

# Site Plans

Issued for: RIDEM Permit

Date Issued: May 1, 2014

Latest Issue: May 1, 2014

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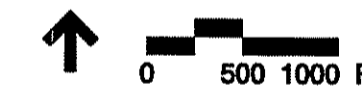
# Station Nightclub Fire Memorial Park

211 Cowesett Avenue

West Warwick, Rhode Island



Site Location Map



## Property Owners

Owner / Applicant:

**The Station Fire Memorial Foundation**

Gina Russo

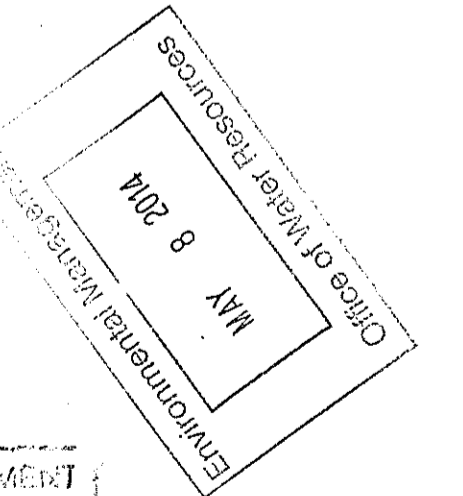
20 Hall Street

East Greenwich, RI 02818

City of Warwick Assessor's Plat 29, Lot 25

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED JUN 30 2014 FILE # 14-0096  
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*Charles A. Herbert*



VHB Project No. 72548.00  
R/C Parking Lots  
Issued for: Permit

A.P. 29 LO  
WARNE  
d.b. 807 pc

d.b. 1026 page 296.

382.84 (deed)  
pavement

**MATERIALS**

- STONE PAVEMENT SET ON CONCRETE
- CONCRETE PAVERS SAND SET
- STONE PAVEMENTS SAND SET
- MONOLITHIC CONCRETE SLAB PAVING
- STONE WALL MORTARED
- SURFACE RUNOFF FILTRATION TRENCH
- PROP WELL
- PROPOSED WELL

**LEGEND**

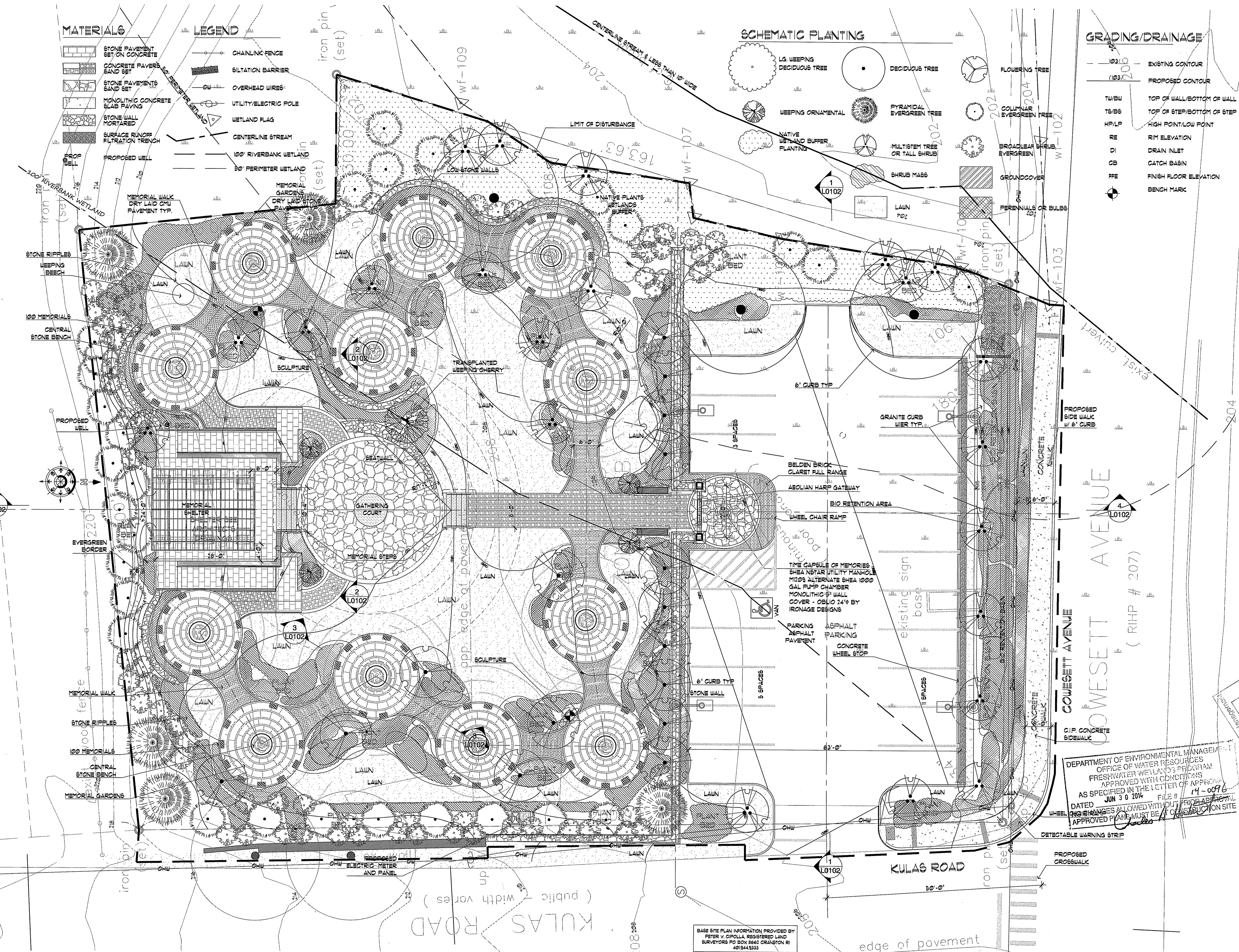
- CHAINLINK FENCE
- SILTATION BARRIER
- OVERHEAD WIRES
- UTILITY/ELECTRIC POLE
- WETLAND FLAG
- CENTERLINE STREAM
- 100' RIVERBANK WETLAND
- 50' PERIMETER WETLAND

**SCHEMATIC PLANTING**

- LG. WEeping DECIDUOUS TREE
- DECIDUOUS TREE
- FLOWERING TREE
- WEeping ORNAMENTAL
- PYRAMIDAL EVERGREEN TREE
- COLUMNAR EVERGREEN TREE
- NATIVE WETLAND BUFFER PLANTING
- MULTISTEM TREE OR TALL SHRUB
- BROADLEAF SHRUB EVERGREEN
- SHRUB MASS
- GROUND COVER
- LAWN
- PERENNIALS OR BULBS

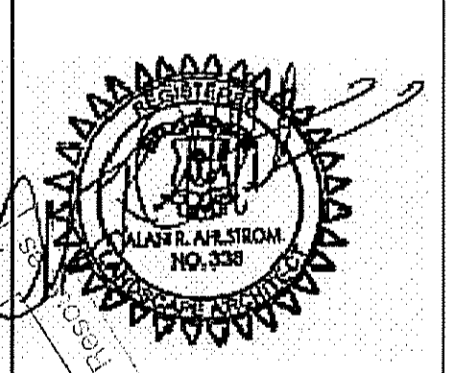
**GRADING/DRAINAGE**

- EXISTING CONTOUR
- PROPOSED CONTOUR
- TOP OF WALL/BOTTOM OF WALL
- TOP OF STEP/BOTTOM OF STEP
- HIGH POINT/LOW POINT
- RIM ELEVATION
- DRAIN INLET
- CATCH BASIN
- FINISH FLOOR ELEVATION
- BENCH MARK



1789 Old Lanthier Rd  
Lincoln, RI 02883  
LANDSCAPE ARCHITECTURE & SITE PLANNING  
PHONE: 401.752.5252  
FAX: 401.752.5253  
WWW.WARRENWOOD.COM

**STATION NIGHTCLUB FIRE MEMORIAL PARK**  
211 COWESETT AVENUE, WEST WARWICK, RI  
A.P. 29 LOT 25  
PREPARED FOR:  
THE STATION FIRE MEMORIAL FOUNDATION



REVISIONS:

DATE: 05.01.2014

DRAWN BY: AA CHECKED BY: AA

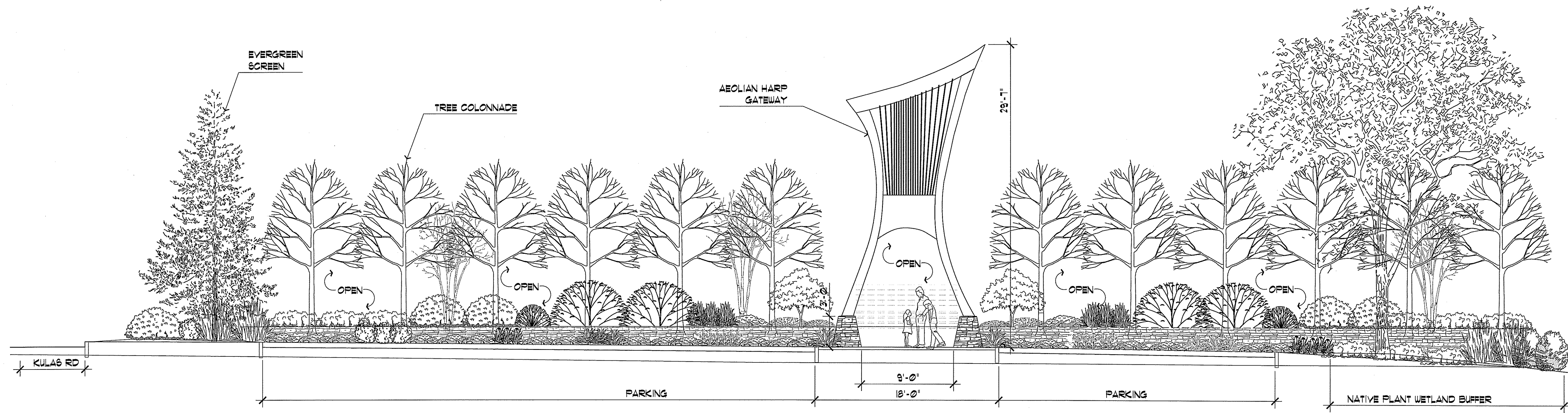
SCALE: 1" = 10'-0"

