

ZONING SUMMARY:  
ZONE: RESIDENTIAL R-1  
WATER RESOURCE PROTECTION DISTRICT  
LOT AREA = 636,650± SQ. FT.  
= 14.6± Acres

BUILDING REQUIREMENTS;	REQUIRED
MINIMUM LOT AREA . . . . .	40,000 SQ. FT. <sup>1</sup>
LOT WIDTH . . . . .	175'
FRONTAGE . . . . .	100'
FRONT YARD SETBACK . . . . .	30'
SIDE YARD SETBACK . . . . .	15'
REAR YARD SETBACK . . . . .	8'
BUILDING HEIGHT . . . . .	35' OR 3 Stories <sup>2</sup>
IMPERVIOUS COVERAGE <sup>3</sup> . . . . .	20% Max. (128,930 SQ. FT.)
EXISTING . . . . .	1,012 SQ. FT.
PROPOSED . . . . .	1,800 SQ. FT.

1. EXCLUSIVE OF ANY WETLANDS OR LAND SUBJECT TO FLOODING
2. WHICH EVER IS LOWER
3. NO GREATER THAN 2,500 SQ. FT. WITHOUT INFILTRATION

WETLANDS RESOURCE SUMMARY:

LOT AREA = 644,650± SQ. FT. (14.8± Acres)

BORDERING VEGETATED WETLANDS . . . . .	306,950 SQ. FT.	(7.04 Acres)
RIVERFRONT AREA . . . . .	136,020 SQ. FT.	(3.12 Acres)
LAND SUBJECT TO FLOODING . . . . .	148,950± SQ. FT.	(3.42 Acres)
FLOODPLAIN & WATERSHED PROTECTION DISTRICT . . . . .	280,740± SQ. FT.	(6.44 Acres)

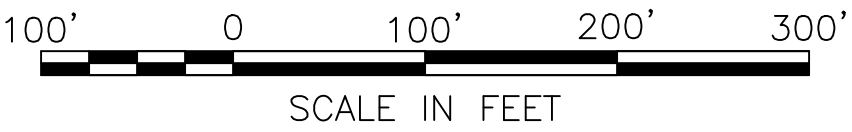
OWNER & APPLICANT

JOSEPH & CHRISTINE PANSE  
246 S. COCONUT PALM BLVD.  
TAVERNIER, FL 33070  
DEED REF. BK. 48,905, PG 274

COVER SHEET  
PLAN OF LAND  
at  
132 MAPLE STREET  
SCITUATE,MA

SCALE: 1"=100'    DATE: APRIL 23,2019

JAMES ENGINEERING, INC.  
125 GREAT ROCK ROAD  
HANOVER, MASS. 02339  
TEL: 1- (781)-878-1795

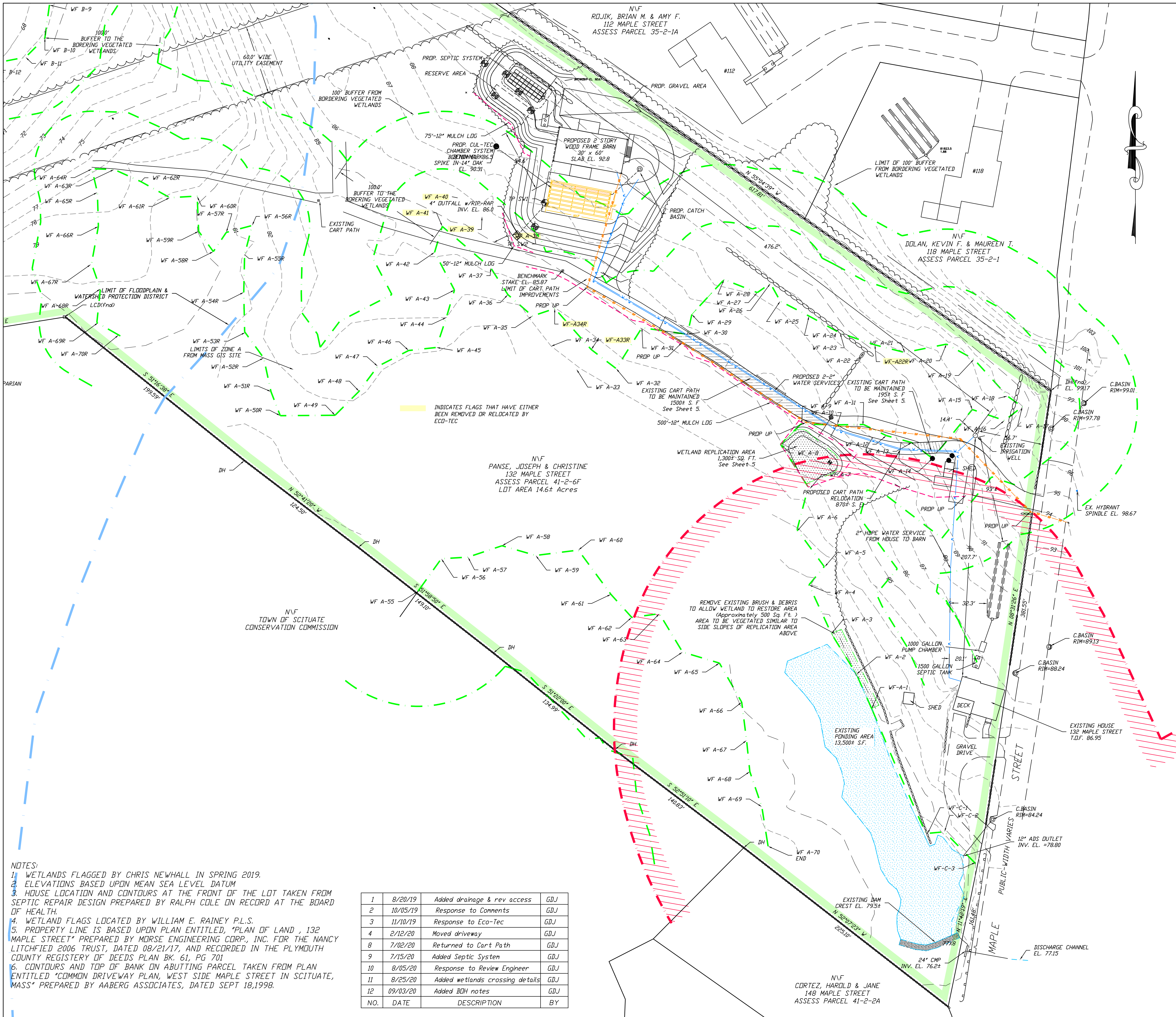


DRAWING LIST

TITLE	SHEET No.
COVER SHEET	1 of 8
PROPOSED CONDITIONS	2 of 8
PROPOSED CONDITIONS	3 of 8
PROPOSED DRAINAGE IMPROVEMENTS	4 of 8
WETLANDS CROSSING & WETLANDS REPLICATION PLAN & DETAILS	5 of 8
PROPOSED SUBSURFACE SEWAGE DISPOSAL SYSTEM	6 of 8
SEPTIC DETAILS	7 of 8
EROSION CONTROL PLAN	8 of 8

1	8/20/19	Added drainage & rev access	GDJ
2	10/05/19	Response to Comments	GDJ
3	11/10/19	Response to Eco-Tec	GDJ
4	2/12/20	Moved driveway	GDJ
8	7/02/20	Returned to Cart Path	GDJ
9	7/15/20	Added Septic System	GDJ
10	8/05/20	Response to Review Engineer	GDJ
11	8/25/20	Added wetlands crossing details	GDJ
12	09/03/20	Added BDH notes	GDJ
NO.	DATE	DESCRIPTION	BY





