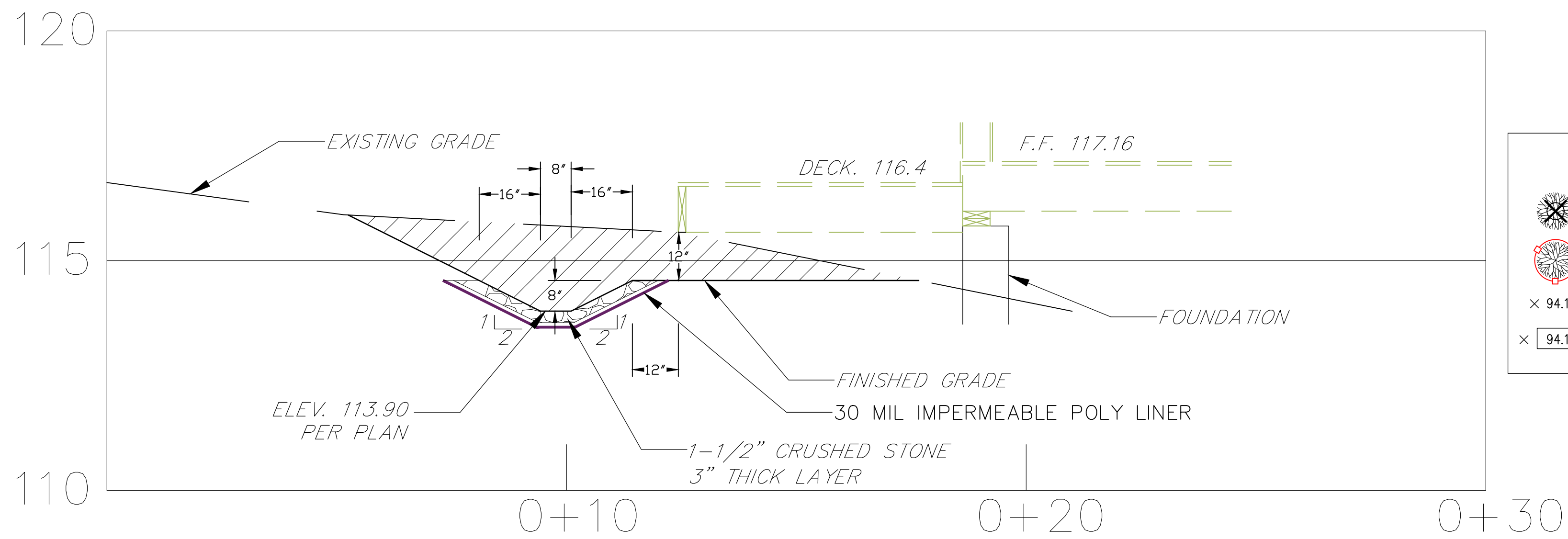


SECTION A-A

SCALE: 1" = 2'



SECTION B-B

SCALE: 1" = 2'

Zone: RA-1  
Area = 54,500 Sq. Ft.  
1.2511 Acres

LEGEND

- Tree To Be Removed
- Tree Protection
- Existing Elevations
- Proposed Elevations
- Existing Contours
- Proposed Contours
- Erosion Control Fence
- Deep Test Hole
- Perc Test

