

REVISION HISTORY
 1. PROJECT IS CLASSIFIED AS A MAJOR CONSTRUCTION PROJECT AND REQUIRES SITE PLAN REVIEW AND APPROVAL FROM THE TOWN PLANNING BOARD
 2. PROJECT REQUIRES APPROVAL OF A SPECIAL USE PERMIT WITHIN THE WETLANDS BUFFER ZONE PER TOWN ORDINANCE ARTICLE 17.6 TO ALLOW DISTURBANCES OF THE BUFFER TO A WETLAND IN CONNECTION WITH PROPOSED CONSTRUCTION
 3. PROJECT REQUIRES A NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES (NHDES) EXPEDITED MINIMUM IMPACT WETLANDS PERMIT
 4. PROJECT REQUIRES AN EPA CONSTRUCTION GENERAL PERMIT NOTICE OF INTENT (NOI); THE CONTRACTOR IS RESPONSIBLE FOR PREPARING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND SUBMITTING THE NOI.
 5. PROJECT REQUIRES NHDES SUBSURFACE DISPOSAL PERMIT.

WINTER CONSTRUCTION NOTES

ALL PROPOSED POST-DEVELOPMENT 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 OR BARRIERS GREATER THAN 2", AND RESEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE ELSEWHERE. MULCH REMOVAL IN THE SPRING SHALL BE REMOVED AND REPLACED AT A RATE OF 2 TONS PER ACRE. THE PLACEMENT OF EROSION CONTROL BLANKETS OR MULCH AND TACKIFIERS SHALL NOT OCCUR OVER ACCUMULATED DEBRIS OR ON FROZEN GROUND.
 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 WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
 AFTER OCTOBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE PROTECTED WITH A MINIMUM OF 3-INCHES OF CRUSHED GRAVEL PER INCH ITEM 303.3 OR IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT.

REQUIRED PERMITS

- PROJECT IS CLASSIFIED AS A MAJOR CONSTRUCTION PROJECT AND REQUIRES SITE PLAN REVIEW AND APPROVAL FROM THE TOWN PLANNING BOARD
- PROJECT REQUIRES APPROVAL OF A SPECIAL USE PERMIT WITHIN THE WETLANDS BUFFER ZONE PER TOWN ORDINANCE ARTICLE 17.6 TO ALLOW DISTURBANCES OF THE BUFFER TO A WETLAND IN CONNECTION WITH PROPOSED CONSTRUCTION
- PROJECT REQUIRES A NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES (NHDES) EXPEDITED MINIMUM IMPACT WETLANDS PERMIT
- PROJECT REQUIRES AN EPA CONSTRUCTION GENERAL PERMIT NOTICE OF INTENT (NOI); THE CONTRACTOR IS RESPONSIBLE FOR PREPARING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND SUBMITTING THE NOI.
- PROJECT REQUIRES NHDES SUBSURFACE DISPOSAL PERMIT.

CONSTRUCTION SEQUENCE

- CONSTRUCT TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO ANY EARTH MOVING OPERATIONS. INSPECT EROSION AND SEDIMENT CONTROL MEASURES WEEKLY AND WITHIN 24 HOURS OF ANY EQUIPMENT RAINFALL EVENT (1/2" OF RAIN OR MORE). PERFORM ANY NEEDED MAINTENANCE AND STABILIZATION AS NEEDED.
- DISTURBANCES OF AREAS SHALL BE MINIMIZED. NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED FOR LONGER THAN TWO WEEKS DURING THE GROWING SEASON. AREAS WHICH WILL NOT BE PERMANENTLY SEEDING WITHIN TWO WEEKS OF COMPLETION SHALL BE TEMPORARILY SEEDING AND MULCHED. ALL AREAS SHALL BE STABILIZED WITH SEED MULCH AND TACKIFIER WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE AND PRIOR TO THE END OF THE GROWING SEASON.
- PERFORM SITE DEMOLITION TO LIMITS SHOWN ON DEMOLITION PLAN.
- CONDUCT ALL UNDERGROUND UTILITY STRUCTURE AND PIPING INSTALLATION, BACKFILL, AND COMPACTING.
- CONSTRUCT BUILDING FOUNDATION AND PERFORM EROSION CONTROL FEATURES CAN FOLLOW.
- INSTALL TREATMENT SWALES, CURB EDGES, AND SWAPS IN ACCORDANCE WITH THE PLANS AND DETAILS. TEMPORARY WATER DIVERSION (SWALES, BASINS, ETC) MUST BE USED AS NECESSARY UNTIL AREAS ARE STABILIZED.
- PLACE AND COMPACT NEW GRAVEL COURSES IN THE PARKING, LOADING, AND SIDEWALK AREAS.
- PLACE, GRADE, AND STABILIZE DISTURBED AREAS WITH TEMPORARY SEEDING AND MULCHING.
- PLACE PAVEMENT COURSES AND CURBING.
- ALL DISTURBED SOILS SHALL BE STABILIZED, LOADED, SEEDING, AND MULCHED.
- COMPLETE PERMANENT SEEDING AND LANDSCAPING IN ACCORDANCE WITH THE LANDSCAPE DESIGN AND DETAILS.
- SWEEP COMPLETED PAVEMENT AND CLEAN OUT CATCH BASINS AND DRAINAGE PIPES DURING CONSTRUCTION. CLOSE-OUT PROCEDURES: PROPERLY DISPOSE OF COLLECTED SEDIMENT AND DEBRIS.
- REMOVE TEMPORARY EROSION CONTROL MEASURES AND PROPERLY DISPOSE OF FOLLOWING CONSTRUCTION AND ONCE FULL GROUND COVER HAS BEEN ESTABLISHED.

LANDSCAPING NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
- LANDSCAPING CONTRACTOR SHALL RECEIVE SITE GRADE TO ± 0.10 FOOT.
- ALL TREES OF THE SAME SPECIES AND SIZE SHALL HAVE MATCHING HEIGHT AND FORM UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL PLANT MATERIALS AND FINAL LOCATION OF ALL PLANT MATERIALS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANTS, CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE FOR IMMEDIATE RESOLUTION. FAILURE TO MAKE SUCH CONTACTS KNOWING TO THE OWNER'S REPRESENTATIVE WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE THE MATERIALS.
- CONTRACTOR SHALL FURNISH PLANT MATERIALS FREE OF PESTS OR PLANT DISEASES. PRE-SELECTED OR "TAGGED" MATERIAL MUST BE INSPECTED BY THE CONTRACTOR AND CERTIFIED AS PEST AND DISEASE FREE. IT IS THE CONTRACTOR'S OBLIGATION TO WARRANTY ALL PLANT MATERIALS.
- ALL GROUND COVERS SHALL BE TRIANGULARLY SPACED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING MATERIALS DAMAGED DURING PLANTING OPERATIONS.
- ALL LANDSCAPE AREAS SHALL BE COVERED WITH 2 INCHES OF ORGANIC BARK MULCH UNLESS OTHERWISE NOTED.
- AREAS SHOWN AS GROUND COVER AT THE BASE OF TREE AND SHRUB MATERIALS MUST CONFORM TO THE FOLLOWING CRITERIA: THERE SHALL BE NO GROUND COVER PLANT MATERIAL AT THE BASE OF THE TREE OR SHRUB AS FOLLOWS: A) 4-FOOT RADIUS AROUND EVERGREEN TREES; B) 3-FOOT RADIUS AROUND DECIDUOUS TREES; AND C) 3-FOOT RADIUS AROUND LARGE SHRUBS.
- FINAL PLACEMENT OF ALL PLANT MATERIALS SHALL BE SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE PRIOR TO FINAL PLACEMENT AND BACKFILL. CONTACT OWNER'S REPRESENTATIVE 24 HOURS PRIOR TO PLACEMENT FOR APPROVAL.
- ALL DISTURBED AREAS, UNLESS OTHERWISE NOTED, TO BE LOAM, SEEDING, AND MULCHED.

EROSION CONTROL NOTES

IF EROSION CONTROL MATTING IS USED ON SITE IT SHALL BE WOVEN ORGANIC MATERIAL (E.G. COCO MATTING) OR THE USE OF WELDED PLASTIC OR BIODEGRADABLE PLASTIC MATTING IN EROSION CONTROL MATTINGS IS NOT PERMITTED.
 CATCH BASINS: CARE SHOULD BE TAKEN TO ENSURE THAT SEDIMENTS DO NOT ENTER CATCH BASINS DURING EXCAVATION FOR PIPE TRENCHES, DITCHES AND SWALES. THE CONTRACTOR SHALL PLACE 100% WOVEN GEOTEXTILE FABRIC FOR INLET PROTECTION OVER INLETS IN AREAS OF SOIL DISTURBANCE, WHICH ARE SUBJECT TO SEDIMENT CONTAMINATION.
 PLACE INLET PROTECTION DEVICES, IN CATCH BASINS AND MAINTAIN UNTIL ALL CONSTRUCTION ACTIVITIES HAVE CEASED AND THE SURROUNDING AREAS ARE WELL VEGETATED.
 ALL SWALES SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF INTO THEM.

SCHEDULE OF WORK
 THIS WORK IS ANTICIPATED TO BE PERFORMED IN SUMMER/FALL 2022. CONSTRUCTION IS ANTICIPATED TO BE COMPLETED BY SPRING 2023.
 ADEQUATE MEASURES SHOULD BE TAKEN TO MINIMIZE AIR BORNE DUST PARTICLES ARISING FROM SOIL DISTURBANCE AND CONSTRUCTION:
 • DISTURBANCE OF AREAS SHOULD BE MINIMIZED AND NOT EXCEED 100,000 SQUARE FEET IN AREA AT ANY ONE TIME.
 • NO DISTURBED AREA SHOULD BE LEFT UNSTABILIZED FOR LONGER THAN TWO WEEKS DURING THE GROWING SEASON.
 • PERMANENT EROSION CONTROL FEATURES SHOULD BE INCORPORATED INTO THE PROJECT AT THE EARLIEST PRACTICABLE TIME AS SPECIFIED ON THE CONTRACT PLANS.
 • WITHIN 14 DAYS OF COMPLETING WORK IN AN AREA, AND PRIOR TO ANTICIPATED RAIN EVENTS, APPLY HAIRY STRAW MULCH AND TACKIFIER ON ALL DISTURBED SOIL AREAS. APPLICATION RATES OF 2 TONS OF STRAW OR HAY PER ACRE SHOULD BE USED TO PREVENT EROSION UNTIL VEGETATIVE COVER CAN BE ESTABLISHED. ALTERNATIVELY, APPLY WOOD CHIPS OR GROUND BARK MULCH 2 TO 8 INCHES DEEP AT A RATE OF 10 TO 20 TONS PER ACRE.
 • WHEN EROSION IS LIKELY TO BE A PROBLEM, GRUBBING OPERATIONS SHOULD BE SCHEDULED AND PERFORMED SUCH THAT GRADING OPERATIONS AND PERMANENT EROSION CONTROL FEATURES CAN FOLLOW IMMEDIATELY THEREAFTER.
 • AS WORK PROGRESSES, PATCH SEEDING AND MULCHING SHOULD BE DONE AS REQUIRED ON AREAS PREVIOUSLY TREATED TO MAINTAIN OR ESTABLISH PROTECTIVE COVER.
 • REMOVE ACCUMULATED SEDIMENTS AND DEBRIS WHEN SEDIMENT CONTAINMENT DEVICES REACH 33% CAPACITY.

EROSION CONTROL IMPLEMENTATION SCHEDULE
 THE FOLLOWING GENERAL SCHEDULE IDENTIFIES THE PROPOSED SOIL, EROSION AND SEDIMENT CONTROL, AND STORM WATER MANAGEMENT MEASURES THAT ARE TO BE IMPLEMENTED PRIOR TO AND DURING CONSTRUCTION:
 • PERFORM LIMITED GRUBBING, STRIPPING AND SITE GRADING ONLY AS NEEDED TO COMPLETE IMMEDIATE WORK GOALS.
 • BLOCK STORM WATER FLOW AS NECESSARY TO INSTALL ALL STORM WATER STRUCTURES IN THE DRY.
 • INSTALL PERMANENT STORM DRAIN SYSTEM.
 • INSTALL TEMPORARY SOIL STABILIZATION MEASURE INCLUDING SEED, MULCH, FERTILIZER, MATTING, ETC.
 • REDIRECT FLOWS INTO FINISHED STRUCTURES PRIOR TO FILL OPERATIONS.
 • PLACE HURDS AND CONDUCT PERMANENT SEEDING AND MULCHING OF ALL DISTURBED GROUND.

TEMPORARY STABILIZATION
 EROSION CONTROL MEASURES SHALL BE IMPLEMENTED, AS WRITTEN HEREIN AND AS DEPICTED ON THE ACCOMPANYING PLANS, FROM THE COMMENCEMENT OF CONSTRUCTION ACTIVITY UNTIL FINAL STABILIZATION IS COMPLETE.
TEMPORARY GRADING: TEMPORARY GRADING DURING CONSTRUCTION SHOULD BE PERFORMED IN SUCH A MANNER TO FACILITATE MAXIMUM INFILTRATION OF STORMWATER AND MINIMIZE OR ELIMINATE STORMWATER RUNOFF FROM THE SITE.
 MULCH, MULCHING WITH LOOSE HAY OR STRAW, AT A RATE OF 2 TONS PER ACRE, SHALL BE DONE IMMEDIATELY AFTER EACH AREA HAS BEEN FINALLY GRADED. WHEN NEEDED FOR EROSION CONTROL, IS BOWN PRIOR TO PLACING THE MULCH. THE MULCH SHOULD BE PLACED ON THE SEEDING AREAS WITHIN 48 HOURS AFTER SEEDING.

TACKIFIER: PLACEMENT OF SOIL TACKIFIER HAS PROVEN TO BE AN EFFECTIVE METHOD OF PREVENTING SOIL AND ADHERING MULCH IN PLACE. THE PLACEMENT OF A SOIL TACKIFIER SHOULD BE PERFORMED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND SHOULD BE REAPPLIED AS NECESSARY TO CONTROL AIR BORNE DUST AT SOIL, AND MULCH LOSS UNTIL PERMANENT VEGETATION IS ESTABLISHED.
ROAD CLEANING: THE CONTRACTOR SHALL SWEEP ROADS DAILY, OR AS I NEEDED TO MAINTAIN CLEAN PAVED SURFACES AT ALL CONSTRUCTION ACCESS/EGRESS POINTS.
DUST CONTROL: THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS NEEDED TO PREVENT AIRBORNE DUST PARTICLES FROM LEAVING THE SITE. DUST CONTROL MEASURES SHALL CONSIST OF USE OF A WATER TRUCK EQUIPPED WITH A SPRAY-BAR THAT DISPENSATES THE WATER EVENLY OVER THE SURFACE.

PERMANENT STABILIZATION: GRASS, TREES, SHRUBS AND MULCHED PLANTING BEDS WILL BE CONSTRUCTED AND MAINTAINED IN LOCATIONS AS SHOWN ON THE DRAWINGS TO STABILIZE AREAS NOT WITHIN THE PARKING LOT/BUILDING FOOTPRINT. THE CONTRACTOR WILL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL FOR ONE YEAR AFTER COMPLETION.
 AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 1. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
 2. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 3. A MINIMUM OF 2" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED;
 4. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
 ALL ROADWAYS/PARKING AREAS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.

