

SOILS:

Pd - PAXTON, FINE SANDY LOAM, VERY STONY,  
15 TO 25% SLOPES  
SEE: USDA/NRCS WEBSOIL

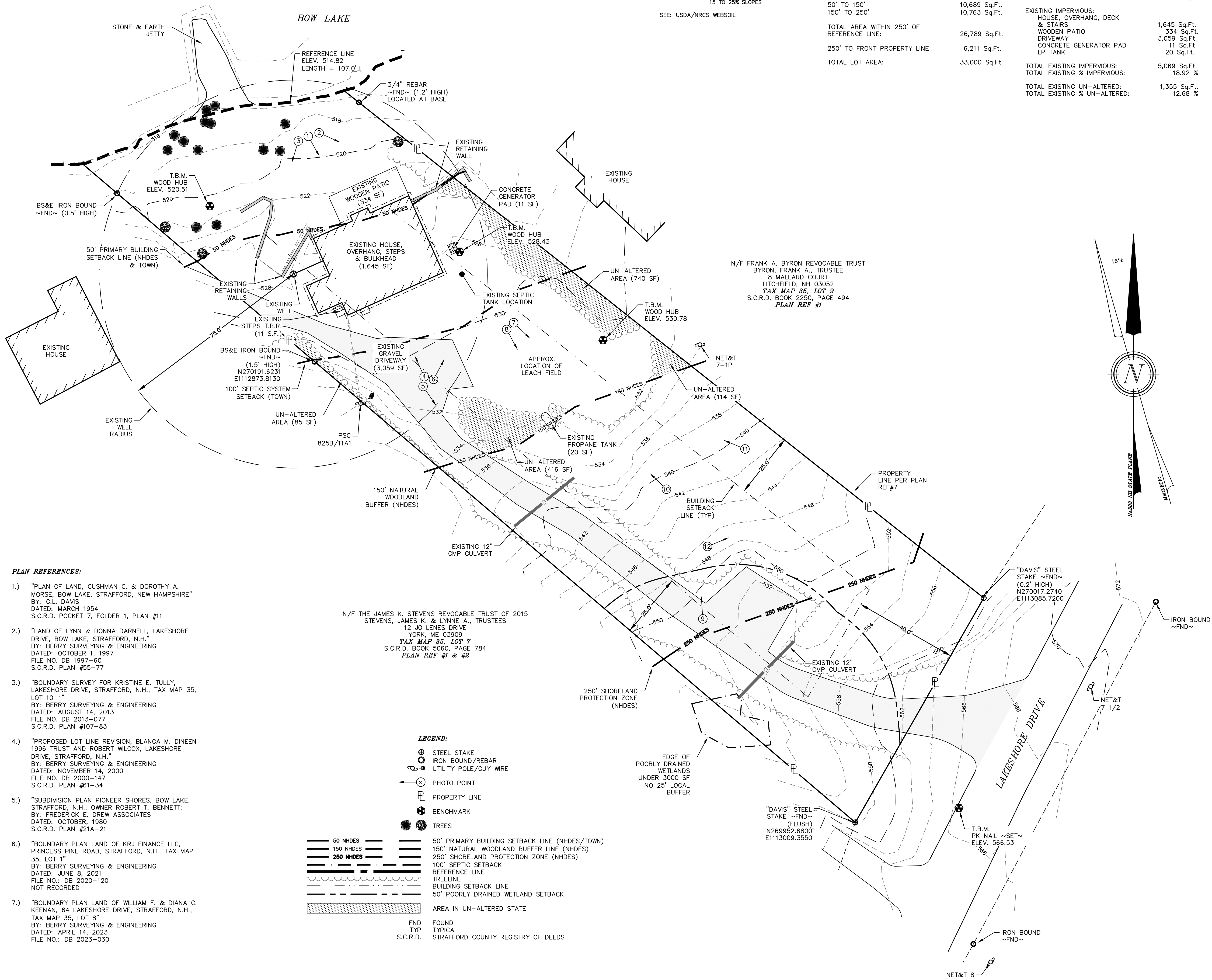
SECTION AREAS:

REFERENCE LINE TO 50'  
50' TO 150'  
150' TO 250'  
TOTAL AREA WITHIN 250' OF  
REFERENCE LINE:  
250' TO FRONT PROPERTY LINE  
TOTAL LOT AREA:

5,337 Sq.Ft.  
10,689 Sq.Ft.  
10,763 Sq.Ft.  
26,789 Sq.Ft.  
6,211 Sq.Ft.  
33,000 Sq.Ft.

EXISTING IMPERVIOUS CALCULATIONS:

TOTAL LOT AREA WITHIN 250' 26,789 Sq.Ft.  
EXISTING IMPERVIOUS:  
HOUSE, OVERHANG, DECK  
& STAIRS 1,645 Sq.Ft.  
WOODEN PATIO 334 Sq.Ft.  
DRIVEWAY 3,059 Sq.Ft.  
CONCRETE GENERATOR PAD 11 Sq.Ft.  
LP TANK 20 Sq.Ft.  
TOTAL EXISTING IMPERVIOUS: 5,069 Sq.Ft.  
TOTAL EXISTING % IMPERVIOUS: 18.92 %  
TOTAL EXISTING UN-ALTERED: 1,355 Sq.Ft.  
TOTAL EXISTING % UN-ALTERED: 12.68 %

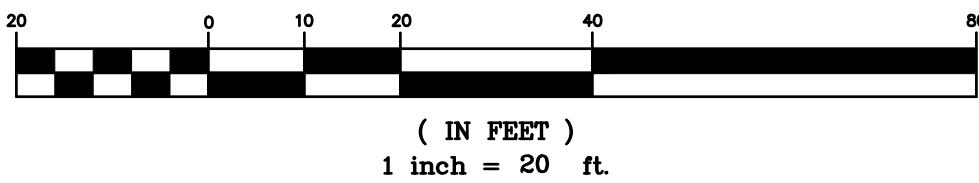


NOTES:

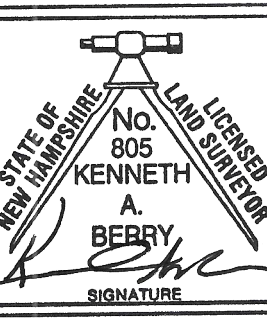
- OWNER: HARTMANN FAMILY REVOCABLE TRUST  
SAMUEL B. & LINDA J. HARTMANN, TRUSTEES  
P.O. BOX 89  
STRAFFORD, NH 03884
- TAX MAP 35, LOT 8
- LOT AREA: 33,000 Sq. Ft.±, 0.75 Ac.±
- S.C.R.D. BOOK 5125, PAGE 544
- ZONING: AGRICULTURAL-RESIDENTIAL DISTRICT  
FRONT SETBACK: 40.0'  
SIDE SETBACK: 25.0'  
REAR SETBACK: 25.0'  
SEPTIC SYSTEM TO LAKE SETBACK: 100.0'
- I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE & BELIEF, THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN.  
FLOOD HAZARD REF.: FEMA COMMUNITY# 330196,  
MAP# 33017C0260D, DATED: MAY 17, 2005,  
ZONE AE ELEV. 517
- VERTICAL DATUM BASED ON USGS NAVD88 ELEVATIONS.  
HORIZONTAL COORDINATES BASED ON NAD83. COORDINATES  
GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS  
RECEIVERS PER PLN REF. #6
- THE INTENT OF THIS PLAN IS TO SHOW THE EXISTING  
CONDITIONS OF TAX MAP 35, LOT 8 AS OF JUNE 23, 2023.
- CURRENT SEPTIC SYSTEM TYPE AND LOCATION UNKNOWN.
- THERE WILL BE NO DISTURBANCE BETWEEN THE  
REFERENCE LINE AND THE 50' PRIMARY BUILDING  
SETBACK LINE.

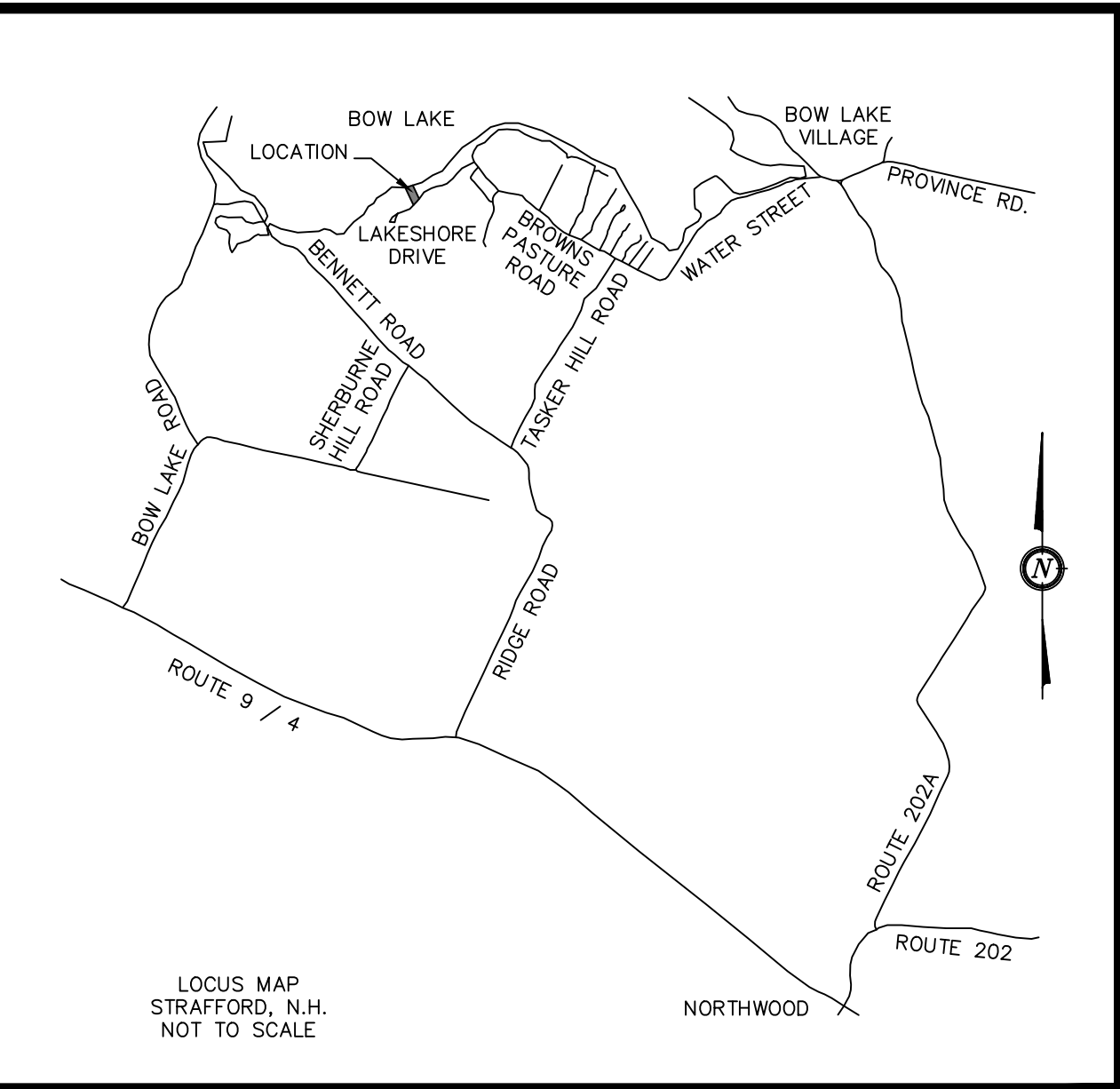
THIS IS NOT A BOUNDARY SURVEY

GRAPHIC SCALE



REVISION	DATE	DESCRIPTION
EXISTING CONDITIONS PLAN LAND OF HARTMANN FAMILY REVOCABLE TRUST 64 LAKESHORE DRIVE STRAFFORD, N.H. TAX MAP 35, LOT 8		
BERRY SURVEYING & ENGINEERING 335 SECOND CROWN POINT RD. BARRINGTON, N.H. (603)332-2863		
SCALE : 1 IN. EQUALS 20 FT.		
DATE : OCTOBER 18, 2023		
FILE NO. : DB 2023-030		



