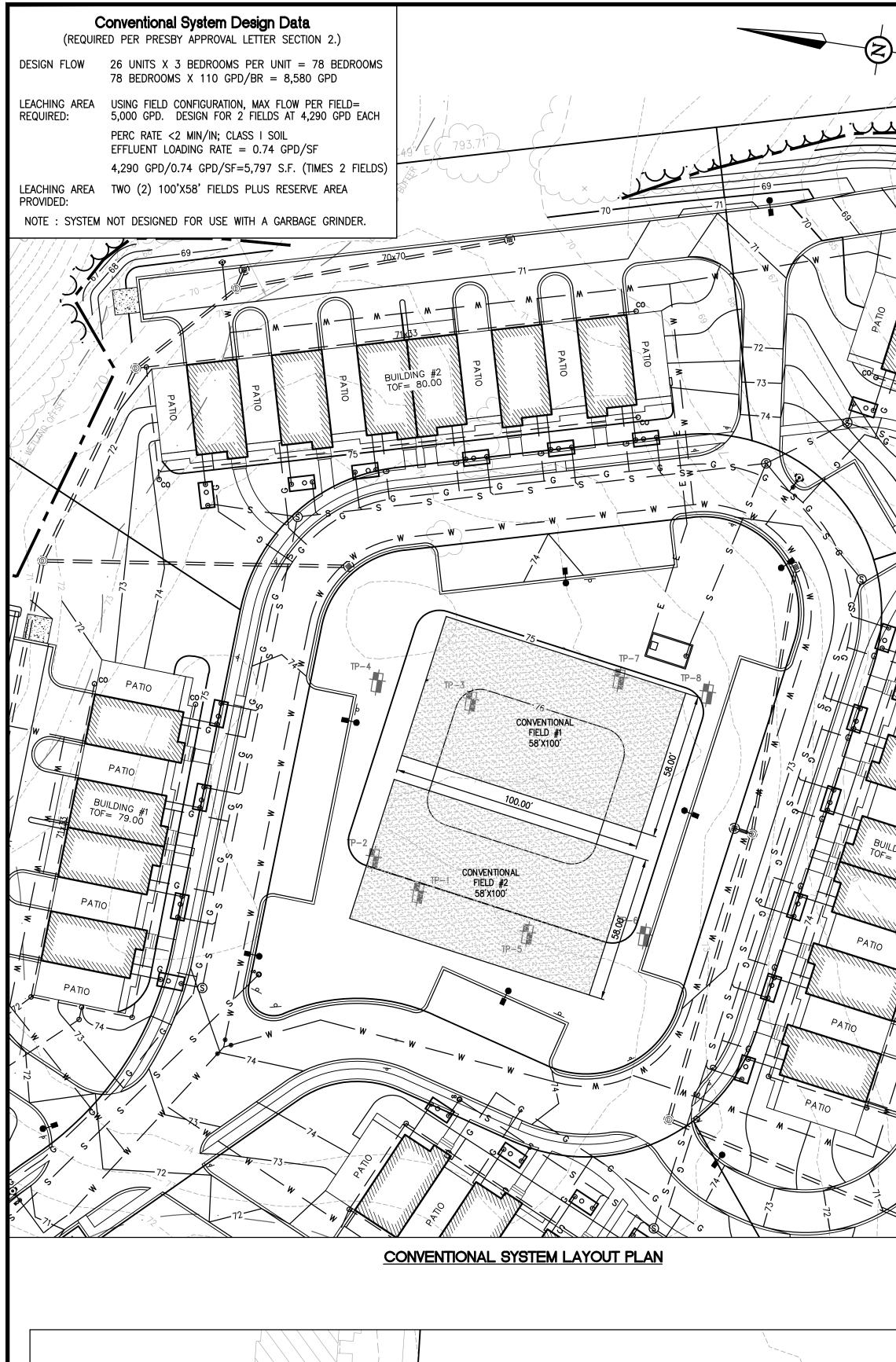


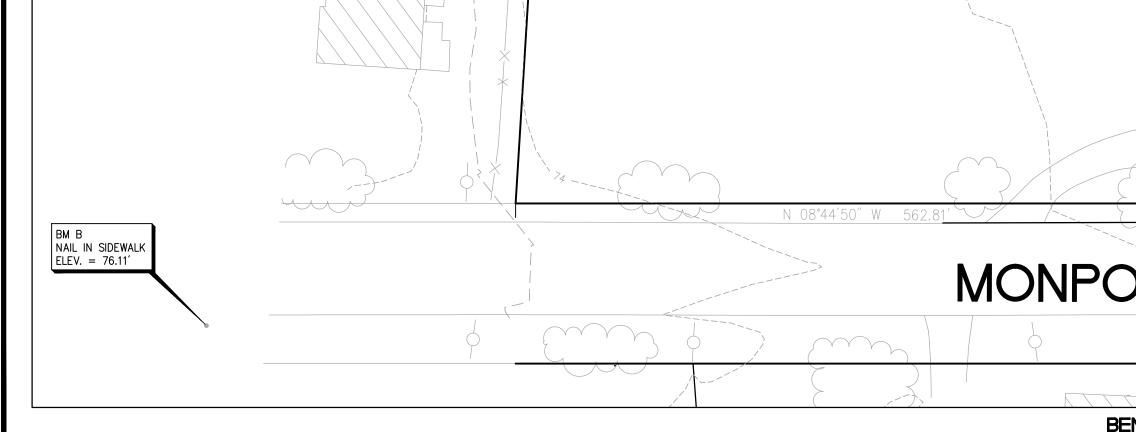
X:\2014\2014-014 Halifax Trails Townhouses\CIVIL\DESIGN\2014-014 GDU.dwg

