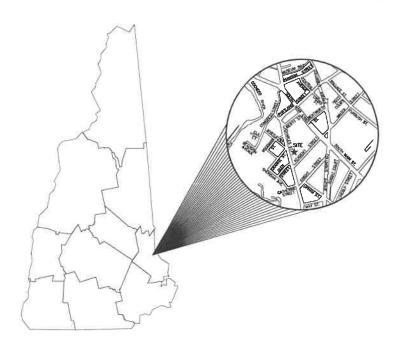


# PROPOSED OFFICE BUILDING

38 CHARLES STREET PREPARED FOR ON HAVEN HILL OCTOBER 2021





## CIVIL ENGINEERS

NORWAY PLAINS ASSOCIATES, INC. 2 CONTINENTAL BOULEVARD ROCHESTER, NEW HAMPSHIRE 03867 (603) 335-3948

PLAN NO. C-2954 SP-2 DWC NO. 18264\SP-2

### ARCHITECTS

MARKET SQUARE ARCHITECTS, PLLC 104 CONGRESS STREET, SUITE 203 PORTSMOUTH, NEW HAMPSHIRE 03801 (603) 501-0202

### LANDSCAPING ARCHITECTS

WOODBURN & COMPANY LANDSCAPE ARCHITECTURE, LLC 103 KENT PLACE NEWMARKET, NEW HAMPSHIRE 03857 (603) 659-5949

## OWNER OF RECORD

TAX MAP 125, LOT 214
HOPE ON HAVEN HILL, INC.
PO BOX 1272
ROCHESTER, NH 03866
SCRD BOOK 4593, PAGE 443

# **APPLICANT**

HOPE ON HAVEN HILL, INC. PO BOX 1272 ROCHESTER, NH 03866 (803) 695-8585

NATIONAL POLIUTANT DISCHARGE ELIMINATION SYSTEM (NPDES):
NPDES PERMITS ARE ONLY REQUIRED FOR PROJECTS MEETING THE DISTURBED AREA
GRIEFIA BELOW AND HAVING A POINT SOURCE STORMWAITER DISCHARGE FROM THE
SITE TO AN ADJACENT WEILAND OR WAITER BODY (LE. CULVERT, SWALE, ETC.
OUTLETING TO A WEILAND, CREEK, STREAM OR RIVER).

NPDES PERMITS CONSIST OF A NOTICE OF INTENT (NO!) FILED WITH THE ENVIRONMENTAL PROTECTION ACENCY AT LEAST 14 DAYS PRIOR TO CONSTRUCTION COMMENCING AND A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BEING PREPARED, KEPT ON SITE AND FOLLOWED BY THE CONTRACTOR.

FOR STATUS OF THIS PERMIT, CONTACT THE PROJECT GENERAL CONTRACTOR.

FINAL APPROVAL BY CERTIFIED BY: MALINA JAMAN AND CERTIFIED BY:

COVER
EXISTING FEATURES
DEMOLITION PLAN
OVERALL SITE PLAN
SITE LAYOUT PLAN
GRADING, DRAINAGE, EROSION AND
SEDIMENTATION CONTROL PLAN
UTILITY PLAN
CONSTRUCTION DETAILS
STORMTECH DETAILS SHEET C-1 SHEET C-1 SHEET C-2 SHEET C-3 SHEET C-4 SHEET C-5 SHEET C-6 SHEET C-7 1" = 20" AS SHOWN AS SHOWN AS SHOWN AS SHOWN

SHEET C-7
SHEET C-7
SHEET C-8
SHEET C-1
SHEET L-1
SHEET L-2
SHEET L-3
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SHEET A2.00
SHILDING ELEVATIONS

31 Mooney Street, Alton, N.H. 603-875-3948

NORWAY PLAINS ASSOCIATES.

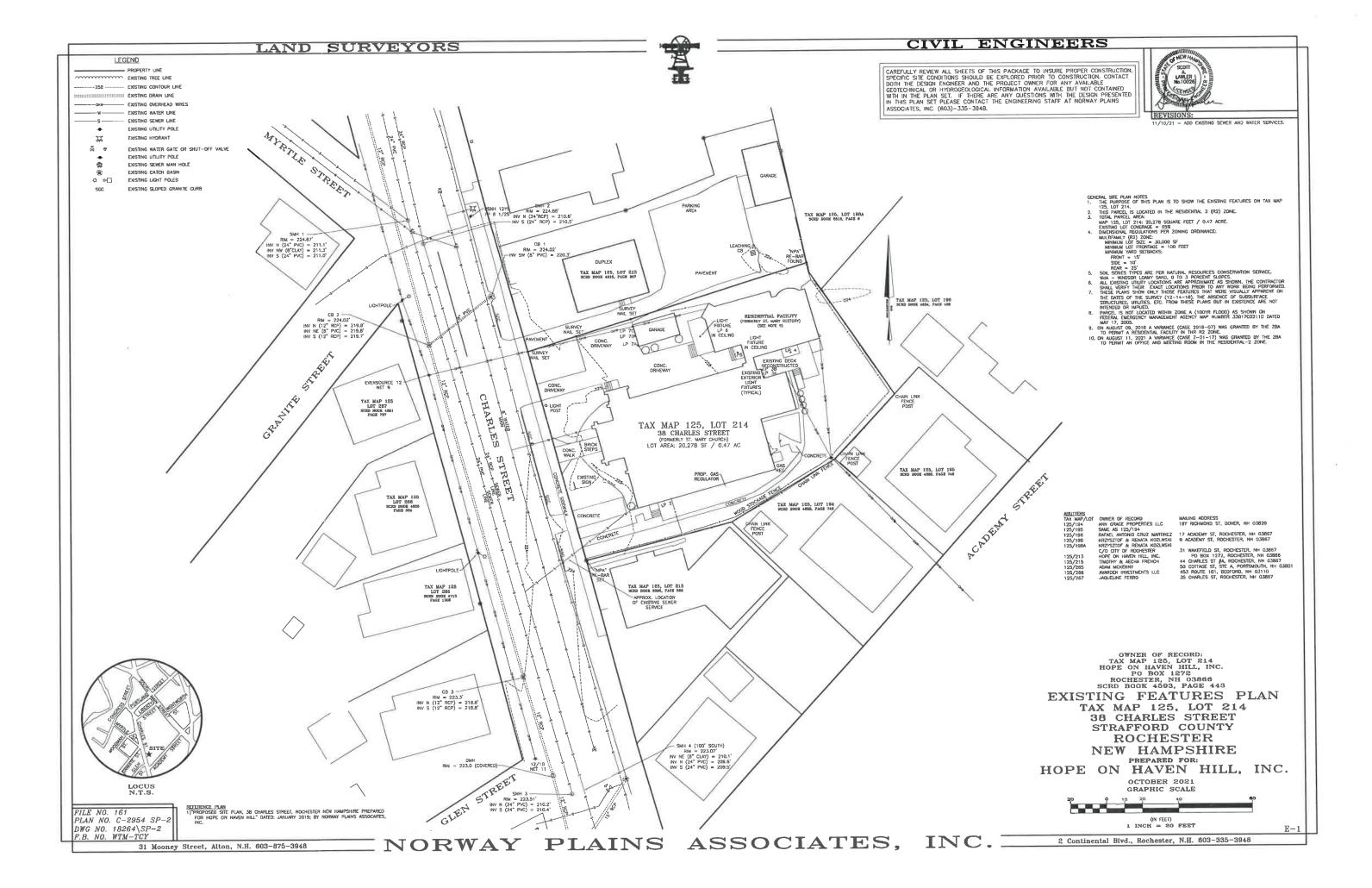
MARTLE STREET RESIDENTIAL STREET FACILITY PROPOSED OFFICE BUILDING STREET

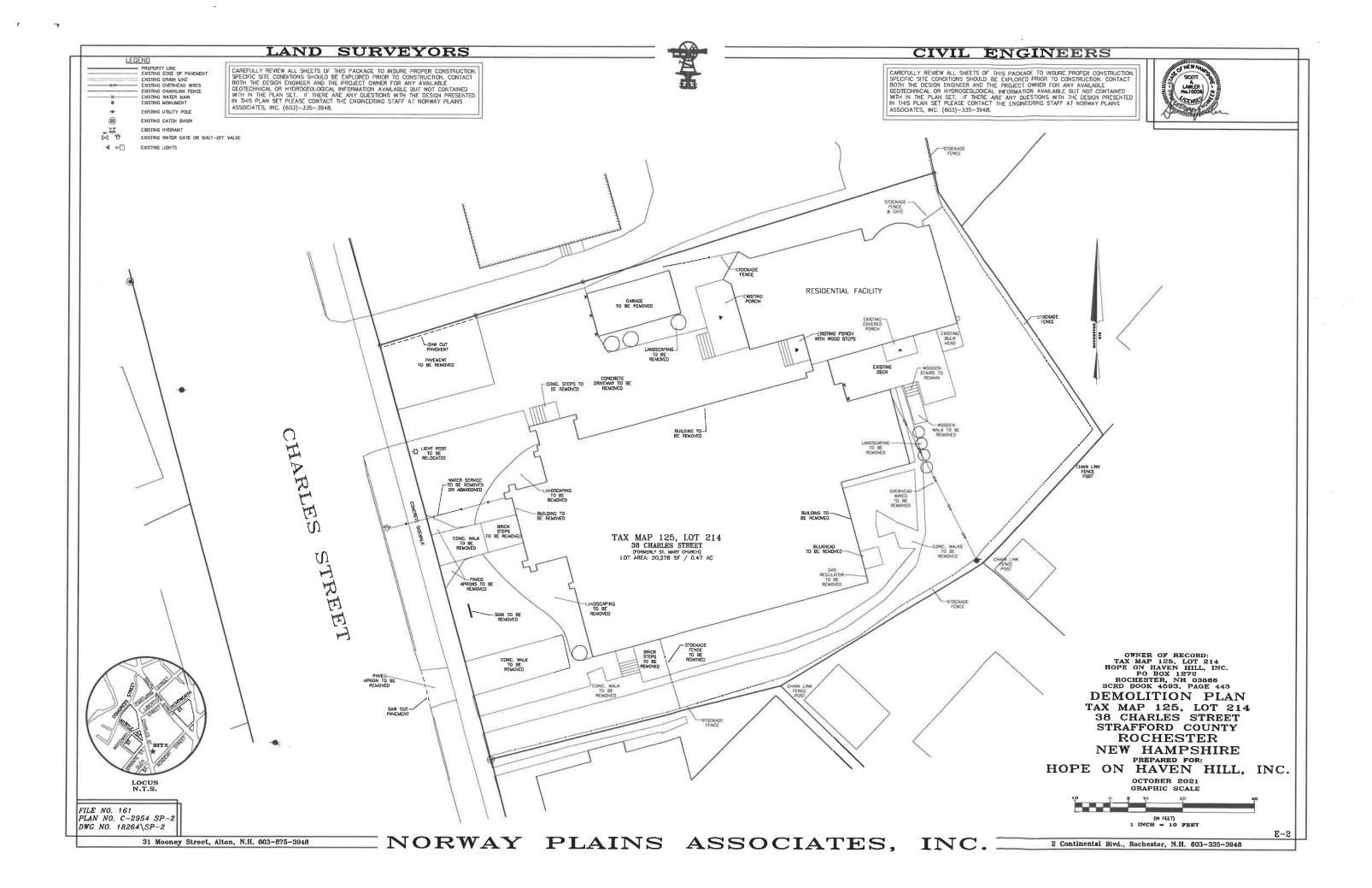
> OVERALL SITE 1" = 40'

