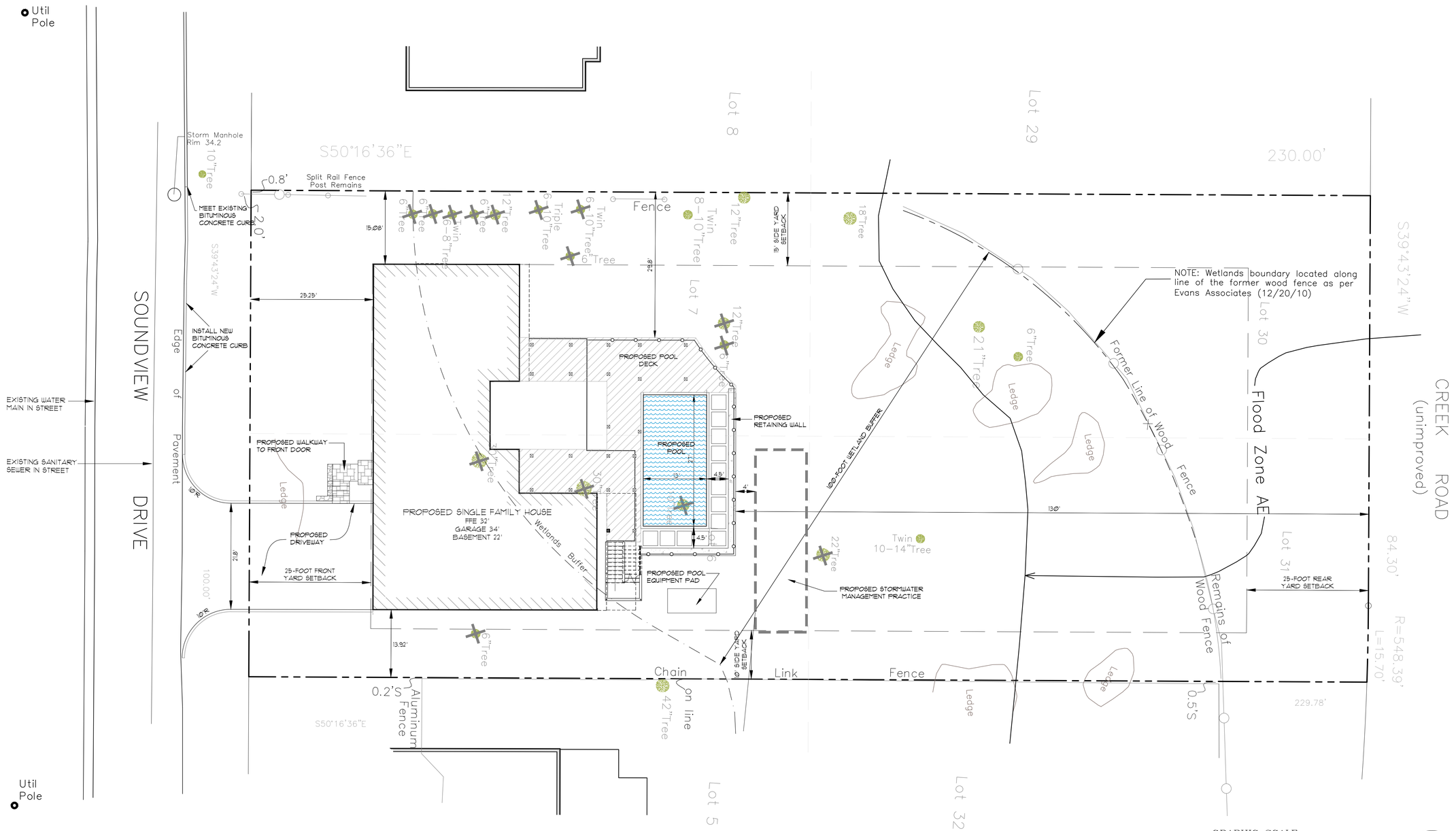
TABLE OF LAND USE/BULK REGULATIONS

ZONING DATA: SECTION: 154.60 BLOCK: 1 LOT: 21 ZONE DISTRICT: R-10

	REQUIRED OR ALLOWED	PROPOSED OR EXISTING	REMARKS
LOT AREA	10,000 SF MIN.	22,998.8 SF	INFORMATION FROM PROJECT SURVEY
FRONTAGE	100' MIN.	100 FEET	INFORMATION FROM PROJECT SURVEY
LOT WIDTH	100' MIN.	100 FEET	INFORMATION FROM PROJECT SURVEY
LOT DEPTH	100' MIN.	230 FEET	INFORMATION FROM PROJECT SURVEY
FRONT YARD SETBACK	25'	25.25'	MEASURED ON PLAN
SIDE YARD	LESSER SIDE 10' MIN. 25' COMBINED	LESSER SIDE 13.92' 29' COMBINED	MEASURED ON PLAN
REAR YARD SETBACK	30' MIN.	130' (TO POOL DECK)	MEASURED ON PLAN
BUILDING HEIGHT	35' MAX, 2-1/2 STORIES	< 25 FEET	
BUILDING COVERAGE	35% MAX.	10.5%	MEASURED ON PLAN
POOL COVERAGE IN REAR YARD	40% MAX. OF REAR YD.	2.5% OF REAR YARD	MEASURED ON PLAN



GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

North

LEGEND

- PROPERTY LINE
- SETBACK LINE
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- WETLAND LINE
- WETLAND BUFFER LINE

Civil engineer:

Alan L. Pilch
ALP Engineering & Landscape Architecture, PLLC
P.O. Box 843, Ridgefield, CT 06877
162 Falls Road, Bethany, CT 06524
P.E. #50167
C. of A. #0016331
Tel: (475) 215-5343

CONSULTANTS:

PROJECT ARCHITECT:

Jaclyn Tyler, AIA
Nexus Creative Design
Architecture Planning & Design
100 White Plains Road
Tarrytown, NY, 10591

Tel: (914) 740 - 4774 | (914) 204 - 6404

ISSUED:

Rev. as per comment from Village and consultants	12/29/2021
Rev. as per sheet C-102	05/27/2022
Re-submission to Planning Board	09/19/2022
Rev. as per HCZM and Village consulting Engineer comments	10/24/2022
Rev. as per HCZM and Village consulting Engineer comments	11/15/2022
Rev. as per HCZM and Village consulting Engineer comments	11/28/2022
Rev. as per HCZM and Village consulting Engineer comments	12/14/2022
Rev. as per Planning Board and Village consulting Engineer	01/16/2023

SEAL:

STATE OF NEW YORK ALAN L. PILCH No. 050187 LICENSED PROFESSIONAL ENGINEER

PROJECT NAME:
D'ARCANGELO PROPERTY
921 Soundview Drive
Village of Mamaroneck, New York

ENGINEER & LANDSCAPE ARCHITECT:
ALP ENGINEERING & LANDSCAPE ARCHITECTURE, PLLC
P.O. Box 843 Ridgefield, CT 06877
Direct Tel. (475) 215-5343 Cell (203) 710-0587

Drawing Title:
Site Layout Plan

Date: October 18, 2021
Dwn. by: alp
ID: 921 Soundview_Site_01-17-2023

C-101

PLAN NOTES

1. The applicant shall provide an As-Built Plan of the stormwater management system (for all stormwater features including, but not limited to, locations of stormwater infrastructure, invert/rim elevations, pipe locations and sizes, final grading, etc.) certified by the Engineer of Record, prior to the issuance of the Certificate of Occupancy. The As-Built Plan shall also include the final maintenance schedule for the stormwater management features.

STORMWATER PRACTICE (CULTEC C-4HD CHAMBERS)

