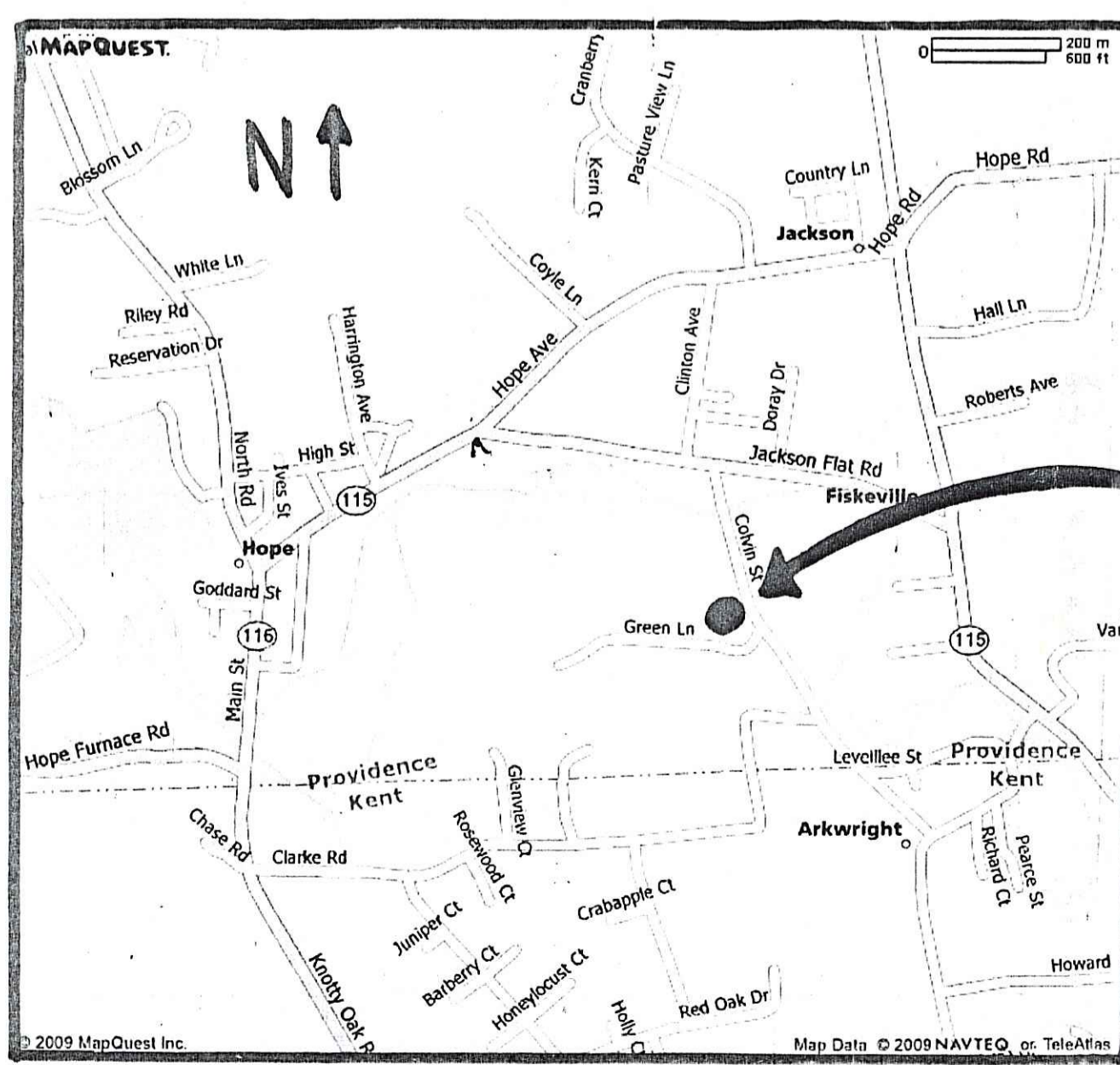
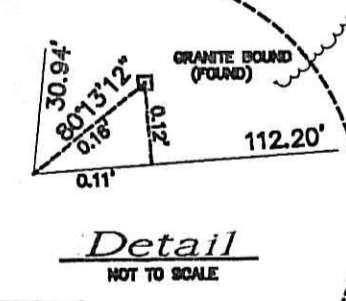


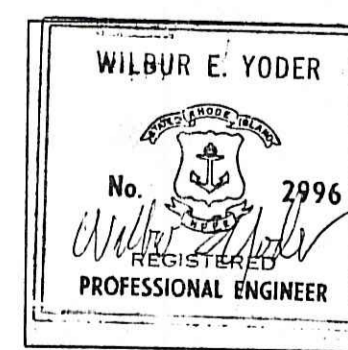
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Chord=68.07

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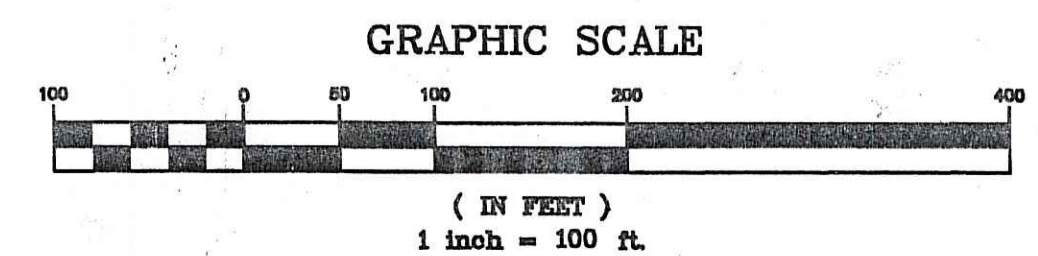


LOCUS
MAP

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 06 2010 FILE # 08-0123
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



THE SITE CONDITIONS SHOWN
ARE TRUE AND ACCURATE TO
THE BEST OF MY KNOWLEDGE.
THE CONSTRUCTION AND
INSTALLATION DETAILS SHOWN
ARE INTEGRAL ELEMENTS OF
THE PROPOSED PROJECT AND
ARE CONCORDANT WITH THE
DETAILS CONTAINED IN OTHER
DRAWINGS IN THE PROJECT
PLAN SET BEARING THIS STAMP.

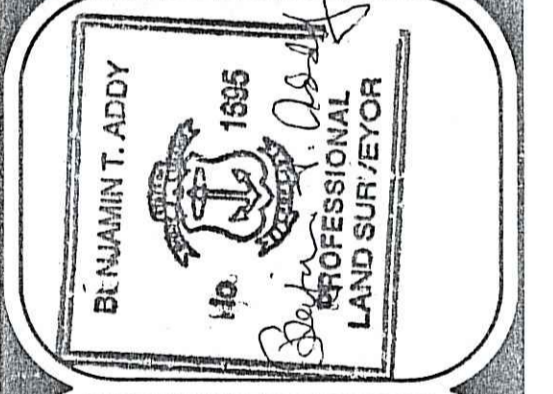


Hope Associates
Colvin Street
Scituate, Rhode Island

Checked By: B.T.A.
Scale: 1" = 100'
NO. REVISION BY DATE

NO.	REVISION	BY	DATE

CERTIFICATION
THIS SURVEY AND PLAN
CONFORM TO A CLASS 1
STANDARD AS ADOPTED
BY THE BOARD OF REGISTRATION
FOR PROFESSIONAL LAND
SURVEYORS.



BENJAMIN T. ADDY
PROFESSIONAL LAND SURVEYOR
12 TANGLEWOOD COURT (UNIT 11)
WEST WARWICK, RHODE ISLAND

Sheet 1
of 1 sheets

PLAN FOR NOTICE

WILBUR E. YODER
No. 2996
REGISTERED
PROFESSIONAL ENGINEER

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER LANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 06 2010 FILE # 08-023
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