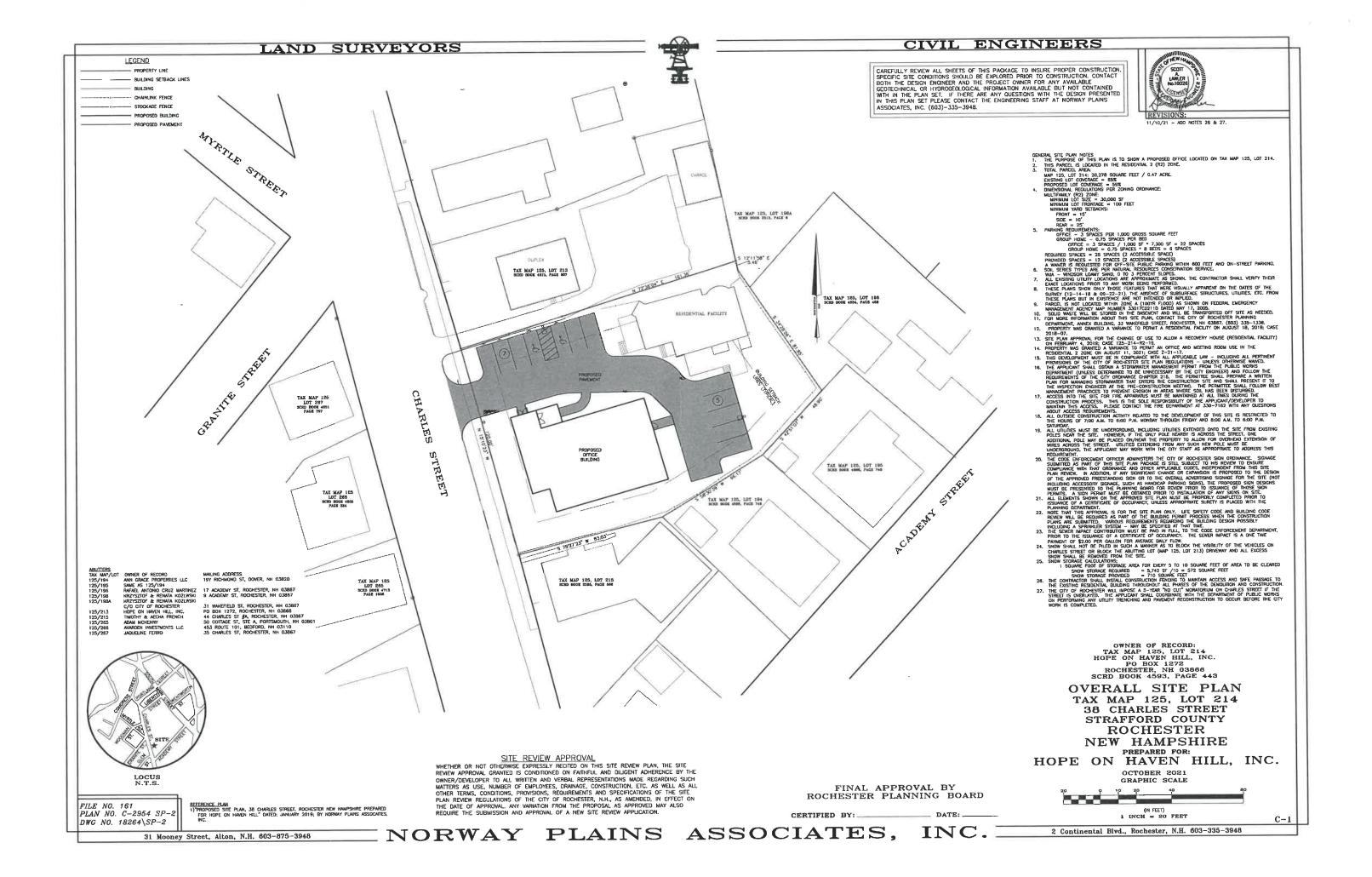
SHEET INDEX

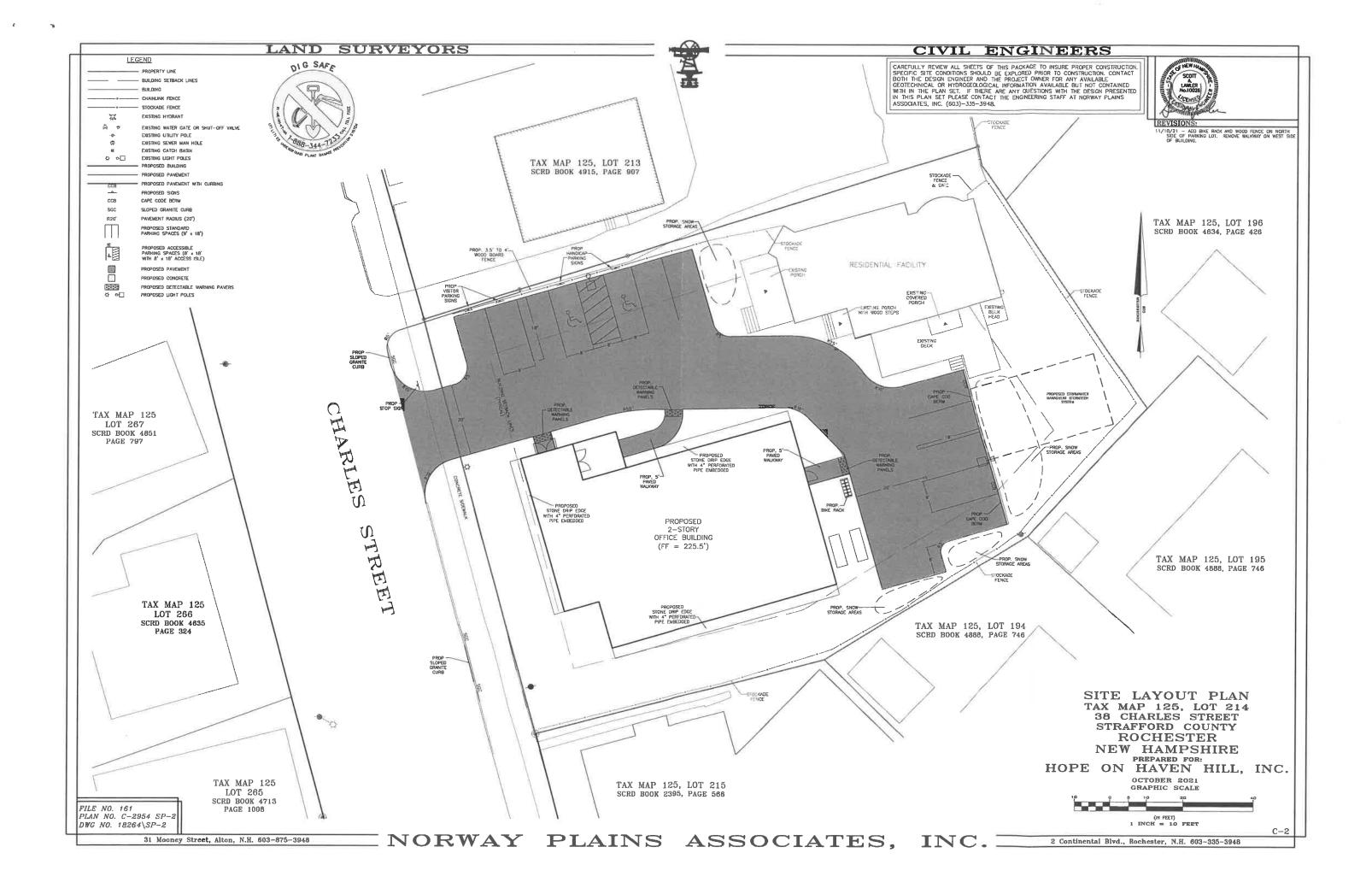
1" = 10' 1" = 10' 1/8" = 1'-0" 3/16" = 1'-0"

