

PROVIDENCE WATER SUPPLY BOARD

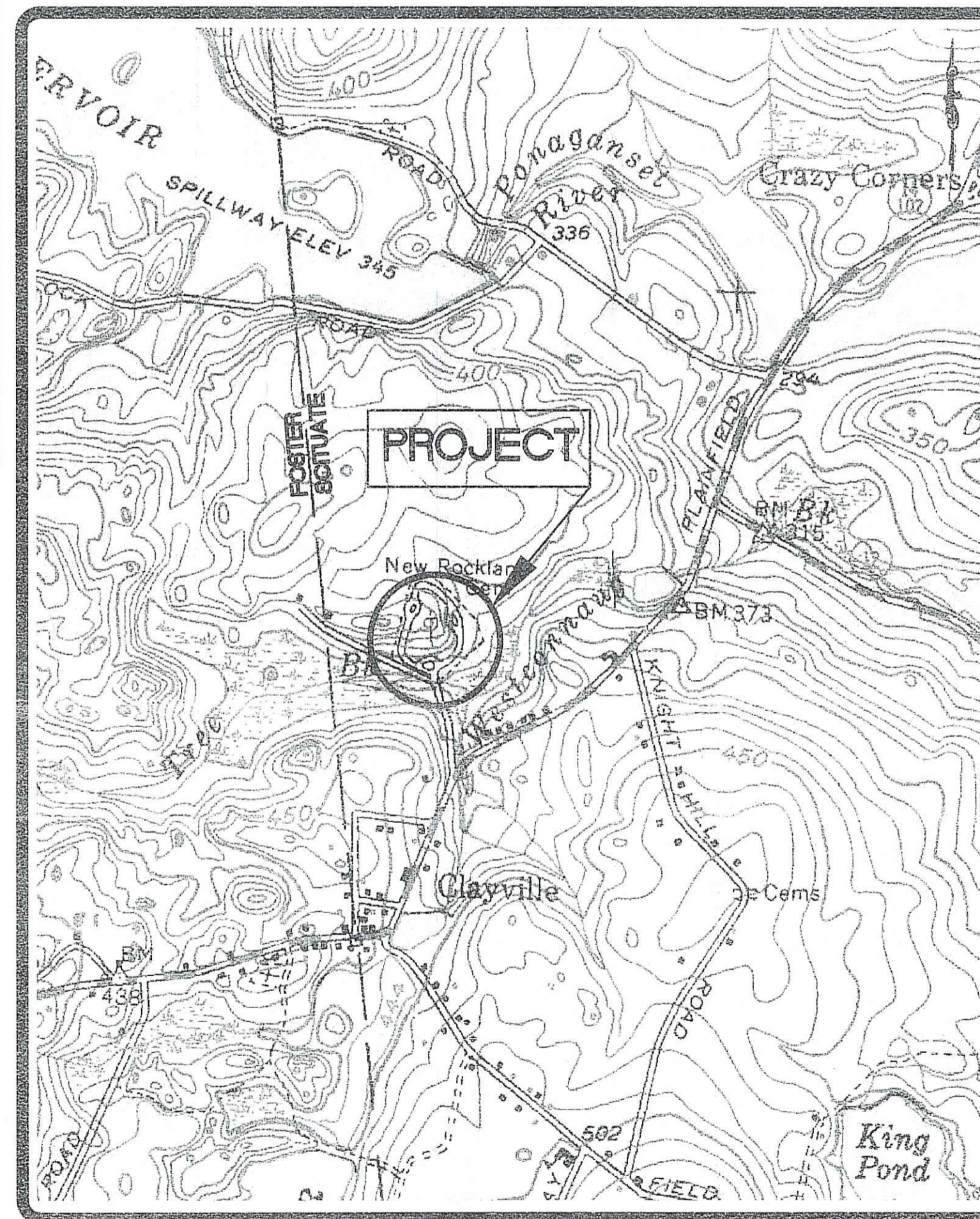
ROCKLAND CEMETERY ROADWAY IMPROVEMENTS ROCKLAND CEMETERY ROAD SCITUATE, RHODE ISLAND



CHIEF ENGINEER AND GENERAL MANAGER
PAMELA M. MARCHAND, P.E.

BOARD MEMBERS

- ANDREW K. MOFFIT, *Chairman*
- JOSEPH D. CATALDI, *Vice Chairman*
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- FERNANDO S. CUNHA, *ESQ Legal Advisor*
- DAVID N. CICILLINE, *Mayor*
- JOSEPH DE LUCA, *City Councilman*
- MICHAEL A. SOLOMON, *City Councilman*
- JOHN A. FARGNOLI, *Member*
- EVERETT BIANCO, *Member*



LOCATION MAP

1"=1000' ±

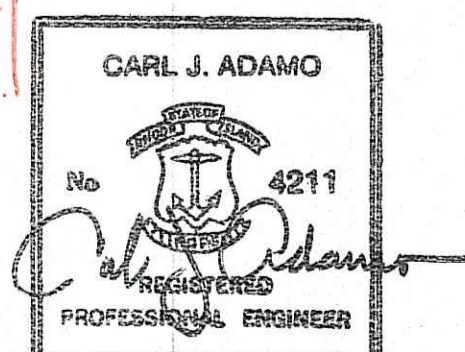
FEBRUARY 2008

REVISED THROUGH OCTOBER 23, 2009

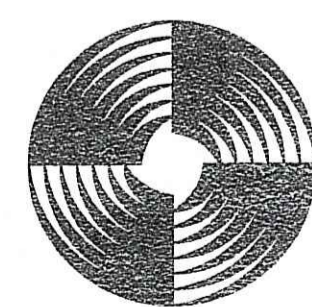
SHEET INDEX		LAST REVISED
C1	GENERAL NOTES & LEGEND	10/23/09
C2	OVERALL / KEY PLAN	10/23/09
C3	PLAN OF WETLAND AREAS	10/23/09
C4	ROADWAY PLAN & PROFILE SHEET 1	10/23/09
C5	ROADWAY PLAN & PROFILE SHEET 2	10/23/09
C6	ROADWAY PLAN & PROFILE SHEET 3	10/23/09
C7	ROADWAY PLAN & PROFILE SHEET 4	10/23/09
C8	DETAIL SHEET	10/23/09

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 3 2009 FILE # 09-0178
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Haber