MOUNT PUMP STATION CONTROLS TO SIDE OF BUILDING #2 Just Maria PROP. 1500 GAL. SEPTIC TANK. INSTALL -ZABEL FILTER ON TANK OUTLET. INSTALL RISERS WITH CAST IRON MANHOLE FRAME AND COVER TO WITHIN 6" OF SURFACE. CENTER INLET AND OUTLET TEES BELOW ACCESS COVERS, TYP. AT EACH UNIT.-REMOTE VENTING LOCATION FOR 6" HIGH VENT (ATTACHE TO LIGHT POLE). DETERMINE LOW AND HIGH VENT ELEVATIONS BASED ON FINAL LOCATIONS (LOW VENT TO BE 3' ABOVE GRADE AND HIGH VENT TO BE = 10' ABOVE LOW VENT). ALL VENTS TO -BE DARK GREY OR PAINTED ALTERNATE COLOR TO BLEND IN. $\begin{array}{c} \text{SMH}-35\\ \text{R}=73.60\\ \text{I}=68.35 \ (\text{IN31})\\ \text{I}=68.35 \ (\text{IN33})\\ \text{I}=67.97 \ (\text{IN34})\\ \text{I}=67.87 \ (\text{OUT}) \end{array}$ M - H- \M -BUILDING #2 TOF= 80.00 – S≩ 0 09 SDR35 S=1% SMH-34 $\begin{array}{c} R = 73.00 \\ I = 68.33 (IN) \\ I = 68.33 (OUT 35) \end{array}$ CONNECT 2-4" VENTS TO D-BOX. JOIN 4" VENTS INTO ONE 6" VENT. VENT INVERTS TO BE 2.5" MIN. ABOVE LATERALS AND HAVE A POSITIVE SLOPE BACK TOWARDS THE 9-BOX. The SLEEVE BOTH WATER AND SEWER PIPES IN A 10" OR 12" SDR-35 PIPE AT R=74.50 I = 72.01 (TANK) I = 70.30 (IN30) I = 70.20 (OUT35) CROSSINGS, TYP. SEWER CLEANOUT, TYP. $\begin{bmatrix} SMH - 33 \\ R = 73.30 \\ I = 69.03 (IN 32) \\ I = 68.93 (OUT 35) \end{bmatrix}$ INV. IN=67.08-/ ào 4" SCH 40 PVC CONNECTIONS FROM D-BOX 11,500 GAL.رر TO ENVIRO-SEPTIC LINES -PUMP STATION 1 1/1 INSPECTION PORT TO BE INSTALLED PER PRESBY MANUAL. PATIO PROVIDE 3 INSPECTION PORTS, TP-4 15' BREAKOUT LINE. 100 Ξ - PROP. 21-OUTLET DISTRIBUTION BOX PATIO - ଟିଥି 88 SO PRESBY ENVIRO-SEPTIC ≥ LIMIT OF PATIO HH Is SYSTEM SAND CONNECT VENT TO TOP HALIFA PORT AND BOTTOM DRAINS TO BOTTOM D. B(PORT OF END CAPS. the man 11 SYSTEM BOTTOM DRAIN 4″ GATE VALVE – 4″ SCH 80 PVC. L- CONNECT 4" VENTS FROM PATIO SMH-30 E-S PIPE TO 6" VENT r = 74.00MANIFOLDS I = 72.27 (IN) I = 72.17 (OUT 31) I = 70.30 (BOTTOM) 188.32 - 6" SCH 80 LOW VENTS EXTEND LOW VENTS TO REMOTE VENTING AREA (ATTACH TO LIGHT POLE) LOW VENTS TO BE 3' ABOVE GRADE. VENTS TO BE DARK GREY OR PAINTED PATIO N ALTERNATE COLOR TO BLEND IN WITH CLEANOUT AT END OF LIGHT POLE. TWO (2) LOW VENTS ARE REQUIRED FOR THIS PROJECT. VENTS TO HALIFAX HOUSI RESERVE SEWER LINE MAP 74 INV=69.67 ₩ BE 6" SCH 80 PVC. D. BOOK 511 PLAN 645 -8" SDR35 GRAVITY PATIO -SEWER CLEANOUT, TYP. VARIANCE REQUEST : 1) IN ACCORDANCE WITH 310 CMR 15.410-15.413, THE FOLLOWING VARIANCE IS REQUESTED FROM 310 CMR 15.221(7), DEPTH OF COMPONENTS TO ALLOW GREATER THAN 36" OF COVER OVER THE PUMP CHAMBER TO A DEPTH OF COVER OF APPROXIMATELY 6.22 FEET. BENCHMARKS : 1 CURRENT BENCHMARKS: BM-A: EL. 71.04 LOCATION: DRILL HOLE IN CORNER BOUND AT SOUTHWEST CORNER OF PROPERTY BM-B: EL. 76.11 LOCATION: MAG NAIL SET IN SIDEWALK IN FRONT OF THE SHELBY PLAZA. W/L ELEV. 65.7

NEW CONSTRUCTION BENCHMARKS WILL BE SET DURING THE DRIVEWAY STAKEOUT AND THE CONTRACTOR WILL BE GIVEN THIS INFORMATION FOR THE DRIVEWAY, FOUNDATION AND SEPTIC SYSTEM CONSTRUCTION.