HOPE VILLAGE PARK - COLVIN STR.
HOPE ASSOCIATES
HOPE, RHODE ISLAND

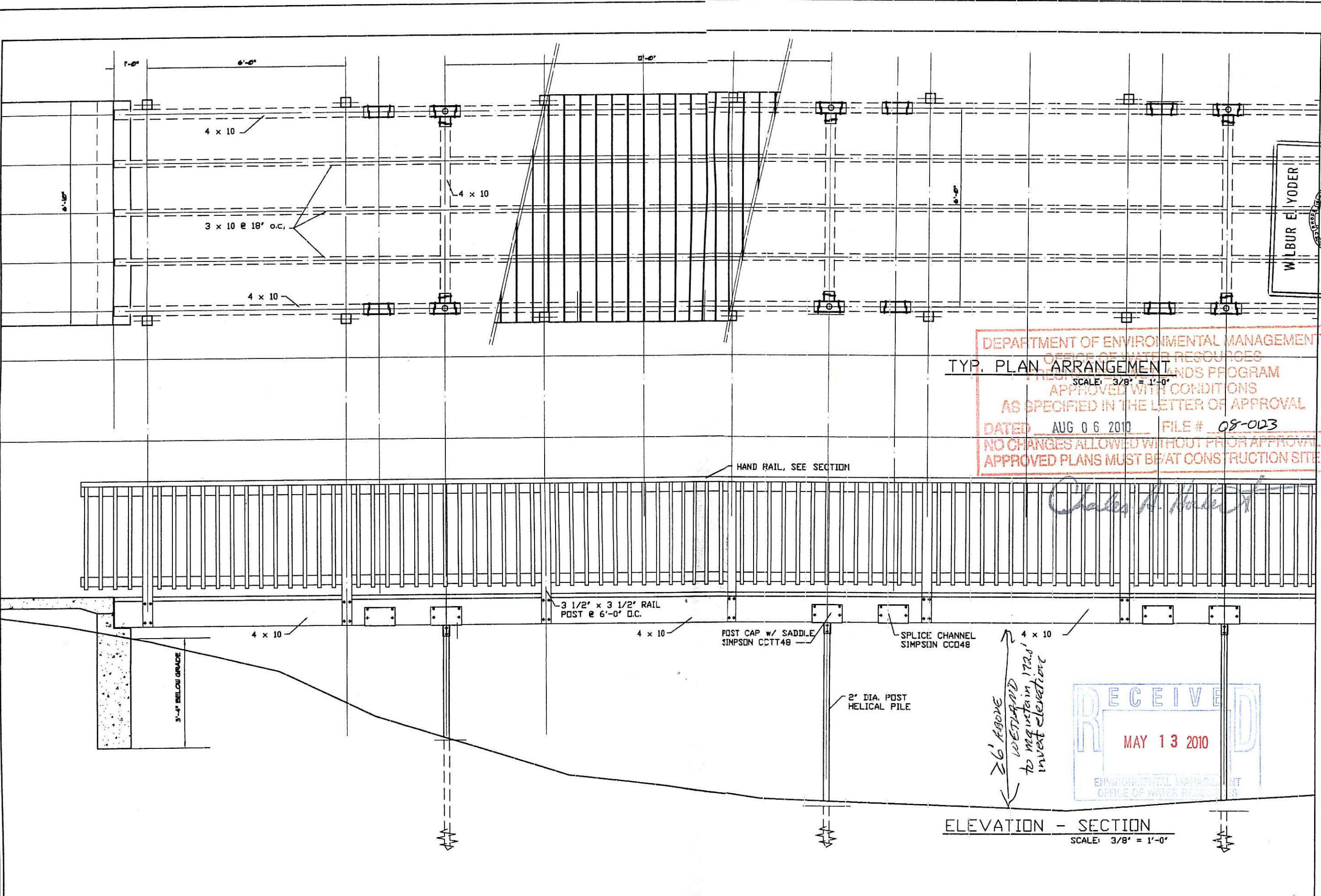
Charles A. Hester

RECEIVED
MAY 13 2010
ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES

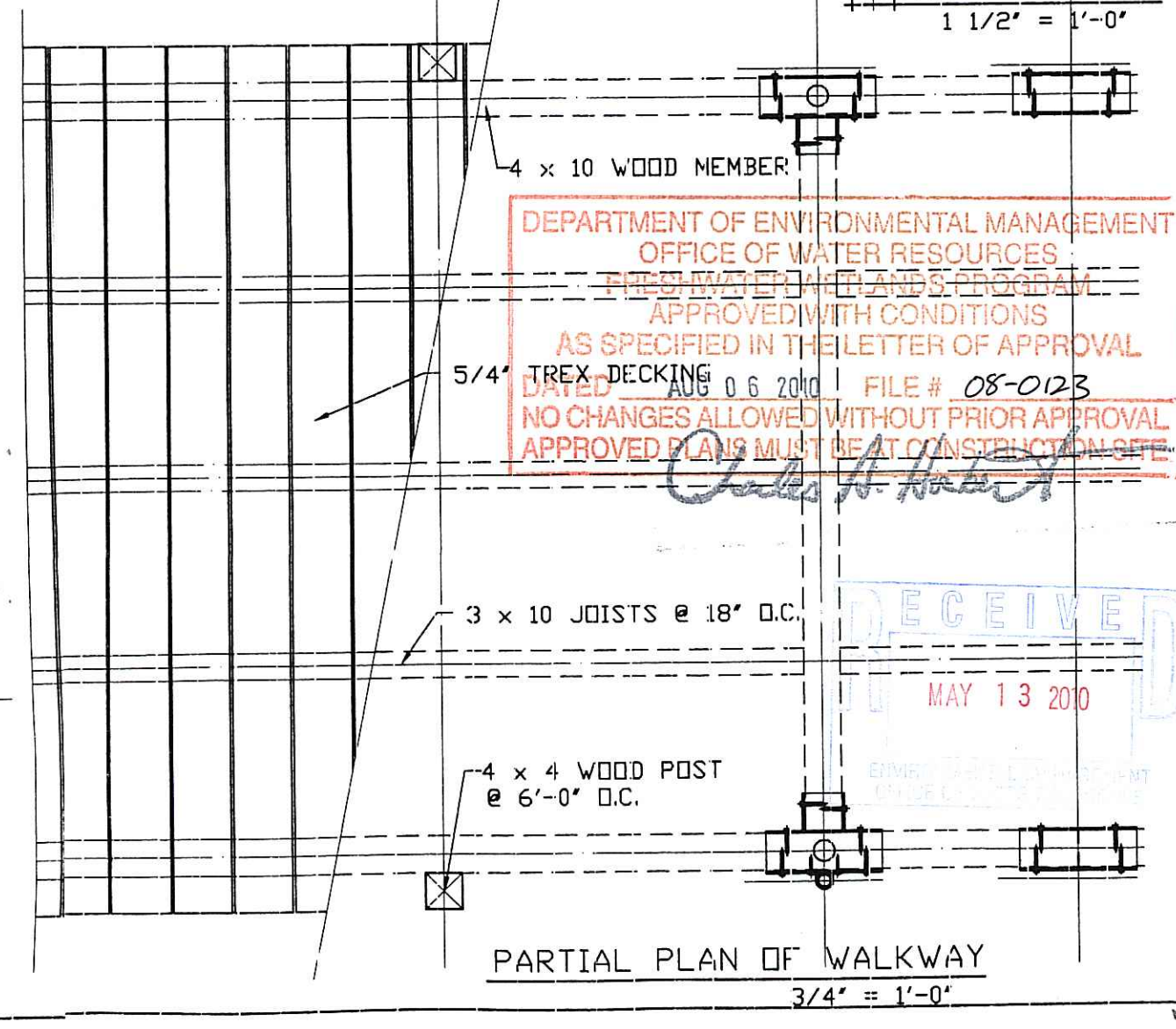
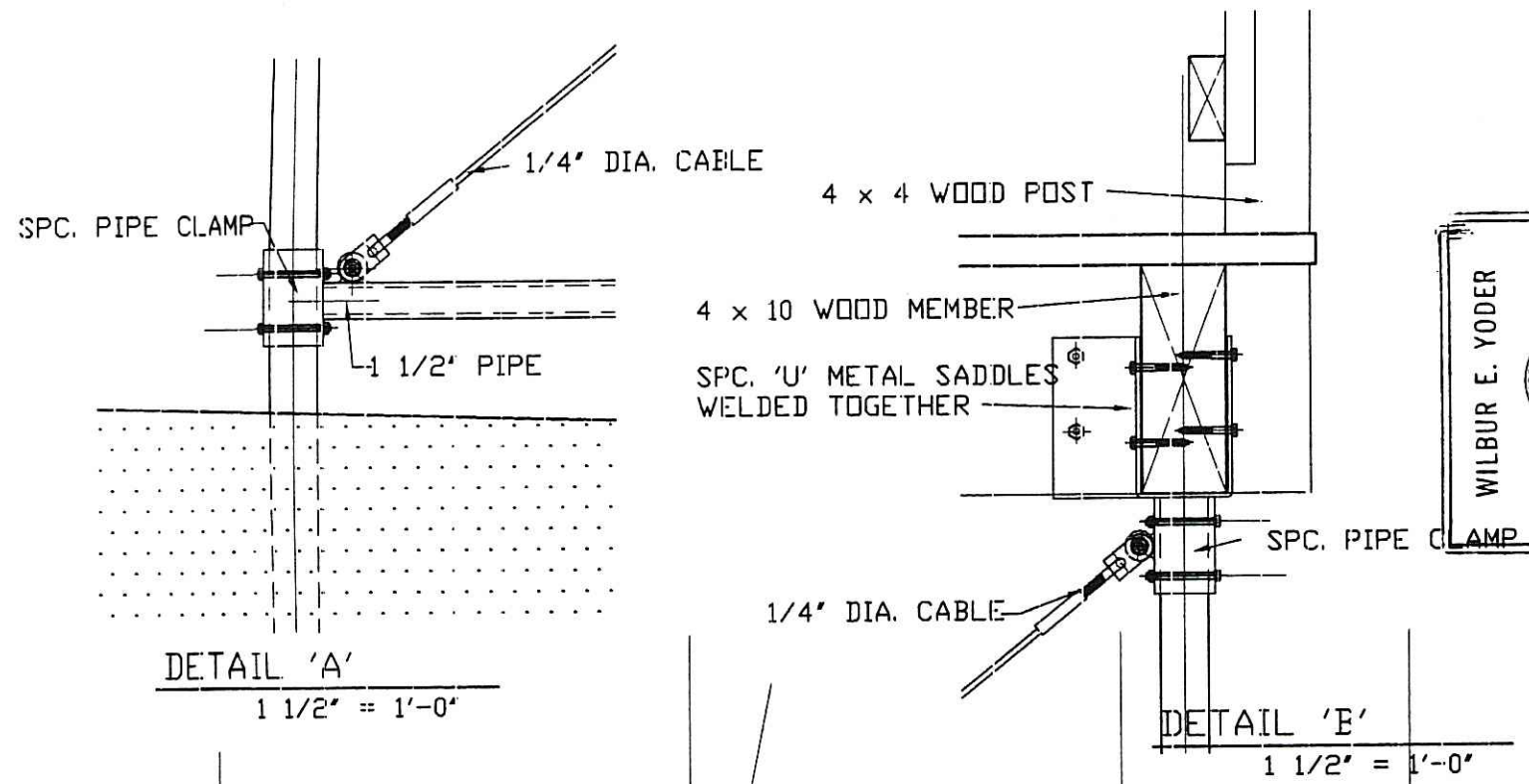
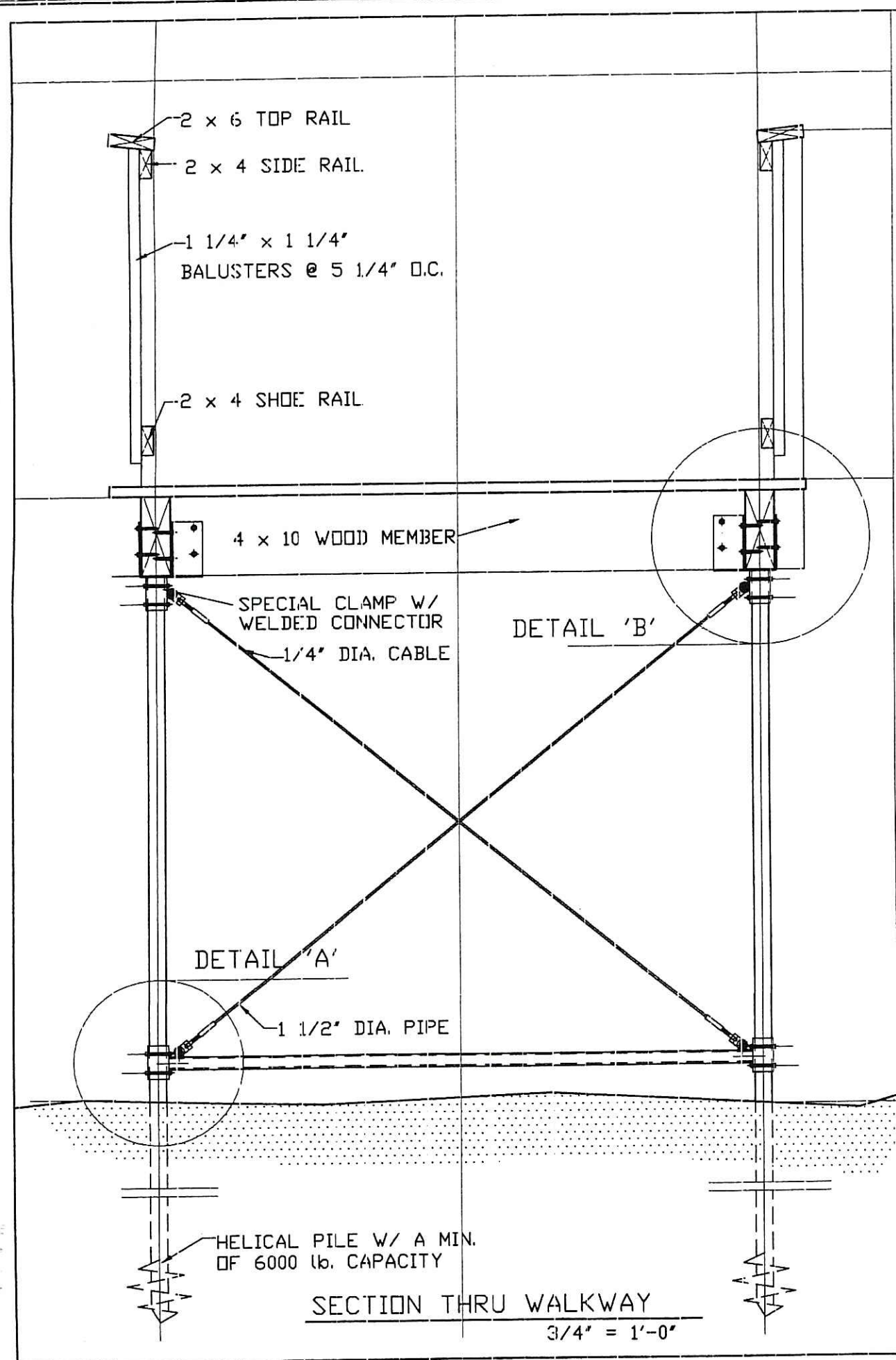
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DRAWN BY: WEY
CHECKED BY:
SCALE: AS NOTED
CONTRACT: WILLOWAY PLANNING

SHEET 2 OF 7 SHEETS

A-3



ELEVATION - SECTION
SCALE: 3/8" = 1'-0"



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 06 2010 FILE # 08-0123
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Charles A. Roberts

