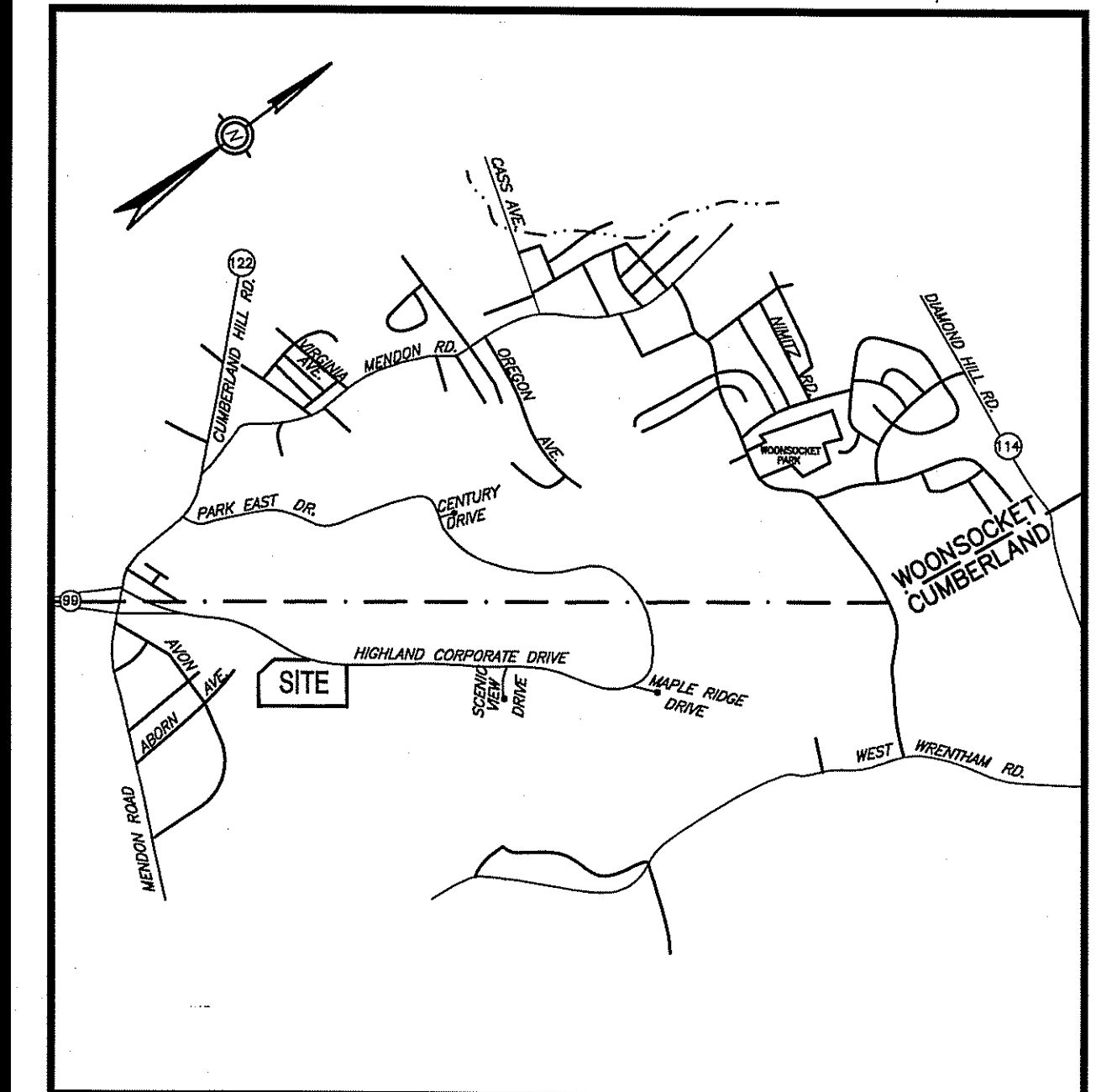


SITE PLANS
 FOR
CVS CUSTOMER SUPPORT CENTER
ASSESSOR'S PLAT 52, LOT 360 AND
PORTION OF ASSESSOR'S PLAT 51, LOT 11
HIGHLAND CORPORATE DRIVE
CUMBERLAND, RHODE ISLAND
ZONING DISTRICT - I-1



LOCATION MAP
NOT TO SCALE

INDEX OF DRAWINGS

DRAWING No.	PLAN
C1	GENERAL NOTES AND LEGEND
C2	VICINITY MAP
C3	AERIAL PHOTO
C4	200' RADIUS MAP
C5	EXISTING CONDITIONS PLAN
C6	SOIL EROSION AND SEDIMENT CONTROL PLAN
C7	SITE LAYOUT PLAN
C8	GRADING AND DRAINAGE PLAN
C9	UTILITY PLAN
C10.1 - C10.6	MISCELLANEOUS DETAIL PLANS 1-6
E1.1	LIGHTING PLAN
E1.2	LIGHTING DETAIL PLAN
L1.1	LANDSCAPE PLAN
L1.2	PLANTING PLAN - AREA A
L1.3	PLANTING PLAN - AREA B
L1.4	PLANTING PLAN - AREA C-1
L1.5	PLANTING PLAN - AREA C-2
L1.6	PLANTING PLAN - AREA C-3
L1.7	PLANTING DETAILS
A-201	EXTERIOR ELEVATION - 1
A-202	EXTERIOR ELEVATION - 2

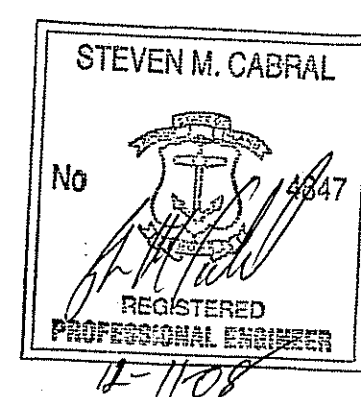
ARCHITECT:
CUBE 3 STUDIO
 360 MERRIMACK STREET
 LAWRENCE, MASSACHUSETTS 01843
 (978) 989-9900

LANDSCAPE ARCHITECT:
GATES, LEIGHTON & ASSOCIATES, INC.
 865-A WATERMAN AVENUE
 EAST PROVIDENCE, RHODE ISLAND 02914
 (401) 438-2071

ENGINEERS:



CROSSMAN ENGINEERING, INC.
 151 Centerville Road
 Warwick, Rhode Island 02886
 Phone: (401) 738-5660 - Fax: (401) 738-8157
 Email: cei@crossmaneng.com



OCTOBER 2008
 SHEET 1 of 27

OWNER/APPLICANT:

ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
 1300 HIGHLAND CORPORATE DRIVE, SUITE 202
 CUMBERLAND, RHODE ISLAND 02864
 (401) 658-1050
 AND
HIGHLAND HILLS, LLC
 177 OLD RIVER ROAD
 LINCOLN, RHODE ISLAND 02865
 (401) 270-0600

PREPARED FOR:
ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
 1300 HIGHLAND CORPORATE DRIVE, SUITE 202
 CUMBERLAND, RHODE ISLAND 02864
 (401) 658-1050

RIDEM WETLAND SUBMISSION

REVISIONS:

NO.:	DATE:	DESCRIPTION:
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PERMIT DIVISION
 APPROVED WITH CONDITIONS

AS SPECIFIED IN THE LETTER OF APPROVAL DATED DEC 8, 2008 FILE # 06-0351
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 PLANS MUST BE AT CONSTRUCTION

RECEIVED
DEC 16 2008

Charles A. Hart

GENERAL NOTES:

- ALL EXISTING UTILITIES HAVE BEEN PLOTTED BASED UPON BEST AVAILABLE INFORMATION AND REPRESENT APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE & UTILITIES, BOTH UNDERGROUND AND OVERHEAD, BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH "DIG SAFE PROGRAM LAW" ENACTED BY THE R.I. LEGISLATURE AND BY CONTACTING THE INDIVIDUAL UTILITY COMPANIES. EXCAVATION SHALL BE IN ACCORDANCE WITH ALL STATUTES, ORDINANCES, RULES AND REGULATIONS OF ANY CITY, STATE OR FEDERAL AGENCY THAT MAY APPLY. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- SPECIFICATIONS TO GOVERN THIS PROJECT ARE R.I.D.O.T. STANDARD SPECIFICATIONS. FOR ALL EXCAVATION, PLACE OF FILL, PIPE INSTALLATION, BITUMINOUS PAVEMENT, CUTTING INTO CATCHBASIN/MANHOLES, CONCRETE AND SAWCUTTING, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION, WITH LATEST REVISIONS UNLESS OTHERWISE SHOWN ON PLANS. THE "METHOD OF MEASUREMENT" AND "BASIS OF PAYMENT" ARE NOT APPLICABLE. THESE SPECIFICATIONS CAN BE PURCHASED FROM THE OFFICE OF:
CONTRACTS AND SPECIFICATIONS
RIDOT, TWO CAPITOL HILL, ROOM 331
PROVIDENCE, RI 02903 TEL (401)277-2495, EXT. 4400
- FOR ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE R.I. STANDARD SPECIFICATION SECTION 202.
- RHODE ISLAND STANDARDS REFERENCED ARE ACCORDING TO THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS "RHODE ISLAND STANDARD DETAILS" DATED JUNE 27, 2008, WITH ALL REVISIONS AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR MUST VERIFY PRIOR TO CONSTRUCTION THAT ALL REQUIRED AUTHORIZATION TO PERFORM WORK HAS BEEN OBTAINED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION OPERATIONS INCLUDING ALL ACTIONS OR OMISSIONS OF ANY SUBCONTRACTORS, AGENTS OR EMPLOYEES. THE CONTRACTOR MUST ENSURE THAT THE CONDITIONS OF ALL PERMITS, SPECIFICATIONS AND FEDERAL, STATE AND LOCAL REGULATIONS ARE STRICTLY ENFORCED. THE CONTRACTOR IS ALSO RESPONSIBLE FOR ASPECTS OF ON-SITE SAFETY INCLUDING ANY DAMAGE TO EXISTING STRUCTURES.
- WORK SHOWN ON THE PLANS FOR WHICH THERE ARE NO PARTICULAR DETAILS OR SPECIFICATIONS DOES NOT RELIEVE THE CONTRACTOR FROM FINISHING AND INSTALLING THE WORK. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE CONTRACT DOCUMENTS AND PLANS AND INSPECT THE SITE, AND THE BID PRICE SHALL INCLUDE ALL SERVICES AND MATERIALS NECESSARY TO COMPLETE THE PROJECT. ANY CHANGES TO THE PROJECT OR THE INSTALLATION OF AN ITEM FOR WHICH NO PARTICULAR DETAIL OR SPECIFICATION WAS PROVIDED MUST BE REVIEWED BY AND MUST BE ACCEPTABLE TO THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING CONDITIONS DIMENSIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ANY WORK.
- ALL DISTURBED AREAS SHALL BE REPLACED IN KIND UNLESS OTHERWISE SHOWN.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY CONSTRUCTION SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)
- TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
- THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS WILL NOT BE PARKED IN THE ROAD RIGHT-OF-WAY.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS, CHANNELING DEVICES, ETC., SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2003 EDITION AND SUBSEQUENT REVISIONS.
- SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE R.I.D.O.T. SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

DRAINAGE SYSTEM MAINTENANCE SCHEDULE:

THE BELOW RECOMMENDATIONS FOR MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM ARE IN ACCORDANCE WITH THE RHODE ISLAND STORMWATER MANAGEMENT STANDARDS.

- FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL INSPECT THE STORMWATER MANAGEMENT SYSTEM AND CLEAN ALL CONSTRUCTION SEDIMENT.
- AN INSPECTION SHALL OCCUR AS NOTED BELOW AND AT A MINIMUM OF ANNUALLY BY QUALIFIED PERSONNEL TO ENSURE PROPER OPERATION. THE INSPECTION SHOULD CONCENTRATE ON THE FOLLOWING:
 - EMBANKMENT SUBSIDENCE
 - EROSION
 - CRACKING
 - TREE GROWTH
 - OUTLET CONDITION
 - SEDIMENT ACCUMULATION
 - SLOPE STABILITY
- SUBSURFACE INFILTRATION/DETENTION SYSTEM:

INSPECTIONS SHALL OCCUR EVERY 6 MONTHS AND WITHIN 3-5 DAYS AFTER EVERY MAJOR STORM. AT A MINIMUM, THE INFILTRATION/DETENTION SYSTEMS SHALL BE CLEANED OF ACCUMULATED SEDIMENT ONCE EVERY TEN YEARS. IF REQUIRED, THE SYSTEMS SHALL BE DEWATERED PRIOR TO DISCHARGE. THE RESULTING SYSTEM CONDITION AFTER SEDIMENT REMOVAL MUST BE THE ORIGINAL DESIGN CONDITION. ALL REMOVED SEDIMENT IS TO BE TESTED TO DETERMINE POLLUTANT CONTENT. THE SEDIMENT IS TO BE PROPERLY DISPOSED IN UPLAND AREAS BASED UPON THE TEST RESULTS AND LOCAL, STATE, AND FEDERAL REGULATIONS.

NOTE: UPON INSPECTION OF SYSTEM, IF STANDING WATER IS OBSERVED IN PIPE FOR MORE THAN 3 DAYS AFTER A STORM EVENT, THE SYSTEM MAY NEED IMMEDIATE REPAIR AND/OR REPLACEMENT. THE OWNER SHALL CONTACT AND ENGINEER FOR FURTHER REVIEW OF CONDITION.
- DEEP SUMP CATCHBASINS:

AN INSPECTION SHALL OCCUR ON AN ANNUAL BASIS OR WHENEVER THE DEPTH OF SEDIMENT IS GREATER THAN OR EQUAL TO ONE HALF THE DEPTH FROM THE BOTTOM OF THE INVERT OF THE LOWEST PIPE IN THE BASIN.
- CATCHBASINS, MANHOLES, AND DRAIN LINES:

AN INSPECTION SHALL OCCUR ON AN ANNUAL BASIS BY QUALIFIED PERSONNEL TO ENSURE PROPER OPERATION. THE INSPECTION SHOULD, AT A MINIMUM, CONCENTRATE ON THE FOLLOWING:

 - DAMAGE TO GRATES/COVERS
 - EVIDENCE OF STANDING WATER
 - DEBRIS REMOVAL
 - STRUCTURAL ALIGNMENT/INTEGRITY

ANY DEFICIENCY NOTED DURING THE INSPECTION WILL BE IMMEDIATELY REPAIRED OR REPLACED.
- OIL/WATER SEPARATOR

IN THE FIRST YEAR OF OPERATION, SEASONAL INSPECTIONS OF THE ACCUMULATED SEDIMENT VOLUME WITHIN THE CHAMBER ARE NECESSARY TO ESTABLISH AN APPROPRIATE MAINTENANCE PLAN. AFTER THE FIRST YEAR, THE INSPECTION SCHEDULE SHOULD BE ESTABLISHED TO CLEAN THE CHAMBER ON A YEARLY BASIS OR MORE FREQUENTLY IF REQUIRED. THE OWNER SHALL MAINTAIN, CONDUCT INSPECTIONS, AND CLEAN THE CHAMBER AS REQUIRED. THE SYSTEM NEEDS TO BE CLEANED WHEN INSPECTION REVEALS THAT THE SEDIMENT DEPTH HAS ACCUMULATED WITHIN SIX INCHES OF THE DRY-WEATHER WATER LEVEL.

CLEAN OUT SHOULD NOT OCCUR WITHIN 24 HOURS OF A RAIN EVENT TO ALLOW ENTIRE COLLECTION SYSTEM TO DRAIN DOWN. ALL REMOVED SEDIMENT IS TO BE TESTED TO DETERMINE POLLUTANT CONTENT AND SHALL BE PROPERLY DISPOSED OF.
- SEDIMENT REMOVAL

FOLLOWING CONSTRUCTION, THE CATCHBASINS ARE TO BE CLEANED OF ACCUMULATED SEDIMENT AS REQUIRED. ALL REMOVED SEDIMENT IS TO BE TESTED TO DETERMINE POLLUTANT CONTENT. THE SEDIMENT IS TO BE PROPERLY DISPOSED IN UPLAND AREAS BASED UPON THE TEST RESULTS AND LOCAL, STATE, AND FEDERAL REGULATIONS.

SOIL SURVEY NOTE:

ACCORDING TO THE SOIL SURVEY OF RHODE ISLAND AND BASED UPON ON-SITE TESTING, THE DEVELOPMENT AREA IS COMPRISED OF:

CANTON AND CHARLTON VERY STONY FINE SANDY LOAMS (Chc) & CANTON AND CHARLTON FINE SANDY LOAMS (Cec)

THE SOIL CONSERVATION SERVICE CLASSIFIES BOTH SOILS AS SUITABLE FOR COMMUNITY DEVELOPMENT. STONINESS AND BEDROCK OUTCROPS ARE PRESENT AND ARE TO BE REMOVED IN DEVELOPMENT AREA.

WETLANDS NOTE:

WETLANDS SHOWN ON THIS PLAN HAVE PREVIOUSLY BEEN VERIFIED BY RIDEM. REFER TO RIDEM APPLICATION NO. 03-0337 (RENEWED BY RIDEM ON 12/10/07).

FLOOD ZONE NOTE:

THE SITE IS WITHIN FLOOD ZONE X, AREAS DETERMINED TO BE OUTSIDE 500 YEAR FLOOD PLAIN, ACCORDING TO FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 440016_0001_B, REVISED FEBRUARY 16, 1990 AND 440016_0003_B, REVISED FEBRUARY 16, 1990.

MAP REFERENCE:

- REFERENCE IS MADE TO THE PLAN SET ENTITLED "HIGHLAND II URBAN COLLECTOR, STATION 18+00 TO STATION 116+04 (STA. 37A+47.67 PARK EAST DRIVE), TOWN OF CUMBERLAND AND CITY OF WOONSOCKET, COUNTY OF PROVIDENCE." R.I. CONTRACT NO. 9450 DATE LAST REVISED: JULY 20, 1994, SHEETS 1-221, PREPARED BY CROSSMAN ENGINEERING INC.
- REFERENCE IS MADE TO A PLAN SET ENTITLED "PROPOSED ZONING AMENDMENT, ASSESSOR'S PLAT 51, LOT 11, HIGHLAND CORPORATE DRIVE, CUMBERLAND, RHODE ISLAND" PREPARED BY CROSSMAN ENGINEERING, INC. MAY 2007, SHEETS 1 THRU 7.

PROPOSED ON-SITE PAVEMENT STRUCTURE:

PARKING AREAS:

- 1-1/2" BITUMINOUS CONCRETE SURFACE COURSE, CLASS 1-1
- 2" BITUMINOUS CONCRETE BASE COURSE
- 8" GRAVEL BORROW SUBBASE

HEAVY DUTY AREAS:

- 1-1/2" BITUMINOUS CONCRETE SURFACE COURSE
- 2" BITUMINOUS CONCRETE BINDER COURSE
- 4" BITUMINOUS CONCRETE BASE COURSE
- 8" GRAVEL BORROW SUBBASE

DRAINAGE SYSTEM NOTE:

STORMWATER RUNOFF GENERATED FROM THIS SITE WILL FLOW INTO AN ON-SITE UNDERGROUND DETENTION/INFILTRATION SYSTEM AND ALSO INTO THE HIGHLAND CORPORATE DRIVE CLOSED DRAINAGE SYSTEM. THIS SYSTEM HAS BEEN DESIGNED TO ACCEPT AND DETAIN RUNOFF FOR THE 2, 10, 25 AND 100 YEAR EVENT.

LAYOUT NOTE:

THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN, AND PRIOR TO THE CONSTRUCTION, THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE OF RHODE ISLAND TO SET AND VERIFY ALL LINES AND GRADES. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY ITEM FOUND WHICH DOES NOT MATCH THE PLANS MUST BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO CONSTRUCTION FOR REVIEW. NO WORK SHALL PROCEED UNTIL AUTHORIZED BY THE ENGINEER.

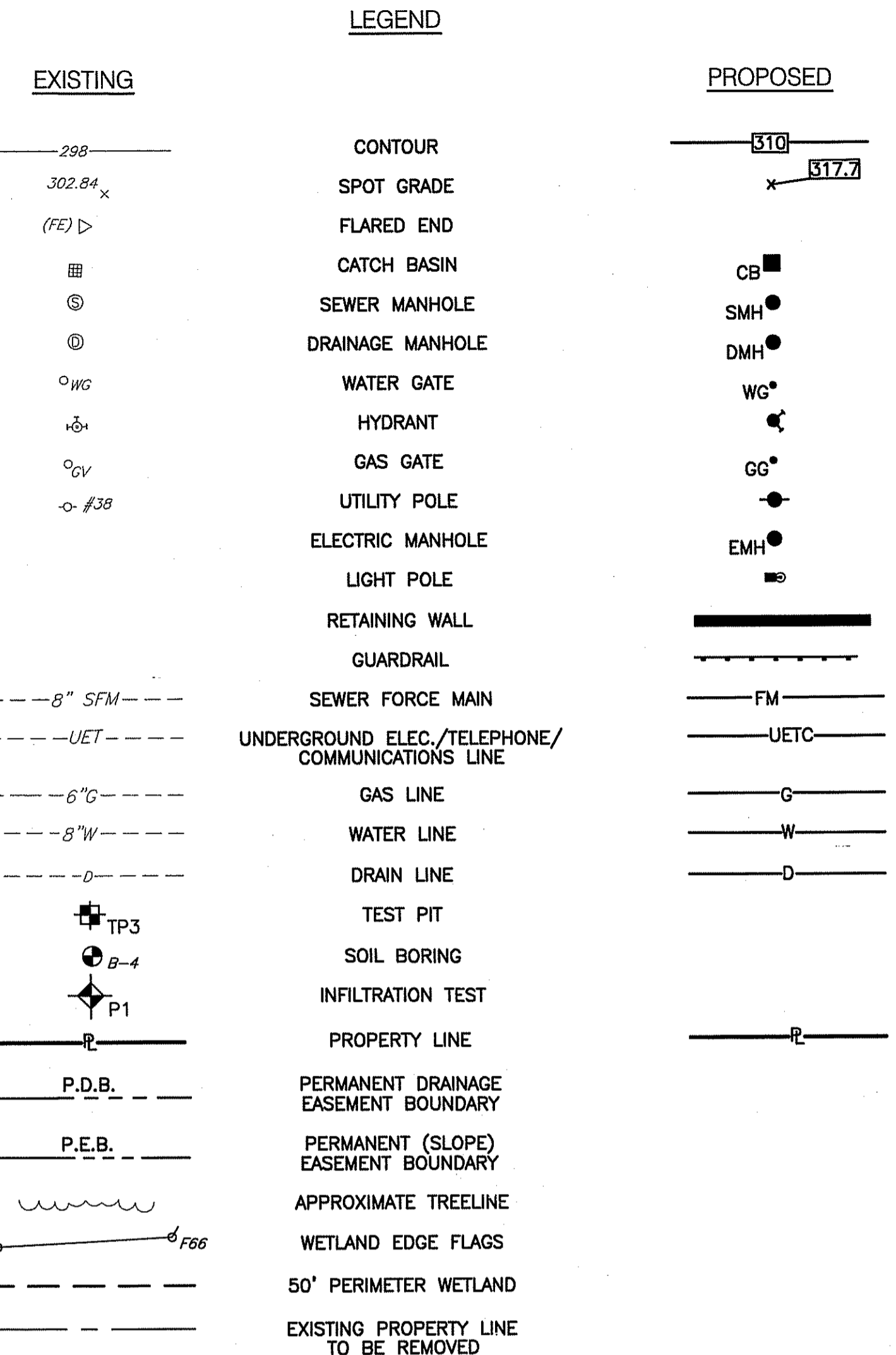
CONSTRUCTION NOTES:

- THE CONTRACTOR IS REQUIRED TO OBTAIN AND REVIEW ALL ENGINEERING DOCUMENTS COMPLETED FOR FINAL DESIGN INCLUDING BUT NOT LIMITED TO GEOTECHNICAL REPORTS. THE GEOTECHNICAL REPORTS SPECIFY SOIL COMPACTION METHODS AND OTHER CONSTRUCTION RELATED REQUIREMENTS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO INSTALLATION OF UTILITIES ON SITE. THE COORDINATION IS NECESSARY FOR THE ENGINEER TO SCHEDULE SITE INSPECTIONS AS REQUIRED.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN DETAILED AS-BUILT INFORMATION FOR ALL UTILITY INSTALLATION. AS-BUILT INFORMATION INCLUDES MATERIAL LIST, PIPE DEPTH NOTATIONS AND SWING TIE LOCATIONS (2 MINIMUM) FROM NEW PIPE TO BUILDING CORNERS. ALL PIPE BEND/ELBOW LOCATIONS SHALL BE DIMENSIONED.

SOIL EVALUATION DATA

SOIL EVALUATIONS WERE CONDUCTED BY CROSSMAN ENGINEERING INC. ON 9/24/08.

TP1 CEI	TP2 CEI	TP3 CEI	TP4 CEI	TP5 CEI
<p>2" ORGANIC LITTER Oi</p> <p>(EL.=360.0) 0" DARK YELLOWISH BROWN FINE SANDY LOAM (VERY FRIABLE) A</p> <p>2" DARK YELLOWISH BROWN FINE SANDY LOAM Bw1 (VERY FRIABLE)</p> <p>18" YELLOWISH BROWN VERY FINE SANDY LOAM Bw2 (VERY FRIABLE)</p> <p>28" GRAYISH BROWN STONY GRAVELLY LOAMY SAND C1 (FRIABLE)</p> <p>(EL.=351.7) 100" REFUSAL (POSSIBLE LEDGE/BOULDERS) NO WATER SEEPAGE (DRY @ 100") NO REDOX FEATURES 44" ROOTS RIDEM SOIL CATEGORY = 7m</p>	<p>3" ORGANIC LITTER Oi</p> <p>(EL.=348.0) 0" DARK YELLOWISH BROWN FINE SANDY LOAM (VERY FRIABLE) A</p> <p>4" DARK YELLOWISH BROWN FINE SANDY LOAM Bw1 (VERY FRIABLE)</p> <p>16" YELLOWISH BROWN VERY FINE SANDY LOAM Bw2 (VERY FRIABLE)</p> <p>37" GRAYISH BROWN STONY GRAVELLY LOAMY SAND C1 (FRIABLE)</p> <p>66" GRAYISH BROWN VERY STONY GRAVELLY LOAMY SAND C2 (FRIABLE)</p> <p>(EL.=340.0) 96" REFUSAL (POSSIBLE LEDGE/BOULDERS) NO WATER SEEPAGE (DRY @ 96") NO REDOX FEATURES 44" ROOTS RIDEM SOIL CATEGORY = 7m</p>	<p>2" ORGANIC LITTER Oi</p> <p>(EL.=352.0) 0" DARK YELLOWISH BROWN FINE SANDY LOAM (VERY FRIABLE) A</p> <p>4" DARK YELLOWISH BROWN FINE SANDY LOAM Bw1 (VERY FRIABLE)</p> <p>18" YELLOWISH BROWN VERY FINE SANDY LOAM Bw2 (VERY FRIABLE)</p> <p>32" GRAYISH BROWN STONY GRAVELLY LOAMY SAND C1 (FRIABLE)</p> <p>55" GRAYISH BROWN VERY STONY GRAVELLY LOAMY SAND C2 (FRIABLE)</p> <p>(EL.=345.5) 78" REFUSAL (POSSIBLE LEDGE/BOULDERS) NO WATER SEEPAGE (DRY @ 78") NO REDOX FEATURES 46" ROOTS RIDEM SOIL CATEGORY = 7m</p>	<p>2" ORGANIC LITTER Oi</p> <p>(EL.=348.0) 0" DARK YELLOWISH BROWN FINE SANDY LOAM (VERY FRIABLE) A</p> <p>5" DARK YELLOWISH BROWN FINE SANDY LOAM Bw1 (VERY FRIABLE)</p> <p>22" YELLOWISH BROWN VERY FINE SANDY LOAM Bw2 (VERY FRIABLE)</p> <p>34" GRAYISH BROWN STONY GRAVELLY LOAMY SAND C1 (FRIABLE)</p> <p>(EL.=342.0) 60"/72" REFUSAL (POSSIBLE LEDGE/BOULDERS) NO WATER SEEPAGE (DRY @ 60") NO REDOX FEATURES 44" ROOTS RIDEM SOIL CATEGORY = 7m</p>	<p>2" ORGANIC LITTER Oi</p> <p>(EL.=354.0) 0" DARK YELLOWISH BROWN FINE SANDY LOAM (VERY FRIABLE) A</p> <p>3" DARK YELLOWISH BROWN FINE SANDY LOAM Bw1 (VERY FRIABLE)</p> <p>14" YELLOWISH BROWN VERY FINE SANDY LOAM Bw2 (VERY FRIABLE)</p> <p>36" GRAYISH BROWN STONY GRAVELLY LOAMY SAND C1 (FRIABLE)</p> <p>(EL.=347.5) 78" REFUSAL (POSSIBLE LEDGE/BOULDERS) NO WATER SEEPAGE (DRY @ 78") NO REDOX FEATURES 59" ROOTS RIDEM SOIL CATEGORY = 7m</p>



LEGEND

P1	10 MIN./IN.
P2	5 MIN./IN.
P3	5 MIN./IN.
P4	5 MIN./IN.
P5	5 MIN./IN.
P6	5 MIN./IN.

NOTE: INFILTRATION TESTS WERE CONDUCTED BY CROSSMAN ENGINEERING, INC. USING A TURF TEC DOUBLE RING INFILTRATOR. RESULTS ARE ATTACHED TO THE LETTER OF APPROVAL. DATE: DEC 31 2008 FILE # 08-0351. NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL. APPROVED FOR CONSTRUCTION.

Charles A. Hackett

CROSSMAN ENGINEERING, INC.
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: cel@crossmaneng.com

- Civil
- Transportation
- Environmental
- Site Planning
- Land Surveying

HIGHLAND CORPORATE PARKS
STEVEN M. CABRAL
No. 4847
REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:
CVS CUSTOMER SUPPORT CENTER
PLAT MAP 52, LOT 360 AND PORTION OF PLAT MAP 51, LOT 11
ZONING DISTRICT I-1
HIGHLAND CORPORATE DRIVE
CUMBERLAND, R.I.

PREPARED FOR:
THE ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
GENERAL NOTES AND LEGEND

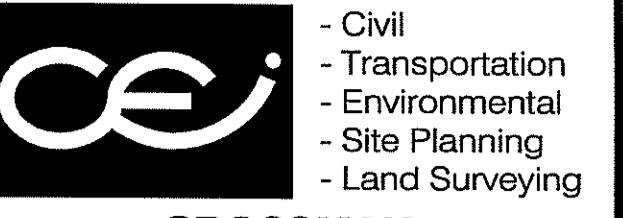
DATE: OCTOBER 2008 SCALE: NO SCALE

DWG. NAME: 1540-C1-NOTE-REV2.dwg

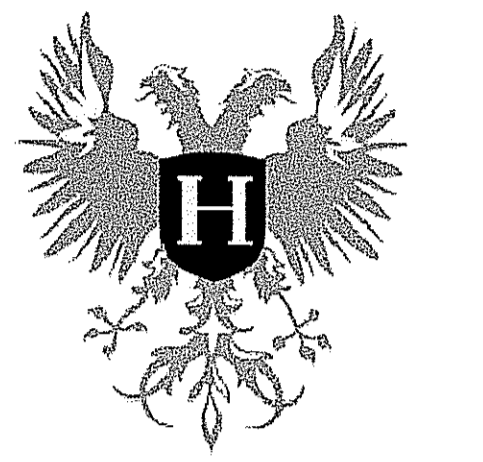
NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

RECEIVED
DEC 16 2008
ENVIRONMENTAL DEPARTMENT
1540-C1-NOTE-REV2.dwg

DRAWING NUMBER
C1
SHEET: 2 OF 27
RIDEM WETLAND SUBMISSION



CROSSMAN ENGINEERING, INC.
 151 Centerville Road
 Warwick, Rhode Island 02886
 Phone: (401) 738-5660 - Fax: (401) 738-8157
 Email: ce@crosmaneng.com



HIGHLAND CORPORATE PARKS

STEVEN M. CABRAL
 No. [Signature] 1847
 REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:
CVS CUSTOMER SUPPORT CENTER
 PLAT MAP 52, LOT 360 AND PORTION OF PLAT MAP 51, LOT 11
 ZONING DISTRICT I-1
 HIGHLAND CORPORATE DRIVE
 CUMBERLAND, R.I.