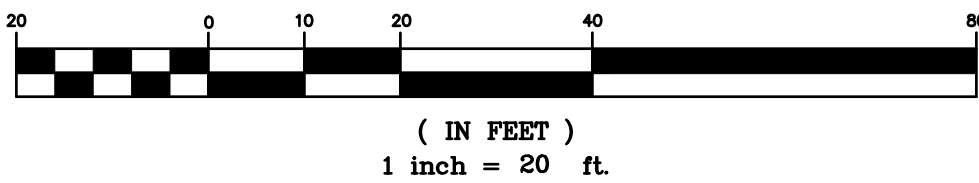


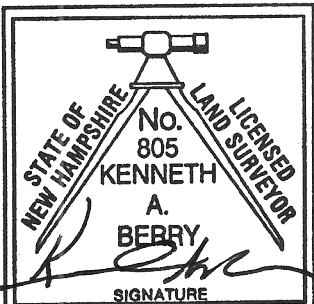
**NOTES:**

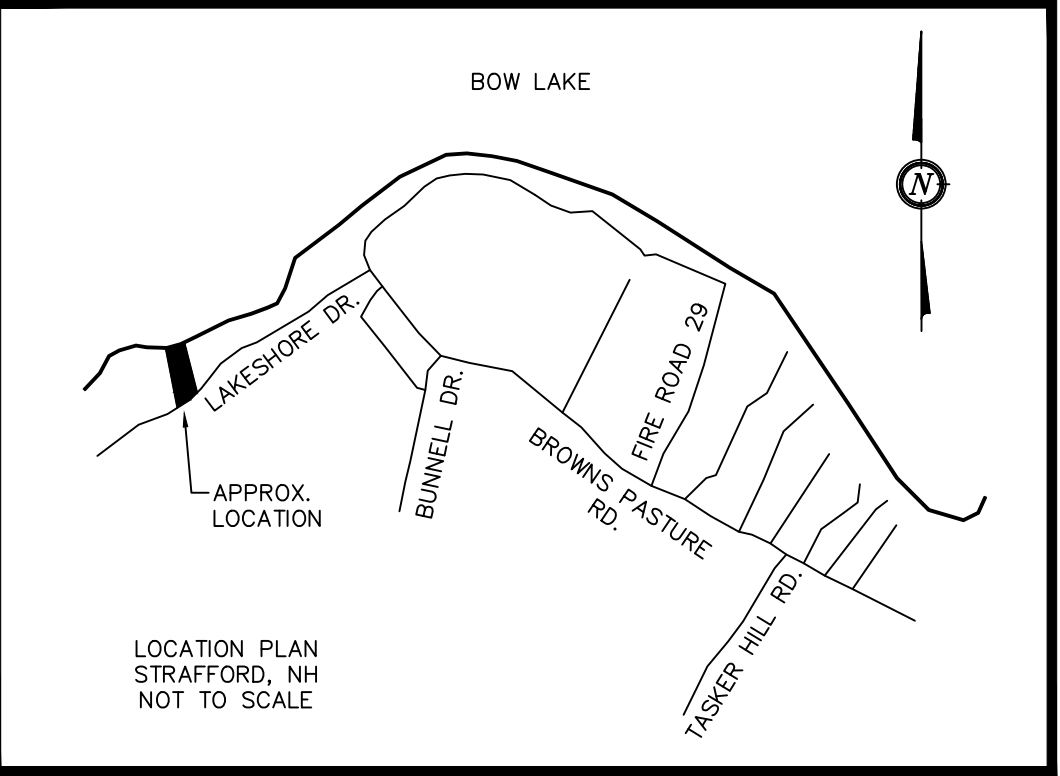
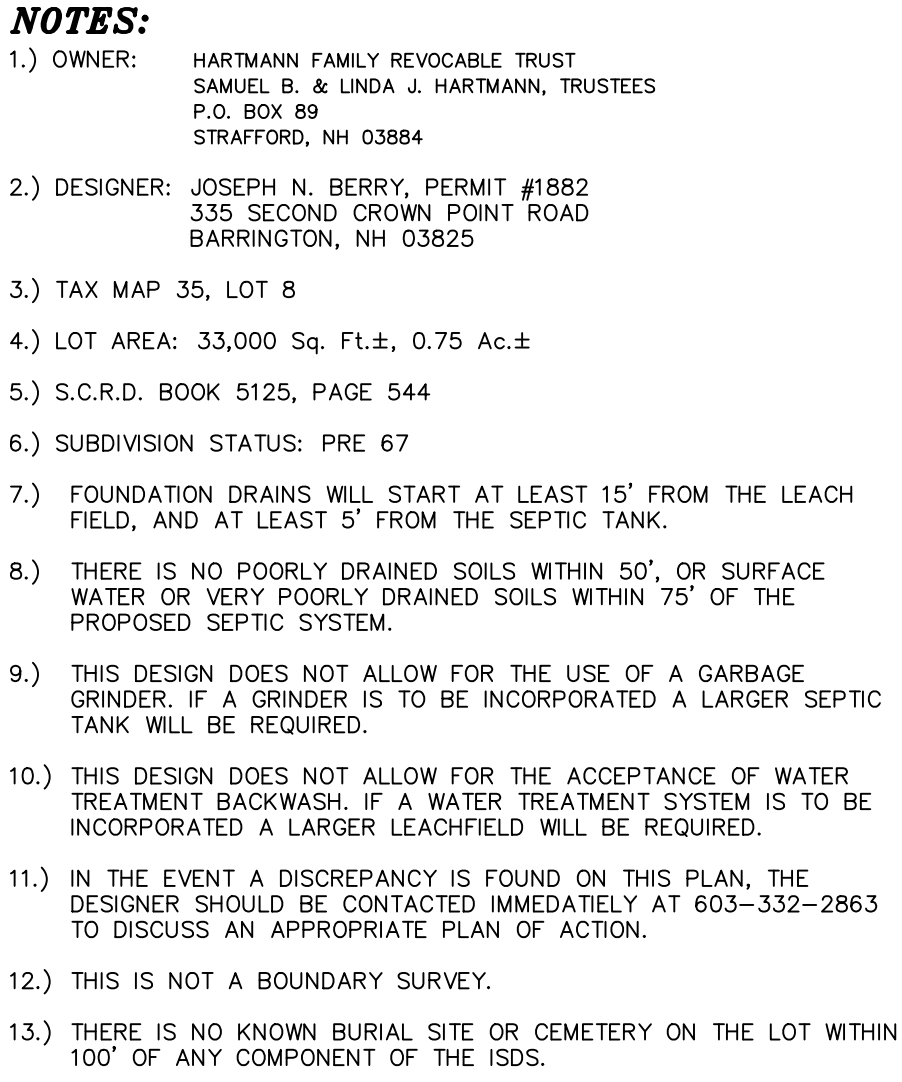
- 1.) OWNER: HARTMANN FAMILY REVOCABLE TRUST  
SAMUEL B. & LINDA J. HARTMANN, TRUSTEES  
P.O. BOX 89  
STRAFFORD, NH 03884
- 2.) TAX MAP 35, LOT 8
- 3.) LOT AREA: 33,000 Sq. Ft.±, 0.75 Ac.±
- 4.) S.C.R.D. BOOK 5125, PAGE 544
- 5.) ZONING: AGRICULTURAL-RESIDENTIAL DISTRICT  
FRONT SETBACK: 40.0'  
SIDE SETBACK: 25.0'  
REAR SETBACK: 25.0'  
SEPTIC SYSTEM TO LAKE SETBACK: 100.0'
- 6.) I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE  
BELIEF, THIS PARCEL DOES FALL WITHIN THE FLOOD PLAIN  
FLOOD HAZARD REF.: FEMA COMMUNITY# 330196,  
MAP# 3301702060, DATED: MAY 17, 2005,  
ZONE AE ELEV. 517
- 7.) VERTICAL DATUM BASED ON UGS NAD88 ELEVATIONS.  
HORIZONTAL COORDINATES BASED ON NAD83, COORDINATES  
GATHERED USING TOPCON HIPER SR SURVEY GRADE GPS  
RECEIVERS PER PLAN REF. #6
- 8.) THE INTENT OF THIS PLAN IS TO SHOW THE PROPOSED  
CONDITIONS OF TAX MAP 35, LOT 8 IN RELATION TO A  
NHDES SHORELAND PERMIT.
- 9.) THERE WILL BE NO DISTURBANCE BETWEEN THE  
REFERENCE LINE AND THE 50' PRIMARY BUILDING  
SETBACK LINE.

