

NEW BOSTON CENTRAL SCHOOL

Site and Landscape Construction Plan Set

15 CENTRAL SCHOOL ROAD
NEW BOSTON, NH 03070
09-09-22
REVISED THROUGH: 01-30-25

DRAWING INDEX:

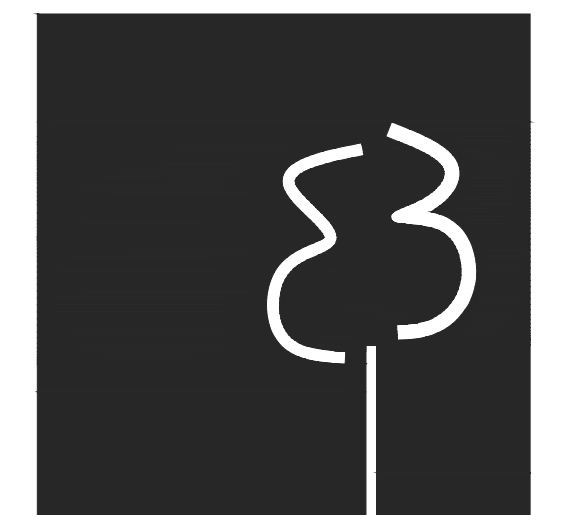
LANDSCAPE CONSTRUCTION PLANS

PREPARED FOR:
SAU #19
15 CENTRAL SCHOOL ROAD
NEW BOSTON, NH 03070

<u>TITLE</u>	<u>DWG #</u>	<u>SHEET</u>
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ISSUED FOR
BIDDING

mm/dd/yy



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GENERAL NOTES

1. BASE PLAN DEVELOPED FROM INFORMATION PROVIDED BY TERRAIN PLANNING DESIGN FROM FIELD MEASUREMENTS COLLECTED ON APRIL 25, 2022.
2. VERIFY LOCATIONS, ELEVATIONS, AND DIMENSIONS IN THE FIELD, PRIOR TO CONSTRUCTION. VERIFY FIELD CONDITIONS RELATING TO WORK TO BE INSTALLED. NOTIFY LANDSCAPE ARCHITECT OF ANY UNUSUAL OR DIFFICULT CONDITIONS IN A TIMELY FASHION PRIOR TO CONSTRUCTION CONCERNING THE CONDITION IN QUESTION.
3. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE TOWN OF NEW BOSTON AND THE NEW HAMPSHIRE. NOTIFY APPROPRIATE AGENCIES AT LEAST 48 HOURS PRIOR TO PERFORMING THE WORK UNDER THEIR JURISDICTION.
4. CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL CONSTRUCTION PERMITS AND LICENSES REQUIRED TO COMPLETE SITE WORK. CONTRACTOR IS RESPONSIBLE FOR ALL APPROPRIATE INSPECTIONS OF HIS/HER WORK.
5. ALL WORK SHALL BE OF WORKMANLIKE QUALITY AND IN CONFORMANCE WITH ALL APPLICABLE CODES. CONTRACTOR SHALL READ ALL ZONING AND ENVIRONMENTAL PERMITS WHICH PERTAIN TO THE PROJECT AND SHALL COMPLY WITH ALL THE CONDITIONS THEREIN.
6. NOTIFY LANDSCAPE ARCHITECT AT LEAST 72 HOURS PRIOR TO ANY ROUTINE REQUIRED FIELD OBSERVATION. OBTAIN LANDSCAPE ARCHITECT'S APPROVAL OF THE LAYOUT OF ALL IMPROVEMENTS PRIOR TO CONSTRUCTION.
7. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF DAMAGE OR DISTURBANCE TO OTHER AREAS WHICH MAY OCCUR AS THE RESULT OF HIS/HER WORK WHETHER WITHIN OR OUTSIDE OF THE CONTRACT LIMIT LINES.
8. CONSTRUCTION SHALL FOLLOW THE SEQUENCES AND CONDITIONS ESTABLISHED IN THE SPECIFICATIONS AND PERMITS.
9. IT IS INTENDED THAT THE WORK BE EXECUTED IN ACCORDANCE WITH THE BEST CUSTOMARY BUILDING PRACTICES. IF WORK IS REQUIRED IN A MANNER TO MAKE IT IMPOSSIBLE TO PRODUCE FIRST-CLASS WORK OR IF ERRORS, CONFLICTS OR DISCREPANCIES APPEAR AMONG THE CONTRACT DOCUMENTS, INFORM THE LANDSCAPE ARCHITECT IMMEDIATELY AND REQUEST INTERPRETATION BEFORE PROCEEDING WITH THE WORK.
10. IF CONTRACTOR FAILS TO MAKE SUCH A STATEMENT AND REQUEST, NO EXCUSE WILL THEREAFTER BE ENTERTAINED, NOR ADDITIONAL EXPENSE BE ACCEPTED, FOR FAILURE TO CARRY OUT WORK IN A SATISFACTORY MANNER. SHOULD CONFLICT OCCUR IN OR BETWEEN DRAWINGS AND SPECIFICATIONS, CONTRACTOR IS DEEMED TO HAVE ESTIMATED ON THE MORE EXPENSIVE WAY OF DOING WORK UNLESS HE/SHE SHALL HAVE OBTAINED A WRITTEN DECISION, BEFORE SUBMITTING HIS BID, AS TO WHICH METHOD OR MATERIALS WILL BE REQUIRED.
11. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS AND EQUIPMENT STORED AT SITE.
12. EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY WORK.
13. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR DIRECTION AND RESOLUTION PRIOR TO ANY FURTHER WORK.
14. VISIBLE EXISTING CONDITIONS WHERE FIELD LOCATED, AND UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. SITE SUBCONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS, DIMENSIONS, AND GRADES PRIOR TO START OF ANY FOUNDATION OR UTILITY WORK.
15. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL USE CAUTION WHEN SCALING REPRODUCED PLANS. IN CASE OF CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWING AND/OR SPECIFICATION, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATIONS.
16. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR CONDITIONS AT THE SITE. THESE PLANS, PREPARED BY TERRAIN PLANNING & DESIGN LLC, DO NOT EXTEND TO OR INCLUDE SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR THEIR EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE SEAL OF THE SURVEYOR, ENGINEER OR LANDSCAPE ARCHITECT HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE INCORPORATED INTO THESE PLANS. THE CONSTRUCTION CONTRACTOR SHALL PREPARE OR OBTAIN THE APPROPRIATE SAFETY SYSTEMS WHICH MAY BE REQUIRED BY THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND/OR LOCAL REGULATIONS.
17. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE HIMSELF WITH THE SITE AND ALL EXISTING CONDITIONS SURROUNDING IT AND THEREON. THE CONTRACTOR SHALL ADVISE THE APPROPRIATE AUTHORITY OF HIS INTENTIONS AT LEAST 48 HOURS IN ADVANCE.
18. THESE PLANS WERE PREPARED UNDER THE SUPERVISION OF A LICENSED PROFESSIONAL LANDSCAPE ARCHITECT. TERRAIN PLANNING & DESIGN LLC ASSUMES NO LIABILITY AS A RESULT OF ANY CHANGES OR NON-CONFORMANCE WITH THESE PLANS EXCEPT UPON THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT OF RECORD.
19. TERRAIN PLANNING & DESIGN LLC ASSUMES NO LIABILITY FOR WORK PERFORMED WITHOUT AN ACCEPTABLE PROGRAM OF TESTING AND INSPECTION AS APPROVED BY THE LANDSCAPE ARCHITECT OF RECORD.
20. BASE PREPARATION UNDER ALL HARD SURFACES TO BE COMPACTED TO 98% STANDARD PROCTOR DENSITY.
21. SITE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIG SAFE PRIOR TO ANY EXCAVATION, 1-888-DIG-SAFE.



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CENTRAL SCHOOL**

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15 Central School Road
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Tax Map:
Lot #:

Prepared For:
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New Boston, NH 03070

**EXISTING
CONDITIONS**

DATE: 05 - 12 - 22

SCALE: 1" = 10'