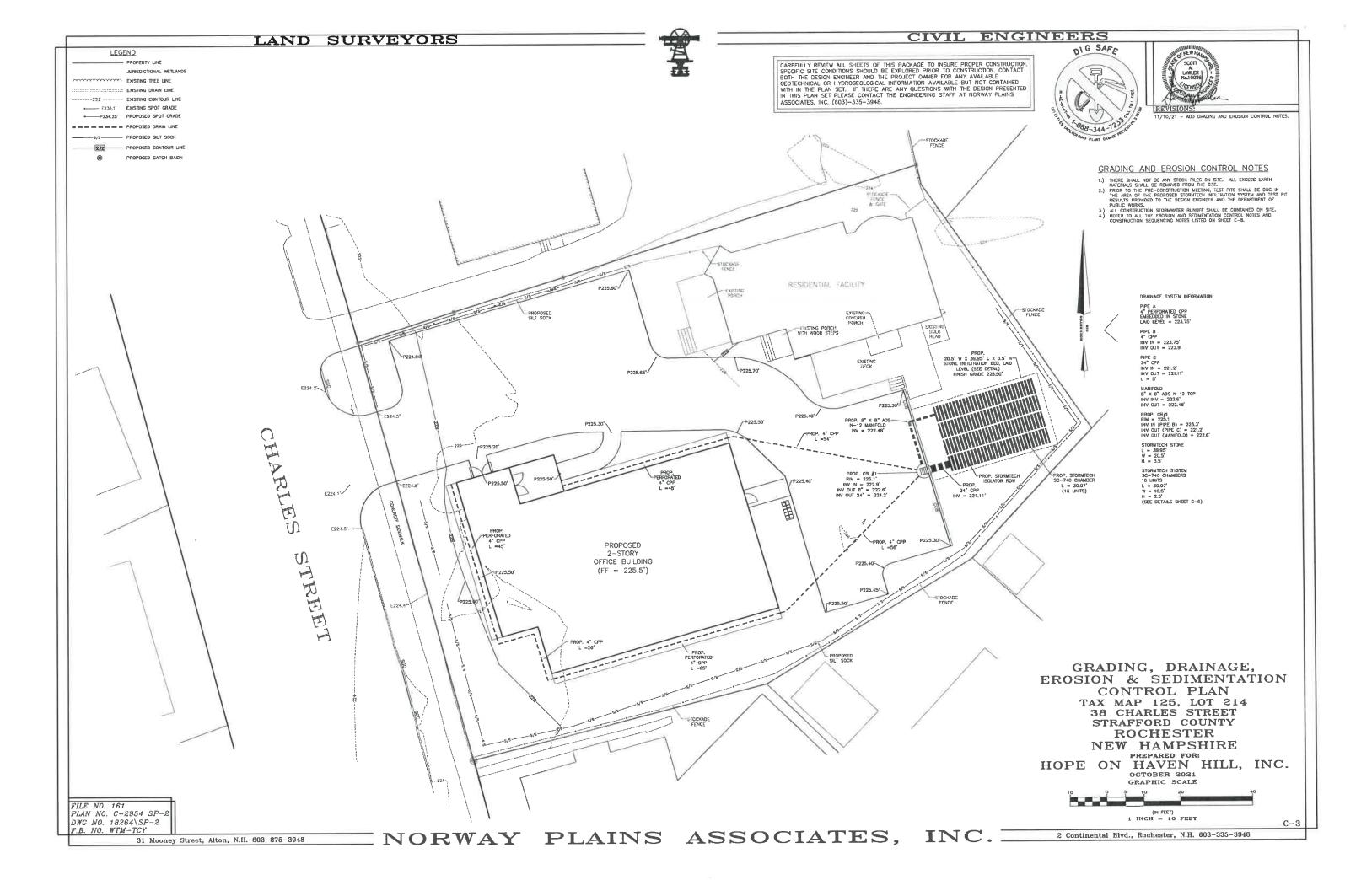
2 Continental Blvd., Rochester, N.H. 603-335-3948