10-23-09

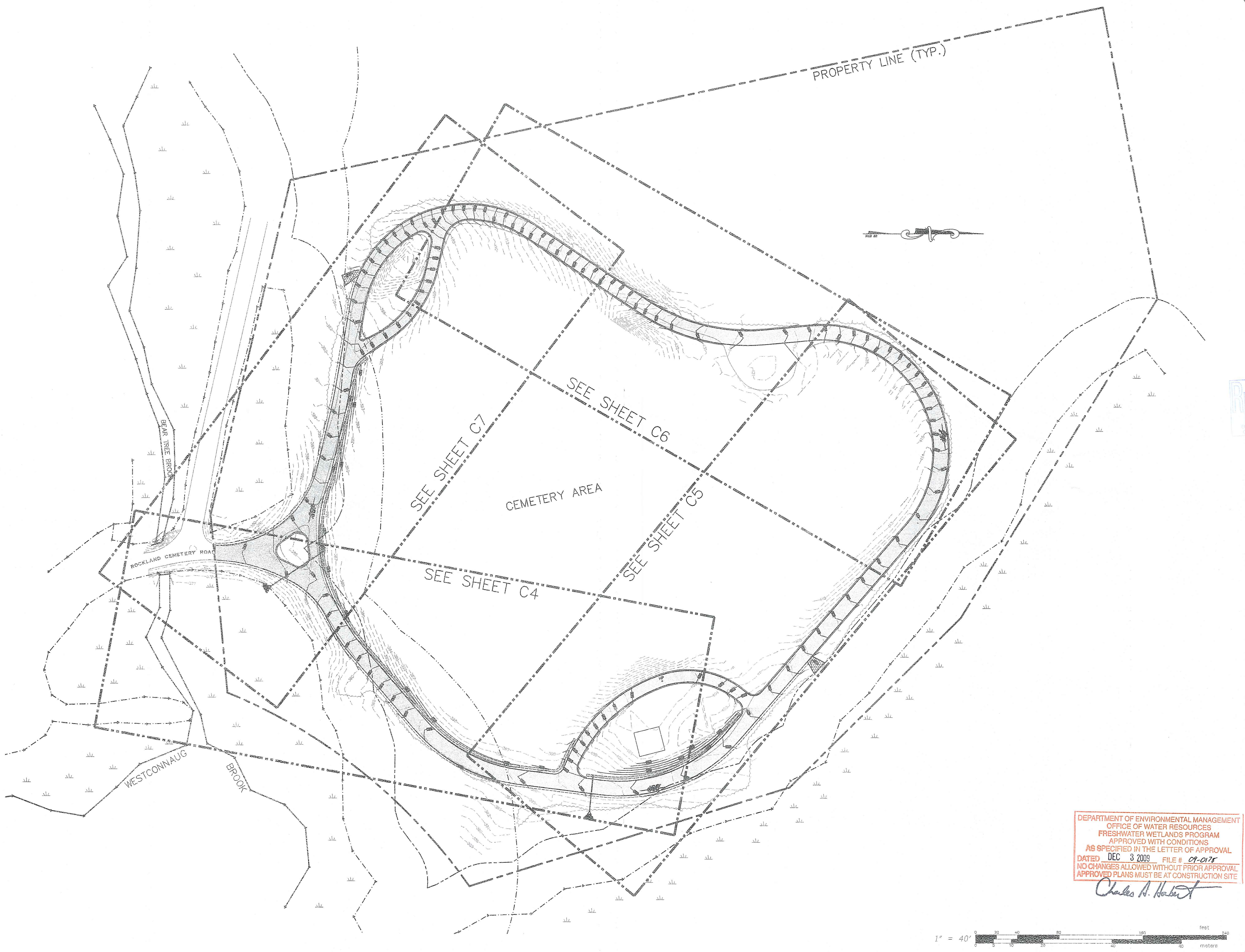


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85 CORLISS STREET, P.O. BOX 6145 PROVIDENCE, RI 02940
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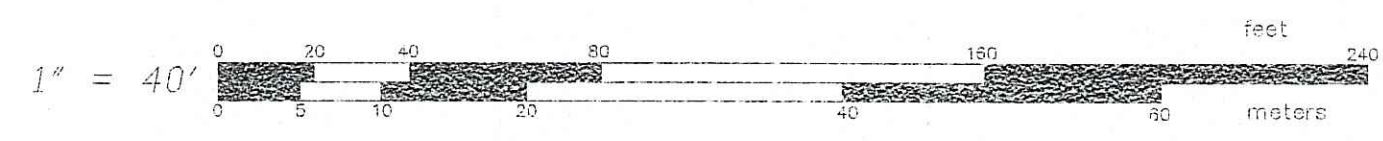
L:\6534-00 Rockland Cemetery Rd. - Schuette, R\dwg\01-Current\6534-BASE.dwg

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Charles A. Herbert



KEY PLAN
FOR
ROCKLAND CEMETERY
ROADWAY IMPROVEMENTS
SITUATED ON
ROCKLAND CEMETERY ROAD
SCITUATE, RHODE ISLAND
PREPARED FOR
PROVIDENCE WATER SUPPLY BOARD

NO.	REVISION	BY	DATE
1	Wetlands, drainage, misc.	MNB	2/10/09
2	Ri DEM Comments	MNB	10/23/09

27 2009

CARL J. ADAMO
No. 0211
PROFESSIONAL ENGINEER
10-23-09

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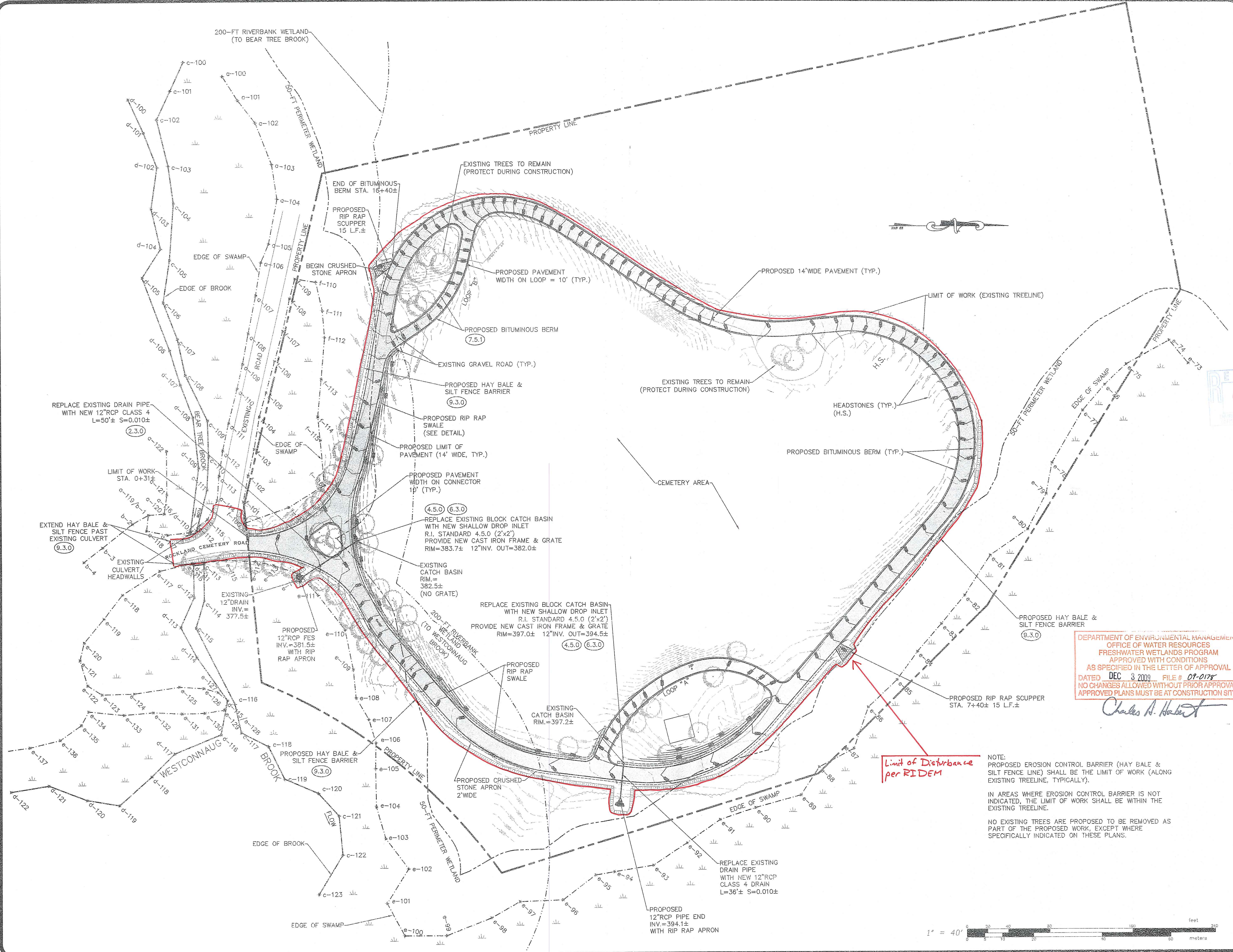
JOB NO. 6534-00	DRAWN BY SJV
DWG. NO. 6534-BASE.DWG	CHECKED MWC
SCALE: 1"=40'	APPROVED CJA
	DATE: FEB 19, 2008

SHEET

C2

OF 8 SHEETS

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PLAN OF WETLAND AREAS
FOR
ROCKLAND CEMETERY
ROADWAY IMPROVEMENTS
SITUATED ON
ROCKLAND CEMETERY ROAD
SCITUATE, RHODE ISLAND
PREPARED FOR
PROVIDENCE WATER SUPPLY BOARD

NO.	REVISION	BY	DATE
1	Wetlands, drainage, misc.	MNB	2/10/09
2	RI DEM Comments	MNB	10/23/09

CARL J. ADAMO
 4211
 PROFESSIONAL ENGINEER
 10-23-09

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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 **DEC 3 2009** FILE # **09-0178**
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JOB NO. 6534-00	DRAWN BY SJV
DWG. NO. 6534-BASE.DWG	CHECKED MWC
SCALE: 1" = 40'	APPROVED CJA
	DATE: FEB 19, 2008