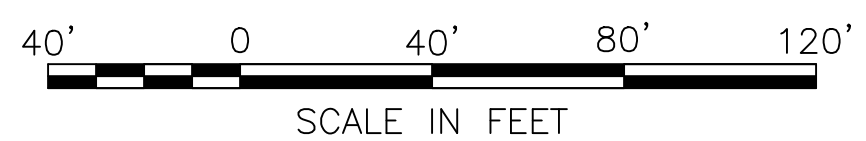
NOTES:  
1. WETLANDS FLAGGED BY CHRIS NEWHALL IN SPRING 2019.  
2. ELEVATIONS BASED UPON MEAN SEA LEVEL DATUM  
3. HOUSE LOCATION AND CONTOURS AT THE FRONT OF THE LOT TAKEN FROM SEPTIC REPAIR DESIGN PREPARED BY RALPH COLE ON RECORD AT THE BOARD OF HEALTH.  
4. WETLAND FLAGS LOCATED BY WILLIAM E. RAINEY P.L.S.  
5. PROPERTY LINE IS BASED UPON PLAN ENTITLED, "PLAN OF LAND, 132 MAPLE STREET" PREPARED BY MORSE ENGINEERING CORP., INC. FOR THE NANCY LITCHFIELD 2006 TRUST, DATED 08/21/17, AND RECORDED IN THE PLYMOUTH COUNTY REGISTRY OF DEEDS PLAN BK. 61, PG 701  
6. CONTOURS AND TOP OF BANK ON ABUTTING PARCEL TAKEN FROM PLAN ENTITLED "COMMON DRIVEWAY PLAN, WEST SIDE MAPLE STREET IN SCITUATE, MASS" PREPARED BY AABERG ASSOCIATES, DATED SEPT 18, 1998.

1	8/20/19	Added drainage & rev access	GDJ
2	10/05/19	Response to Comments	GDJ
3	11/10/19	Response to Eco-Tec	GDJ
4	2/12/20	Moved driveway	GDJ
8	7/02/20	Returned to Cart Path	GDJ
9	7/15/20	Added Septic System	GDJ
10	8/05/20	Response to Review Engineer	GDJ
11	8/25/20	Added wetlands crossing details	GDJ
12	09/03/20	Added BDH notes	GDJ
NO.	DATE	DESCRIPTION	BY

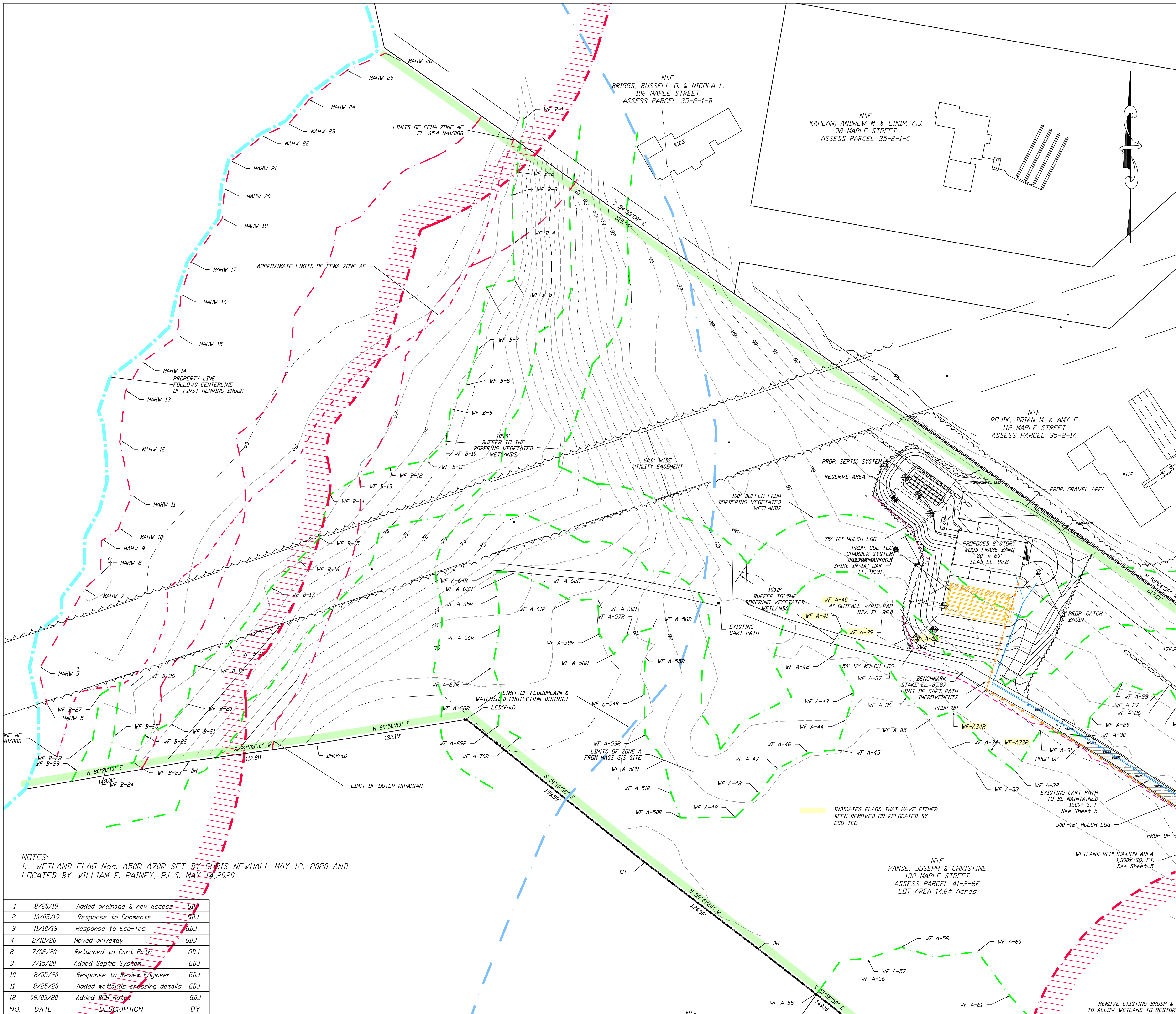
OWNER & APPLICANT  
JOSEPH & CHRISTINE PANSE  
246 S. COCONUT PALM BLVD.  
TAVERNIER, FL 33070  
DEED REF. BK. 48,905, PG 274

PROPOSED CONDITIONS  
PLAN OF LAND  
at  
132 MAPLE STREET  
SCITUATE, MA  
SCALE: 1"=40' DATE: APRIL 23, 2019

JAMES ENGINEERING, INC.  
125 GREAT ROCK ROAD  
HANOVER, MASS. 02339  
TEL: 1- (781)-878-1795







TEST PIT # SW-1  
PERFORMED BY: GARY D. JAMES, P.E.  
WITNESSED BY:  
PERC RATE:  
DATE 08/16/19

DEPTH FROM SURFACE (INCHES)	SOIL HORIZONS	SOIL TEXTURES (USDA)	SOIL COLOR (MUNSEL)	SOIL MOTTLING	OTHER (STRUCTURES, CONCRETES, GRAVEL)
0-8"	A	Sandy Loam	10 YR 3/2		
8-36"	B <sub>w</sub>	L. Sand - S. Loam	10 YR 5/6		FRIABLE, CRUMB 10-15% gravel 25-30% stone
36-65"	C <sub>1</sub>	L. Sand - S. Loam	2.5 Y 5/4	Many Prom 10 YR 7/1 7.5 YR 5/8	FRIABLE, CRUMB 10-15% gravel 25-30% stone

WEEPING FROM PIT FACE: 57"  
ESTIMATED DEPTH TO MAX. G.W. 36" (EL. 84.1)  
STANDING N/A

TEST PIT # SW-2  
PERFORMED BY: GARY D. JAMES, P.E.  
WITNESSED BY:  
PERC RATE:  
DATE 08/16/19

DEPTH FROM SURFACE (INCHES)	SOIL HORIZONS	SOIL TEXTURES (USDA)	SOIL COLOR (MUNSEL)	SOIL MOTTLING	OTHER (STRUCTURES, CONCRETES, GRAVEL)
0-10"	A	Sandy Loam	10 YR 3/2		
10-33"	B <sub>w</sub>	L. Sand - S. Loam	10 YR 5/6		FRIABLE, CRUMB 5-10% gravel 45-50% stone
33-65"	C <sub>1</sub>	L. Sand - S. Loam	2.5 Y 5/4	Many Prom 10 YR 7/1 7.5 YR 5/8	FRIABLE, CRUMB 10-15% gravel 45-50% stone

