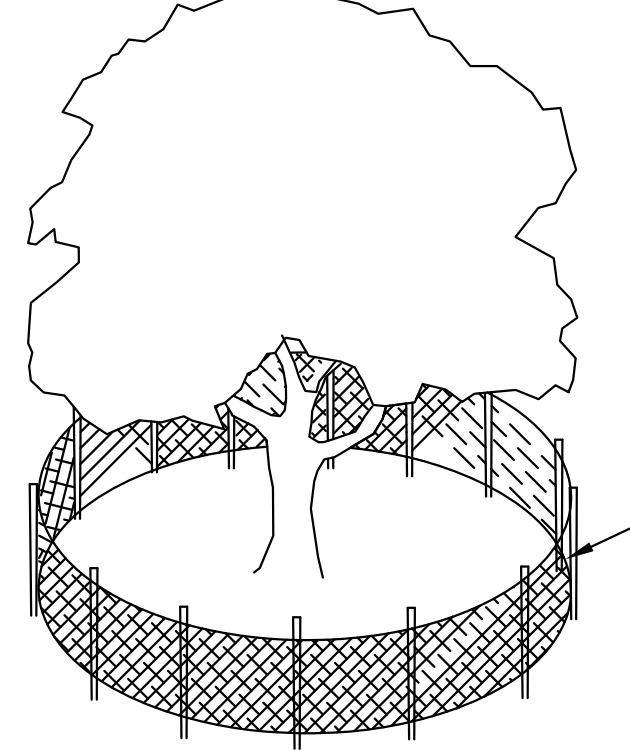


SOIL EROSION AND SEDIMENT CONTROL NOTES

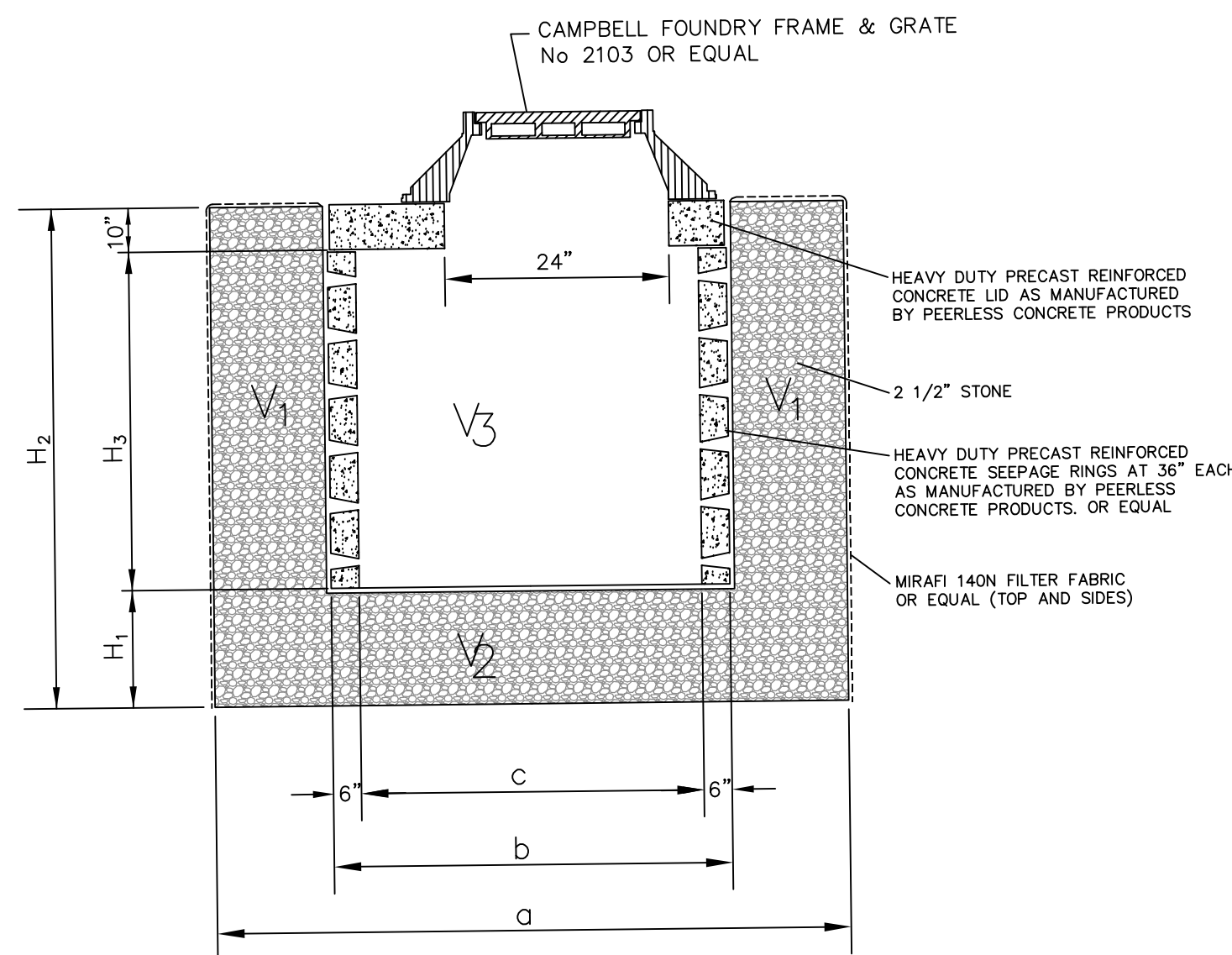
1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (NJ STANDARDS), AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION IS ESTABLISHED.
2. ANY DISTURBED AREA THAT WILL 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 SALT HAY OR EQUIVALENT AND BOUND IN ACCORDANCE WITH THE NJ STANDARDS (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: -LIME- 90 LBS./1,000 SF GROUND LIMESTONE; FERTILIZER- 11 LBS./1,000 SF. 10-20-10 OR EQUIVALENT WORKED INTO THE SOIL A MINIMUM OF 4". -SEED- PERENNIAL RYEGRASS 40 LBS./ACRE (1 LB./1,000 SF) OR OTHER APPROVED SEEDS; PLANT BETWEEN MARCH 1 AND MAY 15 OR BETWEEN AUGUST 15 AND OCTOBER 1. -MULCH- SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70 TO 90 LBS./1,000 SF TO BE APPLIED ACCORDING TO THE NJ STANDARDS. MULCH SHALL BE SECURED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER). B. PERMANENT SEEDING AND MULCHING: -TOPSOIL- UNIFORM APPLICATION TO A DEPTH OF 5" (UNSETTLED). -LIME- 90 LBS./1,000 SF GROUND LIMESTONE; FERTILIZER- 11 LBS./1,000 SF. 10-20-10 OR EQUIVALENT WORKED INTO THE SOIL A MINIMUM OF 4". -SEED- TURF TYPE TALL FESCUE (BLEND OF 3 CULTIVARS) 150 LBS./ACRE (3.5 LBS./1,000 SF) OR OTHER APPROVED SEEDS; PLANT BETWEEN MARCH 1 AND OCTOBER 15. -MULCH- SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70 TO 90 LBS./1,000 SF TO BE APPLIED ACCORDING TO THE NJ STANDARDS. MULCH SHALL BE SECURED 