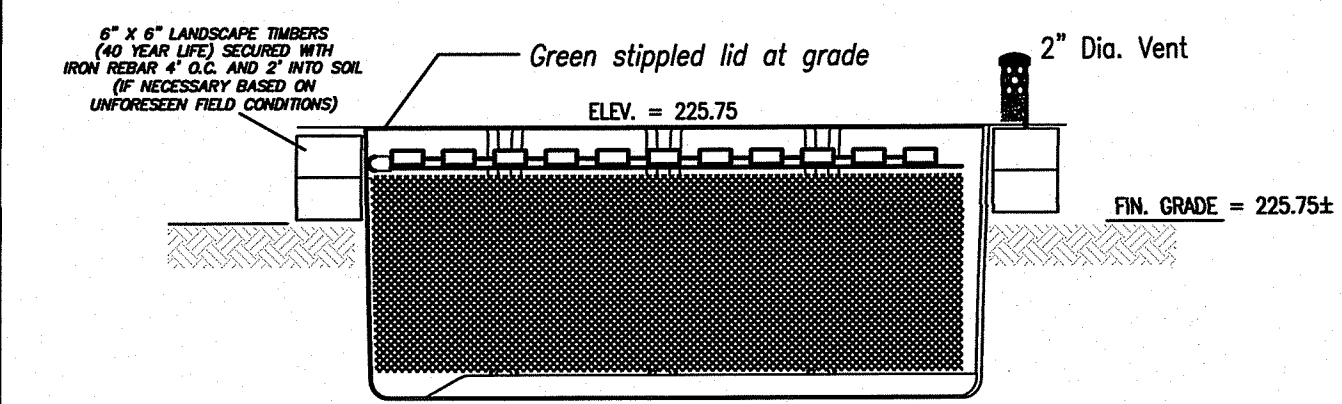
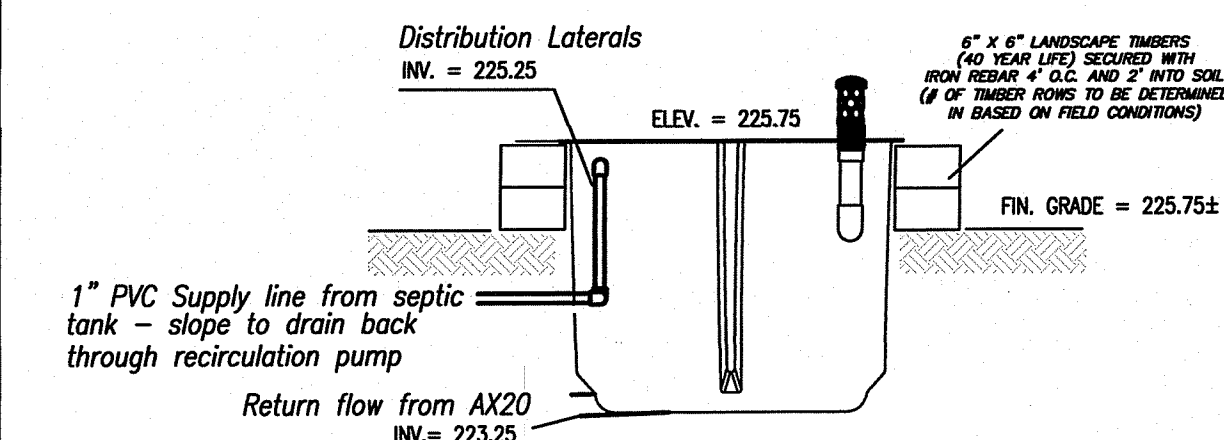


Top View - AX 20 ADVANTEX Textile Filter
NOT TO SCALE



Side View - AX 20 ADVANTEX Textile Filter
NOT TO SCALE



End View

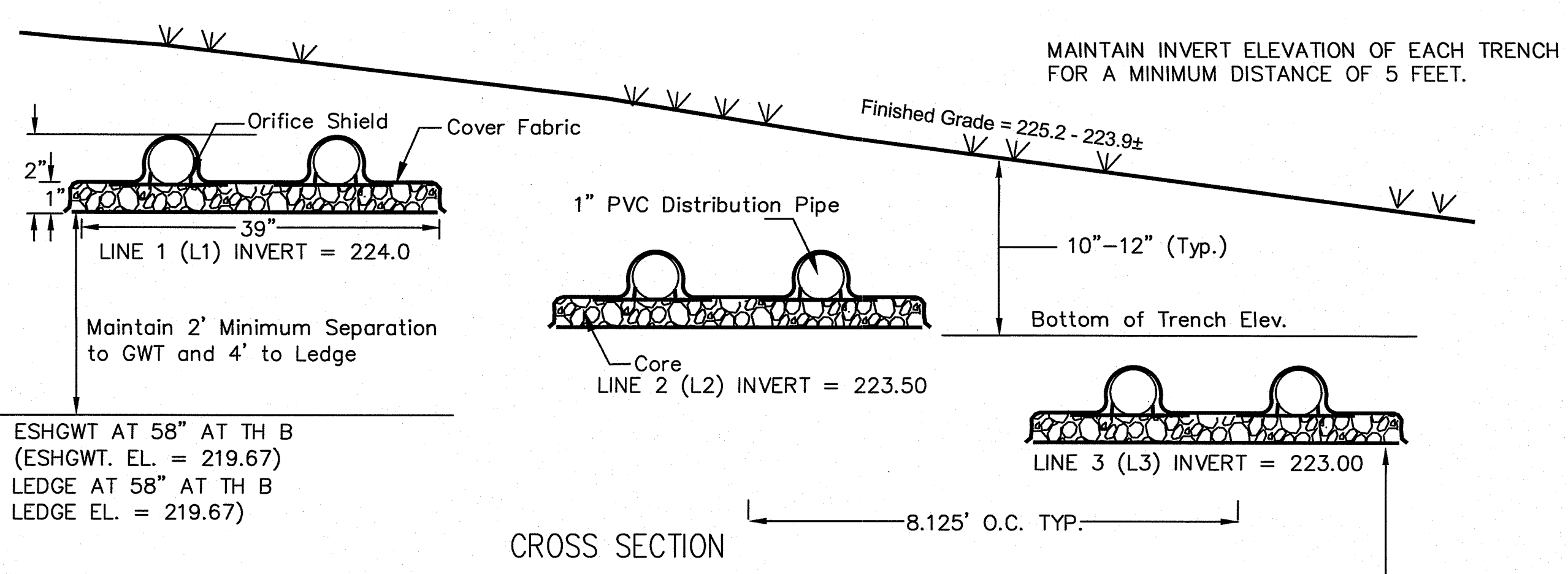
DRAINFIELD SIZE DETERMINATION
 3 BEDROOMS X 115 GAL = 345 GPD
 345 GPD / 1.9 GPD/SF = 181.6 SF
 3 ROWS GEOMAT 3900 AT 19 FEET = 185.25 SF

LIST OF COMPONENTS

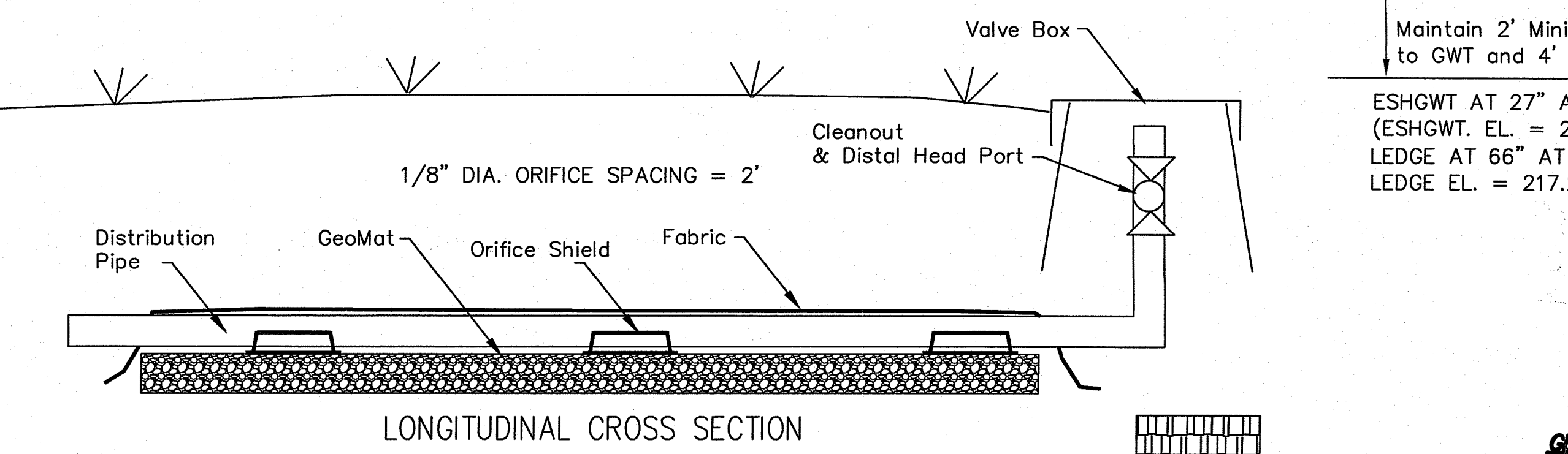
- 1500 GALLON 2-COMPARTMENT CONCRETE SEPTIC TANK WITH PUMP VAULT AND RECIRCULATION SPLITTING VALVE.
- 24" DIAMETER X 5' DEEP PUMP BASIN.
- AX20 ADVANTEX TEXTILE FILTER.
- GEOMAT 3900, 3 ROWS @ 19 LF PER ROW (AREA = 185.25 SF).
- ORENCO SYSTEMS, INC. CONTROL PANEL.

