FINAL SITE PLAN REVIEW SET

"PROPOSED ADDITIONS"

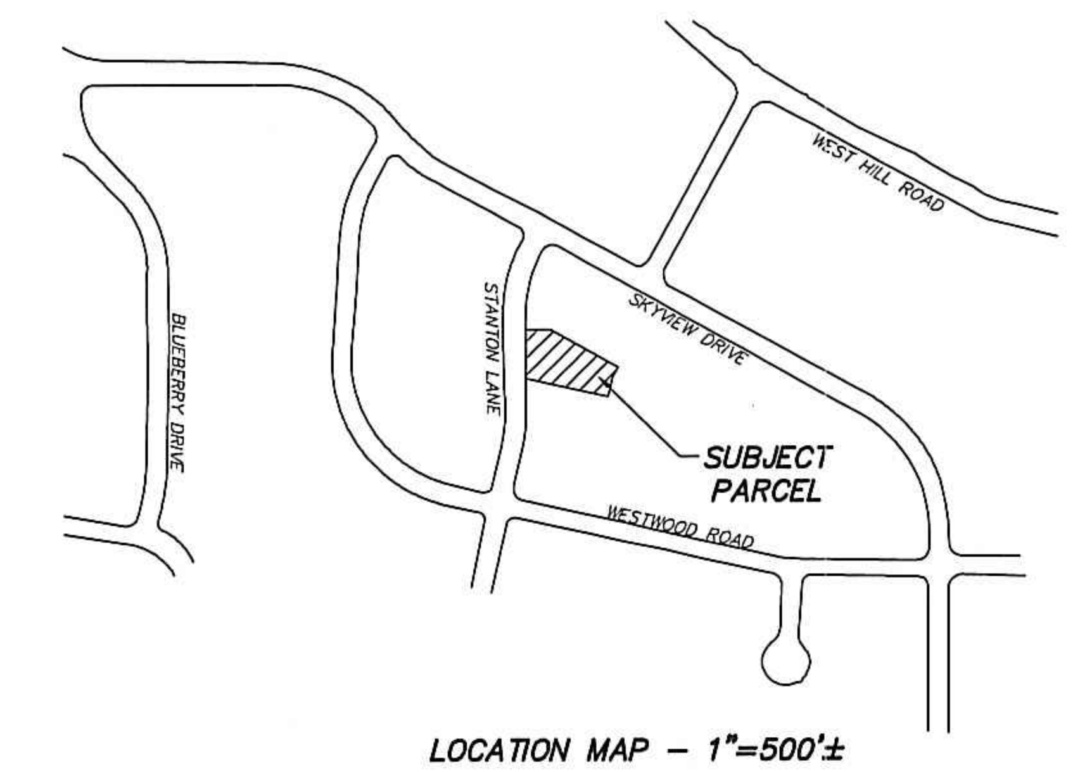
LOCATION

65 STANTON LANE
STAMFORD, CONNECTICUT

PREPARED FOR

JESSICA DOMIZIANO

AREA = 26,958 S.F. OR 0.6189 ACRES
REFER TO MAP No. 6101 S.L.R.
LAND LIES IN "R-20" ZONE



LOCATION MAP – 1"=500'±

MERIDIAN OF RECORD

SHEET INDEX

SHEET	TITLE	REVISION	DATE
–	EXISTING CONDITIONS "TOPOGRAPHIC SURVEY"	0	11–9–23
1 OF 3	DEVELOPMENT PLAN	0	11–9–23
2 OF 3	SEDIMENTATION & EROSION CONTROL PLAN	0	11–9–23
3 OF 3	NOTES & DETAILS	0	11–9–23
1 OF 1	LOW IMPACT DEVELOPMENT PLAN	0	11–9–23

PARCEL ID
002–3687

PLAN SET PREPARED BY:

D'ANDREA SURVEYING & ENGINEERING, P.C.
LEONARD C. D'ANDREA CT. PE No. 14869

11–9–23
DATE

ONLY COPIES OF THIS SET, BEARING AN ORIGINAL IMPRINT OF THE ENGINEER'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE TRUE, VALID COPIES.

D'ANDREA SURVEYING & ENGINEERING, P.C.
· LAND PLANNERS
· ENGINEERS
· SURVEYORS
P.O. BOX 549
RIVERSIDE, CT 06878
6 NEIL LANE
TEL. 637–1779

PROJECT	PROPOSED ADDITIONS	
PREPARED FOR	JESSICA DOMIZIANO	
LOCATION	65 STANTON LANE STAMFORD, CONNECTICUT	

REV.	DATE	DESCRIPTION
0	11–9–23	INITIAL SUBMISSION

23BL

SKYVIEW_23BL_COVER_0.DWG (AGR)

CONTOURS AND ELEVATIONS DEPICTED HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

THIS MAP IS A TOPOGRAPHIC SURVEY. TOPOGRAPHIC DATA IS IN ACCORDANCE WITH CLASS "T-2" TOPOGRAPHIC ACCURACY. BOUNDARY INFORMATION IS BASED ON A RESURVEY CONDUCTED IN ACCORDANCE WITH HORIZONTAL ACCURACY CLASS "A-2" AS DEFINED IN THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH SEC. 20-300b-20.

NEW MONUMENTATION HAS NOT BEEN SET IN THE COURSE OF MAKING THIS SURVEY.

ONLY COPIES OF THIS MAP, BEARING AN ORIGINAL IMPRINT OF THE SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE TRUE, VALID COPIES.

NEW MONUMENTATION HAS NOT BEEN SET AS A RESULT OF THIS TOPOGRAPHIC SURVEY.

REFER TO MAP No. 6101 S.L.R.

AREA = 26,958 S.F. OR 0.6189 ACRES

LAND LIES IN "R-20" ZONING DISTRICT

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

D'ANDREA SURVEYING & ENGINEERING, PC

Edwin W. Rhodes, SURVEYOR
EDWIN W. RHODES, III CT LS No. 70436
RIVERSIDE, CONNECTICUT JULY 31, 2023 OCTOBER 11, 2023 NOVEMBER 9, 2023

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION, INCLUDING PHYSICAL EVIDENCE, AND UTILITY COMPANY SKETCHES. DEPICTED UTILITIES ARE APPROXIMATE, AND MAY BE INCOMPLETE. SURVEY DECLARATION OF ACCURACY DOES NOT EXTEND TO THE PLOTTING OF UNDERGROUND UTILITIES. UNDERGROUND UTILITY LOCATION SHALL BE FIELD VERIFIED AND MARKED PRIOR TO COMMENCING ANY EXCAVATION ACTIVITIES, "CALL BEFORE YOU DIG," 1-800-922-4455.

