

TEST PIT DATA:

TP-4 ON 6-13-19

0"-9" 10YR 3/3 DARK BROWN LOAM  
GRANULAR, FRIABLE

9"-20" 2.5Y 5/6 LIGHT OLIVE BROWN  
LOAMY FINE SAND  
GRANULAR, FRIABLE

20"-74" 2.5Y 6/4 LIGHT YELLOWISH BROWN  
LOAMY FINE SAND  
WEAK, BLOCKY, FRIABLE

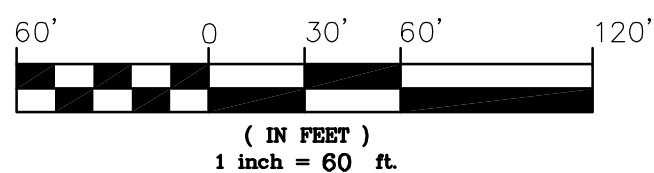
ROOTS TO 16"  
E.S.H.W.T. >74 INCHES  
WATER: NONE  
HARDPAN: NONE  
LEDGE: NONE

PERC TEST: 2 MIN/INCH AT 28 INCHES

Existing Conditions Note:

The work that has been done onsite and has been shown hereon included cutting in the driveway from Isaac Frye and starting to create a processing area by stripping and stockpiling loam and then digging into the embankment to create a flat area for the excavation. There were no known erosion issues on the site during the 2021 year.

SEE DETAIL SHEETS FOR NOTES ABOUT CONSTRUCTION SEQUENCE, AND PROCEDURES FOR PROPER CONSTRUCTION AND EROSION CONTROL PRACTICES.



SURVEYORS CERTIFICATION

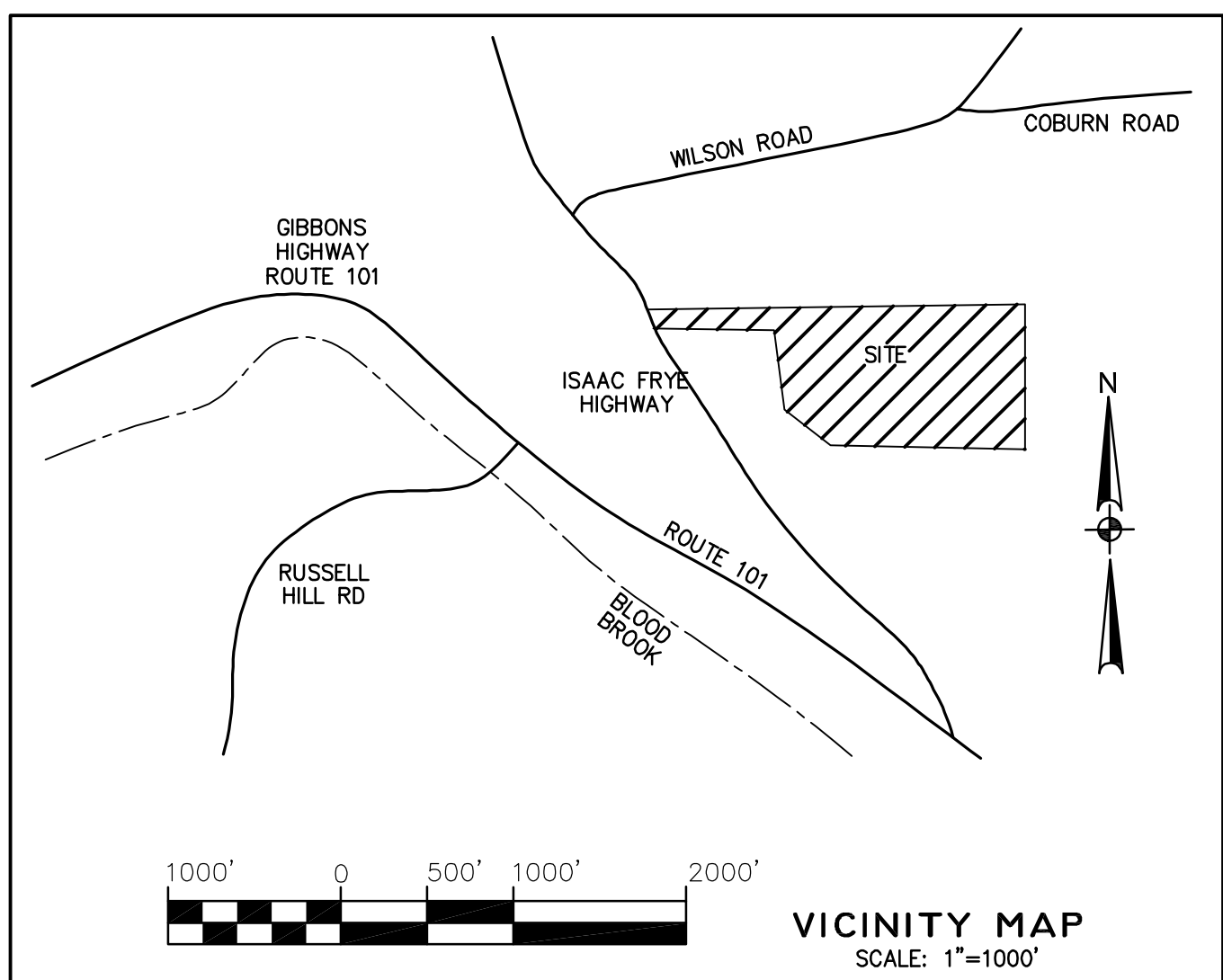
MICHAEL PLOOF

DATE

WETLANDS SCIENTIST CERTIFICATION

CHRISTOPHER GUIDA

DATE



PLAN REFERENCES:

- "SUBDIVISION PLAN, TAX LOT F/3 FOR H. JAMES KENNEDY, 539 ISAAC FRYE HIGHWAY, WILTON, NH HILLSBOROUGH COUNTY, SCALE: 1"=60', DATED DECEMBER 2015, PREPARED BY ARTHUR F. SICILIANO JR., LAND SURVEYOR" AND RECORDED IN THE HILLSBOROUGH COUNTY REGISTRY OF DEEDS AT PLAN NUMBER 3882. TOPOGRAPHICAL VERSION OF PLAN IS UNRECORDED AND ON FILE AT THE TOWN OF WILTON.
- "PROPOSED SEWAGE DISPOSAL SYSTEM PLAN, TAX MAP F LOT 3-2, WILTON, NH, ISAAC FRYE HIGHWAY, PREPARED FOR SAN KEN HOMES, INC., PREPARED BY FIELDSTONE LAND CONSULTANTS, DATED FEBRUARY 22, 2021. UNRECORDED.