SCHEDULE OF PVC PIPE SIZES

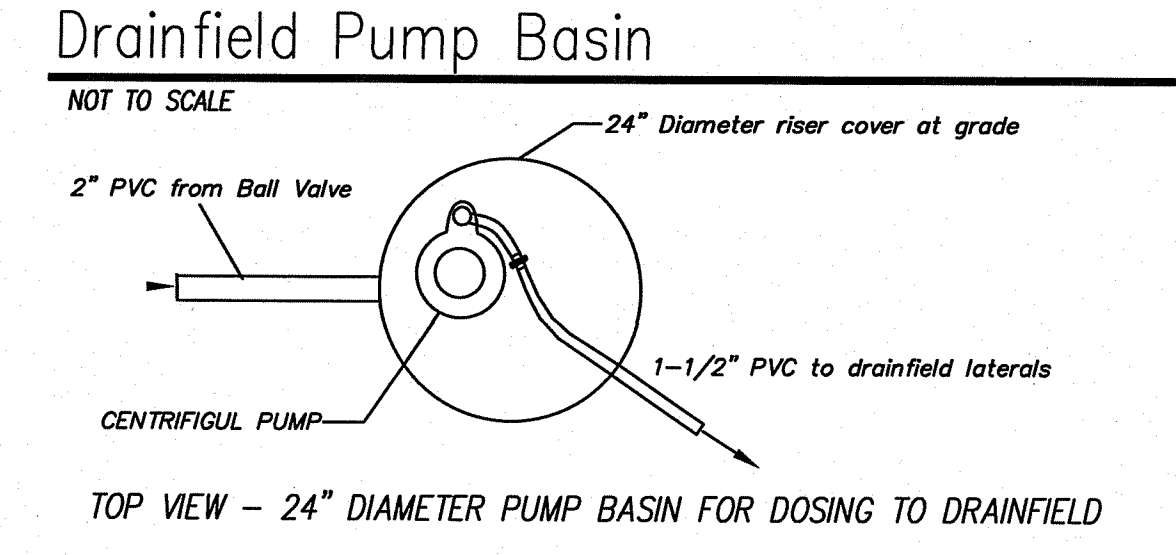
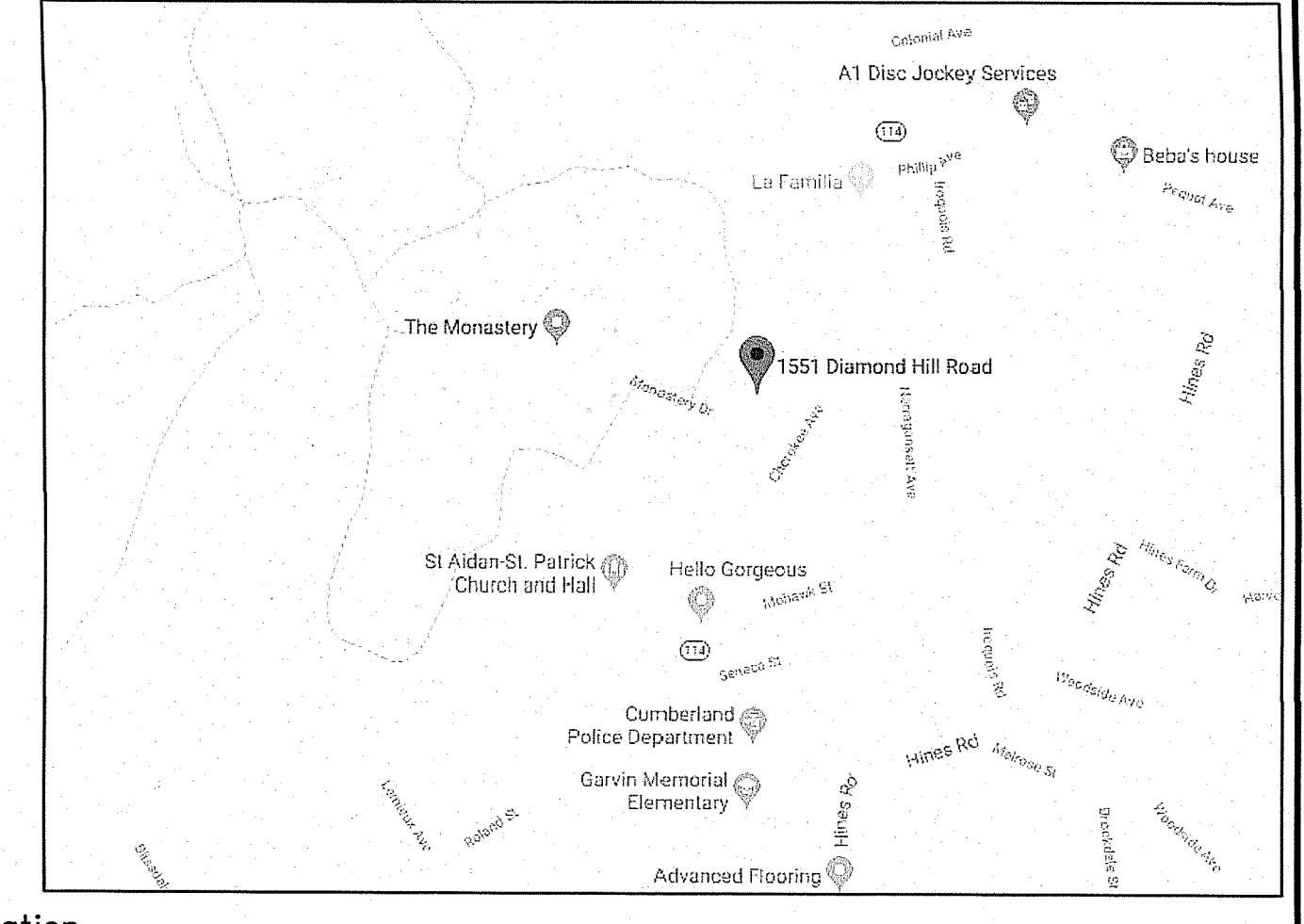
BUILDING TO SEPTIC TANK	4" SCH 40
BUILDING TO PUMP BASIN #1	4" SCH 40
PUMP BASIN #1 TO SEPTIC TANK	1-1/4" SCH 40
SEPTIC TANK TO TEXTILE FILTER	1" SCH. 40 OR EQUAL
TEXTILE FILTER MANIFOLD	1" SCH. 40 OR EQUAL
TEXTILE FILTER LATERALS	3/4" SCH. 40 OR EQUAL
TEXTILE FILTER TO PUMP BASIN	2" SCH 40
PUMP BASIN TO DRAINFIELD	1-1/2" SCH 40 OR EQUAL
DRAINFIELD MANIFOLD	1-1/2" SCH. 40 OR EQUAL
DRAINFIELD LATERALS	1" SCH. 40 OR EQUAL



