

RIDEM Permit Modification Plan Submission

Commercial Way

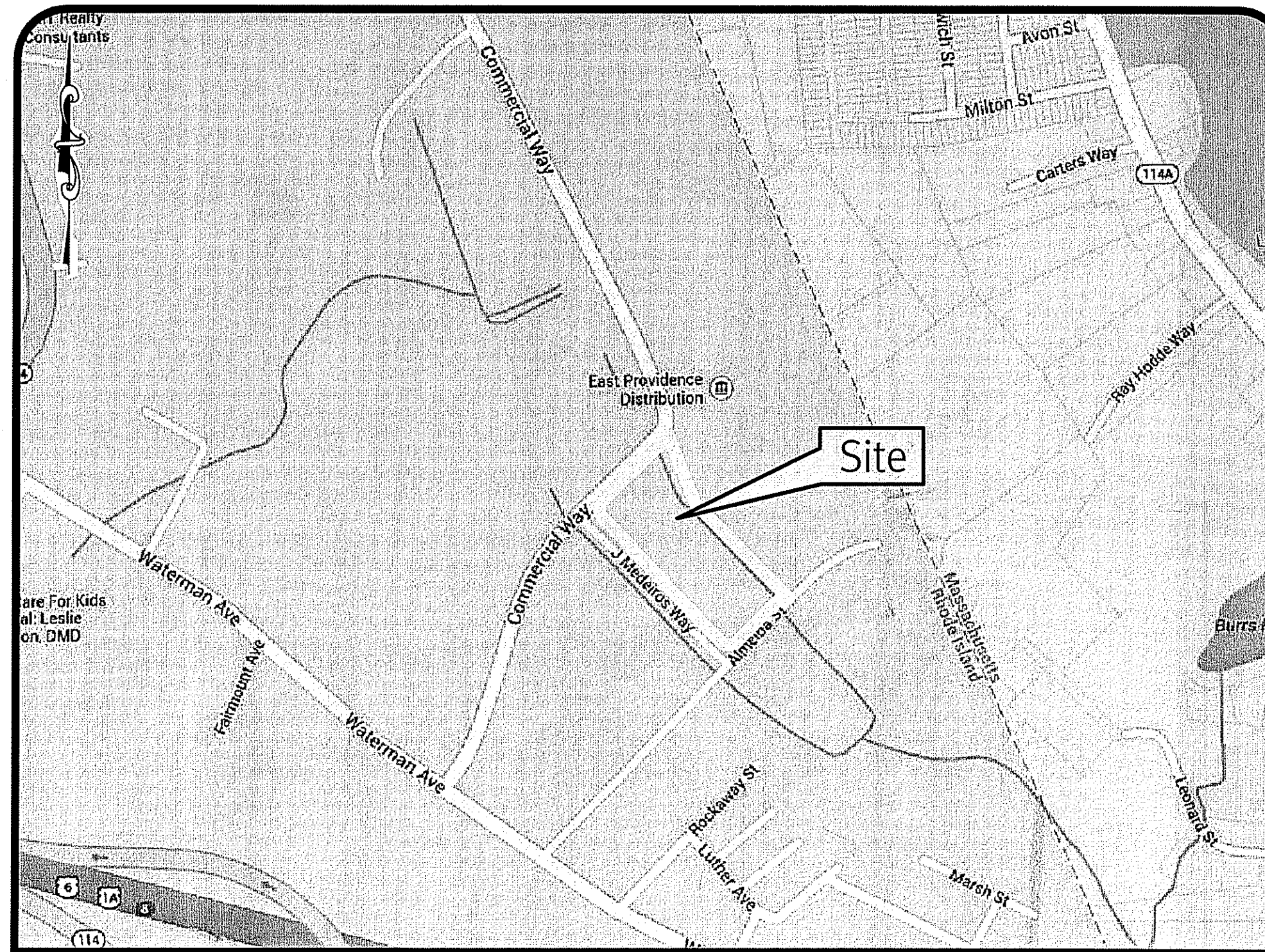
Intersection of Commercial Way & J. Medeiros Way

East Providence, Rhode Island

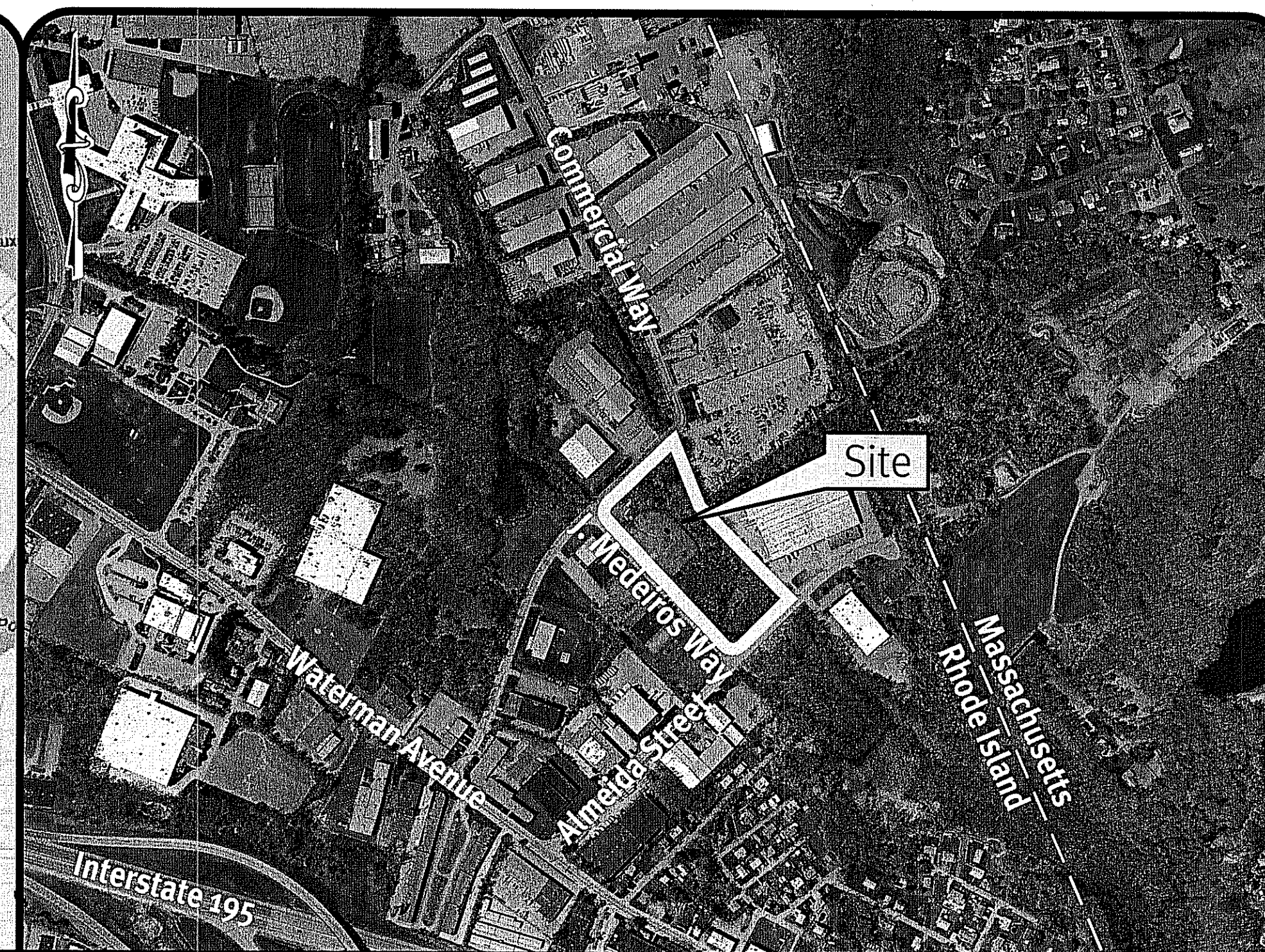
Assessor's Plat 506, Block 3, Lots 11, 11.1 & 11.2

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

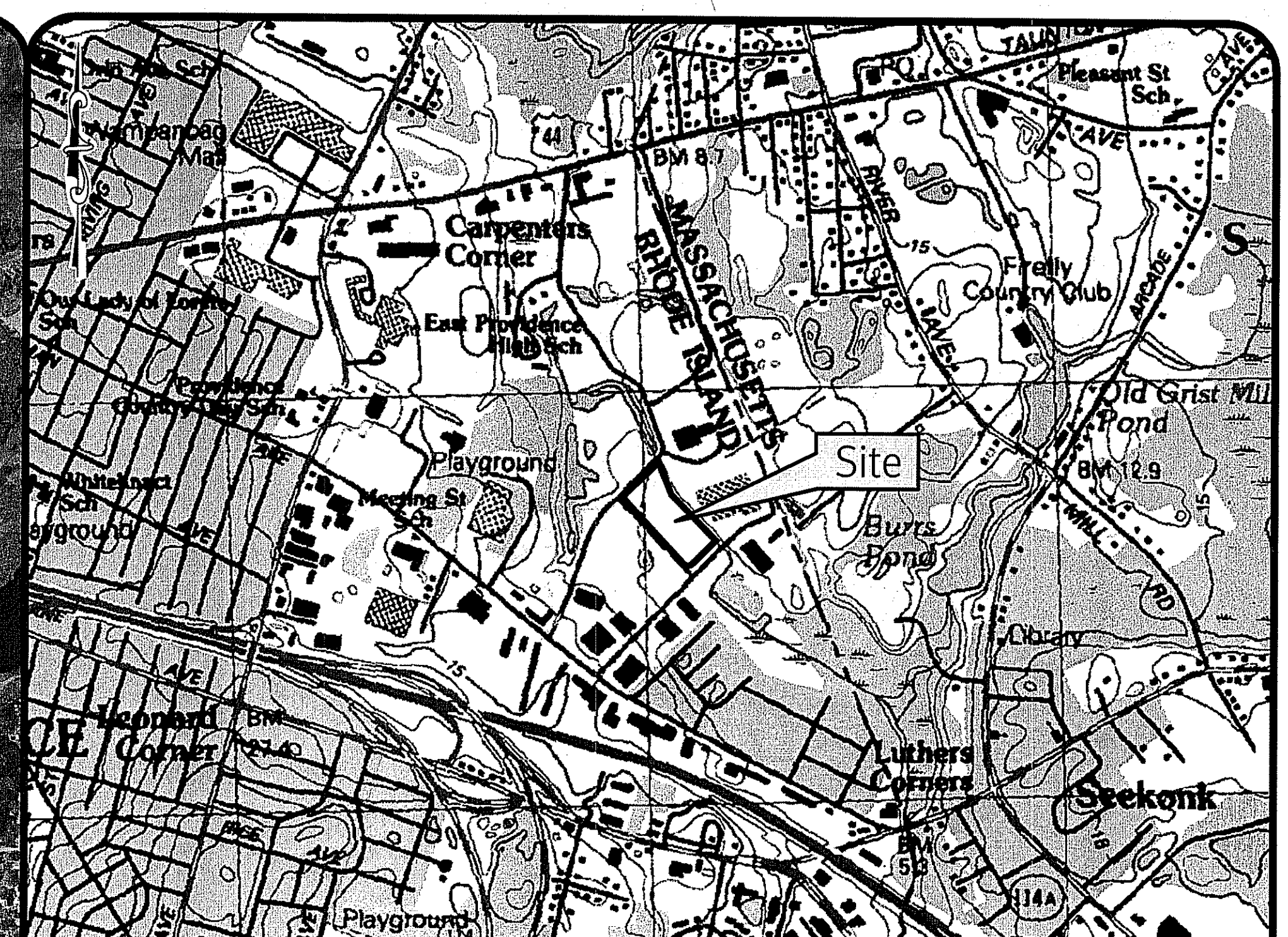
JAN 3 2014



Location Map Scale: 1" = 500'



Aerial Image Scale: 1" = 500'



USGS Map Scale: 1" = 1000'

Photo obtained from the 2011 Rhode Island Department of Environmental Management Statewide Orthophotography from Rhode Island Geographic Information System (RI-GIS).

Sheet Index

1. Cover Sheet
2. Existing Conditions Plan
3. Grading & Utility Plan
4. Detail Sheet

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB 17 2014 FILE # 08-0122
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

This Site, Assessor's Plat 506, Block 3, Lots 11, 11-1, and 11.2, has been previously reviewed, approved and permitted under RIDEM Freshwater Wetlands Program - Insignificant Alteration Permit #08-0122 dated October 3, 2008.

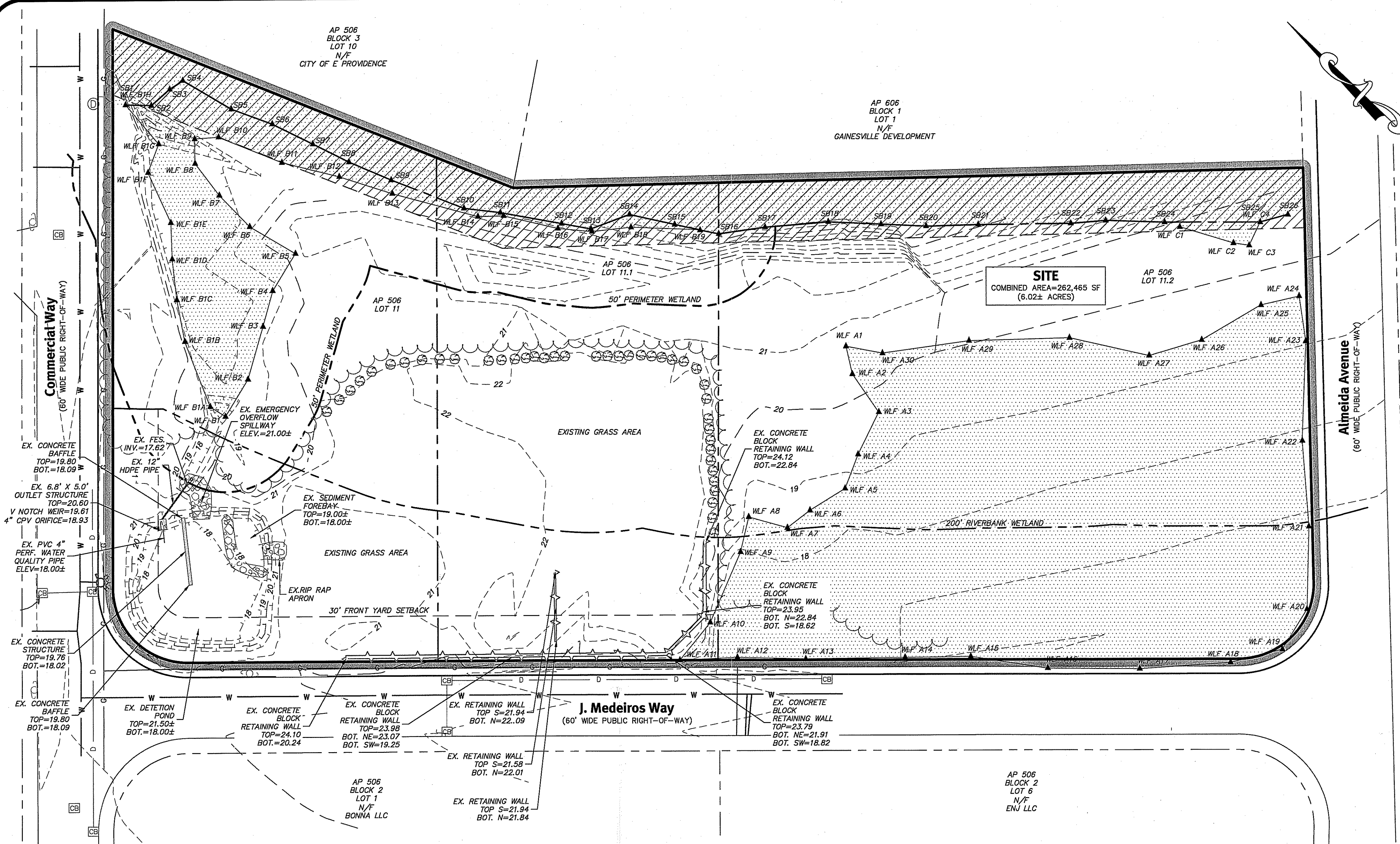
DIPrete Engineering
Two Stafford Court, Cranston, RI 02920
tel 401-943-1000 fax 401-641-6006 www.DIPrete-Eng.com

ERIC M. PRIVE
No. 8662
REGISTERED PROFESSIONAL ENGINEER CIVIL

This regulatory submission set shall not be used for construction purposes unless stamped, issued for construction, and signed by a DIPrete Engineering representative.
The contractor is responsible for all of the means, methods, safety, precautions and requirements, and OSHA conformance in the implementation of this plan and design.

No.	Date	Description	By
1	12/24/14	RIDEM Permit Modification Plan Submission	R.B.S.
2	01/28/14	Drawn By: R.B.S.	Design By: R.B.S.

Cover Sheet
Commercial Way
Intersection of Commercial Way & J. Medeiros Way, East Providence, Rhode Island
Assessor's Plat 506, Block 3, Lots 11, 11.1, and 11.2
PCD Realty, Inc.
1 Realty Way, East Providence, Rhode Island 02914



General Notes:

- THE SITE IS LOCATED ON THE CITY OF EAST PROVIDENCE ASSESSOR'S PLAT 506, BLOCK 3, LOTS 11, 11.1 & 11.2.
- THE SITE IS APPROXIMATELY 6.02± ACRES AND IS ZONED I3 (INDUSTRIAL).
- THE OWNER OF AP 506, BLOCK 3 LOT 11 & 11.1 ARE: PCD REALTY INC
1 REALTY WAY
EAST PROVIDENCE, RI 02914

THE OWNER OF AP 506, BLOCK 3 LOT 11.2 IS: CITY OF EAST PROVIDENCE
CITY HALL
145 TAUNTON AVENUE
EAST PROVIDENCE, RI 02914
- THIS SITE IS LOCATED IN FEMA FLOOD ZONE X (UNSHADED). ZONE X (UNSHADED) AREAS ARE DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44007C0328H, MAP REVISED SEPTEMBER 18, 2013.
- THIS PLAN IS SUBSTANTIALLY CORRECT IN ACCORDANCE WITH A CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. THIS PLAN IS NOT TO BE CONSTRUED AS AN ACCURATE BOUNDARY SURVEY AND MAY BE SUBJECT TO SUCH CHANGES AS AN ACCURATE BOUNDARY SURVEY MAY DISCLOSE.
- SOIL MAPPING OBTAINED FROM SOIL SURVEY OF RHODE ISLAND, PREPARED BY U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
- THE SITE IS NOT WITHIN A:
GROUNDWATER PROTECTION AREA (RIDEM)
NATURAL HERITAGE AREAS (RIDEM)
NARROW RIVER SPECIAL AREA MANAGEMENT PLAN (CRMC)
SALT PONDS SPECIAL AREA MANAGEMENT PLAN (CRMC)
- THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT: WWW.DOT.STATE.RI.US/ENGINEERING/STANDARDS/INDEX.ASP.
- SOIL EROSION AND SEDIMENT CONTROL MEASURES TO CONFORM TO RIDEM BEST MANAGEMENT PRACTICES.
- THE SITE IS TO BE SERVICED BY PUBLIC WATER, GAS AND PUBLIC SEWER.
- THE EXISTING DRAINAGE SYSTEM ON SITE WAS PREVIOUSLY ENGINEERED BY GAROFALO & ASSOCIATES, INC., 85 CORLISS STREET, P.O. BOX 6145, PROVIDENCE, RI, 02940. REFERENCE PLAN SET "APPLICATION TO ALTER FRESHWATER WETLANDS SUBMISSION FOR PROPOSED PARKING LOT SITUATED ON A.P. 506, LOTS 11, 11.1 & 11.2 J. MEDEIROS WAY EAST PROVIDENCE, RHODE ISLAND" DATED FEBRUARY 29, 2008, REVISED THROUGH JULY 7, 2008.
- THIS SITE WAS PREVIOUSLY PERMITTED UNDER RIDEM FRESHWATER WETLANDS PROGRAM FOR AN INSIGNIFICANT ALTERATION PERMIT #08-0122 DATED OCTOBER 3, 2008.
- THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE.