EXCAVATION DEWATERING
 SHOULD EXCAVATION DEWATERING BE REQUIRED, THE CONTRACTOR MUST INSURE THAT ANY EXCAVATION DEWATERING DISCHARGES ARE NOT CONTAMINATED. NOTE: THE WATER IS CONSIDERED UNCONTAMINATED IF THERE IS NO GROUNDWATER CONTAMINATION WITHIN 1,000 FEET OF THE DISCHARGE.
 THE CONTRACTOR MUST TREAT ANY UNCONTAMINATED EXCAVATION DEWATERING AS NECESSARY TO REMOVE SUSPENDED SOLIDS AND TURBIDITY DURING CONSTRUCTION. THE DISCHARGES MUST BE SAMPLED AT A LOCATION PRIOR TO MIXING WITH STORM WATER OR STREAM FLOW AT LEAST ONCE PER WEEK DURING WEEKS WHEN DISCHARGES OCCUR. THE SAMPLES MUST BE ANALYZED FOR TOTAL SUSPENDED SOLIDS (TSS) AND MUST MEET MONTHLY AVERAGE AND MAXIMUM DAILY TSS LIMITATIONS OF 50 MILLIGRAMS PER LITER (MGL), RESPECTIVELY.

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
 THE PROJECT IS SUBJECT TO THE REQUIREMENTS OF THE FEDERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION PERMIT, WHICH INCLUDES A WRITTEN STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PLAN FOR CONSTRUCTION. THE SWPPP PLAN SHALL OUTLINE DETAILED SPECIFICATIONS FOR IMPLEMENTATION, INSPECTION, AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. THE CONTRACTOR HAS SOLE RESPONSIBILITY FOR COMPLIANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN. THE CONTRACTOR IS RESPONSIBLE FOR AMENDING THE SWPPP ACCORDINGLY, AND SHALL BE RESPONSIBLE FOR ANY PENALTIES RESULTING FROM LACK OF COMPLIANCE.
SEED SPECIFICATIONS FOR TEMPORARY AND PERMANENT SEEDING
 GRASS SEED MIXES SHALL CONSIST OF THE MIXTURES AS DETAILED IN THE FOLLOWING TABLES, WITH 5% FERTILITY.

EROSION CONTROL SEED		
SEED	BY % MASS	% GERMINATION (MIN)
WINTER RYE (MON)	80 (MIN)	85
RED FESCUE (CREEPING)	4 (MIN)	80
PERENNIAL GRASS	1 (MIN)	80
RED CLOVER	1 (MIN)	90
OTHER CROP GRASS	0.5 (MAX)	
NON-DISEASE SEED	0.5 (MAX)	
INERT MATTER	1.0 (MAX)	

PERMANENT SEED MIX		
SEED	BY % MASS	% GERMINATION (MIN)
RED FESCUE (CREEPING)	55	85
PERENNIAL RYE GRASS	25	85
PERENNIAL RYE GRASS	10	85
RED TOP	10	85
LANDING CLOVER	5	85

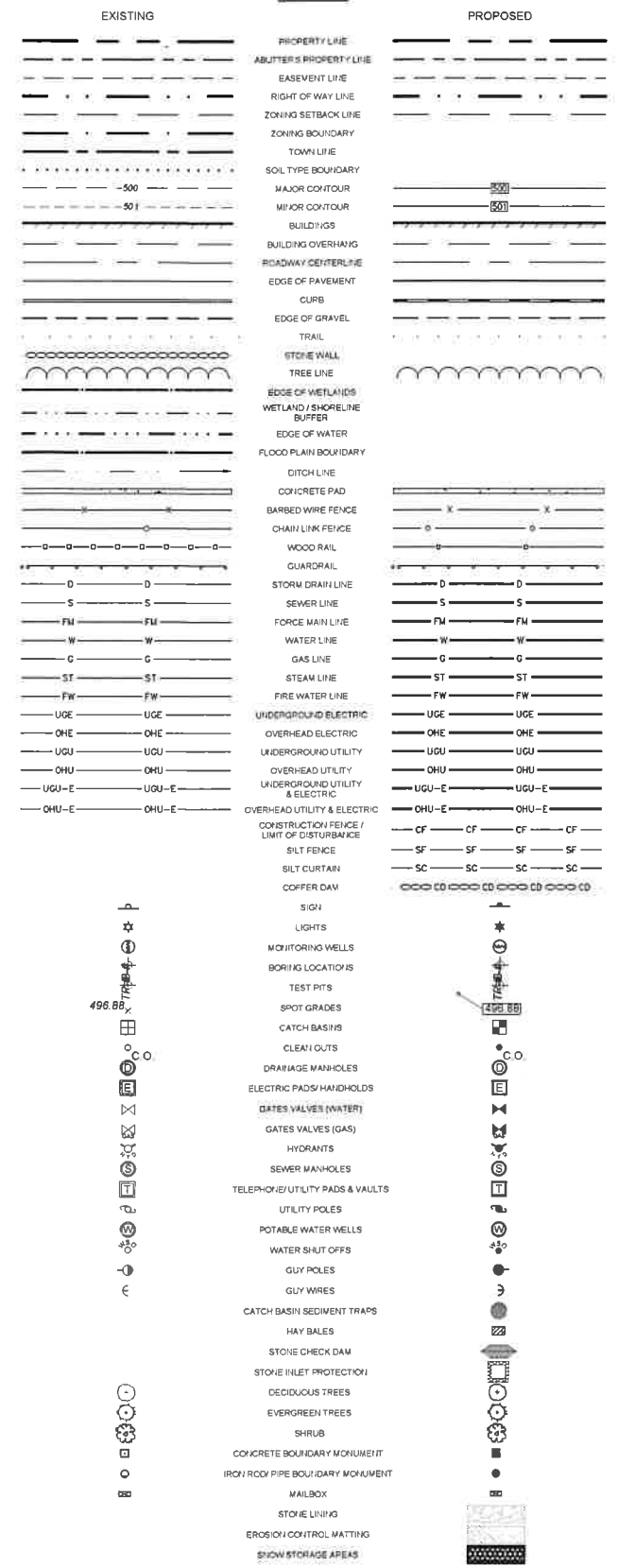
GENERAL NOTES

- THESE DRAWINGS SHOULD BE REVIEWED IN CONJUNCTION WITH THE ACCOMPANYING DESIGN REPORT ENTITLED "STORMWATER MANAGEMENT PLAN FOR SPAULDING YOUTH CENTER" DATED 03/16/2022 PREPARED BY WILCOX & BARTON, INC.
- EXISTING CONDITIONS, TOPOGRAPHICAL INFORMATION, NORTH ORIENTATION, NORTH ARROW, AND COORDINATE VALUES DEPICTED ON THESE DRAWINGS ARE BASED ON A PLAN TITLED "EXISTING CONDITIONS PLAN," DATED FEBRUARY 2022, BY T.F. BERNIER, INC.
- BUILDING FOOTPRINT REPRESENTS A FLOOR PLAN DATED MARCH 9, 2022, PROVIDED TO WILCOX & BARTON, INC. BY BANWELL ARCHITECTS. REFER TO ARCHITECTURAL/STRUCTURAL PLANS FOR FOUNDATION AND BUILDING DIMENSIONS.
- THESE DRAWINGS AND ACCOMPANYING TEXT HAVE BEEN PREPARED FOR SPAULDING YOUTH CENTER FOR REVIEW BY THE TOWN OF NORTHFIELD PLANNING BOARD, CODE ENFORCEMENT, PUBLIC WORKS, POLICE, AND EMERGENCY MANAGEMENT DEPARTMENT.
- THE CONTRACTOR SHALL OBTAIN APPROVED GENERAL PERMIT FOR STORM WATER DISCHARGES FOR CONSTRUCTION ACTIVITIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND IMPLEMENTING AN ENVIRONMENTAL PROTECTION AGENCY (EPA) STORM WATER POLLUTION PREVENTION PLAN PRIOR TO THE START OF CONSTRUCTION AND DURING CONSTRUCTION ON SITE IN ACCORDANCE WITH THE EPA REGULATIONS UNDER THE CLEAN WATER ACT. THE PURPOSE OF THESE DRAWINGS IS TO SHOW THE INSTALLATION OF TWO BUILDING ADDITIONS TO THE EXISTING SCHOOL BUILDING ON 87 SPAULDING RD. CONSTRUCTION INCLUDES A 1,400 SF ADDITION TO THE ADMINISTRATIVE SPACES, A 15,000 SF ADDITION FOR SUPPLEMENTARY SCHOOL SERVICES AND A DIRT/PAVING AREA, AN ADDITIONAL PARKING LOT, AND RELOCATION OF THE FACILITY'S ASSOCIATED UNDERGROUND UTILITIES AND SEPTIC.
- PROPOSED SITE IS BY SERVICED BY PRIVATE WATER AND SEWER.
- REFER TO CONSTRUCTION DETAIL SHEETS FOR ALL APPLICABLE SITE DETAILS.
- CONTRACTOR WILL NOTIFY ENGINEERS IMMEDIATELY IF SITE CONDITIONS DIFFER FROM WHAT IS SHOWN ON PLAN.
- ALL WORK PERFORMED ON BEHALF OF THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF NORTHFIELD CONSTRUCTION STANDARDS AND DETAILS, LATEST EDITION.
- PROJECT DATUM: H STATE PLANE COORDINATES NAD 83 (HORIZONTAL) NAD 83 (VERTICAL).
- ALL WORK SHALL BE PERFORMED IN A FIRST CLASS MANNER, AND IN ACCORDANCE WITH STATE CODE (IRC 2015 WITH LATEST SUPPLEMENTS), AND LOCAL CODES AND ORDINANCES.
- ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL CONTACT DIG-SAFE (1-888-DIG-SAFE) AT LEAST 72 HOURS AND LESS THAN 30 DAYS PRIOR TO STARTING CONSTRUCTION AND SHALL VERIFY ALL UTILITY LOCATIONS IN THE FIELD. CONTRACTOR IS RESPONSIBLE FOR ADEQUATE BRACING OF WALLS AND/OR SHORING OF EXCAVATIONS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS AND SUBMITTALS BEFORE SUBMISSION TO THE ENGINEER, THUS PROVIDING ANY INFORMATION REQUIRED OF THE FABRICATOR SUCH AS FIELD DIMENSIONS, ELEVATIONS, ETC. OTHERWISE THE SHOP DRAWINGS OR SUBMITTALS WILL BE REJECTED UNTIL SUCH INFORMATION IS FURNISHED BY THE CONTRACTOR.
- GENERAL BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT, ASTM D1557.
- UPON COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL SUBMIT AS BUILT DRAWINGS TO SPAULDING YOUTH CENTER, INC.

2. MATERIAL SPECIFICATIONS

- MATERIALS NOT SPECIFIED HEREIN SHALL MEET OR EXCEED NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION (NHDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- GENERAL FILL SHALL BE A COMPACTABLE SAND OR GRAVEL REASONABLY FREE FROM LOAM, SILT, CLAY AND ORGANIC MATERIALS AND SHALL HAVE 0-20 PERCENT PASSING #10, 100 SIEVE AND 40-100 PERCENT PASSING #40 SIEVE.
- BANK RUN GRAVEL SHALL BE FREE FROM LOAM, SILT, CLAY AND ORGANIC MATERIALS AND SHALL HAVE 100 PERCENT PASSING A 3/8" SIEVE, 20-75 PERCENT PASSING A #10, 4 SIEVE, 0-12 PERCENT PASSING A #100 SIEVE AND 0-4 PERCENT PASSING A #200 SIEVE.
- CRUSHED BANK RUN GRAVEL SHALL BE FREE FROM LOAM, SILT, CLAY AND ORGANIC MATERIALS AND SHALL HAVE 100 PERCENT PASSING A 3/8" SIEVE, 90-100 PERCENT PASSING A 1/2" SIEVE, 30-65 PERCENT PASSING A #10, 4 SIEVE, 0-12 PERCENT PASSING A #100 SIEVE AND 0-8 PERCENT PASSING A #200 SIEVE.

LEGEND



STANDARD ABBREVIATIONS

- BCC - BITUMINOUS CONCRETE CURB
- VGC - VERTICAL GRANITE CURB
- SGC - SLOPED GRANITE CURB
- CDC - CAST-IN-PLACE CONCRETE CURB
- PCC - PRECAST CONCRETE CURB
- ICC - INTEGRAL CONCRETE CURB
- ROC - REINFORCED CONCRETE CURB
- BCP - BITUMINOUS CONCRETE PAVEMENT
- GRV - GRAVEL DRIVE SURFACE
- PCV - PORTLAND CEMENT CONCRETE SIDEWALK
- BCS - BITUMINOUS CONCRETE SIDEWALK
- CB - CATCH BASIN
- DMH - DRAINAGE MANHOLE
- SMH - SEWER MANHOLE

PERMITTING

ALL DOCUMENTS PREPARED BY WILCOX & BARTON, INC. ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR REUSE BY OWNER OR OTHERS. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY WILCOX & BARTON, INC. FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO WILCOX & BARTON, INC. OWNER SHALL INDENTIFY AND HOLD HARMLESS WILCOX & BARTON, INC. FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

SPAULDING YOUTH CENTER A.K.A. SPAULDING ACADEMY AND FAMILY SERVICES
 72 SPAULDING ROAD NORTHFIELD, NH
SPAULDING ACADEMY SCHOOL EXPANSION
 72 SPAULDING ROAD NORTHFIELD, NH
 MAP R10, LOT 3

NOTES & LEGEND

SCALE: N.T.S. DATE: 03/17/2022
 CRAFTED BY: RSR CHECKED BY: ERL PROJECT MGR: ERL PROJECT NO: SPYC0001
 SHEET NO: **C0.2**
 02 OF 13
 STATE OF NEW HAMPSHIRE
 ERIN R. LAMBERT
 No. 1105
 LICENSED PROFESSIONAL ENGINEER
 ENGINEER ERIN R. LAMBERT
 NH P.E. #11057