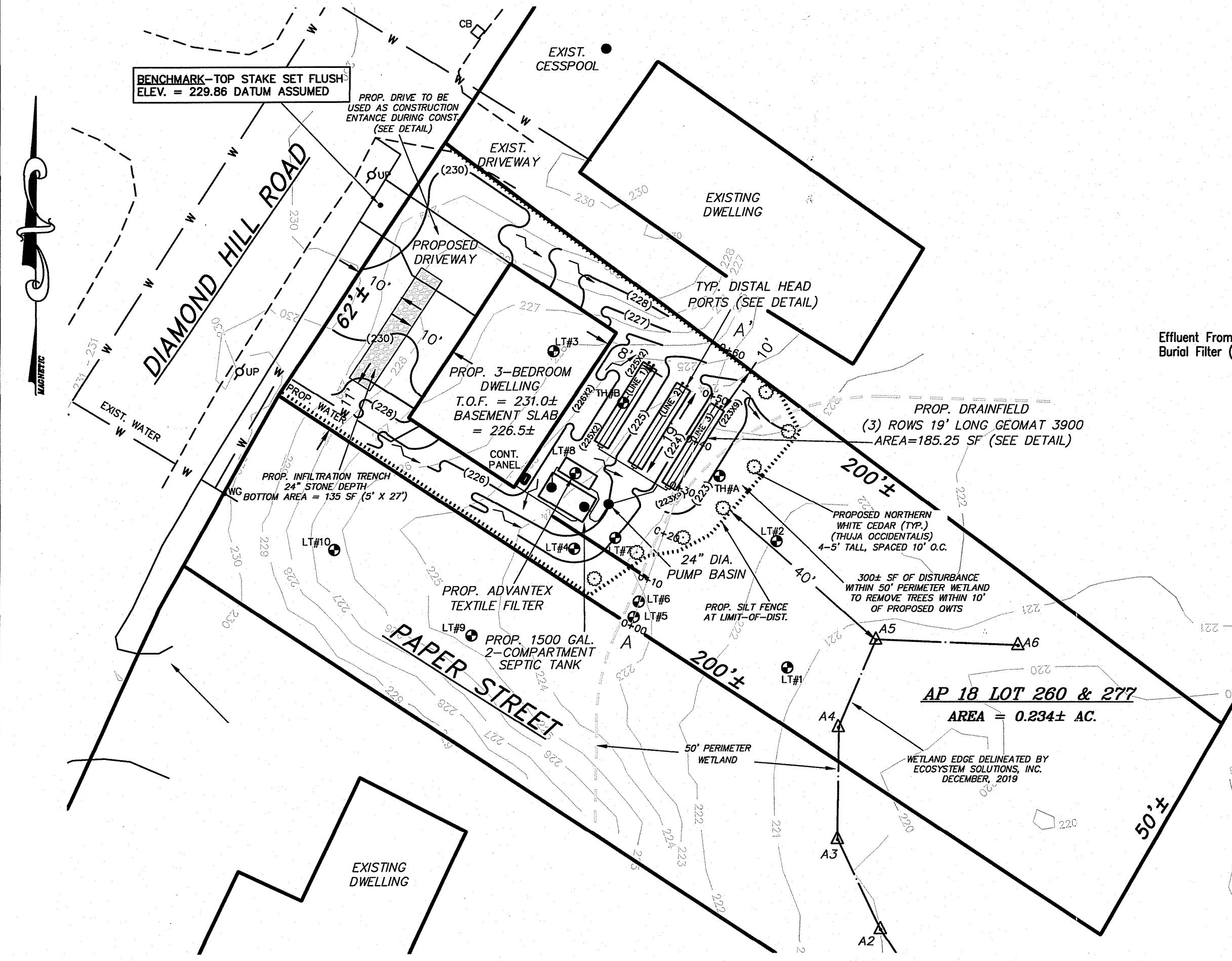
CROSS SECTION



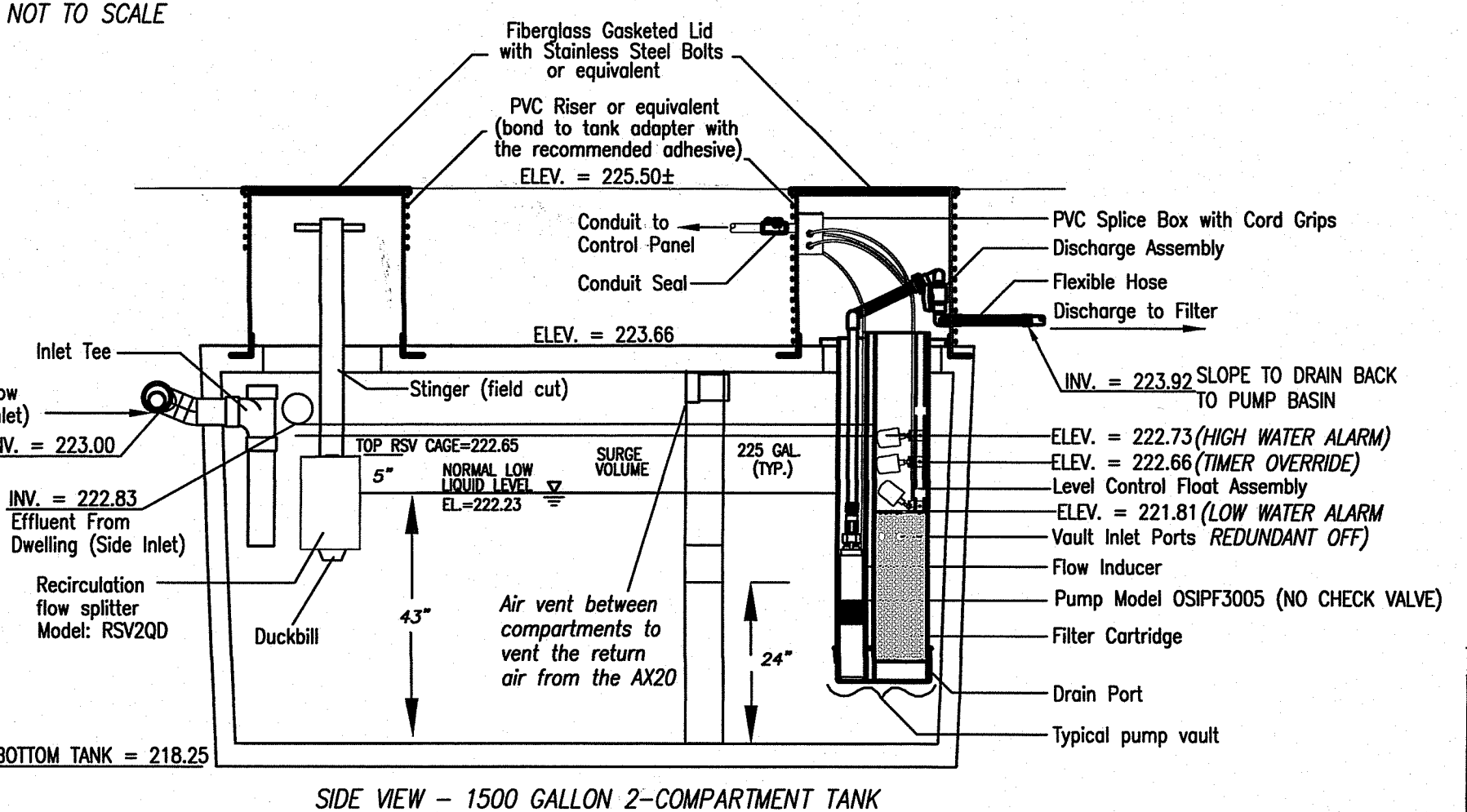
LONGITUDINAL CROSS SECTION



Drainfield Pump Basin
NOT TO SCALE



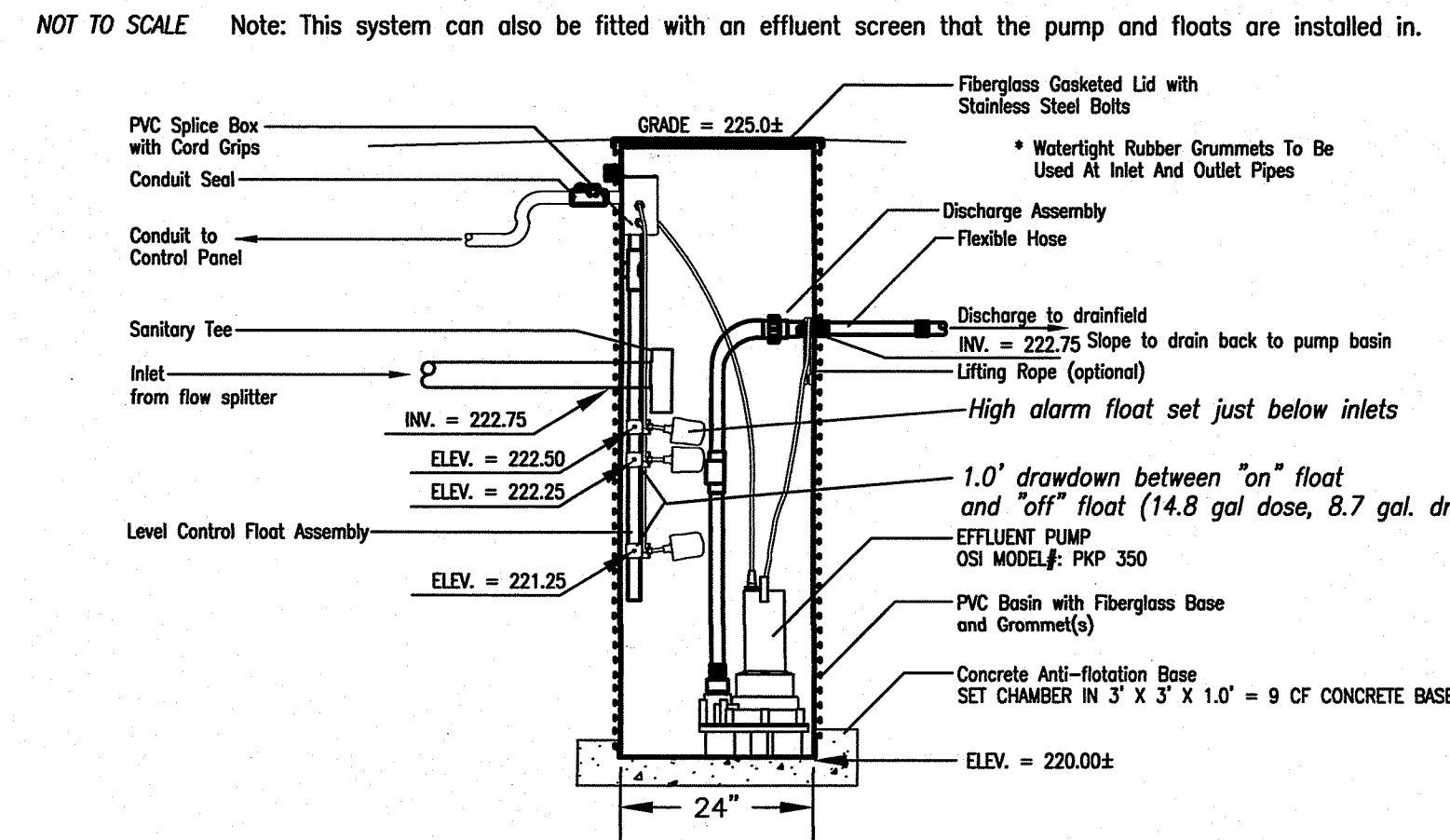
REPS (Recirculating Effluent Pump System) - SIDE VIEW
NOT TO SCALE



SIDE VIEW - 1500 GALLON 2-COMPARTMENT TANK

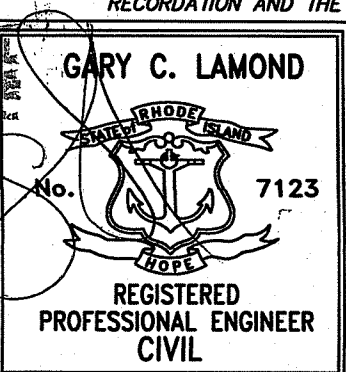
NOTE: IF BEDROCK ENCOUNTERED DURING THE INSTALLATION OF THE SEPTIC/RECIRCULATION TANK AND PUMP BASIN IT WILL BE REMOVED BY EITHER HAND HELD JACKHAMMER OR A MECHANICAL HAMMER ATTACHED TO THE BOOM OF AN EXCAVATOR. BEDROCK WILL BE REMOVED TO A MINIMUM OF SIX INCHES BELOW THE ENTIRE BASE AND FOR A 2 FOOT PERIMETER AROUND THE BASE OF THE TANK/PUMP BASIN. A MINIMUM OF 6" OF CRUSHED STONE OR PEA STONE SHALL BE PLACED ABOVE THE LEDGE TO PROVIDE A BED TO SET THE TANK AND/OR PUMP BASIN UPON. THE STONE BED SHALL EXTEND UP THE SIDE OF THE TANK/PUMP BASIN TO AT LEAST 12" ABOVE THE SURFACE OF ANY SURROUNDING BEDROCK. THERE WILL BE NO BEDROCK BLASTING DURING THE OWTS INSTALLATION.

Bottomless Sand Filter Pump Basin with Effluent Pump Assembly
NOT TO SCALE



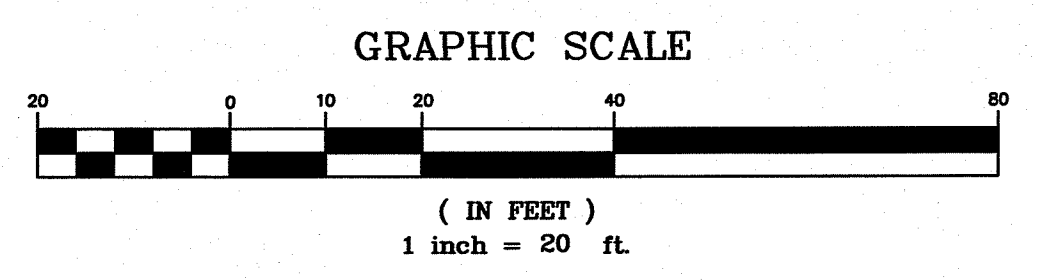
ED	ELEV.
BUILDING SEWER ELEV	223.13
INTO TANK	222.83
TOP OF TANK	223.66
BOT OF TANK	218.25
COVER ELEV OVER TANK	225.50
RSV INV	223.00
INV OUT ADV. PUMP	223.91
INV INTO PUMP BASIN	222.75
INV OUT PUMP BASIN	222.75
COVER ELEV OVER PUMP BASIN	225.00
PUMP HW ALARM ELEV	222.50
PUMP ON ELEV	222.25
PUMP OFF ELEV	221.25
BOT OF PUMP BASIN	220.00
TOP OF ADV. UNIT	225.75
ADV. UNIT INV IN	225.25
ADV. UNIT INV OUT	223.25
EX GRADE AT GEOMAT	223.0-225.0±
PROP. GRADE AT GEOMAT	223.9-225.2±
INV. OF GEOMAT LINE 1 ELEV	224.00
INV. OF GEOMAT LINE 2 ELEV	223.50
INV. OF GEOMAT LINE 3 ELEV	223.00

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED MAR 31 2020 FILE # 20-0051