Soil Information:

(REFERENCE: SOIL SURVEY OF RHODE ISLAND, U.S.D.A. SOIL CONSERVATION SERVICE)
 SOIL NAME DESCRIPTION
 UD UDORTHTS—URBAN LAND COMPLEX

Dimensional Regulations:

CURRENT ZONING:	REQUIRED
I3 (INDUSTRIAL)	60,000 SF
MINIMUM LOT AREA:	200'
MINIMUM LOT WIDTH:	250'
MINIMUM LOT DEPTH:	30'
MINIMUM FRONT YARD:	20'
MINIMUM SIDE YARD:	20'
MINIMUM REAR YARD:	20'
MAXIMUM STRUCTURE HEIGHT:	40' (3 STORIES)
MAXIMUM LOT COVERAGE:	60%

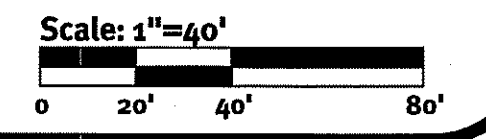
Existing Legend:

PROPERTY LINE	—————
ASSESSOR LINE	-----
INTERNAL LOT LINE	-----
SETBACK	-----
EASEMENT	----- TYPE OF EASEMENT
EASEMENT HATCH	//////
EX TREELINE	~~~~~
RETAINING WALL	=====
EX MAJOR FOOT CONTOUR	----- -160-
EX MINOR FOOT CONTOUR	----- -158-
GAS LINE	— G — G —
WATER LINE	— W — W —
SEWER LINE	— S — S —
WETLAND EDGE	=====
WETLAND HATCH
STREAM CENTERLINE	=====
50' PERIMETER WETLAND	=====
200' RIVERBANK WETLAND	=====
WETLAND FLAG	▲ AS
EVERGREEN PLANTING	⊗

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[Signature]

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DiPrete Engineering
 Two Stafford Court Cranston, RI 02920
 tel 401-943-1000 fax 401-464-6006 www.DiPrete-Eng.com
 Engineers • Planners • Surveyors

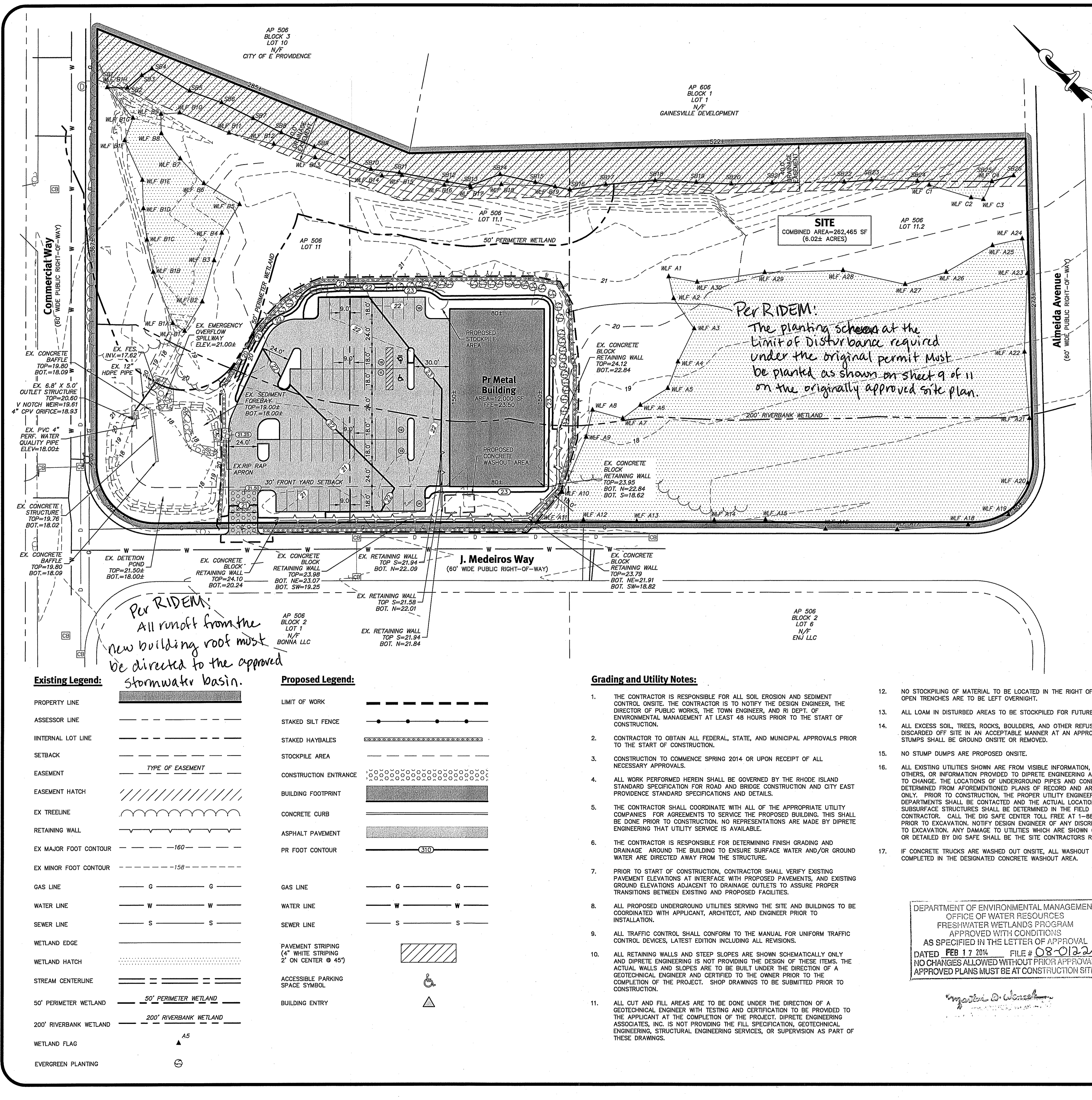
ERIC M. DRIVE
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 The contractor is responsible for all of the means, methods, safety precautions and requirements, and OSHA compliance in the implementation of this plan and design.

NO.	DATE	DESCRIPTION	BY
1	08/08/08	Permit Application	AS
2	02/17/13	Permit Approval	AS

Design By: R.B.S.

Existing Conditions Plan
Commercial Way
 Intersection of Commercial Way & J. Medeiros Way, East Providence, Rhode Island
 Assessor's Plat 506, Block 3, Lots 11, 11.1 and 11.2
PCD Realty, Inc.
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 DE Job No. 2108-001 Copyright 2013 by DiPrete Engineering Associates, Inc.



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 SOIL NAME: DESCRIPTION
 UD UDORHENTS-URBAN LAND COMPLEX

Dimensional Regulations:

CURRENT ZONING:	I3 (INDUSTRIAL)
REQUIRED MINIMUM LOT AREA:	60,000 SF
REQUIRED MINIMUM LOT WIDTH:	200'
REQUIRED MINIMUM LOT DEPTH:	250'
REQUIRED MINIMUM FRONT YARD:	30'
REQUIRED MINIMUM SIDE YARD:	20'
REQUIRED MINIMUM REAR YARD:	20'
REQUIRED MAXIMUM STRUCTURE HEIGHT:	40' (3 STORIES)
REQUIRED MAXIMUM LOT COVERAGE:	60%

Parking Regulations:

PARKING USE:	INDUSTRIAL
PARKING REQUIREMENT:	1 SPACE PER 270 SF GFA
GROSS FLOOR AREA:	150' X 80' = 12,000 SF
PARKING CALCULATION:	12,000 SF / 270 SF = 44.4 ≈ 45 SPACES
ADA PARKING REQUIRED:	2 SPACES
REQUIRED PARKING SPACES:	45 SPACES
PARKING SPACES PROVIDED:	68 SPACES (2 ADA SPACES)

Development Data:

TOTAL IMPERVIOUS PARKING AREA PREVIOUSLY USED TO DESIGN EXISTING DETENTION BASIN:	43,750± SF (1.00± ACRES)*
PROPOSED PARKING AREA:	28,175± SF (0.65± ACRES)
PROPOSED BUILDING AREA:	12,000 SF (0.27± ACRES)
TOTAL PROPOSED IMPERVIOUS AREA:	40,175± SF (0.92± ACRES)
DECREASE IN IMPERVIOUS CALCULATION:	43,750 SF - 40,175 SF = 3,575 SF (0.08± ACRES) DECREASE

ADA Notes:

- ALL IMPROVEMENTS SHALL COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)" BY THE DEPARTMENT OF JUSTICE.
- MAXIMUM RUNNING SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL SHALL BE 4.5% OR 0.045', AND MAXIMUM CROSS SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL SHALL BE 0.015'/.
- MAXIMUM SLOPE IN ALL DIRECTIONS FOR ALL ACCESSIBLE PARKING SPACES AND LOADING AREAS SHALL BE 0.015'/.
- A 5'x5' LANDING WITH A MAXIMUM SLOPE OF 1.5% OR 0.015', IN ALL DIRECTIONS SHALL BE PROVIDED IN FRONT OF ALL PUBLICLY ACCESSIBLE BUILDING ENTRANCES/EGRESSSES.
- SIDEWALK CURB RAMP STANDARDS SHALL COMPLY WITH DIPRETE ENGINEERING DETAILS THAT MEET OR EXCEED RIDOT STANDARDS 43.3.0, 43.3.1, & 43.4.1 AS SHOWN ON THE DETAIL SHEET.
- PLEASE NOTE THAT THE GRADING AND PLAN VIEWS AS WELL AS THE STANDARD DETAILS MAY NOT SHOW THE DETAIL NECESSARY TO CONSTRUCT WALKWAYS AND RAMPS TO ADA STANDARDS. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LEVEL OF CARE NECESSARY TO BE CERTAIN THAT THE CONSTRUCTED PRODUCT MEETS ADA STANDARDS. IN THE EVENT OF ANY CONFLICTS-THE CONTRACTOR SHALL NOTIFY THE DESIGNER BEFORE CONSTRUCTION FOR ADVICE IN FINDING A RESOLUTION.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
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- NO STOCKPILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
- ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
- ALL EXCESS SOIL, TREES, ROCKS, Boulders, AND OTHER REFUSE, SHALL BE DISCARDED OFF SITE IN AN ACCEPTABLE MANNER AT AN APPROVED LOCATION. STUMPS SHALL BE GROUND ONSITE OR REMOVED.
- NO STUMP DUMPS ARE PROPOSED ONSITE.
- ALL EXISTING UTILITIES SHOWN ARE FROM VISIBLE INFORMATION, DRAWINGS FROM OTHERS, OR INFORMATION PROVIDED TO DIPRETE ENGINEERING AND ARE SUBJECT TO CHANGE. THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM AFOREMENTIONED PLANS OF RECORD AND ARE APPROXIMATE ONLY. PRIOR TO CONSTRUCTION, THE PROPER UTILITY ENGINEERING DEPARTMENTS SHALL BE CONTACTED AND THE ACTUAL LOCATION OF SUBSURFACE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CALL THE DIG SAFE CENTER TOLL FREE AT 1-888-344-7233 PRIOR TO EXCAVATION. NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO EXCAVATION. ANY DAMAGE TO UTILITIES WHICH ARE SHOWN ON THE PLANS OR DETAILED BY DIG SAFE SHALL BE THE SITE CONTRACTORS RESPONSIBILITY.
- IF CONCRETE TRUCKS ARE WASHED OUT ONSITE, ALL WASHOUT MUST BE COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ONSITE. THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER, THE DIRECTOR OF PUBLIC WORKS, THE TOWN ENGINEER, AND RI DEPT. OF ENVIRONMENTAL MANAGEMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- CONSTRUCTION TO COMMENCE SPRING 2014 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
- ALL WORK PERFORMED HEREIN SHALL BE GOVERNED BY THE RHODE ISLAND STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND CITY EAST PROVIDENCE STANDARD SPECIFICATIONS AND DETAILS.
- THE CONTRACTOR SHALL COORDINATE WITH ALL OF THE APPROPRIATE UTILITY COMPANIES FOR AGREEMENTS TO SERVICE THE PROPOSED BUILDING. THIS SHALL BE DONE PRIOR TO CONSTRUCTION. NO REPRESENTATIONS ARE MADE BY DIPRETE ENGINEERING THAT UTILITY SERVICE IS AVAILABLE.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH GRADING AND DRAINAGE AROUND THE BUILDING TO ENSURE SURFACE WATER AND/OR GROUND WATER ARE DIRECTED AWAY FROM THE STRUCTURE.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS TO BE COORDINATED WITH APPLICANT, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
- ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION INCLUDING ALL REVISIONS.
- ALL RETAINING WALLS AND STEEP SLOPES ARE SHOWN SCHEMATICALLY ONLY AND DIPRETE ENGINEERING IS NOT PROVIDING THE DESIGN OF THESE ITEMS. THE ACTUAL WALLS AND SLOPES ARE TO BE BUILT UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT. SHOP DRAWINGS TO BE SUBMITTED PRIOR TO CONSTRUCTION.
- ALL CUT AND FILL AREAS ARE TO BE DONE UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER WITH TESTING AND CERTIFICATION TO BE PROVIDED TO THE APPLICANT AT THE COMPLETION OF THE PROJECT. DIPRETE ENGINEERING ASSOCIATES, INC. IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING, STRUCTURAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF THESE DRAWINGS.

Grading and Utility Notes:

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Existing Legend:

PROPERTY LINE	---
ASSESSOR LINE	---
INTERNAL LOT LINE	---
SETBACK	---
EASEMENT	--- TYPE OF EASEMENT ---
EASEMENT HATCH	///
EX TREELINE	~ ~ ~
RETAINING WALL	— — —
EX MAJOR FOOT CONTOUR	--- 160 ---
EX MINOR FOOT CONTOUR	--- 158 ---
GAS LINE	G — G
WATER LINE	W — W
SEWER LINE	S — S
WETLAND EDGE	---
WETLAND HATCH	///
STREAM CENTERLINE	---
50' PERIMETER WETLAND	--- 50' PERIMETER WETLAND ---
200' RIVERBANK WETLAND	--- 200' RIVERBANK WETLAND ---
WETLAND FLAG	▲ A5
EVERGREEN PLANTING	⊙

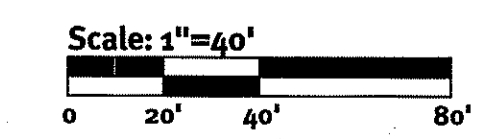
Proposed Legend:

LIMIT OF WORK	---
STAKED SILT FENCE	• • • • •
STAKED HAYBALES	~ ~ ~
STOCKPILE AREA	---
CONSTRUCTION ENTRANCE	○ ○ ○ ○ ○
BUILDING FOOTPRINT	■
CONCRETE CURB	— — —
ASPHALT PAVEMENT	■
PR FOOT CONTOUR	--- 310 ---
GAS LINE	G — G
WATER LINE	W — W
SEWER LINE	S — S
PAVEMENT STRIPING (4" WHITE STRING 2' ON CENTER @ 45')	///
ACCESSIBLE PARKING SPACE SYMBOL	♿
BUILDING ENTRY	▲

*Per RIDEM:
All runoff from the new building roof must be directed to the approved stormwater basin.*

*Per RIDEM:
The planting scheme at the limit of disturbance required under the original permit must be planted as shown on sheet 9 of 11 on the originally approved site plan.*

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



Diprete Engineering
 Two Stafford Court Cranston, RI 02920
 Tel: 401-943-1000 Fax: 401-943-6006 www.Diprete-Eng.com
 Engineers • Planners • Surveyors

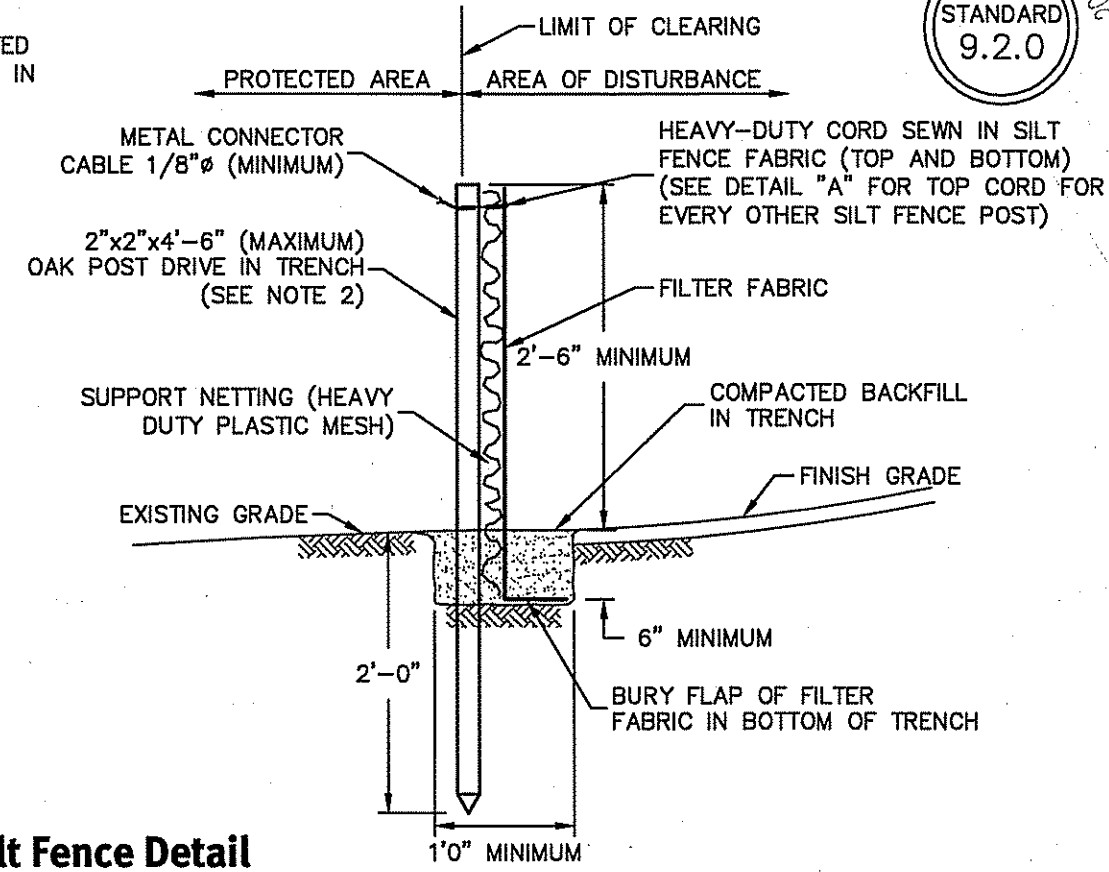
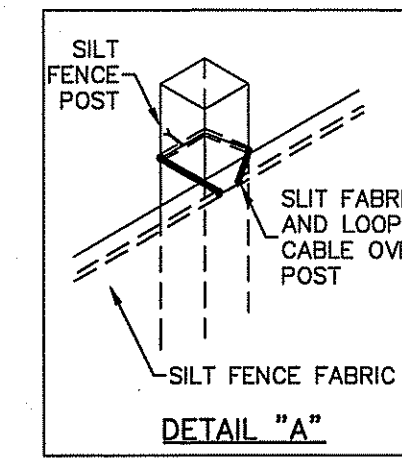
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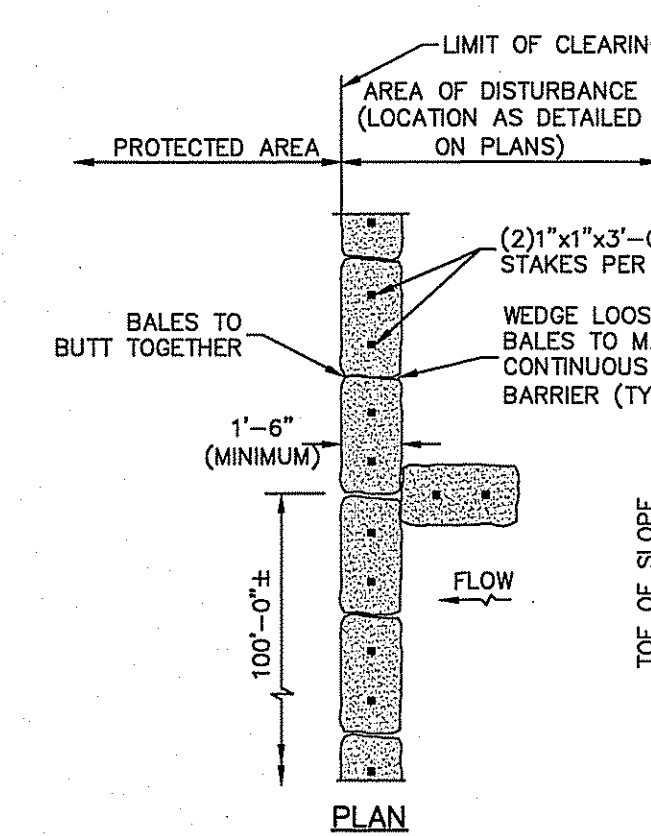
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 Applicant: **PCD Realty, Inc.**
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 DE Job No: 2108-001 Copyright © 2013 by Diprete Engineering Associates, Inc.

