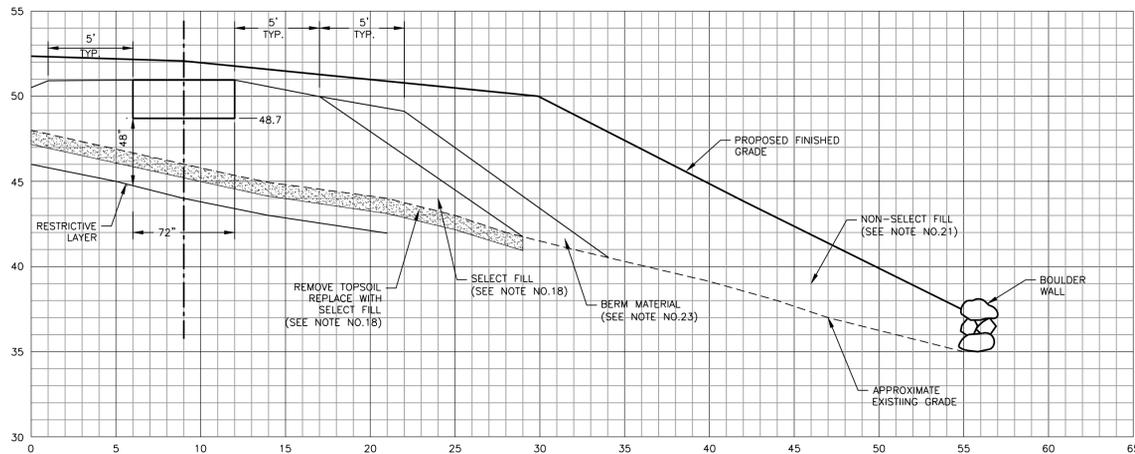
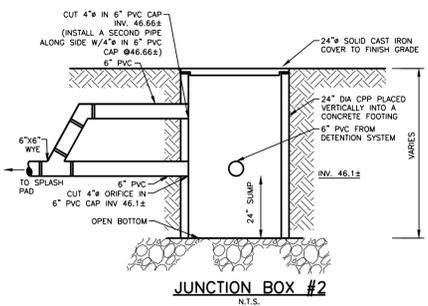


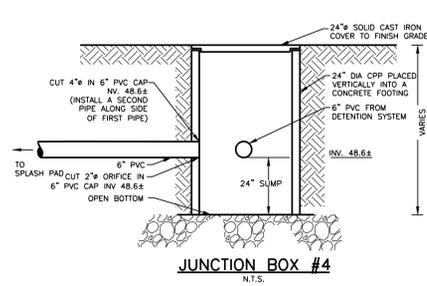
SECTION A-A - LOT #1
SCALE: 1"=5'



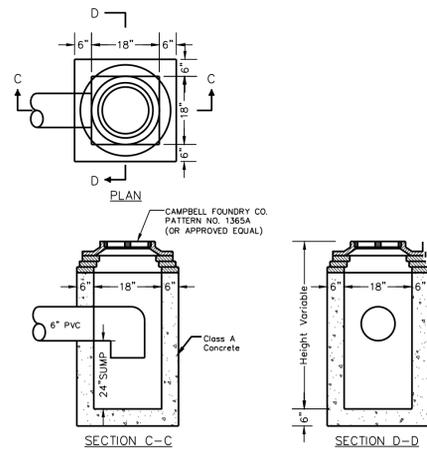
SECTION B-B - LOT #2
SCALE: 1"=5'



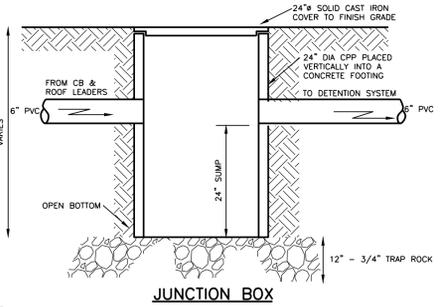
JUNCTION BOX #2
N.T.S.