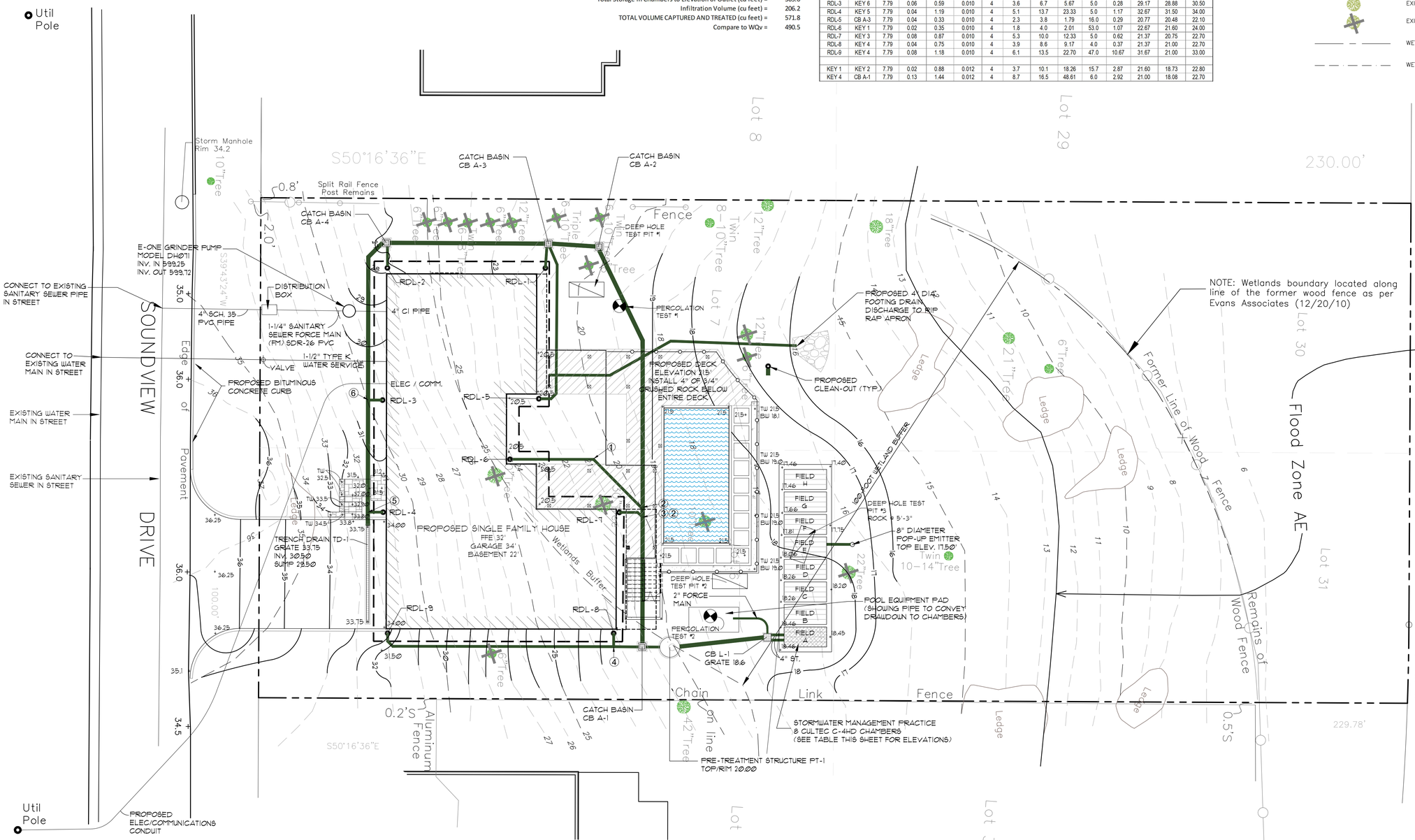
Chamber Field Designation	FIELD A	FIELD B	FIELD C	FIELD D	FIELD E	FIELD F	FIELD G	FIELD H
Existing Grade at Field Designation	17.60	17.50	17.50	17.30	17.20	17.00	16.80	16.70
Rock Elevation at Field	12.35	12.25	12.25	12.05	11.95	11.75	11.55	11.45
Invert of Stone below Chambers	**16.10**	**16.00**	**16.00**	**15.75**	**15.75**	**15.50**	**15.25**	**15.25**
Bottom of Chambers	16.60	16.50	16.50	16.25	16.25	16.00	15.75	15.75
Top of Chambers	17.31	17.21	17.21	16.96	16.96	16.71	16.46	16.46
Top of Stone	17.81	17.71	17.71	17.46	17.46	17.21	16.96	16.96
Finished Grade	18.56	18.46	18.46	18.21	18.21	17.96	17.71	17.71

Height of Stone below Chambers to Outlet (in feet)	1.15	1.25	1.25	1.50	1.50	1.75	2.00	2.00
Height of Stone below Chambers to Outlet (in inches)	13.80	15.00	15.00	18.00	18.00	21.00	24.00	24.00
Storage Volume in Chambers at Outlet (c.f.)	38	40	40	45	47.5	51.7	51.7	51.7

Total Storage in Chambers to Elevation of Outlet (cu feet) =	365.6
Infiltration Volume (cu feet) =	206.2
TOTAL VOLUME CAPTURED AND TREATED (cu feet) =	571.8
Compare to WQv =	490.5

STORM PIPE TABLE

STRUCTURE Upper	STRUCTURE Lower	"i"	Q - FLOW (CFS) Design q	Q - FLOW (CFS) Capacity Q	PIPE PARAMETERS Manning's "n"	Size (in.)	Actual Vel fls	Velocity Full fls	Slope %	Length (ft)	Fall (ft)	Invert Upper	Invert Lower	Top/Rim Elev.
TD-1	KEY 5	7.79	0.08	5.75	0.012	8	5.2	16.5	19.33	3.0	0.58	32.08	31.50	33.75
KEY 5	KEY 6	7.79	0.12	4.51	0.012	8	4.8	12.9	11.89	22.0	2.62	31.50	28.88	32.00
KEY 6	CB A-4	7.79	0.18	4.24	0.012	8	4.6	12.1	10.49	41.0	4.30	28.88	24.58	30.90
CB A-4	CB A-3	7.79	0.38	5.12	0.012	8	6.6	14.7	15.32	31.0	4.75	24.58	19.83	26.50
CB A-3	CB A-2	7.79	0.49	3.13	0.012	8	6.1	9.0	5.72	10.2	0.58	19.83	19.25	22.75
CB A-2	KEY 2	7.79	0.49	1.64	0.012	8	4.0	4.7	1.57	54.0	0.85	19.25	18.40	20.60
KEY 2	KEY 3	7.79	0.49	2.93	0.012	8	5.7	8.4	5.00	2.0	0.10	18.40	18.30	20.00
KEY 3	CB A-1	7.79	0.57	1.91	0.012	8	4.5	5.5	2.13	25.8	0.55	18.30	17.75	20.00
CB A-1	PTF PT-1	7.79	0.57	3.13	0.012	8	6.4	9.0	5.71	3.5	0.20	17.75	17.55	21.10
PTF PT-1	CB L-1	7.79	0.57	1.71	0.012	8	4.2	4.9	1.70	17.6	0.30	17.30	17.00	20.00
CB L-1	Chambers	7.79	0.57	3.11	0.012	8	6.4	8.9	5.67	3.0	0.17	17.00	16.83	18.60
RDL-1	CB A-3	7.79	0.04	1.39	0.010	4	6.0	16.0	31.67	5.0	1.58	21.17	19.58	22.50
RDL-2	CB A-4	7.79	0.04	1.24	0.010	4	5.3	14.2	25.00	5.0	1.25	26.17	24.92	27.50
RDL-3	KEY 6	7.79	0.06	0.59	0.010	4	3.6	6.7	5.67	5.0	0.28	29.17	28.88	30.50
RDL-4	KEY 5	7.79	0.04	1.19	0.010	4	5.1	13.7	23.33	5.0	1.17	32.67	31.50	34.00
RDL-5	CB A-3	7.79	0.04	0.33	0.010	4	2.3	3.8	1.79	16.0	0.29	20.77	20.48	22.10
RDL-6	KEY 1	7.79	0.02	0.35	0.010	4	1.8	4.0	2.01	53.0	1.07	22.67	21.60	24.00
RDL-7	KEY 3	7.79	0.08	0.87	0.010	4	5.3	10.0	12.33	5.0	0.62	21.37	20.75	22.70
RDL-8	KEY 4	7.79	0.04	0.75	0.010	4	3.9	8.6	9.17	4.0	0.37	21.37	21.00	22.70
RDL-9	KEY 4	7.79	0.08	1.18	0.010	4	6.1	13.5	22.70	47.0	10.67	31.67	21.00	33.00
KEY 1	KEY 2	7.79	0.02	0.88	0.012	4	3.7	10.1	18.26	15.7	2.87	21.60	18.73	22.80
KEY 4	CB A-1	7.79	0.13	1.44	0.012	4	8.7	16.5	48.61	6.0	2.92	21.00	18.08	22.70



GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

North

LEGEND

- PROPERTY LINE
- EXISTING TOPOGRAPHY
- 28 — PROPOSED SPOT ELEVATION
- 28 — PROPOSED CONTOUR
- PROPOSED CATCH BASIN
- PROPOSED STORM PIPE
- (2) PROPOSED STORM KEY NODE
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- WETLAND LINE
- WETLAND BUFFER LINE

Civil engineer:

Alan L. Pilch
ALP Engineering & Landscape Architecture, PLLC
P.O. Box 843, Ridgefield, CT 06877
162 Falls Road, Bethany, CT 06524
P.E. #30167
C. of A. #0016331
Tel: (475) 215-5343

CONSULTANTS:

PROJECT ARCHITECT:

Jaclyn Tyler, AIA
Nexus Creative Design
Architecture Planning & Design
100 White Plains Road
Tarrytown, NY 10591

Tel: (914) 740 - 4774 | (914) 204 - 6404

ISSUED:

Rev. as per comment from Village and consultants	12/29/2021
Rev. as per results of deep hole and percolation testing	05/27/2022
Re-submission to Planning Board	09/19/2022
Rev. as per HCZM and Village consulting Engineer comments	10/24/2022
Rev. as per HCZM and Village consulting Engineer comments	11/15/2022
Rev. as per HCZM and Village consulting Engineer comments	11/28/2022
Rev. as per HCZM and Village consulting Engineer comments	12/14/2022
Rev. as per Plng Bd and Village consulting Engineer comments	01/16/2023

SEAL:

STATE OF NEW YORK ALAN L. PILCH No. 030187 LICENSED PROFESSIONAL ENGINEER

PROJECT NAME:
D'ARCANGELO PROPERTY
921 Soundview Drive
Village of Mamaroneck, New York

ENGINEER & LANDSCAPE ARCHITECT:
ALP ENGINEERING
& LANDSCAPE ARCHITECTURE, PLLC
P.O. Box 843 Ridgefield, CT 06877
Direct Tel. (475) 215-5343 Cell (203) 710-0587

Drawing Title:
Grading and Utilities Plan

Date: October 18, 2021

Dwn. by: alp

ID: 921 Soundview_Site_01-17-2023

C-102

CONSTRUCTION SEQUENCE NARRATIVE

All erosion and sedimentation control measures and procedures shall comply with the New York State Department of Environmental Conservation publication Standards and Specifications for Erosion and Sediment Control, latest edition. Erosion control measures shall be installed prior to the start of construction and maintained in effective condition throughout the construction period.

