NOTES:

1. Site Plan based on a topographic survey prepared by Leonard Surveyors, LLC entitled "Plot Plan Prepared For Melody Jones & Siho Ham, 4 Primrose Lane, Westport, Connecticut." Scale: 1" = 30', dated July 19, 2020; last revised July 8, 2024.
2. Owner of Record: Siho Ham & Melody Jones, Vol. 4130 Pg. 320.
3. Gross Parcel Area: 65,826± sq. ft.; 1.511± Acres.
4. Parcel is in Zone AAA.
5. Parcel is shown as Tax Lot 12 on Assessor Map G15.
6. Parcel is served by on-site septic and public water.
7. Parcel is in FIRM Zone X (Un-shaded) on Community Panel Westport, Town of, Number 090019, Panel 0412, Suffix F, Map No. 09001C0412F. Map Effective Date June 18, 2010.
8. Underground utility, structure and facility locations depicted and noted hereon have been compiled, in part, from record mapping supplied by the respective utility companies or governmental agencies, from parol testimony and from other sources. These locations MUST be considered approximate in nature. Additionally, other such features may exist on the site, the existence of which are unknown to Ochman Associates Inc. The size, location and existence of all such features must be field determined and verified by the appropriate authorities prior to construction. CALL BEFORE YOU DIG 1-800-922-4455.

SOIL EROSION AND SEDIMENT CONTROL NOTES

NARRATIVE:

The purpose of the Soil Erosion and Sediment Control Plan details and notes is to outline a program that minimizes soil erosion during the pool construction. THE PRIMARY POLICIES OF THIS PROGRAM ARE:

a) Trapping particles at source by promptly stabilizing disturbed areas;
b) Avoid concentration of water;
c) Avoid contamination of existing storm drains;
d) Maintenance (weekly maintenance and after storm events) of controls to ensure they are functioning properly.

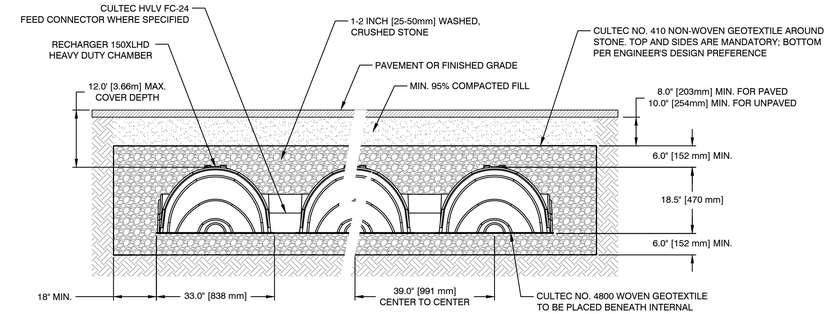
NOTES:

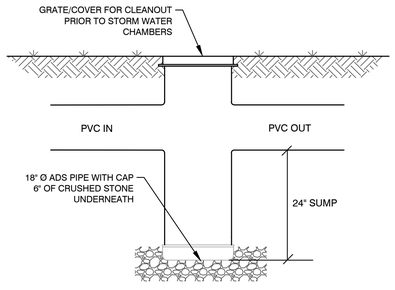
1. This drawing is intended to describe the soil erosion and sediment control plan for the pool construction. For other details with respect to construction, see appropriate drawings.
2. All soil erosion and sediment controls shall be done in conformance with the 2002 Connecticut "Guidelines for Soil Erosion and Sediment Control", DEP Bulletin #34, prepared by the Connecticut Council on Soil and Water Conservation.
3. The contractor is assigned the responsibility for implementing this soil erosion and sediment control plan. This responsibility includes the installation and maintenance of control measures, informing all parties engaged on the construction site of the requirements and objectives of the plan, notifying the Planning and Zoning Office of any transfer of this responsibility.
4. Temporary sediment control measures must be installed in accordance with drawings and manufacturer recommendations prior to work.
5. No construction or construction equipment or storage of materials will be allowed on the downhill side of the silt fence or within fenced off areas, except during construction of proposed facilities shown beyond the fences.
6. Tracking pads shall be installed at start of construction and maintained in an effective condition throughout the duration of construction. Pad consist of CT DOT #3 stone, 6" minimum thickness and extend the width of the construction access. The length of the access shall be sufficient to prevent dirt from being tracked onto off site roads (minimum length of 30').
7. The location of the proposed stockpile is shown on the drawing or the excess material is to be removed during construction. Silt fence will be placed at the base of the stockpile to prevent sediment from leaving the site and to protect storm drains, wetlands and watercourses.
8. Silt fence shall be Mirafi envirofence, Amoco siltstop or equivalent as approved by the site engineer. Filter fabric used shall be Mirafi 100x or equivalent. Install silt fence according to manufacturers instruction, particularly, bury lower edge of fabric into ground (see detail).
9. Any excavations that must be dewatered will be pumped into an active drainage system or dispersed in an undisturbed field area. The inlets of all pumps are to be floated a minimum of 24 inches off the bottom of the excavation and pumped into a dirtbag.
10. Land disturbance shall be kept to a minimum. All disturbed area shall be planted in where permanent plantings are called for as soon as possible. Where permanent plantings are not called for, disturbed area should be seeded with grass seed and mulched as soon as practicable. Prepare seedbed (4" thick minimum) with topsoil. Seed, rake, roll, water and mulch areas according to mixes below. Water as often as necessary (up to 3 times per day) to establish cover. Mulch seeded areas at 1 to 2 tons/acre with salt hay. Maintain mulch and watering until grass is 3" high with 85% cover.