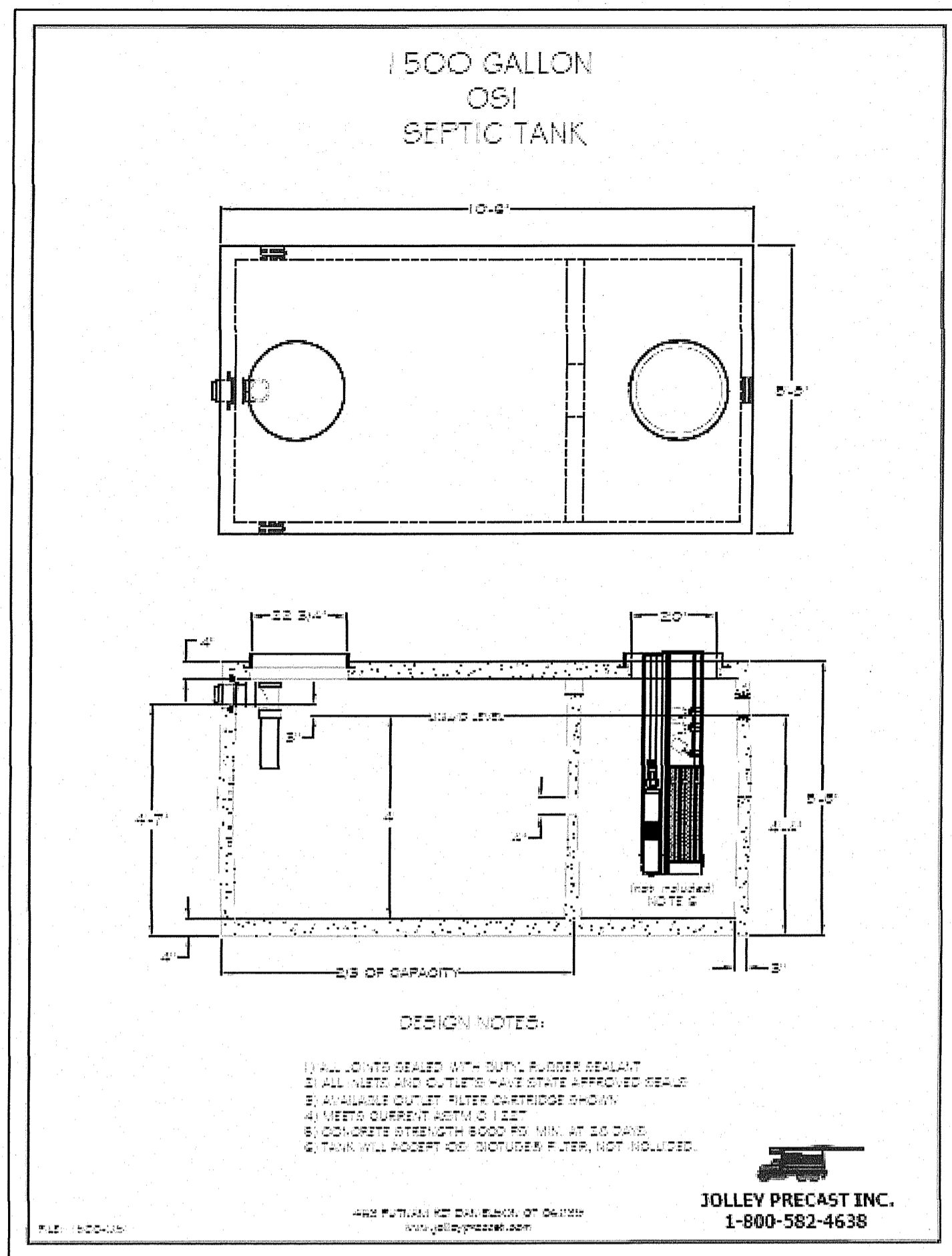


TITLE: OWTS DESIGN PLAN
PROJECT: A.P. 18 LOT 277
 1551 DIAMOND HILL ROAD
 CUMBERLAND, RHODE ISLAND
CLIENT: BRIAN MACARI
GARY C. LAMOND, PE, LLC
 194 HATCHERY ROAD
 NORTH KINGSTOWN, RI 02852

PROJ. NO: 2019045
 DATE: 09/23/19
 1/3
 REVISED: 3/4/2020



LEDGE TEST	LEDGE DEPTH	LEDGE DEPTH	DATE EXCAVATED
LT#1	48"	217.20	7/26/19
LT#2	56"	217.50	7/26/19
LT#3	48"	222.00	7/26/19
LT#4	54"	219.00	7/26/19
LT#5	12"	222.20	7/26/19
LT#6	80"	216.30	10/30/19
LT#7	54"	219.00	10/30/19
LT#8	60"	219.50	EXIST. PIPE
LT#9	72"	218.75	EXIST. PIPE
LT#10	72"	220.50	EXIST. PIPE



1551 Diamond Hill Road
 9/23/2019

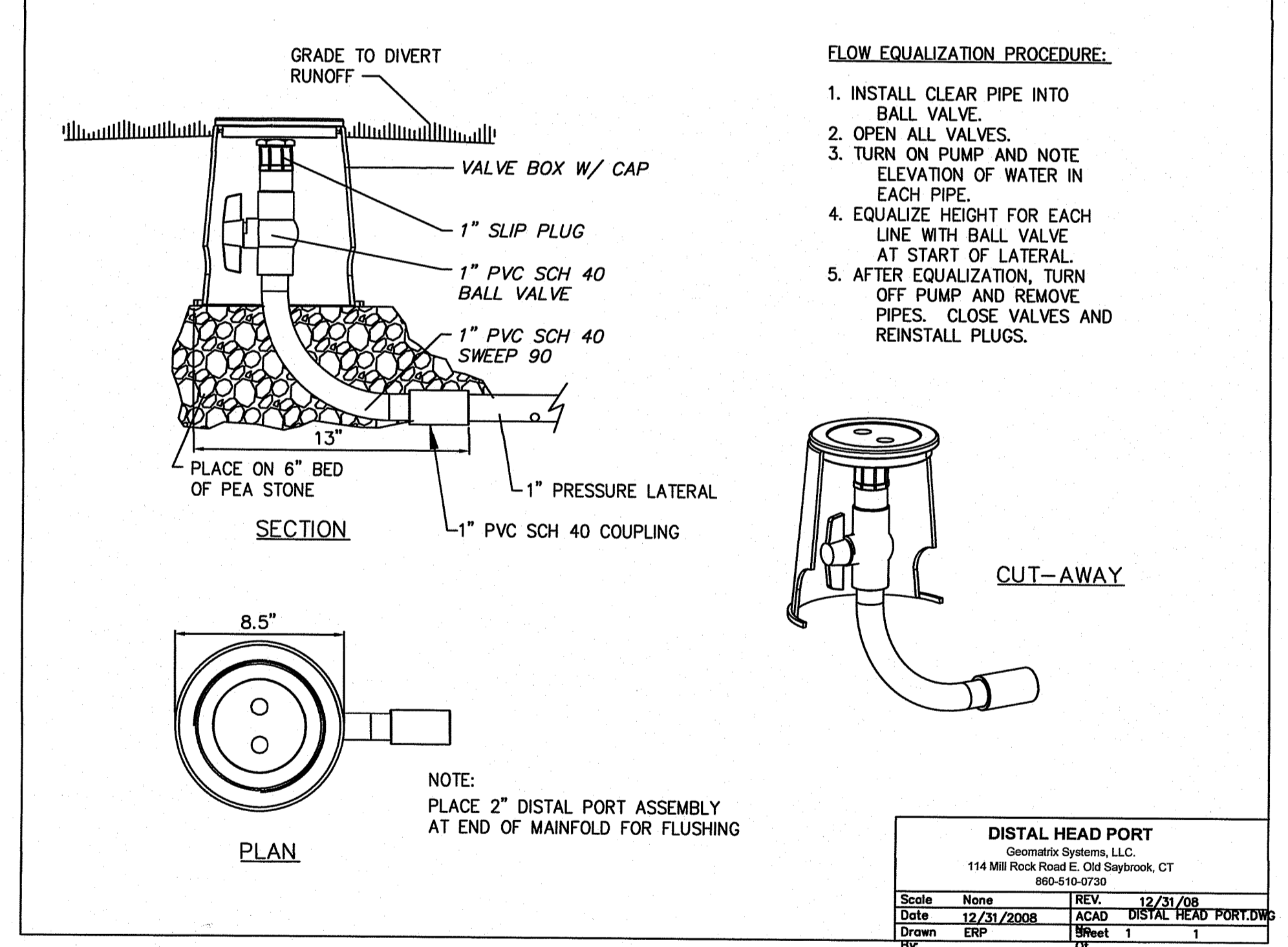
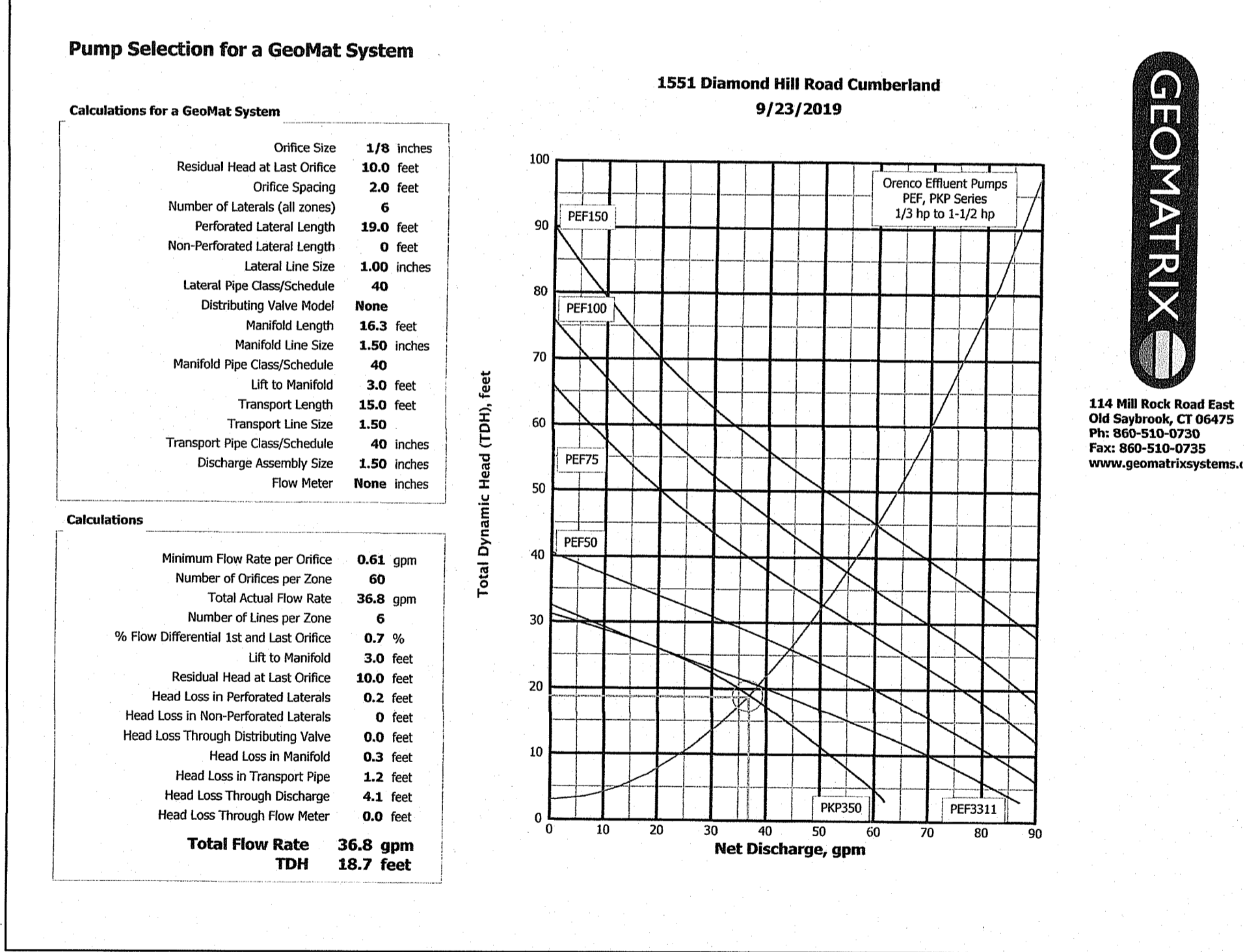
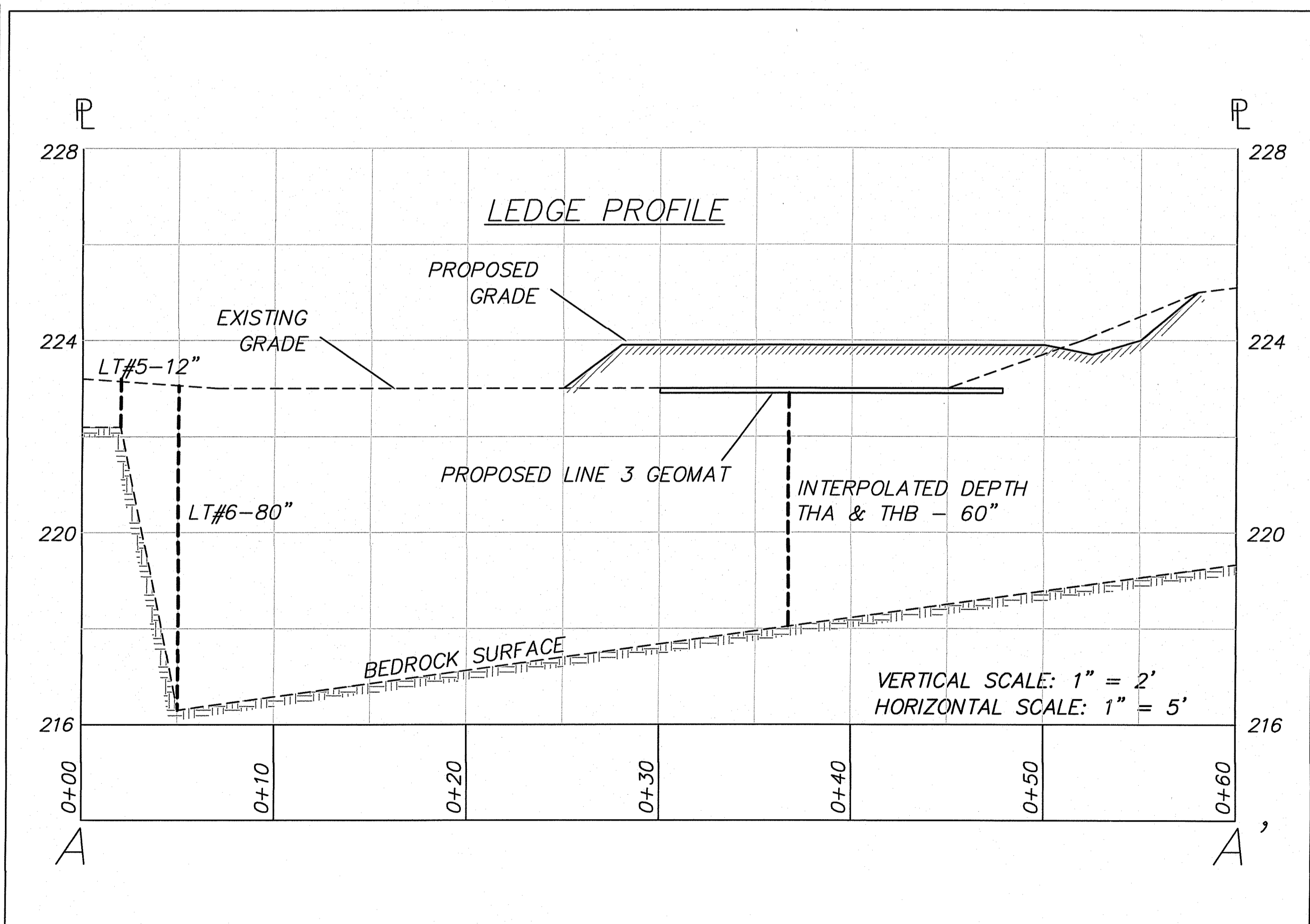
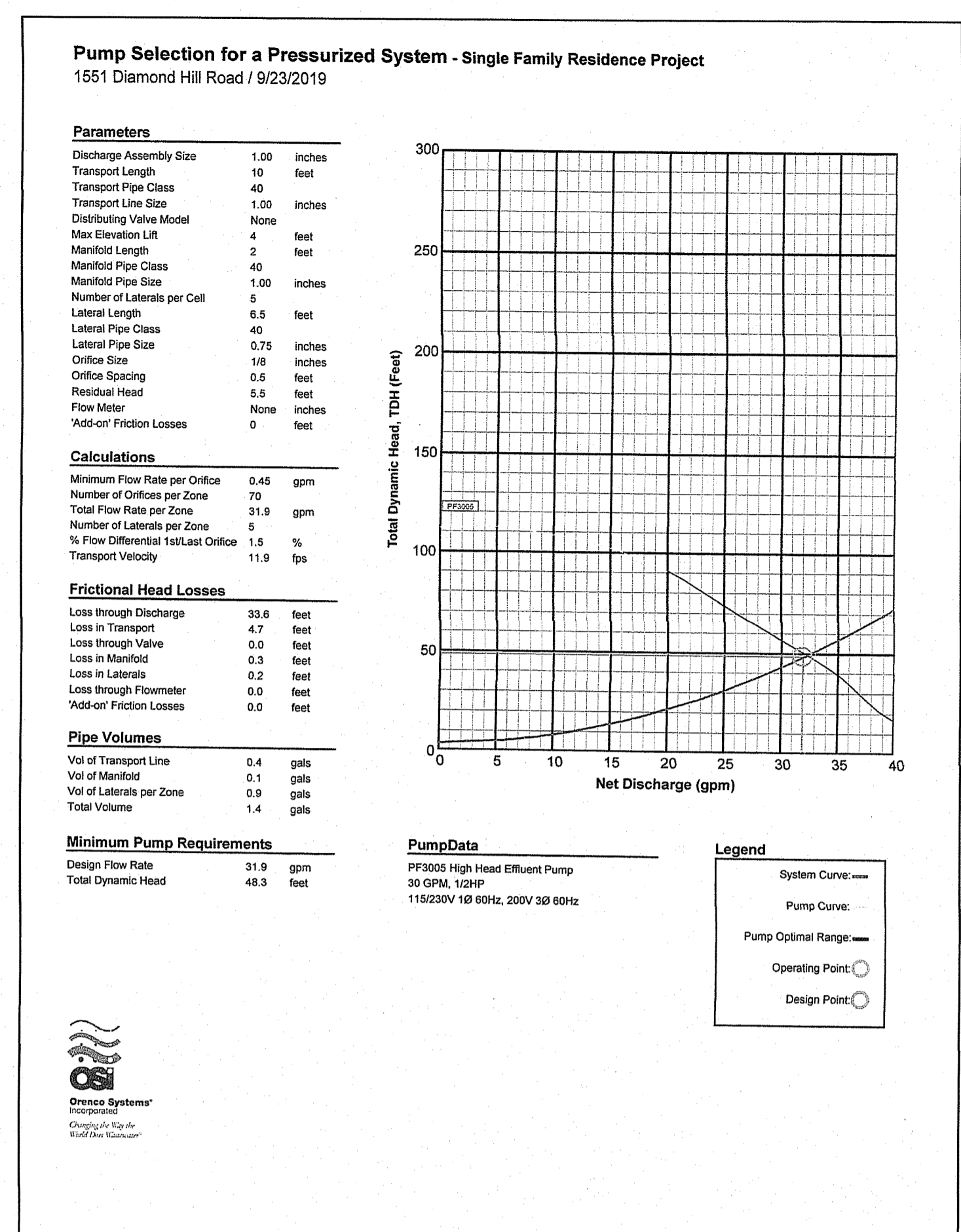
TEXTILE FILTER PUMP CYCLE TIME INTERVALS (RESIDENTIAL)