NOTES:

- OWNER OF RECORD: ISAAC FRYE HOLDINGS, LLC, 586 TURNPIKE ROAD, NEW IPSWICH, NH 03071
- THE EXISTING TOPOGRAPHY SHOWN HEREON WAS PROVIDED BY FIELDSTONE LAND CONSULTANTS AND THIS PLAN SHEET IS TO ONLY SHOW THE CURRENT EXISTING CONDITIONS.
- THE CURRENT ZONING FOR SUBJECT PROPERTY AND ABUTTING PROPERTIES IS GENERAL RESIDENCE AND AGRICULTURAL DISTRICT (RA ZONE). THE PARCEL IS ALSO LOCATED IN THE AQUIFER PROTECTION OVERLAY DISTRICT AND THE WETLAND OVERLAY DISTRICT FOR THE WETLAND AREA SHOWN HEREON.



CONTACT DIG SAFE 72 HOURS  
PRIOR TO CONSTRUCTION

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. THE ENGINEERS MAKE NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ANY UTILITIES WHETHER THEY BE ABOVE OR BELOW GROUND. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-800-DIG-SAFE.

SYMBOLS LEGEND

- OHW - UTILITY POLE AND OVERHEAD WIRES
- EXISTING AND PROPOSED TREELINE
- EXISTING 2 FT CONTOUR INTERVAL
- EXISTING 10 FT CONTOUR INTERVAL
- BUILDING SETBACK LINE
- F625± EXISTING SPOT GRADE
- EXISTING OR PROPOSED DRAINAGE FLOW
- WELL (W) EXISTING OR PROPOSED WELL

OWNER SIGNATURE  
ISAAC FRYE HOLDINGS, LLC

11/18/2022  
DATE

APPROVED BY THE WILTON NH PLANNING BOARD

CHAIRPERSON / VICE CHAIRPERSON

DATE

Owner / Applicant:  
ISAAC FRYE HOLDINGS, LLC  
586 Turnpike Road  
New Ipswich, NH 03071

EXISTING CONDITIONS PLAN  
"Proposed Residence"  
TAX LOT F-3-2  
Isaac Frye Highway  
Wilton, New Hampshire

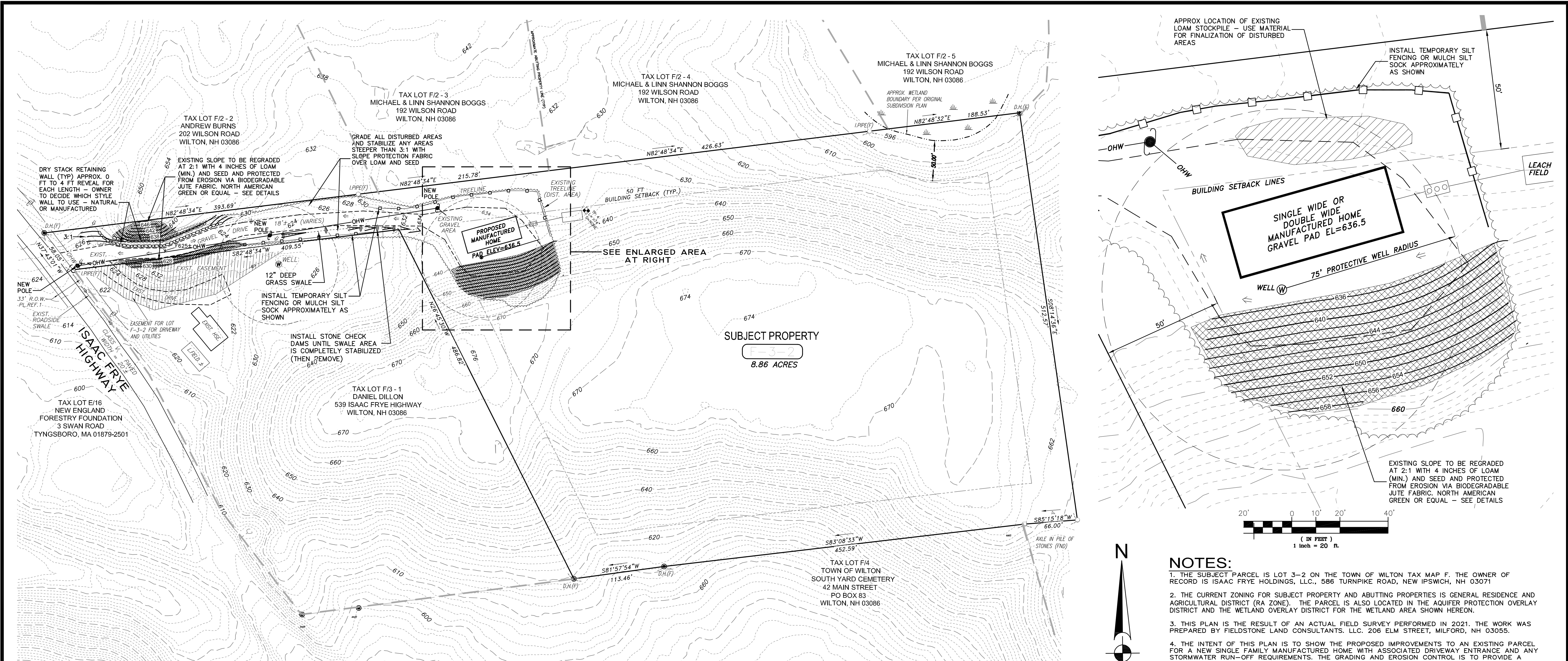
REVISIONS

DATE	DESCRIPTION	DWN BY	CK BY
1/04/22	REV. PER NRPC STAFF COMMENTS (11/29/21)	JR	JR
1/12/22	REV. PER NRPC STAFF COMMENTS	JR	JR