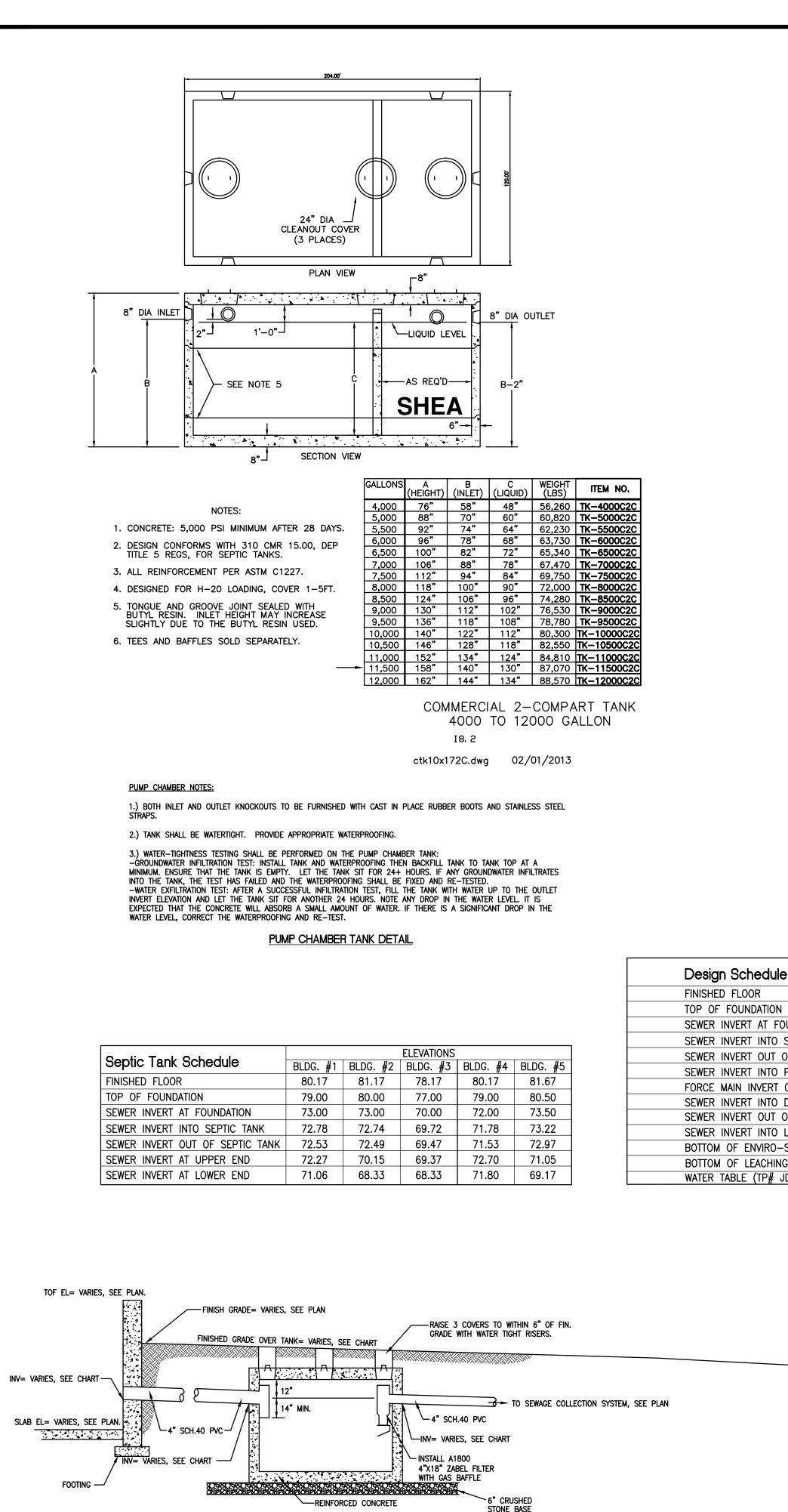
			hing Area						To .	HOLMES ST. M		-		
	DESIGN FLOW		_		EAST LAKE		ATTERPOOD DR.	\backslash						
		DESIGN FLOW 26 UNITS X 3 BEDROOMS PER UNIT = 78 BEDROOMS 78 BEDROOMS X 110 GPD/BEDROOM = 8,580 GPD								2 2 2	LOCUS			
	SEPTIC TANK	AL 1,500 GA CH UNIT ISE MIN 1.5	AL. SEPTIC			PARADISE	l e		ST.					
121112	PERC RATE		= <2 MIN,				_				MONPONSETT			
							— —			\sim				
, ,	PRESBY DESIGN	(E-S) PIPE	PER 100 G	PD OF FLOW	1	O-SEPTIC	_				FAIDU			
~ _		8,580 GAL/	/2 BEDS = 100 GAL = 8	85.8x50 LF	=4,290 LF F		_	$\left \right $		DIAN PATH RD.		US MAP		
l.			es x 80 lf/e Combination				_					SCALE		
#			<u>CH FOR A TO</u> EATS 480 GF			EACH SERIAL 0 GPD.	_		PEF		NG SET			
PATIO							_	No.	DATE	REVISIO	DNS DESCRIPTION	1		
PA	Desi	gn Schedu			FI	EVATION		1	9/16/2014	PER R	EVIEW COMM	IENTS		
1791	FINISH	ED FLOOR			VAR	IES		2	9/29/2014	PER CONE	DITIONS OF A	PPROVAL		
 		OF FOUNDATIO			VAR VAR		_							
		R INVERT INT			VAR 67.									
	SEWER	R INVERT INT	O PUMP CH	AMBER	67.	08								
_	SEWER	MAIN INVER	O DISTRIBUT	ION BOX	74.									
		R INVERT OUT					_							
		M OF ENVIRO			72. ND) 72.		_							
		TABLE (TP#	•		66.				AWN BY:		IPJ/GWD EPJ/GWD			
) Sent	ic Tank Schedu	le	BLDG. #1		ELEVATIONS	-		יין ר	SIGNED B		EPJ/GWD			
FINISH	ED FLOOR		80.17 [″]	BLDG. #2 81.17	78.17	80.17	BLDG. #5 81.67		B NUMBER		2014-014			
· · · · · · · · · · · · · · · · · · ·	F FOUNDATION	ATION	79.00 73.00	80.00 73.00	77.00	79.00 72.00	80.50 73.50		מת					
	NVERT INTO SEPT		72.78 72.53	72.74 72.49	69.72 69.47	71.78	73.22 72.97	-	PK	EPARE	D FOR:			
- SEWER	INVERT AT UPPER	END	72.27	70.15	69.37 68.33	72.70	71.05	Ц Ц		Υ Τ Ρ Λ	ILS CO	INC		
	RAL NOTES :	LIND	71.00	00.00	00.55	/1.00	09.17			1 FOX		, IINC.		
	L SYSTEM COMPONENTS CMR 15.000, AS AMENDE	ED AND IN EFFE	ECT AS OF MAR	CH 31, 1995,	, AND ANY LOC	AL RULES APPL	CABLE.]	MARSH	IFIELD) , MA 02	2050		
N 3. BE	iy change to this plai Inchmark shown on p Lved with the engineei	lan is to be \ R prior to co	Verified by th Instruction.	E CONTRACTOR	R. ANY DISCRE									
5. SC	IIS SYSTEM IS NOT DESIO DIL CONDITIONS CAN VAR IED PRIOR TO INSTALLAT	Y. GROUNDWAT	TER ELEVATION	AND THE LIMIT	IS OF ACCEPTA	BLE SOIL MUST	BE							
6. LC 1-88	CATIONS OF UTILITIES AF 8–344–7233) AT LEAST	RE APPROXIMATE	E. CONTRACTO	RS SHALL NOT	IFY DIG SAFE (LOCATED					A T		
7. AL 8. HE	CLEARLY MARKED. L SYSTEM COMPONENTS AVY EQUIPMENT SHALL I	NOT BE ALLOWE	D TO OPERATE	I). OVER THE LIN	MITS OF THE S	ewage disposai	SYSTEM	SANITARY DISPOSAL SYSTEM DESIGN PLANS						
9. BA	IG THE COURSE OF CON CKFILL OVER SAS MUST E IN LIFTS AND SUFFICIE	BE CLEAN AND	FREE OF STO	NES >6 IN AN EPRESSIONS D	ND TAILINGS, CL DUE TO SETTLIN	AY OR SIMILAR G. MINIMUM 23	MATERIALS. % SLOPE							
REQU 10. D	IRED OVER LEACHING AR ESIGN ENGINEER TO BE N AS-BUILT SURVEY OF	EA IN FINAL GR NOTIFIED AT LE	ADING. AST 48 HOURS	PRIOR TO RE	Equired inspec	CTIONS.					OUT A			
JSI FOR 74 Shall	NSPECTION OF FIELD LO	CATION PRIOR 1	TO BACKFILLING	COVERING TH	E SYSTEM CON	iponents. Ins [.]	TALLER		GRAVI	TY SE	WER PI	LAN		
45 12. T 13. S	ELEASED. HIS PLAN IS THE RESUL UBJECT SITE IS NOT LO	CATED WITHIN A	N AREA OF CR	ITICAL ENVIRON	MENTAL CONCE	ERN (ACEC).) THIS FIRM.		265 M	ONPO	NSETT S	ST.		
15. T 16. T	UBJECT SITE IS NOT LOU HERE ARE NO WELLS WI HERE ARE NO WETLANDS	THIN 200 FEET 5 WITHIN 100 FI	OF THE PROPO EET OF THE PR	osed septic s Roposed sept	system. 10 system.	PLAIN DISTRICT.				IN				
18. C	ONTRACTOR IS RESPONS ONTRACTOR SHALL MECH (IF INSTALLED IN FILL SO	IANICALLY COMP	PACT BASE UND	ER SEPTIC TAI	NKS, PUMP CH	AMBER AND DIS	ribution		HALIFAX (PLYMOUTH COUNTY)					