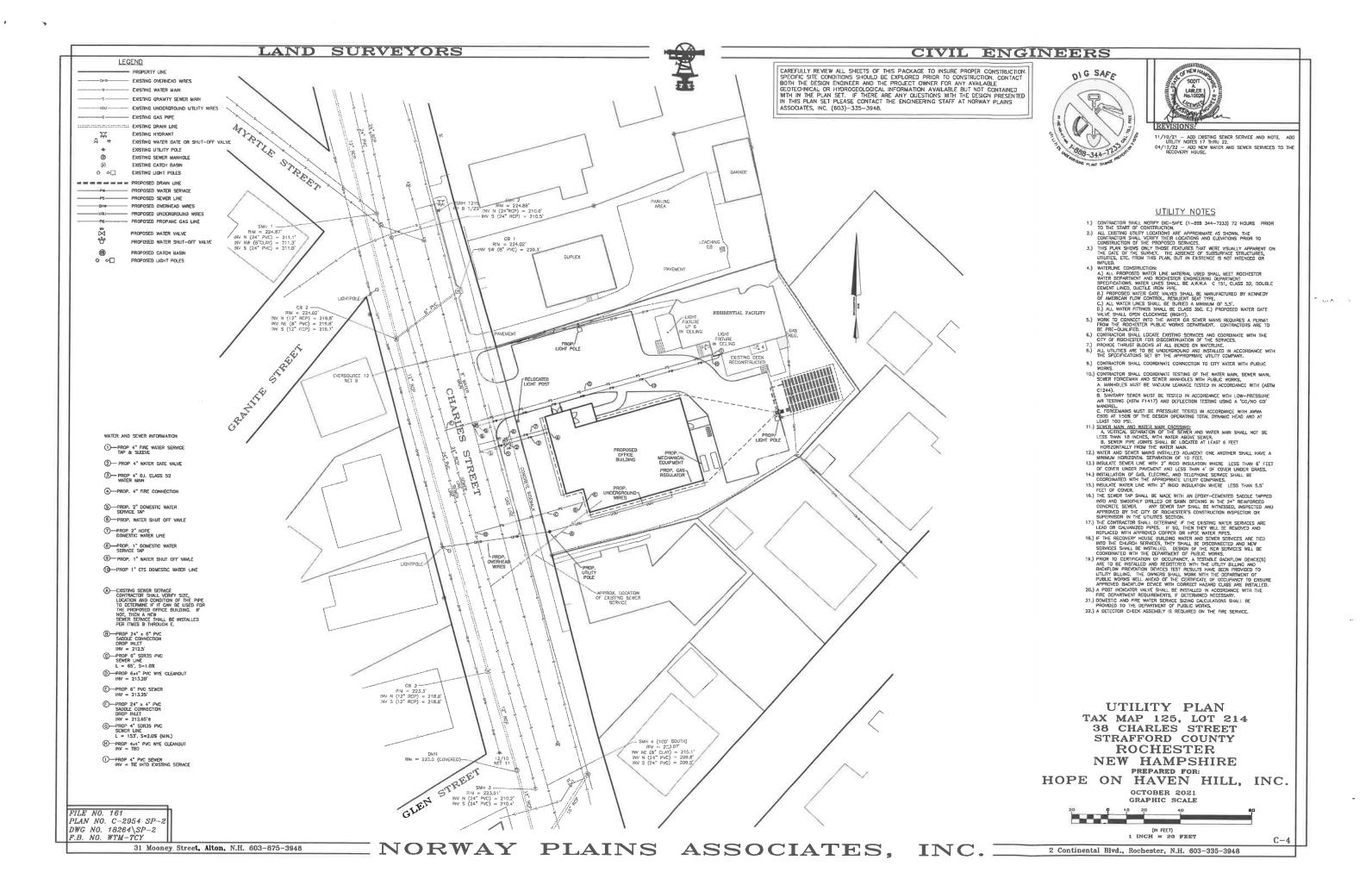


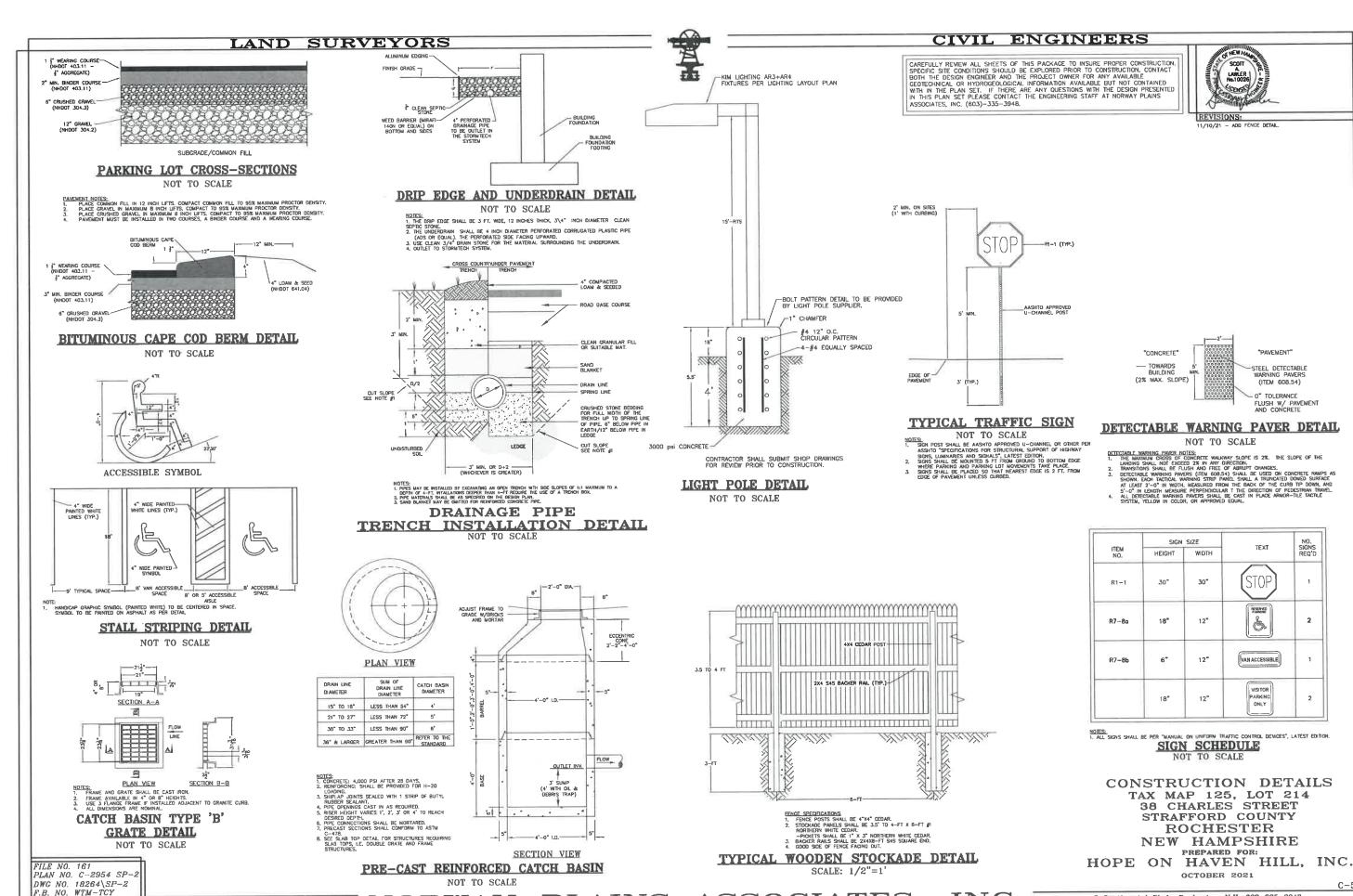












NORWAY PLAINS ASSOCIATES, INC. =

31 Mooney Street, Alton, N.H. 603-875-3948

2 Continental Blvd., Rochester, N.H. 603-335-3948

### LAND SURVEYORS

### ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 CHAMBER SYSTEM

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT	
D	FINAL FILLS FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAYEMENT OR UNPANDED FINISHED GRADE AROVE, NOTE THAT PAYEMENT SUBBASE MAY BE PART OF THE 'D' LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLAYS, PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL, AND PREPARATION REQUIREMENTS,	
С	INITIAL FILL MATERIAL FOR LAYER "C" STARTS FROM THE TOP OF THE ENGEOMENT STONE ("B" LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER, NOTE THAT PAYEMENT SUBBASE MAY BE A PART OF THE "C" LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE.  MOST PAYEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LATER.	AASHTO M145' A-1, A-2-4, A-3 OR AASHTO M43' 3, 357, 4, 467, 5, 56, 57, 5, 57, 58, 7, 78, 8, 88, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OFFER THE ADMINISTRATION OF THE ADMINIS	
В	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ("A" LAYER) TO THE "C" LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43' 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.	
Α	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO N43' 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.2-	

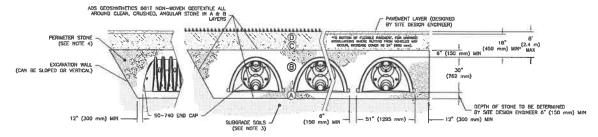
LEASE NOTE:

THE LISTED ASHITO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO MA3) STONE".

STORMITCH COMPACTION REQUIREMENTS ARE MET FOR "A" LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 6" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.

WHERE INTLITATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAWING OR DRAGGING WITHOUT COMPACTON EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTROL TO FOR COMPACTION REQUIREMENTS.

ONCE LAYER "C" IS PLACED, ANY SOL JAMIERIAL CAN BE PLACED IN LAYER "D" UP TO THE FINISHED GRADE, MOST PAYEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER "C" OR "D" AT THE SITE DESIGNS, CONTROL PROMITERS SO INSCRETION.



FILE NO. 161

PLAN NO. C-2954 SP-2

DWG NO. 18264\SP-2

- BERS SHALL NEET THE REQUIREMENTS OF ASTM F2418-160, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION
- CHARGERS . SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL

- SG-740 CHAMBERS SMALL BE DESURED IN RECOGNAMED WITH PAIR FAZEY INFORMATION COLLECTION CHAMBERS.

  THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STOOM WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.

  FERMIETER STONE MUST BE EXTENDED MORZONTALLY TO THE EXCAMATION WALL FOR BOTH VERTICAL AND SLOPED EXCAMATION WALLS.

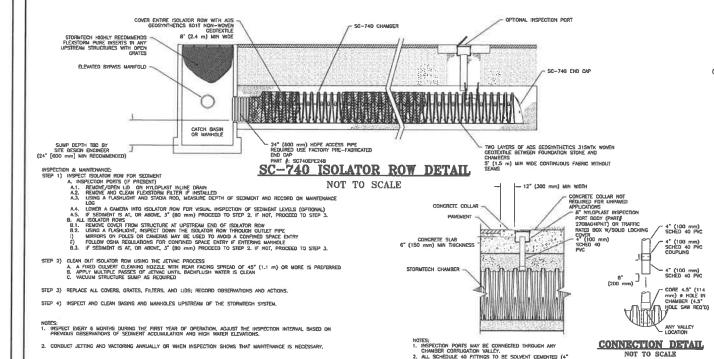
  TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.

  TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HOLDH OF THE CHAMBER SHALL HAVE INTEGRAL. NOT BE LESS THAN 2°.

  TO ENSURE A SECURE JOINT DURING INSTALLATION, AND BACKFILL, THE HOLDH OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2°.

  TO ENSURE A SECURE JOINT DURING INSTALLATION, AND BACKFILL, THE HOLDH OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2°.

  TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, A) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 6.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR BEQUAL TO SSOI BES, TYM, N. AND 5) TO RESIST CHAMBER SHALL BE PRODUCED FROM REFLICTIVE GOLD OR YELLOW COLORS.



CAREFULLY REVIEW ALL SHEETS OF THIS PACKAGE TO INSURE PROPER CONSTRUCTION, SPECIFIC SITE CONDITIONS SHOULD BE EXPLORED PRIOR TO CONSTRUCTION. CONTACT BOTH THE DESIGN ENGINEER AND THE PROJECT OWNER FOR ANY AVAILABLE GEOTECHNICAL OR HYDROGEOLOGICAL INFORMATION AVAILABLE BUT NOT CONTAINED WITH IN THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE DESIGN PRESENTED IN THIS PLAN SET. LEASE CONTACT THE ENGINEERING STAFF AT NORWAY PLAINS ASSOCIATES, INC. (603)—335—3948.

4" PVC INSPECTION PORT DETAIL NOT TO SCALE

CIVIL ENGINEERS

IMPORTANT.... NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-740 SYSTEM

1. STORMTECH SC-740 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH

- INSTALLATO.
  MINECH SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-740 CONSTRUCTION GUIDE".
  NDATION STONE AND EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE; AASHTO M43 \$3,357, 4, 467, 5, 56, OR
- FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.

  DEPTH OF FOUNDATION STONE SHALL BE DETERMINED BASED ON THE SUBGRADE BEARING CAPACITY PROVIDED BY THE SITE DESIGN ENGINEER.

  CONTRACTOR MUST REPORT ANY DISCREPANCIES CONCERNING CHAMBER FOUNDATION DESIGN AND SUBGRADE BEARING CAPACITIES TO THE SITE DESIGN.

- THE COMMINIOUS MUST REPORT AND INSCREPANTIES UNIVERSITY OF TWINDER CONTINUES AND ASSESSMENT OF THE STATE OF T

- NOTES FOR CONSTRUCTION EQUIPMENT

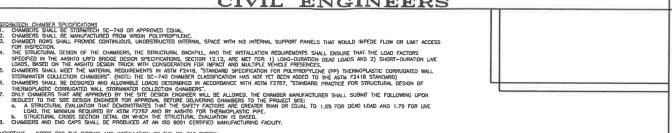
  1. THE USE OF CONSTRUCTION EQUIPMENT OVER SC.-740 CHAMBERS IS LIMITED:

   NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.

   NO RUBBERT RIFED LOADERS, DUMP TRUCKS, OR EXCANATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE STORMERS SC.-740 CONSTRUCTION QUIDE\*.

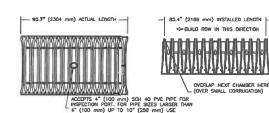
   WEIGHT LIMITS FOR CONSTRUCTION QUIDE\*.

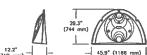
  3. FULL 36\* (9001 mm) OF STABULZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

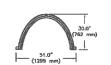


CONCEPTUAL LAYOUT

(19) STORMTECH SC-700 GNAMBERS
(6) STORMTECH SC-700 END CAPS
INSTALLED WITH 6" COVER STONE, 6" BASE STONE, 40% STONE VOID
INSTALLED WITH 6" COVER STONE, 6" BASE STONE, 40% STONE VOID
PRIVALED WITH 5" STETION: 113 FTY
PERMICIPLY OF STSTEDIN: 131 FTY







51.0" X 30.0" X 85.4" (1295 mm X 762 mm X 2169 mm) 45.9 CUBIC FEET (1.30 m²) 74.9 CUBIC FEET (2.12 m²) 75.0 lbs. (33.6 kg)

ASSUMES 6" (152 mm) STONE ABOVE, BELOW, AND BETWEEN CHAMBERS



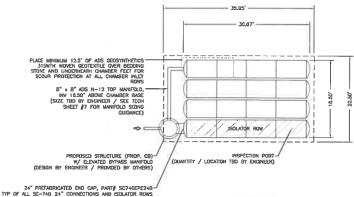
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH ""
PART # STUB A
SC740EPE06T / 10.9" (277 10.9" (277 18.5" (470 mm) 6" (150 mm) mm) D.5\* (13 mm) 0.6" (16 mm) 14.5" (36B mm) 10" (250 mm) 13.4" (340 mm) D.7" (18 mm) 12" (300 mm) 14.7° (373 mm) 1.2" (30 mm) 9.0° (229 mm) 15" (375 mm) 18.4" (487 mm) 1.3" (33 mm) 5.0" (127 mm) 18" (450 mm) 19.7" (500 mm) ALL STUDS, DEPOT FOR THE SCT-406PEX4B ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DAMBEER OF THE STUD IS FLUCK WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONFIDER THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION OF THE END CAP.

\* FOR THE SCT-AGEPE248 THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMELY 1.75" (44 mm), BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING STS LIVEU. NOTE: ALL DIMENSIONS ARE NOMINA

SC-740 TECHNICAL SPECIFICATIONS NOT TO SCALE

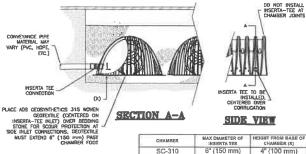
ADVANCED DRAINAGE SYSTEMS, INC.