MASTER PLAN

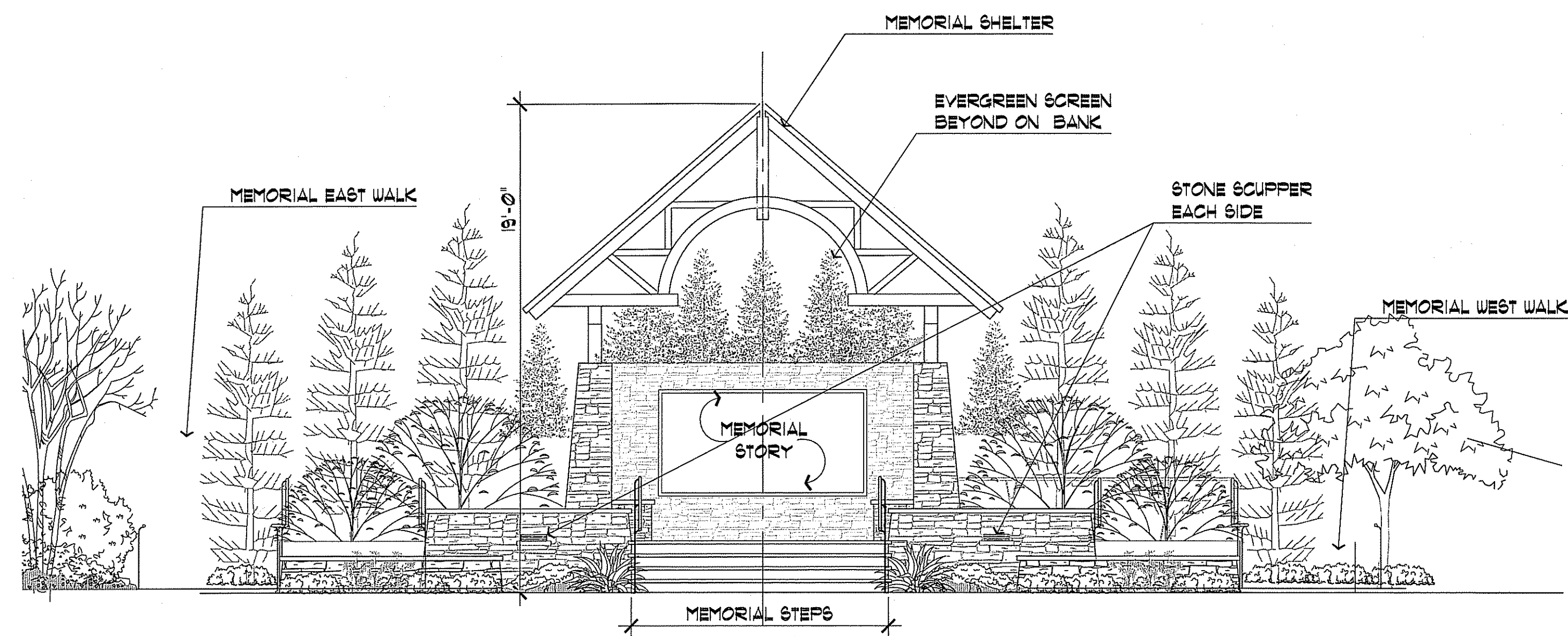
SHEET: LO101

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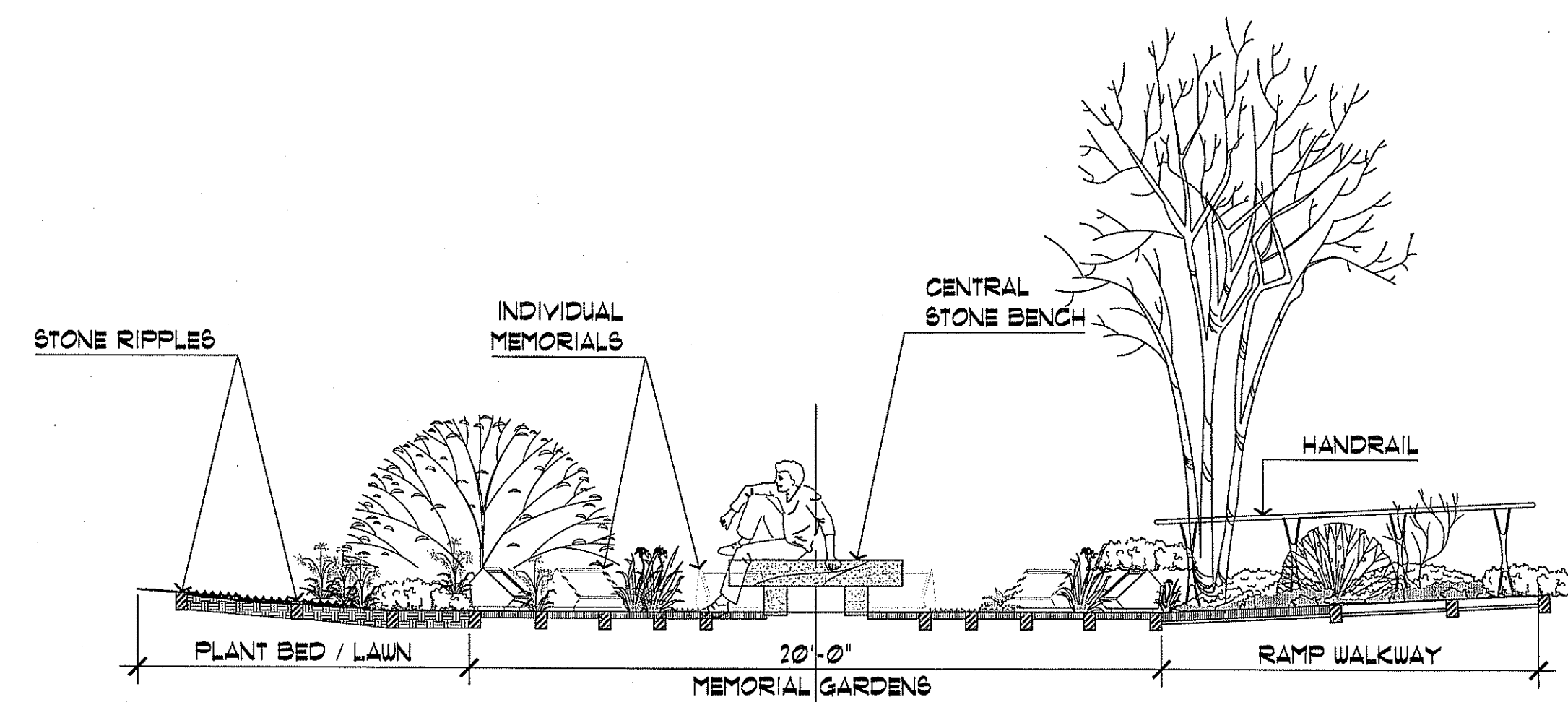
BASE SITE PLAN INFORMATION PROVIDED BY  
PETER V. CIPOLLA, REGISTERED LAND SURVEYOR  
PO BOX 8662 CRANSTON RI 02914-3333



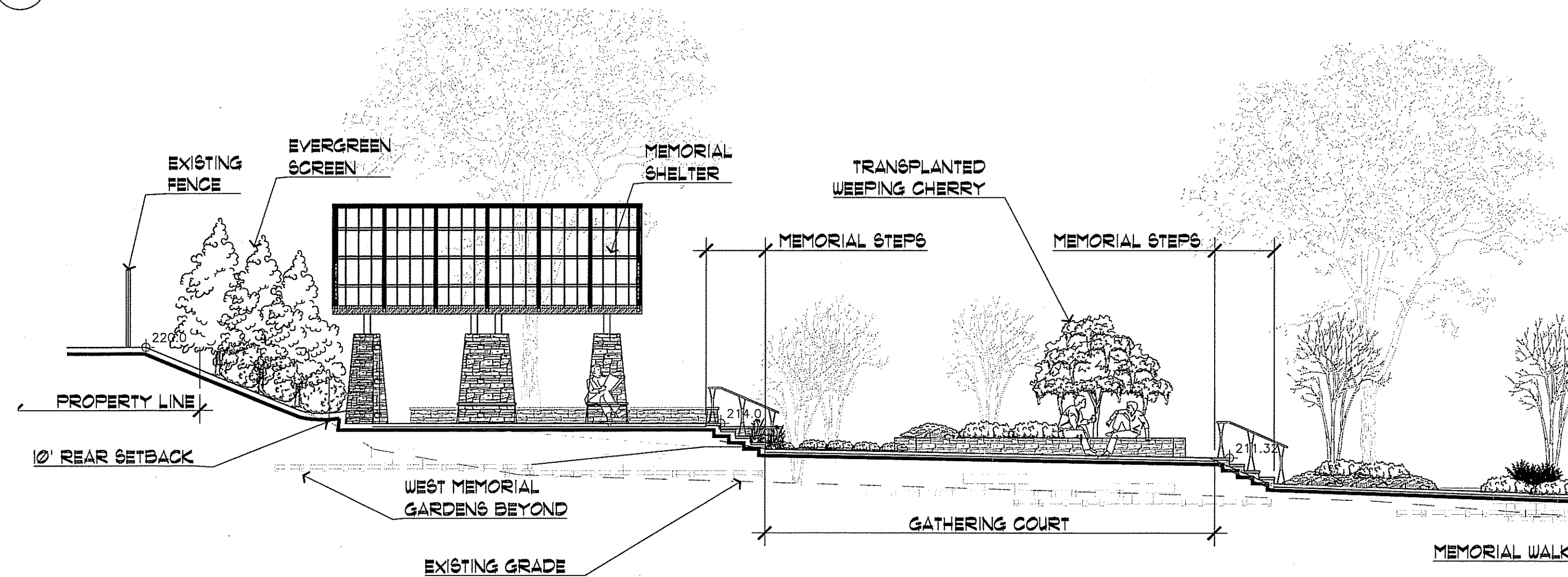
1 GATE ELEVATION  
3/16" = 1'-0"



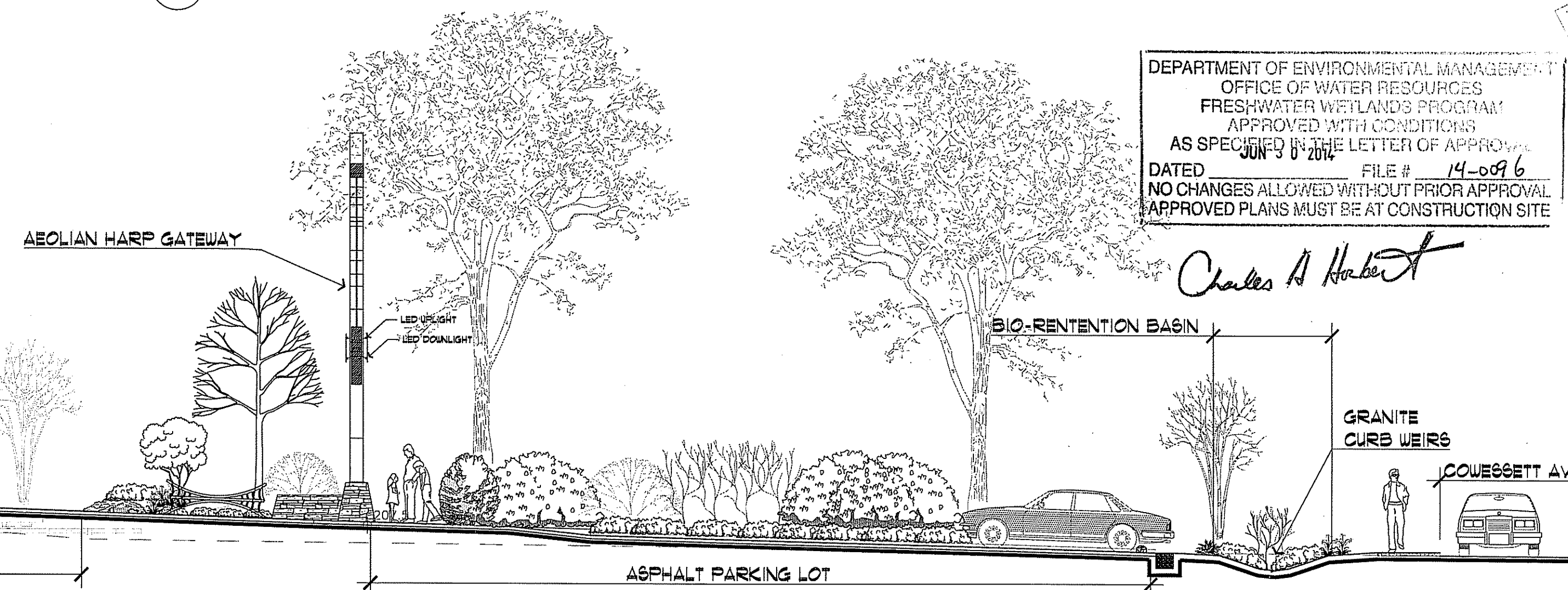
2 SHELTER  
1/4" = 1'-0"



3 MEMORIAL GARDEN SECTION  
1/4" = 1'-0"



4 SECTION WEST  
1/8" = 1'-0"



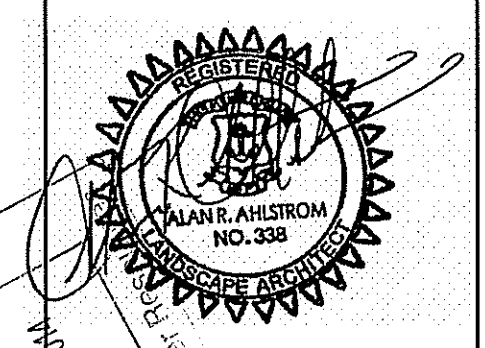
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*Charles A. Haber*

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**HAVENWOOD LLC**  
LANDSCAPE  
ARCHITECTURE  
& SITE  
PLANNING

**STATION NIGHTCLUB FIRE  
MEMORIAL PARK**  
211 COWESSETT AVENUE, WEST WARWICK, RI  
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REVISIONS:	
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SCALE:	AS NOTED
SCHEMATIC SECTIONS ELEVATIONS	
SHEET:	L0102

**General**

- CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 4 INCHES LOAM AND SEED.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.