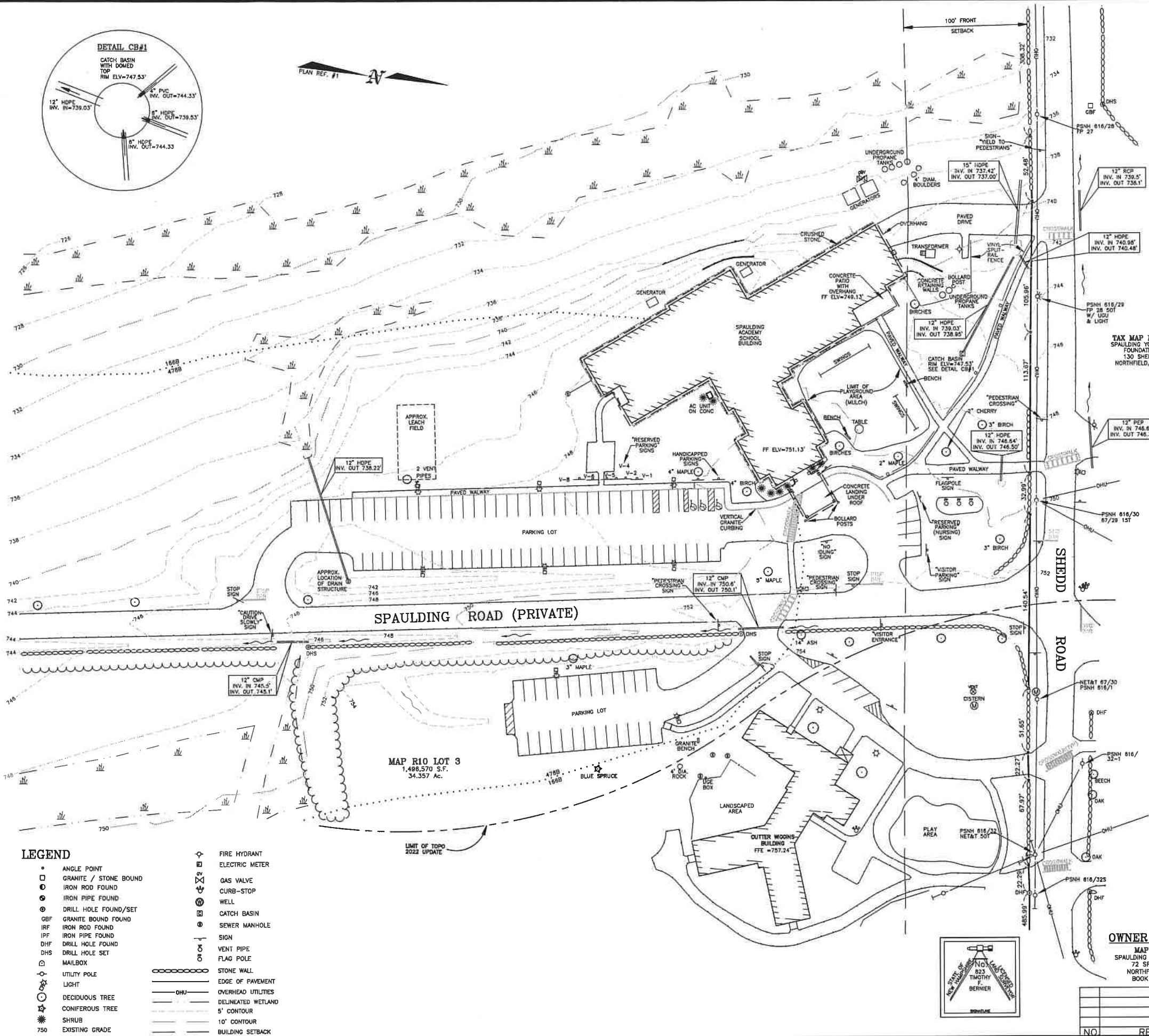


NOTES

1. THE PURPOSE OF THIS PLAN IS TO SHOW THE EXISTING CONDITIONS OF THE SPAULDING ACADEMY SCHOOL BUILDING AND SURROUNDING AREA LOCATED ON LOT 3 AS SHOWN ON THE TOWN OF NORTHFIELD ASSESSOR'S MAP R10.
2. THE SUBJECT PARCEL LIES IN A "CONS" CONSERVATION DISTRICT PER THE TOWN OF NORTHFIELD ZONING ORDINANCE. DIMENSIONAL REQUIREMENTS ARE AS FOLLOWS:
 FRONTAGE: 250 FEET
 BUILDING SETBACKS:
 FRONT: 100 FEET
 SIDE: 50 FEET
 REAR: 50 FEET
 MAX BUILDING HEIGHT: 3 STORIES
3. THIS PLAN IS THE RESULT OF AN ACTUAL FIELD SURVEY MADE ON THE GROUND BY THIS OFFICE IN JANUARY 2022 USING A TOTAL STATION. THIS SURVEY WAS COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF A STANDARD PROPERTY SURVEY AS DEFINED IN THE NH CODE OF ADMINISTRATIVE RULES LAM 500.
4. THE WETLANDS SHOWN HEREON WERE DELINEATED IN THE FIELD UNDER THE SUPERVISION OF TIMOTHY F. BERNIER CWS #052 IN DECEMBER 2021 IN ACCORDANCE WITH ENR-WH 406.01.

SOILS LEGEND

- 168B - CANTERBURY FINE SANDY LOAM, 3-8% SLOPES
- 478B - GILMANTON FINE SANDY LOAM, 3-8% SLOPES



EXISTING CONDITIONS PLAN
 LAND OF
SPAULDING YOUTH CENTER, INC

ASSESSORS MAP R10 LOT 3
 72 SPAULDING ROAD
 NORTHFIELD, NEW HAMPSHIRE
 SCALE: 1"=40' DATE: FEBRUARY 2022
 SHEET 2 OF 2

OWNER OF RECORD

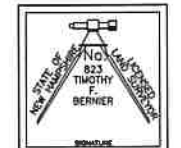
MAP R10 LOT 3
 SPAULDING YOUTH CENTER, INC
 72 SPAULDING ROAD
 NORTHFIELD, NH 03229
 BOOK 848 PAGE 39



T. F. BERNIER, INC.
 Land Surveyors - Designers - Consultants
 50 PLEASANT STREET - P.O. BOX 3484
 CONCORD, NEW HAMPSHIRE 03302-3484
 Tel:(603)224-4148 - Fax:(603)224-0507

LEGEND

- ANGLE POINT
- GRANITE / STONE BOUND
- IRON ROD FOUND
- ⊙ IRON PIPE FOUND
- ⊕ DRILL HOLE FOUND/SET
- GBF GRANITE BOUND FOUND
- IRF IRON ROD FOUND
- IPF IRON PIPE FOUND
- DHF DRILL HOLE FOUND
- DHS DRILL HOLE SET
- MAILBOX
- UTILITY POLE
- LIGHT
- DECIDUOUS TREE
- ★ CONIFEROUS TREE
- ✱ SHRUB
- 750 EXISTING GRADE
- FIRE HYDRANT
- ELECTRIC METER
- GAS VALVE
- CURB-STOP
- WELL
- CATCH BASIN
- SEWER MANHOLE
- SIGN
- VENT PIPE
- FLAG POLE
- STONE WALL
- EDGE OF PAVEMENT
- OVERHEAD UTILITIES
- DELINEATED WETLAND
- 5' CONTOUR
- 10' CONTOUR
- BUILDING SETBACK



NO.	REVISION	DATE

DESIGNED BY	DRAWN BY	CHECKED BY	F.B.	PG.	JOB #
T.F.B.	T.F.B.	T.F.B.			406-02

DRAWN BY: T.F.B.
 D2_ExistCon_2022.dwg

PREVIOUS HISTORY

ISSUED FOR

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SPAULDING YOUTH CENTER A.K.A. SPAULDING ACADEMY AND FAMILY SERVICES

72 SPAULDING ROAD
NORTHFIELD, NH

SPAULDING ACADEMY SCHOOL EXPANSION

72 SPAULDING ROAD
NORTHFIELD, NH

MAP R10, LOT 3

DRAWING TITLE

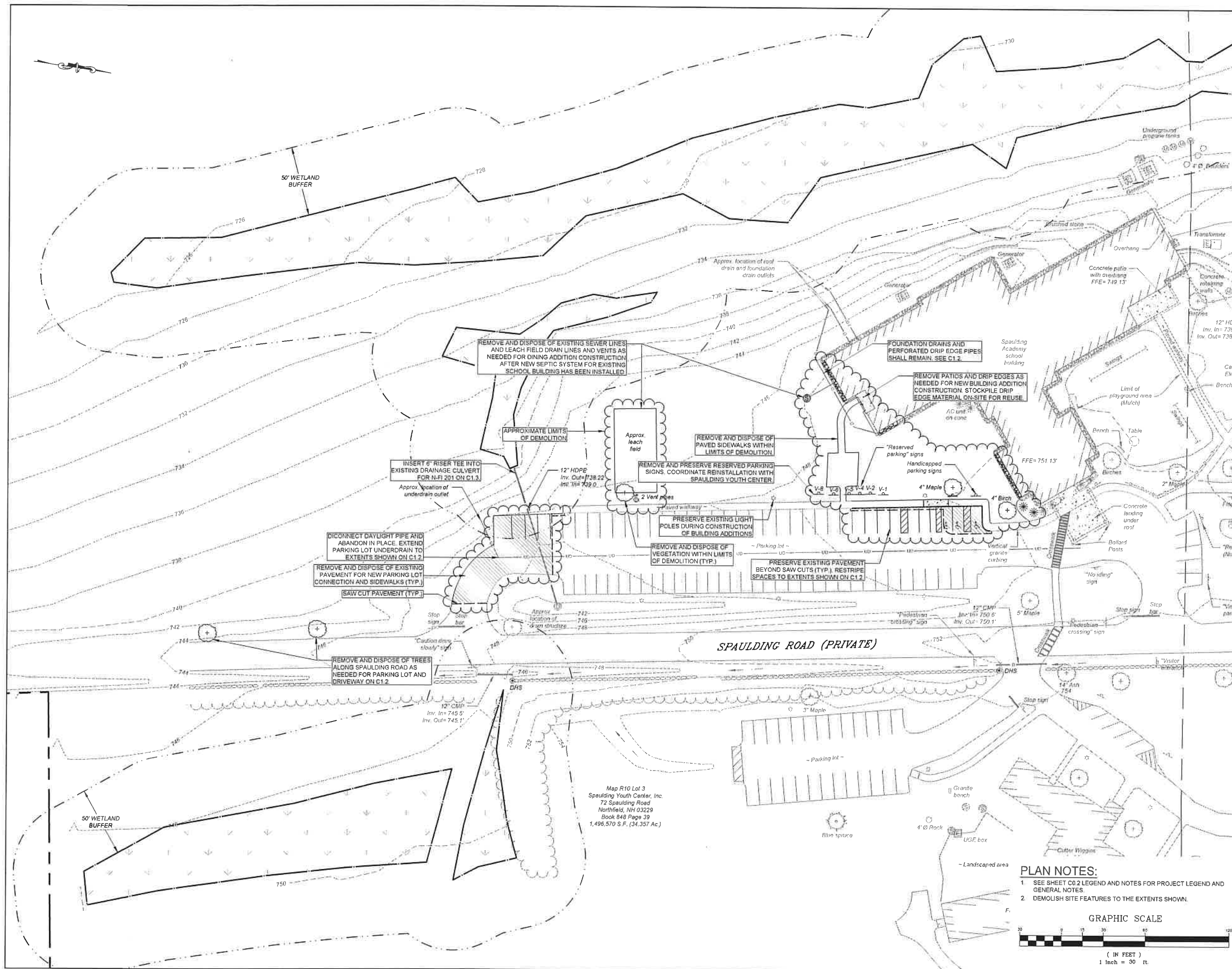
DEMOLITION PLAN

SCALE	1" = 30'	DATE	03/17/2022
DRAWN BY	RSR	CHECKED BY	ERL
PROJECT MGR	ERL	PROJECT NO.	SPYC0011
SHEET NO.		C1.1	

STATE OF NEW HAMPSHIRE
ERL LAMBERT
No. 11657
LICENSED PROFESSIONAL ENGINEER
ENGINEER ERIK R. LAMBERT
NH P.E. #11057

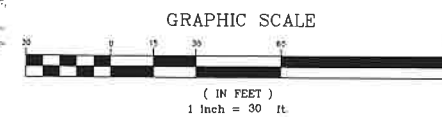
C1.1

05 OF 13






Map R10 Lot 3
Spaulding Youth Center, Inc.
72 Spaulding Road
Northfield, NH 03229
Book 848 Page 39
1,496,570 S.F. (34.357 Ac.)

- PLAN NOTES:**
- SEE SHEET C0.2 LEGEND AND NOTES FOR PROJECT LEGEND AND GENERAL NOTES.
 - DEMOLISH SITE FEATURES TO THE EXTENTS SHOWN.

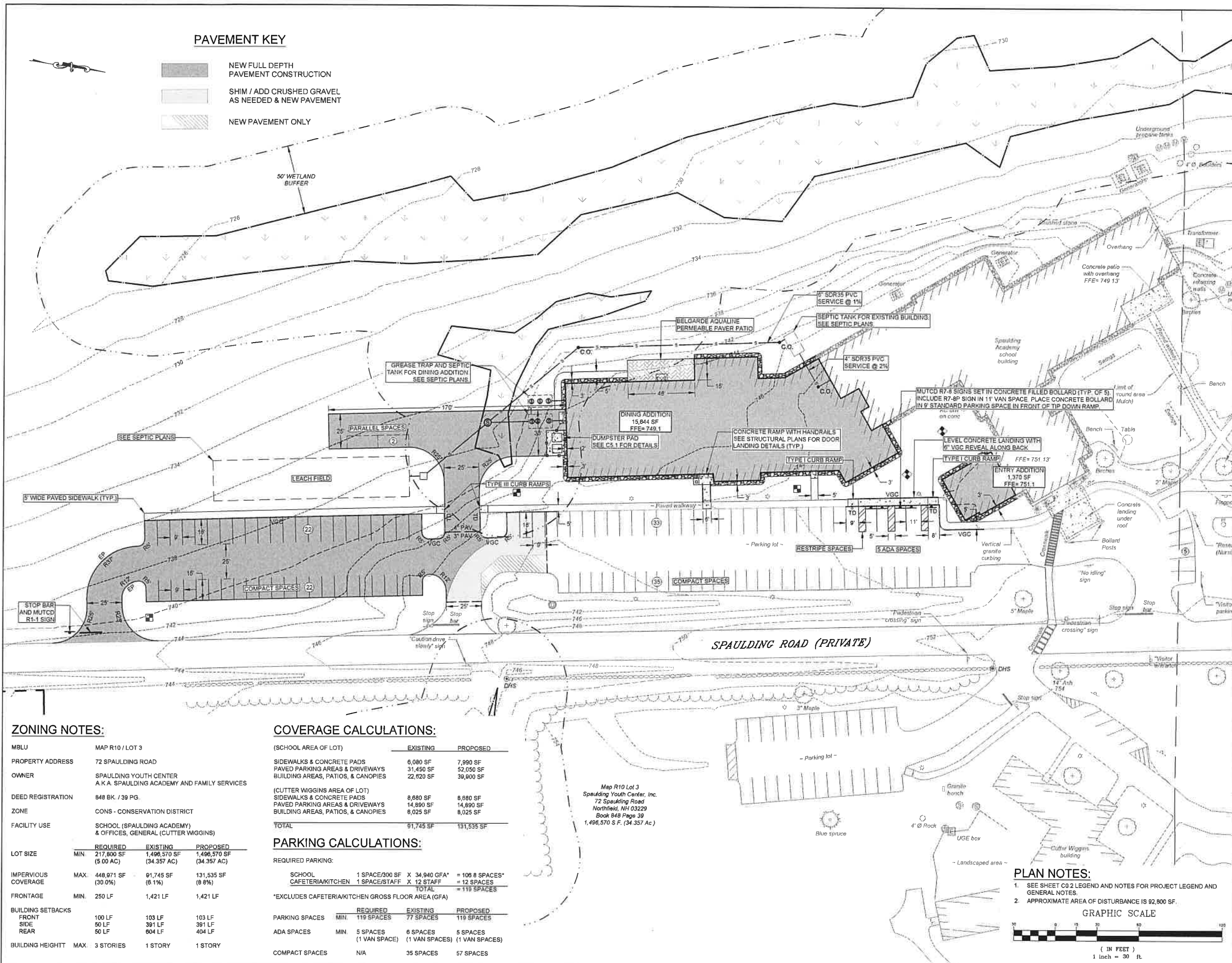


PAVEMENT KEY

-  NEW FULL DEPTH PAVEMENT CONSTRUCTION
-  SHIM / ADD CRUSHED GRAVEL AS NEEDED & NEW PAVEMENT
-  NEW PAVEMENT ONLY

Wilcox & Barton INC.
 CIVIL · ENVIRONMENTAL · GEOTECHNICAL

2 CAPITAL PLAZA, SUITE 305
 CONCORD, NH 03301
 603-369-4190
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72 SPAULDING ROAD
 NORTHFIELD, NH

MAP R10, LOT 3

SITE PLAN

SCALE 1" = 30'

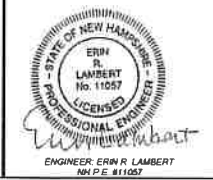
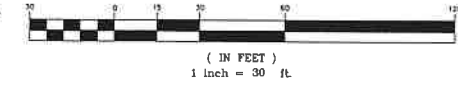
DATE 03/17/2022

DRAWN BY RSR CHECKED BY ERL PROJECT MGR ERL PROJECT ID SPYC0001

PLAN NOTES:

- SEE SHEET C02 LEGEND AND NOTES FOR PROJECT LEGEND AND GENERAL NOTES.
- APPROXIMATE AREA OF DISTURBANCE IS 92,800 SF.