# SC-740 PLAN VIEW

NOT TO SCALE



Grammer 1001		INSERIATEE	U UNA	
	SC-310	6" (150 mm)	4" (1	
	8C-740	10" (250 mm)	4"1	
	DC-780	6" (150 mm)  10" (250 mm)  10" (250 mm)  10" (250 mm)  12" (300 mm)  12" (300 mm)  TINGS AVAILABLE FOR SDR 20	4*	
BERS WILL VARY BASED ON INLET PIPE CONTACT STORMTECH FOR MORE	MC-3500		6"	
IN.	MC-4500		8"	
	INSERTA TEE FITTINGS AVAILABLE FOR SDR 26, SDR 35, S GASKETED & SOLVENT WELD, N-12, HP STORM, C-900 OR D			

### INSERTA TEE DETAIL

NOT TO SCALE

DRAINAGE DETAILS TAX MAP 125, LOT 214 38 CHARLES STREET STRAFFORD COUNTY ROCHESTER

NEW HAMPSHIRE PREPARED FOR: HOPE ON HAVEN HILL, INC.

OCTOBER 2021

2 Continental Blvd., Rochester, N.H. 603-335-3948

(150 mm)

31 Mooney Street, Alton, N.H. 603-875-3948

NORWAY PLAINS ASSOCIATES, INC. -

# LAND SURVEYORS CROSS COUNTRY UNDER PAVEMENT THENCH TRENCH

NOTES!

1. PIPES MAY BE INSTALLED BY EXCANDING AN OPEN TRENCH WITH SDE SLOPES OF 1:1 MAGNUM TO A DEPTH OF 4-FT.

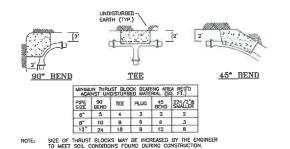
INFOLLATIONS DESCRIBED HAM 4-FT REQUIRE THE USE OF A TRENCH BOX.

2. PIPE MATERIAL SHALL BE AS SPECIFIED ON THE DESCRIPT FAM.

3. SHALD BUNNET MAY BE CHILITED FOR REPRIVATED CONCRITE FIPE.

## WATER PIPE TRENCH INSTALLATION DETAIL

NOT TO SCALE

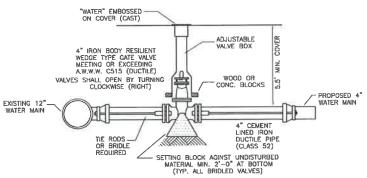


WATER MAIN THRUST BLOCK DETAILS NOT TO SCALE

WATER SERVICE NOTE: SERVICE LINE SHALL BE TYPE K COPPER CONFORMING TO ASTN-D88

### DOMESTIC WATER SERVICE CONNECTION

NOT TO SCALE

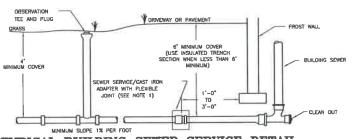


CURB STOP & BOX
LOCATION AS DIRECTED

BALL VALVE CURS STO COMPRESSION (NO DRAIN) BRONZE FLARED TYPE

### FIRE WATER SERVICE CONNECTION

NOT TO SCALE

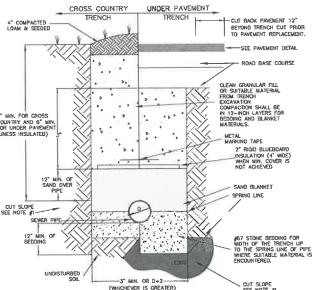


TYPICAL BUILDING SEWER SERVICE DETAIL NOT TO SCALE

### CIVIL ENGINEERS

CAREFULLY REVIEW ALL SHEETS OF THIS PACKAGE TO INSURE PROPER CONSTRUCTION.
SPECIFIC SITE CONDITIONS SHOULD BE EXPLORED PRIOR TO CONSTRUCTION. CONTACT
BOTH THE DESIGN ENGINEER AND THE PROJECT OWNER FOR ANY AVAILABLE
GEOTECHNICAL OR HYDROGEOLOGICAL INFORMATION AVAILABLE BUT NOT CONTAINED
WITH IN THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE DESIGN PRESENTED
IN THIS PLAN SET. PLEASE CONTACT THE ENGINEERING STAFF AT NORWAY PLAINS
ASSOCIATES INF (603.3.13.5. 1348. ASSOCIATES, INC. (603)-335-3948.





NOTES:

(WHICHEVER IS GREATER)

SEE NOTE #

1. PIPES MAY BE INSTALLED BY EXCANATING AN OPEN TRENCH WITH SIDE SLOPES OF 1:1 MAXIMUM TO A DEPTH OF 4-FT, INTALLATIONS DEEPER THAN 4-FT REQUIRE THE USE OF A TRENCH BOX.

2. PIPE MATERIALS SHALL BE AS SPECIFIED ON THE DESIGN PLAN.

3. SAND BLANKET MAY BE OUTHITED FOR REINFORCED CONSCRETE PIPE.

4. WHERE SHEETING IS PLACED ALONSSIDE THE PIPE AND EXTENDS BELOW MID-DAWLETER, THE SHEETING SHALL BE CUT OFF AND LETT IN PLACE TO AN ELEVATION HOT LESS THAN ONE FOOT ABOVE THE TOP OF THE PIPE AND AT LEAST 3 FEET BELOW PHINSHED GRADE.

5. THE PIPE SHAND BLANKET MATERIAL. SHALL BE CRADED SAND FREE FROM ORDANIC MATERIALS, GRADED SUCH THAT 100 PERCENT PASSES A 3-THICK SIZE AND A MAXIMUM OF 15 PERCENT PASSES A \$4200 SEVE.

6. TRENCH BACKFILL MATERIAL, IN RODUMAN LOCATIONS SHALL BE NATURAL MATERIALS.

EXCANATED FROM THE TRENCH DURING CONSTRUCTION, EXCLUDING:

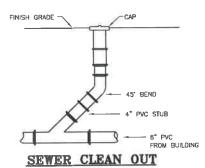
(1) DEBMS;

DEBRIS; PIECES OF PAVEMENT;

PRECES OF PANEMENT;
ORGANIC MATTER;
TIDE SOLL;
WET OR SOFT MUCK;
PEAT OR CLAY;
EXCHANGE LEDGE MATERIAL;
ROCKS GVER 6 INCHES IN THE LARGEST DIMENSION; AND
ANY MATERIAL NOT APPROVED BY THE ENGINEER.

### SEWER PIPE TRENCH INSTALLATION DETAIL

NOT TO SCALE



NOT TO SCALE

### GENERAL UTILITY NOTES

- 1.) CONTRACTOR SHALL NOTIFY DIC-SAFE (1-888 344-7233) 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
  2.) ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AS SHOWN. THE CONTRACTOR SHALL VERHEY THEIR LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION OF THE PROPOSED SERVICES.
  3. THIS PLAN SHOWS ONLY THOSE FEATURES THAT WERE VISUALLY APPARENT ON THE DATE OF THE SURVEY. THE ABSENCE OF SUBSURFACE STRUCTURES, UTILITIES, ETC. FROM THIS PLAN, BUT IN EXISTENCE IS NOT INTENDED OR IMPLED.
- MAILLAIRE CURSINGULION:
  A) ALL REPORDED WATER LINE MATERIAL USED SHALL MEET ROCHESTER WATER DEPARTMENT AND ROCHESTER ENGINEERING DEPARTMENT SPECIFICATIONS. WATER LINES SHALL BE A.W.W.A. C 151, CLASS 52, DOUBLE CEMENT LINED, DUCTILE IRON PIPE.
  B.) PROPOSED WATER CATE VALVES SHALL BE MANUFACTURED BY KENNEDY OF AMERICAN FLOW CONTROL., RESULENT SEAT TYPE. WATERLINE CONSTRUCTION:
- RÉSULENT SEAT TYPE.

  C) ALL WATER UNES SHALL BE BURIED A MINIMUM OF 5.5'.

  D.) ALL WATER FUTINGS SHALL BE CLASS 150. E. PROPOSED WATER CATE VALVE SHALL OPEN CLOCKWISE (RICHT).

  MORK TO CONNECT INTO THE WATER OR SEWER MANS REQUIRES A PERMIT FROM THE ROCHESTER PUBLIC WORKS DEPARTMENT. CONTRACTORS ARE TO BE PRE-QUALIED.

  CONTROCTOR SHALL LOCATE EXISTING SERVICES AND COORDINATE WITH THE CITY OF ROCHESTER FOR DISCONTINUATION OF THE SERVICES.

  PROVIDE THE TOTAL PROPERTIES OF WATERINE.

  PROVIDE THE TOTAL BURGEROUND AND INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS SET BY THE APPROPRIANE UTILITY COMPANY.

- APPROPRIATE UTILITY COMPANY.

  9). CONTRACTOR SHALL COORDINATE CONNECTION TO CITY WATER WITH PUBLIC WORKS.

  10). CONTRACTOR SHALL COORDINATE TESTING OF THE WATER MAIN, SEWER MAIN, SEWER FORCEMAIN AND SEWER MAINFULES WITH PUBLIC WORKS.

  A MANHOLES MUST BE VACUUM LEAKAGE TESTED IN ACCORDANCE WITH (ASTM C1244).

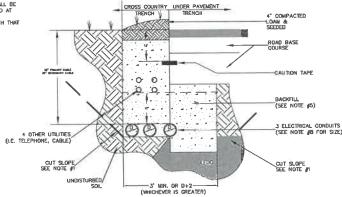
  B. SANITARY SEWER MUST BE TESTED IN ACCORDANCE WITH LOW-PRESSURE ARI TESTING (ASTM F1417) AND
- SEWER MAIN AND WATER MAIN CROSSING:
   A. VERTICAL SEPARATION OF THE SEWER AND WATER MAIN SHALL NOT BE LESS THAN 18 INCHES, WITH WATER
   A VACTOR SEPTEMBER OF THE STATE OF THE STATE OF THE STATE OF THE WATER MAIN.