**LEGEND**

- CHAINLINK FENCE
- SILTATION BARRIER
- OVERHEAD WIRES
- UTILITY/ELECTRIC POLE
- WETLAND FLAG
- CENTERLINE STREAM
- 100' RIVERBANK WETLAND
- 50' PERIMETER WETLAND

- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK-DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
- STAGING AND STOCKPILE AREAS SHALL NOT BE LOCATED WITHIN ANY WETLAND AND ADJUTING RESOURCE AREAS AND SHALL BE LOCATED WITHIN THE 100' RIVERBANK WETLAND.

THE CONTRACTOR SHALL RED-LINE THE SOIL EROSION AND SEDIMENT CONTROL PLAN BY ADDING THE FOLLOWING:  
 a. BUILDING MATERIALS STAGING AREAS  
 b. STOCKPILE AREAS. EROSION CONTROLS SHALL BE PLACED AT THE BASE OF ALL STOCKPILES  
 c. DESIGNATED WASHOUT AREAS  
 d. TEMPORARY SEDIMENT BASIN AREAS  
 e. STABILIZED CONSTRUCTION EXIT.

- PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES DAILY, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
- AT THE STABILIZED CONSTRUCTION EXIT, A CROSS SLOPE WILL BE PLACED IN THE ENTRANCE TO DIRECT RUNOFF TO A PROTECTED SETTLING AREA. IF DEEMED NECESSARY AFTER CONSTRUCTION BEGINS, A WASH PAD MAY BE INCLUDED TO WASH OFF VEHICLE WHEELS BEFORE LEAVING THE PROJECT SITE.
- TEMPORARY SEDIMENT BASIN WILL BE DESIGNED EITHER AS EXCAVATIONS OF BERMED STORMWATER DETENTION STRUCTURES THAT WILL RETAIN RUNOFF FOR A SUFFICIENT PERIOD OF TIME TO ALLOW SUSPENDED SOIL PARTICLES TO SETTLE OUT PRIOR TO DISCHARGE. BASINS WILL BE LOCATED AS DETERMINED BY THE CONTRACTOR, BASED ON CONSTRUCTION NEEDS, POINT OF DISCHARGE FROM SEDIMENT BASINS WILL BE STABILIZED TO MINIMIZE EROSION.
- VEGETATIVE SLOPE STABILIZATION WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR GREATER. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. PROPER ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.

BASE SITE PLAN INFORMATION PROVIDED BY PETER V. GIROLA, REGISTERED LAND SURVEYOR, PO BOX 8641 GRANSTON RI 02934-5333

**GRADING/DRAINAGE**

- 102.1 - EXISTING CONTOUR
- 102.2 - PROPOSED CONTOUR
- TW/BW - TOP OF WALL/BOTTOM OF WALL
- TS/BS - TOP OF STEP/BOTTOM OF STEP
- HP/LP - HIGH POINT/LOW POINT
- RE - RIM ELEVATION
- DI - DRAIN INLET
- CB - CATCH BASIN
- FE - FINISH FLOOR ELEVATION
- BM - BENCH MARK

INVASIVE PLANT (TREES, VINES, SHRUBS AND PERENNIALS) REMOVAL WITHIN THE WETLANDS BUFFER TO BE COMPLETED BY A R.I. CERTIFIED COASTAL INVASIVE MANAGER (David Renzi, Out In Front Horticulture has been retained for these services.) A PARTIAL LIST OF INVASIVE PLANTS INCLUDES ACER PLATANOIDES, ROSA MULTICORA, BERBERIS THUNBERGII, CELASTRUS ORBICULATUS, POLYGONUM CUSPIDATUM, AND RHAMNUS CATHARTICA. THE REMOVAL PROCESS WILL BE A COMBINATION OF HAND METHODS INCLUDING THE APPLICATION OF HERBICIDES BY A LICENSED APPLICATOR TO EFFECTIVELY KILL THE ROOT SYSTEMS. THE PLAN IN GENERAL WILL CONSIST OF THE FOLLOWING PROCESS OVER A PERIOD OF THREE YEARS WITH MAINTENANCE TO CONTINUE IN THE FUTURE TO IMPEDE THE ENCRoACHMENT FROM SURROUNDING PROPERTIES.

- SPRING 2014  
 WAIT UNTIL NEW GROWTH HAS EMERGED AND THE KNOTWEED RETURNS TO HEIGHT APPROPRIATE FOR TREATING. FRILL TREAT MULTIFLORA ROSE, BITTERSWEET, BUCKTHORN, CATALPA, NORWAY MAPLE. HERBICIDES USED ARE ALL AQUATIC APPROVED. RODEO (3-TRIOSATE) AND GARLON-3A (TRICLOPYR). AN ORGANOSILICATE SPRAYER-STICKER WHICH IS ALSO AQUATIC APPROVED (MANE) IS ADDED. A HAND SPRAY BOTTLES TO APPLY THE MATERIAL. FOLIAR TREAT KNOTWEED WITH RODEO AND HABITAT (MAZAPYR). SAME SPRAYER STICKER WILL BE USED.
- LATE SPRING 2014  
 FOLIAR TREAT RE-SPROUTS OF OTHER INVASIVE PLANTS WITH SAME.
- FALL 2014  
 RE-TREAT KNOTWEED AND OTHER INVASIVE PLANTS WITH GLYPHOSATE/HABITAT MIX.
- LATE FALL 2014  
 REMOVE DEAD MATERIAL SO AS TOO EXPOSE GROUND TO MORE DIRECT FREEZING. THIS BEING AN ADDITIONAL EFFECTIVE CONTROL OF KNOTWEED.
- SPRING 2015  
 WAIT UNTIL NEW GROWTH HAS EMERGED AND THE KNOTWEED RETURNS TO PROPER HEIGHT APPROPRIATE FOR TREATING AND RE-APPLY FOLIAR MIX, SUBSTITUTING GARLON-3A FOR GLYPHOSATE.
- LATE SPRING 2015  
 FOLIAR TREAT RE-SPROUTS OF OTHER INVASIVE PLANTS WITH SAME.
- FALL 2015  
 RE-TREAT KNOTWEED AND OTHER INVASIVE PLANTS WITH GLYPHOSATE/HABITAT MIX.

NEW WETLAND BUFFER PLANTINGS TO WAIT UNTIL THE SUBSTANTIAL REMOVAL OF THE PREDOMINANT INVASIVE PLANTS HAVE BEEN COMPLETED TO ENSURE THE SURVIVABILITY OF THE NATIVE PLANTS. MAINTENANCE OF THIS AREA WILL CONTINUE FOR UP TO THREE YEARS WITH ADDITIONAL APPLICATIONS OF HERBICIDES AND HAND REMOVALS TO MAINTAIN THE INTEGRITY OF THE PROCESS AND TO ALLOW FOR THE NATIVE PLANTS AMPLIFIED OPPORTUNITY TO ESTABLISH.

**Bioretention-Basin Protection During Construction**

- FOR THE LONG-TERM FUNCTION OF THE BIOFILTRATION BASIN CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):
- THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.
  - ALL STORMWATER RUNOFF FROM EXPOSED SURFACES SHALL BE DIRECTED AWAY FROM THESE AREAS.
  - CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILES OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
  - EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY HYDRAULIC EXCAVATOR OR SOME OTHER SIMILAR MEANS TO ENSURE THAT THE EQUIPMENT IS NOT IN DIRECT CONTACT WITH THE NATURAL FILTRATION EARTH MATERIAL, AND DOES NOT CAUSE COMPACTION OF THE SUBGRADE.
  - THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.
  - THE BIORETENTION BASIN SHALL BE PROTECTED WITH EROSION CONTROLS IMMEDIATELY UPON INSTALLATION TO PREVENT CLOGGING-OF-FILTER MATERIALS. THESE AREAS SHALL NOT BE USED AS SEDIMENTATION OR DEWATERING BASINS.

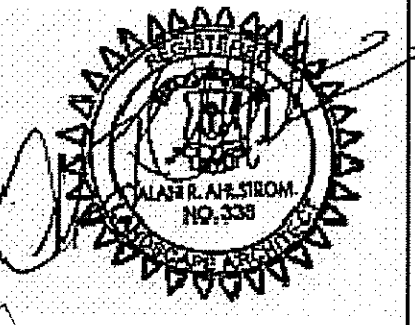
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 Mobile: 401-927-5252  
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 A.P. 29 LOT 25  
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REVISIONS:

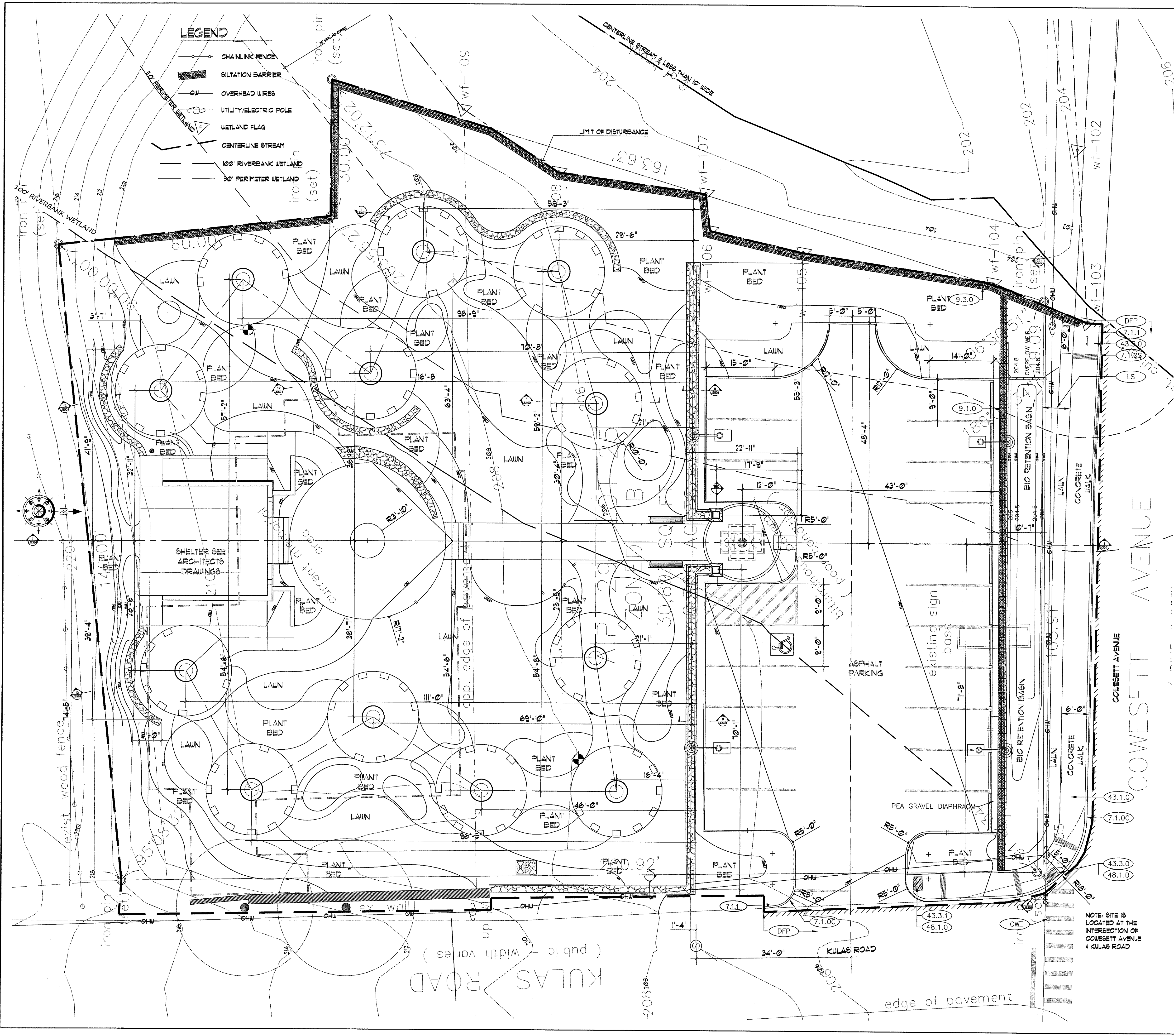
DATE: 05.01.2014

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SCALE: 1" = 10'-0"

