THIS IS A DESIGN FOR AN ADVANCED ENVIRO–SEPTIC TREATMENT SYSTEM. ADVANCED ENVIRO–SEPTIC TREATMENT SYSTEMS ARE APPROVED BY NHDES AS AN ITA IN ACCORDANCE WITH PART Env–Ws 1024.08(c) AND 1024.10. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH THE ADVANCED ENVIRO–SEPTIC DESIGN AND INSTALLATION MANUAL, NEW HAMPSHIRE EDITION. FOR INFORMATION, CALL 1–800–473–5298.

DESIGN INTENT:

THE PURPOSE OF THIS DESIGN IS TO MAINTAIN 4' ABOVE SEASONAL HIGH WATER TABLE & 6' ABOVE LEDGE OR ANY IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BOTTOM OF THE PIPE AT ELEVATION 79.0 WHICH IS 9" BELOW EXISTING GROUND AT THE HIGHEST POINT. (HP) ORIGINAL GROUND–79.75

Wetlands were delineated on the basis of hydrophytic vegetation, hydric soils and wetland hydrology in accordance with the techniques outlined in the ''Corps of Engineers Wetland Delineation Manual, Technical Report Y–87–1'', January 1987. The hydric soil component was determined by using the ''Field Indicators for Identifying Hydric Soils in New England, Version 3'', NEIWPCC Wetlands Work Group (April 2004).

CONCRETE PRODUCTS SUPPLIER:
A. J. FOSS (603) 755–2515 (OR APPROVED EQUAL)

TEST PIT #1

Date:	7/8/20
Logged by:	STEVEN D. RIKER, CWS
Witnessed by:	DENNIS PLANTE
ESHWT:	37"
Observed H_2O:	NONE
Restrictive layer:	NONE TO 71"
REFUSAL:	NONE TO 71"
Percolation rate:	2 MIN./IN.
Roots:	NONE

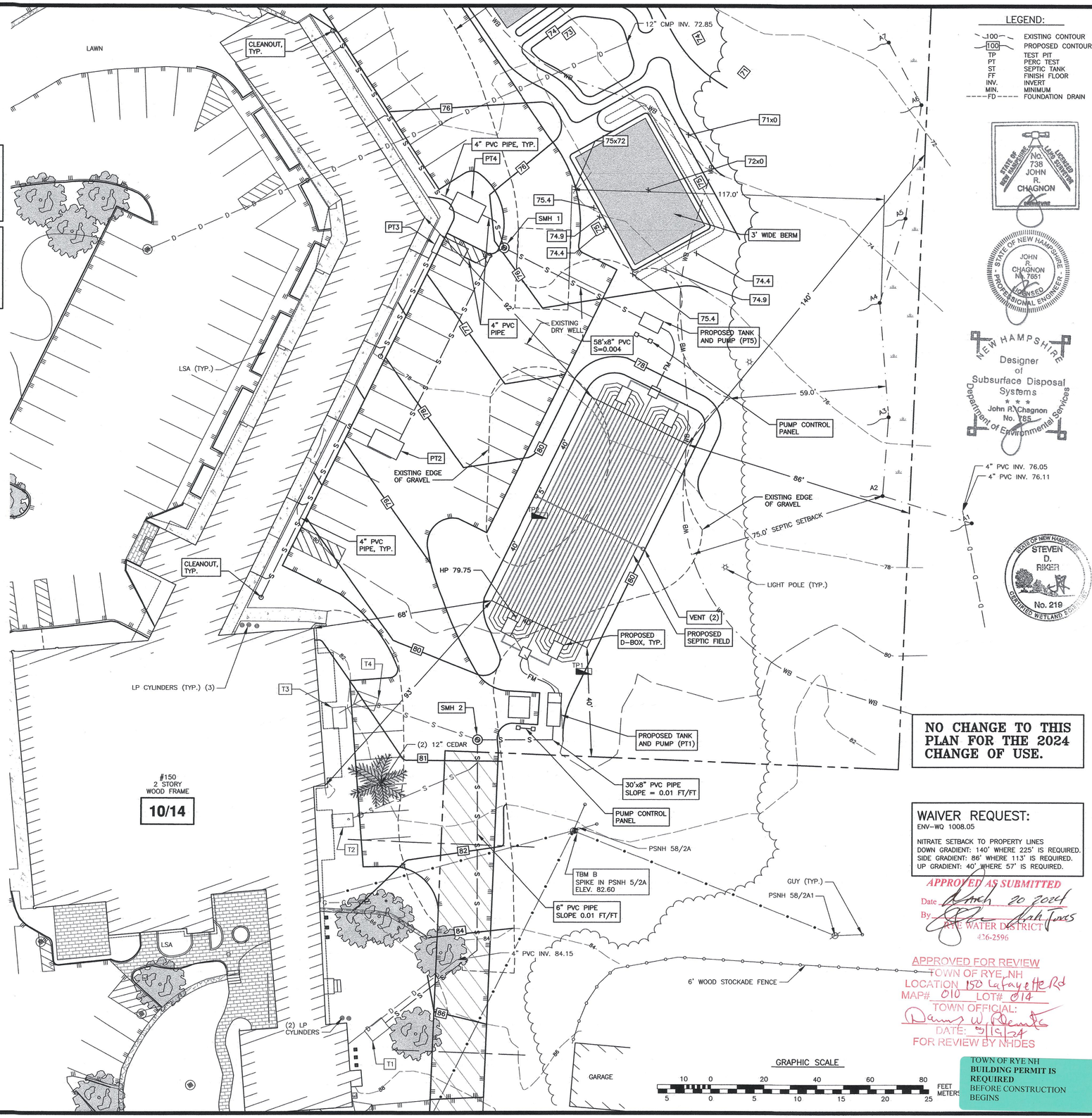
DEPTH	DESCRIPTION
0" – 8"	10 YR 3/3 FINE SANDY LOAM, GRANULAR, FRIABLE
8" – 21"	10 YR 4/3 FINE SANDY LOAM, GRANULAR, FRIABLE
21" – 37"	10 YR 5/6 FINE LOAMY SAND, GRANULAR, SINGLE GRAIN, LOOSE
37" – 51"	10 YR 4/4 GRAVELLY SAND, SINGLE GRAIN, LOOSE
51" – 71"	2.5 YR 5/3 FINE SAND, SINGLE GRAIN, LOOSE

TEST PIT #2

Date:	7/8/20
Logged by:	STEVEN D. RIKER, CWS
Witnessed by:	DENNIS PLANTE
ESHWT:	33"
Observed H_2O:	NONE
Restrictive layer:	NONE TO 68"
REFUSAL:	NONE TO 68"
Percolation rate:	2 MIN./IN.
Roots:	NONE

DEPTH	DESCRIPTION
0" – 8"	2.5 YR 3/2 FINE SANDY LOAM, GRANULAR, FRIABLE
8" – 16"	2.5 YR 5/2 GRAVEL (FILL)
16" – 24"	2.5 YR 4/3 FINE SANDY LOAM, GRANULAR, FRIABLE
24" – 33"	10 YR 4/6 GRAVELLY SAND, SINGLE GRAIN, LOOSE
33" – 45"	2.5 YR 5/4 GRAVELLY SAND, SINGLE GRAIN, LOOSE
45" – 68"	2.5 YR 5/3 GRAVELLY SAND, SINGLE GRAIN, LOOSE

SPACE RESERVED FOR N.H.D.E.S.
AMENDED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Date: 4/30/2024
#eCA2021041608-B



LEGEND:

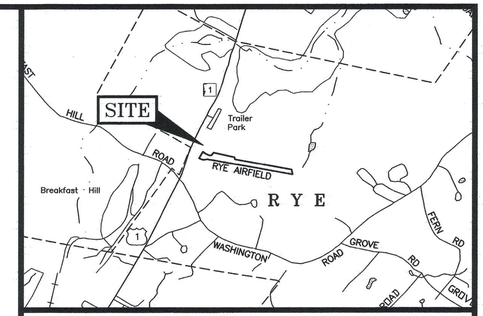
100	EXISTING CONTOUR
100	PROPOSED CONTOUR
TP	TEST PIT
PT	PERC TEST
ST	SEPTIC TANK
FF	FINISH FLOOR
INV.	INVERT
MIN.	MINIMUM
FD	FOUNDATION DRAIN

