

PLOTTED: 3/3/2020 8:54 PM BY: hach, andrew
 CAD FILE: C:\Users\hach\OneDrive\Documents\CAD\9091_EC\CONR.dwg LAYOUT: R-001



LEGEND

	LIMIT OF WORK
	INLAND BANK
	LIMIT OF 100' RESOURCE AREA BUFFER
	CONTOURS
	CHAIN LINK FENCE
	PLASTIC FENCE
	BITUMINOUS CONCRETE POROUS PAVING
	FOOTPATH (COMPACTED EARTH)
	NATIVE TREE SPECIES TO REMAIN AND BE PROTECTED
	TEST PIT AND SOIL TEST LOCATION

NOTES:

- SEE SHEET R-002 FOR GENERAL NOTES.
- THIS PLAN WAS PREPARED FROM AN ACTUAL ON THE GROUND FIELD SURVEY CONDUCTED BY WSP USA INC. 9 EXECUTIVE PARK DR, SUITE 101 MERRIMACK, NH 03054, 603.595.7900 IN MAY-JULY 2019.
- THE HORIZONTAL DATUM SHOWN HEREON REFERENCES THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM NAD83.
- THE VERTICAL DATUM SHOWN HEREON REFERENCES THE CITY OF CAMBRIDGE DATUM. TBM 0988 (56.59') WAS HELD FOR ELEVATION.
- THE UNDERGROUND UTILITY INFORMATION SHOWN HEREON LABELED WITH AN (R) ARE FROM RECORD DOCUMENTS. ADDITIONAL FIELD INVESTIGATION WILL BE REQUIRED BY OTHERS TO DETERMINE THE ACTUAL PIPE SIZE(S) AND TYPE(S).
- THE WETLAND FLAGS SHOWN HEREON WERE SET AND LOCATED BY GREEN INTERNATIONAL AFFILIATES, INC. AND FIELD VERIFIED BY WSP USA, INC.
- THE PROPERTY LINES SHOWN HEREON ARE FROM THE CAMBRIDGE MA GIS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE.
- THE LOCATION OF THE UTILITIES AS SHOWN HEREON HAVE BEEN COMPILED FROM VISIBLE STRUCTURES AND INFORMATION OBTAINED FROM VARIOUS SOURCES. THE ACTUAL LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY THE OWNER PRIOR TO ANY CONSTRUCTION. THE SURVEYOR MAKES NO WARRANTIES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICES OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.

TEST PIT AND SOIL NOTES:

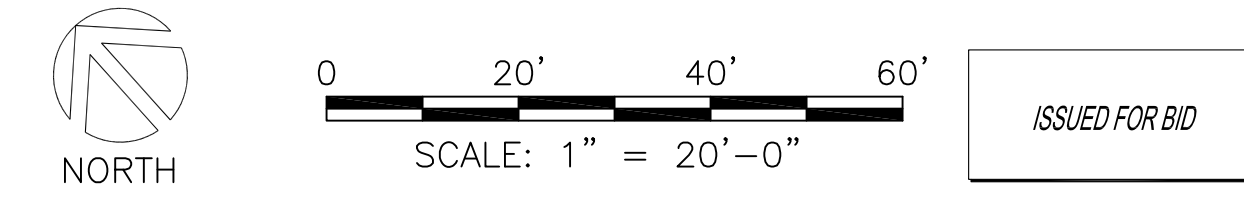
- TP-S1 - PHYSICAL, CHEMICAL AND COMPACTION (FLAT)
- TP-S2 - PHYSICAL AND CHEMICAL (SLOPE)
- TP-S3 - PHYSICAL, CHEMICAL, BIOLOGICAL (NEAR LOCUST TREE)
- TP-S4 - BIOLOGICAL (NEAR OAK TREE)
- TP-C1 - COMPACTION (PENETROMETER SITE 1)
- TP-C2 - COMPACTION (PENETROMETER SITE 2)
- TP-C3 - COMPACTION (PENETROMETER SITE 3)

UTILITY STATEMENTS:

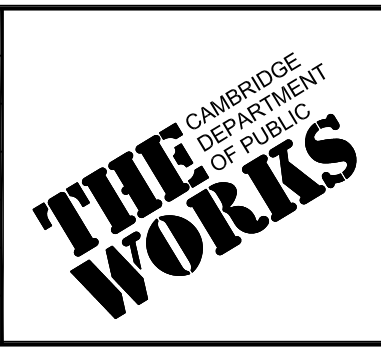
THE LOCATION OF THE UTILITIES AS SHOWN HEREON HAVE BEEN COMPILED FROM VISIBLE STRUCTURES AND INFORMATION OBTAINED FROM VARIOUS SOURCES. THE ACTUAL LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY THE OWNER PRIOR TO ANY CONSTRUCTION. THE SURVEYOR MAKES NO WARRANTIES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICES OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.

SURVEY LEGEND

	IRON ROD FOUND		UTILITY POLE		BMK BENCHMARK
	STONE BOUND WITH DRILL HOLE		UTILITY POLE WITH LIGHT		EOP EDGE OF PAVEMENT
	CATCH BASIN		UTILITY POLE WITH LIGHT AND RISER		WC WOOD CURB
	D-SHAPED CATCH BASIN		UTILITY POLE WITH LIGHT, RISER AND TRANSFORMER		CC CONCRETE CURB
	DRAIN MANHOLE		GUIDE WIRE		BC BITUMINOUS CURB
	NO LABEL MANHOLE		DEODOROUS TREE		SGC SLOPED GRANITE CURB
	SEWER MANHOLE		CONIFER TREE		VGC VERTICAL GRANITE CURB
	ELECTRIC BOX		SHRUB		LSA LANDSCAPED AREA
	ELECTRIC HANDHOLE		TREE STUMP		SRW STONE RETAINING WALL
	ELECTRIC METER		SIGN (SINGLE POSTED)		CRW CONCRETE RETAINING WALL
	ELECTRIC MANHOLE		SIGN (DOUBLE POSTED)		WRW WOOD RETAINING WALL
	GAS METER		TRAFFIC SIGNAL		SWL SOLID WHITE LINE
	GAS VALVE		POST		SYL SINGLE YELLOW LINE
	BIKE LANE		MAILBOX		DYL DOUBLE YELLOW LINE
	SPRINKLER		LIGHT POLE		RCP REINFORCED CONCRETE PIPE
	WATER MANHOLE		BOLLARD		TOW TOP OF WATER
	WATER GATE		HANDICAP PARKING		TOP TOP OF PIPE
	RECORD IRRIGATION CONTROL VALVE		FIRE ALARM		TOH TOP OF HOOD
	IRRIGATION CONTROL VALVE		BENCHMARK		PVC POLYVINYL CHLORIDE
	FIRE HYDRANT		VENT		NPV NO PIPES VISIBLE
	NO DUMP PLAQUE				CPP CORRUGATED PLASTIC PIPE
	BASKETBALL POST				
	BIKE POST				
	BOULDER				



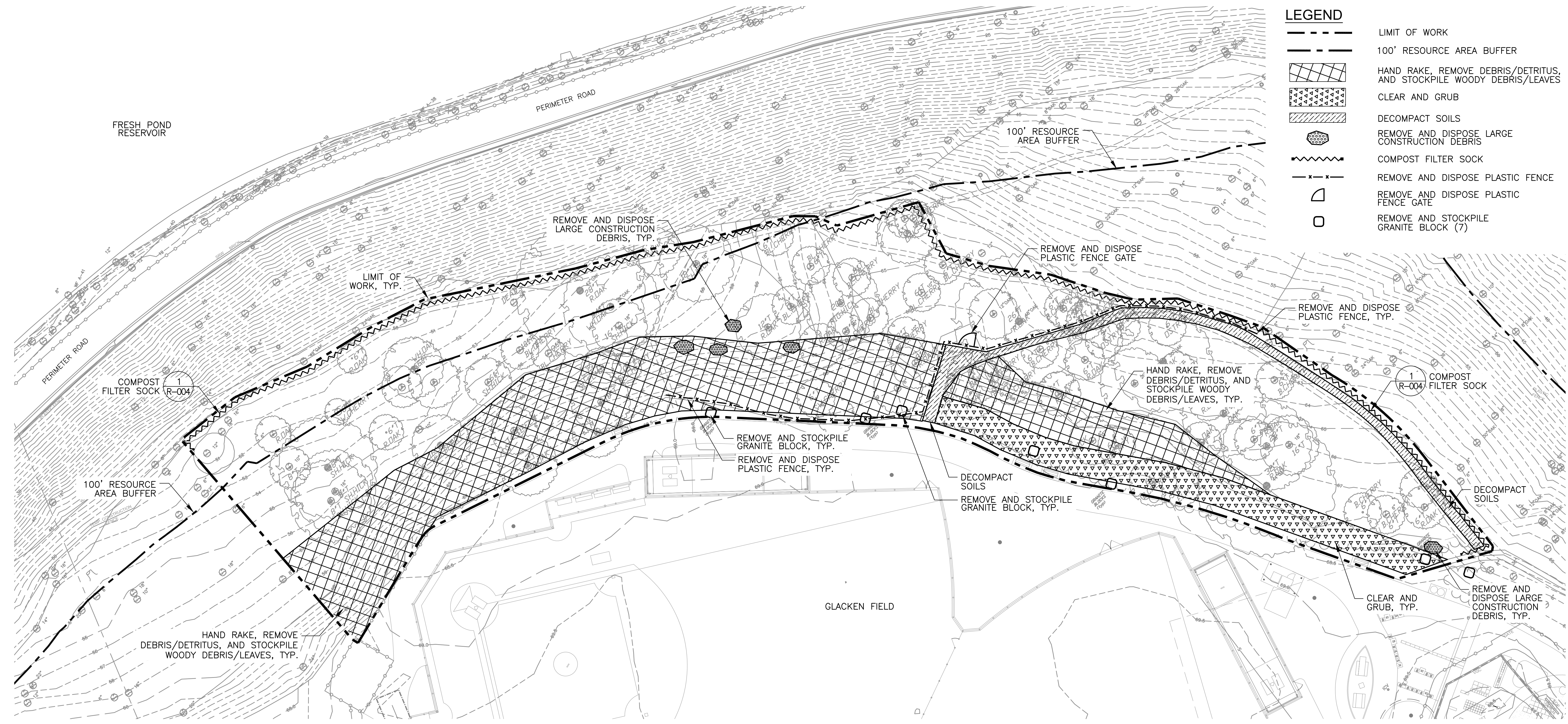
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Date	03/05/2020
Job No.	20201034.002A
Designed by	DB, AK
Drawn by	AK
Checked by	DB
Approved by	DB



Client	CITY OF CAMBRIDGE, MASSACHUSETTS
Project	GLACKEN FIELD RENOVATIONS
Drawing	GLACKEN SLOPE PHASE 6 EXISTING CONDITIONS PLAN

Sheet	R-001
File No.	9058

PLOT DATE: 3/20/2020 8:52 PM BY: hach, andrew
 CAD FILE: C:\Users\andrew\OneDrive\Documents\CAD\02_R-002_PREP_PLAN.dwg LAYOUT: R-002



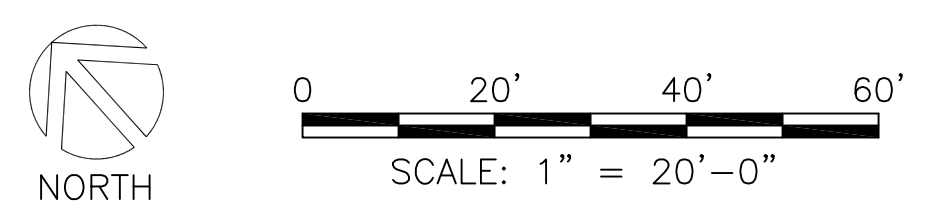
LEGEND	
	LIMIT OF WORK
	100' RESOURCE AREA BUFFER
	HAND RAKE, REMOVE DEBRIS/DETRITUS, AND STOCKPILE WOODY DEBRIS/LEAVES
	CLEAR AND GRUB
	DECOMPACT SOILS
	REMOVE AND DISPOSE LARGE CONSTRUCTION DEBRIS
	COMPOST FILTER SOCK
	REMOVE AND DISPOSE PLASTIC FENCE
	REMOVE AND DISPOSE PLASTIC FENCE GATE
	REMOVE AND STOCKPILE GRANITE BLOCK (7)

