

32/47

JOSEPH M. GASPARIK
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597 NH ROUTE 4A
ENFIELD, NEW HAMPSHIRE 03748

LEGEND

- CONTOUR
- EDGE OF GRAVEL
- EDGE OF TRAIL/DIRT PATH
- UTILITY POLE/GUY WIRE
- CATCH BASIN
- STORMWATER PIPE
- SANITARY MANHOLE
- SIGN
- KIOSK
- BOLLARD
- HYDRANT
- HARDWOOD TREE
- SOFTWOOD TREE
- GARDEN
- BOULDER
- WETLANDS
- EDGE WATER (DAY OF SURVEY)

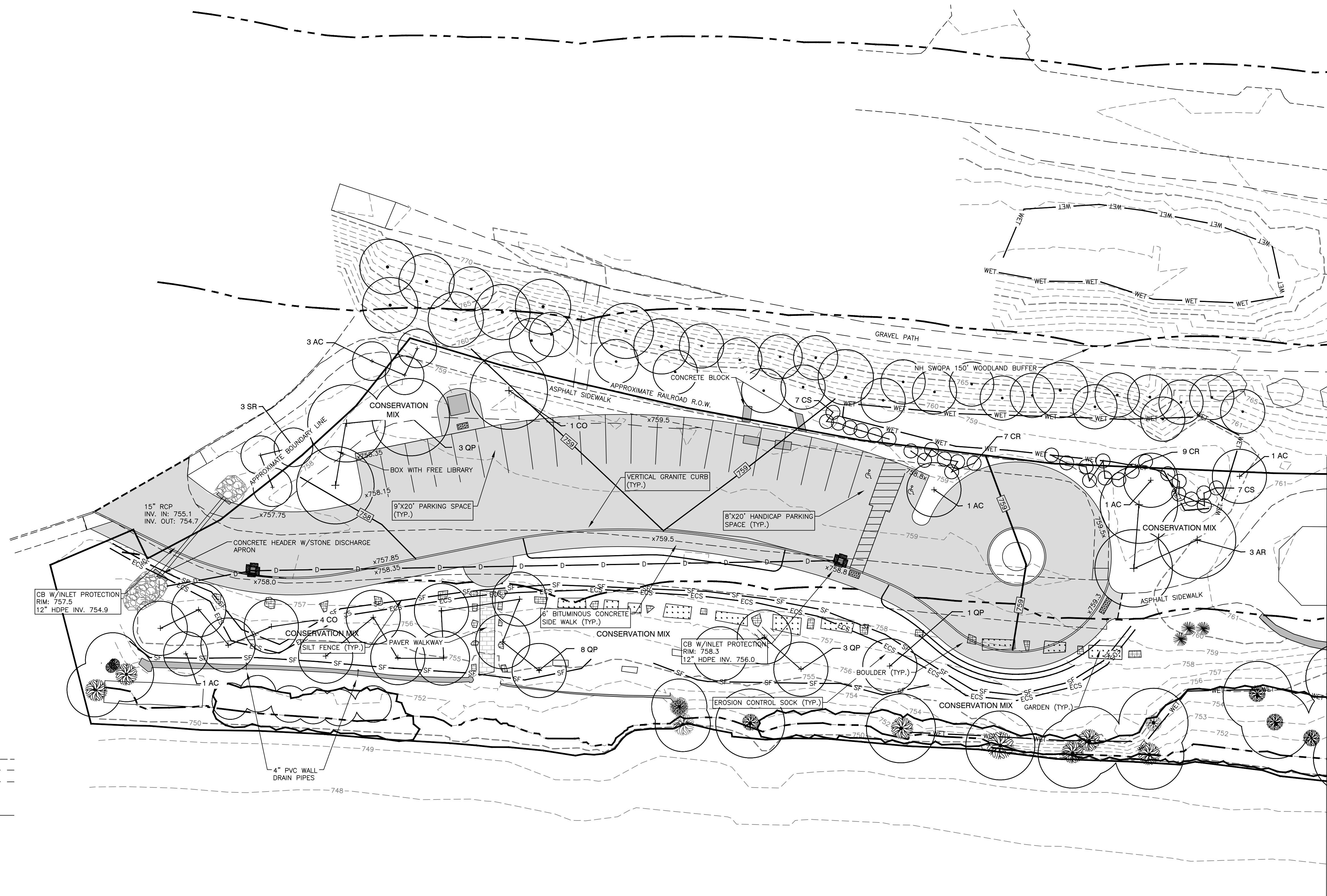
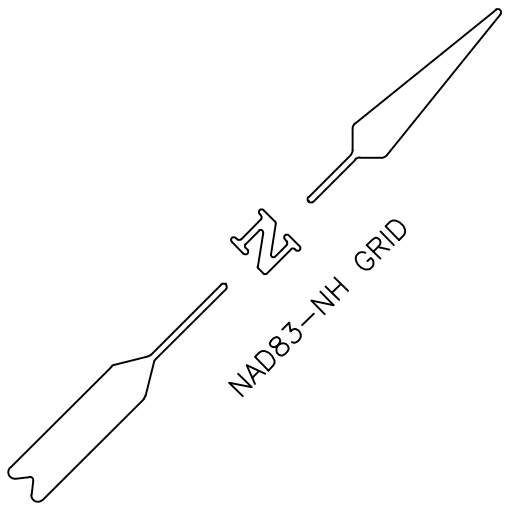
REVISION NO.	DATE	DESCRIPTION	MADE BY	CHECKED BY	APPROVED BY

OVERALL SITE PLAN & PHOTO LOCATION FOR
TOWN OF ENFIELD - MASCOMA LAKESIDE PARK
197 MAIN STREET - ENFIELD, NEW HAMPSHIRE

PATHWAYS CONSULTING, LLC

240 MECHANIC STREET, SUITE 100
LEBANON, NEW HAMPSHIRE 03766
(603) 448-2200

SCALE: AS SHOWN
DESIGNED BY: PAB
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DATE: 02/08/24
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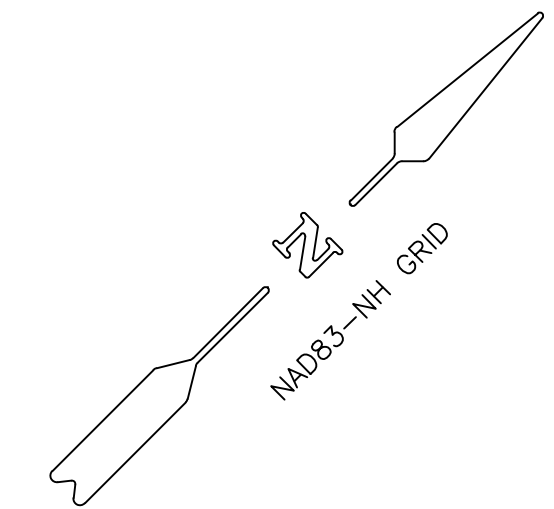
MATH TO SHEET 4

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SITE PLAN FOR
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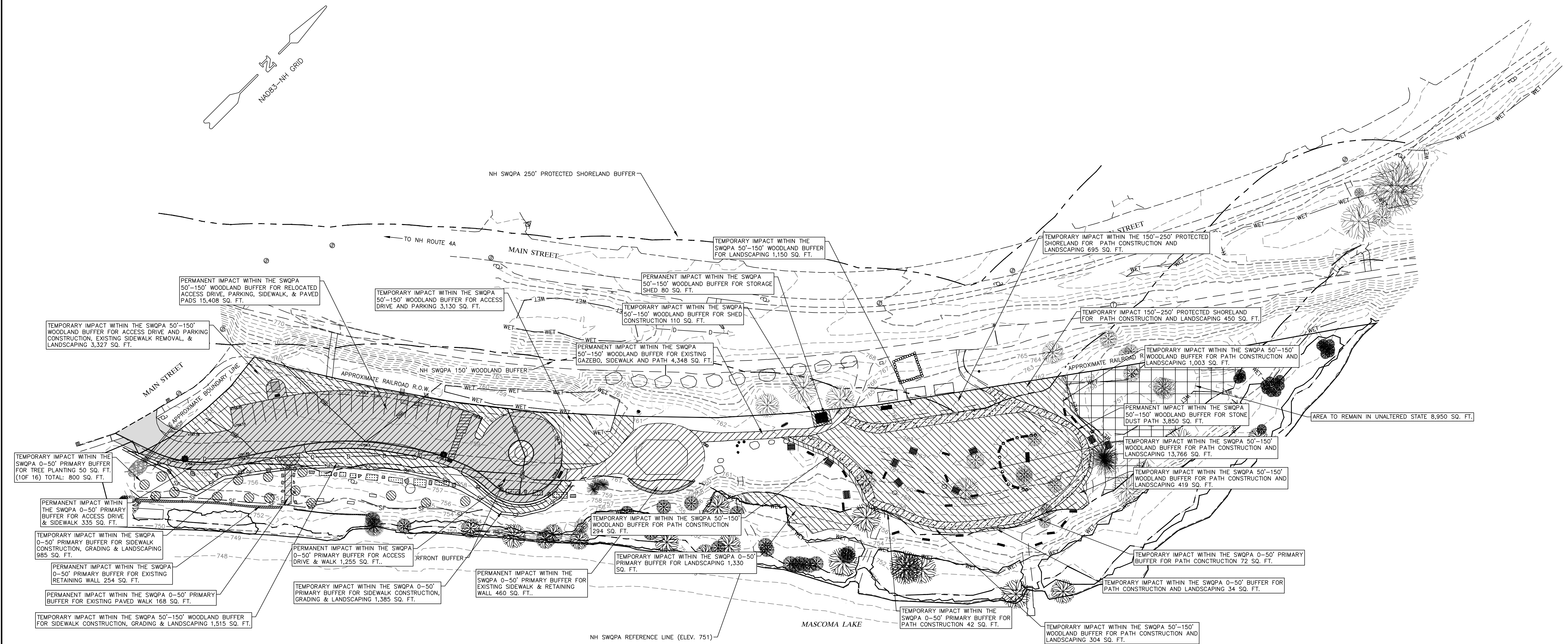


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LEGEND:

PERMANENT IMPACT	
TEMPORARY IMPACT	
AREA TO REMAIN IN UNALTERED STATE	



NHDES SWQPA IMPERVIOUS AREA CALCULATION:

STRUCTURES:	EXISTING	PROPOSED
GAZEBO	1,082 SF	1,082 SF
SHED	0 SF	80 SF
BENCHES	36 SF	300 SF
DRIVE & PARKING	17,570 SF	14,474 SF
PATHS	918 SF	4,727 SF
WALKS	4,406 SF	5,096 SF
RETAINING WALLS	399 SF	399 SF
TOTAL:	24,411 SF	26,158 SF