STATE OF NEW HAMPSHIRE – LICENSED LAND SURVEYOR – No. 738 – JOHN R. CHAGNON

STATE OF NEW HAMPSHIRE – JOHN R. CHAGNON No. 7851 – LICENSED PROFESSIONAL ENGINEER

N.E. HAMPSHIRE – Designer of Subsurface Disposal Systems – John R. Chagnon No. Y85 – Department of Environmental Services

STATE OF NEW HAMPSHIRE – STEVEN D. RIKER – No. 218 – CERTIFIED WETLAND SCIENTIST



LOCATION MAP 1" = 2000'

NOTES:

1) PROPOSED FLOW: METER FLOW OF 4,019 GPD (SEE SHEET 2). FLOWS THAT ARE NOT LISTED IN TABLE 1008.1; UNIT DESIGN FLOWS UTILIZE ENV-WQ 1008.03(h)
2) PROPOSED FIELD SIZE: AT 2 MINUTE PERC
CONVENTIONAL EFFLUENT DISPOSAL AREA: 5,024 S.F.
ADVANCED ENVIRO–SEPTIC REQUIRED LENGTH: 47 LF/100 GPD = 1,889 LF REQUIRED. 25 ROWS X 80 FEET= 2,000 FEET OF ENVIRO–SEPTIC PIPE PROVIDED.
3) THIS PLAN IS PREPARED FOR SEPTIC SYSTEM DESIGN ONLY, IT IS NOT A BOUNDARY SURVEY.
4) FOUNDATION DRAINS: N/A – REPLACEMENT FIELD ONLY
5) FLOOD HAZARD: LOT IS NOT IN A FLOOD HAZARD ZONE AS SHOWN ON FIRM PANEL 33015C0270F, JANUARY 29, 2021.
6) ANY CHANGES TO THE SPECIFICATIONS SHOWN HEREON SHALL BE SUBMITTED TO THE DESIGNER, IN WRITING, FOR APPROVAL PRIOR TO ANY CONSTRUCTION ON SAID CHANGES.
7) IN THE EVENT OF SYSTEM FAILURE: REBUILD IN PLACE.
8) WATER SUPPLY: RYE WATER DISTRICT.
9) FOR SUCCESSFUL OPERATION OF DISPOSAL SYSTEM, MAINTENANCE IS REQUIRED. SEE OPERATING REQUIREMENTS ON SHEET C4.
10) THIS SEPTIC SYSTEM SHALL BE INSTALLED BY OR UNDER THE SUPERVISION OF A NHDES LICENSED INSTALLER. INSTALLER IS RESPONSIBLE FOR PLACING THE LEACH FIELD IN LOCATION SHOWN ON THIS PLAN, USING TIES PROVIDED. ANY DISCREPANCY BETWEEN THESE PLANS AND THE APPARENT FIELD CONDITIONS SHALL BE REPORTED TO THE DESIGNER PRIOR TO CONSTRUCTION. SYSTEM MUST BE INSPECTED AND APPROVED BY NH–DES PRIOR TO BACKFILLING.
11) CONSTRUCTION APPROVAL FOR THIS SYSTEM SHALL EXPIRE 4 YEARS FROM DATE OF ISSUE.

SEWER MANHOLES

#	SIZE	INVERT IN	INVERT OUT
1	4' DIA.	72.50	72.40
2	4' DIA.	77.73	77.63

NO CHANGE TO THIS PLAN FOR THE 2024 CHANGE OF USE.

WAIVER REQUEST:
ENV–WQ 1008.05

NITRATE SETBACK TO PROPERTY LINES
DOWN GRADIENT: 140' WHERE 225' IS REQUIRED.
SIDE GRADIENT: 86' WHERE 113' IS REQUIRED.
UP GRADIENT: 40' WHERE 57' IS REQUIRED.

APPROVED AS SUBMITTED
Date March 20 2024
By Josh Jones
RYE WATER DISTRICT
436-2596

APPROVED FOR REVIEW
TOWN OF RYE, NH
LOCATION 150 Lafayette Rd
MAP# 010 LOT# 014
TOWN OFFICIAL:
Danny W Dennis
DATE: 3/15/24
FOR REVIEW BY NHDES

TOWN OF RYE NH
BUILDING PERMIT IS REQUIRED
BEFORE CONSTRUCTION BEGINS

SOIL TYPE: UDORTHENTS, SMOOTHED (299)

BENCHMARK: TBM SPIKE SET IN PSNH 5/2A ELEVATION 82.60 DATUM: NAVD 88 MEAN SEA LEVEL.

DISTANCE TO NEAREST SOIL RESTRICTION: 75' TO POORLY DRAINED SOIL.

DIRECTIONS TO SITE:

FROM THE PORTSMOUTH TRAFFIC CIRCLE TAKE US 1 BYPASS SOUTH FOR 1.3 MILES. CONTINUE ONTO US 1/LAFAYETTE ROAD SOUTH FOR 3.8 MILES. THE SITE WILL BE ON THE LEFT.

TAX MAP 10 LOT 14
CHANGE OF USE
SUBSURFACE DISPOSAL SYSTEM PLAN
150 LAFAYETTE ROAD, RYE

REGISTRY: ROCKINGHAM
BOOK / PAGE: 6087/1690
NHDES SUBDIVISION APPROVAL NO.: PREDATES REQUIREMENT
PREVIOUS NHDES SYSTEM APPROVAL NO.: CA2021041608–A
NHDES SYSTEM APPROVAL NO.: PENDING

OWNER: RYE PLACE REALTY LLC
P.O. BOX 1627
NORTH HAMPTON, NH 03862

APPLICANT:

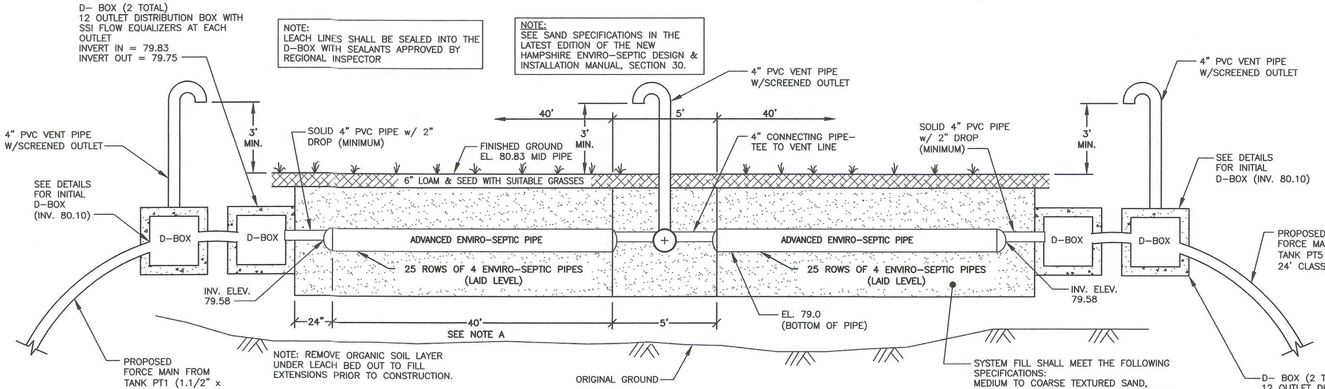
AMBIT ENGINEERING, INC.
Civil Engineers & Land Surveyors
200 Griffin Road – Unit 3
Portsmouth, N.H. 03801–7114
Tel (603) 430–9282
Fax (603) 436–2315

MAR 15 2024
BUILDING DEPT
TOWN OF RYE NH

SHEET 1
SCALE : 1" = 20'
DATE : MARCH 2024

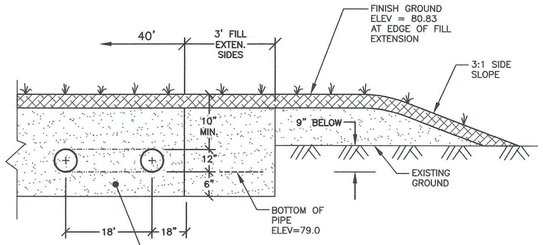
FB 346 PG 23 JOB 3113

P:\NH\5010290-Rye_Place_Realty\3113.01-150 Lafayette Rd., Rye- JRC\2023 Septic\Plans & Specs\Site\3113 Site 2020.dwg, SEPTIC



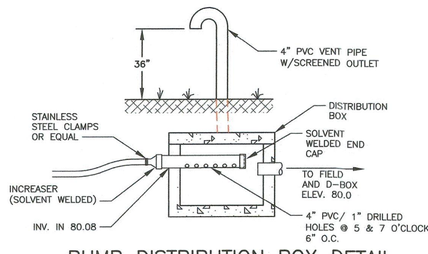
LEACH FIELD PROFILE

NTS



LEACH FIELD SECTION

NTS



PUMP DISTRIBUTION BOX DETAIL

(5 OUTLET) NTS

NOTES;
1) CONCRETE DISTRIBUTION BOX SET ON FIRMLY COMPACTED SOIL & LAID LEVEL.
2) USE CONCRETE PAD FOR STABILITY IF NECESSARY.
3) INSTALL EQUALIZERS ON ALL OUTLETS.