20. L	ONTRACTOR SHALL REST OCUS REFERENCE: DEED	BOOK 04500,	PAGÉ 0280.						`		USETTS	,		
REGU 22. T	21. OWNER SHALL HAVE TANKS INSPECTED AND/OR CLEANED ANNUALLY. ZABEL FILTERS SHALL BE CLEANED REGULARLY AND AT EACH TIME OF TANK PUMPING. 22. THE SITE IS NOT LOCATED WITHIN A ZONE II OR IWPA TO A PUBLIC WATER SUPPLY. 23. SITE DRAINAGE STRUCTURES ARE LOCATED WITHIN 100' OF THE PROPOSED SEPTIC SYSTEM.										26, 2014			
24. T	ite drainage structur Here are no easement Here are no existing	rs on the sub	BJECT PROPERT	Y.		SYSTEM.		⊢						
	IRED INSPECTIONS (CONT ITTOM OF EXCAVATION:	ГАСТ ВОН)							0	15 30	6	0		
2. TA TANK	1. BOTTOM OF EXCAVATION; 2. TANK, PIPING, AND DISTRIBUTION BOX AND LINES PRIOR TO BACKFILLING (SEE PUMP CHAMBER DETAIL FOR TANK WATER—TIGHTNESS TESTING PROCEDURE);									SCALE: 1	" = 30'			
4. FII	IMP OPERATION NAL COVER AND GRADING	3						-						
1. Wi	ired testing Thin Areas Shown on Ved and replaced with													
MIXTU	BE COMPRISED OF CLE RES AND LAYERS OF DII RIAL LARGER THAN TWO	FFERENT CLASSE	es of soil sh	ALL NOT BE U	JSED. THE FIL	L SHALL NOT C	ONTAIN ANY							
REPR #4 S	ESENTATIVE SAMPLE OF ' IEVE, SIEVE ANALYSES AL	The Fill. Up [*] _So shall be i	TO 45% BY WE PERFORMED ON	ight of the I the fraction	FILL SAMPLE M N OF THE FILL	AY BE RETAINED SAMPLE PASSIN) ON THE NG THE #4							
	, SUCH ANALYSES MUST SIEVE SIZE EFF	ECTIVE PARTICLE	e size % Th			ULLUWING SPEC	FICATIONS:			L	E			
# 4 # 5 #10	0	4.75 M 0.30 M 0.15 M	MM		100% 10% - 100% 0% - 20%					ohe D	riscoll			
<mark>#</mark> 20		0.075 N			0% - 5%					ngine				
1) SI	STEM TO BE INSTALLE						-,		50 0	liver Stree	t, Suite W3			
1.	STATE AND LOCAL REGULATIONS. FOR PRODUCT INFORMATION OR THE NEAREST DEALER CONTACT PRESBY ENVIRONMENTAL, INC. 143 AIRPORT ROAD, WHITEFIELD, NH 03598, PHONE 1-800-473-5298 WWW.PRESBYENVIRONMENTAL.COM. 2) MINIMUM OF 6" OF MEDIUM TO COARSE SAND, WITH LESS THAN 2% PASSING A # 200 SIEVE,									ston, Mass	achusetts of	2356		
R	EQUIRED AROUND CIRC ND INSTALLATION MANU	UMFERENCE O JAL FOR COMP	PF ENVIRO-SEP PLETE SAND AM			one: 508-9 w.JacobsDi	928-4400 riscoll.com							
3) IN 4) D(STALLER ADVISED TO () NOT INSTALL SYSTEM	CONTACT DIG S	D											
	ERIODS OF TIME. D DRAINS, HOT TUBS, YSTEM UNLESS OTHER\		ll be incorp	ORATED INTO 1	THIS									
S	6) MAINTENANCE: RECOMMEND INSPECTION OF SEPTIC TANKS AT LEAST ONCE EVERY TWO YEARS AND CLEAN IF COMBINED THICKNESS OF SLUDGE AND SCUM EQUALS MORE THAN 1/4 OF THE											-		
6) M/ A	ND CLEAN IF COMBINE	nd inspection D thickness	N OF SEPTIC 1											
6) M/ A Ll 7) TH		ND INSPECTION D THICKNESS IE TANK. THE CONSTRU	n of septic 1 of sludge a iction of the	ND SCUM EQ E EFFLUENT E	UALS MORE T DISPOSAL SYST	HAN 1/4 OF T TEM SHOWN.								
6) M/ A Ll 7) TH A TI 8) IN	ND CLEAN IF COMBINE QUID DEPTH INSIDE TH IIS DOCUMENT IS FOR NYONE USING INFORMA HEIR OWN RISK. STALLER TO PROVIDE I	ND INSPECTION D THICKNESS IE TANK. THE CONSTRU TION FROM TH BILL OF LADING	N OF SEPTIC T OF SLUDGE A ICTION OF THE HIS DOCUMENT G AND SIEVE	ND SCUM EQ E EFFLUENT E FOR ANY 01	UALS MORE T DISPOSAL SYST THER PURPOSI	HAN 1/4 OF T TEM SHOWN. E DOES SO AT								
6) M/ A Ll 7) Tł A TI 8) IN	ND CLEAN IF COMBINE QUID DEPTH INSIDE TH IIS DOCUMENT IS FOR NYONE USING INFORMA HEIR OWN RISK.	ND INSPECTION D THICKNESS IE TANK. THE CONSTRU TION FROM TH BILL OF LADING LIFAX BOARD	N OF SEPTIC 1 OF SLUDGE A ICTION OF THE IIS DOCUMENT G AND SIEVE OF HEALTH.	ND SCUM EQ E EFFLUENT E FOR ANY 01	UALS MORE T DISPOSAL SYST THER PURPOSI	HAN 1/4 OF T TEM SHOWN. E DOES SO AT			HEE ⁻	T 1		4		