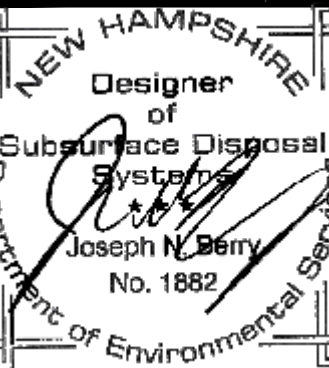
THIS IS NOT A BOUNDARY SURVEY

### GRAPHIC SCALE

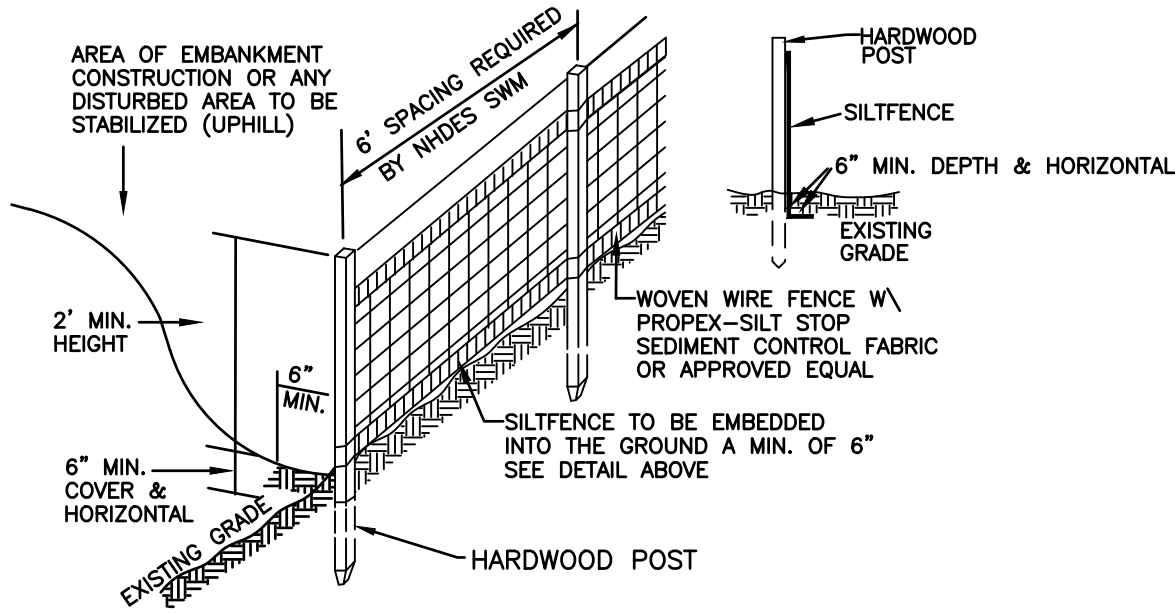


REVISION	DATE	DESCRIPTION
<p>PROPOSED CONDITIONS PLAN  LAND OF  HARTMANN FAMILY REVOCABLE TRUST  64 LAKESHORE DRIVE  STRAFFORD, N.H.  <i>TAX MAP 35, LOT 8</i></p>		
 <p>BERRY SURVEYING &amp; ENGINEERING  335 SECOND CROWN POINT RD.  BARRINGTON, N.H. (603)332-2863</p>		
<p>SCALE : 1 IN. EQUALS 20 FT.</p>		
<p>DATE : OCTOBER 18, 2023</p>		
<p>FILE NO. : DB 2023-030</p>		



#1	12-27-23	REVISED GARAGE OUT ELEVATION
REVISION	DATE	DESCRIPTION
<p>PROPOSED ADVANCED ENVIRO-SEPTIC SYSTEM  FOR  HARTMANN FAMILY REVOCABLE TRUST  64 LAKESHORE DRIVE  STRAFFORD, N.H.  <i>TAX MAP 35, LOT 8</i></p>		
		<p>BERRY SURVEYING &amp; ENGINEERING  335 SECOND CROWN POINT RD.  BARRINGTON, N.H. 332-2863</p> <p>SCALE : 1 IN. EQUALS 20 FT.</p> <p>DATE : OCTOBER 18, 2023</p> <p>FILE NO. : DB 2023-030</p>

E1



SILT FENCE CONSTRUCTION SPECIFICATIONS

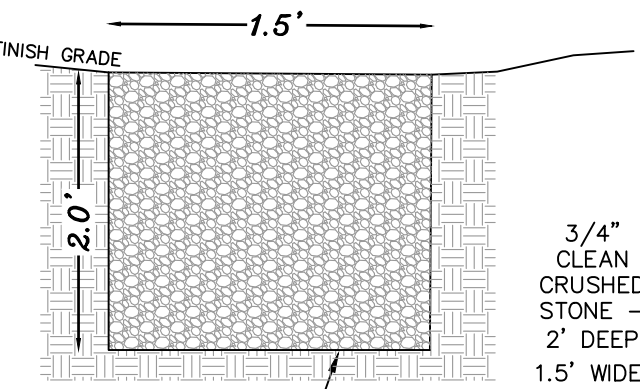
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A MAXIMUM 6' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND.
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING.
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF. SEE MAINTENANCE NOTE BELOW, REMOVAL OF SEDIMENT REQUIRED AT A DEPTH OF 6-INCHES.
4. PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE FOR SEDIMENT STORAGE.
5. SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER.
6. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED.
7. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, SILT FENCE, PAGE 90.