AREA OF LOT WITHIN PROTECTED SHORELAND: 135,036± SQ. FT. (3.1± ACRES)
IMPERVIOUS COVER: 18.1% EXISTING
IMPERVIOUS COVER: 19.4% PROPOSED

NHDES SWQPA AREA CALCULATIONS

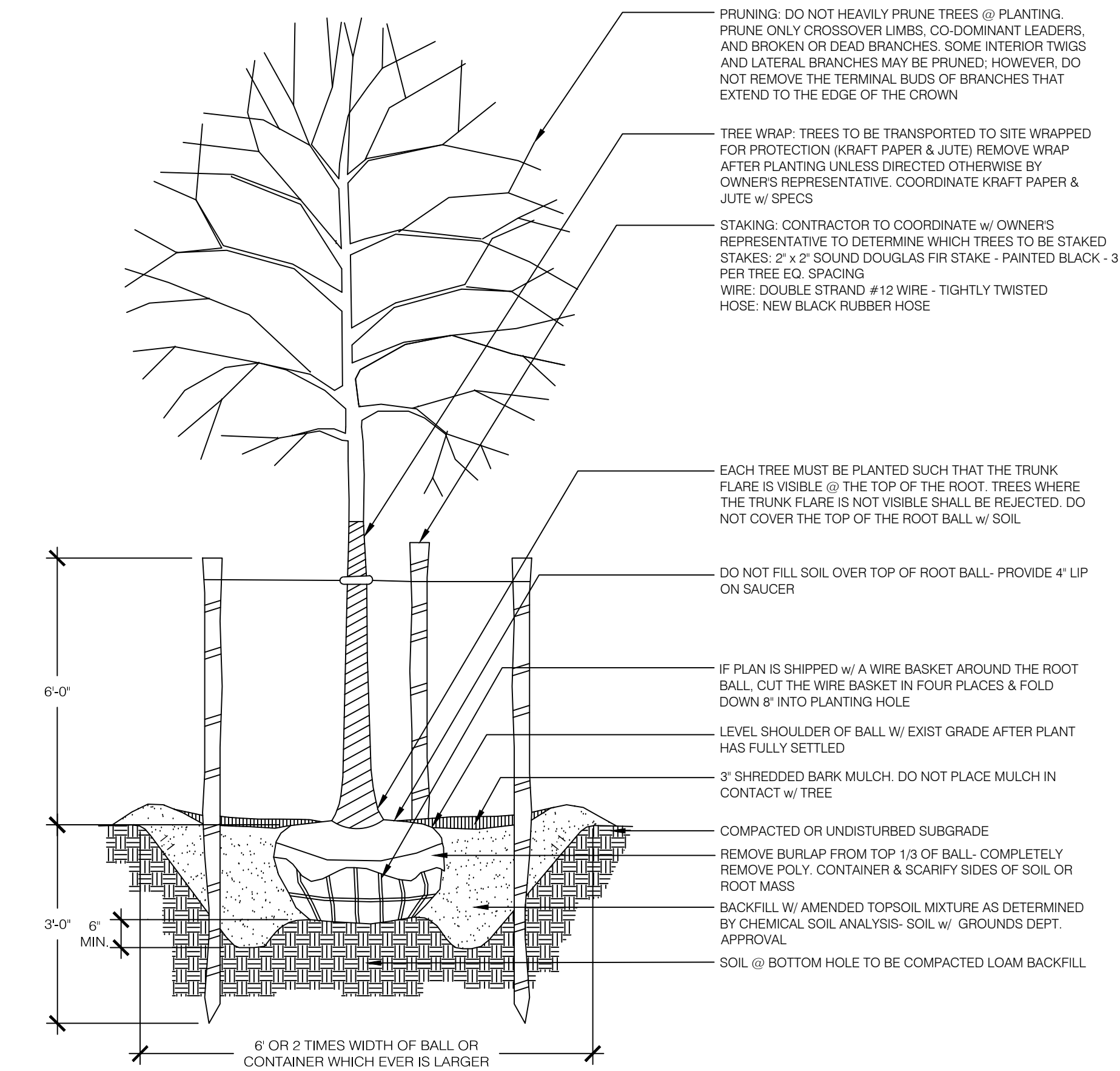
	PERMANENT	TEMPORARY
PRIMARY BUFFER & WATERFRONT SETBACK 0'-50':	2,472 SF	6,163 SF
NATURAL WOODLAND BUFFER 50'-150':	23,546 SF	21,314 SF
PROTECTED SHORELAND 150'-250':	140 SF	1,145 SF
TOTAL:	26,158 SF	28,622 SF

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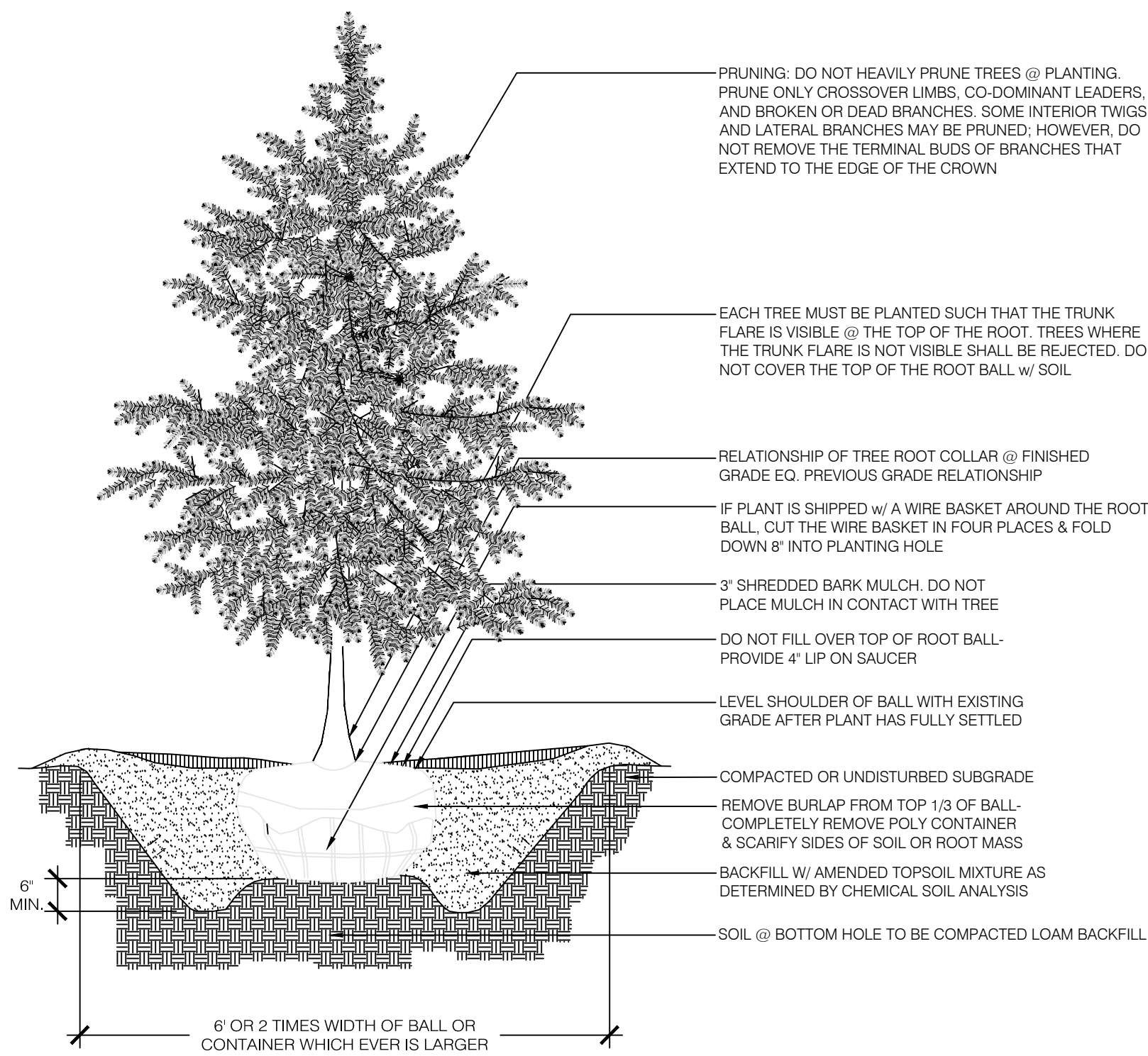
SWQPA IMPACT PLAN FOR
TOWN OF ENFIELD - MASCOMA LAKESIDE PARK
197 MAIN STREET - ENFIELD, NEW HAMPSHIRE