SITE PREPARATION AND EROSION AND SEDIMENT CONTROL

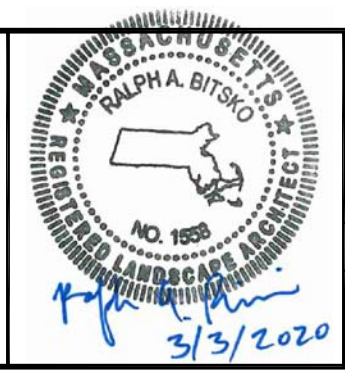
1. ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS OR ABUTTING PROPERTY.
2. THE CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENT CONTROL DEVICES, AND SHALL NOT COMMENCE CONSTRUCTION UNTIL THESE MEASURES HAVE BEEN INSTALLED AND APPROVED BY THE CONSERVATION COMMISSION'S AGENT AND OWNER'S REPRESENTATIVE.
3. CONTRACTOR SHALL USE ALL AVAILABLE MEANS TO MINIMIZE THE AMOUNT OF SOIL EROSION CAUSED BY THE WORK OF THE PROJECT. THIS INCLUDES RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DEVICES INDICATED. REPAIRS TO SOIL EROSION CONTROL DEVICES SHALL BE COMPLETED WITHIN 24 HOURS FOR SIGNIFICANT REPAIRS AND 48 HOURS FOR ALL OTHER REPAIRS.
4. EROSION CONTROL DEVICES SHALL BE CHECKED, MAINTAINED AND/OR REPLACED, AS NECESSARY, DAILY AND AFTER EACH RAINFALL TO ENSURE WORKING ORDER.
5. ALL TREES NOT IDENTIFIED FOR REMOVAL SHALL BE PROTECTED AGAINST CONSTRUCTION RELATED DAMAGE. TREE TRUNKS SHALL BE WRAPPED AND/OR BARRICADED FOR PROTECTION IF NECESSARY. BREAKAGE OF LIMBS SHALL NOT BE PERMITTED. "CONSTRUCTION PRUNING" SHALL CONSIST OF SQUARELY CUTTING LIMBS ONLY WHERE THEY CANNOT BE AVOIDED BY TRUCKS OR EQUIPMENT (RAISE PRUNING), UPON APPROVAL OF OWNER.
6. AT THE OWNER'S DISCRETION, CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY TREE DAMAGED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
7. TREE ROOTS THAT CANNOT BE AVOIDED DURING CONSTRUCTION SHALL BE PRUNED IN ACCORDANCE WITH THE SPECIFICATIONS AND UNDER SUPERVISION OF THE OWNER'S REPRESENTATIVE, INCLUDING ROOT TREATMENT, IF REQUIRED.
8. (7) GRANITE BLOCKS TO BE REMOVED AND STOCKPILED IN LOCATION TO BE DETERMINED BY OWNER.

CONSTRUCTION SEQUENCING NOTES:

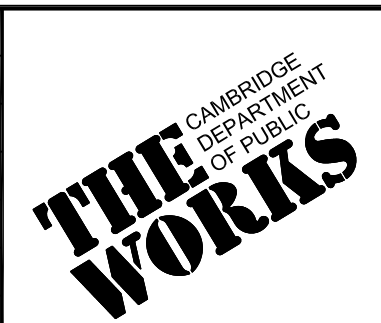
1. INSTALL COMPOST FILTER SOCKS.
2. INSTALL PLANT ESTABLISHMENT FENCE AND GATES (2) AS SHOWN ON SHEET R-003 TO REDUCE FOOT TRAFFIC OF RESERVATION USERS DURING CONSTRUCTION.
3. REMOVE AND DISPOSE OF PLASTIC FENCING AND GATES WITHIN PROJECT LIMITS.
4. REMOVE WOODY DEBRIS AND LEAVES AS DEPICTED ON PLAN AND STOCKPILE IN A LOCATION APPROVED BY OWNER.
5. REMOVE AND DISPOSE OF ALL DEBRIS INCLUDING, BUT NOT LIMITED TO, CONCRETE, BRICKS, AND BITUMINOUS CONCRETE.
6. RAKE AND DISPOSE OF CONSTRUCTION DEBRIS UNDER ONE INCH (1") IN DIAMETER.
7. REMOVE AND DISPOSE OF INVASIVE SAPPLINGS, SHRUBS, VINES AND GROUNDCOVERS AS IDENTIFIED IN SPECIFICATION SECTION 31 12 00.13
8. DE-COMPACT SOILS AS INDICATED ON PLAN.



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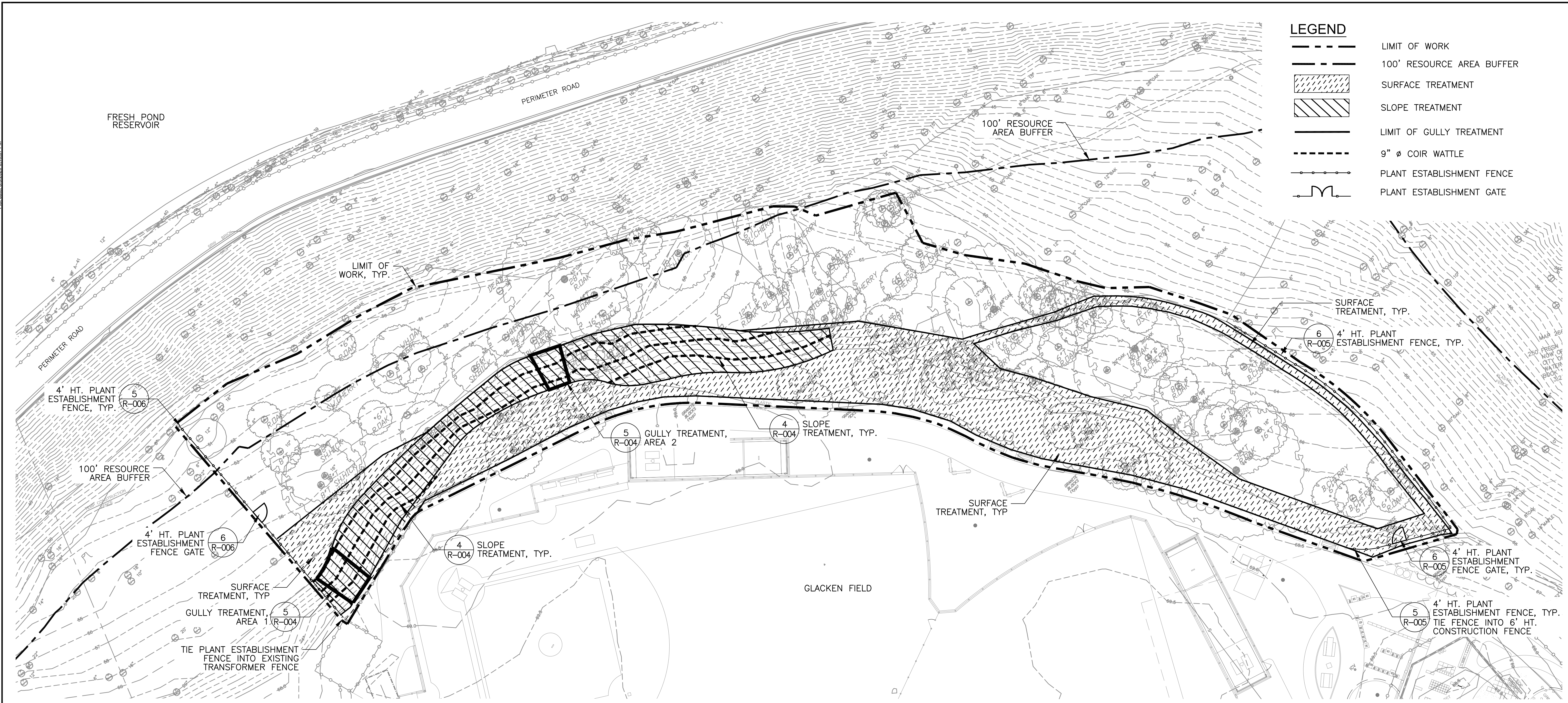


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Approved by	DB		REVISIONS	



Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	R-002
Project	GLACKEN FIELD RENOVATIONS	File No.	9058
Drawing	GLACKEN SLOPE PHASE 6 RESTORATION PREPARATION PLAN		

PLOTTED: 3/20/20 9:03 PM BY: hach, andrew
 CAD FILE: C:\Users\andrew\OneDrive\Documents\CAD\R-003_RESR_PLAN.dwg LAYOUT: R-003

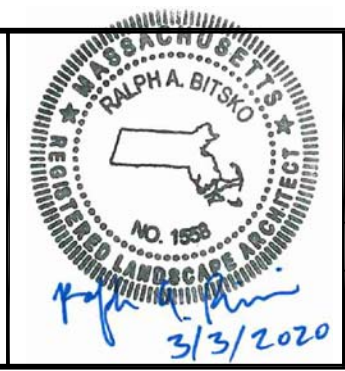
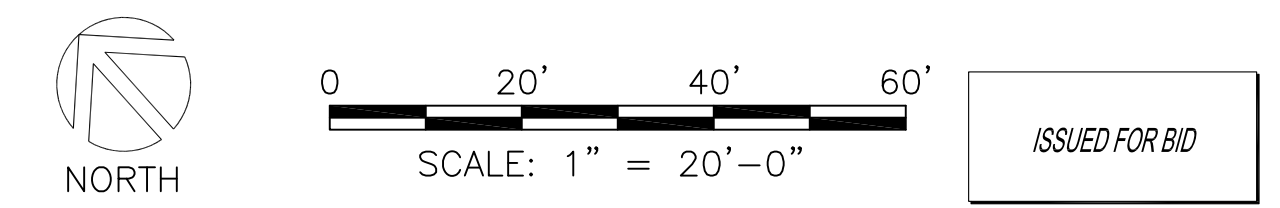


GENERAL NOTES:

- CONTRACTOR TO COMPLETE SLOPE AND WOODLAND RESTORATION IN A MANNER THAT DOES NOT DAMAGE THE ADJACENT PLAYING FIELDS OR IMPACT FINAL PROPOSED CONDITIONS OF THE ADJACENT PROJECT SITE. IT IS RECOMMENDED THAT SLOPE AND WOODLAND RESTORATION TO BE COMPLETED PRIOR TO JULY 1, 2020.
- NO WORK SHALL BE PERFORMED OUTSIDE THE PROJECT AREA WITHOUT PRIOR AUTHORIZATION FROM THE OWNER.
- THE CONTRACTOR SHALL PROTECT ALL TRAVELED WAYS FROM DUST AND CONSTRUCTION DEBRIS AT ALL TIMES.
- UNLESS OTHERWISE INDICATED ON THE DRAWINGS ALL AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR MAY BE ASKED BY THE OWNER TO SUSPEND CONSTRUCTION OPERATIONS TEMPORARILY TO AVOID CONFLICTS WITH LARGE PUBLIC EVENTS OR LARGE STORM EVENTS. THE CONTRACTOR SHALL NOT BE COMPENSATED FOR COSTS RELATING TO SHUTDOWNS FOR THESE REASONS.
- THE CONTRACTOR SHALL NOT BLOCK ACCESS TO THE PATHS AND ACCESS ROADS IN THE VICINITY OF THE LIMITS OF CONSTRUCTION AFTER WORK HOURS AND ON WEEKENDS.
- THE CONTRACTOR SHALL NOT BE PERMITTED TO STARTUP OR OPERATE EQUIPMENT BEFORE OR AFTER ESTABLISHED WORKING HOURS OF 7:00 AM TO 4:00 PM, MONDAY THROUGH FRIDAY WITHOUT WRITTEN APPROVAL BY THE OWNER, UNLESS NOTED OTHERWISE. NO WORK SHALL OCCUR ON HOLIDAYS OBSERVED BY CITY OF CAMBRIDGE.