SILT FENCE MAINTENANCE

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. 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 REMOVED WHEN THEY REACH SIX-INCHES IN DEPTH.
4. 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.

SILT FENCE DETAIL  
NOT TO SCALE

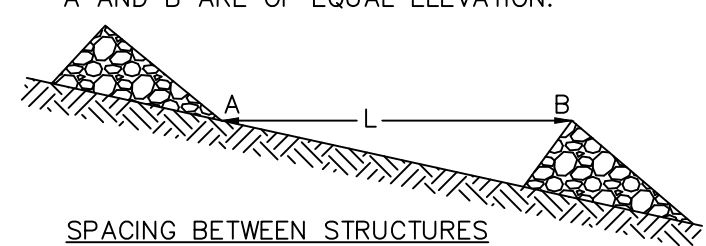
E5



INFILTRATION STONE DRIP EDGE DETAIL  
SECTION VIEW

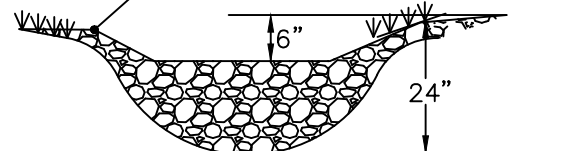
STONE CHECK DAM

NOT TO SCALE



1. CHECK DAMS SHOULD BE INSTALLED BEFORE RUNOFF IS DIRECTED TO THE SWALE OR DRAINAGE DITCH.
2. THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE DAM SHOULD BE LESS THAN ONE ACRE.
3. THE MAXIMUM HEIGHT OF THE DAM SHOULD BE TWO FEET.
4. THE CENTER OF THE DAM SHOULD BE AT LEAST SIX INCHES LOWER THAN THE OUTER EDGES.
5. THE MAXIMUM SPACING IS AS SHOWN ON THE PROJECT SITE PLANS.
6. CHECK DAMS WILL NOT BE USED IN A FLOWING STREAM.
7. TEMPORARY CHECK DAMS WILL BE REMOVED ONCE THE SWALE OR DITCH IS DETERMINED STABLE.
8. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, TEMPORARY CHECK DAMS, PAGE 114.

NOTE: KEY STONE INTO CHANNEL BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" TO PREVENT FLOW AROUND THE DAM.