- NOTES:
- SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 - 2"x2"x4'-6" (MAXIMUM) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAXIMUM) O.C. IN WETLAND AREAS AND 4'-0" (MAXIMUM) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 - 1"x1"x4'-6" (MINIMUM) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 - SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



Silt Fence Detail
NOT TO SCALE

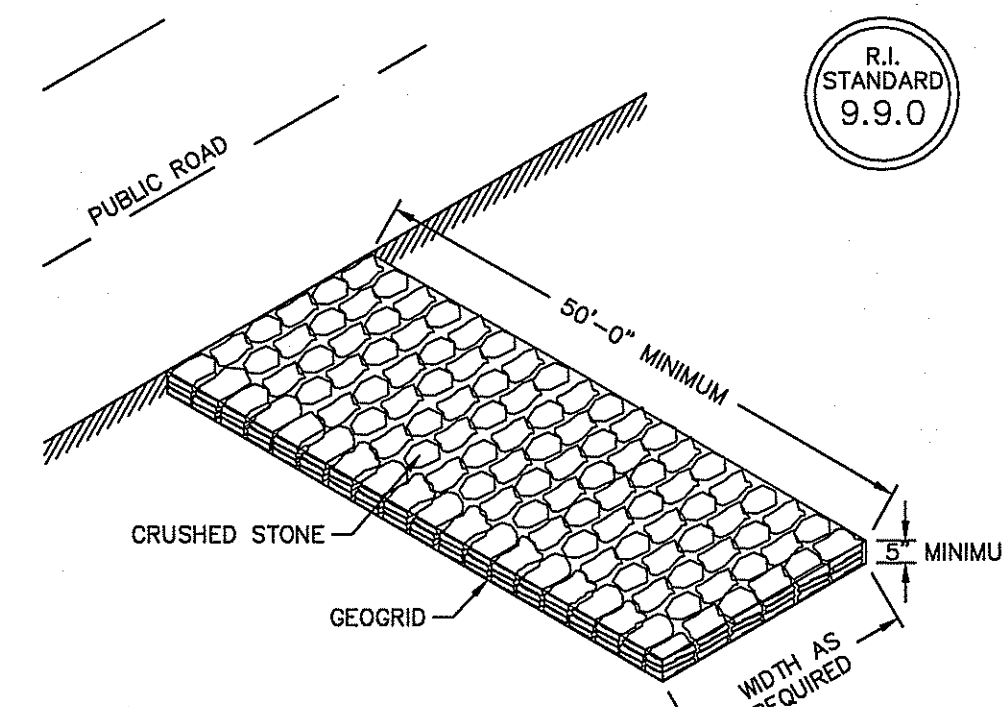
R.I. STANDARD 9.2.0



Baled Hay Erosion Check
NOT TO SCALE

R.I. STANDARD 9.1.0

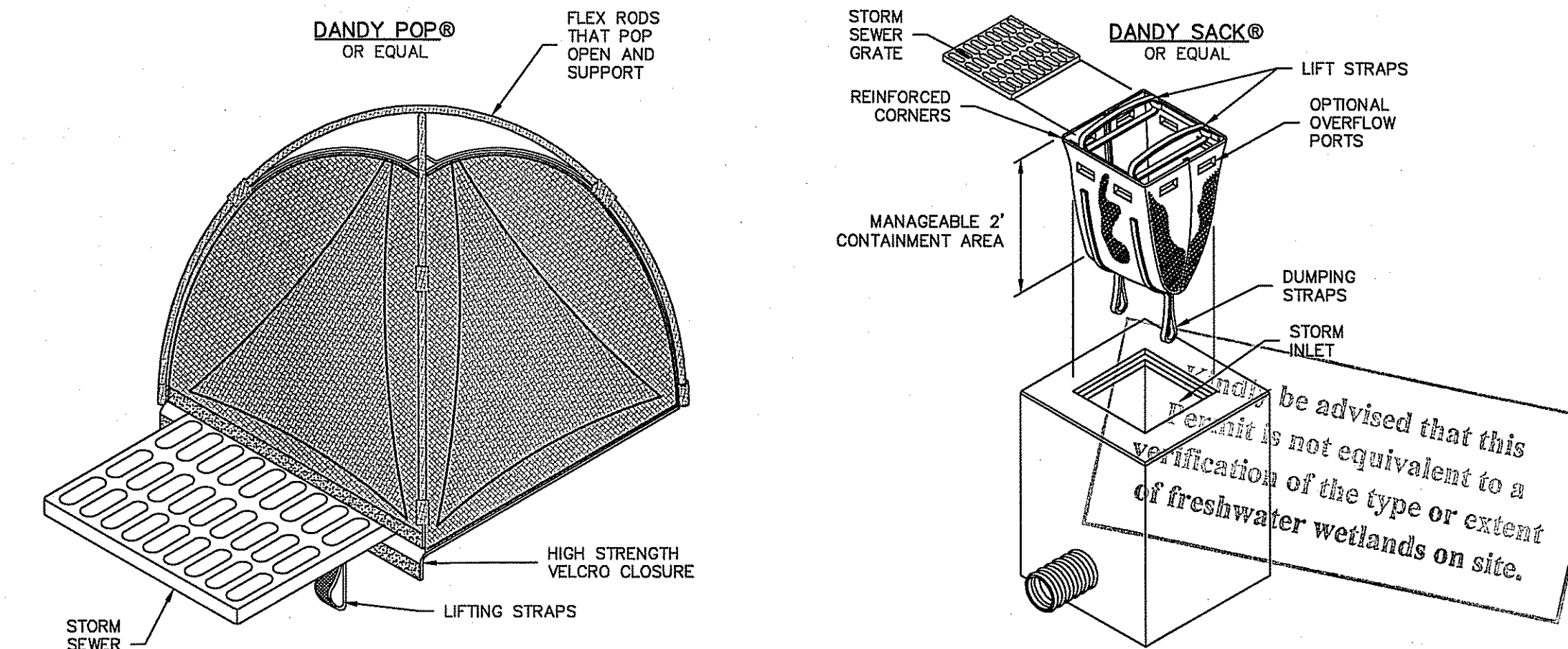
- NOTES:
- SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 - TO BE USED WHERE THE EXISTING GROUND SLOPES AWAY FROM THE HIGHWAY EMBANKMENT AS CALLED FOR ON PLANS.
 - AT APPROXIMATE 100'-0" INTERVALS A BALE OF HAY IS TO BUTT PERPENDICULARLY.



NOTE:
SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

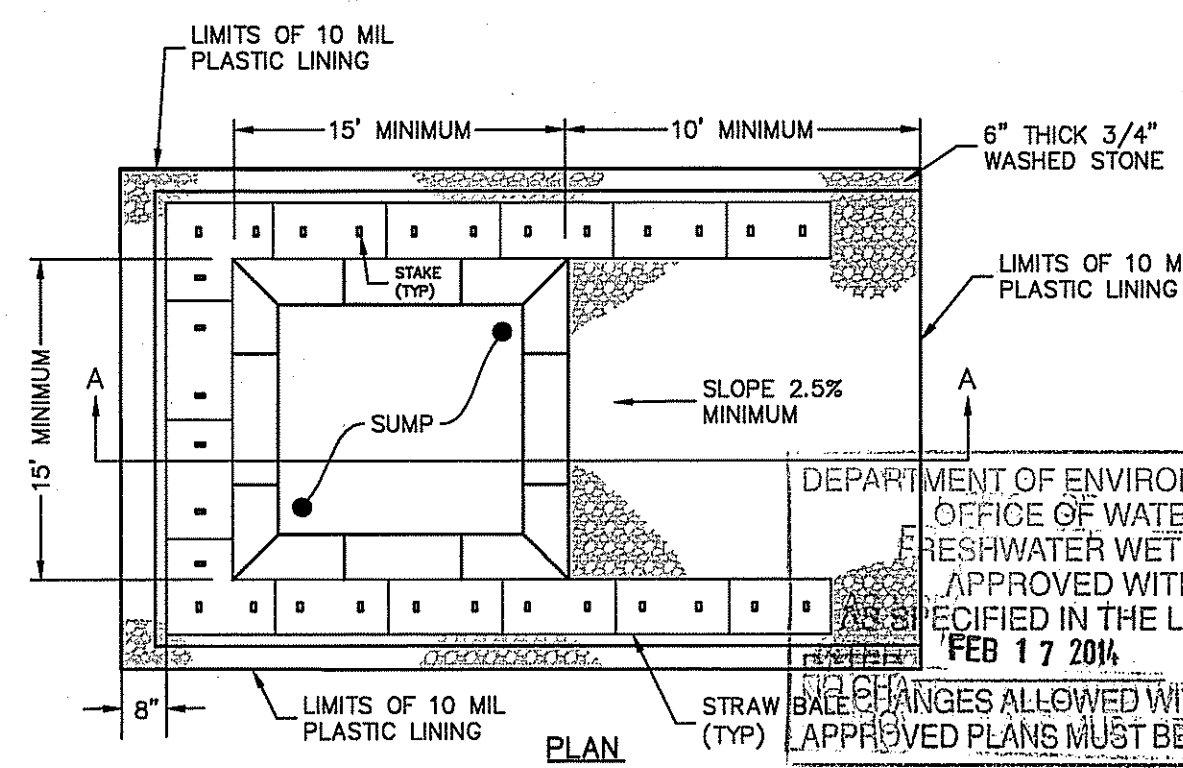
Construction Access
NOT TO SCALE

R.I. STANDARD 9.9.0

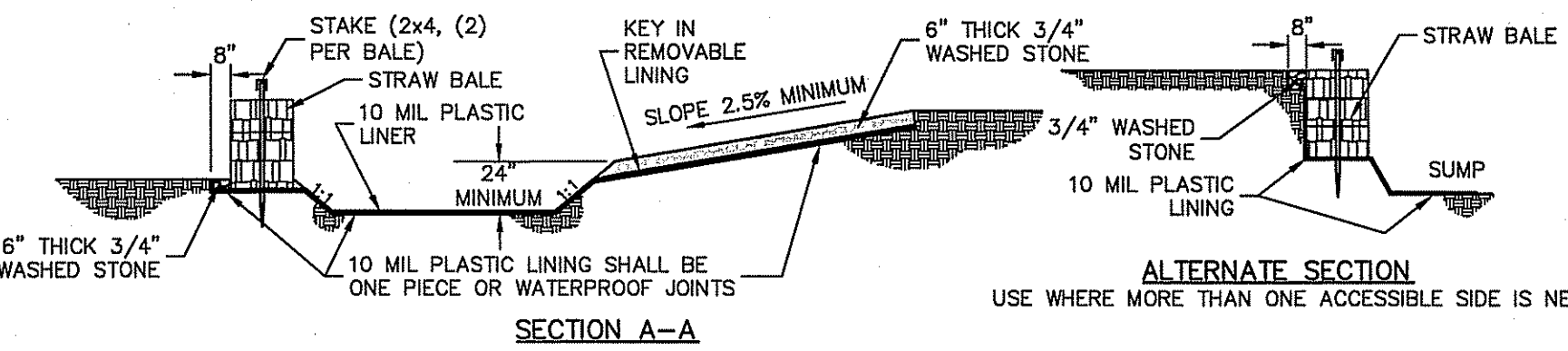


Inlet Sediment Control Devices
NOT TO SCALE

It should be advised that this permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



Concrete Washout Area
(NOT TO SCALE)



NOTES:

- PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
- WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
- FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12".
- FACILITY SHALL NOT BE FILLED BEYOND 95% CAPACITY UNLESS A NEW FACILITY IS CONSTRUCTED.
- SAWCUT PORTLAND CEMENT CONCRETE, RESIDUE FROM SAWCUT AND GRINDING TO BE DISPOSED OF IN THE PIT.
- CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, AND SURFACE WATERS.
- MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN 95% FULL CAPACITY.

Detail Sheet

Commercial Way

Intersection of Commercial Way & L. Medeiros Way, East Providence, Rhode Island
Assessor's Plat 906, Block 3, Lots 11.1.1.1 and 11.2

PCD Realty, Inc.

1 Reilly Way, East Providence, Rhode Island 02914

DE JOB No. 2108-001. Copyright 2013 by DiPrete Engineering Associates, Inc.

This regulatory submission set shall not be used for construction purposes unless stamped 'Issued for Construction' and signed by a DiPrete Engineering representative.

The contractor is responsible for all of the means, methods, safety precautions and requirements, and OSHA conformance in the implementation of this plan and design.

ERIC M. DRIVE
No. 8662
REGISTERED PROFESSIONAL ENGINEER CIVIL

DiPrete Engineering

Two Stafford Court Cranston, RI 02920
tel. 401-943-1000 fax 401-464-6006 www.DiPrete-Eng.com

Engineers • Planners • Surveyors

APPLICATION TO ALTER FRESHWATER WETLANDS SUBMISSION

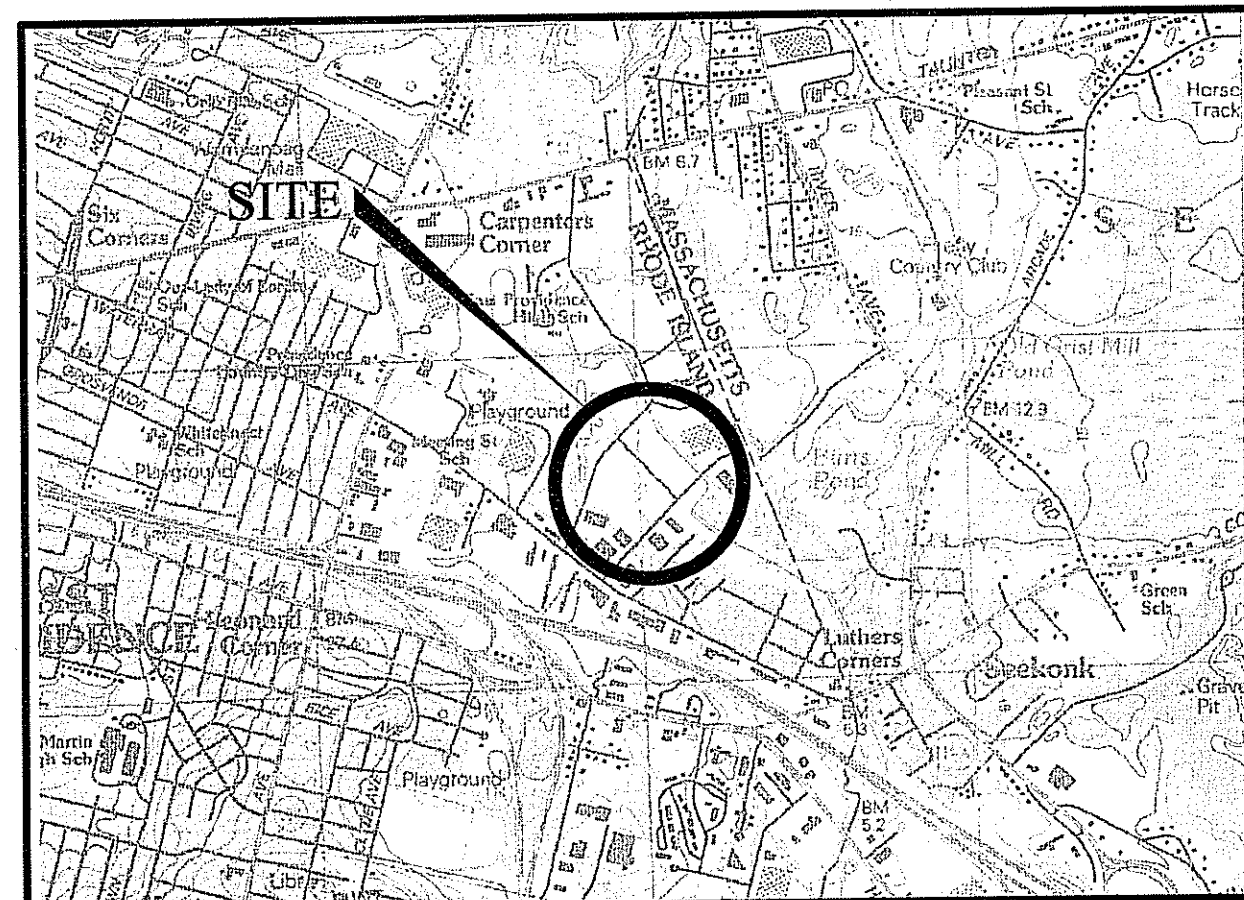
FOR

PROPOSED PARKING LOT

SITUATED ON

A.P. 506, LOTS 11, 11.1 & 11.2
J. MEDEIROS WAY
EAST PROVIDENCE, RHODE ISLAND

Kindly be advised that this
Permit is not equivalent to a
verification of the type or extent
of freshwater wetlands on site.



LOCUS MAP
NOT TO SCALE

PREPARED FOR:

J. ROBERT AND GEORGE PESCE
835 TAUNTON AVENUE
EAST PROVIDENCE, RHODE ISLAND 02914

PREPARED BY:

GAROFALO

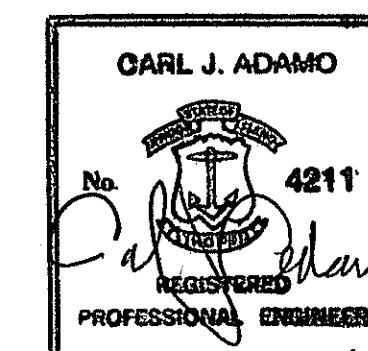
GAROFALO & ASSOCIATES, INC.
CIVIL & STRUCTURAL ENGINEERS/SURVEYORS
LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

P.O. BOX 6145
85 CORLISS STREET
PROVIDENCE, R.I. 02940
TEL. 401-273-8000

JOB NO. 6336

DATE: FEBRUARY 29, 2008

REVISED THROUGH: JULY 7, 2008



9-22-08

SHEET INDEX:

SHEET		LAST REVISED
	COVER SHEET	7/7/08
S1	EXISTING CONDITIONS PLAN	---
C1	GENERAL NOTES AND LEGEND	---
C2	PARKING LAYOUT PLAN	---
C3	GRADING AND UTILITY PLAN	7/7/08
C4	DETAIL PLAN 1	---
C5	DETAIL PLAN 2	---
C6	DETAIL PLAN 3	7/7/08
L1	LANDSCAPING PLAN & DETAILS	---
EWS1	EXISTING WATERSHED MAP	---
PWS1	PROPOSED WATERSHED MAP	---

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
FILE # 08-0122
DATED OCT 8 2008
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

RECEIVED
SEP 26 2008
OFFICE OF WATER RESOURCES



PLAN REFERENCES:

- 1) ALMEIDA INDUSTRIAL PARK IN EAST PROVIDENCE, RHODE ISLAND FOR ANTONIO ALMEIDA ESTATE BY STANLEY ENGINEERING, INC., SCALE: 1"=100', DATED OCTOBER, 1963, P.C. NO. 329.
- 2) PLAN OF LAND IN EAST PROVIDENCE, RHODE ISLAND FOR LEHIGH REALTY ASSOCIATES, PREPARED BY MARK W. HUTCHINS & ASSOCIATES, INC., SCALE: 1"=40', DATED JULY, 1968.

ZONE I-3

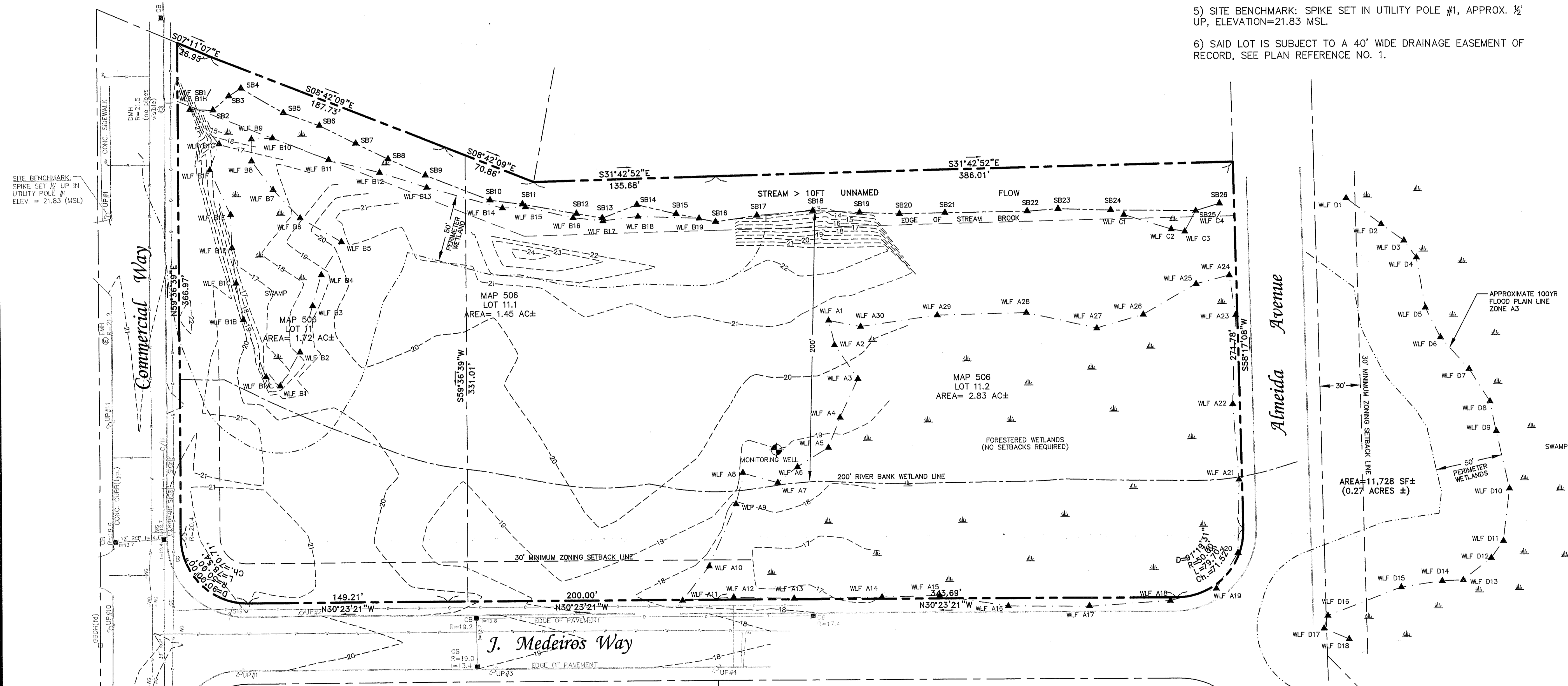
MINIMUM AREA=60,000 S.F.
 MINIMUM WIDTH= 200'
 MINIMUM DEPTH=250'
 SETBACKS:
 FRONT=30'
 SIDE=20'
 REAR=20'
 MAX. BUILDING COVERAGE= 60%

GENERAL NOTES:

- 1) THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. (PLEASE CONTACT DIGSAFE PRIOR TO CONSTRUCTION @ 1-888-344-7233)
- 2) WETLAND FLAGS WERE DELINEATED BY NATURAL RESOURCE SERVICES INC. ON APRIL 20, 2006 AND LOCATED BY GAROFALO AND ASSOCIATES APRIL 21, 2006.
- 3) SUBJECT PARCEL IS IN ZONE C, (AREA OF MINIMAL FLOODING) AS DESIGNATED ON FLOOD INSURANCE RATE MAP (FIRM) IN THE TOWN OF EAST PROVIDENCE, RHODE ISLAND, PANEL 3 OF 8 OF COMMUNITY PANEL NUMBER 445398 0003C JUNE 1, 1983.
- 4) PROJECT BENCHMARK: RIBM #460, ELEVATION=26.31 MSL.
- 5) SITE BENCHMARK: SPIKE SET IN UTILITY POLE #1, APPROX. 1/2 UP, ELEVATION=21.83 MSL.
- 6) SAID LOT IS SUBJECT TO A 40' WIDE DRAINAGE EASEMENT OF RECORD, SEE PLAN REFERENCE NO. 1.

