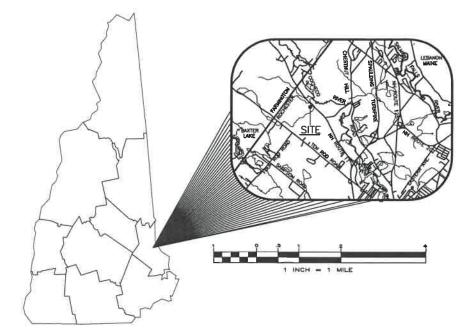
PROPOSED CREDIT UNION BRANCH

150 FARMINGTON ROAD

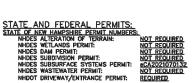
PREPARED FOR

GRANITE STATE CREDIT UNION ROCHESTER, NH APRIL 2021







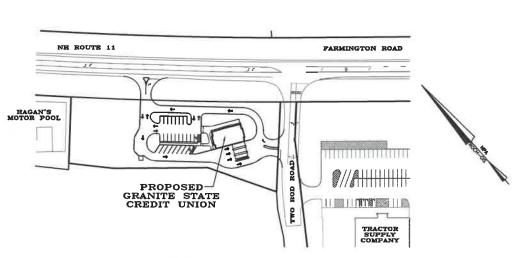


NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES):
NPDES PERMITS ARE ONLY REQUIRED FOR PROJECTS MEETING THE DISTURBED AREA
CRITERIA BELOW AND HANNER A POINT SOURCE STORMWATER DISCHARGE FROM THE
SITE TO AN ADJACENT WETLAND OR WATER BODY (I.E. CULVERT, SWALE, ETC.
OUTLETING TO A WETLAND, CREEK, STREAM OR RIVER).

PERMIT: REQ

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

FOR STATUS OF THIS PERMIT, CONTACT THE PROJECT GENERAL CONTRACTOR



 $\frac{\text{OVERALL SITE}}{1" = 100'}$



CIVIL ENGINEERS

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

LANDSCAPE ARCHITECTS

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

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

FILE NO. 116 PLAN NO. C-3159 DWG. NO. 20229/SP-1

OWNER & APPLICANT

GRANITE STATE CREDIT UNION
PO BOX 6420
1415 ELM STREET
MANCHESTER, NEW HAMPSHIRE 03101
(800) 645-4728

DESIGNERS

THE ELEMENT GROUP
155 BREWERY LANE; SUITE 1
PORTSMOUTH, NEW HAMPSHIRE 03301
(603) 319-8951

ARCHITECTS

SHREMSHOCK
7775 WALTON PARKWAY, SUITE 250
NEW ALBANY, OHIO 43054
(514) 545-4550

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, INC. (603)—335—3948.

CAREFULLY REVIEW ALL SHEETS OF THIS PACKAGE TO INSURE PROPER CONSTRUCTION.

		SHEET INDEX	
SHEET	C-0	COVER	
	E-1	EXISTING FEATURES	1" = 30'
SHEET	E-2		1" = 30'
SHEET	C-1		1" = 30'
	C-2		1" = 30'
SHEET	C-3		1" = 30'
SHEET	C-4	EROSION AND SEDIMENTATION CONTROL PLAN	
	C-5		1" = 30'
SHEET	C-6		AS SHOWN
SHEET	C-7		AS SHOWN
SHEET	C-8	DRAINAGE DETAILS	AS SHOWN
SHEET	C-9	INFILTRATION BASIN DETAILS	AS SHOWN
SHEET	C-10	TEMPORARY EROSION AND SEDIMENTATION CONTROL DETAILS	AS SHOWN
SHEET	C-11	PERMANENT EROSION AND SEDIMENTATION CONTROL DETAILS	AS SHOWN
SHEET	C-12	UTILITY DETAILS	AS SHOWN
SHEET	L-1	LIGHTING PLAN AND DETAILS	1" = 30"
SHEET	L-2		1" = 30"
SHEET	SS-1	SEPTIC SYSTEM DESIGN PLAN AND DETAILS	AS SHOWN

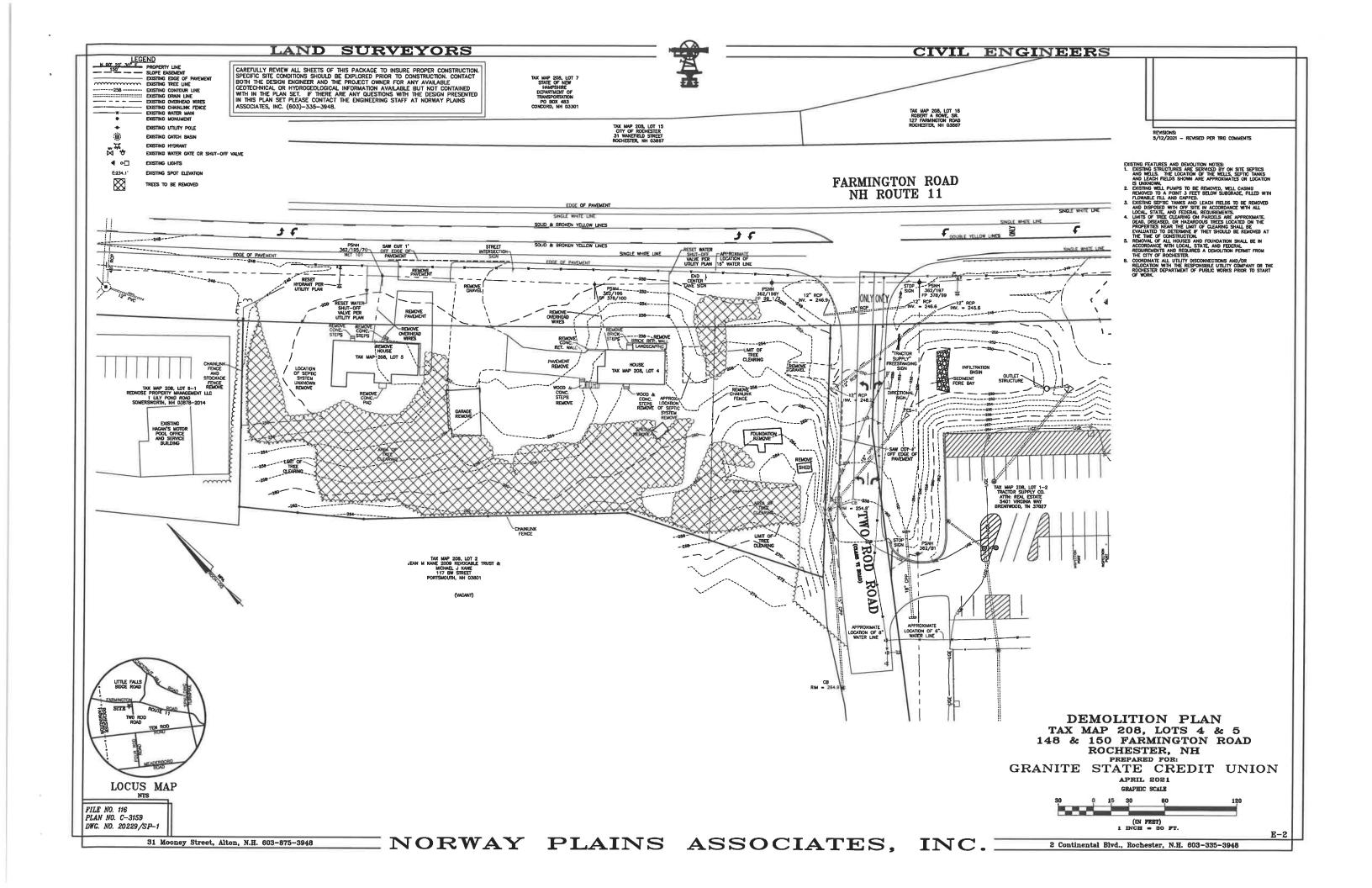
FINAL APPROVAL BY ROCHESTER PLANNING BOARD