SHEET

C3

OF 8 SHEETS

Limit of Disturbance per RIDEM

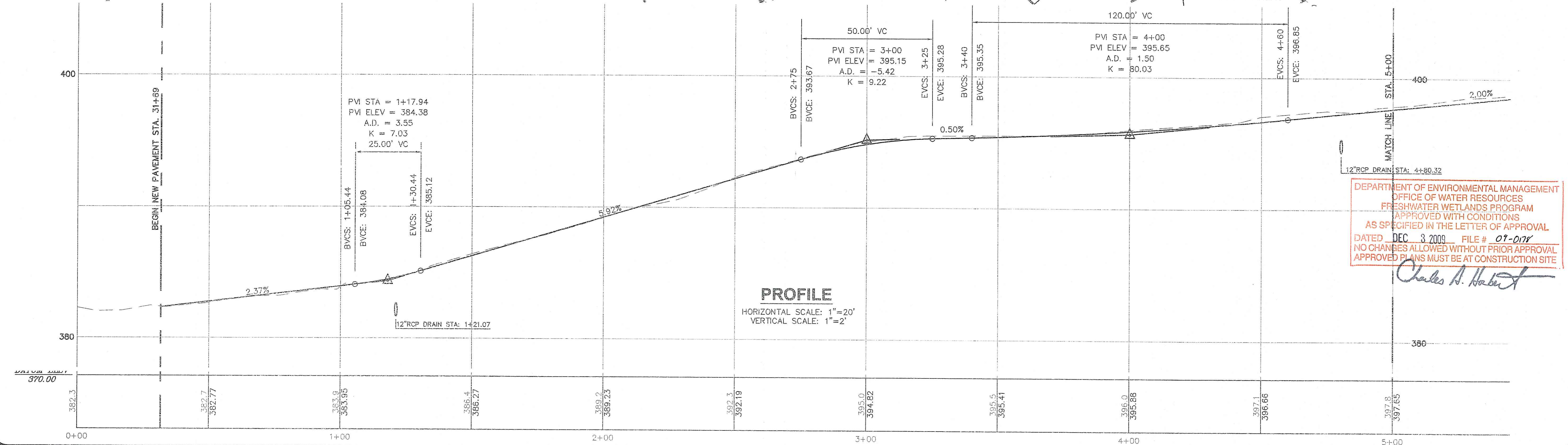
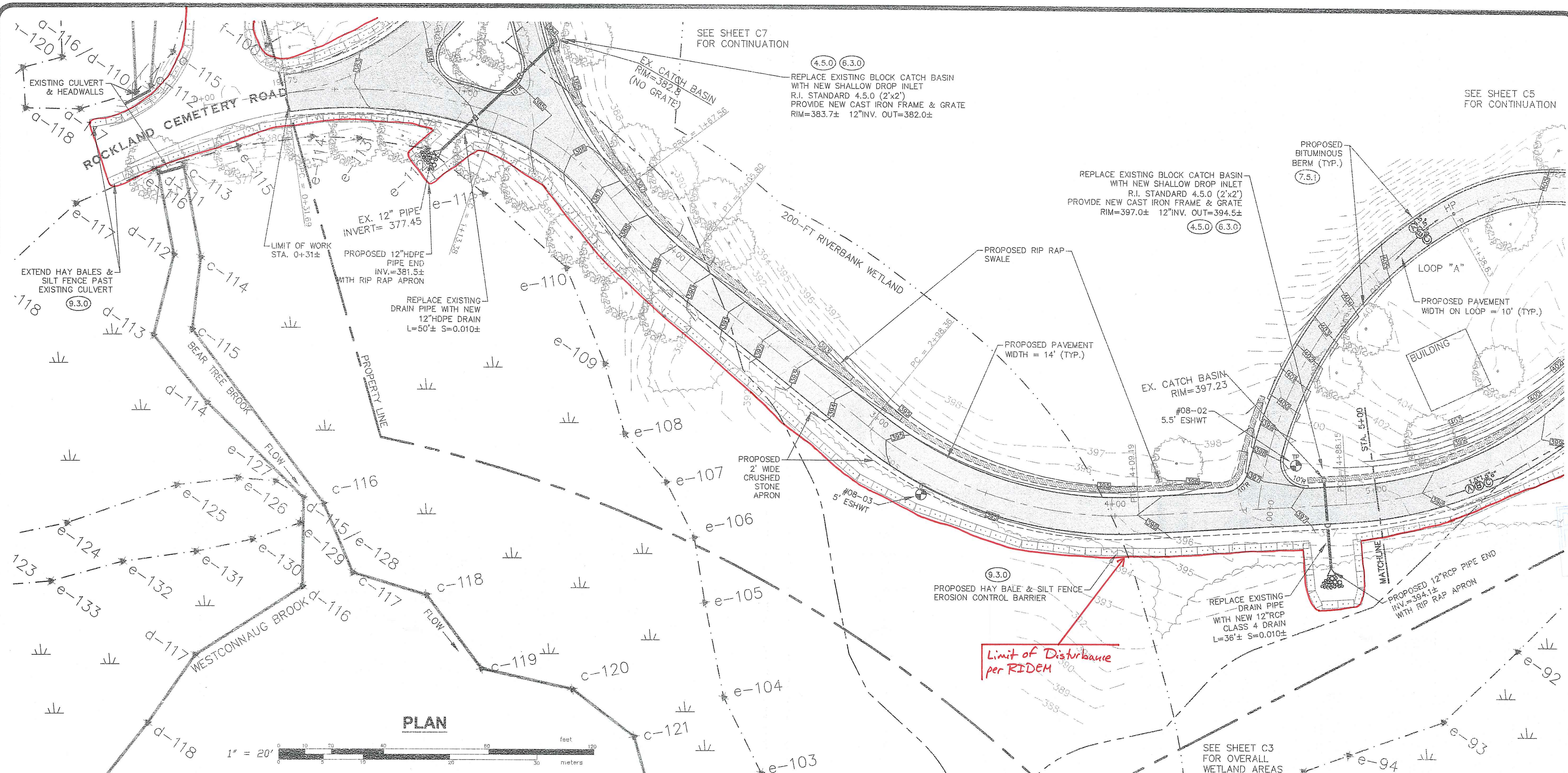
NOTE: PROPOSED EROSION CONTROL BARRIER (HAY BALE & SILT FENCE LINE) SHALL BE THE LIMIT OF WORK (ALONG EXISTING TREELINE, TYPICALLY).

IN AREAS WHERE EROSION CONTROL BARRIER IS NOT INDICATED, THE LIMIT OF WORK SHALL BE WITHIN THE EXISTING TREELINE.

NO EXISTING TREES ARE PROPOSED TO BE REMOVED AS PART OF THE PROPOSED WORK, EXCEPT WHERE SPECIFICALLY INDICATED ON THESE PLANS.



L:\XXXX-XX.dwg \Path\XXXX-Name.dwg
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ROADWAY PLAN & PROFILE 1
 FOR
ROCKLAND CEMETERY
ROADWAY IMPROVEMENTS
 SITUATED ON
ROCKLAND CEMETERY ROAD
SCITUATE, RHODE ISLAND
 PREPARED FOR
PROVIDENCE WATER SUPPLY BOARD

NO.	REVISION	BY	DATE
1	Wetlands, drainage, misc.	MNB	2/10/09
2	RI DEM Comments	MNB	10/23/09

OCT 27 2009

CARL J. ADAMO
 4211
 PROFESSIONAL ENGINEER
 10-23-09

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 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED DEC 3 2009 FILE # 01-018
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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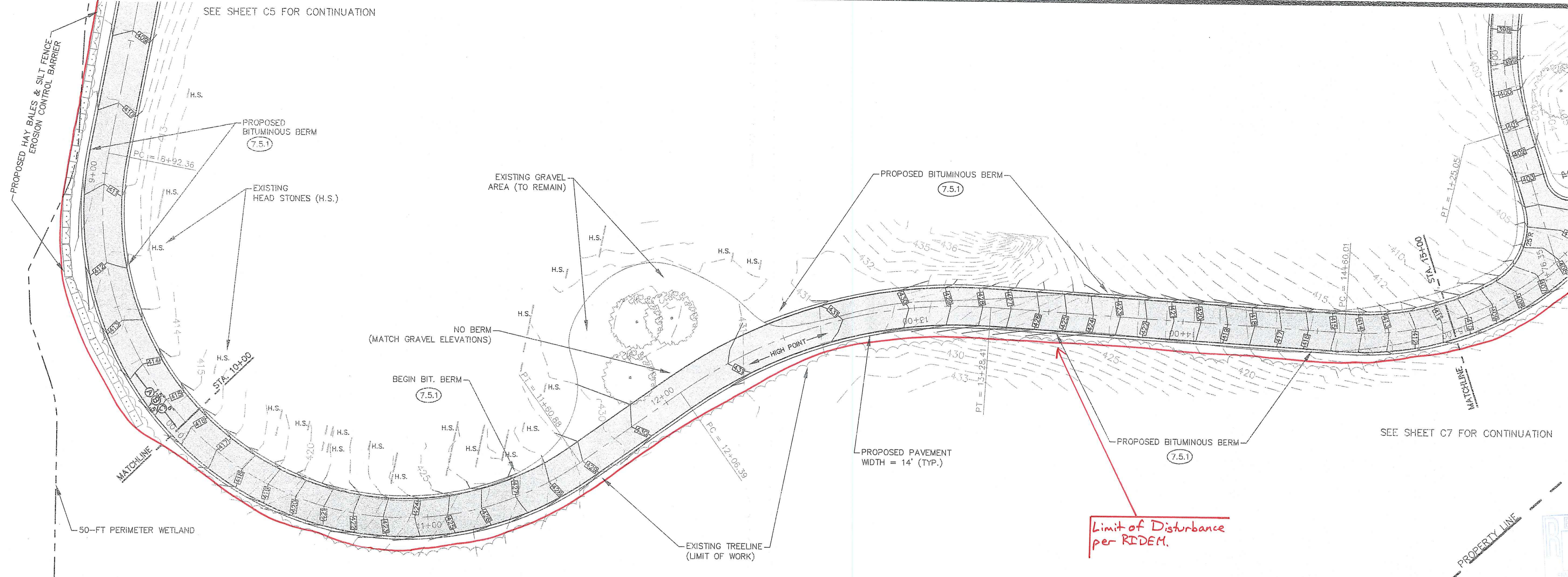
JOB NO. 6534-00	DRAWN BY: J.V. MNB
DWG. NO. 6534-BASE.DWG	CHECKED: MWC
SCALE: 1"=20'	APPROVED: CJA
SHEET	DATE: FEB 19, 2008