EXISTING CONDITIONS PLAN
 FOR
 A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
 J. MEDEIROS WAY
 EAST PROVIDENCE, RI
 PREPARED FOR
 J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE

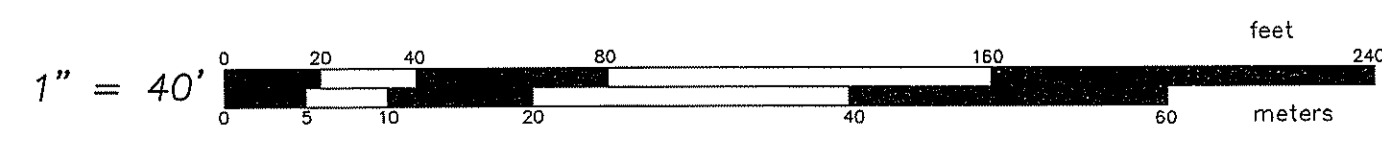


SITE BENCHMARK:
 SPIKE SET 1/2 UP IN
 UTILITY POLE #1
 ELEV. = 21.83 (MSL)

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED OCT 3 2008 FILE # 08-0132
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

Magdalena D. Weneck

Kindly be advised that this
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 of freshwater wetlands on site.



GAROFALO
 GAROFALO & ASSOCIATES, INC.
 CIVIL & STRUCTURAL ENGINEERS/SURVEYORS
 LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

88 CORLISS STREET
 P.O. BOX 6145
 PROVIDENCE, R.I. 02940
 TEL. 401-273-6000

JOB NO. 6336-00
 DWG. NO. RIDEM SUBMISSION
 SCALE: 1"=40'
 DRAWN BY S.L.C.
 CHECKED S.A.W.
 APPROVED S.A.W.
 DATE: FEB. 29, 2008

SHEET

 2 OF 11 SHEETS

L:\6336-00 J. Medeiros Way, E. Providence\01-Corriass\6336 - RIDEM SUBMISSION - 12-28-07.dwg, 3/20/08 4:10:36 PM, rdhman

GRADING & DRAINAGE NOTES

1. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
2. MAXIMUM SLOPE OF EMBANKMENT SHALL BE 2.0 FEET HORIZONTAL TO 1.0 FOOT VERTICAL, OR PER APPLICABLE JURISDICTIONAL REGULATIONS.
3. PROPOSED CONTOURS ARE TO FINISHED GRADE.
4. THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
5. THE CONTRACTOR SHALL PROVIDE ANY AND ALL EXCAVATION AND MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
6. SOILS TESTING AND ON-SITE INSPECTION SHALL BE PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. THE SOILS ENGINEER SHALL PROVIDE COPIES OF TEST REPORTS TO THE CONTRACTOR, THE OWNER AND THE OWNER'S REPRESENTATIVE AND SHALL PROMPTLY NOTIFY THE OWNER, HIS REPRESENTATIVE AND THE CONTRACTOR SHOULD WORK PERFORMED BY THE CONTRACTOR FAIL TO MEET THESE SPECIFICATIONS.

SITE NOTES

1. ALL CONCRETE SHALL BE CLASS A, 3,000 PSI AT 28 DAYS COMPRESSIVE STRENGTH WITH A MAXIMUM SLUMP OF 4" UNLESS NOTED OTHERWISE. ALL EXPOSED CONCRETE TO HAVE A FINE BROOM FINISH.
2. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER.
3. ALL DIMENSIONS ARE TO FACE OF CURB AND FACE OF BUILDING OR AS NOTED.
4. NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC, SHALL BE PROVIDED AND MAINTAINED THROUGHOUT THE CONSTRUCTION.
5. RAMPS SHALL BE PROVIDED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB OR IS PART OF AN ACCESSIBLE ROUTE THAT HAS A SLOPE OF 1:20 OR GREATER. THE RAMP SHALL HAVE A MINIMUM WIDTH OF 36 INCHES CLEAR EXCLUSIVE OF FLARED SIDES AND A MAXIMUM SLOPE OF 12 INCHES OF RUN FOR EVERY 1 INCH OF LIFT. IF THE RAMP HAS 72 INCHES OF RUN THERE SHALL BE A HANDRAIL ON BOTH SIDES OF THE RAMP. A MAXIMUM OF 36 INCHES APART. THE MAXIMUM HEIGHT OF HANDRAILS FROM FINISH SURFACE TO TOP OF HANDRAIL SHALL NOT EXCEED 34 INCHES.
6. SIDEWALK CONSTRUCTION SHOWN IN THESE PLANS SHALL MEET ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT OF JULY 1991 TITLE II, TITLE III, AND ANY STATE, COUNTY LOCAL OR OTHER APPLICABLE LAWS.

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. DISTURBANCE OF SOIL SURFACES IS REGULATED BY STATE LAW. ALL WORK SHALL COMPLY WITH THE CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF EAST PROVIDENCE, AND THE RHODE ISLAND SOIL EROSION CONTROL HANDBOOK.
2. THE EROSION CONTROL MEASURES SHOWN AND DETAILED ON THESE PLANS SHOULD BE CONSIDERED THE MINIMAL ACCEPTABLE STANDARDS FOR THE PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, ALLAY DUST, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT THE SITE AND ALL ADJACENT PROPERTIES ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
3. ALL SILT FENCING SHALL BE PROPERLY SUPPORTED BY STURDY STAKES AND WIRE FENCING AND TOED INTO EXISTING SUBSTRATE SOILS. HAY BALES SHALL BE TOED TO EXISTING SUBSTRATE SOILS AND STABILIZED WITH STURDY STAKES (TWO PER HAY BALE).
4. ALL DISTURBED AREAS NOT COVERED BY BUILDING, PAVEMENT OR OTHER GROUND COVER SHALL BE PLANTED WITH GRASS ON FOUR INCH (4") THICKNESS OF TOPSOIL. IF SEEDING CANNOT BE COMPLETED IMMEDIATELY, DISTURBED AREAS SHALL BE STABILIZED WITH A SPREAD HAY MULCH (APPROPRIATELY ANCHORED) OR EXCELSIOR EROSION CONTROL MATTING.
5. ANY EXCAVATIONS WITHIN GROUNDWATER REQUIRING DEWATERING SHALL BE PUMPED AND DISCHARGED INTO A TEMPORARY SALUTATION BASIN WITHIN THE APPROVED PROJECT LIMITS OF DISTURBANCE. BASIN SHALL BE CONSTRUCTED OF SILT FENCING WITH A MINIMUM OF TWO ROWS OF HAY BALES ALL AROUND.
6. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EVERY SIGNIFICANT RAINFALL FOR PROPER FUNCTIONING. MAINTENANCE AND REPLACEMENT SHALL BE THE RESPONSIBILITY OF OF THE CONTRACTOR.
7. ADDITIONAL EROSION CONTROL MEASURES OR SILT BARRIERS TO BE PLACED AS DIRECTED BY THE PROJECT ENGINEER AND/OR LOCAL JURISDICTIONAL INSPECTOR.
8. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
9. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED, OR A PERIOD OF TWO YEARS.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM REQUIRED MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL DEVICES TO ENSURE THEIR FUNCTION AT ALL TIMES.

GENERAL CONSTRUCTION NOTES:

1. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE. DEVIATIONS OR CHANGES WILL NOT BE ALLOWED UNLESS APPROVED BY THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT THE CITY (DPW) AND STATE (RIDEM) PRIOR TO SCHEDULING CONSTRUCTION AND TO OBTAIN ANY CONSTRUCTION PERMITS SPECIFIC TO THEIR WORK.
2. THE CONTRACTOR SHALL VERIFY THE PROPOSED LAYOUT WITH ITS RELATIONSHIP TO THE EXISTING SITE SURVEY. THE CONTRACTOR SHALL ALSO VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
3. METHODS AND MATERIALS USED IN THE CONSTRUCTION OF IMPROVEMENTS FOR THIS PROJECT SHALL CONFORM TO THE CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF EAST PROVIDENCE AND THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION.
4. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE ANY EXISTING UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO VERIFY ALL DIMENSIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
5. CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATION OR BLASTING AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS, PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION. ALL WATER, GAS, SEWER AND OTHER UTILITIES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING, WITH MATCHING MATERIALS, ANY PAVEMENT, DRIVEWAYS, WALKS, WALLS, CURBS, ETC., THAT MUST BE CUT OR THAT ARE DAMAGED DURING CONSTRUCTION.
7. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM "THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER."
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS; HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 3 2008 FILE # 08-0127
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

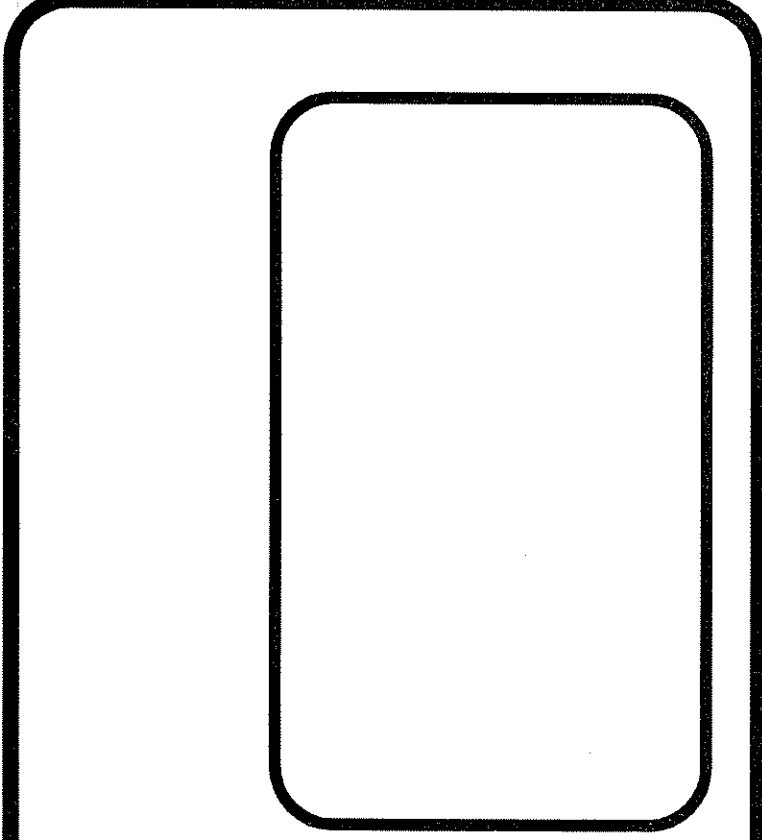
Emmett D. Wencel

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

LEGEND (not to scale)		
EXISTING	DESCRIPTION	PROPOSED
---	LOCUS PROPERTY LINE	---
-x-	CHAIN LINK FENCE	-x-
-o-	STOCKADE FENCE	-o-
-61-	CONTOUR LINE	-61-
-w-	WATER MAINS	-w-
⊙	SEWER	⊙
-E-	ELECTRIC/TELEPHONE/CABLE	-E/T/C-
-g-	GAS MAIN	-g-
-OHW-	OVERHEAD WIRE	-OHW-
⊙	SEWER/RAIN MANHOLE	⊙
⊙	ELECTRIC MANHOLE	⊙
⊙	ELECTRIC HANDHOLE	⊙
⊙	LIGHT POLE	⊙
⊙	WATER GATE	⊙
⊙	GAS GATE	⊙
⊙	FIRE HYDRANT	⊙
⊙	UTILITY POLE	⊙
X 58.81	SPOT GRADE	X 65.6
60.44c	TOP OF CURB	TC=64.5
59.35bc	BOTTOM OF CURB	BC=62.7
60.40tw	TOP OF WALL	TW=58.8
59.32bw	BOTTOM OF WALL	BW=52.4
GC	GRANITE CURB	GC
BCC	BIT. CONCRETE CURB	BCC
⊙	DRILL HOLE	⊙
⊙	NAIL	⊙
⊙	GRANITE BOUND	⊙
(fnd)	FOUND	

GENERAL NOTES AND LEGEND
FOR
A.P. 506 LOTS 11, 11.1 & 11.2
SITUATED ON
J. MEDEIROS WAY
EAST PROVIDENCE, RI
PREPARED FOR
J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE



GAROFALO
GAROFALO & ASSOCIATES, INC.
CIVIL & STRUCTURAL ENGINEERS/SURVEYORS
LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

85 CORLISS STREET
P.O. BOX 6145
PROVIDENCE, R.I. 02940
TEL. 401-275-6000

JOB NO. 6336-00
DWG. NO. RIDEM SUBMISSION
SCALE: 1"=40'
DRAWN BY S.L.C.
CHECKED R.P.H.
APPROVED S.B.G.
DATE: FEB. 29, 2008

SHEET
C1
SEP 26 2008
3 OF 11 SHEETS

L:\0316-001.J.Medeiros.Way.E.Prom.Avg.01.Cmnet\0316 RIDEM SUBMISSION-12.28.07.Avg.24.05.2008 9:26:45 AM.plm



PLAN REFERENCES:

- 1) ALMEIDA INDUSTRIAL PARK IN EAST PROVIDENCE, RHODE ISLAND FOR ANTONIO ALMEIDA ESTATE BY STANLEY ENGINEERING, INC., SCALE: 1"=100', DATED OCTOBER, 1963, P.C. NO. 329.
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ZONE I-3

MINIMUM AREA=60,000 S.F.
 MINIMUM WIDTH= 200'
 MINIMUM DEPTH=250'
 SETBACKS:
 FRONT=30'
 SIDE=20'
 REAR=20'
 MAX. BUILDING COVERAGE= 60%

TOTAL PROPOSED PARKING=137 SPACES

GENERAL NOTES:

- 1) THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. (PLEASE CONTACT DIGSAFE PRIOR TO CONSTRUCTION @ 1-888-344-7233)
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- 4) PROJECT BENCHMARK: RIBM #460, ELEVATION=26.31 MSL.
- 5) SITE BENCHMARK: SPIKE SET IN UTILITY POLE #1, APPROX. 1/2' UP, ELEVATION=21.83 MSL.
- 6) SAID LOT IS SUBJECT TO A 40' WIDE DRAINAGE EASEMENT OF RECORD, SEE PLAN REFERENCE NO. 1.

PARKING LAYOUT PLAN

FOR A.P. 506 LOTS 11, 11.1 & 11.2

SITUATED ON

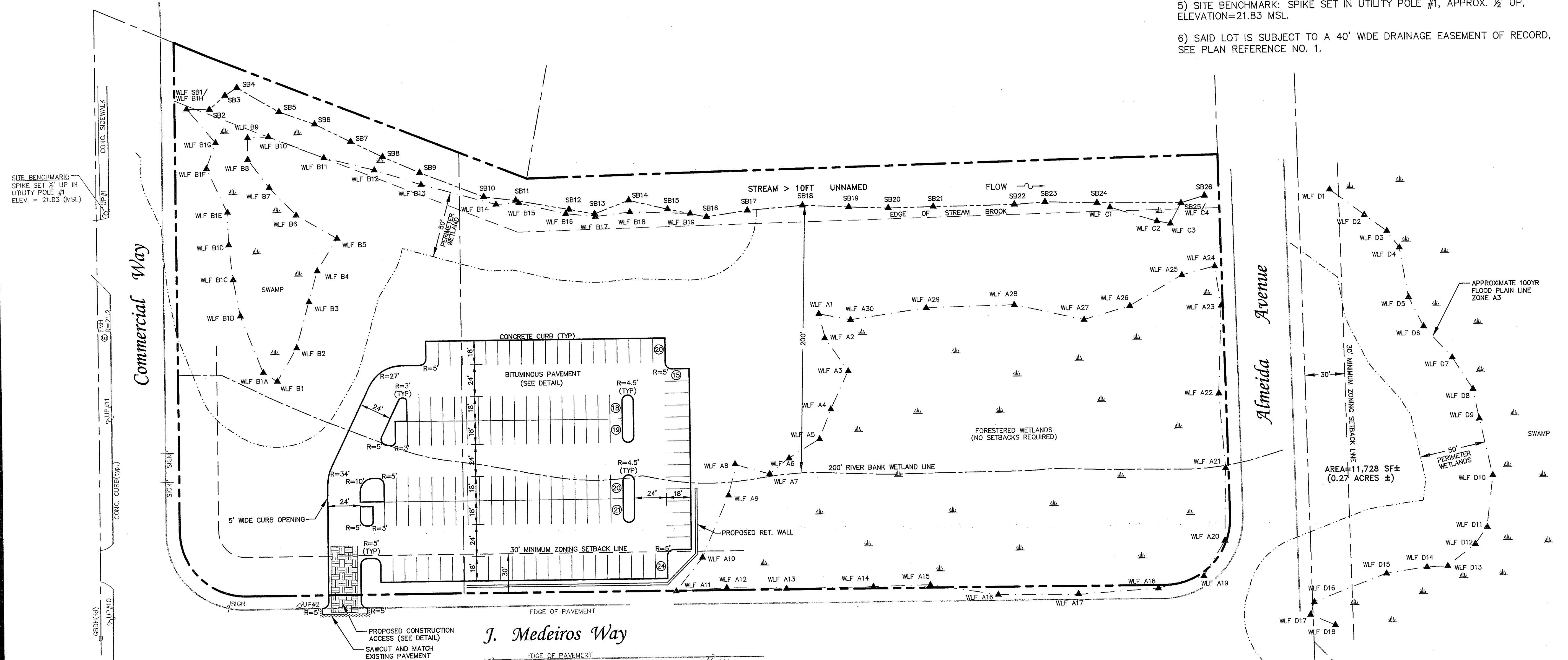
J. MEDEIROS WAY

EAST PROVIDENCE, RI

PREPARED FOR

J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE



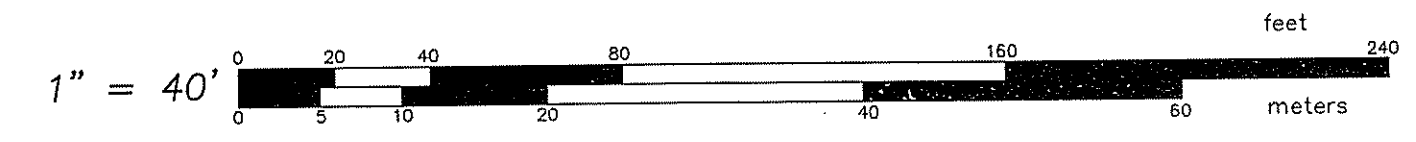
SITE BENCHMARK: SPIKE SET 1/2' UP IN UTILITY POLE #1 ELEV. = 21.83 (MSL)

SCREENING VEGETATION KEY:
 TO=THUJA OCCIDENTALIS (NO. WHITE CEDAR)
 RM=RHODODENDRON MAXIMUM (ROSEBAY RHODODENDRON)
 PLANTED 8' O.C.
 PLANTING SIZE 4/5'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED OCT 3 2008 FILE # 08-0122
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

