

# DEERING RESERVOIR SHORELAND PLAN

## TAX MAP 235 - LOT 24

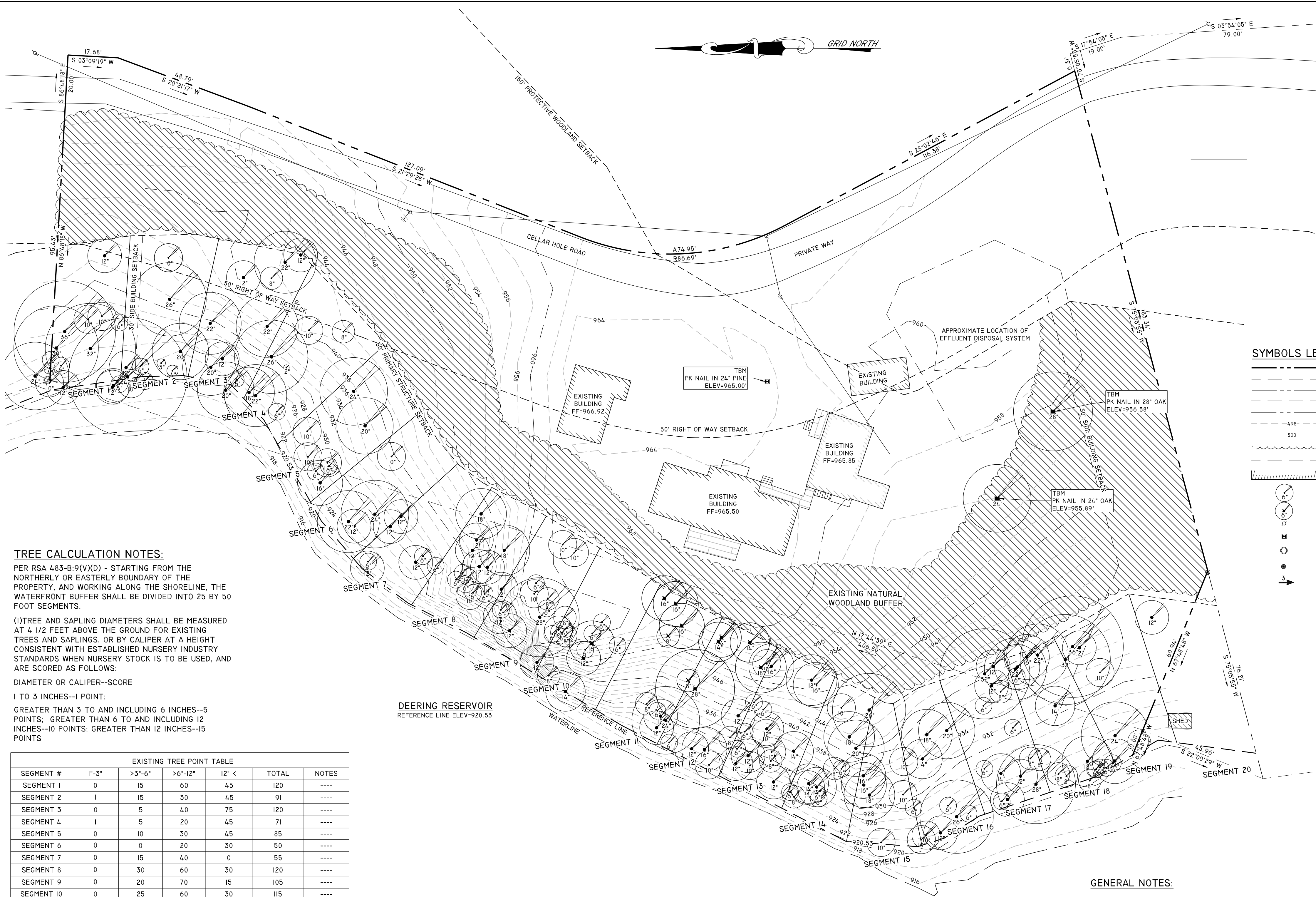
## 606 CELLAR HOLE ROAD

## DEERING, NH 03244

### SYMBOLS LEGEND

EXISTING SYMBOLS	PROPOSED SYMBOLS
	PROPOSED LOT LINE
	PROPOSED EASEMENT LINE
	PROPOSED 2 FOOT CONTOUR
	PROPOSED 10 FOOT CONTOUR
	PROPOSED 1 FOOT CONTOUR
	PROPOSED SPOT GRADE
	PROPOSED BUILDING
	PROPOSED WATER LINE
	PROPOSED SEWER
	PROPOSED SEWER SERVICE WITH CLEAN-OUT
	PROPOSED DRAIN LINE
	PROPOSED ROOF DRAIN
	PROPOSED UNDER DRAIN
	PROPOSED GAS LINE
	PROPOSED OVERHEAD ELECTRIC
	PROPOSED OVERHEAD ELECTRIC
	PROPOSED EROSION CONTROL SILT FENCE
	PROPOSED DRAIN MANHOLE
	PROPOSED CATCH BASIN
	PROPOSED DRAINAGE OUTLET STRUCTURE
	PROPOSED SEWER MANHOLE
	PROPOSED WATER GATE VALVE
	PROPOSED WELL
	PROPOSED GAS GATE VALVE
	PROPOSED FES WITH RIP-RAP OUTLET PROTECTION
	STONE BOUND TO BE SET
	RE-BAR TO BE SET
	PROPOSED LIGHT POLE
	PROPOSED DRAINAGE FLOW ARROWS
	PROPOSED PAVEMENT
	PROPOSED PAVED SIDEWALK
	PROPOSED GRAVEL DRIVE
	PROPOSED DREDGE AND FILL PERM. DISTURBANCE
	PROPOSED DREDGE AND FILL TEMP. DISTURBANCE
	EROSION CONTROL LAYERS
	PROPOSED HAY BAIL / SILT FENCE
	PROPOSED SLOPE PROTECTION BLANKET
	PROPOSED CHANNEL PROTECTION BLANKET
	PROPOSED TEMPORARY CHECK DAMN
	PROPOSED CONSTRUCTION ENTRANCE
	REVISION CLOUD
	SHORELAND PLANS
	DISTURBED AREA
	UNDISTURBED / NATURAL AREA
	SHORELAND SEGMENT LINES
	SHORELAND SETBACK LINE
	EXISTING TREE AND CALIPER