PROJECT #: 2235

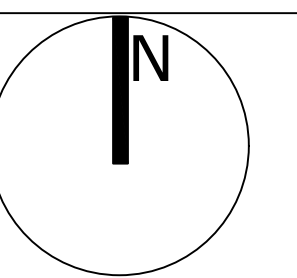
Drawn By: TBP

Checked By: ERB

REVISIONS: DATE:
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EX - 01



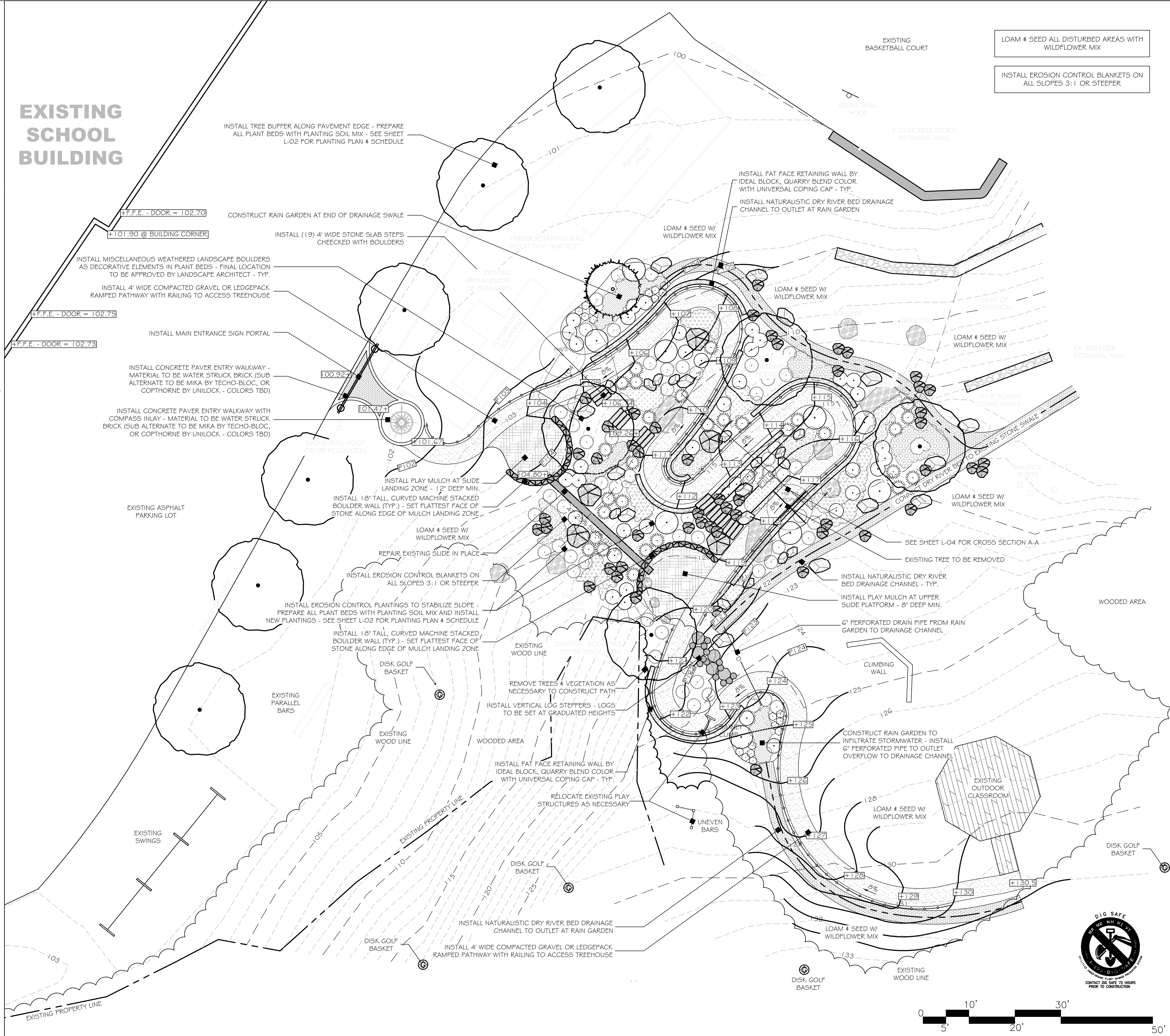
GRADING NOTES

- UNLESS SPECIFIED OTHERWISE, SLOPE FINAL GRADE AWAY FROM THE BUILDING AND ALL STRUCTURES AT LEAST 1/4" PER FOOT FOR EIGHT FEET MINIMUM.
- UNLESS SPECIFIED OTHERWISE, CONSTRUCT ALL WALKS AND STEPS WITH A MINIMUM WASH OF 1/8" PER FOOT.
- BLEND NEW WORK SMOOTHLY WITH EXISTING GRADES. AVOID SHARP BREAKS IN GRADE. ROUND TOPS AND BOTTOMS OF SLOPES.
- PROVIDE AND INSTALL WINDOW WELLS AT ALL BASEMENT VENTS.
- ALL PVC PIPE TO BE TYPE SDR 40 OR GREATER.
- SLEEVES TO BE PAIRS OF 4" SDR 40 PVC PIPE SET BELOW PAVING, CAP AND STAKE ENDS. NOTE DIMENSIONED LOCATIONS ON PLAN FOR OWNER'S USE. SET ADJACENT SLEEVES WITH 6" BETWEEN SIDES OF ADJACENT PIPES. SET TOP OF SLEEVES AT ELEVATION OF BOTTOM OF PAVEMENT POROUS BASE MATERIAL.
- DRIPSTONE "EDGE" STONE SPLASH STRIP TYPICAL ALONG ROOF DRIPLINE EXCEPT AT DECKING, PAVING OR AT GABLE ENDS.
- ALL BOULDER LOCATIONS AND SIZES ARE APPROXIMATE.
- CONTRACTOR TO TAKE SPECIAL CARE WHEN REMOVING BOULDERS TO MINIMIZE SCRATCHES. ALL CONCRETE TO BE REMOVED FROM BOULDERS PRIOR TO RE-VEGETATION.

EROSION CONTROL NOTES

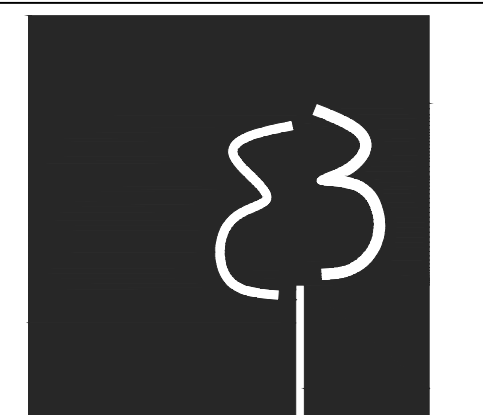
- EXPOSED EARTHWORK SHALL BE CONFINED TO AS LIMITED AN AREA AS IS PRACTICAL AT ANY GIVEN TIME THROUGHOUT THE CONSTRUCTION SEQUENCE. LIMIT OF WORK IS NOTED ON THIS SHEET. CONTRACTOR TO WORK WITHIN THESE LIMITS AS SHOWN. NO AREA OF THE SITE SHALL BE LEFT IN AN UNSTABILIZED CONDITION FOR A PERIOD OF TIME EXCEEDING FIVE CALENDAR DAYS.
- TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED IN STRICT ACCORDANCE WITH PROJECT PANS. IN ADDITION SIMILAR MEASURES SHALL BE INSTALLED WHERE AND WHEN THE FIELD CONDITION, OR FIELD OPERATION OF THE INDIVIDUAL SITE CONTRACTOR MAY WARRANT. ALL TEMPORARY EROSION CONTROL MEASURES USED SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.5" OF RAINFALL OR MORE. THEY SHALL BE CLEANED AND MAINTAINED AND OTHERWISE KEPT IN AN EFFECTIVE OPERATING MANNER THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL DISTURBED AREAS DESIGNATED TO BE TURF SHALL RECEIVE A MINIMUM OF 4" LOAM (COMPACTED THICKNESS), PRIOR TO SEEDING AND MULCHING.
- ALL SWALES AND DITCH LINES SHALL BE PERIODICALLY CLEANED OF DEPOSITED SEDIMENT SO AS TO MAINTAIN AN EFFECTIVE GRADE AND CROSS SECTION. ALL SWALES AND DITCH LINES SHALL BE FULLY STABILIZED PRIOR TO HAVING STORMWATER DIRECTED TOWARDS THEM.
- IN THE EVENT THAT, DURING CONSTRUCTION OF ANY PORTION OF THIS PROJECT, A WINTER SHUTDOWN IS NECESSARY, THE CONTRACTOR SHALL STABILIZE ALL INCOMPLETE WORK AND PROVIDE FOR SUITABLE METHODS OF DIVERTING RUNOFF IN ORDER TO ELIMINATE SHEET FLOW ACROSS FROZEN SURFACES.
- AN AREA SHALL BE CONSIDERED STABILIZE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE OF GRADES ARE INSTALLED IN AREAS TO BE PAVED;
 - A MINIMUM OF 85% VEGETATIVE GROWTH HAS BEEN ESTABLISHED;
 - A MINIMUM OF 3" OF NON-EROSIVE MATERIALS, SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED; AND/OR
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- DUST SHALL BE CONTROLLED BY THE USE OF WATER AS NECESSARY THROUGHOUT THE CONSTRUCTION PERIOD.
- IN NO WAY ARE THE TEMPORARY EROSION CONTROL MEASURES INDICATED ON THESE PLANS CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL USE JUDGMENT IN INSTALLING SUPPLEMENTARY EROSION CONTROL MEASURES WHERE AND WHEN SPECIFIC SITE CONDITIONS AND/OR CONSTRUCTION METHODOLOGIES MAY WARRANT.
- ALL EROSION CONTROL METHODS TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS AS WELL AS INDICATED IN THE NEW HAMPSHIRE STORMWATER MANUAL "EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION."
- ALL ROADS, PATHS, DRIVEWAYS, PATIOS AND POOL DECKS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISH GRADE.
- ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF ACHIEVING FINISH GRADE.

EXISTING SCHOOL BUILDING



LOAM & SEED ALL DISTURBED AREAS WITH WILDFLOWER MIX

INSTALL EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 OR STEEPER



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NEW BOSTON CENTRAL SCHOOL

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PLAYGROUND PLAN

DATE: 09 - 09 - 22

SCALE: 1" = 10'

PROJECT #: 2235

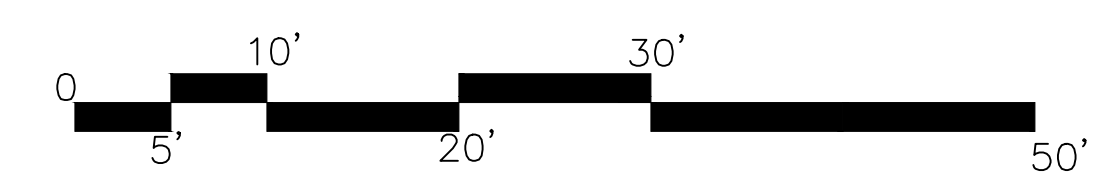
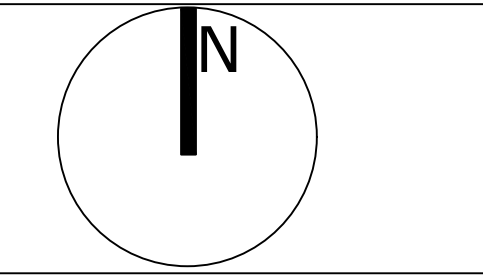
Drawn By: RNM

Checked By: ERB

REVISIONS:	DATE:
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Revised for Bidding	01-30-25

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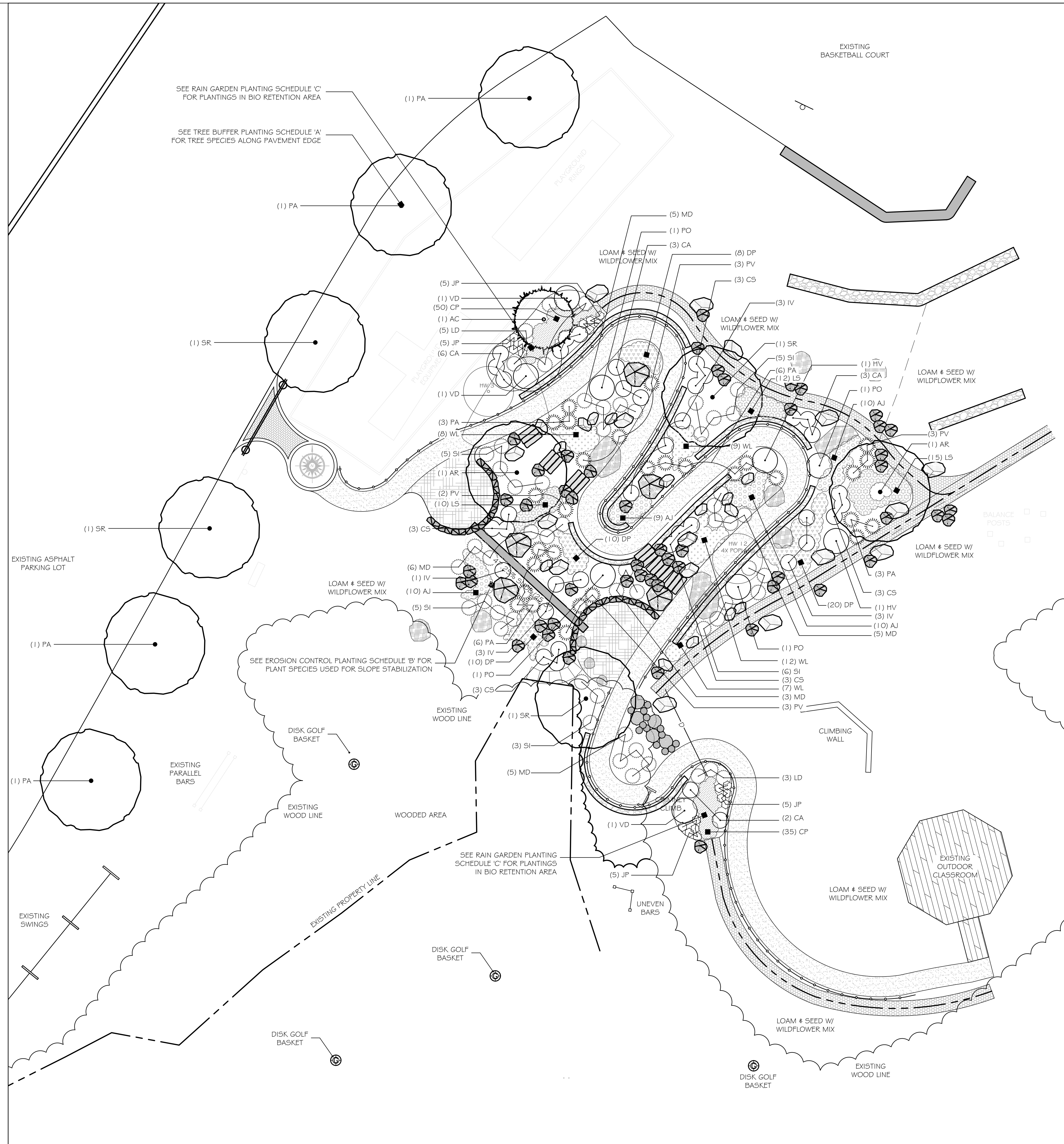
PLANTING NOTES

