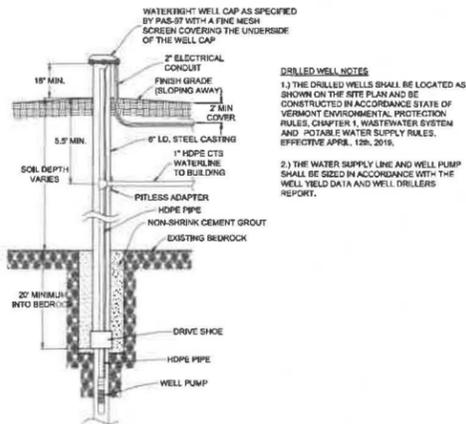
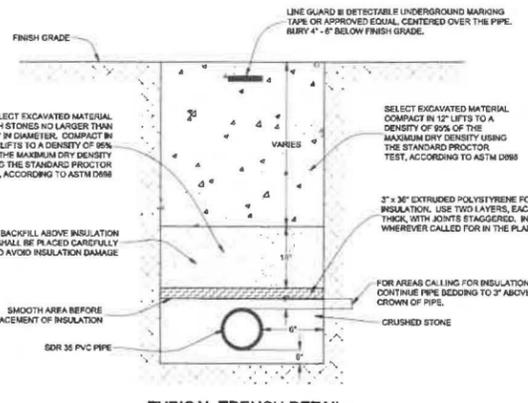


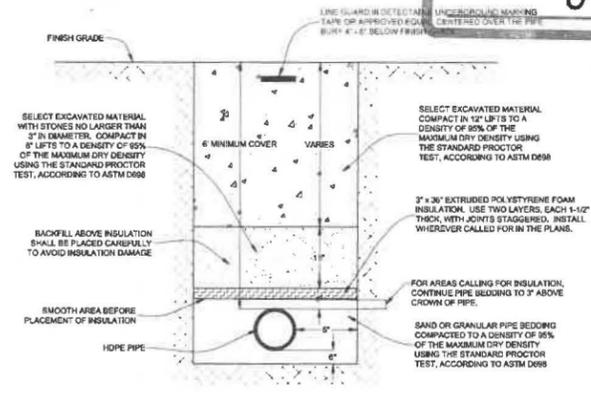
TYPICAL DOSING SIPHON DETAIL
NTS



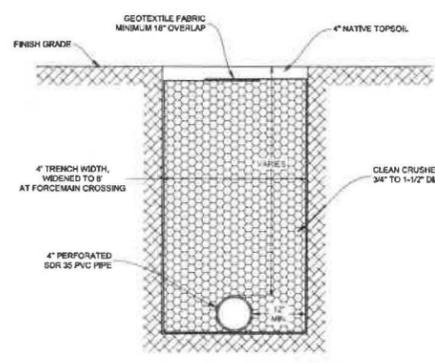
DRILLED BEDROCK WELL DETAIL
NTS



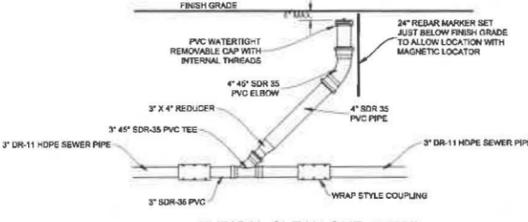
TYPICAL TRENCH DETAIL
SDR 35 PVC SANITARY SEWER
NTS



TYPICAL TRENCH DETAIL
HDPE FORCEMAIN
NTS



TYPICAL CURTAIN DRAIN DETAIL
NTS



TYPICAL CLEAN OUT DETAIL
NTS

LOT 5B WASTEWATER DISPOSAL DESIGN

DESIGN FLOW:
TWO BEDROOM DWELLING = (7) GPD X 2 PEOPLE PER BEDROOM X 2 BEDROOMS = 280 GPD

LEACHFIELD SIZING:
TRENCHES ARE TO BE USED, THEREFORE THE BOTTOM AREA OF THE TRENCHES WERE CALCULATED USING SS 1417(A)
MINIMUM REQUIRED SQUARE FOOTAGE:
DF + AR = TA
DF = DESIGN FLOW IN GPD
AR = APPLICATION RATE IN GPD PER S.F. (IDENTIFIED IN SS 1411)
TA = MINIMUM REQUIRED BOTTOM TRENCH AREA IN S.F.

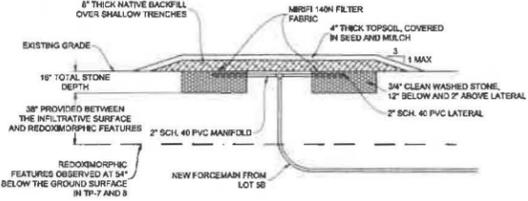
DF = 280 GPD
AR = USING TABLE (A), FINE SAND WITH GRANULAR STRUCTURE FOR IN-GROUND TRENCH = 1.00 GPD PER S.F.
TA = 280 GPD ÷ 1.00 GPD PER S.F. = 280 S.F.