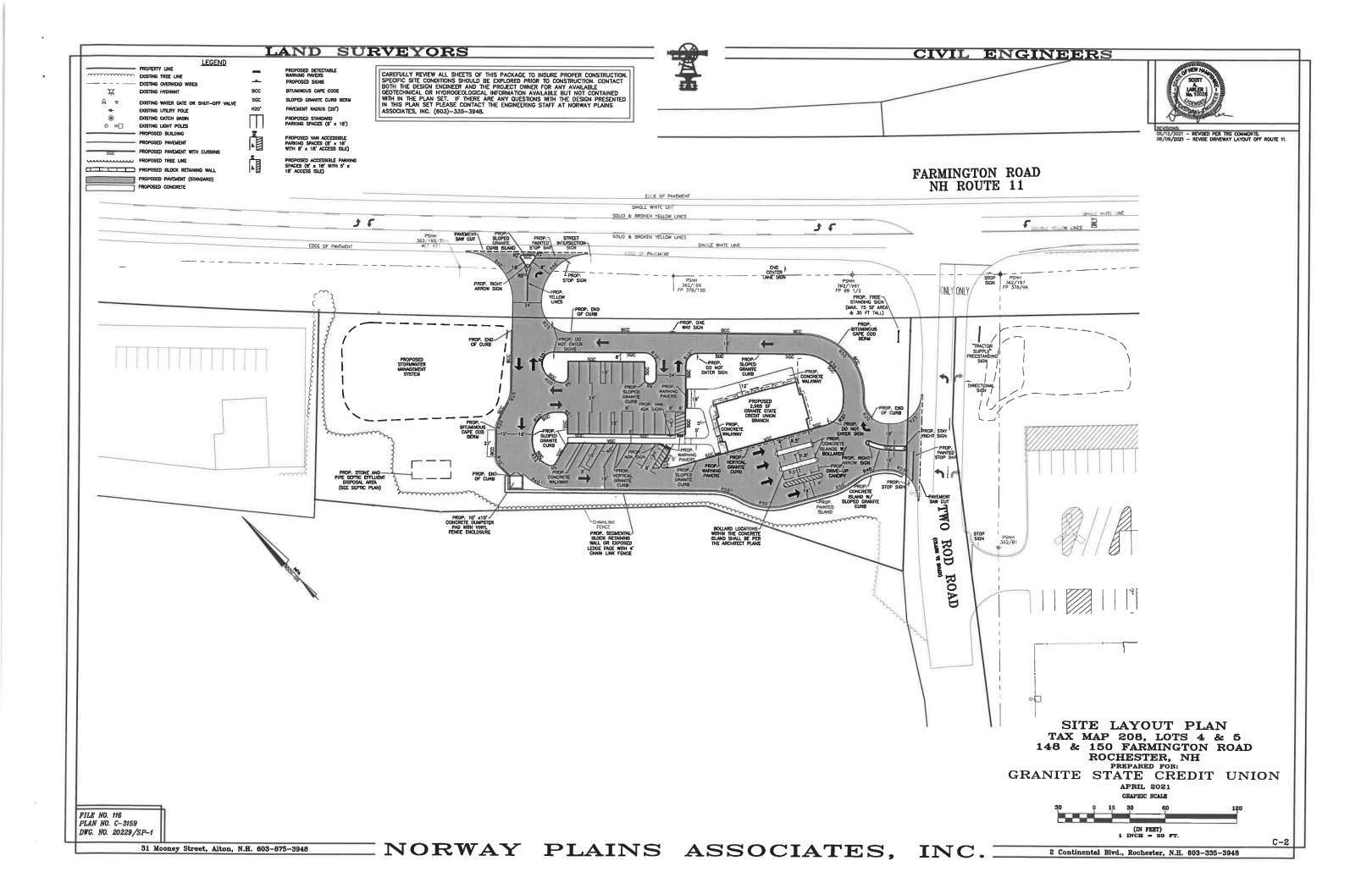
CERTIFIED BY: Shaund Raunder DATE: 8/23/21