Rokeh Consulting, LLC  
89 KING ROAD, CHICHESTER, NH  
PH: 603-387-8688

SCALE: 1"=60'  
DATE: NOVEMBER 15, 2021  
DR. BY: JR CK. BY: JR  
JOB NO. \_\_\_\_\_  
SHEET NO. 1 OF 4





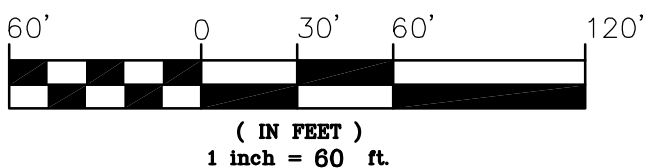
CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. THE ENGINEERS MAKE NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ANY UTILITIES WHETHER THEY BE ABOVE OR BELOW GROUND. PRIOR TO ANY EXCAVATION ON SITE THE CONTRACTOR SHALL CONTACT DIG SAFE AT 1-800-DIG-SAFE.

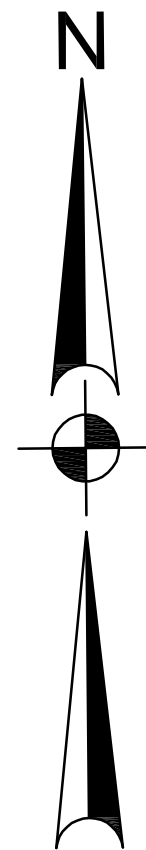
#### SYMBOLS LEGEND

- OHW — UTILITY POLE AND OVERHEAD WIRES
- EXISTING AND PROPOSED TREELINE
- EXISTING 2 FT CONTOUR INTERVAL
- 660 — EXISTING 10 FT CONTOUR INTERVAL
- BUILDING SETBACK LINE
- F625± — EXISTING OR PROPOSED SPOT GRADE
- EXISTING OR PROPOSED DRAINAGE FLOW
- 636 — PROPOSED GRADE CONTOUR
- STONE CHECK DAM IN SWALES
- SILT FENCE OR MULCH SILT SOCK
- GRASS LINED SWALE
- 2:1 SLOPE STABILIZATION FABRIC

SEE DETAIL SHEETS FOR NOTES ABOUT CONSTRUCTION SEQUENCE, AND PROCEDURES FOR PROPER CONSTRUCTION AND EROSION CONTROL PRACTICES.



APPROVED BY THE WILTON NH PLANNING BOARD
CHAIRPERSON / VICE CHAIRPERSON
DATE



#### NOTES:

- THE SUBJECT PARCEL IS LOT 3-2 ON THE TOWN OF WILTON TAX MAP F. THE OWNER OF RECORD IS ISAAC FRYE HOLDINGS, LLC., 586 TURNPIKE ROAD, NEW IPSWICH, NH 03071
- THE CURRENT ZONING FOR SUBJECT PROPERTY AND ABUTTING PROPERTIES IS GENERAL RESIDENCE AND AGRICULTURAL DISTRICT (RA ZONE). THE PARCEL IS ALSO LOCATED IN THE AQUIFER PROTECTION OVERLAY DISTRICT AND THE WETLAND OVERLAY DISTRICT FOR THE WETLAND AREA SHOWN HEREON.
- THIS PLAN IS THE RESULT OF AN ACTUAL FIELD SURVEY PERFORMED IN 2021. THE WORK WAS PREPARED BY FIELDSTONE LAND CONSULTANTS, LLC. 206 ELM STREET, MILFORD, NH 03055.
- THE INTENT OF THIS PLAN IS TO SHOW THE PROPOSED IMPROVEMENTS TO AN EXISTING PARCEL FOR A NEW SINGLE FAMILY MANUFACTURED HOME WITH ASSOCIATED DRIVEWAY ENTRANCE AND ANY STORMWATER RUN-OFF REQUIREMENTS. THE GRADING AND EROSION CONTROL IS TO PROVIDE A FINISHED AREA (IMPROVED AREA) THAT MEETS STANDARD DESIGN AND EROSION CONTROL PRACTICES PER NHDES. SOME OF THE WORK HAS BEEN PREVIOUSLY DONE REGARDING THE GRAVEL DRIVEWAY AND AN AREA WHERE THE HOME IS PROPOSED.
- THE HORIZONTAL DATUM IS NH GRID COORDINATES. THE VERTICAL DATUM IS USGS.
- THERE ARE NO FLOOD ZONE REQUIREMENTS FOR THIS PROPOSAL AS DETERMINED BY CURRENT F.I.R.M. MAPS.
- THE UTILITY INFORMATION SHOWN IS BASED ON THE ABOVE GROUND LOCATION OF VISIBLE UTILITIES. THE CONTRACTOR NEEDS TO FIELD VERIFY ALL UTILITIES PRIOR TO ANY CONSTRUCTION. THIS OFFICE DOES NOT GUARANTEE THE LOCATION AND ACCURACY OF THE UTILITY DATA. DIG SAFE SHALL BE CONTACTED 72 HOURS PRIOR TO COMMENCING ANY CONSTRUCTION (811).
- THE TOPOGRAPHIC CONTOURS OF THE SUBJECT PARCEL WHICH ARE SHOWN ARE DERIVED FROM FIELD MEASUREMENTS AND AERIAL TOPOGRAPHY. SEE EXISTING CONDITIONS PLAN FOR COMPLETE SURVEY INFORMATION.
- THERE ARE NO JURISDICTIONAL WETLANDS ON THE PROPERTY IN THE AREA OF CONSTRUCTION FOR THIS PROJECT.
- DISTURBED AREA FOR PROJECT IS 0.92 ACRES OR APPROXIMATELY 40,250 SQ. FT.
- A VARIANCE WAS GRANTED ON NOVEMBER 9, 2021 FOR SECTION 4.1 TO ALLOW THE EXCAVATION OF GRAVEL INCIDENTAL TO THE CONSTRUCTION OF A SINGLE FAMILY HOME. CASE NUMBER #5/11/21-1.
- OPEN SPACE UNDER ANY MANUFACTURED HOME IN THIS PROPOSAL SHALL BE ENCLOSED WITH SUITABLE "SKIRTING".
- ANY RECLAMATION WORK AND SUBSEQUENT EXCAVATIONS NEEDED FOR THE DWELLING SHALL ONLY BE DONE BETWEEN THE HOURS OF 8AM TO 6PM