SEE SEPTIC TANK DETAILS ON SHEET D2

NOTE:
T2 RETROFITTED TO A GREASE TRAP WITH THE ADDITION OF BAFFLES.

EXISTING SEPTIC TANK (GREASE TRAP) SCHEDULE

TANK	STATUS	SIZE	INVERT IN	INVERT OUT
T1	TO REMAIN	1,000 GAL.		83.93
T2	TO REMAIN	1,000 GAL.		79.39
T3	TO REMAIN	1,000 GAL.		78.64
T4	TO REMAIN	1,000 GAL.		78.13
PT1	TO REMAIN	1500/500	77.33	77.08
PT2	TO REMAIN	2500	76.32	76.07
PT3	TO REMAIN	2500	74.00	73.75
PT4	TO REMAIN	2500	72.90	72.65
PT5	TO REMAIN	500 (PUMP)	72.16	71.91

HYDRAULIC CALCULATIONS

PUMP STATION A (PT 1)
PROPOSED FLOW: 1,500 GPD ±
FLOW PER DOSE: 1,500/10 = 150 GALLONS/DOSE
REQUIRED STORAGE:
WITH PUMP CHAMBER: 1.00'
HEAD LOSS CALCULATION:
STATIC HEAD + FRICTION HEAD
(80.01 – 73.33) + (0.24 X 4.01) = 7.7'
USE MYERS SSM33 EFFLUENT PUMP
PUMP RUN TIME AT TDH = 150 GAL/30 GPM
TDH = 5.0 MINUTES

PUMP STATION B (PT 5)
PROPOSED FLOW: 2,500 GPD
FLOW PER DOSE: 2,500/6 = 156 GALLONS/DOSE
REQUIRED STORAGE:
WITH PUMP CHAMBER: 0.6'
HEAD LOSS CALCULATION:
STATIC HEAD + FRICTION HEAD
(80.10 – 70.66) + (0.24 X 4.01) = 10.4'
USE MYERS SSM33 EFFLUENT PUMP
PUMP RUN TIME AT TDH = 156 GAL/28 GPM
TDH = 5.6 MINUTES

Rye Place - Change of Use (Revised Uses in Green)

Unit#	Type of Bussiness	Tenant	Sq. Ft.	Design Flow	Regulatory Use	# of Rooms	# of Meals	# of Participants	# of Employees	# of Chairs	GPD/Meal	GPD/Area	GPD/Chair	GPD/Participant	GPD/ Employee	Total GPD
1	Bridal Invitations	Portsmouth Invitation	1209	5 gpd/100s.f. + 10 gpd / employee	Stores/Dry Goods	x	x	x	1	x	x	60	x	x	10	70
2	Retail/Clothing	Bella Intimates	694	5 gpd/100s.f. + 10 gpd / employee	Stores/Dry Goods	x	x	x	2	x	x	35	x	x	10	55
3	Retail/Clothing	Bella Intimates	568	5 gpd/100s.f. + 10 gpd / employee	Stores/Dry Goods	x	x	x	(see unit 2)	x	x	28	x	x	x	28
4	Office	KLG Attorney	1289	10 gpd / employee	Office Use	x	x	x	1	x	x		x	x	10	10
5	Hair Salon	Neveah	536	150 gpd/chair + 20 gpd / employee	Hairdressers	x	x	x	1	x	x	x	x	x	20	170
6	Retail/Clothing	Bella Intimates	785	5 gpd/100s.f. + 10 gpd / employee	Stores/Dry Goods	x	x	x	(see unit 2)	x	x	40	x	x	x	40
7	Medical/Ultrasound	Diagnostic Ultrasound Suite	1234	10 gpd/station + 35 gpd/staff	Dentist	x	x	x	2	1	x	x	10	x	35	80
~~8~~	~~Bar~~	~~Southport Kitchen and Bar~~	~~905~~	~~20 gpd/seat~~	~~Bar-Lounge~~	~~x~~	~~x~~	~~x~~	~~x~~	~~16~~	~~x~~	~~x~~	~~20~~	~~x~~	~~0~~	~~320~~
8	Kitchen	Southport Kitchen and Bar	1234	20 gpd/employee	Restaurant / Bar-Lounge	x	x	x	8		x	x	x	x	20	160
9	Golf Simulator	Southport Kitchen and Bar	1134	5 gpd/Person	Recreational Facilities	x	x	11	x	x	x	x	x	5	x	55
10	Restaurant	Southport Kitchen and Bar	1124	40 gpd/seat	Restaurant - Total Old and New	x	x	x	(Part of Unit 8)	52	x	x	40	x	x	2080
~~12~~	~~Coffee Shop~~	~~Viola & Moss~~	~~675~~	~~20 gpd/seat +20 gpd/employee~~	~~Food Service~~	~~x~~	~~x~~	~~x~~	~~4~~	~~26~~	~~x~~	~~x~~	~~520~~	~~x~~	~~80~~	~~600~~
12	Office	TBD	675	5 gpd/100s.f.	Office Use	x	x	x	x	x	x	34	x	x	x	34
~~14~~	~~Coffee Shop~~	~~Viola & Moss~~	~~579~~	~~20 gpd/seat +20 gpd/employee~~	~~Food Service~~	~~x~~	~~x~~	~~x~~	~~(See unit 12)~~	~~(See unit 12)~~	~~x~~	~~x~~	~~x~~	~~x~~	~~x~~	~~0~~
14	Office	TBD	579	5 gpd/100s.f.	Office Use	x	x	x	x	x	x	29	x	x	x	29
15	Office/Unspecified	Kane Insurance	1393	10 gpd / employee	Office Use	x	x	x	4	x	x	x	x	x	10	40
B-1	Medical	New England Medical Supply	750	10 gpd / employee	Warehouse	x	x	x	1	x	x	x	x	x	10	10
B-2	Retail/Embroidery	Stitch and Stick	1100	5 gpd/100s.f. + 10 gpd / employee	Stores/Dry Goods	x	x	x	1	x	x	55	x	x	10	65
B-3	Pilates Studio	Studio 7 -Pilates etc.	2050	5 gpd/person	Recreational Facility-T.W.O.	x	x	5	1	x	x	x	x	5	5	30
B-4	Cosmetics/Medical	Skin Nectary	1400	250 gpd/doctor	Doctors Offices	x	x	1	x	x	x	x	x	250	x	250
B-5	Catering	Viola & Moss	1325	3 gpd/meal +20 gpd/employee	Food Service-K.W.O.	x	50	x	3	x	3	x	x	x	20	210
Inn	Motels	The Inn at Rye Place		200 gpd/room + 10 gpd/employee	Hotels/Motels	27	x	x	5	x	x	200	x	x	10	5450
	Manager's Apartment				Apartment	2						150				300
Total Design Flow - Original Application																9488
Revised Total Design Flow																9488

Updated Unit square footages. Regulatory use is for calculating design flows. Where a flow is not provided for a particular use a substitute is selected to estimate flows. Revisions are shown with ~~old strikethrough~~ and new in GREEN TEXT.