WEEPING FROM PIT FACE: 54"  
ESTIMATED DEPTH TO MAX. G.W. 33" (EL. 83.6)  
STANDING N/A

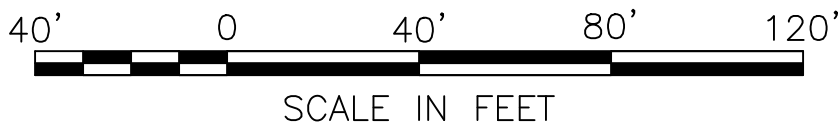
OWNER & APPLICANT

JOSEPH & CHRISTINE PANSE  
246 S. COCONUT PALM BLVD.  
TAVERNIER, FL 33070  
DEED REF. BK. 48,905, PG 274

PROPOSED CONDITIONS  
PLAN OF LAND  
at  
132 MAPLE STREET  
SCITUATE, MA

SCALE: 1"=40' DATE: APRIL 23, 2019

JAMES ENGINEERING, INC.  
125 GREAT ROCK ROAD  
HANOVER, MASS. 02339  
TEL: 1- (781)-878-1795





WET WEIGHT 275 LB MAX. NO CARTRIDGES

2. MATERIAL:

- A) CORNER PLATE ALUMINUM AND DEFLECTOR ALUMINUM ALLOY 6063-T6
- B) BACK RAILS POLYETHYLENE POLYIMIDE POLYIMIDE COPOLYMER
- C) ADJUSTABLE PLATE ALUMINUM 5052-H32
- D) SUPPORT HANDRAILS CROSSLINK 3795

3. PERFORMANCE CHARACTERISTICS 3795

- A) DEBRIS CAPACITY 22 CU YD
- B) FILTERED FLOW RATE CLEAN STANDARD CARTRIDGE 120 GPM (25 CFS)
- C) FILTERED FLOW RATE STANDARD CARTRIDGE 120 GPM (25 CFS)
- D) STANDARD BYPASS FLOW RATE 108 GPM (23 CFS)
- E) TOTAL BYPASS FLOW RATE 108 GPM (23 CFS)

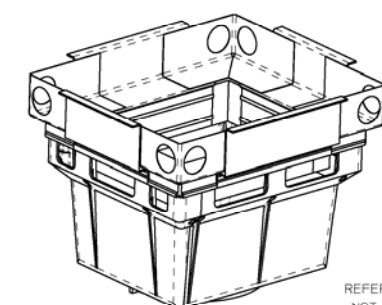
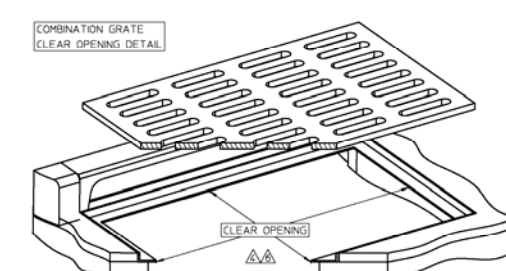
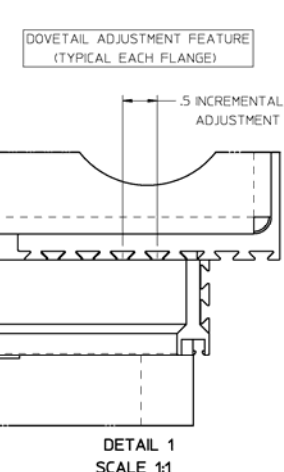
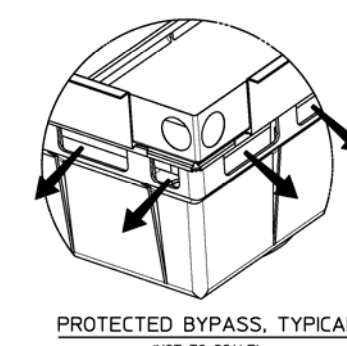
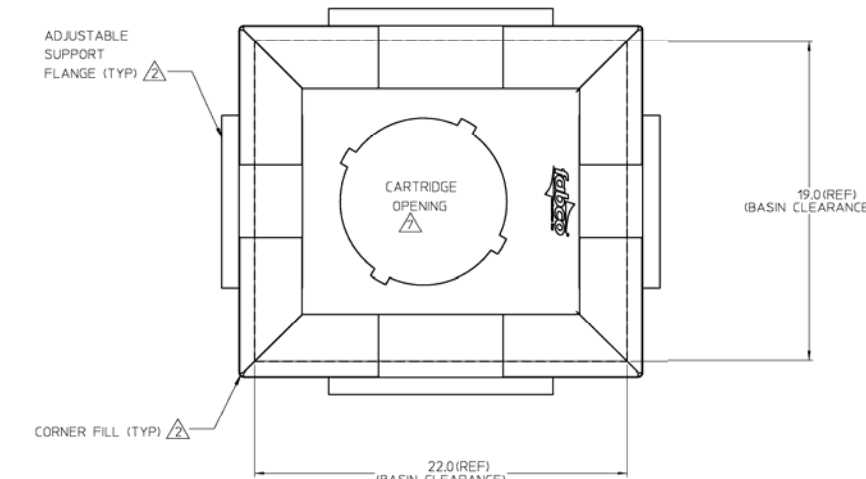
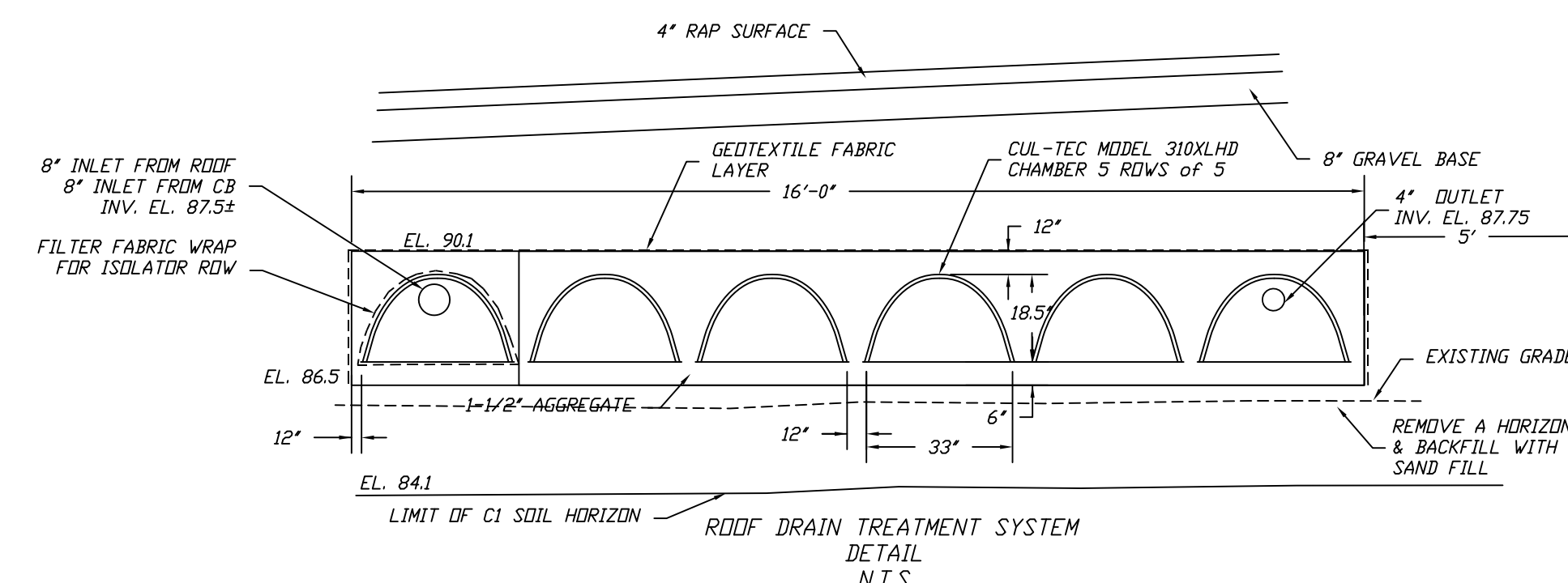
4. CLEAR OPENING RANGE 65 IN. NOMINAL