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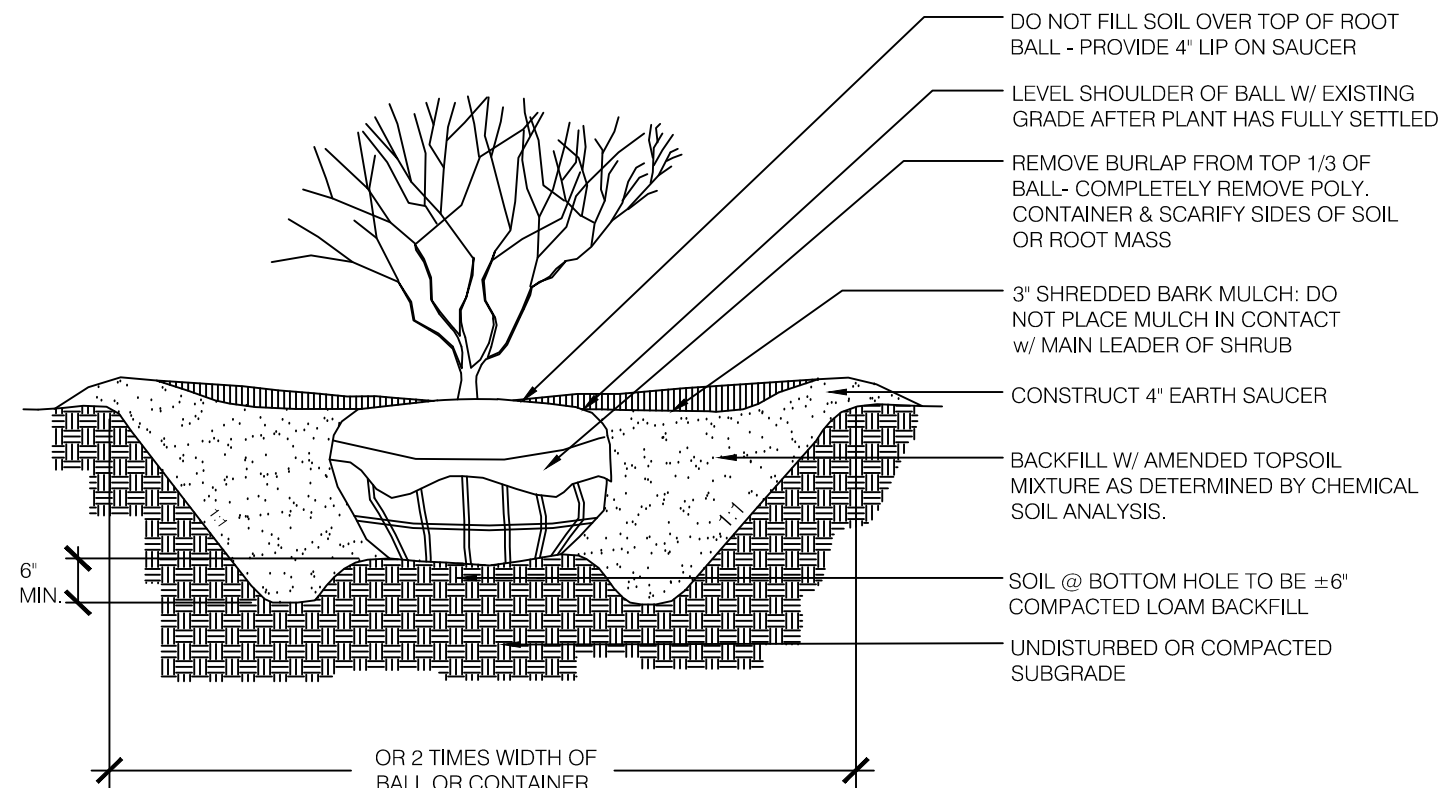
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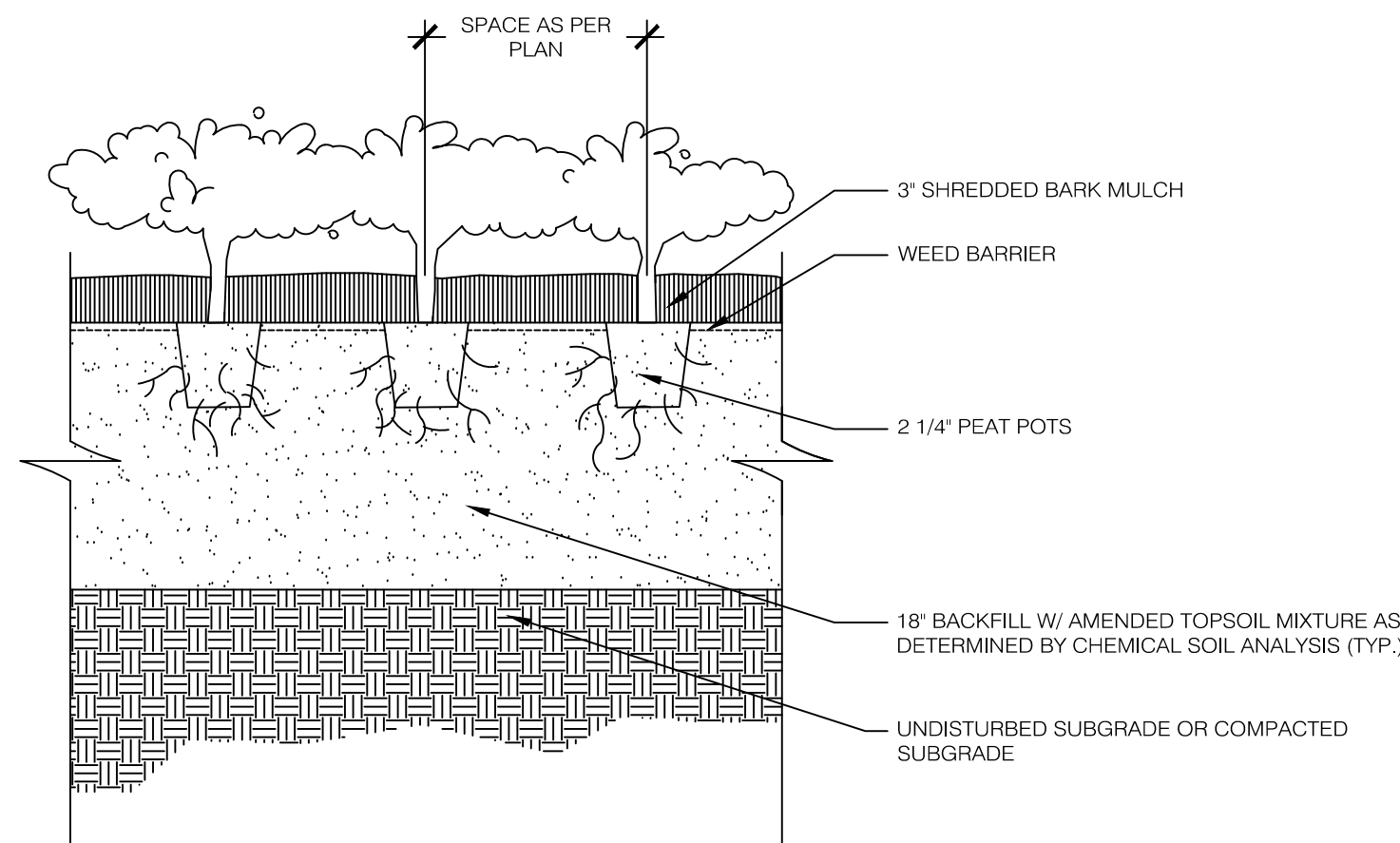
TYPICAL DECIDUOUS TREE PLANTING DETAILS
SCALE: N.T.S.



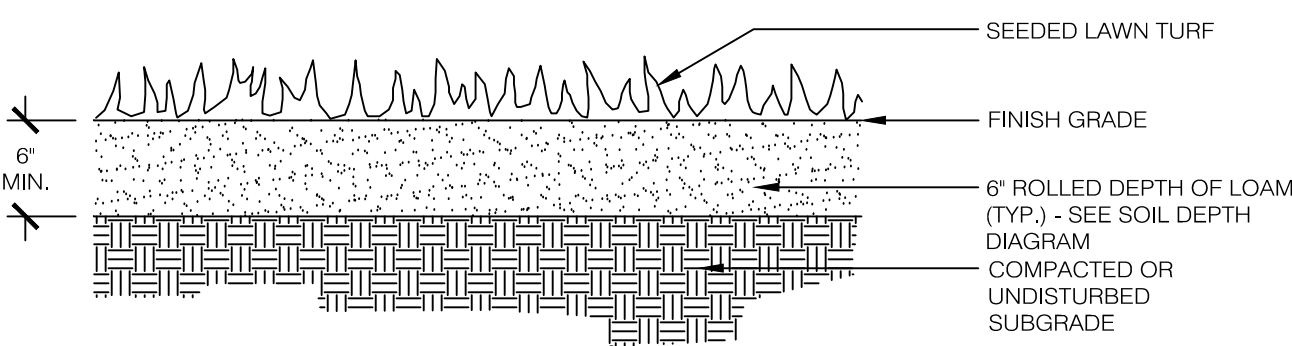
TYPICAL EVERGREEN TREE PLANTING
SCALE: N.T.S.



TYPICAL SHRUB PLANTING DETAIL
SCALE: N.T.S.



TYPICAL GROUNDCOVER/ VINE/ PERENNIAL PLANTING DETAIL
SCALE: N.T.S.



TYPICAL LOAM AND SEED DETAIL
SCALE: N.T.S.

PLANTING NOTES:

1. The Contractor shall review the written specifications for tree and shrub planting, groundcover & plants and seeding prior to submitting bid. No extraneous requirements have been included in the Specifications and Drawings. The Contractor shall also become familiar with existing and proposed site conditions prior to submitting bid.
2. The Contractor shall coordinate this work with other contractors performing work on the site.
3. The Contractor shall verify all grades, dimensions, and existing conditions and report any discrepancies to the Landscape Architect.
4. The Contractor shall locate and verify all existing and newly installed underground utilities prior to any lawn work or tree and shrub planting and shall immediately report any conflicts to the Landscape Architect.
5. The Contractor shall supply all plant material in quantities sufficient to complete the planting shown on the drawings. Quantities in Plant Schedule are for reference only.
6. All new plant material shall be nursery-grown stock and shall conform to guidelines established by the "American Standards for Nursery Stock" published by the American Association of Nurserymen- latest edition (ANSI Z60.1).
7. No plant or cultivar substitutions will be acceptable.
8. Plant material shall be inspected by Owner's Representative for acceptance prior to planting.
9. Locations of new plant material shall be staked or set out by Contractor and approved and faced by the Landscape Architect prior to planting.
10. Refer to Planting Details and Specifications for information relating to planting pit dimensions and extent and composition of backfill material.
11. The trees shall bear the same relationship to tree pit finish grade as to the original grade prior to digging.
12. The Contractor shall remove all plastic materials from around the root balls of the plants after positioning in the plant pits. Remove burlap, rope, and wire from around the trunks sufficiently so that no burlap, rope, or wire will be exposed after backfilling.
13. Contractor shall exercise extreme care in working in areas of existing trees. Existing plants to remain and be protected which are injured or destroyed during construction shall be replaced by Contractor with plants of equal size and species at no cost to the Owner.
14. All areas that have been disturbed by construction activity and not paved or occupied by site structures, etc., shall be topsoiled and seeded / reconditioned as specified.
15. The trees and shrubs shall be watered by the contractor twice during the first 24 hours of planting.
16. The plants shall be maintained by the contractor during the warranty period.