1 INCH = 10 FEET

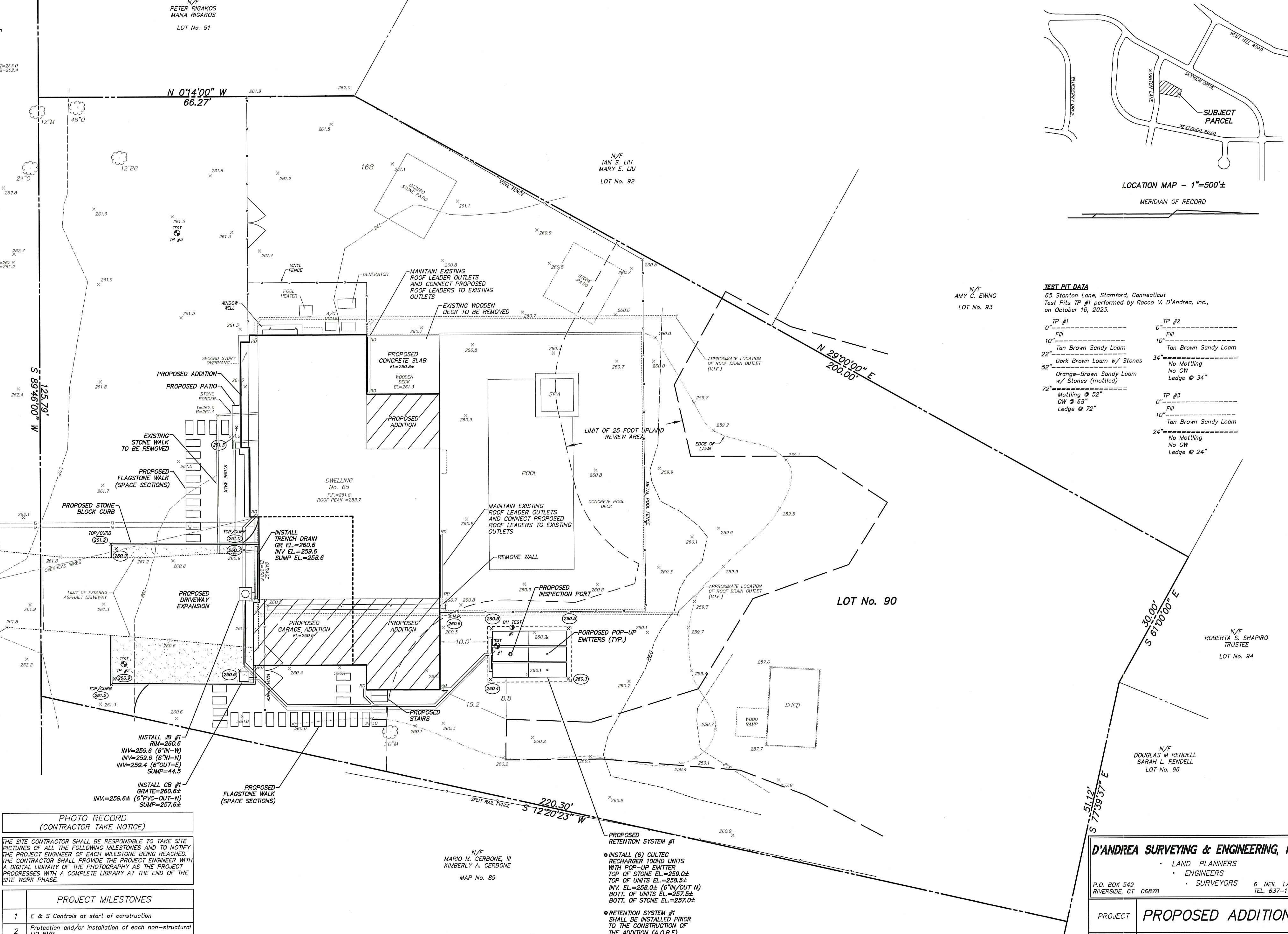
SCALE 10 0 10 IN FEET

TOPOGRAPHIC SURVEY
DEPICTING
65 STANTON LANE
IN
STAMFORD, CONNECTICUT
PREPARED FOR
JESSICA DOMIZIANO

GENERAL NOTES:

1. Refer to a map entitled "Topographic Survey" depicting 65 Stanton Lane in Stamford, Connecticut, as prepared by D'Andrea Surveying & Engineering, P.C. and dated October 11, 2023.
2. Refer to "Soil Report" dated 4/3/17 by Steven Danzer, PhD & Associates LLC.
3. Contours and elevations depicted hereon are referenced to the North American Vertical Datum of 1988 (NAVD 88).
4. In accordance with Connecticut Public Act 87–71 and Connecticut General Statutes (CGS) Sections 16–345 through 16–359, the contractor shall verify the depth and location of all utilities prior to commencing construction, and shall contact "Call Before You Dig, Inc." at 1.800.922.4455, 48 hours prior to commencing construction.
5. The locations of subsurface structures and utilities as depicted hereon indicate only that the structures exist, and no responsibility is assumed by the engineer or surveyor for the accuracy of the locations shown.
6. The contractor shall be responsible for securing all required permits from the City of Stamford for completion of the project.
7. The locations and elevations of the proposed storm drainage system depicted hereon may be modified with the approval of the project engineer to meet field conditions.
8. All construction shall comply with applicable sections of the State of Connecticut, Local, and International Building codes, and those criteria shall take precedent over these plans.
9. Certification will be required by a Professional Engineer licensed in the State of Connecticut that work has been completed in compliance with the approved drawings. A Final Location Plan, prepared by a licensed Land Surveyor in the State of Connecticut, will be required for submission.
10. The project engineer shall be notified a minimum of three working days prior to the commencement of construction.
11. Appropriate measure shall be taken to control any sedimentation and erosion which may result during construction. Sedimentation and erosion controls shall be maintened and repaired as necessary throughout construction until the site is stabilized.
12. All material excavated during construction must be disposed of legally off site.
13. Significantly sized trees shall be preserved to the greatest extent feasible.
14. Shoulders and disturbed areas shall receive four inches of topsoil; fine graded and seeded as soon as practical to prevent erosion.
15. Existing inverts on sanitary sewer lateral and utility services shall be field verified where appropriate, before commencing construction. The contractor shall excavate test pits wherever design conflicts may occur. The contractor shall notify the project engineer of the test pit schedule. Design conflicts if any, shall be brought to the immediate attention of the project engineer. Plate or backfill and patch test pits as directed by the project engineer.
16. Certification will be required by a professional engineer licensed in the State of Connecticut that work has been completed in compliance with the approved drawings.
17. A Final Location Plan will be required by a professional land surveyor licensed in the State of Connecticut.
18. Granite block or other decorative stone or brick, depressed curb, driveway apron, and curbing within the City of Stamford Right–of–Way shall require a waiver from the City of Stamford Engineering Bureau.
19. All PVC pipe shall conform to ASTM D–3034 "standard specification for type PSM–Poly Vinyl Chloride (PVC) sewer pipe and fitting", or engineer approved equivalent (SDR–35).
20. The contractor shall provide all the equipment, tools, labor and materials necessary to satisfactorily clean and remove all visible obstructions, dirt, sand, sludge, roots, gravel, stones, etc., from the designated drains and manholes.
21. Processed aggregate shall be in accordance with the City of Stamford standards and/or Connecticut State Highway specifications.
22. A 6" layer of crushed stone shall be placed under any exterior decks and/or open stairways.
23. Refer to architectural plans as prepared by Marc G. Andre Architects, LLC.

AREA = 26,958 S.F. OR 0.6189 ACRES
REFER TO MAP No. 6101 S.L.R.
LAND LIES IN "R–20" ZONE



TEST PIT DATA

65 Stanton Lane, Stamford, Connecticut
Test Pits TP #1 performed by Rocco V. D'Andrea, Inc., on October 16, 2023.

TP #1
- 0"–10": Fill
- 10"–22": Tan Brown Sandy Loam
- 22"–52": Dark Brown Loam w/ Stones
- 52"–72": Orange–Brown Sandy Loam w/ Stones (mottled)
- 72": Mottling @ 52", GW @ 68", Ledge @ 72"

TP #2
- 0"–10": Fill
- 10"–34": Tan Brown Sandy Loam
- 34": No Mottling, No GW, Ledge @ 34"

TP #3
- 0"–10": Fill
- 10"–24": Tan Brown Sandy Loam
- 24": No Mottling, No GW, Ledge @ 24"

SYMBOL LEGEND

Symbol	Description
---22---	EXISTING CONTOUR
× 22.2	EXISTING SPOT ELEVATION
× T=22.2 B=21.1	EXISTING TOP/BOTTOM ELEVATION
(22)	PROPOSED CONTOUR
× (22.2)	PROPOSED SPOT ELEVATION
	DECIDUOUS/CONIFEROUS TREE
	EXISTING TREE TO BE REMOVED
	RETAINING WALL
	PROPERTY LINE
	FENCE
A.O.B.E.	AS ORDERED BY ENGINEER
V.I.F.	VERIFY IN FIELD
H.P.	HIGH POINT
RD	ROOF DRAIN
PVC	POLYVINYL CHLORIDE
GR	GRATE ELEVATION
INV	INVERT ELEVATION
FF	FIRST FLOOR
TEST	TEST PIT
BH TEST	BOREHOLE INFILTRATION TEST
4	WETLANDS FLAG
—W—	UTILITY SERVICE: E=ELECTRIC/COMM., G=GAS W=WATER, P=PROPANE

TREE LEGEND

BG – BLACKGUM
M – MAPLE
O – OAK

PHOTO RECORD (CONTRACTOR TAKE NOTICE)

THE SITE CONTRACTOR SHALL BE RESPONSIBLE TO TAKE SITE PICTURES OF ALL THE FOLLOWING MILESTONES AND TO NOTIFY THE PROJECT ENGINEER OF EACH MILESTONE BEING REACHED. THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER WITH A DIGITAL LIBRARY OF THE PHOTOGRAPHY AS THE PROJECT PROGRESSES WITH A COMPLETE LIBRARY AT THE END OF THE SITE WORK PHASE.

