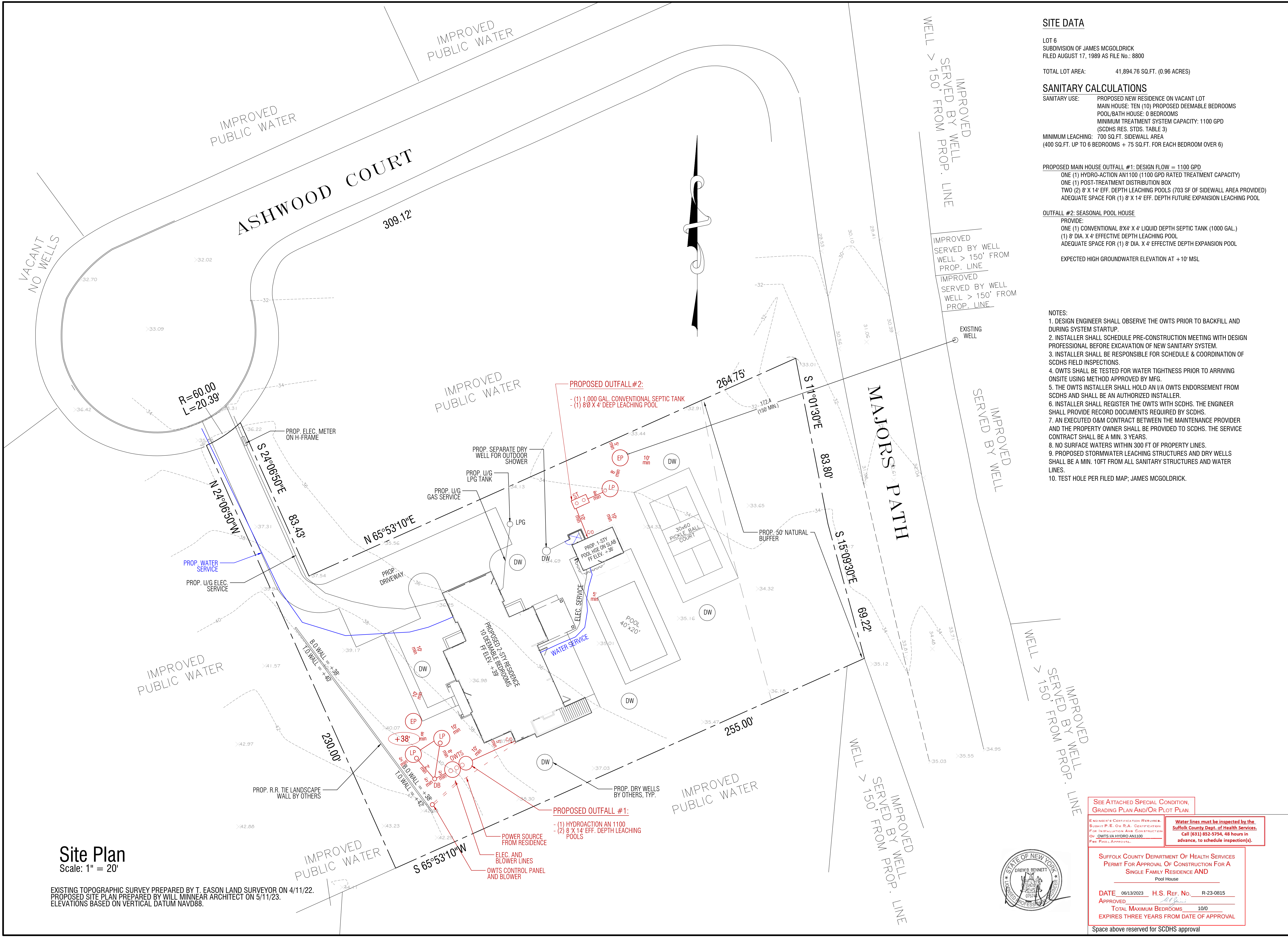




SITE DATA

LOT 6
SUBDIVISION OF JAMES MCGOLDRICK
FILED AUGUST 17, 1989 AS FILE NO.: 8800

TOTAL LOT AREA: 41,894.76 SQ.FT. (0.96 ACRES)