GRAPHIC SCALE



C1.2

ZONING NOTES:

MBLU	MAP R10 / LOT 3		
PROPERTY ADDRESS	72 SPAULDING ROAD		
OWNER	SPAULDING YOUTH CENTER A.K.A. SPAULDING ACADEMY AND FAMILY SERVICES		
DEED REGISTRATION	848 BK / 39 PG.		
ZONE	CONS - CONSERVATION DISTRICT		
FACILITY USE	SCHOOL (SPAULDING ACADEMY) & OFFICES, GENERAL (CUTTER WIGGINS)		
LOT SIZE	REQUIRED	EXISTING	PROPOSED
	MIN 217,800 SF (5.00 AC)	1,496,570 SF (34.357 AC)	1,496,570 SF (34.357 AC)
IMPERVIOUS COVERAGE	MAX. 448,971 SF (30.0%)	91,745 SF (6.1%)	131,535 SF (8.8%)
FRONTAGE	MIN. 250 LF	1,421 LF	1,421 LF
BUILDING SETBACKS			
FRONT	100 LF	103 LF	103 LF
SIDE	50 LF	391 LF	391 LF
REAR	50 LF	604 LF	404 LF
BUILDING HEIGHT	MAX. 3 STORIES	1 STORY	1 STORY

COVERAGE CALCULATIONS:

(SCHOOL AREA OF LOT)	EXISTING	PROPOSED
SIDEWALKS & CONCRETE PADS	6,080 SF	7,990 SF
PAVED PARKING AREAS & DRIVEWAYS	31,450 SF	52,050 SF
BUILDING AREAS, PATIOS, & CANOPIES	22,620 SF	39,800 SF
(CUTTER WIGGINS AREA OF LOT)		
SIDEWALKS & CONCRETE PADS	8,880 SF	8,880 SF
PAVED PARKING AREAS & DRIVEWAYS	14,890 SF	14,890 SF
BUILDING AREAS, PATIOS, & CANOPIES	8,025 SF	8,025 SF
TOTAL	91,745 SF	131,535 SF

PARKING CALCULATIONS:

REQUIRED PARKING:

SCHOOL 1 SPACE/300 SF X 34,940 GFA* = 106.8 SPACES*

CAFETERIA/KITCHEN 1 SPACE/STAFF X 12 STAFF = 12 SPACES

TOTAL = 119 SPACES

*EXCLUDES CAFETERIA/KITCHEN GROSS FLOOR AREA (GFA)

PARKING SPACES	REQUIRED	EXISTING	PROPOSED
MIN.	119 SPACES	77 SPACES	119 SPACES
ADA SPACES	MIN. 5 SPACES (1 VAN SPACE)	6 SPACES (1 VAN SPACE)	5 SPACES (1 VAN SPACE)
COMPACT SPACES	N/A	35 SPACES	57 SPACES

Map R10 Lot 3
 Spaulding Youth Center, Inc.
 72 Spaulding Road
 Northfield, NH 03229
 Book 848 Page 39
 1,496,570 S.F. (34.357 Ac)

REVISION HISTORY

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NORTHFIELD, NH

SPAULDING ACADEMY SCHOOL EXPANSION

72 SPAULDING ROAD
NORTHFIELD, NH

MAP R10, LOT 3

DRAWING TITLE

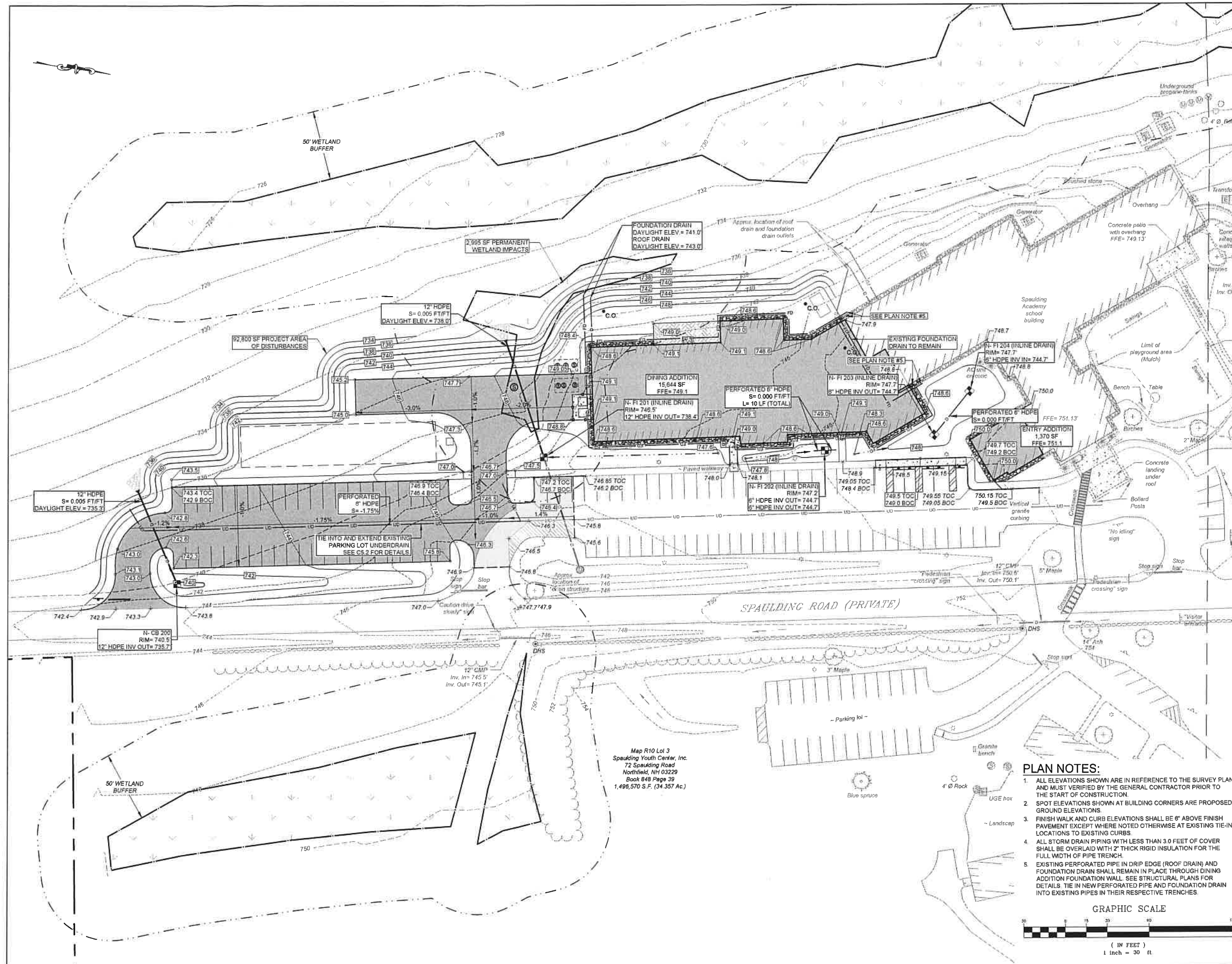
GRADING & DRAINAGE PLAN

SCALE	DATE
1" = 30'	03/17/2022
DRAFTED BY	CHECKED BY
RSR	ERL
PROJECT MGR	PROJECT NO.
ERL	SPYC0001

STATE OF NEW HAMPSHIRE
ERIN LAMBERT
No. 11057
PROFESSIONAL ENGINEER
www.wilcoxandbarton.com
ENGINEER ERIN R. LAMBERT
NH P.E. #11057

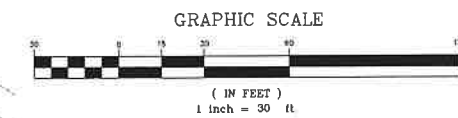
C1.3

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Map R10 Lot 3
Spaulding Youth Center, Inc.
72 Spaulding Road
Northfield, NH 03229
Book 848 Page 39
1,496,570 S.F. (34.357 Ac.)

- PLAN NOTES:**
- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE SURVEY PLAN AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
 - SPOT ELEVATIONS SHOWN AT BUILDING CORNERS ARE PROPOSED GROUND ELEVATIONS.
 - FINISH WALK AND CURB ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT EXCEPT WHERE NOTED OTHERWISE AT EXISTING TIE-IN LOCATIONS TO EXISTING CURBS.
 - ALL STORM DRAIN PIPING WITH LESS THAN 3.0 FEET OF COVER SHALL BE OVERLAID WITH 2" THICK RIGID INSULATION FOR THE FULL WIDTH OF PIPE TRENCH.
 - EXISTING PERFORATED PIPE IN DRIP EDGE (ROOF DRAIN) AND FOUNDATION DRAIN SHALL REMAIN IN PLACE THROUGH DINING ADDITION FOUNDATION WALL. SEE STRUCTURAL PLANS FOR DETAILS. TIE IN NEW PERFORATED PIPE AND FOUNDATION DRAIN INTO EXISTING PIPES IN THEIR RESPECTIVE TRENCHES.



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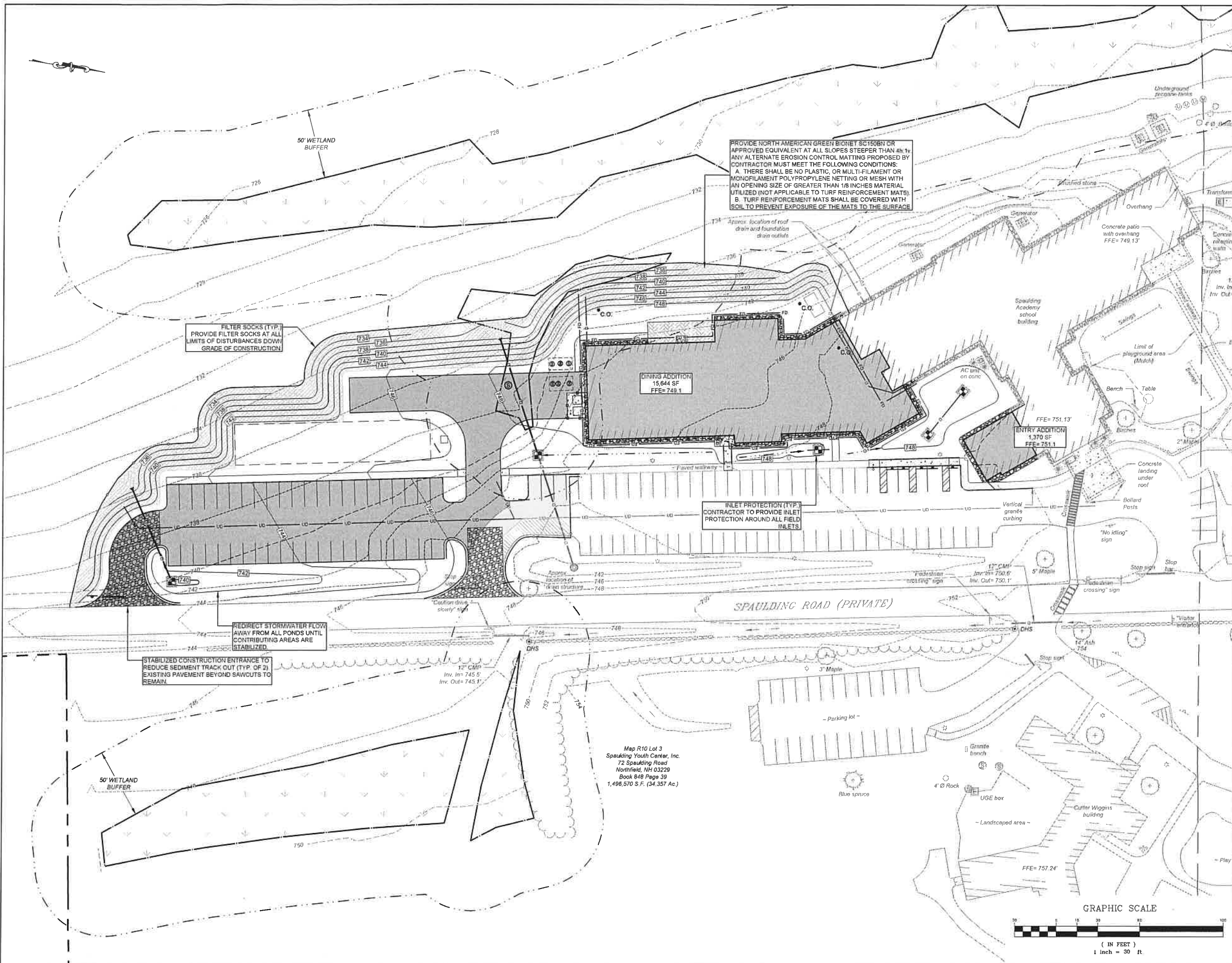
72 SPAULDING ROAD
NORTHFIELD, NH

MAP R10, LOT 3

EROSION CONTROL PLAN

SCALE	DATE		
1" = 30'	03/17/2022		
DRAFTED BY	CHECKED BY	PROJECT MGR	PROJECT NO
RSR	ERL	ERL	SPYC0001

STATE OF NEW HAMPSHIRE
ERIN R. LAMBERT
No. 11057
LICENSED PROFESSIONAL ENGINEER
C1.4
08 OF 13



PROVIDE NORTH AMERICAN GREEN BIONET SC150BN OR APPROVED EQUIVALENT AT ALL SLOPES STEEPER THAN 4h:1v. ANY ALTERNATE EROSION CONTROL MATTING PROPOSED BY CONTRACTOR MUST MEET THE FOLLOWING CONDITIONS:
A. THERE SHALL BE NO PLASTIC, OR MULTI-FILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH WITH AN OPENING SIZE OF GREATER THAN 1/8 INCHES MATERIAL UTILIZED (NOT APPLICABLE TO TURF REINFORCEMENT MATS).
B. TURF REINFORCEMENT MATS SHALL BE COVERED WITH SOIL TO PREVENT EXPOSURE OF THE MATS TO THE SURFACE.