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 STORM WATER RUN-OFF 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 FLOOD PLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHALL BE CONTAINED BY A HAY BALE 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'X100' 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 30-1 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 STORM WATER OUTFALLS OR OFF-SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
18. ANY REVISION TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION IN THE FIELD.
19. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE THROUGHOUT CONSTRUCTION. 20. 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.
21. THE BERGEN COUNTY SOIL CONSERVATION DISTRICT MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE ON OR OFF-SITE EROSION PROBLEMS DURING CONSTRUCTION.
22. 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.

SCHEDULE OF CONSTRUCTION:	TIME
FRAME - DAYS:	
1. INSTALL FABRIC FILTER FENCES AND WHEEL CLEANING APRON	3 DAYS - PHASE 1
2. STRIP AND STOCKPILE TOPSOIL, SEED WITH TEMPORARY SEEDING	1 DAY - PHASE 1
3. CONSTRUCT NEW ADDITION & UTILITIES	100 DAYS - PHASE 2
4. ROUGH GRADING-BUILD NEW DRIVE, REMOVE FILL	10 DAYS - PHASE 2
5. FINE GRADING	2 DAYS - PHASE 3
6. SLOPE STABILIZATION/FINAL GRADING- PERMANENT SEEDING	2 DAYS - PHASE 3
7. COMPLETE PROJECT- LANDSCAPING	3 DAYS - PHASE 3
8. NOTE: NO FILL IS TO BE IMPORTED INTO THE SITE. APPROXIMATELY 144 CY FROM THE FOUNDATION WILL BE EXPORTED.	