PREPARED FOR:
THE ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
 1300 HIGHLAND CORPORATE DRIVE
 SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
VICINITY MAP
 DATE: OCTOBER 2008 SCALE: 1" = 800'
 DWG. NAME: 1540-C2-VICINITY-REV2.dwg

DEPARTMENT OF ENVIRONMENTAL & PLANNING
 OFFICE OF WATER RESOURCES
 FRESH WATER WETLANDS PERMIT SUBMISSION
 APPROVED WITH COMMENTS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED DEC 31 2008 FILE # 08-0351
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

[Signature]
 DEC 16 2008
 ENVIRONMENTAL & PLANNING

DRAWING NUMBER
C2
 SHEET: 3 OF 27
RIDEM WETLAND SUBMISSION

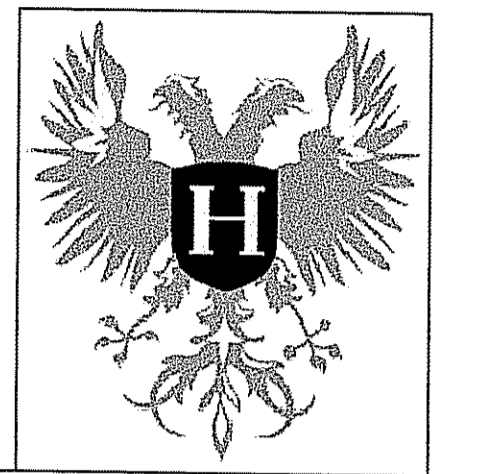
S:\1540 - CVS Customer Support Center\Drawings\1540-C2-VICINITY-REV2.dwg, Model, 12/11/2008 3:28:32 PM, 1540



- Civil
- Transportation
- Environmental
- Site Planning
- Land Surveying

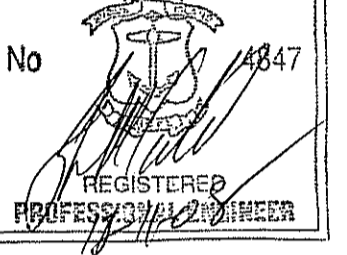
**CROSSMAN
ENGINEERING, INC.**

151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: cei@crossmaneng.com



**HIGHLAND
CORPORATE PARKS**

STEVEN M. CABRAL



PROJECT TITLE:

**CVS CUSTOMER SUPPORT
CENTER**
PLAT MAP 52, LOT 360 AND
PORTION OF PLAT MAP 51, LOT 11
ZONING DISTRICT I-1

HIGHLAND CORPORATE DRIVE
CUMBERLAND, R.I.

PREPARED FOR:

**THE ECONOMIC DEVELOPMENT
FOUNDATION OF R.I.**
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:

AERIAL PHOTO

DATE: OCTOBER 2008	SCALE: AS NOTED
-----------------------	--------------------

DWG. NAME: 1540-C3-AERIAL-REV2.dwg

NO.	DATE	REVISION
1	10/20/08	FOR WETLAND SUBMISSION
2	10/20/08	OFFICE COPY CENTER REVISIONS
3	10/20/08	FIELD AND WETLAND REVISIONS
APPROVED WITH CONDITIONS		
AS SPECIFIED IN THE LETTER OF APPROVAL		
DATED 10/20/08 FILE # 08-0357		
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL		
APPROVED PLANS MUST BE AT CONSTRUCTION SITE		

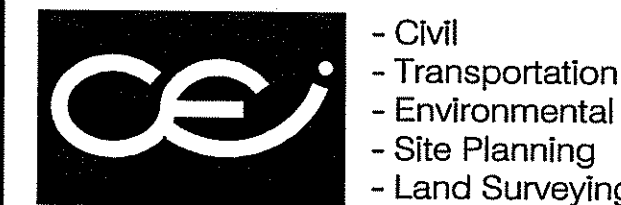
[Signature]

DRAWING NUMBER

C3

SHEET: 4 OF 27

RIDEM WETLAND SUBMISSION

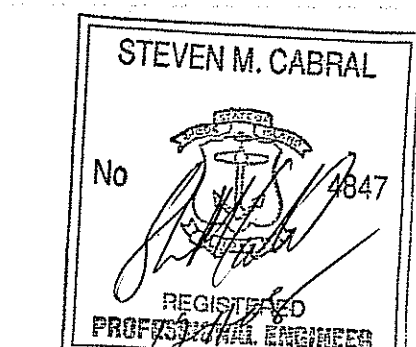


- Civil
- Transportation
- Environmental
- Site Planning
- Land Surveying

**CROSSMAN
ENGINEERING, INC.**
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: cel@crossmaneng.com



**HIGHLAND
CORPORATE PARKS**



PROJECT TITLE:
**CVS CUSTOMER SUPPORT
CENTER
PLAT MAP 52, LOT 360 AND
PORTION OF PLAT MAP 51, LOT 11
ZONING DISTRICT I-1
HIGHLAND CORPORATE DRIVE
CUMBERLAND, R.I.**

PREPARED FOR:
**THE ECONOMIC DEVELOPMENT
FOUNDATION OF R.I.
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864**

DRAWING TITLE:
200' RADIUS MAP

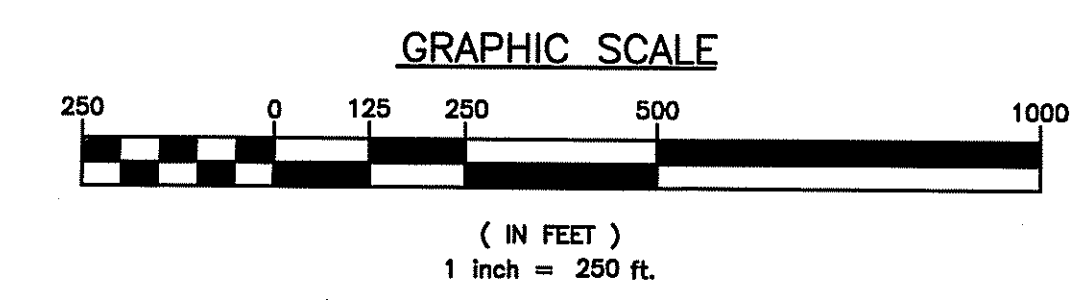
DATE: **OCTOBER 2008** SCALE: **1" = 250'**

DWG. NAME: **1540-C4-RADIUS-REV2.dwg**

NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **DEC 31 2008** FILE # **08-0351**
CHANGES ALLOWED WITHOUT PRIOR APPROVAL
PROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hutton

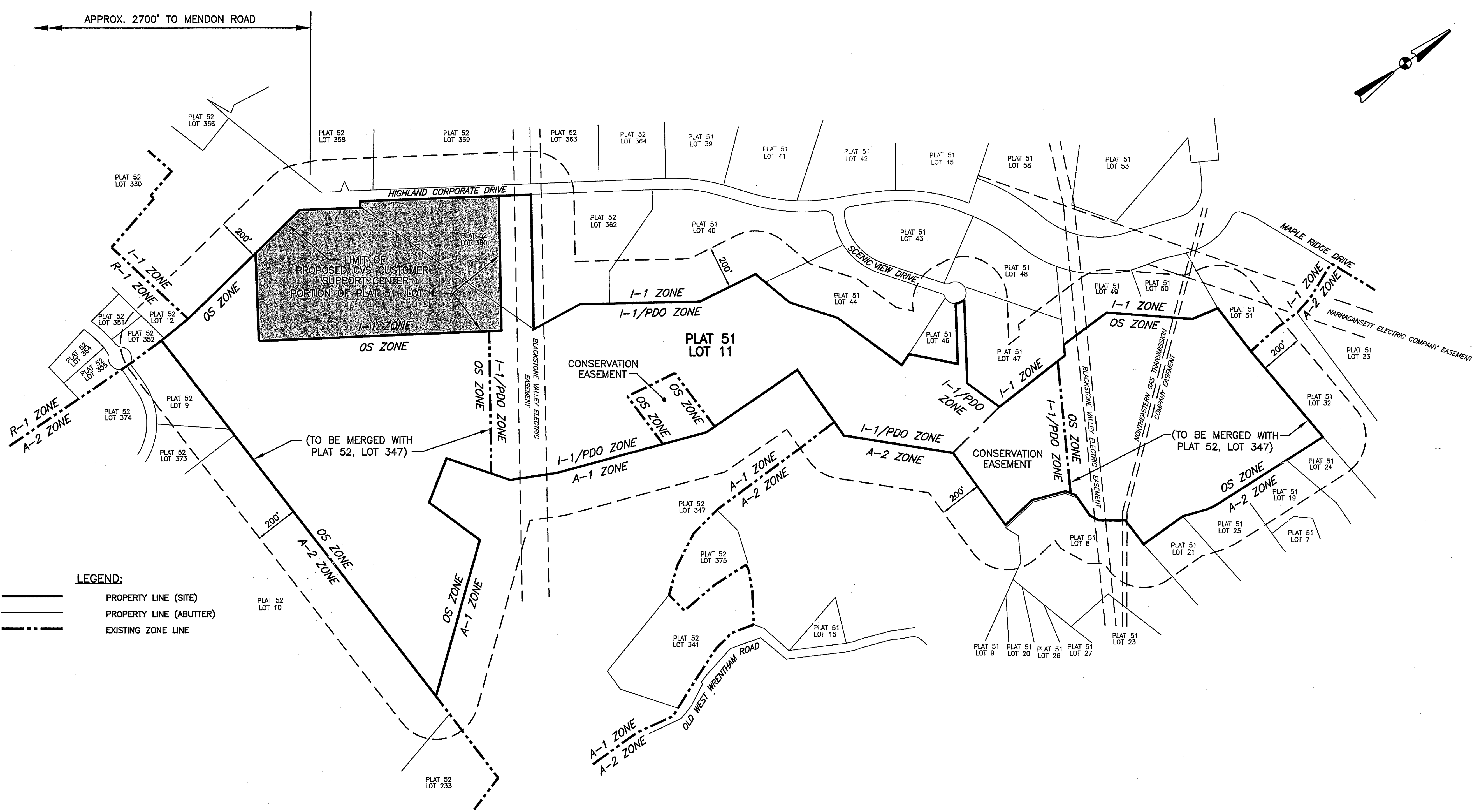


DRAWING NUMBER

C4

SHEET: **5** OF: **27**

RIDEM WETLAND SUBMISSION

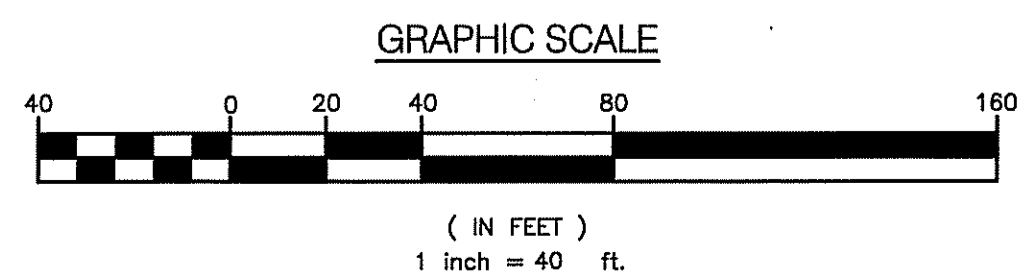
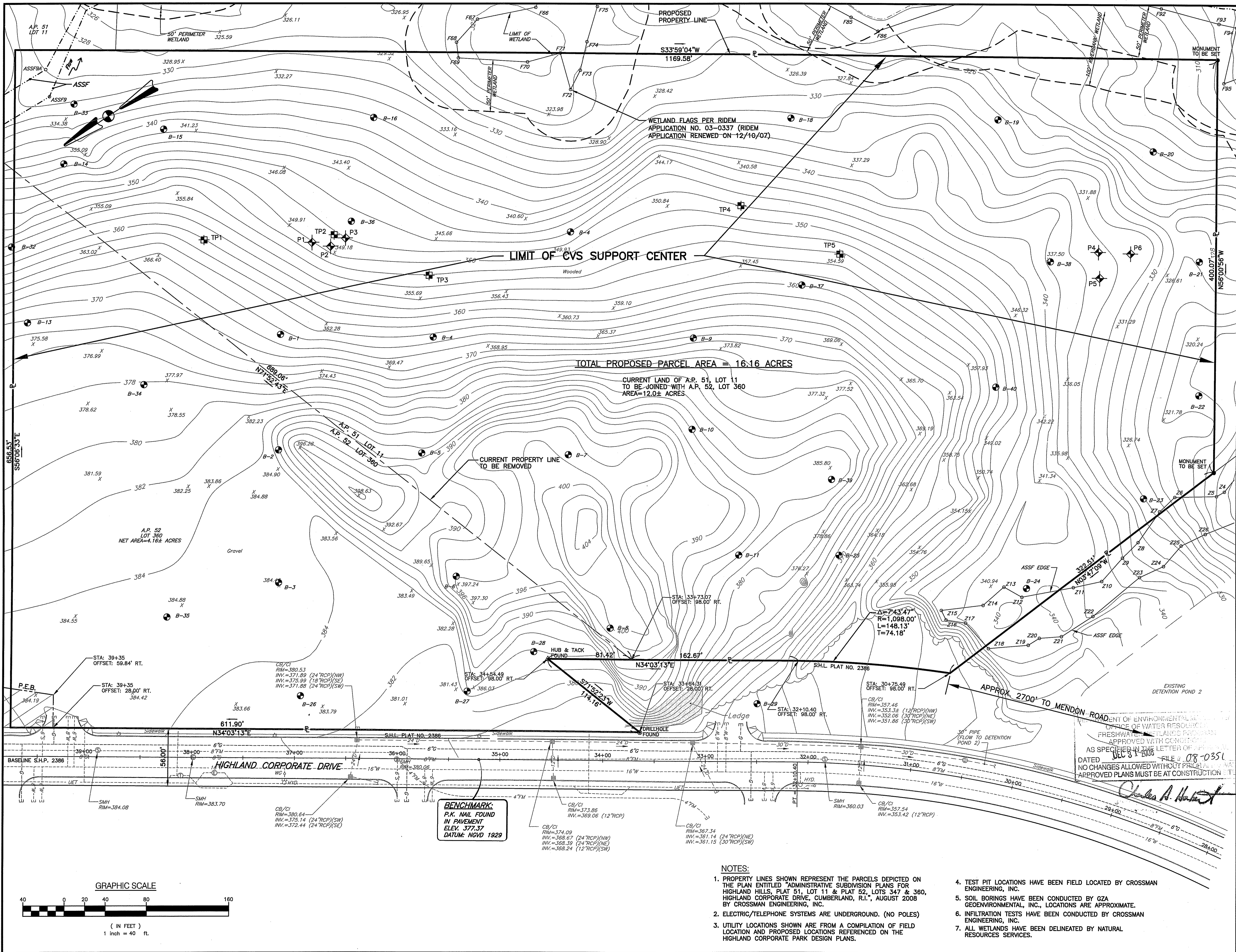


LEGEND:

- PROPERTY LINE (SITE)
- PROPERTY LINE (ABUTTER)
- EXISTING ZONE LINE

LIST OF ABUTTERS WITHIN 200'
(CURRENT AS OF AUGUST 2008)

- | | | | | | | |
|--|---|--|---|---|--|--|
| <p>AP 51, LOT 7
ROGER C. AND SANDRA A. GAGNON
158 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 8
GERALD C. ETUX AND VALERIE KAVENY
152 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 9
RODNEY W. AND MONIQUE A. DURKIN
40 OLD WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 11
HIGHLAND HILLS LLC
177 OLD RIVER ROAD
LINCOLN, RI 02865</p> <p>AP 51, LOT 19
JEFFERY A. AND ELIZABETH A. BENTLEY
160 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 20
ARTHUR A. AND MICHELLE C. DUNN
215 MANVILLE HILL ROAD
CUMBERLAND, RI 02864</p> | <p>AP 51, LOT 21
KENNETH C. RHODES
154 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 23
VALERIE C. KAVENY
152 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 24
JAMIE AND MARIA MUNOZ
164 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 25
WITHOLD H. ETUX AND
KIMBERLY JO KLOCZKOWSKI
156 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 26
RACHEL B. PAILTHORPE TRUSTEE
56 OLD WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 27
JOSEPH A. AND PATRICIA A. DIAS
60 OLD WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 32
NEIL A. ETUX AND DONNA ROWEY
180 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> | <p>AP 51, LOT 33
SCOTT F. ETUX AND JAYNE A. CONFORTI
184 WEST WRENTHAM ROAD
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 40
R.B. HIGHLAND HOLDINGS LLC
C/O PAUL ANTROP
200 SCENIC VIEW DRIVE, SUITE 201
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 43
CVS PHARMACY
ONE CVS DRIVE
WOONSOCKET, RI 02895</p> <p>AP 51, LOT 44
SMT REAL ESTATE GROUP LLC
400 SCENIC VIEW DRIVE
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 46
TOWN OF CUMBERLAND
45 BROAD STREET
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 47
HECO REALTY LLC
800 SCENIC VIEW DRIVE
CUMBERLAND, RI 02864</p> | <p>AP 51, LOT 48
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE, SUITE 202
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 49
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE, SUITE 202
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 50
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE, SUITE 202
CUMBERLAND, RI 02864</p> <p>AP 51, LOT 51
POLYRACK NORTH AMERICA CORPORATION
235 PROMENADE STREET, SUITE 535
PROVIDENCE, RI 02908</p> <p>AP 51, LOT 53
CVS PHARMACY
ONE CVS DRIVE
WOONSOCKET, RI 02895</p> <p>AP 51, LOT 58
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE, SUITE 202
CUMBERLAND, RI 02864</p> | <p>AP 52, LOT 9
PAUL AND ROBIN HERNEY
28 AVON AVENUE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 10
AVB LAND CO. INC. AND JT TWO LLC
10 WEYBOSSETT STREET
PROVIDENCE, RI 02903</p> <p>AP 52, LOT 12
FRANK AND DANIELLE E. JAUNTO
10 ART AVENUE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 233
J TWO LLC
ONE CUSTOM HOUSE STREET
PROVIDENCE, RI 02918</p> <p>AP 52, LOT 330
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE, SUITE 202
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 347
TOWN OF CUMBERLAND
45 BROAD STREET
CUMBERLAND, RI 02864</p> | <p>AP 52, LOT 351
NEIL T. AND MAUREEN A. MORAN
8 AVON AVENUE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 352
KENNETH L. AND JANINE M. SPADER ETUX
10 AVON AVENUE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 354
ELIZABETH I. PACHECO
7 AVON AVENUE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 355
DOUGLAS P. AND MONIKA MCMANAMY
9 AVON AVENUE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 358
JDS LOT 1 LLC
C/O NEW ENGLAND CONSTRUCTION
293 BOURNE AVENUE
RUMFORD, RI 02916</p> <p>AP 52, LOT 359
CINTAS CORPORATION NO. 2
300 HIGHLAND CORPORATE DRIVE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 360
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE, SUITE 202
CUMBERLAND, RI 02864</p> | <p>AP 52, LOT 362
GENERIC REALTY LLC
400 HIGHLAND CORPORATE DRIVE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 363
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE, SUITE 202
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 366
THE ECONOMIC DEVELOPMENT
FOUNDATION OF RHODE ISLAND
1300 HIGHLAND CORPORATE DRIVE, SUITE 202
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 373
HUNG NGUYEN
50 AVON AVENUE
CUMBERLAND, RI 02864</p> <p>AP 52, LOT 374
EDWARD O. QUINN AND MELISSA DISCUILLO
17 AVON AVENUE
CUMBERLAND, RI 02864</p> |
|--|---|--|---|---|--|--|



- NOTES:**
- PROPERTY LINES SHOWN REPRESENT THE PARCELS DEPICTED ON THE PLAN ENTITLED "ADMINISTRATIVE SUBDIVISION PLANS FOR HIGHLAND HILLS, PLAT 51, LOT 11 & PLAT 52, LOTS 347 & 360, HIGHLAND CORPORATE DRIVE, CUMBERLAND, R.I., AUGUST 2008 BY CROSSMAN ENGINEERING, INC.
 - ELECTRIC/TELEPHONE SYSTEMS ARE UNDERGROUND. (NO POLES)
 - UTILITY LOCATIONS SHOWN ARE FROM A COMPILATION OF FIELD LOCATION AND PROPOSED LOCATIONS REFERENCED ON THE HIGHLAND CORPORATE PARK DESIGN PLANS.
 - TEST PIT LOCATIONS HAVE BEEN FIELD LOCATED BY CROSSMAN ENGINEERING, INC.
 - SOIL BORINGS HAVE BEEN CONDUCTED BY GZA GEOTECHNICAL, INC., LOCATIONS ARE APPROXIMATE.
 - INFILTRATION TESTS HAVE BEEN CONDUCTED BY CROSSMAN ENGINEERING, INC.
 - ALL WETLANDS HAVE BEEN DELINEATED BY NATURAL RESOURCES SERVICES.

CROSSMAN ENGINEERING, INC.
 151 Centerville Road
 Warwick, Rhode Island 02886
 Phone: (401) 738-5660 - Fax: (401) 738-8157
 Email: cei@crossmaneng.com



PROJECT TITLE:
 CVS CUSTOMER SUPPORT CENTER
 PLAT MAP 52, LOT 360 AND
 PORTION OF PLAT MAP 51, LOT 11
 ZONING DISTRICT I-1
 HIGHLAND CORPORATE DRIVE
 CUMBERLAND, R.I.

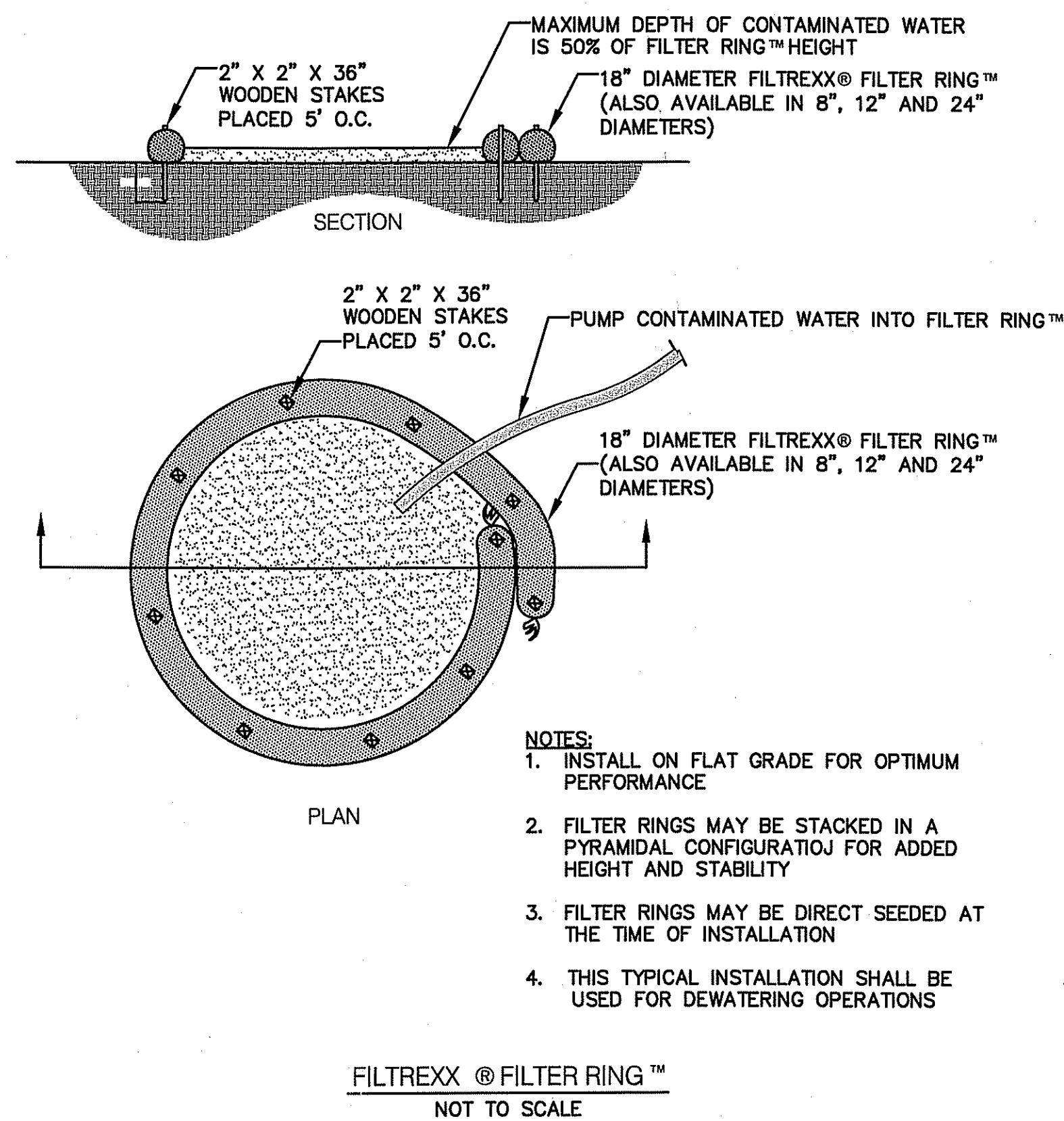
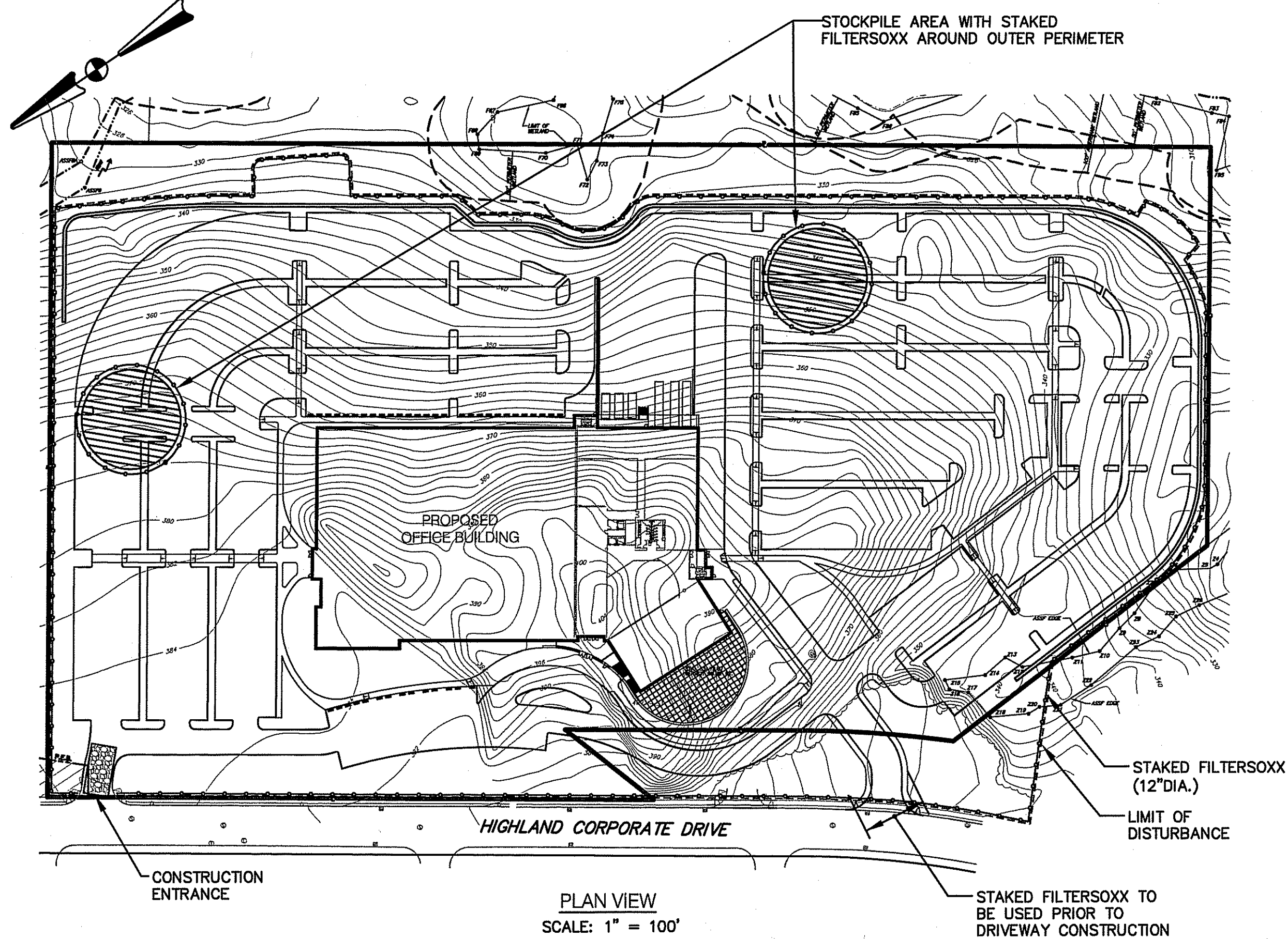
PREPARED FOR:
 THE ECONOMIC DEVELOPMENT
 FOUNDATION OF R.I.
 1300 HIGHLAND CORPORATE DRIVE
 SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
 EXISTING CONDITIONS
 PLAN

DATE: OCTOBER 2008
SCALE: 1" = 40'
DWG. NAME: 1540-C5-EXCN-REV2.dwg

NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

DRAWING NUMBER:
C5
 SHEET: 6 OF 27
RIDEM WETLAND SUBMISSION



DUST CONTROL NOTES:

ON AN AS-NEEDED BASIS OR AS DIRECTED BY THE TOWN OR OWNER, THE CONTRACTOR SHALL UTILIZE ONE OF THE FOLLOWING METHODS (AS RECOMMENDED BY THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK") TO CONTROL DUST:

- A. THE EXPOSED SOIL SURFACE SHOULD BE MOISTENED PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.
- B. CALCIUM CHLORIDE SHOULD BE EITHER LOOSE DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH A SPREADER AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE.

THE METHODS SHOULD BE REPEATED AS NEEDED, AND SPECIAL ATTENTION MUST BE GIVEN TO THE ACCESS DRIVES.