TEMPORARY SEED MIX:		PERMANENT SEED MIX:	
Perennial ryegrass	40 lbs/acre	Kentucky Bluegrass	20 lbs/acre
1 lb/1000 sq. ft.		Creeping Red Fescue	20 lbs/acre
		Perennial ryegrass	5 lbs/acre
TOTAL 45 lbs/acre	1lb/1000 sq. ft		

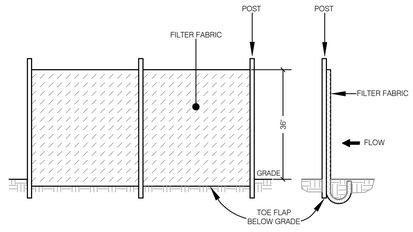
Optimum Seeding Dates: April 15 - June 15; August 15 - October 1

11. If disturbed areas cannot be seeded immediately due to the time of year, mulch area until seeding can occur; remove mulch and seed and re-mulch as the season permits.
12. Loaded trucks shall be covered as required to keep down dust.
13. Affected portions of off site roads and sidewalks must be swept clean when required to keep down dust and prevent safety hazards or at least once a week during construction.
14. Dust control to be achieved with watering down disturbed areas as required.
15. After each storm event or once weekly, all soil erosion and sediment controls will be inspected. Any corrective actions to mitigate environmental concerns will be ordered by the site engineer or environmental engineer.
16. Additional soil erosion and sediment control measures may be installed during the construction period if found necessary by the inspecting engineer or any Governing agency.
17. All permanent and temporary sediment control devices will be maintained in effective condition throughout the construction period until upland disturbed areas are thoroughly stabilized. Upon completion of work and stabilization of upland areas, all temporary sediment control devices and tree protection should be removed from the site and any silt disposed of properly.

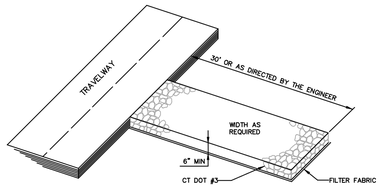




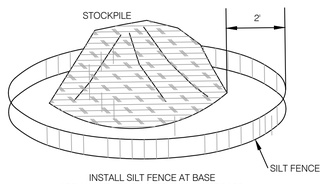
CLEANOUT WITH SUMP
NTS



GEOTEXTILE SILT FENCE
NOT TO SCALE

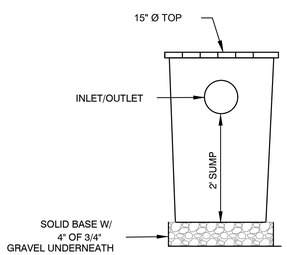


CONSTRUCTION ENTRANCE
ANTI TRACKING PAD DETAIL
(NTS)



INSTALL SILT FENCE AT BASE
APPLY MIXTURE OF PERRENIAL RYEGRASS,
ANNUAL RYEGRASS AND WINTER RYE AT A
RATE OF 10# PER 1000 SQ. FT.