**SITE DEMOLITION PREPARATION PLAN**

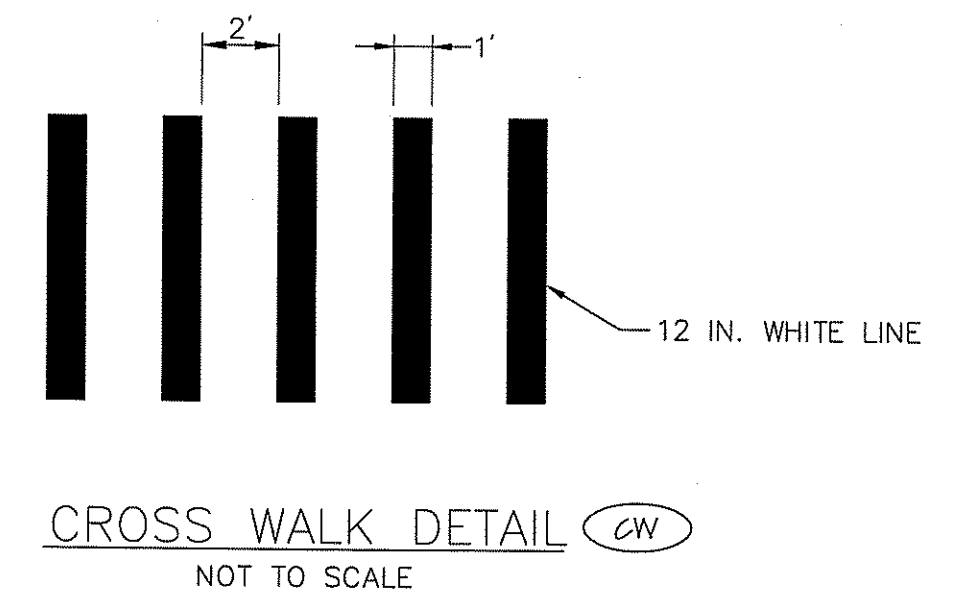
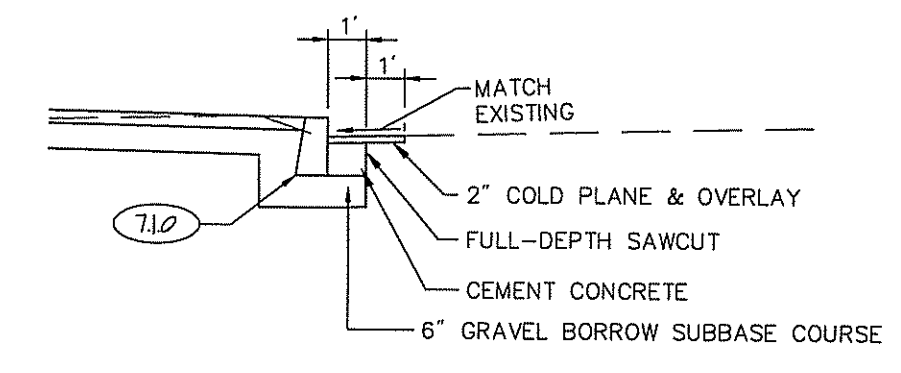
SHEET: LD101



- LEGEND**
- CHAINLINK FENCE
  - ▬ SILTATION BARRIER
  - OVERHEAD WIRES
  - UTILITY/ELECTRIC POLE
  - △ WETLAND FLAG
  - CENTERLINE STREAM
  - ▬ 100' RIVERBANK WETLAND
  - ▬ 90' PERIMETER WETLAND

- LEGEND**
- 7.1.0S PRECAST CONCRETE CURB (STRAIGHT)
  - 7.1.0C PRECAST CONCRETE CURB (CIRCULAR)
  - 7.1.1 3'-0" PRECAST CONCRETE TRANSITION CURB
  - 9.1.0 BALED HAY EROSION CHECK
  - 9.3.0 BALED HAY EROSION CHECK AND SILT FENCE COMBINED
  - 43.1.0 CEMENT CONCRETE SIDEWALK
  - 43.3.0 WHEELCHAIR RAMP
  - 43.3.1 WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS
  - 48.1.0 DETECTABLE WARNING SYSTEM
  - CW CROSS WALK
  - DFP REMOVE AND DISPOSE FLEXIBLE PAVEMENT
  - LS 4" LOAM AND SEED
- CUT AND MATCH

**NOTE:**  
 1. REFER TO SHEET LS-500 FOR FOR STANDARD D.O.T. DETAILS



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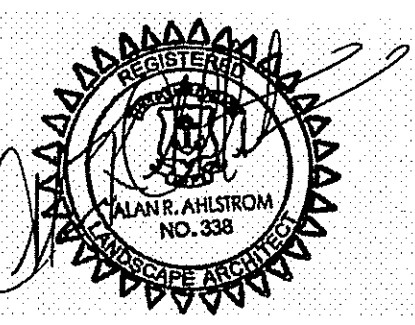
DATE: 05.01.2014

DRAWN BY: AA CHECKED BY: AA

SCALE: 1" = 10'-0"

SITE LAYOUT PLAN

SHEET: LS101



REVISIONS:

DATE: 05.01.2014

DRAWN BY: AA      CHECKED BY: AA

SCALE:  
 AS NOTED

LANDSCAPE  
 RIDOT  
 DETAILS

SHEET:  
 L5500

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*Charles A. Haber*

**ELEVATION**

**PLAN**

NOTES:  
 1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.  
 2. TO BE USED WHERE THE EXISTING GROUND SLOPES AWAY FROM THE HIGHWAY EMBANKMENT AS CALLED FOR ON PLANS.  
 3. AT APPROXIMATE 100'-0" INTERVALS A BALE OF HAY IS TO BUTT PERPENDICULARLY.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE
1	MLP	Mar 05
2	MLP	06/01/10

**BALED HAY EROSION CHECK**

James H. Capaldi, Chief Design Engineer, State of Rhode Island, No. 338  
 June 15, 1998

R.I. STANDARD 9.1.0

**ELEVATION**

**PLAN**

NOTES:  
 1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.  
 2. DRAWING SHOWS TRANSITION CURB FOR ONE DIRECTION, FOR OTHER DIRECTION USE OPPOSITE HAND AND INCLUDE A 1/2" x 4" EPOXY COATED DOWEL.  
 3. EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.  
 4. EXPOSED EDGES TO HAVE A 3/4" CHAMFER.  
 5. LEFT AND RIGHT SECTIONS SHALL BE INSTALLED AS REQUIRED.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE
1	MLP	Mar 05
2	MLP	06/01/10

**3'-0" PRECAST CONCRETE TRANSITION CURB**

James H. Capaldi, Chief Design Engineer, State of Rhode Island, No. 338  
 June 15, 1998

R.I. STANDARD 7.1.1

**ELEVATION**

**PLAN**

NOTES:  
 1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.  
 2. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0".  
 3. EXPOSED SURFACES TO HAVE A SPONGE FLOAT FINISH.  
 4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF 160'-0" OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 160'-0" RADIUS.  
 5. EXPOSED EDGES TO HAVE A 3/4" CHAMFER.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE
1	MLP	Mar 05

**PRECAST CONCRETE CURB**

James H. Capaldi, Chief Design Engineer, State of Rhode Island, No. 338  
 June 15, 1998

R.I. STANDARD 7.1.0

**PLAN**

**SECTION A-A**

NOTES:  
 1. SHALL BE IN ACCORDANCE WITH SECTION 905 OF THE R.I. STANDARD SPECIFICATIONS.  
 2. THIS DETAIL IS TO BE USED ONLY WHEN STATE RIGHT-OF-WAY IS LIMITED TO BACK OF SIDEWALK, AND SIDEWALK IS NARROW WITH NO PEDESTRIAN TRAFFIC FROM SIDE STREET.  
 3. WHEN ANY OBSTRUCTION LOCATED IN THE SIDEWALK FALLS WITHIN A CROSSWALK AREA, IF POSSIBLE, THE OBSTRUCTION SHALL BE PLACED SUCH THAT IT FALLS OUTSIDE OF THE RAMP.  
 4. AT NO TIME IS ANY PART OF THE WHEELCHAIR RAMP TO BE LOCATED OUTSIDE OF THE CROSSWALK, AND IT IS TO BE CENTERED WHENEVER POSSIBLE.  
 5. DRAINAGE FACILITIES ARE TO BE LOCATED UP-GRADE OF ALL WHEELCHAIR RAMPS.  
 6. LOCATION OF WHEELCHAIR RAMPS IS AS SHOWN ON CONTRACT DRAWINGS.  
 7. ALL REQUIRED CUTTING OF CURB PIECES TO BE PAID FOR UNDER COST OF CURB.  
 8. WHERE THE ROAD PROFILE EXCEEDS 5% THE TRANSITION LENGTH (T) SHALL BE EIGHTEEN FEET (18'-0").  
 9. THE ENTRANCE OF THE WHEELCHAIR RAMP SHALL BE FLUSH WITH THE ROADWAY.  
 10. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0" (GREATER LENGTHS PREFERRED).  
 11. AN UNOBSTRUCTED PATH OF TRAVEL WITH A MINIMUM WIDTH OF 4'-0" SHALL BE MAINTAINED.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE
1	MLP	Dec 2009
2	MLP	Sep 2012

**WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS**

James H. Capaldi, Chief Design Engineer, State of Rhode Island, No. 338  
 June 15, 1998

R.I. STANDARD 43.3.1

**ELEVATION**

NOTES:  
 1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.  
 2. STD. 9.1.0 IS INSTALLED "TIGHT" AGAINST SILT FENCE. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICE. SILT FENCE FABRIC SHALL NOT BE SLIT. STD. 9.1.0 POST SHALL BE DRIVEN THROUGH SILT FENCE FABRIC. 2"x2"x4'-6" (MAX.) OAK POST FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.  
 3. 1"x1"x4'-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.  
 4. SILT FENCE AND BALED HAY SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