SANITARY CALCULATIONS

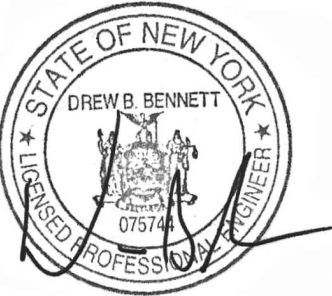
SANITARY USE: PROPOSED NEW RESIDENCE ON VACANT LOT
MAIN HOUSE: TEN (10) PROPOSED DEEMABLE BEDROOMS
POOL/BATH HOUSE: 0 BEDROOMS
MINIMUM TREATMENT SYSTEM CAPACITY: 1100 GPD (SCDHS RES. STDS. TABLE 3)
MINIMUM LEACHING: 700 SQ.FT. SIDEWALL AREA (400 SQ.FT. UP TO 6 BEDROOMS + 75 SQ.FT. FOR EACH BEDROOM OVER 6)

PROPOSED MAIN HOUSE OUTFALL #1: DESIGN FLOW = 1100 GPD.
ONE (1) HYDRO-ACTION AN1100 (1100 GPD RATED TREATMENT CAPACITY)
ONE (1) POST-TREATMENT DISTRIBUTION BOX
TWO (2) 8' X 14' EFF. DEPTH LEACHING POOLS (703 SF OF SIDEWALL AREA PROVIDED)
ADEQUATE SPACE FOR (1) 8' X 14' EFF. DEPTH FUTURE EXPANSION LEACHING POOL

OUTFALL #2: SEASONAL POOL HOUSE
PROVIDE:
ONE (1) CONVENTIONAL 8'X4' X 4' LIQUID DEPTH SEPTIC TANK (1000 GAL.)
(1) 8' DIA. X 4' EFFECTIVE DEPTH LEACHING POOL
ADEQUATE SPACE FOR (1) 8' DIA. X 4' EFFECTIVE DEPTH EXPANSION POOL

EXPECTED HIGH GROUNDWATER ELEVATION AT +10' MSL

- NOTES:
1. DESIGN ENGINEER SHALL OBSERVE THE OWTS PRIOR TO BACKFILL AND DURING SYSTEM STARTUP.
 2. INSTALLER SHALL SCHEDULE PRE-CONSTRUCTION MEETING WITH DESIGN PROFESSIONAL BEFORE EXCAVATION OF NEW SANITARY SYSTEM.
 3. INSTALLER SHALL BE RESPONSIBLE FOR SCHEDULE & COORDINATION OF SCDHS FIELD INSPECTIONS.
 4. OWTS SHALL BE TESTED FOR WATER TIGHTNESS PRIOR TO ARRIVING ONSITE USING METHOD APPROVED BY MFG.
 5. THE OWTS INSTALLER SHALL HOLD AN I/A OWTS ENDORSEMENT FROM SCDHS AND SHALL BE AN AUTHORIZED INSTALLER.
 6. INSTALLER SHALL REGISTER THE OWTS WITH SCDHS. THE ENGINEER SHALL PROVIDE RECORD DOCUMENTS REQUIRED BY SCDHS.
 7. AN EXECUTED O&M CONTRACT BETWEEN THE MAINTENANCE PROVIDER AND THE PROPERTY OWNER SHALL BE PROVIDED TO SCDHS. THE SERVICE CONTRACT SHALL BE A MIN. 3 YEARS.
 8. NO SURFACE WATERS WITHIN 300 FT. OF PROPERTY LINES.
 9. PROPOSED STORMWATER LEACHING STRUCTURES AND DRY WELLS SHALL BE A MIN. 10FT FROM ALL SANITARY STRUCTURES AND WATER LINES.
 10. TEST HOLE PER FILED MAP; JAMES MCGOLDRICK.



SEE ATTACHED SPECIAL CONDITION, GRADING PLAN AND/OR PLOT PLAN.