CONSTRUCTION SEQUENCING NOTES:

- REPAIR GULLIES (AREAS 1 AND 2) AND INSTALL SLOPE TREATMENTS.
- RESTORE SURFACE TREATMENT AREAS AS SHOWN ON SHEET R-003 AND IDENTIFIED IN SPECIFICATION SECTION 32 91 13 PLANTING SOIL. MACHINERY AND HEAVY EQUIPMENT SHALL NOT BE PLACED IN THESE AREAS FOLLOWING RESTORATION.
- INSTALL WOODLAND SEED MIX (SEE SHEET R-005 RESTORATION PLANTING PLAN).
- STABILIZE WITH EROSION CONTROL MAT OR WEED-FREE STRAW.
- INSTALL PLANTS (SEE SHEET R-005 RESTORATION PLANTING PLAN AND PLANT SCHEDULE).
- PLACE STOCKPILED WOODY DEBRIS AND LEAVES WITHIN SURFACE AND SLOPE TREATMENT AREAS.



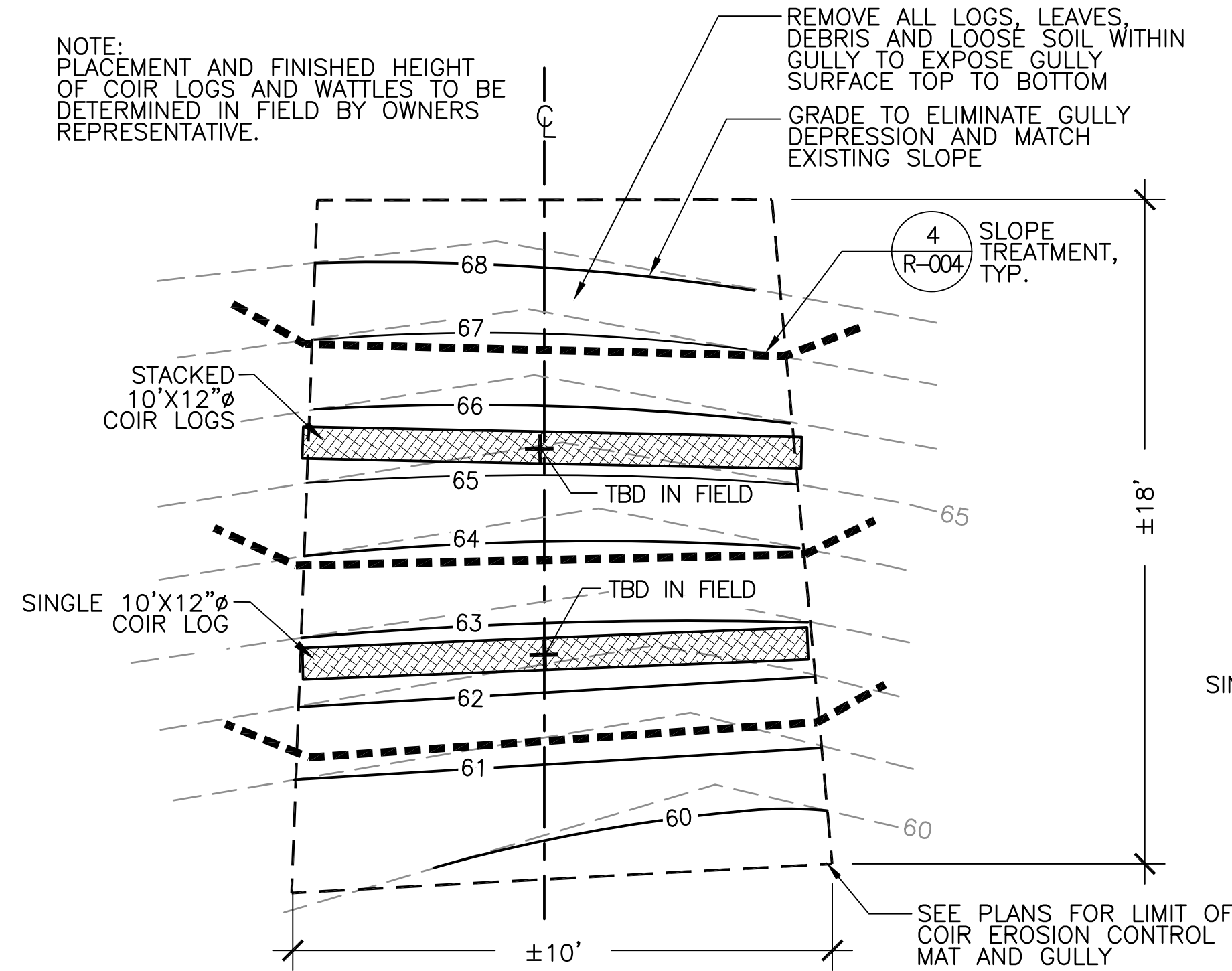
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Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	R-003
Project	GLACKEN FIELD RENOVATIONS	File No.	9058
Drawing	GLACKEN SLOPE PHASE 6 SURFACE RESTORATION PLAN		

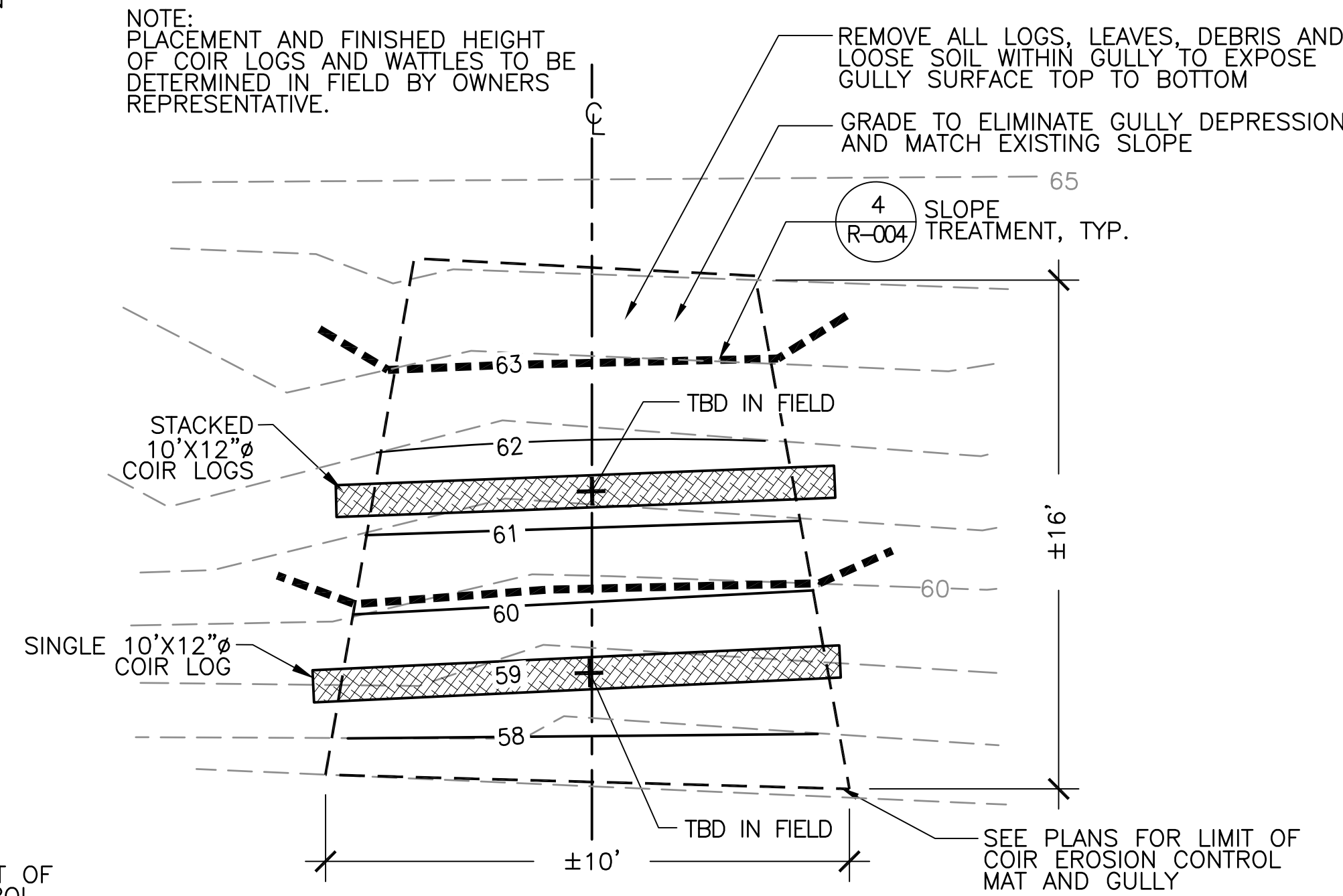
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NOTE: PLACEMENT AND FINISHED HEIGHT OF COIR LOGS AND WATTLES TO BE DETERMINED IN FIELD BY OWNERS REPRESENTATIVE.

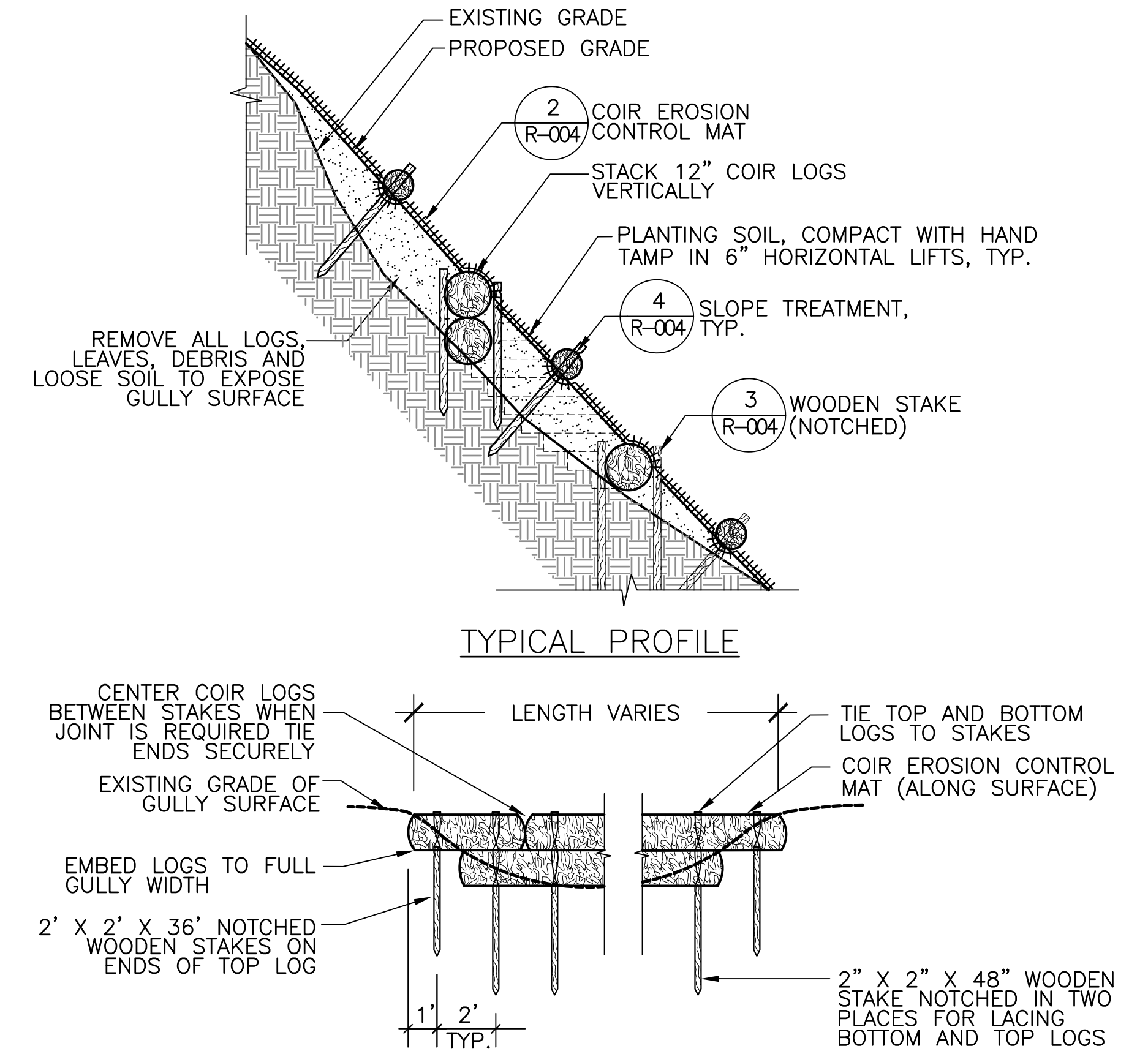


GULLY AREA 1 - ENLARGEMENT PLAN

NOTE: PLACEMENT AND FINISHED HEIGHT OF COIR LOGS AND WATTLES TO BE DETERMINED IN FIELD BY OWNERS REPRESENTATIVE.