Owner / Applicant:  
ISAAC FRYE HOLDINGS, LLC  
586 Turnpike Road  
New Ipswich, NH 03071

GRADING DRAINAGE AND EROSION CONTROL PLAN  
"Reclamation Plan & Proposed Residence"  
TAX LOT F-3-2  
Isaac Frye Highway  
Wilton, New Hampshire

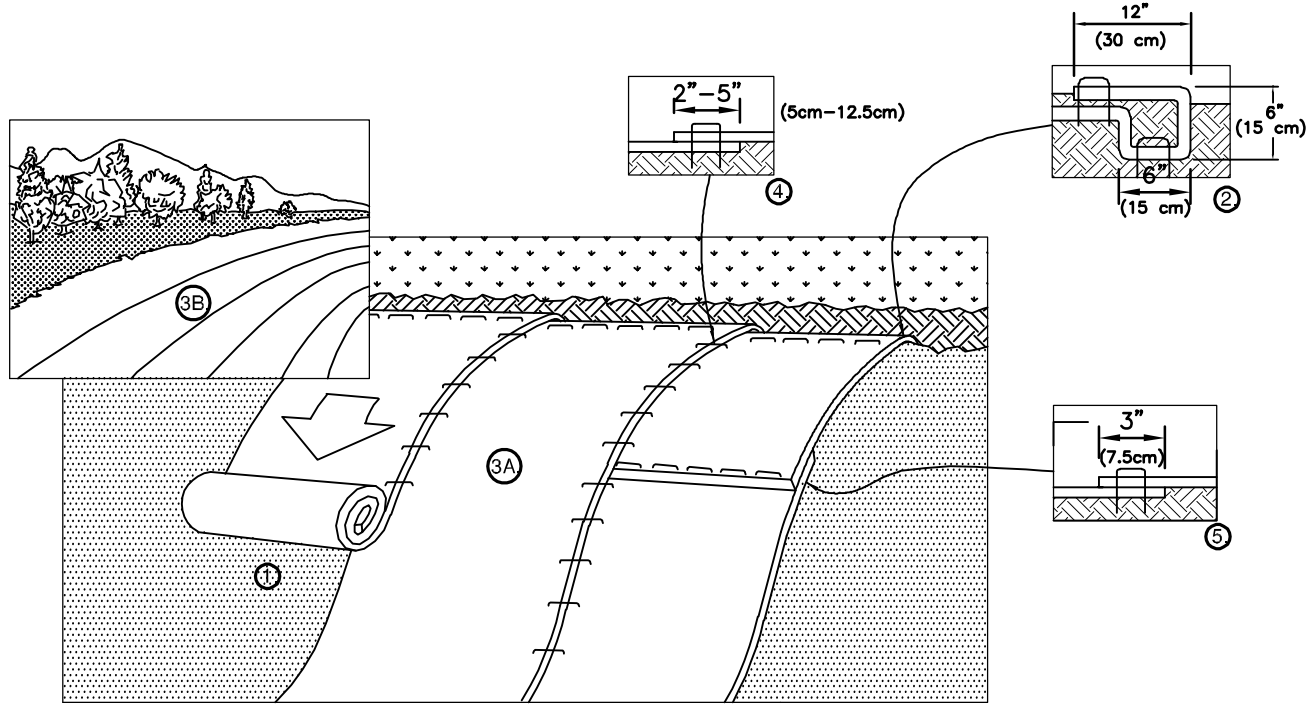
#### REVISIONS

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1/12/22	REV. PER NRPC STAFF COMMENTS	JR	JR

Rokeh Consulting, LLC  
89 KING ROAD, CHICHESTER, NH  
PH: 603-387-8688

SCALE: VARIES SEE ABOVE  
DATE: NOVEMBER 15, 2021  
DR. BY: JR CK. BY: JR  
JOB NO. \_\_\_\_\_  
SHEET NO. 2 OF 4





1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5cm-12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:  
\*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