INPUT			
COMMERCIAL OR RESIDENTIAL?	residential	choose	
NUMBER OF BEDROOMS	3		
TOTAL FLOW	345	gallons/day	
PRETREATMENT UNIT USED	AX-20	choose	
PUMP'S ACTUAL OPERATING POINT (FLOW)	31.9	gpm	from pump calculations
(30 seconds is standard) PUMP 'ON' TIME (every cycle)	27	seconds	IGNORE THIS LINE, SEE
# OF PRETREATMENT UNITS PER PUMP	1	units	
RECIRCULATION RATIO	1.5		
IS THERE A CHECK VALVE (with no weep hole)?	no	choose	INPUT THE SIZE
ALTERNATING PUMPS?	no	choose	please ignore it
ore if single pump) HOW MANY ALTERNATING PUMPS?	2	ignore this line	
OUTPUT			
ACTUAL FLOW	225	gallons/day	
# OF ORIFICES PER DOSE	70	orifices	
(better if less than 2.4 hrs/day) RUN TIME PER PUMP	0.59	hrs/day	
PUMP ON	0.50	(min/dose)	0:30 min:sec
PUMP OFF	17.87	(minutes)	17:52 min:sec
VERRIDE TIMER ON	0.45	(min/dose)	0:27 min:sec
VERRIDE TIMER OFF	8.94	(minutes)	8:56 min:sec
CHECK			
(per day) (<300) TOTAL CYCLES PER PUMP	78.37	cycles	O.K.!!
INPUT THE PIPE INFORMATION ONLY IF YOU HAVE WEEPHOLE ABOVE CHECK VALVE			
INPUT ONLY IF YOU HAVE WEEPHOLE ABOVE CHECK VALVE (or no check valve)			
DISCHARGE ASSEMBLY DIAMETER	1	inches	
TRANSPORT LINE NOMINAL DIAMETER	1	inches	
TRANSPORT LINE PIPE CLASS/SCHEDULE	40	choose	
DISCHARGE ASSEMBLY LENGTH	5	feet	
TRANSPORT LINE LENGTH	10	feet	
VOLUME TO FILL-UP	1.64	gallons	
TIME NEEDED FOR PIPE FILL-UP	0.05	minutes	
TOTAL TIME PER DAY FOR FILL-UP	0.46	minutes	
VOLUME PER DOSE REACHING UNIT	14.4	gallons	O.K.!!

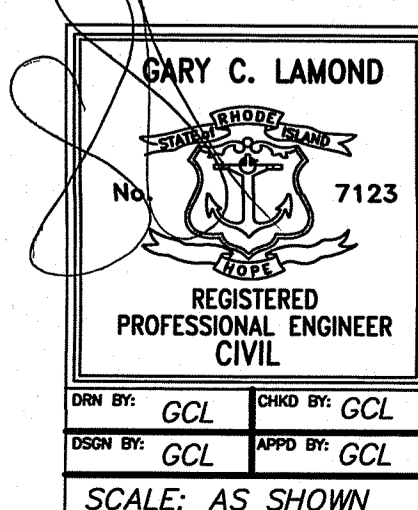
1551 Diamond Hill Road
 11/7/2019

TWO COMPARTMENT PROCESSING TANK (3-FLOAT)

INPUT			
TWO COMPARTMENT TANK VOLUME CAPACITY	1500	gallons	O.K.!
INVERT INTO RECIRCULATING TANK	222.83		
SURGE CAPACITY	225	gallons	O.K.!
(inches) (24" typical) CARTRIDGE HEIGHT	24	choose	
PUMP VAULT HEIGHT (57" typical)	57	inches	O.K.!
STANCE FROM OUTSIDE TOP OF TANK TO FLOOR OF TANK	81	inches	from ti
DISTANCE FROM INVERT IN TO OUTSIDE TOP OF TANK	10	inches	from ti
OUTPUT			
TANKS CAPACITY	31.25	gal/inch	
SURGE VOLUME PERCENTAGE	22.5	%	
HIGH LEVEL ALARM			
Elev. inv.-in (feet)	222.83	0.00	4.25
VERRIDE TIMER	222.66	0.17	4.08
TOP OF R.S.V. CAGE	222.66	0.18	4.07
TOP OF FILTER CARTRIDGE	221.90	1.33	2.92
NORMAL LOW LIQUID LEVEL (NLLL)	222.23	0.60	3.65
LOW WATER ALARM/REDUNDANT OFF	221.81	1.02	3.23
DISTANCE FROM THE NLLL TO FLOOR OF TANK (DISTANCE "X")		60% "X"	2.19
		70% "X"	2.56
CHECKS			
MINIMUM ALLOWED ELEVATION OF LOW WATER ALARM	Elev. inv.-in (feet)	221.86	1.17
MINIMUM ELEVATIONS ARE MET! O.K.!			
PUMP VAULT HEIGHT CHECK PUMP VAULT FITS IN THE TANK! O.K.!			
MINIMUM SURGE CAPACITY CHECK SURGE VOLUME ACCEPTABLE! O.K.!			