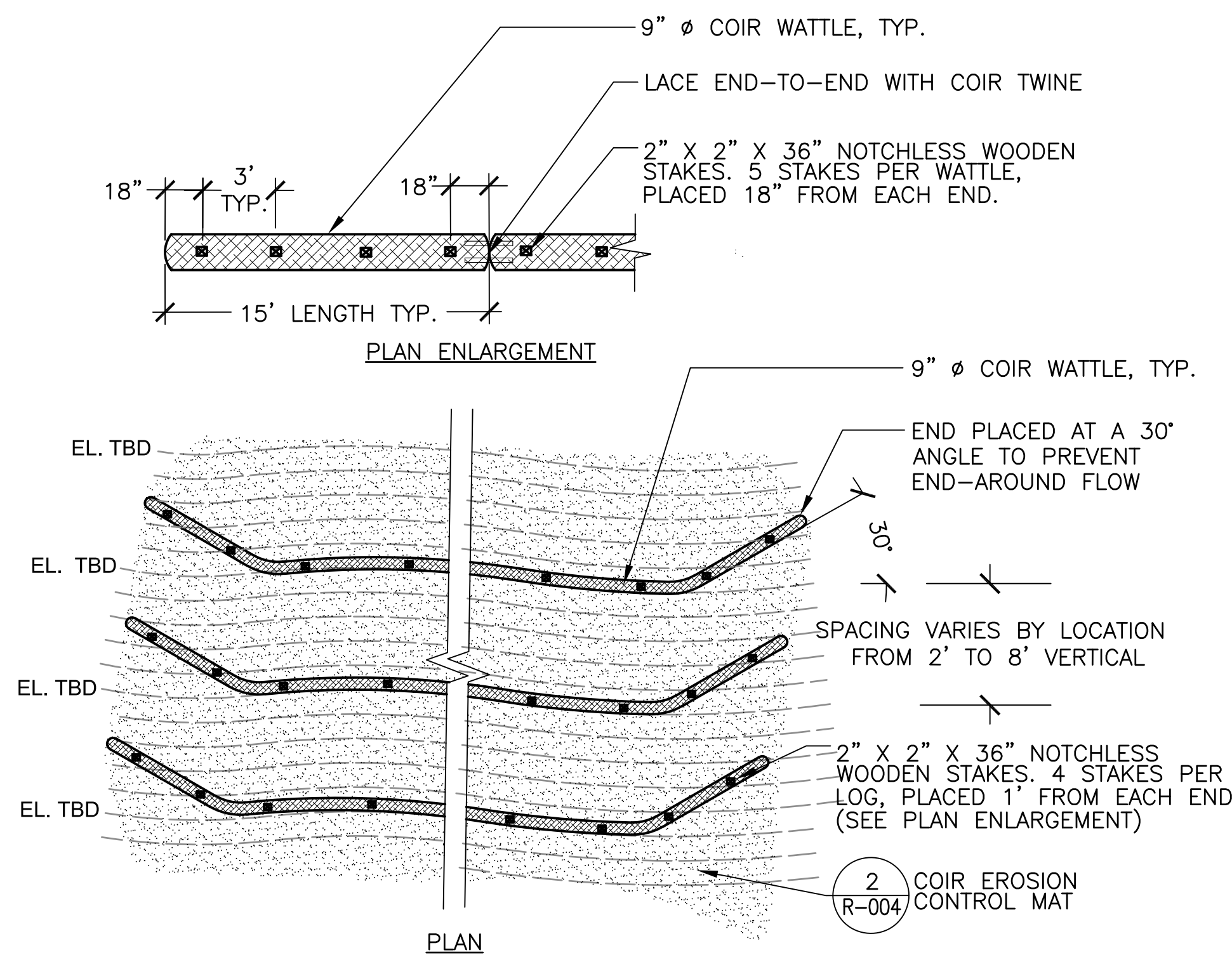
GULLY AREA 2 - ENLARGEMENT PLAN



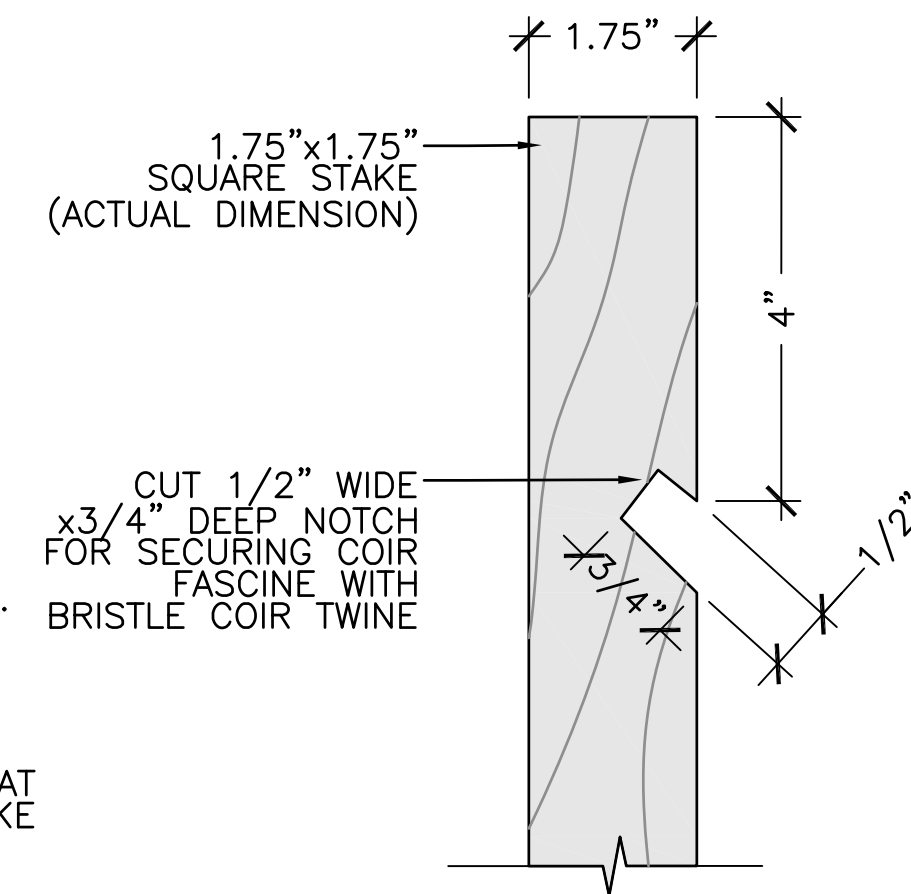
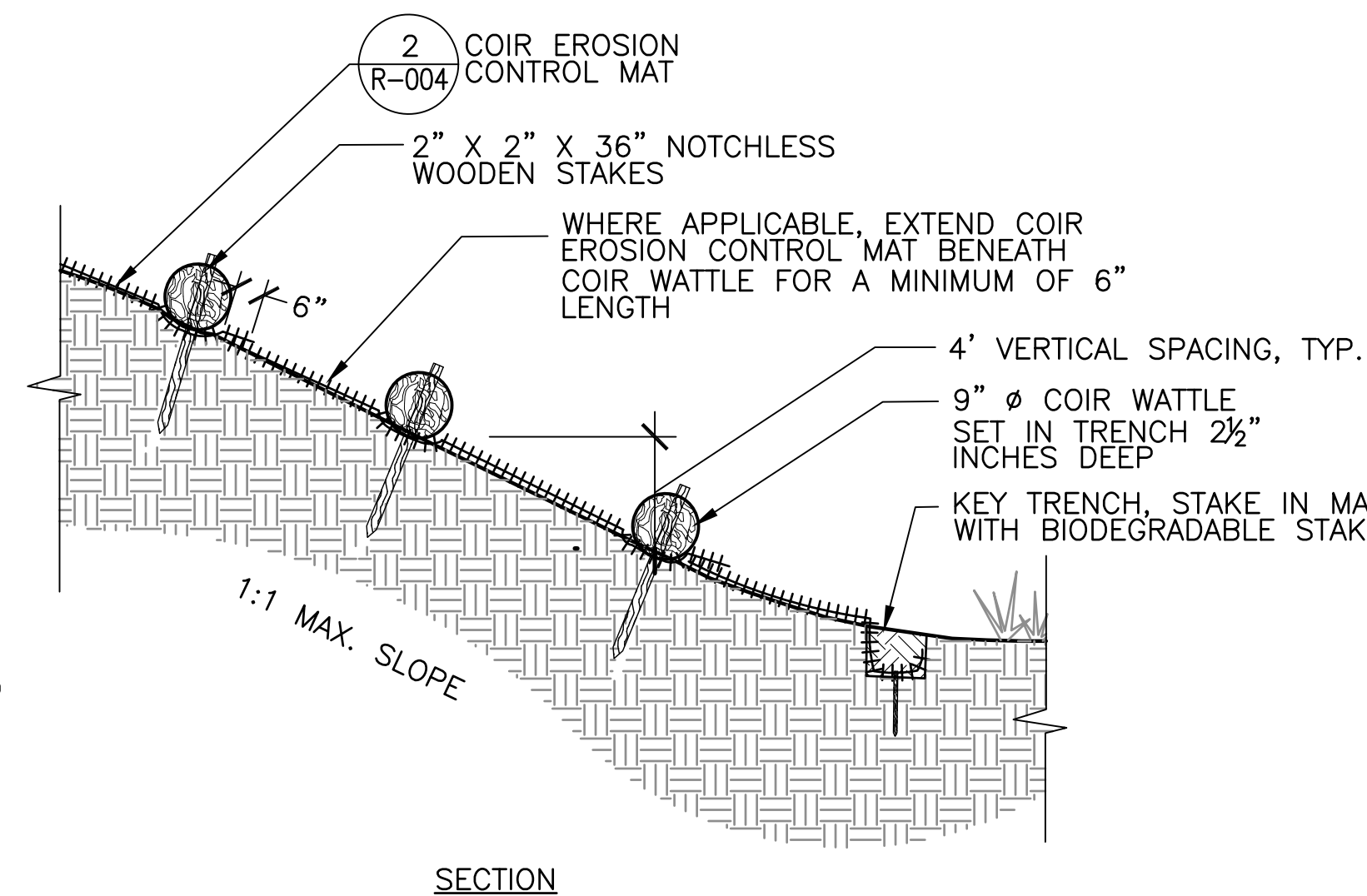
TYPICAL PROFILE