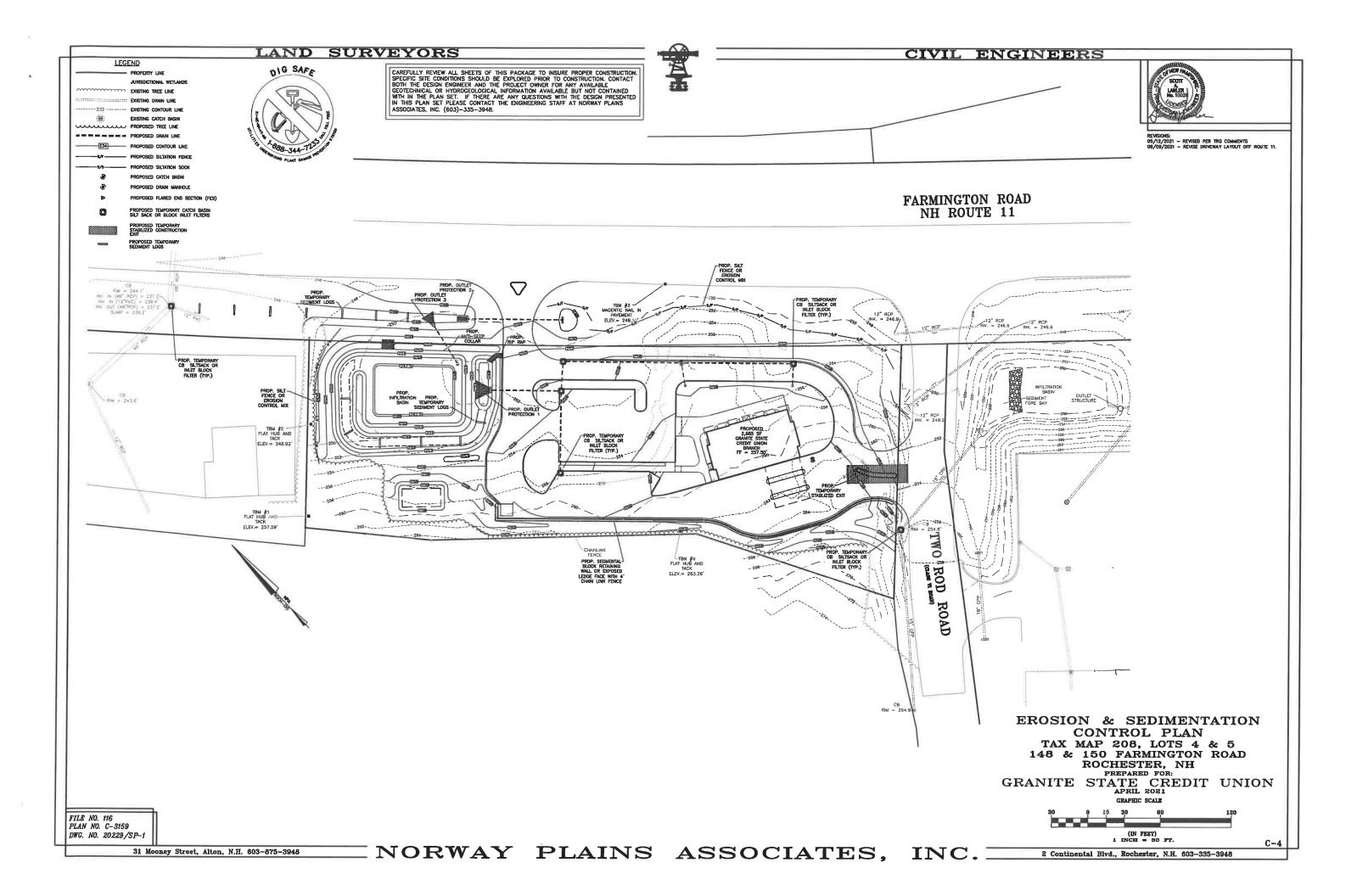
Junet, 2021 PB Approval

NORWAY PLAINS ASSOCIATES, INC.

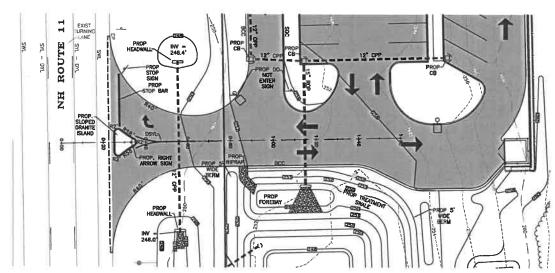
2 Continental Blvd., Rochester, N.H. 603-335-3948





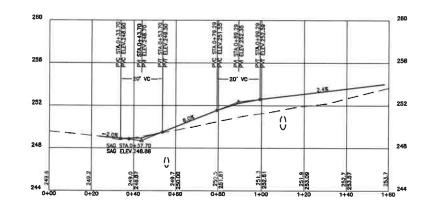


LAND SURVEYORS

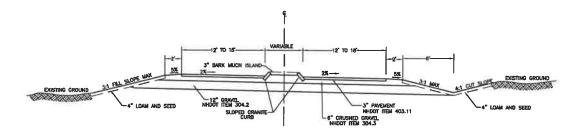


ROUTE 11 DRIVEWAY PLAN VIEW

1" = 20'



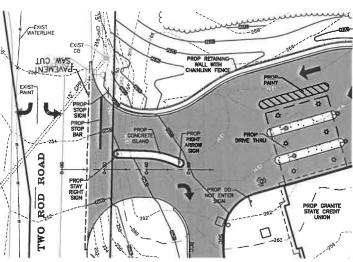
ROUTE 11 DRIVEWAY PROFILE 1" = 20' (HORZ.) & 1" = 4' (VERT.)



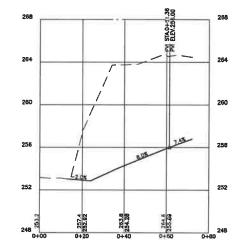
ROUTE 11 DRIVEWAY CROSS-SECTION







TWO ROD ROAD DRIVEWAY PLAN VIEW



TWO ROD ROAD DRIVEWAY PROFILE

1" = 20' (HORZ.) & 1" = 4' (VERT.)