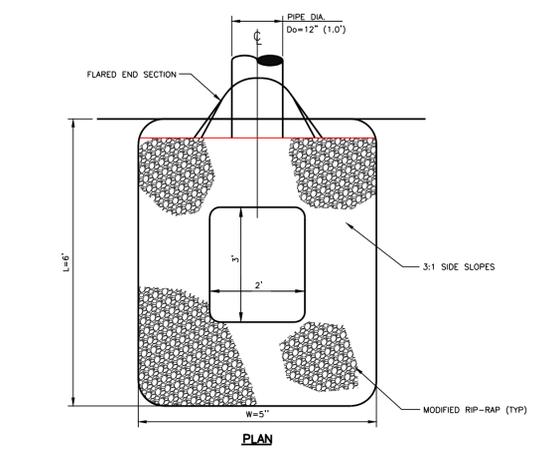
JUNCTION BOX #4
N.T.S.



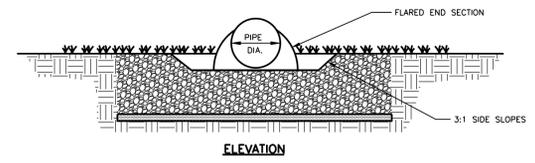
CATCH-BASIN
N.T.S.



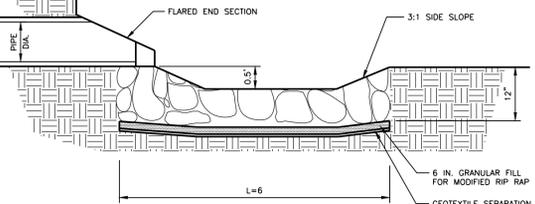
JUNCTION BOX
N.T.S.



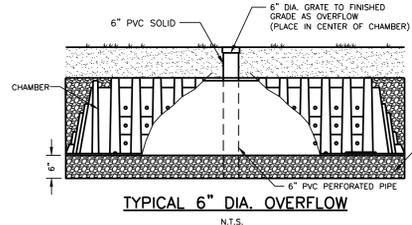
PLAN



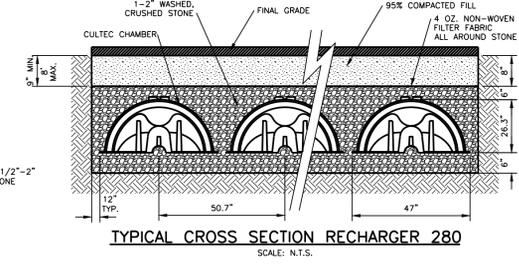
ELEVATION



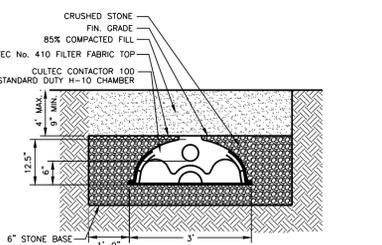
PREFORMED SCOUR HOLE DETAIL
N.T.S.



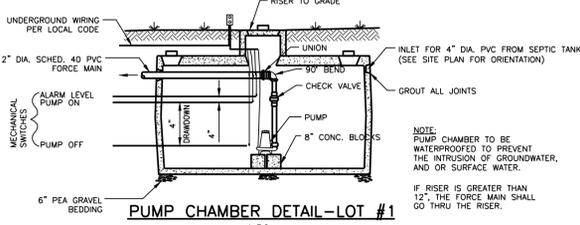
TYPICAL 6" DIA. OVERFLOW
N.T.S.



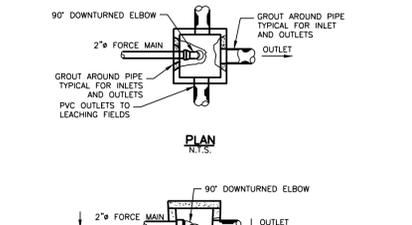
TYPICAL CROSS SECTION RECHARGER 280
SCALE: N.T.S.