STONE GRADE STABILIZATION STRUCTURE

E2

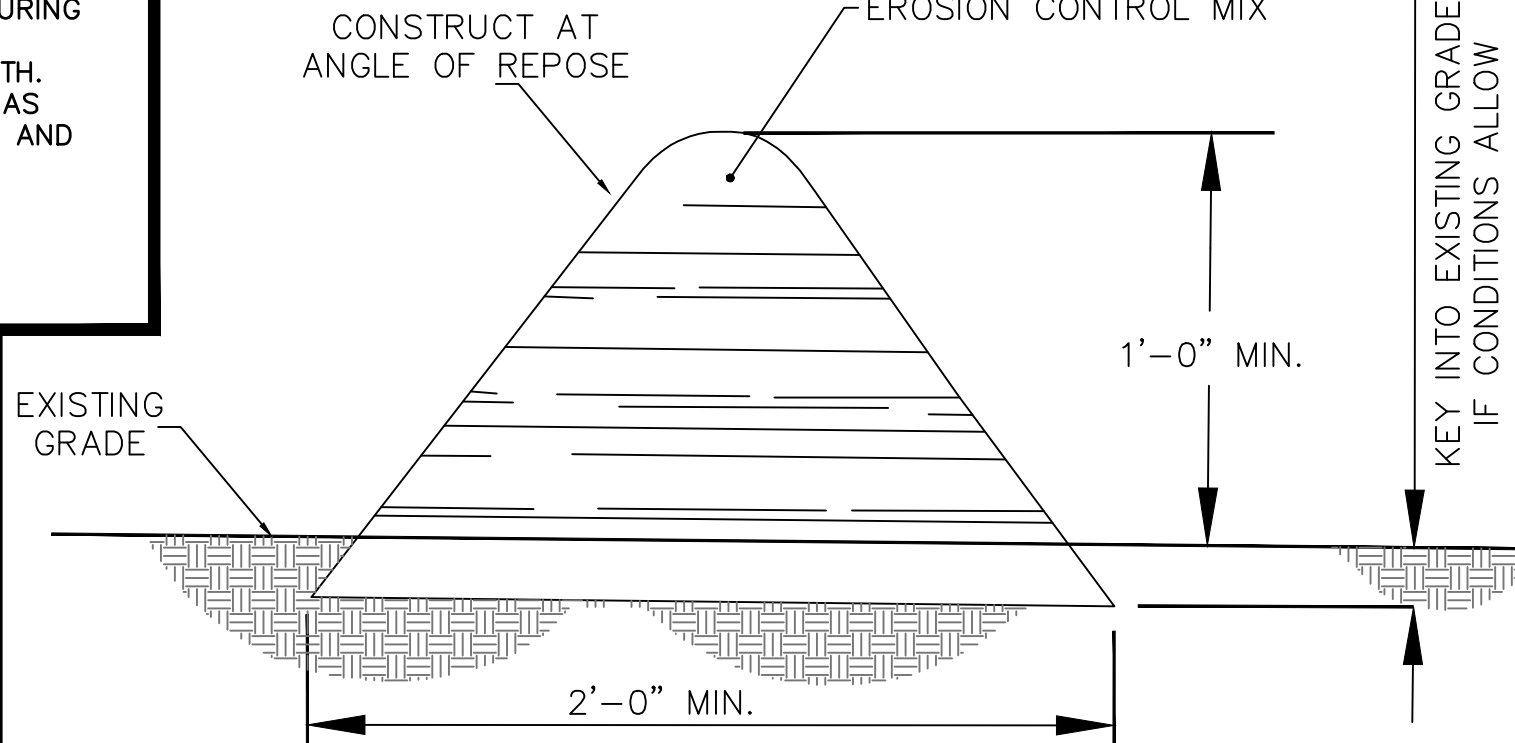
WINTER STABILIZATION NOTES

1. ALL DISTURBED AREAS THAT DO NOT HAVE AT LEAST 85% VEGETATIVE COVERAGE PRIOR TO OCTOBER 15TH SHALL BE STABILIZED BY APPLYING MULCH AT A RATE OF 3-4 TONS PER ACRE. ALL SIDE SLOPES, STEEPER THAN 4:1, THAT ARE NOT DIRECTED TO SWALES OR DETENTION BASINS, SHALL BE LINED WITH BIODEGRADABLE/PHOTODEGRADABLE "JUTE MATTING" (EXCELSIOR'S CURLEX II OR EQUAL). ALL OTHER SLOPES SHALL BE MULCHED AND TACKED AT A RATE OF 3-4 TONS PER ACRE. THE APPLICATION OF MULCH AND/OR JUTE MATTING SHALL NOT OCCUR OVER EXISTING SNOW COVER. IF THE SITE IS ACTIVE AFTER OCTOBER 15TH, ANY SNOW THAT ACCUMULATES ON DISTURBED AREAS SHALL BE REMOVED. PRIOR TO SPRING THAW ALL AREAS WILL BE STABILIZED, AS DIRECTED ABOVE.
2. ALL SWALES THAT DO NOT HAVE FULLY ESTABLISHED VEGETATION SHALL BE EITHER LINED WITH TEMPORARY JUTE MATTING OR TEMPORARY STONE CHECK DAMS (APPROPRIATELY SPACED). STONE CHECK DAMS WILL BE MAINTAINED THROUGHOUT THE WINTER MONTHS. IF THE SWALES ARE TO BE MATTED WITH PERMANENT LINERS OR RIPRAP WITH ENGINEERING FABRIC, THIS SHALL BE COMPLETED PRIOR TO WINTER SHUTDOWN OR AS SOON AS THEY ARE PROPERLY GRADED AND SHAPED.
3. PRIOR TO OCT. 15TH ALL ROADWAY AND PARKING AREAS SHALL BE BROUGHT UP TO AND THROUGH THE BANK RUN GRAVEL APPLICATION. IF THESE AREAS' ELEVATIONS ARE PROPOSED TO REMAIN BELOW THE PROPOSED SUBGRADE ELEVATION, THE SUBGRADE MATERIAL SHALL BE ROUGHLY CROWNED AND A 3" LAYER OF CRUSHED GRAVEL SHALL BE PLACED AND COMPACTED. THIS WILL ALLOW THE SUBGRADE TO SHED RUNOFF AND WILL REDUCE ROADWAY EROSION. THIS CRUSHED GRAVEL DOES NOT HAVE TO CONFORM TO NH DOT 304.3, BUT SHALL HAVE BETWEEN 15-25% PASSING THE #200 SIEVE AND THE LARGEST STONE SIZE SHALL BE 2" IF THE SITE IS ACTIVE AFTER OCTOBER 15TH, ANY ACCUMULATED SNOW SHALL BE REMOVED FROM ALL ROADWAY AND PARKING AREAS.
4. AFTER OCTOBER 15TH, THE END OF NEW HAMPSHIRE'S AVERAGE GROWING SEASON, NO ADDITIONAL LOAM SHALL BE SPREAD ON SIDE SLOPES AND SWALES. THE STOCKPILES THAT WILL BE LEFT UNDISTURBED UNTIL SPRING SHALL BE SEEDED BY THIS DATE. AFTER OCTOBER 15TH, ANY NEW OR DISTURBED PILES SHALL BE MULCHED AT A RATE OF 3-4 TONS PER ACRE. ALL STOCKPILES THAT WILL REMAIN THROUGHOUT THE WINTER SHALL BE SURROUNDED WITH SILT FENCING.

E6

EROSION CONTROL MIX BERM

NOT TO SCALE

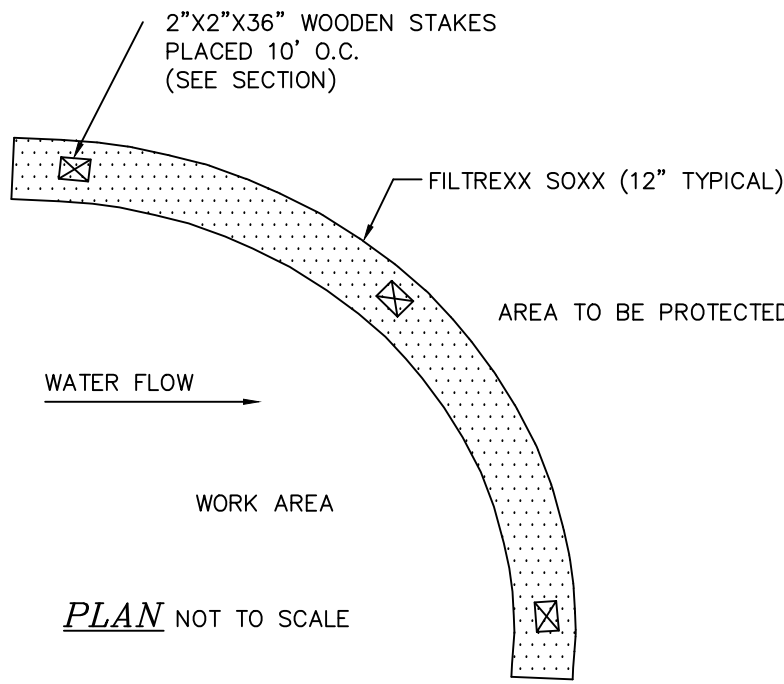


EROSION CONTROL MIX BERMS SHALL BE USED ONLY AS FOLLOWS:

1. BERMS SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE BERM.
2. THE BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSLY AS POSSIBLE.
3. THE BERMS SHALL BE INSTALLED ON SLOPES LESS THAN 5%.
4. SUBJECT TO (E), BELOW, THE MIX SHALL HAVE AN ORGANIC PORTION BETWEEN 80 AND 100% DRY WEIGHT BASIS, AND BE FIBROUS AND ELONGATED SUCH AS FROM SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR EQUIVALENT MANUFACTURED PRODUCTS.
5. WOOD AND BARK GROUND CONSTRUCTION DEBRIS, OR REPROCESSED WOOD PRODUCTS SHALL NOT BE USED AS ORGANIC MATERIAL.
6. THE MIX SHALL NOT CONTAIN SILTS, CLAY, OR FINE SANDS.
7. THE MIX SHALL HAVE A PARTICLE SIZE BY WEIGHT OF 70 TO 85% PASSING A 6-INCH SCREEN AND A MAXIMUM OF 85% PASSING THE 0.75-INCH SCREEN.
8. THE MIX PH SHALL BE BETWEEN 5.0 AND 8.0.
9. THE BERM SHALL BE AT LEAST 12 INCHES HIGH AND AT LEAST 2 FEET WIDE.
10. TO BE CONSTRUCTED IAW NH SWM #3 4-2 SEDIMENT CONTROL PRACTICES, EROSION CONTROL MIX BERMS, PAGE 106.