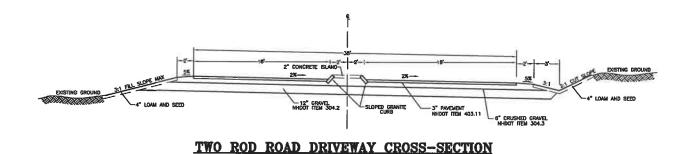


ITEM NO.	SIGN HEIGHT	SIZE	техт	NO. SIGNS REQ'D
R1-1	30"	30"	STOP	2
R7-8o	18"	12"	RESERVED PARTIES	2
R7-8b	6"	12"	VAM ACCESSIBLE	1
R5-1	30"	30"	DO NOT ENTER	4
R6-1	12*	36*	ONE WAY	1
R4-7b	30"	24"	KEEP RIGHT	1
R3-5r	30	24	ONLY	2

1. ALL SIGNS SHALL BE PER "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.

SIGN SCHEDULE

NOT TO SCALE

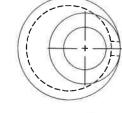


DRIVEWAY PLAN, PROFILES & TYPICAL CROSS SECTIONS TAX MAP 208, LOTS 4 & 5 148 & 150 FARMINGTON ROAD ROCHESTER, NH PREPARED FOR:

GRANITE STATE CREDIT UNION

FILE NO. 116 PLAN NO. C-3159 DWG. NO. 20229/SP-1

LAND SURVEYORS



PLAN VIEW

DRAIN LINE DIAMETER	SUM OF DRAIN LINE DIAMETER	CATCH BASIN DIAMETER
15" TO 16"	LESS THAN 54"	4"
21° TO 27°	LESS THAN 72"	5'
30° TO 33°	LESS THAN 90"	6'
36" & LARGER	CREATER THAN 90"	REFER TO THE STANDARD

- LOADING.
 SHIPLAP JOINTS SEALED WITH 1 STRIP OF BUTTL RUBBER SEALANT.
 RUBBER SEALANT.
 PIPE OPENINGS CAST IN AS REQUIRED.
 5. RISER HEIGHT WARES 1', 2', 3' OR 4' TO REACH DESNED DEFORMS SHALL BE MORTARED.
 7. PIECAST SECTIONS SHALL CONFORM TO ASTM

ELEVATION

- SLAB TO BE PLACED IN LIEU OF TAPERED SECTION WHERE PIPE WOULD OTHERWISE ENTER INTO TAPERED SECTION OF THE STRUCTURE AND WHER! DEPARTMENT

REINFORCED CONCRETE SLAB COVER

NOT TO SCALE

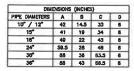
PRE-CAST REINFORCED CATCH BASIN

NOT TO SCALE

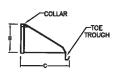
SECTION VIEW







TOP VIEW



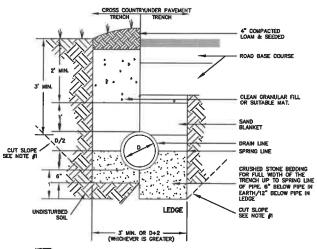


FRONT VIEW

FLAIRED END SECTION DETAIL

NOT TO SCALE

FILE NO. 116 PLAN NO. C-3159 DWG. NO. 20229/SP-1



DRAINAGE PIPE TRENCH INSTALLATION DETAIL

NOT TO SCALE



CIVIL ENGINEERS

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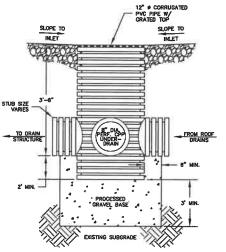
THE SWALE(S) SHALL BE MOWED WITH THE REST OF THE SITES LAWN AREAS TO PROMOTE HEALTHY GROWTH AND PREVENT THE ENCROACHMENT OF WEEDS AND WOODY VEGETATION, DO NOT MOW GRASS IN SWALE(S) TOO SHORT, THIS MUL REDUCE THE SWALES FILTERING ABILITY.

THE SWALE(S) SHOULD BE FERTILIZED ON AM AS NECESSARY BASIS, TO KEEP THE GRASS HEALTHY, OVER



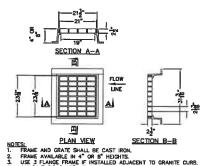
SWALE DIMENSION TABLE

15" RCP OUTLET FROM CB42

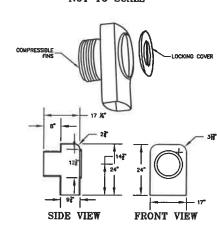


AREA DRAIN DETAIL

NOT TO SCALE



CATCH BASIN TYPE 'B' GRATE DETAIL NOT TO SCALE



ELIMINATOR CATCH BASIN OIL AND DEBRIS TRAP DETAIL

NOT TO SCALE

- NOIES

 1. HOO SHALL 8E "THE ELIMINATOR" OIL & FLOATING DEBRIS TRAP AS MANUFACTURED
 BY GROUND WATER RESCUE, INC., QUINCY, MA., TEL 817-773-1128 ON THE WEB ©
 WWKLEHANSTEAM, CO. 2. AVAILABLE IN 8", 10", 12", 15" AND 18" DIAMETERS.

VEGETATED TREATMENT SWALE DETAIL NOT TO SCALE

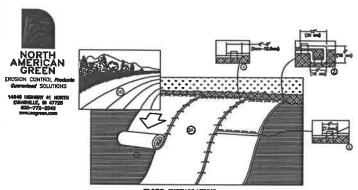
DIA. D	HEADWALL LENGHT L	HEADWALL HIGHT H	FILL HIGHT FH	PIPE COVER h	HEADWALL 8TM HEIGHT W
12"	4'3"	3'9"	1'1"	1'3"	2'
15"	6'	4'3"	1'7"	1'6"	2'1"
18"	7'	4'6"	1'10"	1'6"	2'2"
24	9'	5'	2'4"	1'6"	2'3"
30"	11'	5'6"	2'10"	1'6"	2'5"
36	13'	6	3'4"	1'6"	
42	15'9"	6'9"	4'1"	1'9"	2 6 2 9
48"	17'9"	7'3"	4'7"	1'9"	2"10"

PRE-CAST HEADWALL

DRAINAGE DETAILS TAX MAP 208, LOTS 4 & 5 148 & 150 FARMINGTON ROAD ROCHESTER, NH

PREPARED FOR: GRANITE STATE CREDIT UNION APRIL 2021

LAND SURVEYORS



SLOPE INSTALLATION

MINTENANCE REQUIREMENTS: 1. ALL BLANKET AND MATS SHALL BE INSPECTED WEEKLY DURING THE CONSTRUCTION PERIOD, AND AFTER ANY RAINFALL EVENT ALL GUNTAL AND MAIS SMALL BE INSPECTED WEARLY DURING THE CONSTRUCTION PERIOD, AND AFTER MAY PAWARAL DEPOT EICCEDING 1/2 INCH IN A 24-MOUR PERIOD. IF WASHOUT OF THE SLOPE, DISPLACEMENT OF THE MAT, OR CAMAGE TO THE MAT OCCURS, THE AFFECTED SLOPE SMALL BE REPAIRED AND RESERVED. AND THE AFFECTED AGE OF MAT SAIL BE DE-INSTALLED.