RECEIVED
MAY 13 2010
ENVIRONMENTAL MANAGEMENT



No. 2996
WILBUR E. YODER
REGISTERED PROFESSIONAL ENGINEER

HOPE VILLAGE PARK - COLVIN STR.
HOPE ASSOCIATES
HOPE, RHODE ISLAND

DATE: 0/26/09
DRAWN BY: UBY
CHECKED BY: AS NOTED
DESIGN/ISSUE DETAILS

SHEET 3 OF 7 SHEETS
A-4

GENERAL NOTES: SITE PREPARATION

- THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS AND TO BECOME THOROUGHLY FAMILIAR WITH THE PROJECT AND THE SITE PRIOR TO COMMENCING THE WORK.
- THE CONTRACTOR SHALL CONTACT "DIG-SAFE", OBTAIN A REGISTRATION NUMBER AND NOTIFY PROJECT MANAGER/OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL STATE AND MUNICIPAL CODES AND REGULATIONS.
- ANY SUBCONTRACTORS EMPLOYED BY THE CONTRACTOR ON THIS PROJECT SHALL WORK WITHIN THE SAME PROTECTED WORK AREAS AS THE CONTRACTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE EXISTING CONDITIONS ARE NOT OBLITERATED BEFORE CONTROL POINTS ARE LOCATED AND CONSTRUCTION LAYOUT IS ESTABLISHED. THE CONSTRUCTION LAYOUT SHALL BE PROVIDED IN SUFFICIENT DETAIL, THEREBY ENABLING HIM TO CONSTRUCT THE PROJECT IN CONFORMITY WITH THE PLANS AND SPECIFICATIONS. SURVEY WILL BE PROVIDED BY THE CONTRACTOR. THE PROJECT MANAGER WILL NOT AUTHORIZE CONSTRUCTION ACTIVITIES TO BEGIN UNTIL ALL GROUND CONTROL HAS BEEN ESTABLISHED, TIED DOWN, AND DULY RECORDED IN STANDARD FIELD BOOKS.
- ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
- THE PROJECT SITE SHALL BE CLEANED DAILY AND SHALL REMAIN FREE OF ANY DEBRIS OR HAZARDS THAT CAN CAUSE INJURY.
- THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND PLACING, AT HIS OWN EXPENSE, PLANTABLE SOIL AND SEED IN AREAS WHICH ARE OUTSIDE OF THE PROJECT'S AREAS OF DISTURBANCE AND WHICH ARE IMPACTED BY CONSTRUCTION OPERATIONS INCLUDING THOSE AREAS WHERE VEHICLES, EQUIPMENT AND MATERIALS ARE STORED WITH THE PERMISSION OF THE PROJECT MANAGER/OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL PLACE ALL EQUIPMENT AND MATERIAL AWAY FROM ROADS, SIDEWALKS, PARKING AND VEHICLE TRAVEL AREAS SO AS NOT TO CAUSE A SAFETY HAZARD.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL ROADWAYS FREE OF DEBRIS RESULTING FROM THE CONSTRUCTION OPERATIONS. ALL DEBRIS SHALL BE REMOVED TO THE SATISFACTION OF THE PROJECT MANAGER/OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
- ANY DAMAGE TO EXISTING PAVEMENT, CONDUIT, SIDEWALK, FENCES, ETC., CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- NO STORAGE OF MATERIALS IS ALLOWED WITHIN THE DRIPLINE OF TREES.
- NO FUEL STORAGE, VEHICLE REFUELING, OR EQUIPMENT STORAGE SHALL TAKE PLACE IN DESIGNATED WETLANDS, NOR WITHIN 100' OF ANY WATER BODY. THIS REQUIREMENT SHALL NOT SUPERSEDE ANY FEDERAL, STATE OR LOCAL LAW, ORDINANCE, RULE OR REGULATION THAT APPLIES TO THE SAME, UNLESS THIS REQUIREMENT IS MORE STRINGENT THAN SAID LAW, ORDINANCE, RULE OR REGULATION.
- THE FREQUENCY AND APPLICATION RATES FOR THE DUST CONTROL ITEMS WILL BE AS DIRECTED BY THE PROJECT MANAGER/OWNER'S REPRESENTATIVE.
- STOCKPILE TOPSOIL AND OTHER NECESSARY CONSTRUCTION MATERIAL IN AREA DESIGNATED AND AS DIRECTED BY PROJECT MANAGER/OWNER'S REPRESENTATIVE.
- PROTECT AND SECURE ALL STOCKPILED MATERIALS FROM WEATHER AND POSSIBLE VANDALISM. SEDIMENT AND EROSION CONTROLS MUST REMAIN IN PLACE THROUGH THE DURATION OF THE CONTRACT.
- SCARIFY AND REMOVE ALL EXISTING PLANTINGS, DEBRIS AND UNSUITABLE PLANTING MEDIUM IN AREAS DESIGNATED FOR NEW PLANT BEDS. UNSUITABLE MATERIAL SHALL BE DETERMINED BY SOIL TEST AND AS INDICATED BY THE PROJECT MANAGER/OWNER'S REPRESENTATIVE.
- REFERENCE IS MADE TO RIDOT STANDARD SPECIFICATIONS AND DETAILS. RIDOT IS THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION. THEIR STANDARD SPECIFICATIONS AND DETAILS ARE AVAILABLE IN PDF FORMAT ONLINE AT WWW.DOT.STATE.RI.US

DRAINAGE AND EROSION CONTROL NOTES:

- THE CONTRACTOR SHALL READ, BECOME FAMILIAR WITH, AND ADHERE TO ALL OF THE PROVISIONS, CONDITIONS, AND STIPULATIONS STATED IN THE ENVIRONMENTAL PERMITS ISSUED FOR THE PROJECT FROM THE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (RIDEM), AND/OR THE ARMY CORPS OF ENGINEERS (ACOE), AND/OR THE COASTAL RESOURCE MANAGEMENT COUNCIL (CRMC). COPIES OF EACH OF THESE PERMITS WILL BE MADE AVAILABLE TO THE CONTRACTOR BY THE OWNER. ALL COSTS ASSOCIATED WITH THESE CONDITIONS SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND INCLUDED WITH THE COST FOR THE ASSOCIATED BID ITEM(S).
- NO UNDISTURBED AREAS SHALL BE CLEARED OF EXISTING VEGETATION AFTER OCTOBER 15 OF ANY CALENDAR YEAR. ALL DISTURBED SOILS EXPOSED PRIOR TO OCTOBER 15 OF ANY CALENDAR YEAR SHALL BE SEEDED OR PROTECTED BY THAT DATE. ANY SUCH AREAS THAT DO NOT HAVE ADEQUATE VEGETATIVE STABILIZATION, AS DETERMINED BY THE PROJECT MANAGER OR ENVIRONMENTAL INSPECTOR, BY NOVEMBER 15 OF ANY CALENDAR YEAR, MUST BE STABILIZED THROUGH THE USE OF EROSION CONTROL MATTING OR HAY MULCH, IN ACCORDANCE WITH SPECIFICATIONS CONTAINED WITHIN THE R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK. IF WORK CONTINUES WITHIN ANY OF THESE AREAS DURING THE PERIOD FROM OCTOBER 15 THROUGH APRIL 15, CARE MUST BE TAKEN TO ENSURE THAT ONLY THE AREA REQUIRED FOR THAT DAY'S WORK IS EXPOSED, AND ALL ERODIBLE SOIL MUST BE RE-STABILIZED WITHIN 5 WORKING DAYS. ANY ADDITIONAL WORK TO CORRECT THE PROBLEM RESULTING FROM FAILURE TO COMPLY WITH THIS PROVISION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THERE WILL BE NO SEPARATE PAYMENT FOR THIS PROVISION, IT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OPERATIONS.
- STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN 15 DAYS OF FINAL GRADING.
- STOCKPILES OF SOIL SHALL NOT BE LOCATED WITHIN REGULATED WETLANDS, PERIMETER WETLANDS, OR BUFFER ZONE AREAS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN 30% AND STOCKPILES SHALL ALSO BE SEEDED AND RINGED WITH RIDOT STANDARD DETAIL 9.1.0 TO STABILIZE.
- PRIOR TO CLEARING AND GRUBBING OPERATIONS AND/OR DISTURBING ANY SOILS ADJACENT TO ANY WETLAND OR WETLAND BUFFER ALL TEMPORARY HAY BALES AND/OR SILT FENCES SHALL BE INSTALLED AS INDICATED ON THE PLANS. THE LIMITS OF CLEARING AND SURFACE DISTURBANCE MUST BE STRICTLY ADHERED TO IN ALL AREAS. JUTE MESH SHALL BE USED TO STABILIZE PLANTABLE SOIL AND/OR LOAM, ON ALL SLOPES ADJACENT TO WETLANDS AND WETLAND PERIMETERS, AND ON ALL SLOPES WITHIN WATER QUALITY BASINS.
- DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR PERIODS IN EXCESS OF 1 WEEK OR THROUGH THE INACTIVE WINTER SEASON.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL THROUGHOUT THE WORK AREA.
- ALL HAY BALES AND SILT FENCE SHALL BE INSTALLED WITH THE LOWER 6" BURIED AND BACKFILLED WITH COMPACTED SOIL MATERIAL. WHEN USED IN COMBINATION, A SUFFICIENT AMOUNT OF SILT FENCE SHALL BE PLACED SO THAT THE HAY BALE STAKES ARE DRIVEN THROUGH THE FABRIC OF THE FENCE.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT/REPLACE ALL CONTROLS AS NEEDED. MAINTENANCE WILL BE CARRIED OUT IN ACCORDANCE WITH SECTION 212 OF THE RIDOT STANDARD SPECIFICATIONS, LATEST EDITION. THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT NECESSARY MAINTENANCE DURING ALL PHASES OF PROJECT CONSTRUCTION, INCLUDING PERIODS OF WINTER SHUTDOWN.
- PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED AT THOSE AREAS INDICATED ON THE PLANS. CLEARING MAY OCCUR PRIOR TO INSTALLATION OF SUCH CONTROLS, HOWEVER NO GRUBBING, GRADING, FILLING, OR OTHER SOIL DISTURBANCE SHALL OCCUR PRIOR TO INSTALLATION.
- TEMPORARY TREATMENTS SHALL CONSIST OF HAY, STRAW, OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (JUTE, FIBERGLASS NETTING, EXCELOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE PROJECT MANAGER/OWNER'S REPRESENTATIVE.
- TEMPORARY SEEDING SHALL BE APPLIED TO MINIMIZE EROSION. TEMPORARY SEED WILL CONFORM TO RIDOT STANDARD TEMPORARY SEED MIX. ALL HAY BALES, SILT FENCE OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS IS ESTABLISHED.
- THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY SEEDED AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE YEAR AND SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE SPECIFIED IN SUBSECTION L.02.03 OF THE RIDOT STANDARD SPECIFICATIONS, LATEST EDITION.
- ADDITIONAL EROSION CONTROLS, NOT SHOWN ON THESE PLANS, SHALL BE INSTALLED AS CONDITIONS WARRANT, OR AS DIRECTED BY THE PROJECT MANAGER/OWNER'S REPRESENTATIVE. THESE ADDITIONAL ITEMS WILL BE PAID AT A UNIT PRICE PROVIDED TO THE OWNER BY THE CONTRACTOR.

LANDSCAPE PLANTING NOTES:

- ALL PLANT MATERIAL SHALL BE TAGGED AND APPROVED BY THE LANDSCAPE ARCHITECT AT THE NURSERY. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY AND ALL PLANT MATERIAL WHEN DELIVERED TO THE SITE. THE CONTRACTOR SHALL RECEIVE THE LANDSCAPE ARCHITECT'S APPROVAL OF PLANT MATERIAL PRIOR TO INSTALLATION. NO SUBSTITUTIONS OR CHANGES IN PLANT LOCATION ON PLANT MATERIAL WILL BE ALLOWED WITHOUT THE APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT.
- ALL PLANT MATERIAL IS TO BE FIELD LOCATED BY LANDSCAPE ARCHITECT. BEFORE DIGGING, THE CONTRACTOR SHALL STAKE OUT ALL PLANTING BEDS AND FLAG ALL TREES AND EACH INDIVIDUAL SHRUB PRIOR TO UNLOADING PLANTS FROM THE TRUCK.
- A LANDSCAPE REPRESENTATIVE MUST BE ON SITE TO APPROVE ALL TRIMMING AND CLEARING NECESSARY TO COMPLETE THE WORK AS SHOWN ON THE PLANS.
- ANY TOPSOIL USED AS PLANTABLE SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM WITH SECTION M18 OF THE R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION AVAILABLE ONLINE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING ALL TOPSOIL TO MEET THE RIDOT STANDARD SPECIFICATIONS AND PROVIDING TEST RESULTS TO THE LANDSCAPE ARCHITECT PRIOR TO PLACING THE TOPSOIL.
- ALL PLANTING BEDS AND PITS TO RECEIVE APPROVED BARK MULCH TO DEPTHS INDICATED ON PLANTING DETAILS.
- PLANT MIX BACKFILL FOR ALL PLANTING HOLES SHALL BE 1 PART ORGANIC SOIL MATERIAL TO 2 PARTS TOPSOIL/SCREENED LOAM TO BE AS PER SECTION M.18 OF THE RIDOT STANDARD SPECIFICATIONS.
- FERTILIZER FOR PLANT HOLES TO BE ORGANIC SLOW RELEASE FERTILIZER APPLIED AS PER MANUFACTURER'S DIRECTIONS.
- CONTRACTOR MUST REVEGETATE ALL DISTURBED AREAS OUTSIDE THE PROJECT LIMITS WITH 4" LOAM AND SEED MIX. APPLY LOAM TO THICKNESS OF 4 INCHES. HYDROSEED TO BE APPLIED AS PER RIDOT STANDARD SPECIFICATIONS. SEED MIXTURE TO BE PARK MIX AS PER SECTION M.18.10.2 OF THE RIDOT STANDARD SPECIFICATIONS.

TRAFFIC CONTROL:

- TRAFFIC CONTROL SETUPS, SIGNS, CHANNELIZING DEVICES, ETC., SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- SCITUATE POLICE OFFICERS SHALL BE UTILIZED WHEN WORK WILL IMPACT NEARBY ROADWAYS AND INTERSECTIONS. PAYMENT FOR THIS WILL BE INCLUDED IN THE BID PRICE.
- DRUM BARRICADES SHALL BE UTILIZED AS A CHANNELIZING DEVICE WHEN A TRAFFIC CONTROL SET-UP IS TO REMAIN BEYOND WORKING HOURS WHEN NO WORKERS ARE PRESENT. CONES SHALL BE UTILIZED WHEN A TRAFFIC CONTROL SET-UP IS TO REMAIN ONLY DURING WORKING HOURS AND IS SUBSEQUENTLY BROKEN DOWN AT THE END OF THE WORKDAY.
- TEMPORARY CONSTRUCTION SIGNS AND OTHER WORKZONE TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH R.I.D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
- THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS MAY BE PARKED WITHIN THE PROJECT SITE AT AREAS APPROVED BY THE OWNER OR OWNER'S REPRESENTATIVE.