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED MAR 31 2020 FILE # 20-0051
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE
 Nancy L. Freeman



TITLE: OWTS DESIGN PLAN

PROJECT: A.P. 18 LOT 277
 1551 DIAMOND HILL ROAD
 CUMBERLAND, RHODE ISLAND

CLIENT: BRIAN MACARI

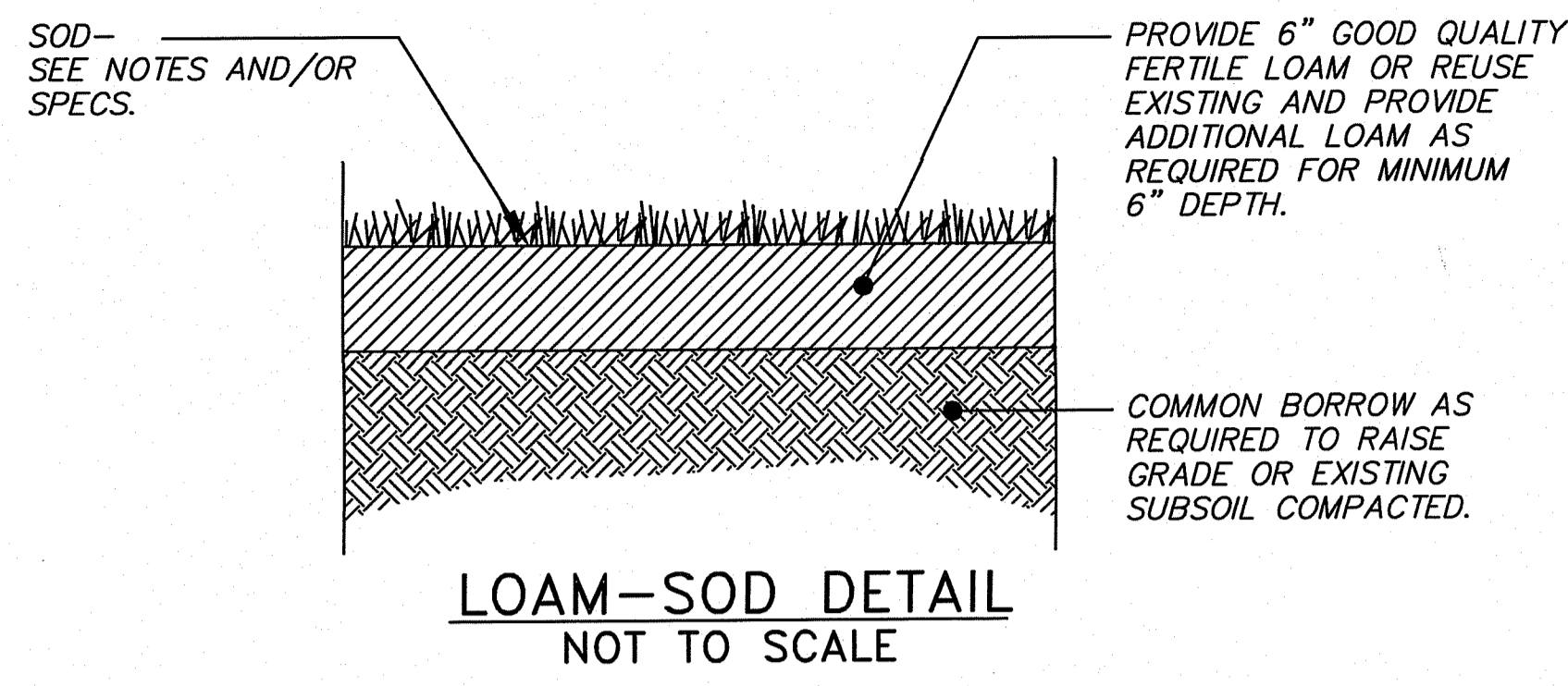
GARY C. LAMOND, PE, LLC
 194 HATCHERY ROAD
 NORTH KINGSTOWN, RI 02852