  B. STHER PIPE JOINTS SHALL BE LOCATED AT LEAST 6 FEET HORIZONTALLY FROM THE WATER MAIN.
  WATER AND SEWER MAINS INSTALLED ADJACENT ONE ANOTHER SHALL HAVE A MININUM HORIZONTAL SEPARATION
- OF 10 FEET: NAMED AND STATES WHEN AND STATES AND STATES

- COMPANIES.

  15.) INSULATE WATER LINE WITH 2" RIGIO INSULATION WHERE LESS THAN 5.5" FEET OF COVER.

  16.) THE SEWER TAP SHALL BE MADE WITH AN EPOXY-CEMENTED SADILE TAPPED INTO AND SMOOTHLY DRILLED OR SAWN OPENING IN THE 24" REINFORCED CONCRETE SEWER. ANY SEWER TAP SHALL BE WITNESSED, INSPECTE AND APPROVED BY THE CITY OF ROCHESTER'S CONSTRUCTION IMSPECTOR OR SUPERVISOR IN THE UTILITIES.



NOTES:

1. ALL NON-METALLIC CONDUIT AND PITRINGS SHALL BE DECTIFICAL GRADE, SOMEDHIE AS THE AND SHALL CONTROL TO THE APPLICABLE SECTIONS OF NEW TO 2-1890 AND BE ULL USTED. DRIVE CONTROL CONDUIT MILL BE ACCEPTED. ANY PAY CONDUIT WHICH THE PROPER RELAX AND U.S. ECCOLOTT NOT TANNON THE PROPER RELAX AND U.S. ECCOLOTTED. STEEL, FITTINGS SHALL BE SEALD WITH COMPOUND.

2. ALL 80 DEGREES: SHEEPS WILL BE MOSE USING POOD GLAVANEED STEEL WITH A MINISTERN PROUND FOR 35 NICHES FOR PREMATE CHEEPS AND 24 NICHES FOR SECONDARY CHEES. ALL STEEL SHEEPS WITHIN 18 OF THE SUPPLICE SHALL BE PROPERTY CHOLUNGED.

3. A 10-POOR PROPERTY AS CHEEPS—PLY CARRY IS OF THE SUPPLICE SHALL BE PROPERTY CHOLUNGED.

5. A 10-POOR PROPERTY CHEEPS. ALL STEEL SHEEPS WITHIN 18 OF THE SUPPLICE SHALL BE PROPERTY CHOLUNGED.

5. A 10-POOR PROPERTY CHEEPS. ALL STEEL SHEEPS WITHIN 18 OF THE SUPPLICE SHALL BE PROPERTY CHOLUNGED.

5. A 10-POOR PROPERTY CHEEPS. AND SHEEPS—PLY CARRY IS OF THE SUPPLICE SHALL BE PROPERTY CHEEPS IN THE OPINION OF THE PROPERTY CHEEPS. AND SHEEPS—PLY CARRY IN THE OPINION OF THE PROPERTY CHEEPS AND THE OPINION OF THE OPIN

- THES.

  APPRIESE OF 201 POUNDS OF FULL MIST DE INSTITULID IN THE CONDINIT BEFORE DEFICUREDE IS NOTHED TO HISTALD

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- SECURIORITY, APILL 3-PICH FOR THREE PHASE PRAMEY.

  ALL CONDUST INSTALLATIONS MUST CONTROL TO THE CURRENT EDITION OF THE NATIONAL ELECTRIC SAFETY CODE, STATE AND LOCAL CODES AND CORDANACES, AND WHERE APPLICABLE THE NATIONAL ELECTRIC CODE.

  10. CONDUST MAY BE STALLED BY EXCHANISES AN OPEN TRENCH WITH SIDE SLOPES OF 1:1 MAINLAND TO A DEPTH OF 4-FT. INSTALLATIONS DEEPER THAN 4-FT REQUIRE THE USE OF A TRENCH DISK.

### **ELECTRICAL & UNDERGROUND UTILITY** TRENCH INSTALLATION DETAIL

NOT TO SCALE

UTILITY DETAILS TAX MAP 125, LOT 214 38 CHARLES STREET STRAFFORD COUNTY ROCHESTER NEW HAMPSHIRE PREPARED FOR: HOPE ON HAVEN HILL, INC.

OCTOBER 2021

PLAN NO. C-2954 SP-2

DWC NO. 18264\SP-2

FR NO. WTM-TCY

### DUST CONTROL PRACTICES:

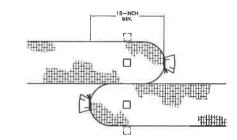
- APPLY DUST CONTROL MEASURES AS NECESSARY TO MAINTAIN CONTROL OF DUST ON SITE,

  WAIRE APPLICATIONS.

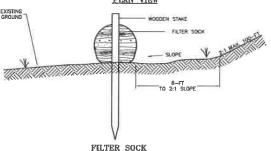
  A) MOISTE SEPOSED SOIL SURFACES PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.

  B) AVOID EXCESSIVE APPLICATION OF WATER THAT WOULD RESULT IN MOBILIZING SEDIMENT AND SUBSEQUENT
  DEPOSITION IN NATURAL WATERBOOKES.
- DEPOSITION IN NATURAL WATERLANDOOM.

  S TONE APPLICATION:
  A) COVER SUFFACE WITH CRUSHED OR COARSE GRAVEL.
  B) IN AREAS NEAR WATERWAYS LISE ONLY CHEMICALLY STABILIZED OR WASHED AGGREGATE.
  REFER TO 'NEW HAMPSARE STORMWATER MANACEMENT MANUAL, VOLUME J CONSTRUCTION PHASE EROSION AND SEDMENT CONTROLS, DECEMBER 2008" FOR OTHER ALLOWISHLE DUST CONTROL PRACTICES (I.E. COMMERCIAL TRAGRIPLES OR CHEMICAL TREATMENTS SUCH AS CALCIUM CHLORIDE, ETC.)



FILTER SOCK CONNECTION PLAN VIEW



### CROSS-SECTION

FILE NO. 161

PLAN NO. C-2954 SP-2

F.B. NO. WTM-TCY

- CONTINUOUS CONTAINED BERM (FILTER SOCK ALTERNATIVE).

  1. AN ALTERNATIVE PRODUCT, THE CONTINUOUS CONTAINED BERM (OR "FILTER SOCK") CAN BE AN EFFECTIVE SEDIMENT BARRIER AS IT ADDS CONTAINMENT AND STABILITY TO A BERM OF EROSION CONTROL MIX.

  2. IN THE EVENT THAT USE OF CONTINUOUS CONTAINED BERM IS DESIRED, THE PRODUCT SELECTED SHOULD BE REVEWED AND APPROVED BY THE DESIGN ENGINEER.

  3. INSTALLATION OF CONTINUOUS CONTAINED BERMS SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE MANUFACTURER.

- CONSTRUCTION SPECIFICATIONS:

  1. COMPOSTION OF THE EROSION CONTROL MIX SHALL EITHER BE THE SAME AS EROSION CONTROL MIX BERM MATERIAL OF AS SPECIFIED BY THE FILTER SOCK MANUFACTURER.

  2. THE BARRIER MUST BE PLACED ALONG A RELATIVELY LEVEL CONTOUR.

  3. IT MAY BE NECESSARY TO COLIT TALL GRASSES AND WOODLY VECETATION TO AVOID CREATING VOIDS AND BRIDGES IN THE BARRIER THAT WOULD ENABLE FINES TO WASH UNDER THE BARRIER THROUGH THE GRASS BLADES OF TRAIN TO BE THE BARRIER THROUGH THE GRASS BLADES OF TRAIN TS TOWN.
- FILTER SOCK DIAMETER (HEIGHT) SHALL BE PER THE MANUFACTURER RECOMMENDATION FOR THE AREA OF

# CONTINUOUS CONTAINED BERM "FILTER SOCK" DETAIL

NOT TO SCALE

### PERMANENT VEGETATION SEEDING RECOMMENDATIONS

USE	MIXTURE	SPECIES	LBS./ACRE	LBS./ 1,000-SF				
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	A	TALL FESCUE CREEPING RED FESCUE REDTOP TOTAL	20 20 2 42	0.45 0.45 0.05 0.95				
WATERWAYS, EMERGENCY SPILL WAYS, AND OTHER CHANNELS WITH FLOWING WATER	A	TALL FESCUE CREEPING RED FESCUE REDTOP TOTAL	20 20 2 42	0,45 0,45 0,05 0,95				
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS, AND LOW INTERESTY RECREATION SITES	A	TALL FESCUE CREEPING RED FESCUE REDTOP TOTAL	20 20 2 42	0.45 0.45 0.05 0.95				
PLAY AREAS AND ATHLETIC FIELDS (TOPSOIL ESSENTIAL FOR GOOD TURF)	F	CREEPING RED FESCUE KENTUCKY BLUEGRASS TOTAL	50 50 100	1.15 1.15 2.30				

XURCES:
NEW HAMPSHIRE STORMWATER MANAGEMENT MANUAL, VOLUME 3, TABLES 4-2 AND 4-3
MINNICK, E.L. AND H.T. MARSHALL, (AUGUST 1992)

PERMANENT VEGETATION:

SITE PREPARATION:

1. INSTALL NEEDED EROSION AND SEDIMENT CONTROL MEASURES SUCH AS SILTATION BARRIERS, DIVERSIONS, AND SEDIMENT TRAPS.

2. GRADE AS NEEDED FOR THE ACCESS OF EQUIPMENT FOR SEEDED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING.

3. RUNGEF SHALL BE DIVERTED FROM THE SEEDED AREA.

4. ON SLOPES SHI OR STEEPER, THE FINAL APERDARATION SHALL INCLUDE CREATING HORIZONTAL GROOVES PERPENDICULAR TO THE DIRECTION OF THE SLOPE TO CATCH SEED AND REDUCE RUNGEF.