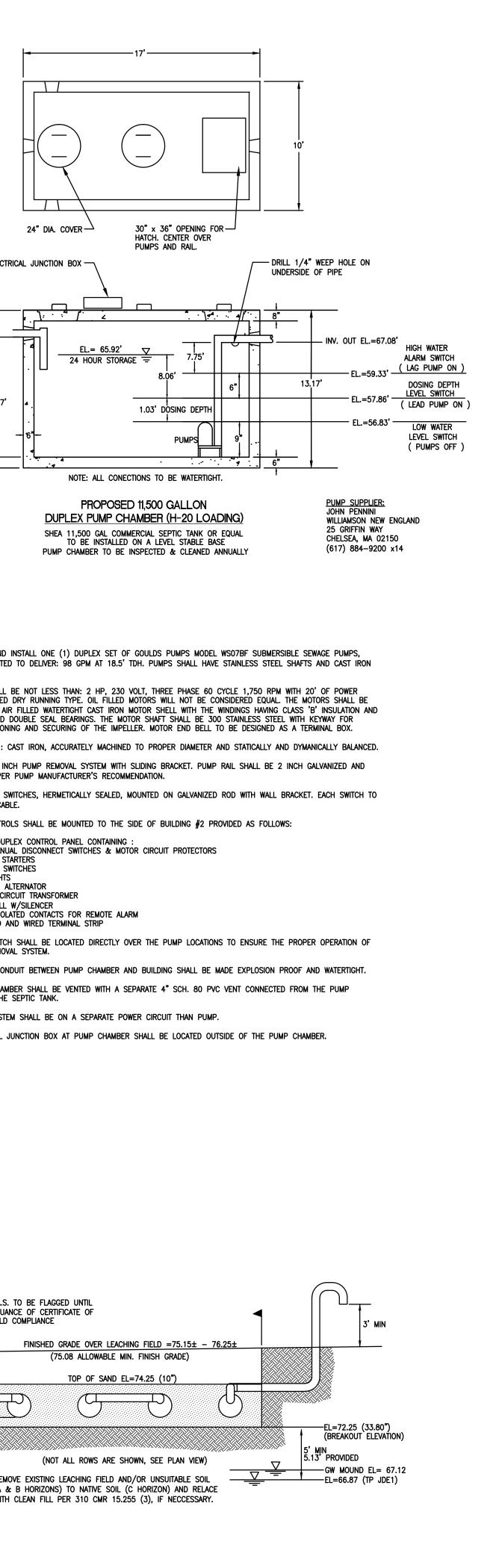


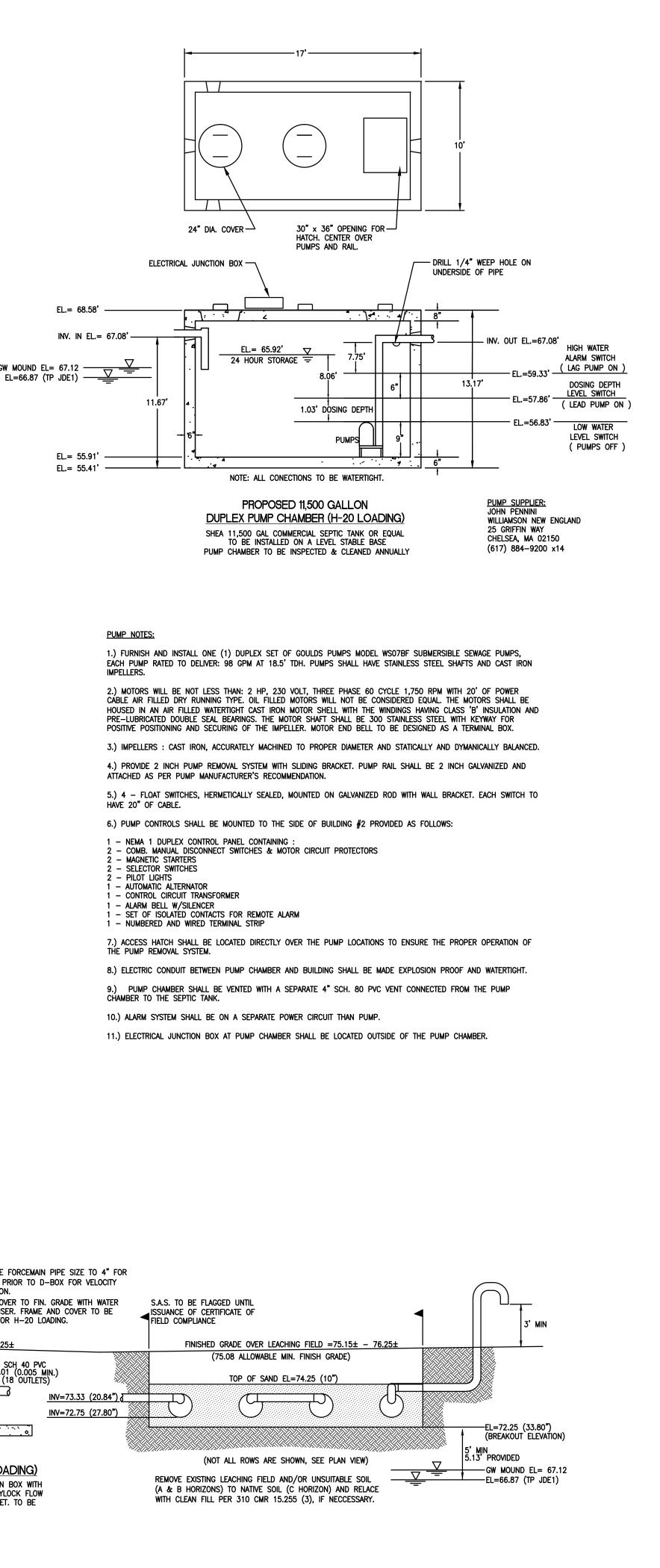
1	OBSERVA																			344555
					OBSERVED ATER														EAST LAKE	ti the the op
	TEST PIT # 1	1 GRD.) <u>LL, JR., P.E.</u> *	TEST PIT # \$	5 GRD	• EL. <u>74.</u> 2	<u>20</u> TE	ST BY: <u>G.W.</u>	DRISCOLL, JR., P.E.*	test pit # 9	9 GRD.	EL. <u>72.</u> 7	7 <u>0</u>	ST BY: <u>G.W. D</u> R	RISCOLL, JR., P.E.*	3	Locus
uni,	DATE: <u>7/18/2</u>		LING. EL	<u>66.87</u> CE	RTIFIED BY: <u>G.W. DR</u>	ISCOLL, JR., P.E.			TLING. EL	<u>66.58</u> CE	RTIFIED BY:	<u>C. DRINAN</u> G.W. DRISCOLL, JR., P.E.			LING. EL	<u>67.03</u> CE	rtified by: <u>G.</u> V	V. DRISCOLL, JR., P.E.	PARDISE	2
	SURFACE DEPTH (IN.)	SOIL HOR7	SOIL TEXTURE		OIL EVALUATOR NUM	IBER SE2816 OTHER	SURFACE DEPTH (IN.)	SOIL HORZ		*APPROVED S SOIL COLOR	OIL EVALUATO	OR NUMBER SE2816	SURFACE DEPTH (IN.)	SOIL HORZ	SOIL TEXTURE		DIL EVALUATOR SOIL MOTTLING	NUMBER SE2816 OTHER		MONPONSET
	0-12"	A	SANDY LOAM	10YR 3/3			0-11"	A	SANDY LOAM	10YR 3/3			0-10"	A	SANDY LOAM	10YR 3/3			CAN ST.	· کر
	12-28"		LOAMY SAND	10YR 4/6			11-27"	В	LOAMY SAND	10YR 4/6			10-23"	B	LOAMY SAND	10YR 5/6				AN PATH RD.
W COLUMN	28-84" 84-120"	C ₁ C ₂	COURSE SAND FINE SAND	2.5Y 5/4 2.5Y 6/3			27–78" 78–120"	с ₁ с ₂	COURSE SAND FINE SAND	2.5Y 5/4 2.5Y 6/3			23-70" 70-120"	C ₁ C ₂	COURSE SAND FINE SAND	2.5Y 5/8 2.5Y 5/3			IP *	LOCUS MAP NO SCALE
		2	SAND					2	SAND					2	JAND				PER	MITTING SET
	WATER OBSER	RVED @	NONE	PEI PEI	RC DEPTH <u>30</u> RC RATE <u><2</u>	INCHES MIN/INCH	WATER OBSEI	RVED @ _	NONE	PEF	RC DEPTH RC RATE	INCHES MIN/INCH	WATER OBSE	RVED @	NONE	PER PER	C DEPTH <u>2</u> C RATE <u></u>	3 INCHES 2 MIN/INCH	No. DATE	REVISIONS DESCRIPTION
BUILDING TOF= 77.			с і 745	0 тс	CT DV. G.W. DRISCI)II.IR.PF*			EI 74	50 TE	CT DV. GW	DRISCOLL, JR., P.E.*			EI 73 (20 τες	T DV. GW DR		19/16/201429/29/2014	PER REVIEW COMMENTS PER CONDITIONS OF APPROVAL
		GW. I	EL. <u>66.3</u>	<u>3</u> Wi	TNESSED BY: <u>C. [</u>	RINAN		GW.	EL. <u>65.</u>	77	INESSED BY:	C. DRINAN G.W. DRISCOLL, JR., P.E.		GW.	EL. <u>67.</u>	5 <u>3</u> WIT	NESSED BY:	C. DRINAN		
Se Poro			*	APPROVED S	OIL EVALUATOR NUM	IBER SE2816	SURFACE DEPTH (IN.)		:	*APPROVED S	OIL EVALUATO	R NUMBER SE2816			:	APPROVED S		NUMBER SE2816		
3 6 12 5 5 5 5 5 5	DEPTH (IN.) 0-10"	HORZ.	TEXTURE SANDY LOAM	COLOR 10YR 3/3			DEPTH (IN.) 0-10"	HORZ. A	TEXTURE SANDY LOAM	COLOR 10YR 3/3			DEPTH (IN.) 0-12"		TEXTURE SANDY LOAM	COLOR 10YR 3/3				
13	10-27"	В	LOAMY SAND	10YR 4/6			10-31"	В	LOAMY SAND	10YR 4/6	NONE		12–28"	В	loamy Sand	10YR 4/6	NONE			
	27-80"	C ₁	COURSE SAND FINF	2.5Y 5/4		VARIEGATIONS	31-89"	с ₁	COURSE SAND FINF	2.5Y 5/4		VARIEGATIONS	28-60"	с ₁	COURSE SAND	2.5Y 5/4				
	80-120"	^C 2	FINE Sand	2.5Y 6/3	86"		89–120"	с ₂	FINE Sand	2.5Y 6/3	94		60-120"	с ₂	FINE Sand	2.5Y 6/3	68"		DRAWN BY:	MPJ/GWD
	WATER OBSER	RVFD @	NONE	PE	 RC_DEPTH RC_RATE	INCHES MIN/INCH	WATER OBSEI		NONE	l PEf PFf	 RC_DEPTH RC_RATE	32 INCHES	WATER OBSE	RVED @	NONE	 PER PFR		<u>HORIZ.</u>) INCHES	CHECKED BY	
Απο										' ' ',							5 WIL		JOB NUMBER	
	test pit # 3				st by: <u>c.w. drisco</u> Tnessed by: <u>c. [</u>							DRISCOLL, JR., P.E.* C. DRINAN					ST BY: <u>G.W. DR</u> NESSED BY:		PRE	EPARED FOR:
	DATE: <u>7/18/2</u>		LING. EL	<u>NONE</u> CE		ISCOLL, JR., P.E.			TLING. EL.€	<u>6.58 JDE-</u> 5 CE	RTIFIED BY:	<u>G.W. DRISCOLL, JR., P.E</u> . DR NUMBER SE2816			LING. EL	<u>66.43</u> CE	rtified by: <u>G.</u> V			