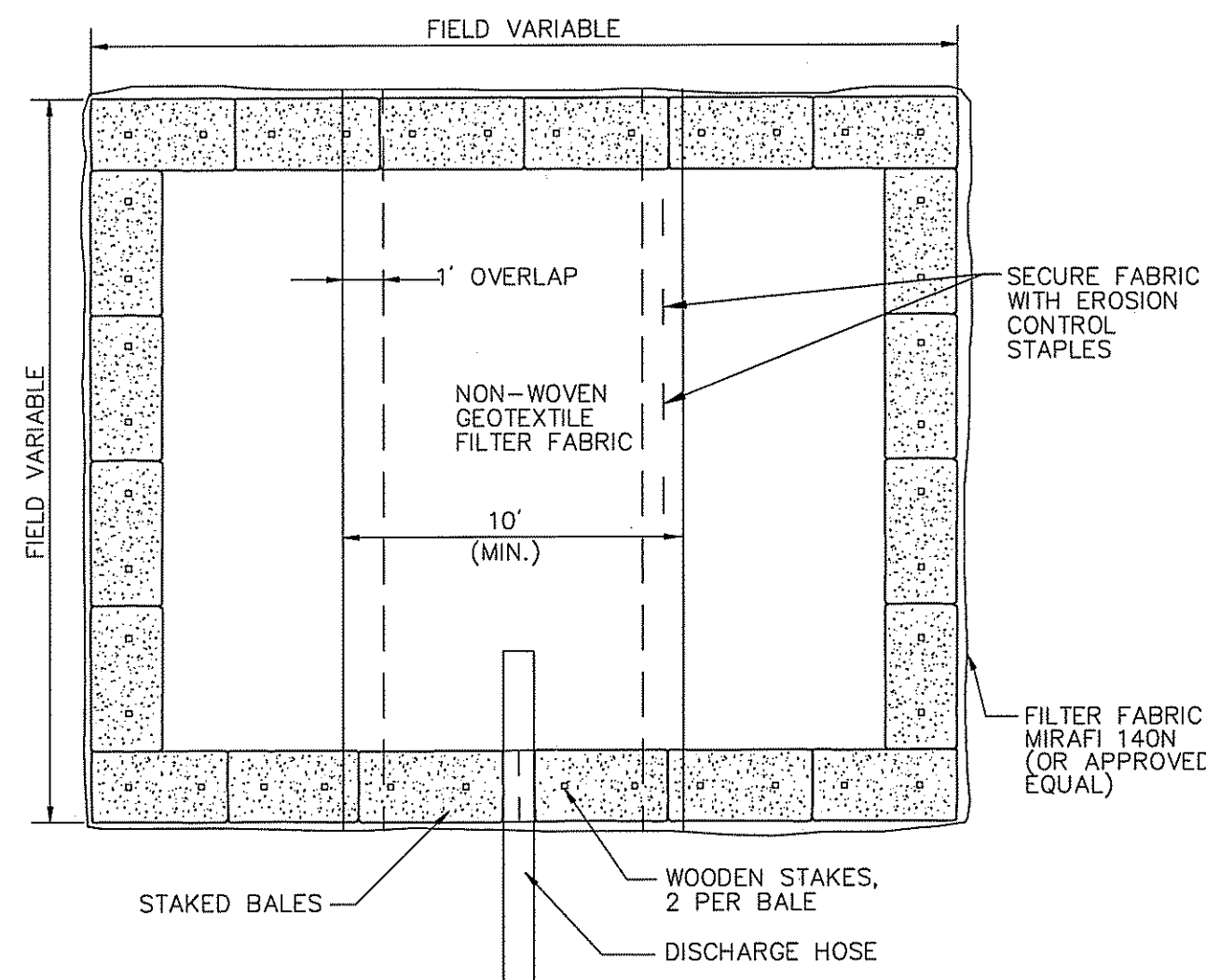
RHODE ISLAND DEPARTMENT OF TRANSPORTATION

REVISIONS		
NO.	BY	DATE
1	MLP	Mar 05

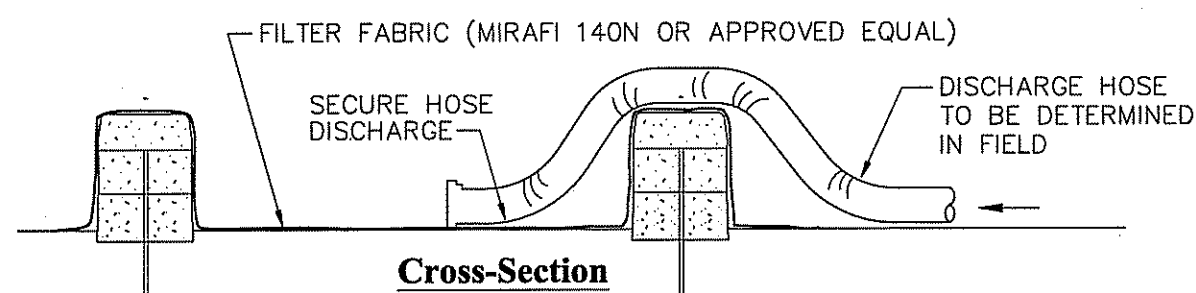
**BALED HAY EROSION CHECK AND SILT FENCE COMBINED**

James H. Capaldi, Chief Design Engineer, State of Rhode Island, No. 338  
 June 15, 1998

R.I. STANDARD 9.3.0



Plan View

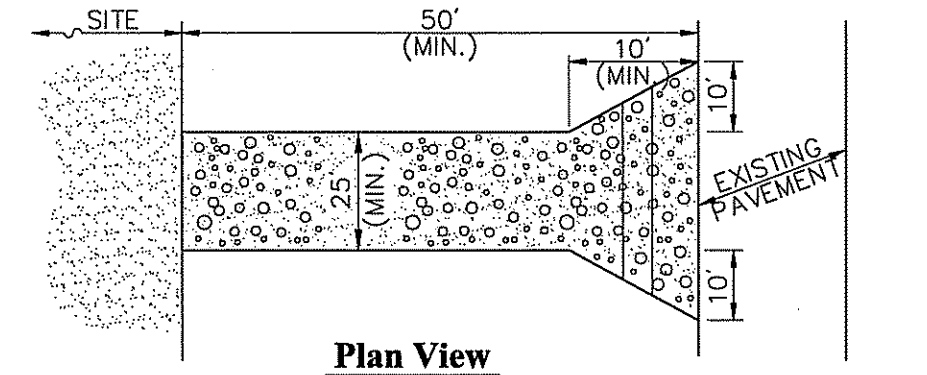


Cross-Section

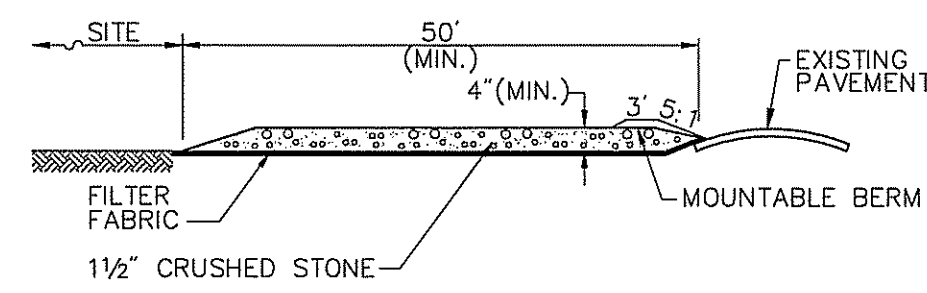
- Notes:**
1. NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS.
  2. THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN.

**Dewatering Straw Bale Basin**

N.T.S. Source: VHB 2/11 REV LD\_690



Plan View



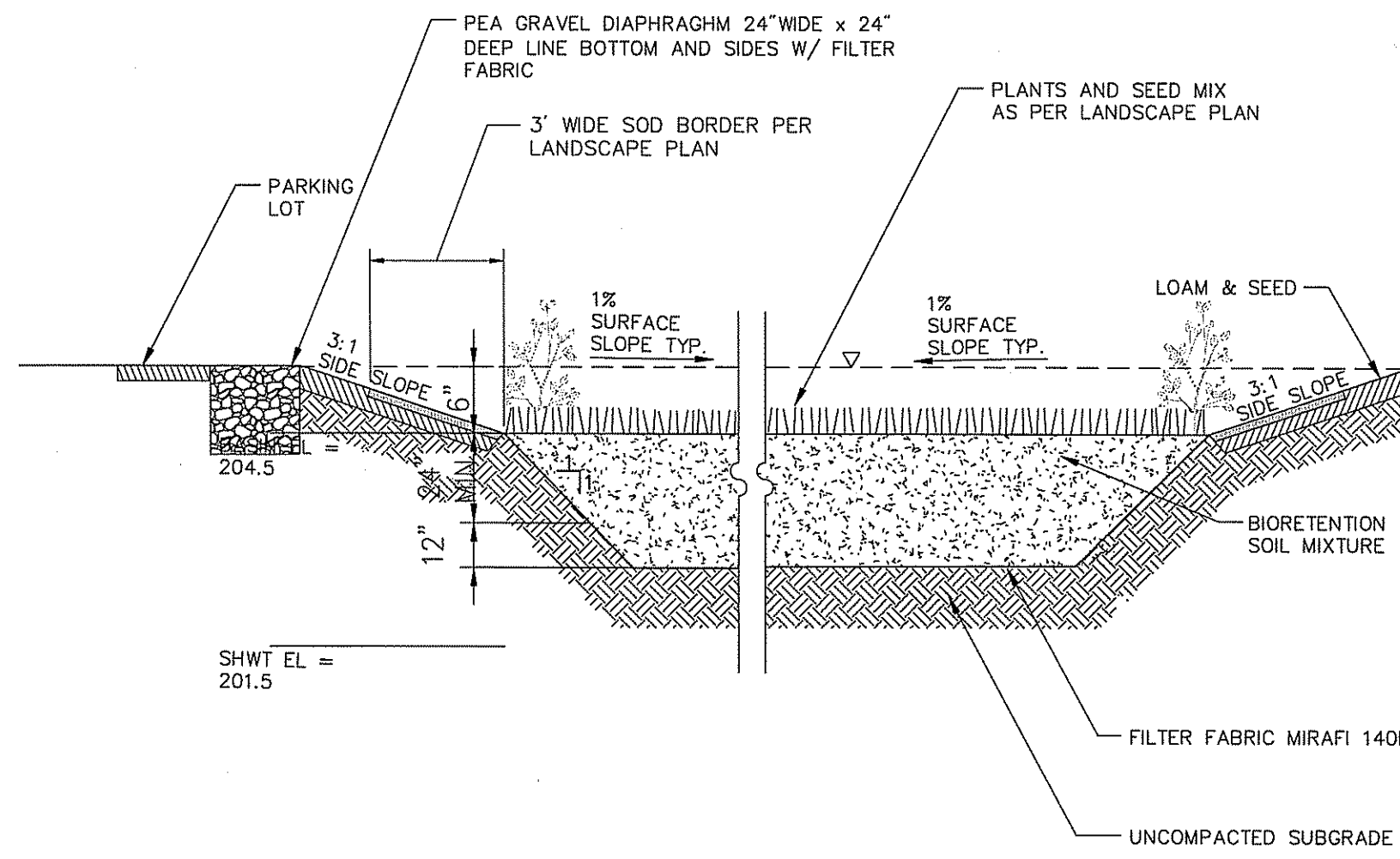
Cross-section

**Notes:**

1. ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
3. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