	PROJECT MILESTONES
1	E & S Controls at start of construction
2	Protection and/or installation of each non–structural LID BMP
3	Soils verification for each detention/retention/structural LID BMP
4	Amended soils verification for each BMP
5	Each detention/retention/structural LID BMP during construction
6	Each detention/retention/structural LID BMP prior to backfilling/completion
7	Each detention/retention/structural LID BMP at completion
8	Final site inspection throughout site

REV.	DATE	DESCRIPTION
0	11–9–23	INITIAL SUBMISSION

LEONARD C. D'ANDREA, CT PE No. 14869
ENGINEER 11–9–23

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D'ANDREA SURVEYING & ENGINEERING, P.C.
· LAND PLANNERS · ENGINEERS · SURVEYORS
P.O. BOX 549 RIVERSIDE, CT 06878
6 NEIL LANE TEL. 637–1779

PROJECT	PROPOSED ADDITIONS
PREPARED FOR	JESSICA DOMIZIANO
LOCATION	65 STANTON LANE STAMFORD, CONNECTICUT
1 OF 3	DEVELOPMENT PLAN

23BL

SKYVIEW_23BL_DP_0.DWG (AGR)

AREA = 26,958 S.F. OR 0.6189 ACRES
REFER TO MAP No. 6101 S.L.R.
LAND LIES IN "R-20" ZONE

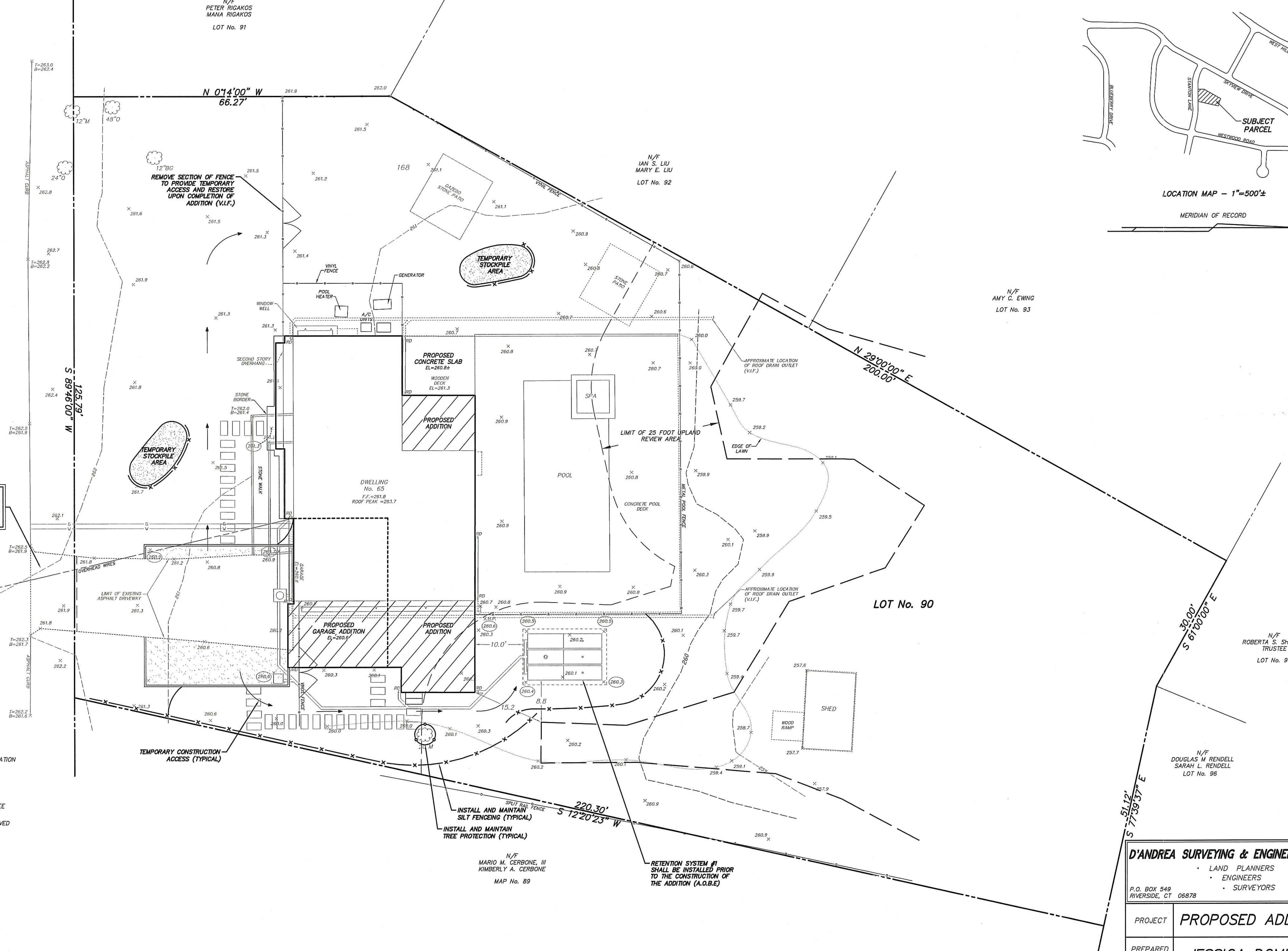
SEDIMENTATION AND EROSION CONTROL NOTES:

1. Temporary soil and erosion control measures, inclusive of filter barriers, water breaks, check dams, and anti-tracking areas, shall remain in place for as long as necessary to permanently stabilize developed areas.
2. Erosion and sediment control devices shall be installed in their proper sequence. No clearing or grading may be done in any area until the erosion control devices for that area, as shown on the plan, are in place and functional.
3. Natural vegetation shall be maintained and protected where practical.
4. All sediment and erosion control devices and provisions shall be maintained in operational condition by the contractor until final acceptance of the project.
5. No changes of this soil erosion and sediment control plan may be made without prior approval of the supervising engineer.
6. Land disturbance is to be kept to a minimum. Re-establishment and/or stabilization of disturbed areas shall be scheduled as soon as practical.
7. Erosion controls shall be monitored periodically to verify that they are maintained in effective working order. If, during construction, additional control measures are necessary, they shall be installed by that contractor.
8. Sediment or debris shall be removed from the drainage pipes and structures as it accumulates during construction. It shall be disposed of in a manner which is consistent with the intent of this plan.
9. The contractor may provide alternate means of sediment control, but he may not eliminate placement of protection in the areas indicated hereon.
10. Sediment fencing shall be installed where required prior to commencing construction. Fencing shall be Propex Silt Stop (TM) as manufactured by Amoco, or engineer approved equivalent.
11. The contractor shall re-grade, topsoil, and seed all disturbed areas immediately after construction has been completed.
12. All designated trees shall be protected during the construction period, except those designated to be removed. Tree protection shall be in accordance with generally accepted standards. (Refer to the Connecticut Guidelines for Soil Erosion and Sediment Control (2002) for details and specifications).
13. Copies of the EPB permit and the Sedimentation and Erosion Control Plan are to be maintained at the site, and provided to the project foreman and subcontractors prior to the start of work at or before the on-site meeting with staff.
14. Additional protection measures shall be implemented should site conditions warrant them.
15. Refer to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) for additional details and specifications.

CONSTRUCTION STAGING:

1. Install sedimentation and erosion controls.
2. Rough in proposed driveway and construction access.
3. Strip topsoil and stockpile it with appropriate sedimentation and erosion control measures.
4. Excavate for proposed dwelling foundations.
5. Install Retention System #1.
6. Construct proposed dwelling foundations.
7. Install roof drainage piping as required.
8. Backfill and rough grade around dwelling foundations, stabilize all slopes.
9. Construct proposed dwellings additions.
10. Construct driveway and curbing.
11. Construct steps and walkways.
12. Fine grade and stabilize all slopes.
13. Landscape as required.
14. Remove sedimentation and erosion controls.

DRIVEWAY AND STREET SHALL BE SWEPT CLEAN AS REQUIRED TO MINIMIZE TRACKING OF MUD AND DUST ONTO STANTON LANE.



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TREE LEGEND
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M – MAPLE
O – OAK

REV.	DATE	DESCRIPTION
0	11-9-23	INITIAL SUBMISSION

LEONARD C. D'ANDREA, CT PE No. 14869
[signature] 11-9-23
ENGINEER

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P.O. BOX 549
RIVERSIDE, CT 06878
6 NEIL LANE
TEL. 637-1779

PROJECT	PROPOSED ADDITIONS
PREPARED FOR	JESSICA DOMIZIANO
LOCATION	65 STANTON LANE STAMFORD, CONNECTICUT
2 OF 3	SEDIMENTATION AND EROSION CONTROL PLAN

23BL

SKYVIEW_23BL_SE_0.DWG (AGR)

CONSTRUCTION NOTES:

1. In accordance with Connecticut Public Act 87–71 and Connecticut General Statutes Sections 16–345 through 16–359, the owner or the contractor shall be required to verify the depth and location of all utilities prior to commencing construction, and shall contact "Call Before You Dig, Inc." at 1–800–922–4455, 48 hours prior to commencing construction for mark out of underground utilities.
2. The contractor shall be solely responsible to coordinate his work with the work being done by others. The contractor shall likewise bear the responsibility for delays or other factors related to the work by others. No claims shall be allowed due to the contractor's failure to adequately coordinate such work.
3. THE CITY OF STAMFORD ENGINEERING BUREAU SHALL BE NOTIFIED THREE DAYS PRIOR TO THE COMMENCEMENT OF EACH PHASE OF CONSTRUCTION AFFECTING THE CITY RIGHT–OF–WAY.
4. All construction shall comply with applicable sections of the State of Connecticut, Local, and International Building codes, and those criteria shall take precedent over these plans.
5. All construction shall be inspected by a professional engineer prior to backfill and as the work progresses.
6. The project engineer shall be notified a minimum of three working days prior to the commencement of each phase of construction.
7. Appropriate measures shall be taken to control any sedimentation and erosion which may result during construction.
8. All excavated material shall be stockpiled and contained on–site within silt fencing. The contractor shall be responsible for the removal of all excess material excavated during construction. All excess material shall be removed in a careful and environmentally sound manner and shall be disposed of legally off–site.
9. All specimen trees shall be protected during the construction period, except those specifically designated to be removed, in accordance with generally accepted standards.
10. The proposed building shall be designed by an architect in order to conform with current applicable zoning setback criteria and regulations, and a building permit shall be obtained prior to commencing construction.
11. Existing utilities in conflict through or above this parcel shall be relocated as directed by the appropriate utility company or the owner. The contractor shall excavate test pits to verify the location and depth of utilities where conflicts may exist.
12. Pavement replacement shall be bituminous concrete, placed in accordance with the City of Stamford standards and/or Connecticut State Highway specifications.
13. Shoulders and disturbed areas shall receive four inches of topsoil; fine graded and seeded as soon as practical to prevent erosion.
14. The contractor shall not commence any paving until the grading and shaping of the compacted gravel base has been approved by the project engineer.
15. Re–grading, filling, and other such alterations to the site shall be restricted to the minimum level necessary to complete the project as shown on the plan.
16. Existing inverts on storm drains, sanitary sewers, and utility conduits shall be field verified where appropriate, before commencing construction. The contractor shall excavate test pits where indicated hereon or wherever design conflicts may occur. The contractor shall notify the project engineer of the test pit schedule. Design conflicts if any, shall be brought to the immediate attention of the project engineer. Plate or backfill and patch test pits as directed by the project engineer.
17. The project engineer with the approval of the City of Stamford, may direct a change in the location of the storm drainage or sanitary sewer structures to meet field conditions.
18. On–site driveway catch basins shall be 24"x24" as manufactured by Eastern Precast Co., Inc., with Pattern No. 2815, cast iron frame and grate, as manufactured by Campbell Foundry, Co., or engineer approved equal, unless noted otherwise. All catch basins shall have 2' (minimum) sumps and bell traps, installed immediately upon making pipe connections, unless noted otherwise.
19. All gravity PVC storm drain and sanitary sewer pipes shall conform to ASTM D 3034 "Standard Specification for type PSM Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings" or approved equal (SDR35). Bends in pipes shall not exceed 45 degrees.
20. Where unsuitable foundation is encountered during construction of storm drains or sanitary sewers, the contractor shall remove the unsuitable material and replace it with other material approved by the project engineer.
21. Bedding and backfill material shall conform to ASTM D2321 specification "standard recommended practice for underground installations of flexible thermoplastic sewer pipe (PVC)."
22. All site drainage connections shall be sloped at 2% (minimum) or as otherwise noted.
23. All drainage and sewer conduits if located under a paved or traveled way shall have 1 foot minimum cover for residential driveways and 2 1/2 foot minimum cover within the municipal right–of–way, or be encased in concrete as ordered by the supervising engineer.
24. The contractor shall provide all equipment, tools, labor and materials necessary to satisfactorily clean and remove all visible obstructions, dirt, sand, sludge, roots, gravel, stones, etc., from the storm drains, sanitary sewers, and manholes.
25. Processed aggregate shall be in accordance with the City of Stamford standards and/or Connecticut State Highway specifications.
26. Individual residential driveway pavement shall be one course of 2 1/2" compacted Class 2 bituminous concrete with a 6" processed aggregate base.
27. All retaining walls greater than three feet are required to be designed, and inspected during construction by a Professional Engineer registered in the State of Connecticut. A Retaining Wall Certification Sign–Off and Retaining Wall Field Inspection Record form shall be submitted prior to the issuance of a Certificate of Occupancy.
28. All detention/retention systems shall be installed per manufacturers specifications. All systems shall use a manifold system to distribute runoff evenly into each row of infiltrators. The manifold shall be installed on the inlet and overflow sides.
29. The contractor shall be responsible for securing all required permits from the City of Stamford for completion of the project, including but not limited to Health Department approval.

Standard City of Stamford Notes:

1. A Street Opening Permit is required for all work within the City of Stamford Right–of–Way.
2. All work within the City of Stamford Right–of–Way shall be constructed to City of Stamford requirements, the State of Connecticut Basic Building Code and the Connecticut Guidelines for Soil Erosion and Sedimentation Control.
3. The Engineering Bureau of the City of Stamford shall be notified three days prior to any commencement of construction or work within the City of Stamford Right–of–Way.
4. Trees within the City of Stamford Right–of–Way to be removed shall be posted in accordance with the Tree Ordinance.
5. Prior to any excavation the Contractor and/or Applicant/Owner, in accordance with Public Act 77–350, shall be required to contact "Call Before You Dig" at 1–800–922–4455 for mark out of underground utilities.
6. All retaining walls three (3) feet or higher measured from finished grade at the bottom of the wall to finished grade at the top of the wall and retaining walls supporting a surcharge or impounding Class I, II or III–A liquids are required to have a Building Permit. Retaining walls shall be designed and inspected during construction by a Professional Engineer licensed in the State of Connecticut. Prior to the issuance of a Certificate of Occupancy, retaining walls shall be certified by a Professional Engineer licensed in the State of Connecticut.
7. Certification will be required by a professional engineer licensed in the State of Connecticut that work has been completed in compliance with the approved drawings.
8. A Final Improvement Location Survey will be required by a professional land surveyor licensed in the State of Connecticut.
9. Connection to a city–owned storm sewer shall require the Waiver Covering Storm Sewer Connection to be filed with the City of Stamford Engineering Bureau.
10. Granite block or other decorative stone or brick, depressed curb, driveway apron and curbing within the City of Stamford Right–of–Way shall require the Waiver Covering Granite Block Depressed Curb and Driveway Aprons to be filed with the City of Stamford Engineering Bureau.
11. Sediment and erosion controls shall be maintained and repaired as necessary throughout construction until the site is stabilized.
12. To obtain a Certificate of Occupancy, submittal must include all items outlined in the Checklist for Certificate of Occupancy (Appendix D of the City of Stamford Drainage Manual).
13. Reference EPB Permit #, Zoning Permit #, Zoning Board of Appeals #, Subdivision #, if applicable.

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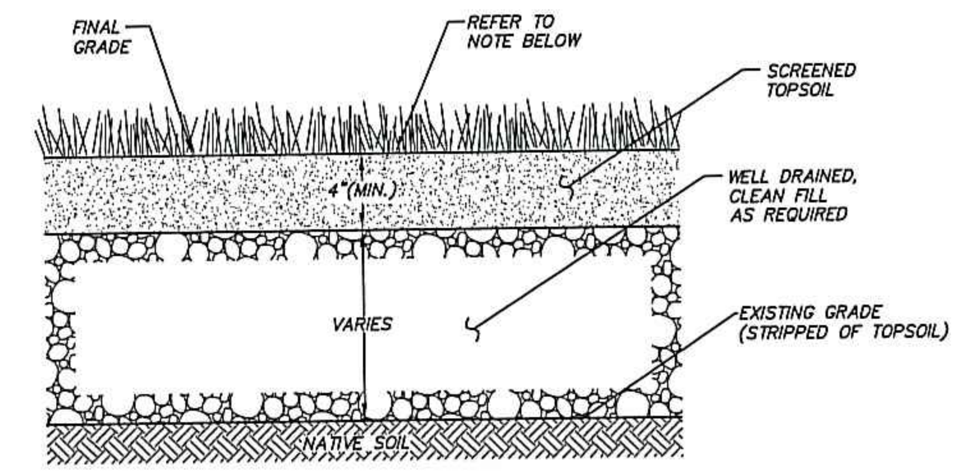


LAWN RESTORATION DETAIL
N.T.S.