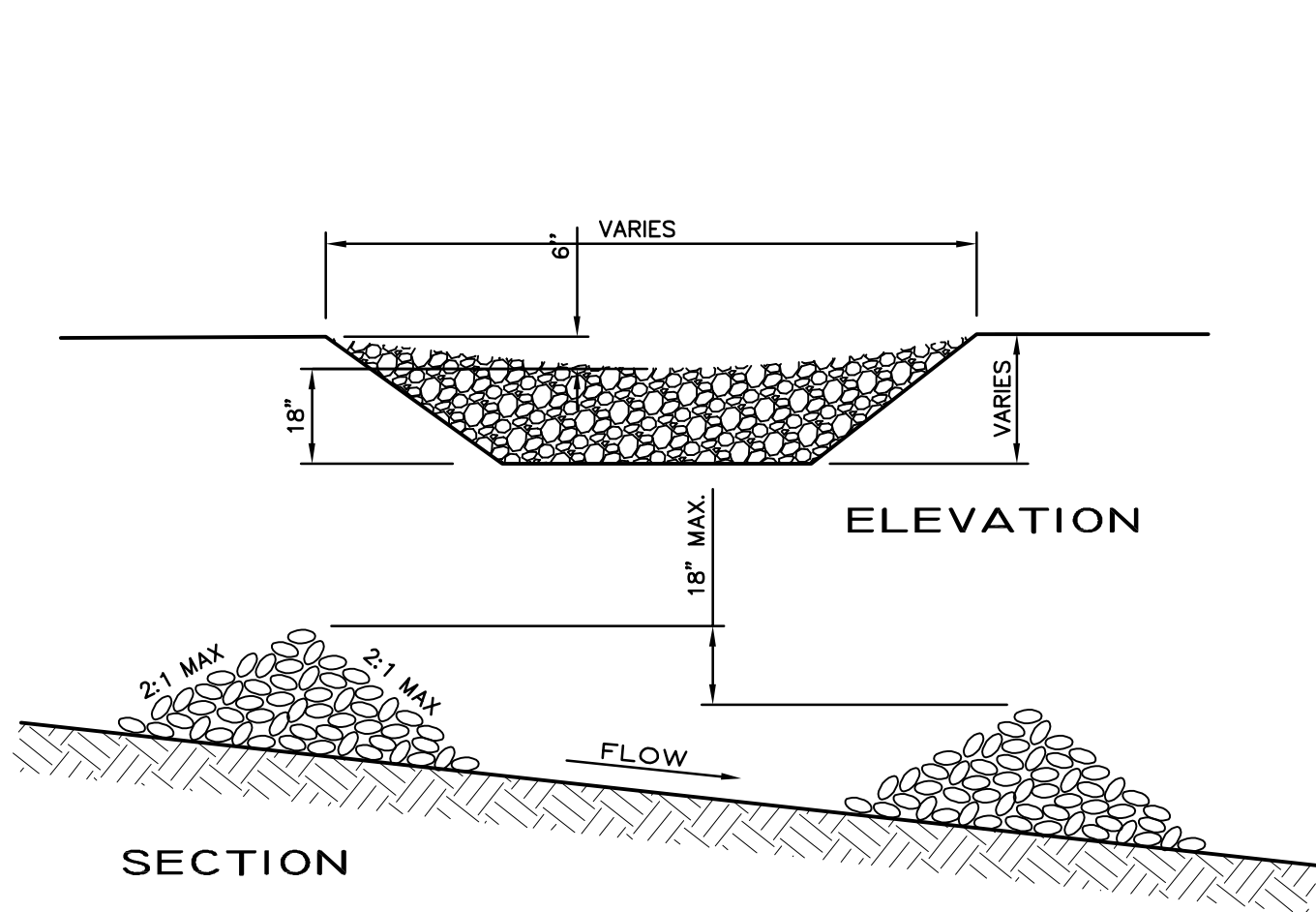
14649 HIGHWAY 41 NORTH, EVANSVILLE, INDIANA 47725  
USA 1-800-772-2040 CANADA 1-800-448-2040  
www.nagreen.com



## SLOPE STABILIZATION

FOR EROSION CONTROL

NOT TO SCALE

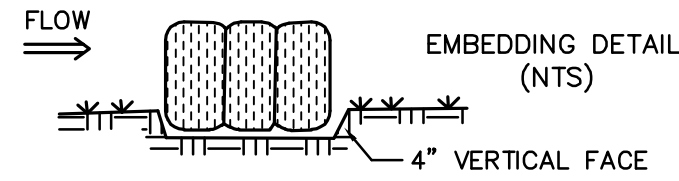


### NOTE

1. STRUCTURES SHALL BE INSTALLED ACCORDING TO THE DIMENSIONS SHOWN ON THE PLANS AT THE APPROPRIATE SPACING.
2. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER SO THAT EROSION WILL BE MINIMIZED.
3. WHEN STRAW BALES ARE USED, THEY ARE TO BE EMBEDDED INTO THE SOIL 4 INCHES. WHEN TIMBERS ARE TO BE USED, THE TIMBER SHALL EXTEND AT LEAST 18 INCHES INTO THE SOIL.
4. STRAW OR STRAW BALES SHALL BE ANCHORED INTO THE SOIL USING 2"x2" STAKES DRIVEN THROUGHOUT THE BALES AT LEAST 18 INCHES INTO THE SOIL.
5. SEEDING, FERTILIZING AND MULCHING SHALL CONFORM TO THE RECOMMENDATIONS IN THE APPROPRIATE BMP.
6. STRUCTURES ARE TEMPORARY AND ARE TO BE REMOVED FROM THE CHANNEL WHEN THEIR USEFUL LIFE HAS EXPIRED, WHEN A SOLID STAND OF GRASS HAS GROWN AND STABILIZED.