Plant List

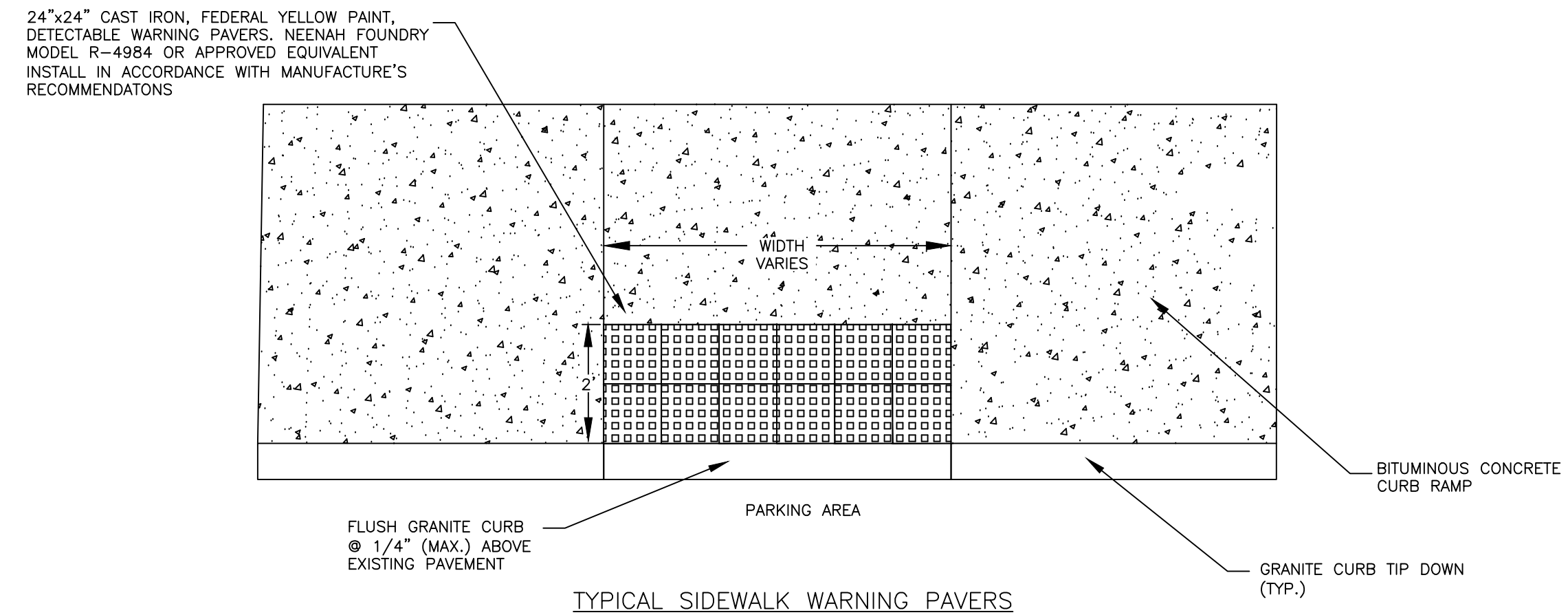
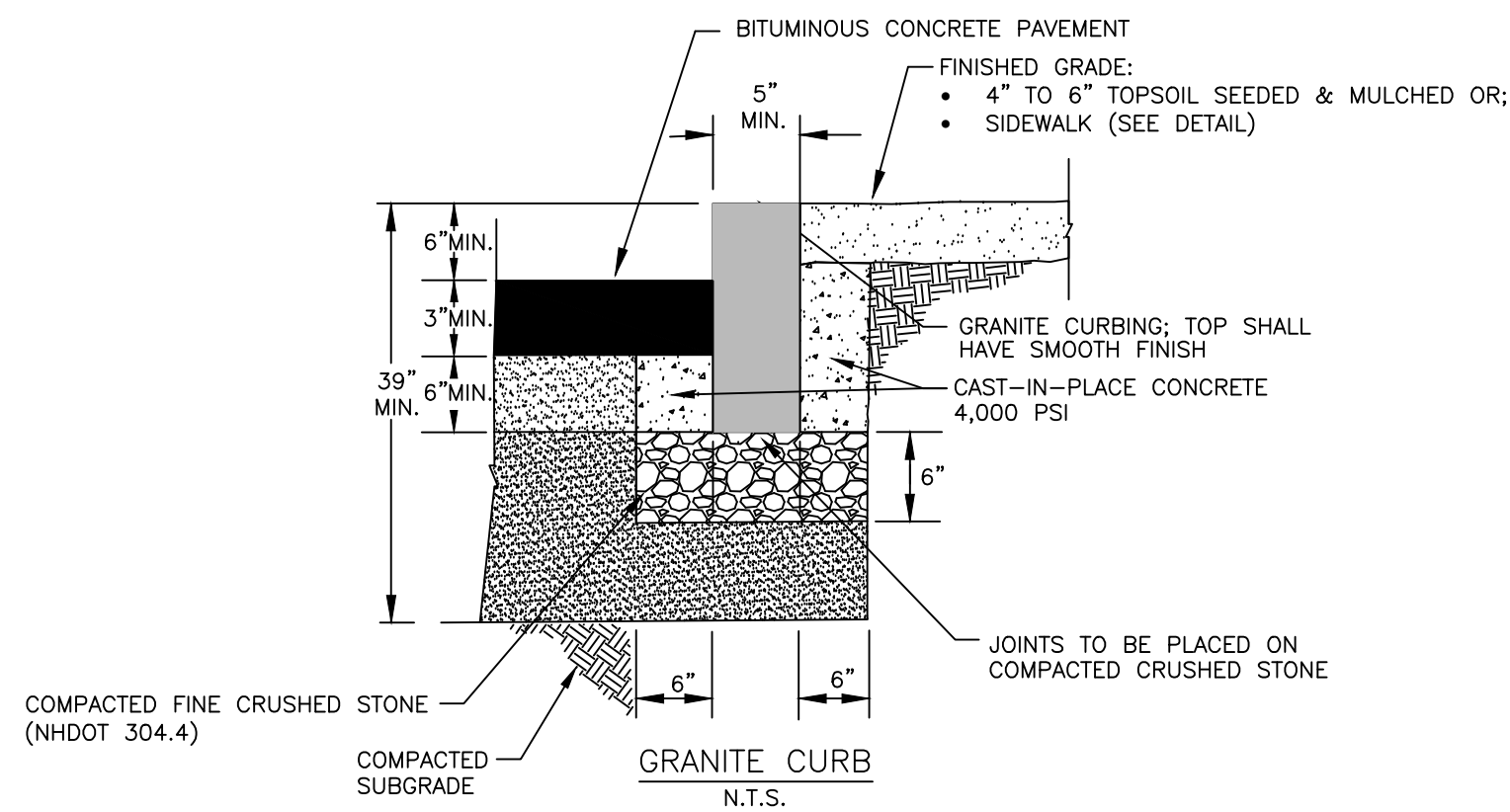
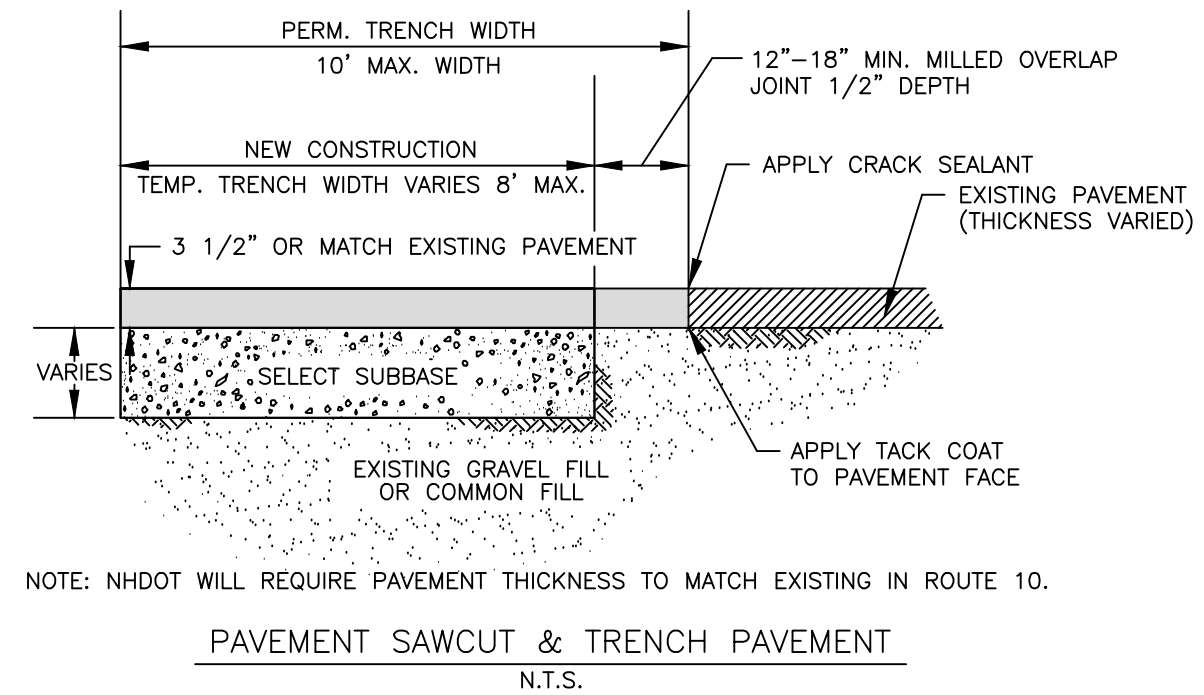
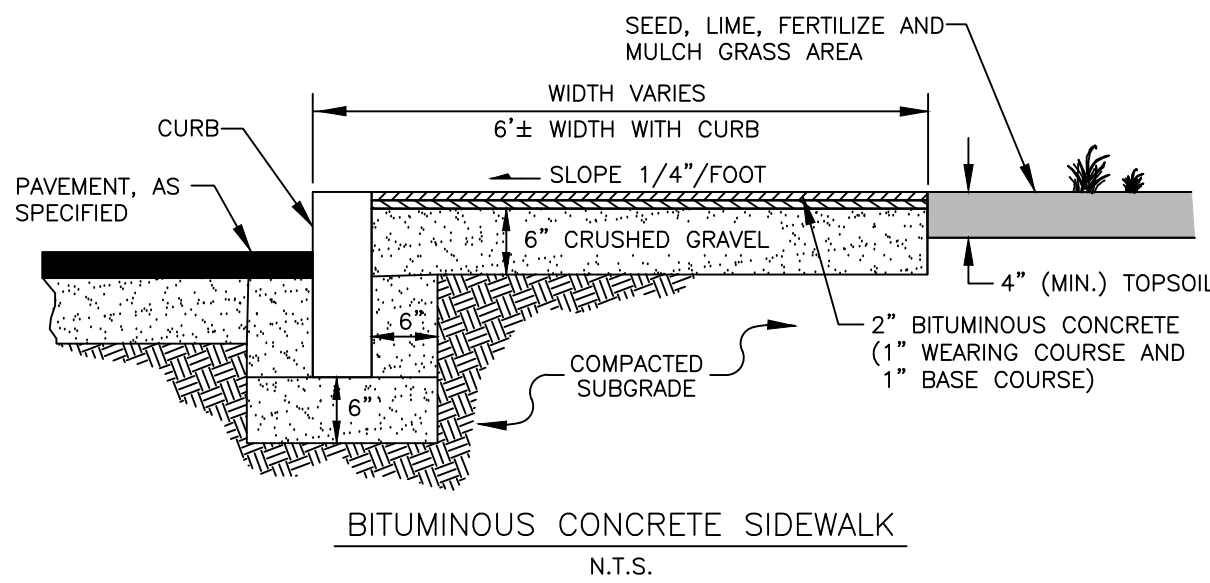
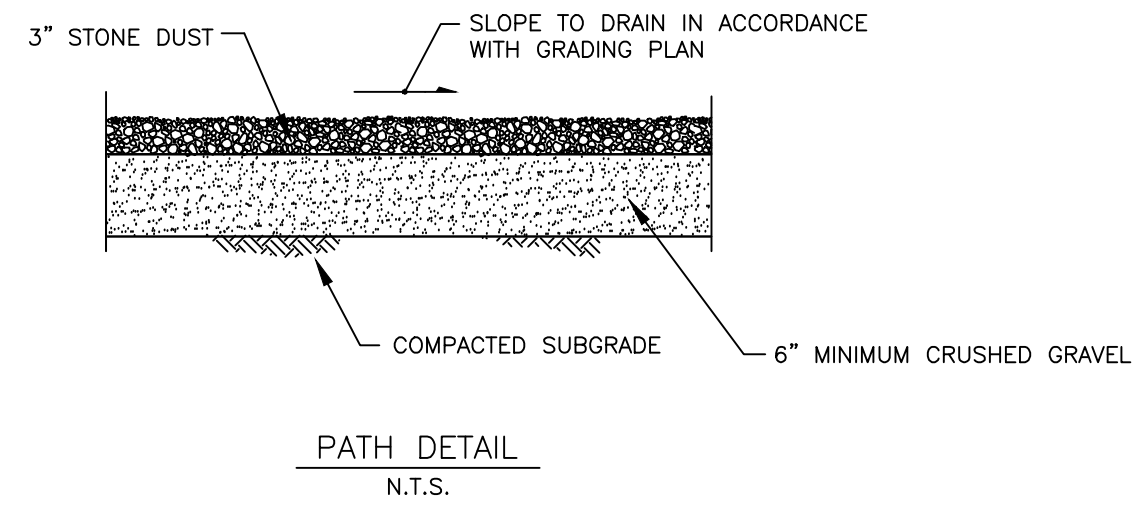
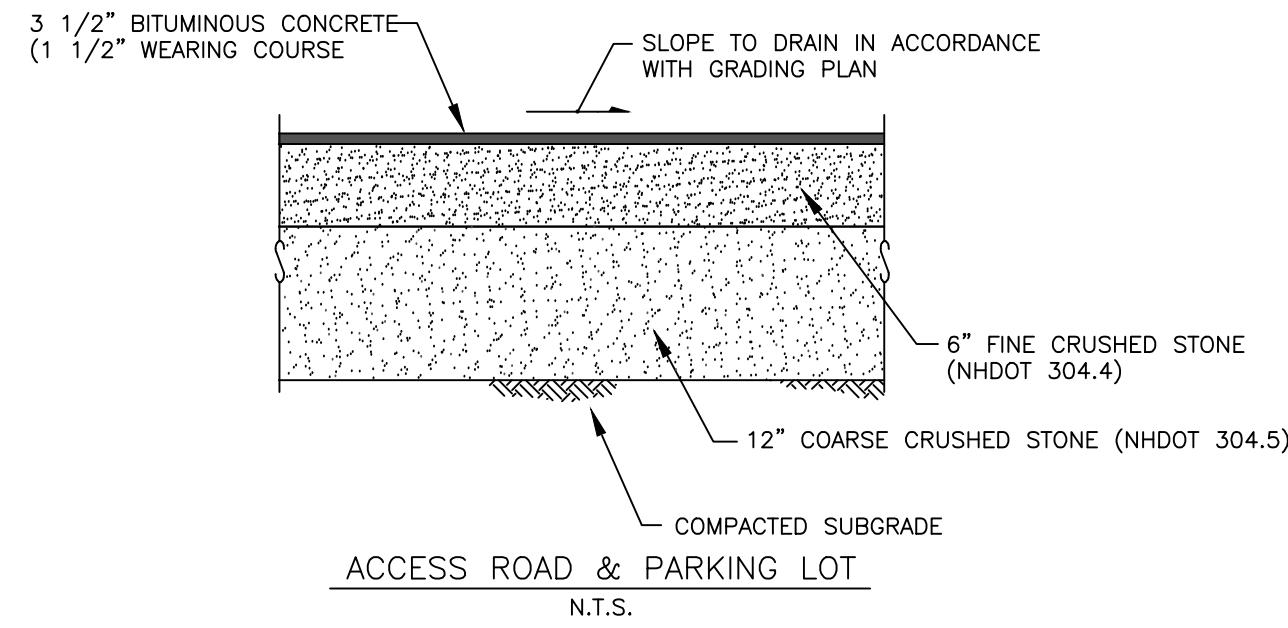
Key	Qty.	Botanical Name	Common Name	Size	Root	Comment
Trees						
AB	3	Abies balsamea	Balsam Fir	6' - 7' High	B&B	
AC	6	Amelanchier canadensis	Serviceberry	2" - 2 1/2" Cal.	B&B	
AR	9	Acer rubrum	Red Maple	2 1/2" - 3" Cal.	B&B	
BN	5	Betula nigra	River Birch	2 1/2" - 3" Cal.	B&B	
CO	5	Celtis occidentalis	Hackberry	3 1/2" - 4" Cal.	B&B	
LL	3	Larix laricina	Tamarack	7' - 8" High	B&B	
MDV	7	Malus domestica	Apple	2" - 2 1/2" Cal.	B&B	Variety Mix
PV	3	Prunus virginiana	Chokecherry	2" - 2 1/2" Cal.	B&B	
QP	11	Quercus palustris	Pin Oak	3 1/2" - 4" Cal.	B&B	
QR	4	Quercus rubra	Red Oak	3 1/2" - 4" Cal.	B&B	
SR	3	Syringa reticulata	Tree Lilac	2" - 2 1/2" Cal.	B&B	
Shrubs						
AU	30	Archostaphylos uva-ursi	Bearberry	#2	Cont.	
CR	16	Cornus rasemosa	Gray Dogwood	#1	Cont.	2' - 3' High
CS	14	Cornus sericea	Red Osier Dogwood	#1	Cont.	2' - 3' High
CSA	15	Cornus sericea 'Arctic Fire'	Red Osier Dogwood	#5	Cont.	
IV	21	Ilex verticillata	Winterberry	#5	Cont.	
SC	15	Sambucus canadensis	Elderberry	30" - 36" High	B&B	
SN	7	Sambucus nigra	Black Elderberry	30" - 36" High	B&B	
VA	27	Vaccinium angustifolium	Low Bush Blueberry	#3	Cont.	
VC	16	Vaccinium corymbosum	High Bush Blueberry	36" - 48" High	B&B	
VD	18	Viburnum dentatum	Arrowwood Viburnum	36" - 48" High	B&B	
Groundcover, Ferns, and Perennials						
AB	45	Astilbe biternata	Appalachian Astilbe	#1	Cont.	18" O.C.
DP	240	Denstaedtia punctilobula	Hayscented Fern	#1	Cont.	18" O.C.
LXS	50	Leucanthemum x superbum	Shasta Daisy	#1	Cont.	18" O.C.
RH	35	Rudbeckia hirta	Black-eyed Susan	#1	Cont.	18" O.C.
SSA	50	Sedum spectabile 'Autumn Joy'	Sedum	#1	Cont.	18" O.C.