ENGINEER'S CERTIFICATION REQUIRED:
SUSMIT P. E. OR R.A. CERTIFICATION
FOR INSTALLATION AND CONSTRUCTION
OF OWTS VIA HYDRO AN1100
FOR FINAL APPROVAL

Water lines must be inspected by the
Suffolk County Dept. of Health Services.
Call (631) 852-5754, 48 hours in
advance, to schedule inspection(s).

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
PERMIT FOR APPROVAL OF CONSTRUCTION FOR A
SINGLE FAMILY RESIDENCE AND
Pool House

DATE 06/13/2023 H.S. REF. NO. R-23-0815
APPROVED [Signature]
TOTAL MAXIMUM BEDROOMS 100
EXPIRES THREE YEARS FROM DATE OF APPROVAL

Space above reserved for SCDHS approval

Site Plan
Scale: 1" = 20'

EXISTING TOPOGRAPHIC SURVEY PREPARED BY T. EASON LAND SURVEYOR ON 4/11/22.
PROPOSED SITE PLAN PREPARED BY WILL MINNEAR ARCHITECT ON 5/11/23.
ELEVATIONS BASED ON VERTICAL DATUM NAVD88.

D.B. Bennett, P.E., P.C. | Consulting Engineer
74 Montauk Hwy, Unit #21, P.O. Box 1442
East Hampton, NY 11937
631-907-0023 (T) 631-329-0324 (F)