UTILITY NOTES:

- EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE AND UTILITIES BOTH UNDERGROUND AND OVERHEAD BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH THE "DIG SAFE LAW" ENACTED BY R.I. LEGISLATURE BILL NO. 795-291, WHICH BECAME EFFECTIVE JULY 1, 1979 AND BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY APPLICABLE CITY, TOWN, STATE OR FEDERAL AGENCY. THE CONTRACTOR SHOULD UNDERSTAND THAT NOT ALL UTILITIES SUBSCRIBE TO THE DIG SAFE PROGRAM. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES AND ENSURE THAT ALL UTILITIES HAVE BEEN MARKED PRIOR TO COMMENCING THEIR WORK. ANY DAMAGE TO EXISTING UTILITIES MARKED IN THE FIELD, OR AS A RESULT OF FAILING TO CONTACT THE APPROPRIATE UTILITY COMPANY, SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

EROSION CONTROL FABRIC INSTALLATION NOTES:

INSTALLATION SPECIFICATIONS

- PREPARE SOIL BEFORE INSTALLING BLANKETS, 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 THE PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6"(15CM) DEEP X 6"(15CM) WIDE TRENCH WITH APPROXIMATELY 12"(30CM) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET 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 COMPACTED SOIL AND FOLD REMAINING 12"(30CM) PORTION OF BLANKET OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12"(30CM) APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6"(10CM-15CM) OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4"(10CM) APART AND 4"(10") ON CENTER TO SECURE BLANKETS.
- FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12"(30CM) APART IN A 6"(15CM) DEEP X 6"(15CM) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2'-5" (5CM-12.5CM) (DEPENDING ON BLANKET TYPE) AND STAPLED TO ENSURE PROPER SEAM ALIGNMENT. PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE BLANKET BEING OVERLAPPED.
- IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30' TO 40' (9M-12M) INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4"(10CM) APART AND 4"(10CM) ON CENTER OVER ENTIRE WIDTH OF CHANNEL.
- THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12"(30CM) APART IN A 6"(15CM) DEEP X 6"(15CM) WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

NOTES:

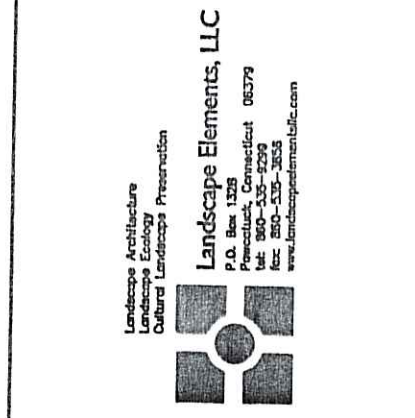
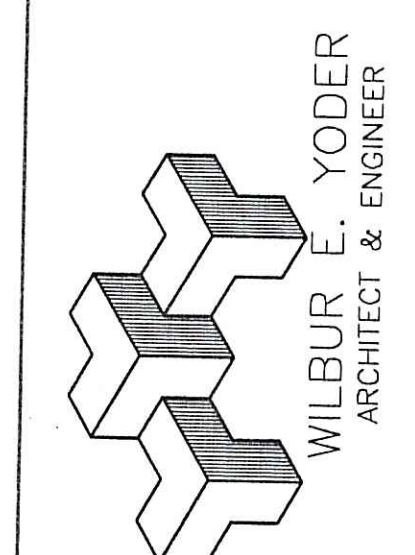
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DO NOT SCALE DRAWINGS.
- CONTRACTORS NOTE: FOR PRODUCT AND PURCHASING INFORMATION VISIT www.CADdetail.com/info REFERENCE NUMBER 100-001B.

NOT IN THIS CONTRACT

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 06 2010 FILE # 08-0123
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE

WILBUR E. YODER
No. 2996
REGISTERED PROFESSIONAL ENGINEER

I, ELENA M. PASCARELLA, R.L.A., A.R.L.A., AM RESPONSIBLE FOR THE PREPARATION OF THE LANDSCAPE COMPONENTS OF THIS PLAN AND/OR DETAILS AS SHOWN ON THIS SPECIFIC PLAN SHEET.



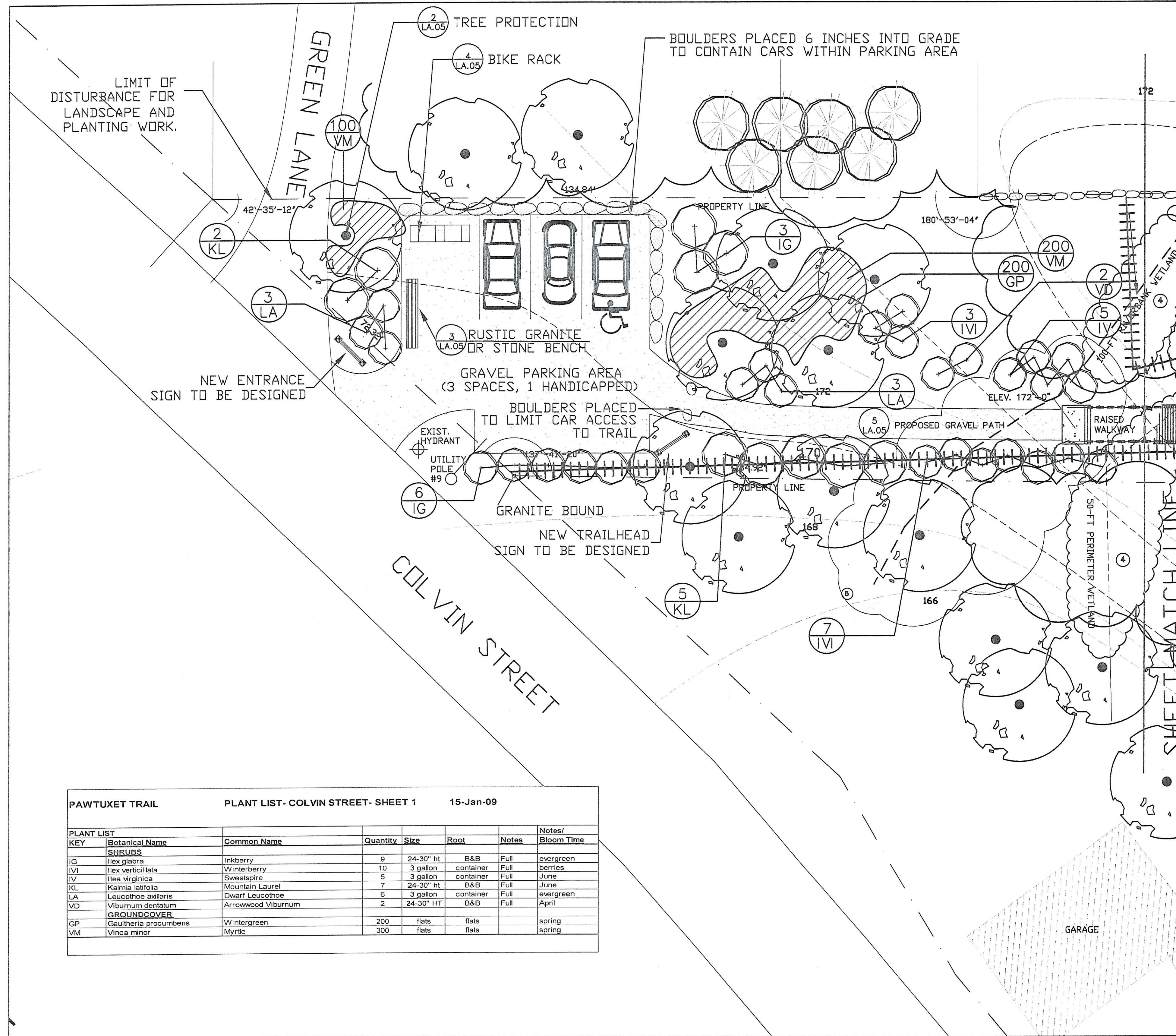
REVISIONS
**09-20-07-FINAL DESIGN
**02-26-09- ADDITIONS FOR WETLAND REVIEW
**01-15-09- ADDITIONS FOR WETLAND COMMENTS
05-22-09- ADDITIONS FOR WETLAND COMMENTS

HOPE VILLAGE PARK - COLVIN STREET
HOPE ASSOCIATES
HOPE, RHODE ISLAND

DATE: 02/19/07**
DRAWN BY: JS/MB/LKA
CHECKED BY: EMP
SCALE: AS NOTED
SHEET: SPECIFICATIONS AND NOTES

SHEET 4 OF 7 SHEETS (4)

LA - 01



LEGEND:

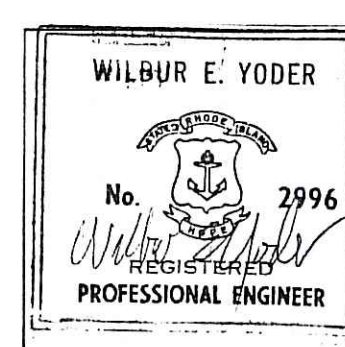
- EXISTING DECIDUOUS TREE
- EXISTING EVERGREEN TREE
- LINE OF EXISTING WOODS/SHRUB
- FLAGGED WETLAND EDGE
- 100-FT RIVERBANK WETLAND
- PROPOSED SHRUB
- PROPOSED BOULDER
- PROPOSED SIGNAGE
- PROJECT LIMIT OF WORK
- SEDIMENT/EROSION CONTROL
- EXISTING 6'-WIDE PATH ON RAILBED

SITE PLAN NOTES

1. ANY SOIL REMOVAL IN THE WETLAND SHALL BE STOCKPILED AND/OR LOCATED OUTSIDE THE WETLAND AND OUTSIDE THE 50-FOOT BUFFER ZONE.
2. NO TOPPING OF TREES IS ALLOWED IN THE AREA OF THE WALKWAY OVER THE WETLAND. SELECTIVE REMOVAL OF BRUSHWALK OR SHRUBS MAY OCCUR DURING INSTALLATION OF BOARDWALK AND HELICAL PILES.
3. THERE ARE NO PROPOSED GRADE CHANGES FOR THIS WORK.
4. SITE PLAN INFORMATION OBTAINED FROM A SURVEY PREPARED BY BENJAMIN T. ADDY, PLS, TITLED "CLASS 3 STANDARD SURVEY" DATED SEPTEMBER 14, 2000, AND COMMISSIONED BY HOPE ASSOCIATES, INC.
5. INSTALL EROSION CONTROL FABRIC OVER ALL PLANTING AREAS ON SLOPES OVER 8% PRIOR TO INSTALLATION OF PLANTS AND MULCH.
6. REFER TO SHEET LA.04 FOR PLANTING DETAILS.
7. REFER TO SHEET LA - 01 FOR ALL NOTES RELEVANT TO LANDSCAPE SITE WORK, SITE PREPARATION, SEDIMENT AND EROSION CONTROL, UTILITIES AND TRAFFIC CONTROL.
8. THE PROPOSED BOARDWALK IS TO BE FIELD LOCATED TO ENSURE PRESERVATION OF EXISTING VEGETATION.

PAWTUXET TRAIL PLANT LIST - COLVIN STREET- SHEET 1 15-Jan-09

KEY	Botanical Name	Common Name	Quantity	Size	Root	Notes	Notes/ Bloom Time
SHRUBS							
IG	Ilex glabra	Inkberry	9	24-30" ht	B&B	Full	evergreen
IV	Ilex verticillata	Winterberry	10	3 gallon container	Full	berries	
IV	Itea virginica	Sweetspire	5	3 gallon container	Full	June	
KL	Kalmia latifolia	Mountain Laurel	7	24-30" ht	B&B	Full	June
LA	Leucothoe axillaris	Dwarf Leucothoe	6	3 gallon container	Full	evergreen	
VD	Viburnum dentatum	Arrowwood Viburnum	2	24-30" HT	B&B	Full	April
GROUNDCOVER							
GP	Gaultheria procumbens	Wintergreen	200	flats	flats		spring
VM	Vinca minor	Myrtle	300	flats	flats		spring



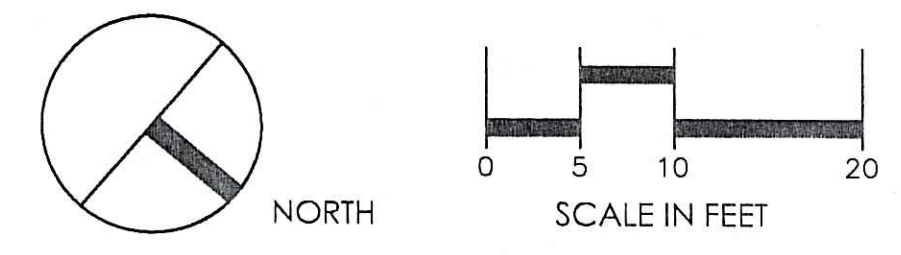
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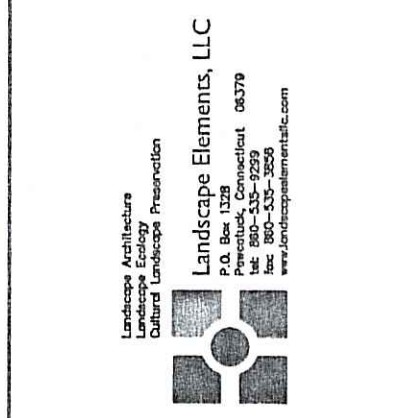
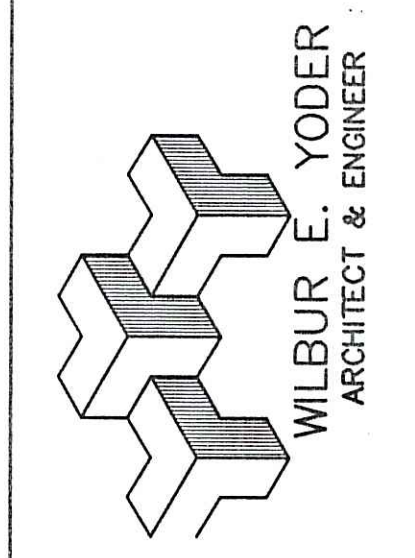
ELENA M. PASCARELLA, R.L.A., AS L.A. AM RESPONSIBLE FOR THE PREPARATION OF THE LANDSCAPE COMPONENTS OF THIS PLAN AND/OR DETAILS AS SHOWN ON THIS SPECIFIC PLAN SHEET.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 06 2010 FILE # 08-0123
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hester