INSPECTION/MAINTENANCE NOTES:

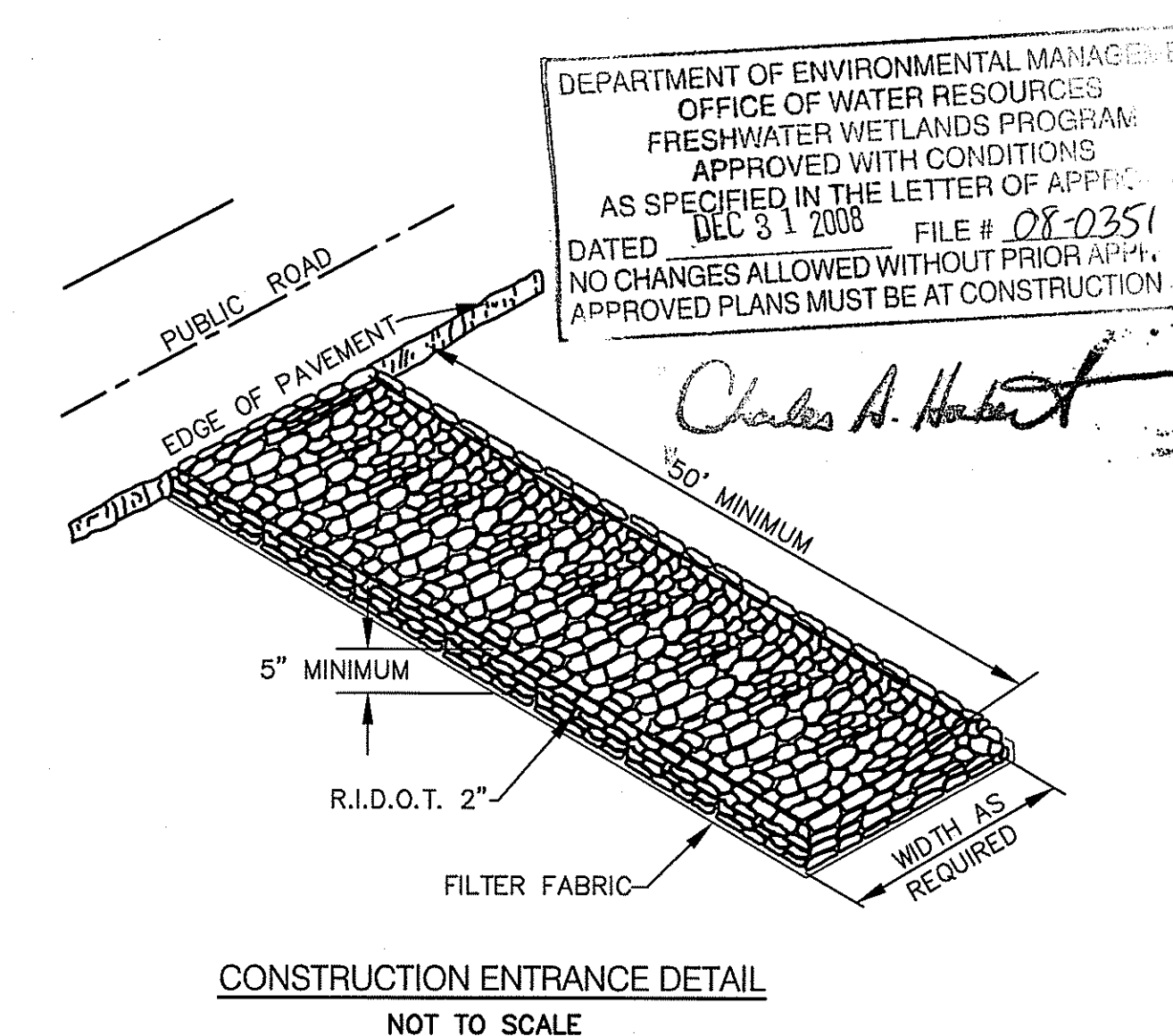
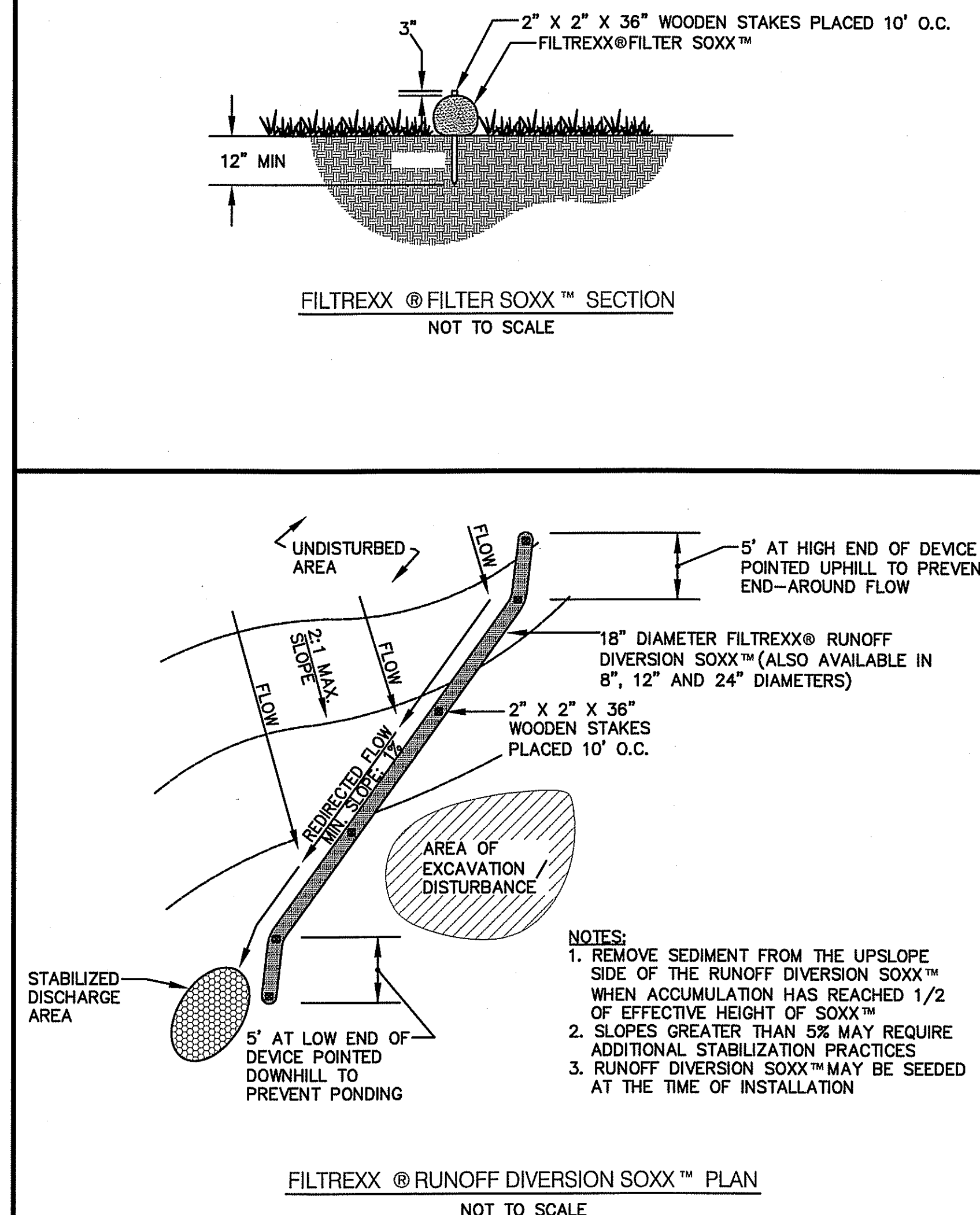
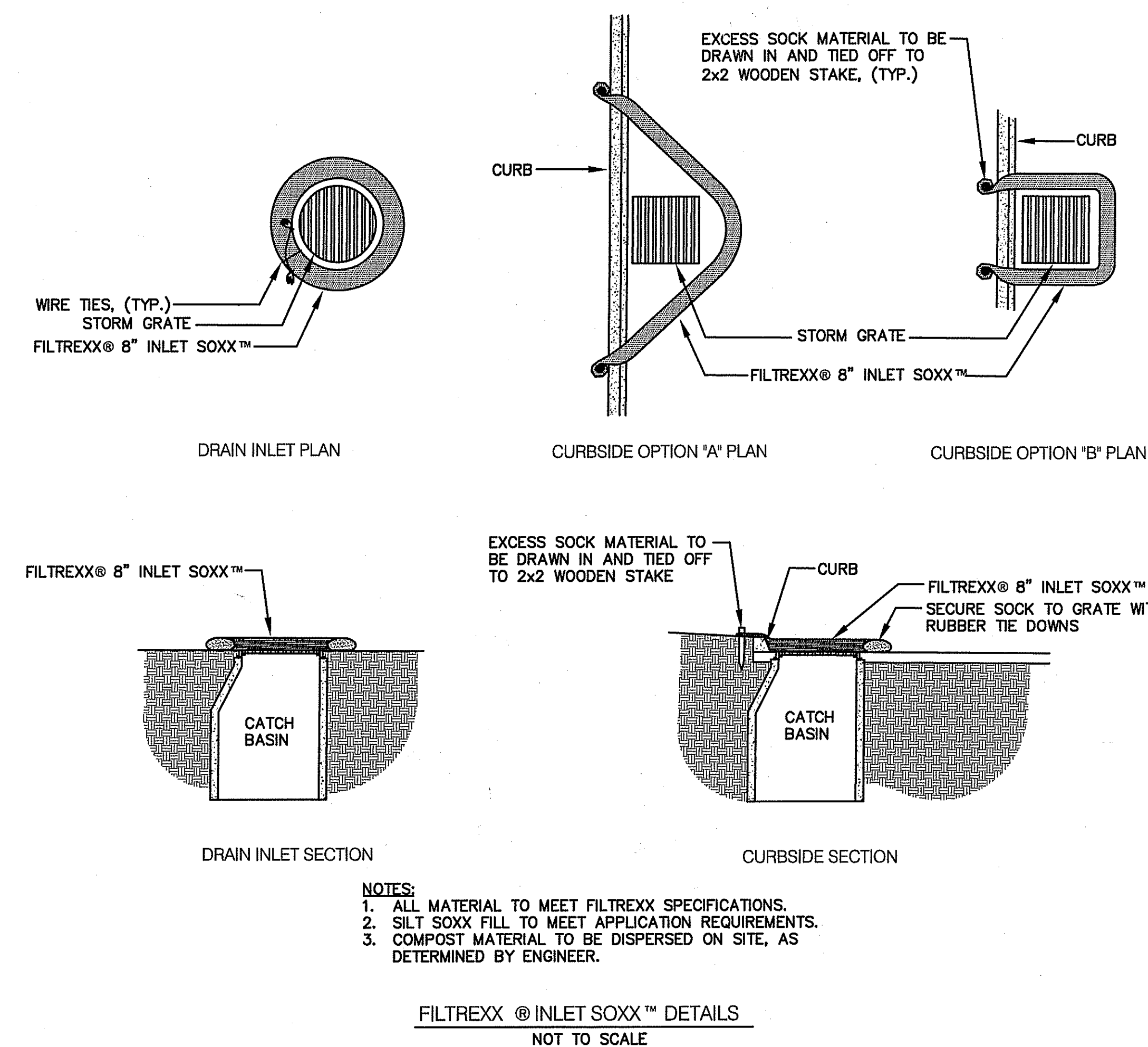
1. PRIOR TO COMMENCING CLEARING AND GRUBBING OPERATIONS, FILTERSOXX SHALL BE PLACED SO AS TO PREVENT SEDIMENT FROM ENTERING EXISTING ROADWAY DRAINAGE SYSTEM, WETLANDS AND ADJUTING PROPERTIES.
2. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE ROADWAY DRAINAGE SYSTEM.
3. ALL DISTURBED AREAS WHICH BECOME SUBJECT TO EROSION TENDENCIES WHETHER THEY BE NEWLY FILLED OR EXCAVATED SHALL RECEIVE SLOPE PROTECTION - SUCH AS RIP-RAP.
4. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING PERIODS OF RAINFALL.
5. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MAINTENANCE AND SHALL INSPECT / REPLACE DAILY DURING CONSTRUCTION, FOLLOWING RAINFALL AND WEEKLY DURING NON CONSTRUCTION PERIODS.
6. ADDITIONAL FILTERSOXX OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.
7. THE "R.I. SOIL EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, 1989, MUST BE UTILIZED BY THE CONTRACTOR AS A GUIDE.
8. THE CONTRACTOR IS RESPONSIBLE FOR ALL DUST CONTROL AND FOR THE ENTIRE PROJECT DURATION, INCLUDING TEMPORARY SHUT-DOWN PERIODS, MUST MONITOR AND REPAIR, AS NEEDED, ALL SLOPES TO ENSURE A STABLE PRODUCT.

GENERAL PROJECT WIDE NOTES:

1. FILTERSOXX SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, MAINTAINED ON A REGULAR BASIS, AND SHALL BE PLACED TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTY.
2. THE CONTRACTOR MUST REPLACE AND/OR RESEED ANY VEGETATION THAT DOES NOT DEVELOP/SURVIVE WITHIN THE PERIOD OF ONE YEAR AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE TO THE OWNER.
3. ALL FILTERSOXX OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED AND POTENTIAL SEDIMENTATION SOURCES ARE REMOVED.
4. TREES AND OTHER EXISTING VEGETATION SHALL BE RETAINED WHENEVER FEASIBLE; THE AREA BEYOND THE DROPLINE SHALL BE FENCED OR ROPED OFF TO PROTECT TREES FROM CONSTRUCTION EQUIPMENT.
5. AREAS DAMAGED DURING CONSTRUCTION SHALL BE RESODDED, RESEED, OR OTHERWISE RESTORED AT THE CONTRACTOR'S EXPENSE.
6. STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED FILTERSOXX.
7. STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW, FIBER MATTING OR APPROVED EQUAL.

FILTREXX NOTE:

CONTRACTOR IS RESPONSIBLE TO BECOME FAMILIAR WITH THE FILTREXX PRODUCTS AND COORDINATE INSTALLATION SCHEDULES AND METHODS WITH THE ENGINEER PRIOR TO PLACEMENT.



Crossman Engineering, Inc. logo

- Civil
- Transportation
- Environmental
- Site Planning
- Land Surveying

CROSSMAN ENGINEERING, INC.
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: ce@crossmaneng.com

Highland Corporate Parks logo

STEVEN M. CABRAL
No. 4847
REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:

CVS CUSTOMER SUPPORT CENTER
PLAT MAP 52, LOT 360 AND
PORTION OF PLAT MAP 51, LOT 11
ZONING DISTRICT I-1

HIGHLAND CORPORATE DRIVE
CUMBERLAND, R.I.

PREPARED FOR:

THE ECONOMIC DEVELOPMENT
FOUNDATION OF R.I.
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:

SOIL EROSION and
SEDIMENT CONTROL PLAN

DATE: OCTOBER 2008 SCALE: NO SCALE

DWG. NAME: 1540-C6-EROS-REV2.dwg

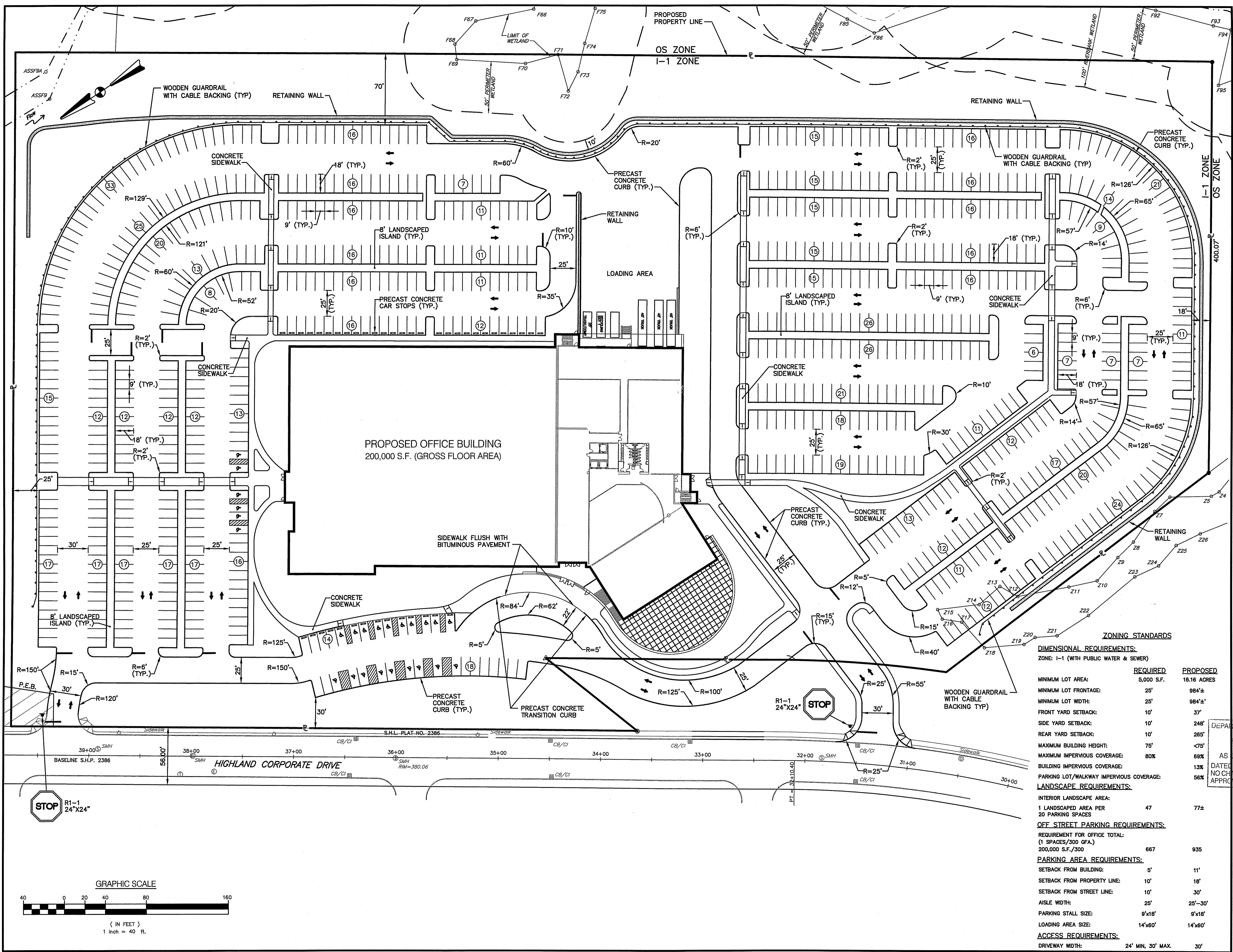
NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

DRAWING NUMBER

C6
SHEET: 7 OF 27

RIDEM WETLAND SUBMISSION

S:\540 - CVS Caremark Office\Current\ACAD Dwg\02-Design Plans\02-RIDEM Submission\REV 2\1540-C6-EROS-REV2.dwg, Model, 12/12/2008 8:03:07 AM, 1:100



ce - Civil
 - Transportation
 - Environmental
 - Site Planning
 - Land Surveying

CROSSMAN ENGINEERING, INC.
 151 Centerville Road
 Warwick, Rhode Island 02886
 Phone: (401) 738-5860 - Fax: (401) 738-8157
 Email: ce@crossmaneng.com



HIGHLAND CORPORATE PARKS

STEVEN M. CABRAL
 No. 4847
 REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:
CVR CUSTOMER SUPPORT CENTER
 PLAT MAP 52, LOT 360 AND PORTION OF PLAT MAP 51, LOT 11
 ZONING DISTRICT I-1
 HIGHLAND CORPORATE DRIVE
 CUMBERLAND, R.I.

PREPARED FOR:
THE ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
 1300 HIGHLAND CORPORATE DRIVE
 SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
SITE LAYOUT PLAN

DATE: **OCTOBER 2008**
 SCALE: **1" = 40'**

DWG. NAME: **1540-C7-SITE-REV2.dwg**

REVISIONS:

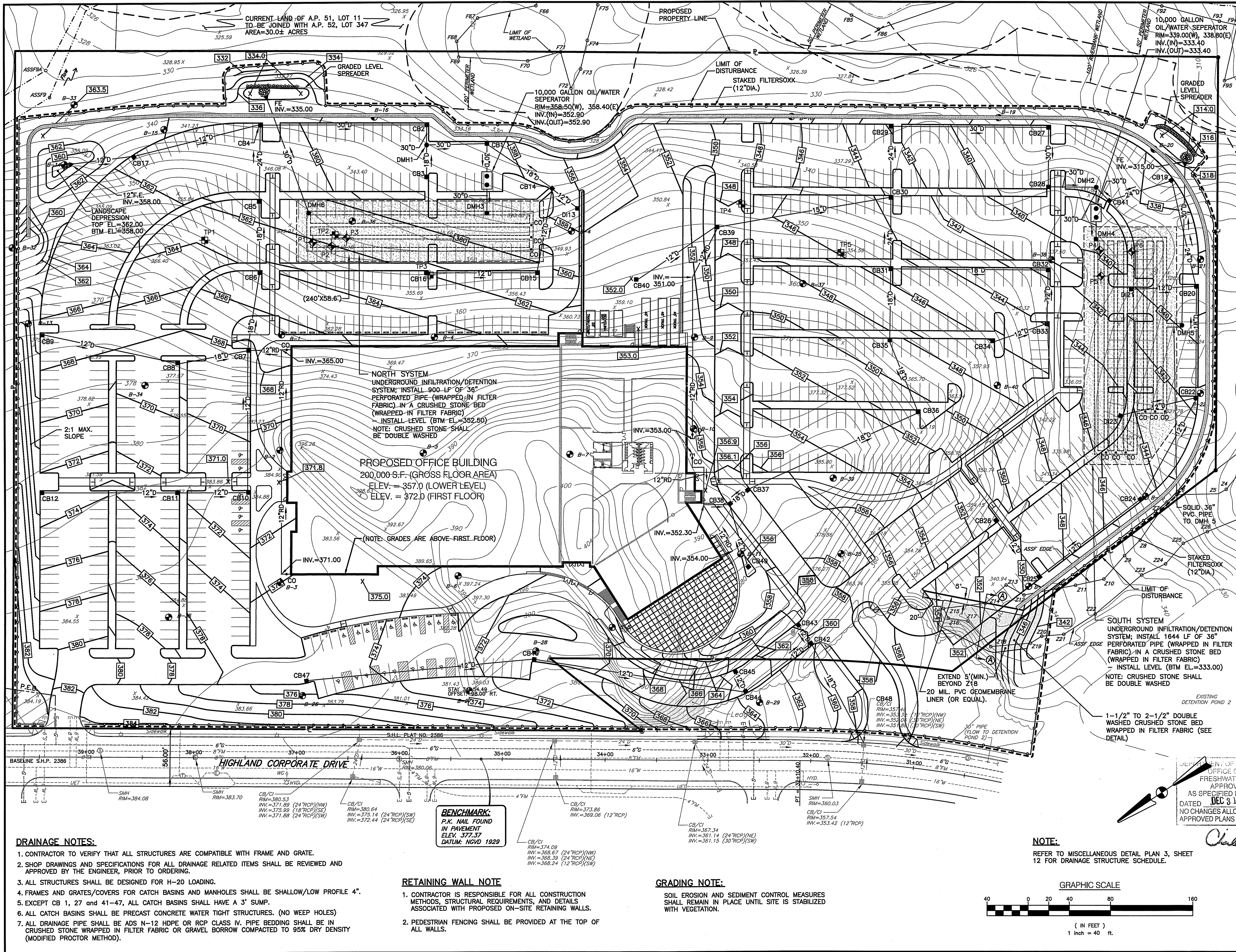
NO.	DATE	DESCRIPTION
1	10/1/08	ISSUED FOR PERMIT
2	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
3	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
4	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
5	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
6	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
7	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
8	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
9	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
10	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
11	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
12	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
13	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
14	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
15	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
16	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
17	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
18	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
19	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
20	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
21	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
22	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
23	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
24	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
25	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
26	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL
27	10/1/08	REVISION: AS SPECIFIED IN THE LETTER OF APPROVAL

DRAWING NUMBER:
C7
 SHEET: **8** OF **27**
RIDEM WETLAND SUBMISSION

ZONING STANDARDS

	REQUIRED	PROPOSED
DIMENSIONAL REQUIREMENTS:		
ZONE: I-1 (WITH PUBLIC WATER & SEWER)		
MINIMUM LOT AREA:	5,000 S.F.	18.16 ACRES
MINIMUM LOT FRONTAGE:	25'	984±
MINIMUM LOT WIDTH:	25'	984±
FRONT YARD SETBACK:	10'	37'
SIDE YARD SETBACK:	10'	248'
REAR YARD SETBACK:	10'	265'
MAXIMUM BUILDING HEIGHT:	75'	<75'
MAXIMUM IMPERVIOUS COVERAGE:	80%	<65%
BUILDING IMPERVIOUS COVERAGE:		13%
PARKING LOT/WALKWAY IMPERVIOUS COVERAGE:		56%
LANDSCAPE REQUIREMENTS:		
INTERIOR LANDSCAPE AREA:		
1 LANDSCAPED AREA PER 20 PARKING SPACES	47	77±
OFF STREET PARKING REQUIREMENTS:		
REQUIREMENT FOR OFFICE TOTAL: (1 SPACES/300 GFA.)		
200,000 S.F./300	667	935
PARKING AREA REQUIREMENTS:		
SETBACK FROM BUILDING:	5'	11'
SETBACK FROM PROPERTY LINE:	10'	18'
SETBACK FROM STREET LINE:	10'	30'
AISLE WIDTH:	25'	25'-30'
PARKING STALL SIZE:	9'x18'	9'x18'
LOADING AREA SIZE:	14'x60'	14'x60'
ACCESS REQUIREMENTS:		
DRIVEWAY WIDTH:	24' MIN, 30' MAX.	30'

S:\1540 - CVS Coremark Office\Current\1540-02-Design\Plans\02-RIDEM Submission\REV 2\1540-C7-SITE-REV2.dwg, Model, 12/12/2008 8:04:53 AM, 1:40



CROSSMAN ENGINEERING, INC.
 151 Centerville Road
 Warwick, Rhode Island 02886
 Phone: (401) 738-5660 - Fax: (401) 738-8157
 Email: cel@crossmaneng.com



HIGHLAND CORPORATE PARKS

STEVEN M. CABRAL
 No. 4847
 PROFESSIONAL ENGINEER

PROJECT TITLE:
 CVS CUSTOMER SUPPORT CENTER
 PLAT MAP 52, LOT 360 AND
 PORTION OF PLAT MAP 51, LOT 11
 ZONING DISTRICT I-1
 HIGHLAND CORPORATE DRIVE
 CUMBERLAND, R.I.

PREPARED FOR:
 THE ECONOMIC DEVELOPMENT
 FOUNDATION OF R.I.
 1300 HIGHLAND CORPORATE DRIVE
 SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
 GRADING and DRAINAGE
 PLAN

DATE: OCTOBER 2008
SCALE: 1" = 40'
DWG. NAME: 1540-CB-GRADE-REV2.dwg

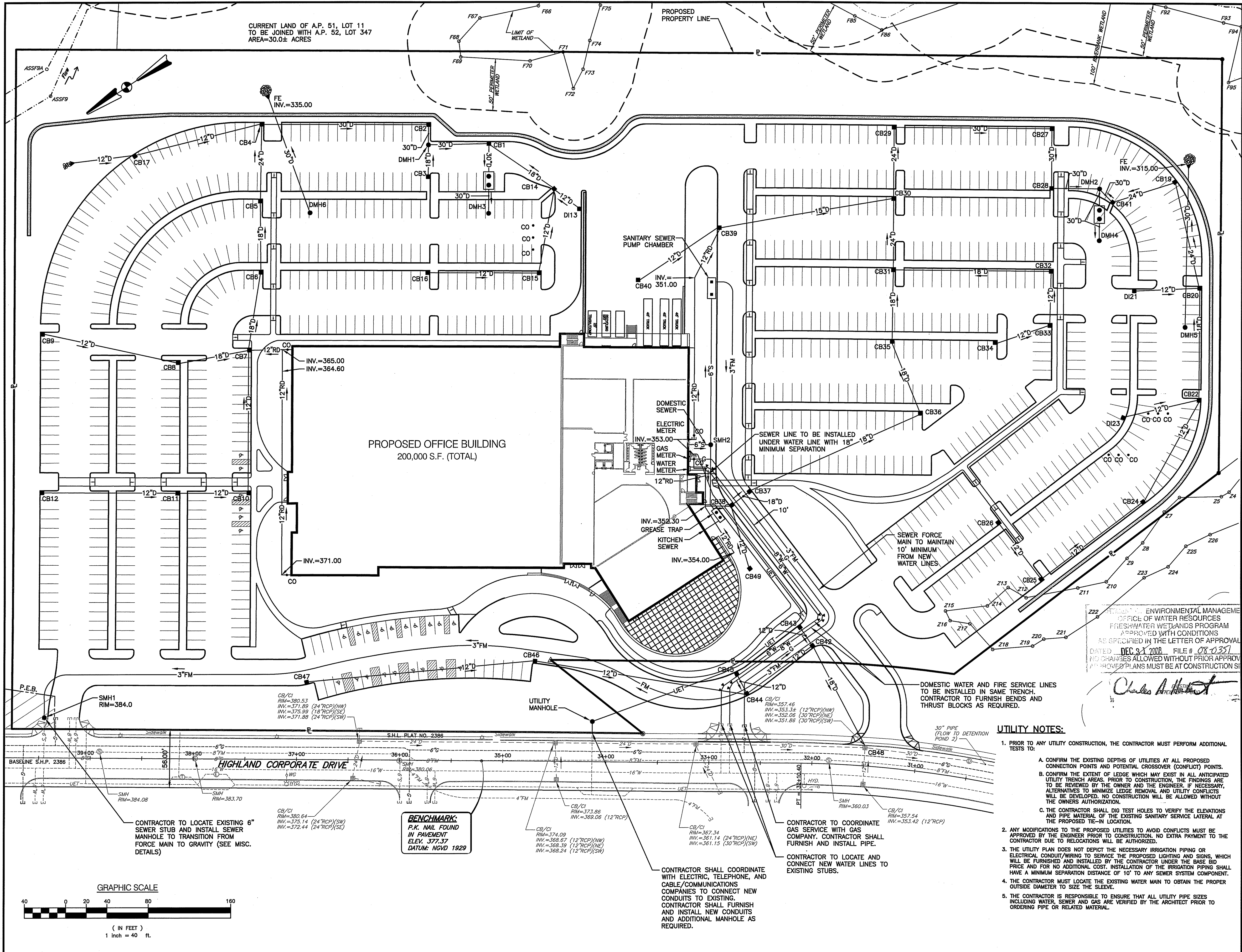
NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

APPROVED FOR CONSTRUCTION BY THE ENGINEER OF ENVIRONMENTAL AND WATER RESOURCES AS SPECIFIED IN THE LETTER OF APPROVAL DATED DEC 31 2009. NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL. APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

Charles A. Altieri

DRAWING NUMBER:
C8
 SHEET: 9 OF 27
RIDEM WETLAND SUBMISSION

S:\1540 - CVS Customer Support Center Plans\02-Design Plans\1540-CB-Grade-REV2.dwg, Model, 12/12/2008 8:54:14 AM, 1:40



CROSSMAN ENGINEERING, INC.
 151 Centerville Road
 Warwick, Rhode Island 02886
 Phone: (401) 738-5660 - Fax: (401) 738-8157
 Email: cei@crossmaneng.com



HIGHLAND CORPORATE PARKS

STEVEN M. CABRAL
 No. 4847
 PROFESSIONAL ENGINEER

PROJECT TITLE:
CVS CUSTOMER SUPPORT CENTER
 PLAT MAP 52, LOT 360 AND
 PORTION OF PLAT MAP 51, LOT 11
 ZONING DISTRICT I-1
 HIGHLAND CORPORATE DRIVE
 CUMBERLAND, R.I.

