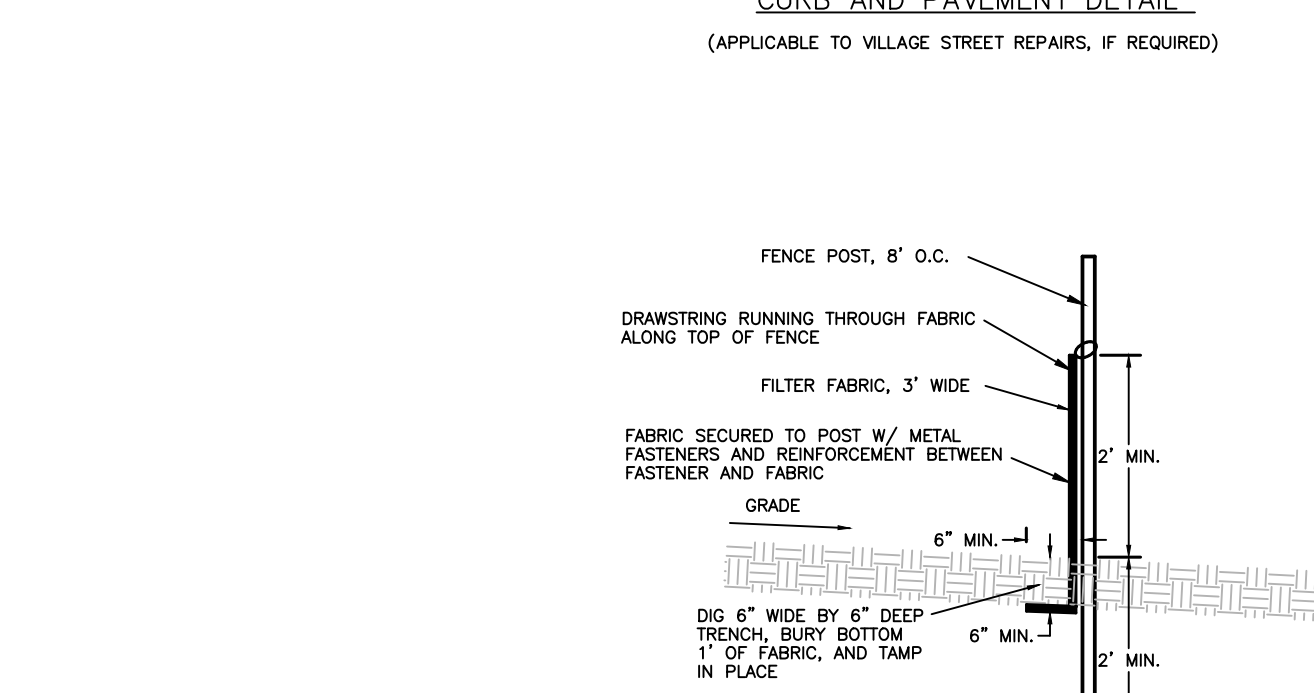
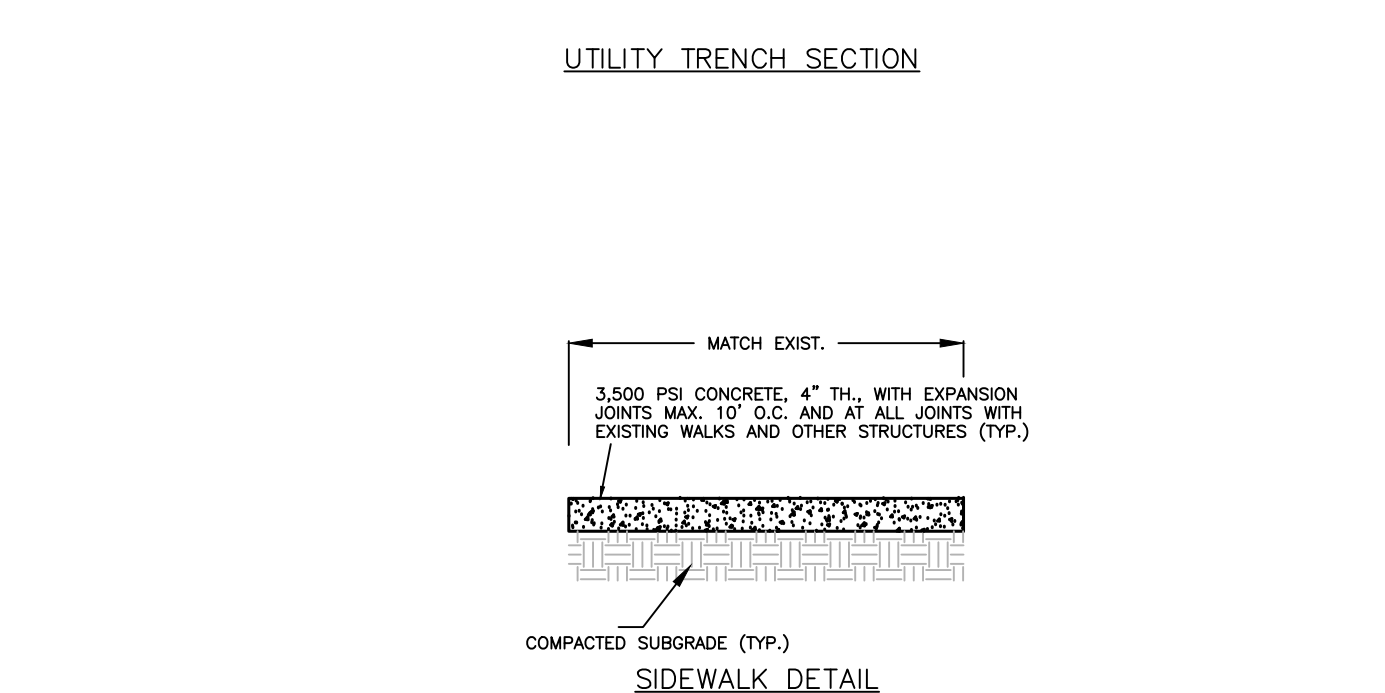
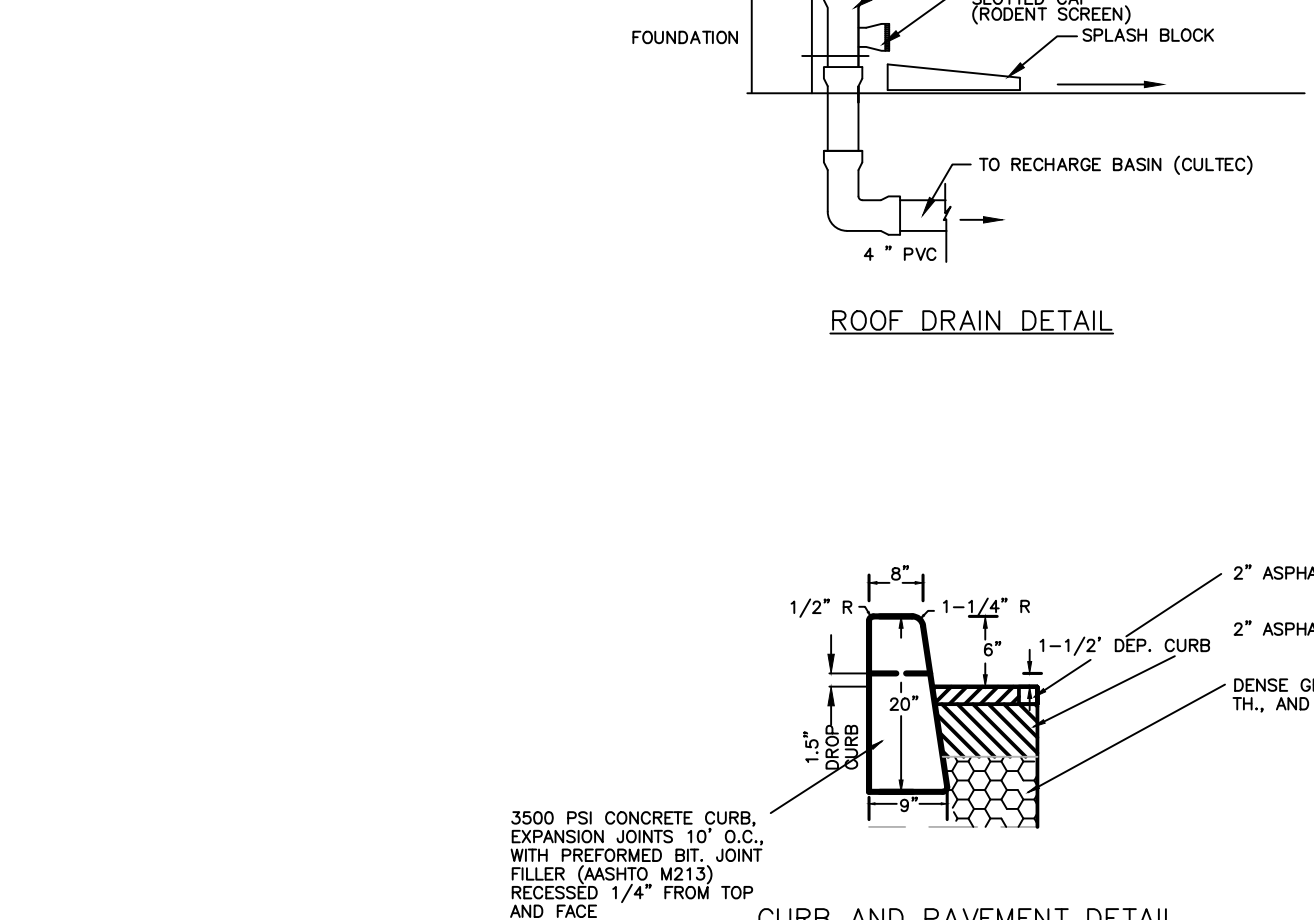
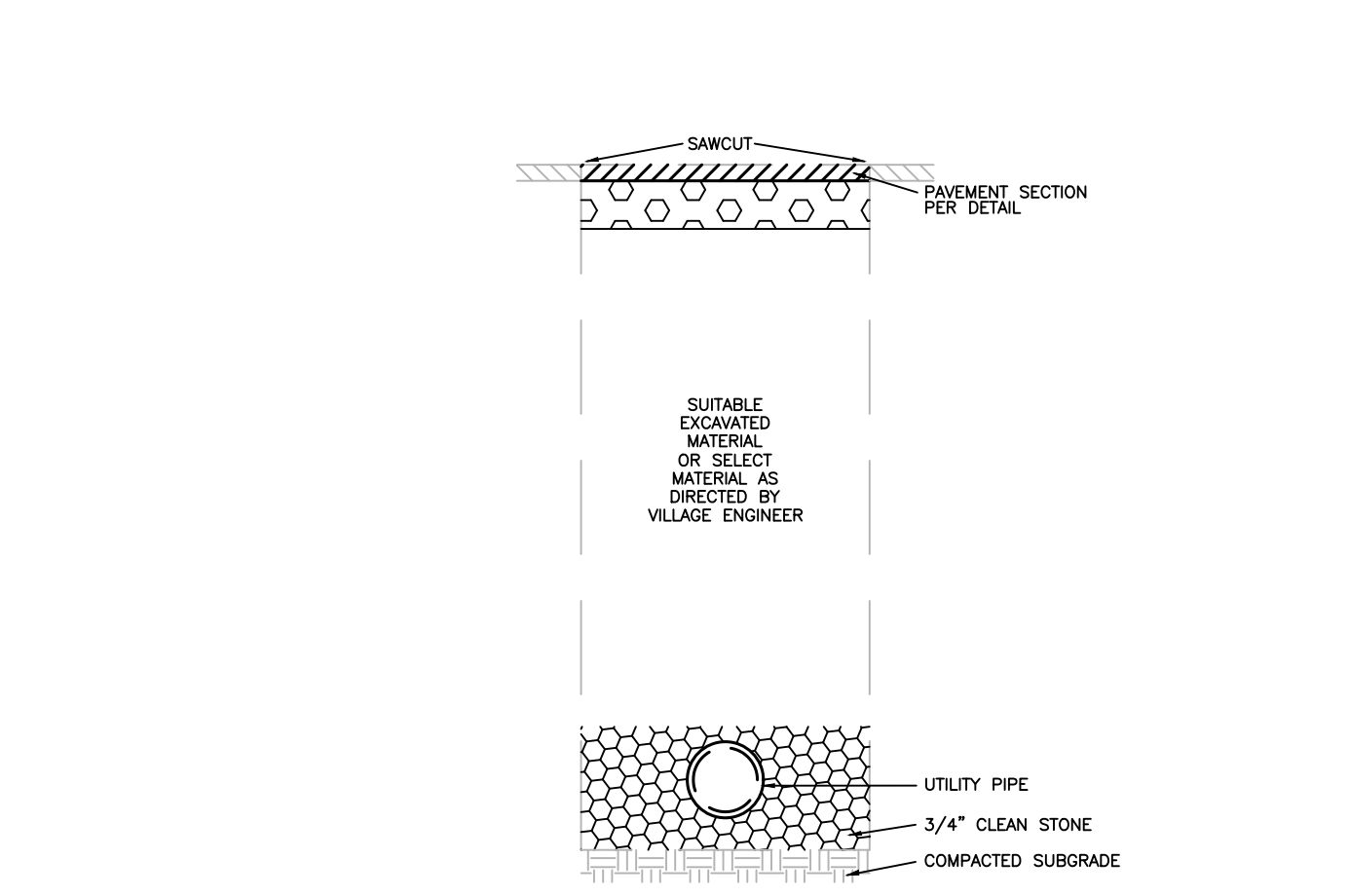
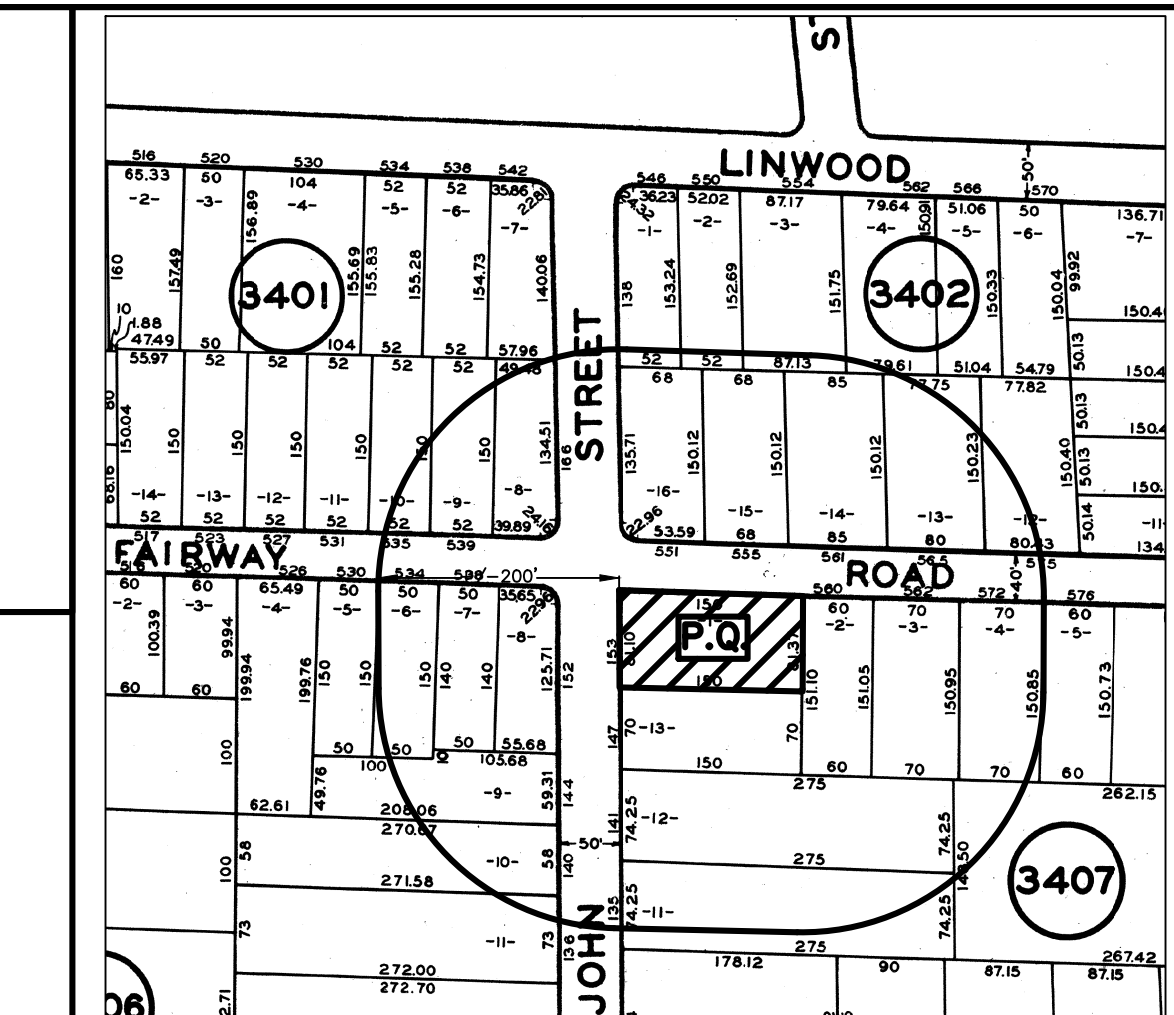