Ernest D. Wencel

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



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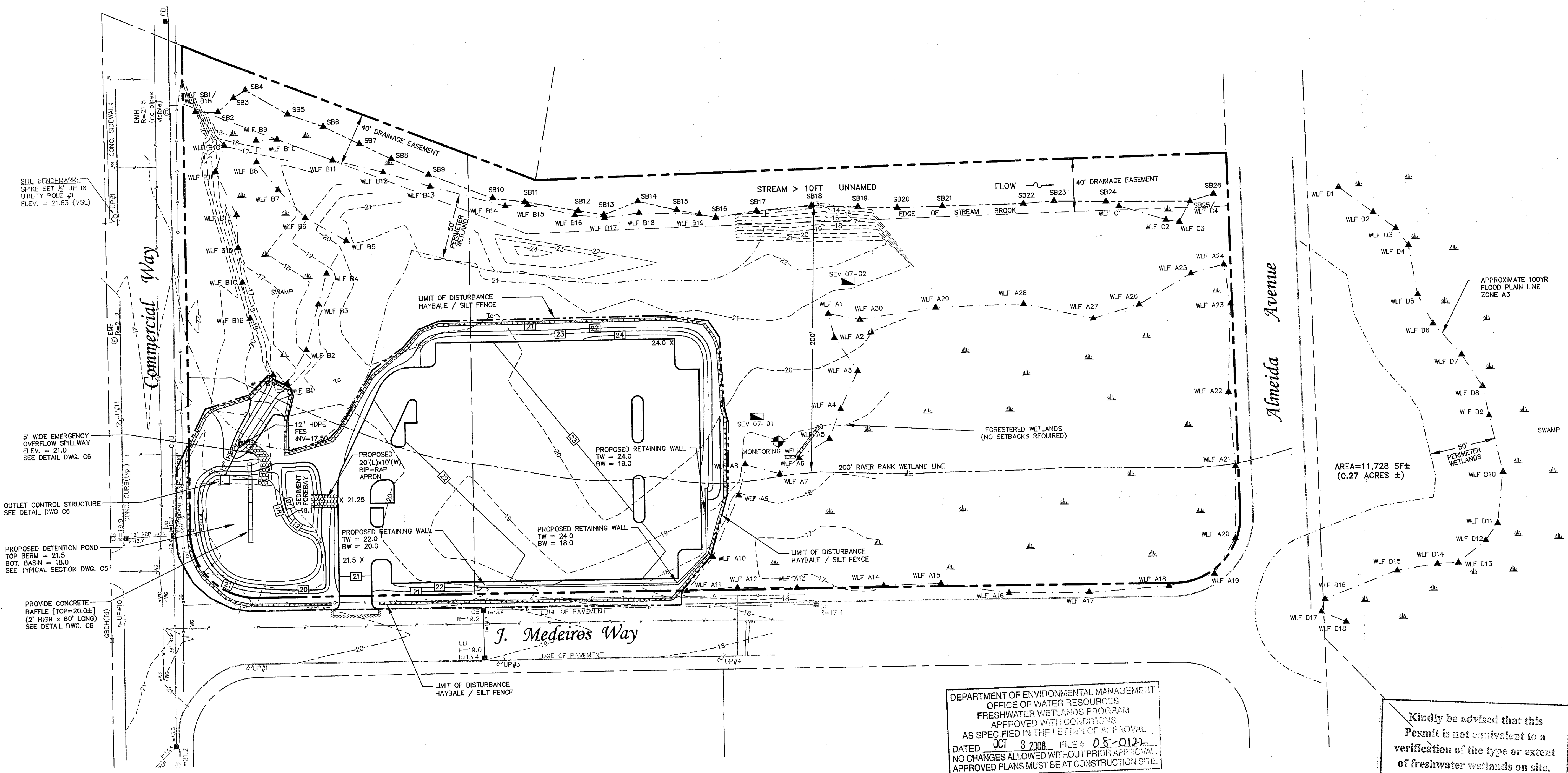
85 CORLISS STREET
 P.O. BOX 6145
 PROVIDENCE, R.I. 02940
 TEL. 401-273-6000

JOB NO. 6336-00	DRAWN BY S.L.C.
DWG. NO. RIDEM SUBMISSION	CHECKED R.P.H.
SCALE: 1"=40'	APPROVED S.B.G.
DATE: FEB. 29, 2008	DATE: FEB. 29, 2008

SHEET SEP 28 2008

C2

L:\6336-00 J. Medeiros Way, E. Providence, RI - Comm\6336 - RIDEM SUBMISSION - 12.28.07.dwg, 3/25/2008 9:32:25 AM, pdt.rta



SITE BENCHMARK SPIKE SET 1/2 UP IN UTILITY POLE #1 ELEV. = 21.83 (MSL)

5' WIDE EMERGENCY OVERFLOW SPILLWAY ELEV. = 21.0 SEE DETAIL DWG. C6

OUTLET CONTROL STRUCTURE SEE DETAIL DWG. C6

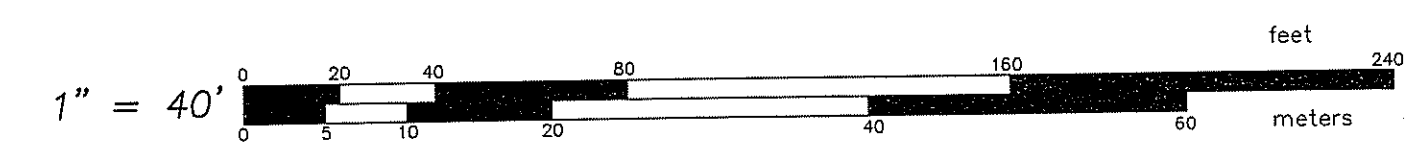
PROPOSED DETENTION POND TOP BERM = 21.5 BOT. BASIN = 18.0 SEE TYPICAL SECTION DWG. C5

PROVIDE CONCRETE BAFFLE [TOP=20.0] 2' HIGH x 60' LONG SEE DETAIL DWG. C6

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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Matthew D. Wencel

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GRADING AND UTILITY PLAN
FOR
A.P. 506 LOTS 11, 11.1 & 11.2
SITUATED ON
J. MEDEIROS WAY
EAST PROVIDENCE, RI
PREPARED FOR
J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE
1.	DEM COMMENTS	MNB	7/7/08

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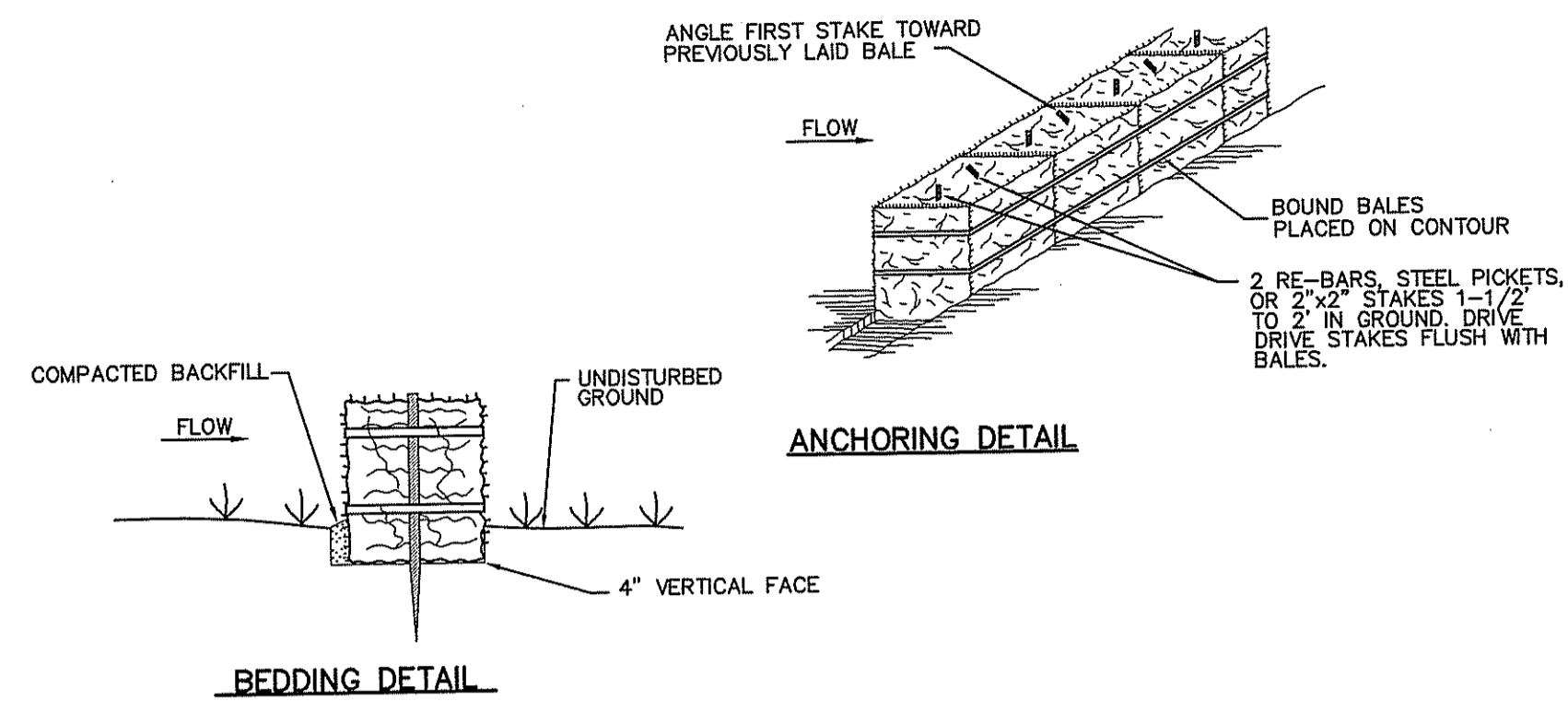
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SHEET

SEP 2 2008

C3

5 OF 11 SHEETS

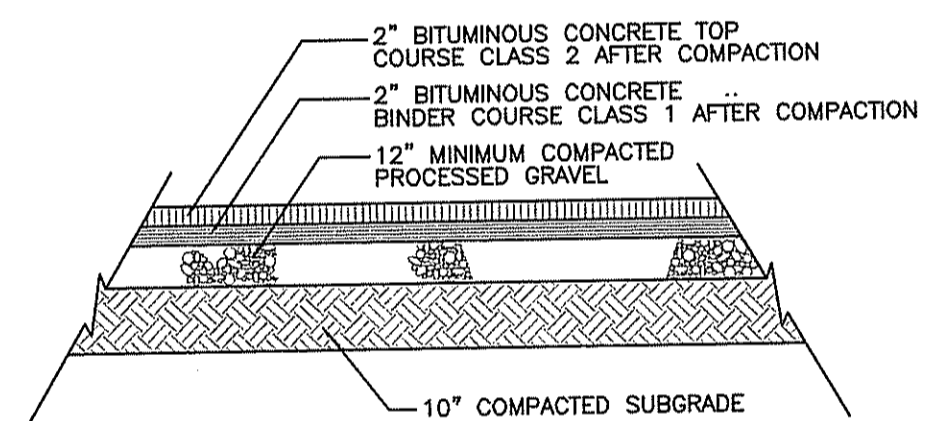


ANCHORING DETAIL

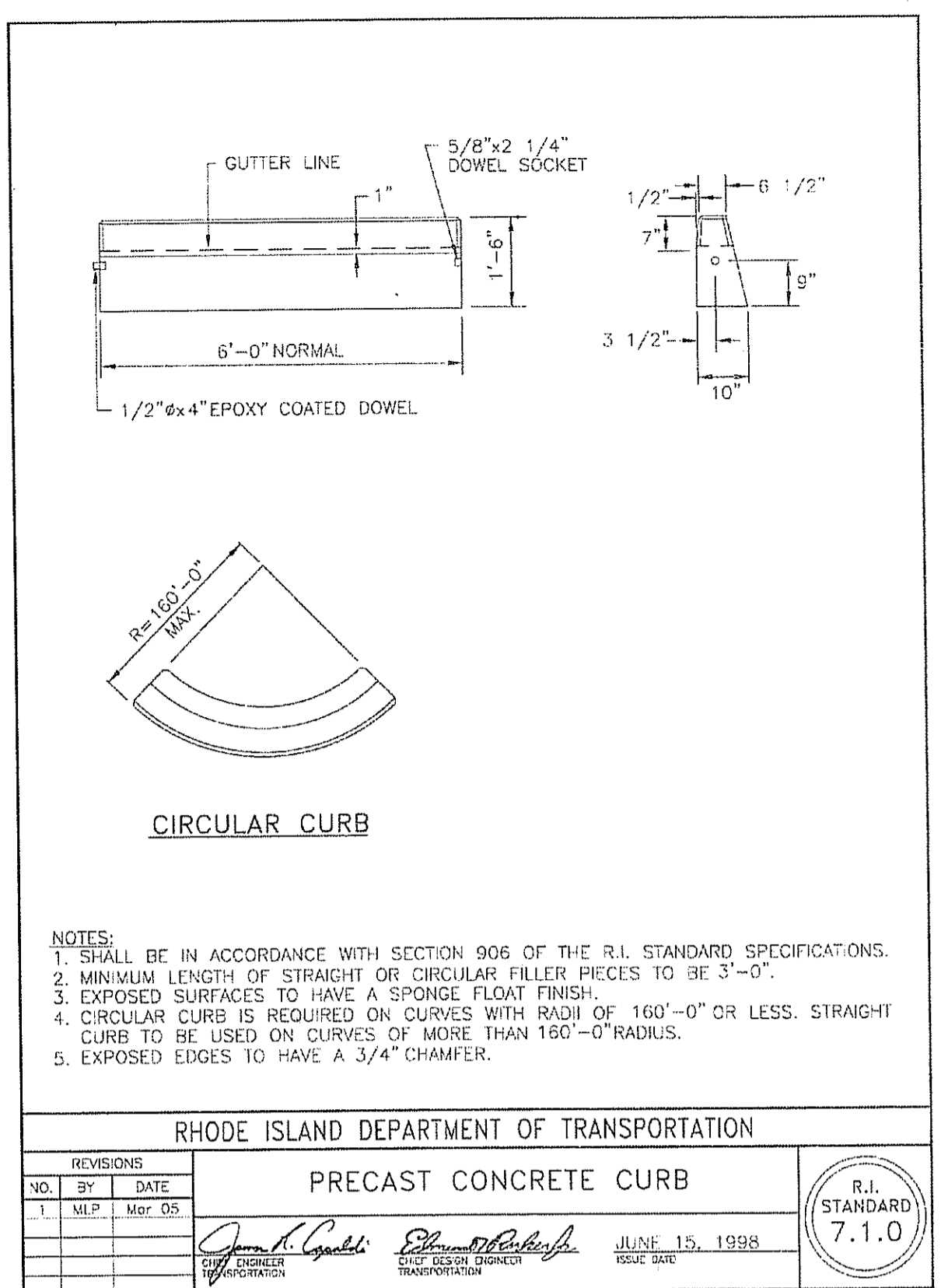
- CONSTRUCTION SPECIFICATIONS**
- BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR, AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 - EACH BALE SHALL BE EMBEDDED IN THE SOIL, A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
 - BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE, AT AN ANGLE, TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
 - INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. REMOVE ACCUMULATED SEDIMENT PROMPTLY.
 - BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAW BALE BARRIER DETAIL

NOT TO SCALE



BEDDING DETAIL



DETAIL PLAN 1

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 RADIUS 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.

REVISIONS			
NO.	BY	DATE	
1	MJP	SEP 05	

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PRECAST CONCRETE CURB

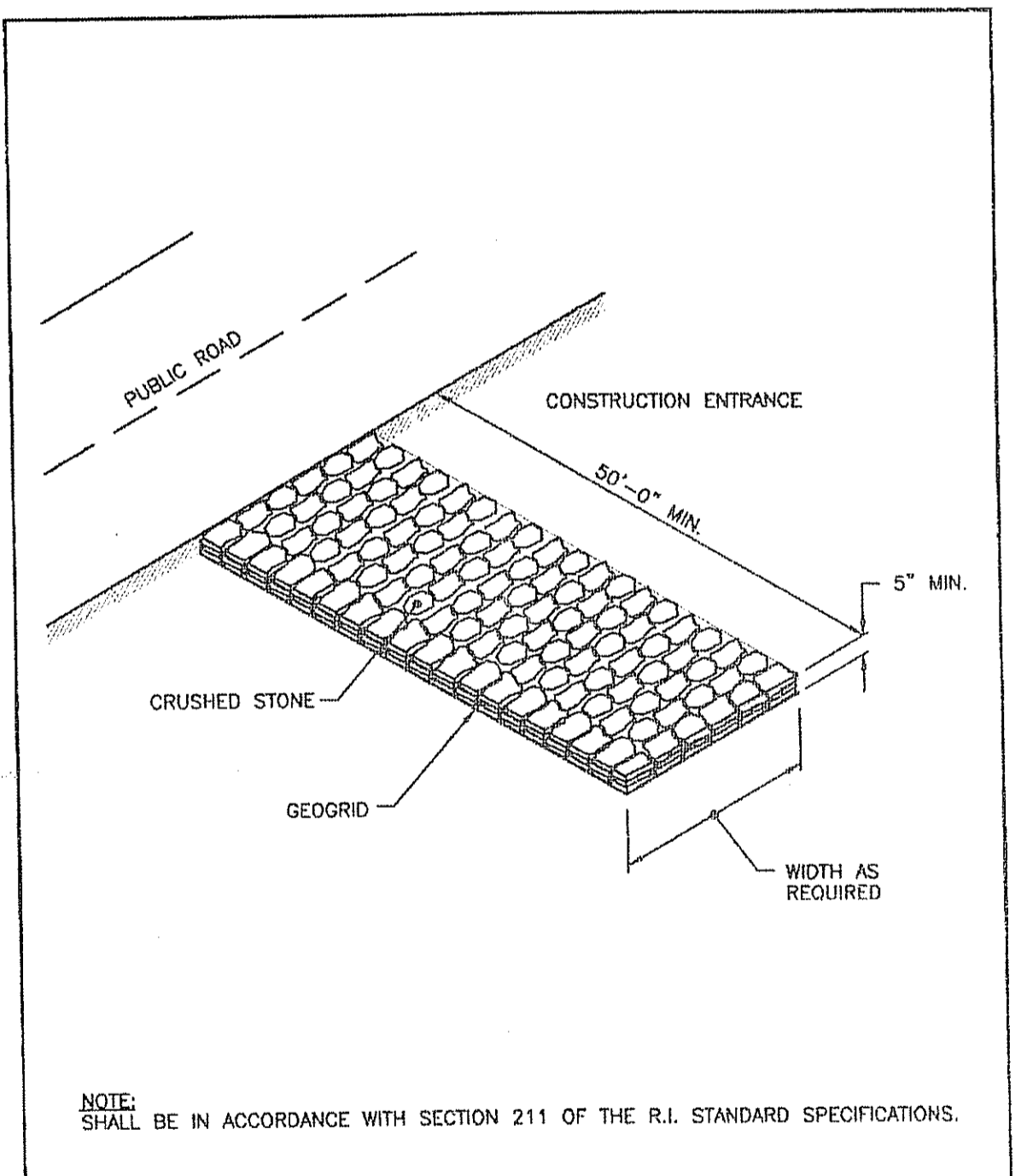
June 15, 1998
 R.I. STANDARD 7.1.0

BITUMINOUS STANDARD CONCRETE PAVEMENT DETAIL

NOT TO SCALE



BITUMINOUS STANDARD CONCRETE PAVEMENT DETAIL



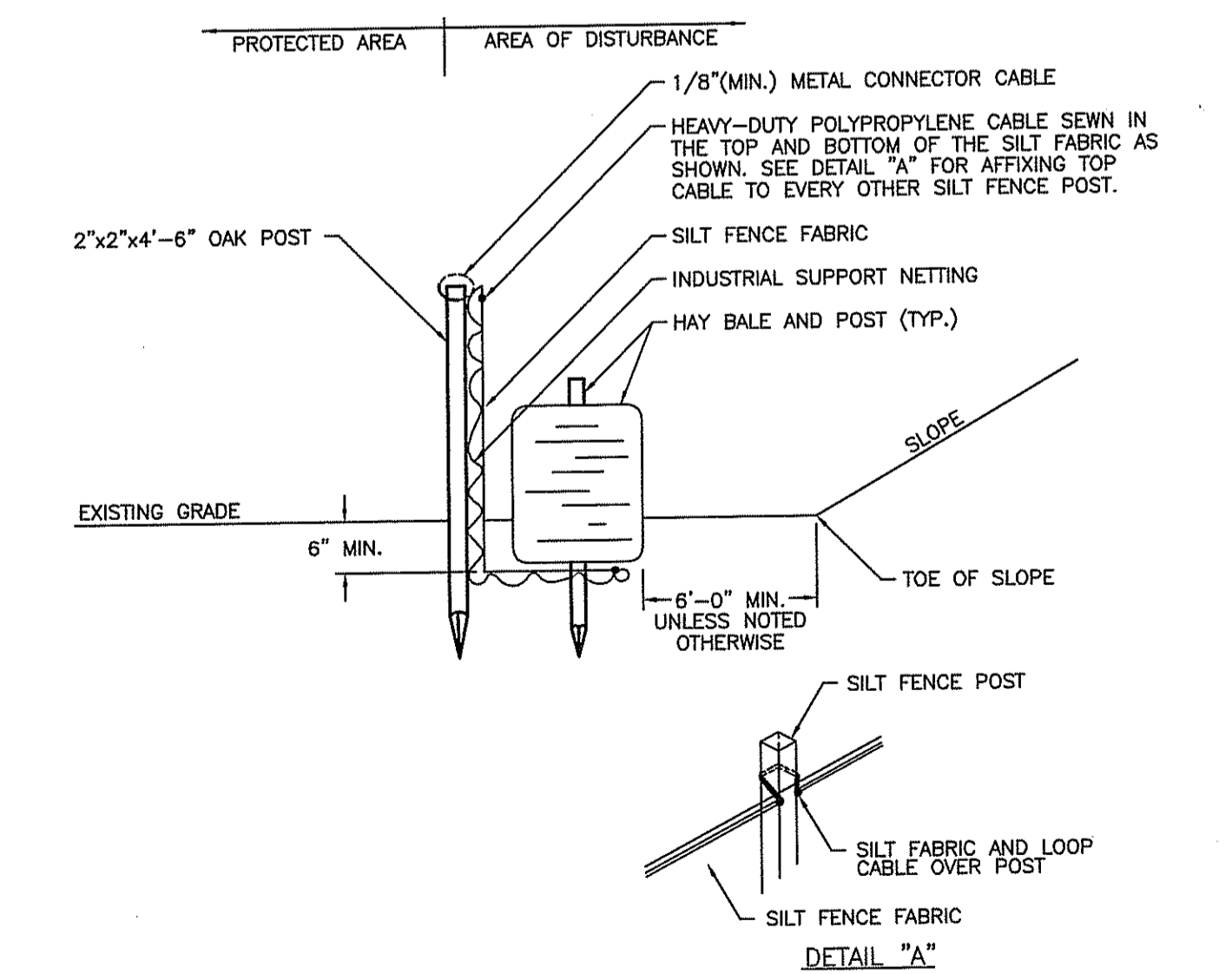
CONSTRUCTION ACCESS

NOTE:
 SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

REVISIONS			
NO.	BY	DATE	

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
CONSTRUCTION ACCESS

June 15, 1998
 R.I. STANDARD 9.9.0



SILT FENCE WITH HAY BALE

- NOTES:**
- HAY BALES ARE TO BE PLACED WITHIN A 6" MIN. TRENCH AND INSTALLED "TIGHT" AGAINST THE SILT FENCE.
 - THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO THE TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICES.
 - SILT FENCE FABRIC SHALL NOT BE SLIT AND THE HAY BALE POSTS ARE TO BE DRIVEN THROUGH THE SILT FENCE FABRIC.
 - 2"x2"x4'-6" OAK POSTS FOR THE SILT FENCE SHALL BE LOCATED ON 8'-0" (MAX.) CENTERS IN A WETLAND AREA AND 4'-0" (MAX.) CENTERS IN A WETLAND REVINE, GULLY AND/OR A DROP-OFF AREA AS SHOWN ON THE PLANS.