TYPICAL SECTION

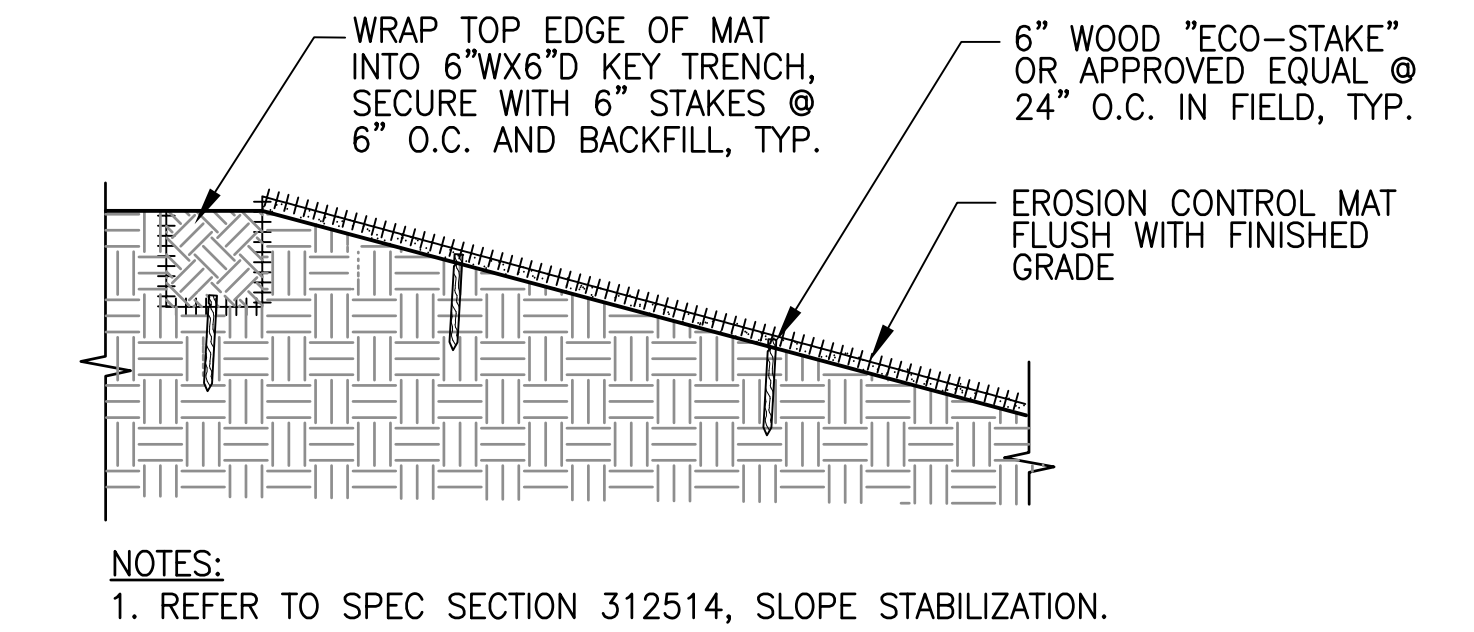
5 GULLY TREATMENT - AREAS 1 AND 2
SCALE: NTS



NOTE:
1. PLACEMENT AND FINISHED HEIGHT OF WATTLES TO BE DETERMINED IN FIELD BY OWNER'S REPRESENTATIVE.
2. INSTALL COIR WATTLES PERPENDICULAR TO SLOPE.

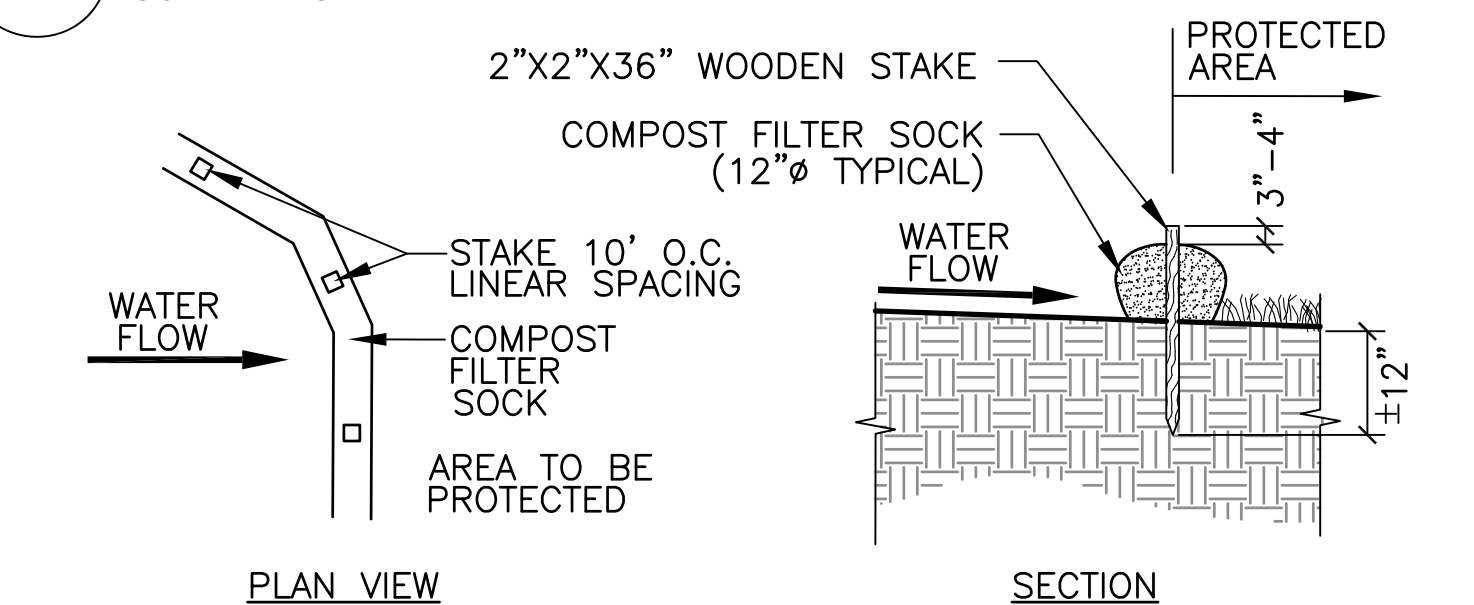


NOTE:
STAKES SHALL BE 3'-0" LENGTH ON BOTH SIDES OF SINGLE COIR LOG AND LOWER SIDE OF STACKED LOG. 4'-0" LENGTH STAKES SHALL BE USED ON THE HIGH SIDE (LAND SIDE) OF THE UPPER STACKED LOG.



NOTES:
1. REFER TO SPEC SECTION 312514, SLOPE STABILIZATION.

2 COIR EROSION CONTROL MAT
SCALE: NTS

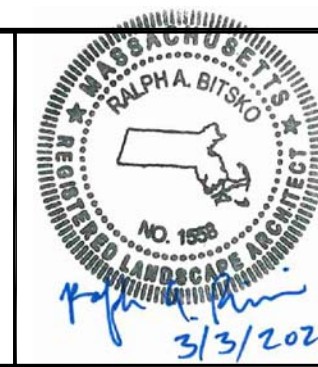


NOTE:
CONTRACTOR TO SLICE MESH FABRIC TUBING OF COMPOST FILTER SOCK, REMOVE ALL FABRIC OFF SITE AND RAKE OUT MULCH AT COMPLETION OF PROJECT.

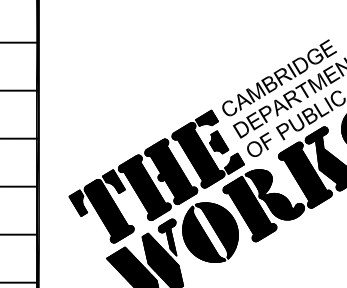
1 COMPOST FILTER SOCK
SCALE: NTS

4 SLOPE TREATMENT
SCALE: NTS

3 WOODEN STAKE (NOTCHED)
SCALE: NTS



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Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	R-004
Project	GLACKEN FIELD RENOVATIONS	File No.	9058
Drawing	GLACKEN SLOPE PHASE 6 RESTORATION DETAILS		

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PLANTING NOTES:

- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE PLANT SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
- ALL PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN SOCIETY OF NURSERYMEN, INC. IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY.
- THE CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING PLAN SHOWN ON THE DRAWINGS.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- ALL PLANTS SHALL BE STRAIGHT SPECIES, NO CULTIVARS SHALL BE USED, UNLESS OTHERWISE NOTED.
- NO TREES OR SHRUBS SHALL BE PLANTED BEFORE ACCEPTANCE OF SLOPE TREATMENTS BY THE OWNER'S REPRESENTATIVE.
- SEED AND MULCH ALL DISTURBED AREAS WITH APPROVED SEED MIX.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED, STOLEN, DEAD, DECLINING OR LOST MATERIAL UNTIL COMPLETION OF THE ONE (1) YEAR MAINTENANCE AND GUARANTEE PERIOD.

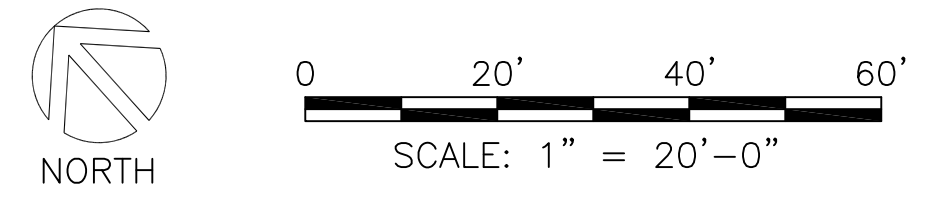
LEGEND

- LIMIT OF WORK
- 100' RESOURCE AREA BUFFER
- EXISTING TREE TO REMAIN
- EVERGREEN TREE (TO BE PLACED IN FIELD)
- DECIDUOUS CANOPY TREE (TO BE PLACED IN FIELD)
- UNDERSTORY TREE (TO BE PLACED IN FIELD)
- SHRUB PLANTINGS
- GROUNDCOVER PLANTINGS
- WOODLAND SEED MIX
- PLANT ESTABLISHMENT FENCE
- PLANT ESTABLISHMENT GATE

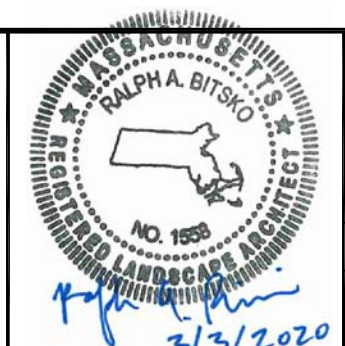


PLANT SCHEDULE - STRAIGHT NATIVE SPECIES ONLY

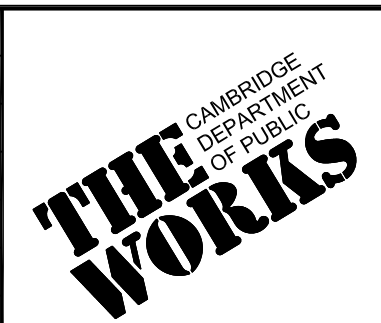
CANOPY TREES						UNDERSTORY TREES AND SHRUBS						HERBACEOUS GROUNDCOVERS					
QTY.	ID	SCIENTIFIC NAME	COMMON NAME	SIZE	COMMENTS/ SHADE TOLERANCE	QTY.	ID	SCIENTIFIC NAME	COMMON NAME	SIZE	COMMENTS/ SHADE TOLERANCE	QTY.	ID	SCIENTIFIC NAME	COMMON NAME	SIZE	COMMENTS
4	AC	Acer Saccharum	Sugar maple	2" CAL, B&B	VERY TOLERANT	20	Aa	Aronia arbutifolia	Red chokeberry	24" HT, CONT.	INTERMEDIATE, FIELD EDGE	250	ac	Asarum canadensis	Canadian wild ginger	2.5" PLUG	12" O.C.
8	BL	Betula lenta	Sweet birch	1" CAL, CONT.	INTERMEDIATE	49	Ac	Amelanchier canadensis	Serviceberry	36" HT, CONT.	VERY TOLERANT, FIELD EDGE	250	cp	Carex pensylvanica	Pennsylvania sedge	2.5" PLUG	12" O.C.
12	CA	Carya glabra	Pignut hickory	1" CAL, CONT.	INTERMEDIATE	5	Ba	Betula alleghaniensis	Yellow birch	6' HT, CONT.	TOLERANT, FIELD EDGE	250	dm	Dryopteris marginalis	Marginal woodfern	2.5" PLUG	12" O.C.
15	CO	Carya ovata	Shagbark hickory	2" CAL, B&B	INTERMEDIATE	16	Cc	Corylus cornuta	Beaked hazelnut	36" HT, CONT.	TOLERANT	250	ed	Eurybia divaricata	White wood aster	2.5" PLUG	12" O.C.
5	FA	Fraxinus americana	White ash	1" CAL, CONT.	TOLERANT	19	Cf	Cornus florida	Flowering dogwood	6' HT, CONT.	VERY TOLERANT, FIELD EDGE	250	pt	Pteridium aquilinum	Bracken fern	2.5" PLUG	12" O.C.
9	FG	Fagus grandifolia	American beech	2" CAL, B&B	VERY TOLERANT	9	Hv	Hamamelis virginiana	Witch hazel	4' HT, CONT.	VERY TOLERANT	250	tc	Tiarella cordifolia	Foamflower	2.5" PLUG	12" O.C.
5	PrSe	Prunus serotina	Black cherry	1" CAL, CONT.	INTOLERANT, FIELD EDGE	124	Lb	Lindera benzoin	Spicebush	36" HT, CONT.	VERY TOLERANT, FIELD EDGE	400	dp	Dennstaedtia punctilobula	Hay-scented fern	#1 CONT.	18" O.C, FIELD EDGE
8	PS1	Pinus strobus	White pine	4' HT, CONT.	INTERMEDIATE, FIELD EDGE	5	Ov	Ostrya virginiana	American hophornbeam	6' HT, CONT.	VERY TOLERANT						
4	PS2	Pinus strobus	White pine	8' HT, B&B	INTERMEDIATE, FIELD EDGE	59	Sr	Swida racemosa	Gray dogwood	36" HT, CONT.	TOLERANT						
18	QR	Quercus rubra	Red oak	2" CAL, B&B	TOLERANT	29	Va	Viburnum acerifolium	Mapleleaf viburnum	36" HT, CONT.	VERY TOLERANT, FIELD EDGE						
8	QV	Quercus velutina	Black oak	1" CAL, CONT.	INTERMEDIATE	65	Vd	Viburnum dentatum	Arrowwood viburnum	36" HT, CONT.	TOLERANT, FIELD EDGE						
16	SA	Sassafras albidum	Sassafras	1" CAL, CONT.	INTOLERANT, FIELD EDGE												