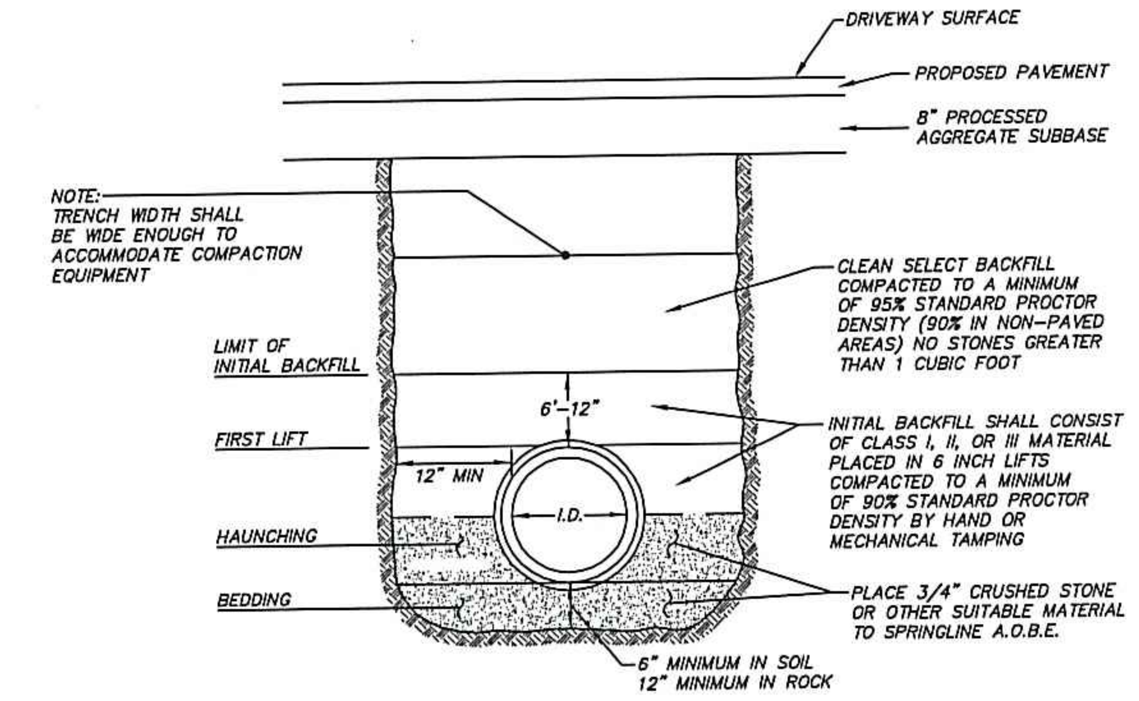
NOTE:

1. Land disturbance shall be kept to a minimum. All disturbed areas shall be planted in where permanent plantings are called for as soon as practicable. Seed and mulch disturbed areas with grass seed where permanent plantings are not called for, 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. Reseed or overseed if necessary.

Temporary Seed Mix:
Perennial ryegrass 40 lbs/ac.

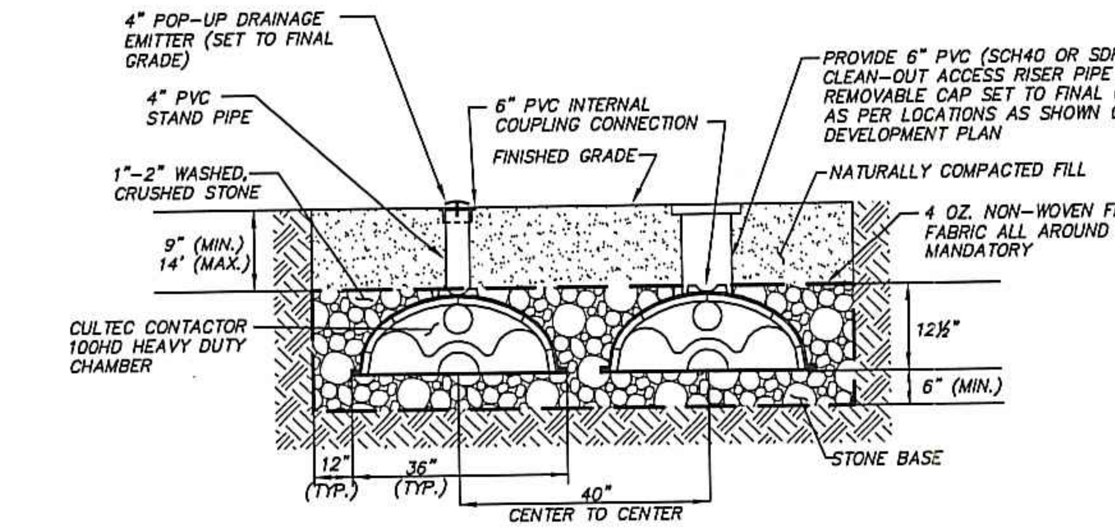
Permanent Lawns:
Kentucky Bluegrass 20 lbs/ac.
Creeping red fescue 20 lbs/ac.
Perennial ryegrass 5 lbs/ac.
(1 lb/1000 sf.)

Optimum Seeding Dates:
April 15 through June 15
August 15 through October 1 45 lbs/ac.
(1 lb/1000 sf.)



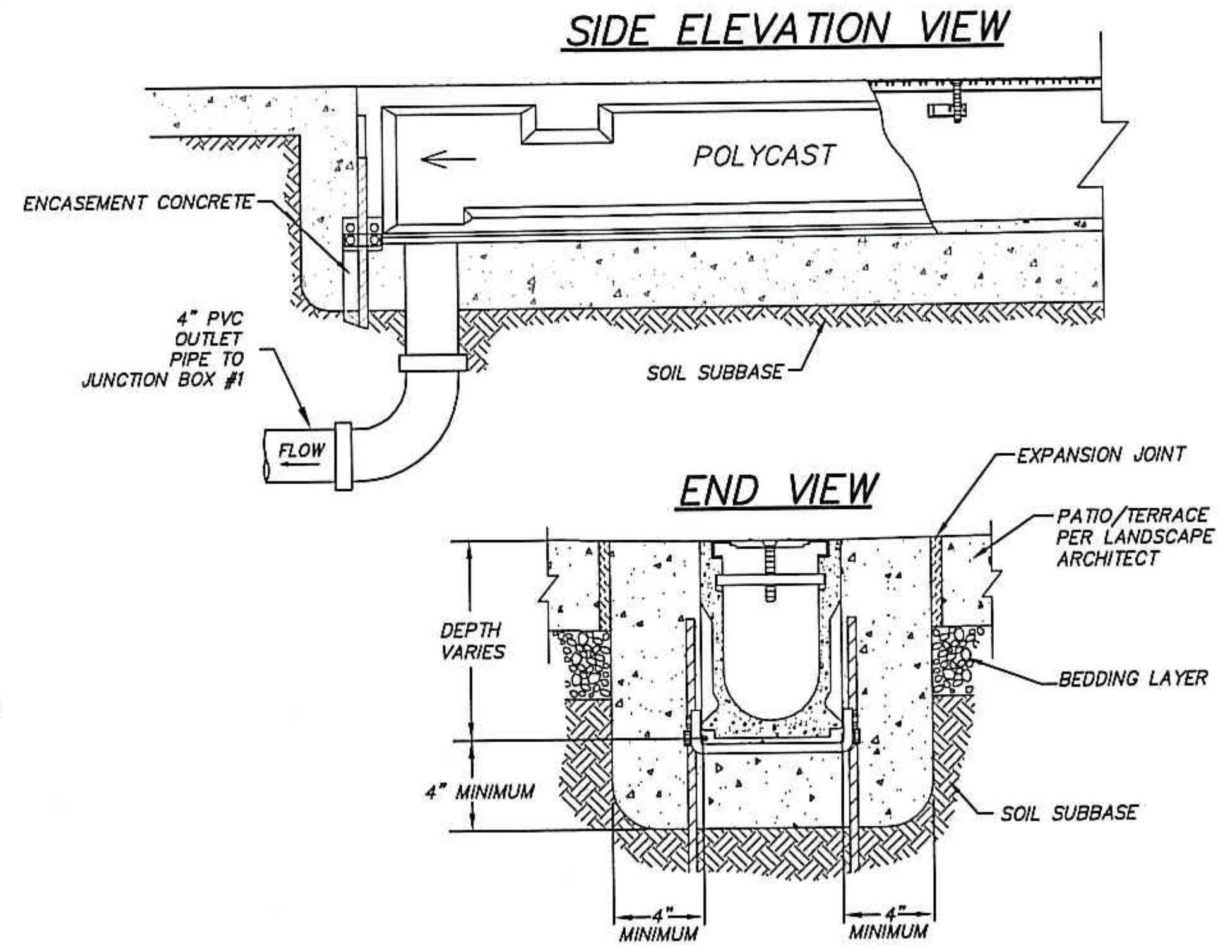
DETAIL FOR PVC STORM DRAIN INSTALLATION
N.T.S.

NOTES:
1. REFER TO ASTM D2321 (STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY–FLOW APPLICATIONS) FOR TRENCHING SPECIFICATIONS.