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LANDSCAPE PLANTING SCHEDULE, DETAILS & NOTES
TOWN OF ENFIELD - MASCOMA LAKESIDE PARK
197 MAIN STREET - ENFIELD, NEW HAMPSHIRE

PATHWAYS CONSULTING, LLC
240 MECHANIC STREET, SUITE 100
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MISCELLANEOUS DETAILS FOR

TOWN OF ENFIELD - MASCOMA LAKESIDE PARK

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EROSION CONTROL SPECIFICATIONS

1. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH "NEW HAMPSHIRE STORMWATER MANAGEMENT", VOLUMES 1, 2, & 3, LATEST EDITION. THE CONTRACTOR SHALL HAVE REFERENCE TO THESE PUBLICATIONS.
2. IMMEDIATE ATTENTION TO EROSION CONTROL PRACTICES DRAMATICALLY IMPROVES SOIL AND MOISTURE CONSERVATION AND REDUCES NEGATIVE IMPACTS ON WATER QUALITY. THE CONTRACTOR SHALL GIVE PRIORITY TO THE TIMELY INSTALLATION OF BOTH TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES.
3. THE EROSION AND SEDIMENT CONTROL PRACTICES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIRED FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE PRACTICES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND MODIFIED TO ACCOUNT FOR CHANGING SITE CONDITIONS.
4. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THE PLANS SHALL BE CLEARLY FLAGGED BY SURVEY TAPE OR FENCING. IF REQUIRED, PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE CLEARING LIMITS SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.
5. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT SHALL NOT EXCEED 1 ACRE AT ANY ONE TIME BEFORE STABILIZATION. UNLESS OTHERWISE APPROVED BY TOWN AND ADDRESSED ADEQUATELY IN THE SWPPP AND EROSION CONTROL PLANS, A CONSTRUCTION SEQUENCE HAS BEEN DEVELOPED TO FACILITATE INSTALLATION OF EROSION CONTROL MEASURES AND THE COMPLETION OF GRADING, SEEDING, AND LANDSCAPING AS SOON AS POSSIBLE WITHIN A DISTURBED AREA. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
- A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED.
- B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED.
- C. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN INSTALLED.
- D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- E. NON-VEGETATIVE COVER, SUCH AS HYDROMULCH AND EROSION CONTROL BLANKETS, RIPRAP, STONE FILL, GABIONS AND/OR GEOTEXTILES HAVE BEEN PROPERLY INSTALLED.
7. ANY SEDIMENT TRACKED ONTO PAVED AREAS SHALL BE REMOVED BY THE END OF THE SAME WORK DAY IT IS NOTED, AND IF NOTED ON A NON-WORK DAY, NOT LATER THAN THE END OF THE NEXT WORK DAY.
8. EARTH STOCKPILES SHALL BE SEEDDED AND MULCHED AND HAVE A SILT FENCE INSTALLED ON THE DOWNSLOPE SIDE. AT A MINIMUM, STOCKPILES SHALL BE COVERED WITH IMPERVIOUS TARPS AND/OR STABILIZED WITH TEMPORARY SEED AND MULCH TO PROTECT MATERIALS IN THE EVENT THAT THEY WILL REMAIN FOR LONGER THAN 1 MONTH.
9. INSTALL EROSION CONTROL MEASURES AS SHOWN. CLEAN ACCUMULATED SEDIMENT AS NECESSARY. LEAVE IN PLACE UNTIL DISTURBED AREAS HAVE BEEN ADEQUATELY STABILIZED. DISTURBED AREAS RESULTING FROM SILT FENCE REMOVAL SHALL BE PERMANENTLY SEEDDED, CUT AND FILL SLOPES CALL FOR INTENSIVE EROSION CONTROL MEASURES. INSTALL MULCH NETTING OR OTHER SLOPE STABILIZATION MEASURES AS SHOWN ON NHOT CONTRACT PLANS FOR ALL SLOPES 3:1 (1 RISE ON 3 RUN) AND STEEPER.
11. WHEN WORK IS SUSPENDED WITHIN THE GROWING SEASON, ALL DISTURBED AREAS SHALL BE TEMPORARILY STABILIZED WITH SEED AND MULCH WITHIN 14 DAYS. OUTSIDE THE GROWING SEASON, ALL DISTURBED AREAS SHALL BE TEMPORARILY STABILIZED WITH MULCH; MULCH AND TACK ON SLOPES STEEPER THAN 3:1; OR EROSION MATTING ON SLOPES STEEPER THAN 2:1.
12. TEMPORARY STABILIZATION OF DISTURBED AREAS:

SEED BED PREPARATION: TILL THREE INCHES DEEP MIXING IN FERTILIZER. APPLY 2 TONS/ACRE (100#/1,000 SQ. FT.)