Land disturbance shall be kept to a minimum. Restabilization shall be scheduled as soon as practicable.

Notify all appropriate authorities (i.e., Village of Mamaroneck Building Department - Telephone: 914-777-7731 and the Engineering Department - Telephone 914-777-7787) at least 48 hours prior to the commencement of site work.

Verify all existing underground and overhead utilities prior to any construction activity by calling Dig Safely New York (dial 811 or on the internet at http://www.digsafelyny.com/) and conducting one's own due diligence.

All erosion control measures shall be installed prior to any construction activity, and periodically monitored throughout all phases of construction for proper function and structural integrity. Perform maintenance and repairs as necessary.

The construction sequence is as follows:

1) Identify Disturbance Limits - Identify the limits of the areas to be disturbed within the property in accordance with the drawings. The limits of disturbance may be referenced on drawing C-103.

2) Install Construction Fence/Tree Protection Fence where indicated on the plans to protect existing trees to remain and prevent compaction of soils. Take care to ensure that for trees to remain, the roots below the drip line are not compacted.

3) Install the Erosion and Sediment Control Measures - In accordance with the plans, install:
   - Silt fence in the locations shown on the drawings and installed as per the instructions of the manufacturer and as shown on the construction details.
   - Construction materials storage area shall be set up where indicated on the drawings. The construction materials storage area shall be encompassed with a construction fence as a containment.
   - Construction Fencing and Tree Protection - where indicated on the plans.

   Silt fence is to be installed along perimeter of construction area as shown on the drawings. Silt fence shall be installed, in general, parallel to the contour. Where one length of silt fence ends and another begins, provide a minimum 10 foot overlap. Additional silt fence may be placed in the field at the discretion of representatives of the approving authorities. Silt fence shall be maintained in operable condition and shall not be removed until disturbed areas are thoroughly stabilized.

4) Building Materials - for the new house and pool to be constructed, the building materials shall be temporarily stored in the Construction Materials storage area depicted on the plans.

5) Footing, Foundation and Building Pad Preparation - Following the installation of the soil erosion and sediment controls measures and demolition, prepare the building pad area for the construction of the new house. Stockpile soil and soil/rock removed during excavation and protect the stockpile in the location(s) shown on the drawings and in accordance with the detail. Fence in an area for trash and waste to prevent it from being blown and washed to neighboring properties, into Otter Creek or to the street (see drawing C-103).

6) House and Pool Construction - Construct the house, pool, pool deck and all other site improvements in accordance with the architect's plans.

7) Install Stormwater Management and Drainage Facilities - Storm drainage systems are installed from the lowest to highest elevations.

   Construct the stormwater management facility to consist of the subsurface chamber practices Install the chambers in accordance with the construction details. **The chambers must be inspected by the project engineer prior to stone backfill.** Install the catch basins, pre-treatment facilities and trench drain. Set the storm drainage pipes at the elevations specified on the plans at each structure. Connect the house roof drain leaders to the structures and/or storm drainage pipes specified on drawing C-102.

Do not permit runoff to enter the subsurface chambers until such time as the ground surface that drains to them have achieved final stabilization.

8) Prepare the Disturbed Area for Final Stabilization and Planting - Clean up all residual site debris and litter and prepare all disturbed areas not to be hard surfaced for topsoiling and seeding and/or planting. All disturbed areas are to be seeded with the permanent grass seed mix noted in the specifications.

9) Restore the permeability of the soil by following the Soil Restoration steps in accordance with the New York State Stormwater Management Design Manual, as follows:
   - Apply 3 inches of compost over subsoil.
   - Till compost into subsoil to a depth of at least 12 inches using a cat-mounted ripper, tractor-mounted disc, or tiller, mixing, and circulating air and compost into subsoils.
   - Rock-pick until uplifted stone/rock materials of four inches and larger size are cleaned off the site.
   - Apply topsoil to a depth of 6 inches.
   - Vegetate as required by approved plan.
   - Provide straw mulch cover over seeded areas.

10) Driveway Installation - Remove the soil and stabilized construction entrance for the driveway. Install the subbase and bituminous pavement courses to the elevations specified on the plans.

11) Remove the erosion control measures only after full vegetative stabilization occurs on the site.

EROSION AND SEDIMENT CONTROL MAINTENANCE SCHEDULE

Silt Fence: Maintenance shall be performed as needed and material removed when bulges develop in the silt fence. Inspection for physical damage to the silt fence material shall be made during the weekly inspection. If filter fabric shows signs of decomposing or is damaged, it shall be repaired immediately. Typically, this entails installing a new line of silt fence adjacent to the damaged line.

Tree Protection: Check on at least a weekly basis that the construction fence and/or tree protection has not been damaged by construction activities.

Soil Stockpiling: Perimeter sediment controls around each stockpile is to consist of silt fence installed in accordance with the standards delineated above. The silt fence shall be maintained as noted above. Stockpiles and fill area shall be inspected at least weekly for signs of erosion or problems with plant establishment.

Temporary Seeding

When to Apply - Temporary seeding may be necessary on construction sites to protect an area, or section, where final grading is complete, when preparing for winter work shutdown, or to provide cover when permanent seedings are likely to fail due to mid-summer heat and drought. The intent is to provide temporary protective cover during temporary shutdown of construction and/or while waiting for optimal planting time.

Water management practices must be installed as appropriate for site conditions. The area must be rough graded and slopes physically stable. Large debris and rocks are usually removed. Seedbed must be seeded within 24 hours of disturbance or scarification of the soil surface will be necessary prior to seeding. Fertilizer and lime are not typically used for temporary seedings.

If it is spring, summer or early fall, then seed the area with ryegrass (annual or perennial) at 30 lb per acre (Approximately 0.7 lb/1000 sq. ft. or use 1 lb/1000 sq. ft.).

If is late fall or early winter, then seed with Certified 'Aroostook' winter rye (cereal rye) at 100 lb per acre (2.5 lb/1000 sq. ft.).

Any seeding method may be used that will provide uniform application of seed to the area and result in relatively good soil to seed contact.

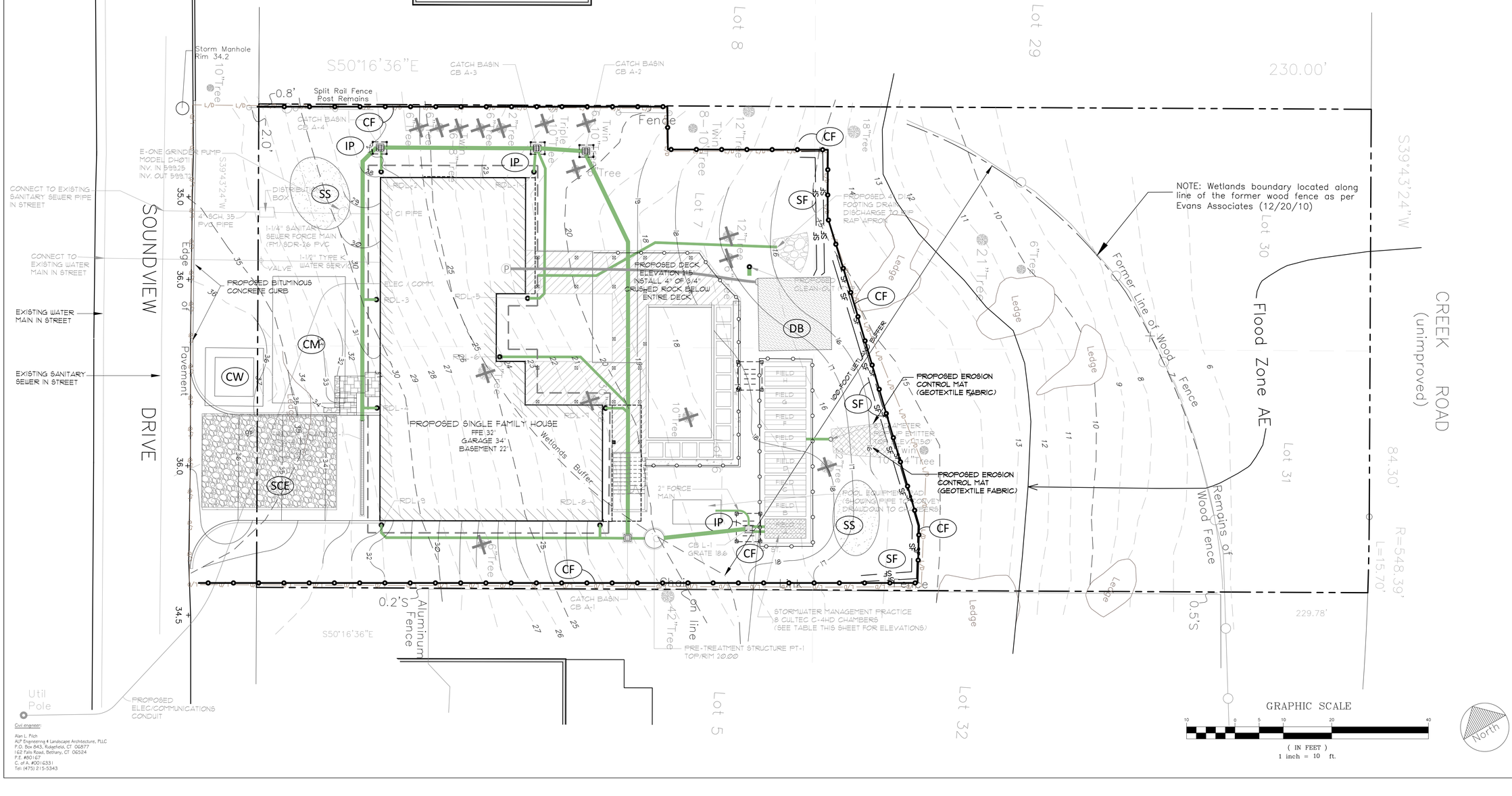
Mulch the seeded area with hay or straw at 2 tons/acre (approx. 90 lb/1000 sq. ft. or 2 bales). Quality of hay or straw mulch allowable will be determined based on long term use and visual concerns. Mulch anchoring will be required where wind or areas of concentrated water are of concern. Wood fiber hydromulch or other sprayable products approved for erosion control (nylon web or mesh) may be used if applied according to manufacturers' specification. Caution is advised when using nylon or other synthetic products. They may be difficult to remove prior to seeding.