1. CONTRACTOR SHALL OBTAIN APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO PURCHASING AND/OR INSTALLING SUBSTITUTE PLANT MATERIAL PRIOR TO PURCHASE OF ANY SUBSTITUTE MATERIALS.
2. CONSTRUCTION ACCESS WILL BE AS DIRECTED BY LANDSCAPE ARCHITECT. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ACCESS ROUTE AND ALL AREAS DISTURBED BY PLANTING OPERATIONS UPON COMPLETION OF CONSTRUCTION OPERATIONS, AT NO ADDITIONAL COST TO THE OWNER.
3. LAYOUT OF ALL PLANTING BEDS AND LOCATION OF PLANTS TO BE APPROVED BY LANDSCAPE ARCHITECT ON SITE PRIOR TO CONSTRUCTION AND INSTALLATION.
4. CONTRACTOR TO REMOVE ALL DEBRIS GENERATED BY PLANT INSTALLATION. DEBRIS TO BE DISPOSED OF IN A LEGAL MANNER.
5. ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN GOOD, HEALTHY AND FLOURISHING CONDITION FOR ONE YEAR FROM THE DATE OF FINAL INSTALLATION APPROVAL BY LANDSCAPE ARCHITECT. CONTRACTOR SHALL REPLACE, WITHOUT COST TO OWNER, AND AS SOON AS WEATHER CONDITIONS PERMIT, ALL DEAD AND NON-FLOURISHING PLANTS AS DETERMINED BY THE LANDSCAPE ARCHITECT. REPLACEMENT PLANTS SHALL BE GUARANTEED IDENTICALLY TO ORIGINAL PLANTS, TIME PERIOD COMMENCING FROM DATE OF REPLACEMENT PLANTING APPROVAL BY LANDSCAPE ARCHITECT.
6. ALL BEDS TO BE MULCHED WITH 4" DEPTH SHREDDED BARK MULCH UNLESS NOTED OTHERWISE.
7. CONTRACTOR TO PROVIDE NECESSARY TEMPORARY IRRIGATION IF NEEDED BASED ON TIME OF YEAR THE PROJECT IS IMPLEMENTED.

TREE BUFFER PLANTING SCHEDULE 'A' - NEW BOSTON PLAYGROUND				
Botanical Name / Common Name	Size	Label	Quantity	Mature Height
Deciduous & Ornamental Trees (3.0-3.5" CAL B4B Unless otherwise specified)				
<i>Platanus x acerifolia</i> 'Exclamation' / Exclamation Planetree	2.5-3" CAL.	PA	4	40-60'
<i>Syringa reticulata</i> / Japanese Lilac Tree	2.5-3" CAL.	SR	2	20-30'

EROSION CONTROL PLANTING SCHEDULE 'B' - NEW BOSTON PLAYGROUND				
Botanical Name / Common Name	Size	Label	Quantity	Mature Height
Deciduous & Ornamental Trees (2.5-3" CAL, B4B unless otherwise specified)				
<i>Acer rubrum</i> 'October Glory' / October Glory Red Maple		AR	2	40-60'
<i>Syringa reticulata</i> / Japanese Lilac Tree		SR	2	20-30'
Shrubs (CONT. unless otherwise noted)				
<i>Clethra alnifolia</i> 'Hummingbird' / Summersweet Clethra	#3	CA	6	3-4'
<i>Cornus (Swida) sericea</i> 'Firedance' / Firedance Red-Osier Dogwood	#3	CS	15	3-4'
<i>Hamamelis vernalis</i> 'Amethyst' / Amethyst Witchhazel	#5	HV	2	6-8'
<i>Itea virginica</i> 'Henry's Garnet' / Henry's Garnet Virginia Sweetshrub	#3	IV	10	3-4'
<i>Microbiota decussata</i> / Russian Cypress	#3	MD	24	18-24"
<i>Physocarpus opulifolius</i> 'Summer Wine' / Summer Wine Ninebark	#5	PO	4	5-6'
<i>Stephanandra incisa</i> 'Crispa' / Cutleaf Stephanandra	#3	SI	24	2-3'
Perennials & Grasses (1 QRT. CONT. unless otherwise specified)				
<i>Demstaedtia punctilobula</i> / Hay Scented Fern		DP	48	12-18"
<i>Liriope spicata</i> / Creeping Lilyturf		LS	37	18"
<i>Nepeta</i> 'Walker's Low' / Walker's Low Catmint		WL	36	24"
<i>Panicum virgatum</i> 'Cheyenne Sky' / Cheyenne Sky Switch Grass	#2	PV	8	4'
<i>Penstemon alpestris</i> 'Ameltn' / Dwarf Fountain Grass		FA	18	2'
<i>Sedum spectabile</i> 'Autumn Joy' / Autumn Joy Stonecrop		AJ	39	24"

RAIN GARDEN PLANTING SCHEDULE 'C' - NEW BOSTON PLAYGROUND				
Botanical Name / Common Name	Size	Label	Quantity	Mature Height
Deciduous Trees (2.5-3" CAL, B4B unless otherwise specified)				
<i>Amelanchier canadensis</i> / Spiceberry		AC	1	20-30'
Deciduous Shrubs (CONT. unless otherwise noted)				
<i>Clethra alnifolia</i> 'Hummingbird' / Summersweet Clethra	18-24"	CA	6	3-4'
<i>Physocarpus opulifolius</i> 'Little Devil' / Little Devil Ninebark	#3	LD	8	3-4'
<i>Viburnum dentatum</i> 'Blue Muffin' / Blue Muffin Arrowwood Viburnum	#5	VD	3	6-8'
Perennials & Groundcovers (1 QRT. CONT. unless otherwise specified)				
<i>Carex pensylvanica</i> / Pennsylvania Sedge		CP	85	12"
<i>Eupatorium (Eutrochium)</i> / Joe Pye Weed		JP	20	4-6'



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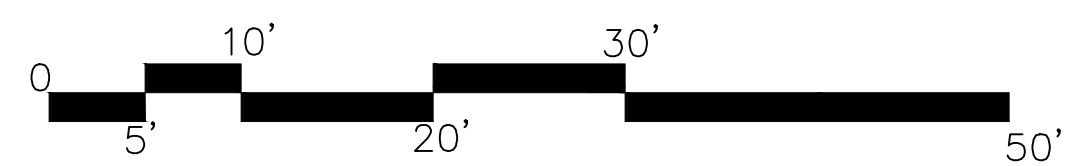
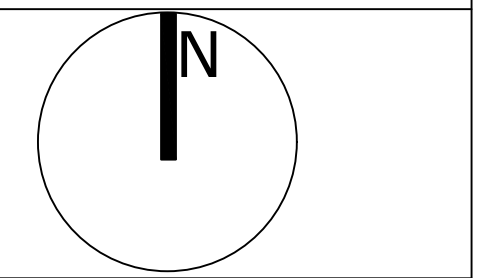
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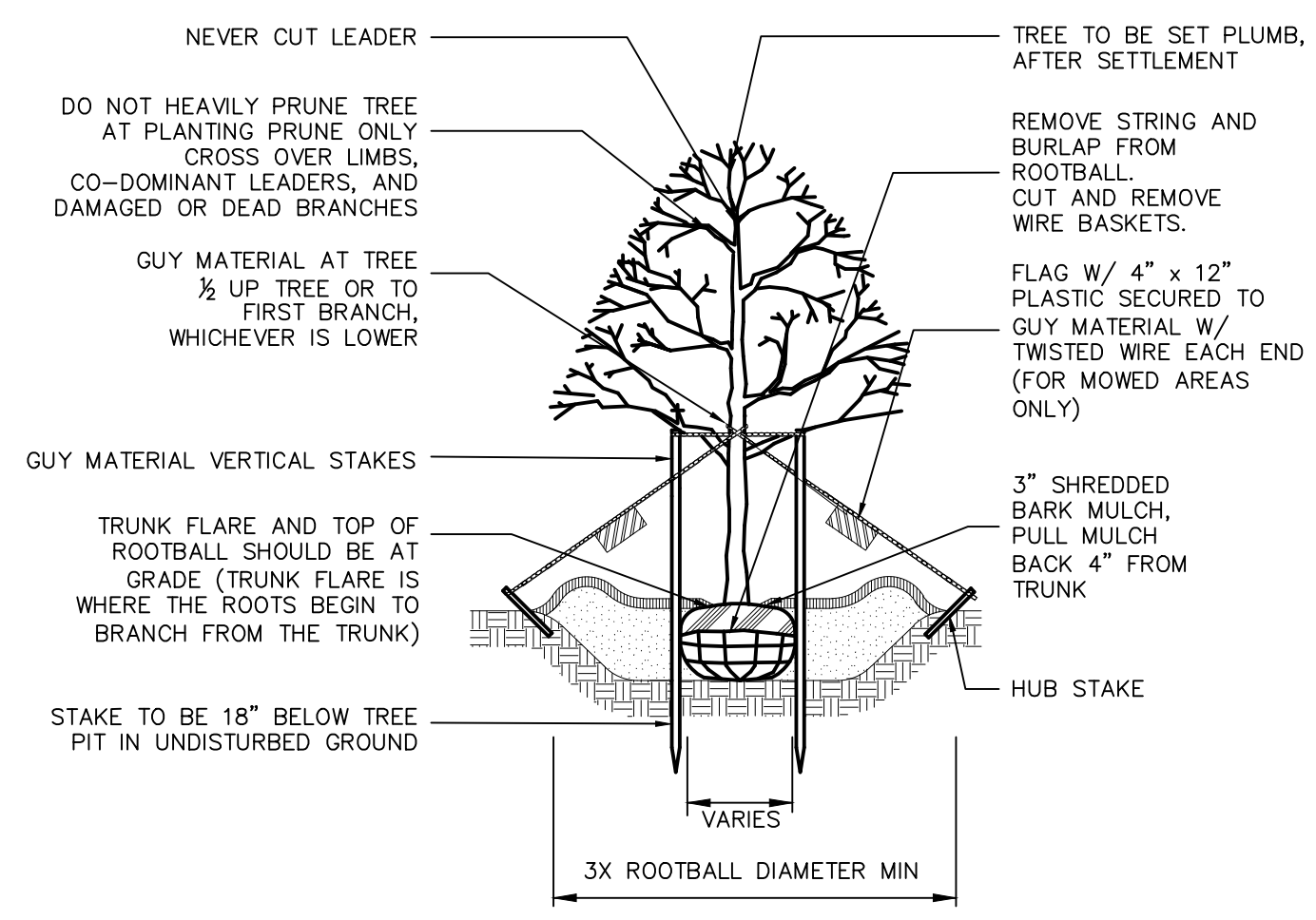
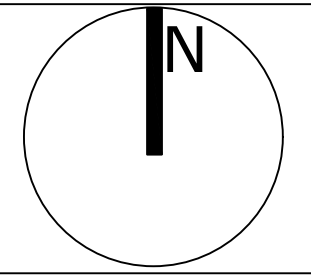
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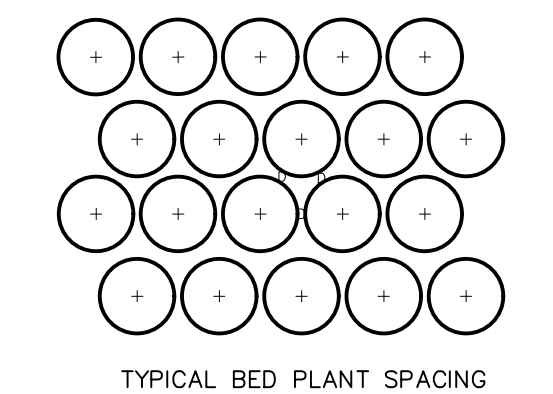
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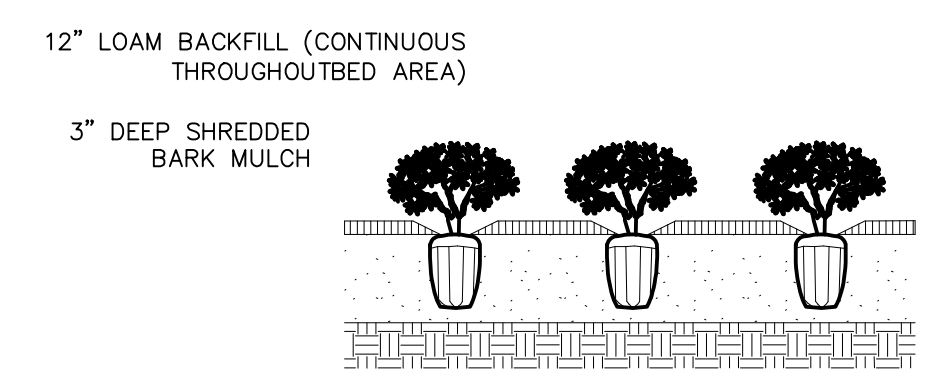