NOT TO SCALE

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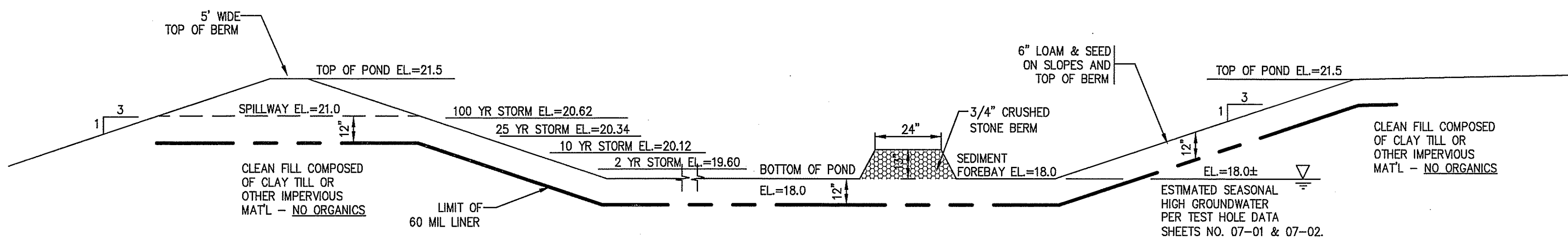
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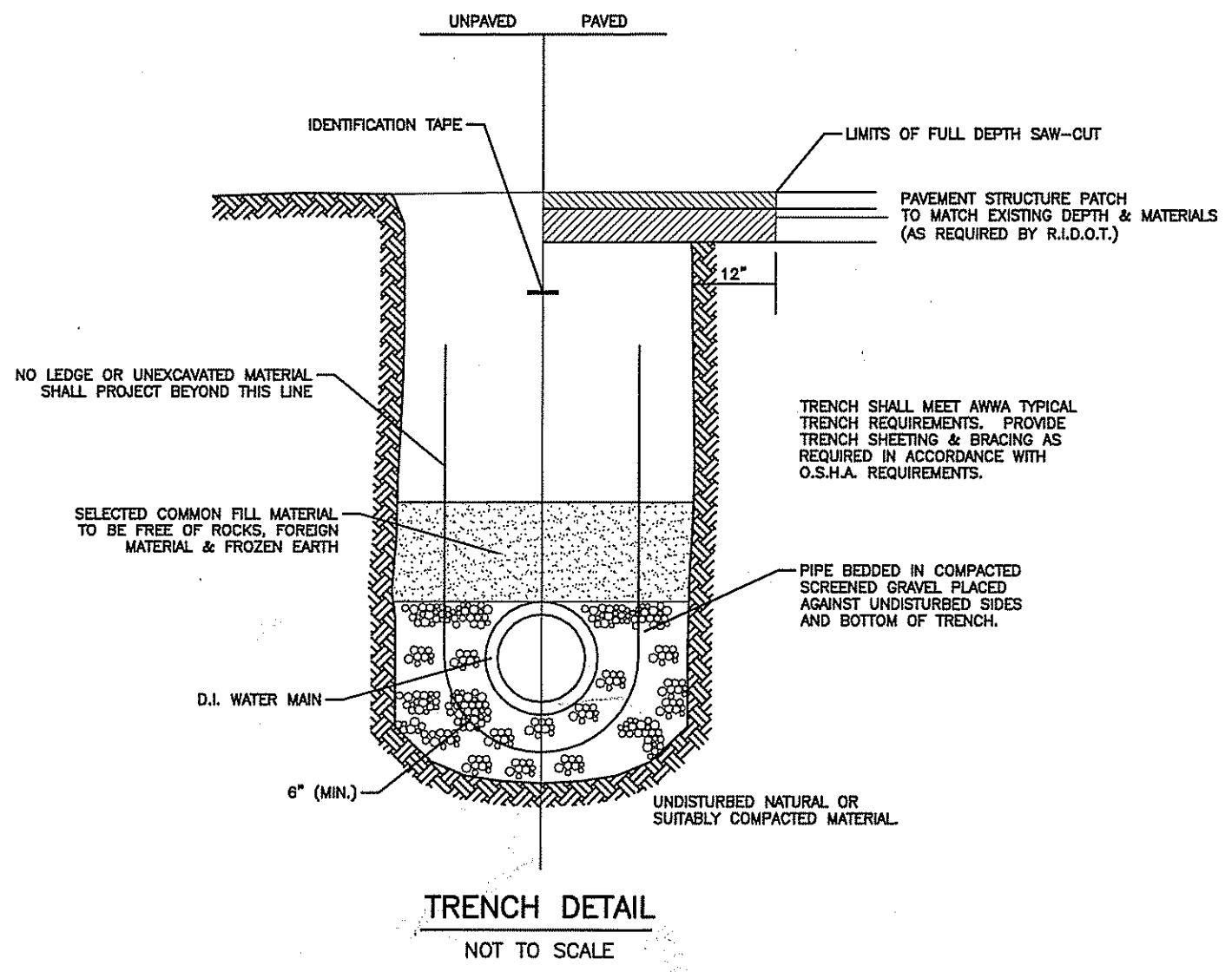
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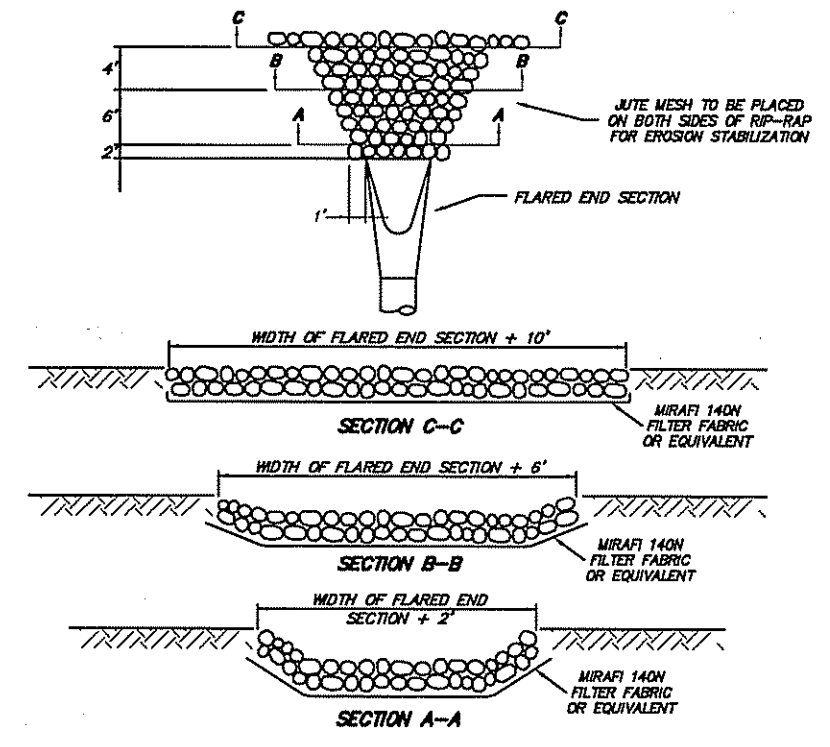
SHEET
 SEP 26 2008
 6 OF 11 SHEETS



TYPICAL SECTION THRU DETENTION BASIN
SCALE: N.T.S.



TRENCH DETAIL
NOT TO SCALE



RIP-RAP AT FLARED END SECTIONS
NOT TO SCALE

SOIL EROSION & SEDIMENT CONTROL NOTES:

1. THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES IS THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL USE THE "STATE OF RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK", 1989, AS AMENDED, AS A GUIDE IN CONSTRUCTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THESE PLANS. THE GUIDELINES MAY BE OBTAINED FROM R.I. DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (DEM) OR THE USDS SOIL CONSERVATION SERVICE. THIS PUBLICATION SHALL BE A PART OF THIS PLAN.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, ALLAY DUST, AND TAKE WHATEVER MEASURES NECESSARY TO ENSURE THAT ALL ADJACENT ROADS ARE MAINTAINED IN A CLEAN MUD AND DUST FREE CONDITION AT ALL TIMES.
4. THE CONTRACTOR SHALL INSPECT AND REPAIR EROSION SEDIMENT CONTROL DEVICES AT THE END OF EACH WORKING DAY AND AFTER EACH STORM.
5. ALL DISTURBED ROADWAY EXCAVATIONS & DETENTION AREAS SHALL BE PLANTED WITH GRASS ON FOUR INCH (4") THICKNESS OF TOPSOIL. IF SEEDING CANNOT BE COMPLETED IMMEDIATELY, DISTURBED AREAS SHALL BE STABILIZED WITH A SPREAD HAY MULCH (APPROPRIATELY ANCHORED) OR EXCELSIOR EROSION CONTROL MATTING.
6. ANY EXISTING OR PROPOSED STORMWATER DRAINAGE STRUCTURES WHICH MAY BE SUBJECT TO SEDIMENTATION PROCESSES, INCLUDING CATCH BASINS (GRATES), INLET/OUTLET STRUCTURES, AND OUTFALL AREAS SHALL BE PROTECTED WITH STAKED HAYBALES OR CRUSHED STONE FILTERS THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
7. THE EROSION CONTROL MEASURES SHOWN SHOULD BE CONSIDERED MINIMUM STANDARDS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, ALLAY DUST, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT THE SITE AND ALL ADJACENT PROPERTIES ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
8. ALL SILT FENCING SHALL BE PROPERLY SUPPORTED BY STURDY STAKES AND WIRE FENCING AND TOED INTO EXISTING SUBSTRATE SOILS. HAYBALES SHALL BE TOED INTO EXISTING SUBSTRATE SOILS AND STABILIZED WITH STURDY STAKES (TWO PER HAYBALE). SEE ATTACHED SOIL EROSION AND SEDIMENT CONTROL DETAILS.
9. UPON PROJECT COMPLETION ALL DISTURBED AREAS, OTHER THAN THOSE SPECIFIED ON SITE PLANS, SHALL BE TREATED WITH PLANTABLE SOIL THEN SEEDED WITH AN APPROPRIATE SEED MIX TO ENSURE PERMANENT SOIL STABILIZATION. ALL TEMPORARY SOIL EROSION/SEDIMENT CONTROLS (HAYBALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL EXPOSED SOILS ARE SATISFACTORILY STABILIZED.

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE AND THE MUNICIPALITY IN WHICH WORK IS BEING PERFORMED PRIOR TO START OF ANY WORK.
2. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DOCUMENT EXISTING CONDITIONS OF SURROUNDING PROPERTIES AND TO MAINTAIN THE INTEGRITY OF THE SAME. ANY DAMAGE TO AND THE COST OF REPAIR OF UTILITIES, ROADWAYS, STRUCTURES AND SURROUNDING PROPERTY SHALL BE FULLY BORNE BY THE CONTRACTOR.
3. ALL WORKMANSHIP AND MATERIALS SHALL MEET OR EXCEED THE LATEST STANDARDS OF THE MUNICIPALITY, AND THE LATEST STATE STANDARDS AND SPECIFICATIONS PUBLISHED FOR ROAD AND BRIDGE CONSTRUCTION.
4. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES, THE MUNICIPAL PUBLIC WORKS DEPARTMENT, FIRE DEPARTMENT AND THE DEPARTMENT OF TRANSPORTATION FOR VERIFICATION OF APPROVED LOCATIONS SHOWN HEREON PRIOR TO START OF CONSTRUCTION. IF ANY DISCREPANCIES ARE NOTED, THE CONTRACTOR SHALL CONTACT THIS ENGINEER IMMEDIATELY FOR A RESOLUTION.
5. THE LOCATION OF ALL EXISTING UTILITIES IS APPROXIMATE ONLY AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF CONSTRUCTION.
6. CONTACT DIG-SAFE AND UTILITY COMPANIES FOR EXACT ON-SITE LOCATION OF EXISTING UNDERGROUND UTILITIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR SHALL OBTAIN REQUIRED INSPECTION SCHEDULE OF THE MUNICIPALITY. UTILITY COMPANIES AND ALL OTHER REQUIRED PARTIES AND SHALL STRICTLY ADHERE TO THOSE REQUIREMENTS.
8. ALL DRAINAGE PIPING SHALL BE REINFORCED CONCRETE CLASS III UNLESS OTHERWISE NOTED.
9. ALL CONTRACTORS SHALL ADHERE TO ALL CONDITIONS OF CONSTRUCTION APPROVALS, INCLUDING BUT NOT LIMITED TO THE APPROVAL FROM THE CITY OF EAST PROVIDENCE, DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND ANY OTHER AGENCY HAVING APPROVAL JURISDICTION OVER THE PROJECT. CONTRACTOR SHALL KEEP A COPY OF ALL APPROVALS ON-SITE DURING CONSTRUCTION. CONTRACTOR SHALL READ ALL APPROVALS PRIOR TO START OF CONSTRUCTION AND SHALL CLARIFY ANY QUESTIONS BEFOREHAND.
10. ALL SEWER WORK MUST CONFORM TO THE CITY OF EAST PROVIDENCE, RHODE ISLAND "STANDARD SPECIFICATIONS AND DETAILS FOR THE INSTALLATION OF SEWERS AND APPURTENANCES" BY PRIVATE DEVELOPERS.
11. ALL SEWER SERVICE LATERALS SHALL BE CAPPED OR PLUGGED. END OF LATERAL SHALL BE MARKED WITH A SIX FOOT LONG NO. 2 STEEL RE-BAR. THE PLATE SHALL EXTEND TO 12 INCHES BELOW GROUND SURFACE.

DETENTION BASIN MAINTENANCE

1. GRASSES MUST BE PLANTED AROUND AND WITHIN THE BASIN IMMEDIATELY FOLLOWING CONSTRUCTION TO STABILIZE THE SLOPES AND PREVENT EROSION.
2. SIDE-SLOPES, EMBANKMENTS, AND THE UPPER STAGE OF THE BASIN MUST BE MOWED AT LEAST ONCE DURING THE GROWING SEASON BY AUGUST 31ST. ALL TRASH AND LITTER SHALL BE REMOVED FROM THE BASINS DURING MOWING OPERATIONS.
3. SEDIMENTS MUST BE REMOVED FROM THE BASINS AT TEN YEAR INTERVALS AND AS NECESSARY.
4. THE OUTLET STRUCTURE AND ALL OUTFLOW CHANNELS MUST BE INSPECTED ANNUALLY. EXTENDED DETENTION DEVICES MUST BE INSPECTED AT LEAST TWICE A YEAR. INSPECTIONS DURING THE FIRST SIX MONTHS OF OPERATIONS MUST BE ACCOMPLISHED OFTEN, ESPECIALLY AFTER RAINFALL EVENTS.
5. THE GRASSED AREAS OF THE BASIN MUST BE INSPECTED AT LEAST TWICE PER YEAR TO CHECK FOR EROSION. PROBLEM AREAS MUST BE RESEEDING IMMEDIATELY.
6. SIDE-SLOPES, EMBANKMENTS, AND THE UPPER STAGE OF BASINS SHALL BE MOWED AT LEAST ONCE PER GROWING SEASON, TO PREVENT UNWANTED WOODY GROWTH.
7. ALL TRASH AND LITTER AND OTHER DEBRIS SHALL BE REMOVED FROM ANY STORMWATER FACILITY INCLUDING INLET AND OUTLET STRUCTURES. THIS MUST BE ACCOMPLISHED AT LEAST TWICE A YEAR, PREFERABLY SPRING AND FALL.
8. INSPECTIONS OF ALL DRAINAGE STRUCTURES ON-SITE SHALL OCCUR ON AN ANNUAL BASIS TO CHECK FOR DEBRIS REMOVAL (SEDIMENT AND HYDROCARBONS) AND STRUCTURAL INTEGRITY OR DAMAGE. SUCH DEFICIENCIES MUST BE CORRECTED IMMEDIATELY.
9. THE CITY OF EAST PROVIDENCE WILL BE RESPONSIBLE FOR MAINTAINING ALL SWALES, DETENTION BASINS, AND OTHER DRAINAGE STRUCTURES ON-SITE.
10. REPAIRS OR REPLACEMENT OF INLET / OUTLET STRUCTURES, RIP-RAP CHANNELS, OR OTHER ELEMENTS OF THE FACILITY MUST BE DONE WITHIN 30 DAYS OF DEFICIENCY REPORTS. IF AN EMERGENCY SITUATION IS IMMINENT THEN REPAIR / REPLACEMENT MUST BE DONE IMMEDIATELY.

DETENTION BASIN CONSTRUCTION NOTES

1. DETENTION BASIN BERM AREAS ARE TO BE CONSTRUCTED WITH COMMON BORROW COMPACTED TO 95% AND THEN LOAMED AND SEEDING.
2. TREES AND SHRUBS SHALL NOT BE PLANTED ON ANY IMPOUNDING EMBANKMENT.
3. DISTURBED AREAS ARE TO BE LOAMED A MINIMUM OF 4" AND SEEDING WITH A CONSERVATION TYPE MIXTURE.
4. ALL CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE "RI SOIL EROSION AND SEDIMENT CONTROL HANDBOOK".
5. NO WATER SHALL BE ALLOWED TO LEAVE A DETENTION BASIN UNTIL AN APPROVED STAND OF GRASS HAS BEEN ESTABLISHED.

GENERAL LANDSCAPING NOTES:

1. ALL DISTURBED AREAS ARE TO BE REVEGETATED AS SOON AS POSSIBLE. ALL BANKS AND SLOPING AREAS ARE TO RECEIVE A MINIMUM OF 4" OF CLEAN TOPSOIL, THEN SEED AND FERTILIZE. LEVEL AREAS TO RECEIVE 4" MIN. OF CLEAN TOPSOIL, SEED AND FERTILIZE.
2. SEED AND SOD SHALL CONSIST OF A BLEND OF KENTUCKY BLUE GRASSES. PLANT BY SUPPLIERS SPECIFICATIONS.
3. LIME SHALL BE APPLIED AS NECESSARY.
4. USE OF HAY OR STRAW MULCH DURING SLOPE STABILIZATION IN CONJUNCTION WITH TEMPORARY SEEDING. APPLY MULCH AT A RATE OF 75 TO 100 LBS. PER 1000 SQUARE FEET.
5. STOCKPILE ALL STRIPPED TOPSOIL FOR LATTER USE. THE LOCATION IS TO BE APPROVED BY THE TOWN ENGINEER. MULCH AND TEMPORARY SEED THE STOCKPILE.
6. REMOVE ALL ROCKS 3" OR LARGER IN PLANTING AREA.
7. ALL CLEARING SHALL CONFORM TO THE LIMITS AS SHOWN ON PLANS. CLEARING LIMITS ARE TO BE MARKED IN THE FIELD BY THE ENGINEER.