LEGEND

- PROPERTY LINE
- EXISTING TOPOGRAPHY
- + 28.5 — PROPOSED SPOT ELEVATION
- 28 — PROPOSED CONTOUR
- PROPOSED CATCH BASIN
- PROPOSED STORM PIPE

EROSION CONTROL PLAN LEGEND

- SCE — STABILIZED CONSTRUCTION ENTRANCE
- SF — SILT FENCE
- SS — SOIL STOCKPILE
- IP — INLET PROTECTION
- CM — CONSTRUCTION MATERIALS STORAGE / STAGING AREA
- CP — CONTRACTOR PARKING AREA
- WM — WASTE MATERIALS STORAGE
- CW — CONCRETE WASHOUT AREA
- CF — CONSTRUCTION FENCE
- LIMIT OF DISTURBANCE LINE
- DB — SILT/DEWATERING BAG



Civil engineer:

Alan L. Pilch
ALP Engineering & Landscape Architecture, PLLC
P.O. Box 843, Ridgefield, CT 06877
162 Falls Road, Bethany, CT 06524
P.E. #50167
C. of A. #0016331
Tel: (475) 215-5343

CONSULTANTS:

PROJECT ARCHITECT:

Jaclyn Tyler, AIA
Nexus Creative Design
Architecture Planning & Design
100 White Plains Road
Tarrytown, NY 10591

Tel: (914) 740 - 4774 | (914) 204 - 6404

ISSUED:

Rev. as per comment from Village and consultants	12/29/2021
Rev. as per Sheet C-102	05/27/2022
Re-submission to Planning Board	09/19/2022
Rev. as per HCZM and Village consulting Engineer comments	10/24/2022
Rev. as per HCZM and Village consulting Engineer comments	11/15/2022
Rev. as per HCZM and Village consulting Engineer comments	11/28/2022
Rev. as per HCZM and Village consulting Engineer comments	12/14/2022
Rev. as per Plng Bd and Village consulting Engineer comments	01/16/2023

SEAL:

STATE OF NEW YORK ALAN L PILCH LICENSED PROFESSIONAL ENGINEER No. 080167

PROJECT NAME:
D'ARCANGELO PROPERTY
921 Soundview Drive
Village of Mamaroneck, New York

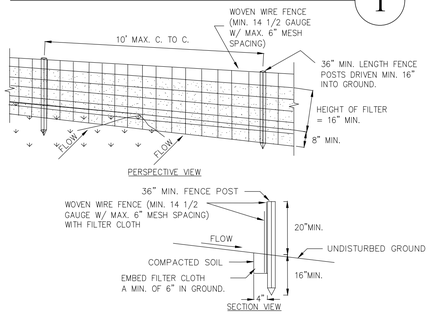
ENGINEER & LANDSCAPE ARCHITECT:
ALP ENGINEERING & LANDSCAPE ARCHITECTURE, PLLC
P.O. Box 843 Ridgefield, CT 06877
Direct Tel. (475) 215-5343 Cell (203) 710-0587

Drawing Title:
Erosion and Sediment Control Plan

Date: October 18, 2021
Dwn. by: alp
ID: 921 Soundview_Site_01-17-2023

C-103

Silt Fence — 1

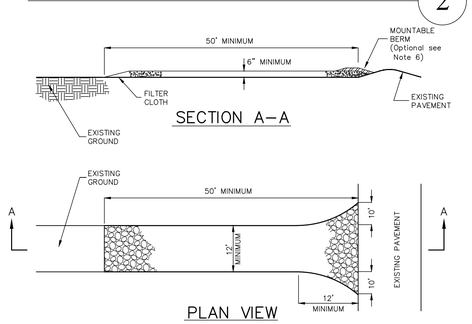


CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	SILT FENCE

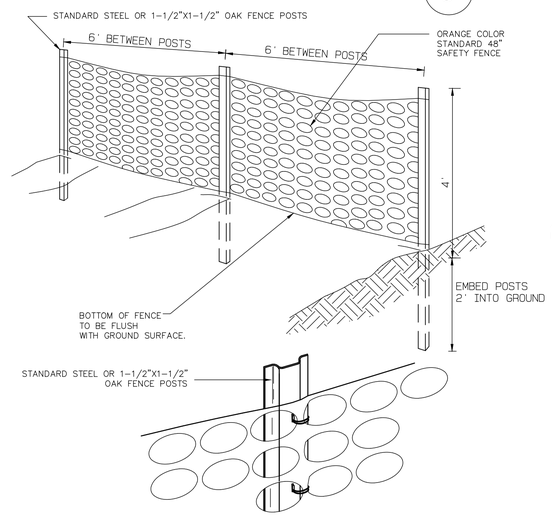
Stabilized Construction Entrance — 2



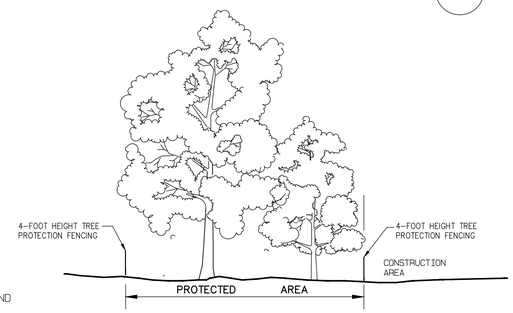
NOTES:

1. STONE SIZE – USE ½" – 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24 FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH – TO BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DRIPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

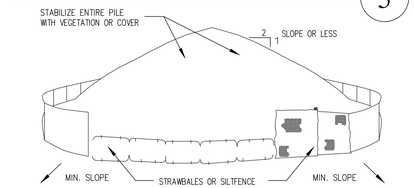
Construction Fence/Tree Protection — 3



Construction Fence/Tree Protection — 4



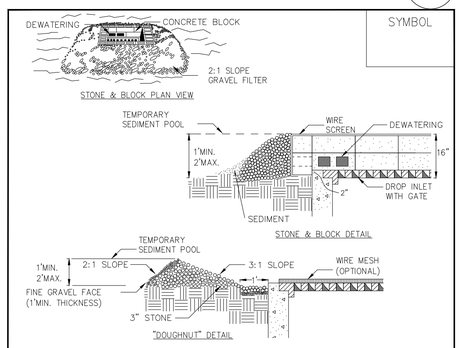
Soil Stockpile — 5



INSTALLATION NOTES

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING (WHICH IS PREFERRED) OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.

Stone and Block Drop Inlet Protection — 6



SYMBOL

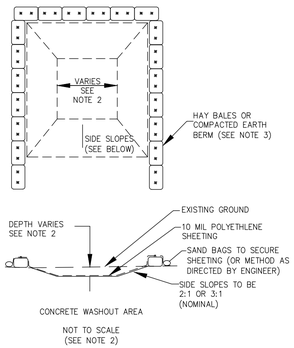
CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.

MAXIMUM DRAINAGE AREA 1 ACRE

ADAPTED FROM DETAILS PROVIDED BY: USDA – NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE	STONE & BLOCK DROP INLET PROTECTION

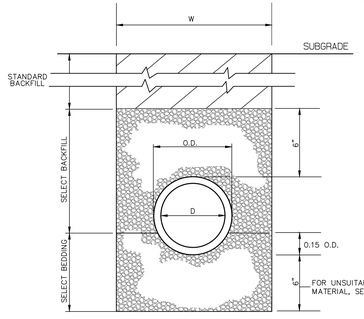
Concrete Washout Area — 7



NOTES:

1. Concrete washout areas shall be installed prior to concrete placement of on-site. The concrete washout area shall be entirely self-contained.
2. The contractor shall submit the design, location and sizing of the concrete washout area(s) with the project's erosion and sedimentation control plan and shall be approved by the engineer.
Location: Washout area(s) are to be located at least 50 feet from any stream, wetland, storm drains, or other sensitive resource. The flood contingency plan must address the concrete washout if the washout is to be located within the floodplain.
Size: the washout must have sufficient volume to contain all liquid and concrete waste generated by washout operations including, but not limited to, operations associated with grout and mortar.
3. Surface discharge is unacceptable. Therefore, hay bales or other control measures, as approved by the engineer, should be used around the perimeter of the concrete washout area for containment.
4. Signs should be placed at the construction entrance, at the concrete area(s) and elsewhere as necessary to clearly indicate the location of the concrete washout to operators of concrete trucks and pump rigs. Washout area(s) should be flagged with safety fencing or other approved method.
5. Washout area(s) are to be inspected at least once a week for structural integrity, adequate holding capacity and check for leaks, tears or overflow. (As required by the construction site environmental inspection report, washout areas should be checked after heavy rains.)
6. Hardened concrete waste should be removed and disposed of when the waste has accumulated to half the concrete washout's height. The waste can be stored at an upland location, as approved by the engineer. All concrete waste shall be disposed of in a manner consistent with all applicable laws, regulations and guidelines.
7. Payment for this item is to be included under the general cost of the work for the project, including site restoration.