SEDIMENTATION AND EROSION CONTROL NOTES

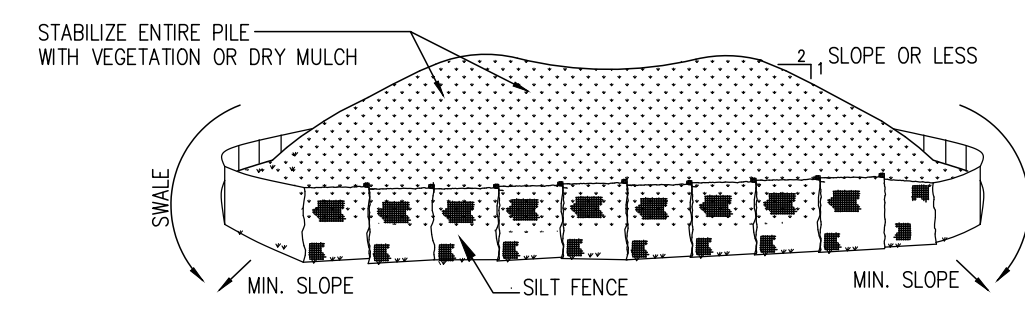
- Erosion and sediment control devices shall be installed in their proper sequence. No clearing or grading may be done in any area until the erosion control devices for that area, as shown on the plan, are in place and functional.
- All sediment and erosion control devices and provisions shall be maintained in operational condition by the contractor until final acceptance of the project.
- No changes of this soil erosion and sediment control plan may be made without prior approval of the supervising engineer.
- The contractor may provide alternate means of sediment control, but he may not eliminate placement of protection in the areas indicated herein.
- Natural vegetation shall be maintained and protected where practical.
- Land disturbance is to be kept to a minimum. Re-establishment and/or stabilization of disturbed areas shall be scheduled as soon as practical.
- 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.
- The contractor shall re-grade, topsoil, and seed all disturbed areas immediately after construction has been completed.
- Sediment fencing shall be installed where required prior to commencing construction, and shall remain in place for the duration of the project. Fencing shall be Proper Silt Stop (TM) as manufactured by Amoco, or engineer approved equivalent.
- 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.
- Refer to Connecticut Guidelines for Soil Erosion and Sediment Control (2002) for additional details and specifications.
- 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.)

CONSTRUCTION NOTES

- Refer to a survey entitled "Improvement Location Survey, prepared for, John Bickley, 7 Rockridge Lane, Stamford, Connecticut" by Sound View Engineers & Land Surveyors LLC dated June 20, 2024.
- The purpose and intent of this plan is to depict the proposed development associated with the construction of a new swale and associated site improvements.
- Contours and elevations depicted hereon are referenced to NAVD-88 datum approx.

NOTE

- All work to be completed by hand with no machinery in site.
- Material removed to be deposited off site.

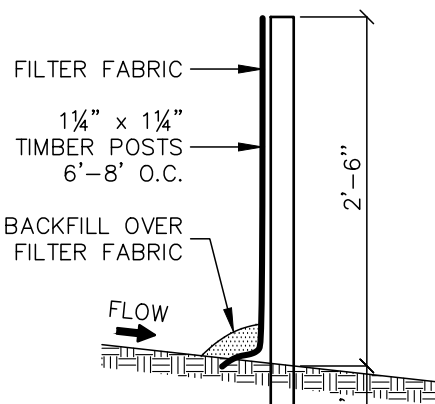


INSTALLATION NOTES

- THE AREA CHOSEN FOR STOCKPILING SHALL BE FLAT, DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR HAY BALES, THEN STABILIZED WITH VEGETATION OR DRY MULCH.
- SEE SPECIFICATIONS (THIS SHEET) FOR INSTALLATION OF SILT FENCE.