22 ANY FAILURE SHALL BE REPARED IMMEDIATELY IF WISHOUT OF THE SLOPE, DEPLACEMENT OF THE MAT, OR DAMAGE TO THE MAT DOCURS, THE AFFECTED SLOPE SHALL BE REPARRED AND RESERVED, AND THE AFFECTED AREA OF MAT SHALL BE RE-RISTALED. CONSTRUCTIONS SPECIFICATIONS.

A PREPARE SUIL BEFORE INSTALLAND ROLLED EROSION CONTROL PRODUCTS (RECP's), RICLIDING ANY RECESSARY.

MARKATURES INSTALLADE PRITILEER, AND SEED.

NOTE: WHEN IS USE PETRILEER, AND SEED.

SIDE DOWN.

BEDIEN AT THE TOP FITH SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 8" (19 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30 cm)) OF RECP's EXTENDED BEFORD THE UP-SLOPE PORTION OF THE TRENCH, ANCHOR THE RECP's WITH A ROW OF STANLES/STAKES SPROXIMATELY 12" (30 CM) APART IN THE STOTO OF THE TRENCH ANCHOR THE RECP's WITH A ROW OF STANLES/STAKES SPROXIMATELY 12" (30 CM) APART ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES/STAKES SPROXIMATELY 12" (30 CM) APART ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES STANLES APPROXIMATELY 12" (30 CM) APART ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES STANLES AND APPROXIMATELY 12" (30 CM) APART ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES STANLES AND APPROXIMATELY 12" (30 CM) APART ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES STANLES AND ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES AND ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES STANLES AND ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES STANLES AND ARROSS THE WIDTH OF THE RECP'S WITH A ROW OF STANLES STANLES STANLES STANLES SHALL BE PLACED THROW IN THE STAPLE PATTERN CHIEF OF THE APPROXIMATE OF THE COLORED DOTS CORRESPONDING TO THE APPROXIMATE

THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.

DEPENDING ON RECP[®] TYPE OWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STILE) WITH AN APPROXIMATE 3' (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP[®] WIDTH.

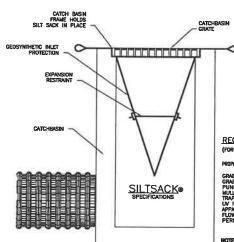
NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 8" (15 CM) MAY BE NECESSART TO PROPERTY SECURE THE RECP[®].

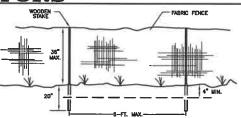
PERPANATIONS
PERPANATION IS ESSENTIAL TO ENSURE COMPLETE CONTACT OF THE PROTECTION MATTING WITH THE SOIL PREMOTE ALL ROCKS, CALOS, TRISCH VEGETATIVE OR OTHER OBSTRUCTIONS SO THAT THE INSTALLED BLANKETS WILL HAVE DIRECT CONTACT WITH THE SOIL PREMOTE ALL ROCKS, CALOS, TRISCH VEGETATIVE OR OTHER OBSTRUCTIONS SO THAT THE INSTALLED BLANKETS WILL HAVE DIRECT CONTACT WITH THE SOIL PREMOTE ALL ROCKS, CALOS, TRISCH VEGETATIVE OR OTHER OBSTRUCTIONS SO THAT THE INSTALLED BLANKETS WILL HAVE DIRECT CONTACT WITH THE SOIL PROPERTY OF THE PROTECTION OF THE PROTE

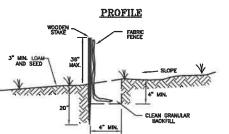
DENGS.
SEED AREA BEFORE BLANKET INSTALLATION FOR EROSION CONTROL AND REVEGETATION. SEEDING PLAN.
OFFED SPECIFIED FOR THEF RENEWSCHIONT APPLICATIONS, WHICH SEEDING PRIOR TO BLANKET INSTALLATION, ALL CHECK SLOTS
WHEN SOL FILLING IS SPECIFED, SEED THE MATTING AND THE RESERVED.
HEN SOL FILLING IS SPECIFED, SEED THE MATTING AND THE CHITRE DISTURBED AREA AFTER INSTALLATION AND PROR TO
FILLING THE MAT WITH SOL.

TEMPORARY EROSION CONTROL BLANKET DETAIL

NOT TO SCALE







CROSS-SECTION

<u>enance requirements:</u> Inces shall be inspected and maintained immediately after each rainfall and at least daily during prolonged

THE STANDARD TO AM APPROPRIATE LOCATION SO THE SEMINENT IS NOT REDULY TRANSPORTED BACK TOWARD THE SILT THE TRICKS SHALL BE FERHEID INMEDIATELY IF THERE ARE ANY SOINGS OF ENGINE ON RESIDENTATION BELOW THE FLIP SIGNS OF UNDERCUTTING AT THE COTTER OF THE EDGES OF THE BARRIER, OR INFOUNDING OF LARGE VOLUMES OF WATER INFO THEM, SEDIENT BARRIERS SHALL BE REPLACED WITH A TEMPORARY CHECK OF THE PAPER VIOLENT BARRIERS SHALL BE ENGINED WITH AT SHOPBARY CHECK OF THE EMPORTED US ABLE LIFE AND BARRIERS TILL IS NECESSARY. THE FABRIC SHALL BE REPLACED PROMPTLY. "SEDIENT GENERAL BECAUSE HE FARE ARE AND ALL BE REPLACED PROMPTLY. "SEDIENT GENERAL PREPARED AND SEEDED. THE SELT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFIDENT TO ENSITING GRADE PREPARED AND SEEDED. THE SELT FENCE IS NO LONGER REQUIRED SHALL BE REPLACING THEM THE SHEDING FREPARED AND SEEDED. THE STANDARD SEDIENT TRAPS. EXTEND BARRIERS UPHILL OR CONSIDER REPLACING THEM THE SHEDING SEDIES OF THE DEPLY ONLY TO DESIGNS AND SEDIENT TRAPS.

CONSTRUCTION SPECIFICATIONS.