PATIO	SURFACE DEPTH (IN.)	SOIL HORZ.	SOIL TEXTURE		SOIL MOTTLING	OTHER	SURFACE DEPTH (IN.)	SOIL HORZ.	SOIL TEXTURE		SOIL MOTTLING	OTHER	SURFACE DEPTH (IN.)	SOIL HORZ.	SOIL TEXTURE		SOIL MOTTLING	OTHER		X TRAILS CO., INC. 1 FOX RUN
	0-13" 13-30"	A	SANDY LOAM LOAMY SAND	10YR 3/3 10YR 4/6			0-11" 11-27"	A	SANDY LOAM LOAMY SAND	10YR 3/3 10YR 4/6			0-15" 15-33"	A	SANDY LOAM LOAMY SAND	10YR 3/3 10YR 4/6				FIELD, MA 02050
ΡΑΠΟ	30-120"	C ₁	SAND COURSE SAND	2.5Y 5/4		VARIEGATIONS	27-90"	с ₁	SAND COURSE SAND	2.5Y 5/4		VARIEGATIONS	33-60"	с ₁	SAND MED SAND	10YR 4/6				
BUILDING $\#4$ $F = 79.00$ $\Xi = 8$							90-120"	C ₂	FINE SAND	2.5Y 6/3	NONE		60-80"	C ₂	MED. SAND	2.5Y 5/4	NONE			
9.00 ₹				PF	RC DEPTH	INCHES				PF	RC DEPTH	14 INCHES	80-120"	Сз	FINE LOAMY SAND		80" C DEPTH			ARY DISPOSAL
	WATER OBSER	RVED @	NONE	PEI	RC RATE	MIN/INCH	WATER OBSEI	RVED @ _	NONE	PEF	RC RATE	<2 MIN/INCH	WATER OBSE	RVED @	NONE		C RATE	MIN/INCH	SYSTEN	1 DESIGN PLANS
	TEST PIT # 4						TEST PIT # 8					DRISCOLL, JR., P.E.*	test pit #							TIONAL LAYOUT
	DATE: <u>7/18/2</u>		LING. EL	<u>NONE</u> CE		ISCOLL, JR., P.E.	DATE: <u>7/18/</u>		TLING. EL.€	<u>5.77 JDE-</u> 6 CE	RTIFIED BY:	C. DRINAN G.W. DRISCOLL, JR., P.E.	DATE: <u>7/18/</u>		LING. EL	<u>66.00</u> CE		N. DRISCOLL, JR., P.E.		O SOIL LOGS
Ŧ	SURFACE DEPTH (IN.)	SOIL HORZ.		APPROVED S SOIL COLOR	OIL EVALUATOR NUM	OTHER	SURFACE DEPTH (IN.)	SOIL HORZ.	SOIL		SOIL EVALUATO	OR NUMBER SE2816	SURFACE DEPTH (IN.)	SOIL HORZ.	SOIL TEXTURE		SOIL EVALUATOR SOIL MOTTLING	NUMBER SE2816 OTHER	265 MO	DNPONSETT ST. IN
	0-11"	A	SANDY LOAM	10YR 3/3			0-11"	A	SANDY LOAM	10YR 3/3			0-12"	A	SANDY LOAM	10YR 3/3				HALIFAX
	11–24" 24–90"	B C ₁	LOAMY SAND COURSE SAND	10YR 4/6		VARIEGATIONS	11-32" 32-86"	B C ₁	LOAMY SAND COURSE SAND	10YR 4/6 2.5Y 5/4		VARIEGATIONS	12-34" 34-61"	B	LOAMY SAND MED. SAND	10YR 4/6			× •	OUTH COUNTY)
	90-120"	C ₂	SAND FINE SAND	2.5Y 6/3			86-120"	C ₂	SAND FINE SAND	2.5Y 6/3			61-120"	°1 C ₂	SAND FINE LOAMY SAND	,				SACHUSETTS GUST 26, 2014
																				15 30 60
06x30	WATER OBSER	RVED @	NONE	PEI PEI	rc depth <u>13</u> rc rate <u><2</u>	INCHES MIN/INCH	WATER OBSEI	RVED @	NONE		RC DEPTH RC RATE	INCHES MIN/INCH	WATER OBSE	RVED @	NONE	PER PER	C DEPTH C RATE	INCHES MIN/INCH		
																			5	SCALE: 1" = 30'
			>										1							
		<u>ප</u>							·	~		H]	
			>				12												Jac	obs Driscoll ngineering
		0		- - -		~					BM A TOP CB/DH FND ELEV. = 71.04'	OF OF								
			TN						<i>\</i>				~	\					North East	iver Street, Suite W3 ton, Massachusetts 02356 one: 508-928-4400
						-XX	XX	X	X	XX	X				<u>enchmarks</u> : Jrrent ben					y.JacobsDriscoll.com
	ور ارام /		। ≥ _ ⊑∩' ₩		~	┲┍┑┍╾╷		_1				<u> </u>		BI	M-A: EL. 71	.04	RNER BOUND AT	SOUTHWEST CORNER		
ONSETT	(PU	JBLIC –		VIUE)	5	TRE					E 5	5)		BI	M-B: EL. 76 CATION: MAG	.11 G NAIL SET IN S	SIDEWALK IN FROM	NT OF THE SHELBY		
<u>{</u>		$\left(\begin{array}{c} \\ \\ \\ \end{array} \right)$		/	{			RESID	ENTIA	L ZONE		· · · · · · · · · · · · · · · · · · ·		PI NI	.aza. Ew constru	CTION BENCHMA	RKS WILL BE SET	f during the		
TTT I				/			COMME	RCIAL	. BUSI	NESS Z	ONE				RIVEWAY STA FORMATION DNSTRUCTION	FOR THE DRIVEN	CONTRACTOR WIL AY, FOUNDATION	L BE GIVEN THIS AND SEPTIC SYSTEM		
BENCHMARK LOCATIONS																			SHEET	C 2 OF 4
																				_ • •