ISSUED FOR BID

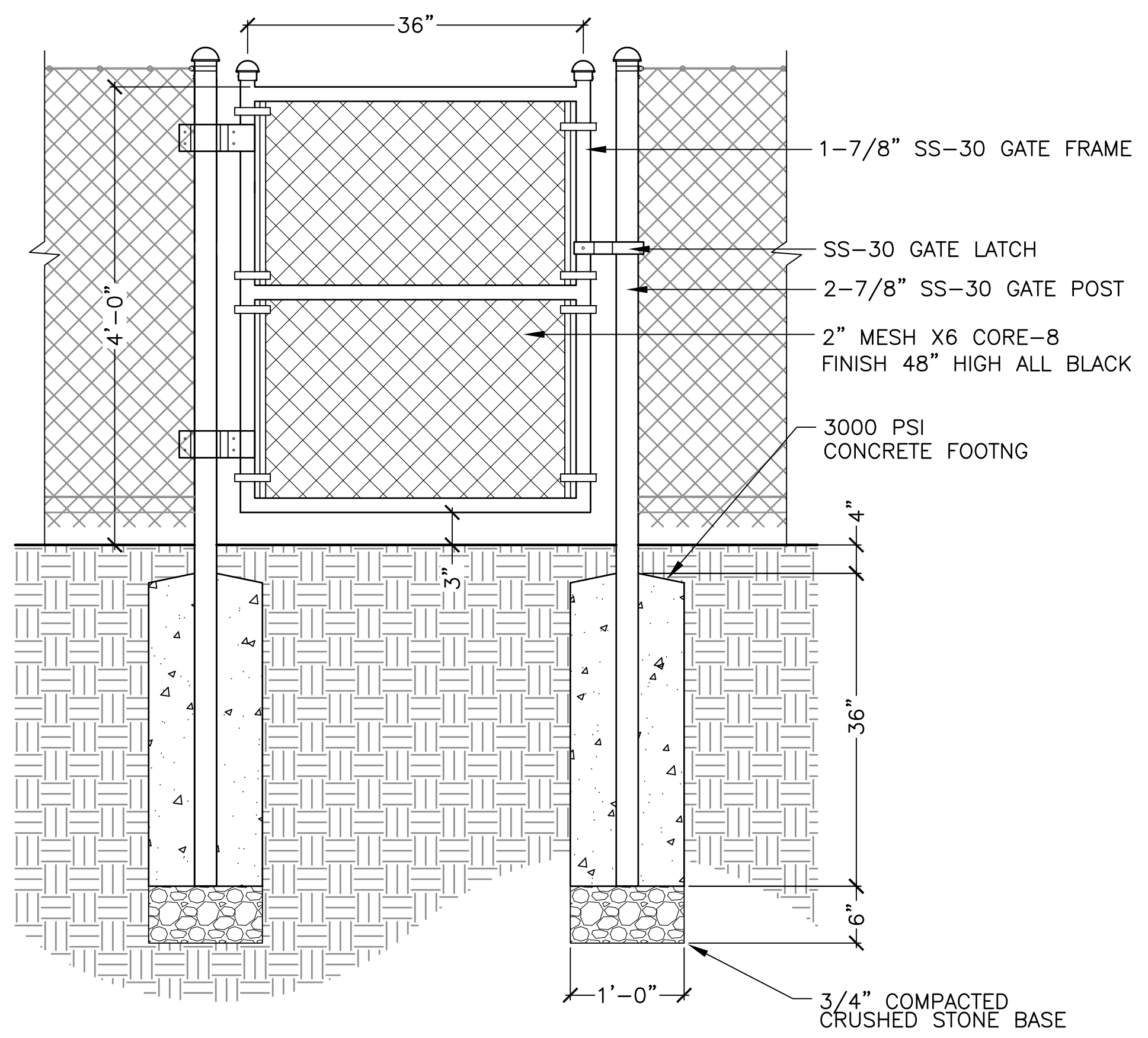


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Checked by	JB	No.	Description
Approved by	DB		REVISIONS



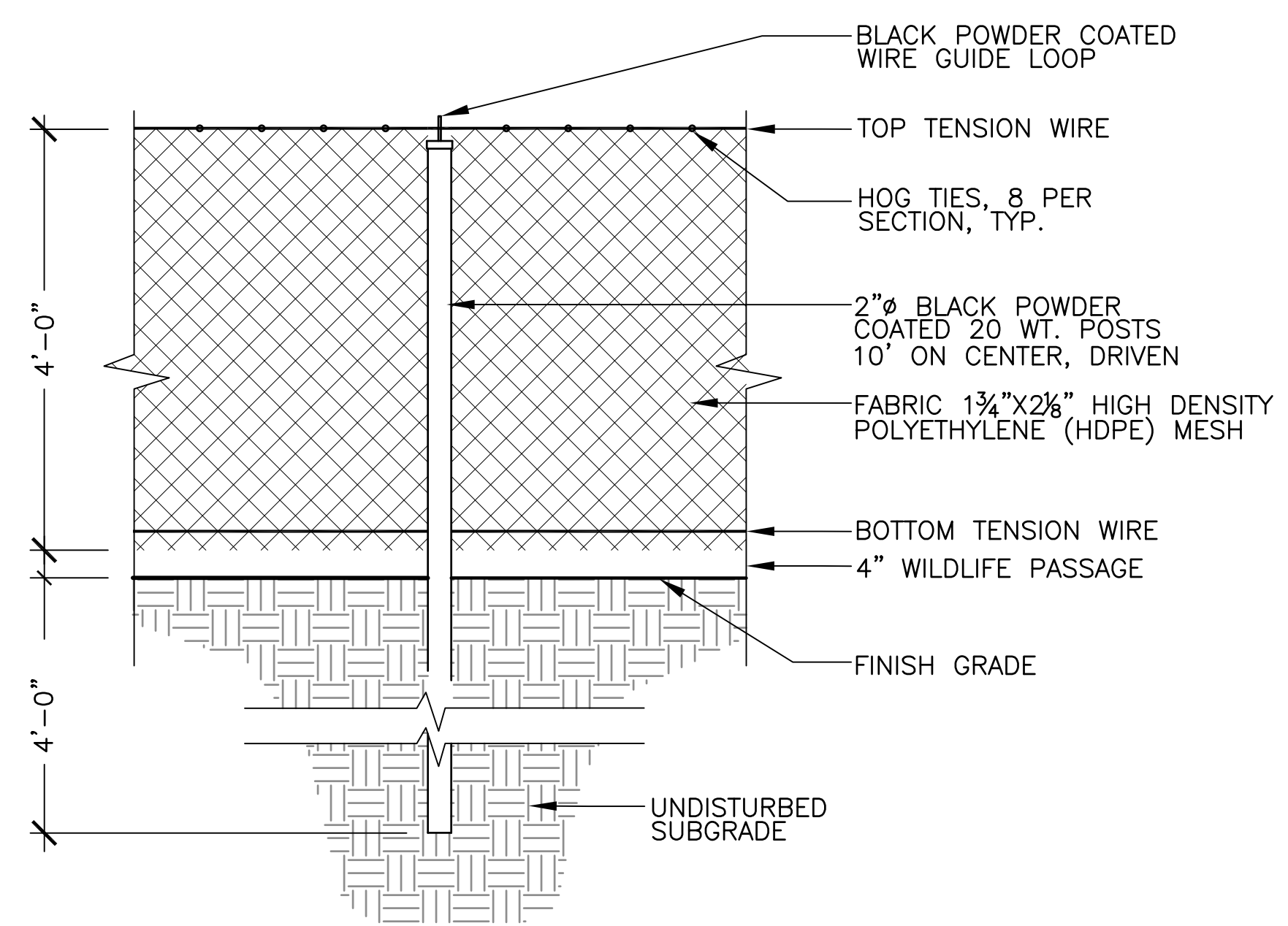
Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	R-005
Project	GLACKEN FIELD RENOVATIONS	File No.	9058
Drawing	GLACKEN SLOPE PHASE 6 RESTORATION PLANTING PLAN AND SCHEDULE		

PLOT: 3/20/20 9:34 PM BY: hach, andrew
 CAD FILE: C:\Users\hach\OneDrive\Documents\CAD\2020\RESR_PLANTING_LAYOUT.dwg



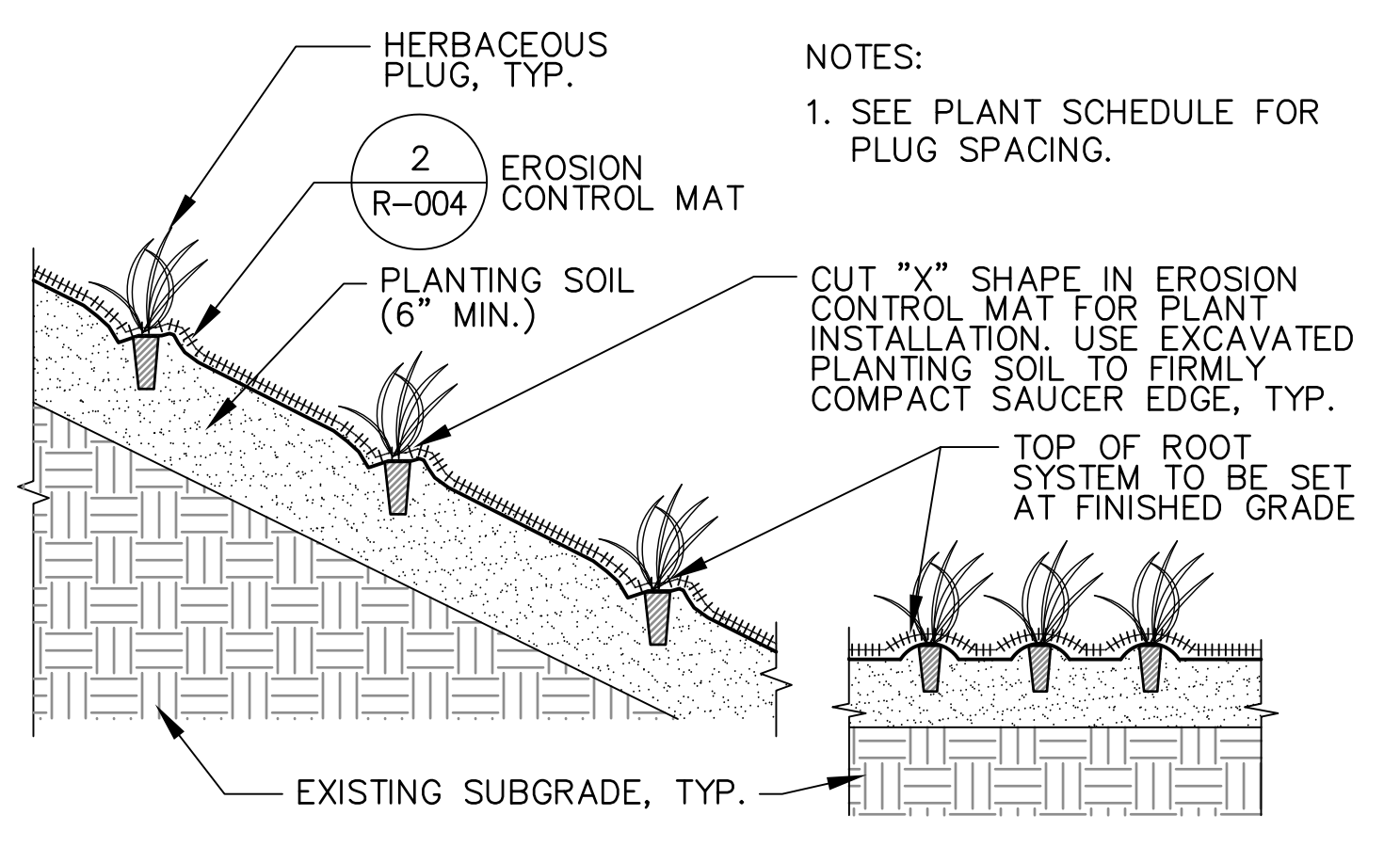
NOTE:
 1. GATE AND POST TO BE ALL BLACK POWDER COAT FINISH.
 2. GATE LOCATION SHALL BE APPROVED IN THE FIELD BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