Pipe Trench — 8

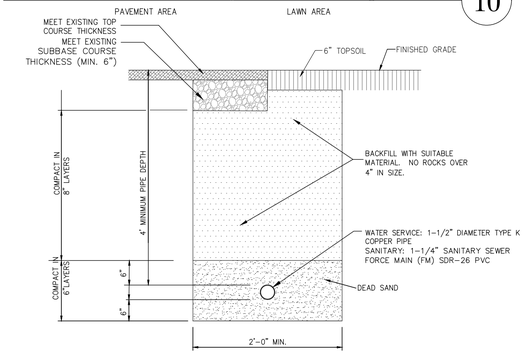


D=INSIDE DIAMETER, SPAN, OR RISE
O.D.=OUTSIDE BARREL DIAMETER, SPAN OR RISE
H.D.=OUTSIDE DIAMETER, SPAN, OR RISE @ BELL OR BAND
W=H.D. + 2.0" – FOR 48" OR SMALLER DIAMETER, SPAN, OR RISE
W=H.D. + 2.5" – FOR GREATER THAN 48" DIAMETER, SPAN, OR RISE

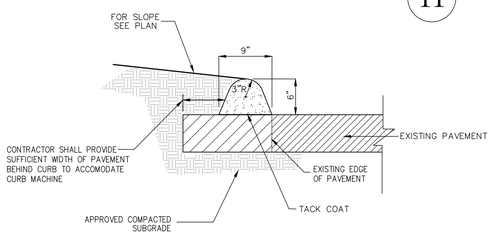
NOTES:

1. FOR TYPE II TRENCH, MATERIAL FOR SELECT BEDDING AND SELECT BACKFILL SHALL BE:
   A. EITHER SAND OR CRUSHED STONE IF NO WATER IS ENCOUNTERED IN TRENCH.
   B. CRUSHED STONE IF WATER IS ENCOUNTERED IN TRENCH.
2. TYPE II TRENCH SHALL BE USED IN ALL OF THE FOLLOWING CASES:
   A. FOR ALL PVC PIPE AND CONDUIT INSTALLATION.
   B. WHEN ROCK OR HARDPAN IS ENCOUNTERED IN BOTTOM OF TRENCH.
   C. WHEN UNSUITABLE MATERIAL IS ENCOUNTERED IN BOTTOM OF TRENCH. IN SUCH CASE DEPTH OF UNDERCUTTING SHALL BE AS DIRECTED BY THE ENGINEER WITH 6" MINIMUM.
3. FOR ALL TRENCH EXCAVATION IN FILL AREAS, ALL EMBANKMENTS SHALL BE CONSTRUCTED TO A MINIMUM OF 2 FEET ABOVE THE OUTSIDE TOP (AT THE BELL) OF THE PIPE PRIOR TO BEGINNING ANY TRENCH EXCAVATION.
4. SELECT BEDDING – SHALL CONSIST OF A BED OF PROPERLY COMPACTED GRANULAR BEDDING MATERIAL (SAND OR CRUSHED STONE AS SPECIFIED) HAVING A COMPACTED THICKNESS OF AT LEAST SIX (6) INCHES BELOW THE BOTTOM OF THE PIPE OR CONDUIT AND EXTENDING AROUND THE PIPE OR CONDUIT FOR AT LEAST 30% OF ITS DIAMETER OR RISE. THE LAYER OF BEDDING MATERIAL SHALL BE SHAPED TO FIT THE PIPE OR CONDUIT FOR AT LEAST 15% OF THE OUTSIDE DIAMETER OR RISE OF THE PIPE OR CONDUIT AND SHALL HAVE RECESSES SHAPED TO RECEIVE THE BELL OF BELL AND SPIGOT PIPE. SAND BEDDING SHALL BE CLEAN, WELL-GRADED SAND CONSISTING OF HARD, DURABLE PARTICLES FREE FROM LUMPS OF CLAY, LOAM AND ALL OTHER DELETERIOUS SUBSTANCES. CRUSHED STONE BEDDING SHALL BE WELL-GRADED CRUSHED STONE CONFORMING TO ASTM DESIGNATION C-33, SIZE NO. 67.
5. STANDARD BACKFILL – SHALL CONSIST OF ON-SITE MATERIAL (EARTH) APPROVED BY THE OWNER'S FIELD REPRESENTATIVE AND/OR SOILS ENGINEER. SHOULD THERE BE A DEFICIENCY OF PROPER ON-SITE MATERIAL FOR BACKFILLING, THE CONTRACTOR SHALL FURNISH, PLACE AND COMPACT ADDITIONAL PROPER BACKFILL MATERIAL.
6. SELECT BACKFILL – SHALL CONSIST OF GRANULAR MATERIAL (SAND OR CRUSHED STONE AS SPECIFIED) AS APPROVED BY THE OWNER'S FIELD REPRESENTATIVE AND/OR SOILS ENGINEER. SAND SHALL CONSIST OF CLEAN, WELL GRADED, HARD, DURABLE PARTICLES, FREE OF LUMPS OF CLAY, LOAM AND ALL OTHER DELETERIOUS SUBSTANCES. CRUSHED STONE SHALL CONSIST OF WELL GRADED CRUSHED STONE CONFORMING TO ASTM DESIGNATION C-33, SIZE NO. 67.
7. BACKFILL FOR PIPE AND CONDUIT SHALL BE PLACED EVENLY AND CAREFULLY AROUND AND OVER THE PIPE OR CONDUIT IN SIX (6) INCH MAXIMUM LAYERS. EACH LAYER SHALL BE THOROUGHLY AND CAREFULLY COMPACTED UNTIL TWELVE (12) INCHES OF COVER EXISTS OVER THE PIPE OR CONDUIT. THE REMAINDER OF THE BACKFILL SHALL THEN BE PLACED AND COMPACTED IN MAXIMUM TWELVE (12) INCH LAYERS. EACH LAYER SHALL BE COMPACTED BY APPROVED MECHANICAL TAMPING MACHINES.

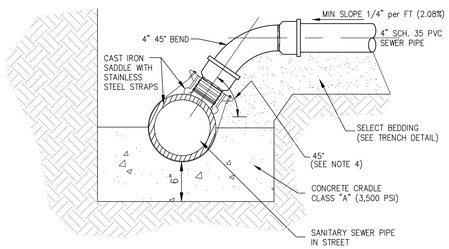
Water Service and Sanitary Force Main Pipe Trench — 10



Bituminous Concrete Curb — 11



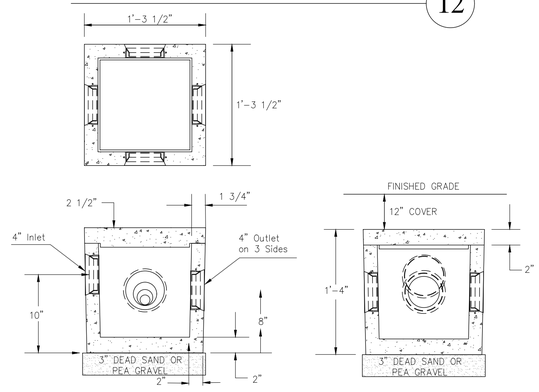
Connection to Existing Sanitary Sewer — 9



NOTES:

1. ALL SERVICE LINES SHALL HAVE A MINIMUM OF FOUR (4) FEET OF COVER.
2. SERVICE LINE LOCATION, GRADE AND ALIGNMENT SHALL BE AS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE OWNER'S FIELD REPRESENTATIVE.
3. WHERE SERVICE LINES ARE TO BE DEAD-ENDED, CONTRACTOR SHALL INSTALL APPROVED WATER-TIGHT AND PRESSURE-TIGHT PLUGS.
4. IF MINIMUM COVER CANNOT BE ATTAINED WHILE MAINTAINING MINIMUM SLOPE, THE ANGLE OF CONNECTION MAY BE REDUCED TO 22.5°, IF APPROVED BY THE OWNER'S FIELD REPRESENTATIVE.
5. SANITARY SEWER SERVICE LINE INCLUDING FITTINGS SHALL BE 4" SCH. 35 PVC.