1 LANDSCAPE PLAN - COLVIN STREET PATH - PART 1
LA.02 SCALE: 1"=10'



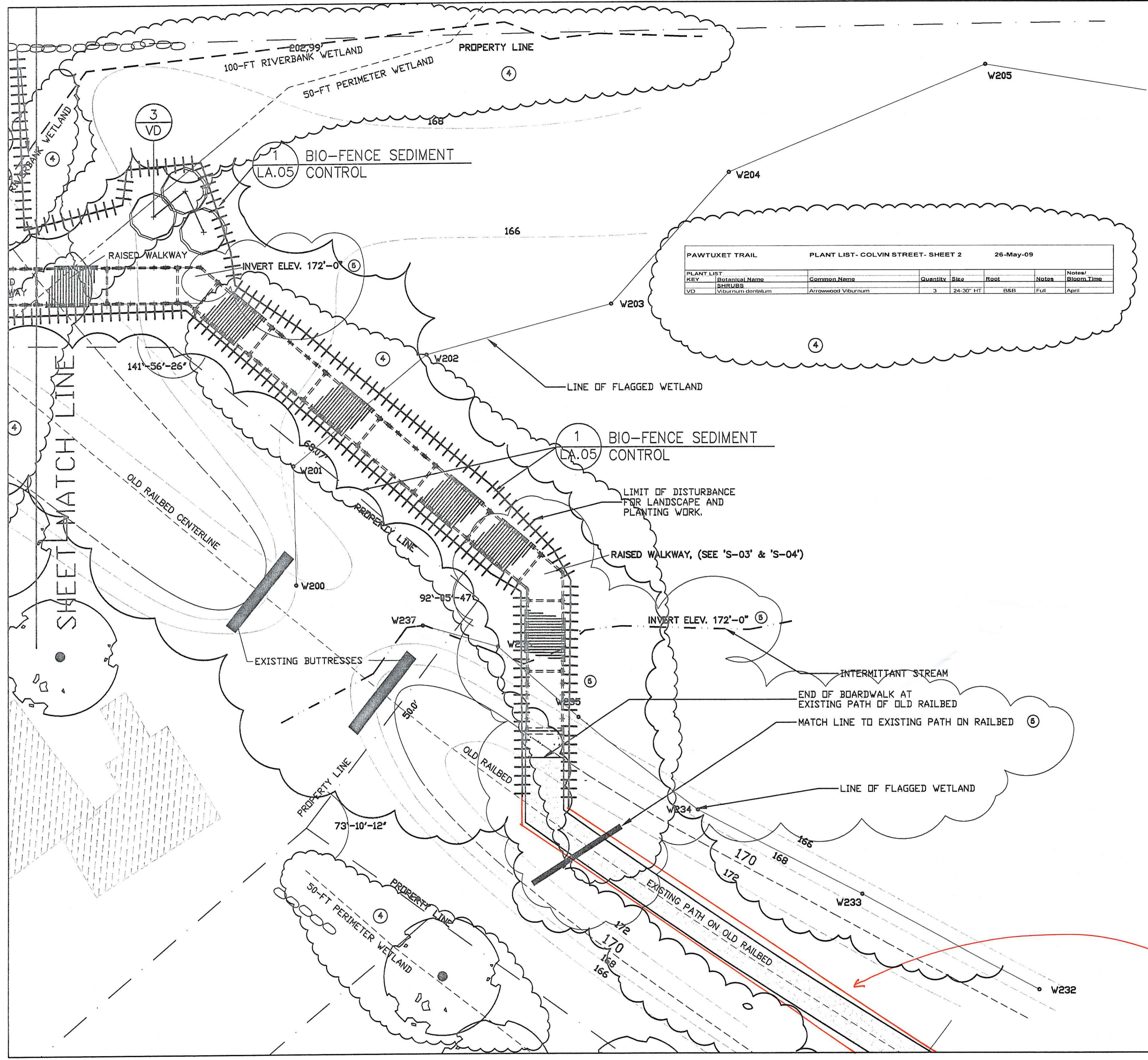
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HOPE VILLAGE PARK - COLVIN STREET
 HOPE ASSOCIATES
 HOPE, RHODE ISLAND
 12-08-09-ADDITIONS FOR WETLAND COMMENTS

DATE: 02/19/07**
 DRAWN BY: JS/MB/LKA
 CHECKED BY: EMP
 SCALE: AS NOTED
 DRAWN FOR: LANDSCAPE MITIGATION PLAN - SECTION 1

SHEET 5 OF 7 SHEETS

LA - 02

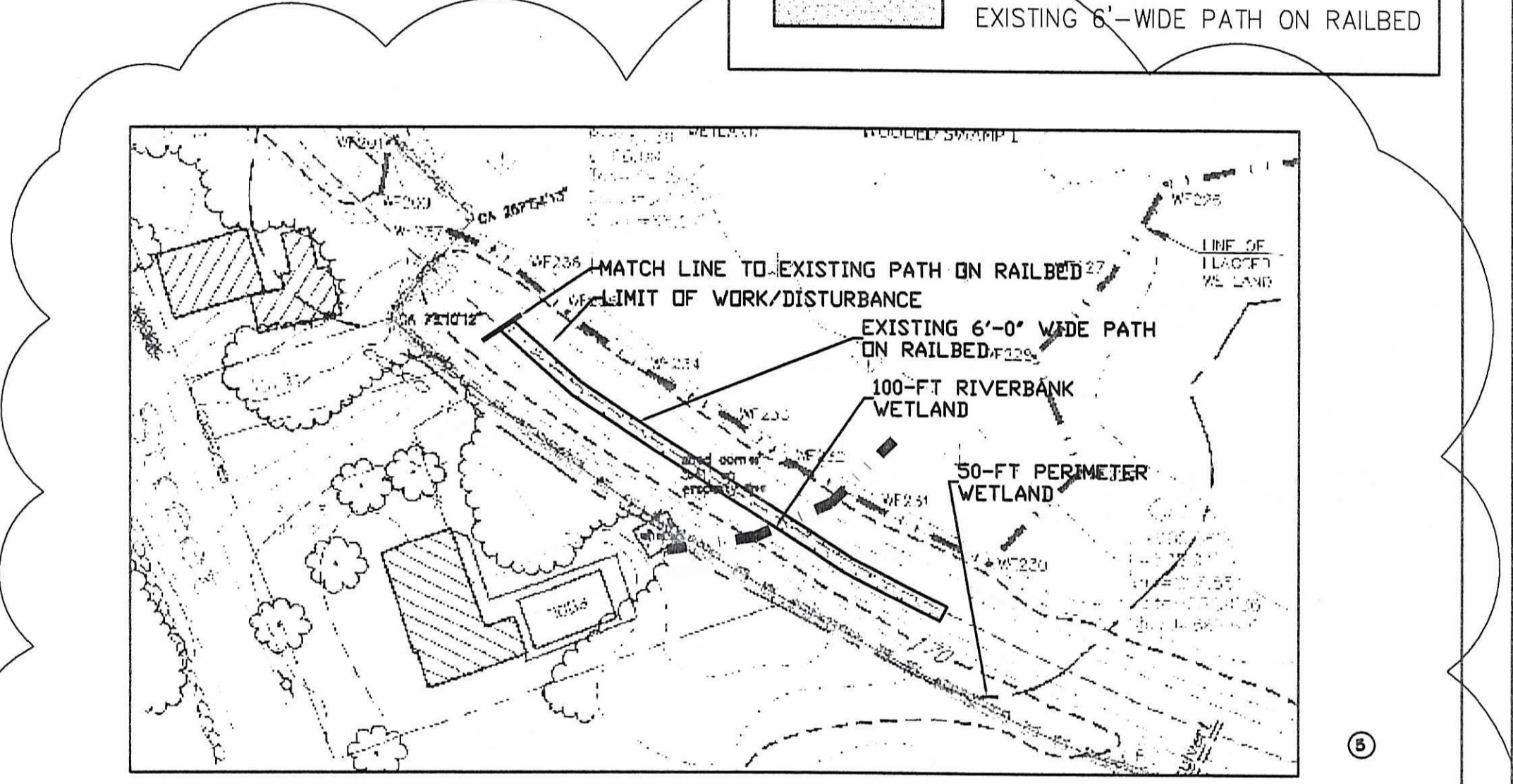
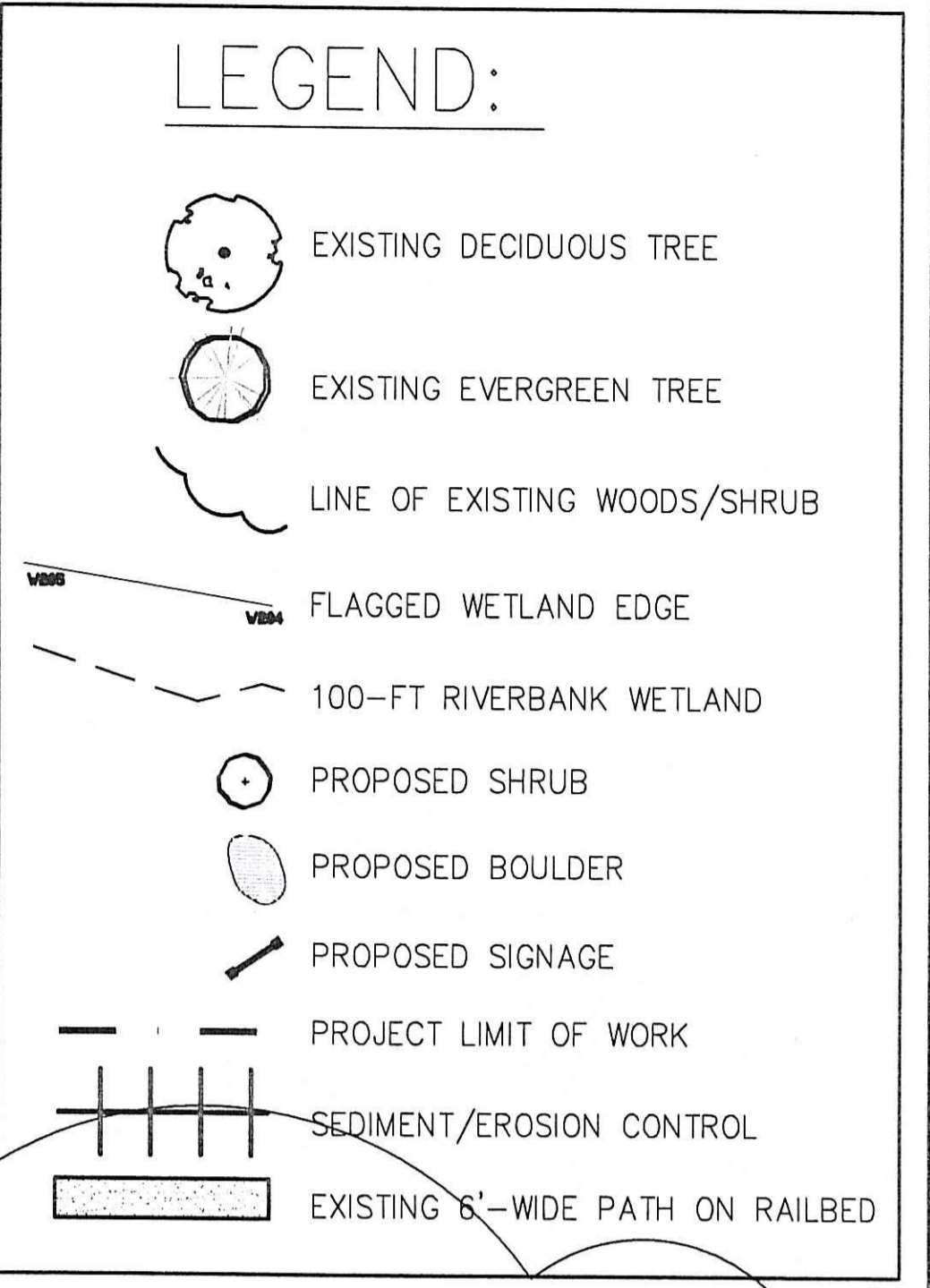


PAWTUCKET TRAIL PLANT LIST - COLVIN STREET - SHEET 2 26-May-09

PLANT LIST KEY	Botanical Name	Common Name	Quantity	Size	Root	Notes	Bloom Time
V03	<i>Viburnum dentatum</i>	Arrowwood Viburnum	3	24-30" HT	BAR	Full	April