- A) MINIMUM SIZE 60 X 22.0
- B) MAXIMUM SIZE 26.0 X 27.0

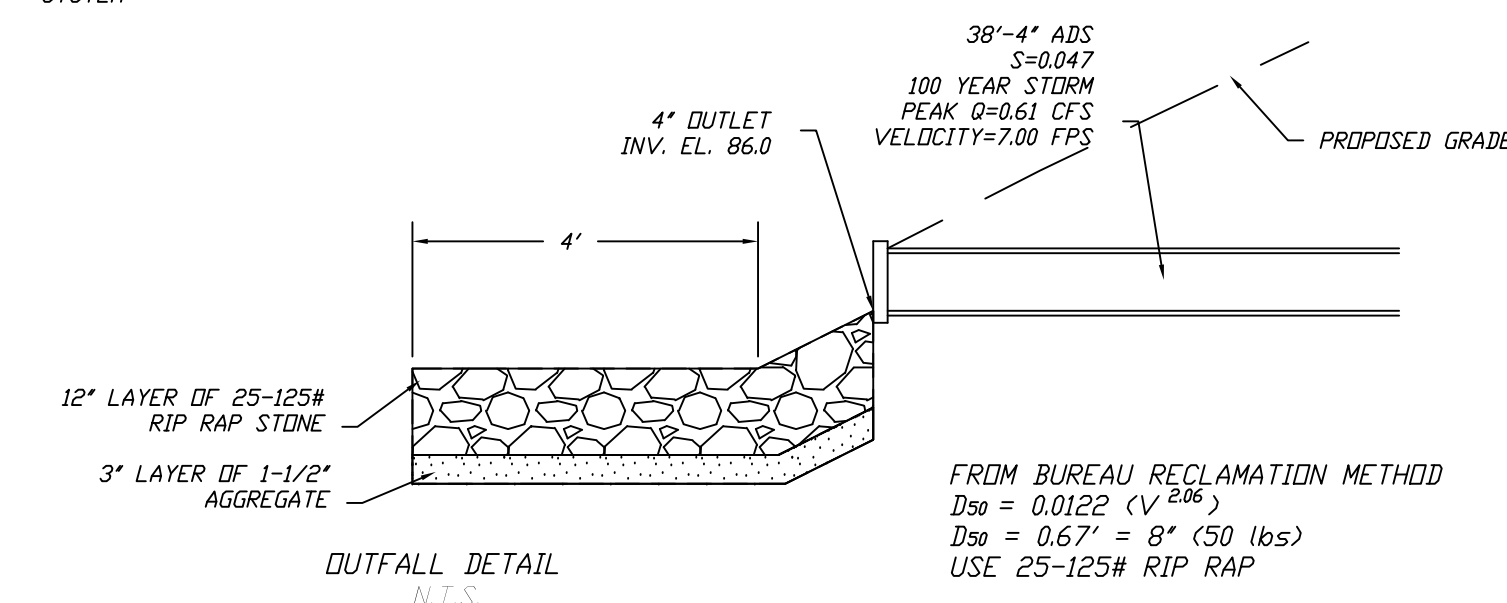
5. RECOMMENDED MINIMUM WALL DEPTH 2 IN. MINOR EARTHQUAKE

6. TYPICAL INSTALLATION REMOVE STORM DRAIN. MEASURE CATCH BASIN FOR CLEARANCE. INSTALL STORM DRAIN TO REST ON GRADE. SUPPORT STORM DRAIN. INSTALL STORM DRAIN AND VERIFY THE ADJUSTABLE PLATES ARE IN THE CORRECT POSITION. VERIFY THE STORM DRAIN IS IN THE CORRECT POSITION. REMOVE THE STORM DRAIN. INSTALL THE STORM DRAIN TO THE STORM DRAIN SUPPORT.

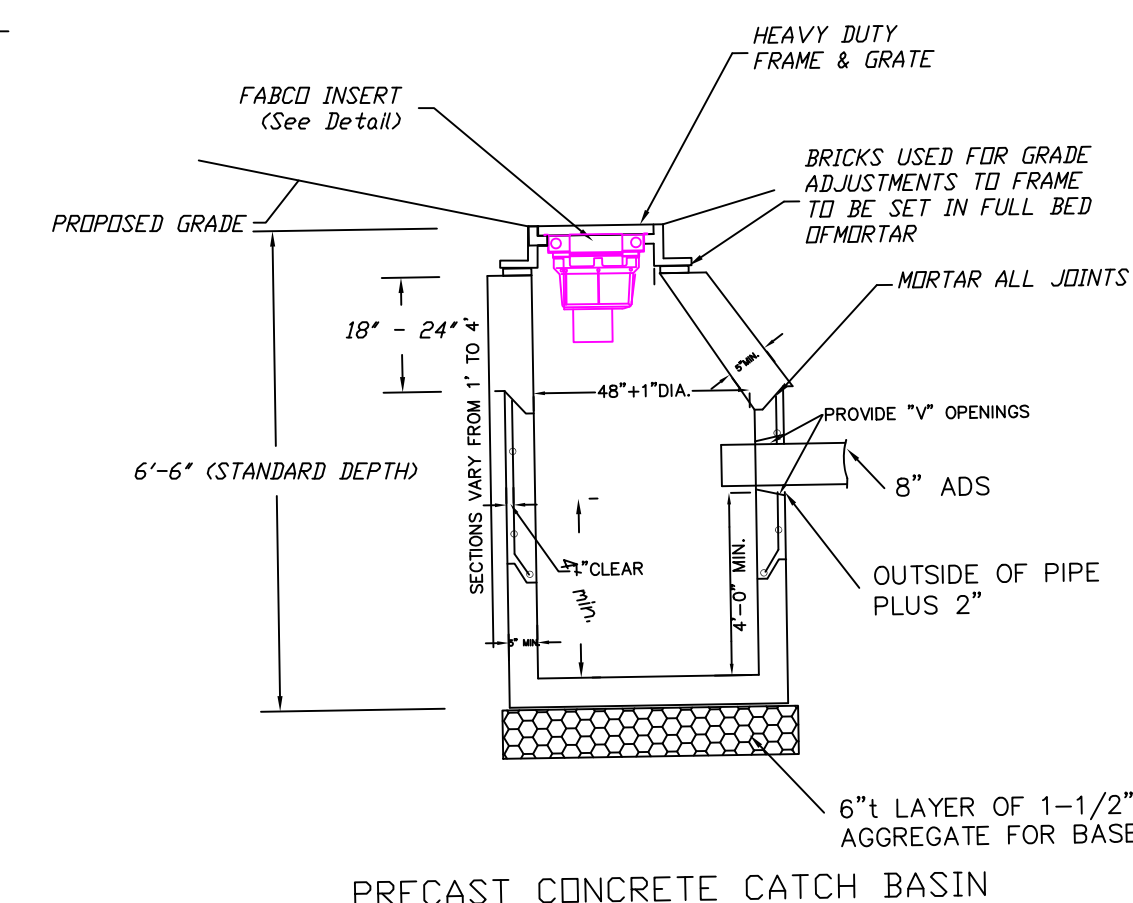
USE ONLY THE WITH FIBER REPLACEABLE MEDIA CARTRIDGES.

[illegible]

NOTE;  
1. ALL STORM WATER SUBSURFACE INFILTRATION SYSTEMS SHALL BE MAINTAINED IN STRICT ACCORDANCE WITH THE OPERATION & MAINTENANCE MANUAL.  
2. THE STONE TRENCH SHALL CONNECT INTO THE CHAMBER SYSTEM.