RUNGET.

SEEDDED PERCARATION:

1. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4

1. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4

INCHES WITH A DISC, SPRING TOOTH HARROW OR OTHER SUTABLE FOULPHENT. THE FINAL HARROWING OPERATION SHALL BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED WHEREVER FEASIBLE.

2. REDIVER FROM THE SUFFACE ALL STONES ZINCHES OR LARGER IN ANY DIMENSION. REMOVE OF OTHER UNSUTABLE MATERIAL. ASSEL THEE ROOTS, CONCRETE CLOUS, LUMPS, TRACH OR OTHER UNSUTABLE MATERIAL. ASSEL THEE ROOTS, CONCRETE CLOUS, LUMPS, TRACH OR OTHER UNSUTABLE MATERIAL. ASSEL THE ROOTS, CONCRETE CLOUS, LUMPS, TRACH OR OTHER UNSUTABLE MATERIAL. ASSEL THE ROOTS, CONCRETE CLOUS, LUMPS, TO THE AREA MUST BE ILLED AND FIRMED AS ABOVE.

3. HISPECT SECOBED JUST BEFORE SEPONE APPLING FERTILIZER, LIME AND SEED.

5. EPPTH OF 2 INCHES BEFORE APPLING FERTILIZER, LIME AND SEED.

5. EPPTH OF 2 INCHES BEFORE APPLING FERTILIZER, LIME AND SEED.

6. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS. FERTILIZER SHALL BE RESTRICTED TO LIME WOOD ASH OR LOW PROSPICE AND SOUN RELEASE NITHOCEN VARIETIES, UNLESS A SOIL TEST WARRANTS OTHERWISE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL ON VARIABLE SIES, OR WHERE THANGES FOR TOWL. FERTILIZER AND LIMESTONE MAY DE APPLIED AT THE FOLLOWING RATES.

LIMESTONE APPLIED AT THE FOLLOWING RATES.

SEDING.

1. INDOLLATE ALL LEGIME SED WITH THE CORRECT TYPE OF INOCULANT.

2. APPLY SEED UNIFORMLY BY HAND, CYCLORE SEDER, DRILL CULTRACKER TYPE SEEDER OR HYDROSEGOR (SURRY INCLUDIOS SEED AND FERRILIZER), NORMAL SEDING DEPTH IS FROM 1/A TO 1/2 RICH. HYDROSEDIDR THAT INCLUDES MULCH MAY BE LETT ON SOIL SURFACE.

3. WHERE FLASEDED SHALL SE FIRMER CULTRIAGRER TYPE SEEDER OR HYDROSEDIR IS STANDED SHALL SE FIRMER CULTRIAGRER TYPE SEEDER OR HYDROSEDIR OR HYDROSEDIR. OR LIGHT IDEA.

4. SPRING SEEDING USUALLY GIVES THE BEST RESULTS FOR ALL SEED MIXES OR WITH LEGIMES. PERMANENT SEEDING SHALL BE COMPLETED 45 DAYS PRIOR TO FIRST KELLING FROST. WHEN CROWN VETCH IS SEEDED BY LATE SUMMER AT LEAST 355 OF THE SEED SHALL BE HAND. SHALL BE COVERED WITH THE SEPTIME SEEDING DAYS WERE ALL SEED WITH SEEDING PROSED SEEDING DAYS WERE ALL SEED SEEDING DAYS WERE ALL SEEDER SEEDING DAYS WERE ALL SEEDER SEEDING DAYS WERE ALL SEEDER SEEDING OF SEEDING PERSON.

3. AREAS SEEDED BETWEEN MAY IS AND MOUST IS SHALL BE COVERED WITH HAY OR STRAW MULCH, ACCORDING TO THE TEMPORARY AND PERMANENT MULCHING FRACTIC DESCRIBED IN THE INSTSAM, VOL. SOMEWARD AT LEAST SEEDING PERSON.

4. SPRING THE SEEDER SEEDER SEEDER SEEDING SEEDING PERSON.

5. PRICE TO COTOSER IS, IF THIS CONDITION IS NOT ACHIEVED, IMPLEMENT OTHER TEMPORARY STABLULATION MEASURES FOR OVER WINTER PROTECTION.

WHEN HYDROSEEDING (HYDRAULIC APPLICATION), PREPARE THE SEEDSED AS SPECIFIED ABOVE OR BY HAND RAKING TO LOOSEN AND SMOOTH THE SOIL AND REMOVE SURFACE STONES LARGER THAN 2 INCHES IN DIAMETER.

LARGER THAN 2 INCIRES IN DIAMETER.
SOURCE BUST BE NO STEEPER THAN 2:1 (2 FEET HORIZONTALLY BY 1 FOOT VERTICALLY.
LIME AND FERTILIZER MAY BE APPLIED SMULTANEOUSLY WITH THE SEED. THE USE OF FIBER
MULCH ON GRATICAL AREAS IS NOT RECOMMENDED (LALESS IT IS USED TO HOLD STRAW OR
HAY). BETTER PROTECTION IS GAINED BY USING STRAW MULCH AND HOLDING IT WITH
ACHECYE UNITERIALS OR SOOD POUNDS PER ACRE OF WOOD FIBER MULCH.
SEEDING RATES MUST BE INCREASED BY 10% WHEN HYDROSZEDING.

MAINTENANCE ROUBENLING.

MAINTENANCE ROUBENLING.

PERMANENT SEEDED AREAS SHALL BE INSPECTED AT LEAST MONTHLY DURING THE COURSE OF CONSTRUCTION. INSPECTION, MAINTENANCE AND CORRECTIVE ACTIONS SHALL CONTINUE UNTIL THE OWNER ASSUMES PERMANENT OPERATION OF THE STE.

UNTIL THE OWNER ASSUMES PERMANENT OPERATION OF THE STE.

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### **TEMPORARY VEGETATION:**

- SPECIFICATIONS:
  SITE PREPARATION:
  I. INSTALL NEEDED EROSION AND SEDIMENT CONTROL MEASURES SUCH AS SILTATION BARRIERS, DIVERSIONS, AND SEDIMENT TRAPS.
  2. GRADE AS NEEDED FOR THE ACCESS OF EQUIPMENT FOR SEEDED PREPARATION, SEEDING, MULCH APPULATION, AND MULCH ANOTHRING.
  3. RUNGOF SHALL BE DIVERTED FROM THE SEEDBED ARA.
  ON SLOPES 41. OR SIEDER, THE FINAL PREPARATION SHALL INCLIDE CREATING HORIZONTAL GROOVES PERPENDICULAR O THE DIRECTION OF THE SLOPE TO CATCH SEED AND REDUCE RUNGOF.
- RINGET.

  SERBICI DEPENDATION:

  1. STOKES AND ASSISTANCE OF REMOVED SO AS NOT TO INTERFERE WITH THE SEEDING AREA.

  1. STOKES AND ASSISTANCE OF THE SEEDING AREA.

  2. STOKES SEEDING ASSISTANCE OF THE SEEDING AREA.

  DEPTH OF 2. INCHES BEFORE APPLYING FERTILIZER, LIME AND SEED.

  3. IF APPLICABLE, FERTILIZER AND ORGANIC SOIL AMENDMENTS SHALL BE APPLIED DURING THE
- IF APPLICABLE, PENTILIZER AND GREARING SIGI, AMERIOMENTS SHALL BE APPLIED DURING THE 
  POPPLY LIBESTONE AND FERTILIZER ACCORDING TO SOL, TEST RECOMMENDATIONS. FERTILIZER 
  SHALL BE RESTRICTED TO LIME, WOOD ASH OR LOW PHOSPHATE AND SLOW RELEASE NITROGEN 
  WARIETES, UNITESS A SOL, TEST WARRANTS OTHERWISE, IF SOL TESTING IS NOT FEASIBLE ON 
  SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL FERTILIZER AND LIMESTONE MAY BE 
  APPLIED AT THE FOLLOWING RATES:

SEEDING:

1. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL CULTIPACKER TYPE SEEDER OR HYDRO SEEDER (SLIRRY INCLIDING SEED AND FERTILIZER), NORMAL SEEDING BEPTH IS FROM SEEDING FAITS MUST BE INCREASED BY 10% WICH HYDROSEDING.

2. TEMPORARY SEED SHALL TYPICALLY OCCUR PRIOR TO SEPTEMBER 1.9. SOIL SAIRFACE.

3. AREAS SEEDED BETWEEN MAY 15 AND AUGUST 15 SHALL BE COVERED WITH HAY OR STRAW MULCH, ACCORDING TO THE "TEMPORARY AND PERMANTNI MULCHING" PRACTICE DESCRIBED IN THE HYSSM, VOL. 31. COVERNO AT LEAST BS%, OF THE DISTURBED AREA SHALL BE ACCIENCED PRIOR TO GOTOBER 18. IF THIS CONDITION IS NOT ACHEVED, MPLEMENT OTHER TEMPORARY STABILIZATION MEASURES FOR OVER WINTER PROTECTION.

MAINTENANCE ESCUIREMENTS:

1. TEMPORARY SEDDING SHALL SE INSPECTED WEEKLY AFTER ANY RAINFALL EXCEEDING 1/2 INCH
IN 24 HOURS ON ACTIVE CONSTRUCTION SITES. TEMPORARY SEEDING SHALL SE INSPECTED
JUST PRIOR TO SEPTEMBER 15, TO ASCENTAIN WHETHER ADDITIONAL SEEDING IS REQUIRED TO
PROVIDE STABILIZATION OVER THE WINTER PERIOD.

2. BASED ON INSPECTION, AREAS SHALL SE RESEDDED TO ACCHEVE FULL STABILIZATION OF
EXPOSED SOLS. IF IT IS TOO LATE IN THE PLANTING SEASON TO APPLY ADDITIONAL SEED,
SEED SHALL SE RESEDED, WHIT OFFICE THE PLANTING SEASON TO APPLY ADDITIONAL SEED,
AREAS SHALL SE RESEDED, WITH OTHER TEMPORARY LEASURES (I.E. MILCH, ETC.) USED TO
PROVIDE EROSION PROTECTION DURING THE PERIOD OF VEGETATION ESTABLISHMENT.