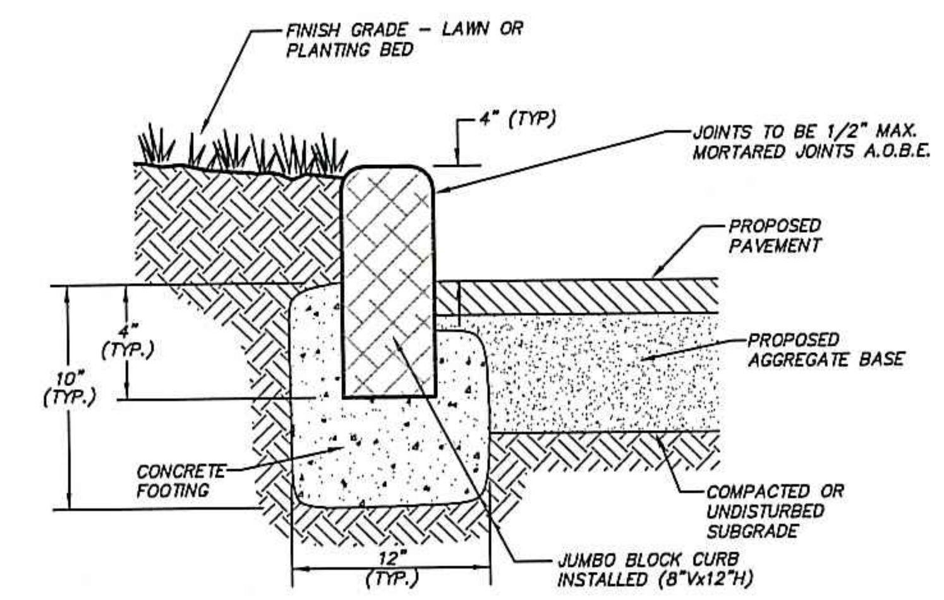
TYPICAL CROSS SECTION DETAIL CULTEC CHAMBER SYSTEM CONTACTOR 100HD UNPAVED (H–10) LOADING
N.T.S.

NOTES:
1. STORMWATER CHAMBERS SHALL BE MANUFACTURED BY CULTEC, INC. (800) 428–5832 OR ENGINEER APPROVED EQUAL.
2. ALL CHAMBERS SHALL BE INSTALLED ACCORDING TO MANUFACTURER SPECIFICATIONS.
3. THE SOILS BENEATH THE INFILTRATION SYSTEM SHALL BE SCARIFIED OR TILLED TO IMPROVE INFILTRATION.

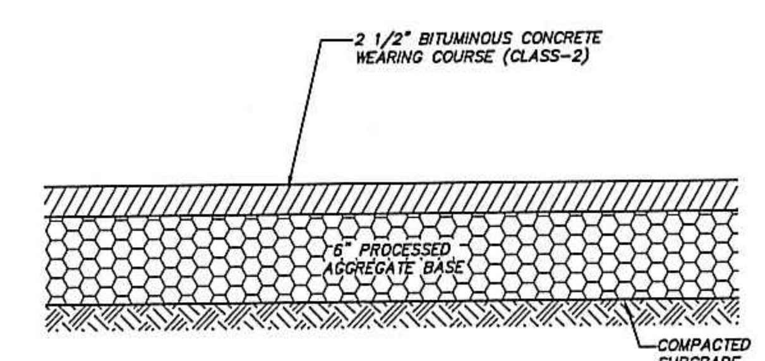


NOTES:
–CONCRETE STRENGTH, THICKNESS AND REINFORCEMENT BE DETERMINED BY THE STRUCTURAL ENGINEER.
–REFER TO POLYCAST® INSTALLATION GUIDE FOR COMPLETE DETAILS.
–EXPANSION JOINTS SHOULD BE USED TO PROTECT THE CHANNEL AND CONCRETE ENCASEMENT.

POLYCAST 600 SERIES TRENCH DRAIN DETAIL
N.T.S.



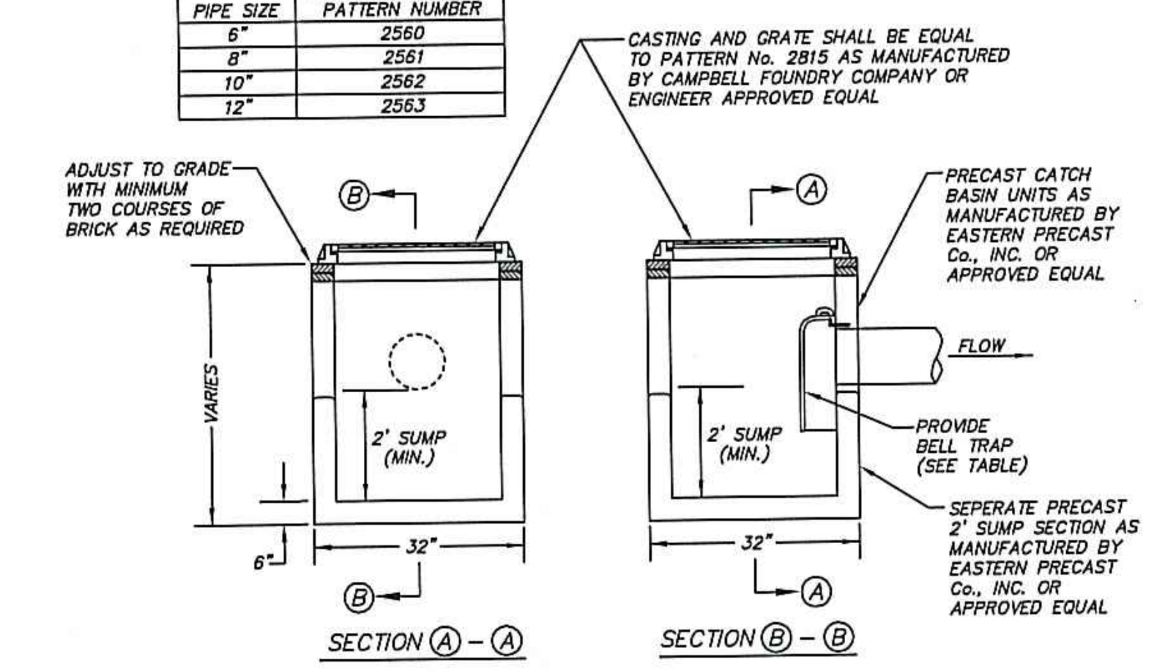
JUMBO BLOCK CURB
N.T.S.



ASPHALT DRIVEWAY DETAIL
N.T.S.

TABLE FOR CATCH BASIN TRAP ASSEMBLY

PIPE SIZE	CAMPBELL FOUNDRY PATTERN NUMBER
6"	2560
8"	2561
10"	2562
12"	2563



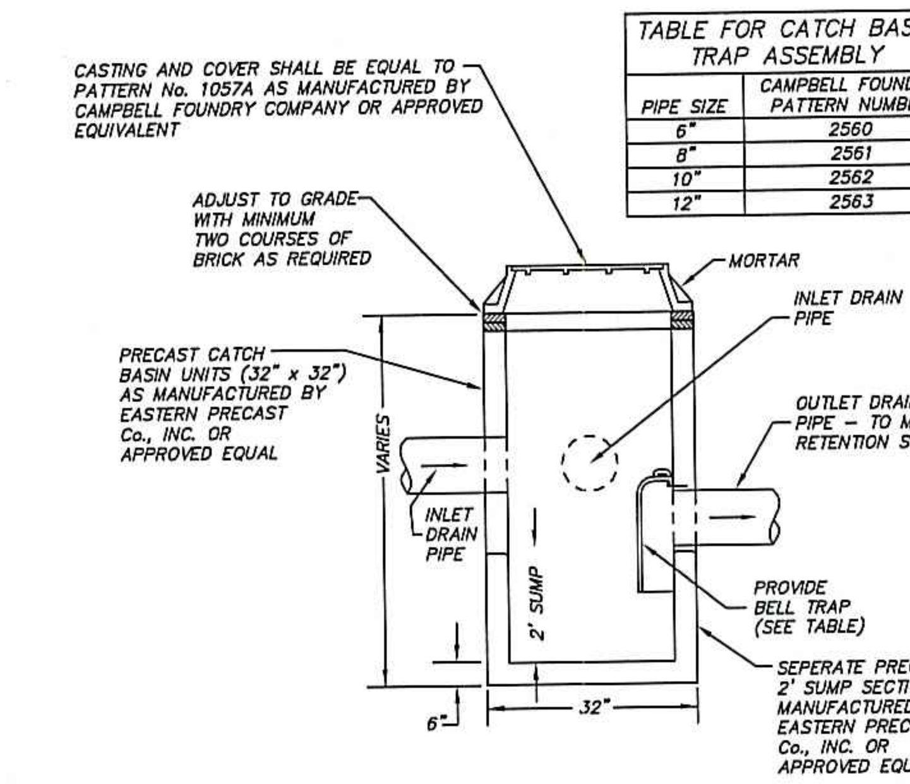
DRIVEWAY CATCH BASIN DETAIL TYPE "CL"
N.T.S.