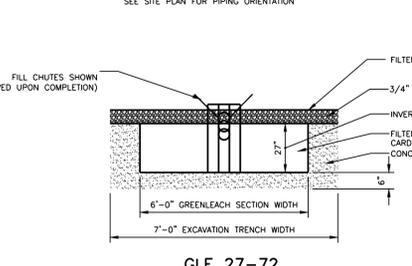
TYPICAL CROSS SECTION CONTACTOR 100 (DRAINAGE)
SCALE: N.T.S.



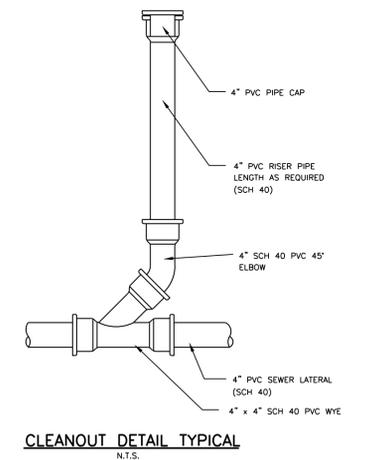
PUMP CHAMBER DETAIL-LOT #1
N.T.S.



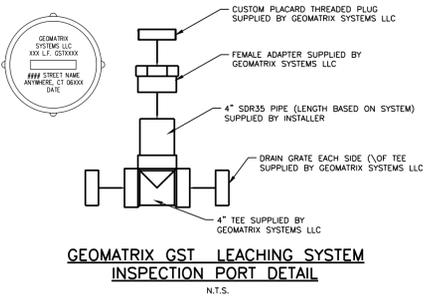
DISTRIBUTION BOX WITH FORCE MAIN
N.T.S.



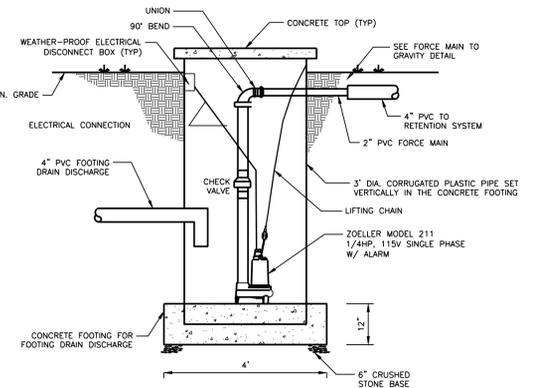
GLF 27-72
N.T.S.



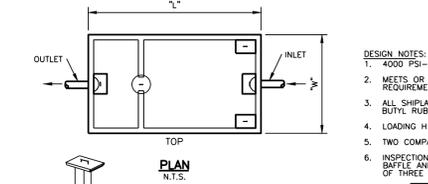
CLEANOUT DETAIL TYPICAL
N.T.S.



GEOMATRIX GST LEACHING SYSTEM INSPECTION PORT DETAIL
N.T.S.



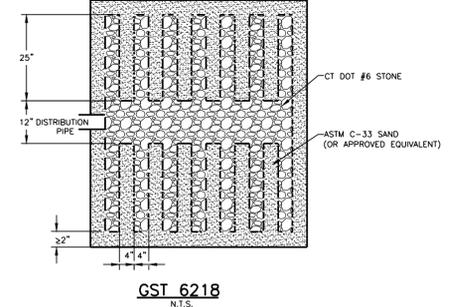
SUMP PUMP DETAIL
SCALE: N.T.S.



SEPTIC TANK DETAIL
N.T.S.