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Matthew D. Wencel

DETAIL PLAN 2
FOR
A.P. 506 LOTS 11, 11.1 & 11.2
SITUATED ON
J. MEDEIROS WAY
EAST PROVIDENCE, RI
PREPARED FOR
J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE
1.	DEM COMMENT	MNB	7/21/08

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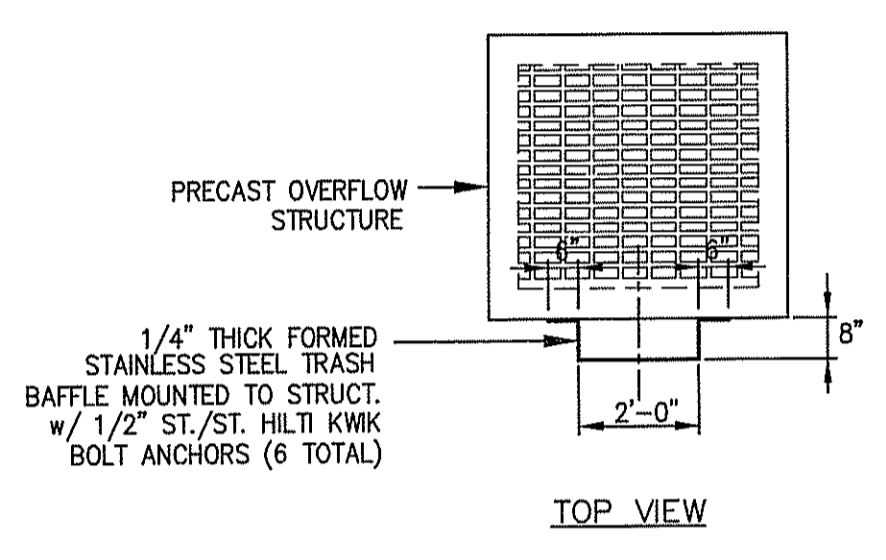
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SEP 2 2008

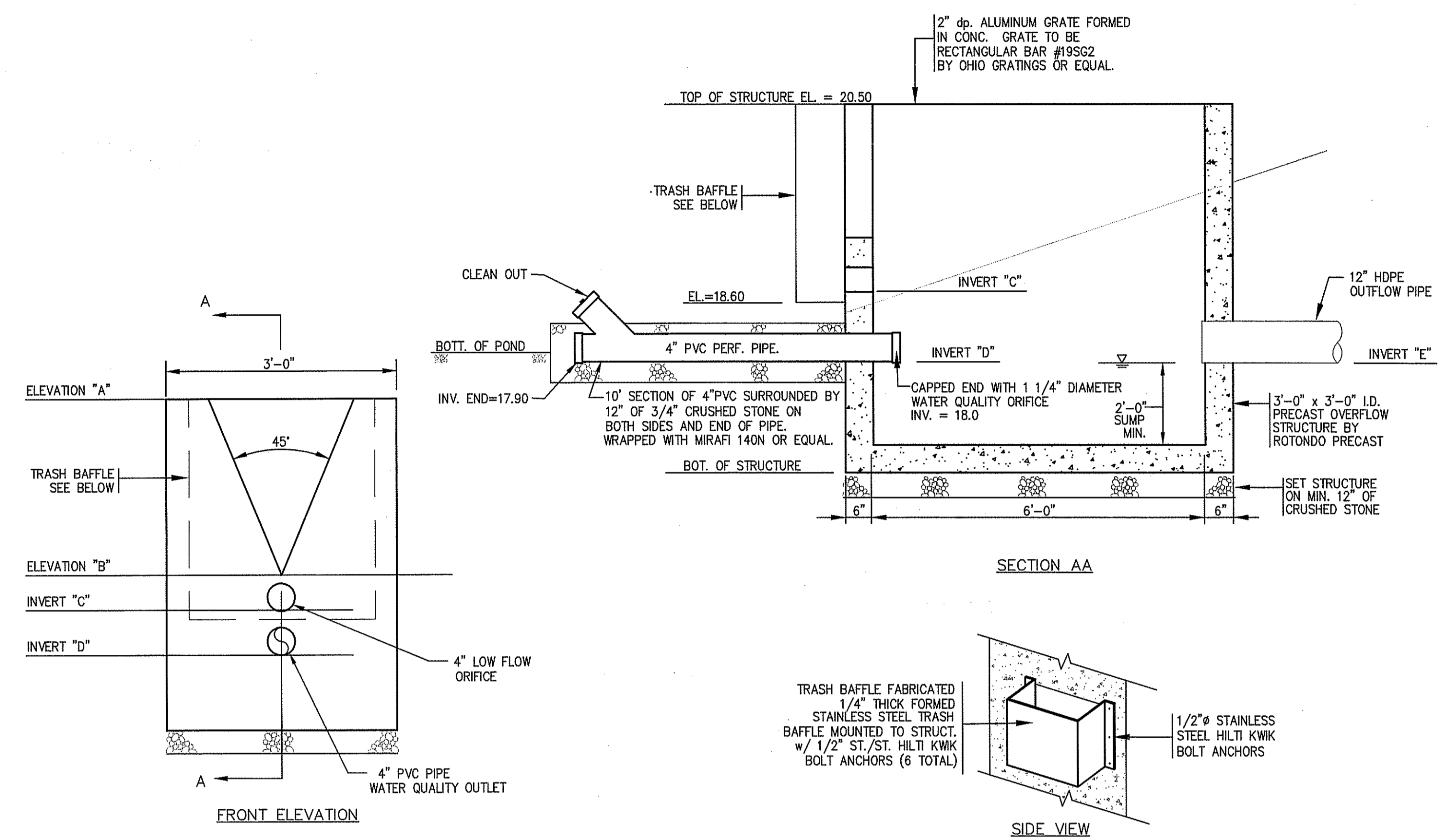
7 OF 11 SHEETS

DETAIL PLAN 3
 FOR
 A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
 J. MEDEIROS WAY
 EAST PROVIDENCE, RI
 PREPARED FOR
 J. ROBERT and GEORGE PESCE

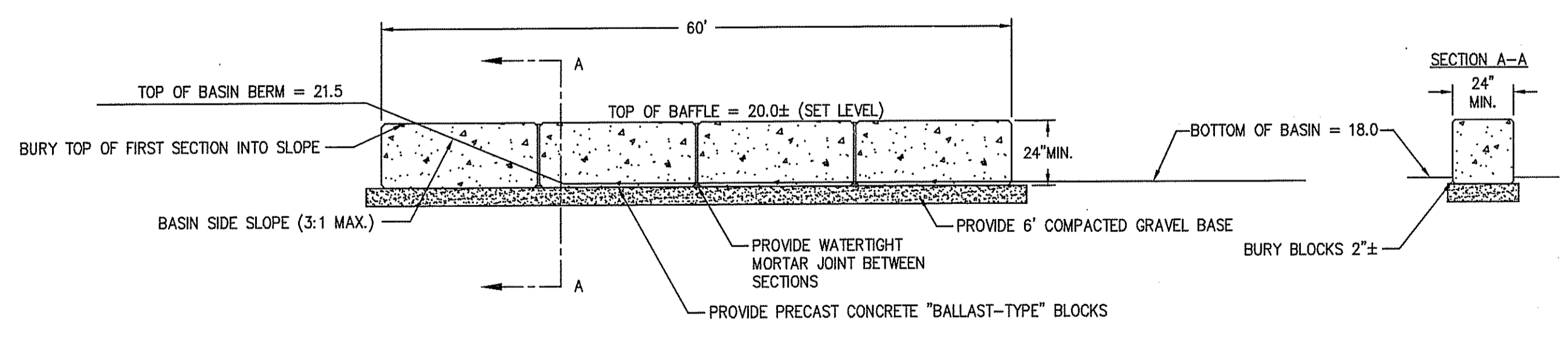
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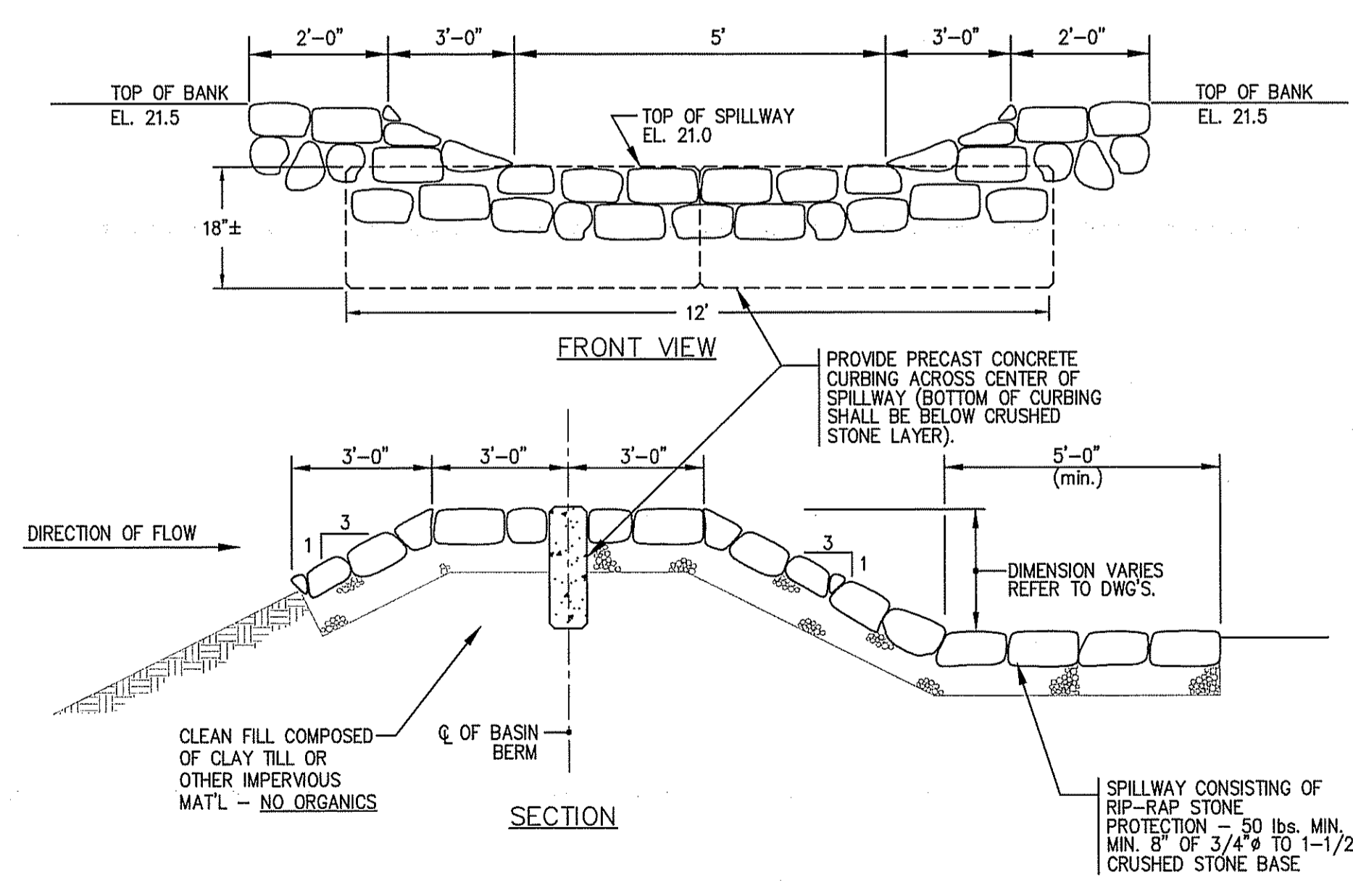
ELEVATION / INVERT	
"A"	20.50
"B"	19.50
"C"	18.80
"D"	17.80
"E"	17.80



OUTLET CONTROL STRUCTURE DETAIL
 N.T.S.



PRECAST CONCRETE DETENTION BASIN BAFFLE
 NOT TO SCALE



TYPICAL EMERGENCY SPILLWAY DETAIL
 NOT TO SCALE

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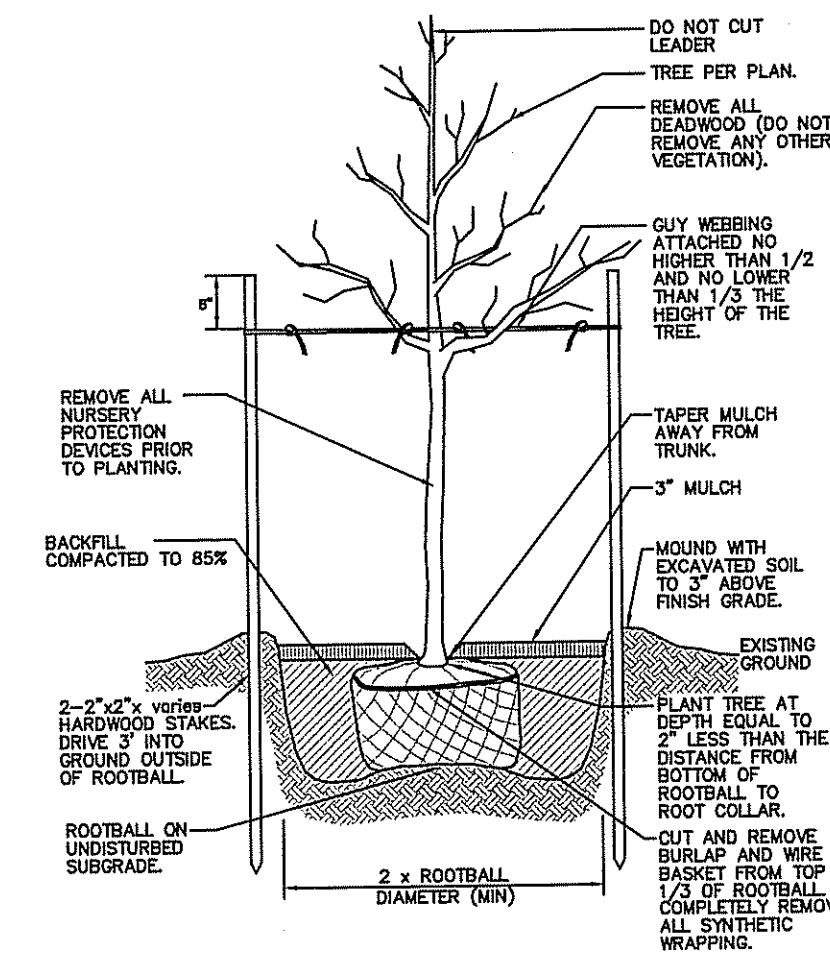
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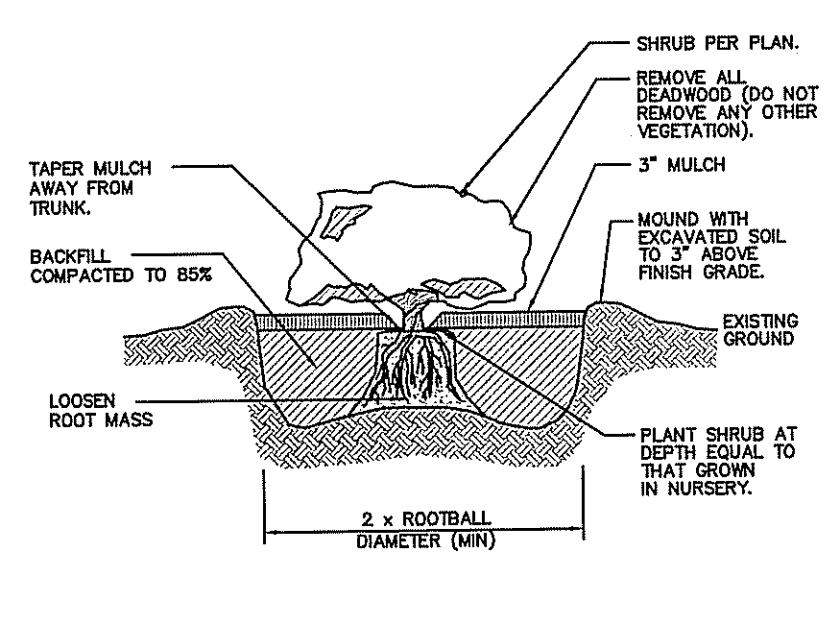
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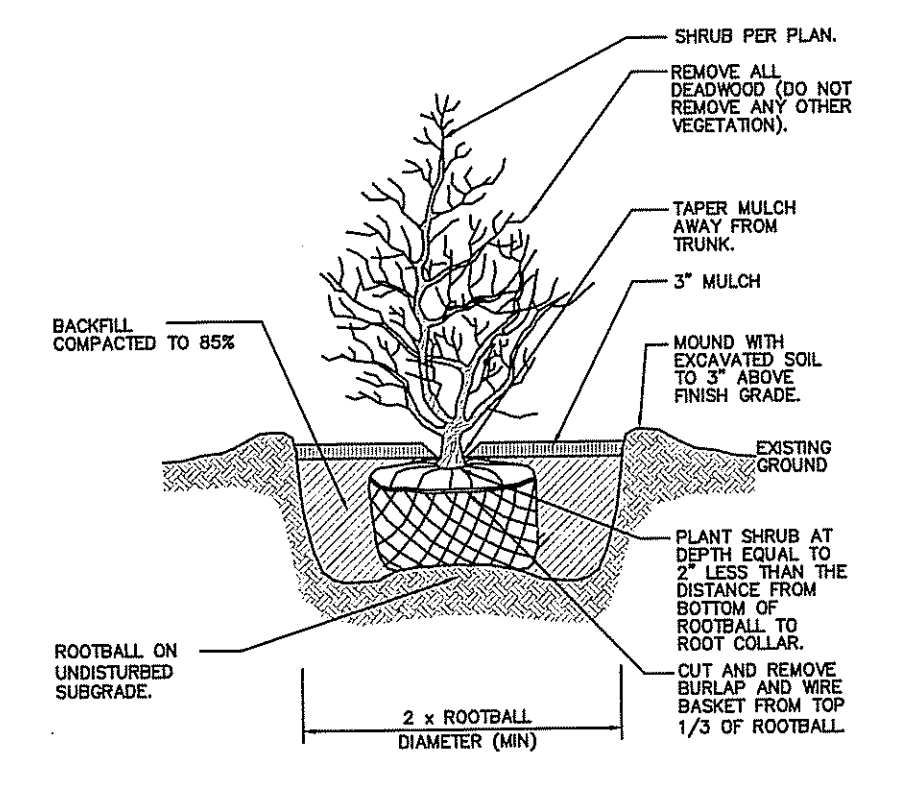
8 OF 11 SHEETS



TREE PLANTING DETAIL
NOT TO SCALE



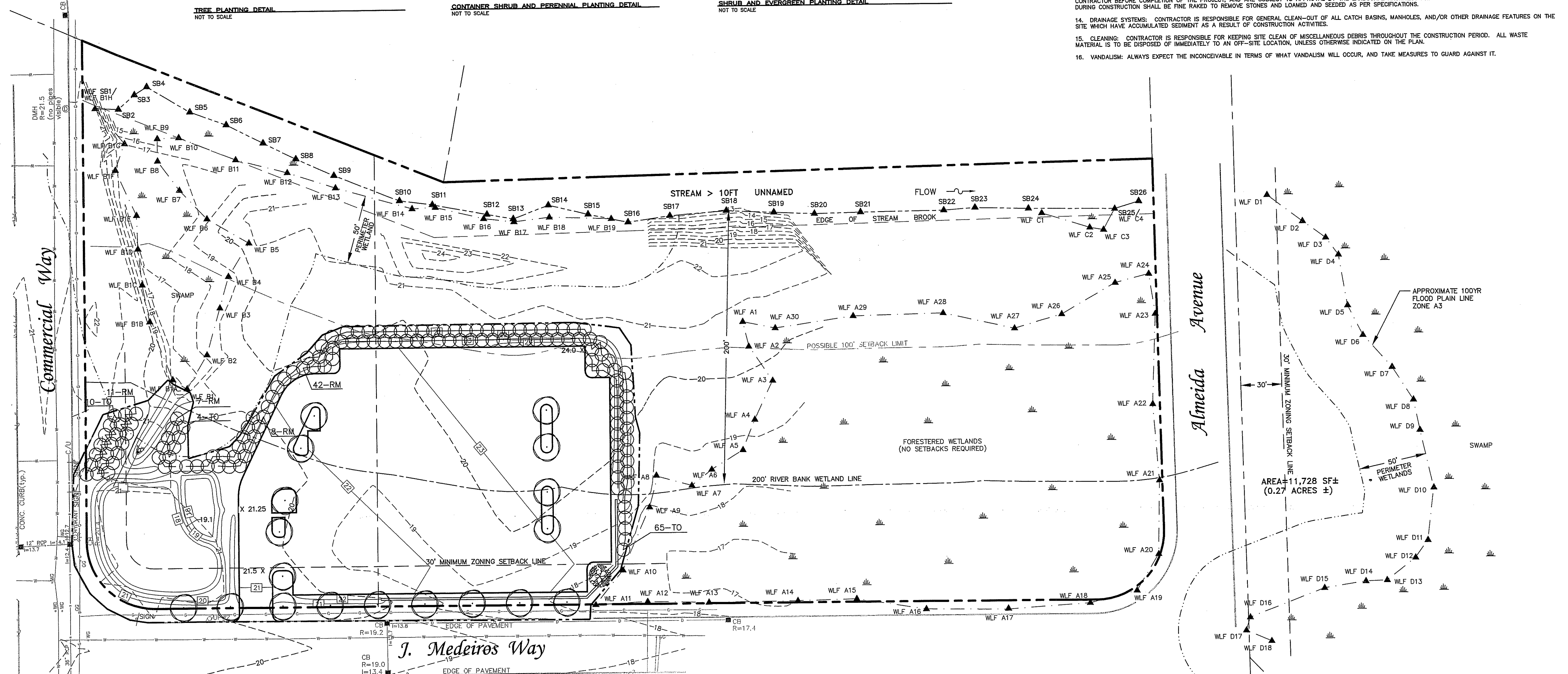
CONTAINER SHRUB AND PERENNIAL PLANTING DETAIL
NOT TO SCALE