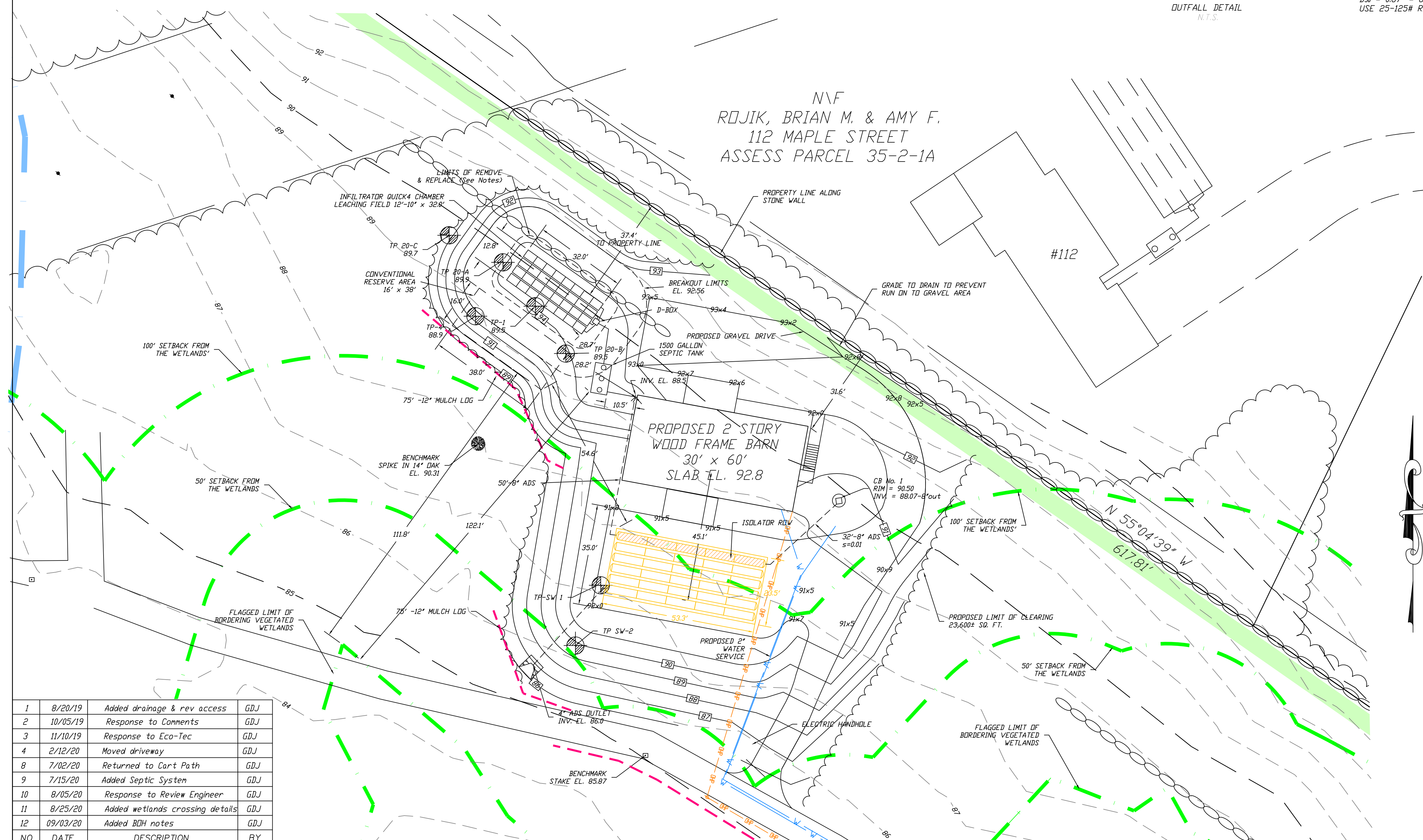


FROM BUREAU RECLAMATION METHOD  
 $D_{50} = 0.0122 (V^{2.06})$   
 $D_{50} = 0.67' = 8" (50 \text{ lbs})$   
 USE 25-125# RIP RAP



PRECAST CONCRETE CATCH BASIN

N\F  
ROJIK, BRIAN M. & AMY F.  
112 MAPLE STREET  
ASSESS PARCEL 35-2-1A



OWNER &amp; APPLICANT

JOSEPH & CHRISTINE PANSE  
246 S. COCONUT PALM BLVD.  
TAVERNIER, FL 33070  
DEED REF. BK. 48,905, PG 274

PROPOSED DRAINAGE IMPROVEMENTS  
PLAN OF LAND  
at  
132 MAPLE STREET  
SCITUATE, MA

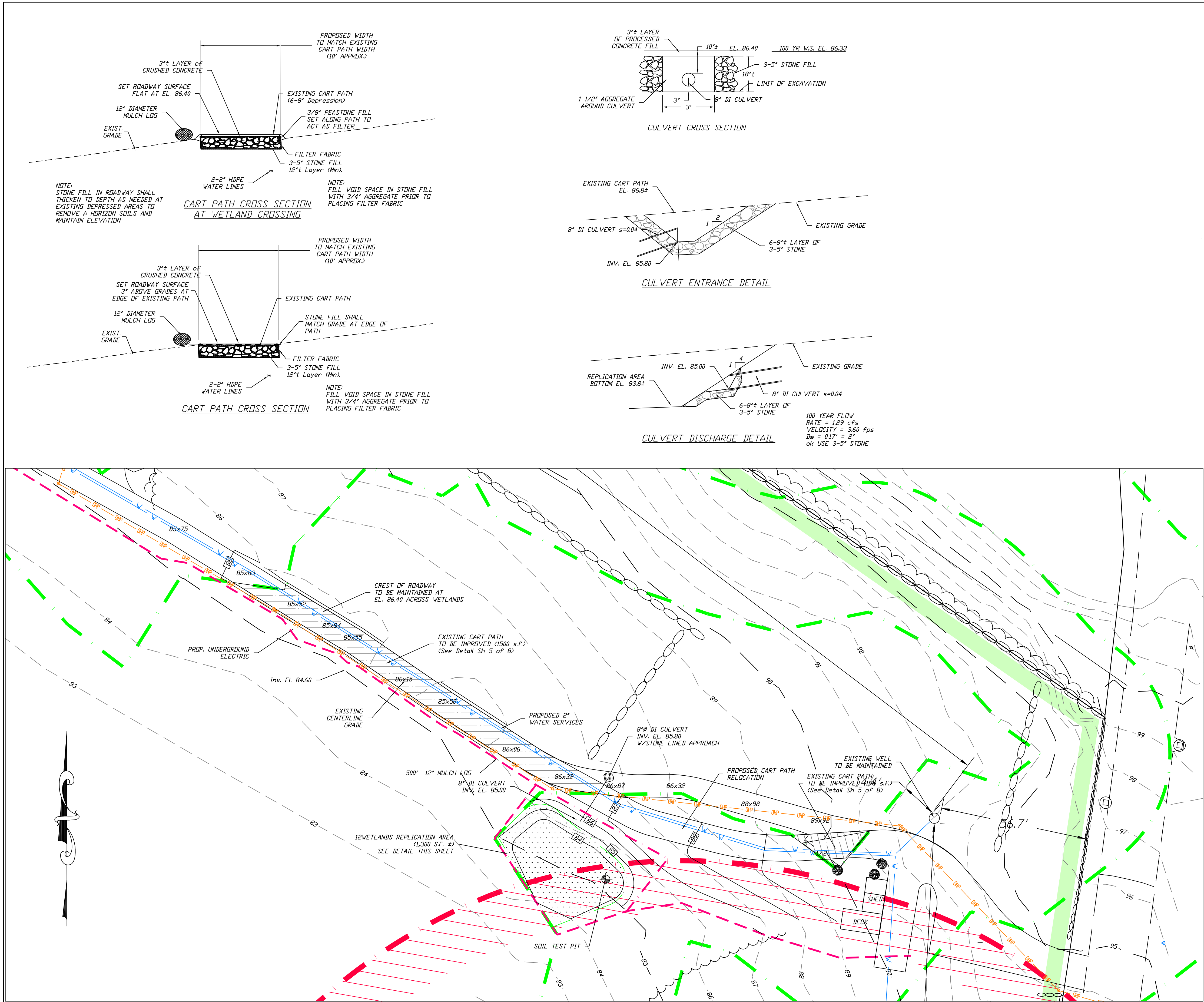
SCALE: 1"=20'      DATE: APRIL 23, 2019

JAMES ENGINEERING, INC.  
125 GREAT ROCK ROAD  
HANOVER, MASS. 02339  
TEL: 1- (781)-878-1795



1	8/20/19	Added drainage & rev access	GDJ
2	10/05/19	Response to Comments	GDJ
3	11/10/19	Response to Eco-Tec	GDJ
4	2/12/20	Moved driveway	GDJ
8	7/02/20	Returned to Cart Path	GDJ
9	7/15/20	Added Septic System	GDJ
10	8/05/20	Response to Review Engineer	GDJ
11	8/25/20	Added wetlands crossing details	GDJ
12	09/03/20	Added BDH notes	GDJ
NO	DATE	DESCRIPTION	RY