Residence
7 Ashwood Court
Southampton, NY 11968
SCTM# 900-61-1-19.6

Sanitary Plan

Issue

Rev.0 - 05.23.23

Date

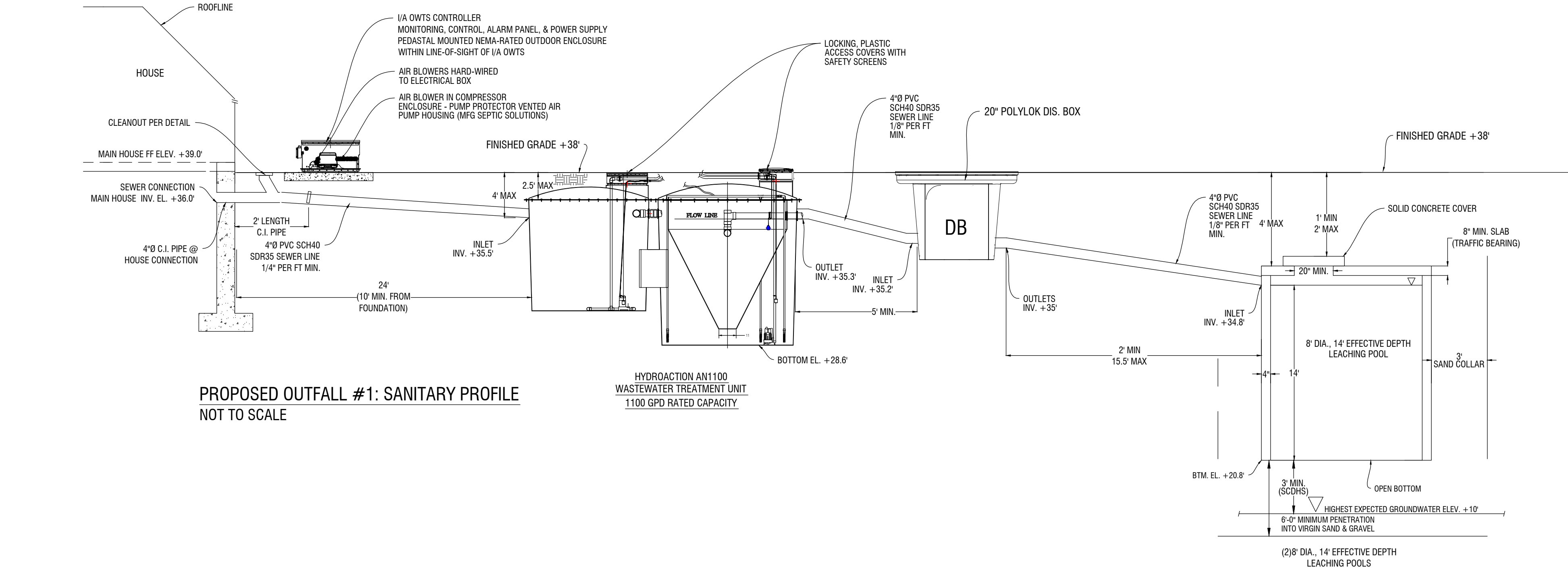
May 23, 2023

Scale