ZONING LEGEND
 ZONE: R2 - SINGLE FAMILY
 (SEE ARCHITECTURAL FOR ZONING INFO, THIS PLAN FOR GRADING/DRAINAGE/SESC ONLY, VARIANCE REQUIRED FOR POOL SIDE AND REAR SETBACK)

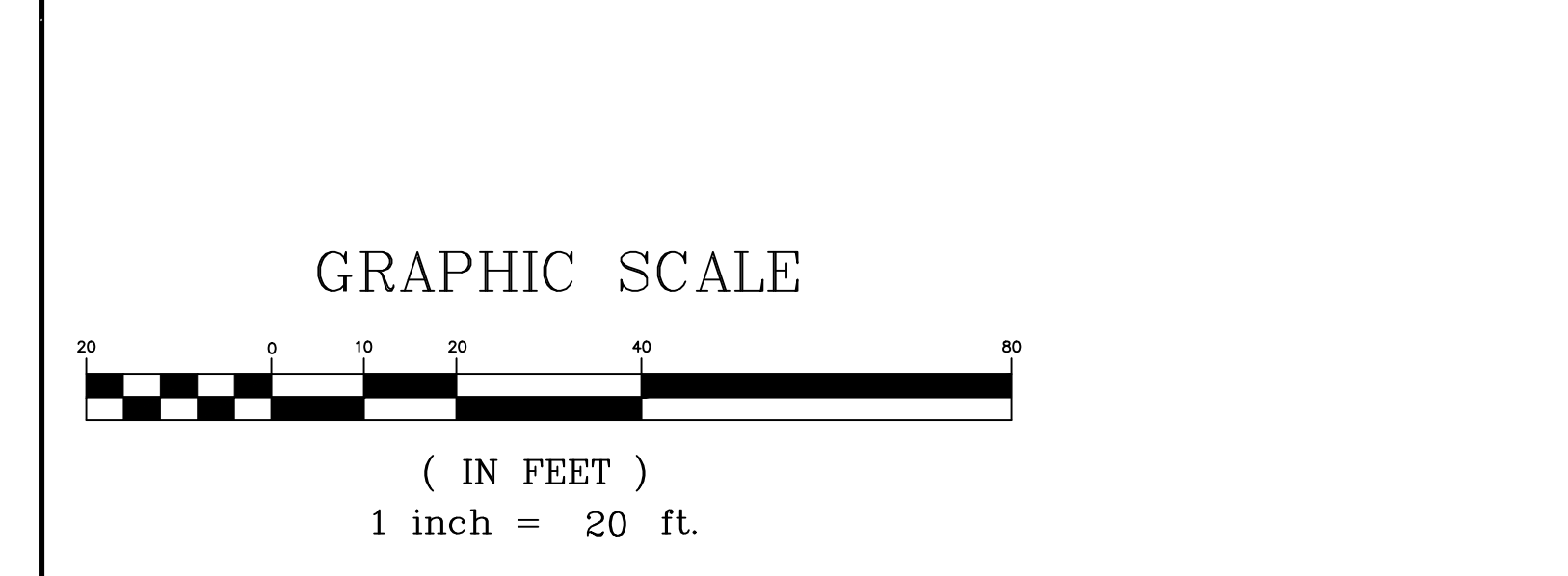