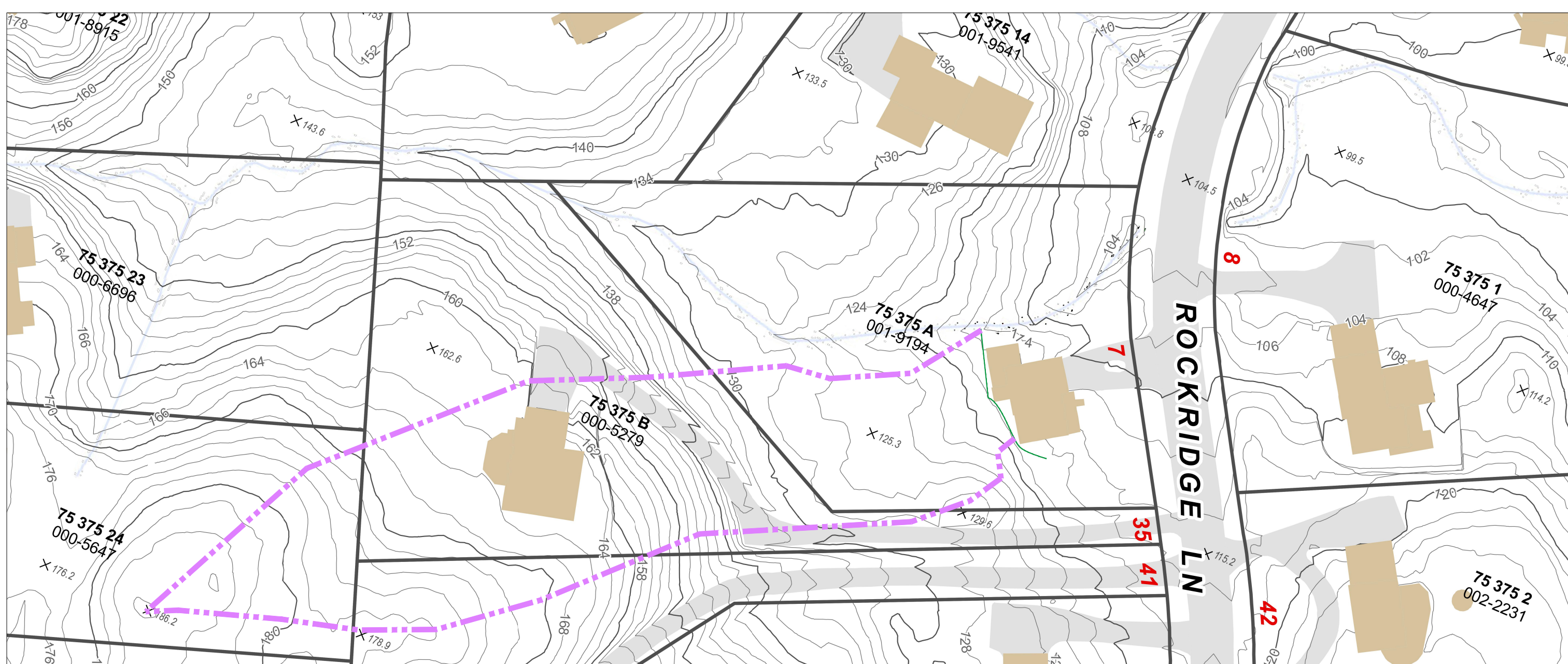
SOIL STOCKPILE DETAIL

N.T.S.