SITE PLAN NOTES

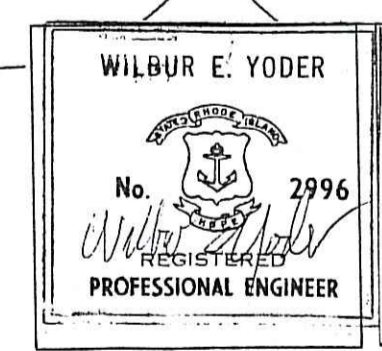
1. ANY SOIL REMOVAL IN THE WETLAND SHALL BE STOCKPILED AND/OR LOCATED OUTSIDE THE WETLAND AND OUTSIDE THE 50-FOOT BUFFER ZONE.
2. NO TOPPING OF TREES IS ALLOWED IN THE AREA OF THE WALKWAY OVER THE WETLAND. SELECTIVE REMOVAL OF BRUSH AND OR SHRUBS MAY OCCUR DURING INSTALLATION OF BOARDWALK AND HELICAL PILES.
3. THERE ARE NO PROPOSED GRADE CHANGES FOR THIS WORK.
4. SITE PLAN INFORMATION OBTAINED FROM A SURVEY PREPARED BY BENJAMIN T. ADDY, PLS, TITLED "CLASS 3 STANDARD SURVEY" DATED SEPTEMBER 14, 2000, AND COMMISSIONED BY HOPE ASSOCIATES, INC.
5. INSTALL EROSION CONTROL FABRIC OVER ALL PLANTING AREAS ON SLOPES OVER 8% PRIOR TO INSTALLATION OF PLANTS AND MULCH.
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2 PATH CONNECTION ON EXIST. RAILBED
LA.03 SCALE: 1"=50'

1 LANDSCAPE PLAN - COLVIN STREET PATH - PART 2
LA.03 SCALE: 1"=10'

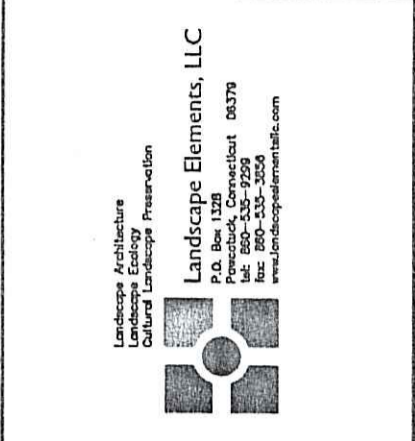
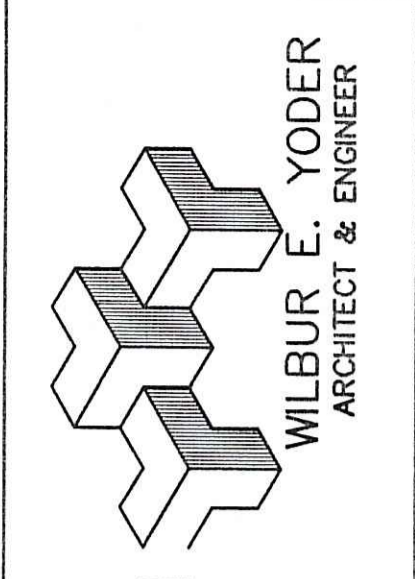
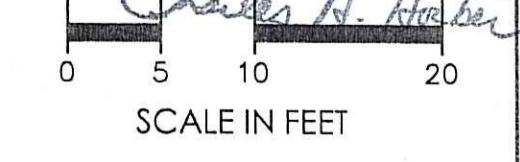
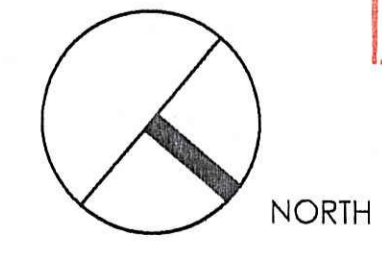
Limit of Disturbance
per RIDEM



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ELENA M. PASCARELLA, R.L.A. IS A RESPONSIBLE FOR THE PREPARATION OF THE LANDSCAPE COMPONENTS OF THIS PLAN AND/OR DETAILS AS SHOWN ON THIS SPECIFIC PLAN SHEET.

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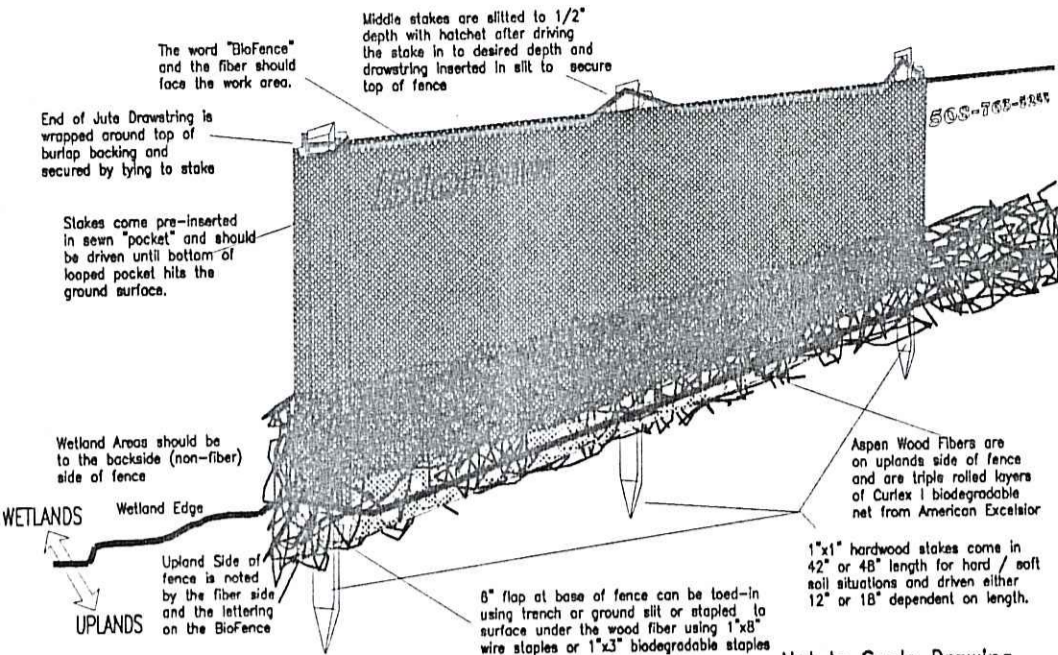
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SHEET 6 OF 7 SHEETS

LA - 03

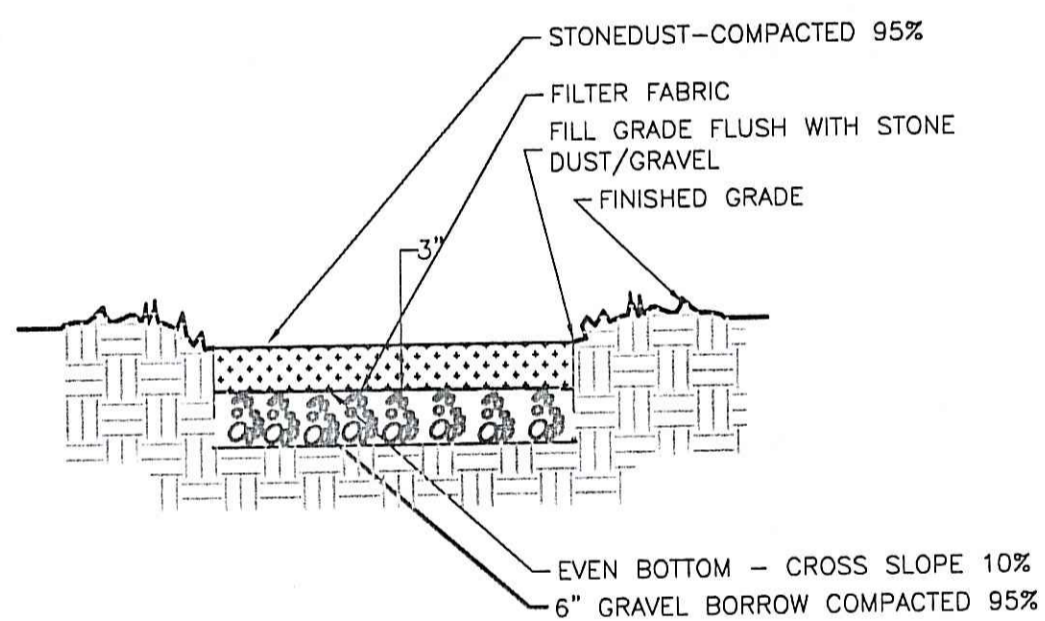
BioFence SPECS & TYPICAL INSTALLATION



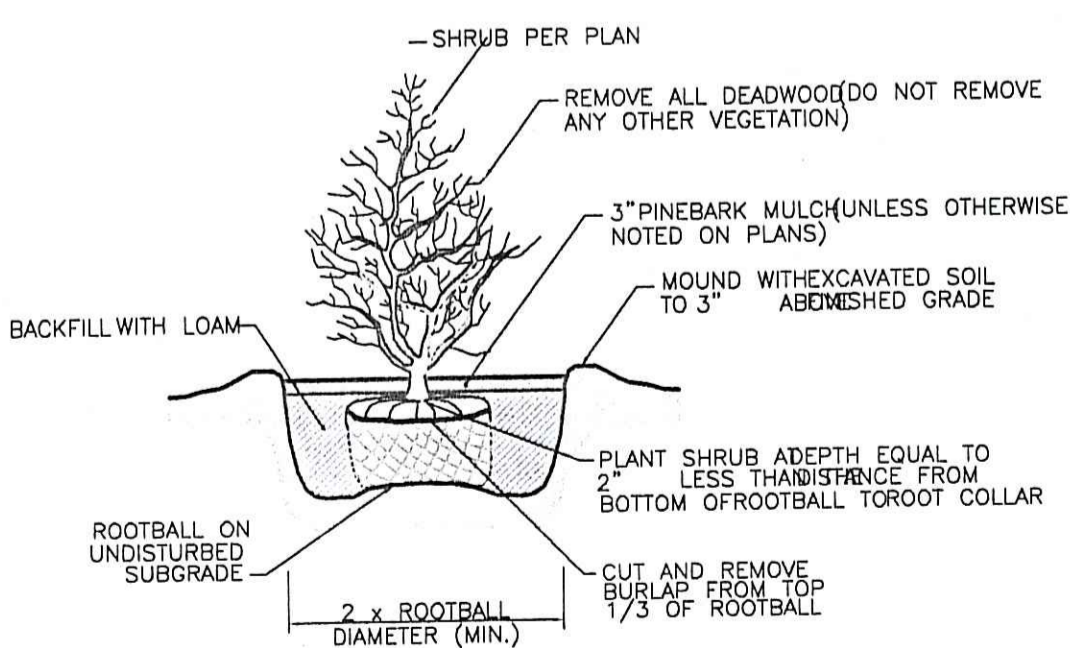
- BioFence is shipped in 50 foot rolls with either 42" or 48" stakes
- Unroll BioFence with point of stakes facing uplands
- Drive stakes in until bottom of burlap loop meets ground insuring that material between stakes is stretched as tight as possible, and ensure burlap seam is spaced evenly on the stake. Stake should be driven 18" min for 48" stake, 12" for 42".
- Tighten drawstring after all stakes driven, securing top of burlap seam to top of stake by inserting drawstring into a hatched created slit in top of stake, and/or, sloping top of burlap to top of stakes over the drawstring creating a "no sag" appearance. From behind the fence, kick bottom of fence forward so that the flap on base is facing the uplands and can be secured.
- Secure bottom of BioFence by inserting the 5 inch flap at bottom of fence into a created trench - secure via erosion blanket staples in rough terrain as conditions merit. Let wood fibers settle down over flap.
- Adjacent second roll of BioFence uses ends of drawstrings to tie abutting and stakes together.
- Fence is allowed to biodegrade in place. Some maintenance of drawstring may be required after storm events. After work period, burlap may be allowed to settle to base of stakes to accelerate the biodegrading period.