- NOTES:**
1. GUYING AND STAKING TO BE DETERMINED IN THE FIELD BY THE LANDSCAPE ARCHITECT. LOCAL FIELD CONDITIONS AS WELL AS PLANT CHARACTERISTICS WILL DETERMINE THE NECESSITY OF GUYING AND STAKING.
 2. TYPICALLY ONLY TREES WITH A 3" OR GREATER CALIPER NEED TO BE STAKED. TREES WITH LESS THAN A 3" CALIPER NEED TO BE STAKED ONLY AS REQUIRED BY LANDSCAPE ARCHITECT.
 3. ONLY WRAP TREE TRUNKS AS REQUIRED BY LANDSCAPE ARCHITECT.
 4. TREE SHALL BE SET PLUMB, AFTER SETTLEMENT.
 5. LOAM FOR BACKFILLING SHALL BE AMENDED AS REQUIRED BY LANDSCAPE ARCHITECT.
 6. CITY TREES PLANTED ON PRIVATE PROPERTY, ADJACENT TO A PUBLIC RIGHT-OF-WAY, NEED TO BE PLANTED A MINIMUM OF 5 FEET FROM THE EDGE OF THE CITY SIDEWALK.

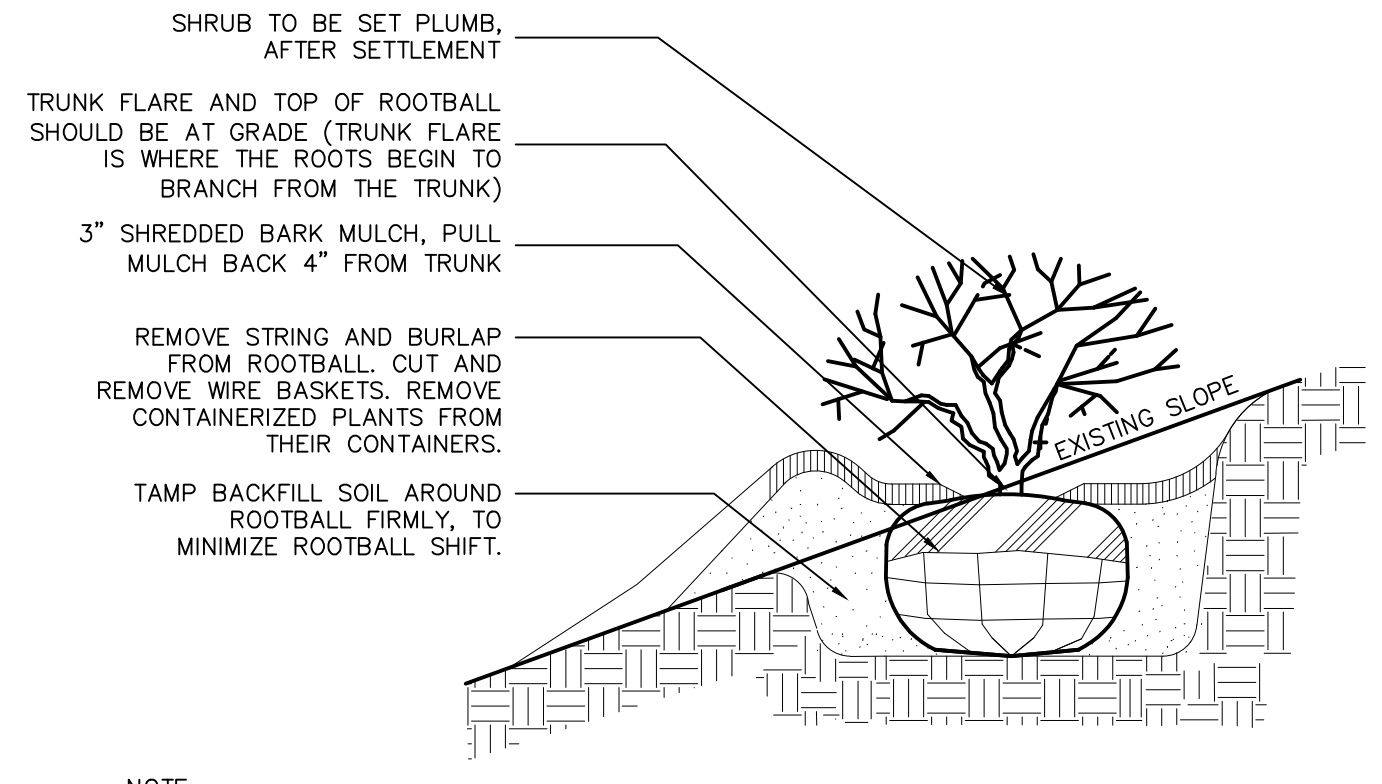
DECIDUOUS TREE PLANTING
NO SCALE



NOTE:
D = DIMENSION OF PLANT SPACING (SHRUB OR GROUNDCOVER AS INDICATED ON PLANS)