FERTILIZE: UNIFORMLY APPLY NOT LESS THAN 300#/ACRE (75#/1,000 SQ. FT.) OF 10-20-20 OR EQUIVALENT.

SEEDING: SELECT APPROPRIATE SEEDING MIXTURE FROM TABLE 1 BELOW. SPREAD SEED UNIFORMLY. FIRM SOIL BY ROLLING OR PACKING; IF NOT FEASIBLE, THEN RAKE LIGHTLY TO COVER SEEDS.

MULCHING: MULCH ALL DISTURBED AREAS WITH 1-2 TO 2 TONS OF HAY OR STRAW PER ACRE (70-80#/1,000 SQ. FT.). ANCHOR ON ALL SLOPES 3:1 OR STEEPER AND ON SLOPES SUBJECT TO WASH OR WIND BLOWN CONDITIONS. JUTE OR OTHER BIODEGRADABLE NETTING, STAKING AND STABILING MAY BE REQUIRED.

TABLE 1

PLANT SELECTION AND SEEDING RATES			
SPECIES	PER ACRE	PER 1,000 SQ.FT.	REMARKS
WINTER RYE	2 BU OR 112 LBS.	2.5 LBS.	BEST FOR FALL SEEDING. SEED AUGUST 15 TO SEPTEMBER 15 FOR BEST COVER. SEED TO DEPTH OF ONE INCH.
OATS	2 1/2 BU OR 80 LBS.	2 LBS.	BEST FOR SPRING SEEDINGS. LATER THAN MAY 15 FOR SUMMER PROTECTION. SEED TO DEPTH OF ONE INCH.
ANNUAL RYE	40 LBS.	1 LB.	GROWS QUICKLY, BUT IS OF SHORT GRASS DURATION. USE WHERE APPEARANCES ARE IMPORTANT. COVER SEED WITH NO MORE THAN 1/4 INCH OF SOIL. WITH MULCH, SEEDING MAY BE DONE THROUGHOUT GROWING SEASON. OTHERWISE SEED EARLY SPRING OR BETWEEN AUGUST 15 & SEPTEMBER 15.

13. PERMANENT STABILIZATION OF DISTURBED AREAS:

SEED BED PREPARATION: TOPSOIL (SANDY LOAM, LOAM, OR SILT LOAM), FRIABLE, FREE OF STUMPS, WOOD, AND ROOTS. STONES MORE THAN 1/2 INCH IN DIAMETER OR LENGTH SHALL BE PLACED OVER ALL DISTURBED AREAS IN A 4" (MINIMUM) THICK LAYER. TOPSOIL SHALL BE FREE OF HERBICIDES AND TOXIC MATERIALS. TOPSOIL SHALL HAVE A ORGANIC CONTENT BETWEEN 3-5%. TILL THREE INCHES DEEP. MIXING IN THE FERTILIZER AND LIME. SOIL TO BE TESTED PRIOR TO APPLICATION FOR RECOMMENDATION OF AMENDMENTS. AMENDMENTS TO BE REVIEWED WITH THE ENGINEER.

FERTILIZE: IN ACCORDANCE WITH AMENDMENT RECOMMENDATIONS FROM TESTING LABORATORY. LIME PER THE RECOMMENDED RATE FOR OPTIMUM PH.

SEEDING: SPREAD SEED UNIFORMLY. FIRM SOIL BY ROLLING OR PACKING; IF NOT FEASIBLE, THEN RAKE LIGHTLY TO COVER SEEDS.

BONDED FIBER MATRIX: APPLY PROFILE HYDROBLANKET BFM OR APPROVED EQUIVALENT BASED ON APPLICATION RATE FOR 3500 LB/ACRE MIN. PER MANUFACTURERS REQUIREMENTS. BFM ALTERNATES MUST BE ON NHOT APPROVED PRODUCTS LIST.

GRASS SEED (SHADY GENERAL LAWN MIX)

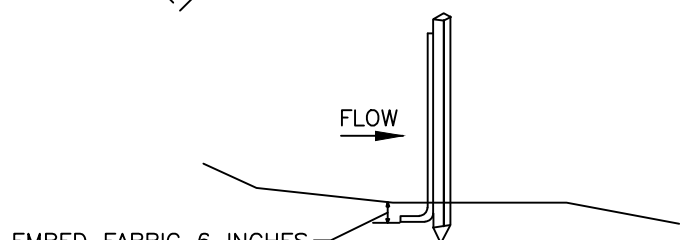
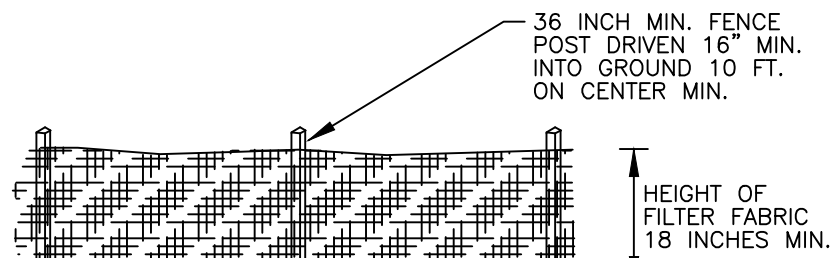
GRASS SEED SHALL BE FRESH, CLEAN, NEW-CROP SEED AND SHALL MEET THE PROVISIONS OF THE NEW HAMPSHIRE AGRICULTURAL AND VEGETABLE SEEDS LAW. SEED SPECIFIED IN THIS SECTION SHALL MEET THE FOLLOWING ANALYSIS:

	MINIMUM PURITY %	MINIMUM GERM. %
CREeping RED FESCUE	96	85
PERENNIAL RYEGRASS	98	90
KENTUCKY BLUEGRASS	97	85
	95	80
	130	130

LAWN SEED MIX SHALL BE BLENDED WITH ANNUAL RYE, DOUBLE JUMP MIX, AVAILABLE FROM NORTHERN NURSERIES ON ROUTE 5 IN WHITE RIVER JCT. VERMONT. APPLY AT 20% THE RECOMMENDED MANUFACTURER APPLICATION RATE PER ACRE.

OTHER SEED MIXTURES AND SEEDING RATES AS RECOMMENDED BY THE USDA - SOIL CONSERVATION SERVICE AND APPROVED BY OWNER MAY BE UTILIZED ONLY UPON PRIOR WRITTEN PERMISSION FROM THE ENGINEER.