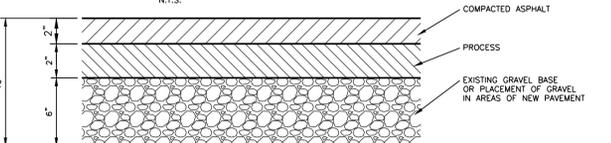
- DESIGN NOTES:
- 4000 PSI-28 DAYS
 - MEETS OR EXCEEDS STATE AND LOCAL REQUIREMENTS.
 - ALL SHIPLAP JOINTS SEALED WITH BUTYL RUBBER.
 - LOADING H10 (OR H20 OPTIONAL)
 - TWO COMPARTMENT TANK.
 - INSPECTION LID HAS CAST IN PVC BIFFLE AND IS TRANSFERABLE TO ANY OF THREE INLETS.

LIQUID CAPACITY	LENGTH	WIDTH	INVERT	HEIGHT
350	7'6"	3'6"	3'8"	4'6"
750	8'6"	4'10"	3'8"	4'6"
900	8'6"	4'10"	4'2"	5'0"
1000	8'6"	4'10"	4'6"	5'4"
1250	10'6"	5'8"	3'8"	4'6"
1500	10'6"	5'8"	4'2"	5'4"
2000	11'11"	6'6"	4'8"	5'8"



GST 6218
N.T.S.

NOTE:
*3" MIN. I.D., ASTM D-3034, SDR 35 PIPE FOR GRAVITY APPLICATIONS
0.75" MIN. I.D., ASTM D-2665, SCH 40 PVC PIPE FOR PRESSURE APPLICATIONS



TYPICAL DRIVEWAY
N.T.S.

NO.	DATE	REV. BY	DESCRIPTION
2	04/01/20	SDI	ADDED DETAILS
1	02/26/20	SDI	FOR SUBMISSION TO EPC HEALTH DEPARTMENT

PROJECT TITLE:
PALLADIAN BUILDERS
49 SUNSWYCK ROAD
DARIEN, CONNECTICUT

Client: **DiVesta**
Civil Engineering Associates, Inc.

51 Painter Ridge Road
Roxbury, Connecticut 06783
Phone 860-354-4226 Fax 860-354-4226
E-mail dceainc@charter.net

DETAILS

STAMP:

DRAWING NO. 20-015	
DRAWN BY: SDI	APPROVED BY: DD
SCALE: AS NOTED	DRAWING DATE: 02/26/20
SHEET NO. 2 OF 3	

IMPORTANT NOTE:
Additional underground utilities may exist Prior to any excavation or construction, Contact:
"CALL BEFORE YOU DIG"
1-800-922-4455