PREPARED FOR:
THE ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
 1300 HIGHLAND CORPORATE DRIVE
 SUITE 202
 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
UTILITY PLAN

DATE: OCTOBER 2008
 SCALE: 1" = 40'

DWG. NAME: 1540-C9-UTILITY-REV2.dwg

NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

DRAWING NUMBER: **C9**

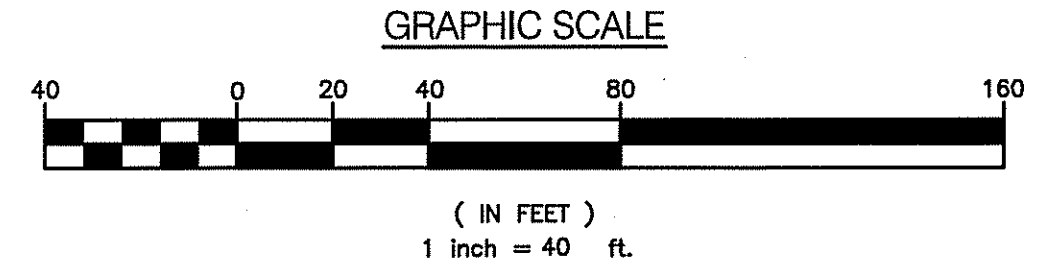
SHEET: 10 OF 27

RIDEM WETLAND SUBMISSION

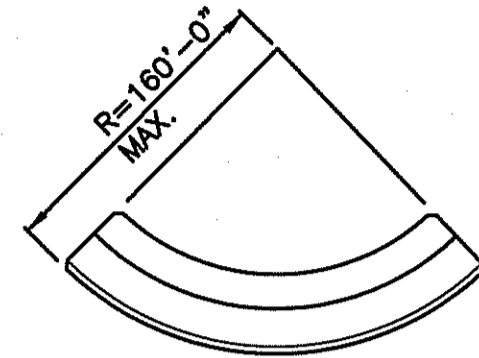
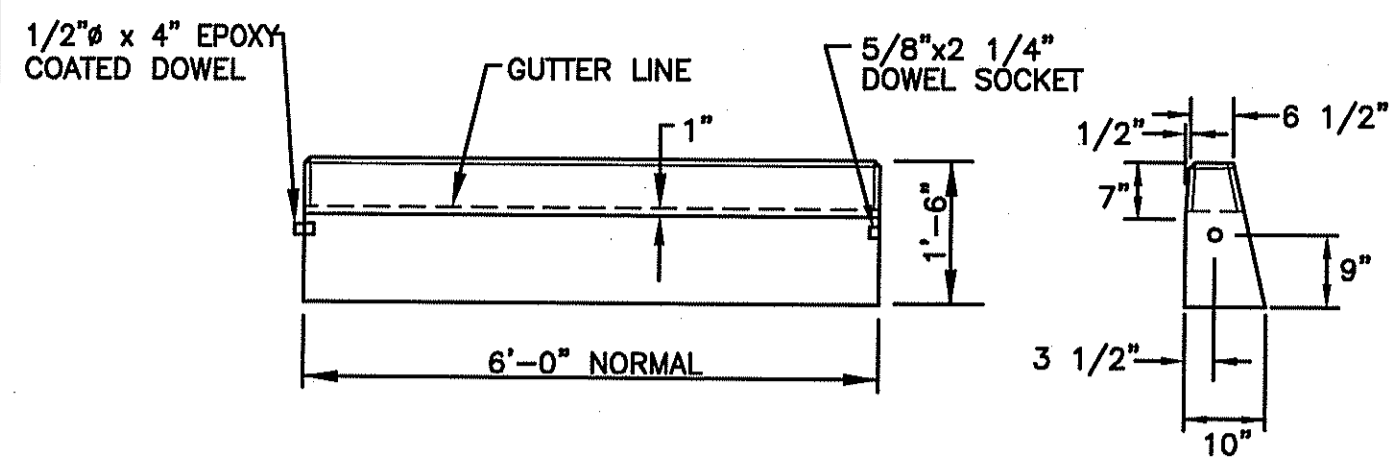
ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED DEC 31 2008 FILE # 08-0351
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 ANY CHANGES MUST BE AT CONSTRUCTION SITE

Charles A. Hest
 PROJECT ENGINEER

- UTILITY NOTES:**
- PRIOR TO ANY UTILITY CONSTRUCTION, THE CONTRACTOR MUST PERFORM ADDITIONAL TESTS TO:
 - CONFIRM THE EXISTING DEPTHS OF UTILITIES AT ALL PROPOSED CONNECTION POINTS AND POTENTIAL CROSSOVER (CONFLICT) POINTS.
 - CONFIRM THE EXTENT OF LEDGE WHICH MAY EXIST IN ALL ANTICIPATED UTILITY TRENCH AREAS. PRIOR TO CONSTRUCTION, THE FINDINGS ARE TO BE REVIEWED BY THE OWNER AND THE ENGINEER. IF NECESSARY, ALTERNATIVES TO MINIMIZE LEDGE REMOVAL AND UTILITY CONFLICTS WILL BE DEVELOPED. NO CONSTRUCTION WILL BE ALLOWED WITHOUT THE OWNERS AUTHORIZATION.
 - THE CONTRACTOR SHALL DIG TEST HOLES TO VERIFY THE ELEVATIONS AND PIPE MATERIAL OF THE EXISTING SANITARY SERVICE LATERAL AT THE PROPOSED TIE-IN LOCATION.
 - ANY MODIFICATIONS TO THE PROPOSED UTILITIES TO AVOID CONFLICTS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. NO EXTRA PAYMENT TO THE CONTRACTOR DUE TO RELOCATIONS WILL BE AUTHORIZED.
 - THE UTILITY PLAN DOES NOT DEPICT THE NECESSARY IRRIGATION PIPING OR ELECTRICAL CONDUIT/WIRING TO SERVICE THE PROPOSED LIGHTING AND SIGNS, WHICH WILL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNDER THE BASE BID PRICE AND FOR NO ADDITIONAL COST. INSTALLATION OF THE IRRIGATION PIPING SHALL HAVE A MINIMUM SEPARATION DISTANCE OF 10' TO ANY SEWER SYSTEM COMPONENT.
 - THE CONTRACTOR MUST LOCATE THE EXISTING WATER MAIN TO OBTAIN THE PROPER OUTSIDE DIAMETER TO SIZE THE SLEEVE.
 - THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL UTILITY PIPE SIZES INCLUDING WATER, SEWER AND GAS ARE VERIFIED BY THE ARCHITECT PRIOR TO ORDERING PIPE OR RELATED MATERIAL.

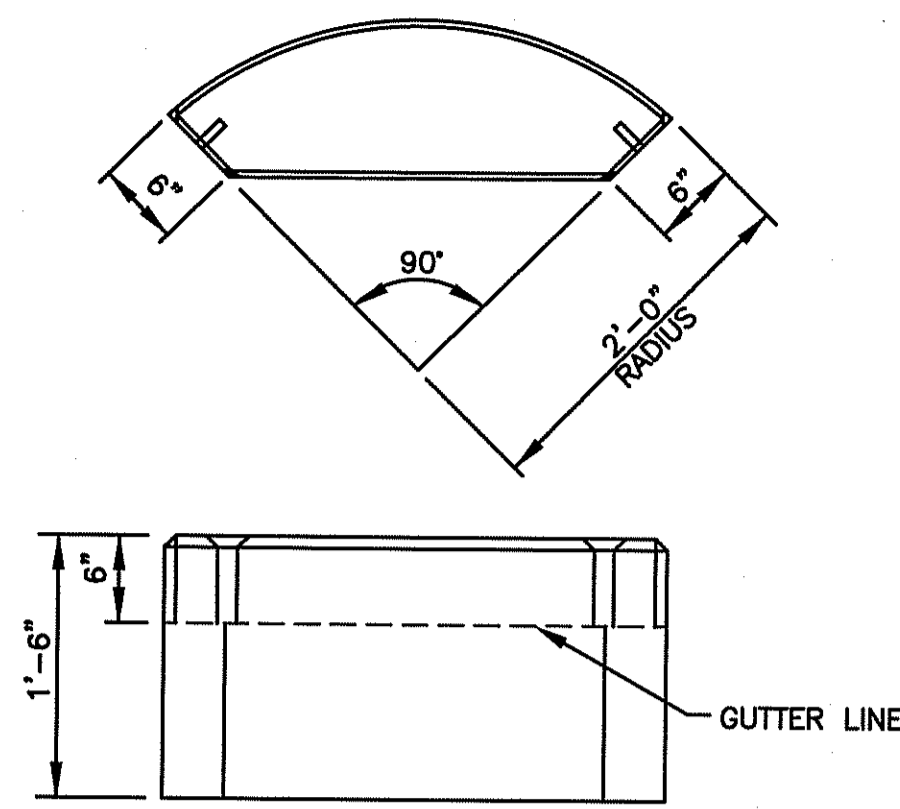


S:\1540 - CVS Caremark Office Current\ACAD\Draw\02-Design\Plans\02-RIDEM Submission\REV 2\1540-C9-UTILITY-REV2.dwg, Model, 12/12/2008 8:51:55 AM, 1:40

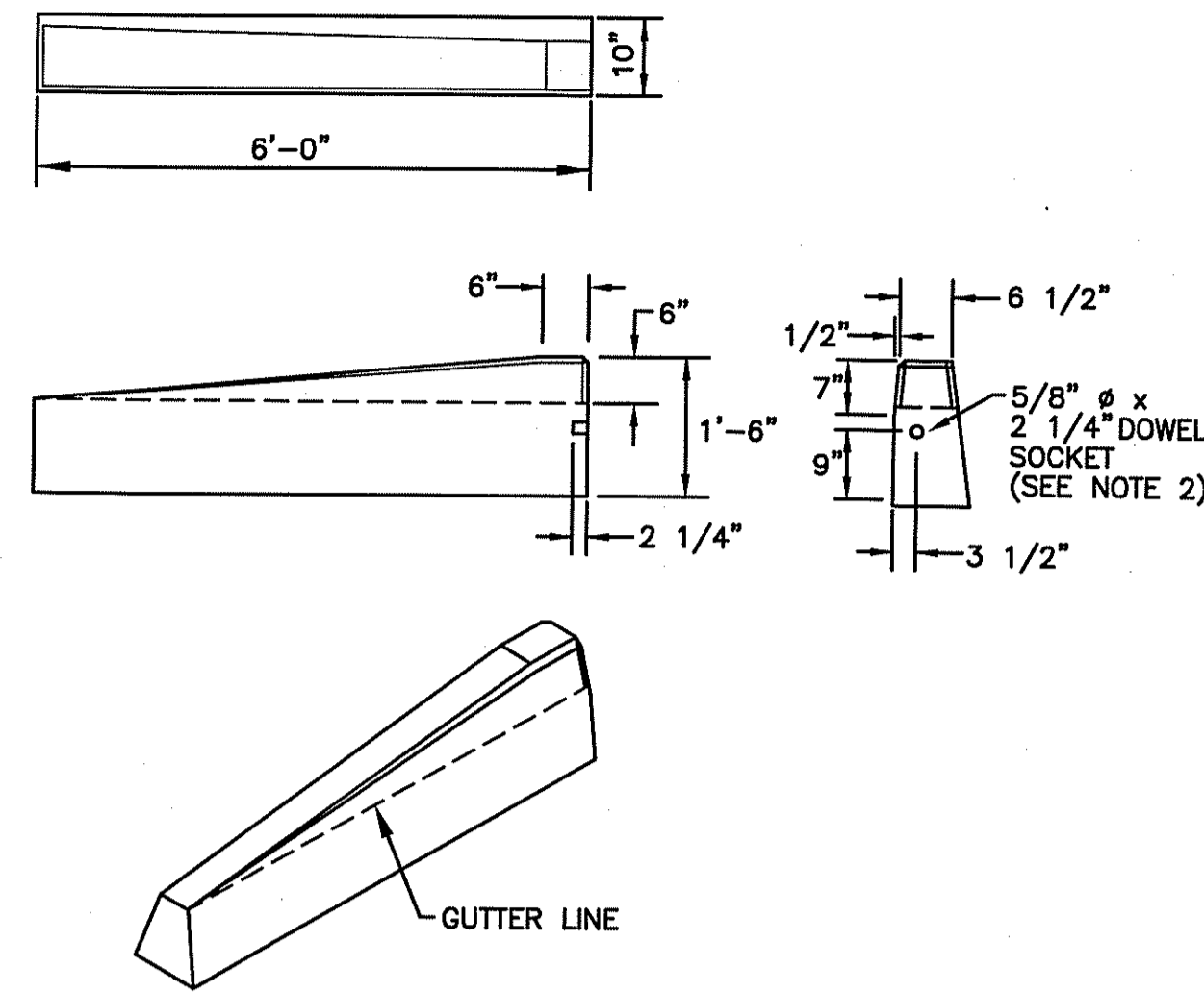


CIRCULAR CURB

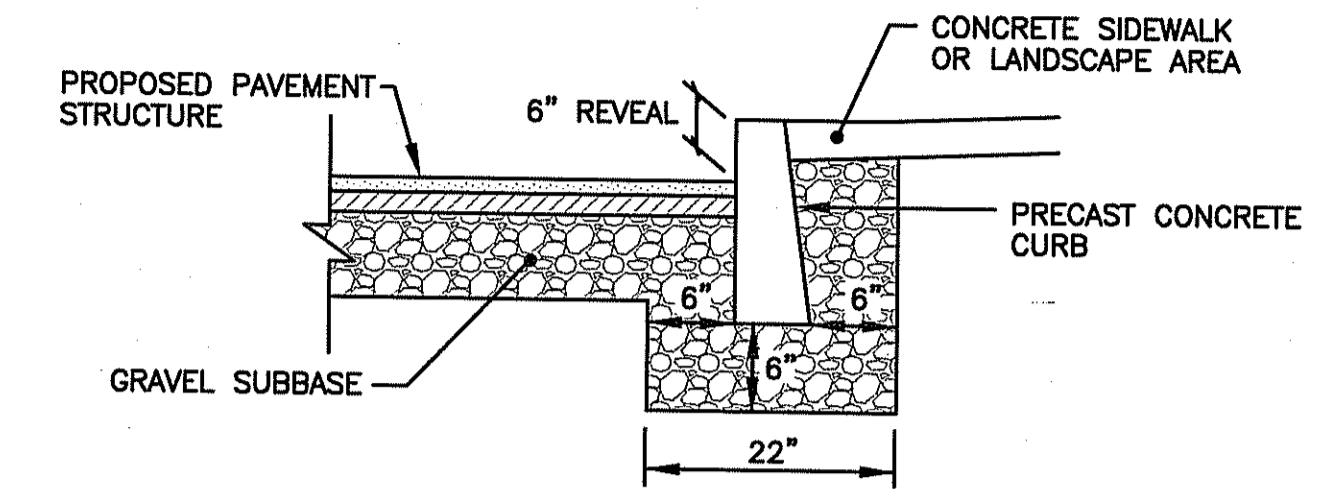
PRECAST CONCRETE CURB
NOT TO SCALE



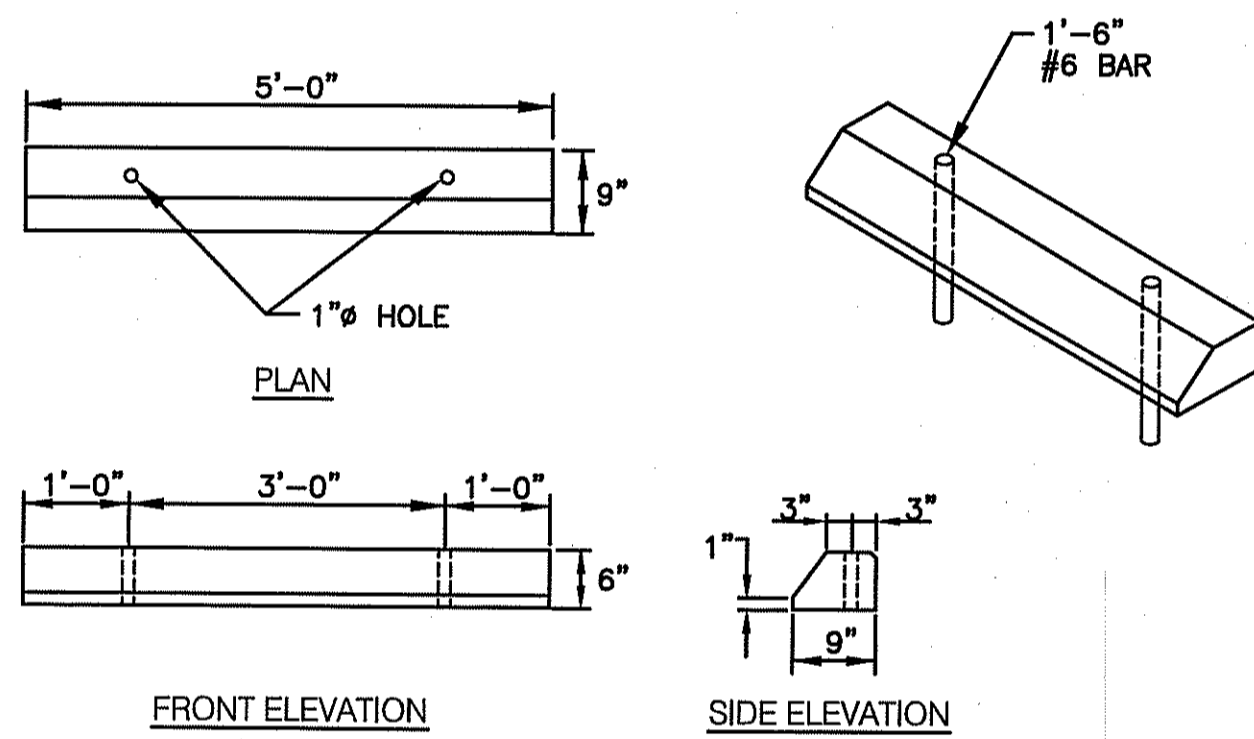
PRECAST CONCRETE
2'-0" RADIUS CORNER
NOT TO SCALE



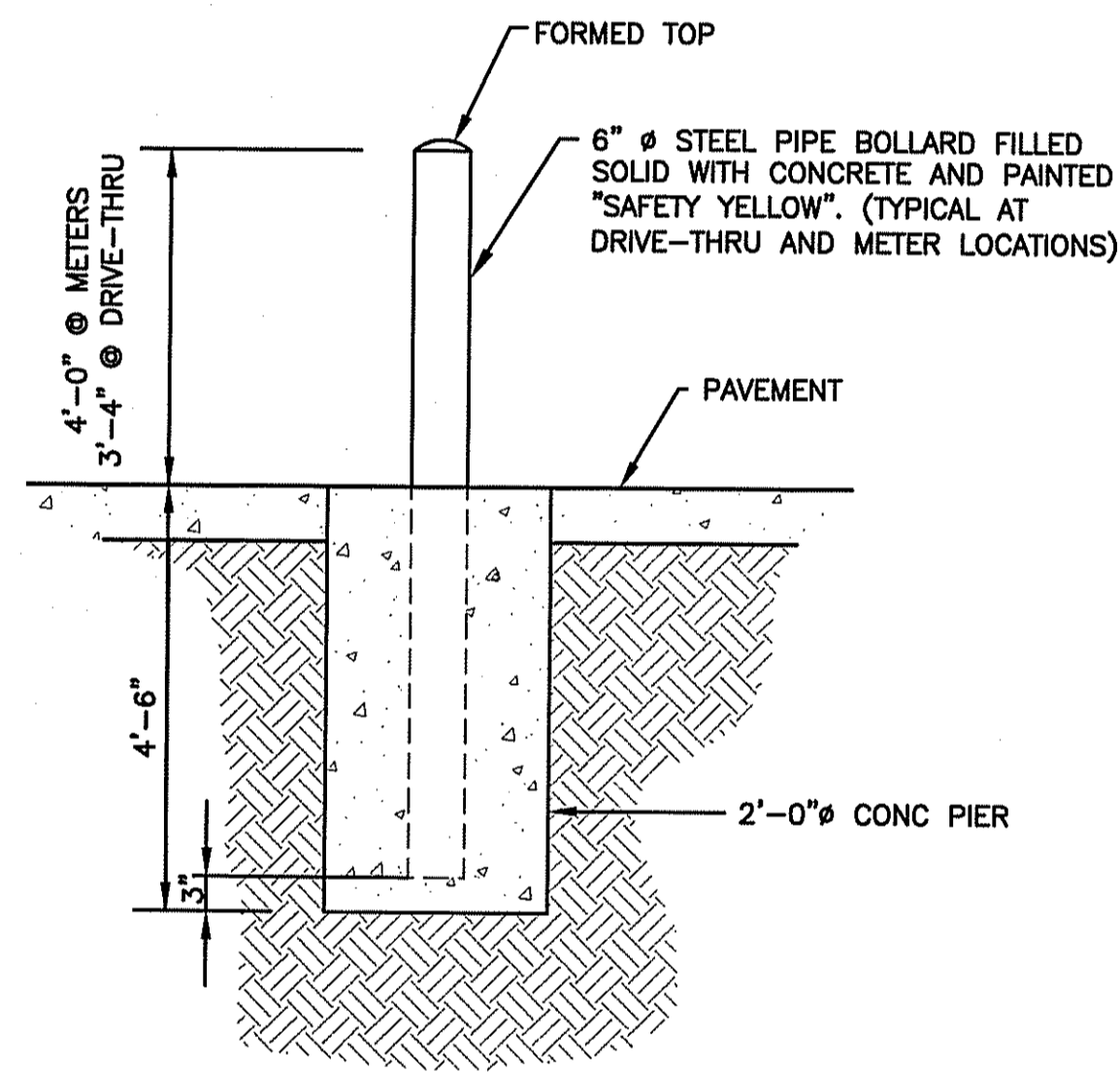
6'-0" PRECAST CONCRETE
TRANSITION CURB
NOT TO SCALE



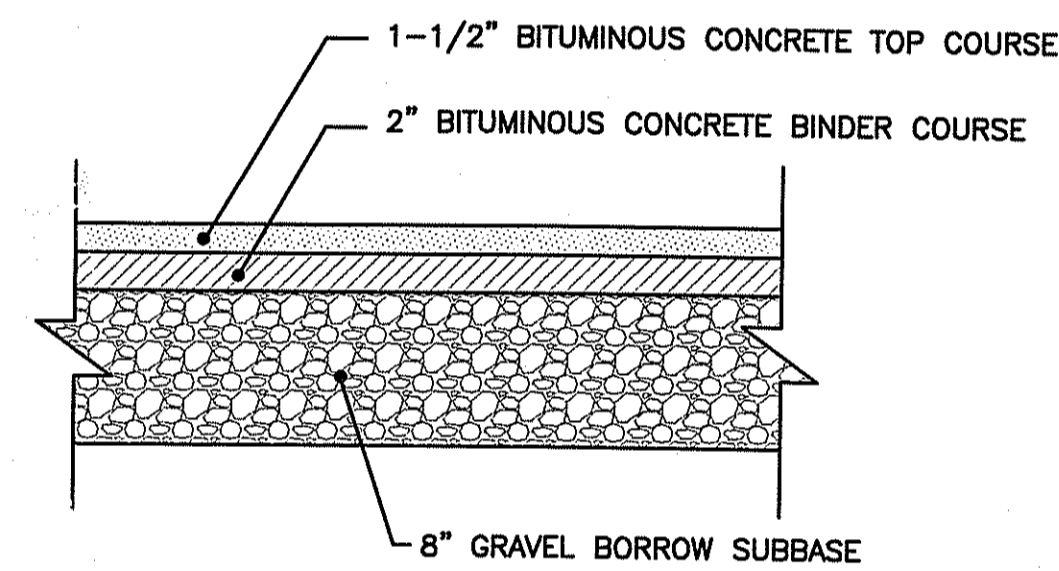
TYPICAL PRECAST CONCRETE
CURB INSTALLATION WITHIN PARKING AREAS
NOT TO SCALE



PRECAST CONCRETE CAR STOPS DETAIL
NOT TO SCALE

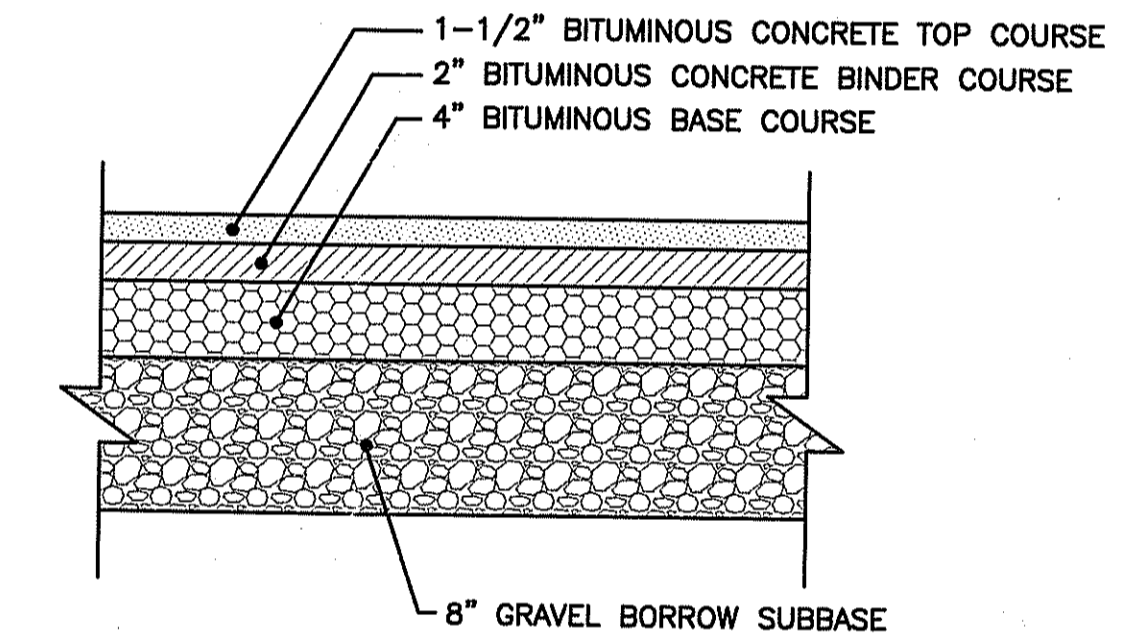


TYPICAL BOLLARD DETAIL
NOT TO SCALE



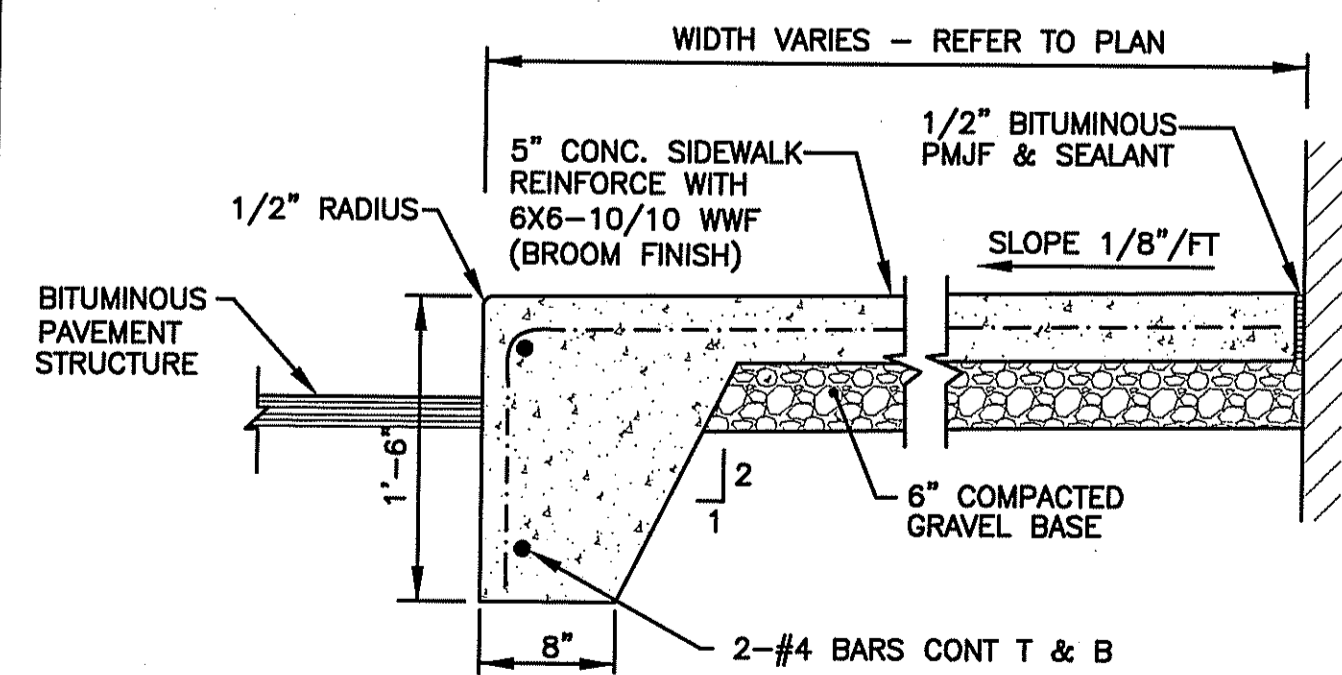
NOTE:
THE ABOVE PAVEMENT THICKNESS REPRESENTS
THE MINIMUM THICKNESS FOR PASSENGER
VEHICLE AREAS. PAVEMENT DEPTH TO BE BASED
UPON SITE SPECIFIC SOIL CONDITIONS.

- STANDARD PAVEMENT -
TYPICAL PAVEMENT STRUCTURE DETAIL (PARKING AREAS)
NOT TO SCALE

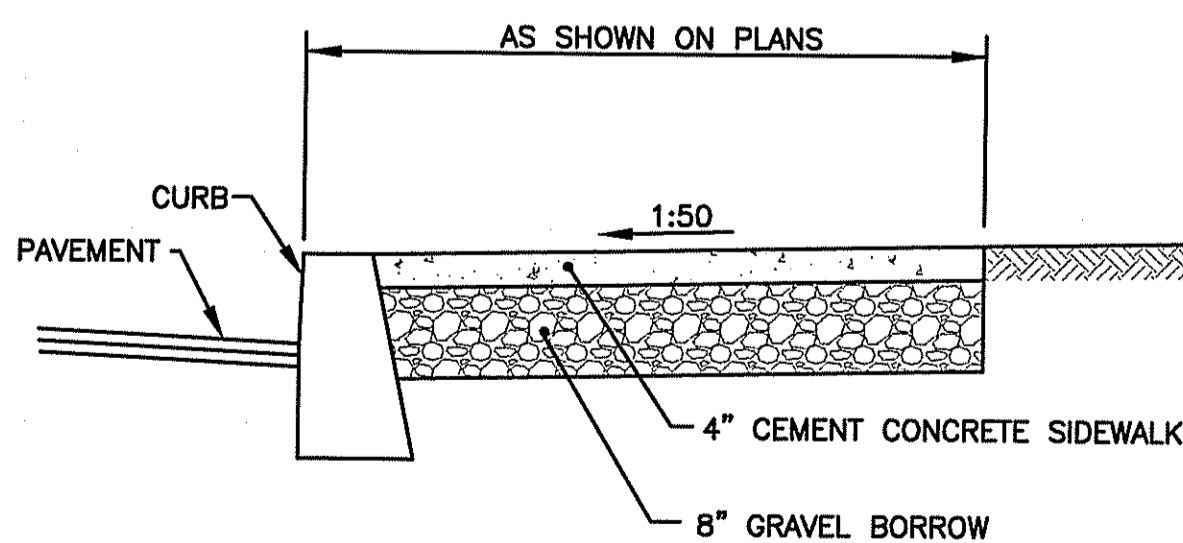


NOTE:
THE ABOVE PAVEMENT THICKNESS REPRESENTS
THE MINIMUM THICKNESS FOR TRUCK TRAFFIC
AREAS. PAVEMENT DEPTH TO BE BASED UPON
SITE SPECIFIC SOIL CONDITIONS.