SNOW FENCING TREE PROTECTION DETAIL

N.T.S. PROTECTIVE SNOW FENCE MUST STAY IN PLACE UNTIL COMPLETION OF ALL GRADING AND LANDSCAPING



$$V_1 = \left[a^2 - \frac{b^2}{4} \right] (h_2) (0.4 \text{ voids}) \quad V_2 = \frac{b^2}{4} (h_1) (0.4 \text{ voids})$$

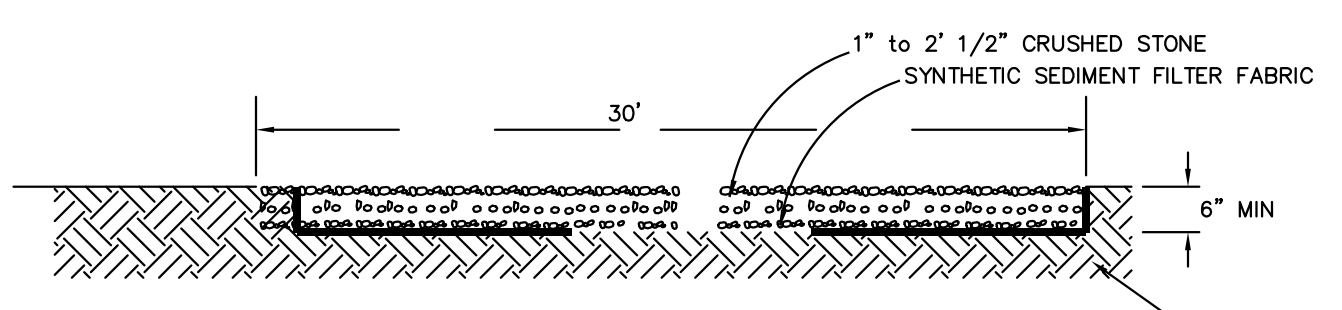
$$V_3 = \left[\frac{c^2}{4} \right] (h_3)$$

a	b	c	h ₁	h ₂	h ₃	V ₁	V ₂	V ₃
ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
13.00	7.00	6.00	2.00	8.83	6.00	461 CF	31 CF	170 CF

BOT. AREA = 169 SF TOTAL VOLUME = 662 CF

SEEPAGE PIT DETAIL

N.T.S.