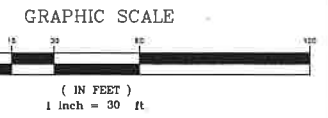
FILTER SOCKS (TYP.) PROVIDE FILTER SOCKS AT ALL LIMITS OF DISTURBANCES DOWN GRADE OF CONSTRUCTION.

INLET PROTECTION (TYP.) CONTRACTOR TO PROVIDE INLET PROTECTION AROUND ALL FIELD INLETS.

REDIRECT STORMWATER FLOW AWAY FROM ALL PONDS UNTIL CONTRIBUTING AREAS ARE STABILIZED.

STABILIZED CONSTRUCTION ENTRANCE TO REDUCE SEDIMENT TRACK OUT (TYP. OF 2) EXISTING PAVEMENT BEYOND SAWCUTS TO REMAIN.

Map R10 Lot 3
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MAP R10, LOT 3

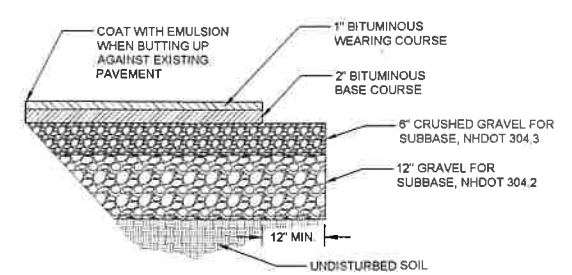
CONSTRUCTION DETAILS

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DRAFTED BY	RSR	CHECKED BY	ERL
PROJECT MGR	ERL	PROJECT NO.	SPYC0001

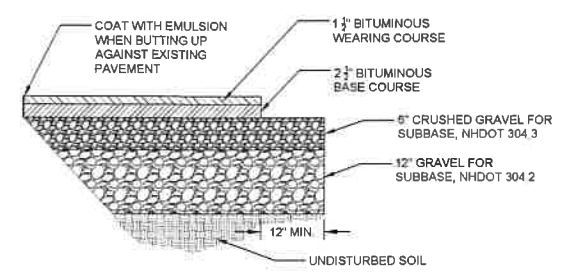
STATE OF NEW HAMPSHIRE
ERIN R. LAWBERT
No. 11057
LICENSED PROFESSIONAL ENGINEER
ENGINEER: ERIN R. LAWBERT
NH P.E. #11057

C5.1

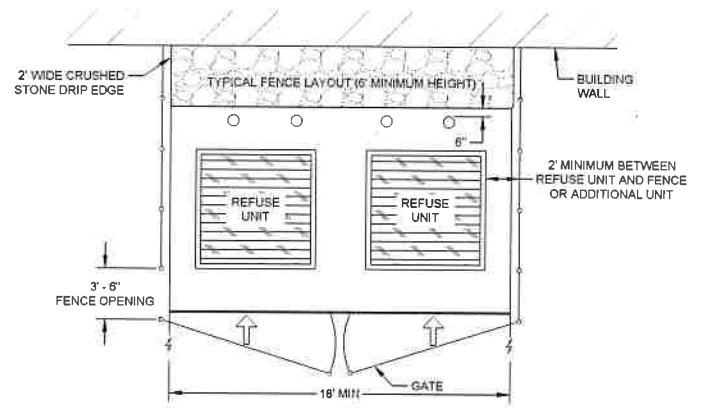
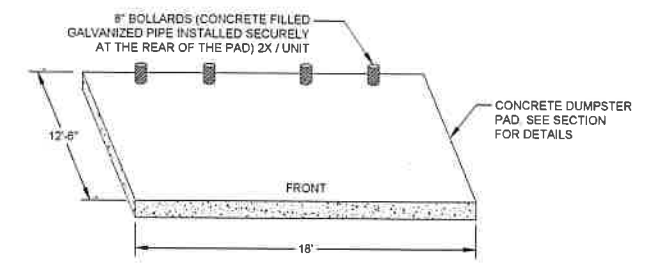
09 OF 13



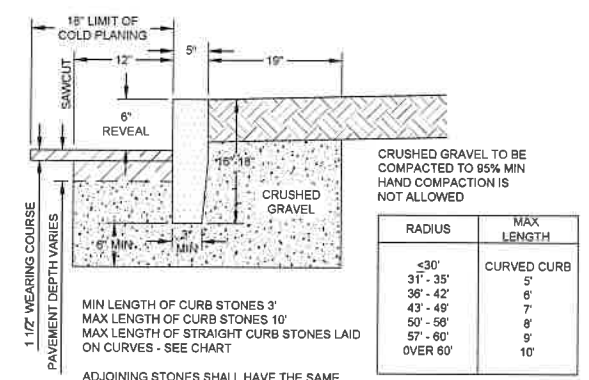
3" PARKING LOT AND DRIVEWAY PAVEMENT SECTION
NOT TO SCALE



4" LOADING AREA PAVEMENT SECTION
NOT TO SCALE

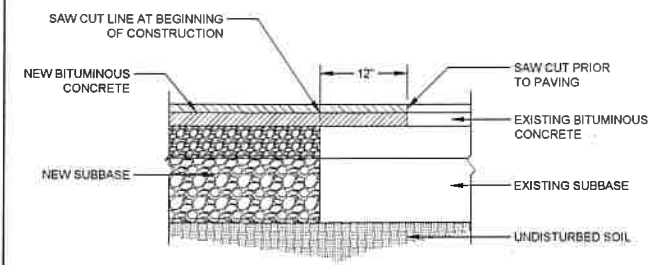


DUMPSTER PAD ENCLOSURE LAYOUT
NOT TO SCALE

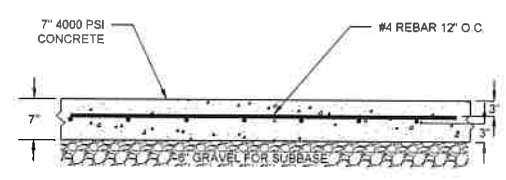


FINISH SURFACE AND TOLERANCES FOR VERTICAL GRANITE CURB		
AREA	FINISH SURFACE	TOLERANCE
TOP	5" WIDE OR AS OTHERWISE SHOWN, SAWN TRUE PLANE.	+1/8" TO +1/2"
	FRONT AND BACK ARRIS LINES PITCHED STRAIGHT AND PARALLEL.	+1/8" TO +1/2"
FRONT FACE	RIGHT ANGLE TO TOP, APPROXIMATELY TRUE PLANE. NO DRILL HOLES SHOWING IN TOP 10"	+1" TO -3/4"
	PLANE PARALLEL WITH FRONT FACE. STRAIGHT SPLIT TO 1 1/2" BELOW EXPOSED SURFACE. NO LARGER THAN 1/2" SEGMENT OF DRILL HOLES SHOWING IN ARRIS LINES.	+1" TO -1"
CONCEALED	BELOW 1 1/2" FROM EXPOSED SURFACE.	+1 1/2" TO -1 1/2"
BOTTOM	APPROXIMATELY PARALLEL TO TOP. MINIMUM WIDTH: 3"	SEE PLANS
ENDS EXPOSED PORTION	SQUARE WITH PLANES OF TOP AND FACE	
JOINTS EXPOSED	OPTIMUM WIDTH: 1"	
	CONCEALED	TO BREAK BACK NO MORE THAN 4"

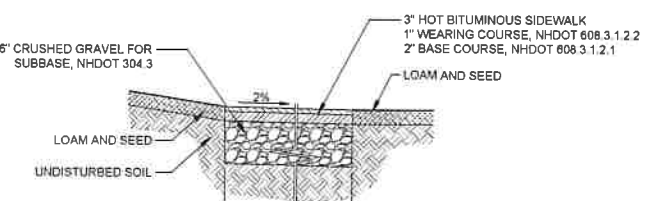
VERTICAL GRANITE CURB
NOT TO SCALE



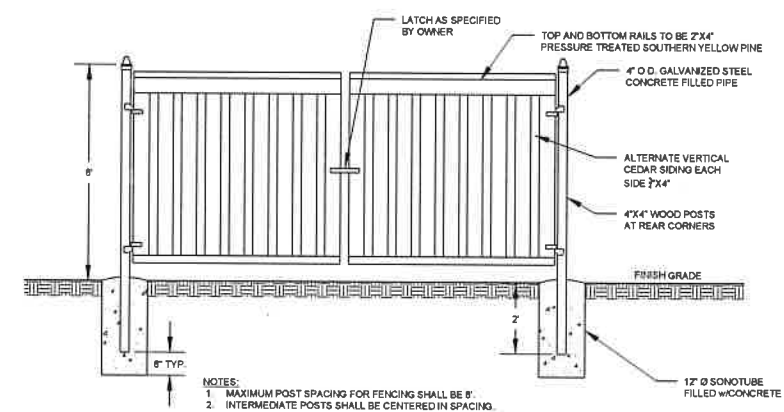
PAVEMENT JOINT SECTION
NOT TO SCALE



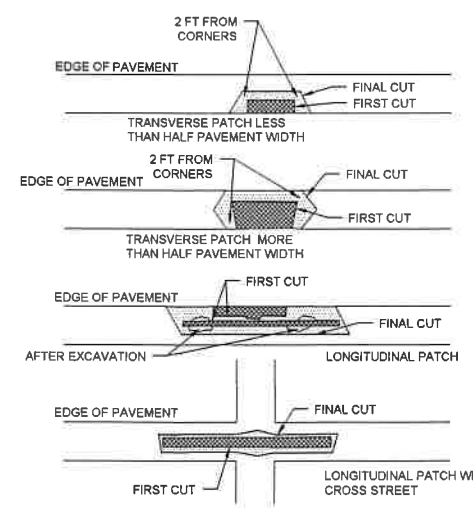
CONCRETE DUMPSTER PAD
NOT TO SCALE



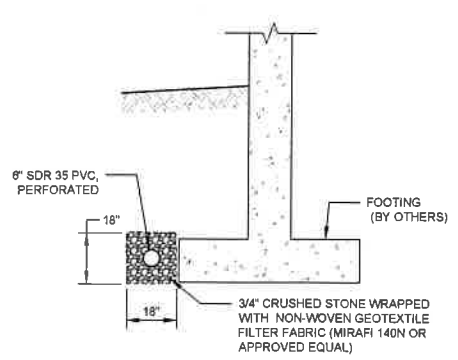
3" BITUMINOUS SIDEWALK SECTION
NOT TO SCALE



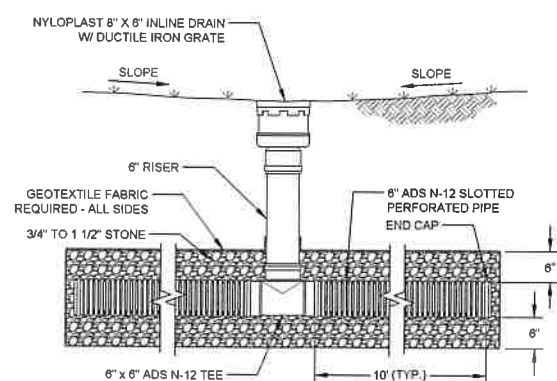
TYPICAL DUMPSTER FENCE
NOT TO SCALE



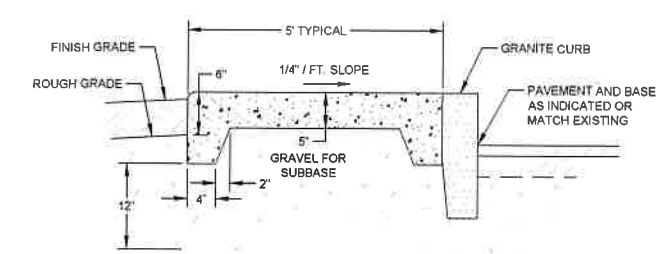
SAWCUT DETAIL
NOT TO SCALE



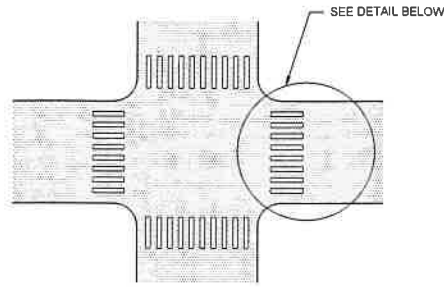
FOUNDATION DRAIN
NOT TO SCALE



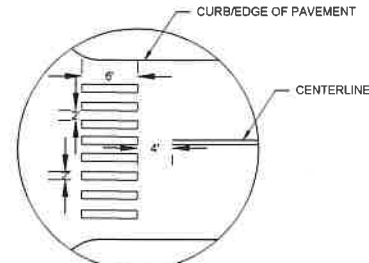
FIELD INLET INFILTRATION DETAIL
NOT TO SCALE



CONCRETE SIDEWALK WITH GRANITE CURB SECTION
NOT TO SCALE



CROSSWALK MARKING WITH LONGITUDINAL LINES



CROSSWALK DETAIL

GENERAL NOTES:

1. TRANSVERSE CROSSWALK LINES SHALL BE SOLID WHITE LINES NOT LESS THAN 2" WIDE AND NOT LESS THAN 2' APART.

CROSSWALK DETAIL

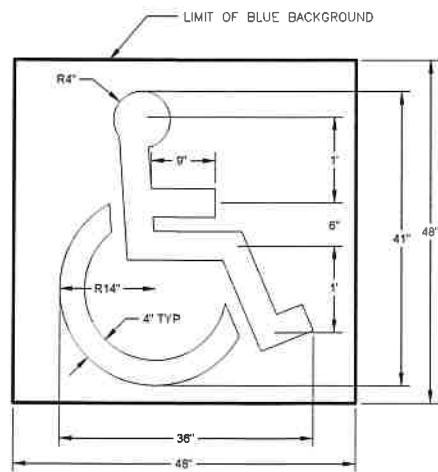
NOT TO SCALE

M.U.T.C.D. NUMBER	SPECIFICATION WIDTH	SPECIFICATION HEIGHT	MOUNTING HEIGHT	SIGN
R1-1	30"	30"	7'-0"	
R7-8	12"	18"	7'-0"	
R7-8P	12"	6"	6'-3"	
R7-1	12"	18"	7'-0"	

NOTE:
MOUNTING HEIGHT IS THE CLEARANCE OF THE BOTTOM OF THE SIGN TO THE NEAREST EDGE OF PAVEMENT.