**TREE CALCULATION NOTES:**

PER RSA 483-B:9(V)(D) - STARTING FROM THE NORTHERLY OR EASTERLY BOUNDARY OF THE PROPERTY, AND WORKING ALONG THE SHORELINE, THE WATERFRONT BUFFER SHALL BE DIVIDED INTO 25 BY 50 FOOT SEGMENTS.

(I) TREE AND SAPLING DIAMETERS SHALL BE MEASURED AT 4 1/2 FEET ABOVE THE GROUND FOR EXISTING TREES AND SAPLINGS, OR BY CALIPER AT A HEIGHT CONSISTENT WITH ESTABLISHED NURSERY INDUSTRY STANDARDS WHEN NURSERY STOCK IS TO BE USED, AND ARE SCORED AS FOLLOWS:

DIAMETER OR CALIPER--SCORE

1 TO 3 INCHES--1 POINT;

GREATER THAN 3 TO AND INCLUDING 6 INCHES--5 POINTS; GREATER THAN 6 TO AND INCLUDING 12 INCHES--10 POINTS; GREATER THAN 12 INCHES--15 POINTS

EXISTING TREE POINT TABLE						
SEGMENT #	1"-3"	>3"-6"	>6"-12"	12" <	TOTAL	NOTES
SEGMENT 1	0	15	60	45	120	----
SEGMENT 2	1	15	30	45	91	----
SEGMENT 3	0	5	40	75	120	----
SEGMENT 4	1	5	20	45	71	----
SEGMENT 5	0	10	30	45	85	----
SEGMENT 6	0	0	20	30	50	----
SEGMENT 7	0	15	40	0	55	----
SEGMENT 8	0	30	60	30	120	----
SEGMENT 9	0	20	70	15	105	----
SEGMENT 10	0	25	60	30	115	----
SEGMENT 11	0	5	50	60	115	----
SEGMENT 12	0	5	50	90	145	----
SEGMENT 13	0	20	80	60	160	----
SEGMENT 14	0	20	40	75	135	----
SEGMENT 15	0	5	30	45	80	----
SEGMENT 16	0	10	30	60	100	----
SEGMENT 17	1	20	60	45	126	----
SEGMENT 18	0	30	40	90	160	----
SEGMENT 19	0	0	30	60	90	----
SEGMENT 20	0	0	10	0	10	----

DEERING RESERVOIR  
REFERENCE LINE ELEV=920.53'

**SYMBOLS LEGEND**

- EXISTING PROPERTY LINE
- EXISTING PROPERTY TIE LINE
- EXISTING ABUTTERS PROPERTY LINE
- EXISTING PROPERTY SETBACK LINE
- EXISTING PROPERTY LINE TO BE REMOVED
- EXISTING 2 FOOT CONTOUR
- EXISTING 10 FOOT CONTOUR
- EXISTING TREE LINE
- EXISTING WATER EDGE LINE
- EXISTING BUILDING
- EXISTING TREE AND CALIPER
- PROPOSED TREE TO BE REMOVED
- EXISTING POWER POLE
- TEMPORARY BENCH MARK (TBM)
- IRON PIPE FOUND (IPF)
- RE-BAR FOUND (RBF)
- PHOTO NUMBER AND DIRECTION

EXISTING SHORELAND IMPERVIOUS CALCULATIONS	
HOUSE / ATTACHED DECK	1,912 SF
EXISTING ACCESSORY BUILDINGS	664 SF
ROAD/GRAVEL	3,768 SF
SHED	43 SF
TOTAL LOT IMPERVIOUS	6,387 SF
TOTAL LOT WITHIN 250'	70,131 SF
SHORELAND BUFFER	
PERCENT OF LOT IMPERVIOUS	9.1 %
AREA OF LOT BETWEEN 50' AND 150'	36,426 SF
25% OF TOTAL PROTECTED WOODLAND	9,107 SF
EXISTING UNALTERED WOODLAND	17,722 SF
UNALTERED WOODLAND AREA	
REQUIRED TO REMAIN	9,107 SF

**EXISTING SHORELAND PLAN**

**TAX MAP 235 LOT 24**

606 CELLAR HOLE ROAD, DEERING, NH 03244

**GENERAL NOTES:**

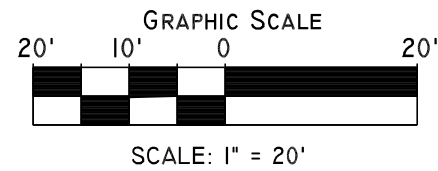
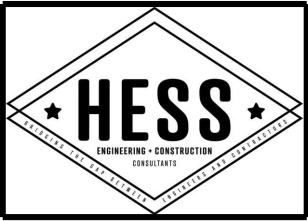
- THE PURPOSE OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS. THIS IS NOT A BOUNDARY SURVEY.
- CELLAR HOLE ROAD IS INTENDED AND DESCRIBED AS A PRIVATE PASSWAY FOR THIS PROPERTY AS DESCRIBED IN DEED BOOK 9113 PAGE 2129.
- THE PROPERTY IS DESIGNATED TAX MAP 235 LOT 24. THE PROPERTY IS 1.9 ACRES IN SIZE. THE OWNER OF RECORD IS:  
BENJAMIN F. BAUER  
60 PAYSON ROAD  
BELMONT, MA 02478  
BOOK 9113 PAGE 2129 COUNTY
- THE PROPERTY IS ZONED SHORELAND PROTECTION OVERLAY DISTRICT.
- TOWN OF DEERING BUILDING SETBACKS:  
50' FRONT FROM RIGHT-OF-WAY  
30' SIDE YARD  
50' LAKE REFERENCE