6 4' HT. PLANT ESTABLISHMENT GATE
 SCALE: NTS



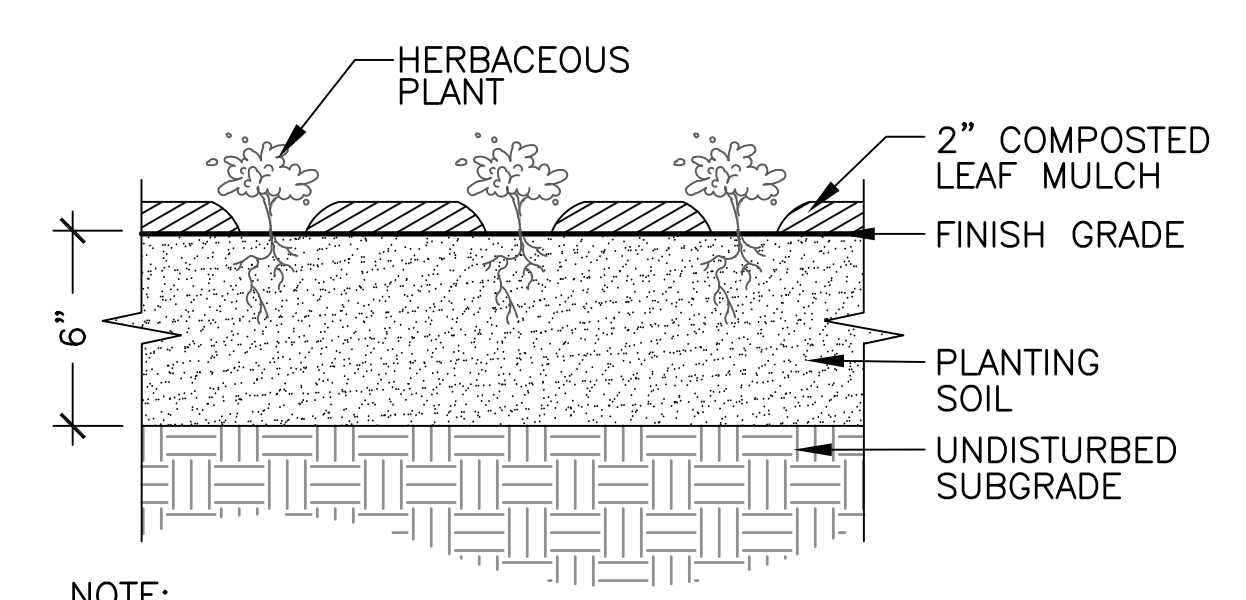
NOTE:
 1. AT CHANGES IN DIRECTION, FENCE SHALL BE GENTLE CURVE, NOT EXCEEDING A RADIUS OF 170.
 2. FOR TIGHTER RADII, FENCE SHALL BE DETAILED AS SHOWN IN PLAN.

5 4' HT. PLANT ESTABLISHMENT FENCE
 SCALE: NTS



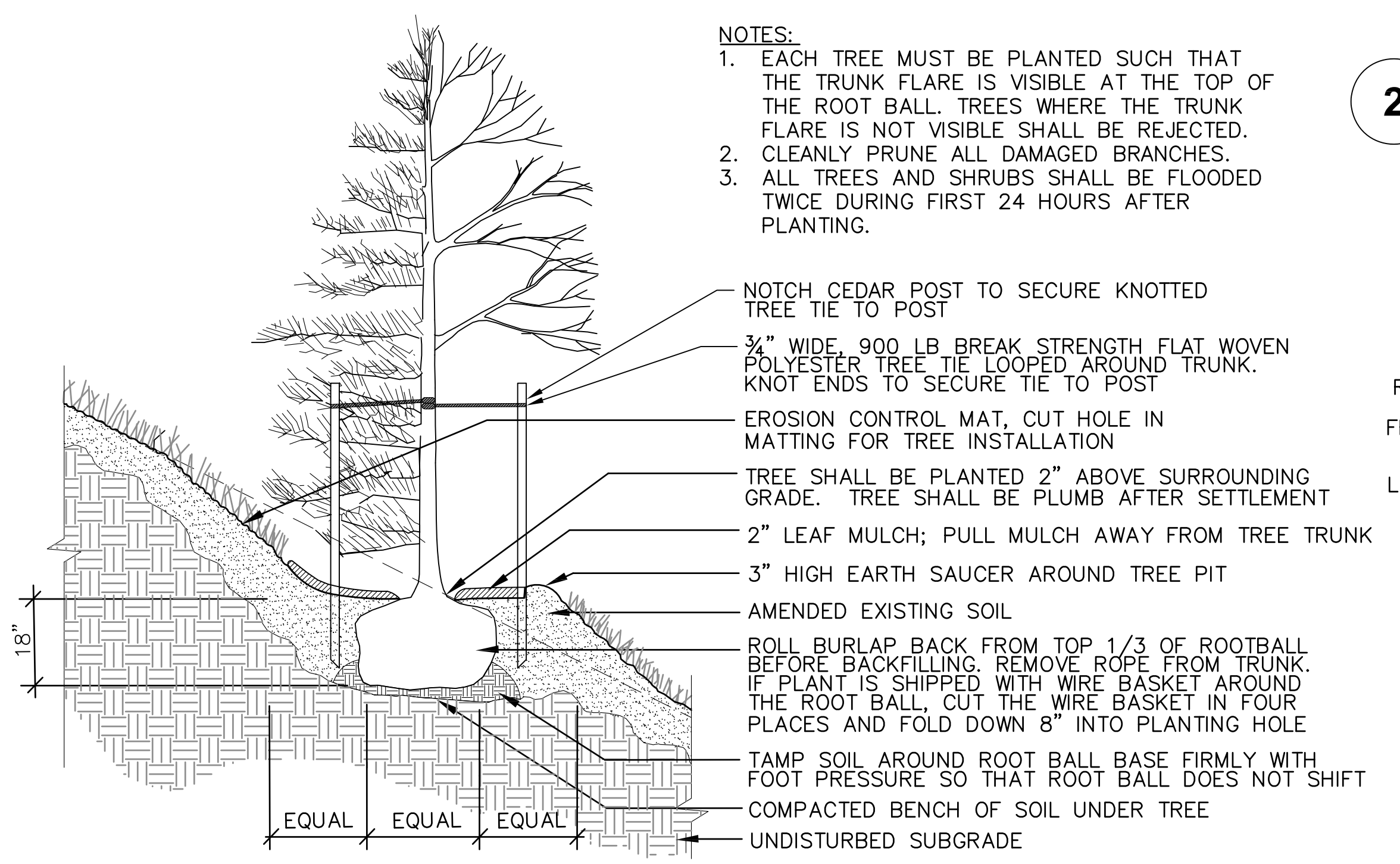
NOTES:
 1. SEE PLANT SCHEDULE FOR PLUG SPACING.

5 HERBACEOUS PLUG PLANTING
 SCALE: NTS



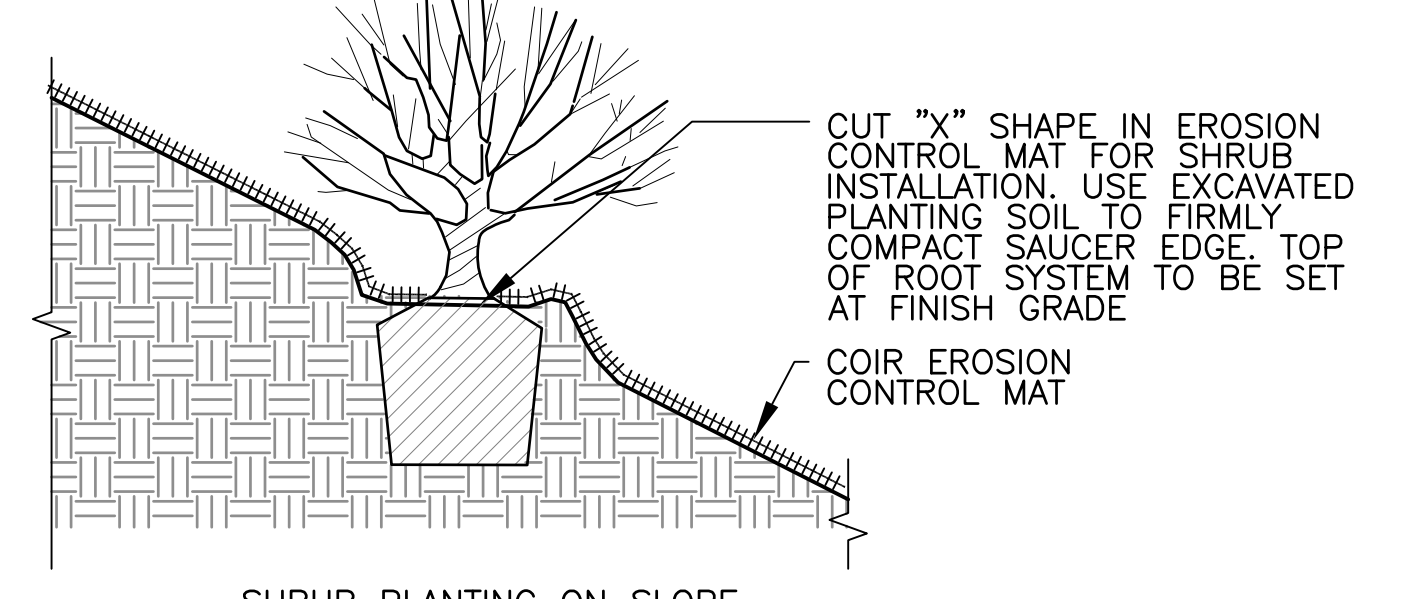
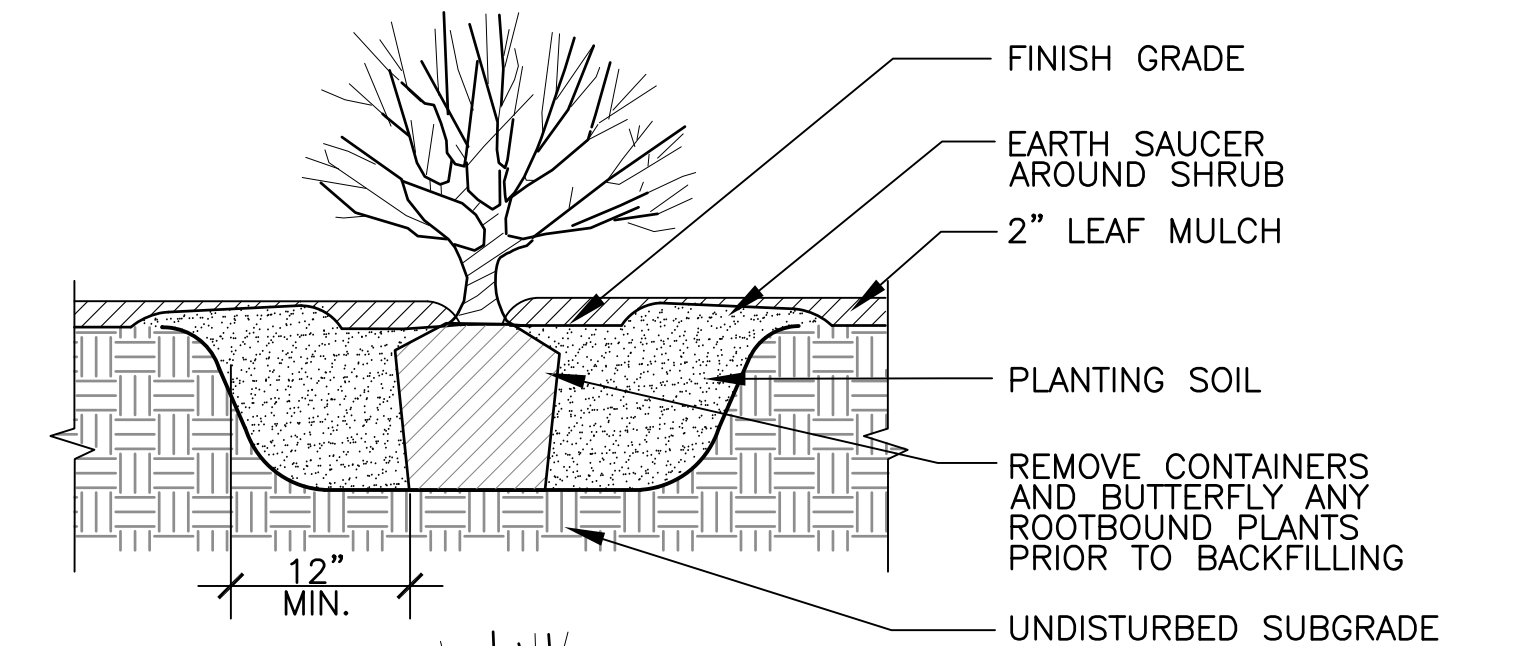
NOTE:
 1. PLANTS TO BE LAID OUT IN THE FIELD BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.