Sanitary Sewer Distribution Box — 12



Civil engineer:

Alan L. Pilch
ALP Engineering & Landscape Architecture, PLLC
P.O. Box 843, Ridgefield, CT 06877
P.E. #50167
C. of A. #0016331
Tel: (475) 215-5343

CONSULTANTS:

PROJECT ARCHITECT:

Jaclyn Tyler, AIA
Nexus Creative Design
Architecture Planning & Design
100 White Plains Road
Tarrytown, NY, 10591

Tel: (914) 740 - 4774 | (914) 204 - 6404

ISSUED:

Resubmission to Village	12/29/2021
Resubmission to Village	05/27/2022
Re-submission to Planning Board	09/19/2022
Rev. as per HCZM and Village consulting Engineer comments	10/24/2022
Re-submission to Planning Board	11/15/2022
Re-submission to Planning Board	11/28/2022
Re-submission to Planning Board	01/16/2023

SEAL:

STATE OF NEW YORK ALAN L. PILCH No. 050167 LICENSED PROFESSIONAL ENGINEER

PROJECT NAME:
D'ARCANGELO PROPERTY
921 Soundview Drive
Village of Mamaroneck, New York

ENGINEER & LANDSCAPE ARCHITECT:
ALP ENGINEERING
& LANDSCAPE ARCHITECTURE, PLLC
P.O. Box 843 Ridgefield, CT 06877
Direct Tel. (475) 215-5343 Cell (203) 710-0587

Drawing Title:
Construction Details

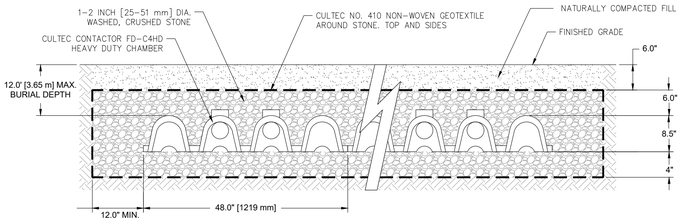
Date: October 18, 2021

Dwn. by: alp

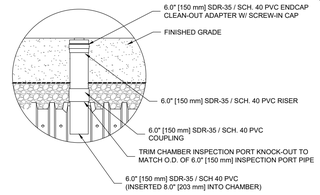
ID: 921 Soundview_Site_01-17-2023

C-111

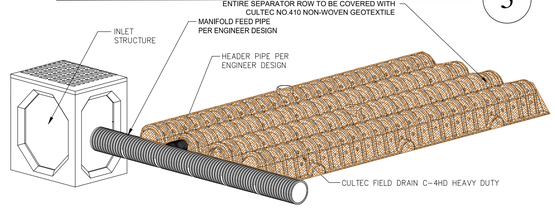
Cultec C-4HD Chamber Installation — 1



Observation Port — 2

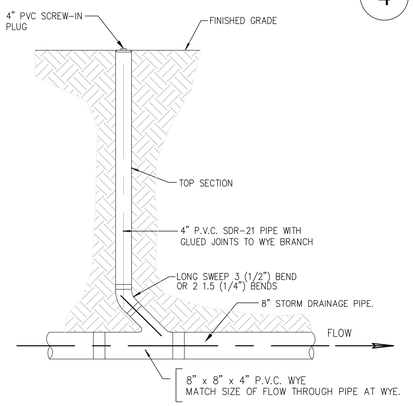


Cultec Separator Row Installation — 3

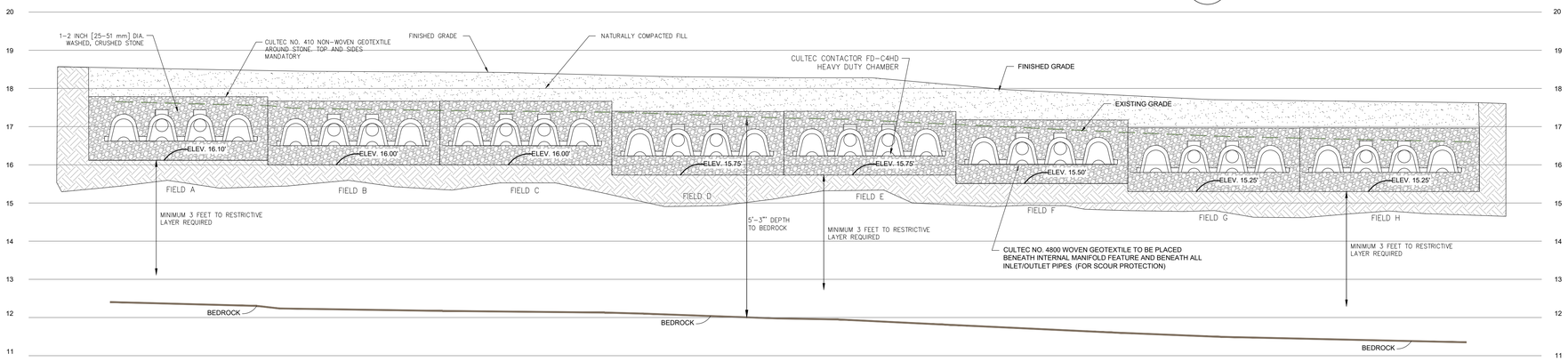


INSTALLATION OF SEPARATOR ROW:
Two layers of CULTEC No. 66 Woven Geotextile are placed between the clean foundation stone and the chamber. The chambers are then completely wrapped with CULTEC No. 410 non-woven geotextile.

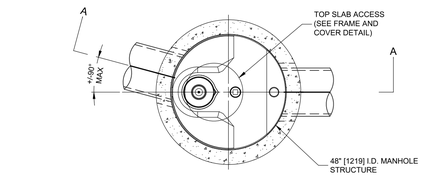
Storm Drainage Clean-Out — 4

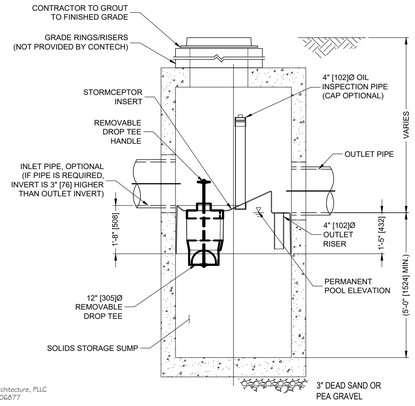


Stormwater Management Practice Cultec C-4HD Chamber Installation — 5



Pre-Treatment Facility - Stormceptor 450i — 6

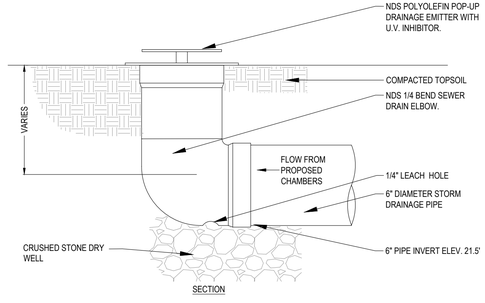




Civil engineer:
Alan L. Pich
ALP Engineering & Landscape Architecture, PLLC
P.O. Box 843, Ridgefield, CT 06877
P.E. #501167
C. of A. #0016331
Tel: (475) 215-5343

FRAME AND COVER
(MAY VARY)
NOT TO SCALE

6" Pop-Up Emitter — 7



SECTION

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

NDS, INC.
851 NORTH HARVARD AVE.
LINDSAY, CA 93247
TOLL FREE: 1-800-726-1994
PHONE: (559) 562-9888
FAX: (559) 562-4488
www.ndspro.com

MAINTENANCE OF STORMWATER DRAINAGE AND MANAGEMENT PRACTICES

Subsurface Chambers - The proposed subsurface chambers do not provide a direct means of access to the facility, although catch basins and observation ports will be provided to provide access to the chambers for maintenance, inspection and removal of accumulated sediment.

STORMWATER MANAGEMENT PRACTICE	MAINTENANCE AND INSPECTION MEASURES
Subsurface Chambers	Inspect for: (i) Depth of sediment, if any, through inspection via the installed observation port on each row of the chambers during the first 2 to 3 months of operation, and thereafter on an annual basis. (ii) The rate of dewatering of the infiltration facility following a precipitation event. The chambers should fully dewater within 48 hours of the end of the precipitation event.
	Maintenance Measures include: (i) Observation of the depth of sediment, if any, through inspection via the installed observation port on each row of the chambers during the first 2 to 3 months of operation, and thereafter on an annual basis. (ii) Remove sediment from pre-treatment facility when the depth of sediment reaches 50% of capacity of the facility. (iii) Remove sediment from chambers when the depth of sediment is 3" in depth. (iv) The manufacturer of the chambers recommends cleaning of the stormwater management chambers every 9 years after installation and every 9 years thereafter. (v) The manufacturer also recommends that 45 years after installation, the chambers be inspected using closed circuit television (CCTV) or other comparable technique to determine the condition of the interior of the chambers, and rehabilitate or replace as may be necessary.
Catch Basins	Inspection Procedures: Inspect the catch basins annually in the spring or summer. Inspect for: (i) sediment deposition or floatables in the structure, and (ii) structural integrity.
	Maintenance Tasks include: • Remove grate or cover • Skim off oils and floatables • Using a yardstick, measure the depth of sediment • If sediment is at a depth greater than 6", then vacuum or manually remove sediment. If not replace grate or cover. • Record depth & date when the work is done.
Hydrodynamic Separators Maintenance Procedures	Inspection Procedures: Inspect the hydrodynamic separator annually in the spring. Inspect for: (i) sediment deposition or floatables in the structure, and (ii) structural integrity.
	Maintenance Tasks include: Clean out the unit once the sediment depth reaches the recommended maintenance sediment depth, which is approximately 15% of the unit's total storage capacity (see table below). The frequency may be adjusted based on historical inspection results due to variable site sediment loading. STC 450i: Maintenance Sediment Depth (in inches) = 8 Equipment is typically required for inspection includes: • Manhole access cover lifting tool • Oil dipstick / Sediment probe with ball valve (typically ¾-inch to 1-inch diameter) • Flashlight • Camera • Data log / Inspection Report • Safety cones and caution tape • Hard hat, safety shoes, safety glasses, and chemical-resistant gloves
Hydrodynamic Separators Maintenance Procedures	Stormceptor is to be inspected from grade through a standard surface manhole access cover. Sediment and oil depth inspections are performed with a sediment probe and oil dipstick. • Oil depth is measured through the oil inspection port, either a 4-inch or 6-inch diameter port. • Sediment depth can be measured through the oil inspection port or the 24-inch diameter outlet riser pipe. • Inspections also involve a visual inspection of the internal components of the system • Ideally maintenance should be conducted during dry weather conditions when no flow is entering the unit. • Stormceptor is to be maintained through a standard surface manhole access cover. • Insert the oil dipstick into the oil inspection port. If oil is present, pump off the oil layer into separate containment using a small pump and tubing. • Maintenance cleaning of accumulated sediment is performed with a vacuum truck. • For 6-ft diameter models and larger, the vacuum hose is inserted into the lower chamber via the 24-inch outlet riser pipe. • For 4-ft diameter model, the removable drop tee is lifted out, and the vacuum hose is inserted into the lower chamber via the 12-inch drop tee hole.