PREPARED FOR:  
BENJAMIN F. BAUER  
60 PAYSON ROAD  
ASHLAND, NH 03217  
TEL: (603) 968-5664  
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PREPARED BY:  
HESS ENGINEERING & CONSTRUCTION CONSULTANTS, LLC

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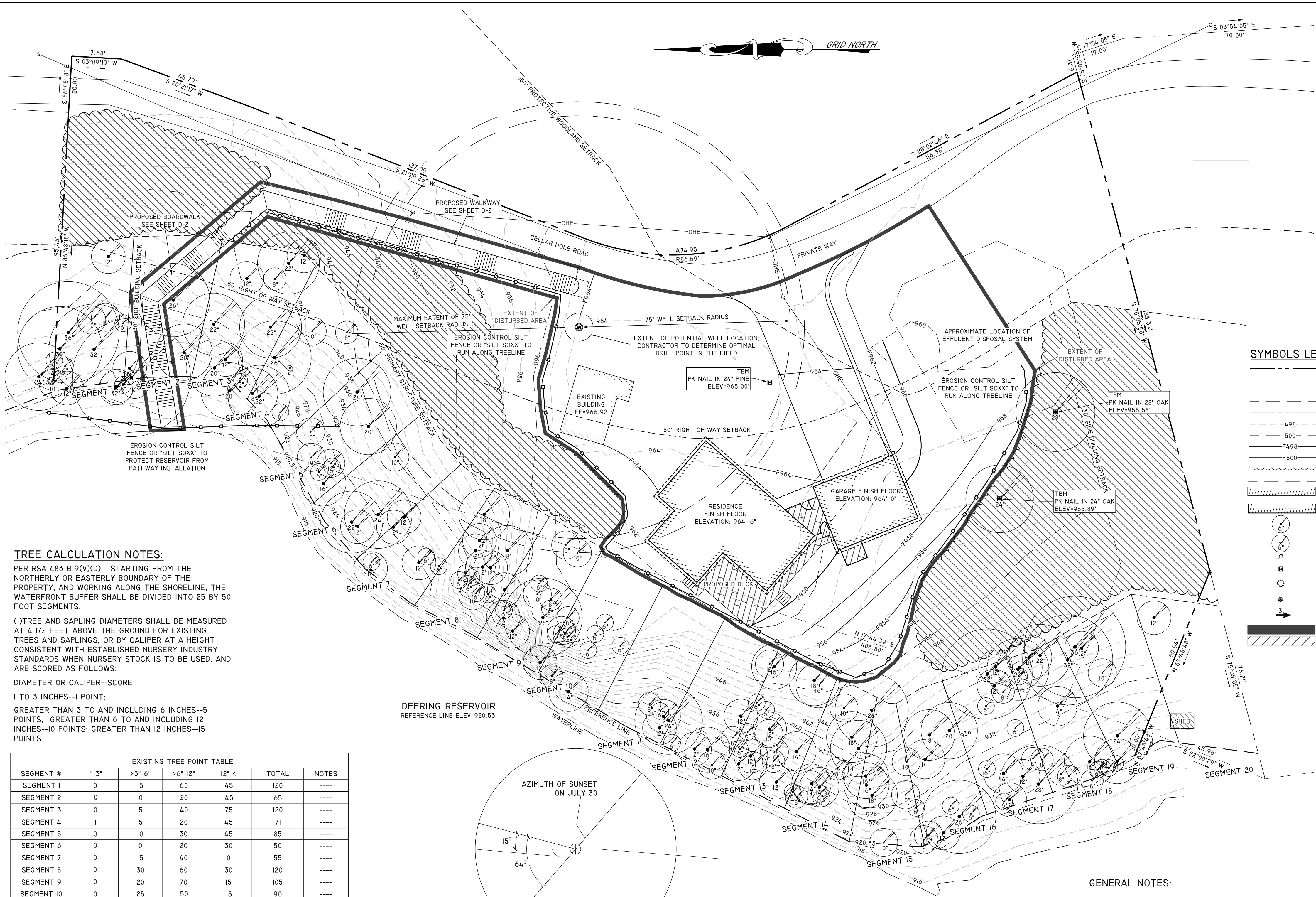
DRAWN BY:  
WESLEY W. LAMBERT  
REVIEWED BY:  
MARIO FOCARETO, P.E.



REV.	DATE	DESCRIPTION	BY

DATE: 6/2/2025  
JOB NO: 24046





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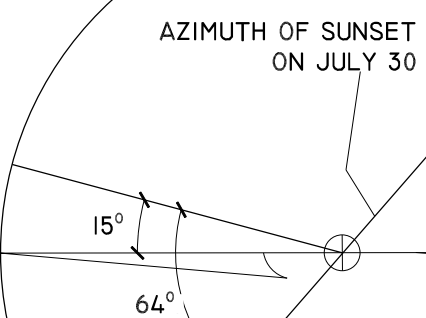
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DEERING RESERVOIR  
REFERENCE LINE ELEV=920.53'

SUN CROSSES HORIZON  
APPROXIMATELY AT  
THIS LOCATION



**SYMBOLS LEGEND**

- EXISTING PROPERTY LINE
- EXISTING PROPERTY TIE LINE
- EXISTING ABUTTERS PROPERTY LINE
- EXISTING PROPERTY SETBACK LINE
- EXISTING PROPERTY LINE TO BE REMOVED
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- IRON PIPE FOUND (IPF)
- RE-BAR FOUND (RBF)
- PHOTO NUMBER AND DIRECTION
- DISTURBED AREA
- UNDISTURBED / NATURAL AREA