SIGN SUMMARY

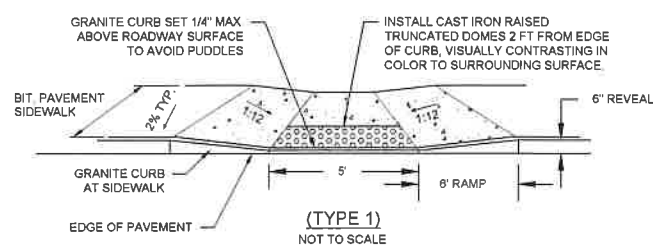
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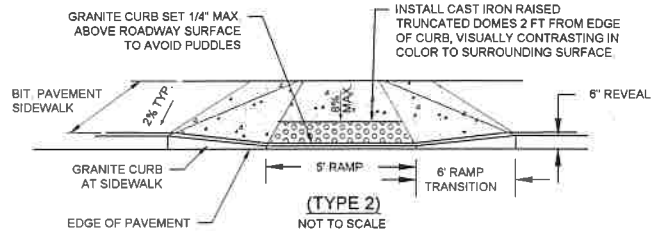
- NOTE:
1. SYMBOL TO CONFORM WITH FIGURE 3B 22 OF THE MUTCD (DEC. 2009) EXCEPT AS OTHERWISE INDICATED. REFER TO THE PAVEMENT MARKINGS NOTES ON THE SITE LAYOUT PLANS.
 2. SYMBOL SHALL BE WHITE WITH A SOLID BLUE BACKGROUND.

ACCESSIBLE PARKING SYMBOL PAVEMENT MARKING

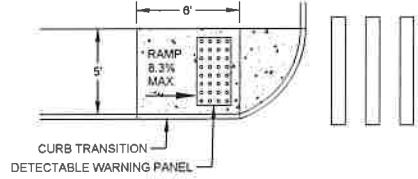
NOT TO SCALE



(TYPE 1)
NOT TO SCALE



(TYPE 2)
NOT TO SCALE



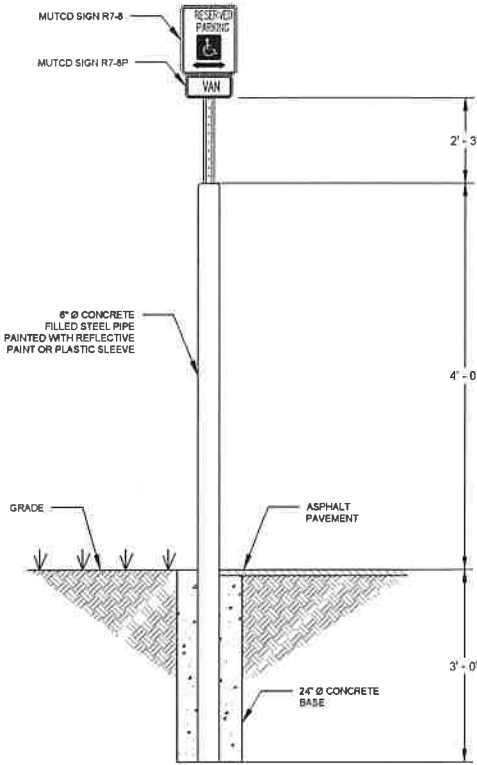
(TYPE 3)
NOT TO SCALE

NOTES:

1. RAMPS AND LEVEL LANDING TO BE REINFORCED CONCRETE.
2. CONCRETE TO BE 6" THICK. CONCRETE TO BE TYPE II PORTLAND CEMENT, 4,000 PSI.
3. CONCRETE REINFORCING TO BE WELDED WIRE FABRIC, 6"x6" W2 9xW2 9. MAINTAIN 2" CLEARANCE (TYP) BETWEEN ALL CONCRETE EDGES AND WIRE FABRIC.
4. SUBBASE BELOW CONCRETE TO BE 6" THICK. SUBBASE MATERIAL TO BE CRUSHED GRAVEL.

ACCESSIBLE RAMP DETAIL

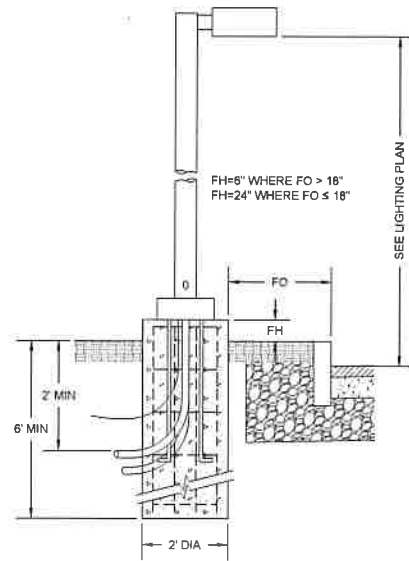
NOT TO SCALE



- NOTES:
1. A PRECAST BOLLARD WHICH MEETS THE SPECIFIED DIMENSIONS MAY ALSO BE USED.

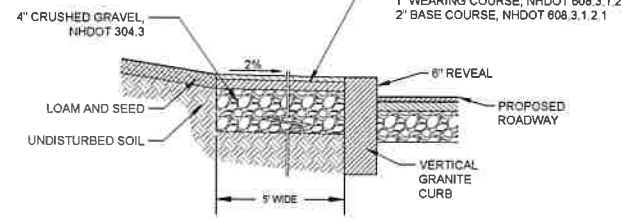
TRAFFIC BOLLARD WITH ADA SPACE SIGN

NOT TO SCALE



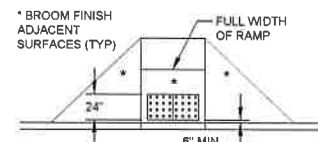
TYPICAL LIGHT POLE AND FOUNDATION
NOT TO SCALE

THIS INFORMATION MAY NOT CONTAIN ALL DETAILS REQUIRED FOR CONSTRUCTION. APPROPRIATE MODIFICATION MAY BE REQUIRED TO ENSURE SUITABILITY OF THESE DRAWINGS FOR THE SPECIFIC APPLICATION. IT IS THE USER'S RESPONSIBILITY TO ENSURE INSTALLATION OF THE EQUIPMENT/SYSTEM IN ACCORDANCE WITH BUILDING/PROJECT SPECIFICATIONS, APPLICABLE CODES AND STANDARDS.



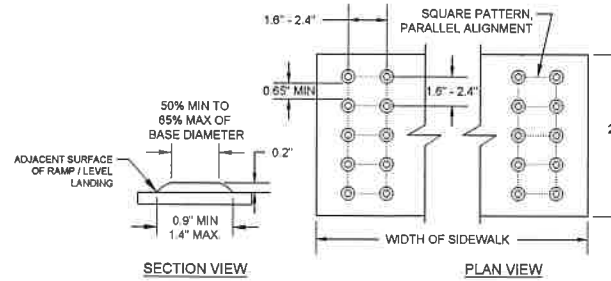
TYPICAL BITUMINOUS SIDEWALK SECTION WITH VERTICAL GRANITE CURBING

NOT TO SCALE



DETECTABLE WARNING PAD PLACEMENT

NOT TO SCALE



SECTION VIEW

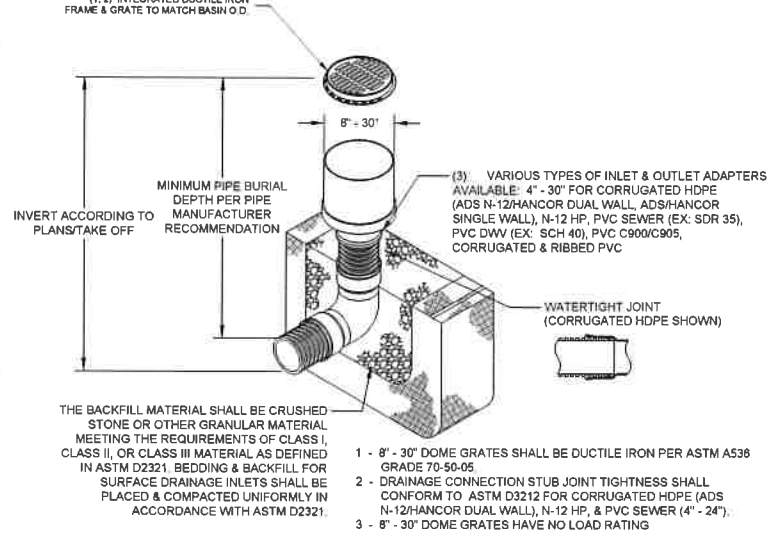
PLAN VIEW

NOTE:

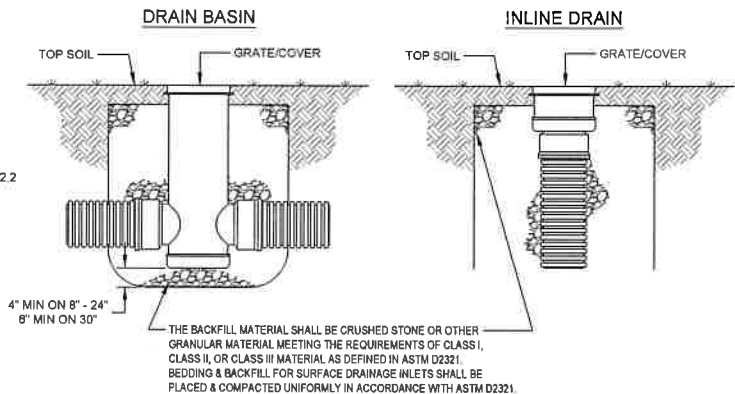
1. DETECTABLE WARNING SURFACES SHALL BE CAST IRON WITHIN THE CITY R.O.W.
2. CONCRETE ADJACENT TO ALL DETECTABLE WARNINGS SHALL HAVE A BROOM FINISH.
3. THE COLOR OF THE DETECTABLE WARNINGS SHALL PROVIDE A VISUAL CONTRAST TO THE SURROUNDING SURFACE (LIGHT ON DARK OR DARK ON LIGHT) AS SPECIFIED ON THE PLANS.
4. WHERE A RAMP OR LEVEL LANDING MEETS A CURB RADIUS, ALIGN THE EDGE OF THE DETECTABLE WARNING AREA PARALLEL TO THE CURB TO THE MAXIMUM EXTENT FEASIBLE.

DETECTABLE WARNING PAD DETAILS

NOT TO SCALE



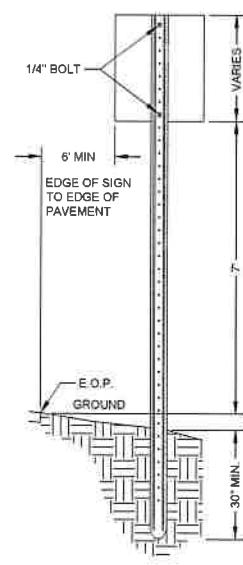
TYPICAL NYLOPLAST INLINE DRAIN WITH STANDARD GRATE
NOT TO SCALE



TYPICAL NYLOPLAST DRAIN BASIN & INLINE DRAIN NON TRAFFIC INSTALLATION
NOT TO SCALE

NOTES:

1. POSTS SHALL BE PLUMB. ANY POST BENT OR OTHERWISE DAMAGED SHALL BE REMOVED AND REPLACED. CUTTING THE DAMAGED PORTION OUT AND SPLICING THE POST TOGETHER IS NOT ACCEPTABLE.
2. WHEN POSTS ARE SET, THE HOLES SHALL BE DUG TO THE PROPER DEPTH. AFTER INSERTING POSTS, THE HOLES SHALL BE BACK FILLED WITH SUITABLE MATERIAL IN LAYERS NOT EXCEEDING 6" DEEP WHEN COMPACTED. CARE BEING TAKEN TO PRESERVE THE ALIGNMENT OF THE POST.
3. WHEN POSTS ARE DRIVEN, A SUITABLE DRIVING CAP SHALL BE USED. AFTER DRIVING, THE TOP OF THE POST SHALL HAVE THE SAME CROSS-SECTIONAL DIMENSION AS THE BODY OF THE POST. BATTERED HEADS WILL NOT BE ACCEPTED.
4. POSTS SHALL NOT BE DRIVEN WITH THE SIGN ATTACHED TO THE POST.
5. SIGNS SHALL BE ERECTED IN CONFORMANCE WITH THE REQUIREMENTS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
6. WHEN SIGNS ARE IN PLACE, NO PART OF THE POST SHALL EXTEND ABOVE SIGN.



ROAD SIGN POST AND SLEEVE - RURAL

NOT TO SCALE

- GREEN ENAMEL, 2 5/8" FT MINIMUM FLANGED CHANNEL STEEL POST
- PVC OR STEEL SLEEVE REQUIRED IN PAVED OR CONCRETE LOCATIONS
- SLEEVE WILL BE LARGE ENOUGH TO ALLOW FOR REPLACEMENT POST

REVISION HISTORY

1.