C4
 OF 8 SHEETS

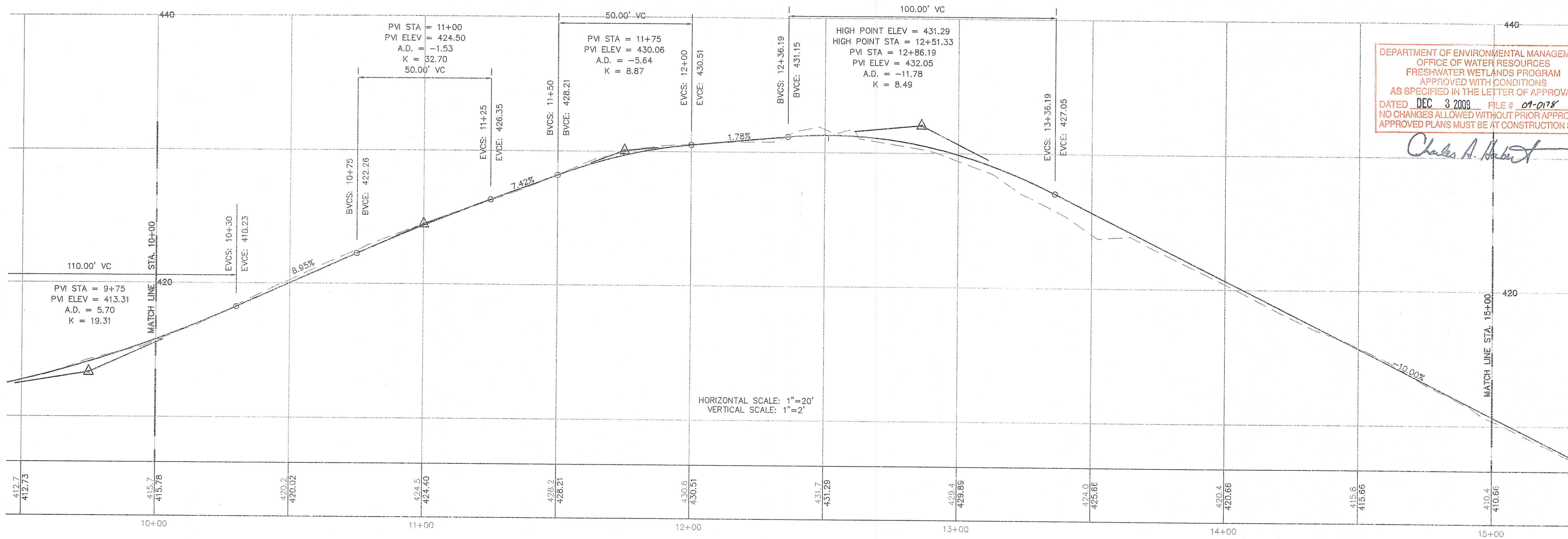
L:\6534-00 Rockland Cemetery Rd. - Scituate.R\dwg\01-Current\6534-BASE.dwg

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PLAN



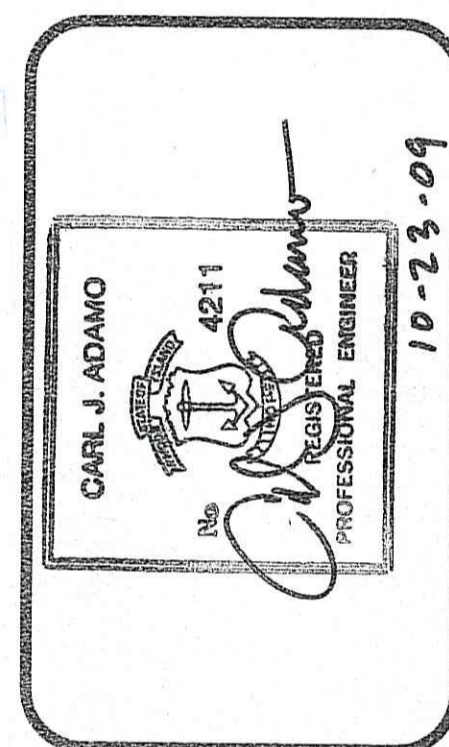
PROFILE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 3 2009 FILE # 09-0178
Charles A. Herbert

Limit of Disturbance per RIDEM.

ROADWAY PLAN & PROFILE 3
FOR
ROCKLAND CEMETERY
ROADWAY IMPROVEMENTS
SITUATED ON
ROCKLAND CEMETERY ROAD
SCITUATE, RHODE ISLAND
PREPARED FOR
PROVIDENCE WATER SUPPLY BOARD

NO.	REVISION	BY	DATE
1	Wetlands, drainage, misc.	MNB	2/10/09
2	RIDEM Comments	MNB	10/23/09



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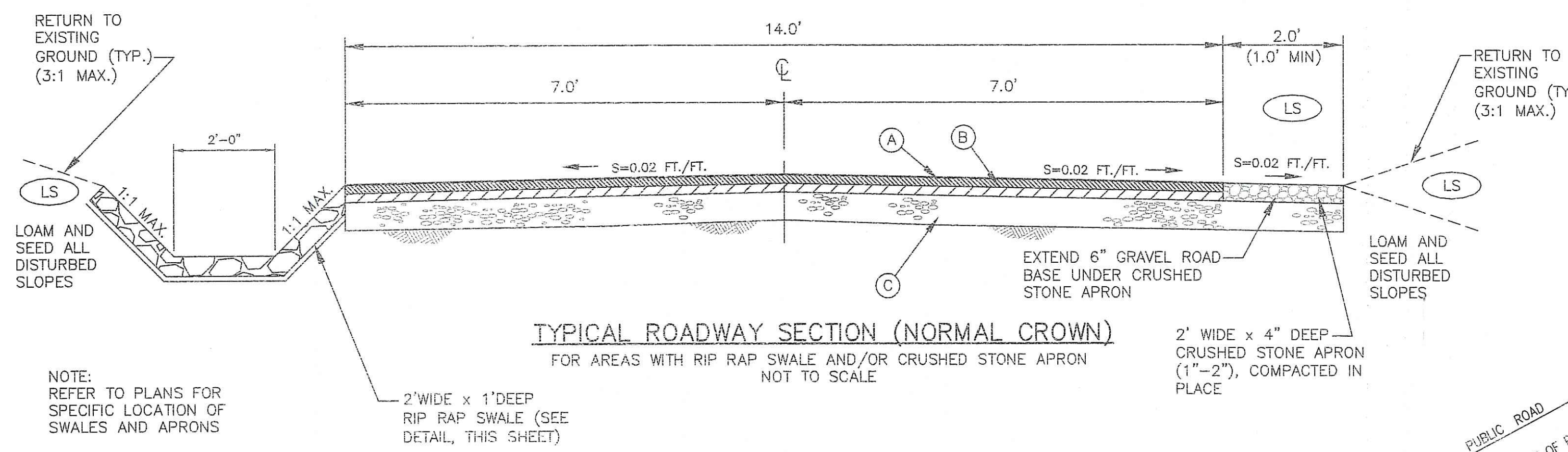
85 CORLISS STREET
P.O. BOX 6145
PROVIDENCE, R.I. 02940
TEL. 401-273-6000