PROPOSED SHORELAND IMPERVIOUS CALCULATIONS	
HOUSE / ATTACHED DECK	3,311 SF
EXISTING ACCESSORY BUILDINGS	429 SF
ROAD/GRAVEL	5,597 SF
SHED	43 SF
PATHWAY	1,326 SF
TOTAL LOT IMPERVIOUS	10,706 SF
TOTAL LOT WITHIN 250'	70,131 SF
SHORELAND BUFFER	
PERCENT OF LOT IMPERVIOUS	15.3 %
AREA OF LOT BETWEEN 50' AND 150'	36,426 SF
25% OF TOTAL PROTECTED WOODLAND	9,107 SF
PROPOSED UNALTERED WOODLAND	14,042 SF
UNALTERED WOODLAND AREA REQUIRED TO REMAIN	9,107 SF

**PROPOSED SHORELAND PLAN**

**TAX MAP 235 LOT 24**

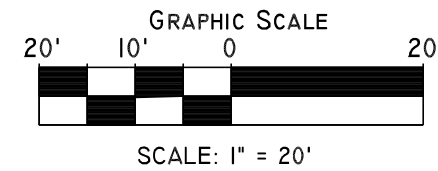
606 CELLAR HOLE ROAD, DEERING, NH 03244

PREPARED FOR:  
BENJAMIN F. BAUER  
60 PAYSON ROAD  
BELMONT, NH 02478  
BOOK 9113 PAGE 2129

PREPARED BY:  
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REVIEWED BY:  
MARIO FOCARETO, P.E.



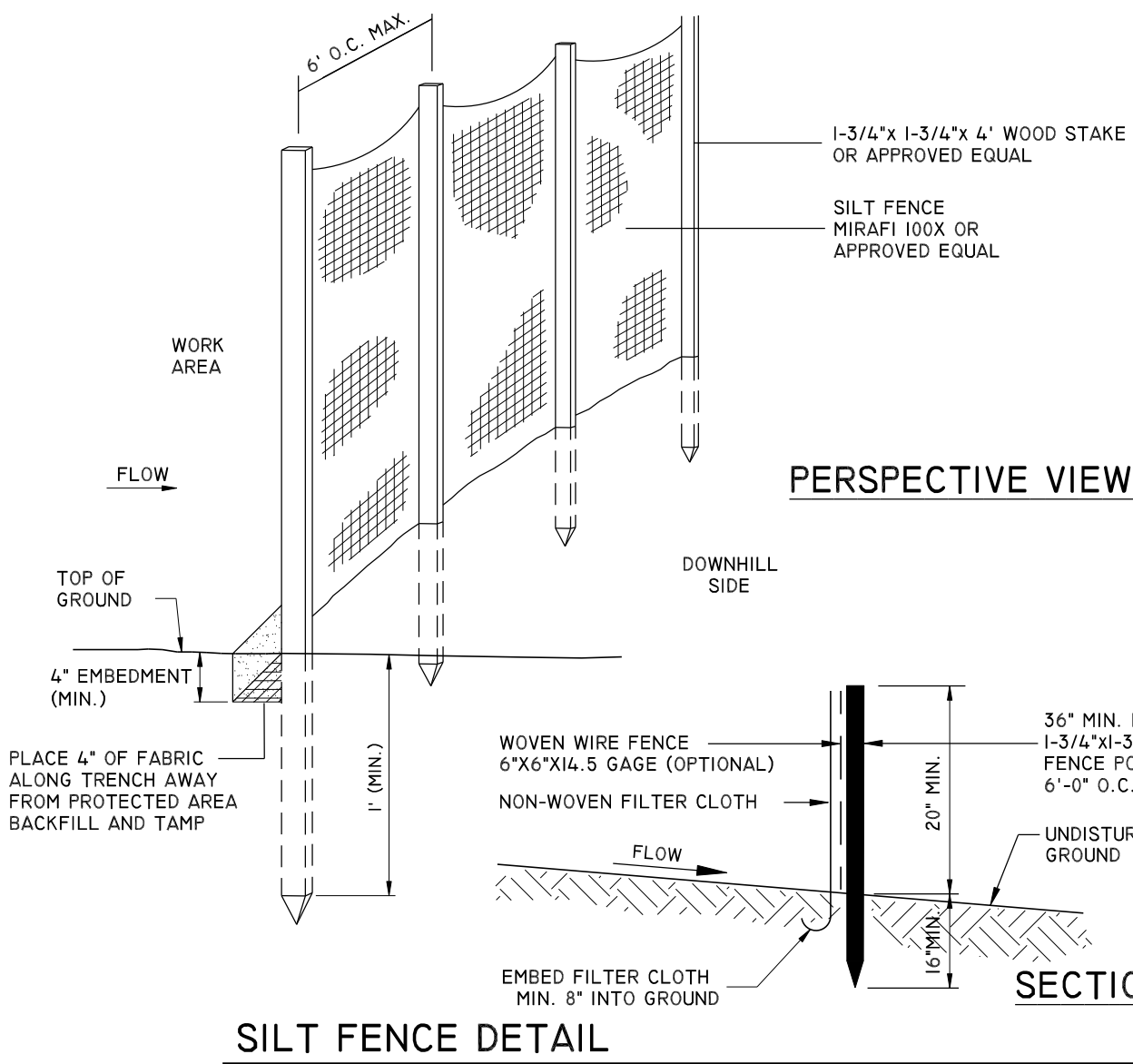
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DATE: 6/2/2025  
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- TOWN OF DEERING BUILDING SETBACKS:  
50' FRONT FROM RIGHT-OF-WAY  
30' SIDE YARD  
50' LAKE REFERENCE