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OWNER

SPAULDING YOUTH CENTER A.K.A. SPAULDING ACADEMY AND FAMILY SERVICES

72 SPAULDING ROAD NORTHFIELD, NH

SPAULDING ACADEMY SCHOOL EXPANSION

72 SPAULDING ROAD NORTHFIELD, NH

MAP R10, LOT 3

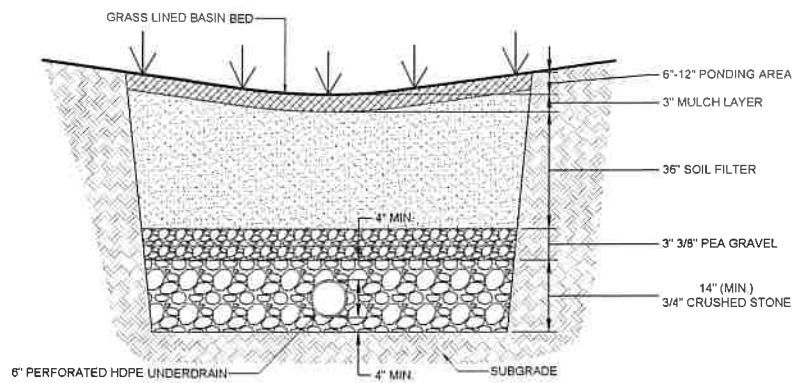
DRAWING TITLE

CONSTRUCTION DETAILS

SCALE	N.T.S.	DATE	03/17/2022
DRAFTED BY	RSR	PROJECT MGR	ERL
CHECKED BY	ERL	PROJECT I/O	SPYC0001

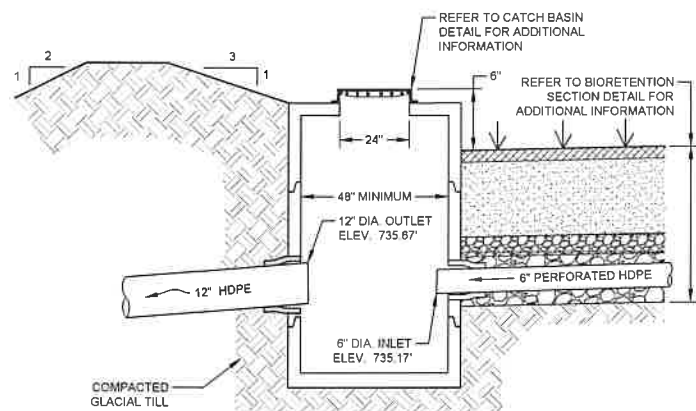
ENGINEER ERIN R. LAMBERT
NH P.E. #11057

C5.2

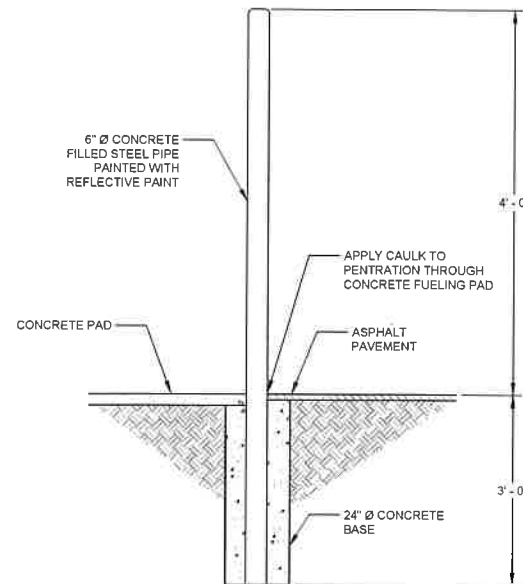


SOIL FILTER SHALL CONSIST OF:
50%-55% ASTM C-33 CONCRETE SAND
20%-30% LOAMY SAND TOPSOIL WITH 15%-25% FINES PASSING THE NUMBER 200 SIEVE
20%-30% MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH WITH LESS THAN 5% PASSING THE NUMBER 200 SIEVE

BIORETENTION SECTION DETAIL
NOT TO SCALE

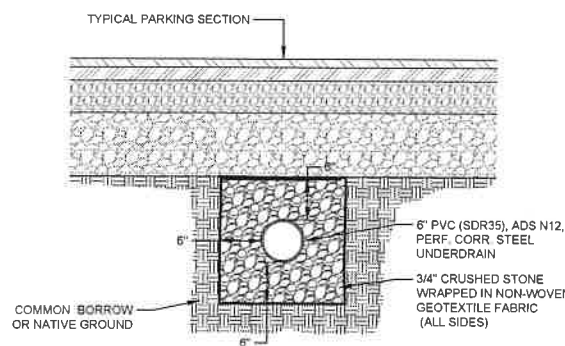


BIORETENTION SYSTEM OUTLET STRUCTURE SECTION
NOT TO SCALE

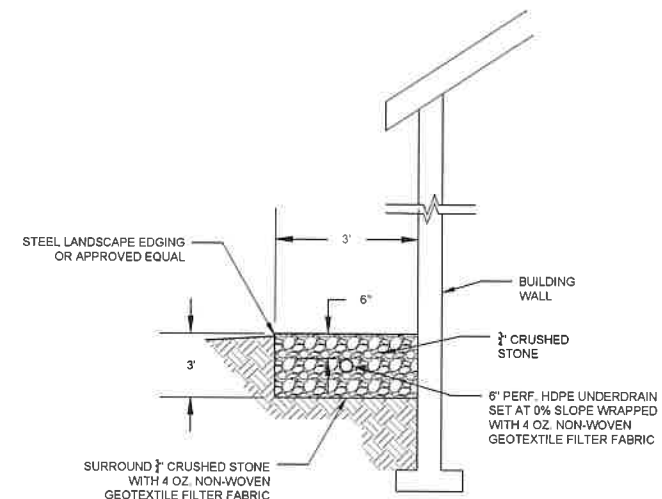


NOTES:
1. CAULK SHALL BE SILKAFLEX 1C SELF LEVELING CAULKING OR APPROVED EQUAL
2. A PRECAST BOLLARD WHICH MEETS THE SPECIFIED DIMENSIONS MAY ALSO BE USED.

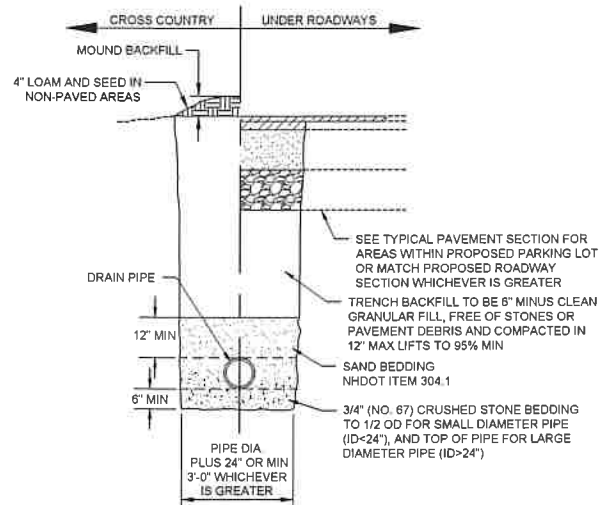
CONCRETE FILLED BOLLARD
NOT TO SCALE



UNDERDRAIN SECTION
NOT TO SCALE

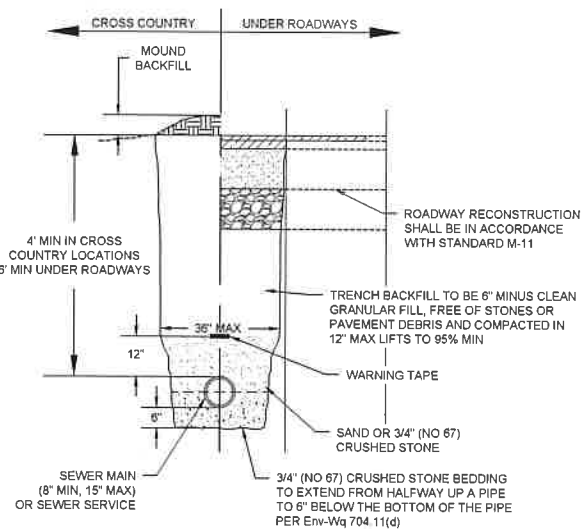


STONE DRIP EDGE
NOT TO SCALE



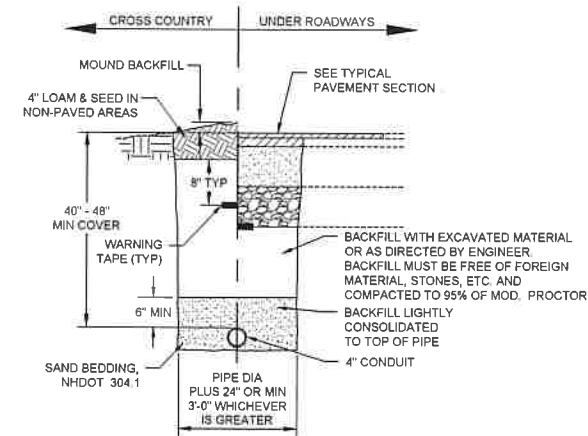
NOTES:
1. SAND BLANKET MATERIAL SHALL CONFORM WITH PROVISIONS OF Env-Wq 704.11(b).
2. TRENCH BACKFILL MATERIAL SHALL CONFORM WITH Env-Wq 704.11(h).
3. FOR EXCAVATION IN LEDGE, EXCAVATION SHALL EXTEND AT LEAST 12" BELOW THE BOTTOM OF THE SEWER PIPE PER Env-Wq 704.11 (a).

DRAINAGE PIPE TRENCH
NOT TO SCALE



NOTES:
1. SAND BLANKET MATERIAL SHALL CONFORM WITH PROVISIONS OF Env-Wq 704.11(b).
2. TRENCH BACKFILL MATERIAL SHALL CONFORM WITH Env-Wq 704.11(h).
3. FOR EXCAVATION IN LEDGE, EXCAVATION SHALL EXTEND AT LEAST 12" BELOW THE BOTTOM OF THE SEWER PIPE PER Env-Wq 704.11 (a).

SEWER TRENCH
NOT TO SCALE



NOTES:
1. 4" MINIMUM DIAMETER SCHEDULE 80 PVC CONDUIT SHALL BE STANDARD. NUMBER OF CONDUITS REQUIRED AND SPECIFIC LOCATIONS SHALL BE COORDINATED WITH UTILITIES.
2. IN ORDER TO PROVIDE MINIMUM COVER OVER CONDUIT, THE ROADWAY SUB-GRADE SHALL BE SHAPED PRIOR TO CONDUIT INSTALLATION.
3. CONDUIT LESS THAN 30" BELOW GRADE MUST BE ENCASED WITH A MINIMUM OF 4" CONCRETE ON ALL SIDES

UTILITY CONDUIT TRENCH DETAIL
NOT TO SCALE

REVISION HISTORY
1.

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OWNER
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72 SPAULDING ROAD NORTHFIELD, NH

SITE
SPAULDING ACADEMY SCHOOL EXPANSION

72 SPAULDING ROAD NORTHFIELD, NH

MAP R10, LOT 3

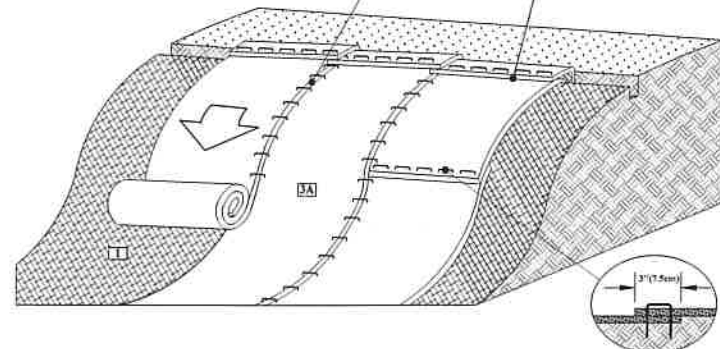
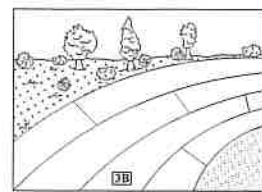
DRAWING TITLE
CONSTRUCTION DETAILS

SCALE	N.T.S.	DATE	03/17/2022
DRAFTED BY	CHECKED BY	PROJECT MGR	PROJECT NO
RSR	ERL	ERL	SPYC0001

ENGINEER ERIN R. LAMBERT
No. 11057
LICENSED PROFESSIONAL ENGINEER

C5.3

11 OF 13

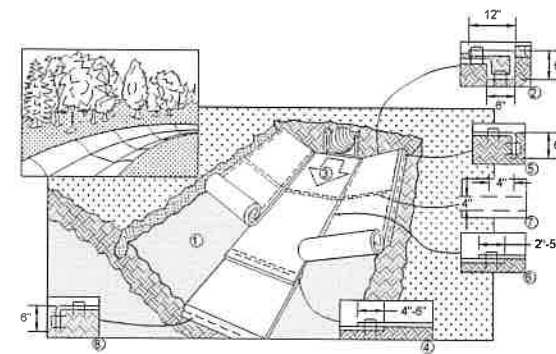


SLOPE INSTALLATION DETAIL

1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPs), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPs IN A 6" (15CM) DEEP X 6" (15CM) WIDE TRENCH WITH APPROXIMATELY 12' (30CM) OF RECPs EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPs 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 THE COMPACTED SOIL AND FOLD THE REMAINING 12' (30CM) PORTION OF RECPs BACK OVER THE SEED AND COMPACTED SOIL. SECURE RECPs OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12' (30CM) ACROSS THE WIDTH OF THE RECPs.
3. ROLL THE RECPs (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECPs WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPs MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
4. THE EDGES OF PARALLEL RECPs MUST BE STAPLED WITH APPROXIMATELY 2' - 5" (5-12.5CM) OVERLAP DEPENDING ON THE RECPs TYPE.
5. CONSECUTIVE RECPs SPLICED DOWN THE SLOPE MUST BE END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12' (30CM) APART ACROSS ENTIRE RECPs WIDTH.

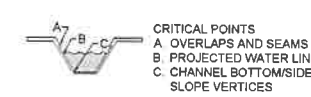
***NOTE:**
IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECPs.

EROSION BLANKET SLOPE INSTALLTION
NOT TO SCALE



1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPs), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE RECPs IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12' OF RECPs EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPs WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12' APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12' PORTION OF RECPs BACK OVER SEED AND COMPACTED SOIL. SECURE RECPs OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12' ACROSS THE WIDTH OF THE RECPs.
3. ROLL CENTER RECPs IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. RECPs WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPs MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. PLACE CONSECUTIVE RECPs END OVER END (SHINGLE STYLE) WITH A 4" - 6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE RECPs.
5. FULL LENGTH EDGE OF RECPs AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12' APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT RECPs MUST BE OVERLAPPED APPROXIMATELY 2' - 5" (DEPENDING ON RECPs TYPE) AND STAPLED.
7. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE RECPs MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12' APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

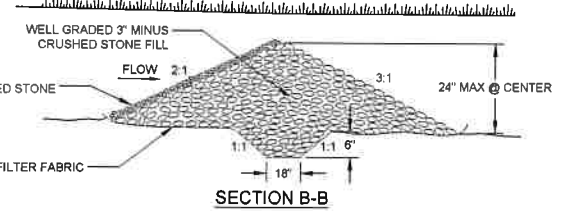
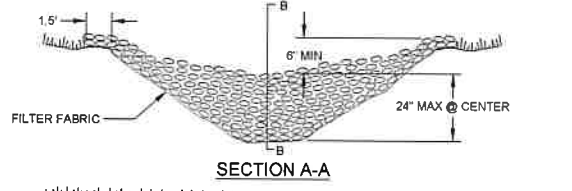
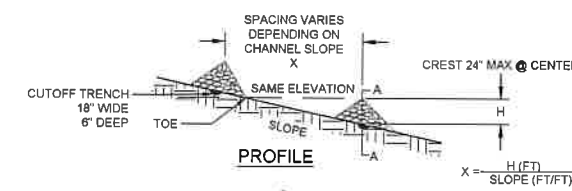
NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY ANCHOR THE RECPs.



CRITICAL POINTS
A. OVERLAPS AND SEAMS
B. PROJECTED WATER LINE
C. CHANNEL BOTTOM/SIDE SLOPE VERTICES

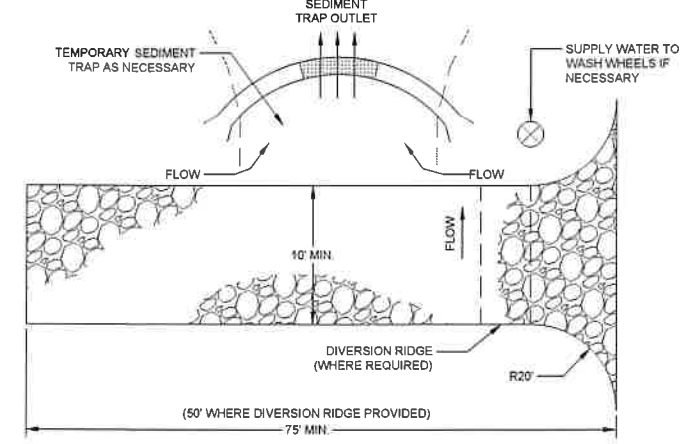
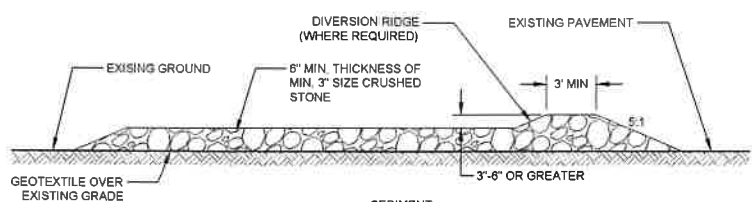
***NOTE:**
* HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITICAL POINTS ALONG THE CHANNEL SURFACE.
** IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY ANCHOR THE RECPs.