JOB NO. 6534-00	DRAWN BY: JV, MNB
DWG. NO. 6534-BASE.DWG	CHECKED MWC
SCALE: 1"=20'	APPROVED CJA
	DATE: FEB 19, 2008

SHEET
C6
OF 8 SHEETS



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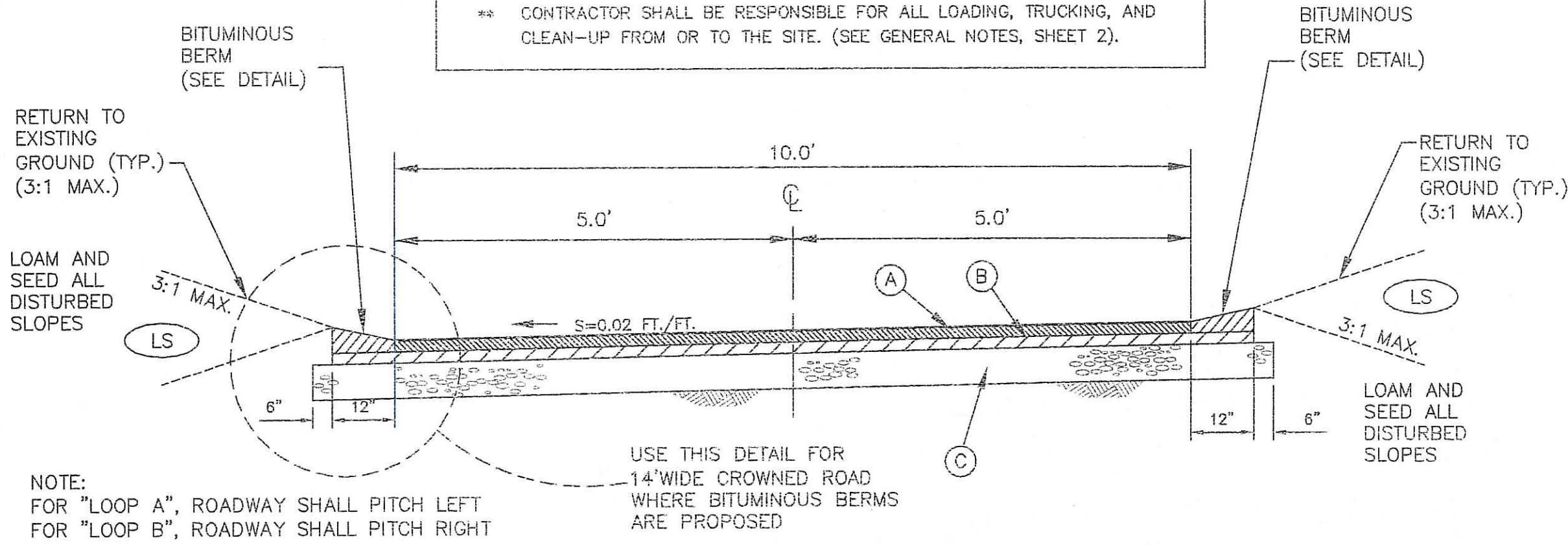


TYPICAL ROADWAY SECTION (NORMAL CROWN)
FOR AREAS WITH RIP RAP SWALE AND/OR CRUSHED STONE APRON
NOT TO SCALE

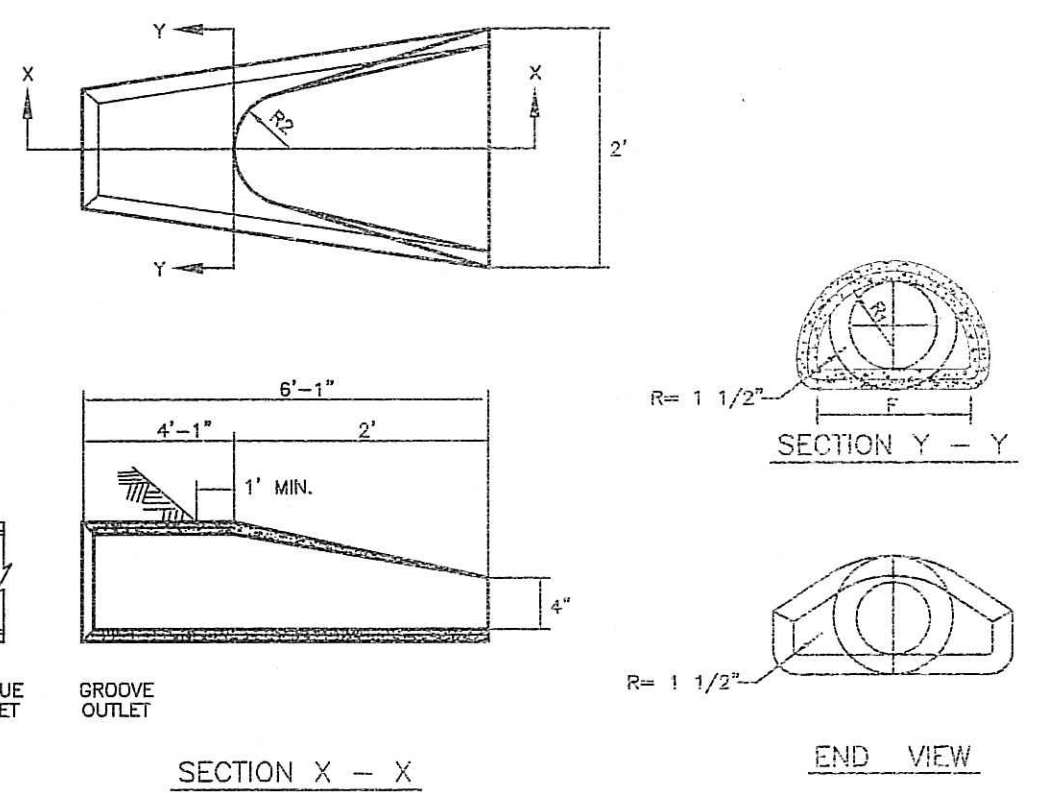
TYPICAL SECTION LEGEND

(A)	1-1/2" TYPE I-1 BITUMINOUS SURFACE COURSE
(B)	1-1/2" BITUMINOUS BASE COURSE
(C)	EXCAVATE 6" OF EXISTING GRAVEL BASE (MIN) AND REPLACE REMAINDER WITH NEW GRAVEL SUBBASE COURSE
(LS)	LOAM & SEED

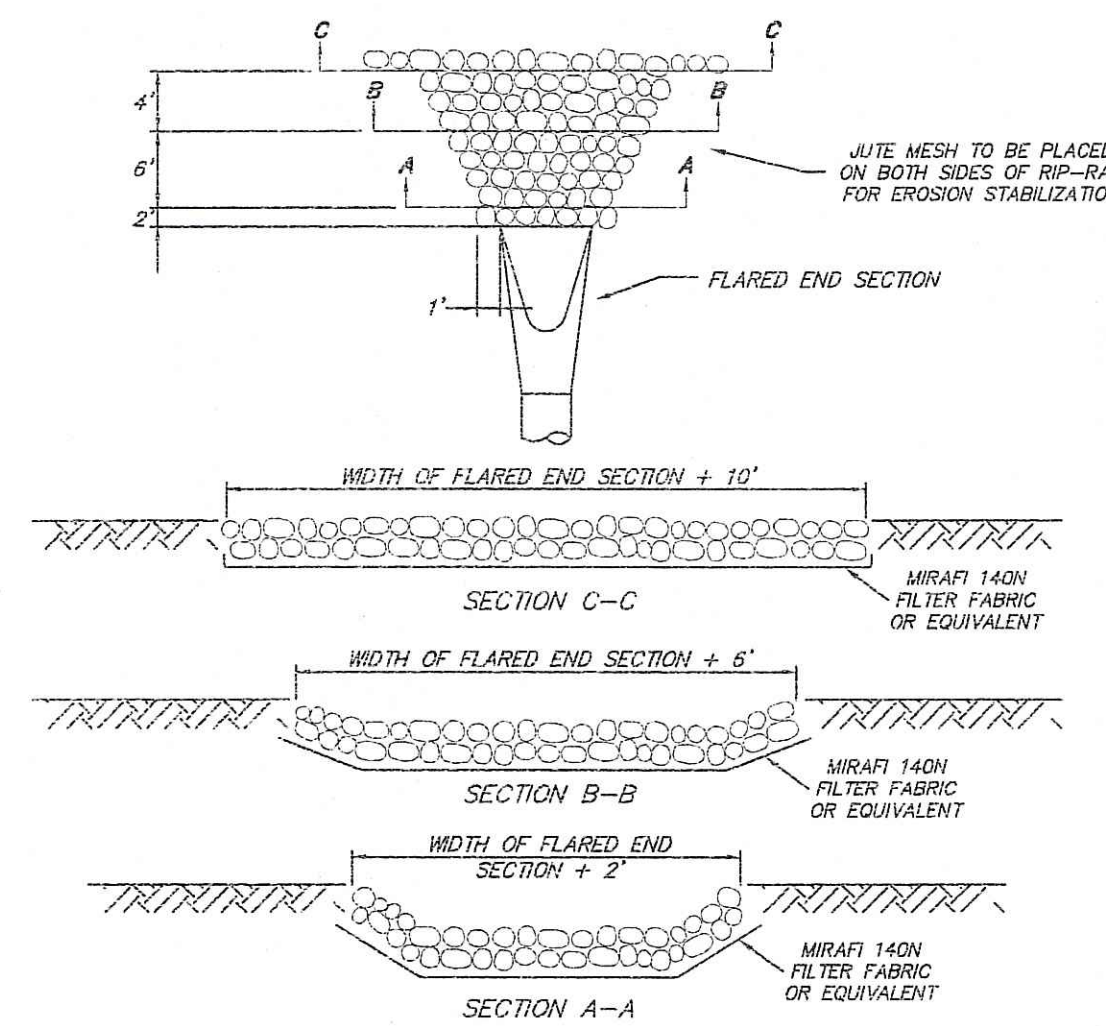
CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOADING, TRUCKING, AND CLEAN-UP FROM OR TO THE SITE. (SEE GENERAL NOTES, SHEET 2).