SHRUB AND EVERGREEN PLANTING DETAIL
NOT TO SCALE

LANDSCAPE NOTES:

1. THE CONTRACTOR SHALL INSTALL ALL PLANT MATERIAL IN CONFORMANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. ALL PLANT MATERIAL SHALL MEET THE AMERICAN OF NURSERYMEN STANDARDS FOR NURSERY STOCK, LATEST EDITION, AND ITS AMENDMENTS. PLANT ONLY DURING SEASONS NORMAL TO THE PARTICULAR VARIETY. NO SUBSTITUTIONS SHALL BE ACCEPTED WITHOUT PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT.
3. ALL PLANT MATERIAL FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR. IF THE FIRST YEAR ENDS DURING THE DORMANT PERIOD, THE GUARANTEE SHALL EXTEND TO THE START OF THE NEXT LEAFING. DURING THE ONE-YEAR GUARANTEE PERIOD THE CONTRACTOR SHALL EMPLOY ACCEPTED HORTICULTURAL PRACTICES TO KEEP THE PLANTS INSTALLED IN LIVING, HEALTHY CONDITION. FOLLOWING THE ONE-YEAR GUARANTEE PERIOD THE OWNER/OWNERS SHALL INSPECT ALL PLANT MATERIAL FOR HEALTHY ORNAMENTAL QUALITY. AT THAT TIME SHOULD ANY PLANT MATERIAL BE FOUND IN INADEQUATE HEALTH THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE THE PLANT IN KIND AND PROVIDE A ONE-YEAR GUARANTEE FOR THE REPLACEMENT PLANT.
4. INSTALL ALL PLANT MATERIAL AS SHOWN IN DETAILS.
5. STAKE ALL TREES OVER 5' AS SHOWN ON DETAILS. REMOVE STAKES AT THE END OF THE GUARANTEE PERIOD.
6. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFFSET LOCATION, UNLESS OTHERWISE INDICATED ON THE PLANS.
7. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND SHALL OBTAIN ALL NECESSARY PERMITS FOR THE PROJECT.
8. LAYOUT: ALL NOTES AND DIMENSIONS ARE TYPICAL UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE SQUARE (PARALLEL OR PERPENDICULAR) UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE OWNER/OWNER'S REPRESENTATIVE IMMEDIATELY IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE CONTRACT DOCUMENTS AND/OR IN THE FIELD, OR ON CONDITIONS UNCOVERED IN THE WORK WHICH ARE NOT REFLECTED IN THE PLANS.
9. LOAM: LOAM MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE RETAINED AND DISTRIBUTED WITHIN THE SITE IN ACCORDANCE WITH THE LANDSCAPE PLAN. STOCKPILED LOAM SHALL NOT BE MIXED WITH ANY SUBSOIL OR UNSUITABLE MATERIAL. ALL EXISTING LOAM REMAINS THE PROPERTY OF THE OWNER.
10. PROTECTION OF EXISTING PLANTINGS: MAXIMUM EFFORT SHOULD BE MADE TO SAVE TREES OF OTHER PLANT SPECIMENS WHICH ARE LARGE FOR THEIR SPECIES, RARE TO THE AREA OR OF SPECIAL HORTICULTURAL OR LANDSCAPE VALUE. CONTACT OWNER/LANDSCAPE ARCHITECT BEFORE REMOVING ANY SPECIMEN OF THIS TYPE UNLESS OTHERWISE NOTED ON THE PLANS. NO MATERIAL OR TEMPORARY SOIL DEPOSITS SHALL BE PLACED WITHIN THE DRIP LINE OF SHRUBS OR TREES DESIGNATED ON THE LANDSCAPE PLAN TO BE RETAINED. PROTECTIVE BARRIERS ARE TO BE INSTALLED AROUND EACH PLANT AND/OR GROUP OF PLANTS THAT ARE TO REMAIN ON THE SITE. BARRIERS SHALL NOT BE SUPPORTED BY THE PLANTS THEY ARE PROTECTING, BUT SHALL BE SELF-SUPPORTING. THEY SHALL BE OF MINIMUM OF FOUR FEET (4') HIGH AND CONSTRUCTED OF A DURABLE MATERIAL, SUCH AS SNOW OR SILT FENCE, THAT WILL LAST UNTIL CONSTRUCTION IS COMPLETED.
11. PRUNING: THE CONTRACTOR SHALL CAREFULLY PRUNE BRANCHES IN THE WAY OF CONSTRUCTION BY USING ONLY APPROVED METHODS AND TOOLS. THE USE OF AXES FOR TRIMMING OR SPRING FOR CLIMBING WILL NOT BE PERMITTED.
12. UTILITIES: IN ACCORDANCE WITH DIG-SAFE LAW THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY COMPANIES AND VERIFY LINE LOCATIONS DURING CONSTRUCTION SHALL BE FINE RANGED TO REMOVE STONES AND LOANED AND SEEDED AS PER SPECIFICATIONS.
13. DISTURBED AREAS: AREAS DISTURBED DURING THE COURSE OF CONSTRUCTION ARE TO BE RESTORED TO ORIGINAL (OR BETTER) CONDITION BY THE CONTRACTOR BEFORE COMPLETION OF THE PROJECT, AND ARE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT AND OWNER. ALL GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE FINE RANGED TO REMOVE STONES AND LOANED AND SEEDED AS PER SPECIFICATIONS.
14. DRAINAGE SYSTEMS: CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEAN-OUT OF ALL CATCH BASINS, MANHOLES, AND/OR OTHER DRAINAGE FEATURES ON THE SITE WHICH HAVE ACCUMULATED SEDIMENT AS A RESULT OF CONSTRUCTION ACTIVITIES.
15. CLEANING: CONTRACTOR IS RESPONSIBLE FOR KEEPING SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLAN.
16. VANDALISM: ALWAYS EXPECT THE INCONCEIVABLE IN TERMS OF WHAT VANDALISM WILL OCCUR, AND TAKE MEASURES TO GUARD AGAINST IT.

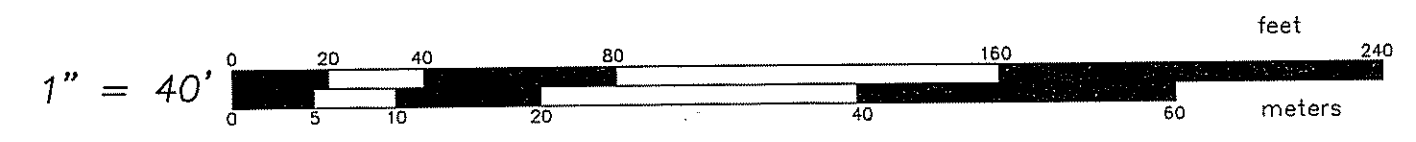


SCREENING VEGETATION KEY:
 TO=THUJA OCCIDENTALIS (NO. WHITE CEDAR)
 RM=RHO DODENDRON MAXIMUM (ROSEBAY RHO DODENDRON)
 PLANTED 8' O.C.
 PLANTING SIZE 4/5'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED OCT 8 2008 FILE # 08-0122
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

Master D. Wencel

Kindly be advised that this
 Permit is not equivalent to a
 verification of the type or extent
 of freshwater wetlands on site.



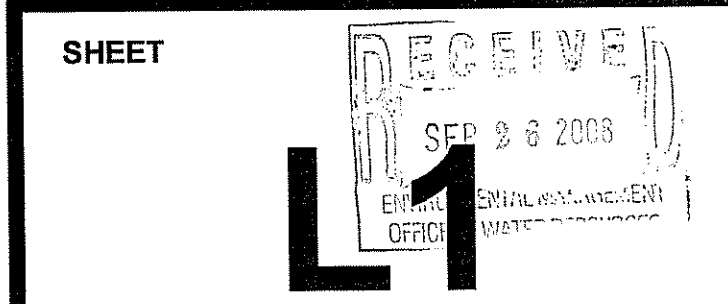
LANDSCAPE PLAN & DETAILS
 FOR
 A.P. 506 LOTS 11, 11.1 & 11.2
 SITUATED ON
 J. MEDEIROS WAY
 EAST PROVIDENCE, RI
 PREPARED FOR
 J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE

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 CIVIL & STRUCTURAL ENGINEERS/SURVEYORS
 LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

85 CORLISS STREET
 P.O. BOX 6145
 PROVIDENCE, R.I. 02940
 TEL. 401-273-6000

JOB NO. 6336-00	DRAWN BY S.J.V.
DWG. NO. RIDEM SUBMISSION	CHECKED R.P.H.
SCALE: 1"=40'	APPROVED S.B.G.
	DATE: FEB. 29, 2008

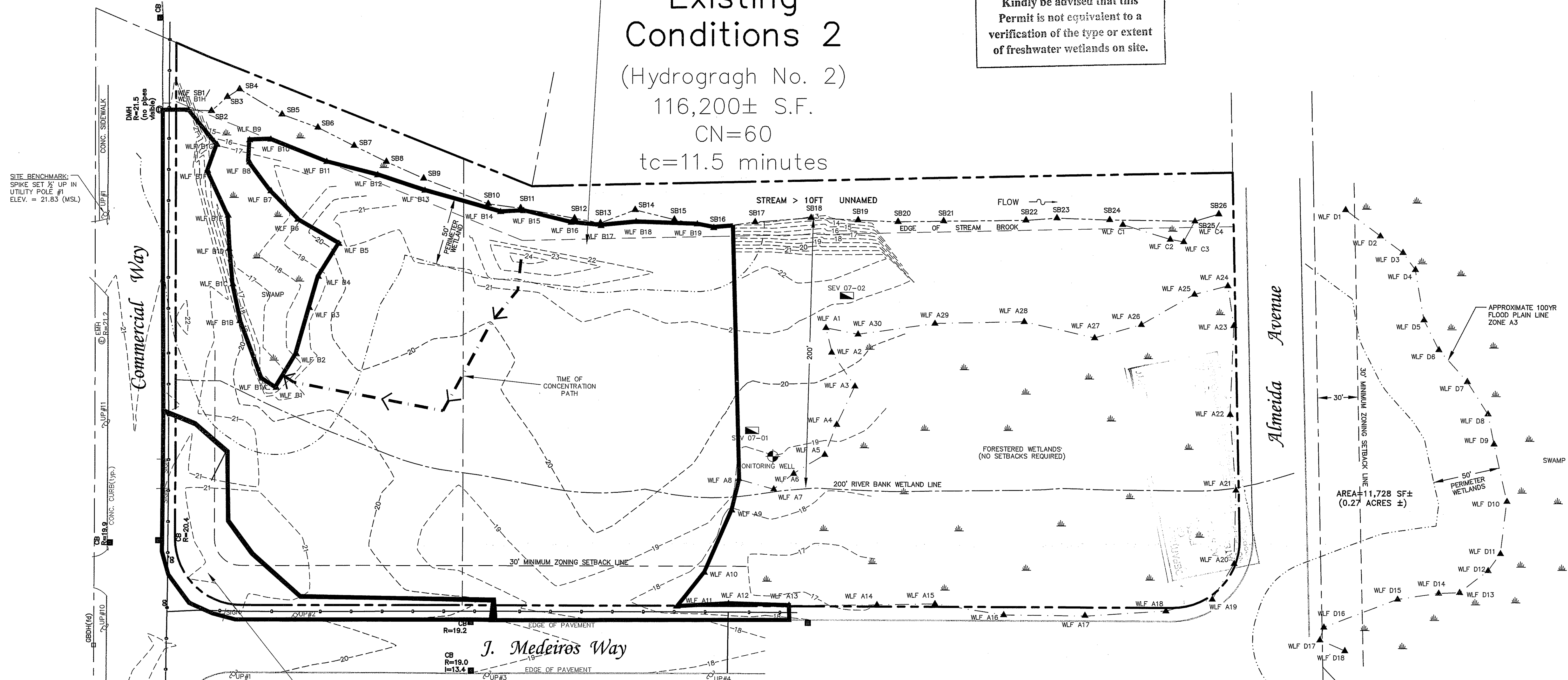


L:\0316-00 J. Medeiros Way, E. Providence, RI - Comm\0316-00 RIDEM SUBMISSION - 12-28-07.dwg, 1/19/2008 1:03:23 PM, svcm



Existing
Conditions 2
(Hydrograph No. 2)
116,200± S.F.
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tc=11.5 minutes

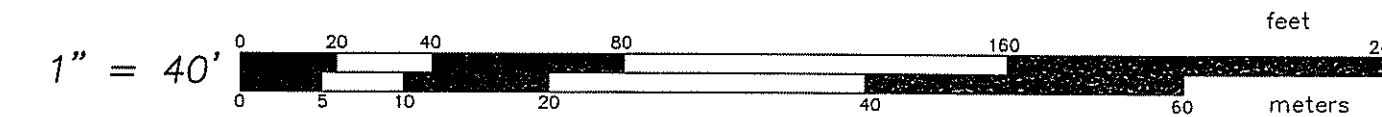
Kindly be advised that this
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of freshwater wetlands on site.



Existing
Conditions 1
(Hydrograph No. 1)
10,800± S.F.
CN=60
tc=6 minutes

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED OCT 3 2008 FILE # D8-0122
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Martin D. Wenzel



EXISTING WATERSHED MAP
FOR
A.P. 506 LOTS 11, 11.1 & 11.2
SITUATED ON
J. MEDEIROS WAY
EAST PROVIDENCE, RI
PREPARED FOR
J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE

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JOB NO. 6336-00	DRAWN BY S.L.C.
DWG. NO. RIDEM SUBMISSION	CHECKED R.P.H.
SCALE: 1"=40'	APPROVED S.B.G.
	DATE: FEB. 29, 2008

SHEET

SEP 23 2008

EWS1

10 OF 11 SHEETS

L:\6336-00 J. Medeiros Way, E. Providence01-Corridor6336 - RIDEM SUBMISSION - 12-28-07.dwg, 3/25/2008 2:28:38 AM, pdm



Post Construction 2a

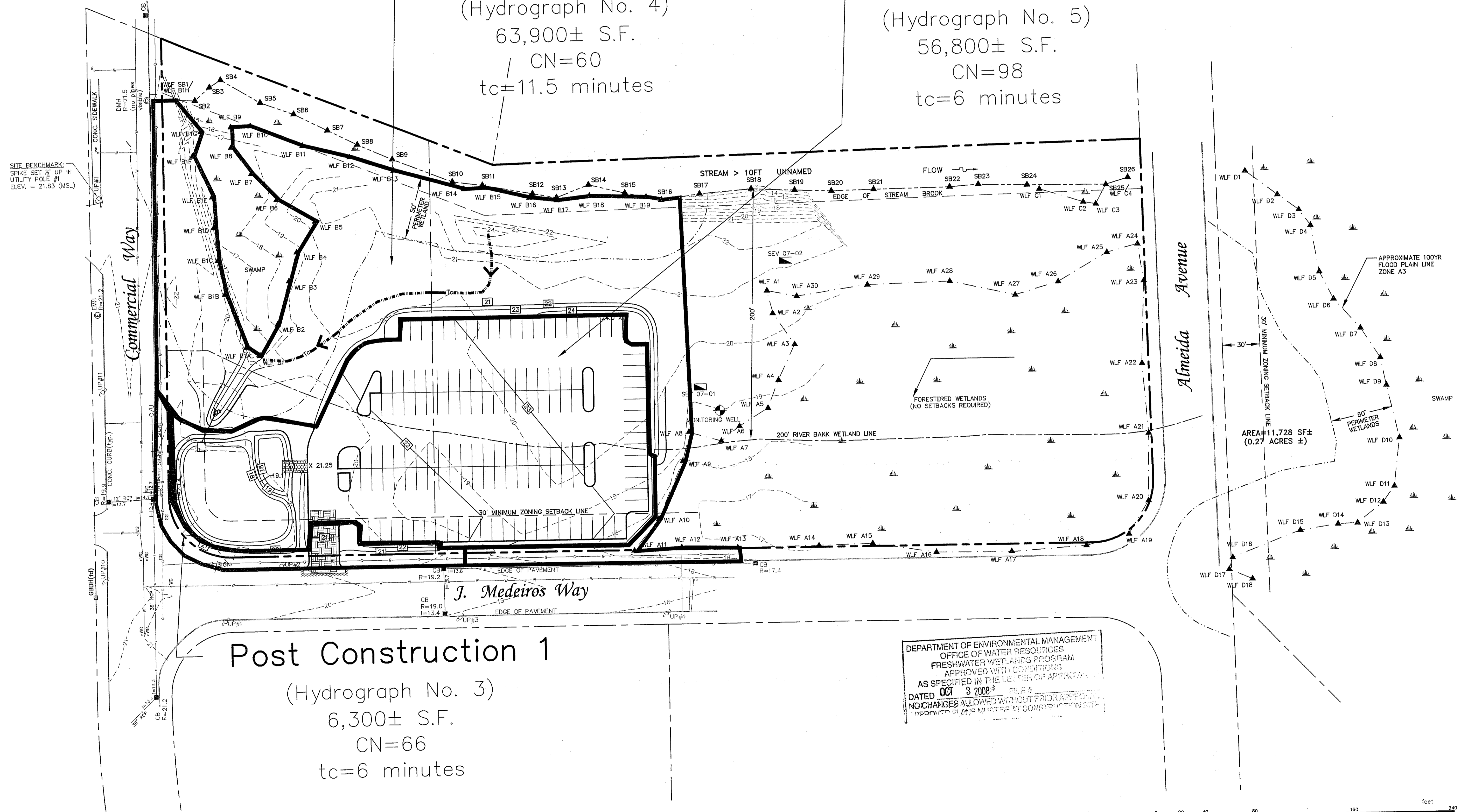
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CN=60
tc=11.5 minutes

Post Construction 2b

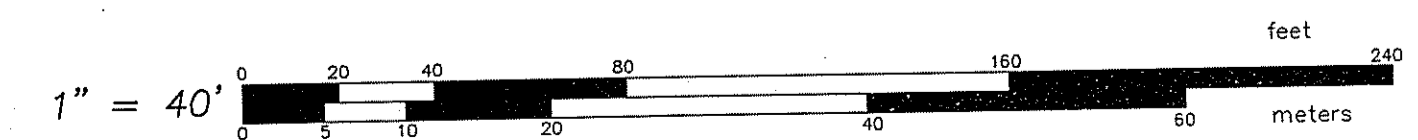
(Hydrograph No. 5)
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CN=98
tc=6 minutes

Post Construction 1

(Hydrograph No. 3)
6,300± S.F.
CN=66
tc=6 minutes

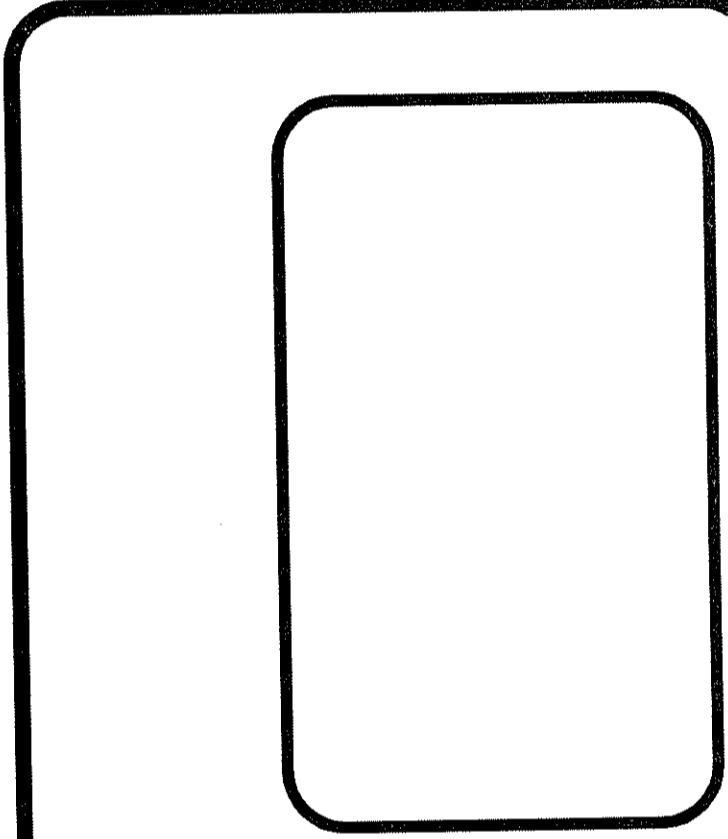


DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 3 2008
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED BY [Signature] DATE [Date]



PROPOSED WATERSHED MAP
FOR
A.P. 506 LOTS 11, 11.1 & 11.2
SITUATED ON
J. MEDEIROS WAY
EAST PROVIDENCE, RI
PREPARED FOR
J. ROBERT and GEORGE PESCE

NO.	REVISION	BY	DATE



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JOB NO. 6336-00
DWG. NO. RIDEM SUBMISSION
SCALE: 1"=40'
DRAWN BY S.L.C.
CHECKED R.P.H.
APPROVED S.B.G.
DATE: FEB. 29, 2008

SHEET
SEP 26 2008
PWS1
11 OF 11 SHEETS

L:\0316-001_Medeiros Way, E. Providence\01_Corriass\0316 - RIDEM SUBMISSION - 12-28-07.dwg, 3/25/2008 11:33:43 AM, Update