E11

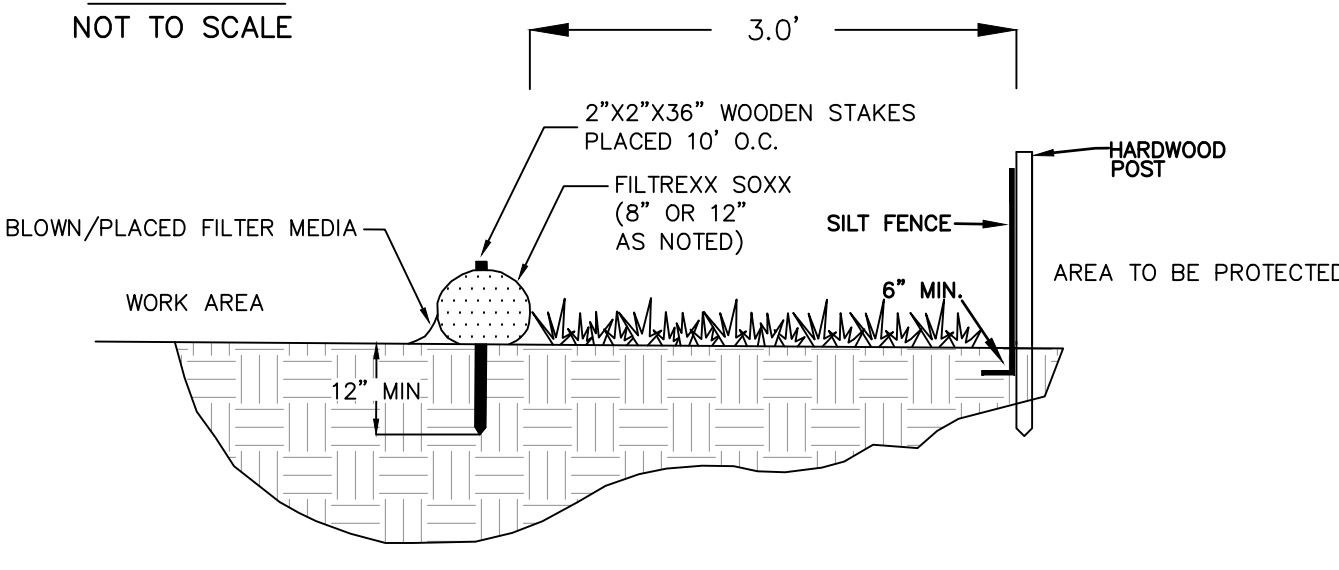
E10



PLAN NOT TO SCALE

FILTREXX SEDIMENT CONTROL

NOT TO SCALE



Filtrex International, LLC  
35481 Grafton Eastern Rd | Grafton, Oh 44044  
440-926-2607 | fax: 440-926-4021  
WWW.FILTREXX.COM  
OR APPROVED EQUAL

NOTE: FOR AREAS REQUIRING DOUBLE PERIMETER CONTROL WITHIN 50' OF JURISDICTIONAL WETLANDS AND NOT FOR ALL SILT SOXX APPLICATIONS. THIS DUPLICATION MAY BE SPECIFIED AS 12" SILT SOXX OR ORANGE CONSTRUCTION FENCE AS NOTED.

SECTION NOT TO SCALE

E3

DEFINITION OF STABLE:

PER ENV-WQ 1500 ALTERATION OF TERRAIN

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

ADDITION STABILIZATION NOTES:

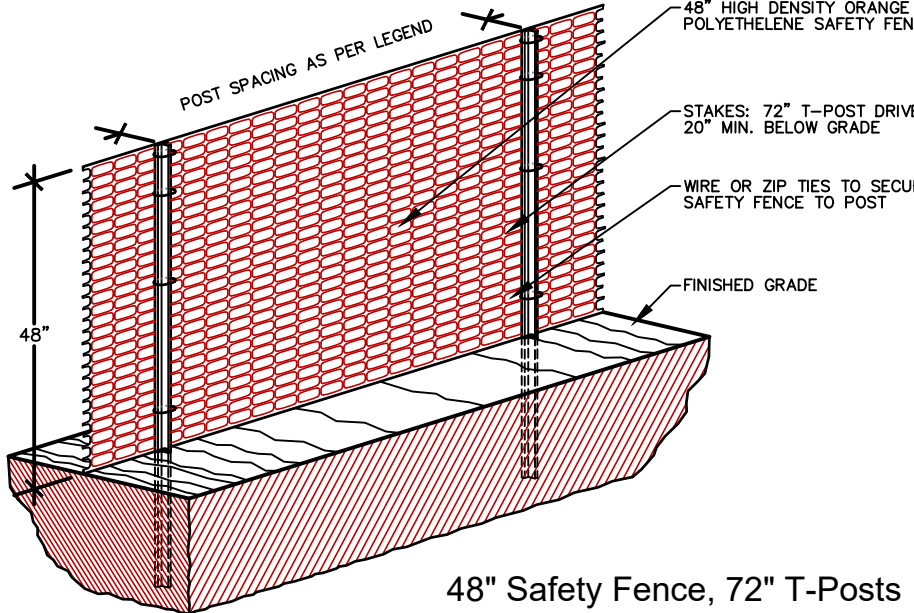
5. HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED TO CONTROL EROSION OF NEWLY GRADED AREAS. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS AFTER THEIR CONSTRUCTION.
6. DISTURBED SOIL AREAS SHALL BE EITHER TEMPORARILY OR PERMANENTLY STABILIZED. IN AREAS WHERE FINAL GRADING HAS NOT OCCURRED, TEMPORARY STABILIZATION MEASURES SHOULD BE IN PLACE WITHIN SEVEN (5) CALENDAR DAYS FOR EXPOSED SOIL AREAS THAT ARE WITHIN ONE HUNDRED (100) FEET OF A SURFACE WATER BODY OR A WETLAND AND NO MORE THAN 14 CALENDAR DAYS FOR ALL OTHER AREAS. PERMANENT STABILIZATION SHOULD BE IN PLACE WITHIN THREE (3) CALENDAR DAYS FOLLOWING COMPLETION OF FINAL GRADING OF EXPOSED SOIL AREAS.