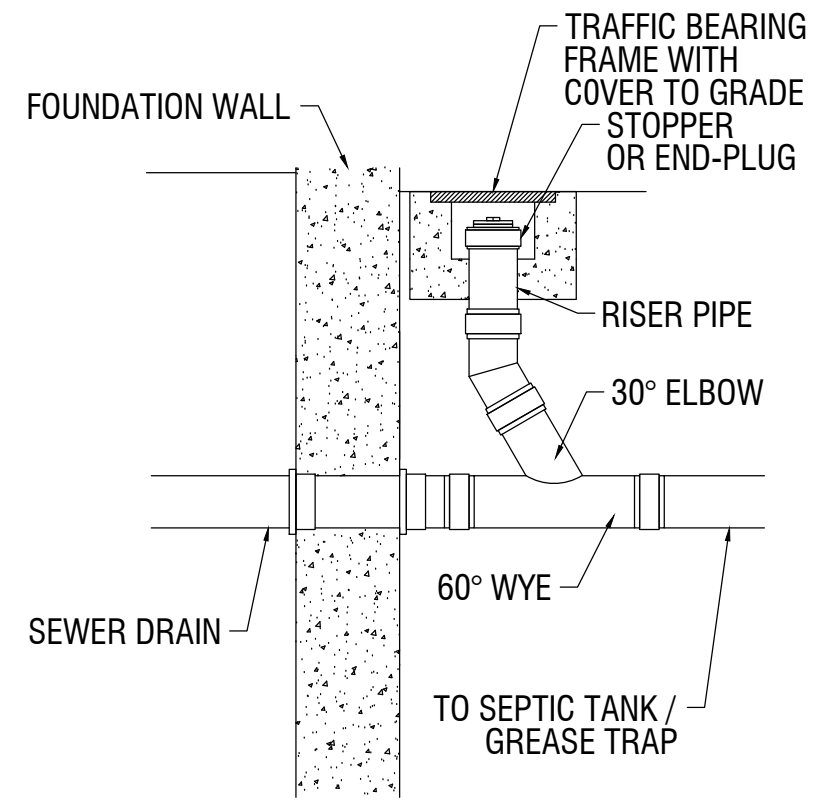
As noted

Sheet

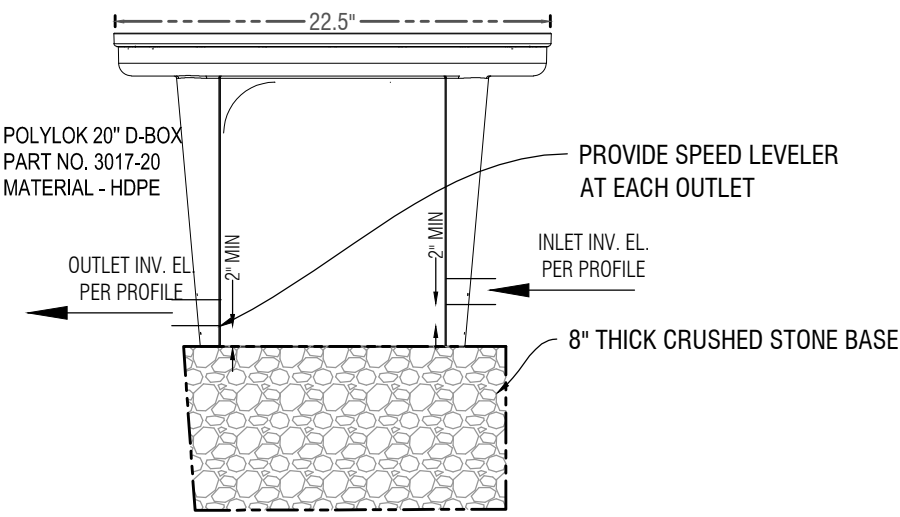
C-1



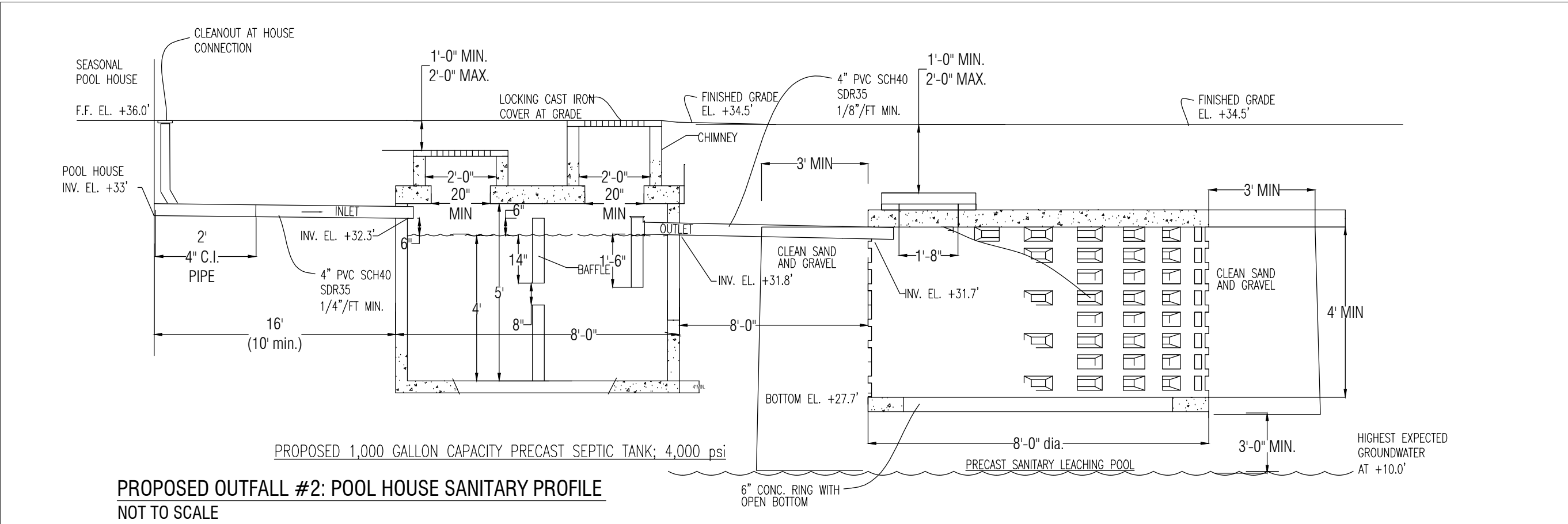
PROPOSED OUTFALL #1: SANITARY PROFILE
NOT TO SCALE