SHORELAND NOTES:

1. THE PURPOSE OF THIS PLAN IS TO SHOW THE LIMIT OF WORK WITHIN THE 250' SHORELAND PROTECTION SETBACK LINE.
2. THE TOTAL LOT AREA IS 1.9 ACRES - 82,764 SF.
3. MINIMAL TREES WILL BE CUT IN THE 50' SETBACK. SEE SHORELINE SEGMENTS 2, 10, 11, & 12 WITHIN SHEET P-SHR.
4. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY GROUND DISTURBANCE OF THE SITES SURFACE AREA AND SHALL BE MAINTAINED THROUGH THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES. IF DURING CONSTRUCTION IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED THE OWNER AND CONTRACTOR SHALL BE REQUIRED TO INSTALL THE NECESSARY EROSION PROTECTION.

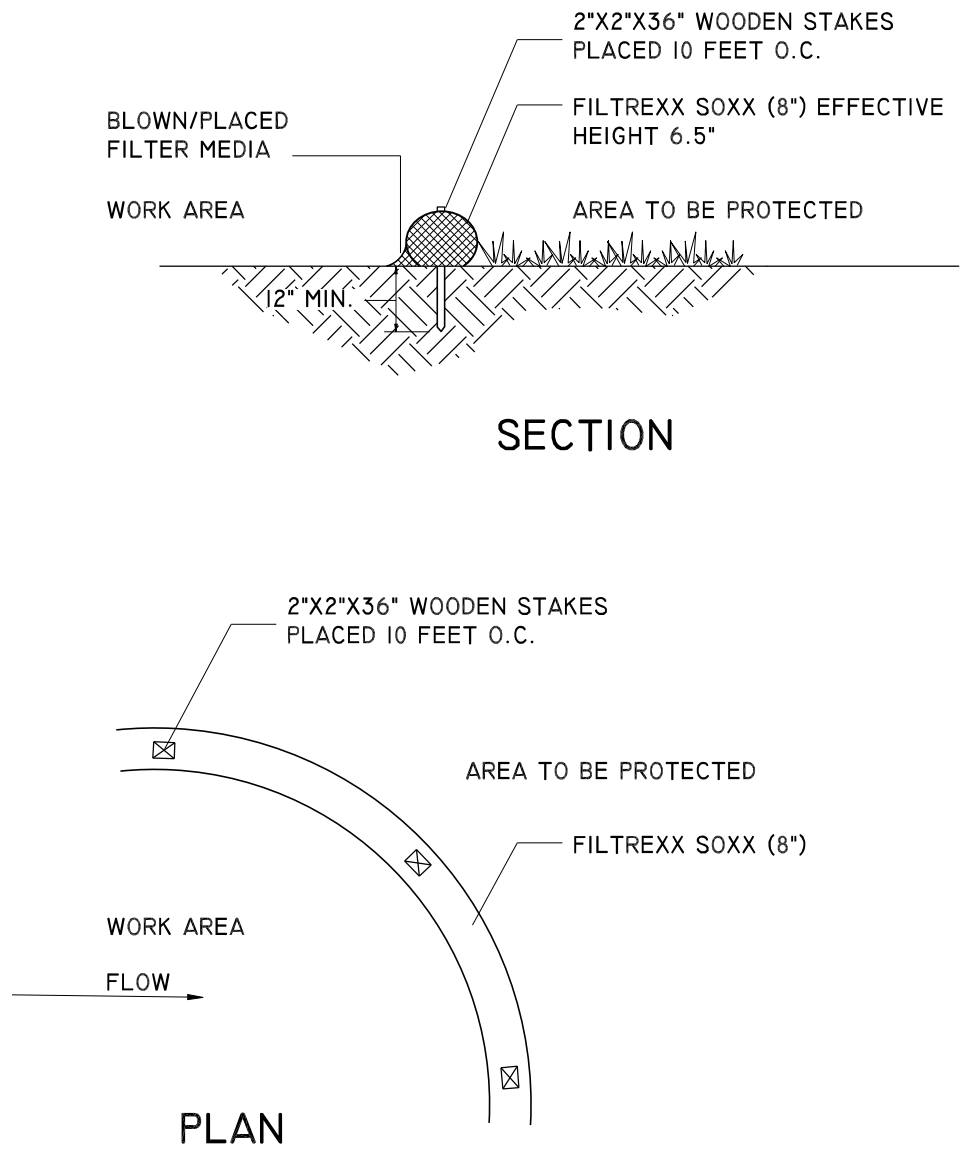
MAINTENANCE

1. SILT FENCES ARE TO BE INSPECTED IMMEDIATELY AFTER EVERY RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.

IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.

3. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF OF THE BARRIER.

SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED, SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.



'FILTREXX' SEDIMENT CONTROL DETAIL ("SOXX")

CONSTRUCTION SEQUENCE:

1. CUT AND CLEAR TREES WITHIN LIMIT OF WORK (PROPOSED TREELINE), UNLESS OTHERWISE NOTED. ALL STUMPS, BRANCHES, TOPS AND BRUSH TO BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN AND DETAILED IN THIS PLAN SET.
3. CONSTRUCT TEMPORARY AND PERMANENT EROSION CONTROL FACILITIES (DETENTION BASINS, TREATMENT SWALES, GRASS SWALES AND STONE LINED RIP-RAP SWALES) PRIOR TO ANY EARTH MOVING OPERATION.
4. ALL SWALES AND DITCH LINES SHALL BE PROTECTED FROM EROSION. ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
5. PONDS AND SWALES SHALL BE INSTALLED EARLY ON IN THE CONSTRUCTION SEQUENCE (BEFORE ROUGH GRADING THE SITE).
6. ALL STORM DRAINAGE SYSTEMS SUCH AS DETENTION/RETENTION BASINS, TREATMENT SWALES AND LEVEL SPREADERS SHALL BE PROTECTED FROM EROSION. ALL STORM DRAINAGE SYSTEMS SHALL BE STABILIZED PRIOR TO DIRECTING FLOW INTO THEM.
7. NO CATCH BASIN FRAME AND GRATE SHALL BE INSTALLED PRIOR TO PAVING (IF APPLICABLE). ALL DRAINAGE STRUCTURES ARE TO BE "PLATED" AND CUT OUT FOLLOWING PAVING OPERATIONS, ONLY IF ALL DOWNSTREAM DRAINAGE ELEMENTS ARE STABLE, INCLUDING, BUT NOT LIMITED TO OUTLET PROTECTION, ALL SLOPE GRADING, VEGETATED OR RIPRAP SWALES, DETENTION BASIN AND TREATMENT SWALES.
8. IF FRAME AND GRATES ARE INSTALLED, SPECIFIC SOIL EROSION MEASURES MUST BE INSTALLED SUCH AS GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER OR BLOCK AND GRAVEL DROP INLET SEDIMENT FILTER.
9. CONSTRUCT TEMPORARY CULVERTS, DIVERSION DITCHES/SWALES OR BERMS AS REQUIRED TO MINIMIZE THE EROSION AFFECTS OF STORMWATER RUNOFF DURING ALL CONSTRUCTION ACTIVITIES. TEMPORARY WATER DIVERSION (SWALES, BASINS, ETC.) MUST BE USED AS NECESSARY UNTIL AREAS STABILIZED.
10. COMPLETE GRUBBING OPERATIONS. ALL STUMPS AND DEBRIS SHALL BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
11. ALL MATERIAL SUITABLE FOR USE AS TOPSOIL SHALL BE STOCKPILED IN UPLANDS AREAS. ALL STOCKPILES SHALL BE SEEDED WITH WINTER RYE AND IF NECESSARY, SURROUNDED WITH SILT FENCE, AND/OR STRAW BALES, IN ORDER TO PREVENT OR CONTAIN SOIL EROSION.
12. ALL MATERIAL SUITABLE FOR FILL OR SELECT MATERIAL SHALL BE STOCKPILED IN UPLANDS AREAS. ALL STOCKPILES SHALL BE SURROUNDED WITH SILT FENCE, AND/OR STRAW BALES, IN ORDER TO CONTAIN SOIL EROSION.
13. REMOVE ALL IMPROPER ROADWAY/SITE FOUNDATION MATERIAL WITHIN 18" OF SUBGRADE. REPLACE WITH COMPACTED GRANULAR FILL ACCEPTABLE TO THE STATE/TOWN SPECIFICATIONS. ALL SUITABLE FILL MATERIAL SHALL BE COMPACTED TO AT LEAST 95% OF THE DRY WEIGHT AS DETERMINED BY MODIFIED PROCTOR TESTING (ASTM D-1556) REQUIREMENTS.
14. CONSTRUCT ALL UNDERGROUND UTILITIES INCLUDING, BUT NOT LIMITED TO DRAIN, DATA, CABLE AND POWER.
15. ROUGH GRADE ROADWAY/SITE WITHIN LIMIT OF WORK AND COMMENCE CONSTRUCTION OF ROADWAY.
16. ALL ROADWAYS AND PARKING LOTS SHALL BE STABILIZED WITHIN 72 HOURS OF FINISHED GRADE.
17. COMPLETE ROADWAY SLOPE GRADING/EMBANKMENT CONSTRUCTION. ALL SLOPES SHALL BE STABILIZED AND SEEDED IMMEDIATELY AFTER GRADING. THE CONTRACTOR SHALL STABILIZE SLOPES WITH APPROPRIATE SEEDING PROGRAM OR JUTE MAT, WHEREVER SPECIFIED. ALL CUT AND FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE.
18. APPLY TOPSOIL TO ROADWAY SLOPES AND OTHER AREAS DISTURBED BY CONSTRUCTION. TOPSOIL USED MAY BE NATIVE ORGANIC MATERIAL SCREENED AS TO BE FREE FROM ROOTS, BRANCHES, STONES, AND OTHER DELETERIOUS MATERIALS. TOPSOIL SHALL BE APPLIED SO AS TO PROVIDE A MINIMUM OF A 4-INCH COMPACTED THICKNESS. UPON COMPLETION OF TOPSOILING, FINISHED SECTIONS ARE TO BE LIMED, SEEDED, AND MULCHED. THE CONTRACTOR SHALL INSPECT COMPLETED SECTIONS OF WORK ON A REGULAR BASIS AND REMEDY ANY PROBLEM AREAS UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
19. PERFORM FINAL PAVING OPERATIONS (IF APPLICABLE), INSTALL GUARDRAIL (IF APPLICABLE) AS SHOWN ON THE APPROVED PLANS.
20. MAINTAIN, REPAIR, AND REPLACE TEMPORARY EROSION CONTROL MEASURES AS NECESSARY FOR A MINIMUM PERIOD OF 12 MONTHS FOLLOWING SUBSTANTIAL COMPLETION.
21. AFTER STABILIZATION (12 MONTHLY FOLLOWING SUBSTANTIAL COMPLETION), REMOVE AND PROPERLY DISPOSE OF TEMPORARY EROSION CONTROL MEASURES, PREFERABLY OFF SITE.
22. FOLLOWING SUBSTANTIAL COMPLETION OF ALL ROADWAY ACTIVITIES AND ONCE STABLE CONDITIONS ARE ACHIEVED, CAREFULLY AND REGULARLY MONITOR CONSTRUCTION ACTIVITIES ON ALL INDIVIDUAL LOTS TO INSURE CONSTRUCTION ACTIVITIES ARE BEING PERFORMED IN SUCH A WAY AS NOT TO ENDANGER THE INTEGRITY OF ROADWAY EMBANKMENTS, STORMWATER SYSTEMS AND UTILITIES.
23. LOT DISTURBANCE OTHER THAN SHOWN ON THE APPROVED PLANS, SHALL NOT COMMENCE UNTIL AFTER THE ROADWAY HAS THE BASE COURSE TO DESIGN ELEVATION AND THE ASSOCIATED DRAINAGE IS COMPLETE AND STABLE.
24. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED.
25. DEFINITION OF THE WORD STABLE: AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
  26. A: BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
  27. B: A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
  28. C: A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED.
  29. D: OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
30. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.