EROSION AND SEDIMENTATION CONTROL NOTES

- ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL AND TOWN OF DARIEN REGULATIONS.
- ALL CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS(S).
- ALL CONTROL MEASURES SHALL BE INSPECTED AND APPROVED BY THE TOWN PRIOR TO COMMENCEMENT OF ANY WORK, INCLUDING PRE-CONSTRUCTION CLEARING AND GRUBBING.
- ALL CONTROL MEASURES SHALL BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- NO CONTROL MEASURES SHALL BE REMOVED WITHOUT APPROVAL FROM THE TOWN.
- ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF DEEMED NECESSARY BY THE TOWN OR ITS AUTHORIZED AGENT.
- THE LIMITS OF CLEARING, GRADING AND DISTURBANCE, AS SHOWN ON THE PLAN(S), SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN TOTALLY UNDISTURBED.
- ALL CONTROL MEASURES RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT IMMEDIATELY REMOVED, AND ALL DAMAGED CONTROL MEASURES SHALL BE REMOVED AND REPLACED.
- ALL CATCH BASINS LOCATED DOWN-GRADE OF THE SITE SHALL BE PROTECTED BY PLACING FILTER FABRIC BENEATH THE GRATE UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- ALL NEW AND EXISTING CATCH BASINS LOCATED ON THE SITE SHALL BE PROTECTED BY STAKED HAYBALES AND BY PLACING FILTER FABRIC BENEATH THE GRATE UNTIL ALL DISTURBED AREAS HAVE BEEN THOROUGHLY STABILIZED.
- ALL SEDIMENT SHALL BE IMMEDIATELY REMOVED FROM NEW AND EXISTING DRAINAGE STRUCTURES AND PIPING IMPACTED BY THE PROPOSED CONSTRUCTION.
- SEDIMENT REMOVED FROM CONTROL MEASURES AND DRAINAGE FACILITIES SHALL BE DISPOSED OF IN A MANNER THAT IS CONSISTENT WITH STATE AND LOCAL REGULATIONS.
- THE PLANTING SEASONS FOR THE SPECIFIED SEED MIXTURE SHALL BE AS DEFINED IN THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, UNLESS DIRECTED OTHERWISE BY THE TOWN. OUTSIDE OF THESE SPECIFIED DATES, AREAS WILL BE STABILIZED WITH HAYBALE CHECK DAMS, FILTER FABRIC, OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE THAT NO DRAINAGE FROM TOWN ROADS ENTERS THE SITE DURING OR AFTER CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF THE CONTRACT. THE CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC ON ADJACENT ROADWAYS.
- TEMPORARY STOCKPILING OF CONSTRUCTION MATERIALS SHALL ONLY BE ALLOWED IN THE LOCATIONS SHOWN ON THE PLAN(S). STOCKPILE AREAS SHALL BE FULLY ENCLOSED BY SILT FENCE.
- ALL GROUNDWATER EXTRACTED DURING DEWATERING OF EXCAVATIONS SHALL BE DIRECTED TO A TEMPORARY SEDIMENTATION BASIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENTATION CONTROL PLAN. THIS INCLUDES THE INSTALLATION AND MAINTENANCE OF ALL CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFYING THE TOWN OF ANY TRANSFER OF THIS RESPONSIBILITY.

DEEP TEST HOLES LOG

DATE 01/13/20

DEEP TEST HOLE #1

0" - 4" TOPSOIL
4" - 34" RED BROWN SILTY SANDY LOAM
LEGE @ 34"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 34"

DEEP TEST HOLE #3

0" - 4" TOPSOIL
6" - 37" RED BROWN SILTY LOAM
LEGE @ 37"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 37"

DEEP TEST HOLE #5

0" - 5" TOPSOIL
5" - 38" RED BROWN SILTY LOAM
LEGE @ 38" (SOUTH SIDE)
NO GROUNDWATER
NO MOTTLING
ROOTS TO 38"

DEEP TEST HOLE #7

0" - 5" TOPSOIL
5" - 38" RED BROWN SILTY LOAM
LEGE @ 38" (SOUTH SIDE)
NO GROUNDWATER
NO MOTTLING
ROOTS TO 38"

DEEP TEST HOLE #9

0" - 5" TOPSOIL
5" - 38" RED BROWN SILTY LOAM
LEGE @ 38" (SOUTH SIDE)
NO GROUNDWATER
NO MOTTLING
ROOTS TO 38"

DEEP TEST HOLE #11

0" - 7" TOPSOIL
7" - 42" RED BROWN SILTY LOAM
LEGE @ 42"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 42"

DEEP TEST HOLE #13

0" - 4" TOPSOIL
4" - 24" RED BROWN SILTY LOAM
LEGE @ 24"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 24"

DEEP TEST HOLE #15

0" - 14" MISC FILL
14" - 37" YELLOW BROWN SILTY LOAM
37" - 48" OLIVE BROWN HARDPAN
NO GROUNDWATER
NO MOTTLING
ROOTS TO 21"

DEEP TEST HOLE #17

0" - 21" MISC FILL
21" - 45" RED BROWN SILTY LOAM
45" - 72" OLIVE BROWN MOTTLED LOAM
NO GROUNDWATER
NO MOTTLING
ROOTS TO 33"