Water Use Analysis

150 Lafayette Road Rye, N.H. 417.3113.02 2024-03-13

Time Period		Days	Usage (Gallons)	Gallons/Day		Peak Flow (2 X)
12/31/2020	3/31/2021	90	50000	556		1111
3/31/2021	6/30/2021	91	84000	923		1846
6/30/2021	10/1/2021	93	247000	2656		5312
10/1/2021	12/31/2021	91	107000	1176		2352
12/31/2021	3/31/2022	90	51000	567		1133
3/31/2022	6/30/2022	91	174000	1912		3824
6/30/2022	9/30/2022	92	442000	4804		9609
9/30/2022	12/31/2022	92	131000	1424		2848
12/31/2022	3/31/2023	90	61000	678		1356
3/31/2023	6/30/2023	91	187000	2055		4110
6/30/2023	9/30/2023	92	204000	2217		4435
9/30/2023	12/31/2023	92	160000	1739		3478
Peak Flow Average						**3451**

BOOK FLOW FOR TANK SIZING

SPACE RESERVED FOR N.H.D.E.S.

AMENDED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Date: 4/30/2024
#eCA2021041608-B

DESIGN INTENT:
THE PURPOSE OF THIS DESIGN IS TO MAINTAIN 4' ABOVE SEASONAL HIGH WATER TABLE & 6' ABOVE LEDGE OR ANY IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BOTTOM OF THE PIPE AT ELEVATION 79.0 WHICH IS 9" BELOW EXISTING GROUND AT THE HIGHEST POINT. (HP) ORIGINAL GROUND–79.75

MINIMUM DISTANCES:
(UNLESS OTHERWISE GOVERNED BY LOCAL CODE)

SURFACE WATER TO:
TANK 75' – FIELD 75'
PRIVATE WELL TO:
TANK 75' – FIELD 75'
PRESSURE WATER LINE TO:
TANK 10' – FIELD 25'
SUCTION WATER LINE TO:
TANK 50' – FIELD 50'
PROPERTY LINE TO:
TANK 10' – FIELD 10'

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS:

ENV-WS 1023.01 (A) SEPTC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. B) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD. PLAYGROUND EQUIPMENT SUBJECT TO REVIEW AND APPROVAL OF SEPTIC DESIGNER.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS AND CORRECTIVE ACTION SHALL BE TAKEN.

AMBIT ENGINEERING, INC.
Civil Engineers & Land Surveyors
200 Griffin Road – Unit 3
Portsmouth, N.H. 03801-7114
Tel (603) 430-9282
Fax (603) 436-2315

NOTES:

1) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.

2) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.

3) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (NHDES DECEMBER 2008).

4) THE PURPOSE OF THIS PLAN IS TO SHOW THE LEACH FIELD DETAILS.

5) SEPTIC TANK SIZING:
ENV-WQ 1010.02
2,000 GALLONS PLUS 70% OF DAILY FLOW.
COMMERCIAL MALL:
BOOK FLOW 3,450 GPD
REQUIRED TANKS: 4,415 GALLONS
PROVIDED: 5,500 GALLONS
MOTEL:
BOOK FLOW 6,050 GPD
REQUIRED TANKS: 6,235 GALLONS
PROVIDED: 7,500 GALLONS

WAIVER APPROVAL:

ENV-WQ 1012.02 GREASE TRAP DESIGN REQUIREMENTS –TO ALLOW AN INTERNAL GREASE TRAP AMD EXTERNAL 1,000 GALLON RETROFIT SEPTIC TANK TO GREASE INTERCEPTOR.

NO CHANGES TO THE EXISTING APPROVAL REQUIRED FOR THE CHANGE OF USE.

CHANGE OF USE
SEPTIC SYSTEM
THE INN AT RYE PLACE & RYE PLACE
150 LAFAYETTE ROAD
RYE, N.H.

NO.	DESCRIPTION	DATE
0	ISSUED FOR COMMENT	3/13/24

REVISIONS

JOHN R. CHAGNON No. 7651 LICENSED PROFESSIONAL ENGINEER - STATE OF NEW HAMPSHIRE

NEW HAMPSHIRE Designer of Subsurface Disposal Systems John R. Chagnon No. 786 Department of Environmental Services