SUMP NOTE:
CATCH BASIN SHALL HAVE A MINIMUM SUMP OF 2 FEET AS MEASURED FROM THE LOWEST PIPE INVERT ELEVATION TO THE INTERIOR BOTTOM OF THE STRUCTURE.

CONTRACTOR SHALL PURCHASE AND INSTALL A SEPARATE SUMP SECTION. NO OUTLET OR INLET PIPES SHALL PENETRATE THE BOTTOM SUMP SECTION.

TABLE FOR CATCH BASIN TRAP ASSEMBLY

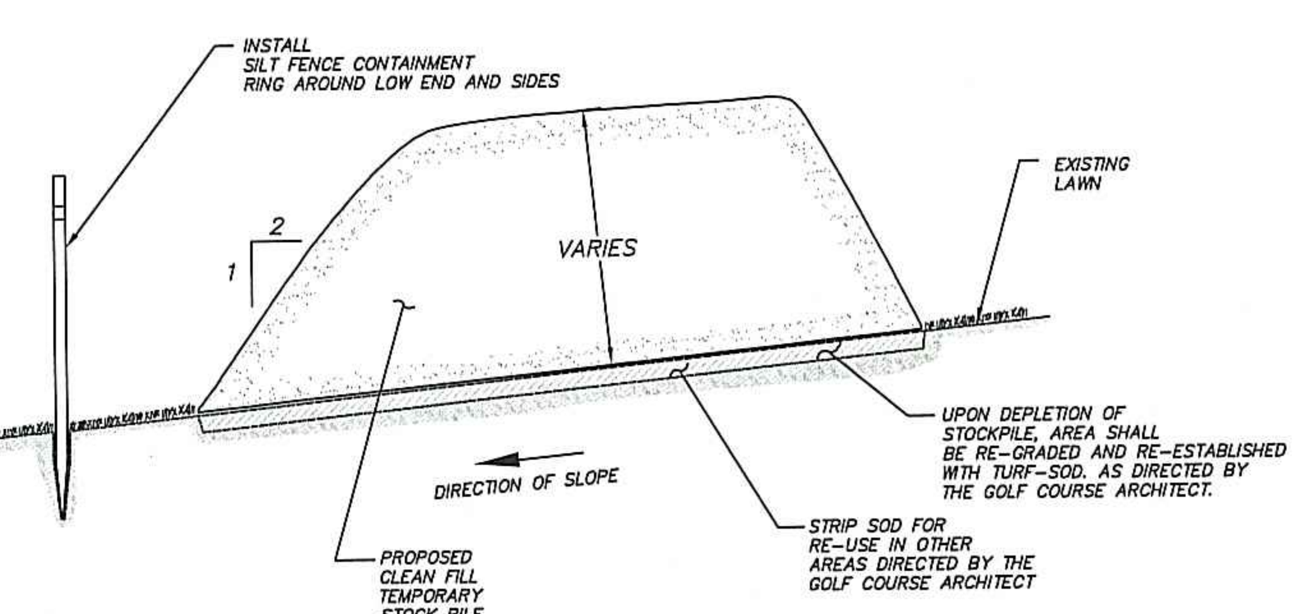
PIPE SIZE	CAMPBELL FOUNDRY PATTERN NUMBER
6"	2560
8"	2561
10"	2562
12"	2563



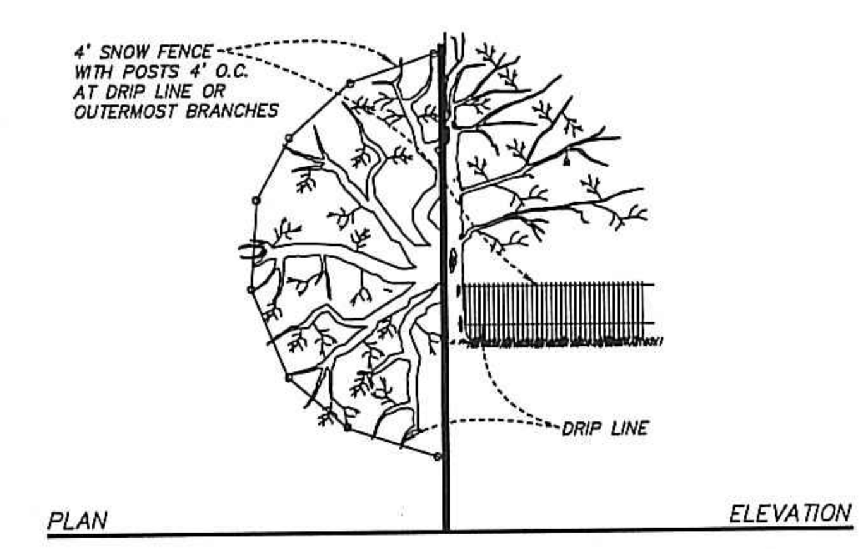
JUNCTION BOX DETAIL
N.T.S.

SUMP NOTE:
JUNCTION BOX SHALL HAVE A MINIMUM SUMP OF 2 FEET AS MEASURED FROM THE LOWEST PIPE INVERT ELEVATION TO THE INTERIOR BOTTOM OF THE STRUCTURE.

CONTRACTOR SHALL PURCHASE AND INSTALL A SEPARATE SUMP SECTION. NO OUTLET OR INLET PIPES SHALL PENETRATE THE BOTTOM SUMP SECTION.

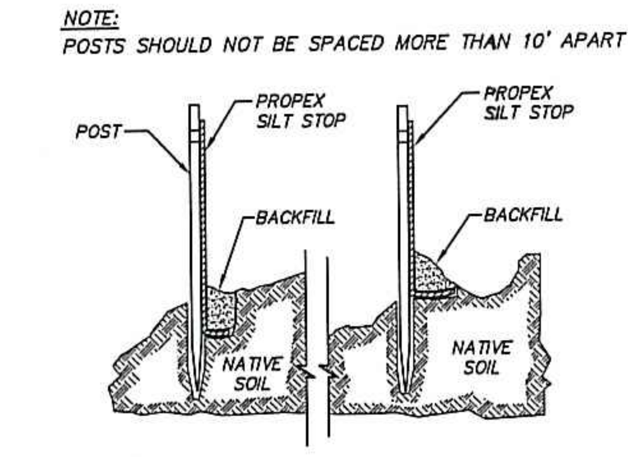


TEMPORARY STOCKPILE DETAIL
N.T.S.



TREE PROTECTION
N.T.S.

NOTE:
POSTS SHOULD NOT BE SPACED MORE THAN 10' APART



INSTALLATION DETAIL SEDIMENT CONTROL FABRIC
N.T.S.

D'ANDREA SURVEYING & ENGINEERING, PC
• LAND PLANNERS
• ENGINEERS
• SURVEYORS
P.O. BOX 549
RIVERSIDE, CT 06878
6 NEIL LANE
TEL. 637–1779

0	11–9–23	INITIAL SUBMISSION
REV.	DATE	DESCRIPTION

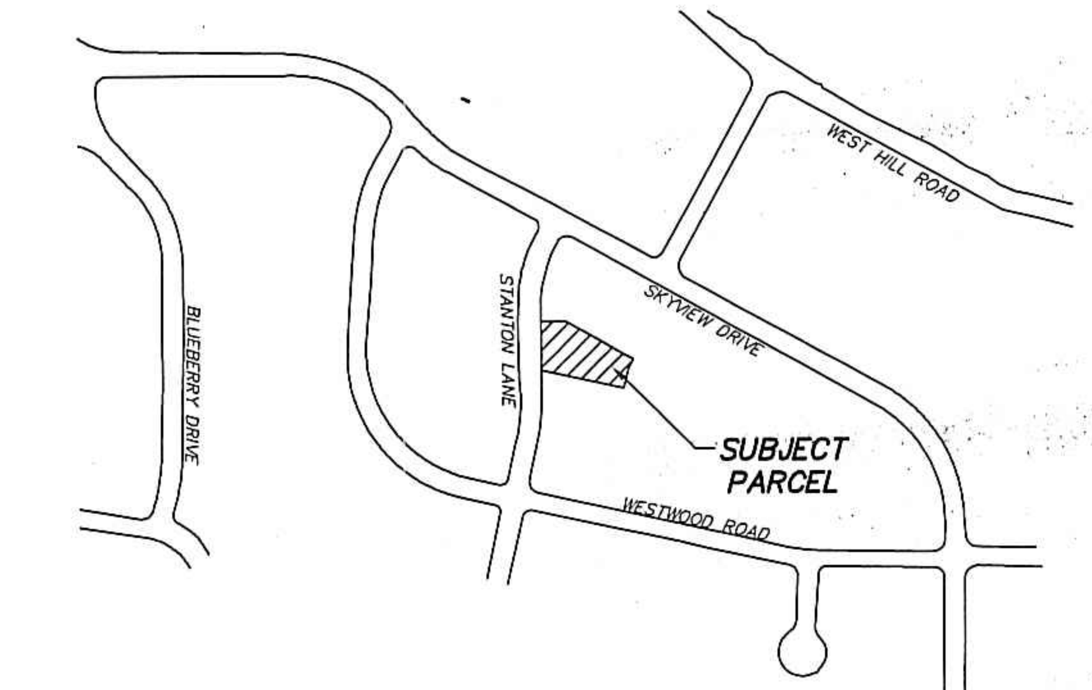
LEONARD C. D'ANDREA, CT. PE No. 14869
11–9–23
ENGINEER

ONLY COPIES OF THIS MAP, BEARING AN ORIGINAL IMPRINT OF THE ENGINEER'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE TRUE, VALID COPIES.