4 HERBACEOUS PERENNIAL PLANTING
 SCALE: NTS

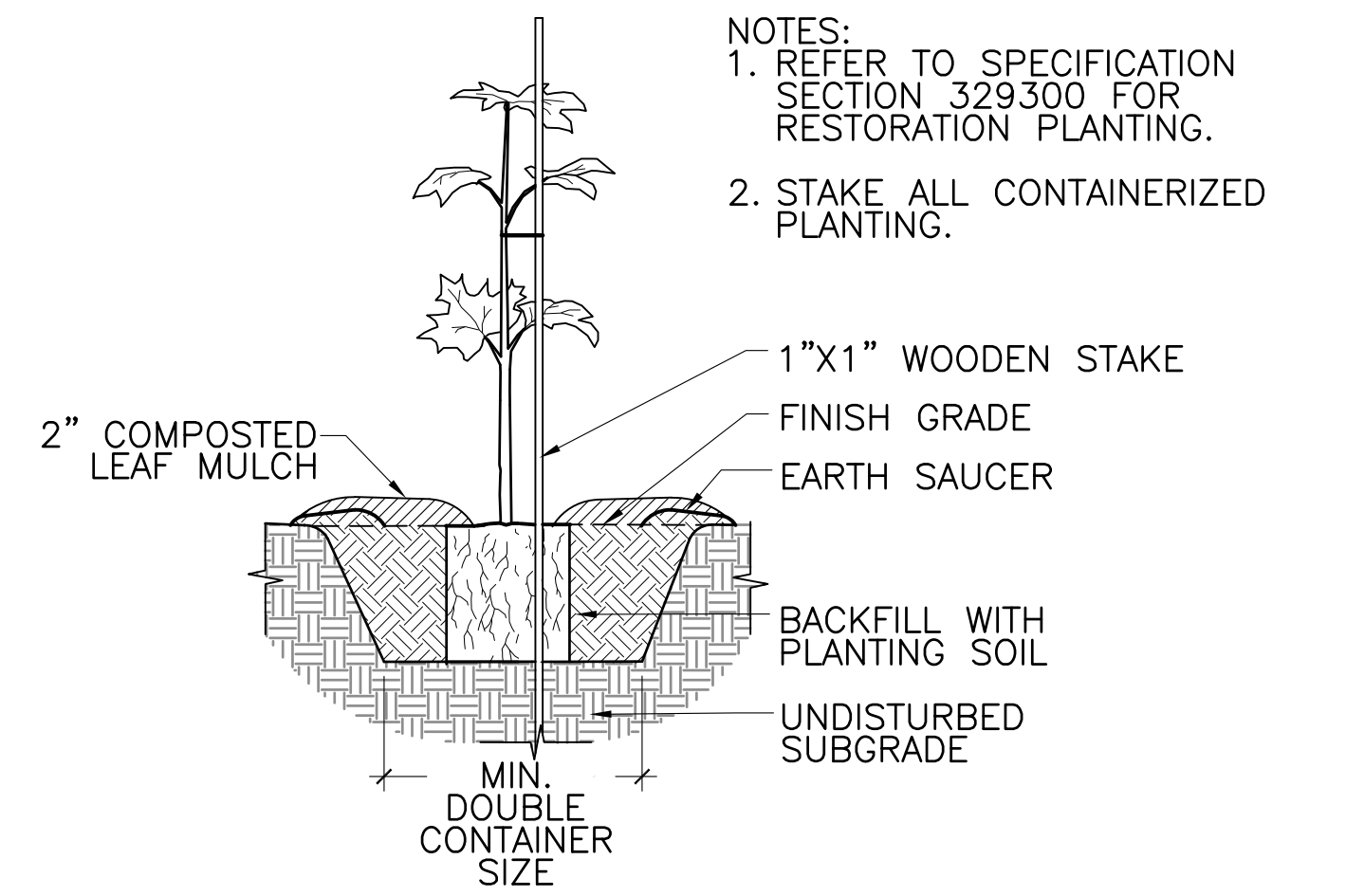


NOTES:
 1. EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED.
 2. CLEANLY PRUNE ALL DAMAGED BRANCHES.
 3. ALL TREES AND SHRUBS SHALL BE FLOODED TWICE DURING FIRST 24 HOURS AFTER PLANTING.

1 B&B TREE PLANTING
 SCALE: NTS

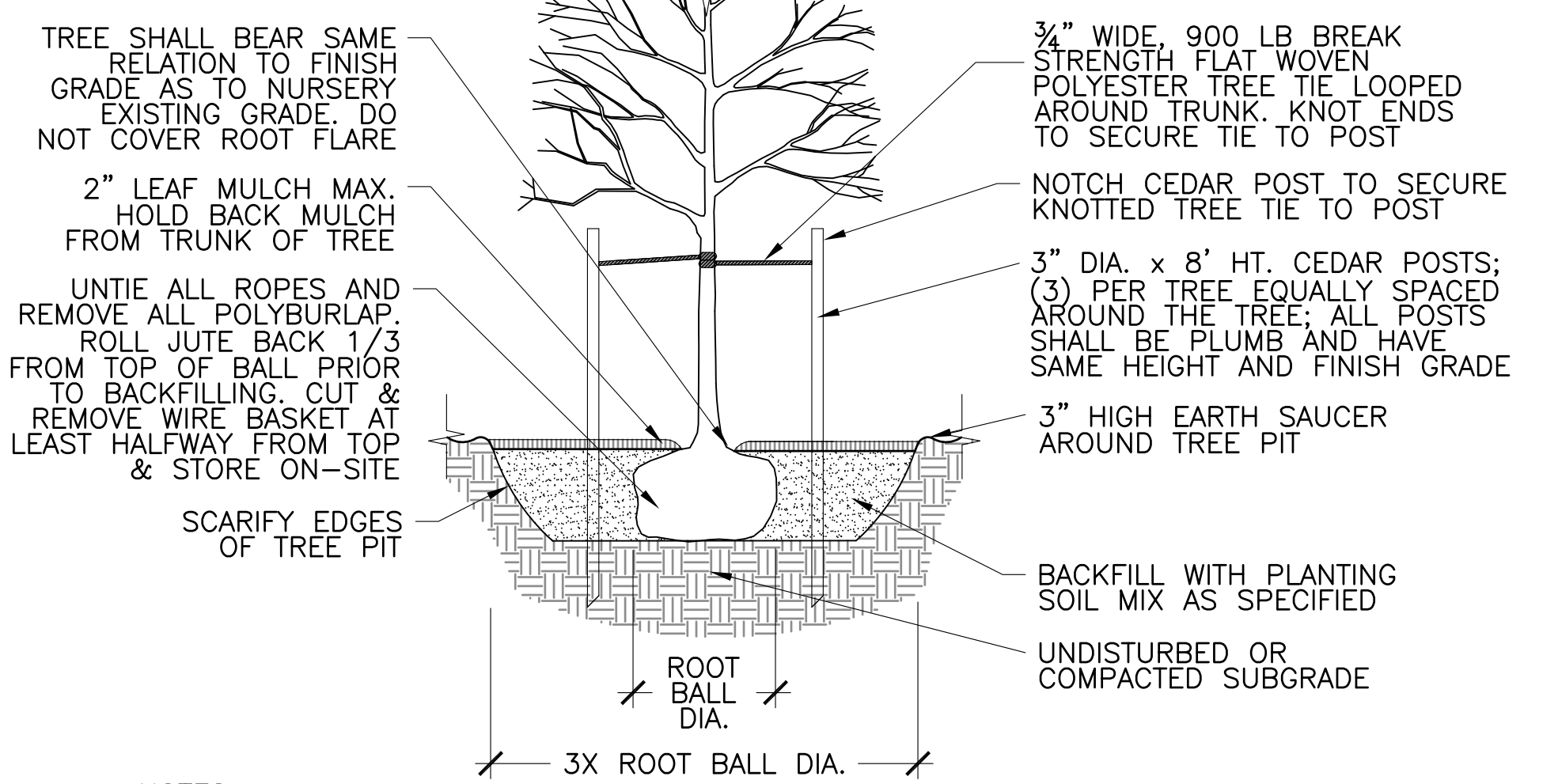


3 SHRUB PLANTING
 SCALE: NTS



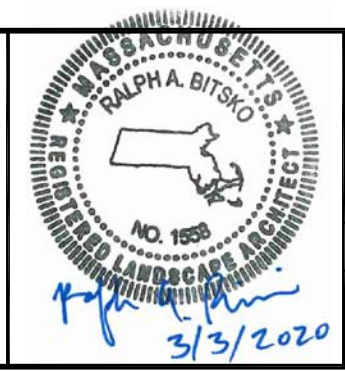
NOTES:
 1. REFER TO SPECIFICATION SECTION 329300 FOR RESTORATION PLANTING.
 2. STAKE ALL CONTAINERIZED PLANTING.

2 CONTAINERIZED TREE PLANTING
 SCALE: NTS

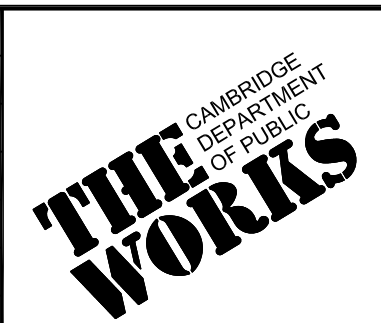


NOTES:
 1. CLEANLY PRUNE ALL DAMAGED BRANCHES.
 2. TREE SHALL HAVE STRAIGHT TRUNK AND BE PLUMB AFTER SETTLEMENT. CONTRACTOR SHALL ADJUST AS REQUIRED OR AS DIRECTED BY OWNER'S REPRESENTATIVE.

ISSUED FOR BID



Scale	NTS			
Date	03/05/2020			
Job No.	20201034.002A			
Designed by	DB, AK			
Drawn by	AK			
Checked by	JB	No.	Description	Date
Approved by	DB		REVISIONS	



Client	CITY OF CAMBRIDGE, MASSACHUSETTS	Sheet	R-006
Project	GLACKEN FIELD RENOVATIONS	File No.	9058
Drawing	GLACKEN SLOPE PHASE 6 RESTORATION PLANTING DETAILS		