CHANNEL INSTALLATION ROLLED EROSION CONTROL MATTING
NOT TO SCALE



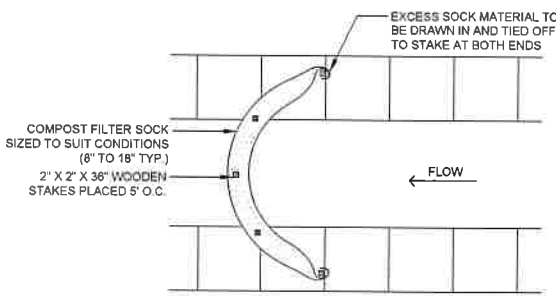
STONE CHECK DAM
NOT TO SCALE

- NOTES:**
1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
 2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
 3. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
 4. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.



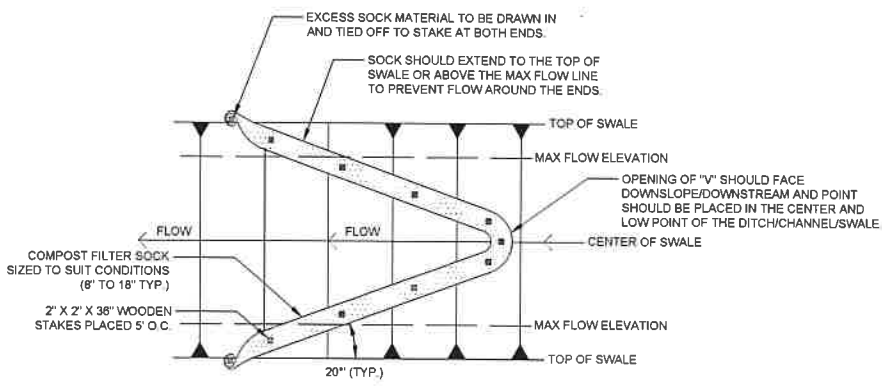
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

- NOTES:**
1. STONE SIZE - USE MINIMUM 3 INCH CRUSHED STONE.
 2. LENGTH - NOT LESS THAN 75 FEET (50 FEET MAY BE ALLOWED WHERE A DIVERSION RIDGE IS PROVIDED).
 3. THICKNESS - NOT LESS THAN 8 INCHES.
 4. WIDTH - 10 FOOT MINIMUM BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 5. GEOTEXTILE FILTER FABRIC MUST BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED ACCORDING TO PERMIT REQUIREMENTS.



FILTER SOCK CHECK DAM
NOT TO SCALE

- NOTES:**
1. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
 2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
 3. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.



FILTER SOCK CHECK DAM WITH UNIFORM CREST
NOT TO SCALE

- NOTES:**
1. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
 2. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE CHECK DAM.
 3. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.

REVISION HISTORY

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MAP R10, LOT 3

EROSION CONTROL DETAILS

SCALE	N.T.S.	DATE	03/17/2022
DRAWN BY	RSR	CHECKED BY	ERL
PROJECT MGR	ERL	PROJECT NO	SPYC0001

Professional Engineer Seal for Ernie R. Lambert, No. 11057, State of New Hampshire. License No. 11057.

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MAP R10, LOT 3

DRAWING TITLE

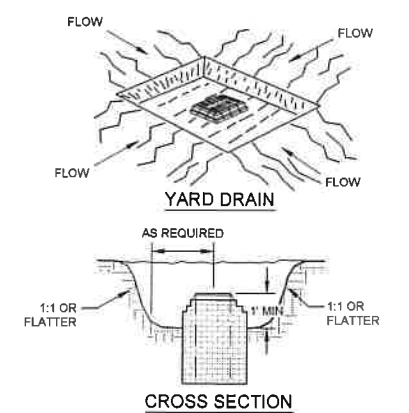
EROSION CONTROL DETAILS

SCALE	N.T.S.	DATE	03/17/2022
DRAFTED BY	RSR	CHECKED BY	ERL
PROJECT MGR	ERL	PROJECT NO.	SPYC0001

REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW HAMPSHIRE
ERIN R. LAMBERT
No. 11057
LICENSED PROFESSIONAL ENGINEER

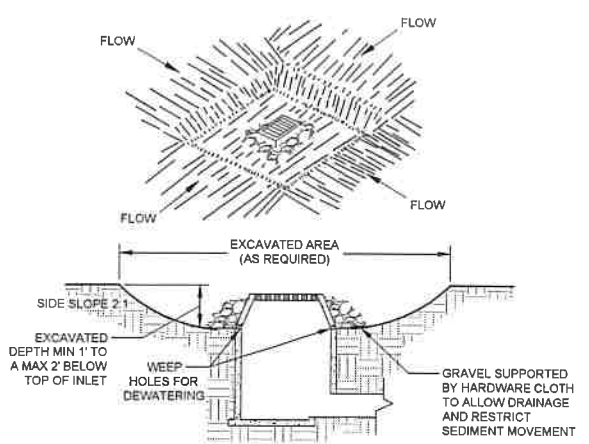
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13 OF 13



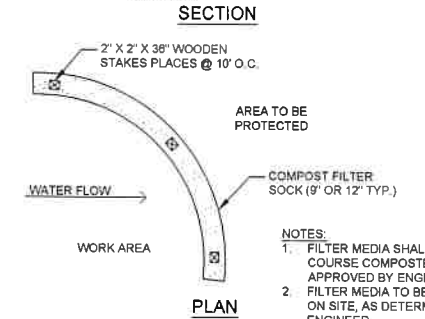
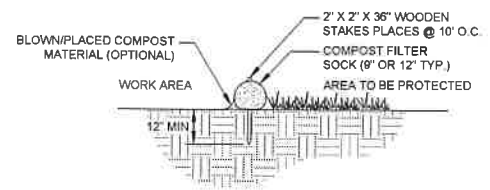
CATCH BASIN SEDIMENT TRAP
NOT TO SCALE

- NOTES:
1. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND STABILIZED.
 2. THE VOLUME OF SEDIMENT STORAGE SHALL BE 3,600 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE.
 3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
 4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND SEDIMENT ARE CONTROLLED.
 5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONTRIBUTORY DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
 6. ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.



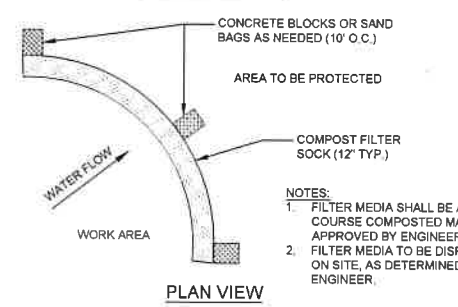
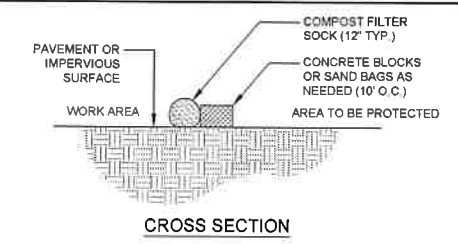
EXCAVATED DROP INLET PROTECTION
NOT TO SCALE

- NOTES:
1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
 2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
 3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
 4. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL EXCAVATION WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.



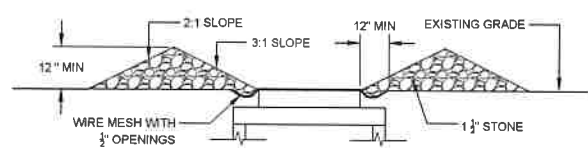
FILTER SOCK SEDIMENT CONTROL
NOT TO SCALE

- NOTES:
1. FILTER MEDIA SHALL BE A COURSE COMPOSTED MATERIAL APPROVED BY ENGINEER.
 2. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

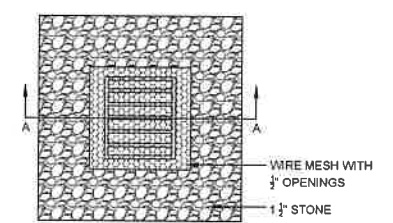


FILTER SOCK SEDIMENT CONTROL ON PAVEMENT
NOT TO SCALE

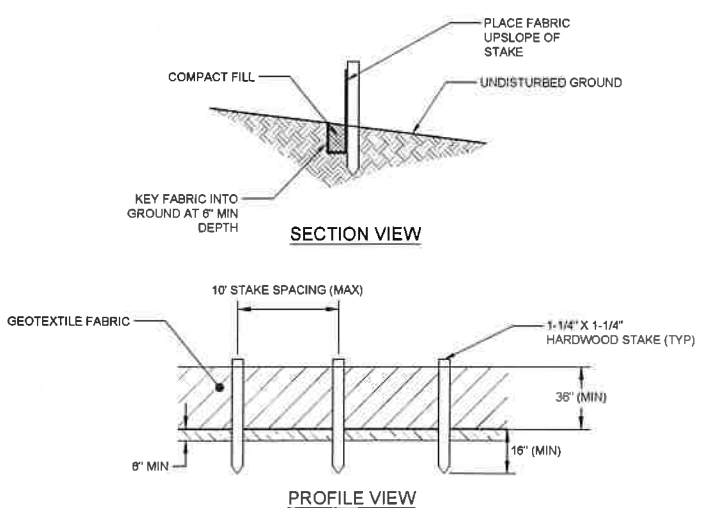
- NOTES:
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 2. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.



STONE INLET PROTECTION
NOT TO SCALE

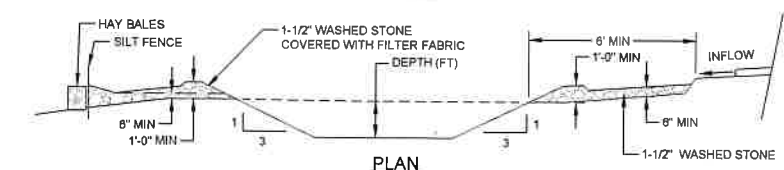
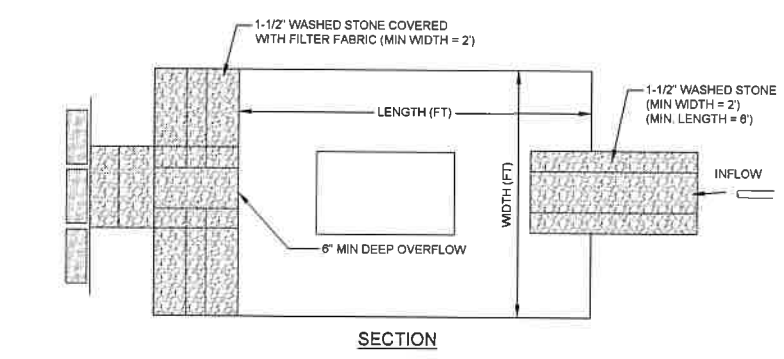


STONE INLET PROTECTION
NOT TO SCALE



- NOTES:
1. DUE TO UV STABILITY OF FABRIC, SILT FENCE MAY NOT BE USED FOR A PERIOD LONGER THAN ONE (1) YEAR.
 2. SILT FENCE NOT TO BE USED IN AREAS OF CONCENTRATED FLOW (E.G. SWALES/DITCHES).
 3. WIRE FENCE SUPPORT (14 GAGE W8" MESH OPENING MIN) IS REQUIRED FOR INSTALLATIONS WITHIN 100 FEET OF STREAMS, RIVERS, OR OTHER WATERS OF THE STATE.
 4. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
 5. ENDS OF FILTER CLOTH SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
 6. APPROVED PREFABRICATED FENCING INCLUDES ENVIROFENCE, GEOFAB, MIRAFI 100X. OTHERS MAY BE SUITABLE BUT SUBJECT TO ENGINEER'S APPROVAL.
 7. INSPECT FENCE REGULARLY FOR DAMAGE DUE TO ANIMALS, EQUIPMENT, AND WIND.
 8. REMOVE ACCUMULATED SEDIMENT WHEN LEVEL REACHES 1/2 THE HEIGHT OF FENCE.

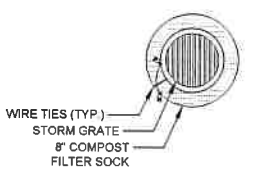
SILT FENCE DETAIL
NOT TO SCALE



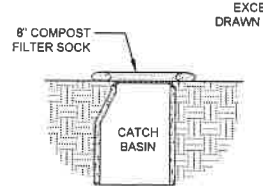
SIZE	PUMP RATE			
	30 GPM	50 GPM	75 GPM	100 GPM
LENGTH (FT)	14	16	22	30
WIDTH (FT)	8	9	11	15
DEPTH (FT)	3	4	5	6

TEMPORARY SEDIMENTATION/DEWATERING BASIN
NOT TO SCALE

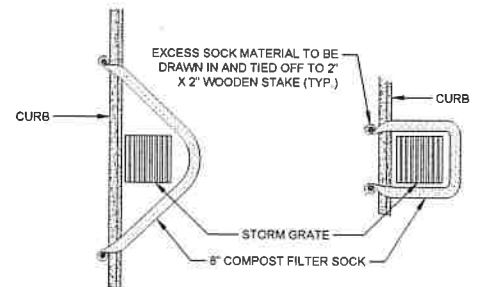
- NOTES:
1. BASIN DIMENSIONS AND LOCATIONS TO BE ESTABLISHED IN THE FIELD BASED UPON SITE CONDITIONS.
 2. SEDIMENT SHALL BE REMOVED REGULARLY TO ENSURE ADEQUATE SEDIMENT BASIN CAPACITY.
 3. CONTRACTORS SHALL OBSERVE THE EFFECTIVENESS OF THE BASIN DAILY OR DURING USE, AND MAKE MODIFICATIONS TO CORRECT ANY DEFICIENCIES.



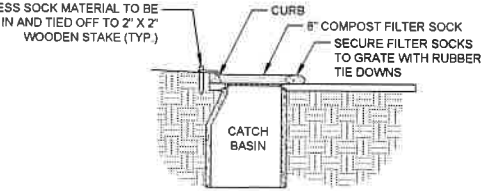
DRAIN INLET PLAN



DRAIN INLET SECTION



CURBSIDE OPTION "A" PLAN



CURBSIDE SECTION

FILTER SOCK SEDIMENT CONTROL INLET PROTECTION
NOT TO SCALE

- NOTES:
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 2. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.