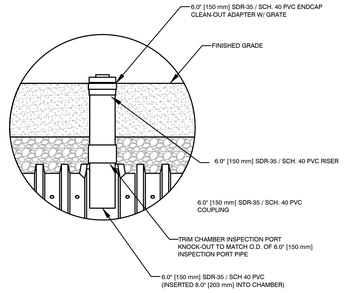
STOCKPILE STABILIZATION
NTS



15" Ø NDS AREA DRAIN
OR EQIVALENT
(NTS)

AREA DRAIN CHART
(ALL PIPE TO BE 4" SDR 35 TIGHT PIPE)
(GRADE TOWARDS AREA DRAINS)

AD #	TOP OF FRAME	INVERT OUT	HLO INVERT
1	209.8	209.0	-----
2	209.8	208.6	-----



DEEP TEST PITS & PERCOLATION TESTS

4 Primrose Lane, Westport

Performed By Force Engineering & Construction , LLC on July 2, 2020

DTH-1

0 - 9"	Top Soil
9" - 57"	Tan/Brown Sand, Some Silt
57" - 81"	Brown Sand, Some Gravel
Roots	57"
Mottling	No
Water	No
Ledge	No
Restrictive	81" (Bottom of DTH)

DTH-2

0 - 12"	Top Soil
12" - 53"	Orange/Brown Sand, Trace Silt
53" - 71"	Tan Fine Sand
Roots	48"
Mottling	No
Water	No
Ledge	No
Restrictive	71" (Bottom of DTH)

DTH-3

0 - 6"	Top Soil
6" - 23"	Light Brown Silt
23" - 41"	Brown Sand, Some Silt
41" - 68"	Dark Brown Sand, Trace Silt
Roots	39"
Mottling	No
Water	No
Ledge	No
Restrictive	68" (Bottom of DTH)

DTH-4

0 - 6"	Top Soil
6" - 43"	Brown Sand and Silt
Roots	No
Mottling	No
Water	No
Ledge	No
Restrictive	43" (Bottom of DTH)

DTH-5

0 - 13"	Top Soil
13" - 35"	Brown Loam
35" - 46"	Brown Silt, Broken Rock
Roots	No
Mottling	No
Water	No
Ledge	No
Restrictive	46" (Bottom of DTH)

PT-1
Hole Depth: 20"
Pre-Soak @ 7:48

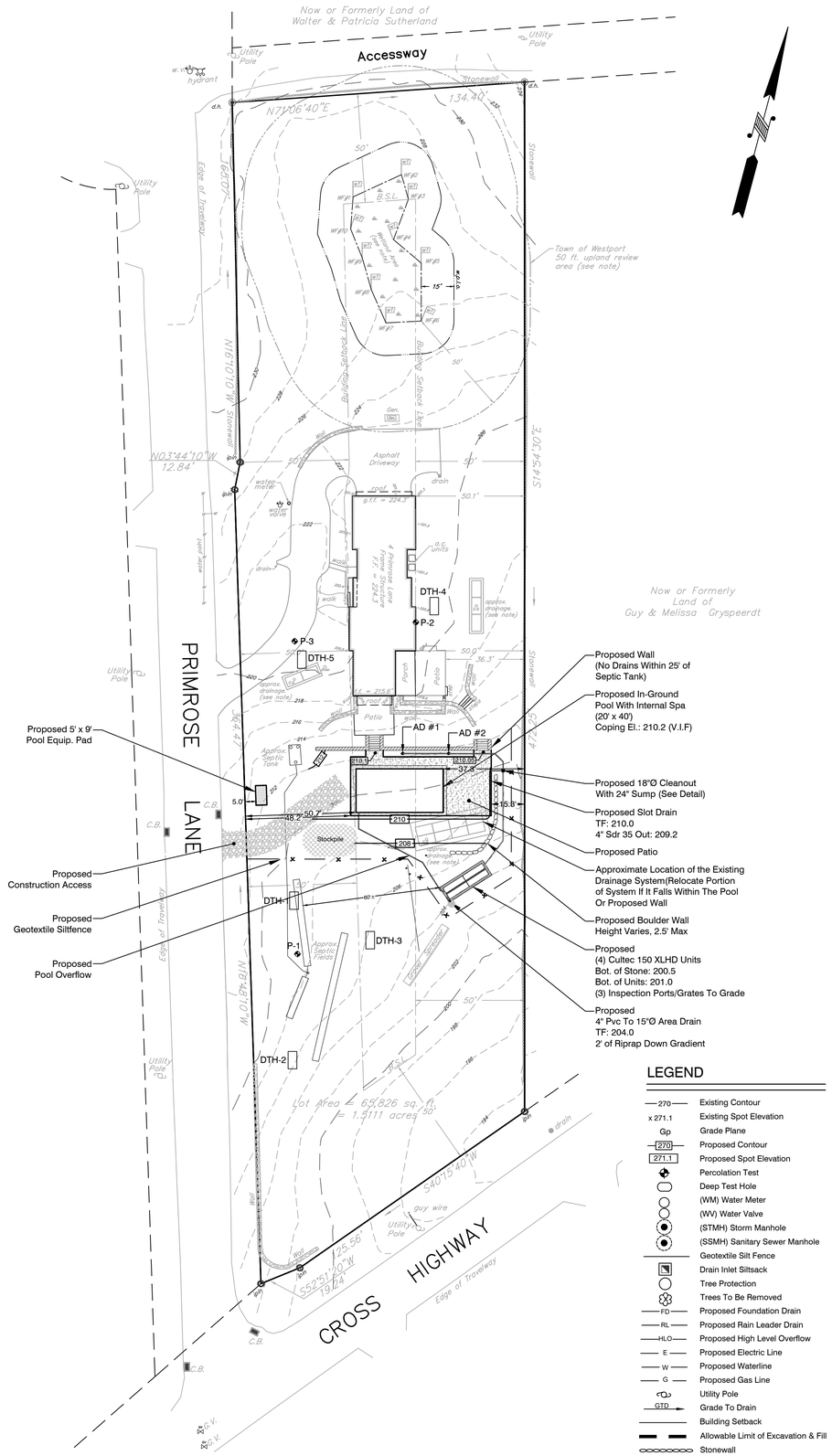
TIME	READING (IN.)	RATE (MIN./IN.)
10:00	8.0	-
10:05	8.5	10.0
10:10	9.5	5.0
10:15	10.0	10.0
10:20	10.5	10.0
10:25	11.0	10.0
10:30	11.5	10.0
10:35	12.0	10.0
10:40	12.5	10.0
10:45	13.0	10.0
10:50	13.5	10.0