NOT TO SCALE MARCH 2024

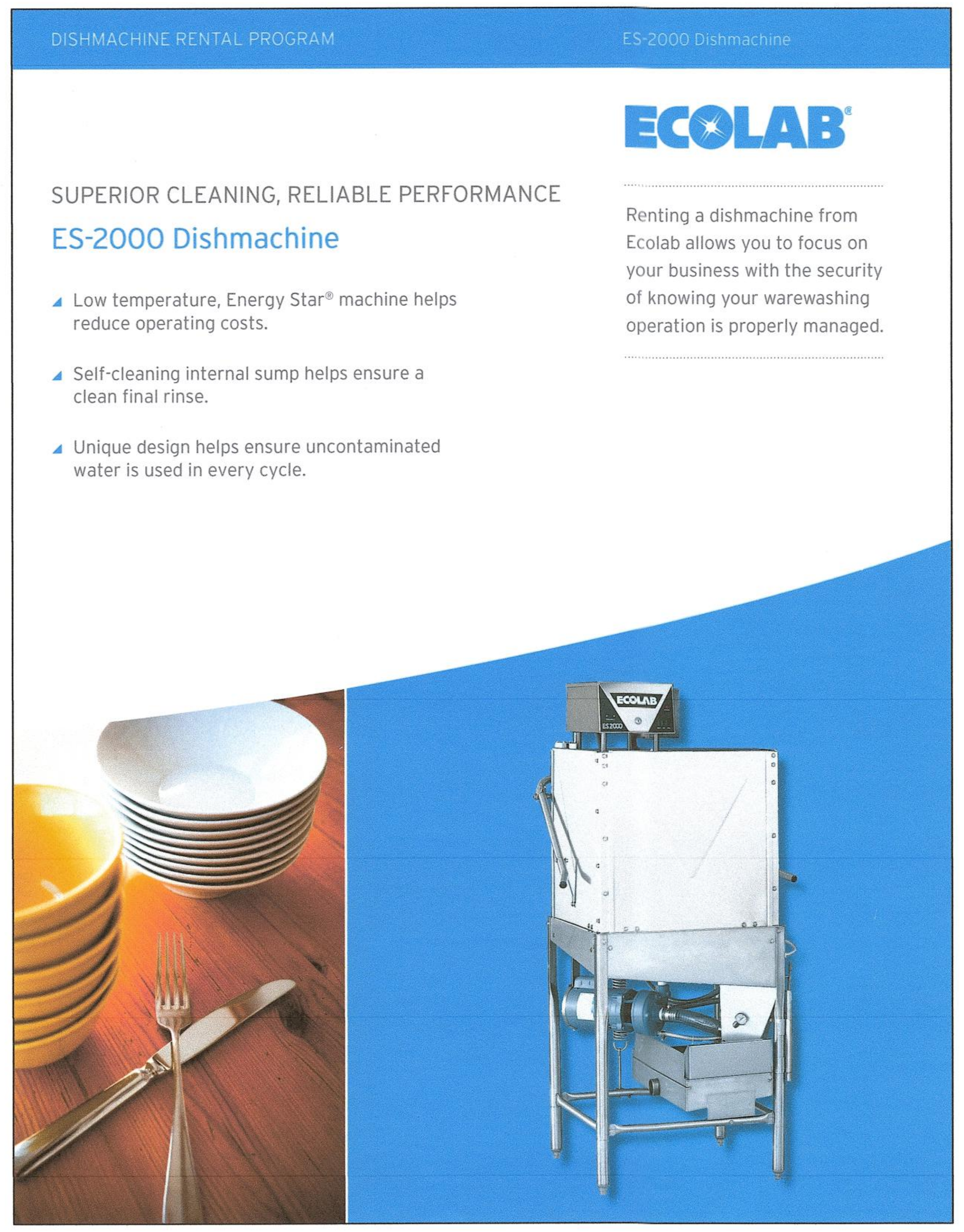
SEPTIC SYSTEM DETAILS
SHEET 2

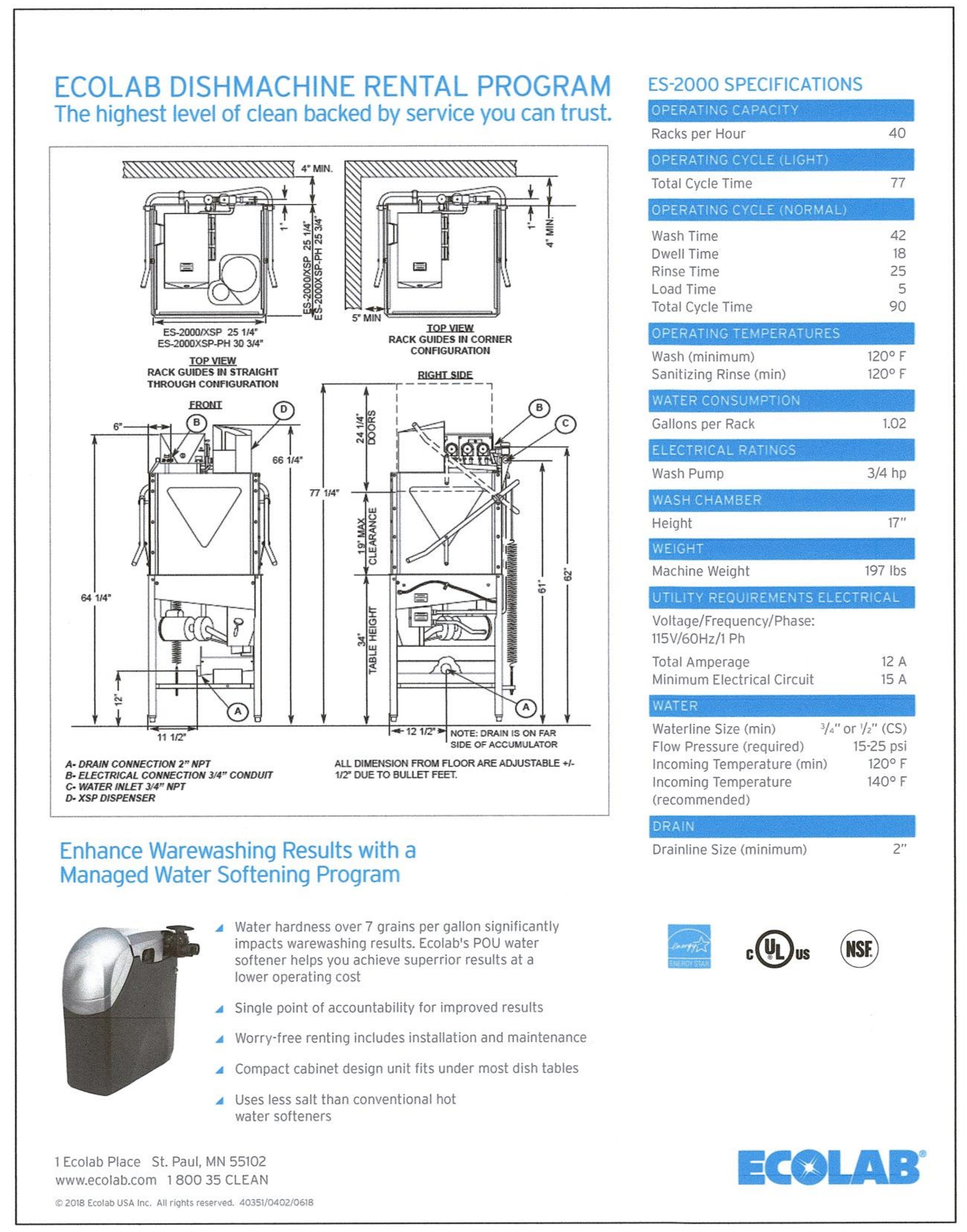
D1

FB 346 PG 23

3113

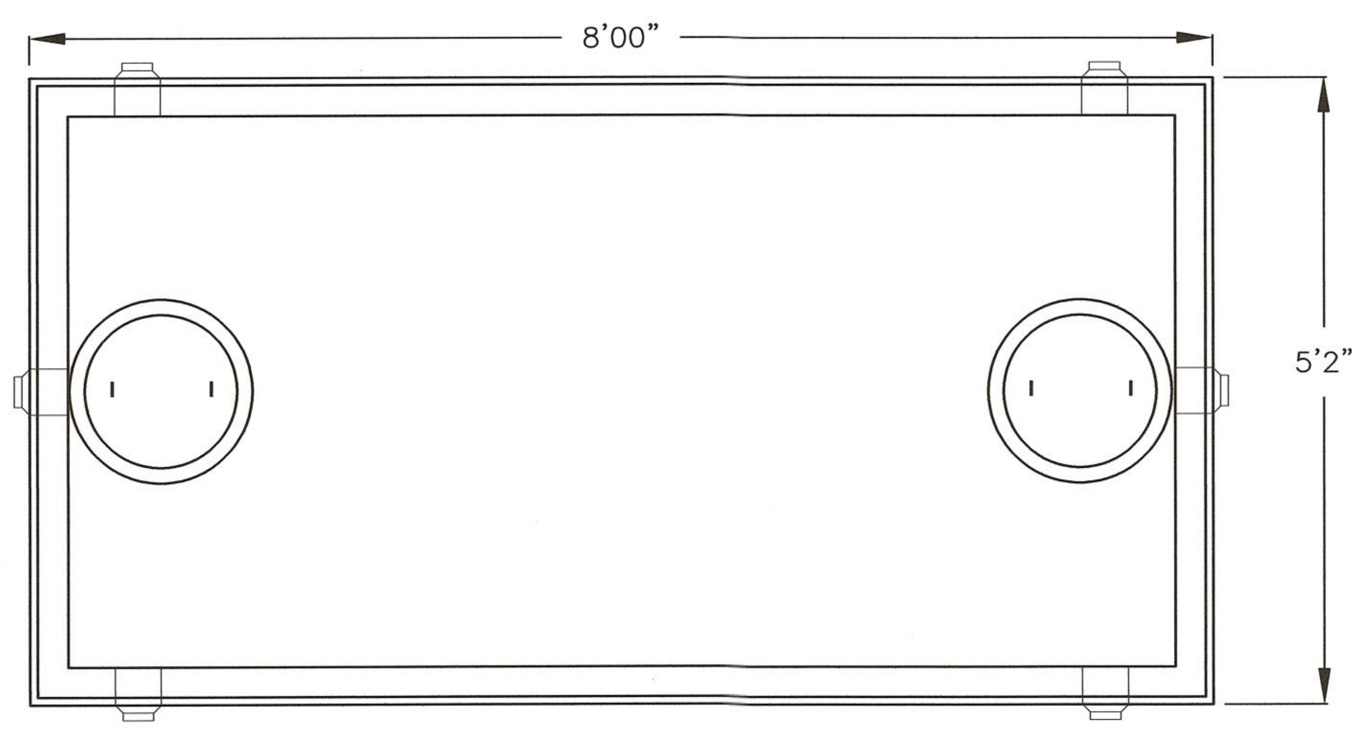
P:\NH\5019417.0_B.L. Enterprises\3113.02-150 Lafayette Rd, Rye-RC\2024 Septic\Plans & Specs\Site\3113 Site 2024-Aug_C4 SEPTIC DETAILS