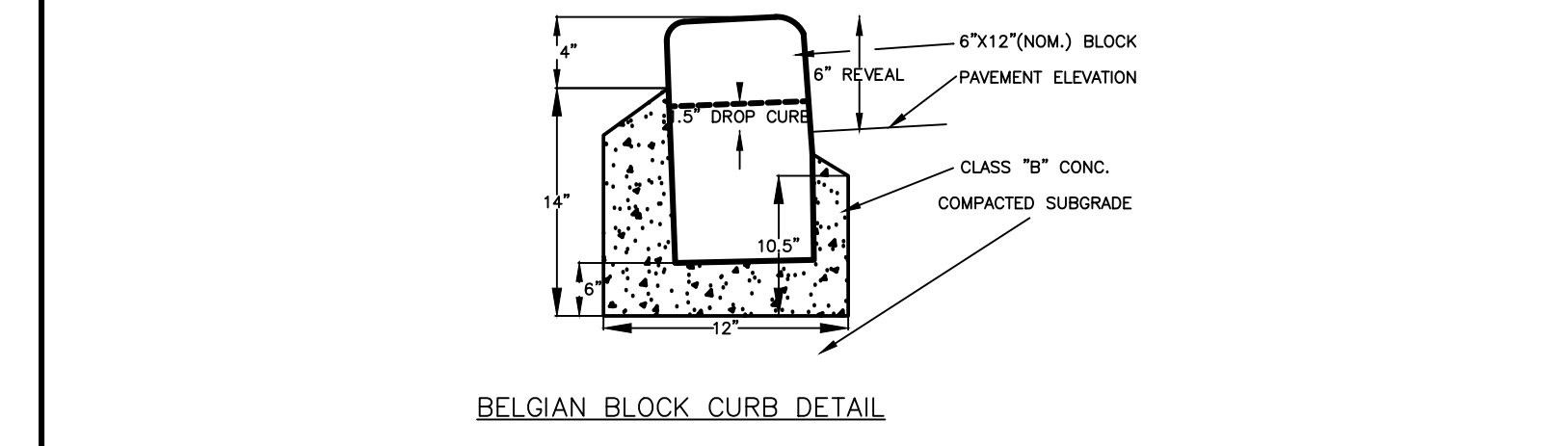


NOTES:
 1. PROPERTY KNOWN AS LOT 1 BLOCK 3407 AS SHOWN ON THE CURRENT TAX MAPS OF THE VILLAGE OF RIDGEWOOD.
 2. APPLICANT/OWNER: LIGARE, 153 JOHN STREET, RIDGEWOOD, NJ.
 3. ZONE: R2
 4. TOTAL AREA OF LOT: 12,175 SF
 5. IMPROVEMENTS ON OR UNDER THE LANDS ARE NOT VISIBLE MAY NOT BE SHOWN.
 6. THERE ARE NO EXISTING OR PROPOSED CONVEYANCES OR DEED RESTRICTIONS.
 7. VARIANCE REQUIRED (SEE ZONING TABLE)
 8. SURVEY INFORMATION SHOWN HEREON HAS BEEN TAKEN FROM A SURVEY PREPARED BY FRONTIER SURVEYING DATED 9/12/23, AS PROVIDED BY APPLICANT.