ALL RIGHTS RESERVED - ENVIRONMENTAL RESEARCH CORPS
ORDER NUMBER - 1-800-7WETLAND (800-793-8526)

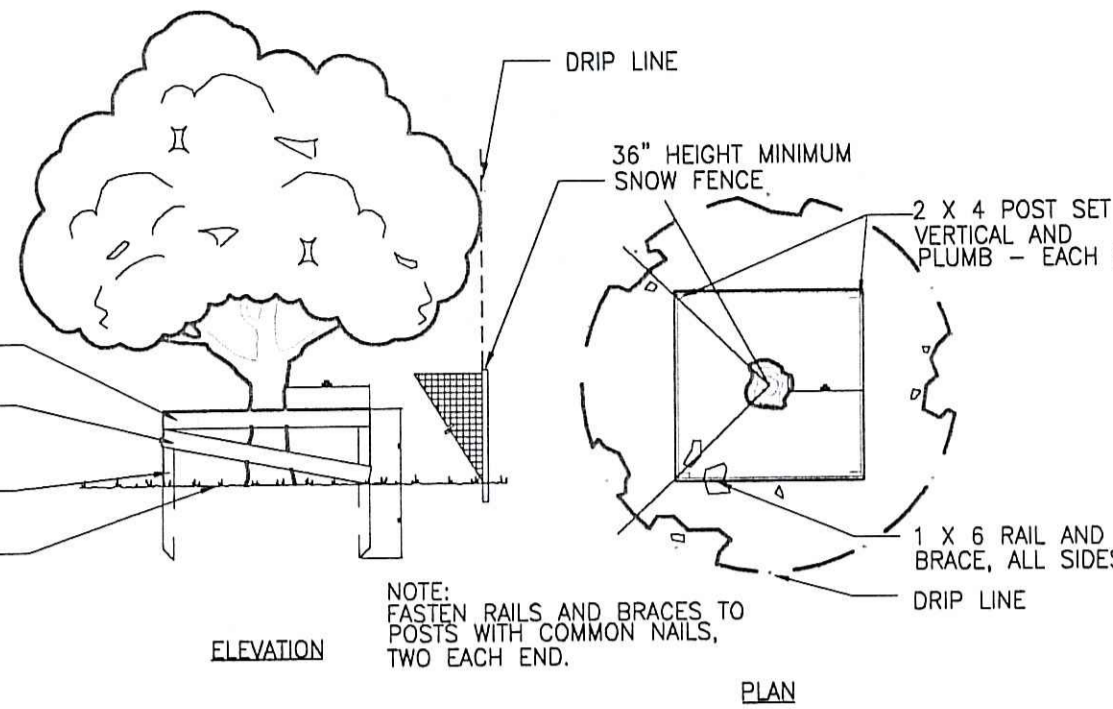
1 BIO-FENCE SEDIMENTATION CONTROL
SCALE: NOT TO SCALE



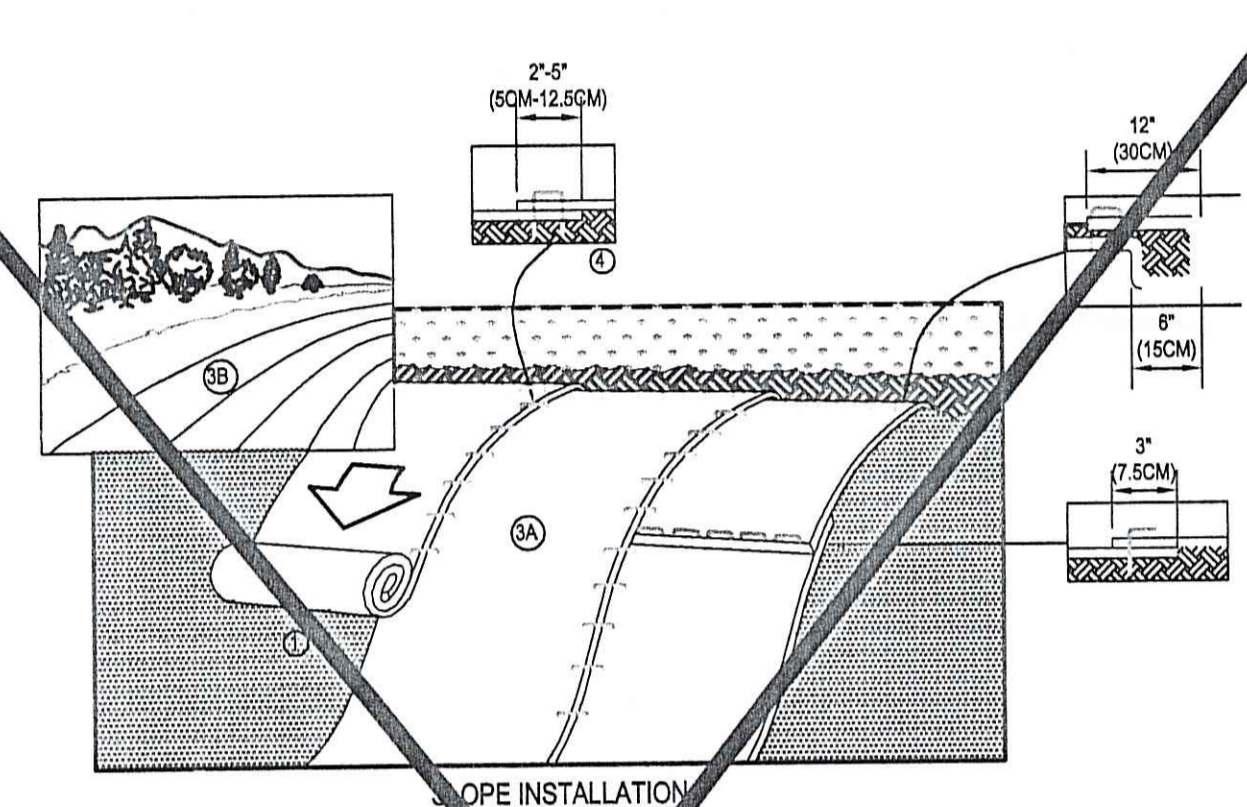
5 STONEDUST/GRAVEL PATH AND PARKING SURFACE
SCALE: NOT TO SCALE



9 SHRUB PLANTING DETAIL - BALL & BURLAP - RIDOT STD. DETAIL # 50.3.0
SCALE: NOT TO SCALE

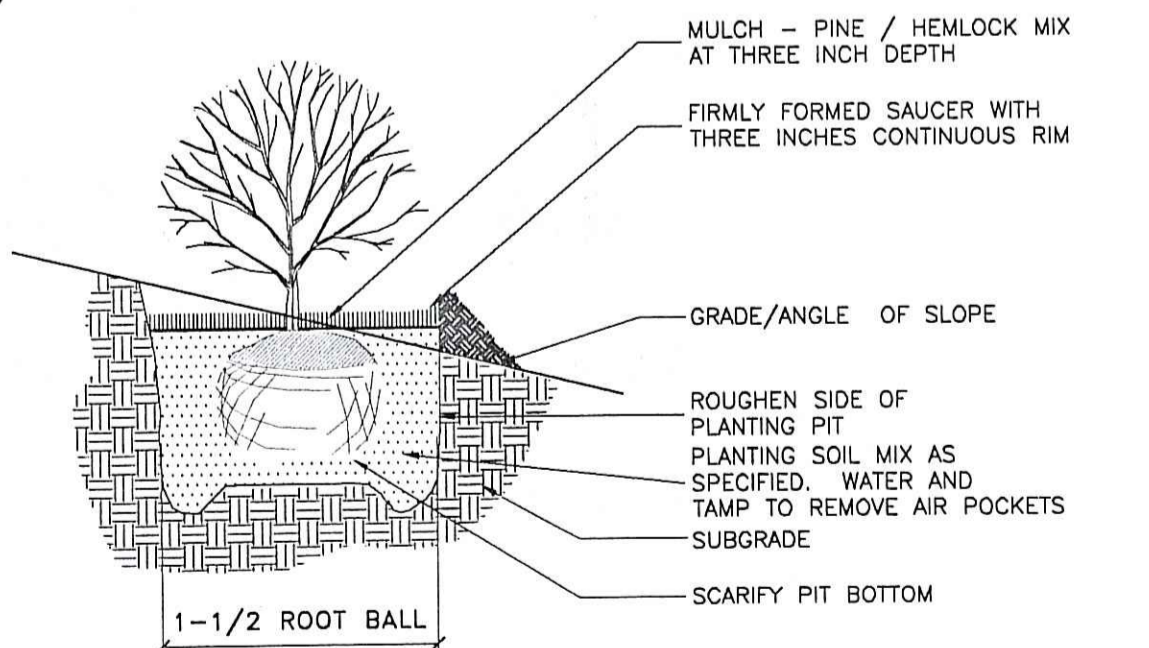


2 TREE PROTECTION
SCALE: NOT TO SCALE

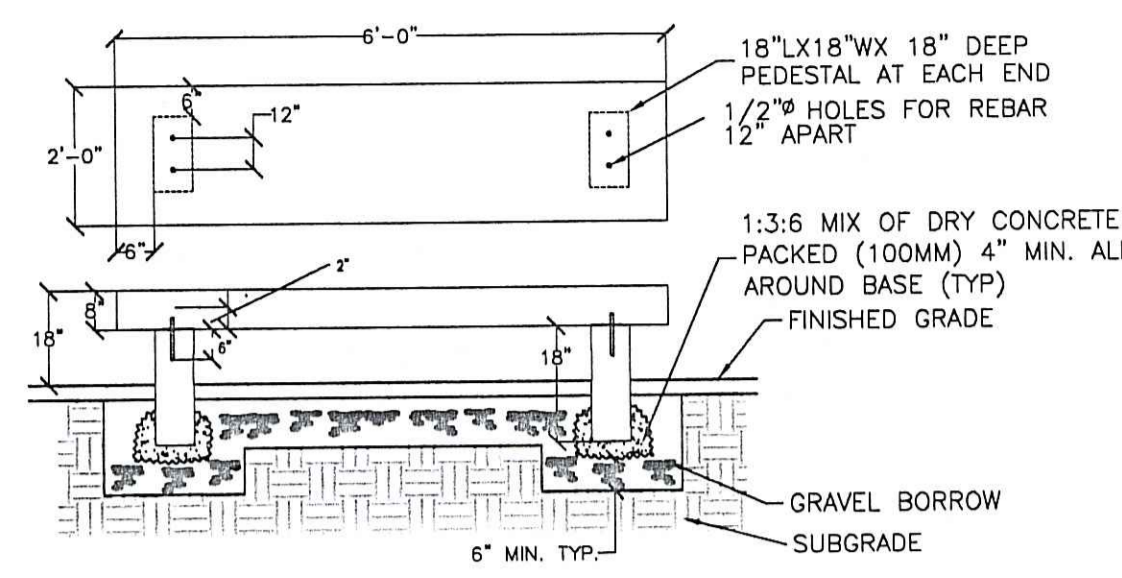


- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREAS. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15CM) DEEP X 6" (15CM) WIDE TRENCH WITH APPROXIMATELY 12" (30CM) OF BLANKET EXTENDING BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET 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 COMPACTED SOIL AND FOLD REMAINING 12" (30CM) PORTION OF BLANKET BACK OVER SEED AND COMPACT SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30CM) APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAPLES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAPLES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" (5CM) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGES OF THE OVERLAPPING BLANKET BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
- CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 2" (5CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30CM) APART ACROSS ENTIRE BLANKET WIDTH.

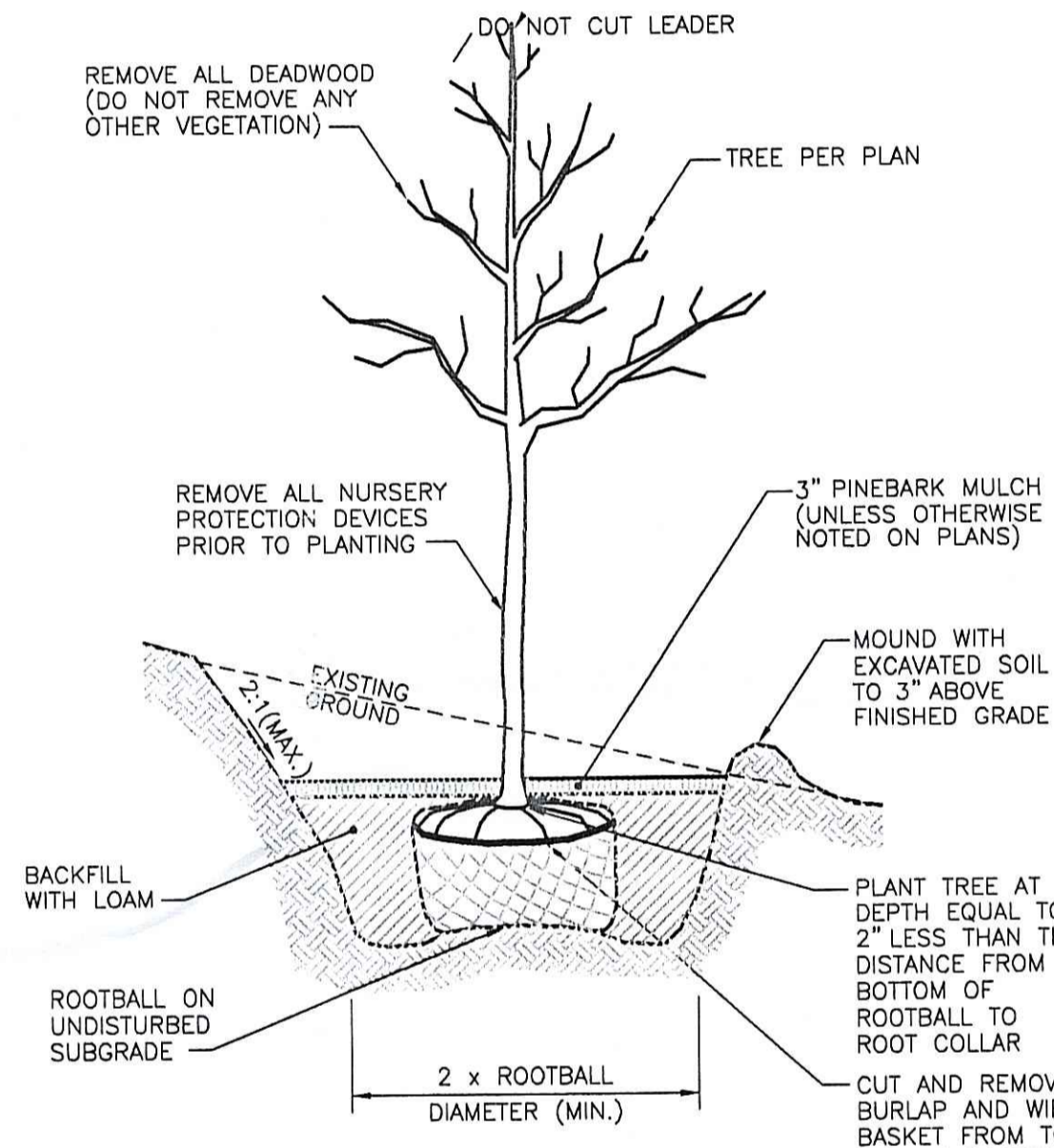
6 EROSION CONTROL FABRIC FOR SLOPES OVER 8%
SCALE: NOT TO SCALE