CONSULTANTS:

PROJECT ARCHITECT:

Jaclyn Tyler, AIA
Nexus Creative Design
Architecture Planning & Design
100 White Plains Road
Tarrytown, NY, 10591

Tel: (914) 740 - 4774 | (914) 204 - 6404

ISSUED:

Rev. as per comment from Village and consultants	12/29/2021
Added Details 3 and 4	05/27/2022
Re-submission to Planning Board	09/19/2022
Rev. as per HCZM and Village consulting Engineer comments	10/24/2022
Rev. as per HCZM and Village consulting Engineer comments	11/15/2022
Rev. as per HCZM and Village consulting Engineer comments	11/28/2022
Rev. as per HCZM and Village consulting Engineer comments	12/14/2022
Re-submission to Planning Board	01/16/2023

SEAL:

STATE OF NEW YORK · ALAN L. PICH · No. 080167 · LICENSED PROFESSIONAL ENGINEER

PROJECT NAME:
D'ARCANGELO PROPERTY
921 Soundview Drive
Village of Mamaroneck, New York

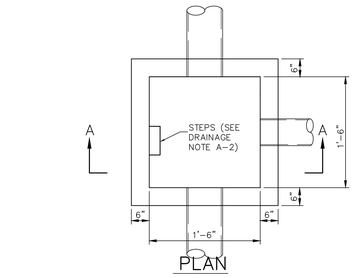
ENGINEER & LANDSCAPE ARCHITECT:
ALP ENGINEERING
& LANDSCAPE ARCHITECTURE, PLLC
P.O. Box 843 Ridgefield, CT 06877
Direct Tel. (475) 215-5343 Cell (203) 7100587

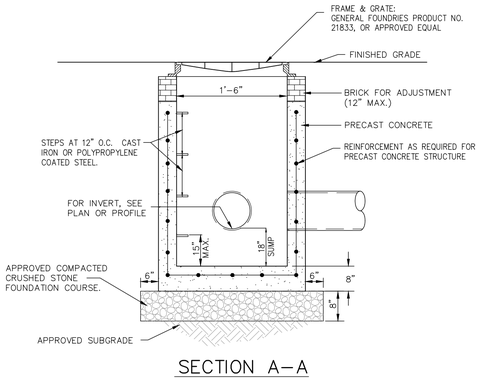
Drawing Title:
Construction Details

Date: October 18, 2021
Dwn. by: alp
ID: 921 Soundview_Site_01-17-2023

C-112

Catch Basin (1)





SECTION A–A

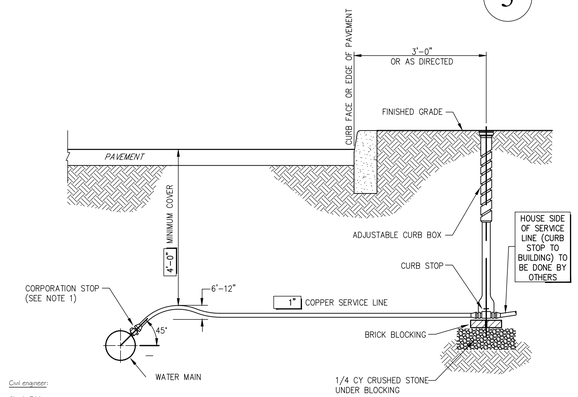
NOTES PERTAINING TO DRAIN INLETS, MANHOLES AND SUBSURFACE STORMWATER DETENTION FACILITIES

1. ALL PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD. ALL SUBSURFACE STORMWATER DETENTION FACILITIES SHALL ALSO MEET AN H-20 LOADING.

NOTES PERTAINING TO DRAIN INLETS

1. STEPS WILL NOT BE REQUIRED IN INLETS LESS THAN FOUR (4) FEET IN DEPTH. STEPS WILL BE REQUIRED IN INLETS FOUR (4) FEET OR GREATER IN DEPTH.
2. WHEN STEPS ARE REQUIRED, STEPS SHALL COMPLY WITH THE SAME REQUIREMENTS OF ASTM STANDARD C-478, ARTICLE 13 ENTITLED "MANHOLE STEPS & LADDERS".
3. FOR MASONRY STRUCTURES, THE FIRST COURSE OF MASONRY SHALL BE SET IN THE CONCRETE FOUNDATION BEFORE THE CONCRETE HAS SET. CONCRETE FOUNDATION SHALL BE CLASS "A" (3,500 psi) CONCRETE, TWELVE (12) INCHES THICK AND SHALL EXTEND SIX (6) INCHES BEYOND THE OUTSIDE FACE OF THE STRUCTURE.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH AND CONSTRUCT THE PROPER SIZE STRUCTURE INCLUDING THE NECESSARY OPENINGS TO ACCOMMODATE THE WORK AS SHOWN ON THE PLANS OR ORDERED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.
5. ALL NECESSARY PATCHING FOR DRAIN STRUCTURES SHALL BE ACCOMPLISHED WITH NON-SHRINKING CEMENT MORTAR GROUT, APPROVED EQUAL TO SIKA-SET AS MANUFACTURED BY THE SIKA CHEMICAL CORP.
6. FOUNDATIONS FOR PRECAST CONCRETE STRUCTURES SHALL BE SET ON A COMPACTED LAYER OF APPROVED POROUS MATERIAL HAVING A MINIMUM COMPACTED THICKNESS OF EIGHT (8) INCHES.
7. ALL PIPES SHALL BE CUT FLUSH WITH THE INSIDE WALL OF THE STRUCTURE.
8. PROVIDE REINFORCED CONCRETE TOP SLAB FOR OVERSIZED DRAIN INLETS WITH PROPER SIZE OPENING TO ACCOMMODATE INSTALLATION OF FRAME & GRATE.
9. FOR MASONRY STRUCTURES GREATER THAN TWELVE (12) FEET IN DEPTH, THICKNESS OF MASONRY WALLS SHALL BE INCREASED TO TWELVE (12) INCHES.

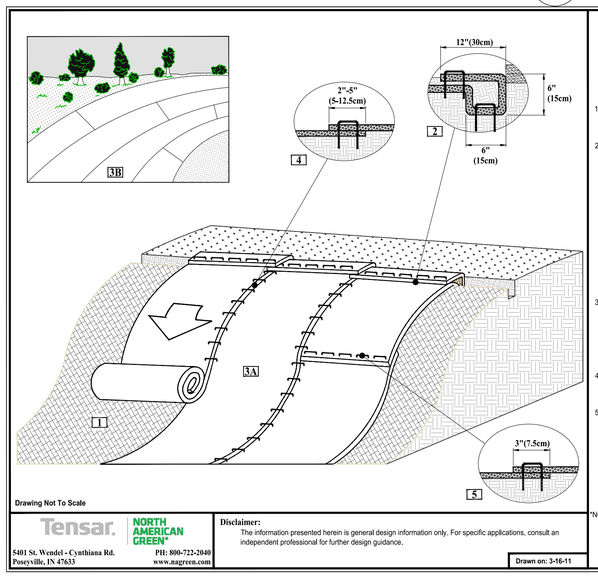
Water Service Connection (5)



Civil engineer:

Alan L. Pilch
ALP Engineering & Landscape Architecture, PLLC
P.O. Box 843, Ridgefield, CT 06877
P.E. #30167
C. of A. #0016331
Tel: (475) 215-5343

Erosion Control Mat (Geotextile Fabric) (2)



SLOPE INSTALLATION DETAIL

1. Prepare soil before installing rolled erosion control products (RECPs), including any necessary application of lime, fertilizer, and seed.
2. Begin at the top of the slope by anchoring the RECPs in a 6"(15cm) deep X 6"(15cm) wide trench with approximately 12" (30cm) of RECPs extended beyond the up-slope portion of the trench. Anchor the RECPs with a row of staples/stakes approximately 12" (30cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12"(30cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12"(30cm) apart across the width of the RECPs.
3. Roll the RECPs (A) down or (B) horizontally across the slope. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. The edges of parallel RECPs must be stapled with approximately 2" - 5" (5-12.5cm) overlap depending on the RECPs type.
5. Consecutive RECPs spliced down the slope must be end over end (Shingle style) with an approximate 3"(7.5cm) overlap. Staple through overlapped area, approximately 12"(30cm) apart across entire RECPs width.