T. FENCES SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SHEET EROSION AND THERE IS NO CONCENTRATION OF WAITER IN A CHANNEL OR DRAWAGE WAY ABOVE THE FENCE SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY SOLD INSTRUMENCE OF THE CONTINUENTIAL ORDINANCE WAY ABOVE THE FENCE SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY SOLD STRUMENT OF SLOPE ABOVE THE FENCE SHALL BE TO FEET;

THE MAXIMUM LEXIFE ABOVE THE FENCE SHALL BE TO FEET;

THE MAXIMUM SLOPE ABOVE THE FENCE SHALL BE TO FEET;

FENCES SHALL BE INSTALLED FOLLOWING THE CONTIOUR OF THE LAND AS CLOSELY AS POSSIBLE, AND

A. THE BASIMUM SLOPE ABOVE THE FENCE SHALL BE TOWNED THE FENCE SHALL BE ABOVE THE FINE SHALL BE ABOVE THE FINE SHALL BE ABOVE THE FENCE SHALL BE TOWNED FROM THE FENCE SHALL BE TOWNED THE FORM SHALL BE ABOVE THE FENCE SHALL BE TOWNED THE FORM SHALL BE ABOVE THE FINE SHALL BE CHARACTED OVER THE SHADE OF THE FINE SHALL BE CHARACTED OVER THE SHADE OF THE FINE SHALL BE CHARACTED OVER THE SHADE OF THE FINE SHALL BE CHARACTED OVER THE SHADE OF THE FINE SHALL BE CHARACTED OVER THE SHADE OF THE FINE SHALL BE CHARACTED OVER THE SHADE OF THE FINE SHADE OF THE FINE SHADE OF THE FINE SHADE OF THE FINE SHADE OF THE SH

ADMINISTRATION OF SUPPORT POST, IF METAL POSTS ARE USED, PAGING USED,

I OF 3 FEL. STEEL PUSIS SHALL HAVE, PROJECTIONS FOR PROTEINING WIRE TO THESE TO STAND WELL BE FLOWED ON THIS SOURCE SECTION OF A SILT FENCE SHALL NOT EXCEED 36 INCHES AS HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SYFFICIENT TO BE SHOULD BE PURICHASED IN A CONTINUOUS ROLL CUT TO THE LEWING OF THE BARRIER TO AVOID THE USE OF LIMBOR JOINTS ARE MEESSARY. FILTER CUTH SHALL BE SPILED TOGETHER ONLY AT SUPPORT POST, WITH A MINMUM H DOWERLAP, AND SCURREY SEALED.

ILPACTURED SILT FENCE SYSTEM WITH INTEGRAL POSTS MAY BE USED.

SPACING SHALL NOT EXCEED FEET.

NOM SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS AND UP DIT FROM THE BARRIER.

SMAIGHT FROM THE BARRENS.

THE STANDARD STRENGTH OF PITER FARREN SHALL BE THROUGH ON WIRED TO THE POST, AND IS HIGHES OF THE FARREN SHALL BE DITEMBED INFORMED TO THE POST, AND IS HIGHES OF THE FARREN SHALL BE DITEMBED HYD THE TRENCH. THE FARREN SHALL HOT DITEMBED MORE THAN 38 HIGHES ABOVE THE ORIGINAL CROWN SURFACE.

SILT FENCE MAY BE INSTALLED BY "SLICING" USING MECHANICAL EQUIPMENT SPECIFICALLY DESIGNED FOR THIS PROCEDURE. THE SLICING WITHOUT SURFACE OF THE PARREN.

SLICING WITHOUT DISES AN IMPLEMENT TOWNS DESIRED BEIND A TRACTOR TO "PLUY" OF SLICE THE SLICE MATERIAL NOT THE SOIL THE SLICING WITHOUT SHALL SHA

18. SIT PERCES SMALL BE INSTALLED WITH STATEMENT OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF A SLOPE SMALL BE SET AT LEAST & FEET FROM THE TOE IN ALLOW SPACE FOR SHALLOW POLYMON ON TO ALLOW FOR MAINTENANCE ACCESS WITHOUT DISTURBING THE SLOPE.

21. SILT PERCES SHALL BE RELIGIOUS WHEN THEY HAVE SERVED THEIR USEPIL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREAS HAVE BEEN PERMARKENLY STRAIGHTACED.

SILTATION CONTROL FENCE DETAIL

NOT TO SCALE

REGULAR FLOW SILTSACK . (FOR AREAS OF LOW TO MODERATE PRECIPITATION AND RUN-OFF)

PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH GRAB TENSILE ELONGATION PUNCTURE	ASTN 0-4632 ASTN 0-4632 ASTN 0-4833	300 LBS 20 % 120 LBS
MULLEN BURST TRAPEZOID TEAR UV RESISTANCE	ASTM 0-3788 ASTM 0-4533 ASTM 0-4355	800 PSI 120 LBS 80 %
apparent opening size flow rate permittivity	ASTM D-4751 ASTM D-4491 ASTM D-4491	40 US SIEVE 0.55 SEC -1

2. FILTER TRAPS SHALL BE INSPECTED AFTER EVERY RAIN EVENT OF C.23° OR GREATER AND SECURINTS SHALL BE REMOVED FROM TRAP WHEN SECURING THE REACHED TWO THROSO OF THE OPPTH OF THE TRAP, OR IF PONDING OF WATER AT SURFACE BEEINS TO OCCUR. DO NOT PUNCTURE FILTER TRAP ID MITIGATE PONDING.

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

CATCH BASIN GEOSYNTHETIC SEDIMENT TRAP NOT TO SCALE

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

FILE NO. 116 PLAN NO. C-3159 DWG. NO. 20229 /SP-1

PER ACRE BUSHELS (BU) OR POUNDS (LBS.) 2.5 BU OR 112 LBS. 2.5 LBS. BEST FOR FALL SEEDING. SEED FROM AUGUST 15 TO SEPTEMBER 15 FOR BEST COVER. SEED TO A DEPTH OF 1 INCH. WINTER 2.0 LBS. BEST FOR SPRING SEEDING. SEED NO LATER THAN MAY 15 FOR SUMMER PROTECTION. SEED TO A DEPTH OF 1 INCH. OATS 30 LBS. 0.7 LBS.