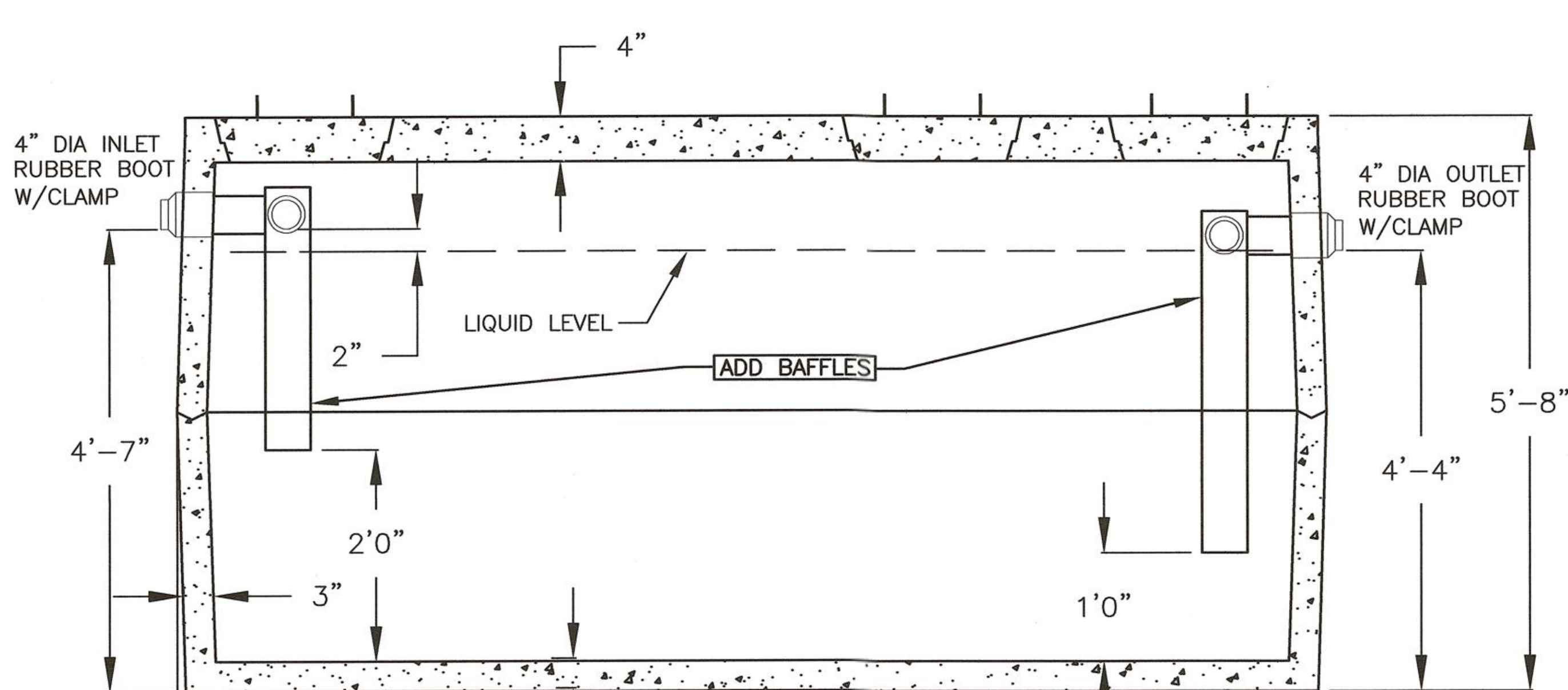

DISHMACHINE RENTAL PROGRAM
ES-2000 Dishmachine
ECOLAB
SUPERIOR CLEANING, RELIABLE PERFORMANCE
ES-2000 Dishmachine
Low temperature, Energy Star® machine helps reduce operating costs.
Self-cleaning internal sump helps ensure a clean final rinse.
Unique design helps ensure uncontaminated water is used in every cycle.
Renting a dishmachine from Ecolab allows you to focus on your business with the security of knowing your warewashing operation is properly managed.



DISHWASHER SPECIFICATION

REQUIRED DISHWASHING UNIT–TO BE INSTALLED IN RESTAURANT





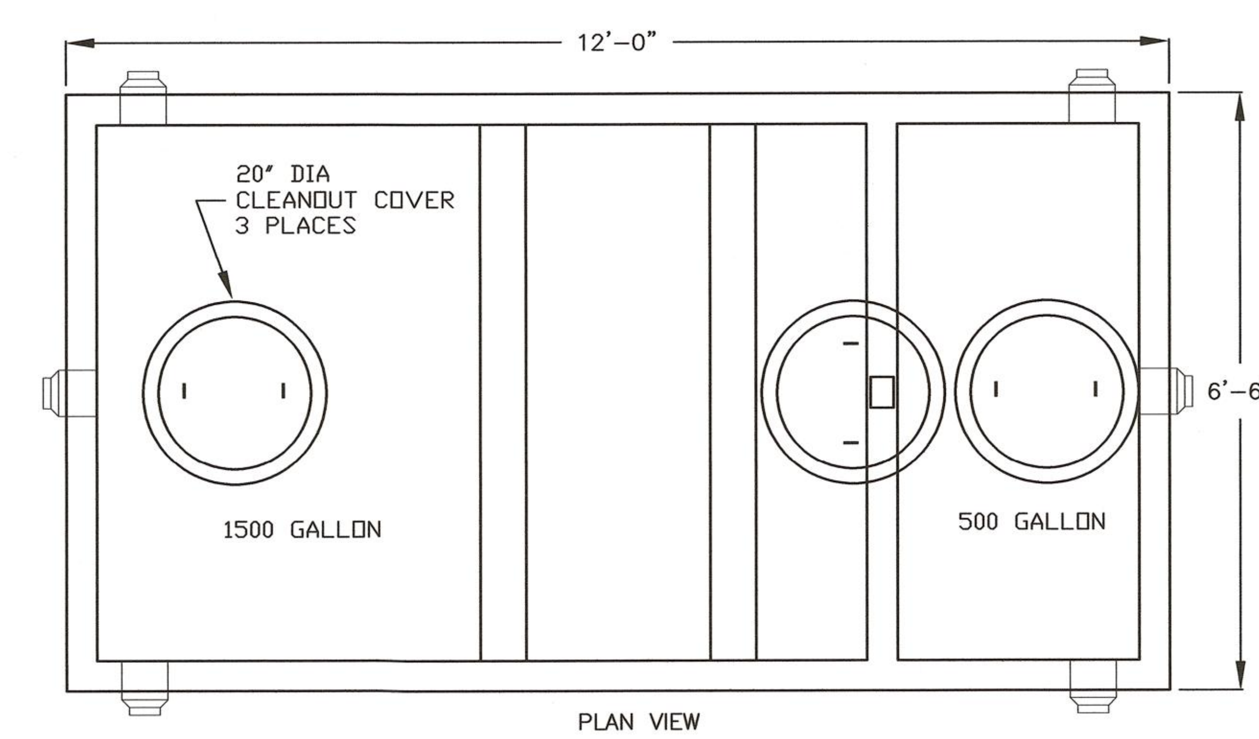
AMENDED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION

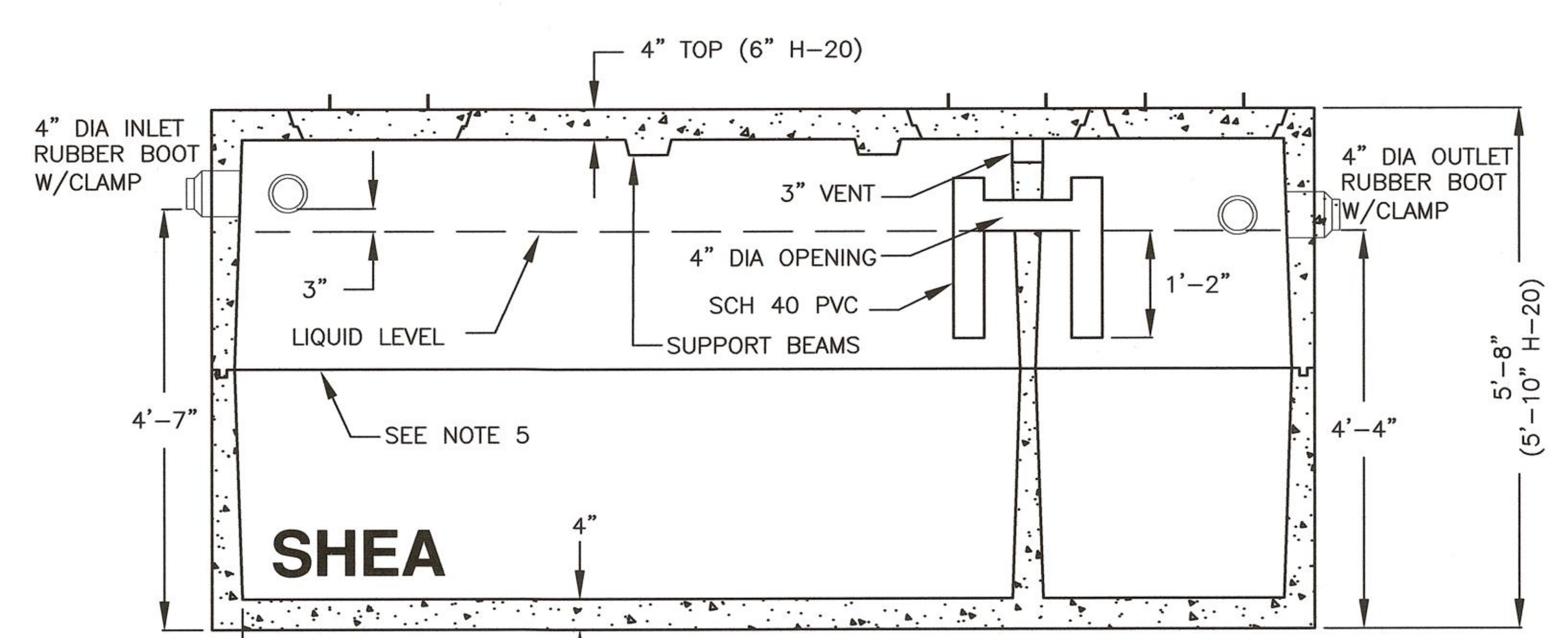
Date: 4/30/2024

#eCA2021041608-B

SEPTIC TANK T-2

CONVERTED SEPTIC TANK TO GREASE INTERCEPTION





NOTES:

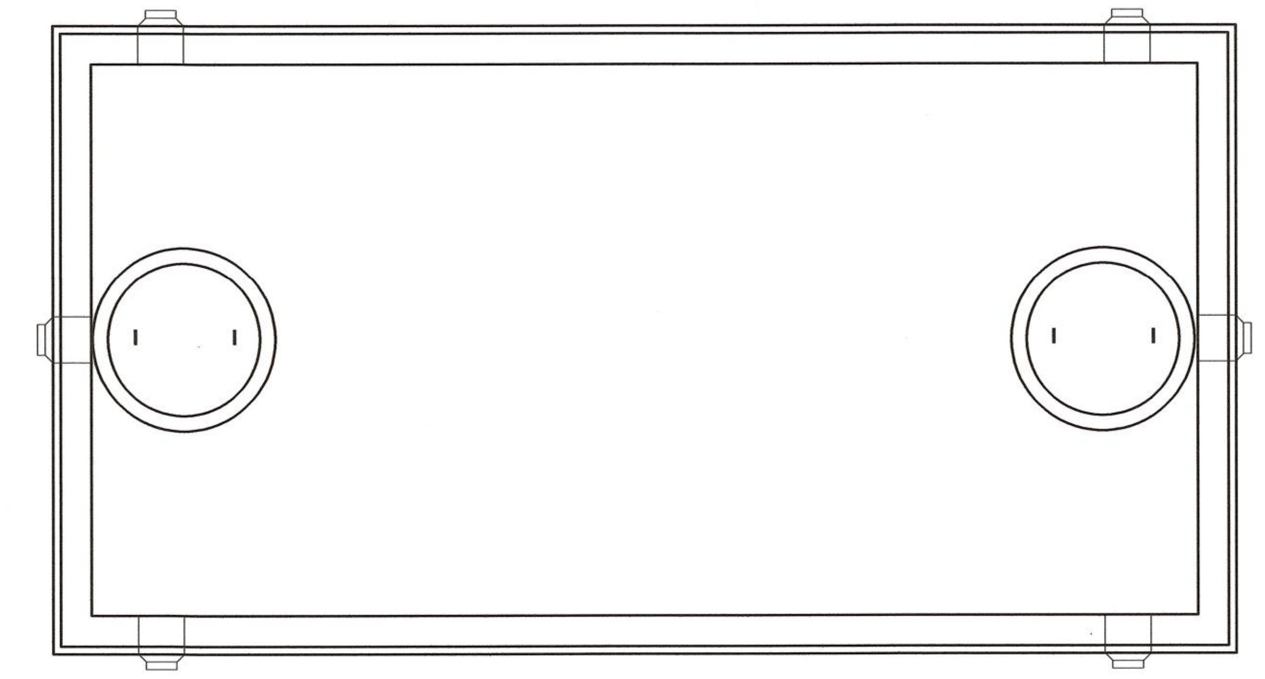
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. CONSTRUCTION OF SEPTIC TANK CONFORMS WITH 310 CMR, SECTION 15.00 DEP TITLE 5 REGS.
3. ALL REINFORCEMENT PER ASTM C1227.
4. TEES AND GAS BAFFLE SOLD SEPARATELY.
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
6. IF COVER EXCEEDS 4 FEET, HEAVY DUTY TANK REQUIRED. ~~ALSO AVAILABLE IN AASHTO HS-20 LOADING.~~