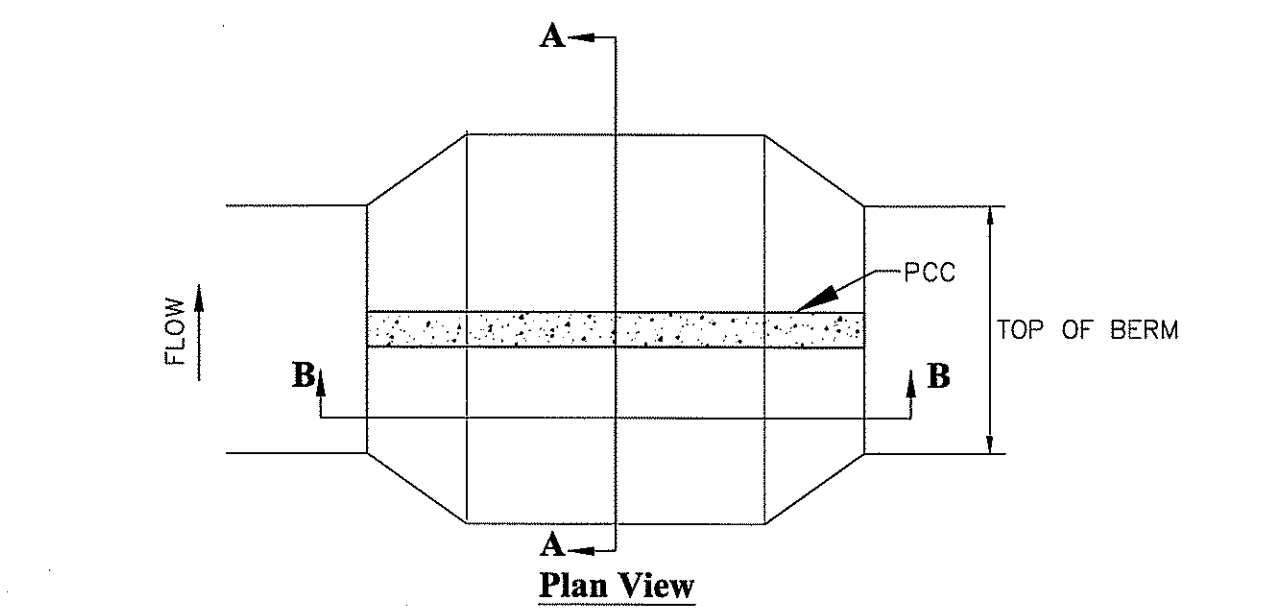
**Stabilized Construction Exit**

N.T.S. Source: VHB 6/08 LD\_682

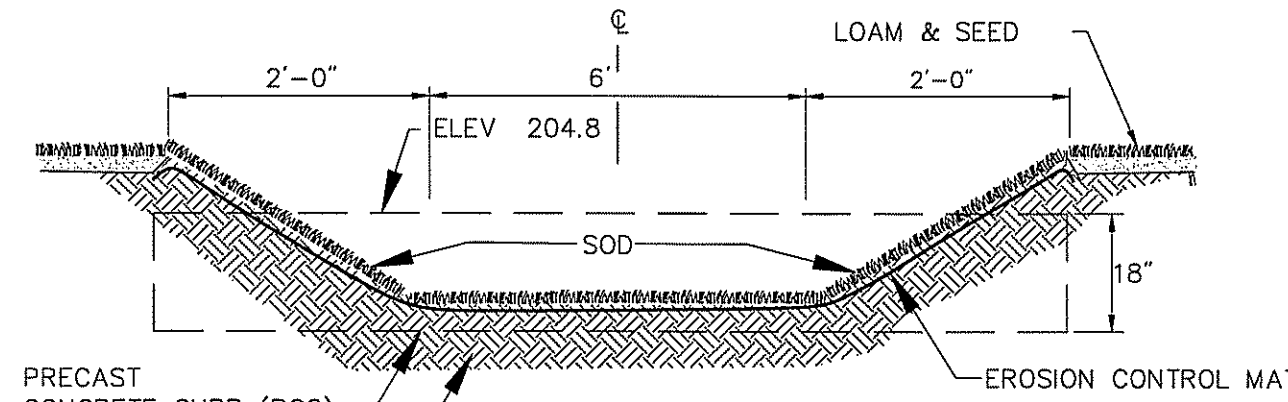


**Bioretention Basin**

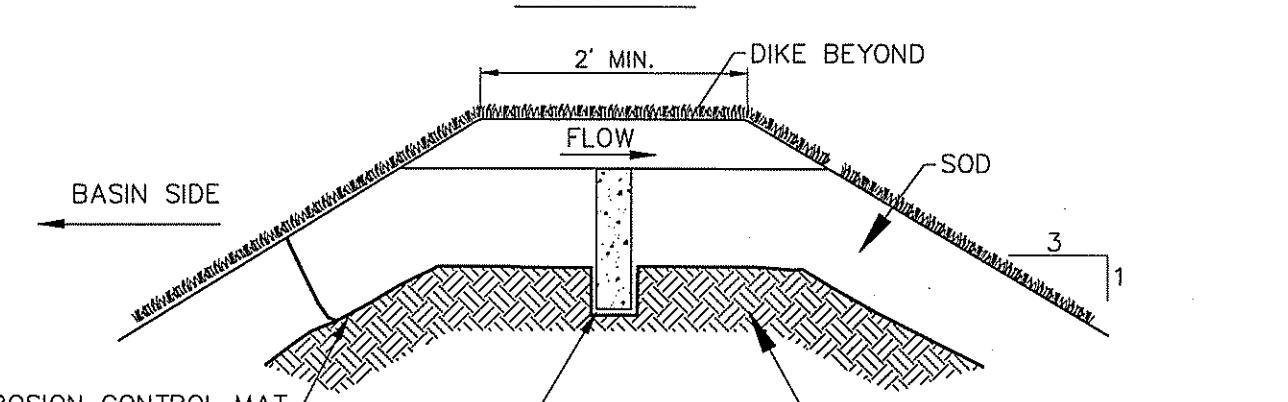
N.T.S. Source: VHB 6/08 REV LD\_353



Plan View



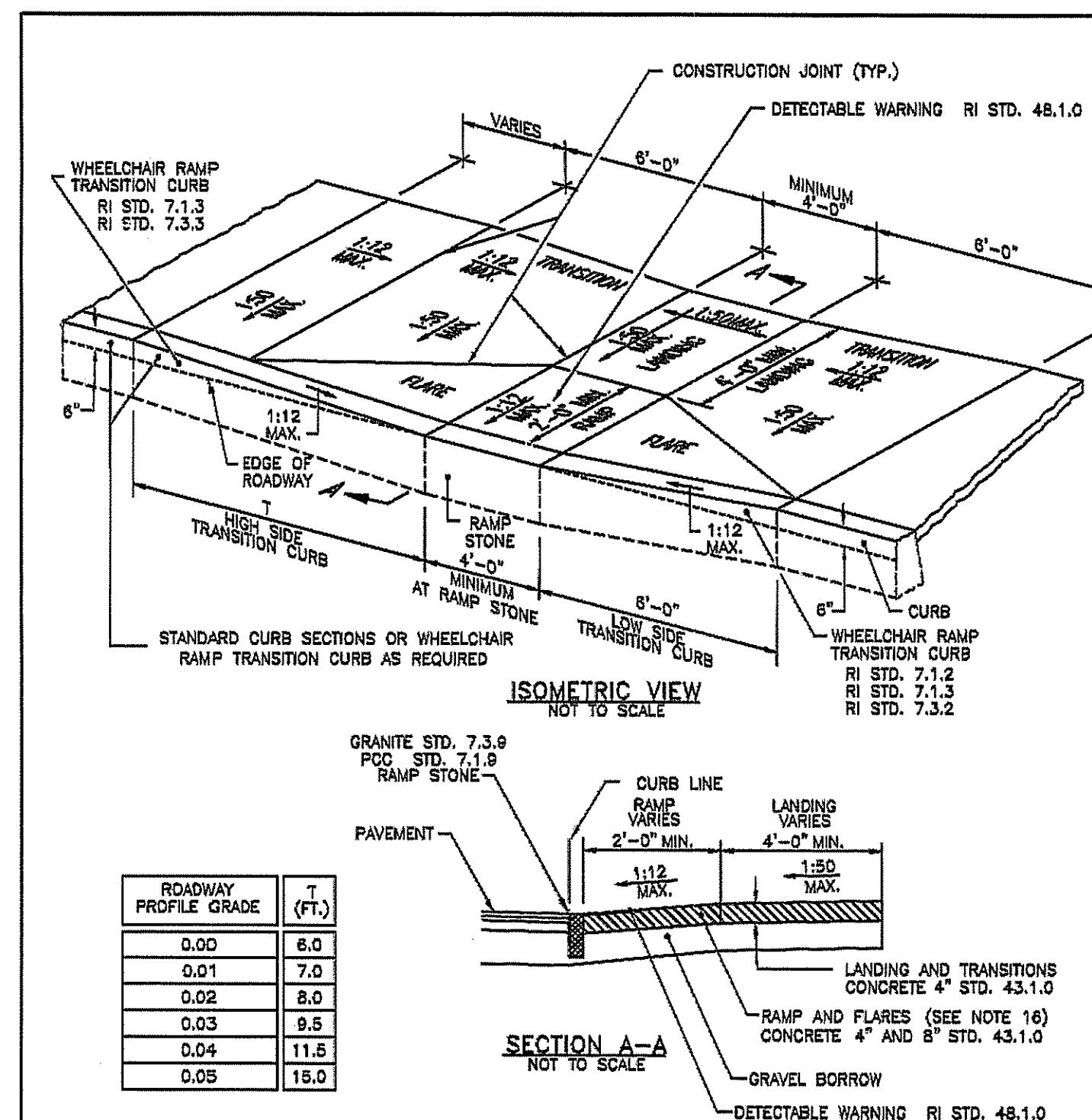
Section B-B



Section A-A

**Overflow Weir**

N.T.S. Source: VHB 6/08 REV LD\_161



SECTION A-A

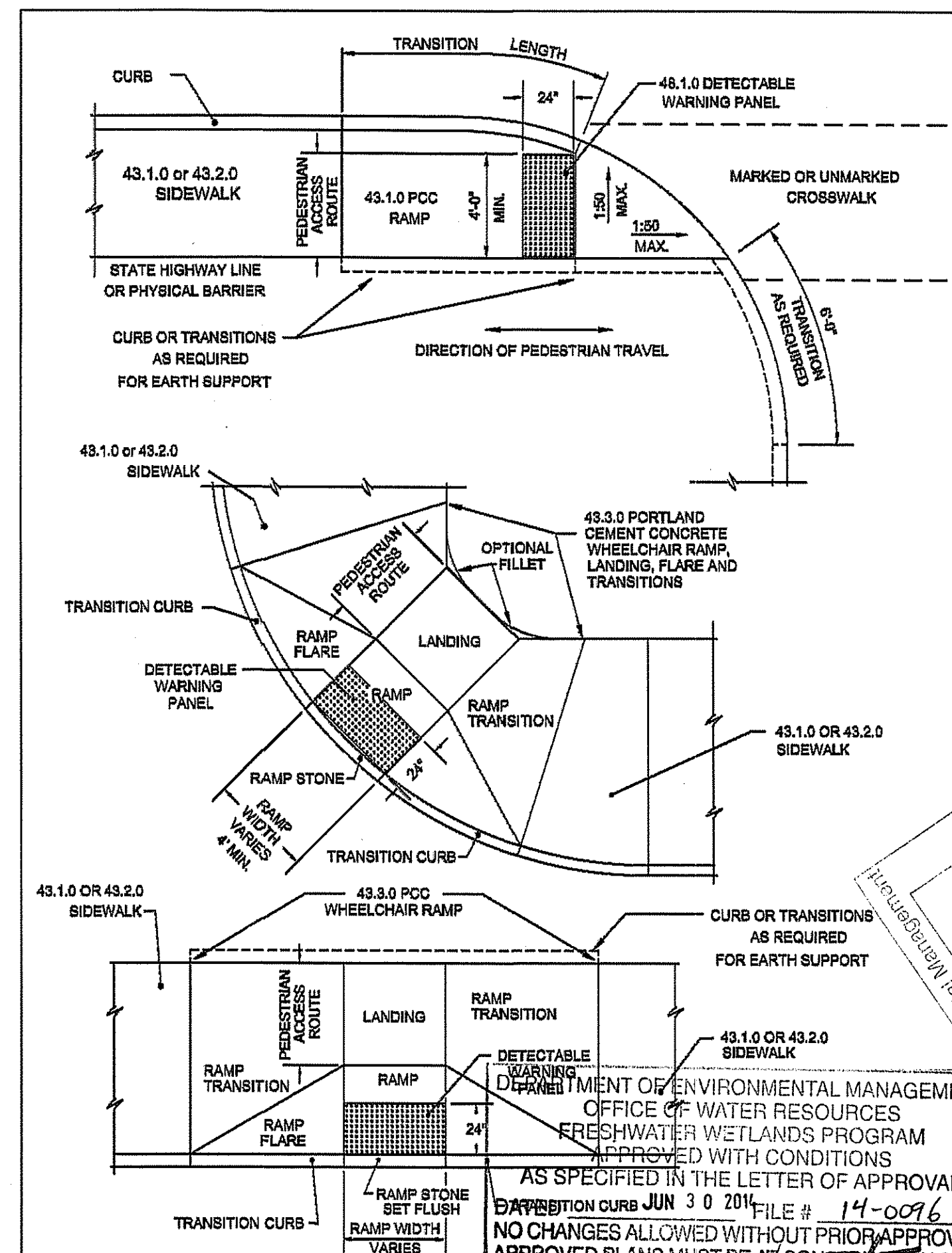
- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 903 OF THE RI STANDARD SPECIFICATIONS.
  2. WHEN ANY OBSTRUCTION LOCATED IN THE SIDEWALK FALLS WITHIN A CROSSWALK AREA, THE WHEELCHAIR RAMP SHALL BE PLACED SUCH THAT THE OBSTRUCTION FALLS OUTSIDE OF THE RAMP.
  3. AT NO TIME IS ANY PART OF THE WHEELCHAIR RAMP TO BE LOCATED OUTSIDE OF THE CROSSWALK, AND IT IS TO BE CENTERED WHENEVER POSSIBLE.
  4. DRAINAGE FACILITIES ARE TO BE LOCATED UP-GRADE OF ALL WHEELCHAIR RAMPS.
  5. LOCATION OF WHEELCHAIR RAMPS IS AS SHOWN ON CONTRACT DRAWINGS.
  6. IN NO INSTANCE SHALL THE SIDEWALK CROSS SLOPE EXCEED 1:50 EXCEPT WITHIN THE RAMP AREA.
  7. AN UNOBSTRUCTED PATH OF TRAVEL WITH A MINIMUM WIDTH OF 4'-0" SHALL BE MAINTAINED.
  8. THE WHEELCHAIR RAMP SLOPE AND SIDE SLOPES (TRANSITIONS) MUST NOT BE STEEPER THAN 1:12. HOWEVER, THESE SLOPES MAY BE FLATTER THAN 1:12 WHEN WARRANTED BY SURROUNDING CONDITIONS.
  9. WHERE THE ROAD PROFILE EXCEEDS 6% THE HIGH SIDE TRANSITION LENGTH (T) SHALL BE EIGHTEEN FEET (18'-0").
  10. IN NO CASE, WHERE A STOP LINE IS WARRANTED, SHALL A RAMP BE PLACED BEHIND THE STOP LINE.
  11. THE ENTRANCE OF THE WHEELCHAIR RAMP SHALL BE FLUSH WITH THE ROADWAY.
  12. THE WHEELCHAIR RAMP SHALL BE CENTERED RADIALLY OPPOSITE THE RADIAL POINT WHEN POSSIBLE.
  13. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0" (GREATER LENGTHS PREFERRED).
  14. ALL REQUIRED CUTTING OF CURB PIECES TO BE PAID FOR UNDER COST OF CURB.
  15. DETECTABLE WARNING TO BE PAID FOR UNDER SECTION 942 OF THE RI STANDARD SPECIFICATIONS.
  16. DETECTABLE WARNING TO BE PAID FOR UNDER SECTION 942 OF THE RI STANDARD SPECIFICATIONS.
  17. 8" CONCRETE DEPTH FOR RADIUS WHEELCHAIR RAMPS ONLY. USE 4" DEPTH FOR TANGENT (MID-BLOCK) LOCATIONS.