11	8/25/20	Added wetlands crossing details	GDJ
12	09/03/20	Added BDH notes	GDJ
NO.	DATE	DESCRIPTION	BY

20' 0 20' 40' 60'  
SCALE IN FEET



1. ELEVATIONS REFER TO N.G.V.D.

2. BENCH MARK SPIKE IN 14" OAK  
EL. 90.31

N\F  
ROJIK, BRIAN M. & AMY F.  
112 MAPLE STREET  
ASSESS PARCEL 35-2-1A

60.0' WIDE  
UTILITY EASEMENT

#112

PROPOSED 2 STORY  
WOOD FRAME BARN  
30' x 60'  
SLAB FL. 92.8

OWNER &amp; APPLICANT

JOSEPH & CHRISTINE PANSE  
246 S. COCONUT PALM BLVD.  
TAVERNIER, FL 33070  
DEED REF. BK. 48,905, PG 274

PROPOSED SUBSURFACE SEWAGE  
DISPOSAL SYSTEM  
at  
132 MAPLE STREET  
SCITUATE, MA

SCALE: 1"=20'      DATE: JULY 10, 2020

JAMES ENGINEERING, INC.  
125 GREAT ROCK ROAD  
HANOVER, MASS. 02339  
TEL: 1- (781)-878-1795

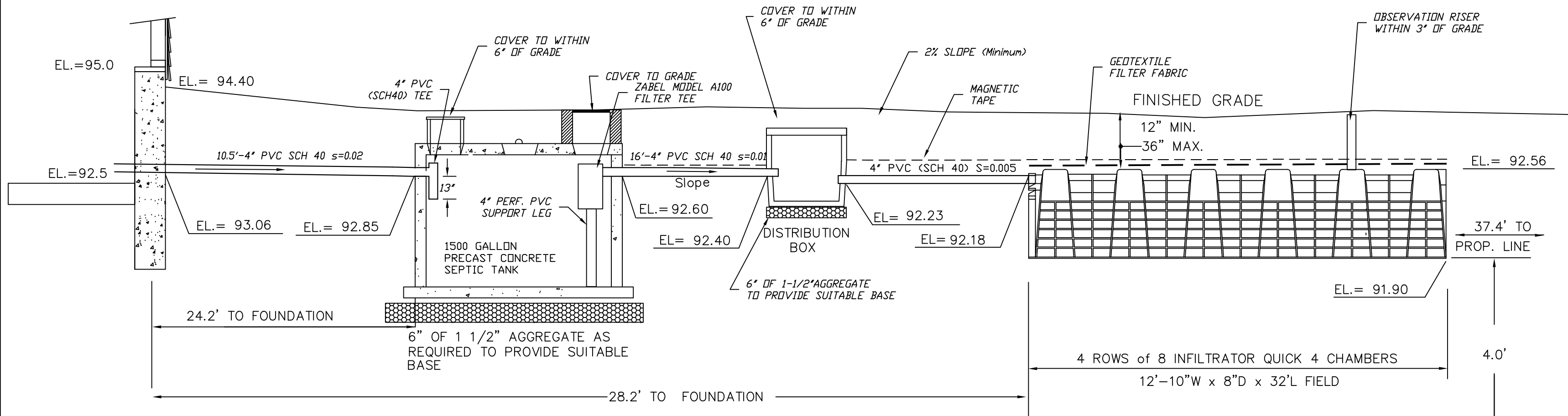
20' 0 20' 40' 60'

SCALE IN FEET

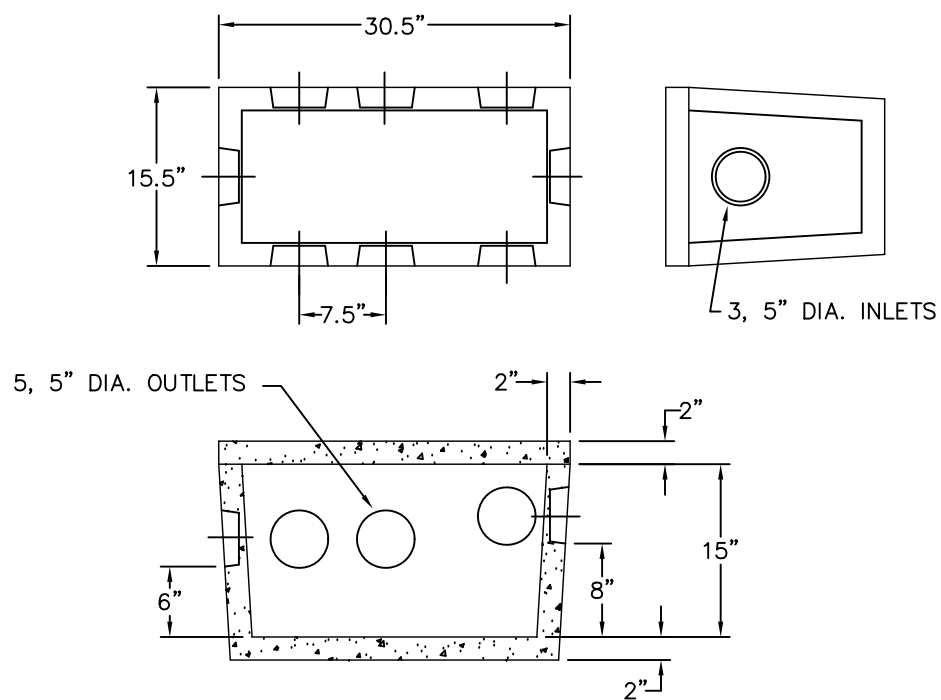
10	8/05/20	Response to Review Engineer	GDJ
11	8/25/20	Added wetlands crossing details	GDJ
12	09/03/20	Added BDH notes	GDJ
NO	DATE	DESCRIPTION	BY

Sh. 6 of 8





SEPTIC SYSTEM PROFILE



DISTRIBUTION BOX

TEST PIT # 1  
PERFORMED BY: GARY D. JAMES, P.E.  
WITNESSED BY: RALPH COLE, BOH  
PERC RATE: 11 MIN/IN  
DATE: 11/18/19

DEPTH FROM SURFACE (INCHES)	SOIL HORIZONS	SOIL TEXTURES (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER (STRUCTURES, CONSTRUCTIVE GRAVEL)
0-9"	A	Sandy Loam	10 YR 3/2		FRIABLE, MASSIVE
9-22"	B <sub>w</sub>	Sandy Loam	10 YR 5/6		FRIABLE, MASSIVE
22-120"	C <sub>1</sub>	Sandy Loam	10 YR 6/2		FRIABLE, CRUMB 10% gravel 10% stone

WEeping FROM PIT FACE: 89"  
ESTIMATED DEPTH TO MAX. G.W. 22" (EL. 87.7)  
STANDING N/A

TEST PIT # 20-B  
PERFORMED BY: GARY D. JAMES, P.E.  
WITNESSED BY: RALPH COLE, BOH  
PERC RATE: 13 MIN/IN  
DATE: 06/24/20

DEPTH FROM SURFACE (INCHES)	SOIL HORIZONS	SOIL TEXTURES (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER (STRUCTURES, CONSTRUCTIVE GRAVEL)
0-8"	A	Sandy Loam	10 YR 3/2		GRANULAR FRIABLE
8-28"	B <sub>w</sub>	Sandy Loam	10 YR 5/6		FRIABLE, MASSIVE
28-120"	C <sub>1</sub>	Sandy Loam	10 YR 5/4	24" 7.5 YR 5/6	FRIABLE, CRUMB 10% gravel 30% stone