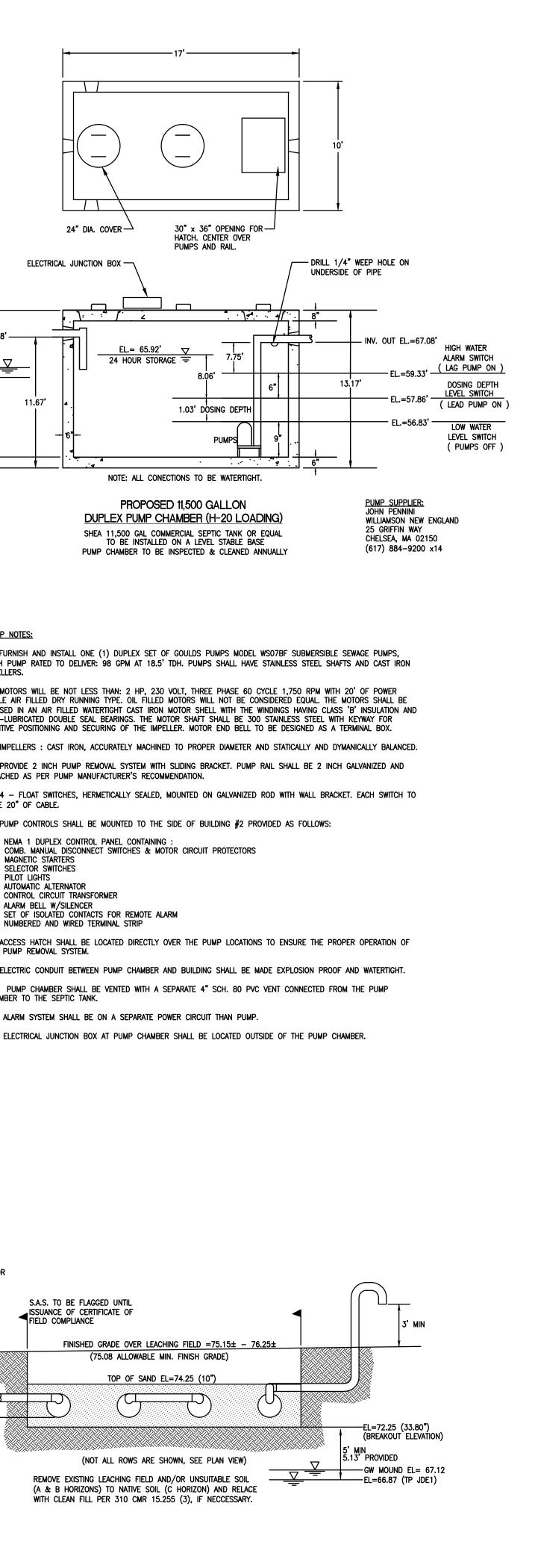
В

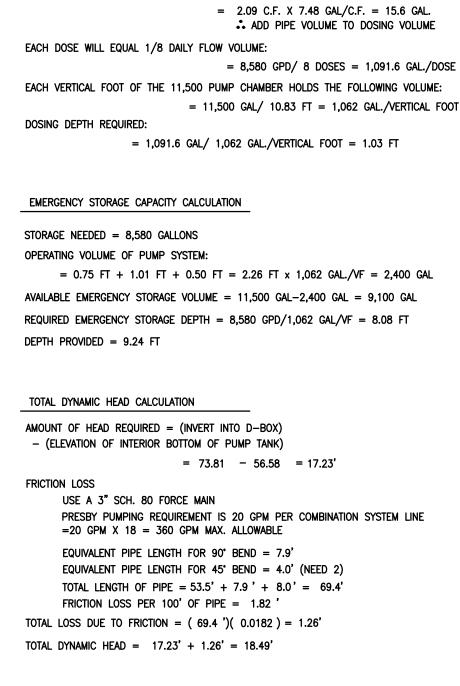


1,500 GALLON SEPTIC TANK SHEA "RESIDENTIAL 1500 GALLON SEPTIC TANK" OR EQUAL TO BE INSTALLED ON A LEVEL STABLE BASE. SEPTIC TANK TO BE INSPECTED & CLEANED ANNUALLY.