"LOOP" ROADWAY SECTION (SUPERELEVATED)
NOT TO SCALE

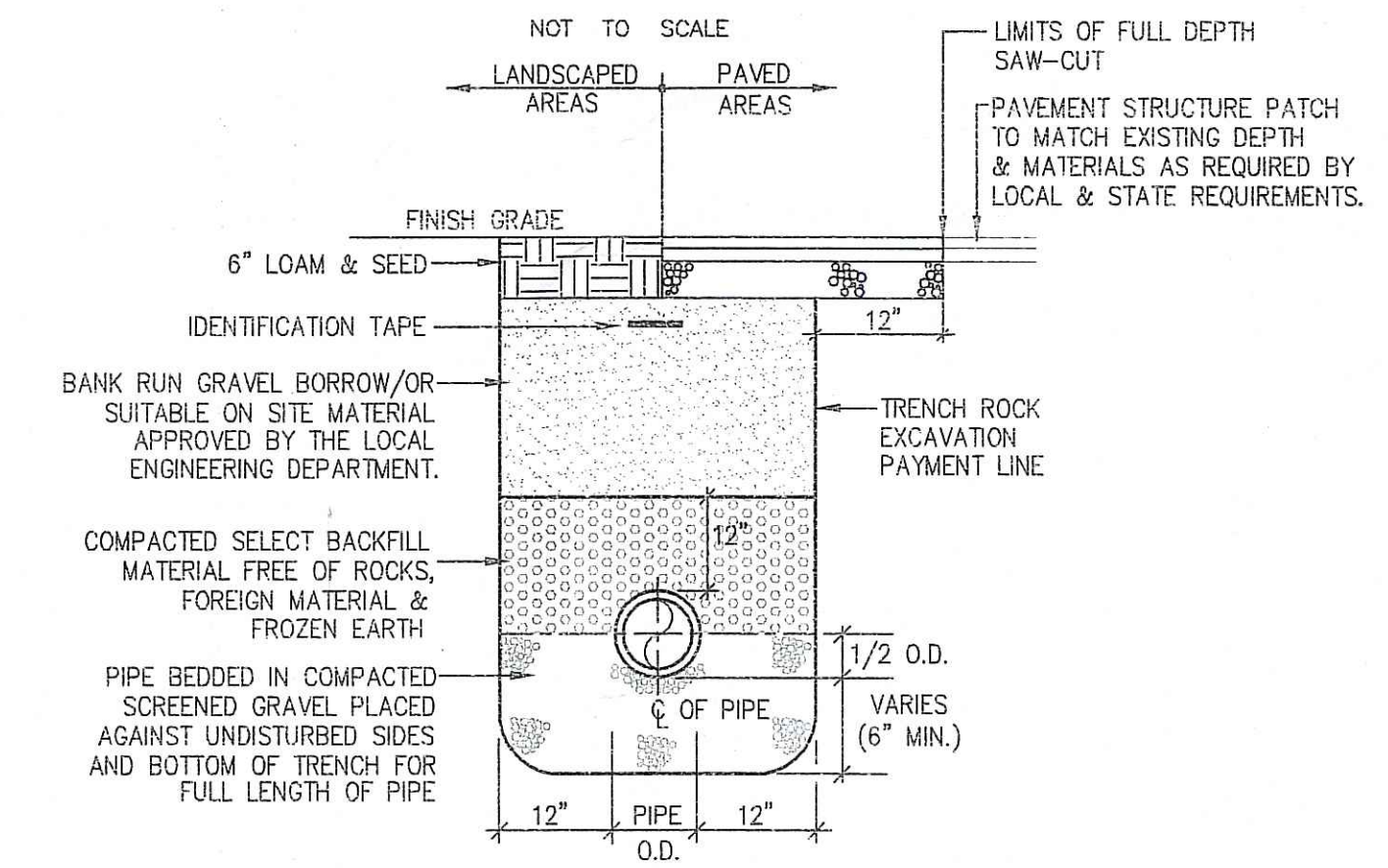


PRECAST CONCRETE FLARED END SECTION
R.I. STD. 2.6 NOT TO SCALE

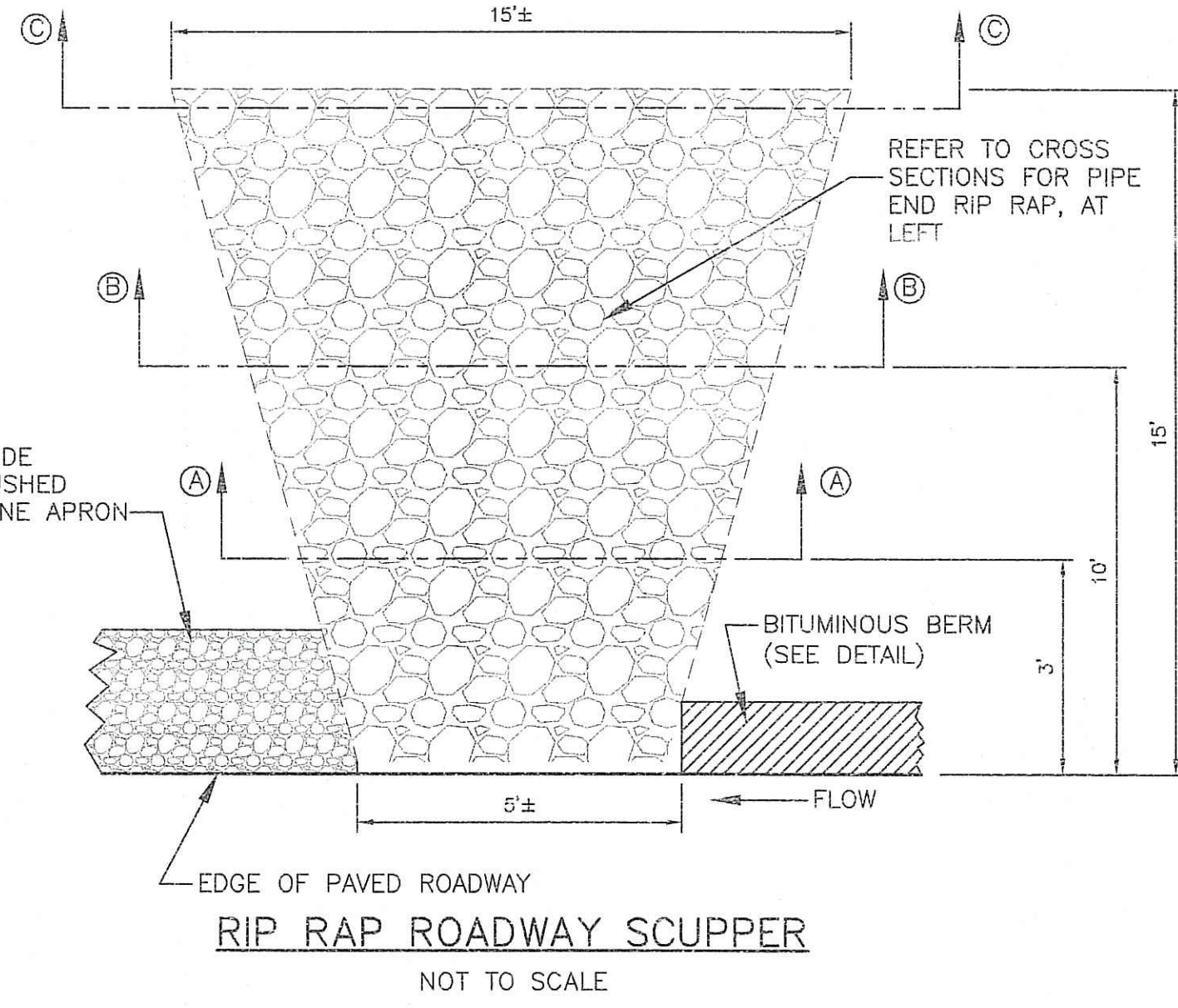


- NOTES:**
- UNLESS OTHERWISE SPECIFIED, CLASS "C" RIP-RAP IS TO BE USED FOR ALL FLARED ENDS.
 - DIMENSIONS MAY BE MODIFIED BY ENGINEER TO MEET FIELD CONDITIONS.
 - UNLESS OTHERWISE SPECIFIED, DUMPED RIP-RAP SHALL BE USED.
 - USE ONLY SECTION A-A FOR ROOF DRAINS.