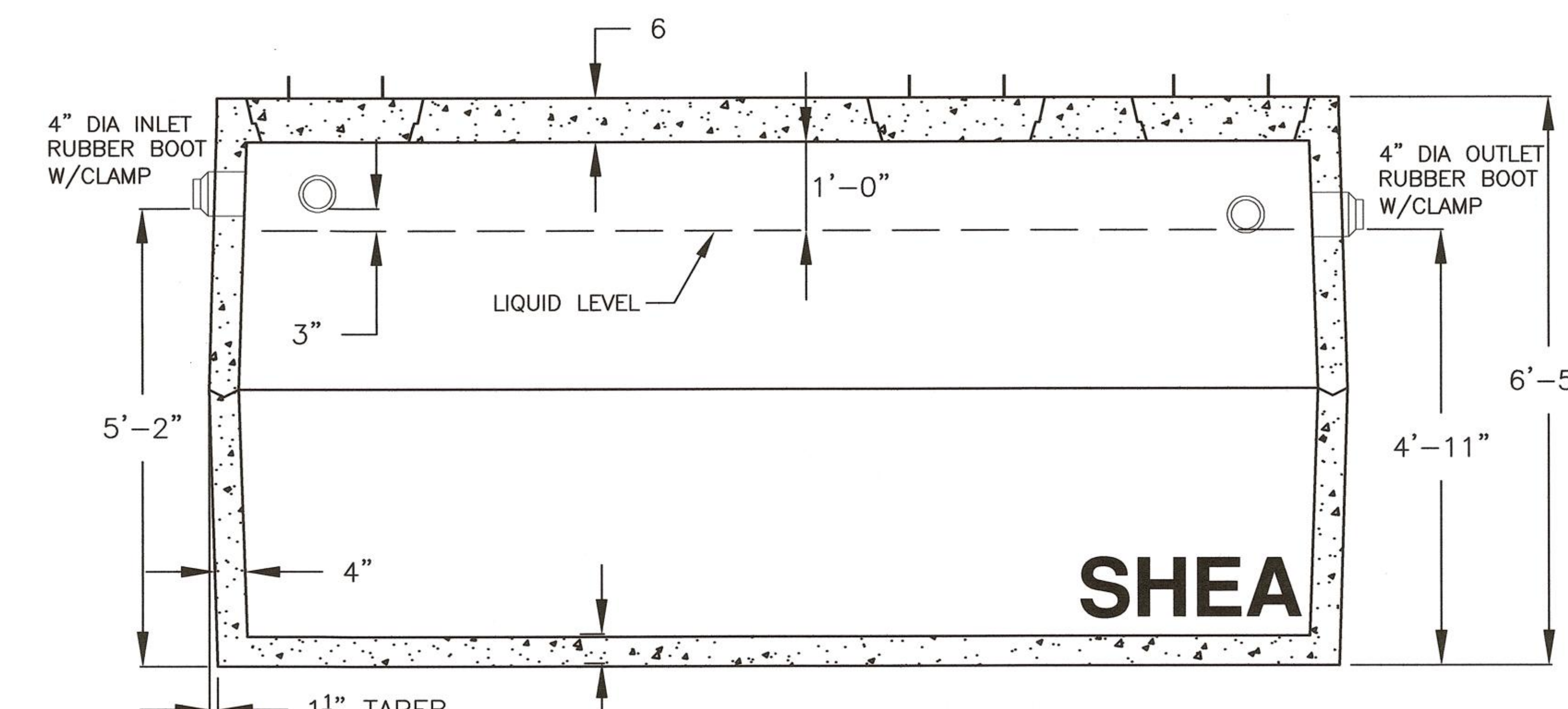
SEPTIC TANK PT 1

2000 GALLON COMBO TANK 1500 TK/500 PC

I / C4 SEPTIC / PUMP TANKS

(OR APPROVED EQUAL) NTS





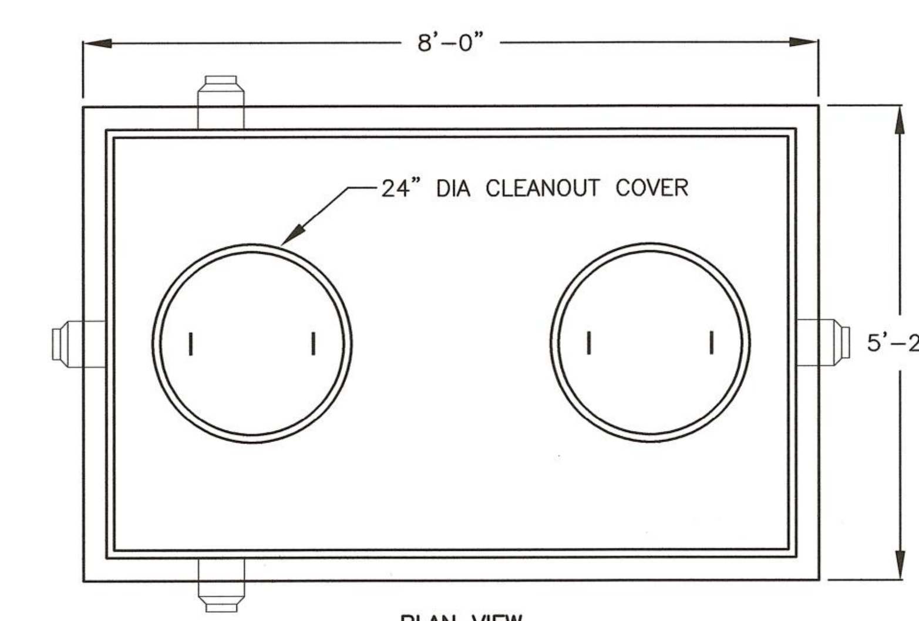
NOTES:

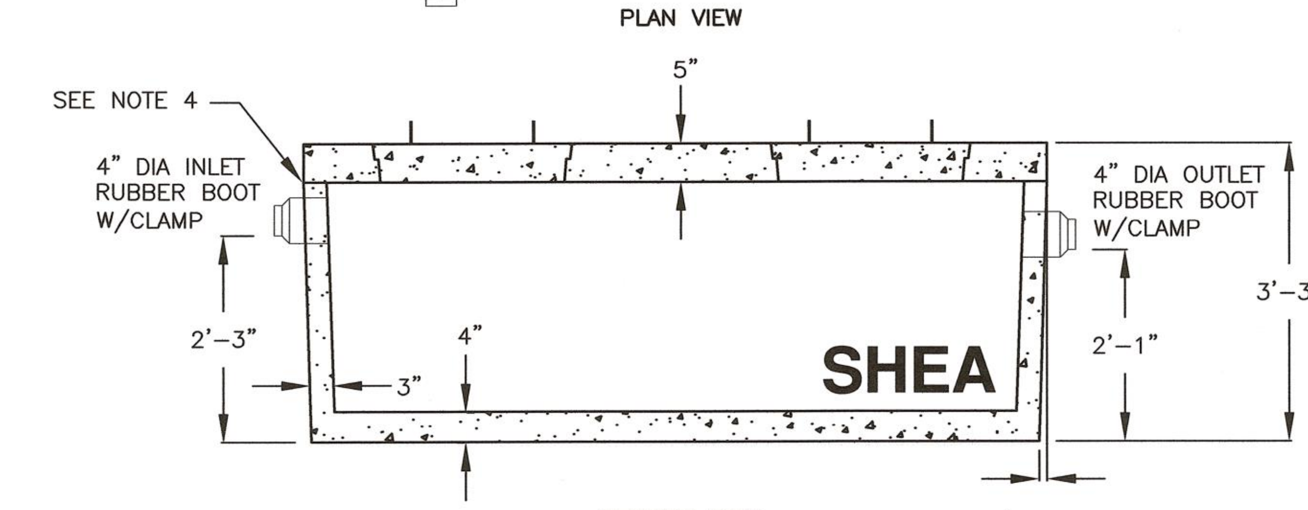
1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. CONSTRUCTION OF SEPTIC TANK CONFORMS WITH 310 CMR, SECTION 15.00 DEP TITLE 5 REGS.
3. ALL REINFORCEMENT PER ASTM C1227.
4. TEES AND GAS BAFFLE SOLD SEPARATELY.
5. TONGUE & GROOVE JOINT SEALED WITH BUTYL RESIN.
6. IF COVER EXCEEDS 4 FEET, HEAVY DUTY TANK REQUIRED. ALSO AVAILABLE IN AASHTO HS-20 LOADING.

		WEIGHT
ITEM NO. 2500	STANDARD	21,750#
2500H	H20	21,750#
25002CH	H20	22,650#
25002CH	H20	22,650#

SEPTIC TANK PT 2, 3, 4

2500 GALLON SEPTIC TANK





NOTES:

1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGN CONFORMS WITH 310 CMR 15.000, DEP TITLE 5 REGS, FOR PUMP CHAMBERS.
3. ALL REINFORCEMENT PER ASTM C1227.
4. JOINT SEALED WITH BUTYL RESIN.
5. IF COVER EXCEEDS 4 FEET, HEAVY DUTY TANK REQUIRED. ~~ALSO AVAILABLE IN AASHTO HS-20 LOADING.~~
6. PUMPS AND ACCESSORIES OPTIONAL.

SEPTIC TANK PT 5

500 GALLON LOW PROFILE PUMP CHAMBER

AMBIT ENGINEERING, INC.
Civil Engineers & Land Surveyors
200 Griffin Road – Unit 3
Portsmouth, N.H. 03801-7114
Tel (603) 430-9282
Fax (603) 436-2315

NOTES:

1) UNDERGROUND UTILITY LOCATIONS ARE BASED UPON BEST AVAILABLE EVIDENCE AND ARE NOT FIELD VERIFIED. LOCATING AND PROTECTING ANY ABOVEGROUND OR UNDERGROUND UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR THE OWNER. UTILITY CONFLICTS SHOULD BE REPORTED AT ONCE TO THE DESIGN ENGINEER.

2) THE CONTRACTOR SHALL NOTIFY DIG SAFE AT 1-888-DIG-SAFE (1-888-344-7233) AT LEAST 72 HOURS PRIOR TO COMMENCING ANY EXCAVATION ON PUBLIC OR PRIVATE PROPERTY.

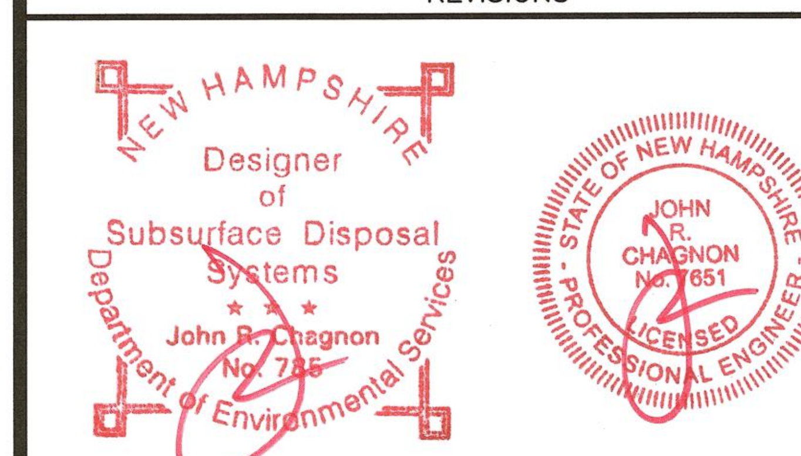
3) CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3, EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION. (NHDES DECEMBER 2008).

NO CHANGES TO THE EXISTING APPROVAL REQUIRED FOR THE CHANGE OF USE.

CHANGE OF USE SEPTIC SYSTEM THE INN AT RYE PLACE & RYE PLACE 150 LAFAYETTE ROAD RYE, N.H.

NO.	DESCRIPTION	DATE
2	DISHWASHER SPEC	4/25/24
1	GREASE TRAP	4/16/24
0	ISSUED FOR COMMENT	3/13/24

REVISIONS



SCALE: AS SHOWN | MARCH 2024

SEPTIC TANK DETAILS
SHEET 3

D2

FB 346 PG 23 | 3113