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION**

**WHEELCHAIR RAMP**

NO.	BY	DATE
1	MAP	10/1 2005
2	MAP	1/21 2008
3	MAP	2/20 2012

DATE: JUN 15, 1988



**RHODE ISLAND DEPARTMENT OF TRANSPORTATION**

**DETECTABLE WARNING PANEL PLACEMENT**

NO.	BY	DATE
1	MAP	1/21 2008
2	MAP	1/21 2012

DATE: JUN 15, 1988

**PAVENS COOB**  
LANDSCAPE ARCHITECTURE & SITE PLANNING  
1780 Old Lonsdale Pike  
Lincoln, RI 02845  
Phone: 401-727-9229  
Mobile: 401-721-5182  
www.pavenscoob.com

**STATION NIGHTCLUB FIRE MEMORIAL PARK**  
211 COWSETT AVENUE, WEST WARWICK, RI  
A.P. 29 LOT 25  
PREPARED FOR: THE STATION FIRE MEMORIAL FOUNDATION



REVISIONS:  
DATE: 05.01.2014

DRAWN BY: AA  
CHECKED BY: AA

SCALE: AS NOTED

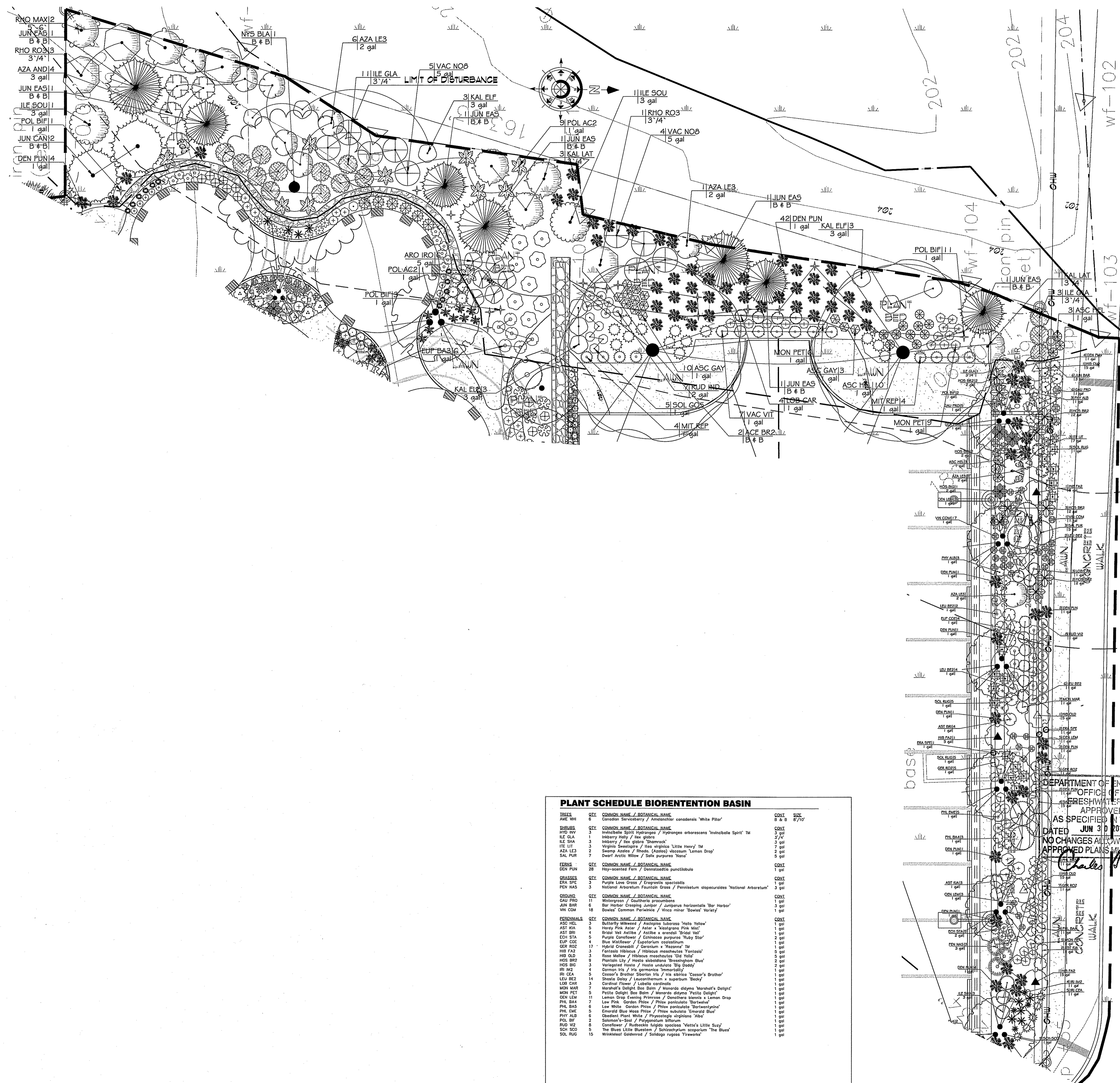
**LANDSCAPE RIDOT DETAILS**

SHEET: LS501

**PLANT SCHEDULE 50' PERIMETER WETLAND**

REFS	QTY	COMMON NAME / BOTANICAL NAME	CONT.	GA.	SIZE
ACE BR2	2	Red Maple / <i>Acer rubrum</i> 'Brandywine'	B & B	2.5'	6'-7'
JUN EAS	3	Eastern Red Cedar / <i>Juniperus virginiana</i>	B & B	8'	8'-10'
JUN CAN	3	Common Juniper / <i>Juniperus virginiana</i> 'Compact'	B & B	8'	8'-10'
NYS BLA	1	Sour Gum / <i>Nyssa sylvatica</i> 'Black Tupelo'	B & B	3'	7'-8'
SHRUBS	QTY <th>COMMON NAME / BOTANICAL NAME</th> <th>CONT.</th> <th>GA.</th> <th>SIZE</th>	COMMON NAME / BOTANICAL NAME	CONT.	GA.	SIZE
IND BLD	8	Black Chokeberry / <i>Aronia melanocarpa</i> 'Inquisitively TM'	3 gal	3"	3"
ILE CLA	14	Inkberry Holly / <i>Ilex glabra</i>	3 gal	3"	3"
ILE SOU	2	Southern Gentiana / <i>Hydrangea arborescens</i> 'Southern Gentiana'	3 gal	3"	3"
KAL LAT	4	Mountain Laurel / <i>Kalmia latifolia</i>	3 gal	3"	3"
KAL ELP	4	Dwarf Mountain Laurel / <i>Kalmia latifolia</i> 'Elf'	3 gal	3"	3"
MIT REP	6	Porridge Berry / <i>Mitella repens</i>	3 gal	3"	3"
AZA AND	4	Pink Anemone / <i>Anemone (Anemone)</i> 'Lemon Drop'	3 gal	3"	3"
AZA LE3	3	Swamp Anemone / <i>Anemone (Anemone)</i> 'Lemon Drop'	3 gal	3"	3"
RHO MAX	4	Rhododendron / <i>Rhododendron maximum</i> 'Rozanne'	3 gal	3"	3"
RHO ROD	4	Rhododendron / <i>Rhododendron maximum</i> 'Rozanne'	3 gal	3"	3"
VAC NO8	7	Blueberry / <i>Vaccinium corymbosum</i> 'Northstar'	3 gal	3"	3"
VAC VIT	8	Lingonberry / <i>Vaccinium vitis-idaea</i>	3 gal	3"	3"
VE BA	8	Baby's Concert American Cranberry Bush / <i>Viburnum trilobum</i> 'Baby Concert'	3 gal	3"	3"
ERNS	QTY <th>COMMON NAME / BOTANICAL NAME</th> <th>CONT.</th> <th>GA.</th> <th>SIZE</th>	COMMON NAME / BOTANICAL NAME	CONT.	GA.	SIZE
DEN PUN	4	Hay-scented Fern / <i>Coniopsis punctulobus</i>	1 gal	1"	1"
POL ACC	10	Christmas Fern / <i>Polystichum acrostichoides</i>	1 gal	1"	1"
EREBNALS	QTY <th>COMMON NAME / BOTANICAL NAME</th> <th>CONT.</th> <th>GA.</th> <th>SIZE</th>	COMMON NAME / BOTANICAL NAME	CONT.	GA.	SIZE
ASC GAY	13	Butterfly Milkweed / <i>Asclepias tuberosa</i> 'Gay Butterflies'	1 gal	1"	1"
ASC HEL	13	Butterfly Milkweed / <i>Asclepias tuberosa</i> 'Hello Yellow'	1 gal	1"	1"
AST BAZ	13	Starry Bushy Aster / <i>Aster dumosus</i> 'Sapphire Mist'	1 gal	1"	1"
CLP BAZ	6	Dwarf Starry Bushy Aster / <i>Asclepias tuberosa</i> 'Baby Blue'	1 gal	1"	1"
LOB CAR	15	Cardinal Flower / <i>Lobelia cardinalis</i>	1 gal	1"	1"
MON PET	17	Petite Delight Blue Bell / <i>Monarda didyma</i> 'Petite Delight'	1 gal	1"	1"
POL BIF	7	Coniopsis / <i>Polystichum bifidum</i>	1 gal	1"	1"
RUD RD	17	Common Blue Bell / <i>Rudbeckia hirta</i> 'Indian Summer'	1 gal	1"	1"
SOL GOS	5	Goldenrod / <i>Solidago rugosa</i>	1 gal	1"	1"

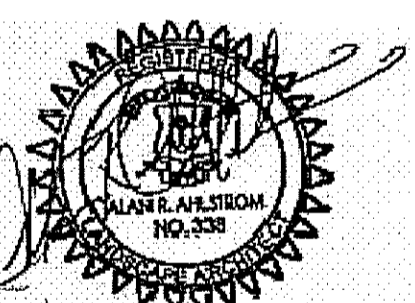
NOTE:  
1. WETLAND PLANTING TO OCCUR ONLY AFTER THE COMPLETION OF THE INVASIVE PLANT REMOVAL PROCESS IS COMPLETE.