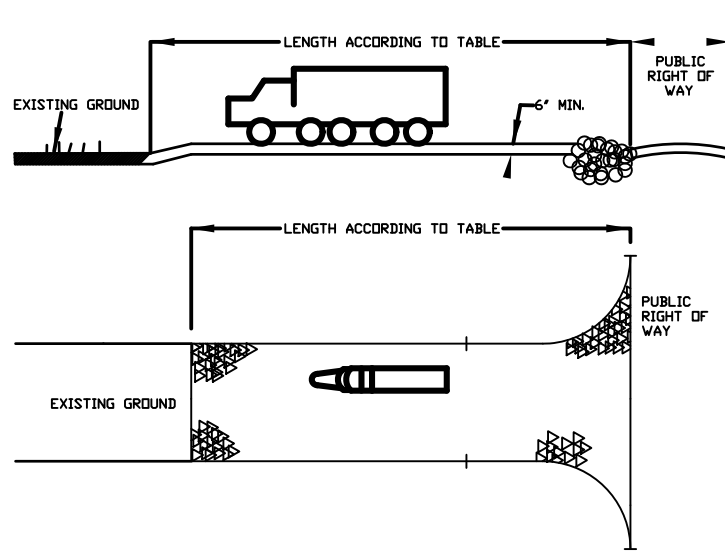


CONSTRUCTION ACCESS DRIVE SECTION

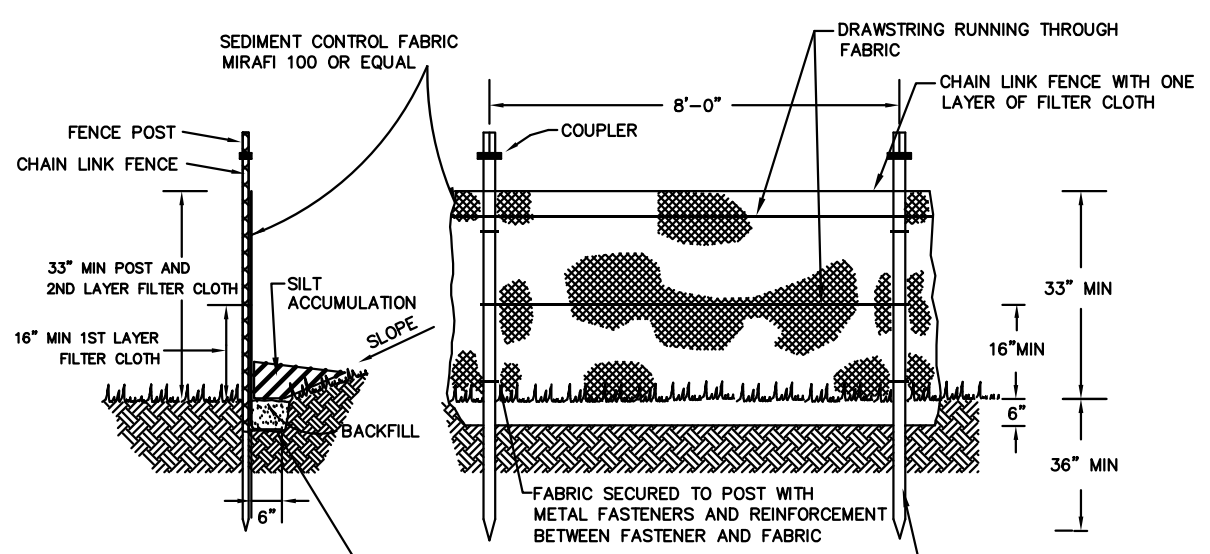
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CONSTRUCTION ACCESS DETAIL

N.T.S.