DEEP TEST HOLE #2

0" - 4" TOPSOIL
4" - 10" DARK BROWN SILTY LOAM
10" - 41" RED BROWN SILTY LOAM
LEGE @ 24" (SOUTH END)
LEGE @ 41" (MIDDLE) 15" (NORTH END)
NO GROUNDWATER
NO MOTTLING
ROOTS TO 41"

DEEP TEST HOLE #4

0" - 4" TOPSOIL
4" - 31" RED BROWN SILTY LOAM
LEGE @ 31"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 31"

DEEP TEST HOLE #6

0" - 7" TOPSOIL
7" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 38"

DEEP TEST HOLE #8

0" - 10" TOPSOIL
10" - 45" RED BROWN SILTY LOAM
LEGE @ 45"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 24"

DEEP TEST HOLE #10

0" - 5" TOPSOIL
5" - 40" RED BROWN SILTY LOAM
LEGE @ 40"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 20"

DEEP TEST HOLE #12

0" - 5" TOPSOIL
5" - 40" RED BROWN SILTY LOAM
LEGE @ 40"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 20"

DEEP TEST HOLE #14

0" - 4" TOPSOIL
4" - 24" RED BROWN SILTY LOAM
LEGE @ 24"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 24"

DEEP TEST HOLE #16

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #18

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLES LOG

DATE 01/13/20

DEEP TEST HOLE #19

0" - 6" TOPSOIL
6" - 58" RED BROWN SILTY LOAM
58" - 78" OLIVE BROWN SILTY SANDY LOAM
NO LEGE
NO GROUNDWATER
MOTTLING @ 48"
ROOTS TO 48"

DEEP TEST HOLE #21

0" - 10" TOPSOIL
10" - 67" RED BROWN SILTY LOAM
LEGE @ 67"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 51"

DEEP TEST HOLE #23

LEGE @ 18"
LEGE @ 17"

DEEP TEST HOLE #25

LEGE @ 17"

DEEP TEST HOLE #27

0" - 8" TOPSOIL
8" - 45" RED BROWN SILTY LOAM
LEGE @ 45"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 24"

DEEP TEST HOLE #29

0" - 13" TOPSOIL
13" - 24" RED BROWN SILTY LOAM
LEGE @ 24"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 20"

DEEP TEST HOLE #31

0" - 7" TOPSOIL
7" - 37" RED BROWN SILTY LOAM
ROCK @ 28"
LEGE @ 37"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 28"

DEEP TEST HOLE #33

0" - 5" TOPSOIL
5" - 22" RED BROWN SILTY LOAM
LEGE @ 22"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 20"

DEEP TEST HOLE #35

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #37

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #39

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #41

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #43

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #45

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #47

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #49

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #51

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #53

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #55

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #57

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #59

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #61

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #63

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #65

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #67

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #69

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #71

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #73

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

DEEP TEST HOLE #75

0" - 6" TOPSOIL
6" - 15" RED BROWN SILTY LOAM
LEGE @ 15"
NO GROUNDWATER
NO MOTTLING

TABLE OF INVERTS LOT #1

LOCATION	INVERT ELEVATION (MIN.)
SCH 40 @ HOUSE	50.00 (MIN.)
SEPTIC TANK INLET	49.23
SEPTIC TANK OUTLET	48.98
PUMP CHAMBER INLET	48.48
D-BOX #1 WITH FORCE MAIN INLET	46.43
LATERAL	46.10
GST 6218 INVERT	46.10
GST 6218 BOTTOM	44.60

TABLE OF INVERTS LOT #2

LOCATION	INVERT ELEVATION (MIN.)
SCH 40 @ HOUSE	58.50 (MIN.)
SEPTIC TANK INLET	54.75
SEPTIC TANK OUTLET	54.50
D-BOX #1 WITH FORCE MAIN INLET	51.28
LATERAL	50.95
GLF 27-72 INVERT	50.95
GLF 27-72 BOTTOM	48.70