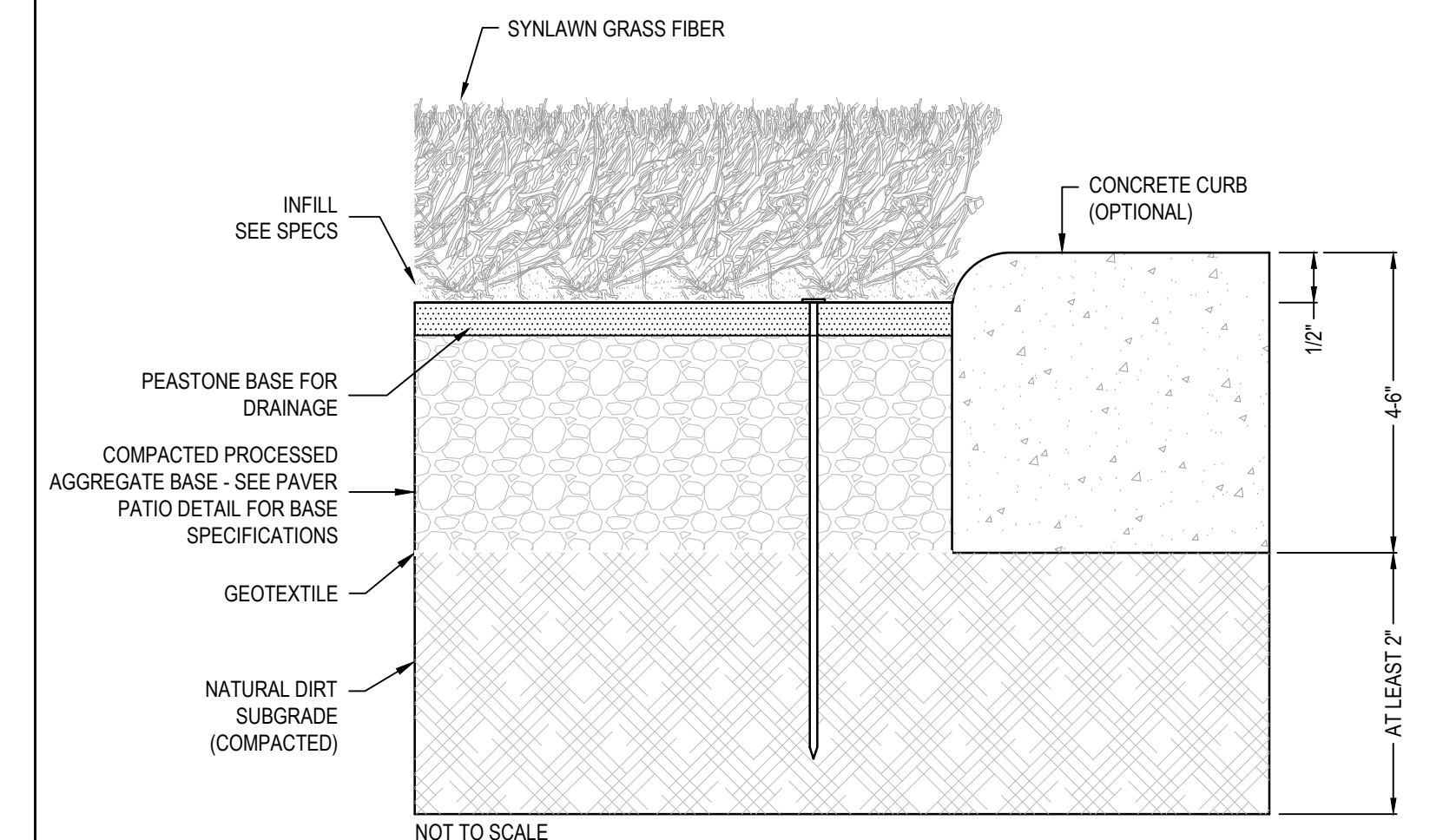


TYPICAL PERENNIAL PLANTING
NO SCALE



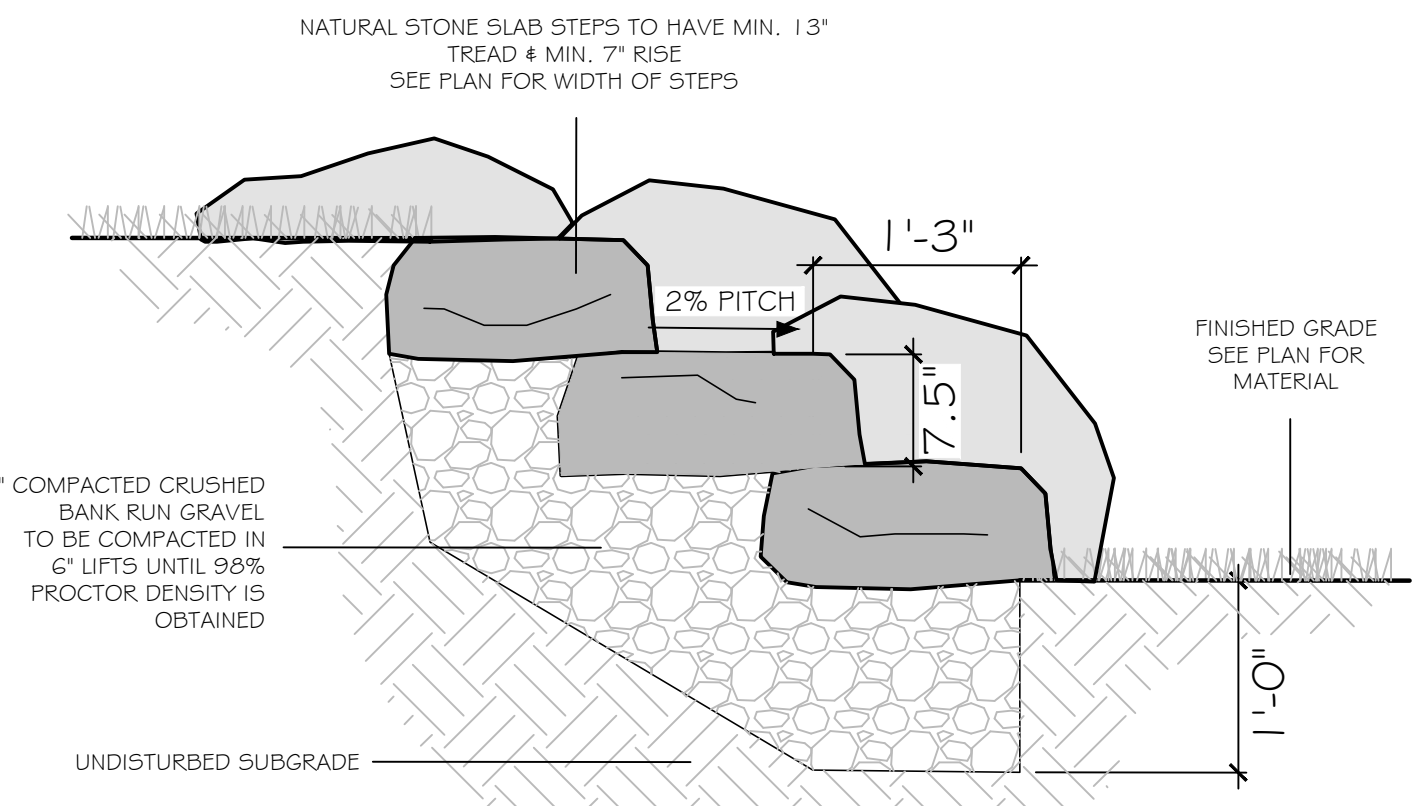
- NOTE:**
1. DO NOT HEAVILY PRUNE SHRUB AT PLANTING, PRUNE ONLY CROSSOVER LIMBS AND DAMAGED OR DEAD BRANCHES.
 2. BACKFILL WITH LOAM. AMEND AS REQUIRED BY LANDSCAPE ARCHITECT.
 3. SHRUBS & GROUNDCOVER PLANTED ADJACENT TO CITY SIDEWALKS NEED TO BE PLACED SO THE PLANTS, AT THEIR MATURE HEIGHT & WIDTH, WILL NOT ENCR OACH INTO THE CITY'S SIDEWALK.

TYPICAL SHRUB PLANTING
NO SCALE

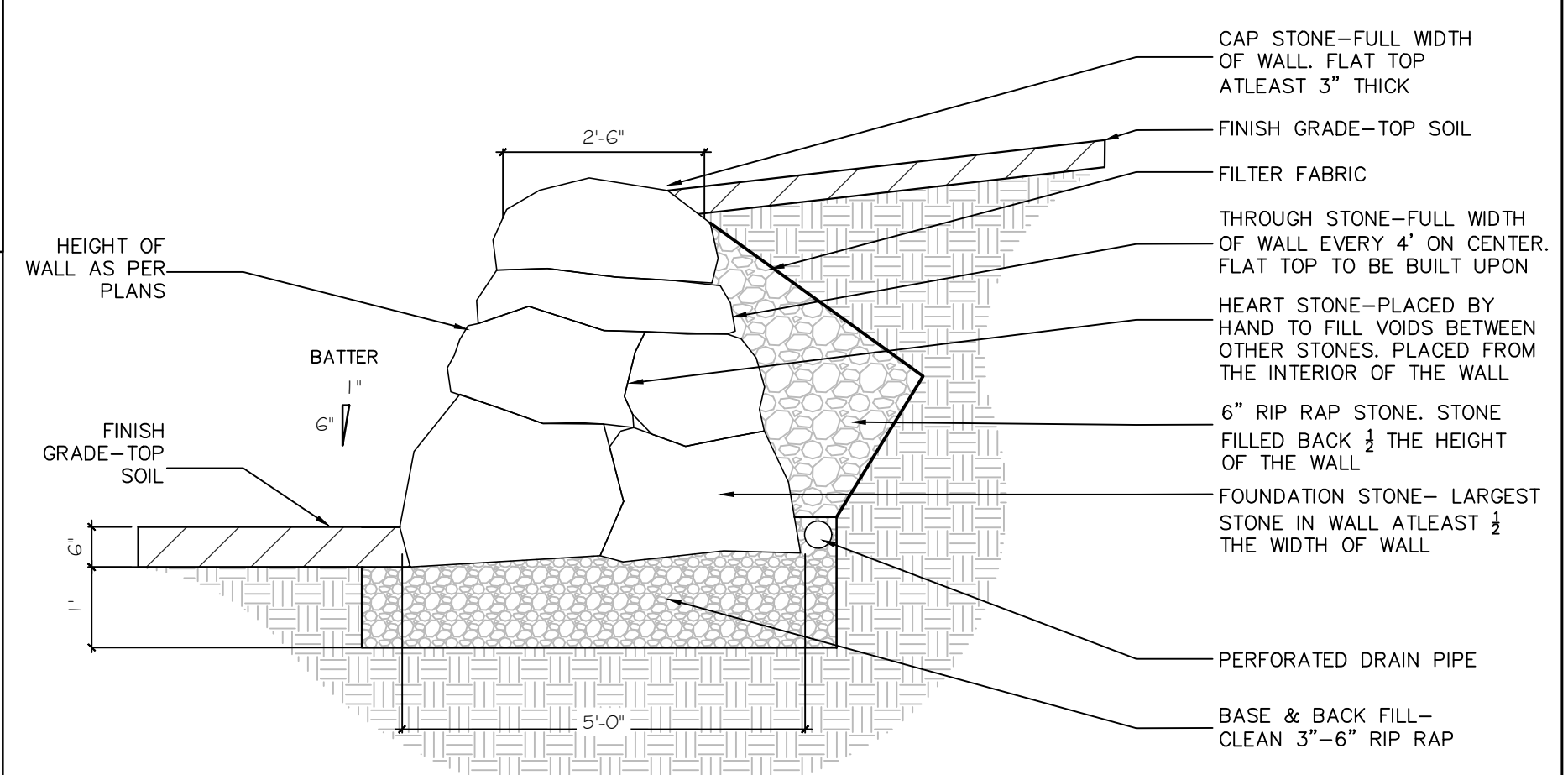


- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.
 3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
 4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CADDETAILS.COM/INFO AND ENTER REFERENCE NUMBER

SYNLAWN ARTIFICIAL GRASS SYSTEM
SYNLAWN GRASS INSTALLED OVER AGGREGATE BASE

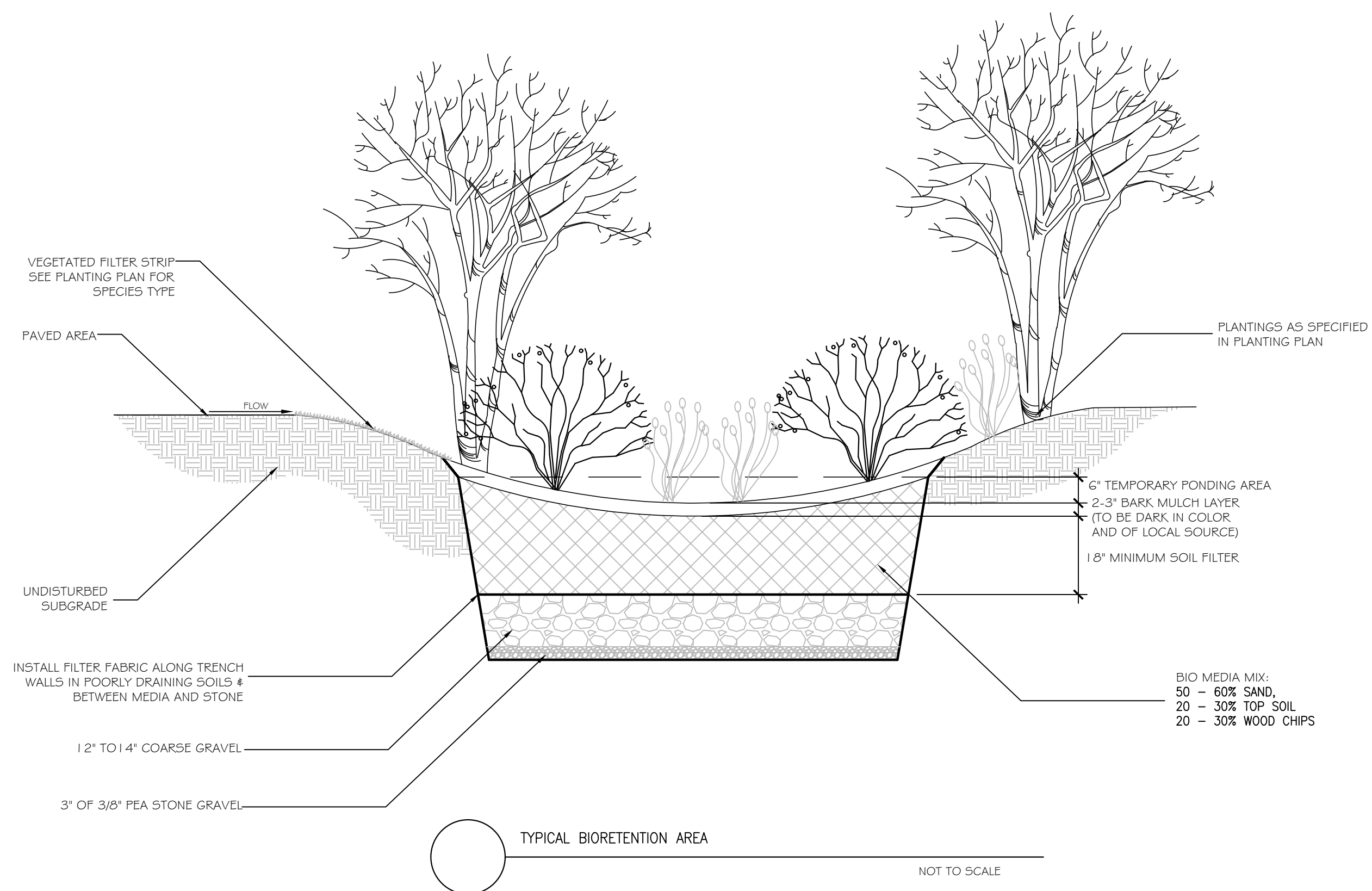


NATURAL STONE SLAB STEPS (CHEEKED WITH BOULDERS)
NUMBER OF STEPS VARIES - SEE PLAN 1" = 1'-0"



BOULDER RETAINING WALL

- WALL SPECS:**
- 1) WALL TO BE BUILT OF NATURAL, LOCALLY AVAILABLE, LEDGE-STONE OR FIELD STONE. SELECTION TO BE APPROVED BY L.A.
 - 2) WALL SHOULD BE BUILT AS DEPICTED IN THE TYPICAL SECTION
 - 3) BUILDING PRACTICES AND CRAFTSMANSHIP SHOULD BE CONSISTENT WITH THE DRY STONE WALLING ASSOCIATION OF GREAT BRITAIN STANDARD PRACTICES
 - 4) NO TRACE WALLING (RUNNING LENGTH OF STONE ALONG THE FACE OF THE WALL) WILL BE ACCEPTED. EVERY STONE MUST HAVE ITS LONGEST DIMENSION RUNNING INTO THE WALL
 - 5) STONES MUST BE SET SO THEY OVERLAP THE JOINTS BELOW IN A 1 ON 2, 2 ON 1 PATTERN. GENERALLY 1 STONE SITTING ON 3 OR MORE BELOW IT IS NOT ACCEPTABLE. VERTICAL "RUNNING JOINTS" BETWEEN MULTIPLE COURSES ARE NOT ACCEPTABLE.
 - 6) CORNERS SHALL BE BUILT WITH LONG STONES, ALTERNATING, THE ORIENTATION, TO SECURELY TIE THE CORNER BACK INTO THE WALL