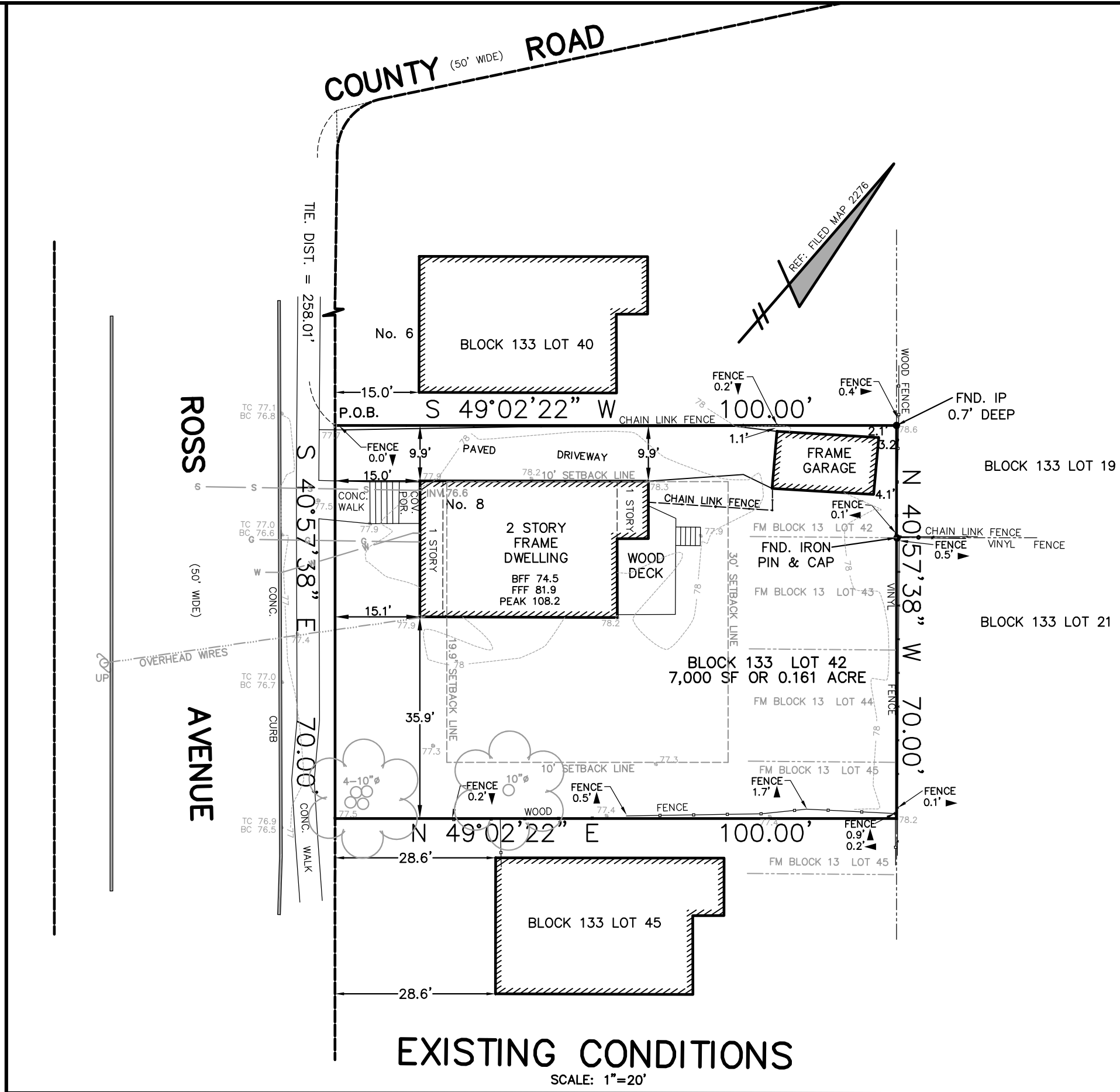


PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COARSE GRAINED SOILS	FINE GRAINED SOILS
2 TO 5%	100 FT	200 FT
>5%	ENTIRE SURFACE STABILIZED WITH FABR BASE COURSE	



SEDIMENT FENCE DETAIL

N.T.S.



EXISTING CONDITIONS

SCALE: 1"=20'

ITEM	REQUIRED	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
MIN. LOT AREA (S.F.)	10,000	7,000 (E)	7,000	DWELLING & GARAGE	1,133 SF	1,771 SF
MIN. LOT WIDTH (FT.)	100	70 (E)	70	WALKS PORCHES & STEPS	125 SF	110 SF
MIN. LOT DEPTH (FT.)	100	100	100	DRIVEWAY	738 SF	340 SF
MIN. FRONT YARD (FT.)	ADJACENT=19.9'	15.0 (E)	15.0/19.1 (E)	DECK - PATIO	164 SF	225 SF
MIN. SIDE YARD (FT.)	10	9.9/35.9 (E)	9.9/15.5 (E)		2,160 SF	2,446 SF
MIN. REAR YARD (FT.)	30	45.3	45.3	PERCENT	30.9%	34.9%
MAX. BUILDING HEIGHT (FT.)	24/30	30.1 (E)	29.9			
MAX. BUILDING COVERAGE (%/S.F.)	20	16.2	25.3 (V)			
MAX. IMPROVED COVERAGE (%/S.F.)	30	30.9 (E)	34.9 (V)			
MAX. LIVABLE FLOOR AREA (%/S.F.)	30	22.6	39.1 (V)			
MAX. RES. PARKING COVERAGE (%/S.F.)	25	27.3 (E)	30.7 (V)			

LOT IMPROVEMENT AREAS:

FRONT SETBACK	BLOCK/LOT	STREET ADDRESS
29.2'	BLOCK 133 LOT 1	10 COUNTY ROAD
15.0'	BLOCK 133 LOT 34	2 ROSS AVENUE
14.9'	BLOCK 133 LOT 38	4 ROSS AVENUE
15.0'	BLOCK 133 LOT 40	6 ROSS AVENUE
15.0'	BLOCK 133 LOT 42	8 ROSS AVENUE
28.6'	BLOCK 133 LOT 45	12 ROSS AVENUE
28.3	BLOCK 133 LOT 46	16 ROSS AVENUE
14.9'	BLOCK 133 LOT 53	20 ROSS AVENUE