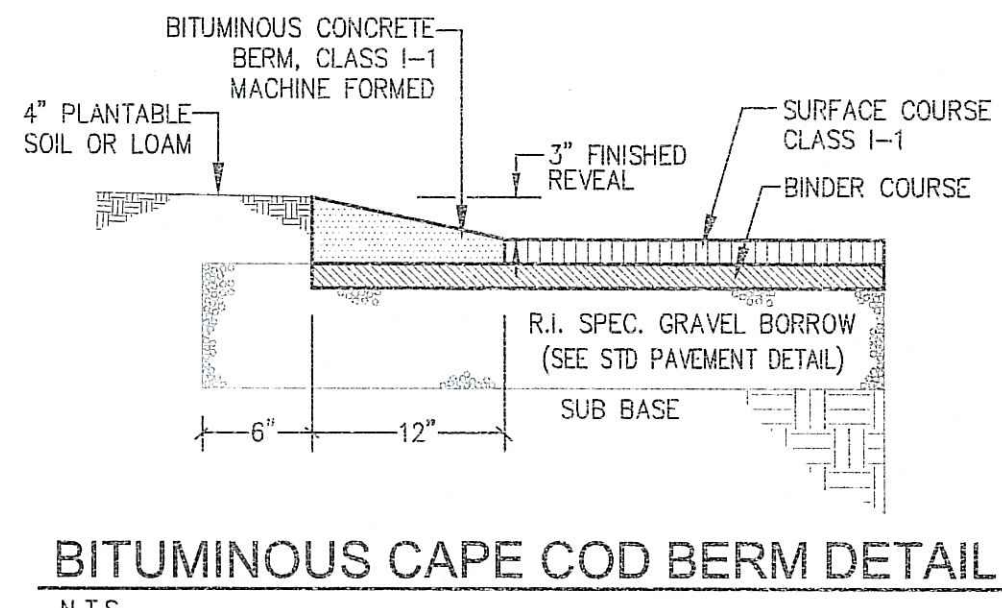
RIP RAP AT FLARED END SECTION
N.T.S.



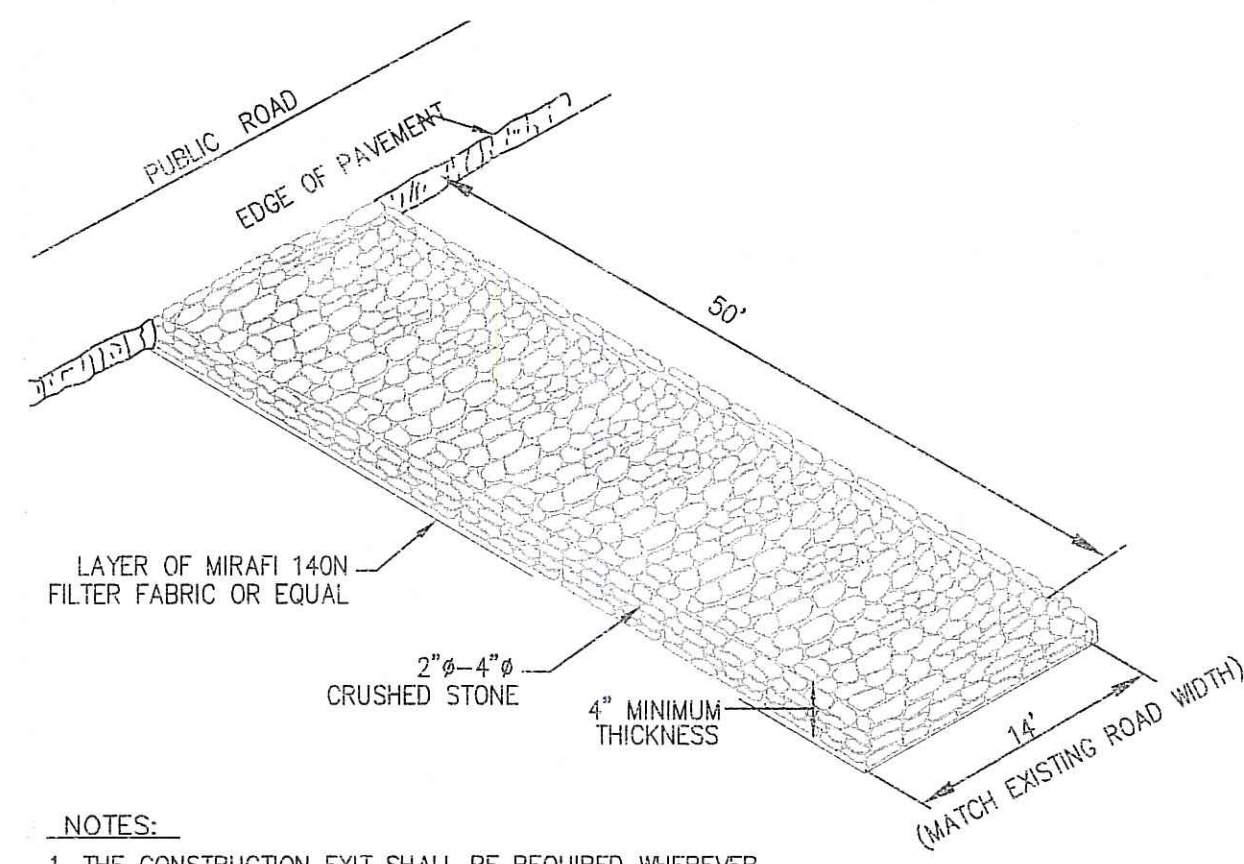
DRAIN TRENCH SECTION
NOT TO SCALE



RIP RAP ROADWAY SCUPPER
NOT TO SCALE

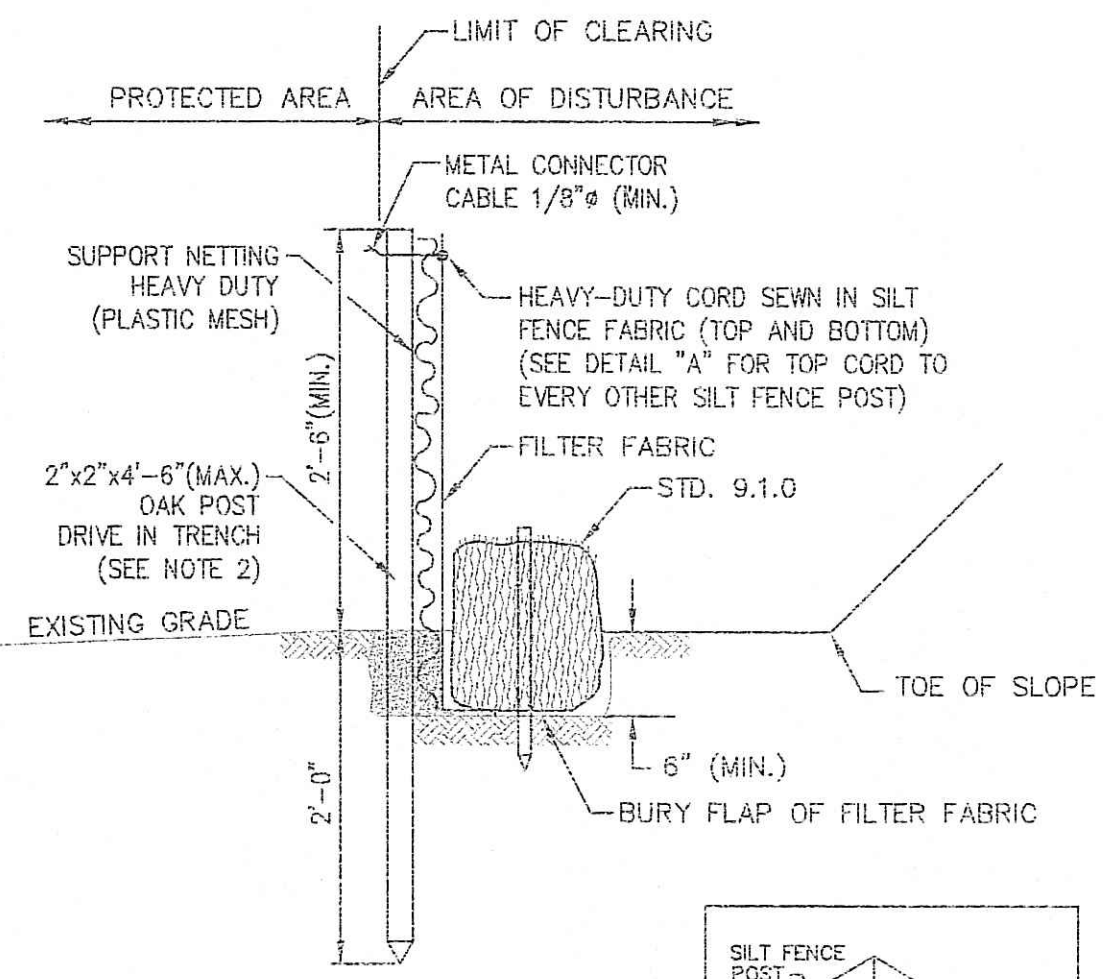


BITUMINOUS CAPE COD BERM DETAIL
N.T.S.