PROJ. NO: 2019045

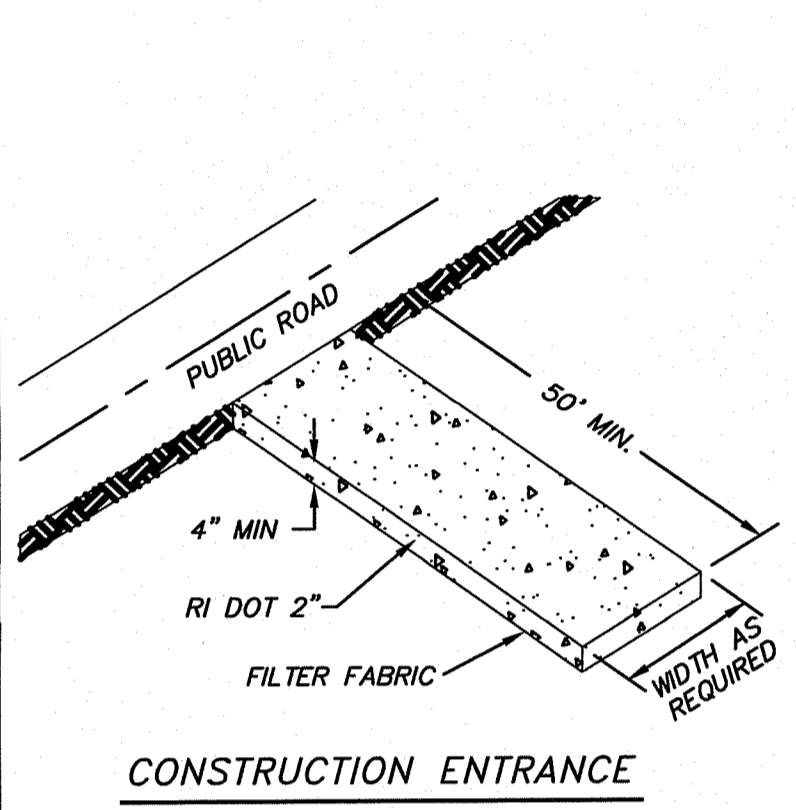
DATE: 09/23/19

2/3

REVISED: 03/04/2020



LOAM-SOD DETAIL
NOT TO SCALE

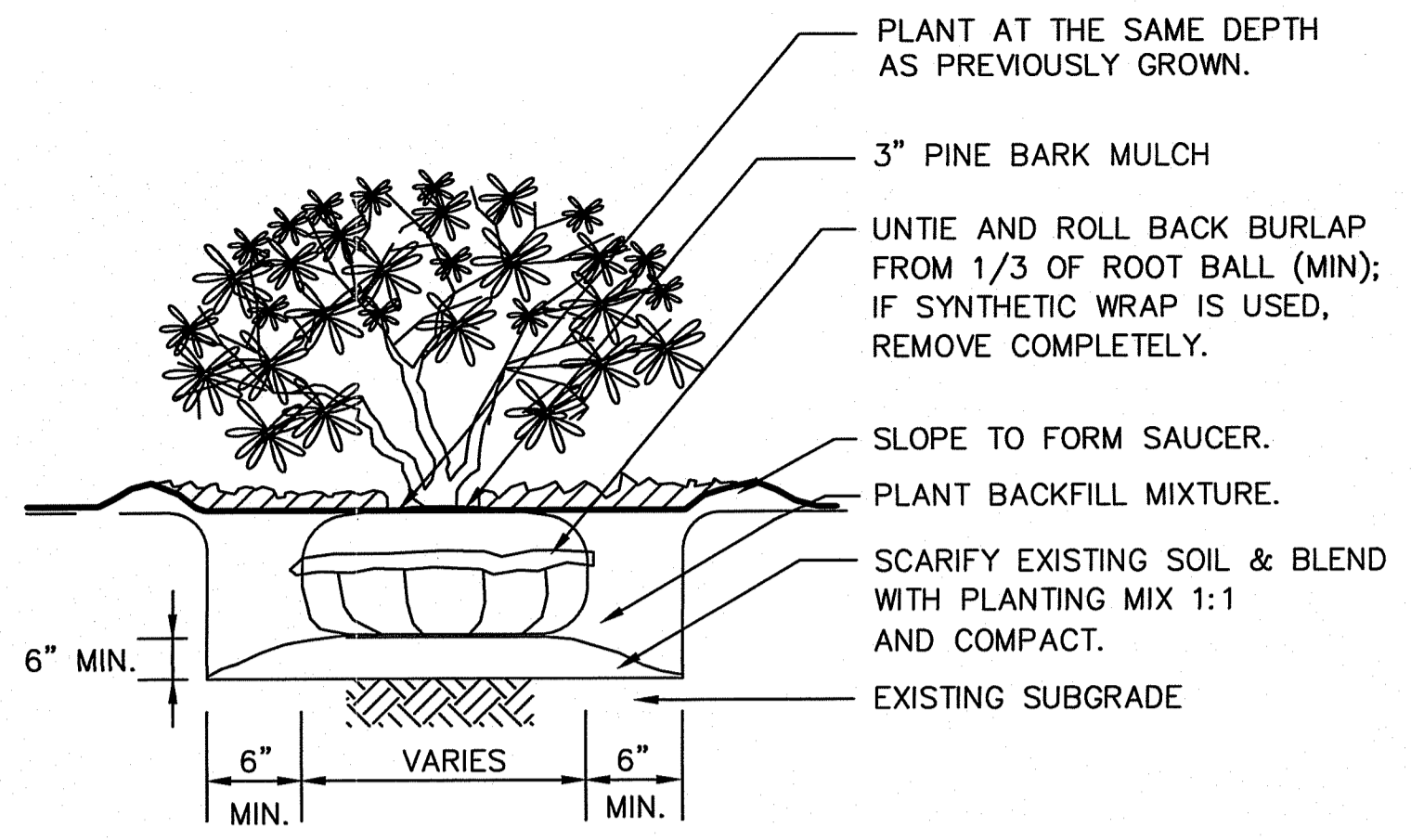


CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE

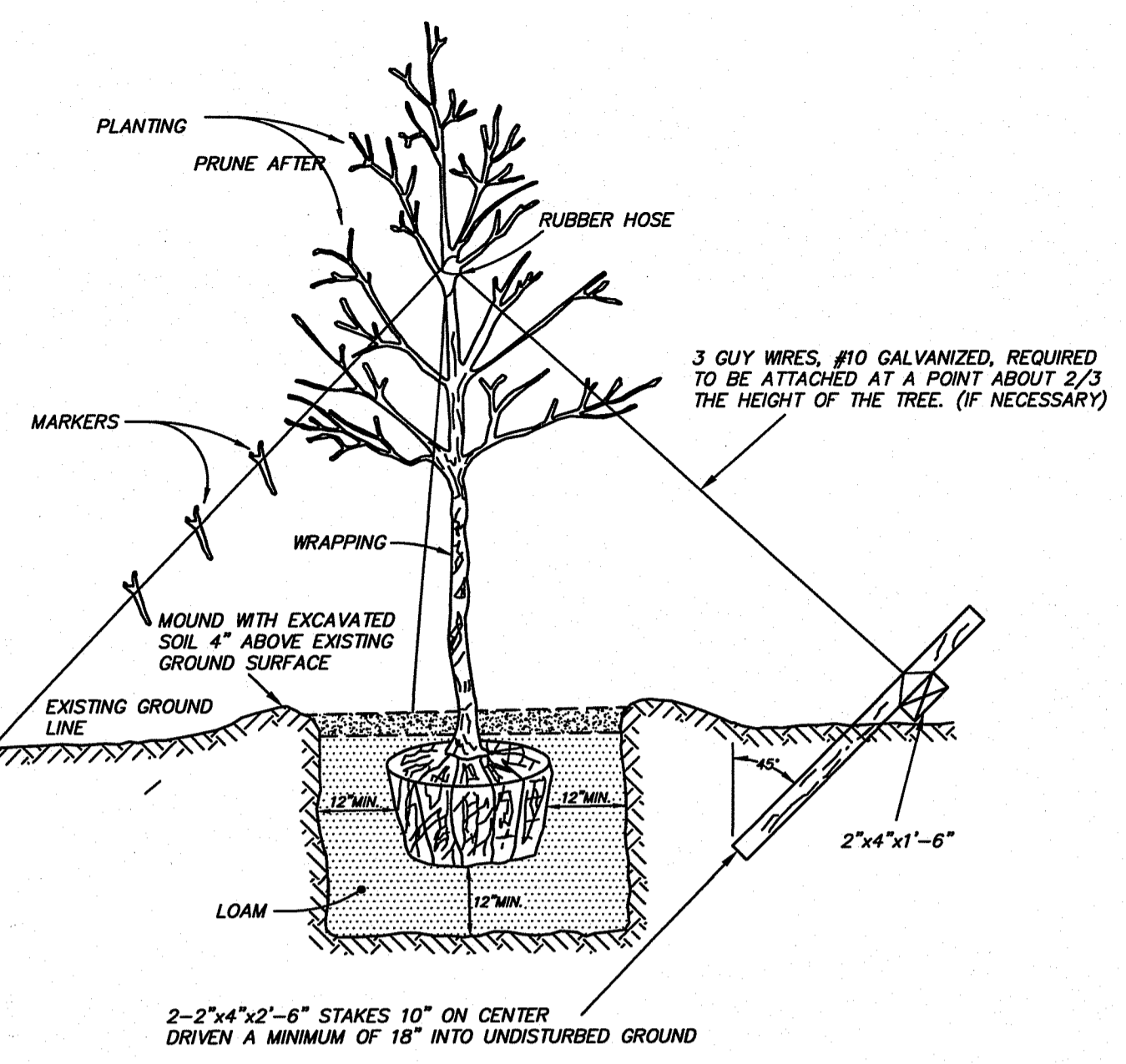
MATERIALS SIZE			
SQUARE MESH SIZES (INCHES)	2" CRUSHED STONE OR GRAVEL % FINER	ASTM C-33 NO. 2 % FINER	ASTM C-33 NO. 3 % FINER
2-1/2	100	90-100	100
2	95-100	35-70	90-100
1-1/2	30-55	0-15	35-70
1-1/4	0-25	0-25	0-15
1	0-5	—	0-15
3/4	—	0-5	—
1/2	—	—	0-5
3/8	—	—	—

INSTALLATION REQUIREMENTS
THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL. A STABILIZATION FILTER CLOTH CAN BE PLACED ON THE SUBGRADE PRIOR TO THE GRAVEL PLACEMENT TO PREVENT PUMPING. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

MAINTENANCE
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS WILL REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.



TYPICAL SHRUB PLANTING DETAIL
NOT TO SCALE



TYPICAL TREE PLANTING DETAIL
NOT TO SCALE

EROSION CONTROL PROGRAM
PRIOR TO START OF CONSTRUCTION, HAYBALES, SILT FENCES AND ALL OTHER SPECIFIED EROSION CONTROL FENCES SHALL BE IN PLACE.

CRITICAL AREAS SUCH AS WETLAND AREAS, SLOPES AND STREAMS SHALL BE PROTECTED AS PER PLAN AND, IN THE PRESENCE OF WETLANDS, THE CONDITIONS OF ANY ISSUED PERMIT SHALL BE ADHERED TO.

THE CONTRACTOR SHALL BE REQUIRED TO ESTABLISH AND FULLY MAINTAIN ALL REQUIRED EROSION AND SEDIMENTATION CONTROLS.

SEDIMENTATION CONTROL PROGRAM

ALL EXPOSED SLOPES, INCLUDING STOCKPILES OF MATERIAL, SHALL RECEIVE TEMPORARY SEDIMENTATION AND EROSION CONTROLS. THIS WILL INCLUDE LOAMING AND SEEDING, MULCHING, HAYMATS, ETC., TO STABILIZE THE AREA.

ALL DRAINAGE STRUCTURES SHALL BE SURROUNDED BY HAYBALES TO PREVENT INFILTRATION OF SEDIMENTS.

DRYWELLS, GALLEYS, RAIN GARDENS, AND OTHER LEACHING FACILITIES SHALL BE THOROUGHLY PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION. IF SEDIMENTS ENTER FACILITIES DURING CONSTRUCTION, THE STRUCTURES SHALL BE CLEARED AND, IF NECESSARY, REMOVED AND REINSTALLED WITH ALL EXPENSE TO BE BORNE BY CONTRACTOR.

SHOULD SEDIMENTS ENTER A CRITICAL AREA, (WETLAND, BUFFER ZONE, ABUTTING PROPERTY) THE CONTRACTOR SHALL IMMEDIATELY CLEAN AND RESTORE THE EFFECTED AREA.

SLOPE PROTECTION TO BE INSTALLED ON ANY DISTURBED AREAS SUBJECT TO EROSION.

EXTREME CARE SHALL BE TAKEN TO PREVENT SEDIMENT OR UNSUITABLE MATERIAL FROM ENTERING WETLANDS, ROADWAYS AND/OR DRAINAGE STRUCTURES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES PROMPTLY AFTER EACH RAINFALL AND TO ENSURE THAT RUNOFF FLOW PATTERNS ARE NOT INHIBITED DURING RAINFALL AND/OR SNOWMELT.

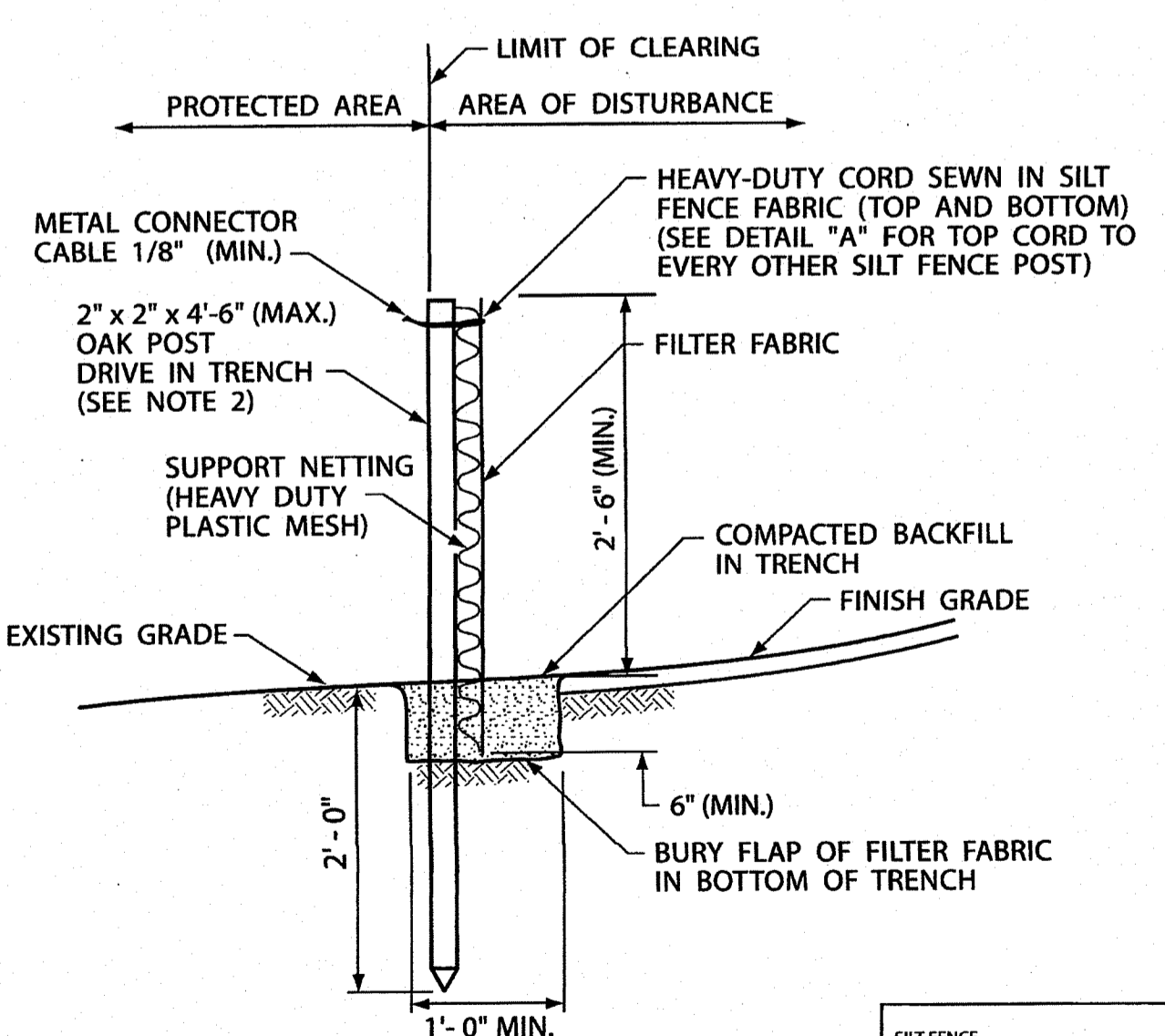
REMOVED SEDIMENTS SHALL NOT BE STOCKPILED IN AREAS WHERE POTENTIAL EXISTS FOR TRANSPORT OF THESE SEDIMENTS VIA STORM FLOW TO WETLANDS OR OTHER UNDESIRABLE LOCATIONS.

SILT FENCE SHALL BE PLACED AS DESIGNATED ON PLAN AS WELL AS ANY AREAS WHERE CONDITIONS WARRANT DURING CONSTRUCTION.

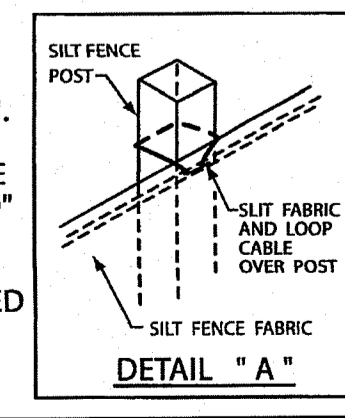
ACCUMULATED SEDIMENTS SHALL BE REMOVED AS DIRECTED BY THE OWNER, ENGINEER, BIOLOGIST, APPLICANT, LOCAL OR STATE OFFICIALS.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION ENTRANCE. AT A MINIMUM THE ENTRANCE SHALL BE SWEEPED FREE OF SEDIMENT AND DEBRIS AT THE END OF EACH WORK DAY.

