



TYPICAL ROOF DOWNSPOUT OVERFLOW CONNECTION
NOT TO SCALE

CULTEC RECHARGER 330XLHD CHAMBER BED CONST. NOTES

1. CRUSHED STONE UTILIZED FOR INFILTRATION BED CONSTRUCTION SHALL BE DOUBLE WASHED.
2. IF FILTER FABRIC IS UTILIZED, IT SHALL ONLY BE PLACED OVER THE SYSTEM AND/OR ON THE SIDEWALLS AT THE SOIL-STONE INTERFACE. NO FILTER FABRIC SHALL BE PLACED BENEATH THE INFILTRATION BED.
3. EXCAVATION OF THE INFILTRATION SYSTEM SHALL INCLUDE A 2'-FT MIN. HORIZONTAL EXCAVATION BEYOND THE LIMIT OF BED STONE AND A SIX INCH (6") VERTICAL OVEREXCAVATION INTO THE C-LAYER OF SOIL (SOIL LAYER BENEATH TOPSOIL AND SUBSOIL).
4. INFILTRATION BED INSPECTION PORT SHALL BE BROUGHT TO WITHIN 6" OF FINISHED GRADE.

ZBL SEC. 3.8
TOTAL SITE DISTURBANCE PROPOSED = 23,636 SF << 32,000 SF THEREFORE ZBL SEC. 3.8 EROSION CONTROL SPECIAL PERMIT WITH PLANNING BOARD IS NOT APPLICABLE TO CONSTRUCTION AS PROPOSED HEREON.

ORDER OF CONDITIONS
CONSTRUCTION ON THIS LOT IS SUBJECT AN ORDER OF CONDITIONS ISSUED BY THE STOW CONSERVATION COMMISSION ON 7/23/23 (REF. DEP FILE NO. 299-739). REFER TO THE ORDER OF CONDITIONS FOR ADDITIONAL SITE DEVELOPMENT CONDITIONS AND REQUIREMENTS.

N/F
TESSA & GREGORY ANGELIDES
36 PACKARD ROAD
MAP U09 PARCEL 34

N/F
DOROTHY G. SONNICHSEN
MAP R-17 PARCEL 34
(NO WELL OR SEPTIC)
(ORCHARD)

N/F
THE METACOM REALTY TRUST
REMAINDER OF MAP R19 PARCEL 20D
(UNDEVELOPED/WOODED)

DEEP OBSERVATION HOLE LOGS

TEST HOLE: 223-1
DATE: 2/10/23
SURFACE EL.: 246.8

SOIL EVALUATOR: SCOTT P. HAYES, PE SE#1030
B.O.H. AGENT: KALENE GENDRON, NABH

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	REMARKS
0-14"	A	SL	10YR3/3	NONE	
14-30"	Bw	SL	10YR5/6	NONE	
30-60"	C1	L5	2.5Y6/3	NONE	
60-132"	C2	C5	10YR4/3	>5% # 96"	

DEPTH TO: ...
BEDROCK: NONE
STANDING WATER: 14"
SEEPAGE: NONE
ESTIMATED SEASONAL HIGH GROUNDWATER: 96" (236.8)

TEST HOLE: 223-2
DATE: 2/10/23
SURFACE EL.: 246.9

SOIL EVALUATOR: SCOTT P. HAYES, PE SE#1030
B.O.H. AGENT: KALENE GENDRON, NABH

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	REMARKS
0-12"	A	SL	10YR3/3	NONE	
12-30"	Bw	SL	10YR5/6	NONE	
30-54"	C1	L5	2.5Y6/3	NONE	
54-120"	C2	C5	10YR4/3	>5% # 96"	

DEPTH TO: ...
BEDROCK: NONE
STANDING WATER: 12"
SEEPAGE: NONE
ESTIMATED SEASONAL HIGH GROUNDWATER: 96" (236.9)

TEST HOLE: 223-3
DATE: 2/10/23
SURFACE EL.: 245.9

SOIL EVALUATOR: SCOTT P. HAYES, PE SE#1030
B.O.H. AGENT: KALENE GENDRON, NABH

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	REMARKS
0-14"	A	SL	10YR3/3	NONE	
14-30"	Bw	SL	10YR5/6	NONE	
30-52"	C1	L5	2.5Y6/3	NONE	
52-82"	C2	L5	2.5Y5/4	NONE	
82-120"	C3	L5	10YR5/4	>5% # 88"	

DEPTH TO: ...
BEDROCK: NONE
STANDING WATER: 100"
SEEPAGE: NONE
ESTIMATED SEASONAL HIGH GROUNDWATER: 80" (236.5)

TEST HOLE: 223-4
DATE: 2/10/23
SURFACE EL.: 245.8

SOIL EVALUATOR: SCOTT P. HAYES, PE SE#1030
B.O.H. AGENT: KALENE GENDRON, NABH

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	REMARKS
0-12"	A	SL	10YR3/3	NONE	
12-28"	Bw	SL	10YR5/6	NONE	
28-60"	C1	SL	2.5Y5/4	NONE	
60-108"	C2	L5	10YR5/4	>5% # 86"	

DEPTH TO: ...
BEDROCK: NONE
STANDING WATER: 96"
SEEPAGE: NONE
ESTIMATED SEASONAL HIGH GROUNDWATER: 80" (236.5)

PERCOLATION TESTS

ENGINEER: SCOTT HAYES, PE SE#1030 - FORESITE ENG.
HEALTH AGENT: KALENE GENDRON, NABH

TEST	PT-A	PT-B	PT-C	PT-D
DATE	2/10/23	2/10/23	2/10/23	2/10/23
DEPTH	78"	78"	80"	82"
RATE	<2MPI	<2MPI	<2MPI	<2MPI

SITE DEVELOPMENT PLAN

LOT 3 PACKARD ROAD
STOW, MASSACHUSETTS 01775
PART OF ASSESSOR'S MAP R-17 PARCEL 20D

PREPARED FOR:
THE METACOM REALTY TRUST
23 HILLCREST AVE.
STOW, MASSACHUSETTS 01775

DATE: AUGUST 7, 2023 SCALE: 1 INCH = 20 FEET

FORESITE ENGINEERING
16 Gleasondale Road Suite 1-1
Stow, Massachusetts 01775
Phone: (978) 461-2350
www.foresite1.com

LEGEND

- S.T. PROPOSED 1,500 GAL. 2-COMPARTMENT PRECAST CONCRETE SEPTIC TANK
- D-BOX PROPOSED 6-OUTLET PRECAST CONCRETE DISTRIBUTION BOX
- TP DEEP TEST HOLE
- P PERCOLATION TEST
- ... 245 ... EXISTING 5-FT CONTOUR (TYP.)
- ... 246 ... EXISTING 1-FT CONTOUR (TYP.)
- 246 EXISTING SPOT ELEVATION (TYP.)
- PROPOSED FINISHED CONTOUR (TYP.)
- 246X5 PROPOSED SPOT ELEVATION TYP.