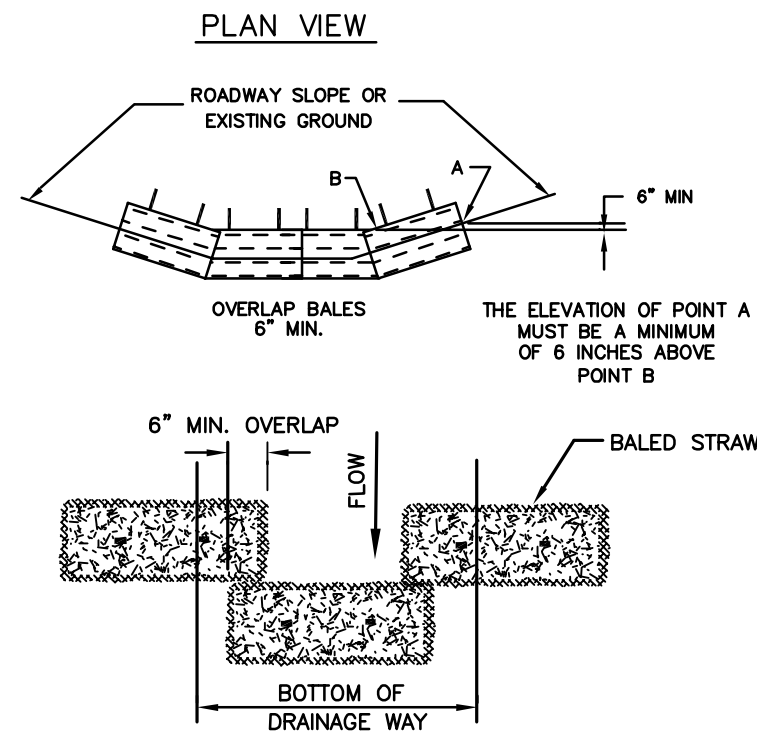
## STONE CHECK DAM

NOT TO SCALE



### CONSTRUCTION SPECIFICATIONS

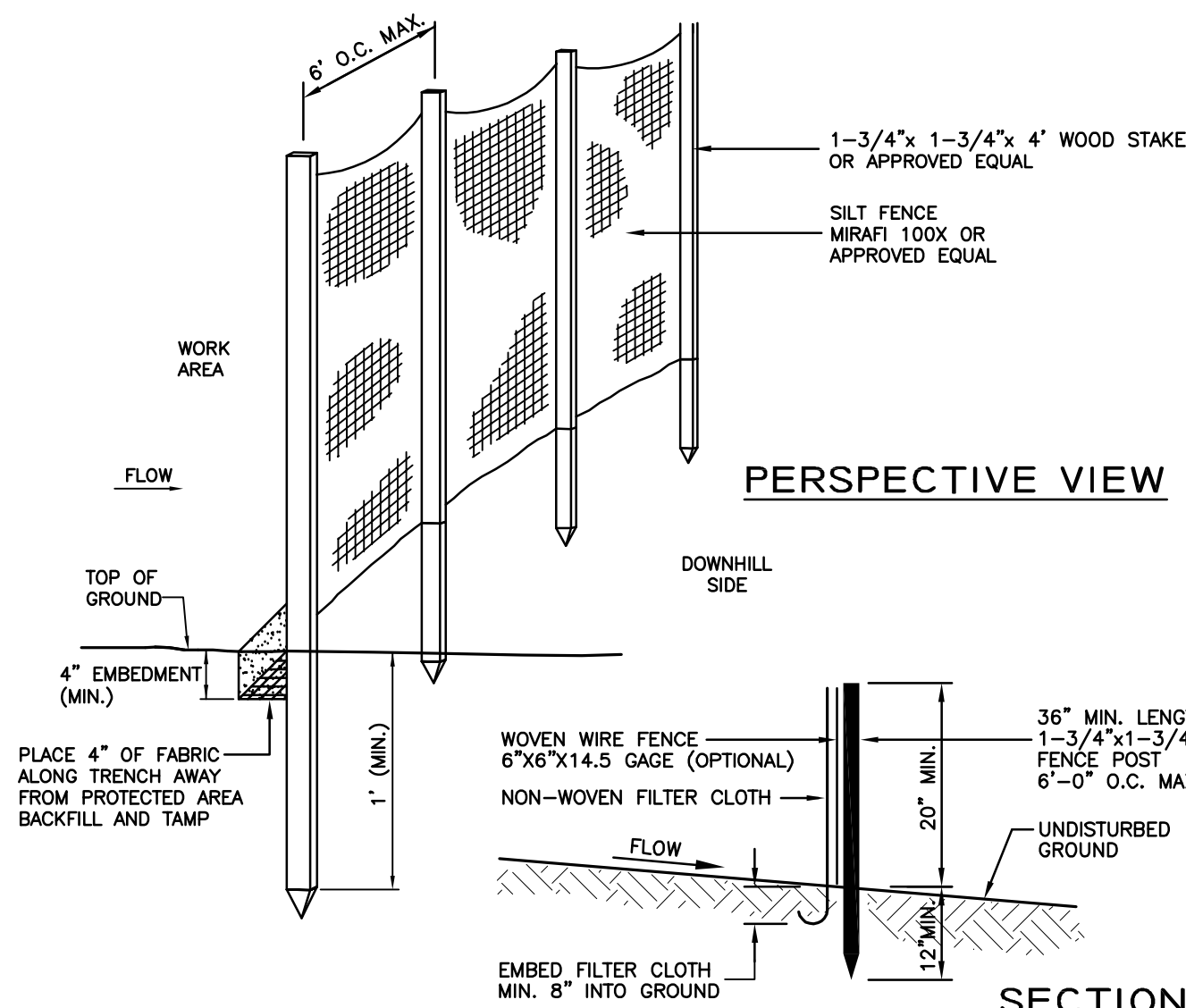
- 1) BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- 2) EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
- 3) BALES SHALL BE SECURELY ANCHORED IN PLACE BY HARDWOOD STAKES DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
- 4) INSPECTION SHALL BE FREQUENT, AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- 5) BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.



## STRAW BALE CHECK DAM

(INLET PROTECTION)