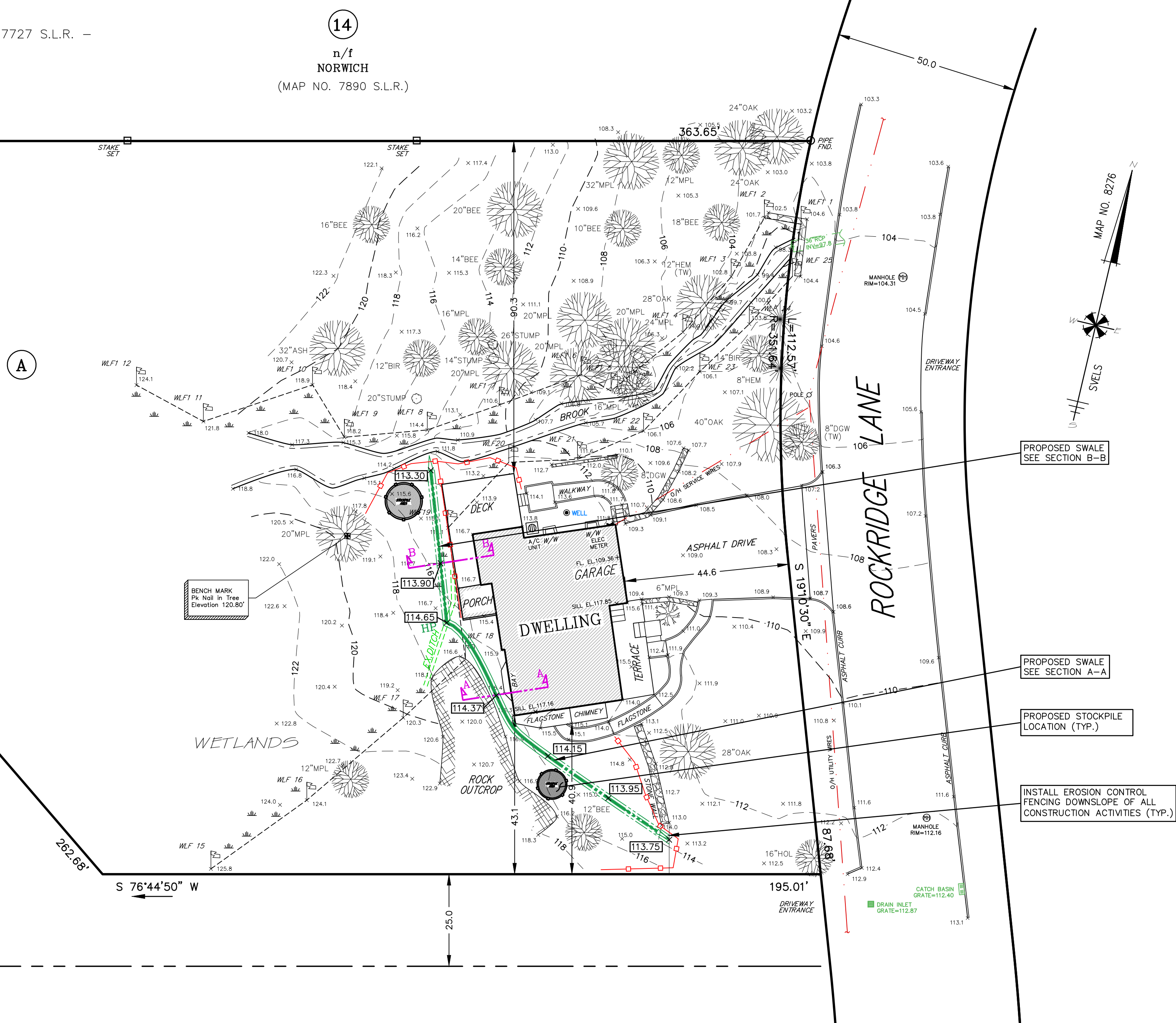
EROSION CONTROL FENCE

N.T.S.



INFLOW WATERSHED

SCALE 1"=60'



CONVEYANCE PROTECTION														
INFLOW AREA (WATERSHED)	Q REQUIRED Q=C*I*A (cfs)				C			I (Inch)				A (ft²)		
	10 YR	25 YR	50 YR	100 YR	IMP.	PREV.	FOR.	10 YR	25 YR	50 YR	100 YR	IMP.	PREV.	FOR.
S1	1.02	1.23	1.39	1.58	0.900	0.200	0.030	5.5	6.7	7.5	8.6	4,981	13,214	30,832

SWALE											
INFLOW AREA (WATERSHED)	SWALE AREA	n MANNING'S ROUGHNESS COEFFICIENT	Ap CROSS SECTION AREA (FT²)	R HYDRAULIC RADIUS (FT)	S SLOPE (FT/FT)	VELOCITY $V=(1.486/n)*R^{2/3}*S^{1/2}$	Q PROVIDED $Q=(1.486/n)*A*R^{2/3}*S^{1/2}$	Q REQUIRED			
								10 YR	25 YR	50 YR	100 YR
S1	8"x16"	0.069	1.3300	0.364	0.012	1.204	1.601	1.02	1.23	1.39	1.58

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CONSULTING CIVIL STRUCTURAL SITE DEVELOPMENT LAND SURVEYING

PREPARED FOR :

JOHN BICKLEY

ADDRESS :  
7 ROCKRIDGE LANE  
STAMFORD, CONNECTICUT

BLOCK 375 LOT A

DRAWING TITLE:

SITE  
DEVELOPMENT  
PLAN

DWG. NO: 3806-1-ILS-1  
SCALE: 1" = 20'  
DATE: JULY 10, 2024  
SDP

ONLY COPIES OF THIS PLAN BEARING AN ORIGINAL IMPRINT OF THE ENGINEER'S EMBOSSED SEAL ARE TRUE, VALID COPIES.