CONSTRUCTION PHASING:

### CIVIL ENGINEERS

CAREFULLY REVIEW ALL SHEETS OF THIS PACKAGE TO INSURE PROPER CONSTRUCTION SPECIFIC SITE CONDITIONS SHOULD BE EXPLORED PRIOR TO CONSTRUCTION. CONTACT
BOTH THE DESIGN ENGINEER AND THE PROJECT OWNER FOR ANY AVAILABLE
GETECHNICAL OR HYDROGEOLOGICAL INFORMATION AVAILABLE BUT NOT CONTAINED
WITH IN THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE DESIGN PRESENTED
IN THIS PLAN SET PLEASE CONTACT THE ENGINEERING STAFF AT NORWAY PLAINS ASSOCIATES, INC. (603)-335-3948.



### PROJECT SPECIFIC CONSTRUCTION PHASING:

- STABILIZATION:
  A STRE IS DEEDED STABILIZED WHEN IT IS IN A CONDITION IN WHICH THE SOIL ON STEE WILL NOT EXPERIENCE ACCELERATED OR UNNATURAL EROSION LINDER THE CONDITIONS OF A 10-YEAR STORM LEVENT, SUCH AS BUT NOT LIMITED TO: A)N ABROAD HE DE PAYED:

  a) A MINIMUM OF BE DAYED:
  b) A MINIMUM OF BOST VEGETATIVE COVER HAS BEEN ESTABLISHED;
  b) A MINIMUM OF S-INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR A CERTIFIED COURSOT BLANKET HAS BEEN INSTALLED, OR;
  c) ENOSION CONTROL BLANKET HAVE BEEN INSTALLED,
  B) M. REAS TO BE PAYED:
  b) BASK COURSE GRAVELS HAVE BEEN INSTALLED.
  C) BENEFORM THE STABLISH STABLISH OF THE SAME OF THE

  - 3. PER DEBATE CHESTERS.

    3. PER DEBATE CHESTERS.

    3. PERSTAL REQUIRED FILLS IN MANIAUM B-INCH LETS AND COMPACT EACH LET TO SESS MANIAUM PROCTOR DENSITY.

    10. AS SUSGRADE IS ACHIEVED INSTALL REMAINING SEDIMENT CONTROL AND CATCH BASHINS, ETC.).

    11. RESTALL ALL UTILITIES AND CLOSED DRAHAGE SYSTEM COMPONENTS (I.E. STALL ALL UTILITIES AND CLOSED DRAHAGE SYSTEM COMPONENTS (I.E. CORRESSONOMICS, GETCH SESSION AND REMAINS BETT, DESCRIPTION OF SESSION AND CONTROL MANIAUM SESSION AND CONTROL MASSING.

    12. ALL CUT AND FILL SLOPES AND LAWN AREAS NOT TO BE PAYED SHALL BE COMED AND SECRET FOR PERMANENT VECTATION AND STABILIZATION AS
- ALL AREAS OF EXPOSED ON DISTURBED SOIL SYMAL DE LEMPTAPRINA SOON AS PRACTICIPALE DEUT ROLLINGE, TENNA AS DATA FROM THE TIME OF INTIMA.

  SOON AS PRACTICIPALE BUT ROLLINGE, TENNA AS DATA FROM THE TIME OF PROVIDED AS PART OF THE ISSUED PERMIT OR AN INDEPENDENT MONTHOR.

  3. PERMANDET STABULZATION:

  ALL AREAS OF EXPOSED ON DISTURBED SOIL SHALL BE PERMANENTLY STABULZED AS ALL SEARCH OF EXPOSED OF DISTURBED SOIL SHALL BE PERMANENTLY STABULZED AS ALL SEARCH OF EXPOSED OF THE STURBED SOIL SHALL BE PERMANENTLY STABULZED AS ALL SHALLSH PRACTICIPAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, NO MORE THAN 3 ACRES SHALL BE DISTURBED FOR STABULZED AT ANY TIME.

  5. ONLY DISTURB, CLEAR, OR GRADA RAREAS NOT TO BE DISTURBED.

  6. ALL GRADED OR DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CONSTRUCTION.

  7. ALL GRADED OR DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AND SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED DURING CLEARING AND DISTURBED AREAS INCLIDING SLOPES SHALL BE PROTECTED ON SHEET C.—3.

  ALL GRADED AND SEDIMENT CONTROL PLAN DEPICTED ON SHEET C.—3.

  ALL GRADED AND SEDIMENT CONTROL PLAN DEPICTED ON SHEET C.—3.

  TOPSOL RECORD AND SEDIMENT CONTROL PLAN DEPICTED ON SHEET C.—3.

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  TOPSOL RECORD AND SEDIMENT CONTROL PLAN DEPICTED ON SHEET C.—3.

  TOPSOL RECORD AND SEDIMENT CONTROL PLAN DEPICTED ON SHEET C.—3.

  TO PRACTICE.

  PRACTICE:

  ALL DAMAGE TEMPORARY AND PERMANENT SEDIMENT, EROSON CONTROL.

  AND STORMWATER MANAGEMENT PRACTICES SHOULD BE REPAIRED OR

  AND STORMWATER MANAGEMENT PRACTICES SHOULD BE REPAIRED OR

  AND STORMWATER MANAGEMENT PRACTICES SHOULD BE REPAIRED OR

  A SEDIMENT SHALL BE DISPOSED OF PROPERLY EITHER ON SITE OR OFF SITE.

  SEDIMENT SHALL BE DISPOSED OF PROPERLY EITHER ON SITE OR OFF SITE.

  LIFON PRACTICES COMPANY OF THE SITE IS DEPMED STARBUZED

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  LIFON PRACTICES COMPANY OF THE SITE IS DEPMED STARBUZED

  APPROPRIATE COMPANY OF THE SITE IS DEPMED STA
  - APPROPRIATE MANNEM. ACCUMULATED SCOMENT SHALL BE REMOVED FROM ALL ON SITE CATCH BASINS AND THE SEDIMENT FOREBAYS TO THE GRAVEL WETLANDS BASIN.

# WINTER STABILIZATION & CONSTRUCTION PRACTICES:

- MANTENANCE REQUIREMENTS:

  1. MANTENANCE MEASURES SHALL BE PERFORMED THROUGHOUT CONSTRUCTION, INCLUDING OWER THE WINTER PERIOD. AFTER EACH RAINFALL, SKIDWISTORM, OR PERIOD OF THAMMIG AND RUMOFF, THE SITE CONTRACTOR SHALL CONDUCT INSPECTION OF ALL INSTALLED ENDSIGN CONTROL PRACTICES AND PERFORM REPAIRS AS NEEDED TO INSIDE THER CONTRACTOR SHALL CONDUCT AND AFFACT AND AFFACT

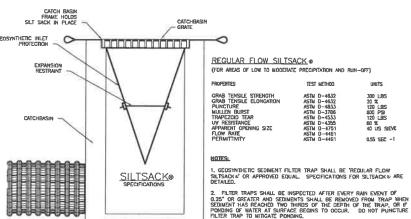
- RESEATION AND REPAIR ANY DAMAGED AREAS OR BARE SPOTS AND RESEAD SA REQUIRED TO ACHEVE AN ESTABLISHED VECETATIVE COVER (AT LEAST BSX OF AREA VECETATED WITH HEALTHY, VIGOROUS GROWTH.)

  THE FOLLOWING STABILIZATION TECHNIQUES SMALL BE EMPLOYED DURING THE PRINCIP FROM OCTOBER 15 THROUGH MAY 15.

  1. THE AREA OF EXPOSED, UNSTABLIZED SOIL SHALL BE EMPLOYED DURING THE PRINCIP FROM OCTOBER 15 THROUGH MAY 15.

  1. THE AREA OF EXPOSED, UNSTABLIZED SOIL SHALL BE LIMITED TO 1\_ACRE AND SHALL BE PROTECTED AGAINST BROSON BY THE IMPHODE DUSINSSED IN NISSIM, YOL 3 AND ELSCWIERE IN THIS PLAN SET, PRIOR TO ANY OF ESTABLISHING THE GRADE THAT IS FINAL OR THAT OTHERWISE WILL EXST FOR MINE THAN 15 AND ELSCWIERE IN THIS PLAN SET, PRIOR TO ANY OF ESTABLISHING THE GRADE THAT IS FINAL OR THAT OTHERWISE WILL EXST FOR MINE THAN 15 AND ALL REPORTS WELETIAL PREPARED AND SHALL BE SEEDED AND COVERED WITH 3 TO 4 TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH 3 TO 4 TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH 3 TO 4 TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH 3 TO 4 TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH 3 TO 4 TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH 3 TO 4 TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH 3 TO 4 TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH 3 TO 4 TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH A MONOMOUN THE OWNER OF THE ACRE SECURED WITH A TONS OF HAY OR STRAW MALCH PER ACRE SECURED WITH A MONOMOUN TO THE ACRE SECURED WITH A MONOM

ABOVE NOTES EXCERPTED, ADAPTED AND REFERENCED FROM "NEW HAMPSHIRE STORWAYER MANUSCHEMT MANUAL, VOLUME 3 CONSTRUCTION PHASE EROSION AND SEDIMENT CONTROLS, DECEMBER 2008" (HHSMM, VOL.)



3. INSTALL SILT SACKS IN CATCH BASIN UPON INSTALLATION OF STRUCTURE. CATCH BASIN GEOSYNTHETIC SEDIMENT TRAP

TEMPORARY AND PERMANENT EROSION & SEDIMENTATION CONTROL TAX MAP 125, LOT 214 38 CHARLES STREET STRAFFORD COUNTY ROCHESTER **NEW HAMPSHIRE** PREPARED FOR:

HOPE ON HAVEN HILL, INC. OCTOBER 2021

2 Continental Blvd., Rochester, N.H. 603-335-3948