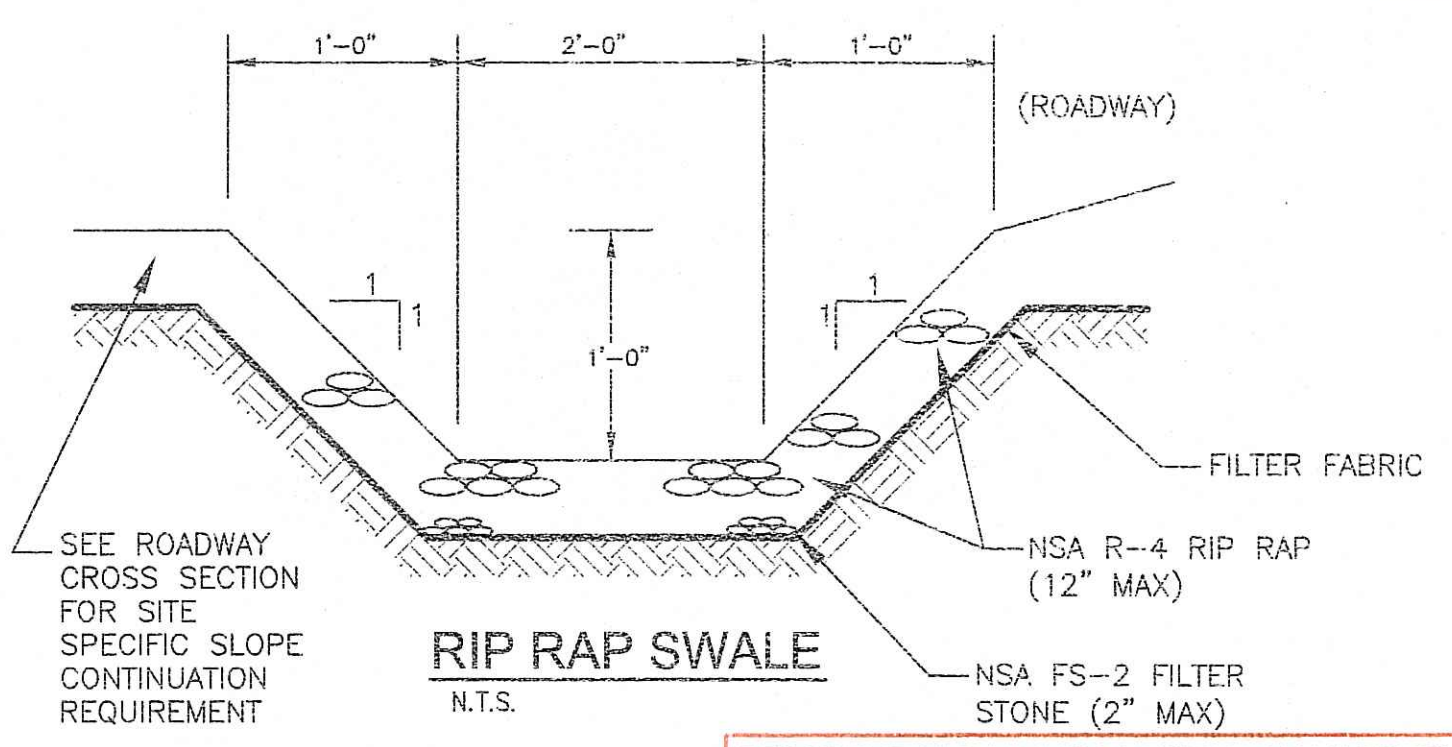
- NOTES:**
- THE CONSTRUCTION EXIT SHALL BE REQUIRED WHEREVER THE PAVEMENT STOPS AND GRAVEL ROAD OR GRAVEL TURNOUT BEGINS.

CONSTRUCTION ENTRANCE/EXIT DETAIL
N.T.S.

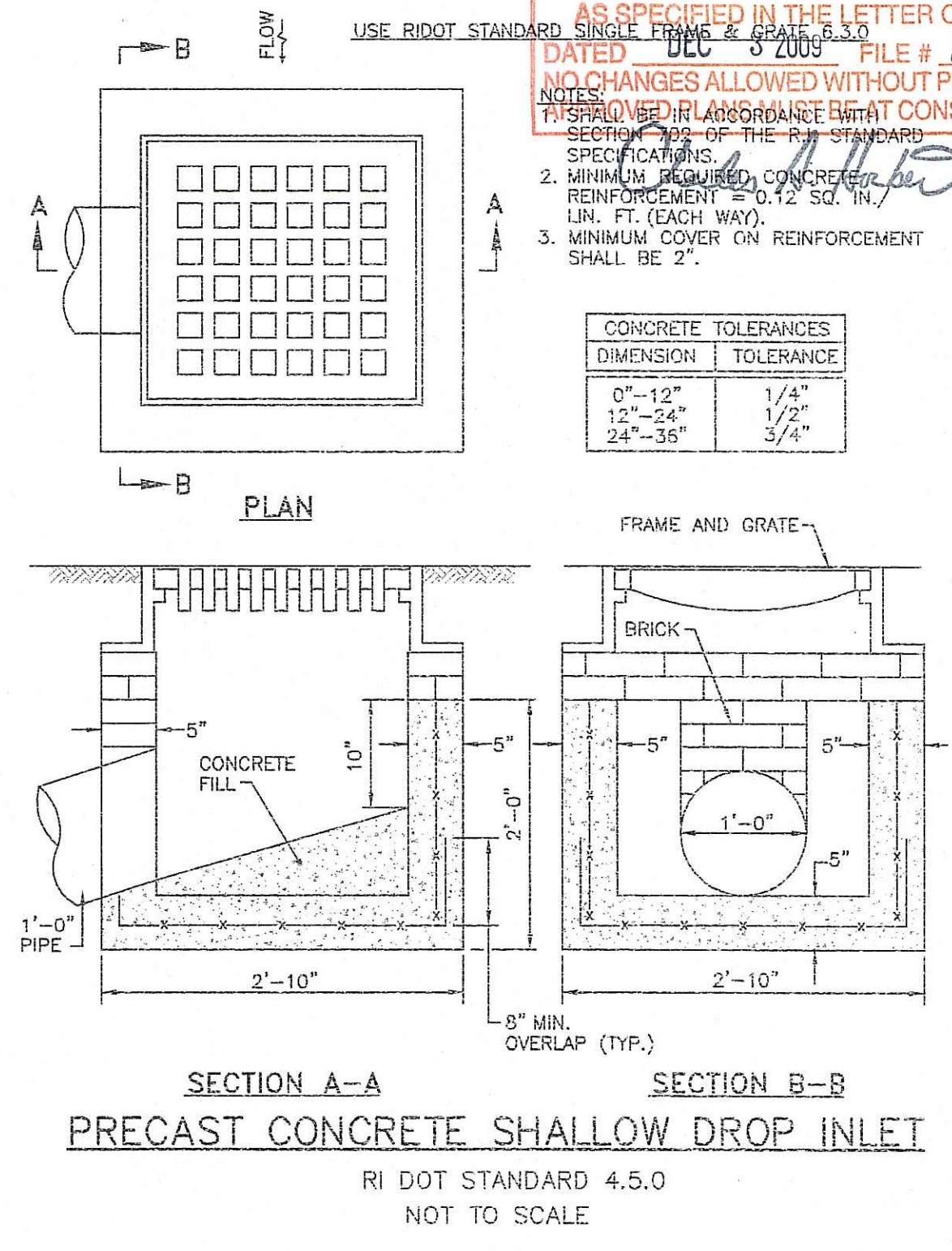


- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 - STD. 9.1.0 IS INSTALLED "TIGHT" AGAINST SILT FENCE THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICE. SILT FENCE FABRIC SHALL NOT BE SILT.
 - STD. 9.1.0 POST SHALL 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 REVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 - 1"x1"x4'-6" (MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 - SILT FENCE AND BALED HAY SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.
 - SILT FENCE AND BALED HAY SHALL BE REQUIRED IN ALL LOCATIONS THAT EROSION CONTROL IS SPECIFIED.

DETAIL OF HAYBALE & SILT BARRIER
R.I. STD., 9.3.0
N.T.S.



RIP RAP SWALE
N.T.S.



PRECAST CONCRETE SHALLOW DROP INLET
R.I. DOT STANDARD 4.5.0
NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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FRESHWATER WETLANDS PROGRAM
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DATED DEC 8 2009 FILE # 09-0178
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IN THE FIELD OR AT CONSTRUCTION SITE

CONCRETE TOLERANCES

DIMENSION	TOLERANCE
0'-12"	1/4"
12'-24"	1/2"
24'-36"	3/4"

DETAIL SHEET
FOR
ROCKLAND CEMETERY ROADWAY IMPROVEMENTS
SITUATED ON
ROCKLAND CEMETERY ROAD
SCITUATE, RHODE ISLAND
PREPARED FOR
PROVIDENCE WATER SUPPLY BOARD

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1	Wetlands, drainage, misc.	MNB	2/10/09
2	RI DEM Comments	MNB	10/23/09

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ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES

CAROL J. ADAMO
REGISTERED PROFESSIONAL ENGINEER
10-23-09

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LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

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TEL. 401-273-6000

JOB NO. 6534-00	DRAWN BY: JSV, MNB
DWG. NO. 6534-BASE.DWG	CHECKED: MWC
SCALE: AS NOTED	APPROVED: CJA
SHEET	DATE: FEB 19, 2008

C8

OF 8 SHEETS