2. MINNICK, EL. AND H.T. MARSHALL, (AUGUST 1992)

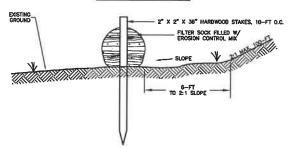
TEMPORARY VEGETATION SEEDING RECOMMENDATIONS

CIVIL ENGINEERS

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WITH IN THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE PLAN SET. IF THERE ARE ANY QUESTIONS WITH THE PLAN SET. ASSOCIATES, INC. (603)-335-3948.



FILTER SOCK CONNECTION PLAN VIEW



FILTER SOCK CROSS-SECTION

NITHIOUS CONTAINED BERM (FILTER SOCK ALTERNATIVE):.

AM ALTERNATIVE PRODUCT, THE CONTINUOUS CONTINUED BERM (OR "FILTER SOCK") CAN BE AN EFFECTIVE SEDIMENT BARRIER AS IT ADOS CONTAINENT AND STABILITY TO A BERM OF EROSION CONTROL MIX. IN THE EVENT THAT USE OF CONTINUOUS CONTAINED BERM IS DESIRED, THE PRODUCT SELECTED SHOULD BE REVIEWED AND APPROVED BY THE DESIGN ENGINEER.

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

MAINTENANCE REQUIREMENTS: 1. FILTER SOCK MAINTENANCE SHALL FOLLOW THE SAME SCHEDULE AS EROSKON CONTROL MIX BERMS.

FILTER SOCK DIAMETER (HEIGHT) SHALL BE PER THE MANUFACTURER RECOMMENDATION FOR THE AREA OF

CONTINUOUS CONTAINED BERM "FILTER SOCK" DETAIL

NOT TO SCALE

TEMPORARY VEGETATION:

SEDIMENT TRAPS.

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

APPLICATION, AND MULCH ANCHORING.

RUNOFF SHALL BE DIVERTED FROM THE SEEDBED AREA.

ON SLOPES 4:1 OR STEEDPER, THE FINAL PREPARATION SHALL INCLIDE CREATING HORIZONTAL GROOVES PERPEDICULAR. O: THE DIRECTION OF THE SLOPE TO CATCH SEED AND REDUCE RUNOFF.

SEDISED PERPARATION.

LIMESTONE APPLICATION RATE = 3 TONS/ACRE (138 LB./1,000-SF)*
"EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE

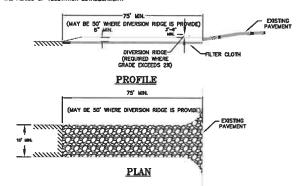
FERTILIZER APPLICATION RATE = 870 LB./ACRE (20 LB./1,000-SF)*
*LOW PHOSPHATE FERTILIZER (6-0-4) OR EQUIVALENT

MAINTENANCE REQUIREMENTS:

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

PERIOD.

BASED ON INSPECTION, AREAS SHALL BE RESERVED TO ACHEME FILL STABILIZATION OF EXPOSED SOILS. IF STABILIZATION OF EXPOSED SOILS. IF IT IS TOO LATE IN THE PLANTING SCASON TO APPLY ADDITIONAL SEED, THEN OTHER TEMPORARY STABILIZATION MEASURES SHALL BE MINIMENTATION. IF ANY EMPERIOR OF EXPOSION OF SEDIMENTATION IS APPARENT, REPAIRS SHALL BE MADE AND AREAS SHALL BE RESERVED, WITH OTHER TEMPORARY MEASURES (LE MULCH, ETC.) USED TO PROVIDE EROSION PROTECTION DIRING THE PERIOD OF VECETATION ESTABLISMENT.



TEMPORARY CONSTRUCTION EXIT

NOT TO SCALE

COLLEGED SOIL MICHAEL SWEEP THE PAVEMENT AT EXITS WHENEVER SOIL MATERIALS ARE TRACKED INTO CONTRIBUTIONS SHALL SWEEP THE PAVEMENT AT EXITS WHENEVER SOIL MATERIALS ARE TRACKED ONTO THE ADALESTAT PAVEMENT OF TRAVELED WAY.
WHEN WHEEL WASHING IS REQUIRED, IT SHALL BE CONDUCTED ON AN AREA STABILIZED WITH AGGREGATE, WHICH DRAINS MITO AN APPROVED SEDIMENT-TRAPPING DEVICE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERWAYS.

CONSTRUCTION SPECIFICATIONS:

1. THE MINIMUM STORE USED SHALL BE 3-INCH CRUSHED STONE.

2. THE MINIMUM ENGTH OF THE PAD SHALL BE 7-S FEET, EXCEPT THAT THE MINIMUM LENGTH MAY BE REDUCED TO 50 FEET F A 3-INCH TO 6-INCH BERM IS INSTALLED AT THE ENTRANCE OF THE PROJECT STIE.

3. THE PAD SHALL BE THE FULL WIDTH OF CONSTRUCTION ACCESS ROAD OR 10 FEET, WHICHEVER IS GREATER.

GREATER.

THE PAD SHALL SLOPE AWAY FROM THE EXISTING ROADWAY.

THE PAD SHALL BE AT LEAST 6 MONES THOX.

THE PAD SHALL BE AT LEAST 6 MONES THOX.

THE PAD SHALL BE ATTEMPT FABRIC SHALL BE PLACED BETWEEN THE STONE PAD AND THE EARTH SURFACE

ELGOW THE FAD.

THE PAD SHALL BE MANTANED OR REPLACED WHEN MUD AND SOIL PARTICLES CLOG THE VOIDS IN

THE STONE SUCH THAY MUD AND SOIL PARTICLES ARE TRACKED OFF-SITE

MATURAL DRAINAGE THAT CROSSES THE LOCATION OF THE STONE PAD SHALL BE INTERCEPTED AND

PIPED BENEATH THE PAD, AS NECESSARY, WITH SUTRABLE OUTLET PROTECTION.

TEMPORARY EROSION AND SEDIMENTATION CONTROLS TAX MAP 208, LOTS 4 & 5 148 & 150 FARMINGTON ROAD ROCHESTER, NH

PREPARED FOR: GRANITE STATE CREDIT UNION APRIL 2021

NORWAY PLAINS ASSOCIATES, INC. 2 Continental Bivd., Rochester, N.H. 603-335-3948

LAND SURVEYORS CROSS COUNTRY UNDER PAVEMENT

1. PPDS MAY BE INSTALLED BY EXCAVATING AN OPEN TRENCH WITH SIDE SLOPES OF 1:1 MAXIMUM TO A DEPTH OF 4-FT.

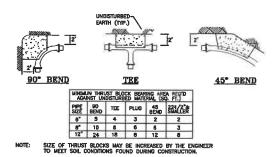
NITUALIZIONS DEEPEN THAN 4-FT REQUIRE THE USE OF A TRENCH BOX.