EROSION CONTROL NOTES

ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (EPA, NHDES AND TOWN REGULATIONS). THE GENERAL NOTES AND DETAILS CONTAINED IN THIS PLAN SERVE AS A GUIDE ONLY.

1. PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS. INSTALLATION OF STRAWBALE BARRIERS AND SILTATION FENCES SHALL BE COMPLETED PRIOR TO THE START OF SITE WORK IN ANY SPECIFIC AREA. PREFABRICATED SILTATION FENCES AND SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
2. EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEREVER POSSIBLE.
3. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE DISTURBED AREAS ARE STABILIZED. ALL ROADWAYS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE. CUT AND FILL SLOPES SHALL BE LOAMED & SEEDED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE. TEMPORARY AND/OR PERMANENT STABILIZATION SHALL BE INSTALLED WITHIN 45 DAYS OF INITIAL CONSTRUCTION.

AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:

- A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED
- B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED
- C. A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED
- D. OR, EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED

TIME LIMIT: ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.

4. ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4" OF LOAM INSTALLED WITH NOT LESS THAN 1.1 POUNDS OF SEED MIX PER 1,000 SQ. FT. SEE SEEDING SPECIFICATIONS ON THIS SHEET
5. LIME AND FERTILIZER SHALL BE INCORPORATED INTO THE SOIL PRIOR TO OR AT THE TIME OF AT THE TIME OF SEEDING. A MINIMUM OF 2 TONS PER ACRE OF AGRICULTURAL LIMESTONE AND 500 LBS. PER ACRE OF 10-20-20 FERTILIZER SHALL BE APPLIED. SEEDING PRACTICES SHALL COMPLY WITH LOCAL USDA SOIL CONSERVATION SERVICES RECOMMENDATIONS.
6. STRAW MULCH OR JUTE MATTING SHALL BE USED IF/WHERE INDICATED ON THE PLANS. A MINIMUM OF 1.5 TONS OF MULCH PER ACRE SHALL BE APPLIED. MULCH SHALL BE ANCHORED IN PLACE WHERE NECESSARY. JUTE MATTING SHALL BE LAID IN THE DIRECTION OF RUNOFF FLOW FLOW AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
7. PERMANENT OR TEMPORARY COVER MUST BE IN PLACE BEFORE THE GROWING SEASON ENDS. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS AREA NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 15 TO SEPTEMBER 15. NO DISTURBED AREA SHALL BE LEFT EXPOSED DURING WINTER MONTHS.
8. TO CONTROL DUST DURING CONSTRUCTION, WATER DISTRIBUTION SHALL BE USED.
9. LIMIT THE LENGTH OF EXPOSURE OF UNSTABILIZED SOIL TO 45 DAYS OR LESS.
10. EROSION CONTROL PRACTICES ARE TO BE INSPECTED WEEKLY AND AFTER 0.5" OF RAINFALL.
11. TEMPORARY WATER DIVERSION (SEDIMENT BASINS, SWALES, ETC.) MUST BE USED AS NECESSARY TO CONTAIN RUNOFF UNTIL SOILS ARE STABILIZED.

GENERAL NOTES:

1. PROJECT ENGINEER: HESS ENGINEERING & CONSTRUCTION CONSULTANTS, LLC., PO BOX 991, ASHLAND, NH 03217  
PROJECT SURVEYOR: BROWN ENGINEERING & SURVEYING LLC., PO BOX 703, ASHLAND, NH 03217  
PROJECT WETLAND AND SOILS SCIENTIST: N/A
2. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO TOWN REGULATIONS AND THE LATEST EDITION OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
3. IF, DURING CONSTRUCTION IT BECOMES APPARENT THAT DEFICIENCIES EXIST IN THE APPROVED DESIGN DRAWINGS, THE CONTRACTOR, DEVELOPER OR OWNER ARE RESPONSIBLE TO DOCUMENT THE APPARENT DEFICIENCIES AND NOTIFY THE DESIGN ENGINEER PRIOR TO CONTINUING CONSTRUCTION ACTIVITIES. THE DESIGN ENGINEER, IN COOPERATION WITH THE CONTRACTOR, DEVELOPER OR OWNER WILL RESOLVE THE APPARENT DEFICIENCIES TO MEET APPLICABLE TOWN REGULATIONS.
4. IF, DURING CONSTRUCTION, IT BECOMES APPARENT THAT ADDITIONAL EROSION CONTROL MEASURES ARE REQUIRED, THE CONTRACTOR, DEVELOPER OR OWNER SHALL BE REQUIRED TO INSTALL ADDITIONAL EROSION PROTECTION MEASURES.
5. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO VERIFY THE LOCATION OF ALL UTILITIES, OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA. THE PROTECTION OR RELOCATION OF UTILITIES IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR. (DIG SAFE NUMBER PROVIDED ON SHEET I)
6. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AT ALL TIMES.
7. NO EXCAVATED AREA SHALL BE LEFT UNATTENDED AND SHALL BE THOROUGHLY SECURED ON A DAILY BASIS.
8. THE PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENT AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.