TYPICAL BIORETENTION AREA

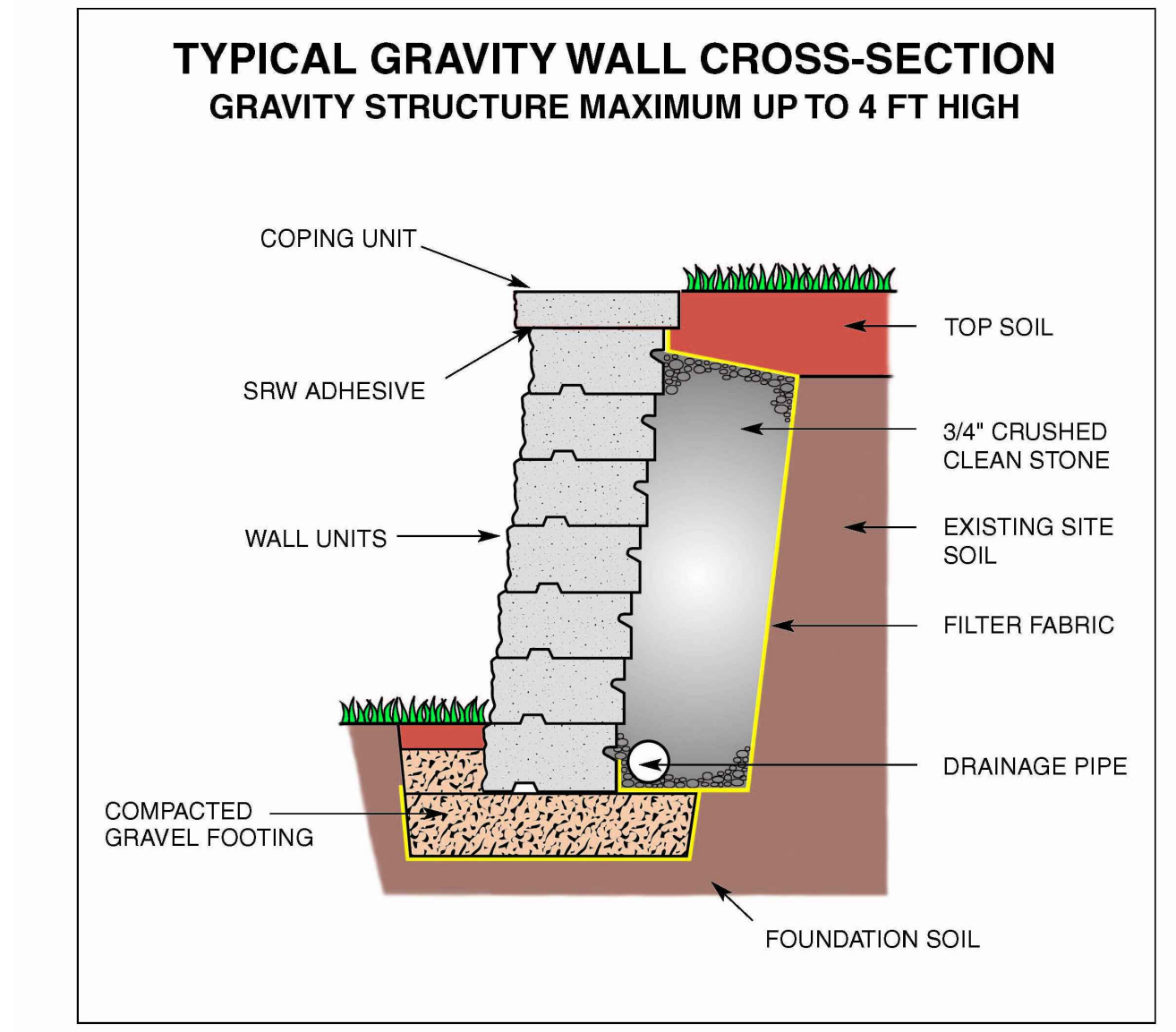
FILTER MEDIA MIXTURES

Component Material	Percent of Mixture by Volume	Gradation of material	
		Sieve No.	Percent by Weight Passing Standard Sieve
Filter Media Option A			
ASTM C-33 concrete sand	50 to 55		
Loamy sand topsoil, with fines as indicated	20 to 30	200	15 to 25
Moderately fine shredded bark or wood fiber mulch, with fines as indicated	20 to 30	200	< 5