E4

CONSTRUCTION SAFETY FENCE

NOT TO SCALE

LEGEND	
SAF12	48" ORANGE FENCE, 12 FEET O.C.
SAF11	48" ORANGE FENCE, 11 FEET O.C.
SAF10	48" ORANGE FENCE, 10 FEET O.C.
SAF9	48" ORANGE FENCE, 9 FEET O.C.
SAF8	48" ORANGE FENCE, 8 FEET O.C.
SAF7	48" ORANGE FENCE, 7 FEET O.C.
SAF6	48" ORANGE FENCE, 6 FEET O.C.



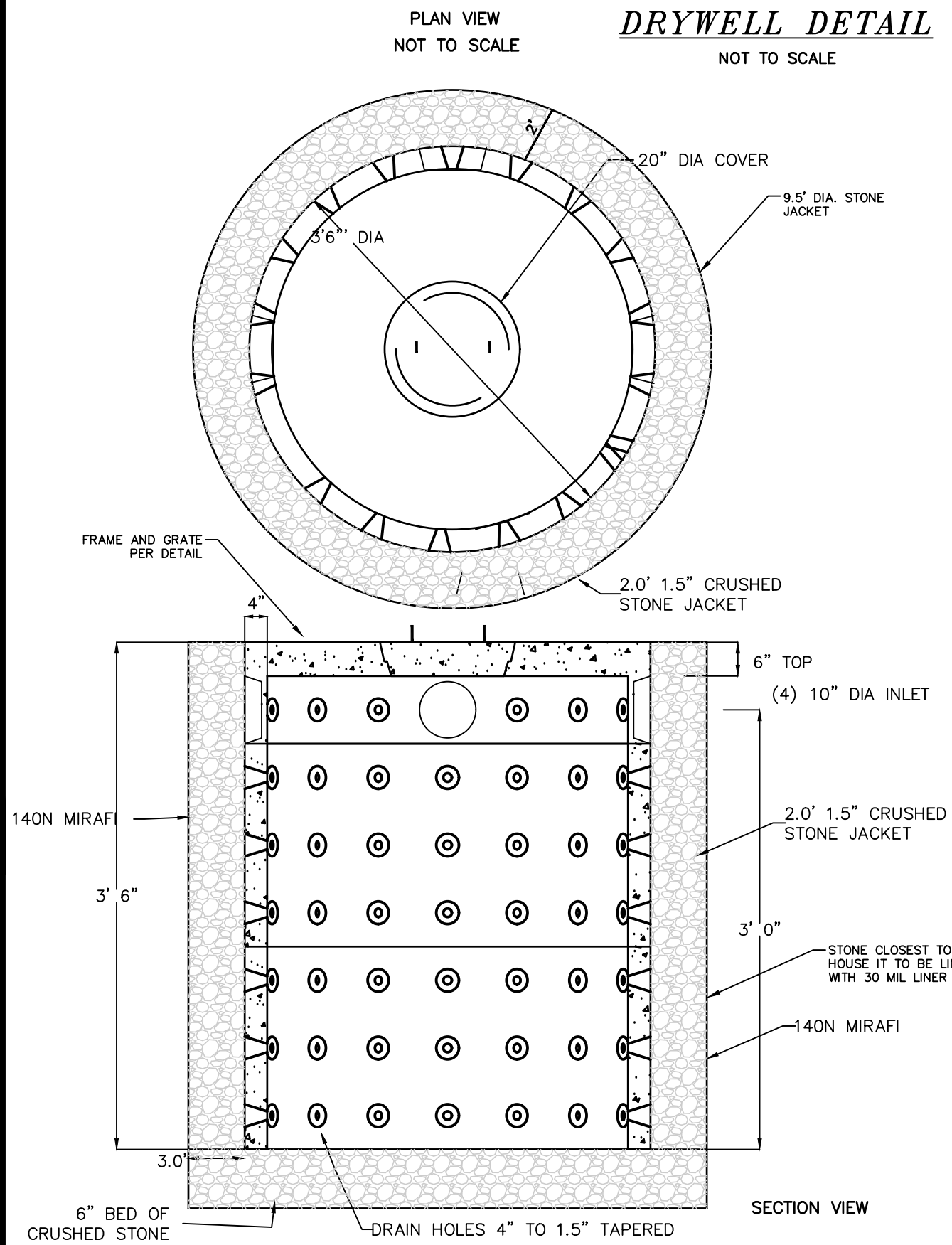
48" Safety Fence, 72" T-Posts

1. ALL SENSITIVE AREAS SHALL BE PROTECTED AS PER PLAN.
2. ALL TREES IN THE CONSTRUCTION AREA NOT SPECIFICALLY DESIGNATED FOR REMOVAL SHALL BE PRESERVED AND PROTECTED WITH HIGH VISIBILITY FENCE AS PER PLAN.
3. WHEN PRACTICABLE, INSTALL HIGH VISIBILITY 3 FEET OUTSIDE OF THE DRIP LINE OF THE TREE.
4. SAFETY FENCE SHOULD BE FASTENED SECURELY TO THE T-POSTS.
5. THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION; ANY CHANGE OF THE PROTECTIVE FENCING MUST BE APPROVED.

E8

DRYWELL DETAIL

NOT TO SCALE



ITEM NO.	WEIGHT
MDWH 3' SECTION W/COVER	1,404#

NOTES:

1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
2. ALSO AVAILABLE IN AASHTO HS-20 LOADING.
3. CAPACITY INCREASES IN INCREMENTS OF 500 GALLONS FOR EACH 3' SECTION ADDED.
4. MUST BE SHEA CONCRETE PRODUCT OR EQUAL.

E-101

EROSION & SEDIMENT CONTROL DETAILS  
LAND OF  
HARTMANN FAMILY REVOCABLE TRUST  
64 LAKESHORE DRIVE  
STRAFFORD, N.H.  
TAX MAP 35, LOT 8

BERRY SURVEYING & ENGINEERING  
335 SECOND CROWN POINT ROAD  
BARRINGTON, NH 03825 (603)332-2863  
SCALE : AS NOTED  
DATE : AUGUST 15, 2023  
FILE NO. : DB 2023 - 030