 9. SOIL LOGS TO BE PERFORMED IN SUPPORT OF PROPOSED RECHARGE BASINS.
 10. CONTRACTOR MUST PROVIDE VILLAGE ENGINEER MINIMUM 48 HOURS NOTICE TO SCHEDULE INSPECTION OF RECHARGE BASIN INSTALLATIONS.

COVERAGE BY ABOVE GRADE STRUCTURES
 (SEE ARCH.)
 IMPROVED COVERAGE
 (SEE ARCH.)

DRAINAGE CALCULATIONS
 PROPOSED NET IMPERVIOUS AREA = 1,083 SF
 REQUIRED STORAGE = 1,083 GALL. 145 CF
 PROVIDED STORAGE = 1,188 GALL. 159 CF

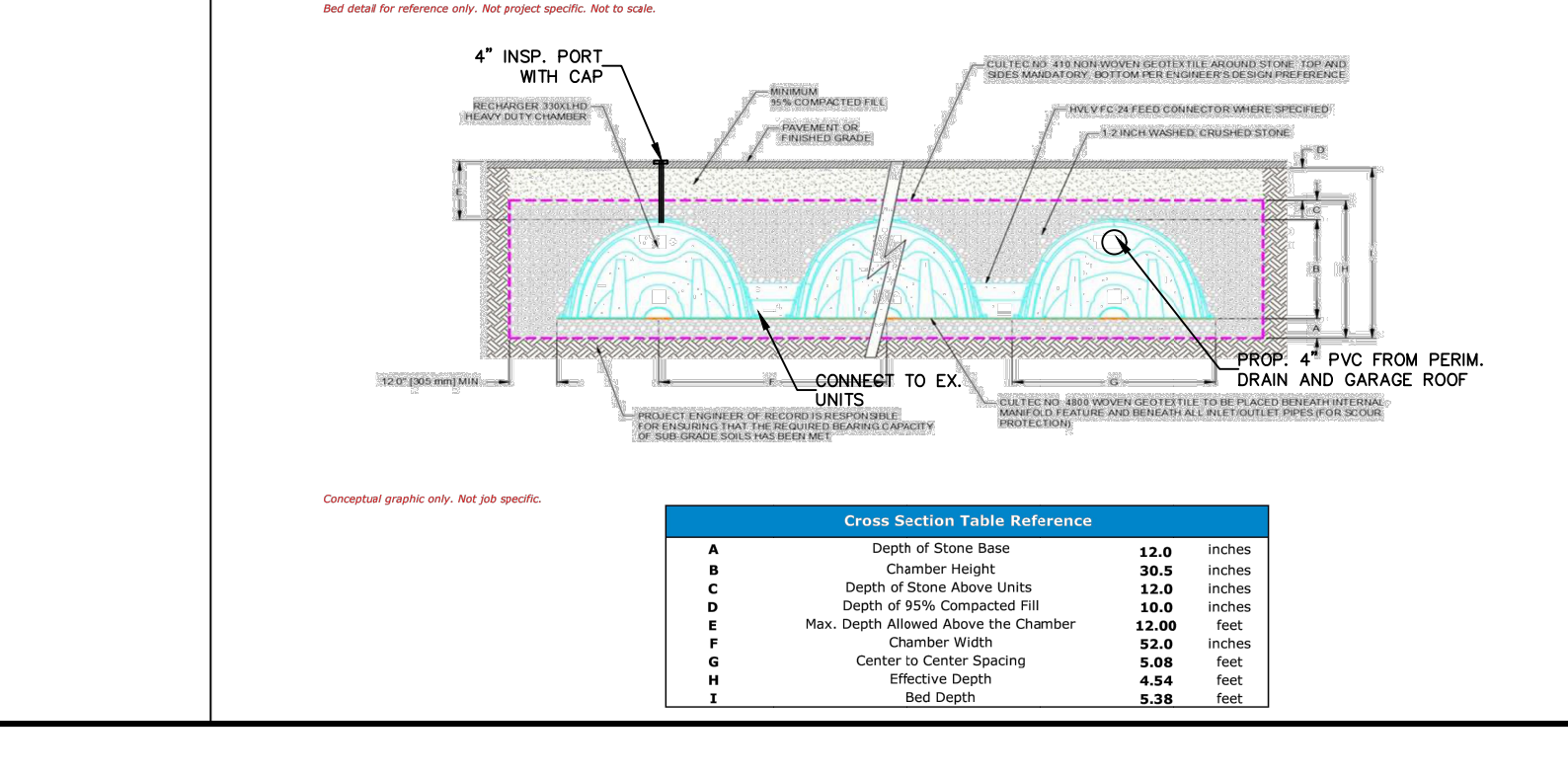
GROSS BUILDING AREA
 (SEE ARCH.)