WEeping FROM PIT FACE: 74"  
ESTIMATED DEPTH TO MAX. G.W. 24" (EL. 87.4)  
STANDING N/A

TEST PIT # 4  
PERFORMED BY: GARY D. JAMES, P.E.  
WITNESSED BY: RALPH COLE, BOH  
PERC RATE: 11 MIN/IN  
DATE: 11/18/19

DEPTH FROM SURFACE (INCHES)	SOIL HORIZONS	SOIL TEXTURES (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER (STRUCTURES, CONSTRUCTIVE GRAVEL)
0-7"	A	Sandy Loam	10 YR 3/2		GRANULAR FRIABLE
7-18"	B <sub>w</sub>	Sandy Loam	10 YR 5/6		FRIABLE, MASSIVE
18-120"	C <sub>1</sub>	Sandy Loam	10 YR 5/4	24" 7.5 YR 5/6	FRIABLE, CRUMB 5% gravel 5% stone

WEeping FROM PIT FACE: 100"  
ESTIMATED DEPTH TO MAX. G.W. 24" (EL. 86.9)  
STANDING N/A

TEST PIT # 20-C  
PERFORMED BY: GARY D. JAMES, P.E.  
WITNESSED BY: RALPH COLE, BOH  
PERC RATE: TEST STOPPED  
DATE: 06/24/20

DEPTH FROM SURFACE (INCHES)	SOIL HORIZONS	SOIL TEXTURES (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER (STRUCTURES, CONSTRUCTIVE GRAVEL)
0-8"	A	Sandy Loam	10 YR 3/2		GRANULAR FRIABLE
8-28"	B <sub>w</sub>	Sandy Loam	10 YR 5/6		FRIABLE, MASSIVE
28-120"	C <sub>1</sub>	Sandy Loam	10 YR 5/4	30" 7.5 YR 5/6	FRIABLE, CRUMB 10% gravel 30% stone

WEeping FROM PIT FACE: 82"  
ESTIMATED DEPTH TO MAX. G.W. 30" (EL. 87.2)  
STANDING N/A

TEST PIT # 20-A  
PERFORMED BY: GARY D. JAMES, P.E.  
WITNESSED BY: RALPH COLE, BOH  
PERC RATE: 11 MIN/IN  
DATE: 06/24/20

DEPTH FROM SURFACE (INCHES)	SOIL HORIZONS	SOIL TEXTURES (USDA)	SOIL COLOR (MUNSELL)	SOIL MOTTLING	OTHER (STRUCTURES, CONSTRUCTIVE GRAVEL)
0-9"	A	Sandy Loam	10 YR 3/2		GRANULAR FRIABLE
9-28"	B <sub>w</sub>	Sandy Loam	10 YR 5/6		FRIABLE, MASSIVE
28-120"	C <sub>1</sub>	Sandy Loam	10 YR 5/4	30" 7.5 YR 5/6	FRIABLE, CRUMB 10% gravel 30% stone

WEeping FROM PIT FACE: 82"  
ESTIMATED DEPTH TO MAX. G.W. 30" (EL. 87.4)  
STANDING N/A

10	8/05/20	Response to Review Engineer	GDJ
11	8/25/20	Added wetlands crossing details	GDJ
12	09/03/20	Added BOH notes	GDJ
NO.	DATE	DESCRIPTION	BY

- NOTES CONTINUED:
14. LEACHING FACILITIES SHALL BE COVERED WITH A GEOTEXTILE FABRIC LAYER.
15. IN AREAS SHOWN ON THE PLAN, ALL TOPSOIL, PEAT AND OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED AND REPLACED WITH A CLEAN GRANULAR SAND FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES, WHICH SHALL BE GRADED SUCH THAT;
1. NO MATERIAL IS LARGER THAN 2 INCHES.
2. NOT MORE THAN 45% IS RETAINED ON THE #4SIEVE;
3. OF THE FRACTION PASSING THE #4 SIEVE, THE MATERIAL SHALL FALL WITHIN THE GRADATION LIMITS AS FOLLOWS;
- | SIEVE SIZE | PERCENT PASSING |
|------------|-----------------|
| #50        | 10-100%         |
| #100       | 0-20%           |
| #200       | 0-5%            |
16. A SIEVE ANALYSIS OF THE MATERIAL SHALL BE PERFORMED TO DETERMINE THAT IT MEETS THE GRADATION REQUIREMENTS AS NOTED ABOVE.
17. REMOVE AND REPLACE SHALL EXTEND TO A DEPTH OF 28" OR UNTIL C1 HORIZON IS ENCOUNTERED;
- EXCAVATION QUANTITY= 85 CU. YDS.  
REPLACEMENT QUANTITY= 170 CU. YDS.  
\* INCLUDES 20% COMPACTION ALLOWANCE
18. UNLESS OTHERWISE NOTED, ALL PIPING SHALL BE SCHEDULE 40 PVC WITH WATER TIGHT JOINTS AND SHALL BE COVERED BY A MAGNETIC TAPE TO ASSIST WITH LOCATING THE PIPE.
19. UNLESS OTHERWISE NOTED, THERE ARE NO KNOWN WELLS WITHIN 200' OF THE PROPOSED LEACHING FACILITIES.
20. ALL SYSTEM COMPONENTS SHALL BE COVERED WITH A MAGNETIC TAPE TO HELP IDENTIFY LOCATION AFTER INSTALLATION.
21. DESIGN ENGINEER SHALL BE CONTACTED TO INSPECT THE CONSTRUCTION PROGRESS OF THE SYSTEM ;
1. WHEN ALL MATERIAL HAS BEEN REMOVED TO INSPECT THE MATERIAL AT THE BOTTOM OF THE HOLE;  
2. WHEN THE SYSTEM COMPONENTS HAVE BEEN INSTALLED PRIOR TO BACKFILLING; AND  
3. WHEN THE SYSTEM FINAL GRADING HAS BEEN COMPLETED.
22. THE SITE IS NOT LOCATED IN A FEMA FLOOD HAZARD AREA.
23. THE SITE IS LOCATED IN A ZONE II OF A PUBLIC WATER SUPPLY WELL
24. INFILTRATOR QUICK4 PLUS 3 CHAMBERS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GENERAL USE PERMIT ISSUED BY DEP REV JUNE 12,2015.
25. INSTALLER SHALL BE CERTIFIED BY INFILTRATOR TO INSTALL THEIR SYSTEMS
26. LEACHING FACILITIES AS SHOWN ON ABUTTING LOTS TAKEN FROM AS BUILT PLANS ON RECORD AT THE BOARD OF HEALTH
27. CONVENTIONAL SYSTEM REQUIREMENTS  
AREA REQUIRED = 589.3 SQ. FT.  
SYSTEM PROPOSED = 16' x 38'  
AREA PROVIDED = 608 SQ. FT. ok
28. THERE SHALL BE NO CHANGES MADE TO THE PLAN WITHOUT THE PERMISSION OF THE BOARD OF HEALTH AND DESIGN ENGINEER.
29. ZONE II COMPLIANCE CALCULATIONS
- |  |                            |             |
|--|----------------------------|-------------|
| LOT AREA 636,000 SQ. FT.                     | 2 BEDROOM DWELLING         | 220 GALLONS |
| CURRENT USE                                  | DESIGN CAPACITY            | 330 GALLONS |
| PROPOSED USE                                 | TOTAL DAILY FLOW           | 550 GALLONS |
|  | EQUIVALENT FLOW            | 5 BEDROOMS  |
| ALLOWED DENSITY = 1 BEDROOM / 10,000 SQ. FT. |                            |             |
|  | = 63 BEDROOMS              |             |
|  | ACTUAL USE = 5 BEDROOMS ok |             |