SEWER CONNECTION CLEANOUT
NOT TO SCALE



POST-TREATMENT 20" POLYLOK
DISTRIBUTION BOX DETAIL (DB)
NOT TO SCALE

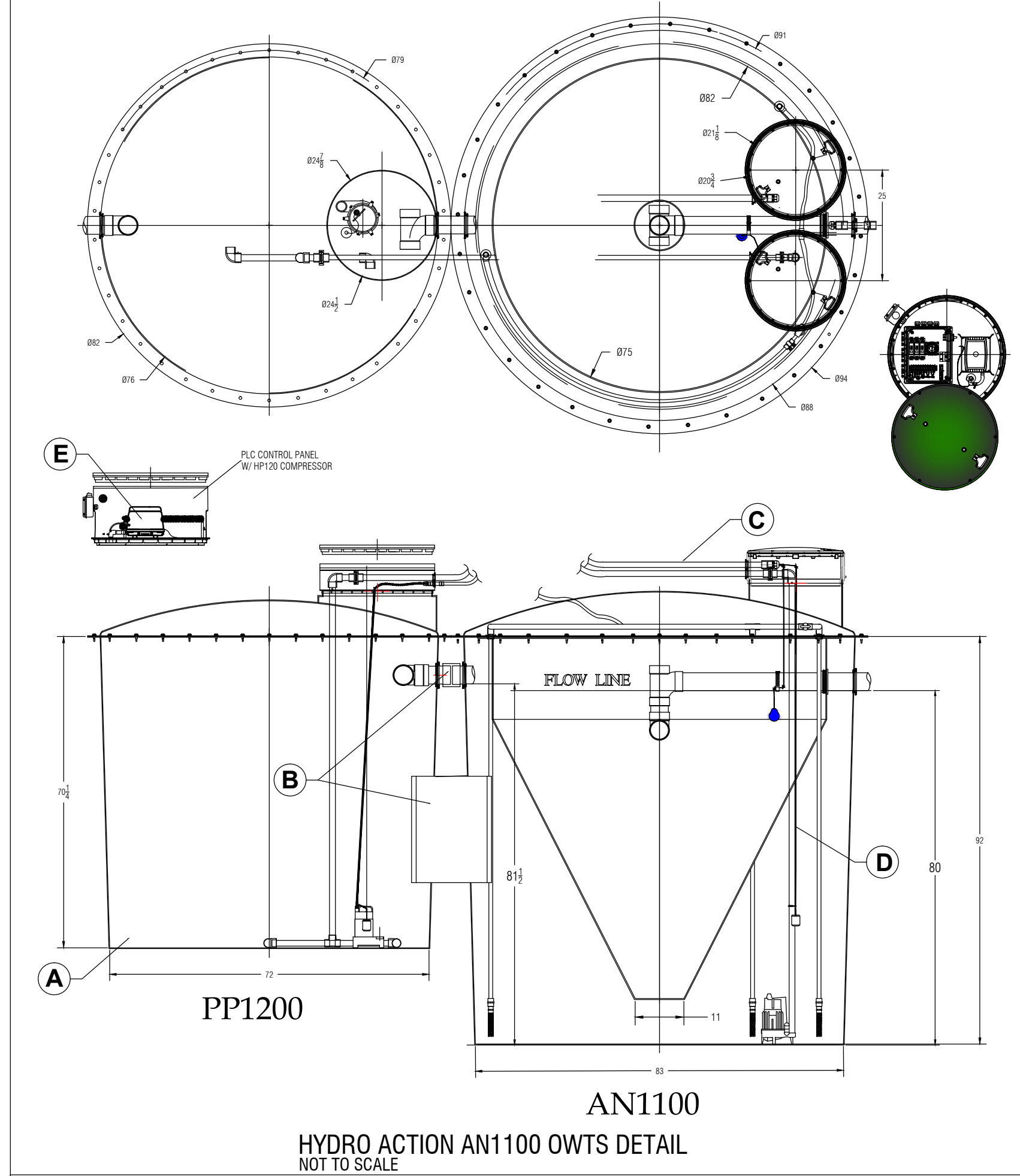


PROPOSED OUTFALL #2: POOL HOUSE SANITARY PROFILE
NOT TO SCALE

- SEPTIC TANK (1)

 - 1,000 GALLON PRECAST CONCRETE SEPTIC TANK, 8 FT. X 4 FT. X 4 FT. LIQUID LEVEL
 - CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 psi AT 28 DAYS. MONOLITHIC TANK
 - WALL THICKNESS SHALL BE A MINIMUM OF 3", A TOP THICKNESS OF 8" AND A BOTTOM THICKNESS OF 4". ALL WALLS, BOTTOM AND TOP SHALL CONTAIN REINFORCING TO RESIST AN APPLIED FORCE OF 300 psi.
 - ALL JOINTS SHALL BE SEALED SO THAT THE TANK IS WATERTIGHT.
 - THE SEPTIC TANK SHALL BE INSTALLED AT LEVEL IN ALL DIRECTIONS (WITH A MAX. TOLERANCE OF ±1/4") ON A MINIMUM 3" THICK BED OF COMPACTED SAND OR PEA GRAVEL.
- LEACHING POOL (1)