PT-2
Hole Depth: 18"
Pre-Soak @ 9:22

TIME	READING (IN.)	RATE (MIN./IN.)
10:22	5.25	-
10:33	5.5	44.0
10:47	6.0	28.0
11:02	6.5	30.0
11:17	6.75	60.0
11:32	7.0	60.0

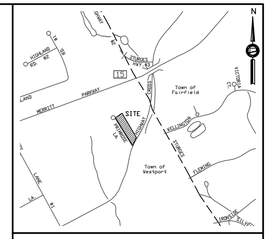
PT-3
Hole Depth: 18"
Pre-Soak @ 9:12

TIME	READING (IN.)	RATE (MIN./IN.)
10:17	5.75	-
10:31	6.0	56.0
10:46	6.5	30.0
11:01	6.75	60.0
11:16	7.0	60.0
11:31	7.25	60.0



LEGEND

- 270 — Existing Contour
- x 271.1 — Existing Spot Elevation
- Gp — Grade Plane
- 270 — Proposed Contour
- 271.1 — Proposed Spot Elevation
- Percolation Test
- Deep Test Hole
- (WM) Water Meter
- (WV) Water Valve
- (STMH) Storm Manhole
- (SSMH) Sanitary Sewer Manhole
- Geotextile Silt Fence
- Drain Inlet Siltsack
- Tree Protection
- Trees To Be Removed
- FD — Proposed Foundation Drain
- RL — Proposed Rain Leader Drain
- HLO — Proposed High Level Overflow
- E — Proposed Electric Line
- W — Proposed Waterline
- G — Proposed Gas Line
- Utility Pole
- GTD — Grade To Drain
- Building Setback
- Allowable Limit of Excavation & Fill
- Stonewall



ORIENTATION SCALE: 1" = 1200'

OCHMAN ASSOCIATES, INC.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 76
EASTON, CONNECTICUT 06612
PHONE (203) 268-9194

NO.	DATE	REVISION
1.		

SITE DEVELOPMENT PLAN
PROPOSED POOL

- PREPARED FOR -

SIHO HAM
& MELODY JONES

#4 PRIMROSE LANE
WESTPORT, CONNECTICUT
ASSESSOR MAP G15 • LOT 12

AUGUST 28, 2024

SHEET 1 OF 1

COMMENCE: August 2024	FB: - PG. -
DRAWN BY: MVB	PROJECT NO.: 2024
CHECKED BY: MAO	DWG NO.: 24-

SCALE:
0 30 60 90
SCALE: 1" = 30'

STATE OF CONNECTICUT
MARK ALAN OCHMAN
No. 24913
LICENSED PROFESSIONAL ENGINEER

MARK A. OCHMAN, PE LS CT LICENSE #24913
Not Valid Without A Live Signature & Embossed Seal