**PLANT SCHEDULE BIORETENTION BASIN**

REFS	QTY	COMMON NAME / BOTANICAL NAME	CONT.	GA.	SIZE
ACE BR2	2	Red Maple / <i>Acer rubrum</i> 'Brandywine'	B & B	2.5'	6'-7'
JUN EAS	3	Eastern Red Cedar / <i>Juniperus virginiana</i>	B & B	8'	8'-10'
JUN CAN	3	Common Juniper / <i>Juniperus virginiana</i> 'Compact'	B & B	8'	8'-10'
NYS BLA	1	Sour Gum / <i>Nyssa sylvatica</i> 'Black Tupelo'	B & B	3'	7'-8'
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ERNS	QTY <th>COMMON NAME / BOTANICAL NAME</th> <th>CONT.</th> <th>GA.</th> <th>SIZE</th>	COMMON NAME / BOTANICAL NAME	CONT.	GA.	SIZE
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EREBNALS	QTY <th>COMMON NAME / BOTANICAL NAME</th> <th>CONT.</th> <th>GA.</th> <th>SIZE</th>	COMMON NAME / BOTANICAL NAME	CONT.	GA.	SIZE
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ASC HEL	13	Butterfly Milkweed / <i>Asclepias tuberosa</i> 'Hello Yellow'	1 gal	1"	1"
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED JUN 30 2014 FILE # 14-0076  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



REVISIONS:  
DATE: 05.01.2014

DRAWN BY: AA CHECKED BY: AA

SCALE: 10'  
1/8" = 1'-0"

WETLAND BUFFER PLANTING PLAN

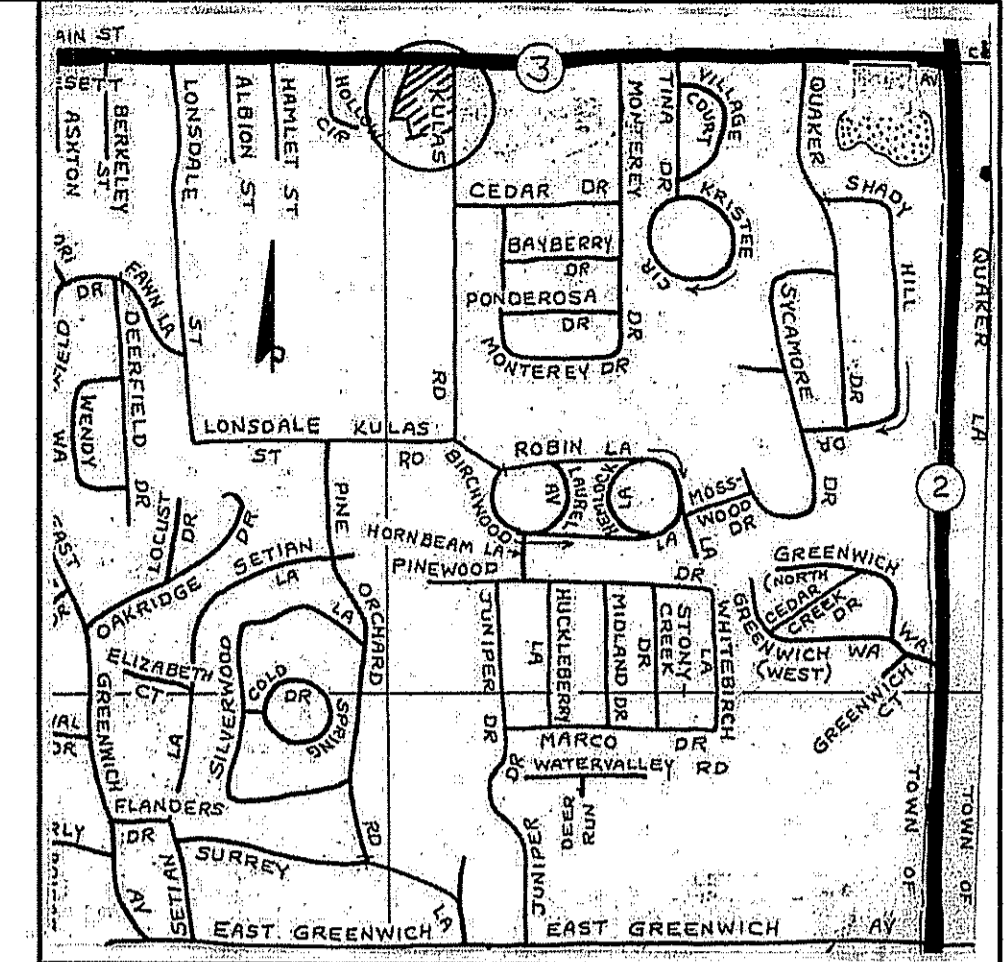
SHEET: LP102

799 OIL LAMBERT Pk  
Lynch, RI 02885  
LANDSCAPE ARCHITECTURE  
ARCHITECTURE & SITE PLANNING  
PHONE: 401.275.2525  
FAX: 401.275.2522  
WWW: www.landscape.com

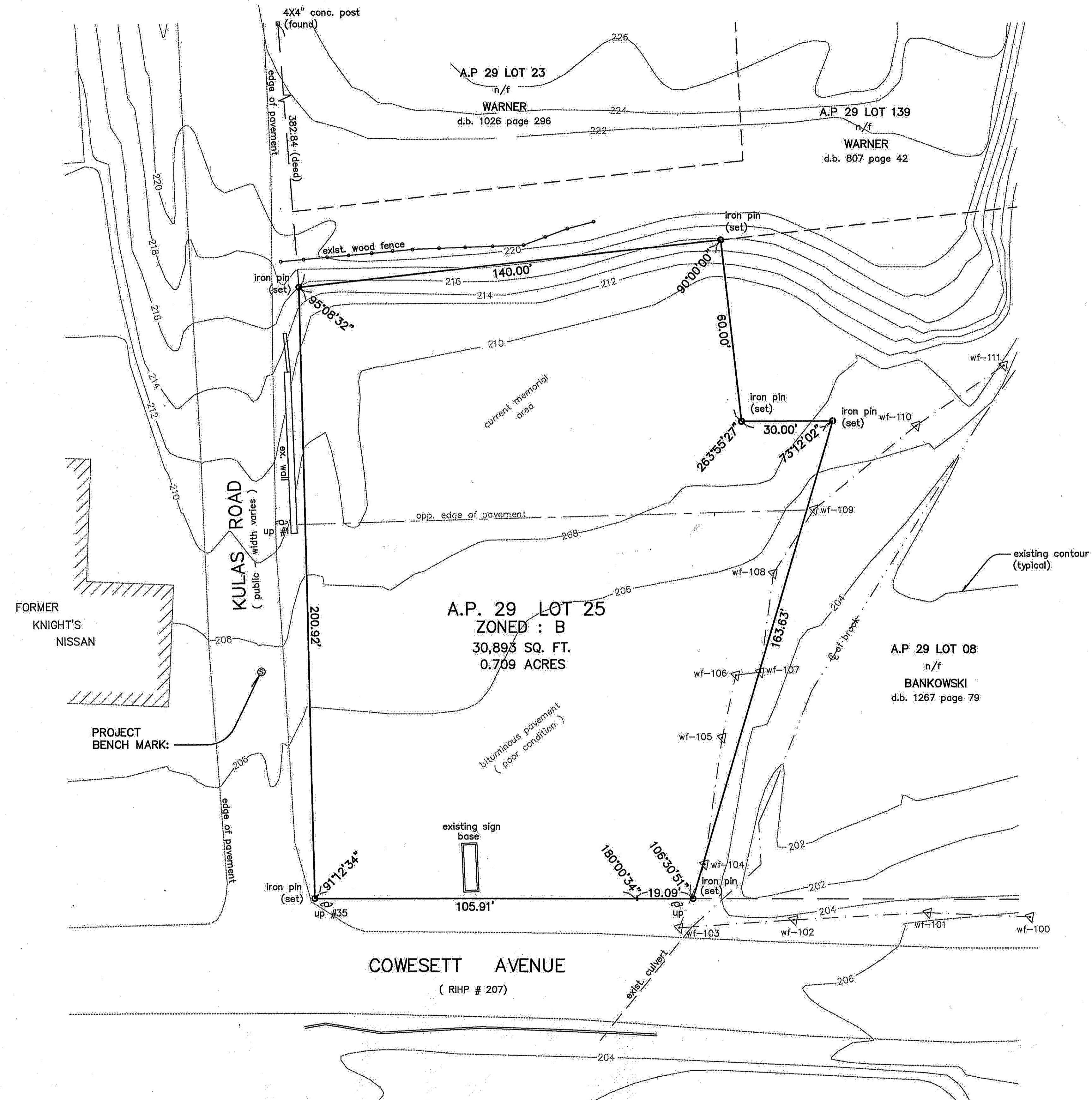
**STATION NIGHTCLUB FIRE MEMORIAL PARK**  
211 COWESETT AVENUE, WEST WARWICK, RI  
A.P. 29 LOT 25  
PREPARED FOR: THE STATION FIRE MEMORIAL FOUNDATION







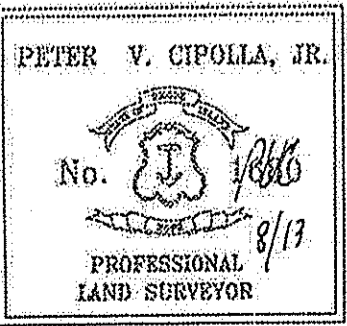
LOCATION MAP  
not to scale



- REFERENCES:**
- 1.) TOWN OF WEST WARWICK ASSESSORS PLAT NO. 29
  - 2.) TOWN OF WEST WARWICK RECORDED PLAT BOOK 4 PAGE 78
  - 3.) TOWN OF WEST WARWICK DEED BOOK / PAGE; 2194/109, 1267/78, 807/42, 1026/296 & 727/59
  - 4.) STATE OF RHODE ISLAND HIGHWAY PLAT NO. 207
  - 5.) HISTORICAL SURVEY DATA FROM PREVIOUS SURVEYS PERFORMED BY AND SUPPLIED BY BOYER ASSOCIATES
  - 6.) EXISTING CONTOURS TAKEN FROM KENT COUNTY WATER SUPPLY BOARD AERIAL TOPOGRAPHIC MAPPING SUPPLIED BY BOYER ASSOCIATES

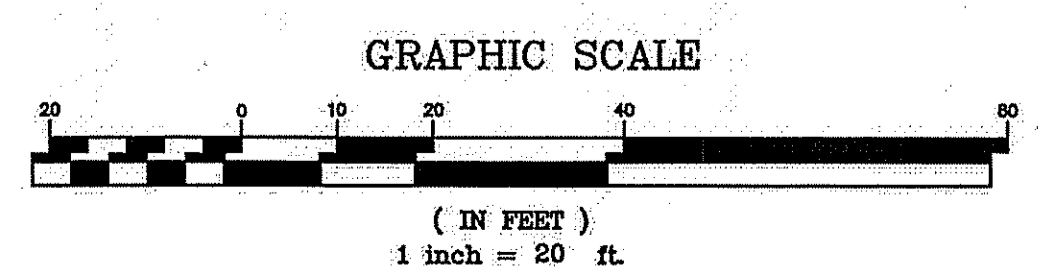
**PROJECT BENCH MARK:**  
RIM OF EXISTING SANITARY MANHOLE  
ELEVATION 207.40 (LOCAL DATUM)

- LEGEND:**
- UTILITY POLE
  - IRON PIN (set or found)
  - 4" x 4" CONCRETE POST
  - n/f NOW OR FORMERLY
  - d.b. 139 page 533 DEED BOOK / PAGE
  - ⊙ SANITARY MANHOLE
  - wf-110 WETLAND LIMIT FLAG



THE SURVEY AND PLAN CONFORMS TO A CLASS 1 HORIZONTAL AND A CLASS 3 VERTICAL STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

*Peter V. Cipolla, Jr.*



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED JUN 30 2014 FILE # 14-0096  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Charles H. Hester*

PROPERTY AND TOPOGRAPHIC  
SURVEY PLAN  
STATION FIRE MEMORIAL SITE  
A.P. 29 LOT 25  
WEST WARWICK, R.I.  
1"=20' DECEMBER 15, 2012

PETER V. CIPOLLA, JR.  
registered land surveyors  
P.O. BOX 8662 - CRANSTON, R.I. - 02920  
401-944-9333