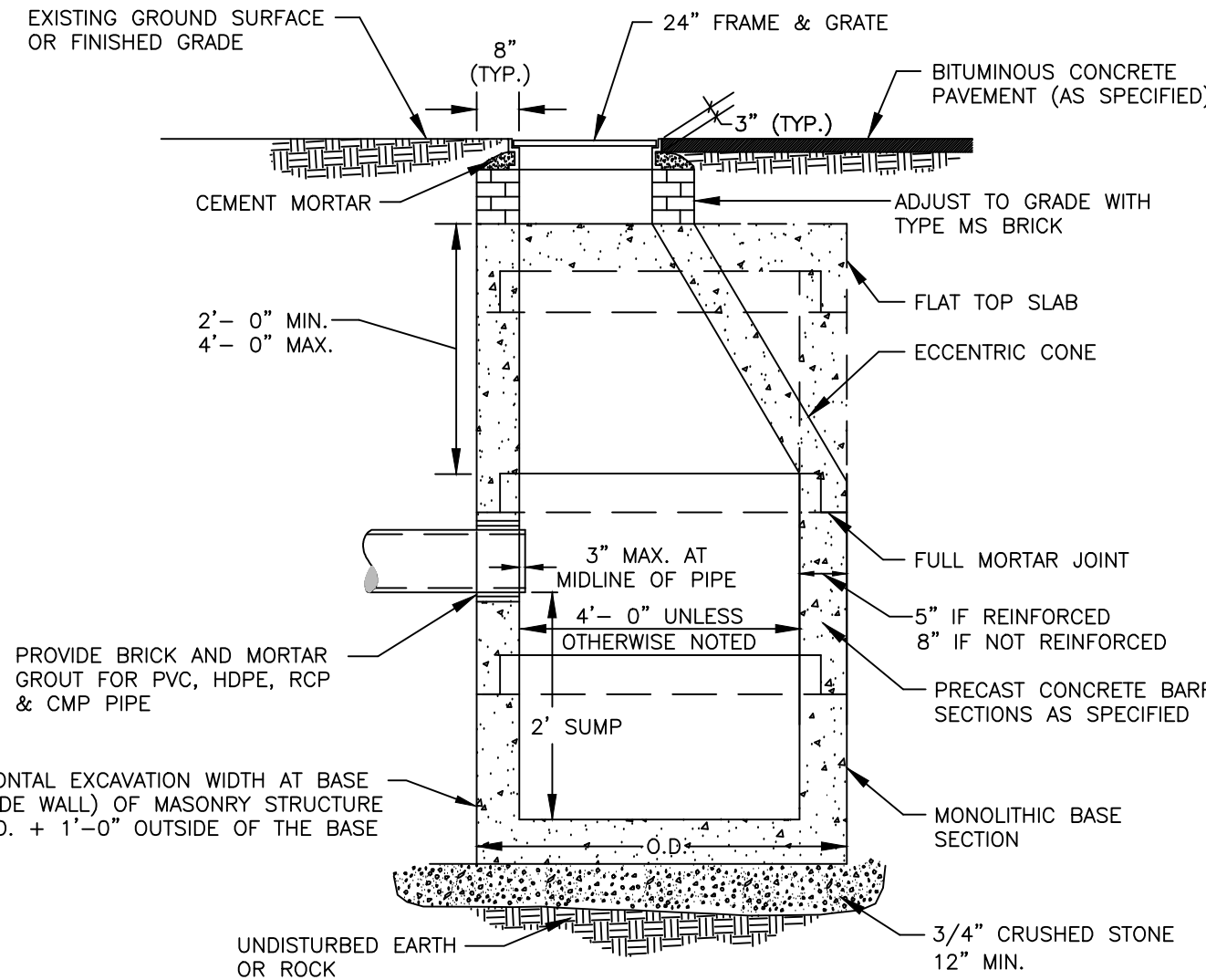
16. MAINTENANCE: REGULAR MAINTENANCE SHALL OCCUR DURING THE CONSTRUCTION PERIOD UNTIL SUCH TIME AS PERMANENT STABILIZATION IS ESTABLISHED. MINOR MAINTENANCE ACTIVITIES RECOMMENDED ON REGULAR INSPECTION REPORTS SHALL BE ADDRESSED BY THE END OF THE NEXT WORK DAY. ADDITIONAL MAINTENANCE MAY INCLUDE:
- A. DISTURBED AREAS WILL BE FERTILIZED AND RE-SEEDDED, WHERE NECESSARY.
- B. CATCH BASINS WILL BE CHECKED AND CLEANED AS NECESSARY.
- C. DRAINAGE AND GRASS TREATMENT SWALES SHALL BE CHECKED FREQUENTLY AND CLEANED AS REQUIRED.
- D. THE SILT FENCES AND HAY BALE DIKES WILL BE CHECKED ON A REGULAR BASIS AND REPAIRED AS NECESSARY TO CORRECT ANY DAMAGE, DETEIORATION, AND SHORT CIRCUITING. SEDIMENT WILL BE REMOVED WHEN IT REACHES ON-THIRD OF THE HEIGHT OF SILT FENCE AND ONE-HALF THE HEIGHT OF OTHER BMP'S SUCH AS EROSION CONTROL SOCKS.
- E. THE BOTTOM OF TEMPORARY SEDIMENT BASINS SHALL BE PERIODICALLY CLEANED, WITH THE SEDIMENT REMOVED TO A SECURE LOCATION.
17. SITE VISITS: THE ENGINEER MAY BE CONTACTED ON A REGULAR BASIS TO OBSERVE THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL PRACTICES, AND IN THE EVENT OF ANY EROSION, SEDIMENTATION OR TURBIDITY ISSUES THAT ARISE.
18. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROLS DAILY AND PRIOR TO ANY ANTICIPATED RAIN EVENTS.
19. ALL AREAS SHALL BE STABILIZED WITHIN 45 CALENDAR DAYS OF INITIAL DISTURBANCE. ALL AREAS NOT CURRENTLY BEING WORKED, SHALL BE STABILIZED WITHIN 7 CALENDAR DAYS.
22. THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES. "INVASIVE SPECIES" MEANS AN ALIEN SPECIES WHOSE INTRODUCTION CAUSES OR IS LIKELY TO CAUSE ECONOMIC OR ENVIRONMENTAL HARM OR HARM TO HUMAN HEALTH; NO PERSON SHALL COLLECT, TRANSPORT, IMPORT, EXPORT, MOVE, BUY, SELL, DISTRIBUTE, PROPAGATE, OR TRANSPLANT ANY LIVING AND VIABLE PORTION OF ANY PLANT SPECIES, WHICH INCLUDES ALL OF THEIR CULTIVARS AND VARIETIES, LISTED IN TABLE 3800.1, NEW HAMPSHIRE PROHIBITED INVASIVE SPECIES LIST WITHOUT PROPER DEVELOPMENT OF AN INVASIVE SPECIES MANAGEMENT PLAN IN ACCORDANCE WITH NHOT AND NHDES REQUIREMENTS. THE CONTRACTOR SHALL VERIFY THAT ALL IMPORTED SOILS ARE FREE FROM INVASIVE SPECIES. THE OWNER SHALL ORDER ANY PERSON WHO HAS BEEN FOUND IN VIOLATION OF THESE RULES TO TAKE SUCH MEASURES TO ERADICATE OR CONTROL THE INVASIVE SPECIES AS THE OWNER MAY DEEM NECESSARY. THE REQUIRED ERADICATION OR CONTROL MEASURES SHALL BE PROMPTLY IMPLEMENTED WITHIN THE TIME PERIOD DESIGNATED IN THE ORDER. IF THE ORDER IS NOT IMPLEMENTED WITHIN THE DESIGNATED TIME FRAME, ADMINISTRATIVE FINES, PENALTIES, OR BOTH, PURSUANT TO RSA 430:57, SHALL BE LEVIED. THE CONTRACTOR MAY ALSO BE REQUIRED TO MONITOR THE SITE FOR INVASIVE SPECIES FOR FIVE YEARS FOLLOWING COMPLETION OF THE WORK. THE OWNER MAY WITHHOLD FUNDS FROM THE CONTRACTOR TO ADDRESS ANY ISSUES THAT MAY ARISE. FAILURE TO COMPLY WITH SECTION AGR 3802.06(A) MAY RESULT IN THE ASSESSMENT OF ADMINISTRATIVE FINES.
23. WINTER CONSTRUCTION NOTES:
- A. TEMPORARY SEEDING SHALL OCCUR PRIOR TO SEPTEMBER 15.
- B. ALL PROPOSED VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING. ELSEWHERE, THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH NETTING SHALL OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- C. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- D. ALL DISTURBED PAVEMENT SURFACES SHALL BE PAVED PRIOR TO NOVEMBER 1, FOR WINTER SHUTDOWN. PAVING AFTER NOVEMBER 1 WILL BE CONSIDERED TEMPORARY (AT THE COST OF THE CONTRACTOR) UNLESS OTHERWISE APPROVED BY THE TOWN AND WILL BE REPLACED IN THE SPRING WITH PERMANENT PAVEMENT SURFACES.
23. SEQUENCING/SITE MANAGEMENT:
- A. ALL PROJECT LIMITS OF DISTURBANCE MUST BE STAKED, PAINTED, OR FLAGGED, PRIOR TO THE START OF CONSTRUCTION.
- B. TREE CLEARING AND TRIMMING LIMITS MUST BE FLAGGED AND REVIEWED WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- C. INSTALL NECESSARY EROSION CONTROLS DOWN-GRADIENT OF EARTH DISTURBANCES PRIOR TO EARTHWORK ACTIVITIES. INSTALL CONSTRUCTION TRACK OUT CONTROLS AND ACCESS WAYS AS NEEDED FROM STAGING AREAS. OBTAIN ADDITIONAL PERMITS AS NEEDED FOR ANY STAGING AREA REQUIRING A LOCAL STATE OR FEDERAL PERMIT PRIOR TO THE START OF CONSTRUCTION.
- D. STOCKPILES SHALL BE REMOVED FROM THE SITE DAILY. NO STOCKPILING WILL BE ALLOWED IN THE TOWN OR NHOT RIGHT-OF-WAY UNLESS APPROVED BY THE ENGINEER.
- E. REMOVE AND DISPOSE OF ALL CONSTRUCTION RELATED TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
- F. INSTALL AND MAINTAIN DEWATERING CONTROLS WHILE DEWATERING IS IN PROGRESS. ALL DEWATERING DISCHARGES SHALL FLOW THROUGH A MINIMUM OF 30 FOOT UNDISTURBED VEGETATED SURFACE PRIOR TO DISCHARGE FROM THE SITE. THE USE OF STABILIZED TEMPORARY SUMPS, SETTLING BASINS AND FILTER BAGS IS REQUIRED. DEWATERING CONTROLS SHALL NOT BE INSTALLED OUTSIDE OF THE LIMIT OF WORK.
- G. PROTECT ALL NEW EXISTING DRAINAGE PIPES AND STRUCTURES FROM SEDIMENT AND TURBIDITY TRANSPORT OFF-SITE.
- H. ALL DITCHES AND SWALES ARE TO BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- I. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AFTER VEGETATIVE STABILIZATION IS ACCEPTED BY THE ENGINEER.



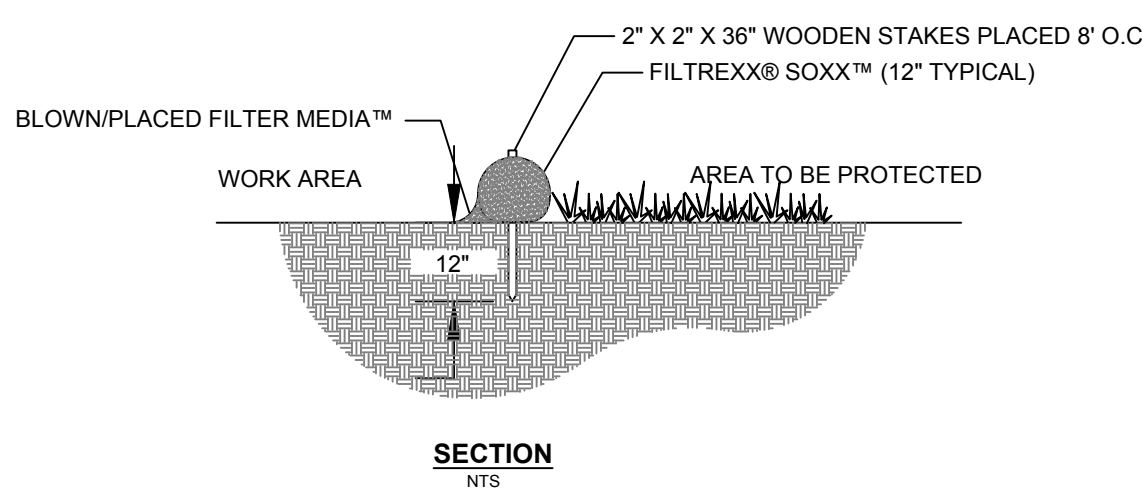
CONSTRUCTION SPECIFICATIONS

1. SILT FENCE MAY BE EITHER PREMANUFACTURED OR PREPARED ON SITE. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. SILT FENCE SHALL BE LOCATED AS SHOWN ON THE PLAN AND WHEREVER CONSTRUCTION ACTIVITIES MAY RESULT IN A TEMPORARY RUNOFF TO A STREAM OR WETLAND WHICH MAY CARRY SILT OR SEDIMENT.
3. THE TRENCH SHALL BE TOED IN PLACE BY PLACEMENT IN A 6 INCH TRENCH AND BACKFILLING WITH A SUITABLE MATERIAL.
4. WHEN A TRENCH CANNOT BE CONSTRUCTED, THE FABRIC MAY BE FOLDED AT THE BASE IN A MANNER SUCH THAT A MINIMUM OF 6 INCHES OF FABRIC LIES ON THE GROUND TOWARD THE DIRECTION OF FLOW. THE FOLDED FABRIC SHALL BE COVERED TO A DEPTH OF 6 INCHES WITH SUITABLE MATERIAL EXTENDING A MINIMUM OF 4 INCHES BEYOND THE FABRIC.
5. SUPPORTING STAKES SHALL BE PLACED NO MORE THAN 10 FEET APART.
6. MAINTENANCE SHALL BE PERFORMED AS NEEDED. FENCING SHALL BE REPLACED WHEN TORN, WHEN TRENCHING IS DISTURBED, WHEN THE FENCE DISPLAYS PILINGUP AS EVIDENCED BY SILT-LADEN APPEARANCE, WHEN WATER IS EXCESSIVELY RETARDED BY THE FENCE, OR WHENEVER "BULGES" APPEAR.