REPLACEMENT AREA FOLLOWING SS 1402(B)(1), BY INCREASING THE LEACHFIELD SIZES BY 150% AND UTILIZING PRESSURE DISTRIBUTION, NO RESERVE AREA IS REQUIRED.

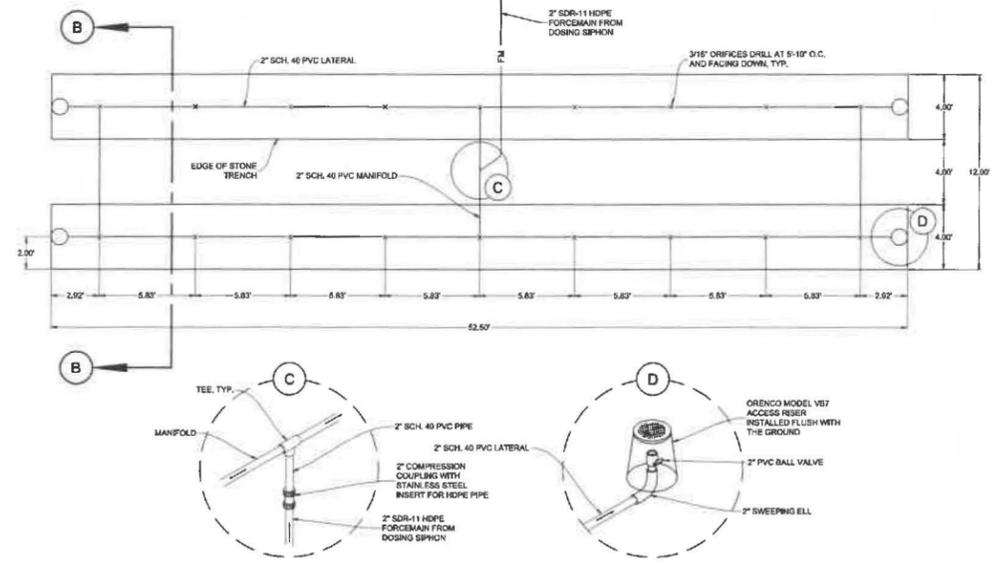
THEREFORE, SYSTEM INCREASED BY 150% = 280 S.F. X 150% = 420 S.F. REQUIRED

LEACHFIELD DIMENSIONS:
420 S.F. ÷ 4' WIDE TRENCHES = 105 L.F. OF 4' WIDE TRENCH
105 L.F. ÷ 2 TRENCHES = 52.5' LONG

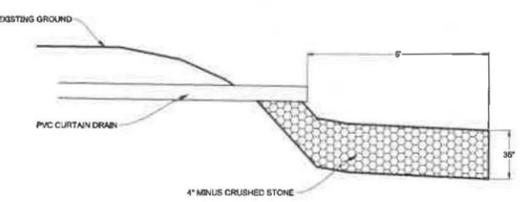
LEACHFIELD SHALL BE: 2 TRENCHES X 4' WIDE X 52.5' LONG



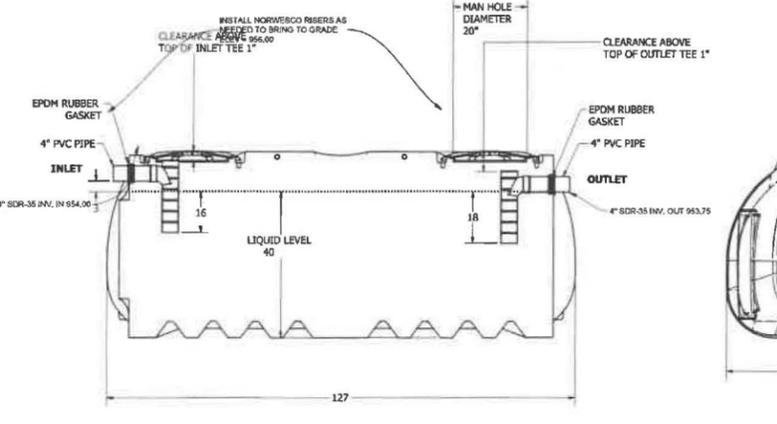
SECTION B-B



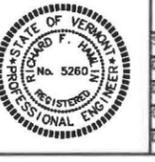
LOT 5B WASTEWATER DISPOSAL FIELD DETAIL
NTS



TYPICAL DRAIN OUTFALL DETAIL
NTS



NORWESCO 1,000 GALLON POLYETHYLENE SEPTIC TANK
NTS



DATE	REVISION	BY
CLIENT	MARTY BASLOW 85 COLONEL PAGE ROAD ESSEX JUNCTION, VT 05452	
PROJECT TITLE	BASLOW SUBDIVISION FOR PARCEL WC037	
DRAWING TITLE	LOT 5B WATER AND WASTEWATER DETAILS	
Scale	NTS	
Design	MLD	Job
Drawn	MLD	No.
Checked	RFH	File
Date	06/29/2020	Drawn
136 Pearl Street Essex Junction, Vermont		D-2