 EARTHWORK CALCULATIONS
 PROP. POOL/COPIING = 367 SF
 AVG. CUT = 4.0'
 CUT = 34 CY
 PROP. RECHARGE BASINS = 66 SF
 AVG. CUT = 5.0'
 CUT = 12 CY
 NET EXPORT = 66 CY



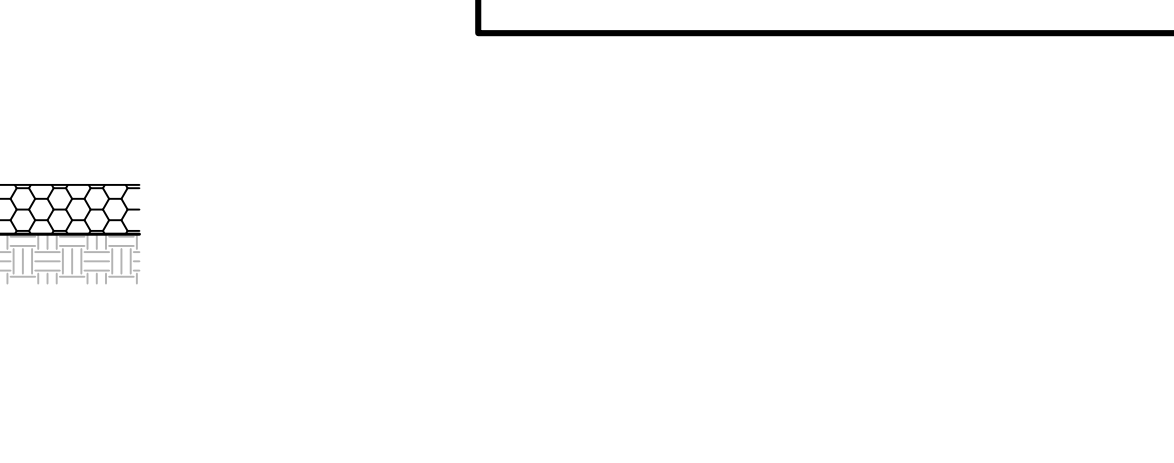
REVISION NO.	DATE	DESCRIPTION

Recharger 330XLHD Chamber Specifications		Breakdown of Storage Provided by Recharger 330XLHD Stormwater Recharge	
Height	34.5 inches	Within Chambers	43.40 cu. feet
Width	32.0 inches	Within Feed Connectors	45.45 cu. feet
Length	8.00 feet	Within Stone	45.45 cu. feet
Installed Length	7.00 feet	Total Storage Provided	134.30 cu. feet
Bank Chamber Volume	52.23 cu. feet	Total Storage Available	150.00 cu. feet
Installed Chamber Volume	55.97 cu. feet		

Materials List	
Total Number of Chambers Required	1 pieces
Separator Row Chambers	1 pieces
Starter Chambers	0 pieces
Intermediate Chambers	0 pieces
End Chambers	0 pieces
PVDFE-24 Feed Connectors	0 pieces
CULTEC No. 480 Non-Woven Geotextile	40 sq. yards
CULTEC No. 4800 Woven Geotextile	22 feet
Stone	9 cu. yards



BERGEN COUNTY SOIL CONSERVATION DISTRICT
 SOIL EROSION AND SEDIMENT CONTROL NOTES
 1. All soil erosion and sediment control practices will be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey (NJ Standards), and will be installed in proper sequence and maintained until permanent stabilization is established.
 2. Any disturbed area that will be left exposed for more than thirty (30) days and not subject to construction traffic shall immediately receive a temporary seeding and mulching. If the season prohibits temporary seeding, the disturbed area will be mulched with unrotted straw at a rate of 2 tons per acre anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
 3. Immediately following initial disturbance or rough grading, all critical areas subject to erosion will receive a temporary seeding in combination with straw mulch or a suitable equivalent, at a rate of 2 tons per acre, according to the NJ Standards.
 4. Stabilization Specifications:
 A. Temporary Seeding and Mulching:
 Ground Limestone - Applied uniformly according to soil test recommendations.
 Fertilizer - Apply 11 lbs./1,000 sf of 10-20-10 or equivalent with 50% water insoluble nitrogen (unless a soil test indicates otherwise) worked into the soil a minimum of 4".
 Seed - perennial ryegrass 100 lbs./acre (2.3 lbs./1,000 sf) or other approved seed; plant between March 1 and May 15 or between August 15 and October 1.
 Mulch - Unrotted straw or hay at a rate of 70 to 90 lbs./1,000 sf applied to achieve 95% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
 B. Permanent Seeding and Mulching:
 Topsoil - A uniform application to an average depth of 5", minimum of 4" firmed in place is required.
 Ground Limestone - Applied uniformly according to soil test recommendations.
 Fertilizer - Apply 11 lbs./1,000 sf of 10-20-10 or equivalent with 50% water insoluble nitrogen (unless a soil test indicates otherwise) worked into the soil a minimum of 4".