2. PPE MINITERAL SHALL BE 4. SPOCKED ON THE DESCRIP HAN.

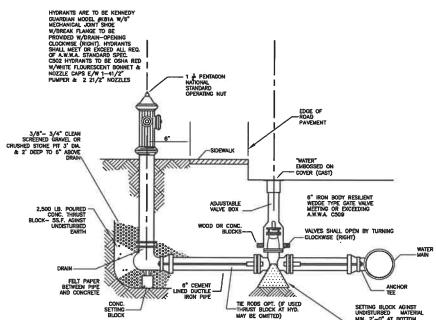
3. SHAD BLANKET MAY BE OMITTED FOR REMFORCED CONCRETE PIPE.

WATER PIPE TRENCH INSTALLATION DETAIL

NOT TO SCALE

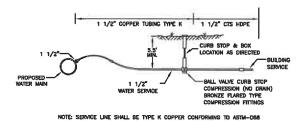


WATER MAIN THRUST BLOCK DETAILS NOT TO SCALE



TYPICAL HYDRANT SECTION

NOT TO SCALE



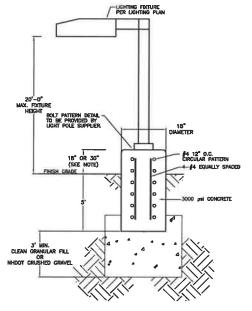
TYPICAL DOMESTIC SERVICE CONNECTION

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 INC. (60.3)—33.5—3345—348 ASSOCIATES, INC. (603)-335-3948.





GENERAL UTILITY NOTES

- 1.) CONTRACTOR SHALL NOTIFY DIG-SAFE (1-888 344-7233) 72 HOURS PRIOR TO THE START OF
- ULL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AS SHOWN, THE CONTRACTOR SHALL VERIFY THEIR OCATIONS AND ELEVATIONS.

- THE ABSENCE OF SUSSIONARE STRUCTURES, OTHERS, ELC. FROM THIS PEAR, BUT IN EXISINGE IS NOT INTENDED OR INPULED.

 ANY LITLITY POLES THAT NEED TO BE RELOCATED SHALL BE COORDINATED WITH EVERSOURCE OR VERIZON, WHOM EVER HAS CONTROL OVER THOM.

 PROPOSED UITLINES ARE TO BE LINDERGROUND. COORDINATE LOCATION OF UNDERGROUND UITLINES AND TRANSFORMER PADS WITH PSNH AND OTHER PERTINENT UITLITY COMPANIES.

 WAIER AND SEWER LINES SHALL BE INSTALLED A MINIMUM OF 10-FT APART HORIZONTALLY.

 WHERE SEWER AND WAITE HURS MUST GROSS, SEWER PIPE JOINTS SHALL BE LOCATED A MINIMUM 9-FT HORIZONTALLY FROM THE WAITER LINE AND A VERTICAL SEPARATION OF 18-MOHES SHALL BE MAINTAINED.

 SEWER PIPE JOINTS SHALL BE TESTED WITH ZERD LEAKAGE AT ZE POUNDS PER SOUARE INCH FOR GRAVITY SEWER AND AT 1-1/2 TIMES WORKING PRESSURE FOR ALL FORCE MAINS.
- SEWER AND AT 1-1/2 TIMES WORKING PRESSURE FOR ALL FORCE MAINS.

 9. WATERLINE CONSTRUCTIONS.

 A.) ALL PROPOSED WATER LINE MATERIAL USED SHALL MEET ROCHESTER WATER DEPARTMENT AND ROCHESTER ENGINEERING DEPARTMENT SPECTIFICATIONS. WATER LINES SHALL BE A.W.W.A. C 151, CLASS 52, CEMENT LINED, DUCTILE IRON PIPE.

 B. PROPOSED WATER GATE VALVES SHALL BE MANUFACTURED BY KENNEDY OF AMERICAN PLOW CONTROL, RESILENT SECTION WES SHALL BE BURIED A MINIMUM OF 5'.

 D.) IF S' OF COURT IS NOT AVAILABLE WATER LINE SHALL BE INSULATED AS SHOWN IN THE "SHALLOW COVER TRENCH DETAIL, FOR INSULATED WATER PIPE".

 E) ALL WATER PITTIONS SHALL BE CASS 52.

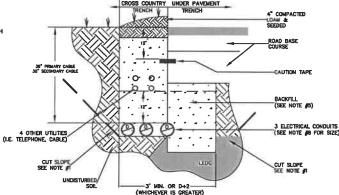
 F.) PROPOSED WATER CATE VALVE SHALL OPEN CLOCKIMSE (RIGHT).

 10.) WORK TO CONNECT INTO THE WATER OF SEWER MAINS REQUIRES A PERMIT FROM THE ROCHESTER PUBLIC WORKS DEPARTMENT. CONTRACTORS ARE TO BE PRE—QUALIFIED.

POLE MOUNTED LIGHT DETAIL

NOT TO SCALE

LIGTH POLE BASE SHALL BE 18" ABOVE FINISH GRADE FOR NON VEHICLE IMPACT AREAS AND 30" FOR VEHICLE IMPACT AREAS. THE LIGHT POLE BASES CAN BE PRECAST, WITH COORDINATION WITH THE LIGHTING FIXTURE MANUFACTURE FOR BOLT PATTERN.



remany.

The Current edition of the national electric safety code, state and local codes and onal electric code.

Onal electric code.

Devi treduct with side slopes of 1:1 maximum to a depth of 4—FT. Installations deeper than

ELECTRICAL & UNDERGROUND UTILITY TRENCH INSTALLATION DETAIL

NOT TO SCALE

UTILITY DETAILS TAX MAP 208, LOTS 4 & 5 148 & 150 FARMINGTON ROAD ROCHESTER, NH PREPARED FOR:

GRANITE STATE CREDIT UNION

APRIL 2021

FILE NO. 116 PLAN NO. C-3159 DWG. NO. 20229 /SP-1