TOTAL = 159.1' / 8 = 19.9' IS THE AVERAGE FRONT SETBACK

CHART OF AVERAGE FRONT SETBACKS

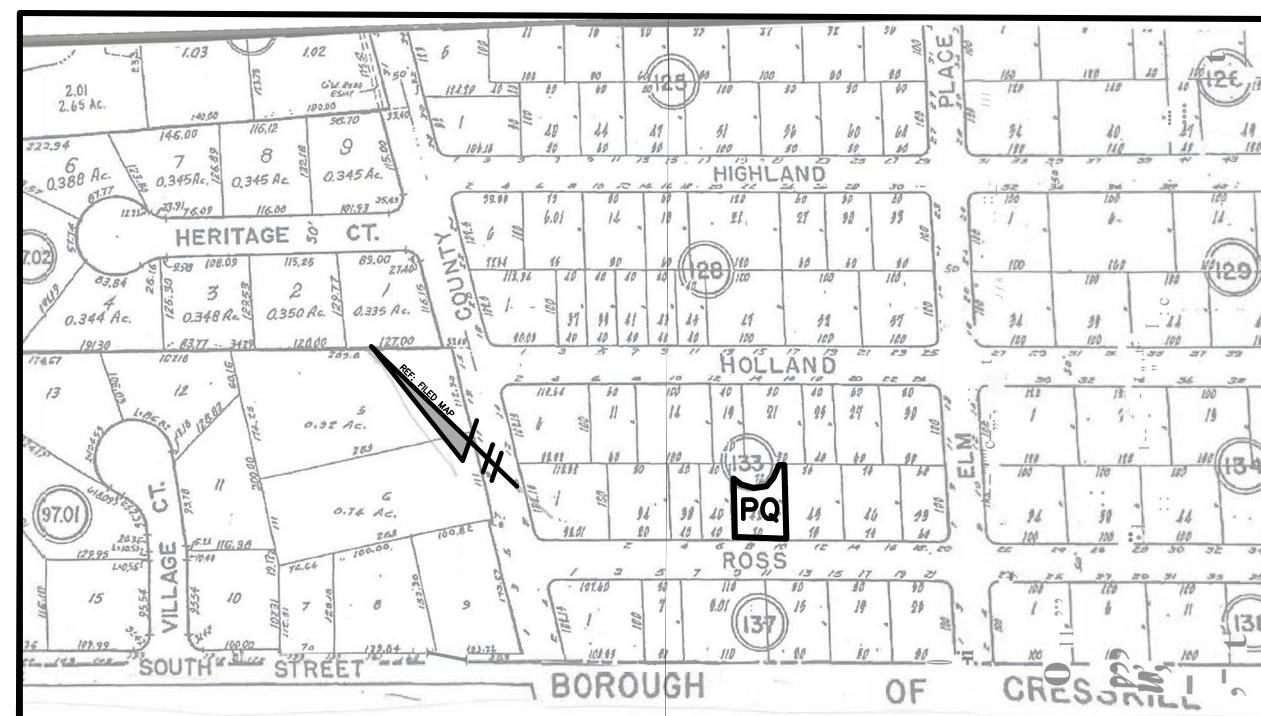
(V) VARIANCE REQUESTED (E) EXISTING NON CONFORMING
ZONING SCHEDULE: BLOCK 133 LOT 42 ZONE RD TAX MAP SHEET 16

GENERAL NOTES:

- 1/ THE OWNERS AND APPLICANTS ARE: 8 ROSS AVENUE, LLC, 517 HIGH STREET, CLOSTER, N.J. 07624
- 2/ ELEVATIONS WERE OBTAINED FROM GPS AND ARE IN NVGD 1988 DATUM.
- 3/ NO TREES ARE TO BE REMOVED FOR THIS PROJECT.
- 4/ THE EXISTING DRIVEWAY SHALL BE USED AS THE CONSTRUCTION ACCESS AND SHALL BE KEPT CLEAN AT ALL TIMES.
- 5/ THE PROPERTY AND ALL ADJOINING PROPERTIES ARE IN THE SINGLE FAMILY RESIDENCE D (RD) ZONE.
- 6/ ALL EXISTING UTILITIES ARE TO REMAIN.
- 7/ THE PROPOSED ADDITION IS 865 SF.
- 8/ THE EXISTING GARAGE, DRIVEWAY AND DECK IN THE REAR OF THE HOUSE ARE TO BE REMOVED (TBR).
- 9/ THE AVERAGE EXISTING GRADE AROUND THE HOUSE IS 77.9+77.9 +78.2+78.3=312.3/4=78.1, THE ROOF PEAK IS 108.2-78.1 MAKING THE EXISTING BUILDING HEIGHT 30.1'. THE AVERAGE PROPOSED GRADE AROUND THE HOUSE IS 78.4+78.1 +78.4+78.4=313.3/4=78.3, THE ROOF PEAK IS 108.2-78.3 MAKING THE PROPOSED BUILDING HEIGHT 29.9'.
- 10/ THE EXISTING PERCENT OF BASEMENT BELOW FINISHED GRADE IS 78.1-74.5=3.6'. THE BASEMENT IS 7.4' TALL THEREFORE IT IS 48.7% BELOW GRADE WHERE 70% IS REQUIRED. THE EXISTING BASEMENT IS FOR UTILITIES AND STORAGE ONLY. THE PROPOSED PERCENT OF BASEMENT BELOW FINISHED GRADE IS 78.3-74.5=3.8'. THE BASEMENT IS 7.4' TALL THEREFORE IT IS 51.4% BELOW GRADE WHERE 70% IS REQUIRED. THERE IS NO BASEMENT PROPOSED IN THE NEW ADDITION.
- 11/ THERE WILL BE 40 CY OF CUT FOR THE NEW ADDITION, 25 CY OF CUT FOR THE SEEPAGE PIT AND 15 CY OF CUT TO REMOVE THE EXISTING DRIVE FOR A TOTAL OF 80 CY OF CUT AND APPROXIMATELY 65 CY OF FILL FOR PROPOSED GRADING AND FILL IN THE NEW FOUNDATION WHICH EQUALS 145 CY OF SOIL MOVEMENT.
- 12/ MAXIMUM RESIDENTIAL AND PARKING COVERAGE: EXISTING DWELLING & GARAGE 1,133 SF PLUS DRIVEWAY 738 SF PLUS COV. PORCH 41=1,912/7,000 =27.3% PROPOSED DWELLING 1,771 PLUS DRIVEWAY 340 SF PLUS COV. PORCH 41=2,152 SF /7,000=30.7%.