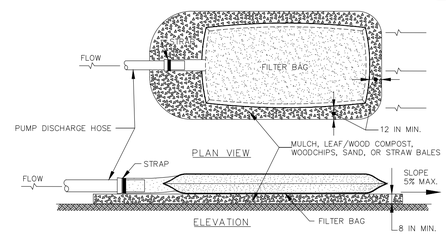
*NOTE:
In loose soil conditions, the use of staple or stake lengths greater than 6"(15cm) may be necessary to properly secure the RECPs.

Tensar. NORTH AMERICAN GREEN®
5401 St. Wendel - Cynthiana Rd.
Poseyville, IN 47633
PH: 800-722-2040
www.nagreen.com

Disclaimer:
The information presented herein is general design information only. For specific applications, consult an independent professional for further design guidance.

Drawn on: 3-16-11

Dewatering (Filter) Bag for Sediment (6)



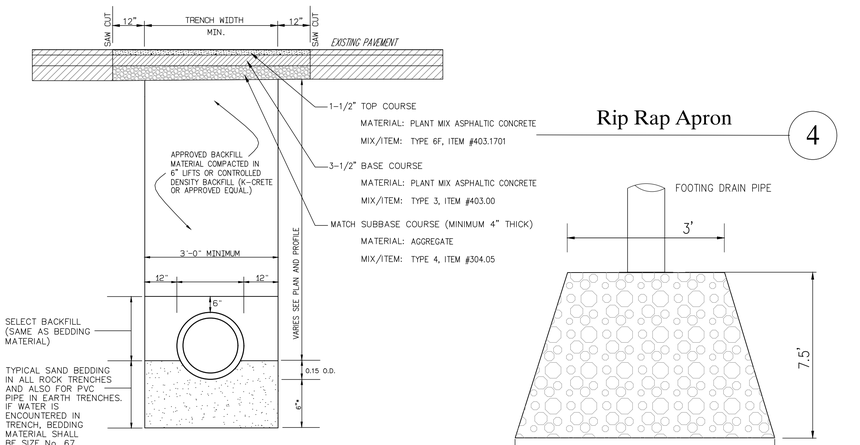
CONSTRUCTION SPECIFICATIONS

1. TIGHTLY SEAL SLEEVE AROUND THE PUMP DISCHARGE HOSE WITH A STRAP OR SIMILAR DEVICE.
2. PLACE FILTER BAG ON SUITABLE BASE (E.G., MULCH, LEAF/WOOD COMPOST, WOODCHIPS, SAND, OR STRAW BALES) LOCATED ON A LEVEL OR 5% MAXIMUM SLOPING SURFACE. DISCHARGE TO A STABILIZED AREA. EXTEND BASE A MINIMUM OF 12 INCHES FROM EDGES OF BAG.
3. CONTROL PUMPING RATE TO PREVENT EXCESSIVE PRESSURE WITHIN THE FILTER BAG IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. AS THE BAG FILLS WITH SEDIMENT, REDUCE PUMPING RATE.
4. REMOVE AND PROPERLY DISPOSE OF FILTER BAG UPON COMPLETION OF PUMPING OPERATIONS OR AFTER BAG HAS REACHED CAPACITY, WHICHEVER OCCURS FIRST. SPREAD THE DEWATERED SEDIMENT FROM THE BAG IN AN APPROVED UPLAND AREA AND STABILIZE WITH SEED AND MULCH BY THE END OF THE WORK DAY. RESTORE THE SURFACE AREA BENEATH THE BAG TO ORIGINAL CONDITION UPON REMOVAL OF THE DEVICE.
5. USE NONWOVEN GEOTEXTILE WITH DOUBLE STITCHED SEAMS USING HIGH STRENGTH THREAD. SIZE SLEEVE TO ACCOMMODATE A MAXIMUM 4 INCH DIAMETER PUMP DISCHARGE HOSE. THE BAG MUST BE MANUFACTURED FROM A NONWOVEN GEOTEXTILE THAT MEETS OR EXCEEDS MINIMUM AVERAGE ROLL VALUES (MARV) FOR THE FOLLOWING:

GRAB TENSILE	250 LB	ASTM D-4632
PUNCTURE	150 LB	ASTM D-4833
FLOW RATE	70 GAL/MIN/FT²	ASTM D-4491
PERMITTIVITY (SEC⁻¹)	1.2 SEC⁻¹	ASTM D-4491
UV RESISTANCE	70% STRENGTH @ 500 HOURS	ASTM D-4355
APPARENT OPENING SIZE (AOS)	0.15–0.18 MM	ASTM D-4751
SEAM STRENGTH	90%	ASTM D-4632

6. REPLACE FILTER BAG IF BAG CLOGS OR HAS RIPS, TEARS, OR PUNCTURES. DURING OPERATION KEEP CONNECTION BETWEEN PUMP HOSE AND FILTER BAG WATER TIGHT. REPLACE BEDDING IF IT BECOMES DISPLACED.

Pavement Restoration for Trench (3)



* WHERE ROCK IS ENCOUNTERED IN TRENCH BOTTOM, UNDERCUT MINIMUM OF 6"

* WHERE UNSUITABLE MATERIAL IS ENCOUNTERED IN TRENCH BOTTOM, UNDERCUT AS DIRECTED BY OWNER'S FIELD REPRESENTATIVE.

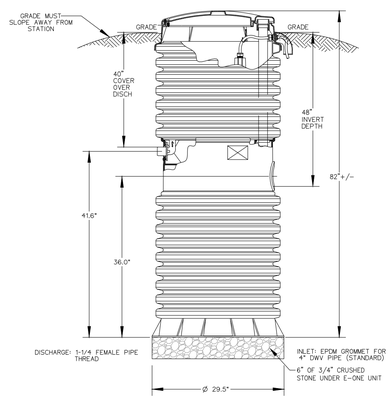
NOTES

1. THICKNESS INDICATED REFERS TO COMPACTED MEASURE.

Rip Rap Apron (4)

E-One Grinder Pump System (7)

OPTIONS : ☐ DH071-74 (HARD WIRED LEVEL CONTROLS)
☐ DR071-74 (WIRELESS LEVEL CONTROLS)



CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

AD	CAH	07/12/07	B	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE

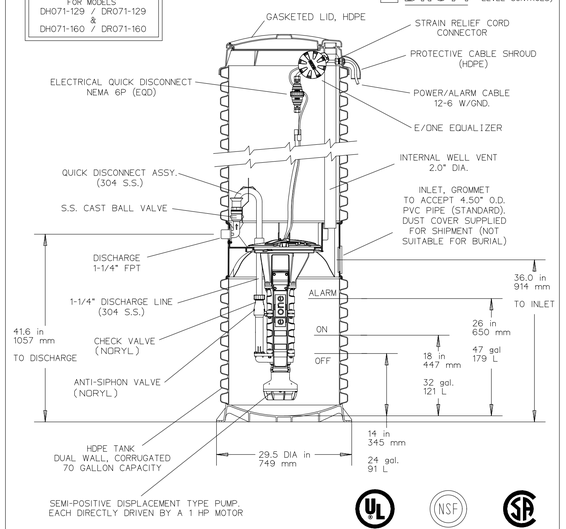
eone SEWER SYSTEMS

MODEL DH071-74 / DR071-74

NA0050P05

OPTIONS : ☐ DH071 (HARD WIRED LEVEL CONTROLS)
☐ DR071 (WIRELESS LEVEL CONTROLS)

FIELD JOINT REQUIRED FOR MODELS DH071-129 / DR071-129 & DH071-160 / DR071-160



CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTION FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

AD	CH	10/20/10	D	
DR BY	CHK'D	DATE	ISSUE	SCALE

eone SEWER SYSTEMS

MODEL DH071 / DR071 DETAIL SHEET

NA0050P02

CONSULTANTS:

PROJECT ARCHITECT:

Jaclyn Tyler, AIA
Nexus Creative Design
Architecture Planning & Design
100 White Plains Road
Tarrytown, NY, 10591

Tel: (914) 740 - 4774 | (914) 204 - 6404

ISSUED:

Rev. as per comment from Village and consultants	12/29/2021
Re-submission to Planning Board	09/19/2022
Rev. as per HCZM and Village consulting Engineer comments	10/24/2022
Rev. as per HCZM and Village consulting Engineer comments	11/15/2022
Re-submission to Planning Board	11/28/2022
Re-submission to Planning Board	01/16/2023

SEAL:

PROJECT NAME:
D'ARCANGELO PROPERTY
921 Soundview Drive
Village of Mamaroneck, New York

ENGINEER & LANDSCAPE ARCHITECT:
ALP ENGINEERING
& LANDSCAPE ARCHITECTURE, PLLC
P.O. Box 843 Ridgefield, CT 06877
Direct Tel: (475) 215-5343 Cell (203) 7104587

Drawing Title:
Construction Details

Date: October 18, 2021

Dwn. by: alp

ID: 921 Soundview_Site_01-17-2023

C-113