 Seed - Turf type tall fescue (blend of 3 cultivars) 350 lbs./acre (8 lbs./1,000 sf) or other approved seed; plant between March 1 and October 1 (summer seeding requires irrigation).
 Mulch - Unrotted straw or hay at a rate of 70 to 90 lbs./1,000 sf applied to achieve 95% soil surface coverage. Mulch shall be anchored by approved methods (i.e. peg and twine, mulch netting, or liquid mulch binder).
 5. The site shall at all times be graded and maintained such that all stormwater runoff is diverted to soil erosion and sediment control facilities.
 6. Soil erosion and sediment control measures will be inspected and maintained on a regular basis, including after every storm event.
 7. Stockpiles are not to be located within 50' of a floodplain, slope, roadway or drainage facility. The base of all stockpiles shall be contained by a haybale sediment barrier or silt fence.
 8. A crushed stone, vehicle wheel-cleaning blanket will be installed wherever a construction access road intersects any paved roadway. Said blanket will be composed of 1" - 2 1/2" crushed stone, 6" thick, will be at least 30' x 100' and should be underlain with a suitable synthetic sediment filter fabric and maintained.
 9. Maximum side slopes of all exposed surfaces shall not exceed 3:1 unless otherwise approved by the District.
 10. Driveways must be stabilized with 1" - 2 1/2" crushed stone or subbase prior to individual lot construction.
 11. All soil washed, dropped, spilled or tracked outside the limit of disturbance or onto public right-of-ways, will be removed immediately. Paved roadways must be kept clean at all times.
 12. Catch basin inlets will be protected with an inlet filter designed in accordance with Section 28-11 of the NJ Standards.
 13. Storm drainage outlets will be stabilized, as required, before the discharge points become operational.
 14. Dewatering operations must discharge directly into a sediment control bag or other approved filter in accordance with Section 14-1 of the NJ Standards.
 15. Dust shall be controlled via the application of water, calcium chloride or other approved method in accordance with Section 16-1 of the NJ Standards.
 16. Trees to remain after construction are to be protected with a suitable fence installed at the drip line or beyond in accordance with Section 9-1 of the NJ Standards.
 17. The project owner shall be responsible for any erosion or sedimentation that may occur below stormwater outfalls or off-site as a result of construction of the project.
 18. A copy of the certified Soil Erosion and Sediment Control Plan must be available at the project site throughout construction.
 19. The Bergen County Soil Conservation District must be notified, in writing, at least 48 hours prior to any land disturbance. Bergen County SCD, 700 Kinderkamack Road, Suite 106, Oradell, NJ 07649. Tel: 201-261-4407; Fax 201-261-7573.
 20. The Bergen County Soil Conservation District may request additional measures to minimize on or off-site erosion problems during construction.
 21. The owner must obtain a District issued report of compliance prior to the issuance of any certificate of occupancy. The District requires at least one week's notice to facilitate the scheduling of all report of compliance inspections. All site work must be completed, including temporary/permanent stabilization of all exposed areas, prior to the issuance of a report of compliance by the District.
 Revised 12/17



CONSTRUCTION SEQUENCE:
 1. INSTALL ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES AS PER PLAN, INCLUDING SILT FENCE AND MESH CLEANING BLANKET PER PLAN.
 2. EXCAVATE AND INSTALL FOUNDATION.
 3. CONSTRUCT UTILITY CONNECTIONS.
 4. COMPLETE BUILDING/POOL/PATIO CONSTRUCTION.
 5. INSTALL LANDSCAPING.
 6. UNIFORMLY APPLY TOPSOIL TO AN AVERAGE DEPTH OF 5", MINIMUM OF 4" FIRMED IN PLACE.
 7. APPLY SOIL/FERTILIZER SEED AS PER LANDSCAPE PLAN.
 8. REMOVE ALL SESC DEVICES UPON FINAL STABILIZATION.

THOMAS W. SKRABLE, P.E.
 PROPOSED GRADING AND SESC PLAN
 BLOCK 3407 LOT 1
 #153 JOHN STREET
 VILLAGE OF RIDGEWOOD
 BERGEN COUNTY NEW JERSEY
 DATE 10/14/25
 PROFESSIONAL ENGINEER, NJ 36679, NY 75377
 PROFESSIONAL PLANNER, NJ 5204

THOMAS W. SKRABLE, P.E., P.P., C.M.E.
 CONSULTING ENGINEER
 65 RAMAPO VALLEY ROAD, SUITE 213, MAHWAH, NJ
 201-529-5010
 DRAWN BY: T.S.
 SURVEYED BY: F.S.
 DESIGNED BY: T.S.
 CHECKED BY: T.S.
 D'WG NO. 25162PPO
 JOB NO. 25-162
 SHEET 1 OF 1
 1" = 20' H