DRAINAGE NOTES

- 1/ SEEPAGE PITS ARE DESIGNED BASED ON THE NEW PROPOSED IMPERVIOUS AREA FOR A 3 INCH RAINFALL.
- 2/ THE PROPOSED NEW IMPERVIOUS AREA IS 2,446 SF X 3/12 = 612 CF REQUIRED. A 13' X 13' PIT WITH A 7" SEEPAGE TANK IS PROPOSED WHICH EQUALS 662 CF PROPOSED, WHICH IS GREATER THAN THE 612 CF REQUIRED.
- 3/ TEST HOLES WILL BE PERFORMED DURING THE EXCAVATION OF THE FOOTINGS FOR THE NEW HOUSE. THE PROJECT ENGINEER WILL WITNESS AND RECORD THE FINDINGS AND DESIGN MAKE ANY NECESSARY FOR THE SEEPAGE PITS ACCORDINGLY.
- 4/ ROOF LEADERS FOR THE NEW HOUSE WILL BE TIED INTO THE PROPOSED SEEPAGE PIT WITH 6" PVC PIPES.(SCHEDULE 80 TO BE USED UNDER DRIVES)
- 5/ THE EXISTING DRAINAGE PATTERN ON THE PROPERTY WILL REMAIN UNCHANGED.



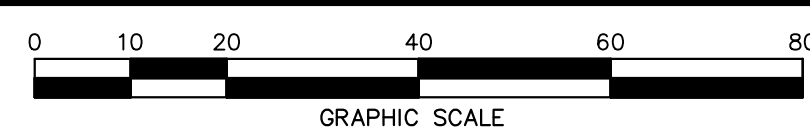
KEY MAP

SCALE: 1"=250'

APPROVED BY THE PLANNING BOARD
BOROUGH OF DEMAREST

DATE _____
 CHAIRMAN _____
 SECRETARY _____
 VILLAGE ENGINEER _____

DATE	REVISION
3/24/2026	BULK ZONING, AVERAGE GRADE & BASEMENT CALCULATIONS, NOTES 9-11.



SITE PLAN PROPOSED ADDITION	
8 ROSS AVENUE	
BLOCK 133 LOT 42	
BOROUGH OF DEMAREST	BERGEN COUNTY NEW JERSEY
EID ASSOCIATES, INC. CERTIFICATE OF AUTHORIZATION 246A28034900 102 WAYSIDE ROAD, HEWITT, NEW JERSEY 07421 CIVIL ENGINEERING & LAND SURVEYING	
PHONE: 201-264-2312	PROJECT No: 25-103
EMAIL: stephenpeid@gmail.com	SHEET No: 1 OF 1
DRAWN BY: SPE	CHECKED BY: SPE
SCALE: 1"=20'	DATE: 11/20/2025

STEPHEN P. EID
 PROFESSIONAL ENGINEER & LAND SURVEYOR
 N.J.P.E.#S 30081