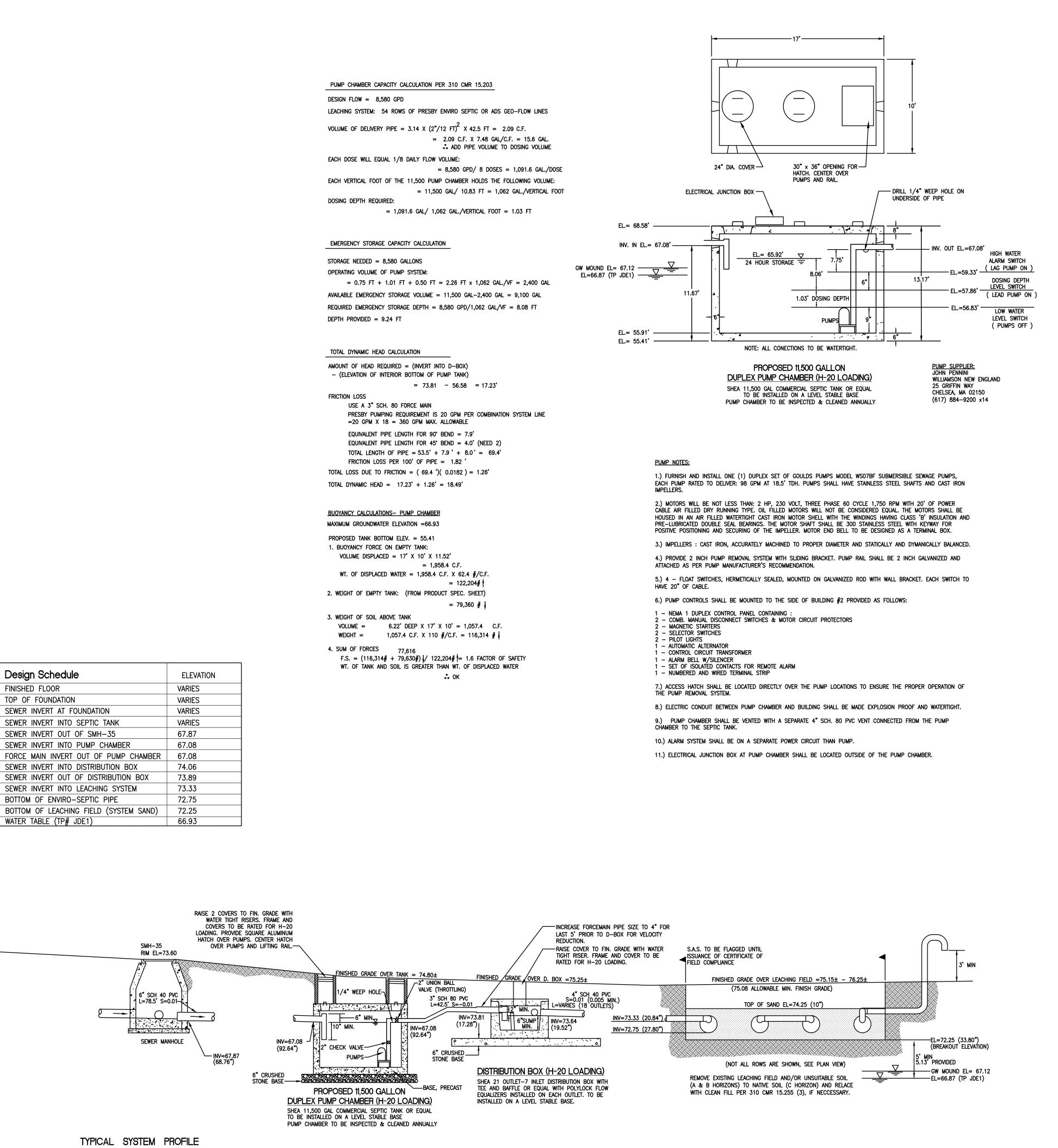


BUOYANCY CALCULATIONS- PUMP CHAMBER MAXIMUM GROUNDWATER ELEVATION =66.93

VOLUME DISPLACED = $17' \times 10' \times 11.52'$ = 1,958.4 C.F.

- = 122,204# 1
- WEIGHT =
- 77 616

ELEVATION VARIES VARIES VARIES VARIES 67.87 67.08 67.08 74.06 73.89 73.33 72.75 72.25



NOT TO SCALE

-									
		10 MES 517							
		ST HARTHROOD DR							
	ADISE								
Ň	A A A A A A A A A A A A A A A A A A A	NONPONSETT ST.							
		MAN							
	AN ST.	`\							
T	$\mathbb{A}^{\mathbb{S}}$	FAIRWAY DR.							
		DIAN PATH RD. LOCUS MAP NO SCALE							
		RMITTING SET							
	PEr								
No.	DATE	DESCRIPTION							
1	9/16/2014	PER REVIEW COMMENTS							
2	9/29/2014	PER CONDITIONS OF APPROVAL							
_									
	AWN BY:	MPJ/GWD /: EPJ/GWD							
-	SIGNED B								
	B NUMBER								
	PR	EPARED FOR:							
•••									
H		X TRAILS CO., INC. 1 FOX RUN							
		I FOX KUN IFIELD, MA 02050							
		$\mathbf{H} \mathbf{H} \mathbf{H} \mathbf{L} \mathbf{L} \mathbf{D}, \mathbf{M} \mathbf{H} \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U} \mathbf{U} U$							
S	EPTIC	CONSTRUCTION							
		ETAILS AND							
	CA	LCULATIONS							
	265 M	ONPONSETT ST.							
HALIFAX									
(PLYMOUTH COUNTY)									
MASSACHUSETTS									
AUGUST 26, 2014									
0 15 30 60									
SCALE: 1" = 30'									
Jacobs Driscoll									
Engineering									
50 Oliver Street, Suite W3									
North Easton, Massachusetts 02356 Phone: 508-928-4400									
	www.JacobsDriscoll.com								
しい	SHEE.	I 3 OF 4 I							