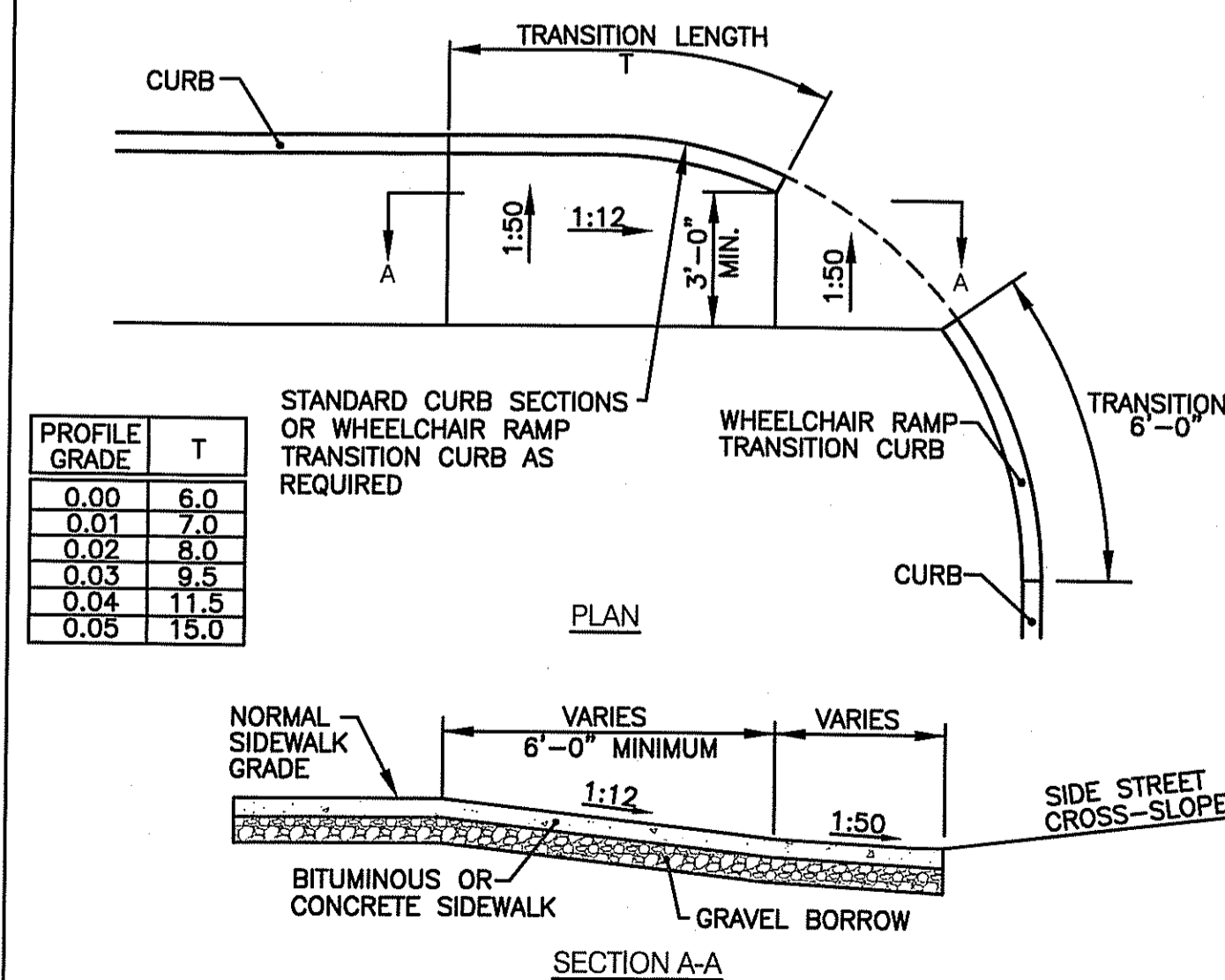
- HEAVY DUTY PAVEMENT -
TYPICAL PAVEMENT STRUCTURE DETAIL (TRUCK TRAFFIC AREAS)
NOT TO SCALE



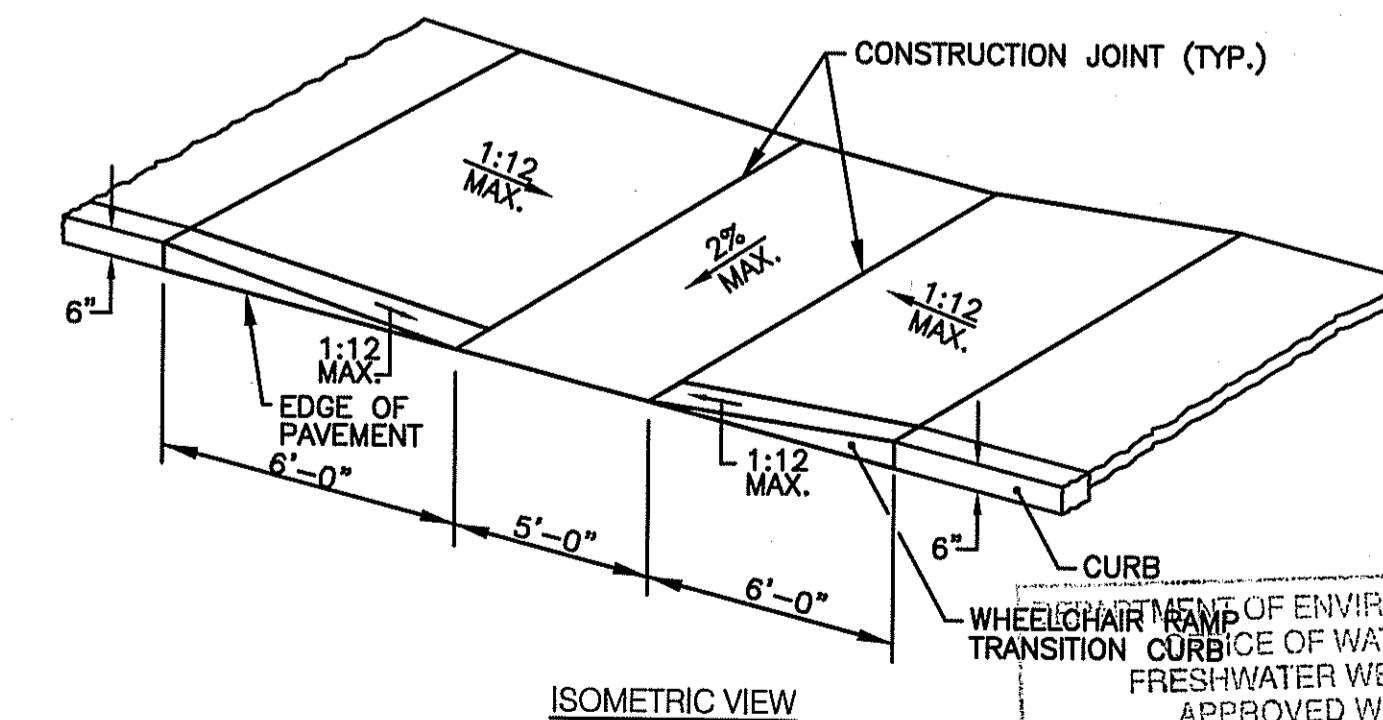
TYPICAL CONCRETE WALK AT BUILDING DETAIL
NOT TO SCALE



CEMENT CONCRETE SIDEWALK DETAIL
NOT TO SCALE



WHEELCHAIR RAMP FOR
LIMITED RIGHT-OF-WAY AREAS
NOT TO SCALE



NOTE:
ALL WHEELCHAIR RAMPS SHALL BE
IN ACCORDANCE WITH THE LOCAL
DOT STANDARDS, STATE BUILDING
CODE AND ADA REQUIREMENTS.

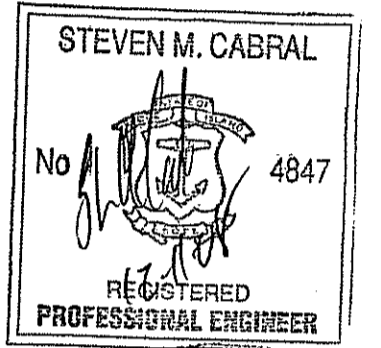
WHEELCHAIR RAMP DETAIL
NOT TO SCALE



**CROSSMAN
ENGINEERING, INC.**
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: ce@crossmaneng.com



**HIGHLAND
CORPORATE PARKS**



PROJECT TITLE:

CVS CUSTOMER SUPPORT
CENTER
PLAT MAP 52, LOT 360 AND
PORTION OF PLAT MAP 51, LOT 11
ZONING DISTRICT I-1
HIGHLAND CORPORATE DRIVE
CUMBERLAND, R.I.

PREPARED FOR:

THE ECONOMIC DEVELOPMENT
FOUNDATION OF R.I.
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:

MISCELLANEOUS DETAILS
PLAN - 1

DATE: OCTOBER 2008 SCALE: AS NOTED

DWG. NAME: 1540-C10.1-DET1-REV2.dwg

NO.	DATE	REVISION
1	11/03/08	RIDEM WETLANDS
2	12/10/08	RIDEM COMMENTS

NO.	DATE	REVISION

NO.	DATE	REVISION

NO.	DATE	REVISION

NO.	DATE	REVISION

NO.	DATE	REVISION

NO.	DATE	REVISION

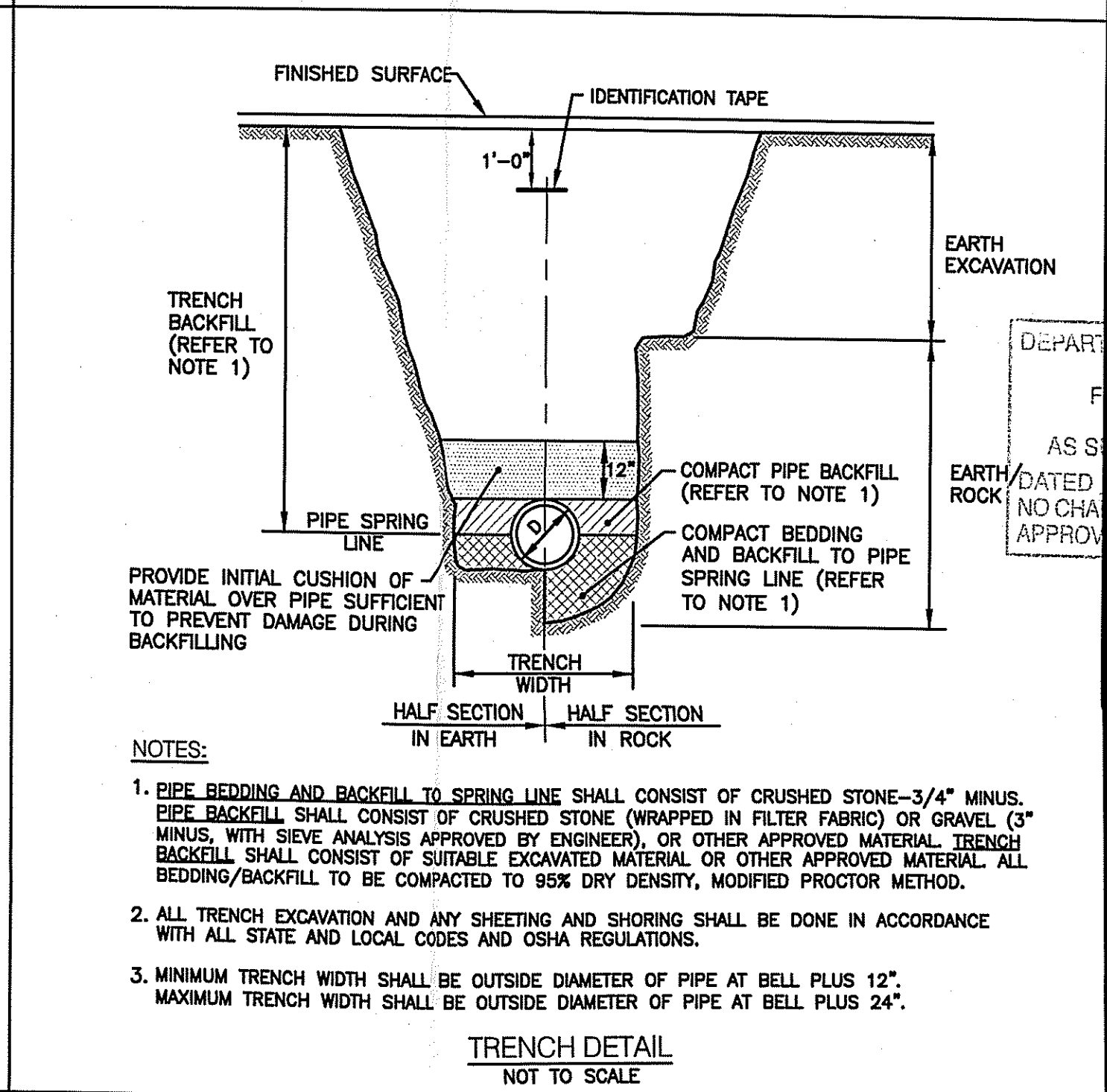
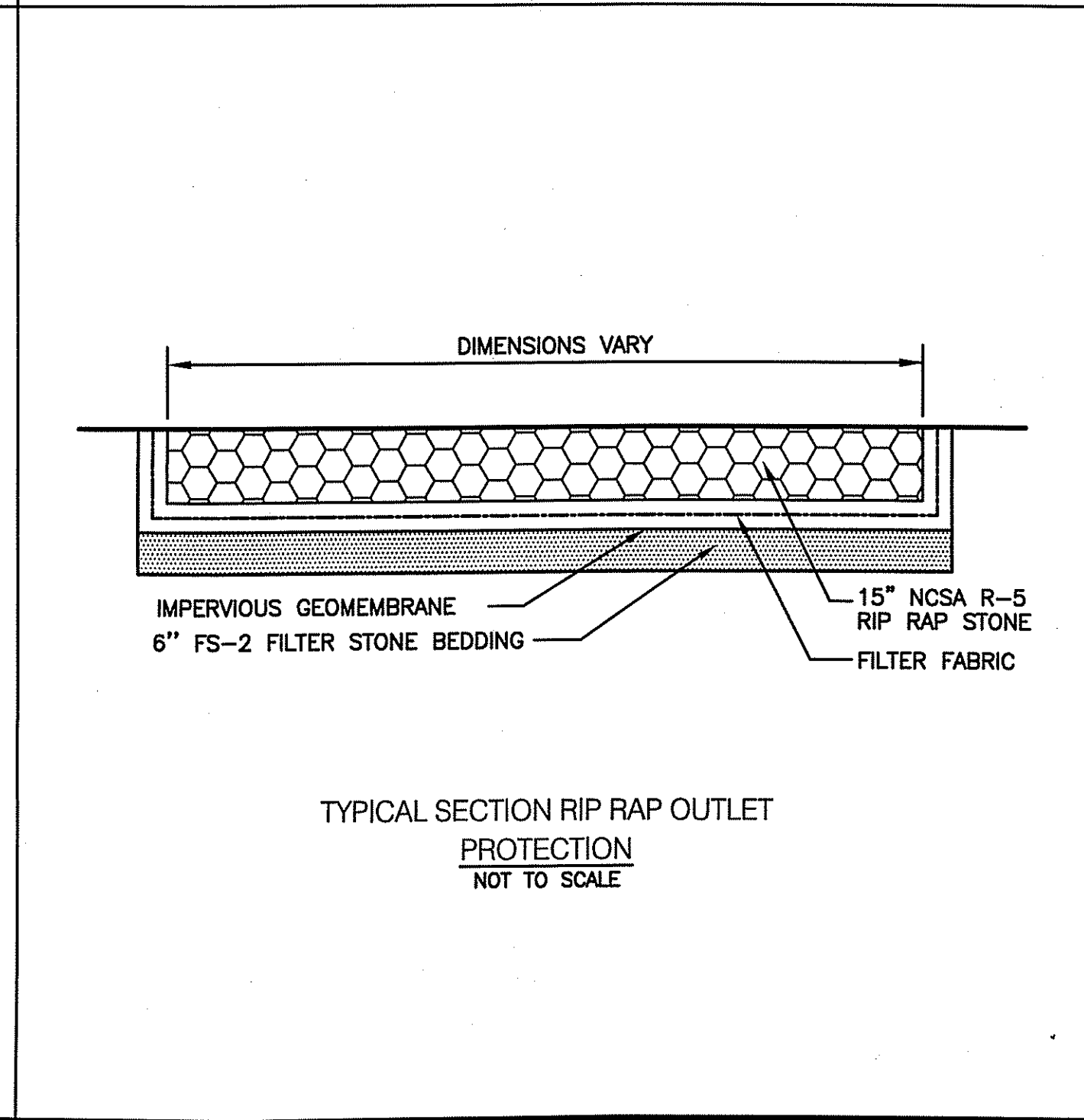
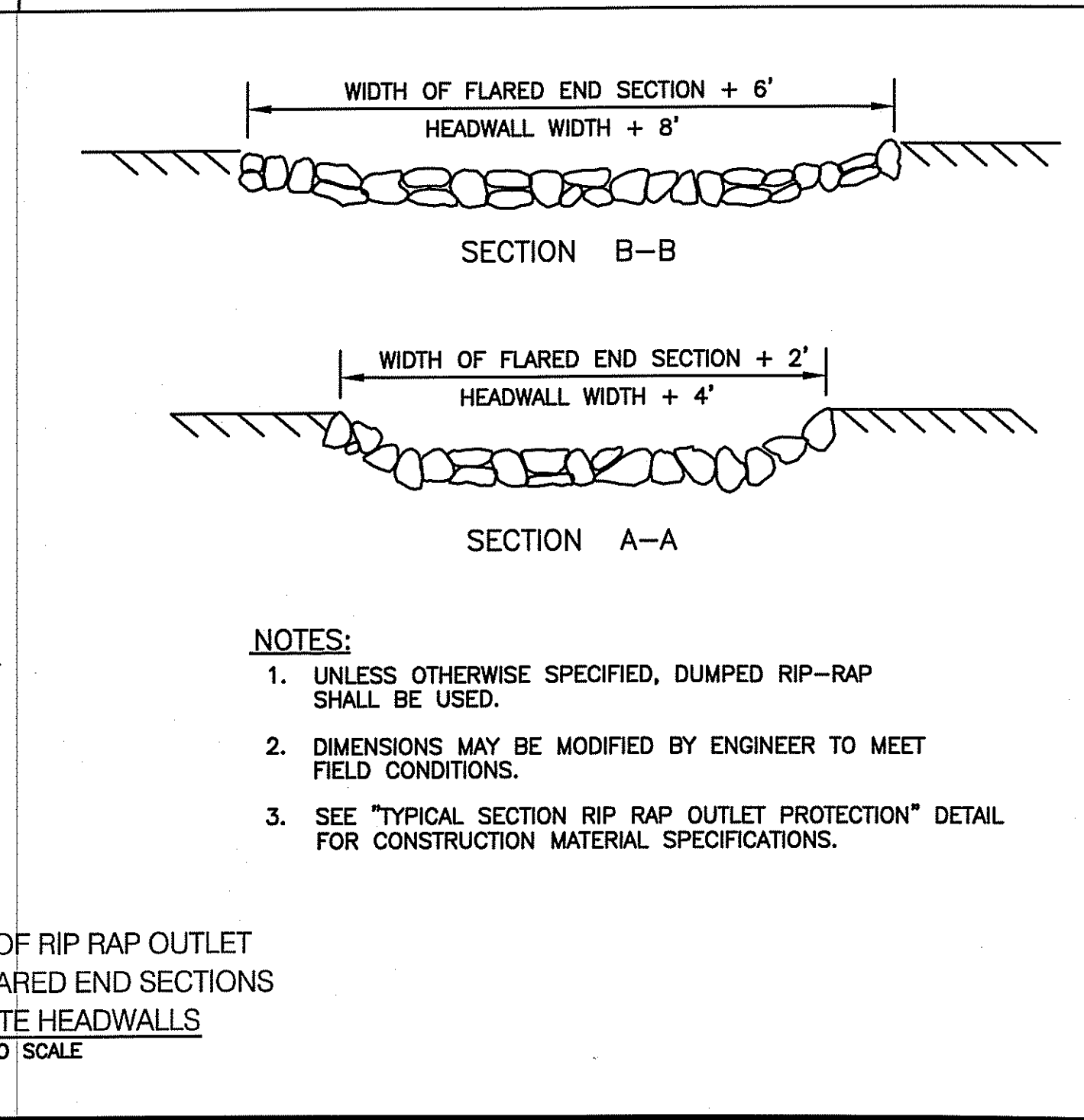
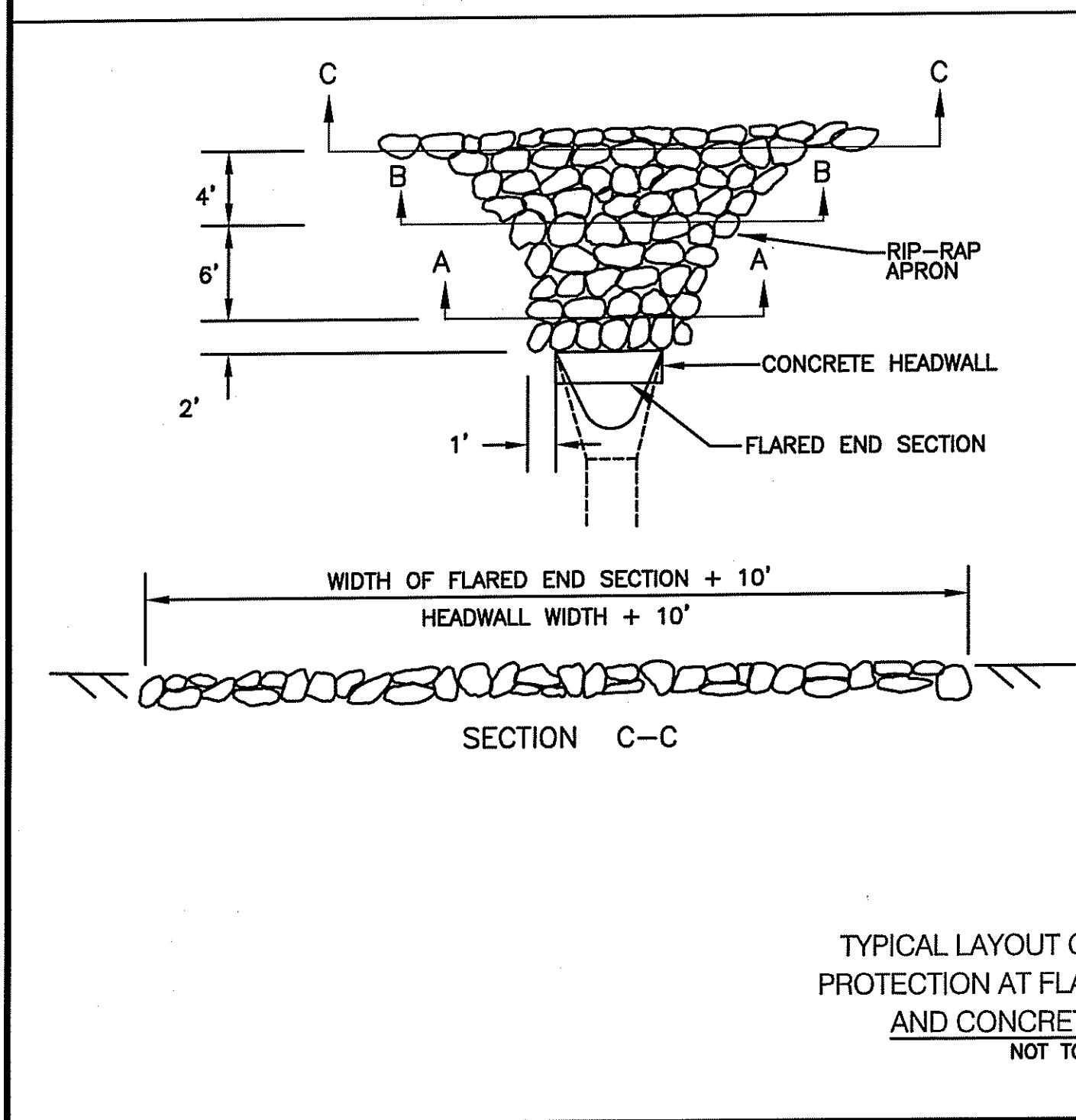
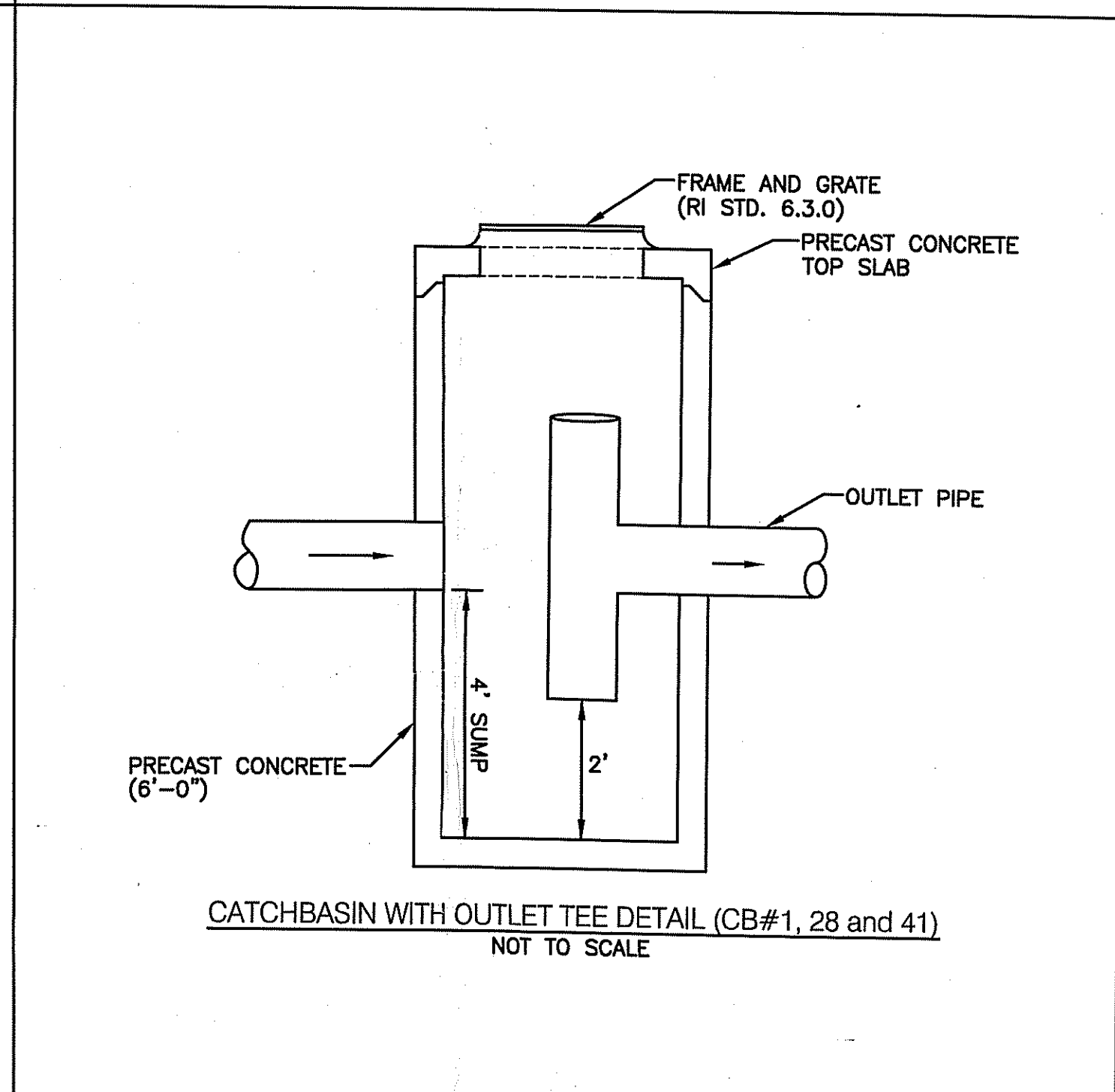
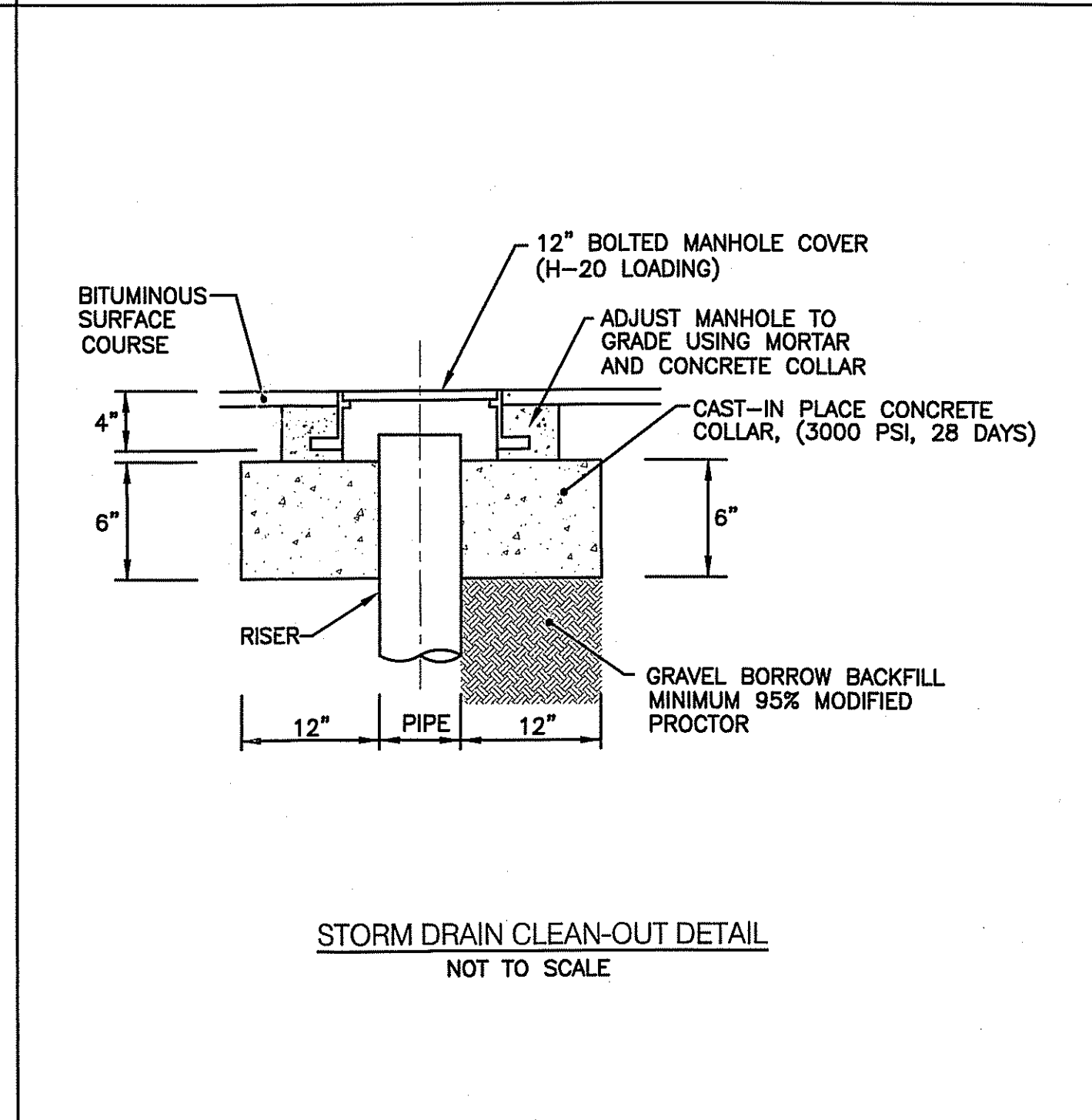
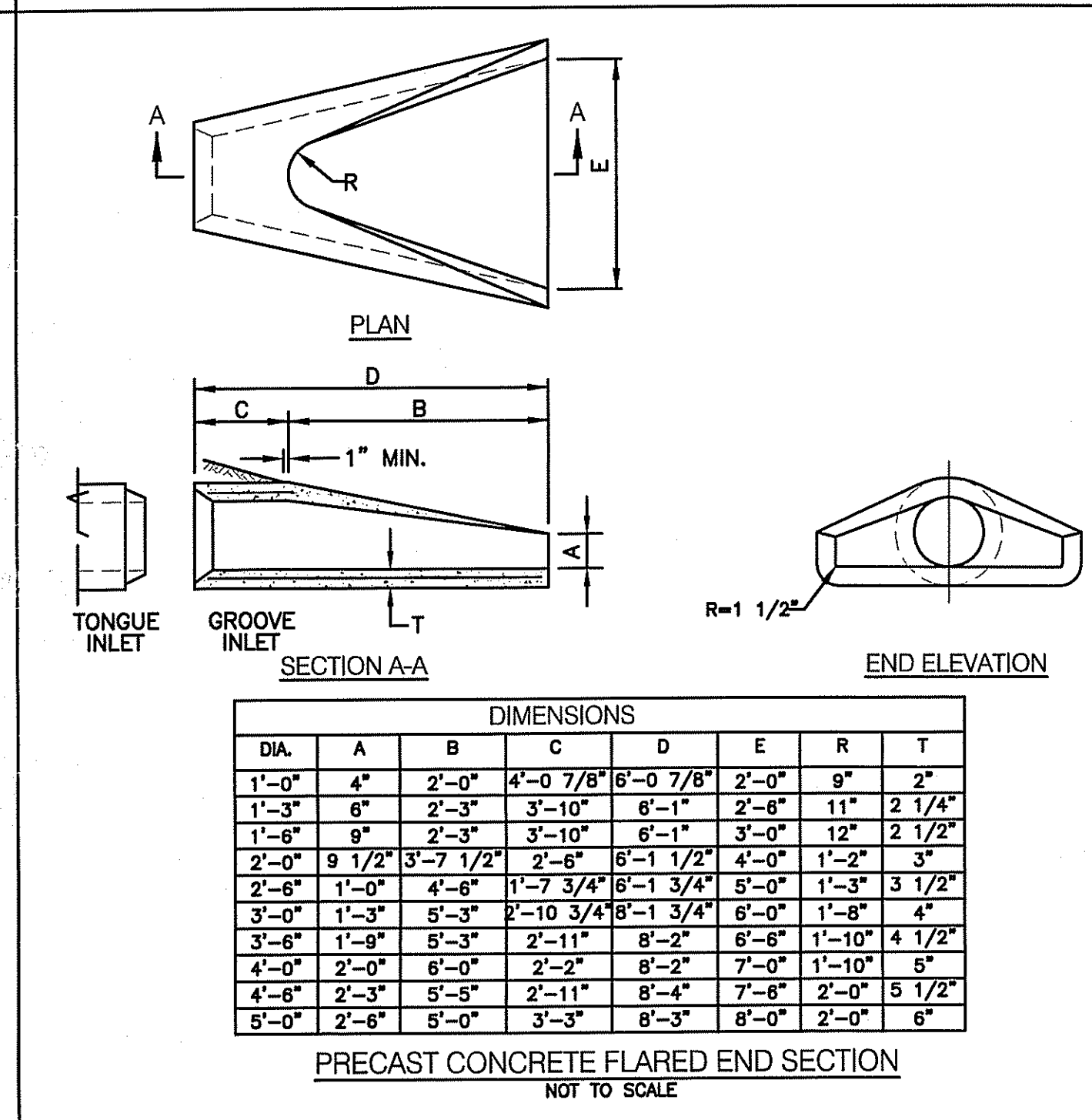
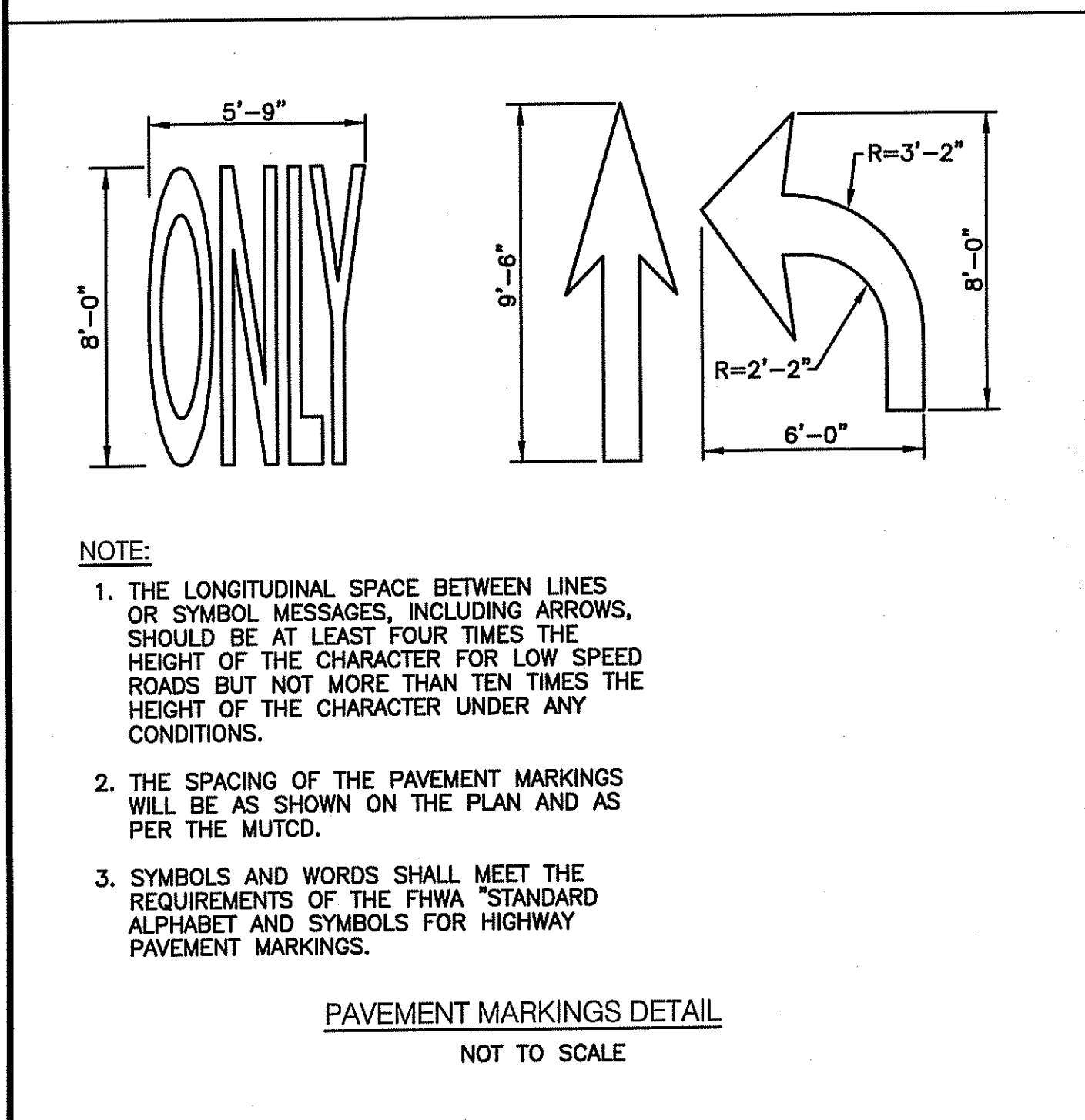
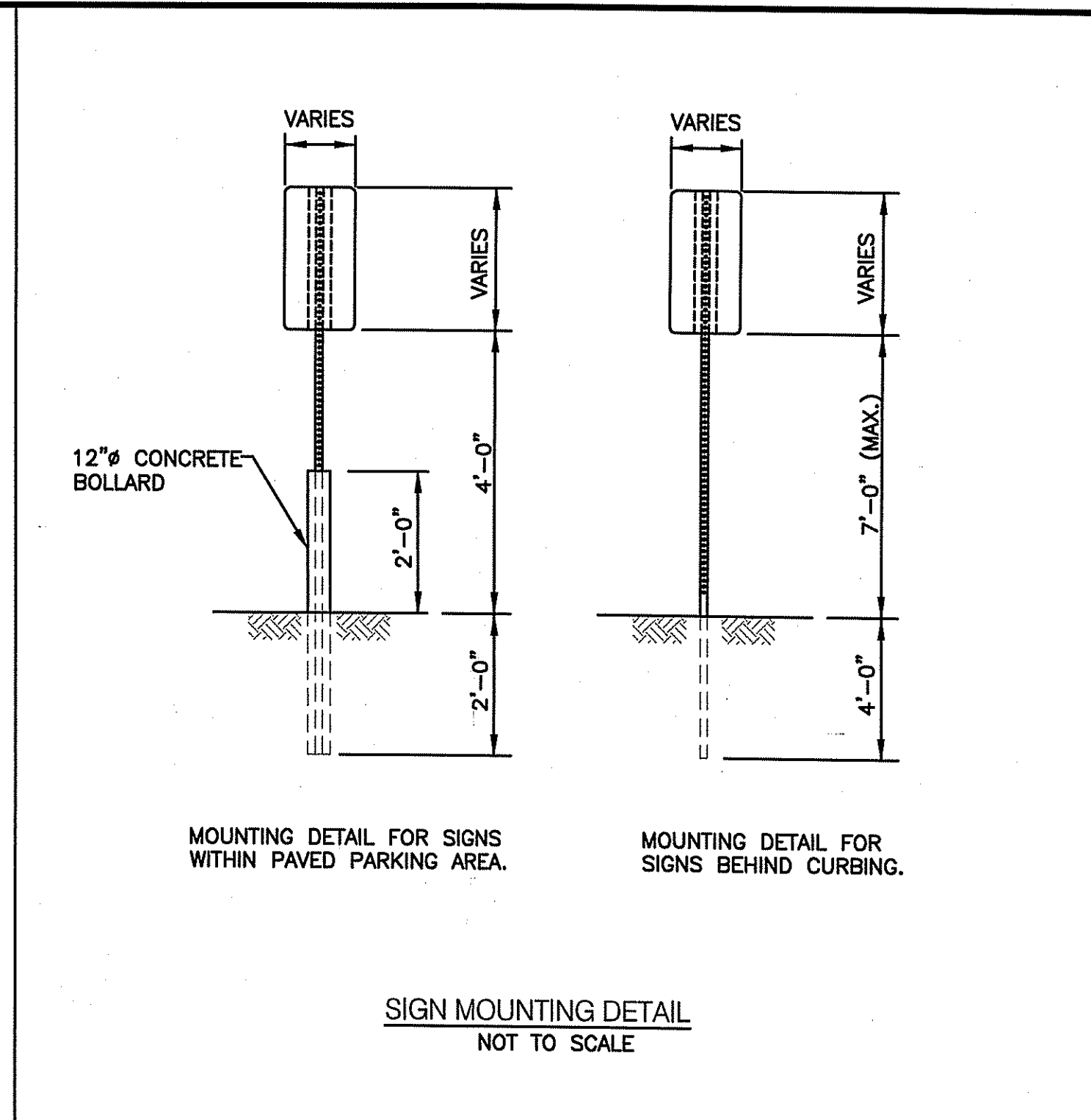
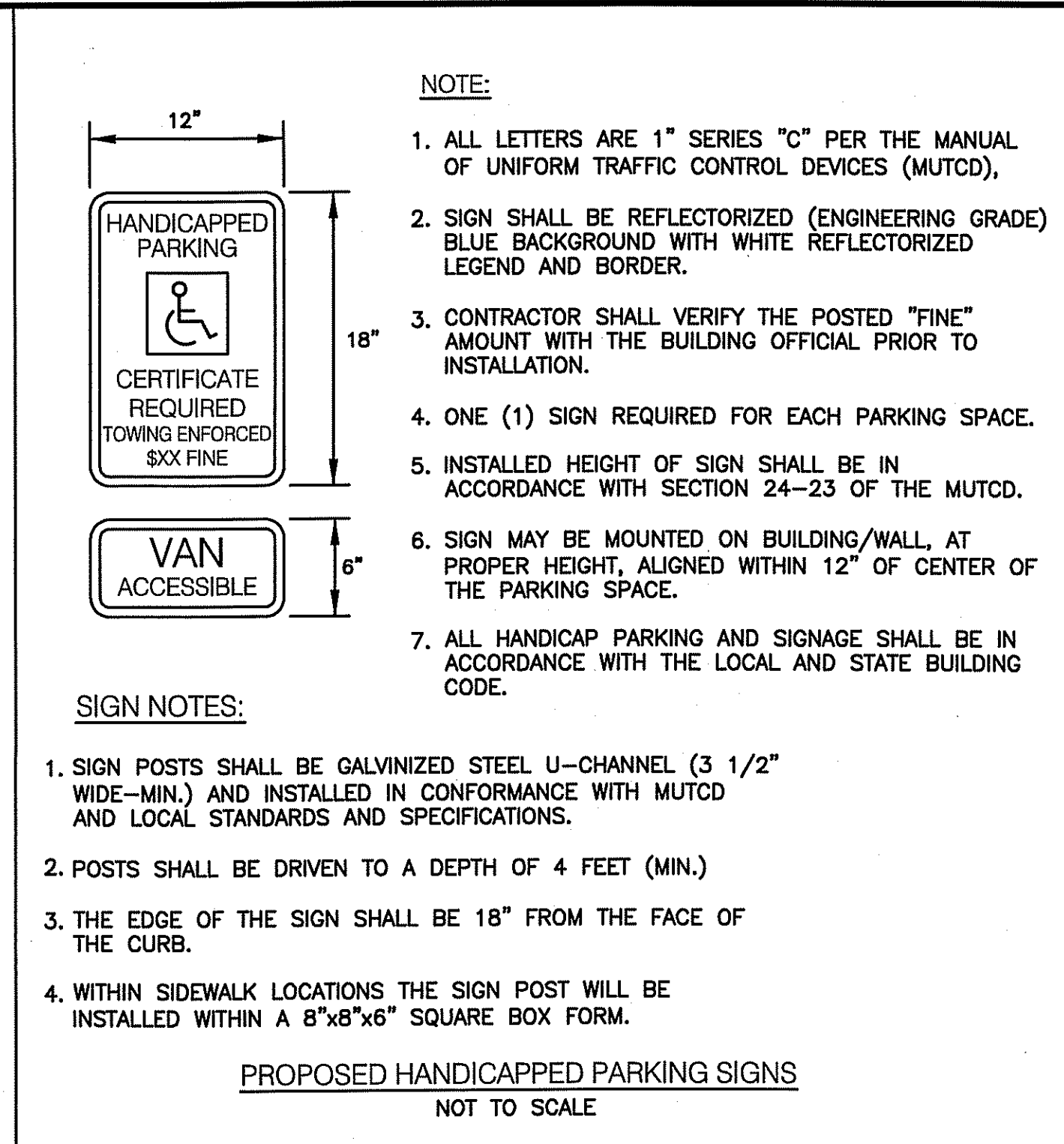
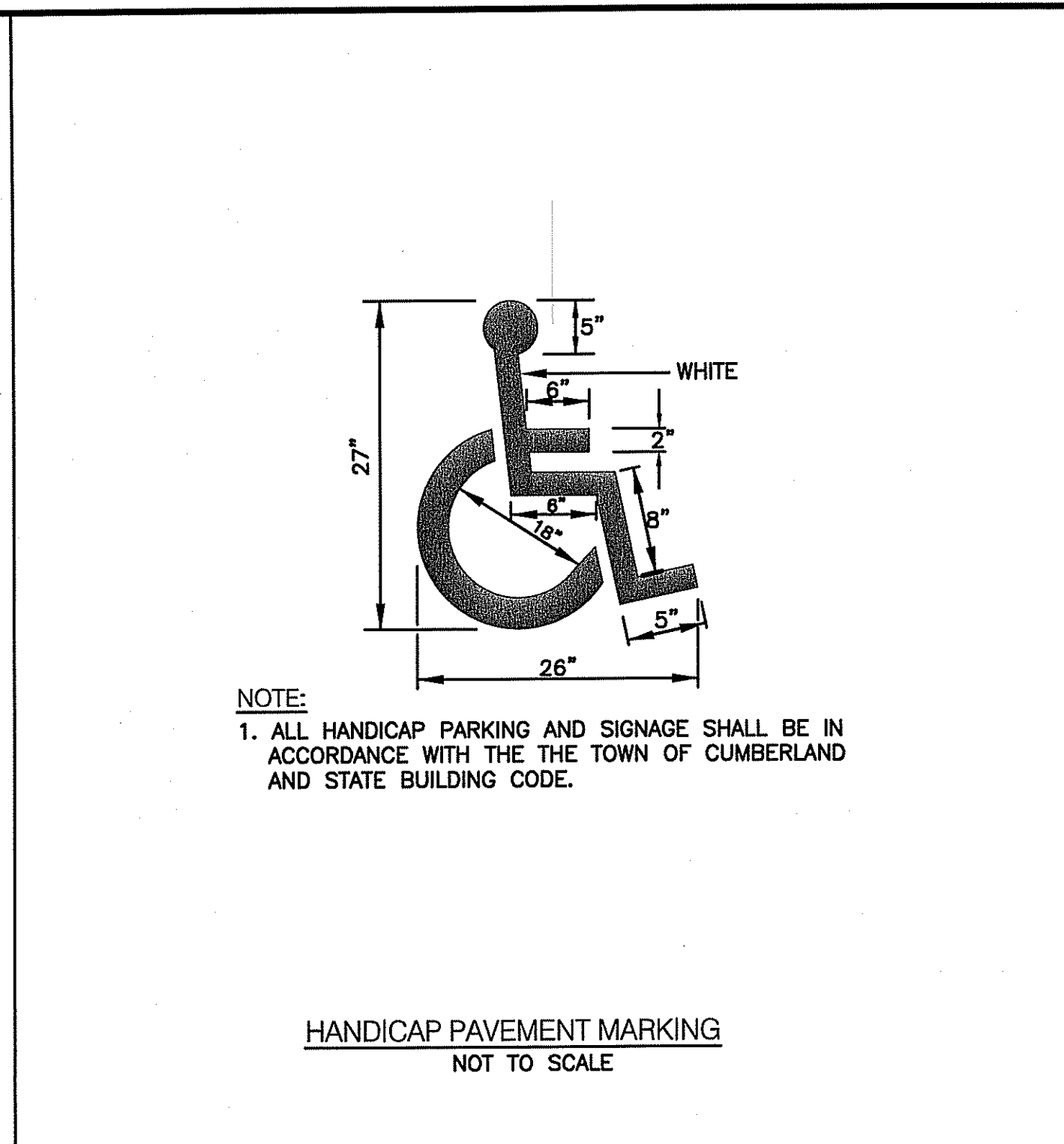
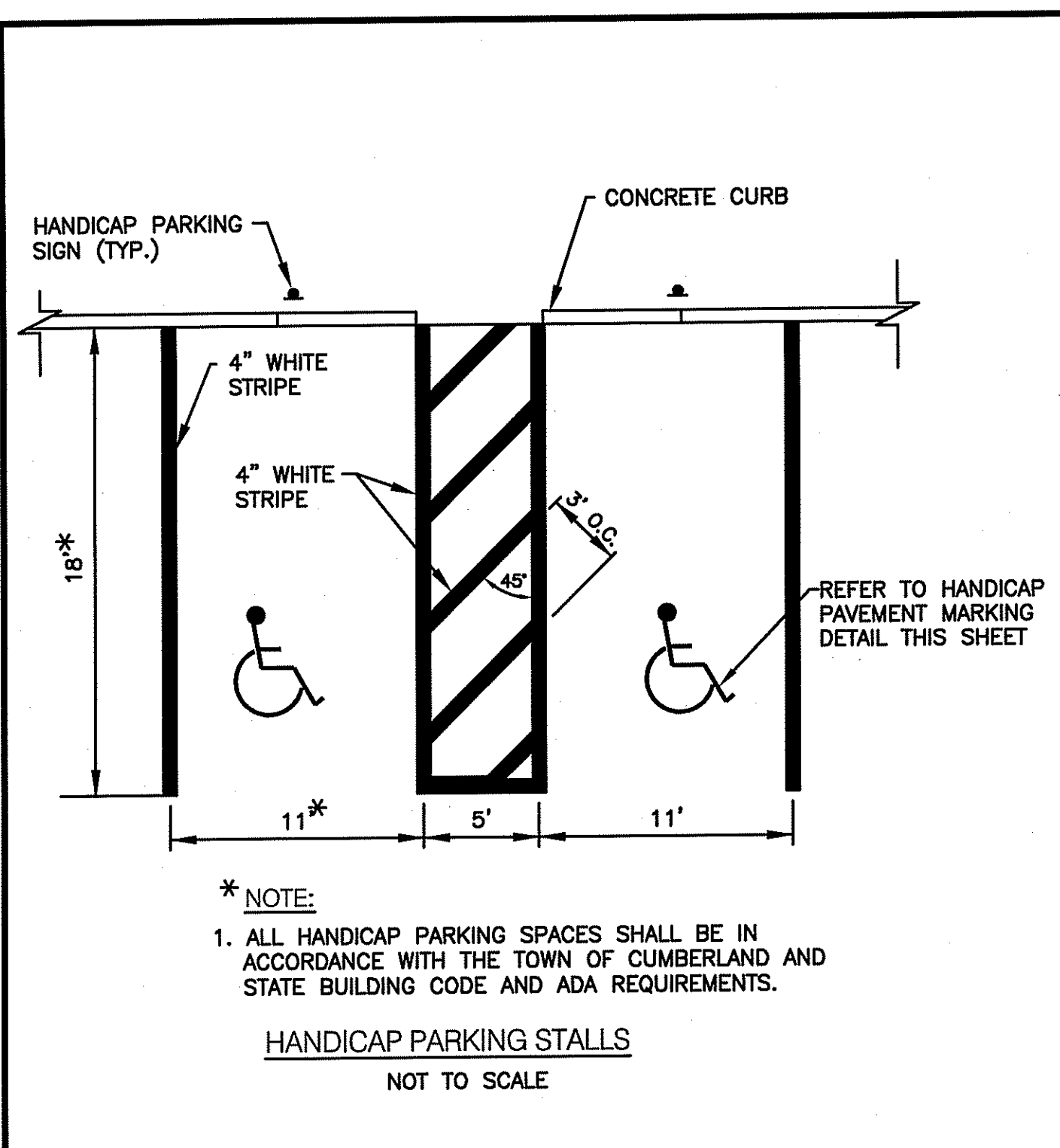
NO.	DATE	REVISION

NO.	DATE	REVISION

RIDEM WETLAND SUBMISSION

C10.1

SHEET 11 OF 27



CROSSMAN ENGINEERING, INC.
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: cel@crossmaneng.com

HIGHLAND CORPORATE PARKS
STEVEN M. CABRAL
No. 1547
REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:
CVS CUSTOMER SUPPORT CENTER
PLAT MAP 52, LOT 360 AND PORTION OF PLAT MAP 51, LOT 11 ZONING DISTRICT I-1
HIGHLAND CORPORATE DRIVE CUMBERLAND, R.I.

PREPARED FOR:
THE ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
1300 HIGHLAND CORPORATE DRIVE SUITE 202 CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:
MISCELLANEOUS DETAILS PLAN - 2

DATE: OCTOBER 2008 SCALE: AS NOTED
DWG. NAME: 1540-C10.2-DET2-REV2.dwg

NO.	DATE	REVISION
1	11/23/08	REVISION SUBMISSION
2	12/10/08	REVISION COMMENTS

DEPARTMENT OF ENVIRONMENTAL AFFAIRS
OFFICE OF WETLANDS RESOURCES
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED 01/14/09 FILE # 08-0351
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

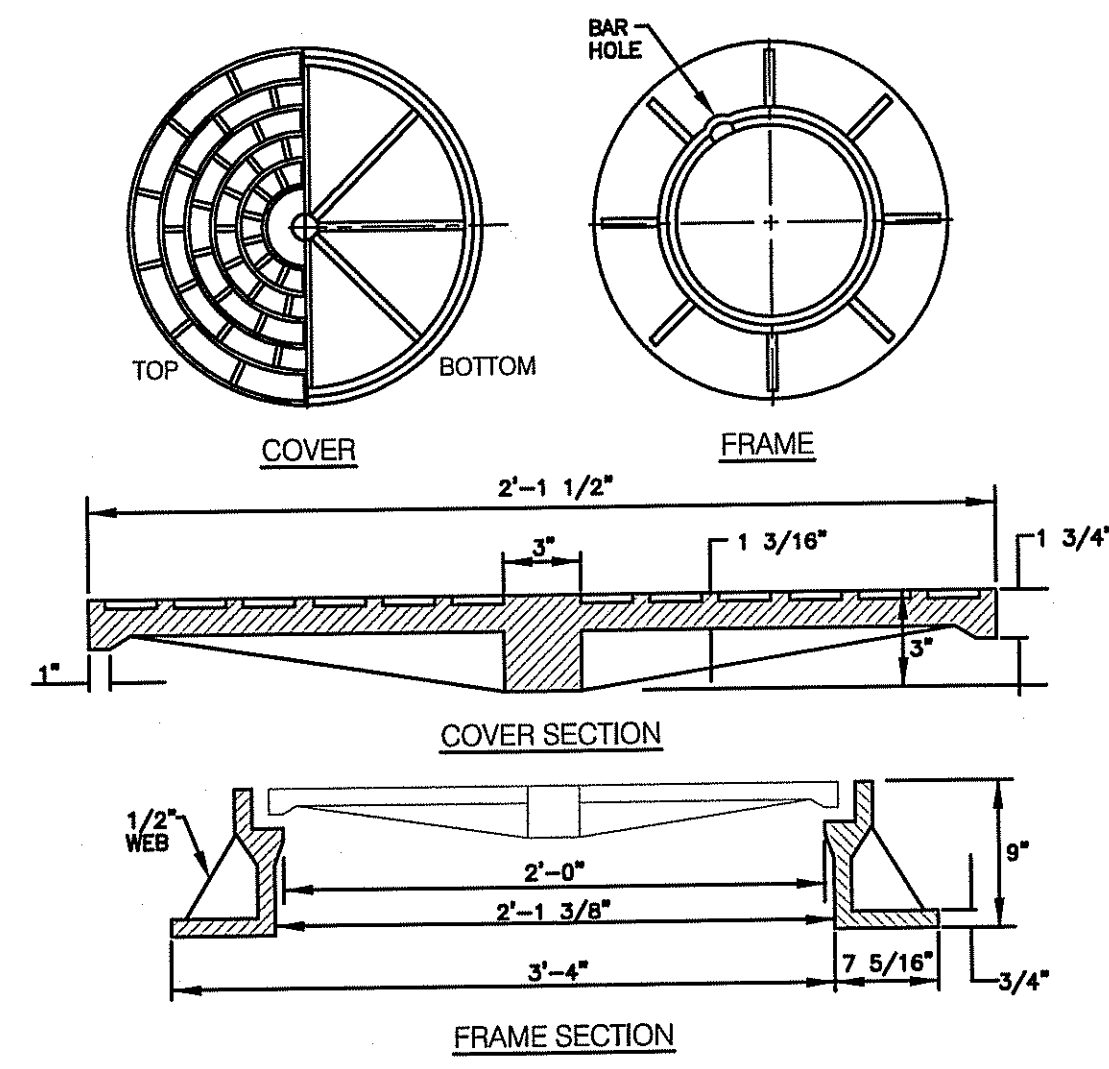
Charles A. Hester

DRAWING NUMBER
C10.2
SHEET 12 OF 27

RIDEM WETLAND SUBMISSION

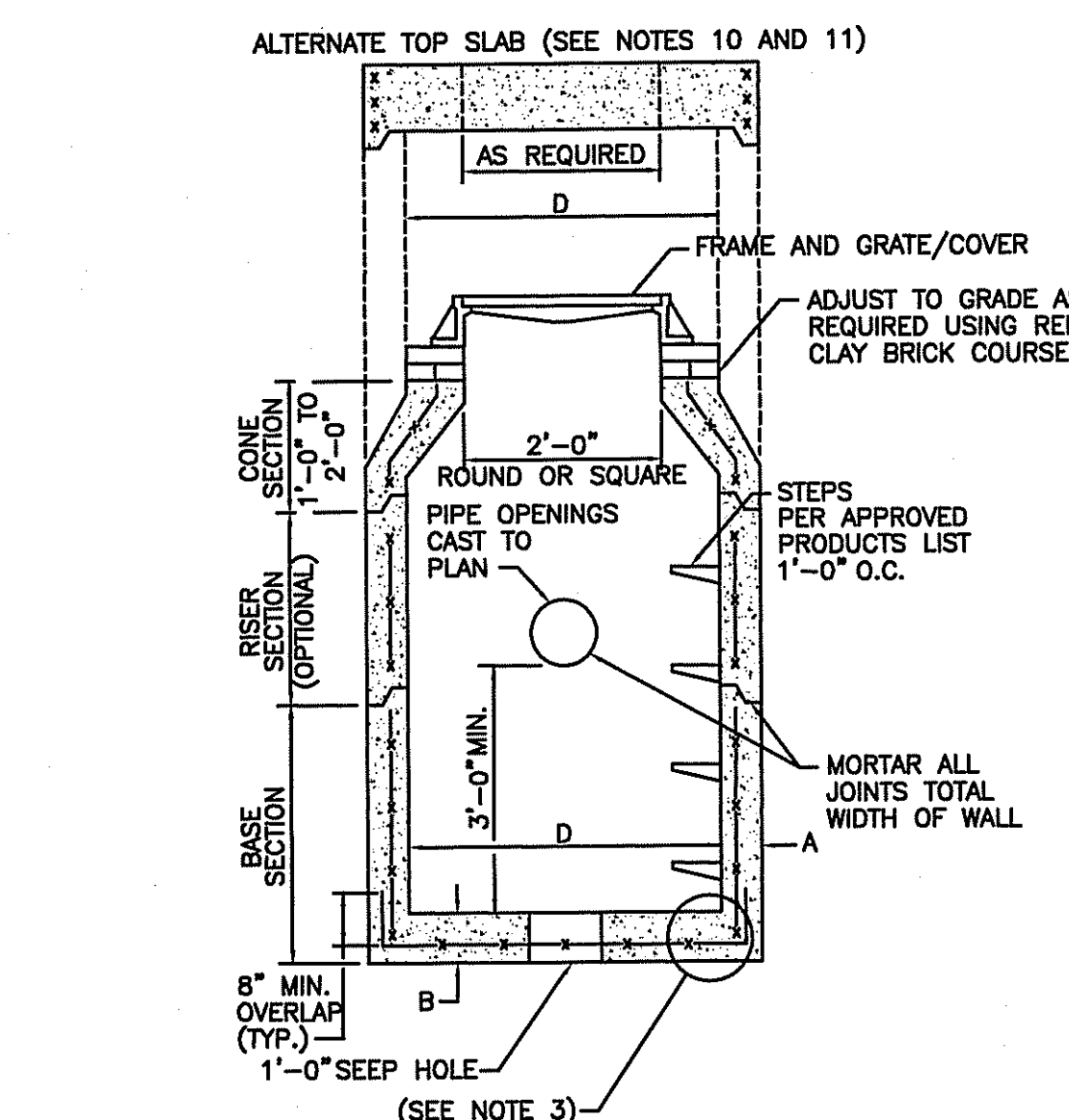
DRAINAGE STRUCTURE SCHEDULE					
NUMBER	STRUCTURE	FRAME & GRATE	RIM	INVERT (N)	INVERT (OUT)
CB 1	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.3.0	358.20	353.05(N) 353.05(S)	353.05
CB 2	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.3.0 (2)	358.00	353.90	353.90
CB 3	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.4	358.40	---	354.00
CB 4	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0 (2)	360.25	355.75(W) 355.75(N)	355.75
CB 5	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	361.10	357.50	357.50
CB 6	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	364.72	358.95	358.85
CB 7	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	368.00	361.55(N) 361.55(W)	361.05
CB 8	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	368.90	362.30	362.20
CB 9	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	366.60	---	363.60
CB 10	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	370.91	366.62	366.52
CB 11	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	372.10	367.37	367.27
CB 12	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	372.74	---	368.62
CB 13	PRECAST (DROP INLET)	R.I. STD. 6.3.0	357.00	---	354.50
CB 14	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0	356.90	354.00	354.00
CB 15	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	360.45	357.00	357.00
CB 16	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	362.00	---	358.69
CB 17	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.4 (2)	361.65	357.20	357.20
CB 19	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0 (2)	337.60	334.00	334.00
CB 20	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0	339.50	335.00	335.00
CB 21	PRECAST (DROP INLET)	R.I. STD. 6.3.4	340.15	---	337.65
CB 22	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	341.90	338.50	338.50
CB 23	PRECAST (DROP INLET)	R.I. STD. 6.3.0 (2)	344.75	---	342.25
CB 24	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.4	344.65	341.50	341.50
CB 25	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	349.20	345.39	345.29
CB 26	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	350.80	---	347.09
CB 27	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.3.0 (2)	339.00	334.75	334.75
CB 28	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.3.4	338.75	334.00	334.00
CB 29	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0 (2)	341.80	336.10	336.00
CB 30	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0 (2)	343.36	337.50(N) 337.50(W)	337.40
CB 31	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	345.34	338.50(S) 338.90(W)	338.40
CB 32	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	343.58	339.97	339.87
CB 33	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	343.90	340.90	340.80
CB 34	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	346.00	---	342.00
CB 35	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.4	348.40	341.98	341.86
CB 36	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	350.71	344.79	344.69
CB 37	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	356.40	351.65	351.55
CB 38	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0	356.40	---	351.95
CB 39	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0	347.00	343.88	343.78
CB 40	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.3.0 (2)	361.90	---	347.73
CB 41	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.3.0 (2)	338.00	333.75	333.75
CB 42	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.4	359.80	355.81(W) 355.81(N)	335.71
CB 43	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.4	359.80	---	356.20
CB 44	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.4	363.20	359.30(W) 359.30(N)	359.20
CB 45	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.4	363.20	---	359.75
CB 46	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0	371.00	366.58	366.48
CB 47	PRECAST CONCRETE (5" DIA)	R.I. STD. 6.3.0	374.88	---	370.88
CB 48	EXISTING	EXISTING	EXISTING	353.40	EXISTING
CB 49	PRECAST CONCRETE (4" DIA)	R.I. STD. 6.4.0	355.90	---	352.90
DMH 1	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.2.1	358.80	353.65(E) 353.65(W)	353.65
DMH 2	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.2.1	338.10	333.55(N) 333.55(S)	333.55
DMH 3	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.2.1	357.50	352.77	352.77
DMH 4	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.2.1	338.60	333.27	333.27
DMH 5	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.2.1	339.90	333.27	333.00
DMH 6	PRECAST CONCRETE (6" DIA)	R.I. STD. 6.2.1	361.00	352.77	352.77