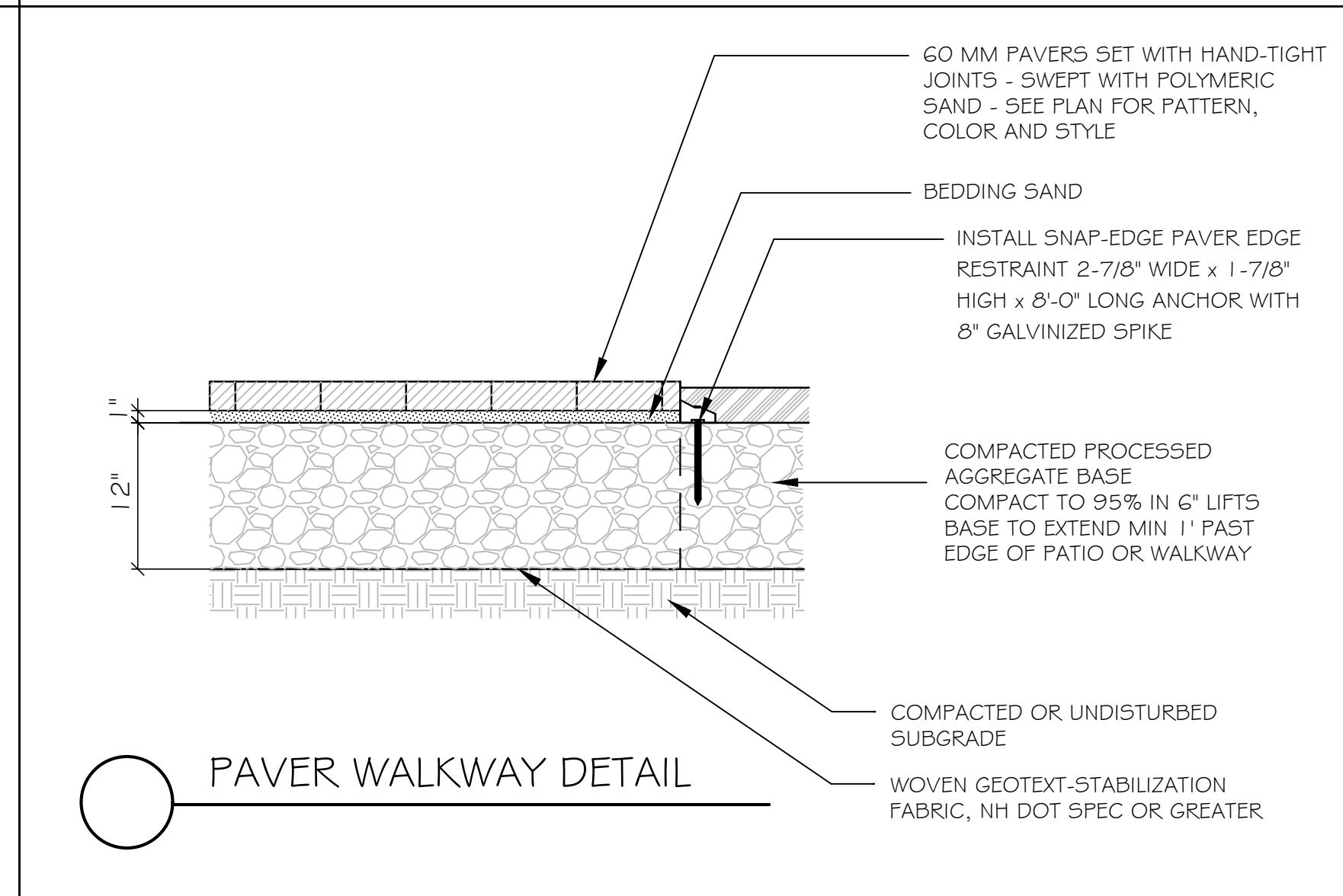
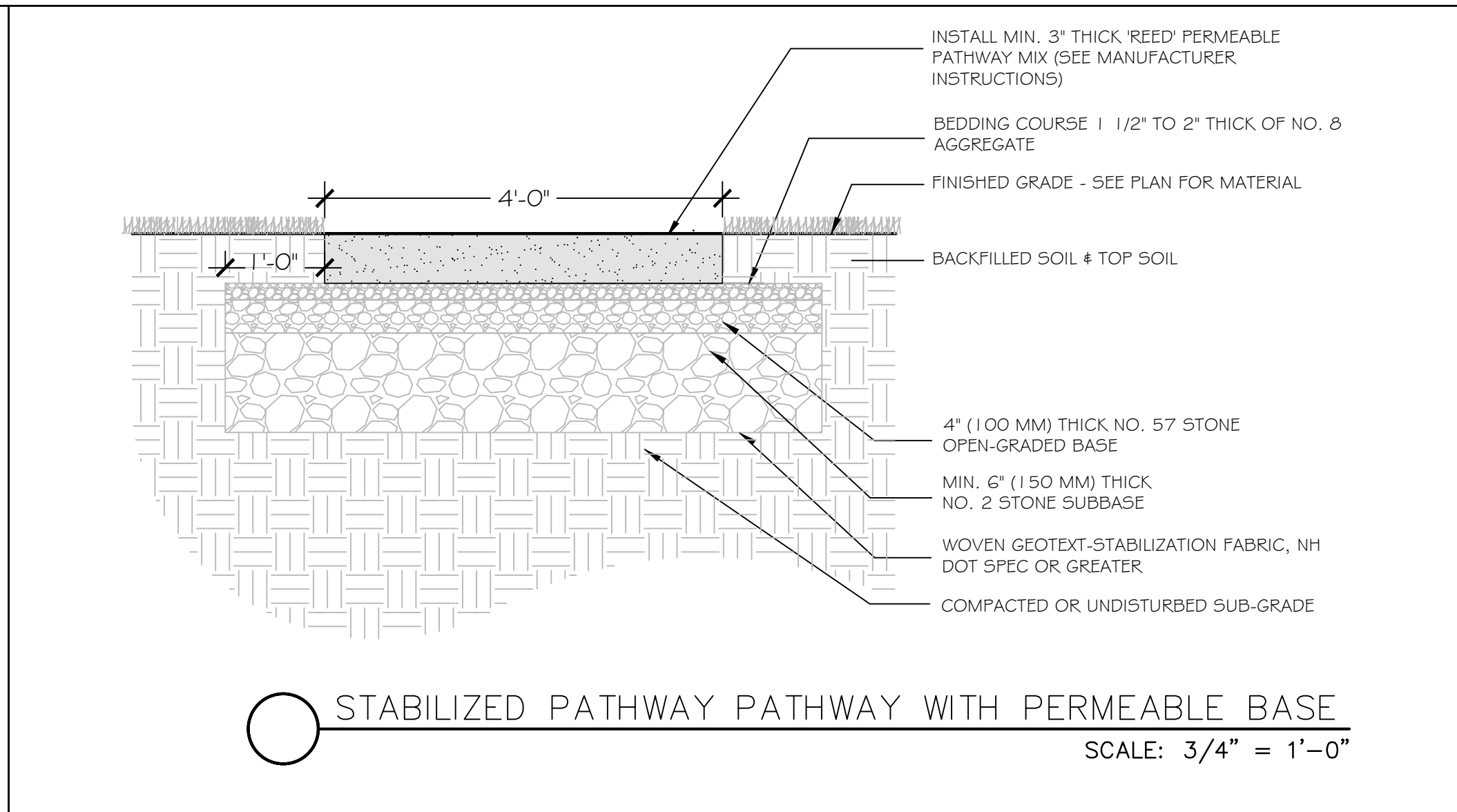
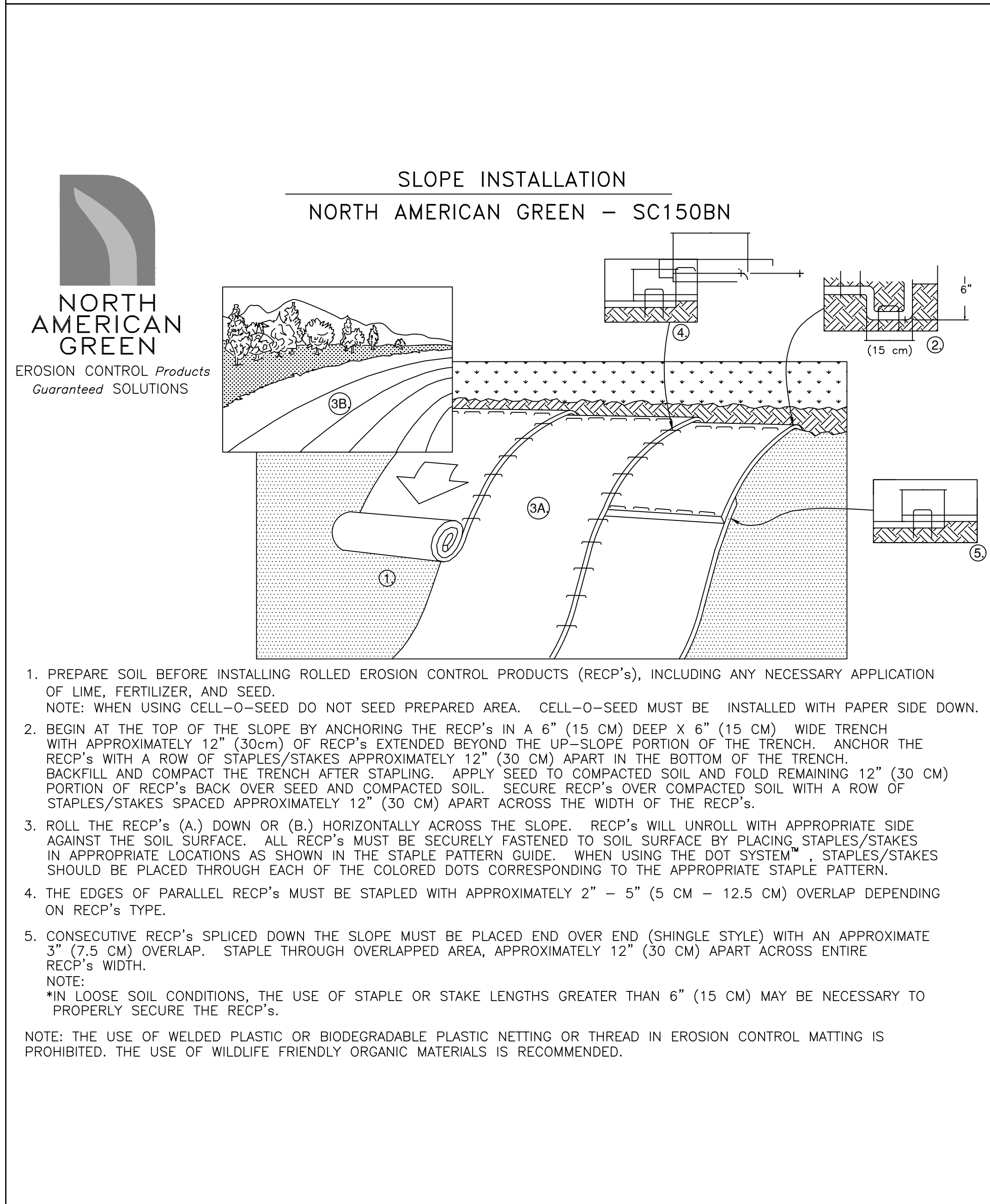
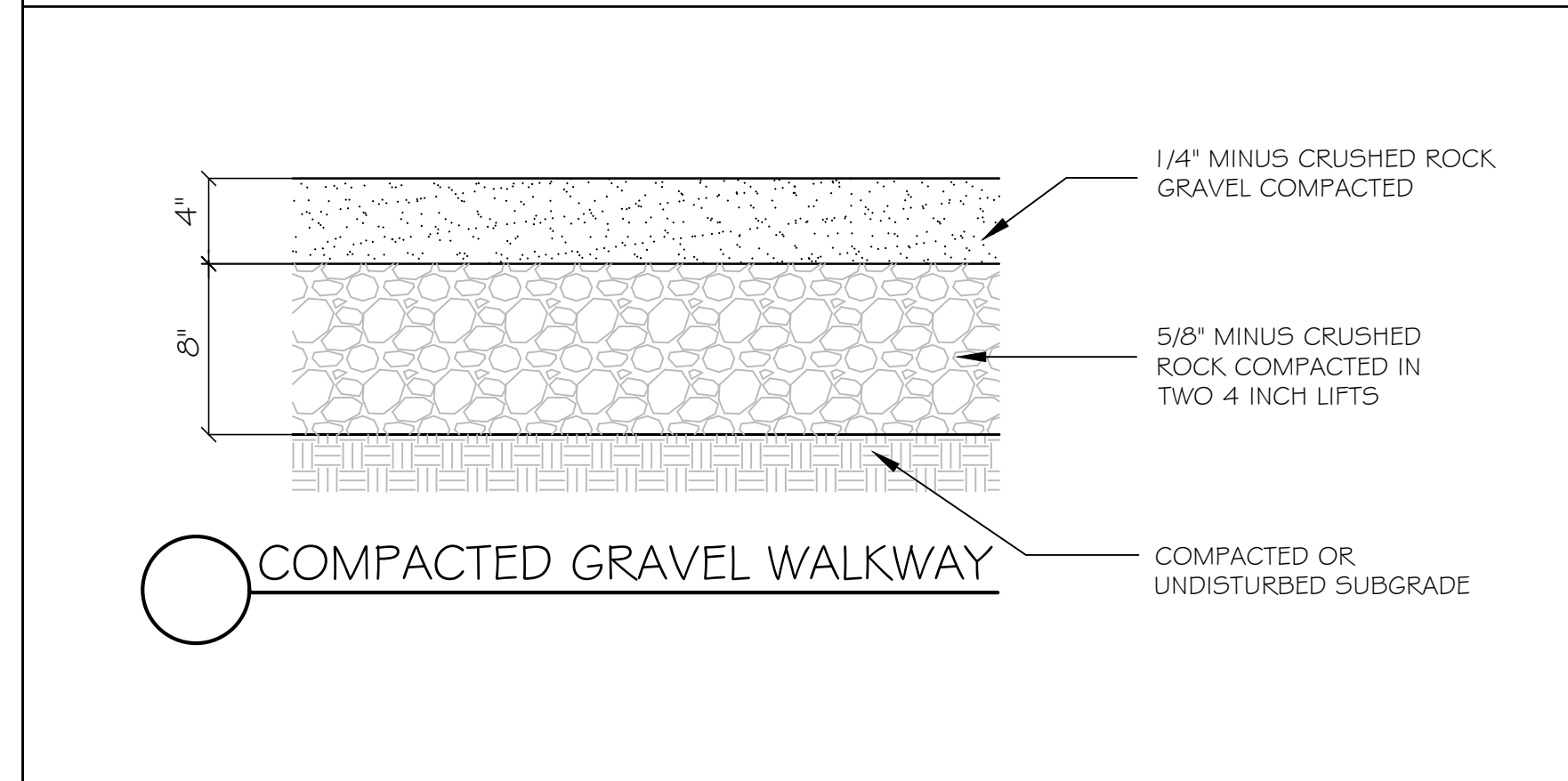
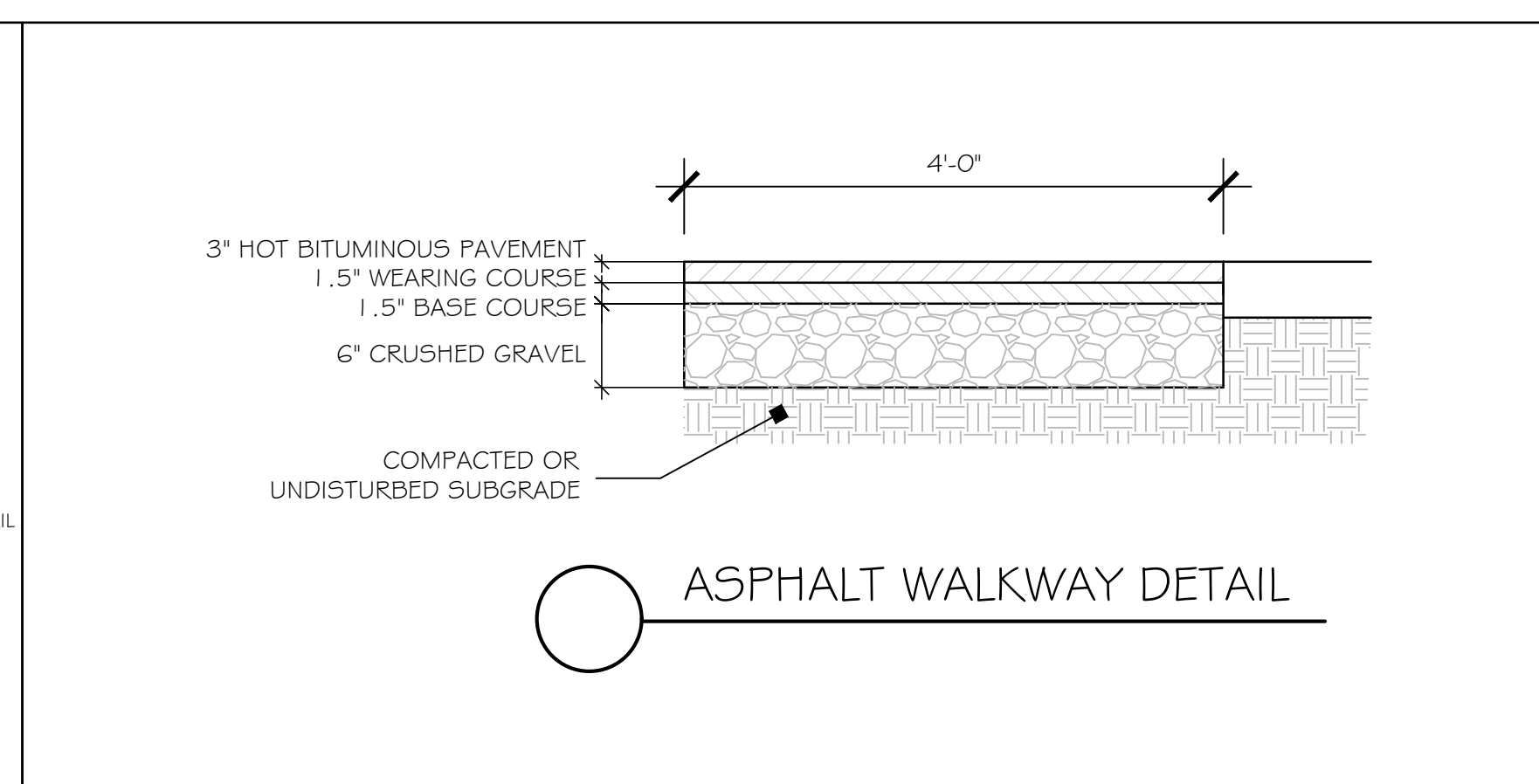
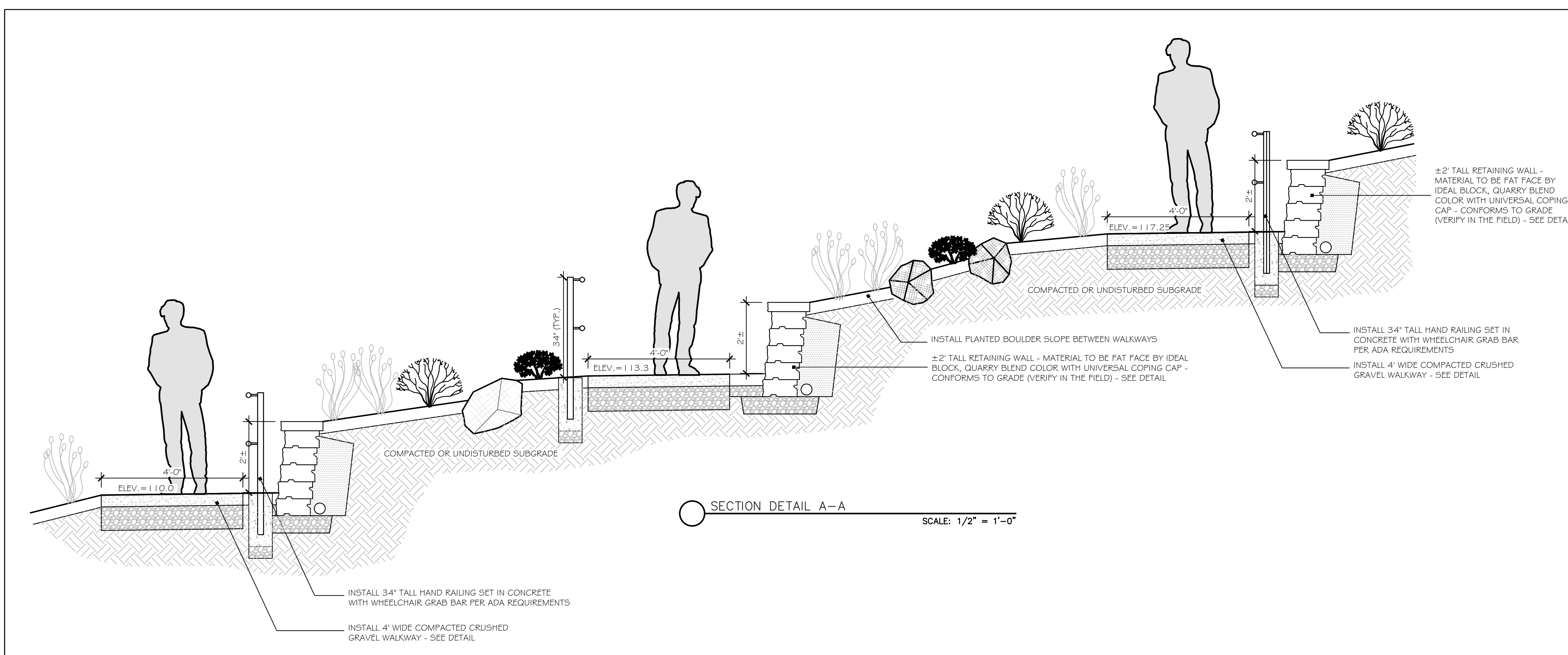
CRUSHED STONE BEDDING *