PROJECT	PROPOSED ADDITIONS
PREPARED FOR	JESSICA DOMIZIANO
LOCATION	65 STANTON LANE STAMFORD, CONNECTICUT
3 OF 3	NOTES AND DETAIL

23BL

AREA = 26,958 S.F. OR 0.6189 ACRES
REFER TO MAP No. 6101 S.L.R.
LAND LIES IN "R-20" ZONE



LOCATION MAP – 1"=500'±

MERIDIAN OF RECORD

NOTES:

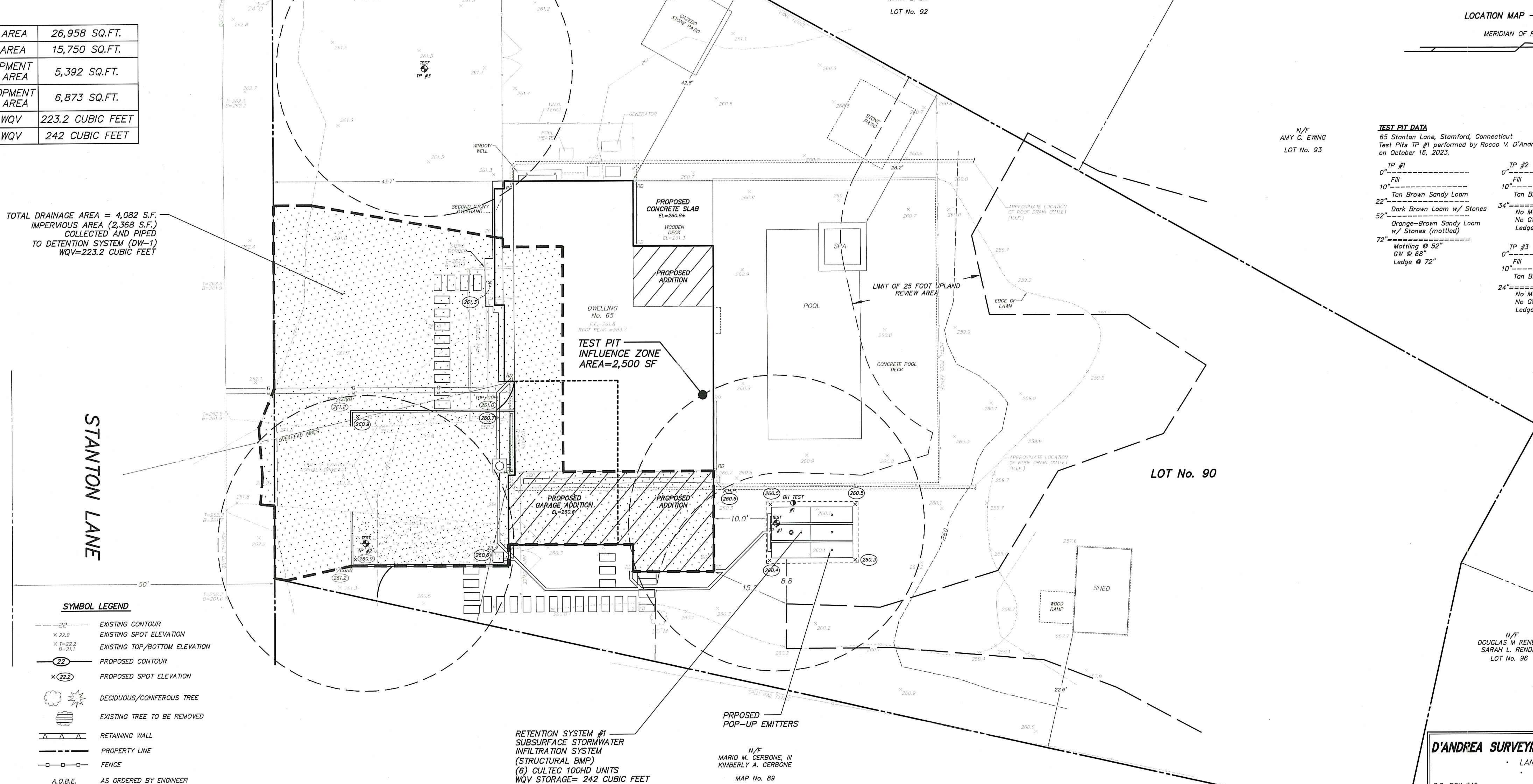
1. The purpose of this plan is only to hi–lite the Low Impact Developement portions of the project, as per Town requirements. This plan shall not be used for any other portion of construction.
2. Elevations shown are based on the North American Vertical Datum of 1988 (NAVD 88.) The contractor shall coordinate the transfer of a control benchmark into the working area, after site preparation is complete, by a licensed surveyor.
3. Refer to Sheet 1 of 3 for a detailed depiction of the proposed site improvements.

HYDROLOGIC SOIL GROUP SUMMARY

THE PROPOSED IMPROVEMENTS ARE LOCATED IN (2) SOIL GROUPS COMPOSED OF: RIDGEBURY, LEICESTER, AND WHITMAN SOILS, EXTREMELY STONEY (HSG D). SUTTON FINE SANDY LOAM, VERY STONEY (HSG B/D).

SOIL INFORMATION TAKEN FROM THE NATURAL RESOURCES CONSERVATION SERVICE (NRCS).

TOTAL SITE AREA	26,958 SQ.FT.
DISTURBED AREA	15,750 SQ.FT.
PRE–DEVELOPMENT IMPERVIOUS AREA	5,392 SQ.FT.
POST–DEVELOPMENT IMPERVIOUS AREA	6,873 SQ.FT.
REQUIRED WQV	223.2 CUBIC FEET
PROVIDED WQV	242 CUBIC FEET



TEST PIT DATA

65 Stanton Lane, Stamford, Connecticut
Test Pits TP #1 performed by Rocco V. D'Andrea, Inc., on October 16, 2023.

TP #1
0"———————
Fill
10"———————
Tan Brown Sandy Loam
22"———————
Dark Brown Loam w/ Stones
52"———————
Orange–Brown Sandy Loam w/ Stones (mottled)
72"=======
Mottling @ 52"
GW @ 68"
Ledge @ 72"

TP #2
0"———————
Fill
10"———————
Tan Brown Sandy Loam
34"=======
No Mottling
No GW
Ledge @ 34"

TP #3
0"———————
Fill
10"———————
Tan Brown :Sandy Loam
24"=======
No Mottling
No GW
Ledge @ 24"

SYMBOL LEGEND

——22——	EXISTING CONTOUR
× 22.2	EXISTING SPOT ELEVATION
× T=22.2 B=21.1	EXISTING TOP/BOTTOM ELEVATION
—(22)—	PROPOSED CONTOUR
×(22.2)	PROPOSED SPOT ELEVATION
	DECIDUOUS/CONIFEROUS TREE
	EXISTING TREE TO BE REMOVED
	RETAINING WALL
— — — —	PROPERTY LINE
—o—o—	FENCE
A.O.B.E.	AS ORDERED BY ENGINEER
V.I.F.	VERIFY IN FIELD
H.P.	HIGH POINT
RD	ROOF DRAIN
PVC	POLYVINYL CHLORIDE
GR	GRATE ELEVATION
INV	INVERT ELEVATION
FF	FIRST FLOOR
TEST TP	TEST PIT
BH TEST	BOREHOLE INFILTRATION TEST
	WETLANDS FLAG
——W——	UTILITY SERVICE: E=ELECTRIC/COMM., G=GAS W=WATER, P=PROPANE

TREE LEGEND

BG – BLACKGUM
M – MAPLE
O – OAK

1 INCH = 10 FEET
SCALE
10 0 10
IN FEET

REV.	DATE	DESCRIPTION
0	11–9–23	INITIAL SUBMISSION

LEONARD C. D'ANDREA, CT PE No. 14869
11–9–23
ENGINEER

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PROJECT	PROPOSED ADDITIONS
PREPARED FOR	JESSICA DOMIZIANO
LOCATION	65 STANTON LANE STAMFORD, CONNECTICUT
1 OF 1	LOW IMPACT DEVELOPMENT PLAN

23BL

SKYVIEW_23BL_LID_O.DWG (AGR)