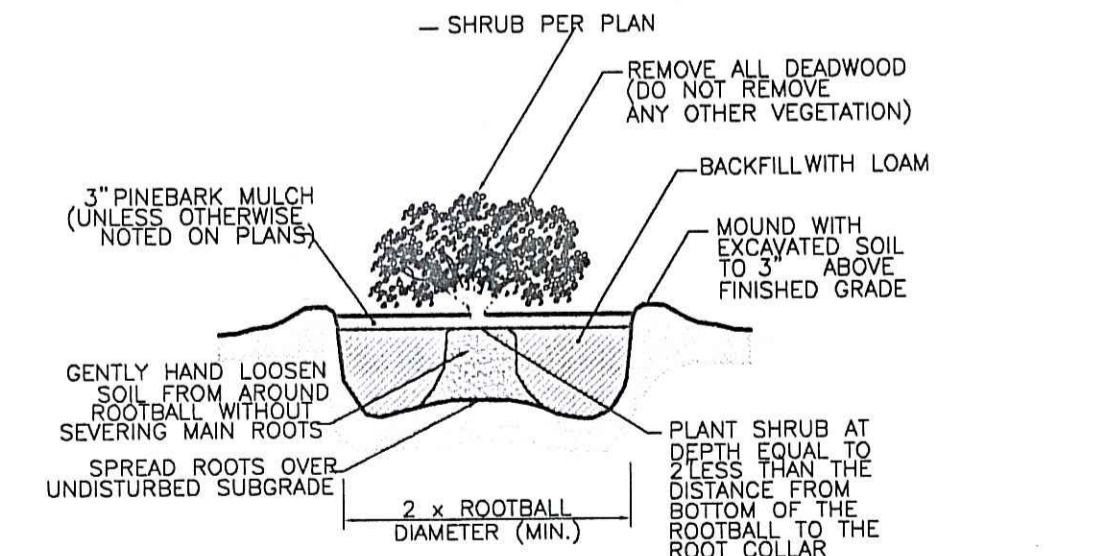
10 SHRUB PLANTING ON SLOPE
SCALE: NOT TO SCALE



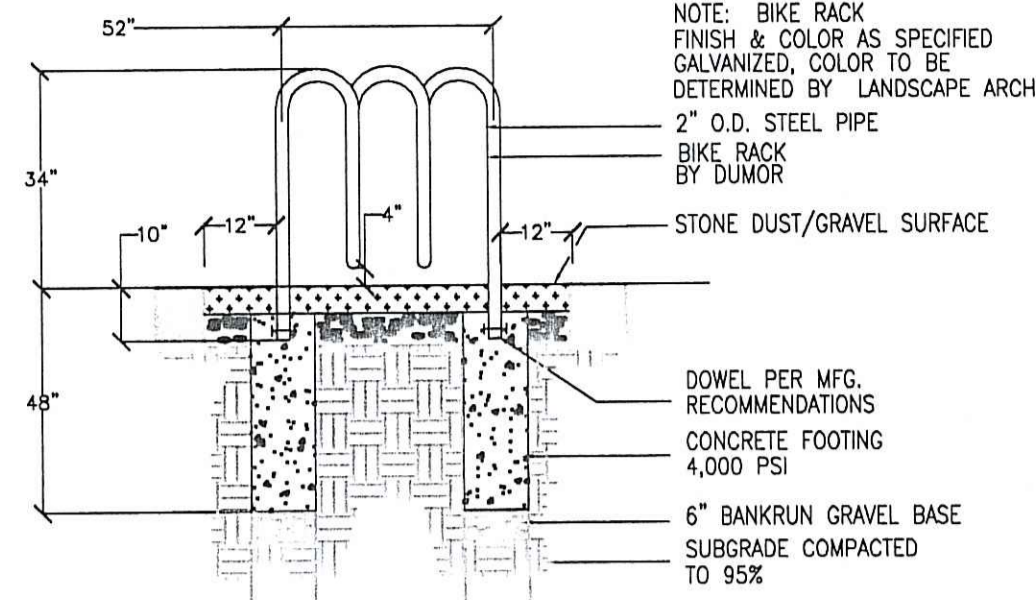
3 GRANITE/STONE BENCH
SCALE: NOT TO SCALE



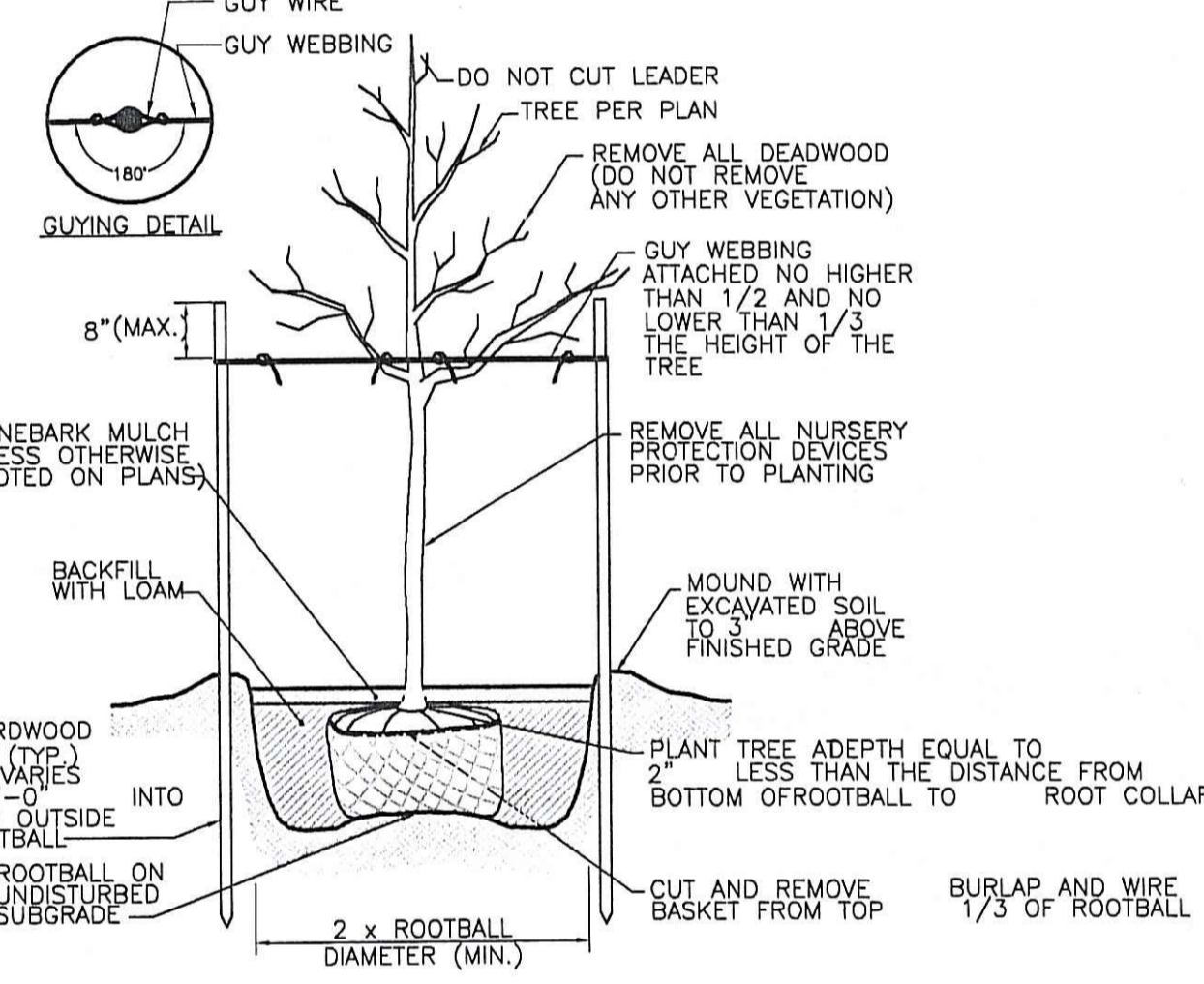
7 LARGE TREE PLANTED ON SLOPE
SCALE: NOT TO SCALE



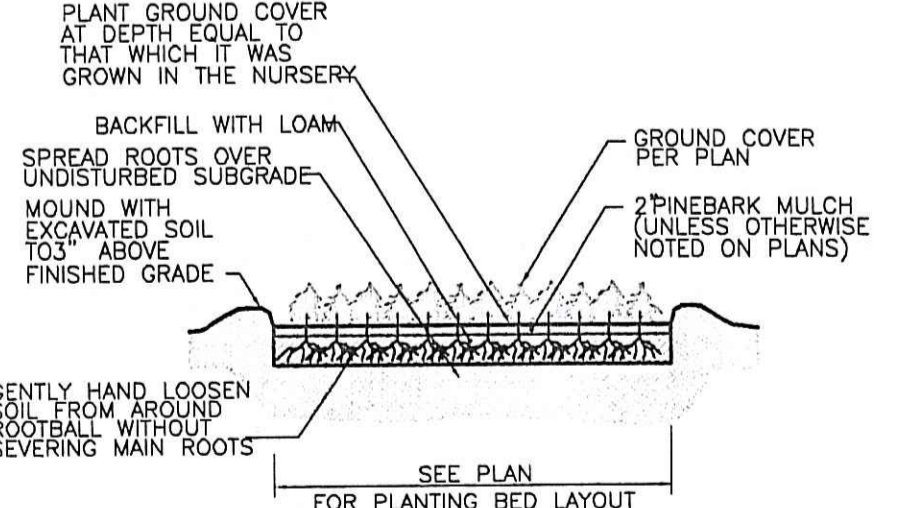
11 SHRUB PLANTING DETAIL - CONTAINER GROWN - RIDOT STD. DETAIL # 50.3.1
SCALE: NOT TO SCALE



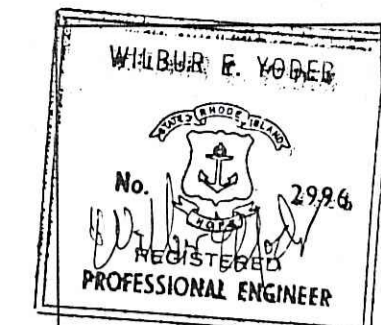
4 BIKE RACK
SCALE: NOT TO SCALE



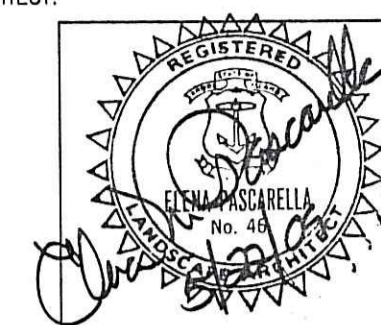
8 LARGE TREE STAKING & PLANTING DETAIL (2" CALIPER AND GREATER) - RIDOT STD. DETAIL # 50.1.0
SCALE: NOT TO SCALE



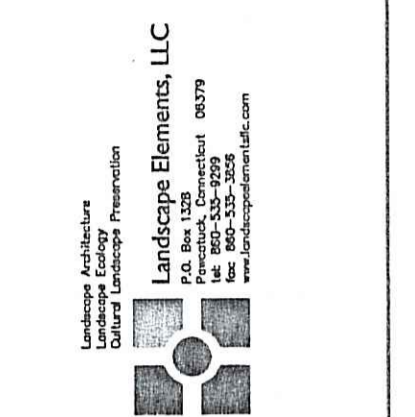
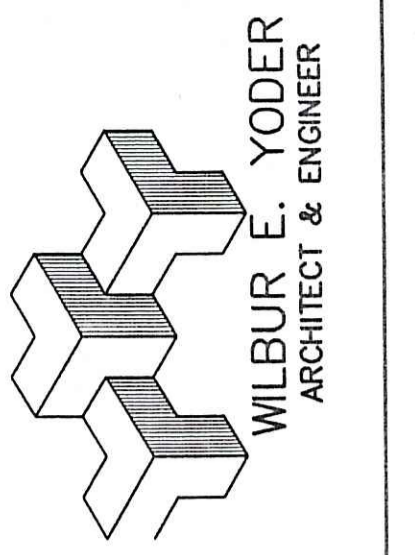
12 GROUND COVER PLANTING DETAIL - RIDOT STD. DETAIL # 50.4.0
SCALE: NOT TO SCALE



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 DRAWN BY: JS/MB/LKA
 CHECKED BY: EIMP
 SCALE: AS NOTED
 DWG TO: LANDSCAPE DETAILS AND SPECIFICATIONS

SHEET 7 OF 7 SHEETS

LA - 04