NOTE:
CATCHBASIN NOS. 1, 28, AND 41 SHALL BE 6" DIAMETER STRUCTURES WITH A 4" SUMP AND TEE ON THE OUTLET PIPE. CATCHBASIN NOS. 42-47 SHALL BE 5" DIAMETER STRUCTURES WITH A 4" SUMP AND TEE ON THE OUTLET PIPE.



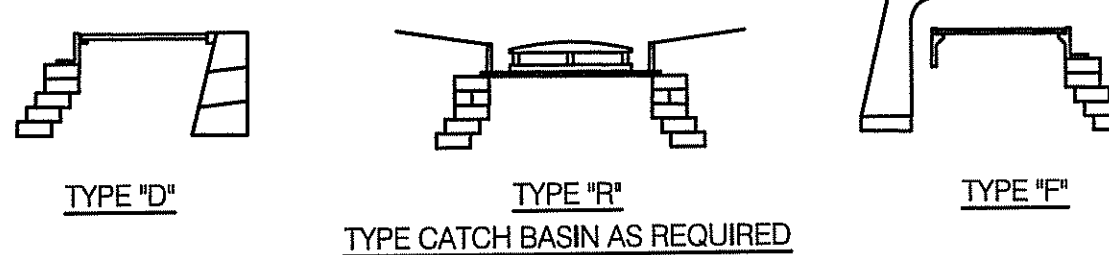
NOTES:
1. FRAME AND GRATE SHALL CONFORM TO SECTION M.04 OF THE R.I. STANDARDS.
2. FRAME AND COVER SEATS MUST HAVE MACHINE FINISH.

R.I. STANDARD 6.2.1
ROUND MANHOLE FRAME AND COVER (HEAVY DUTY)
NOT TO SCALE



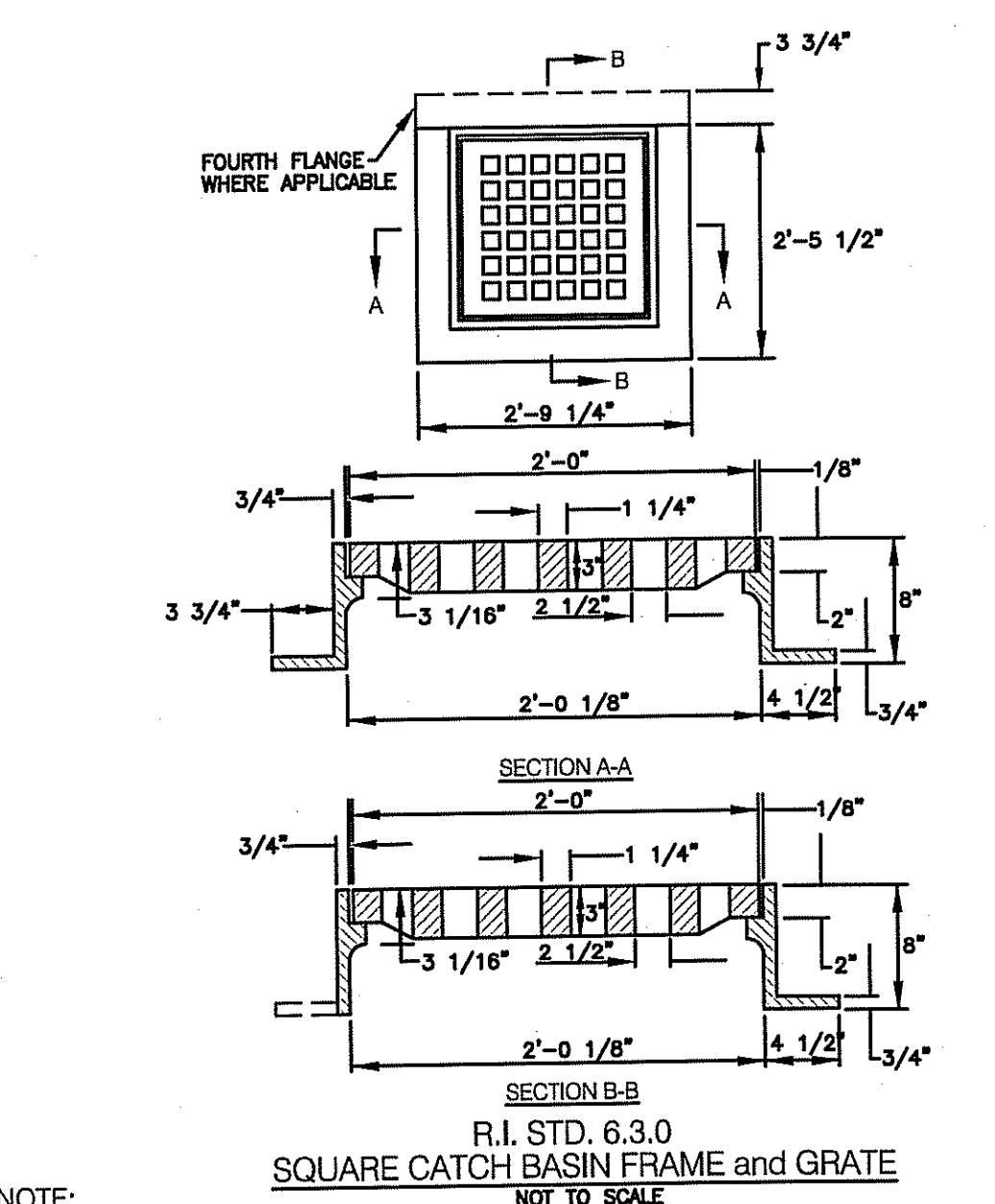
CATCH BASIN DIAMETER (D)	A	B	CIRCUMFERENTIAL STEEL REINFORCEMENT REQUIRED*
4'-0"	5"	6"	0.12 SQ. IN./LIN. FT.
5'-0"	6"	7"	0.15 SQ. IN./LIN. FT.
6'-0"	7"	8"	0.18 SQ. IN./LIN. FT.

* FOR LONGITUDINAL (VERTICAL STANDING) REINFORCEMENT REFER TO ASTM C478, ITEM 8.1.2



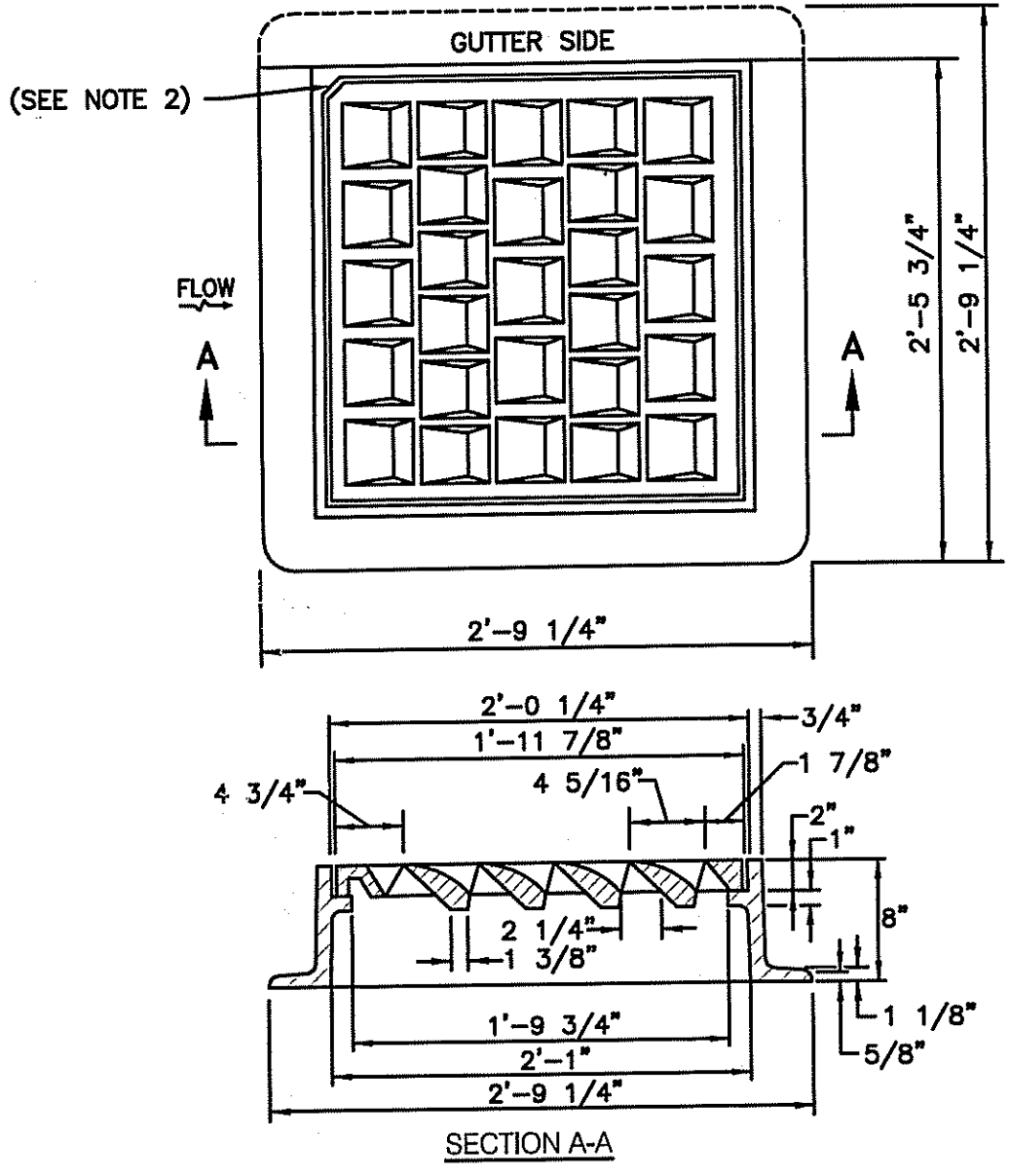
- SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
- SEE TABLE 1 FOR STEEL REINFORCEMENT REQUIREMENTS.
- MINIMUM REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQ. IN./FT. (BOTH WAYS).
- STEPS SHALL CONFORM TO STD. 5.3.0 AND SHALL BE INSTALLED AT THE CASTING PLANT.
- ONE POUR MONOLITHIC BASE SECTION.
- ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS AND CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
- FOR CATCH BASIN TYPES "D" AND "F" STEPS MUST BE INSTALLED ON THE CURB SIDE OF THE STRUCTURE.
- THE CENTERLINE OF THE OPENING MUST BE WITHIN 2'-0" FROM THE STEPS.
- ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H-25 LOADING (SEE STD. 4.7.2).
- ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
- REFER TO STD. 5.2.0 FOR MAXIMUM PIPE SIZES.

R.I. STANDARD 4.4.0
PRECAST 4'-0", 5'-0", OR 6'-0" ROUND CATCH BASIN
NOT TO SCALE



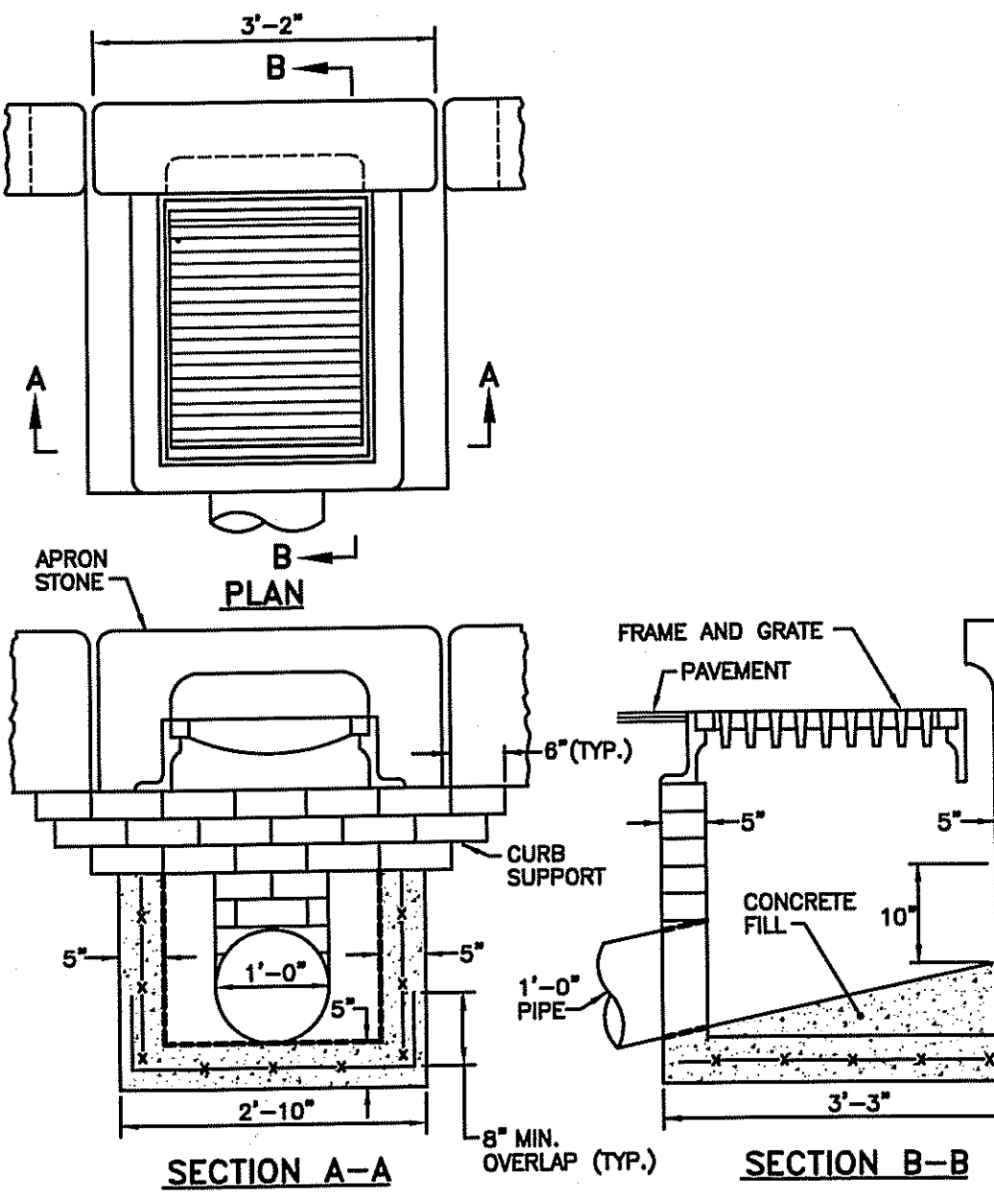
NOTE:
FRAME AND GRATE SHALL CONFORM TO SECTION M.04 OF THE R.I. STANDARD SPECIFICATIONS.

R.I. STD. 6.3.0
SQUARE CATCH BASIN FRAME AND GRATE
NOT TO SCALE



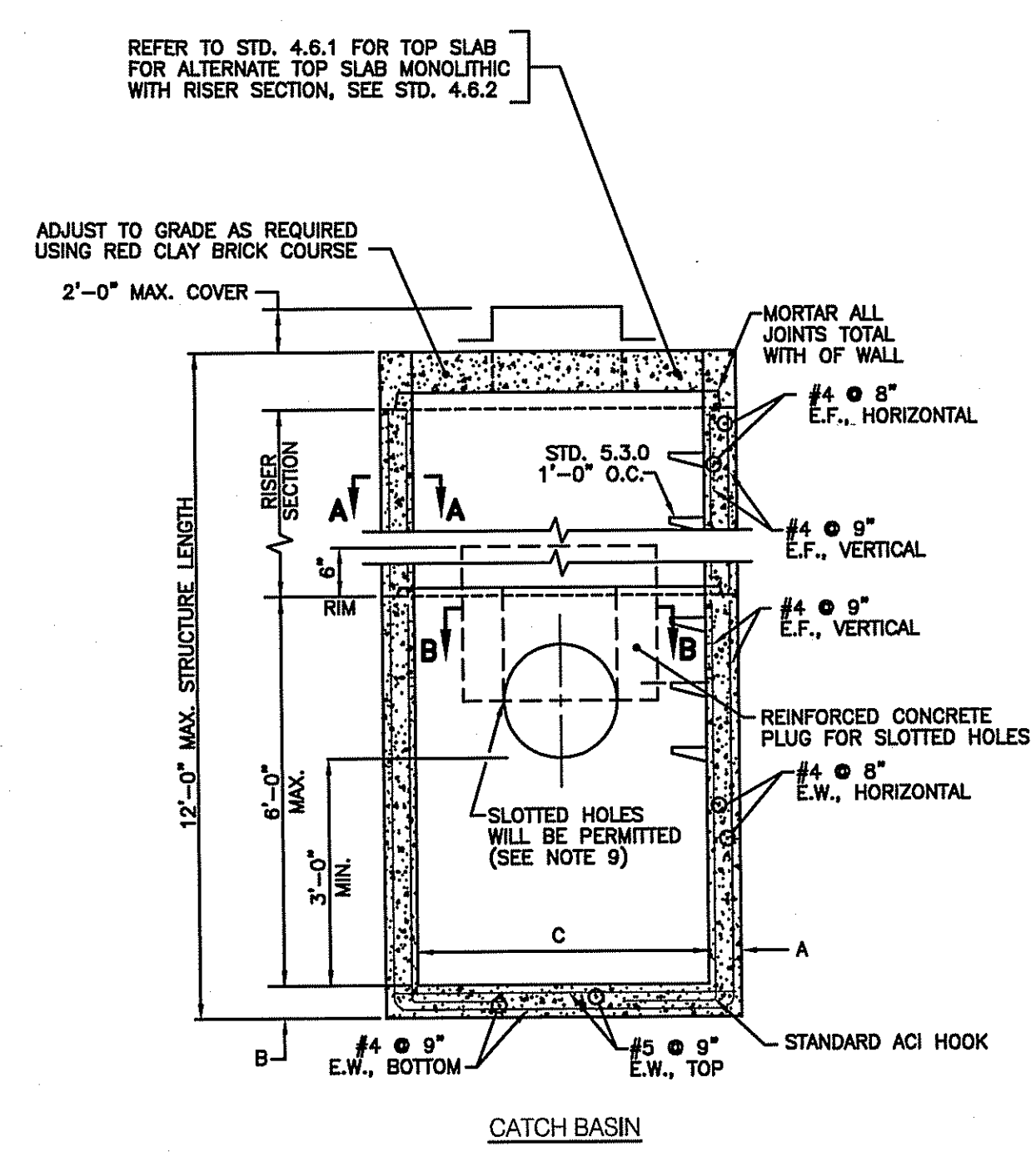
NOTES:
1. FRAME AND COVER SHALL CONFORM TO SECTION M.04 OF THE R.I. STANDARD SPECIFICATIONS.
2. THIS CORNER LEFT FOR "LEFT" GRATE, DIAGONALLY OPPOSITE CORNER FOR "RIGHT" GRATE TO FIT IN KEYED FRAME.

R.I. STD. 6.3.4
HIGH CAPACITY FRAME AND GRATE (BICYCLE SAFE)
NOT TO SCALE

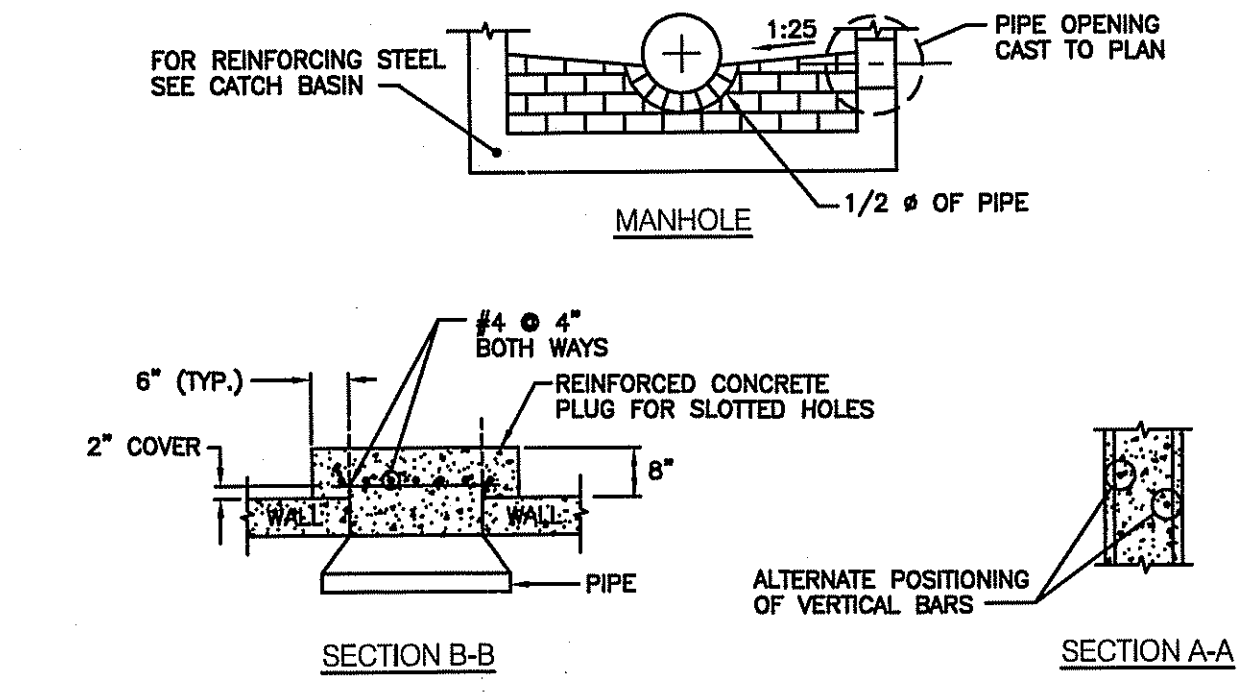


NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
2. MINIMUM REQUIRED CONCRETE REINFORCEMENT = 0.12 SQ. IN./LIN. FT. (EACH WAY).
3. MINIMUM COVER ON REINFORCEMENT SHALL BE 2".

R.I. STANDARD 4.5.1
PRECAST CONCRETE DROP INLET LATERAL OUTLET
NOT TO SCALE

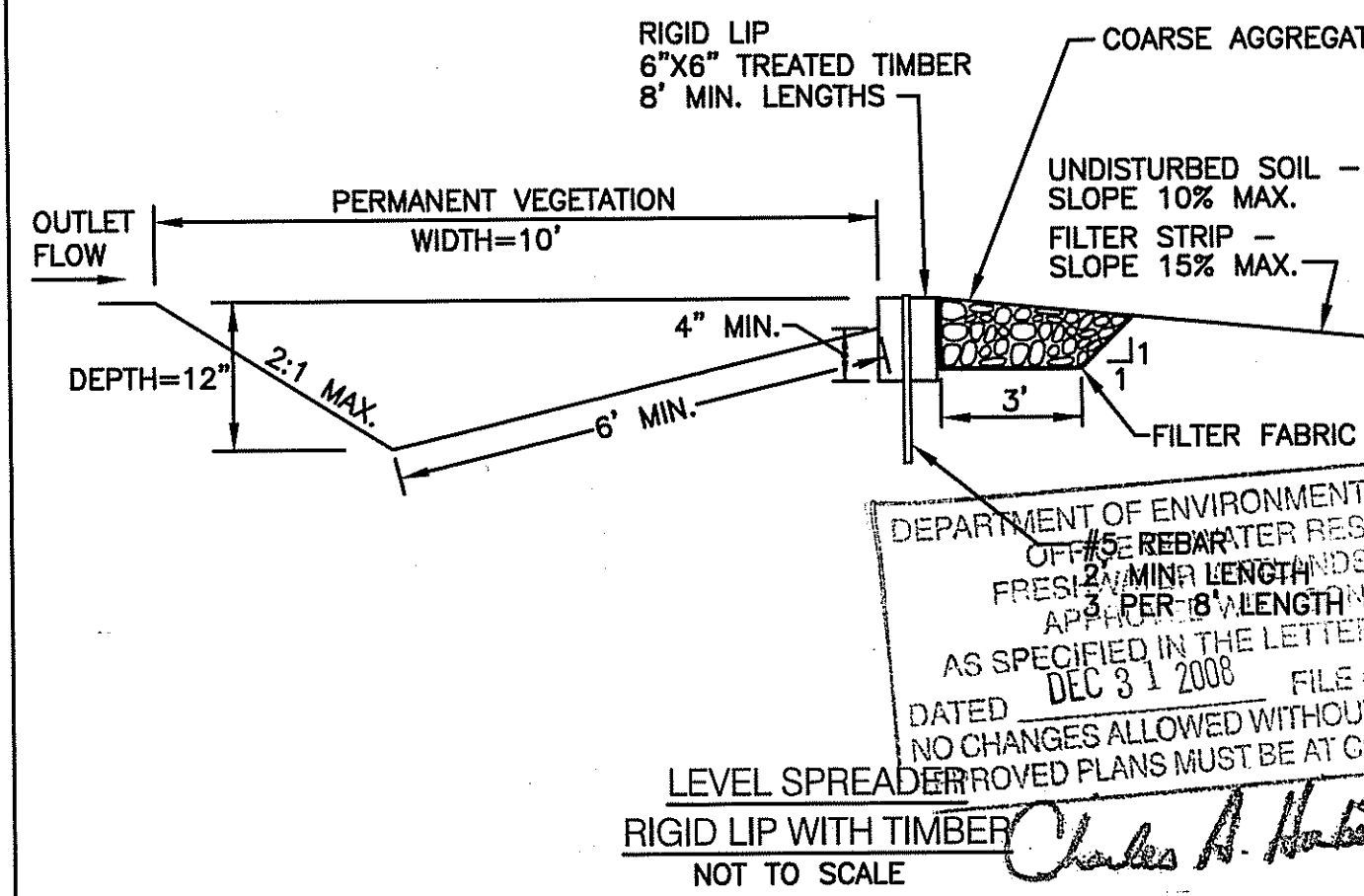


CATCH BASIN WIDTH (C)	A	B
4'-0"	8"	8"
6'-0"	9"	9"



- NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
2. ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS AND CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
3. THE CENTERLINE OF THE OPENING MUST BE WITHIN 2'-0" FROM THE STEPS.
4. TOP SLAB, RISER AND BASE SECTIONS HAVE BEEN REINFORCED TO MEET OR EXCEED H-25 OR HS-25 LOADINGS WITH EARTH PRESSURES INCLUDED. THIS IMPLIES THAT THE TOP SLAB, RISER AND BASE SECTIONS ARE DESIGNED FOR AXLE LOAD OF NO GREATER THAN 20 TONS.
5. THERE IS TO BE 2" MINIMUM COVER ON ALL REBAR.
6. ALL REBARS ARE TO HAVE MINIMUM 2" CLEARANCE FROM OPENING.
7. STEPS SHALL CONFORM TO STD. 5.3.0 AND SHALL BE INSTALLED AT THE CASTING PLANT.
8. THE SPLICE LENGTHS ON TIES ARE TO BE A MINIMUM OF 17".
9. WHERE THE CLEARANCE FROM THE TOP OF THE PIPE TO THE RIM IS "B" OR LESS, PLUGS SHALL BE USED IN CONJUNCTION WITH SLOTTED HOLES. NO SLOTTED HOLE WILL BE PERMITTED WHERE THE CLEARANCE IS GREATER THAN 8". IN CASES WHERE SLOTTED HOLES ARE NOT USED AND THE WALL OPENING COMES WITHIN 1'-3" OF THE RIM, AN ADDITIONAL #8 BAR SHALL BE USED ABOVE THE OPENING THE WIDTH "C" OF THE WALL.