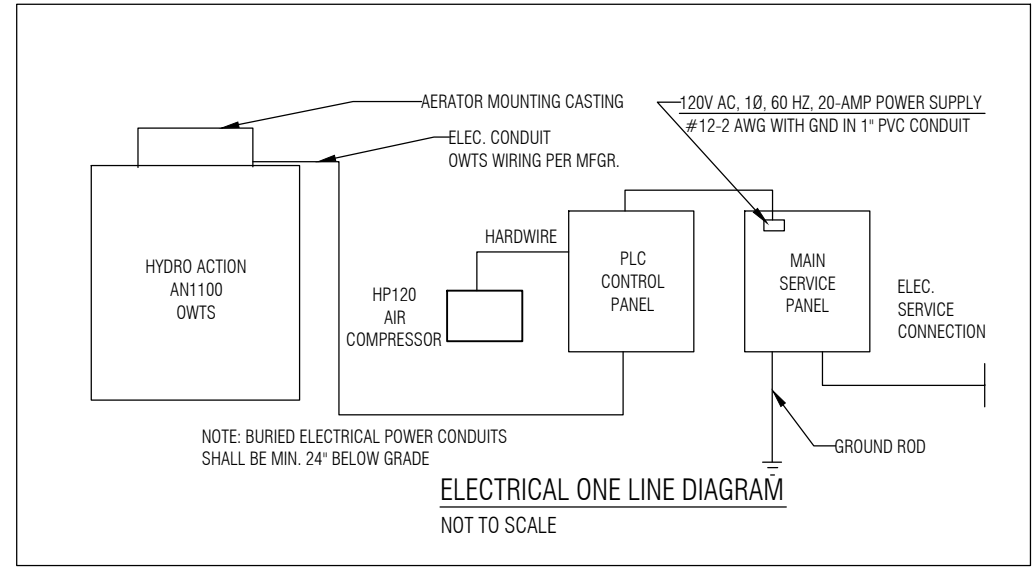
 - 1-LEACHING POOL, 8' DIA. X 4' DEEP
 - LEACHING POOL IS TO BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE (OR EQUAL) LEACHING STRUCTURES, SOLID DOMES AND/OR SLABS.
 - ALL COVERS SHALL BE OF PRECAST REINFORCED CONCRETE TRAFFIC BEARING SLABS.
 - 10' MIN. DISTANCE BETWEEN LEACHING POOL AND WATER LINE SHALL BE MAINTAINED.
 - 20' MIN. DISTANCE BETWEEN LEACHING POOL AND SWIMMING POOL SHALL BE MAINTAINED.



HYDRO ACTION AN1100 OWTs DETAIL
NOT TO SCALE

BILL OF MATERIALS

ITEM	PIN	DESCRIPTION	QTY:
	HA-AN1100-R	TANK, AN1100 245 NITROGEN REDUCTION REMOTE	1
A	-	TANK, AN1100 245 PRETREATMENT	1
B	130002	SNG STANDARD 2 TANK CONNECTING KIT	1
C	-	ASSEMBLY, RE-CIRCULATION 245 COMPLETE AN11000	1
D	AN1100-P	AN1100 W/ PLATFORM COMPLETE	1
E	EC50-30-L200-PLC	EC50-30-L-200-PLC	1



ENGINEER'S CERTIFICATION REQUIRED:
SUSHIT P.E. OR R.A. CERTIFICATION
FOR INSTALLATION AND CONSTRUCTION
OF: OWTs/HA-HYDRO AN1100
Per Final Approval.

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SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
PERMIT FOR APPROVAL OF CONSTRUCTION FOR A
SINGLE FAMILY RESIDENCE AND
POOL HOUSE

DATE: 06/13/2023 H.S. Ref. No.: R-23-0815
APPROVED: *[Signature]*
TOTAL MAXIMUM BEDROOMS: 100
EXPIRES THREE YEARS FROM DATE OF APPROVAL

Space above reserved for SCDHS approval

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Date

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