NOT TO SCALE

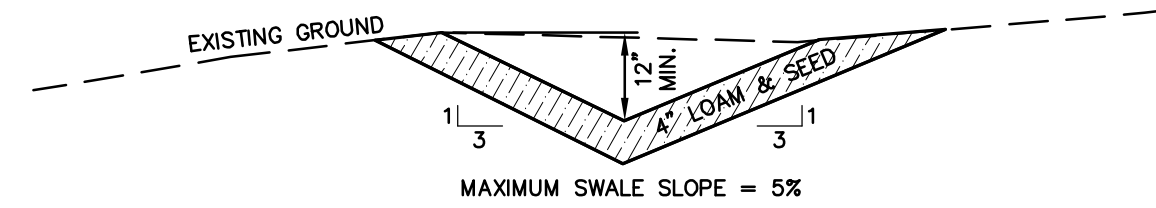


### MAINTENANCE

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

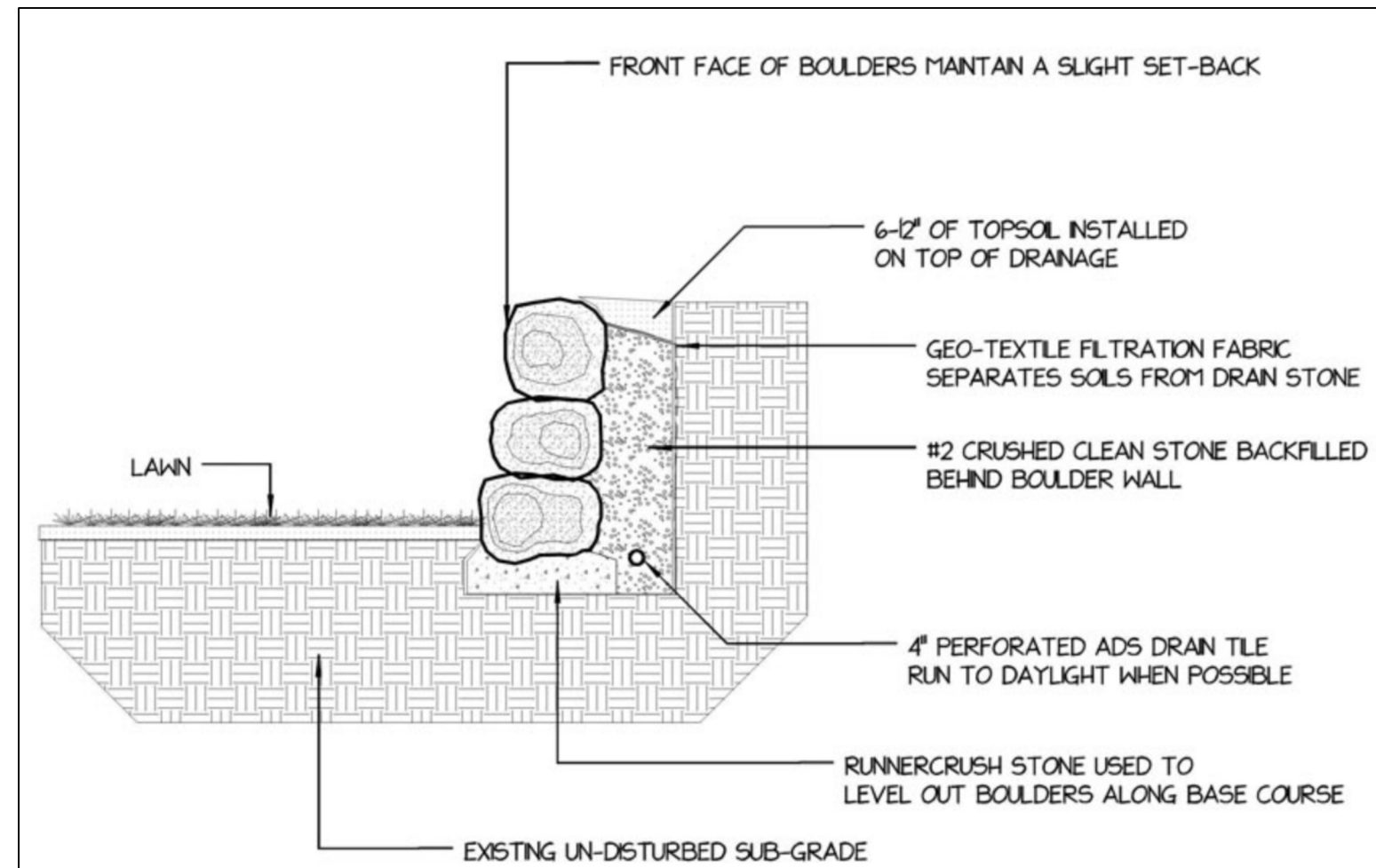


### CONSTRUCTION NOTES

1. THE FOUNDATION AREA OF THE WATERWAY SHALL BE CLEARED AND GRUBBED OF ALL TREES, BRUSH, STUMPS AND OTHER OBJECTIONABLE MATERIAL. MATERIALS REMOVED SHALL BE DISPOSED OF SO THEY DO NOT INTERFERE WITH THE CONSTRUCTION OR PROPER FUNCTION OF THE WATERWAY.
2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE DESIGN CRITERIA. THE WATERWAY SHALL BE FREE OF IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
3. EARTH FILLS REQUIRED TO MEET SUBGRADE REQUIREMENTS BECAUSE OF OVER EXCAVATION OR TOPOGRAPHY SHALL BE COMPACTED TO THE SAME DENSITY AS THE SURROUNDING SOIL TO PREVENT UNEQUAL SETTLEMENT THAT COULD CAUSE DAMAGE TO THE COMPLETED WATERWAY. EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER AS TO MINIMIZE EROSION AND AIR AND WATER POLLUTION. ALL APPROPRIATE STATE AND LOCAL LAWS AND REGULATIONS SHALL BE COMPLIED WITH FOR DESIGN AND INSTALLATION.
5. THE WATERWAY SHALL BE STABILIZED USING THE APPROPRIATE "BEST MANAGEMENT PRACTICES" FOR VEGETATIVE MEASURES.

## GRASS LINED SWALE

NOT TO SCALE



### BOULDER WALL DETAIL

NOT TO SCALE

Owner / Applicant:  
ISAAC FRYE HOLDINGS, LLC  
586 Turnpike Road  
New Ipswich, NH 03071

CONSTRUCTION DETAILS  
*"Proposed Residence"*  
TAX LOT F-3-2  
Isaac Frye Highway  
Wilton, New Hampshire

### REVISIONS

DATE	DESCRIPTION	DWN BY	CK BY
1/04/22	REV. PER NRPC STAFF COMMENTS (11/29/21)	JR	JR
1/12/22	REV. PER NRPC STAFF COMMENTS	JR	JR

Rokeh Consulting, LLC  
89 KING ROAD, CHICHESTER, NH  
PH: 603-387-8688

SCALE: AS NOTED  
DATE: NOVEMBER 15, 2021  
DR. BY: JR CK. BY: JR  
JOB NO. \_\_\_\_\_  
SHEET NO. 3 OF 4

GENERAL NOTES:

- PROJECT ENGINEER: ROKEH CONSULTING, LLC, 89 KING ROAD, CHICHESTER, NH 03258
- 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.
- 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.
- 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.
- 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 1)
- THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AT ALL TIMES.
- NO EXCAVATED AREA SHALL BE LEFT UNATTENDED AND SHALL BE THOROUGHLY SECURED ON A DAILY BASIS.
- 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 SEQUENCE:

- 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.
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN AND DETAILED IN THIS PLAN SET.
- 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.
- ALL SWALES AND DITCH LINES SHALL BE PROTECTED FROM EROSION. ALL DITCHES AND SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- 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.
- CONSTRUCT TEMPORARY CULVERTS, DIVERSION DITCHES/SWALES OR BERMS AS REQUIRED TO MINIMIZE THE EROISVE AFFECTS OF STORMWATER RUNOFF DURING ALL CONSTRUCTION ACTIVITIES.
- COMPLETE GRUBBING OPERATIONS. ALL STUMPS AND DEBRIS SHALL BE PROPERLY DISPOSED OF, PREFERABLY OFF SITE.
- ALL MATERIAL SUITABLE FOR USE AS TOPSOIL SHALL BE STOCKPILED IN UPLAND 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.
- 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.
- 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.
- APPLY TOPSOIL TO PARKING LOT 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.
- MAINTAIN, REPAIR, AND REPLACE TEMPORARY EROSION CONTROL MEASURES AS NECESSARY FOR A MINIMUM PERIOD OF 12 MONTHS FOLLOWING SUBSTANTIAL COMPLETION.
- AFTER STABILIZATION (12 MONTHS FOLLOWING SUBSTANTIAL COMPLETION), REMOVE AND PROPERLY DISPOSE OF TEMPORARY EROSION CONTROL MEASURES, PREFERABLY OFF SITE.

WINTER CONSTRUCTION NOTES

- a. ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- b. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- c. AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.

SEEDING SPECIFICATIONS

MIXTURE	POUNDS/ACRE	POUNDS/1,000 SQ. FT.
WARM SEASON GRASSES AND DROUGHTY CONDITIONS		
TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
REDTOP	2	0.05
TOTAL	42	0.95

1. SEEDBED PREPARATION

A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.

B. STONES LARGER THAN FOUR INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT FOUR INCHES TO PREPARE A SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

2. ESTABLISHING A STAND

A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:

— AGRICULTURAL LIMESTONE: 2 TONS PER ACRE OR 0.09 LBS. PER SQ. FT.

— NITROGEN (N): 50 LBS. PER ACRE OR 1.1 LBS. PER 1000 SQ. FT.

— PHOSPHATE (P<sub>2</sub>O<sub>5</sub>): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.

— POTASH (K<sub>2</sub>O): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.

(NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS. PER ACRE OF 5-10-10)

B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING, AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH 0.25 INCH OF SOIL OR LESS, BY CULTIPACKING OR RAKING.

C. REFER TO TABLE 7-35 OF "STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE", FOR APPROPRIATE SEED MIXTURES AND TABLE 7-36 FOR RATES OF SEEDING. ALL LEGUMES (CROWNVEITCH, BIRDSFOOT TREFOIL, AND FLATPEA), MUST BE INOCULATED WITH THEIR SPECIFIC INNOCULANT.

D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.

3. MULCH

A. STRAW, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.

B. MULCH WILL BE HELD IN PLACE USING TECHNIQUES FROM THE "BEST MANAGEMENT PRACTICE FORMULCHING", AS SHOWN IN, "STORMWATER MANAGEMENT AND SEDIMENTATION CONTROL HANDBOOK FOR URBAN AND DEVELOPING AREAS IN NEW HAMPSHIRE".

4. MAINTENANCE TO ESTABLISH A STAND

A. PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.

B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.

C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED, OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

ALL RECLAMATION ACTIVITIES SHALL BE IN ACCORDANCE WITH NRCS'S TECHNICAL NOTE PM-NH-21 "VEGETATING NEW HAMPSHIRE SAND AND GRAVEL PITS".

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.

- PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO EARTH MOVING OPERATIONS. INSTALLATION OF STRAWBALE BARRIERS AND "FILTREXX SOXX" OR SILTATION FENCES SHALL BE COMPLETED PRIOR TO THE START OF SITE WORK IN ANY SPECIFIC AREA. PREFABRICATED SILTATION FENCES AND "FILTREXX SOXX" SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- STRAWBALE BARRIERS AND SILTATION FENCES SHALL BE KEPT CLEAN DURING CONSTRUCTION AND REMOVED WHEN ALL SLOPES HAVE A HEALTHY STAND OF VEGETATIVE COVER. EROSION CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT GREATER THAN 0.5 INCHES
- EXISTING VEGETATION IS TO REMAIN UNDISTURBED WHEREVER POSSIBLE.
- 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 AND/OR PARKING LOTS 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 60 DAYS OF INITIAL CONSTRUCTION.

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

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
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.
- 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
- 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.
- 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.
- 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.

Owner / Applicant:  
ISAAC FRYE HOLDINGS, LLC  
586 Turnpike Road  
New Ipswich, NH 03071

CONSTRUCTION DETAILS  
*"Proposed Residence"*  
TAX LOT F-3-2  
Isaac Frye Highway  
Wilton, New Hampshire

REVISIONS					
DATE	DESCRIPTION	DWN BY	CK BY		
1/04/22	REV. PER NRPC STAFF COMMENTS (11/29/21)	JR	JR		

Rokeh Consulting, LLC  
89 KING ROAD, CHICHESTER, NH  
PH: 603-387-8688

SCALE: AS NOTED  
DATE: NOVEMBER 15, 2021  
DR. BY: JR CK. BY: JR  
JOB NO. \_\_\_\_\_  
SHEET NO. 4 OF 4