DEEP TEST HOLES LOG

DATE 01/31/20

DEEP TEST HOLE #100 (GARAGE LOT)

0" - 7" TOPSOIL
7" - 37" RED BROWN SILTY LOAM
ROCK @ 28"
LEGE @ 37"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 28"

DEEP TEST HOLE #102

0" - 5" TOPSOIL
5" - 22" RED BROWN SILTY LOAM
LEGE @ 22"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 20"

DEEP TEST HOLE #104

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #106

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #108

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #110

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #112

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #114

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #116

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #118

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #120

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #122

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #124

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #126

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #128

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #130

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #132

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #134

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #136

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #138

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #140

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

DEEP TEST HOLE #142

0" - 6" TOPSOIL
6" - 38" RED BROWN SILTY LOAM
LEGE @ 38"
NO GROUNDWATER
NO MOTTLING
ROOTS TO 27"

GENERAL NOTES

- LOT LINES AND TOPOGRAPHIC INFORMATION HAVE BEEN TAKEN FROM PLANS PREPARED BY WILLIAM W. SEYMOUR, PC, DARIEN, CT. LISTED ZONING LOCATION & TOPOGRAPHIC SURVEY DATED 1/30/20
- THE PROPERTY LINES ARE TO BE STAKED PRIOR TO CONSTRUCTION OF THE DWELLING OR INSTALLATION OF THE SEPTIC SYSTEM.
- FIELD DATA COLLECTED ON 1/13/20 & 1/31/20 BY DIVESTA CIVIL ENGINEERING ASSOCIATES, INC.
- THERE IS NO APPARENT INTERFERENCE WITH WELLS OR SEPTIC SYSTEMS ON ADJACENT PROPERTIES.
- LOCATION OF EXISTING LEACHING SYSTEM AND RELATED STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS AND SURVEY, AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY.
- THE CONTRACTOR MUST OBTAIN ALL NECESSARY PERMITS FROM THE LOCAL AGENCIES PRIOR TO CONSTRUCTION.
- LOT #1**
BASED ON AN OBSERVED PERCOLATION RATE OF 1" / 10.1-20 MIN. A 4 BEDROOM DWELLING AND A 1250 GALLON TWO COMPARTMENT SEPTIC TANK, 787.5 SQ. FT. OF EFFECTIVE LEACHING AREA MUST BE PROVIDED AS PER THE STATE OF CONNECTICUT HEALTH CODE. INSTALL 57" LINEAR FEET OF GST 6218 PROVIDING 798 SQ. FT. OF EFFECTIVE LEACHING AREA. ENDS OF TRENCH PIPING SHALL BE CAPPED WITH MANUFACTURED CAPS.
- LOT #2**
BASED ON AN OBSERVED PERCOLATION RATE OF 1" / 10.1-20 MIN. A 4 BEDROOM DWELLING AND A 1250 GALLON TWO COMPARTMENT SEPTIC TANK, 787.5 SQ. FT. OF EFFECTIVE LEACHING AREA MUST BE PROVIDED AS PER THE STATE OF CONNECTICUT HEALTH CODE. INSTALL 40 LINEAR FEET OF GLF 27-72 PROVIDING 808 SQ. FT. OF EFFECTIVE LEACHING AREA. ENDS OF TRENCH PIPING SHALL BE CAPPED WITH MANUFACTURED CAPS.
- PROVIDE A 1250 GALLON TWO COMPARTMENT SEPTIC TANK AS MANUFACTURED BY CONNECTICUT PRE-CAST OR EQUAL. THE SEAMS OF THE TANK SHALL BE TARRED OR WATER SEALED PRIOR TO TANK INSTALLATION. INLET AND OUTLET PIPES SHALL ALSO BE SEALED WATERRIGHT. IF 12" OR GREATER OF GRADE EXIST OVER