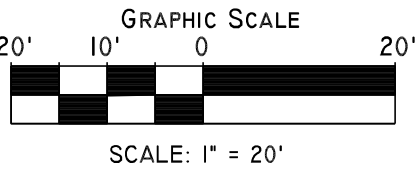
CONSTRUCTION DETAILS

TAX MAP 235 LOT 24  
606 CELLAR HOLE ROAD, DEERING, NH 03244

PREPARED FOR:  
BENJAMIN F. BAUER  
60 PAYSON ROAD  
BELMONT, MA 02478  
BOOK 9113 PAGE 2129

PREPARED BY:  
HESS ENGINEERING & CONSTRUCTION CONSULTANTS, LLC  
63 WEST STREET - P.O. BOX 991  
ASHLAND, NH 03217  
TEL: (603) 968-5664  
WWW.HESSENGINEERINGLLC.COM

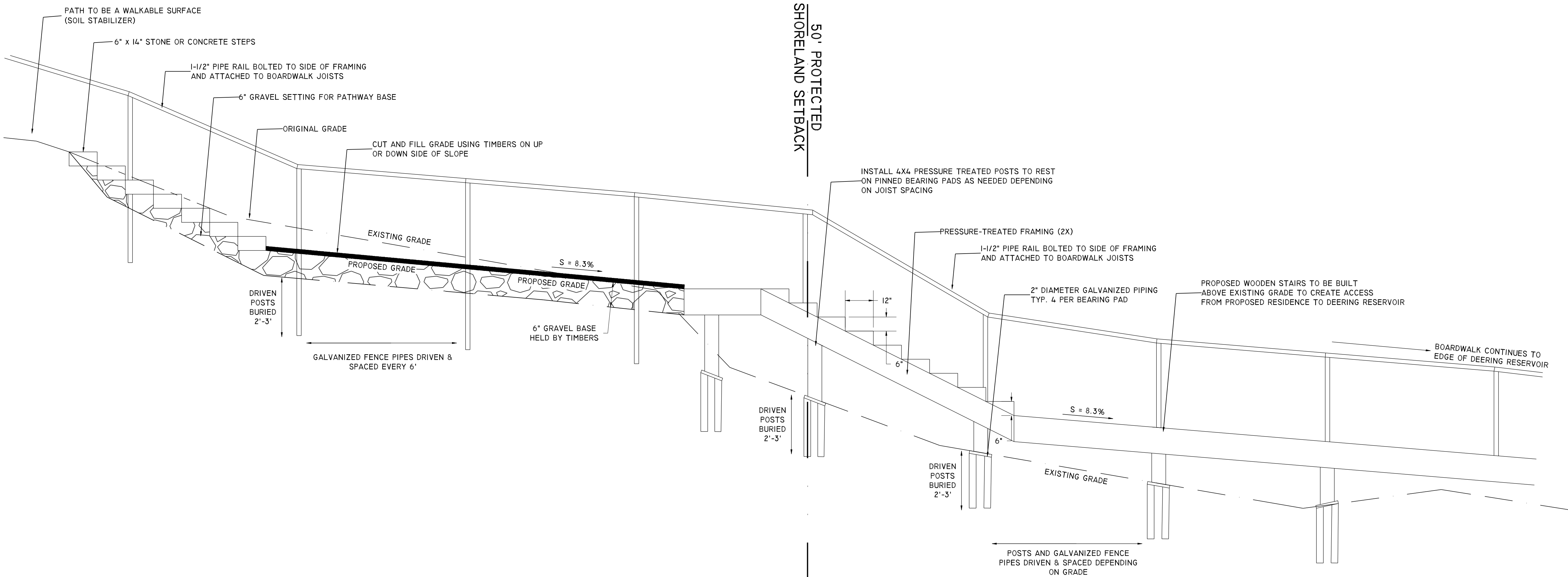
DRAWN BY:  
WESLEY W. LAMBERT  
REVIEWED BY:  
MARIO FOCARETO, P.E.



REV.	DATE	DESCRIPTION	BY

DATE: 6/2/2025  
JOB NO: 24046





PATH ON GRADE OUTSIDE OF 50' SETBACK

- NOTES:
- 1. STEPS ARE TO BE STONE OR CONCRETE, AND;
  - 2. LOCATION OF THE STEPS ALONG THE LENGTH OF THE PATH WILL BE DETERMINED BY THE CONTRACTOR BASED ON EXISTING TOPOGRAPHY AND SURFACE CONDITIONS

NOT TO SCALE

ELEVATED BOARDWALK AND STEPS WITHIN 50' SETBACK

- NOTES:
- 1. THIS DETAIL ONLY APPLIES TO PORTIONS OF THE PATHWAY WITHIN THE PROTECTED SHORELAND;
  - 2. BEARING PADS ARE TO BE 12"x12"x3" (LWH) PVC;
  - 3. SHIMS ARE TO BE USED ON BEARING PADS WHERE DEEMED NECESSARY BY THE CONTRACTOR;
  - 4. BEARING POINTS AND GROUND PENETRATIONS ARE TO BE SPACED AS FAR APART AS POSSIBLE;
  - 5. SPACING OF STAIRCASE SECTIONS WILL BE DETERMINED BY THE CONTRACTOR TO KEEP THE SURFACE OF BOARDWALK AS CLOSE TO THE GROUND AS POSSIBLE (E.G., 14"-20")

NOT TO SCALE

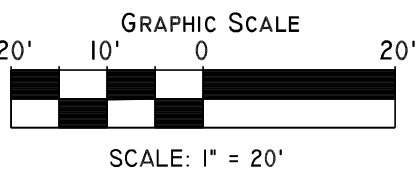
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