Installation of Silt Fence



NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
2. 2" x 2" x 4'-6" (MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
3. 1" x 1" x 4'-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



SOIL STABILIZATION & PLANTING PROGRAM

ACCEPTABLE PLANTING MATERIALS:
LOAM - THE MATERIAL TO BE FURNISHED SHALL CONSIST OF LOOSE, FRIABLE, SANDY LOAM OR LOAM TOPSOIL FREE OF A MIXTURE OF SUBSOIL, REFUSE, STUMPS, ROOTS, ROCKS, BRUSH, WEEDS AND OTHER MATERIAL WHICH WILL PREVENT THE FORMATION OF A SUITABLE SEED BED.

SEED MIXTURES - ALL LEGUME SEED SHALL BE INOCULATED WITHIN 24 HOURS BEFORE MIXING AND PLANTING WITH THE APPROPRIATE INOCULUM FOR EACH VARIETY. ALL INOCULA SHALL BE FRESH AND SHALL BE USED WITHIN THE DATE LIMIT PRESCRIBED BY THE MANUFACTURER.

FOR RELATIVELY FLAT SLOPES:

MIX	% BY WEIGHT
RED FESCUE - CHEWING'S PENNLAWN OR CREEPING	70
KENTUCKY BLUEGRASS	15
COLONIAL BENTGRASS - ASTORIA OR EXETER	5
PERENNIAL RYEGRASS	10

- SEEDING RATE = 100 LBS. PER ACRE

FOR STEEP SLOPES 3:1 OR GREATER

MIX	% BY WEIGHT
RED FESCUE - PENNLAWN OR CREEPING	75
PERENNIAL RYEGRASS	5
COLONIAL BENTGRASS - ASTORIA OR EXETER	5
BIRDSFOOT TREFLOIL - EMPIRE	15

- SEEDING RATE: 100 LBS. PER ACRE

THE ACCEPTED PLANTING SEASON SHALL BE BETWEEN APRIL 1ST AND OCTOBER 15TH. CONTRACTOR SHOULD COORDINATE, ON ALL DISTURBED AREAS. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FOUR (4) INCHES OF LOAM ON AREAS UP TO 10% IN GRADE. ALL AREAS OVER 10% SHALL RECEIVE A MINIMUM OF SIX (6) INCHES.

EROSION CONTROL PROGRAM

PRIOR TO START OF CONSTRUCTION, HAYBALES, SILT FENCES AND/OR ALL OTHER SPECIFIED EROSION CONTROL FENCES SHALL BE IN PLACE.

CRITICAL AREAS SUCH AS WETLAND AREAS, SLOPES AND STREAMS SHALL BE PROTECTED AS PER PLAN AND, IN THE PRESENCE OF WETLANDS, THE CONDITIONS OF ANY ISSUED PERMIT SHALL BE ADHERED TO.

THE CONTRACTOR SHALL BE REQUIRED TO ESTABLISH AND FULLY MAINTAIN ALL REQUIRED EROSION AND SEDIMENTATION CONTROLS.

SEDIMENTATION CONTROL PROGRAM

ALL EXPOSED SLOPES, INCLUDING STOCKPILES OF MATERIAL, SHALL RECEIVE TEMPORARY SEDIMENTATION AND EROSION CONTROLS. THIS WILL INCLUDE LOAMING AND SEEDING, MULCHING, HAYMATS, ETC., TO STABILIZE THE AREA.

ANY DRAINAGE STRUCTURES SHALL BE SURROUNDED BY HAYBALES TO PREVENT INFILTRATION OF SEDIMENTS.

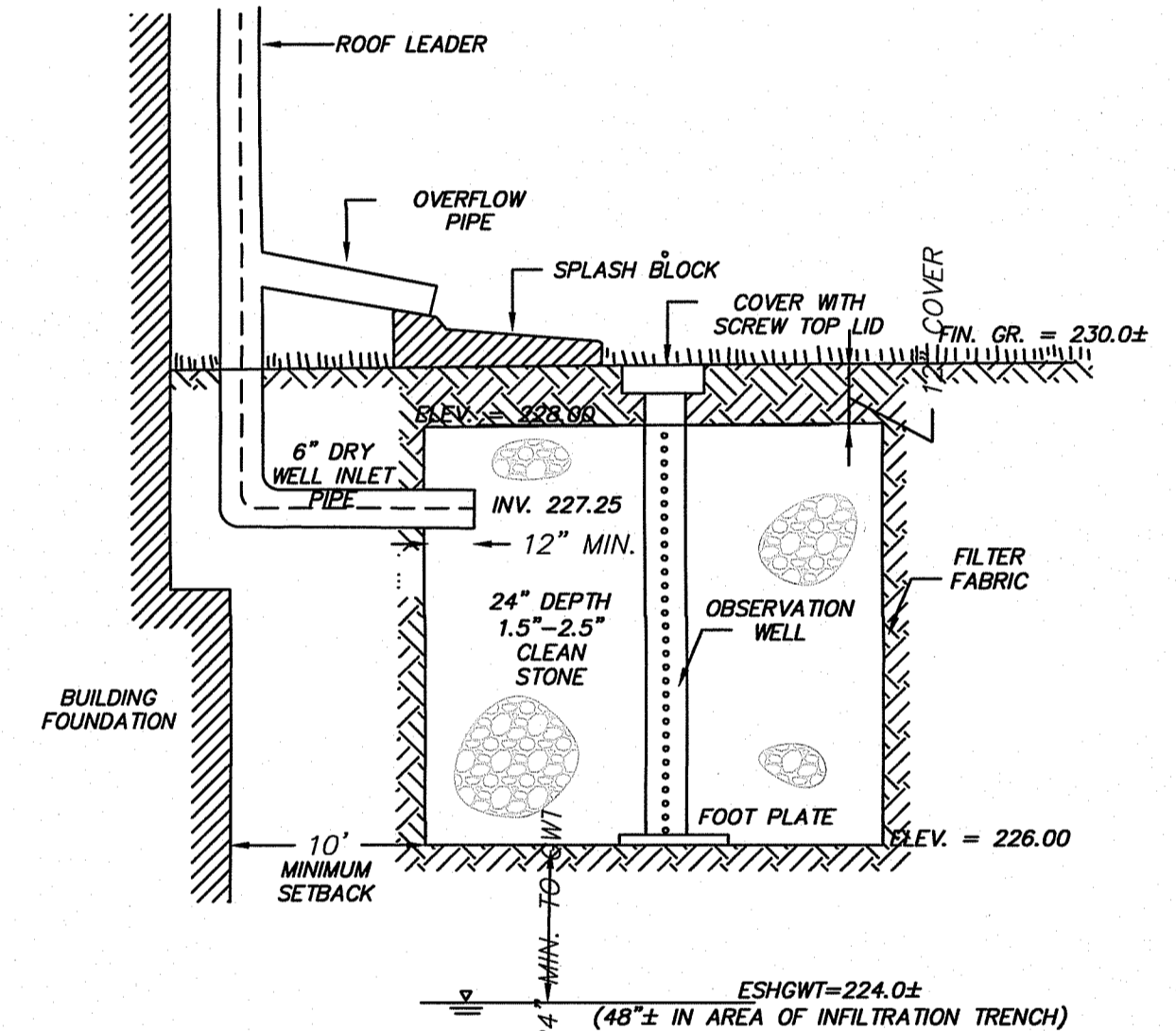
SHOULD SEDIMENTS ENTER A CRITICAL AREA (WETLAND, BUFFER ZONE, ABUTTING PROPERTY) THE CONTRACTOR SHALL IMMEDIATELY CLEAN AND RESTORE THE AFFECTED AREA.

SLOPE PROTECTION TO BE INSTALLED ON ANY DISTURBED AREAS SUBJECT TO EROSION.

EXTREME CARE SHALL BE TAKEN TO PREVENT SEDIMENT OR UNSUITABLE MATERIAL FROM ENTERING WETLANDS, ROADWAYS AND/OR DRAINAGE STRUCTURES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES PROMPTLY AFTER EACH RAINFALL AND TO ENSURE THAT RUNOFF FLOW PATTERNS ARE NOT INHIBITED DURING RAINFALL AND/OR SNOWMELT.

ACCUMULATED SEDIMENTS SHALL BE REMOVED AS DIRECTED BY THE OWNER, ENGINEER, BIOLOGIST, APPLICANT, LOCAL OR STATE OFFICIALS.



DRY WELL DETAIL (5'x27'x24" DEEP)
NOT TO SCALE

DRY WELL DESIGN CALCULATIONS

PROPOSED FOOTPRINT AREA OF DWELLING = 988 SF
PROPOSED PAVED DRIVEWAY AREA = 360 SF
TOTAL IMPERVIOUS AREA = 1348 SF

USING THE RI STORMWATER GUIDANCE FOR INDIVIDUAL SINGLE FAMILY RESIDENTIAL DEVELOPMENT:

ACCORDING TO TABLE 10, FOR A DRAINAGE AREA OF 1348 SF (ROUNDED UP TO 1400 SF) DISCHARGING TO SANDY SOILS, AN INFILTRATION TRENCH BOTTOM AREA OF APPROXIMATELY 135 SF IS REQUIRED.

GIVEN THE BOTTOM AREA OF THE PROPOSED INFILTRATION TRENCH IS 5' x 27"=135 SF, THIS STANDARD IS SATISFIED.

CONSTRUCTION

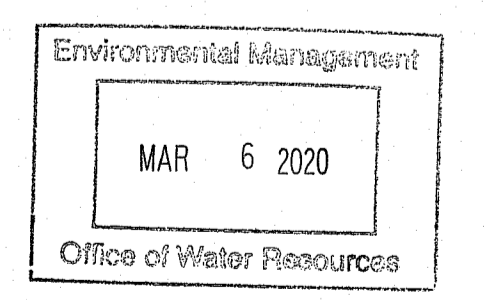
GREAT CARE MUST BE TAKEN TO PREVENT THE INFILTRATION AREA FROM COMPACTION BY MARKING OFF THE LOCATION BEFORE THE START OF CONSTRUCTION AT THE SITE AND CONSTRUCTING THE INFILTRATION PRACTICE LAST.

AN OBSERVATION WELL SHALL BE INSTALLED IN THE DRY WELL CONSISTING OF AN ANCHORED 4 TO 6 INCH DIAMETER PERFORATED PVC PIPE WITH A SCREW TOP LID FLUSH WITH THE GROUND SURFACE.

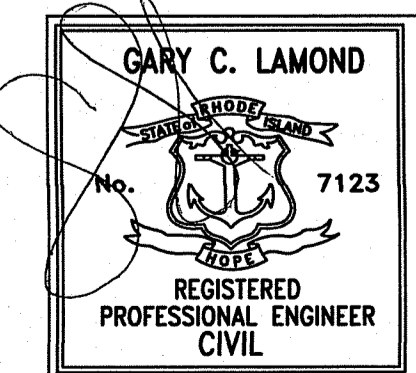
MAINTENANCE

INFILTRATION PRACTICES SHALL BE INSPECTED ANNUALLY AND REPAIRED IF NECESSARY TO ENSURE PROPER DRAINAGE.

ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED FROM THE SURFACE OF THE INFILTRATION PRACTICE ANNUALLY.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **MAR 31 2020** FILE # **20-0051**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman



TITLE: OWTS DESIGN PLAN	PROJ. NO.: 2019045
PROJECT: A.P. 18 LOT 277 1551 DIAMOND HILL ROAD CUMBERLAND, RHODE ISLAND	DATE: 09/23/19
CLIENT: BRIAN MACARI	
GARY C. LAMOND, PE, LLC 194 HATCHERY ROAD NORTH KINGSTOWN, RI 02852	REVISED: 03/04/2020