SILT FENCE
N.T.S.



PRECAST CONCRETE CATCH BASIN
N.T.S.

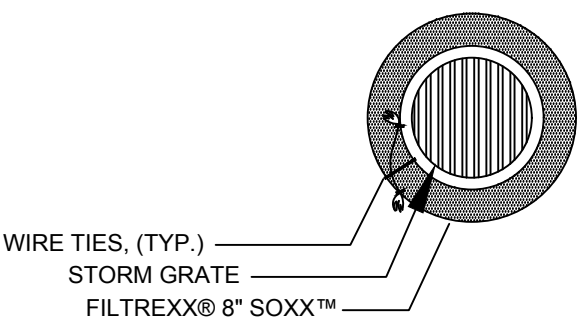


SECTION
NTS

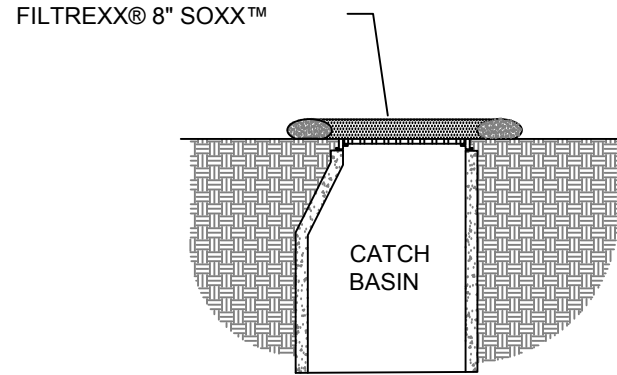


PLAN
NTS

FILTREXX® SEDIMENT CONTROL
NTS



DRAIN INLET PLAN



DRAIN INLET SECTION

- NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. FILTER MEDIA™ FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

FILTREXX® INLET PROTECTION
NTS

DRAINAGE & EROSION CONTROL DETAILS

TOWN OF ENFIELD - MASCOMA LAKESIDE PARK

197 MAIN STREET - ENFIELD, NEW HAMPSHIRE

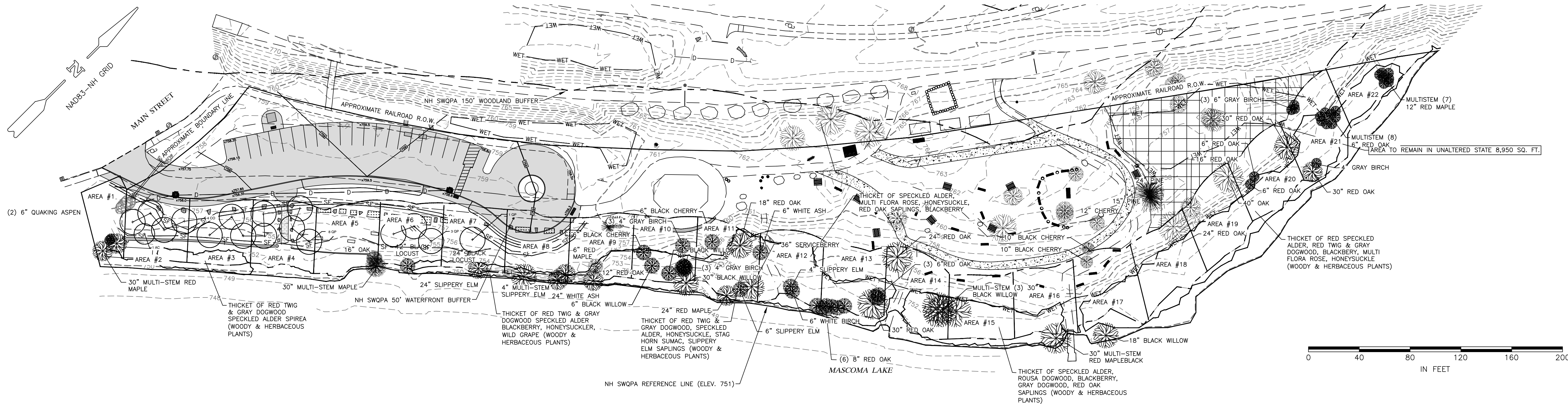
PATHWAYS CONSULTING, LLC

240 MECHANIC STREET, SUITE 100
LEBANON, NEW HAMPSHIRE 03766
(603) 448-2200

SCALE: AS SHOWN
DESIGNED BY: PAB
DRAWN BY: PAB
CHECKED BY: JSG
DATE: 02/08/24
PROJ. NO. 13348

8

SHEET 8 OF 9



AREA #1	
TREES	POINT VALUE
1"-3"	0
>3"-6" (2)	10
>6"-12"	0
>12" (1)	15
GROUND COVER	0
TOTAL:	25

AREA #2	
TREES	POINT VALUE
1"-3"	1
>3"-6" (4 PROPOSED)	20
>6"-12"	0
>12"	0
GROUND COVER	4
200± SQ. FT.	
TOTAL:	25

SEE PLANTING SCHEDULE SHT. 6 OF 8

AREA #3	
TREES	POINT VALUE
1"-3"	0
>3"-6" (3 PROPOSED)	15
>6"-12"	0
>12"	0
GROUND COVER	10
500± SQ. FT.	
TOTAL:	25

SEE PLANTING SCHEDULE SHT. 6 OF 8

AREA #4	
TREES	POINT VALUE
1"-3"	0
>3"-6" (5 PROPOSED)	25
>6"-12"	0
>12"	0
GROUND COVER	0
TOTAL:	25

SEE PLANTING SCHEDULE SHT. 6 OF 8

AREA #5	
TREES	POINT VALUE
1"-3"	0
>3"-6"	0
>6"-12"	0
>12" (2)	30
GROUND COVER	0
TOTAL:	30

AREA #6	
TREES	POINT VALUE
1"-3"	0
>3"-6" (4 PROPOSED)	20
>6"-12" (1)	10
>12"	0
GROUND COVER	0
TOTAL:	30

SEE PLANTING SCHEDULE SHT. 6 OF 8

AREA #7	
TREES	POINT VALUE
1"-3"	0
>3"-6" (1 PROPOSED)	5
>6"-12"	0
>12" (1)	15
GROUND COVER	6
300± SQ. FT.	
TOTAL:	26

SEE PLANTING SCHEDULE SHT. 6 OF 8

AREA #8	
TREES	POINT VALUE
1"-3"	0
>3"-6" (1)	5
>6"-12"	0
>12" (2)	30
GROUND COVER	6
300± SQ. FT.	
TOTAL:	41

AREA #9	
TREES	POINT VALUE
1"-3"	0
>3"-6" (1)	5
>6"-12" (1)	10
>12"	0
GROUND COVER	15
750± SQ. FT.	
TOTAL:	40

AREA #10	
TREES	POINT VALUE
1"-3"	0
>3"-6" (11)	55
>6"-12"	0
>12" (1)	15
GROUND COVER	25
1,050± SQ. FT.	
TOTAL:	95

AREA #11	
TREES	POINT VALUE
1"-3"	0
>3"-6" (3)	10
>6"-12"	0
>12" (3)	45
GROUND COVER	25
1,900± SQ. FT.	
TOTAL:	90

AREA #12	
TREES	POINT VALUE
1"-3"	0
>3"-6" (3)	15
>6"-12" (2)	20
>12"	0
GROUND COVER	25
2,000± SQ. FT.	
TOTAL:	60

AREA #13	
TREES	POINT VALUE
1"-3"	0
>3"-6" (3)	15
>6"-12" (4)	40
>12" (1)	15
GROUND COVER	25
1,300± SQ. FT.	
TOTAL:	95

AREA #14	
TREES	POINT VALUE
1"-3"	0
>3"-6"	0
>6"-12"	0
>12" (3)	45
GROUND COVER	22
1,100± SQ. FT.	
TOTAL:	67

AREA #15	
TREES	POINT VALUE
1"-3"	0
>3"-6"	0
>6"-12"	0
>12" (1)	15
GROUND COVER	25
1,500± SQ. FT.	
TOTAL:	40

AREA #16	
TREES	POINT VALUE
1"-3"	0
>3"-6"	0
>6"-12"	0
>12" (1)	15
GROUND COVER	14
700± SQ. FT.	
TOTAL:	29

AREA #17	
TREES	POINT VALUE
1"-3"	0
>3"-6"	0
>6"-12"	0
>12" (1)	15
GROUND COVER	25
1,550± SQ. FT.	
TOTAL:	40

AREA #18	
TREES	POINT VALUE
1"-3"	0
>3"-6"	0
>6"-12"	0
>12" (1)	15
GROUND COVER	25
1,750± SQ. FT.	
TOTAL:	40

AREA #19	
TREES	POINT VALUE
1"-3"	0
>3"-6"	0
>6"-12"	0
>12" (2)	30
GROUND COVER	25
1,400± SQ. FT.	
TOTAL:	75

AREA #20	
TREES	POINT VALUE
1"-3"	0
>3"-6" (2)	10
>6"-12"	0
>12" (1)	15
GROUND COVER	22
1,100± SQ. FT.	
TOTAL:	90

AREA #21	
TREES	POINT VALUE
1"-3"	0
>3"-6" (12)	0
>6"-12"	20
>12" (1)	15
GROUND COVER	25
1,500± SQ. FT.	
TOTAL:	60

AREA #22	
TREES	POINT VALUE
1"-3"	0
>3"-6"	0
>6"-12" (7)	70
>12"	0
GROUND COVER	20
1,000± SQ. FT.	
TOTAL:	90

REVISION NO.	DATE	DESCRIPTION	MADE BY	CHECKED BY	APPROVED BY

TREE INVENTORY PLAN FOR
TOWN OF ENFIELD - MASCOMA LAKESIDE PARK
197 MAIN STREET - ENFIELD, NEW HAMPSHIRE

PATHWAYS CONSULTING, LLC
240 MECHANIC STREET, SUITE 100
LEBANON, NEW HAMPSHIRE 03766
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