SIEVE SIZE	% PASSING BY WEIGHT
1"	100
3/4"	90 - 100
3/8"	20 - 55
# 4	0 - 10
# 8	0 - 5

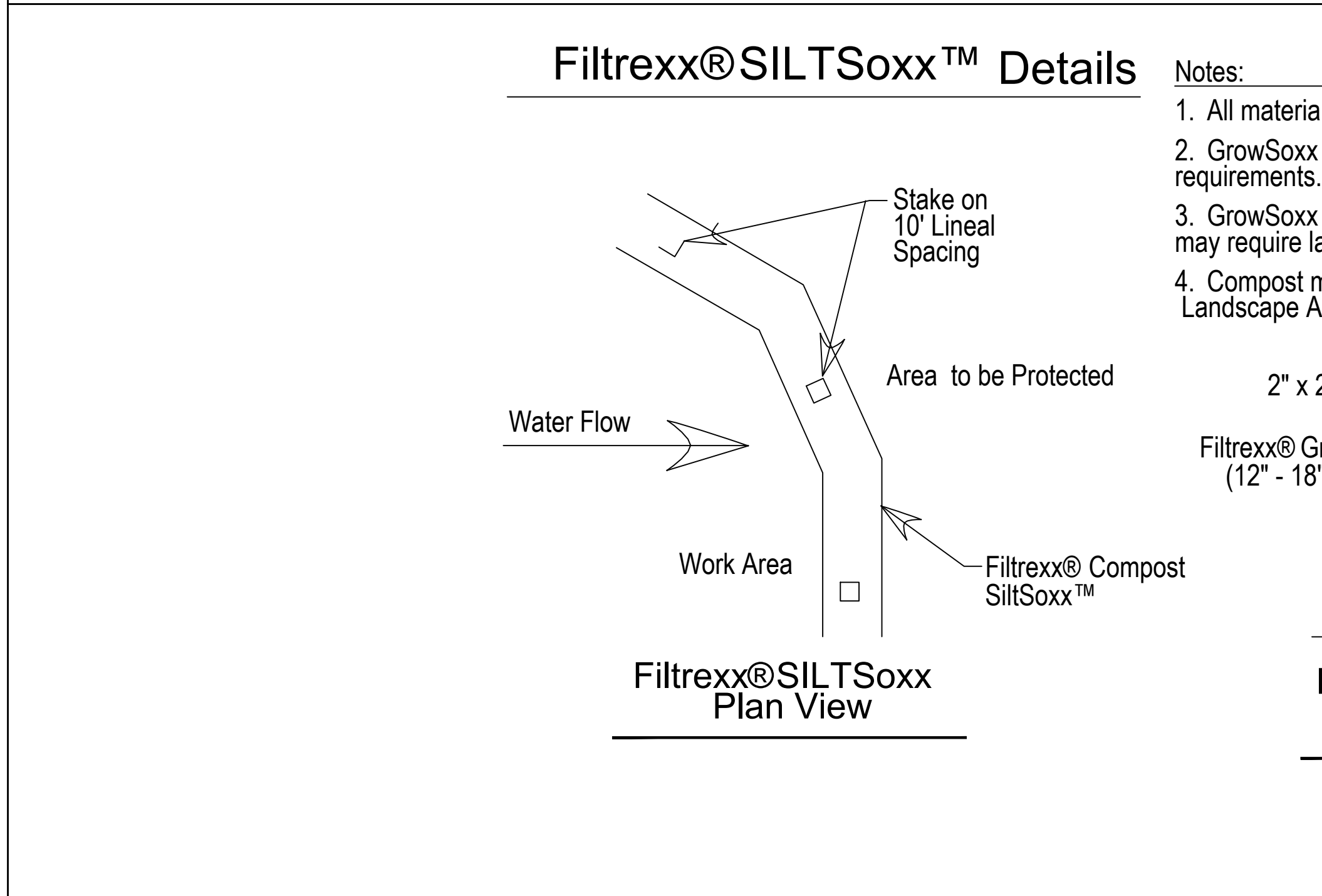
* EQUIVALENT TO STANDARD STONE SIZE #67 - SECTION 703 OF NHDOT STANDARD SPECIFICATIONS



FAT FACE RETAINING WALL BY IDEAL BLOCK
SYNLAWN GRASS INSTALLED OVER AGGREGATE BASE



- PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP's.
- ROLL THE RECP's (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's 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.
- THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.
- CONSECUTIVE RECP's SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP's WIDTH.
NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's.
NOTE: THE USE OF WELDED PLASTIC OR BIODEGRADABLE PLASTIC NETTING OR THREAD IN EROSION CONTROL MATTING IS PROHIBITED. THE USE OF WILDLIFE FRIENDLY ORGANIC MATERIALS IS RECOMMENDED.



- Notes:
- All material to meet Filtrexx® specifications
 - GrowSoxx compost/soil/rock/seed fill to meet application requirements.
 - GrowSoxx depicted is for minimum slopes. Greater slopes may require larger socks per the Landscape Architect.
 - Compost material to be dispersed on site, as determined by Landscape Architect.

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**NEW BOSTON
CENTRAL SCHOOL**

Site Location:
15 Central School Road
New Boston, NH 03070

Prepared For:
SAU #19
15 Central School Road
New Boston, NH 03070

**CONSTRUCTION
DETAILS**

DATE: 09 - 09 - 22

SCALE: AS NOTED

PROJECT #: 2235

Drawn By: RNM

Checked By: ERB

REVISIONS: DATE:
Issued for Pricing 01-09-23
Revised 11-18-24
Revised for Bidding 01-30-25

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L - 04

New Boston Central School		
15 Central School Road New Boston, NH 03070		
All locations and measurements are approximate. Contractor shall verify dimensions, quantities and materials in the field prior to estimating.		
KEY		
	S.F. - Square Feet	QTY - Quantity
PRELIMINARY LANDSCAPE CONSTRUCTION BUDGET	S.F.F. = Square Face Feet	L.F. = Linear Feet
	CY = Cubic Yards	
Project #2235	Quantity	Total Grounds
SITE WORK	Total	
Install Silt Soxx for Erosion Control		
Erosion Control Matting		
Base Preparation, Excavation & Compaction For All Walls, Walkways, Steps, etc.		
Excavate Any Proposed Utilities (I.e. Electricity, etc.)		
Excavate, Install Drainage Swale & Install 3" to 6" River Stone (Finished Swale Needs To Look Like Dry River Bed.)	Allowance	
Install Sleeves When Needed	Allowance	
Install Decorative Boulders Throughout Playground (Final Location TBD By LA)	Allowance	
Site Work Contractor to Bring All Areas to Within 18" of Finished Grade		
6" Perforated Drain Pipe From Rain Garden to Dry River Bed Drainage Channell	20 L.F.	
HARDSCAPE	Total	
Install (19) 4' Wide Stone Steps To Access The Top Of Slide Area	19 Qty	
Install Machine Stacked Boulder Wall To Retain Takeoff Platform For Slide	24 L.F.	
Install Machine Stacked Boulder Wall At the Back of Slide Landing Zone	25 L.F.	
Install Ideal Fat Face Retaining Wall To Help Retain Pathway	400 S.F.F.	
SOFTSCAPE	Total	
Install Play Woodchips At The Bottom Of Slides To Create A Landing Zone - 12" Deep Min.	200 S.F.	
Install 4' Wide Ramped Compacted Gravel or Ledgepack Pathway To Access Treehouse	1,480 S.F.	
Install Compacted Gravel or Ledgepack Entrance Walkway	200 S.F.	
Install Play Woodchips at Upper Slide Platform - 8" Deep Min.	180 S.F.	
Prepare All Planting Beds With Loam Compost Mix	Allowance	
Bark Mulch All Planting Beds	950 S.F.	
Install Tree Buffer Plantings Along Pavement Edge (See Planting Schedule 'A')	Allowance	
Install Erosion Control Plantings (See Planting Schedule 'B')	Allowance	
Rain Garden Plantings (See Planting Schedule 'C')	Allowance	
Loam & Seed All Disturbed Areas With Wildflower Mix	Allowance	
FENCING	Total	
Metal Railing Along Ramped Access to Treehouse	360 L.F.	
MISCELLANEOUS	Total	
Irrigation		
Repair Existing Slide		
ALTERNATES	Total	
Install 4' Wide Ramped Asphalt Pathway To Access Treehouse	1,480 S.F.	
Install 4' Wide Ramped Stabilized Soil Pathway To Access Treehouse	1,480 S.F.	
Main Entrance Sign Portal		
Install Concrete Paver Entrance Walkway with Compass Inlay	200 S.F.	
Install Artificial Turf at Upper Slide Platform	180 S.F.	
Install Log Steppers Varying In Height Connecting Pathway	Allowance	
Pressure Treated Wood Railing Along Ramped Access to Treehouse	360 L.F.	