1. ELEVATIONS REFER TO \_\_\_\_\_ N.G.V.D.
2. BENCH MARK \_\_\_\_\_ NAIL IN OAK TREE  
EL. 89.87
3. ESTIMATED DAILY FLOW  
RESIDENTIAL USE  
USE 330 GALLON MINIMUM
4. SEPTIC TANK REQ'D CAPACITY = 1500 GALLONS
5. LEACHING AREA REQUIREMENTS; CLASS II SOIL  
PERC RATE 13 MIN/IN  
APPLICATION RATE = 0.56 G/SF  
AREA REQ. =330.0 ÷ 0.56 GAL/S.F. =589.3 S.F.  
USE INFILTRATOR QUICK4 PLUS CHAMBERS  
AREA =4.73 S.F. / L.F.  
LNTH REQ. = 589.3 S.F. ÷ 4.73 S.F./L.F. =124.6 L.F.
6. LEACHING AREA PROVIDED  
USE CHAMBER BED 32'L X 12'-10" W  
4 ROWS OF CHAMBERS 32'L = 128'  
EQUIV. AREA PROV. = 128 x 4.73 = 605.4 S.F.  
CAP. PROV=605.4 X 0.74 G/S.F.= 448.0 G.P.D.
7. HEAVY GRADING MACHINERY SHALL NOT BE PERMITTED TO PASS OVER LEACHING AREAS.
8. ALL CONSTRUCTION TO CONFORM TO THE REQUIREMENTS OF THE MASSACHUSETTS DEPARTMENT OF ENV. PROTECTION SANITARY CODE, TITLE 5, AND THE TOWN OF SCITUATE \_\_\_\_\_ BOARD OF HEALTH.
9. PERCOLATION DATA
- | PERC RATE      | DEPTH OF TEST | DATE     |
|----------------|---------------|----------|
| 1. 11 MIN/IN   | 30"           | 11/18/19 |
| 20-A 11 MIN/IN | 34"           | 06/24/20 |
| 20-B 13 MIN/IN | 28"           | 06/24/20 |
10. THIS SYSTEM IS NOT DESIGNED TO ACCOMMODATE A GARBAGE GRINDER.
11. THE FIRST TWO FEET OF EACH LINE EXITING FROM THE "D-BOX" SHALL BE LEVEL.
12. DESIGN ENGINEER TO BE NOTIFIED AT LEAST 48 HOURS PRIOR TO REQUIRED INSPECTIONS.
13. SEPTIC SYSTEM OWNER SHALL HAVE SEPTIC TANK INSPECTED AT LEAST ONCE EACH YEAR & PUMPED AS DEEMED NECESSARY BY THE INSPECTOR NOT LESS THAN ONCE EVERY THREE YEARS .

OWNER & APPLICANT

JOSEPH & CHRISTINE PANSE  
246 S. COCONUT PALM BLVD.  
TAVERNIER, FL 33070  
DEED REF. BK. 48,905, PG 274

SEPTIC DETAILS  
PLAN OF LAND

at

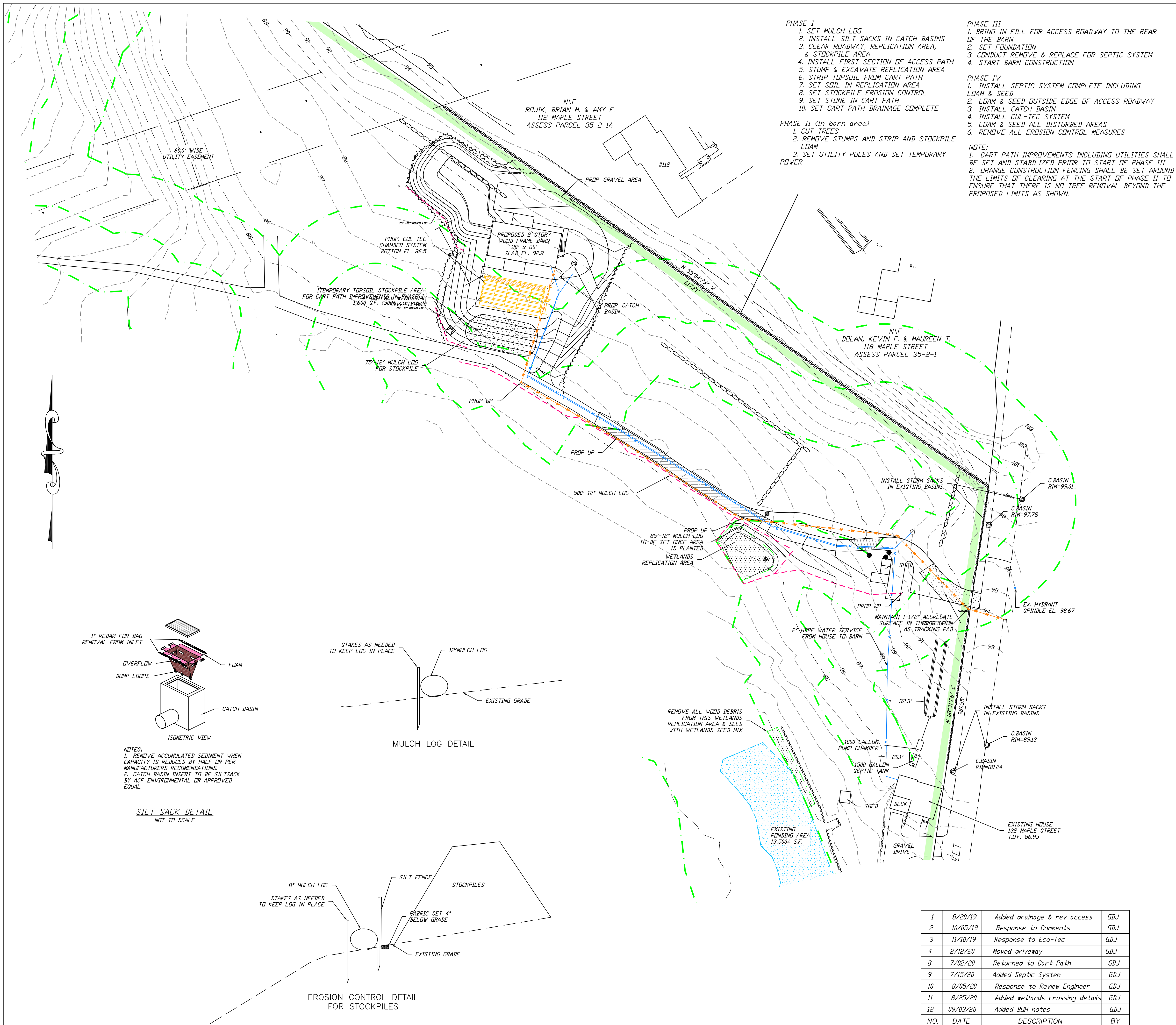
132 MAPLE STREET  
SCITUATE,MA

SCALE: NTS DATE: JULY 10,2020

JAMES ENGINEERING, INC.  
125 GREAT ROCK ROAD  
HANOVER, MASS. 02339  
TEL: 1- (781)-878-1795







OWNER & APPLICANT

JOSEPH & CHRISTINE PANSE  
246 S. COCONUT PALM BLVD.  
TAVERNIER, FL 33070  
DEED REF. BK. 48,905, PG 274

EROSION CONTROL PLAN  
PLAN OF LAND  
at  
132 MAPLE STREET  
SCITUATE, MA

SCALE: 1"=40' DATE: APRIL 23, 2019

JAMES ENGINEERING, INC.  
125 GREAT ROCK ROAD  
HANOVER, MASS. 02339  
TEL: 1- (781)-878-1795

40' 0 40' 80' 120'  
SCALE IN FEET

1	8/20/19	Added drainage & rev access	GDJ
2	10/05/19	Response to Comments	GDJ
3	11/10/19	Response to Eco-Tec	GDJ
4	2/12/20	Moved driveway	GDJ
8	7/02/20	Returned to Cart Path	GDJ
9	7/15/20	Added Septic System	GDJ
10	8/05/20	Response to Review Engineer	GDJ
11	8/25/20	Added wetlands crossing details	GDJ
12	09/03/20	Added BOH notes	GDJ
NO.	DATE	DESCRIPTION	BY