R.I. STD., 4.3.0
PRECAST 4'-0" OR 6'-0" SQUARE MANHOLE OR CATCH BASIN
NOT TO SCALE



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF REBAR TENDER RESOURCES
FRESH MINA LENGTH OF LIP
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 31 2008 FILE # 08-035
NO CHANGES ALLOWED WITHOUT HIGH AP
APPROVED PLANS MUST BE AT CONSTRUCTION
LEVEL SPREADER
NOT TO SCALE

CROSSMAN ENGINEERING, INC.
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: cel@crossmaneng.com

HIGHLAND CORPORATE PARKS
STEVEN M. CABRAL
No. 4847
REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:
CVS CUSTOMER SUPPORT CENTER
PLAT MAP 52, LOT 360 AND PORTION OF PLAT MAP 51, LOT 11
ZONING DISTRICT I-1
HIGHLAND CORPORATE DRIVE
CUMBERLAND, R.I.

PREPARED FOR:
THE ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

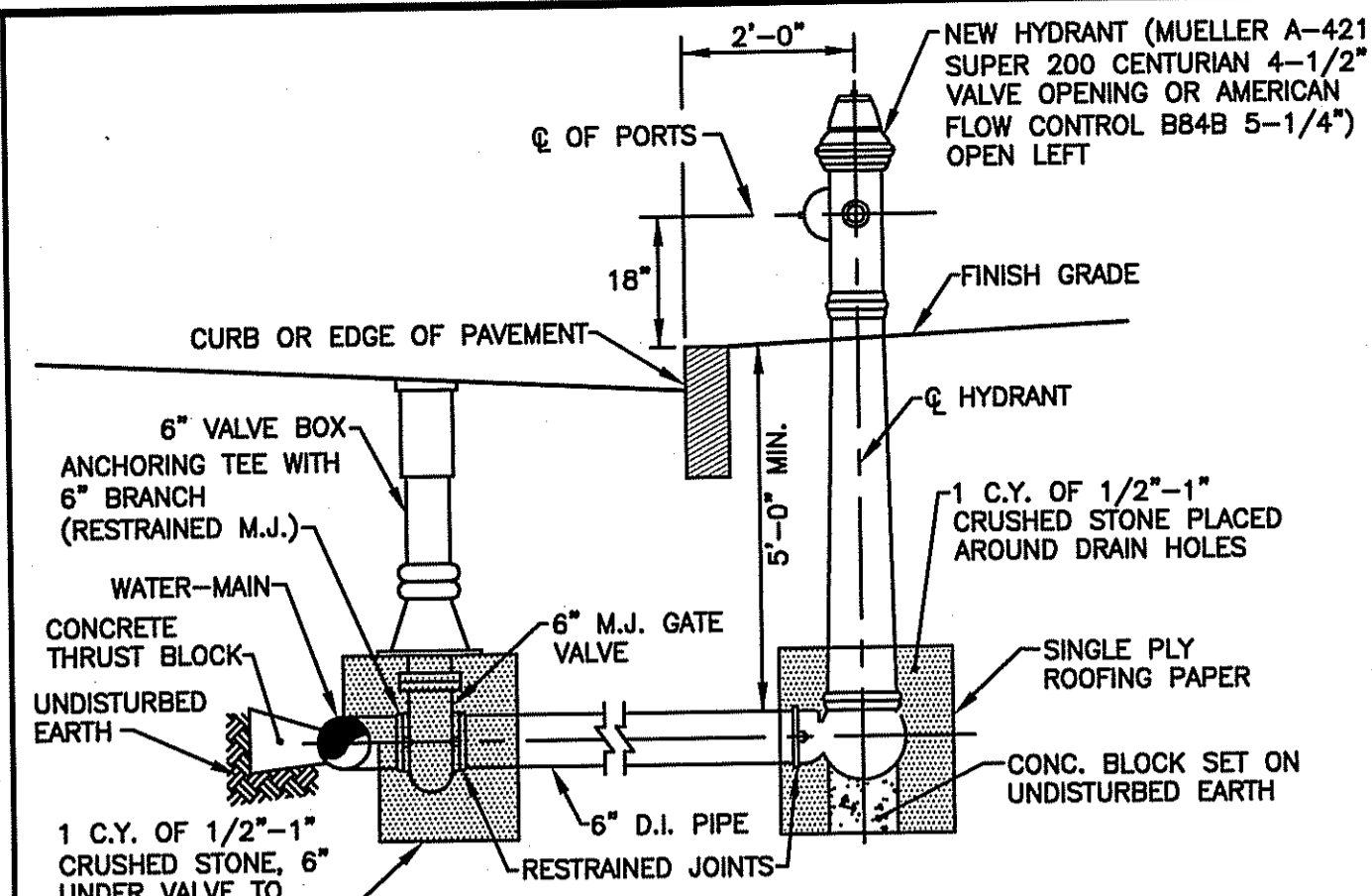
DRAWING TITLE:
MISCELLANEOUS DETAILS
PLAN - 3
DATE: OCTOBER 2008 SCALE: AS NOTED
DWG. NAME: 1540-C10.3-DET3-REV2.dwg

NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

DRAWING NUMBER
C10.3
SHEET: 13 OF 27
RIDEM WETLAND SUBMISSION

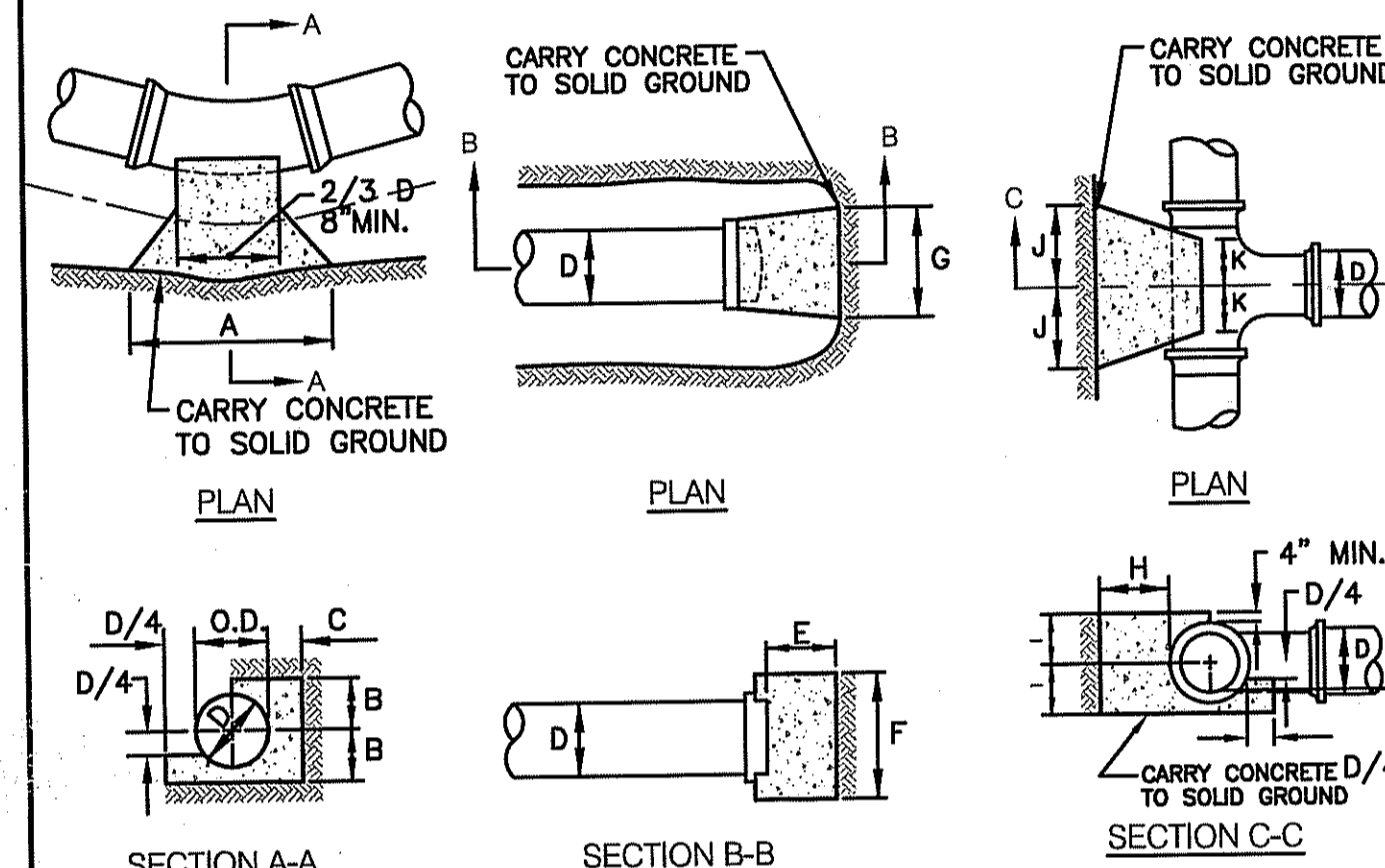
WATER NOTES:

1. ALL INSTALLATION, JOINTS, CONSTRUCTION METHODS AND MATERIALS SHALL BE ACCORDING TO THE CUMBERLAND WATER DEPARTMENT REQUIREMENTS, AWWA STANDARDS AND GOVERNMENTAL REQUIREMENTS.
2. ALL FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT CLASS 350 CEMENT MORTAR LINED COMPACT STYLE (BY AMERICAN MANUFACTURER ONLY). CONTRACTOR HAS OPTION TO USE PVC C900 PIPE AND FITTINGS IN LIEU OF DUCTILE IRON. FITTINGS SHALL MEET THE REQUIREMENTS OF ANSI/AWWA C153/A21.53. MECHANICAL JOINTS SHALL MEET THE REQUIREMENTS OF ANSI/AWWA C111/A21.11.
3. WATER PIPE SHALL BE DOUBLE CEMENT MORTAR LINED DUCTILE IRON PIPE CL52 OR PVC C900 PIPE AND SHALL MEET THE REQUIREMENTS OF ANSI/AWWA C151/A21.51.
4. CONSTRUCTION SHALL INCLUDE ALL PIPE, JOINTS, BENDS, TEES, FITTINGS, "MEGA-LUG" RESTRAINED MECHANICAL JOINTS, SERVICE CONNECTIONS AND ALL MISCELLANEOUS ITEMS REQUIRED TO CONSTRUCT THE PROPOSED SYSTEM.
5. "MEGA-LUG" RESTRAINED MECHANICAL JOINTS SHALL BE INSTALLED IN LOCATIONS INDICATED AND AT ALL BENDS, FITTINGS, PLUGS, ETC.
6. PRESSURE AND LEAKAGE TESTS AND DISINFECTING PIPES SHALL BE PERFORMED BY THE CONTRACTOR IN CONFORMANCE TO AMERICAN WATER WORKS ASSOCIATION (AWWA) RECOMMENDATIONS, CUMBERLAND WATER DEPARTMENT REQUIREMENTS, AND GOVERNMENTAL AGENCIES HAVING JURISDICTION.
7. ALL FITTINGS, PIPE, JOINTS, ETC. SHALL BE DESIGNED FOR 1.5 TIMES WORKING PRESSURE BUT NOT LESS THAN 150 PSI.
8. WATER PIPE SHALL TYPICALLY BE LOCATED AT LEAST TEN (10) FEET HORIZONTALLY FROM SEWER PIPE, AND AT A MINIMUM DEPTH OF COVER EQUAL TO 5'. WHERE A NEW WATER MAIN IS LESS THAN 18 INCHES CLEAR DISTANCE ABOVE A SEWER OR WHERE A WATER MAIN PASSES BENEATH A SEWER OR STORM DRAIN, ENCASE THE SEWER OR WATER IN 6" OF CONCRETE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE CROSSING WATER MAIN. THE USE OF DUCTILE IRON TIGHT JOINT SEWER PIPE IN LIEU OF CONCRETE ENCASEMENT WILL BE CONSIDERED UPON CONTRACTORS SUBMITTAL OF SPECIFICATIONS TO ENGINEERS FOR APPROVAL.
9. ALL SYSTEM COMPONENTS AND CONSTRUCTION METHODS, SUCH AS PIPE, RESTRAINED MECHANICAL JOINTS, FITTINGS, CASTINGS, ETC. SHALL BE SUBMITTED TO THE CUMBERLAND WATER DEPARTMENT AND ENGINEER FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION. THIS SUBMISSION SHALL INCLUDE MANUFACTURER'S LITERATURE, SHOP DRAWINGS, PROPOSED CONSTRUCTION METHODS, ETC.
 - TYPE AND MANUFACTURER OF SERVICE BOXES
 - TYPE AND MANUFACTURER OF CORPORATIONS AND CURB STOPS
 - TYPE AND MANUFACTURER OF VALVE BOXES
 - TYPE AND MANUFACTURER OF D.I. MECHANICAL JOINTS AND FITTINGS
 - TYPE AND MANUFACTURER OF TAPPING SLEEVES
 - TYPE AND MANUFACTURER OF DI PIPING
 - TYPE AND MANUFACTURER OF RESILIENT SEALED GATE VALVES
 - TYPE AND MANUFACTURER OF POLYETHYLENE SERVICE LINE
10. WATER LINE TRENCH TO BE AWWA TYPE 5. A METALIZED DETECTABLE IDENTIFICATION TAPE 2" IN WIDTH, BLUE IN COLOR AND PRINTED WITH "CAUTION WATERLINE BURIED BELOW" SHALL BE UTILIZED OVER ALL MAINS. TAPE SHALL BE SET AT APPROXIMATELY 1'-0" BELOW FINISHED GRADE.
11. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL COMPLETE AND SUBMIT THE "CONTRACTOR'S MATERIAL AND TEST CERTIFICATE" FOR UNDERGROUND PIPING TO THE CUMBERLAND WATER DEPARTMENT AND ENGINEER. IN ADDITION, THE CONTRACTOR IS REQUIRED TO SUBMIT THE FOLLOWING ITEMS TO THE ENGINEER FOR THEIR REVIEW AND APPROVAL:
 1. ITEM QUANTITY
 2. MANUFACTURER
 3. DESCRIPTION
 - a. INCLUDE SERIAL #'S AS APPLICABLE
 - b. MATERIAL
 - c. OPERATION CHARACTERISTICS
12. WHEN THIS PROJECT IS COMPLETE, THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE WATER DEPARTMENT AND ENGINEER TWO SETS OF AS BUILT PLANS (ONE BLUE LINE, ONE REPRODUCIBLE COPY-MYLAR OR SEPIA) WHICH INDICATES:
 - a. ALL CURB STOPS WITH APPROPRIATE LOCATING MEASUREMENTS - MAIN-TO-CURB AND MEASUREMENTS FROM PERMANENT STRUCTURES.
 - b. A SCHEDULE OF MATERIALS WHICH INDICATES: AND MEASUREMENTS FROM PERMANENT STRUCTURES.
 1. ITEM QUANTITY
 2. MANUFACTURER
 3. DESCRIPTION
 - a. INCLUDE SERIAL #'S AS APPLICABLE
 - b. MATERIAL
 - c. OPERATION CHARACTERISTICS
13. THE CONTRACTOR SHALL VERIFY THE FIRE SERVICE PIPE SIZE REQUIREMENT WITH THE BUILDING ARCHITECT AND PLUMBING/FIRE SPRINKLER CONTRACTOR PRIOR TO ORDERING PIPE, METERS AND BACKFLOW PREVENTORS. COORDINATION WITH THE CUMBERLAND WATER DEPARTMENT IS REQUIRED TO DETERMINE THE EXISTING WATER PRESSURE AVAILABLE.
14. ALL VALVES TO BE RESILIENT WEDGE GATE VALVES.
15. ALL FITTINGS TO BE RESTRAINED WITH MECHANICAL JOINTS. RESTRAINTS TO BE MEGA-LUG OR EQUAL. ALL DESIGN AND/OR PLACEMENT SHALL BE REVIEWED AND APPROVED BY THE CUMBERLAND WATER DEPARTMENT.
16. RESTRAIN ALL PUSH-ON BELL JOINTS WITHIN 20 FEET OF MECHANICAL JOINTS. RESTRAINTS TO BE SERIES 800 COVER-ALL BY EBAA IRON OR EQUAL.



- NOTES:**
1. INSTALLATION SHALL NOT OBSTRUCT SIDEWALK TO PEDESTRIAN OR PHYSICALLY IMPAIRED.
 2. MECHANICAL JOINT PIPE W/ RESTRAINED JOINTS FOR BRANCHES OVER ONE LENGTH OF PIPE.
 3. PRIOR TO ORDERING, HYDRANT MUST BE APPROVED BY TOWN WATER DEPT. AND FIRE DISTRICT.

TYPICAL HYDRANT INSTALLATION
NOT TO SCALE

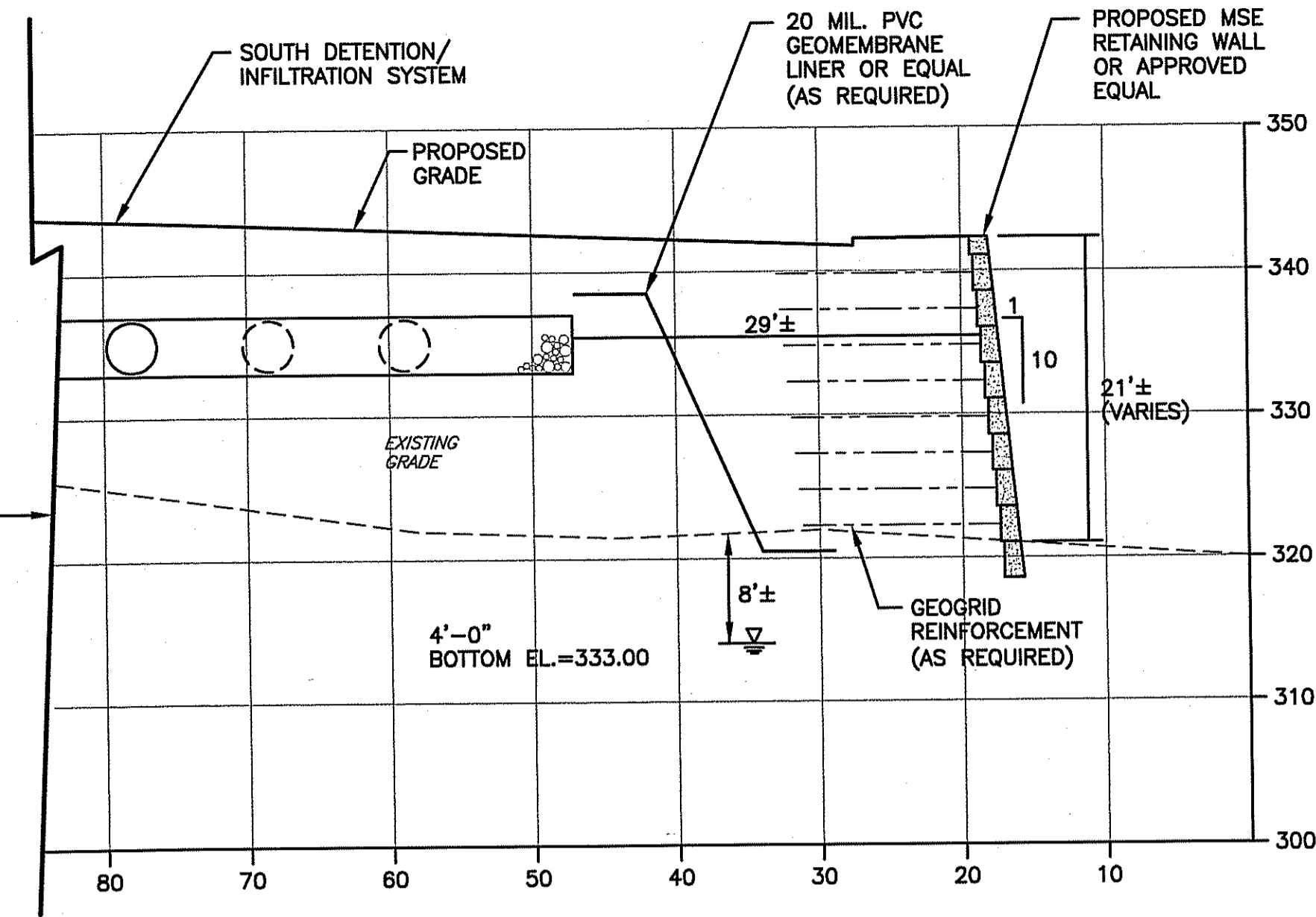


HORIZONTAL BENDS		ENC CAP		TEE	
BEND	6"	D	6"	SIZE OF BRANCH	
11 1/4"	A 2'-0"	E	1'-6"	D	6"
22 1/2"	B 10"	F	2'-5"	H	1'-6"
and 45"	C 1'-6"	G	2'-5"	I	1'-3"
				J	1'-3"
				K	6"
90"	A 2'-6"				
	B 1'-3"				
	C 1'-6"				

CONCRETE THRUST BLOCKS
FOR CAPS, TEES AND HORIZONTAL BENDS
NOT TO SCALE

THRUST BLOCK NOTES:

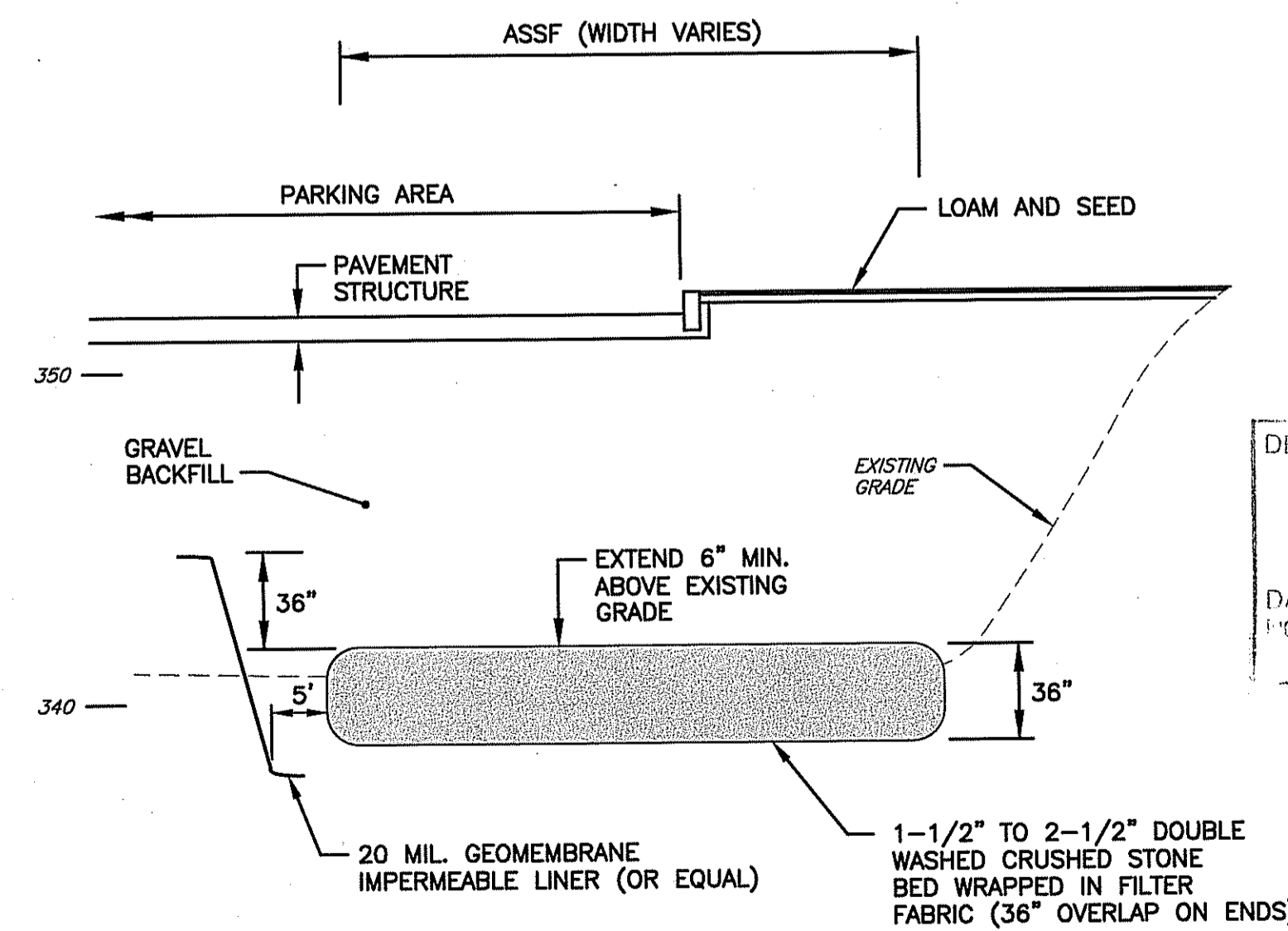
1. ALL CONCRETE TO BE CLASS B.
2. BUTTRESS DIMENSIONS SHOWN ARE MINIMUM. DIMENSIONS ARE BASED UPON SOIL BEARING PRESSURE OF 1500 P.S.F. LATERAL AND STATIC WATER PRESSURE OF 150 P.S.I. WHERE PRESSURE EXCEEDS 150 P.S.I. OR WHERE SOIL BEARING PRESSURE IS LESS THAN 1500 P.S.F. LATERAL OR SOIL CONDITIONS OR EXCAVATION LIMITS ENCOUNTERED DURING CONSTRUCTION MAKE IT UNFEASIBLE TO PLACE THRUST BLOCKS AGAINST UNDISTURBED EARTH OF THE PROPER BEARING CAPACITY. THE CONTRACTOR SHALL DESIGN, GET APPROVAL OF, AND PLACE SPECIAL REACTION BLOCKS OF SUFFICIENT WEIGHT TO RESIST THE FULL THRUST OF THE LINE UNDER TEST AND OPERATING PRESSURES. THE DESIGN OF SUCH BLOCKS SHALL BE SUBJECT TO THE APPROVAL OF THE QUONSET/DAVISVILLE DEVELOPMENT AND THE ENGINEERS AND SHALL BE SUBMITTED TO THE FIRE DISTRICT BEFORE ACTUAL INSTALLATION TAKES PLACE.
3. ALL THRUST BLOCKS SHALL BE CONCRETE 3,000 P.S.I. @ 28 DAYS AND BEARING AGAINST UNDISTURBED EARTH.



RETAINING WALL - SOUTH DETENTION / INFILTRATION SYSTEM CROSS SECTION
SCALE: 1"=10'

NOTES:

1. THE PROPOSED MSE WALL MAY BE SUBSTITUTED WITH ALTERNATE TYPE WALL. ALL RETAINING WALL TYPES SHALL BE REVIEWED AND APPROVED BY OWNER.
2. MSE RETAINING WALLS SHALL BE DESIGNED AND CERTIFIED BY A R.I. PROFESSIONAL ENGINEER (STRUCTURAL) PRIOR TO INSTALLATION. ENGINEER SHALL VERIFY GEOGRID REINFORCING REQUIREMENTS AND PVC GEOMEMBRANE LINER REQUIREMENTS.
3. FOR ALL RETAINING WALLS INSTALLED; THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION METHODS, STRUCTURAL REQUIREMENTS AND DETAILS ASSOCIATED WITH ALL PROPOSED ON-SITE RETAINING WALLS.
4. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT DESIGN AND INSTALLATION METHODS CONSIDER POTENTIAL GROUNDWATER AND DETENTION/INFILTRATION SYSTEM OUTFLOW EFFECTS ON THE PROPOSED RETAINING WALL. MSE TYPE OR CONCRETE TYPE RETAINING WALLS SHALL INCORPORATE A 20 MIL. GEOMEMBRANE LINER (OR EQUAL) BETWEEN THE DETENTION/INFILTRATION SYSTEM AND WALLS. LINER SHALL EXTEND VERTICALLY FROM THE TOP OF THE SYSTEM ELEVATION TO THE BOTTOM OF WALL FOOTING ELEVATION. WALL BLOCKS OR FOOTINGS BELOW THE EXISTING LEDGE ELEVATION OR MORE THAN FOUR FEET (4') BELOW GRADE SHALL INCLUDE PROVISIONS FOR POTENTIAL GROUNDWATER EFFECTS.



Z-SERIES ASSF DETAIL (SECTION A-A)
NOT TO SCALE

NOTE: REFER TO GRADING AND DRAINAGE PLAN FOR WIDTH OF CRUSHED STONE BED

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 31 2008. FILE # 08-0351
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Habert

CROSSMAN ENGINEERING, INC.
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: cei@crossmaneng.com

- Civil
- Transportation
- Environmental
- Site Planning
- Land Surveying

HIGHLAND CORPORATE PARKS
STEVEN M. CABRAL
No. 4847
PROFESSIONAL ENGINEER

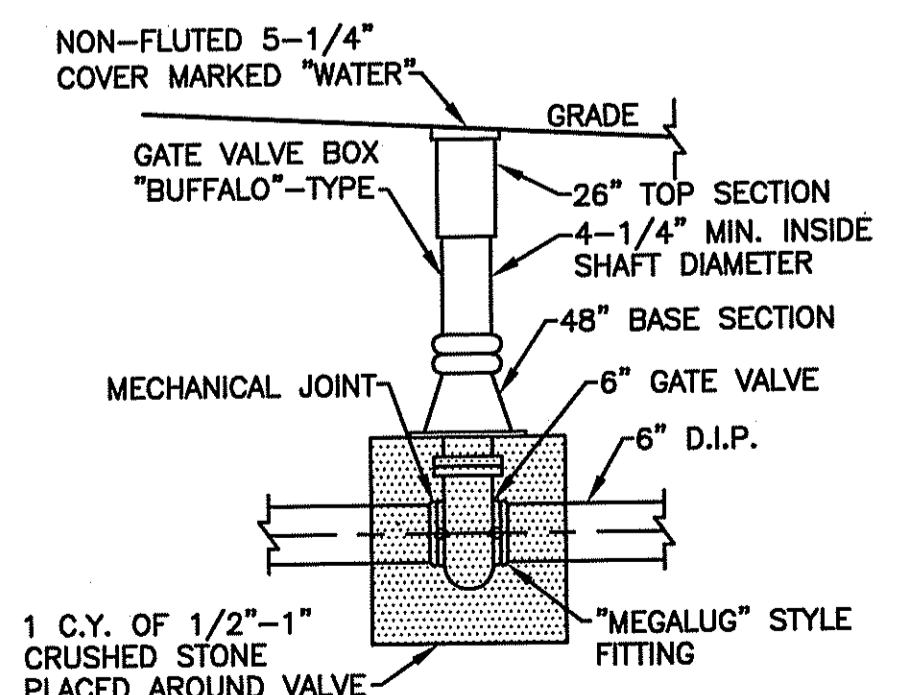
PROJECT TITLE:
CVS CUSTOMER SUPPORT CENTER
PLAT MAP 52, LOT 360 AND PORTION OF PLAT MAP 51, LOT 11 ZONING DISTRICT I-1
HIGHLAND CORPORATE DRIVE CUMBERLAND, R.I.

PREPARED FOR:
THE ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
1300 HIGHLAND CORPORATE DRIVE SUITE 202 CUMBERLAND, RHODE ISLAND 02864

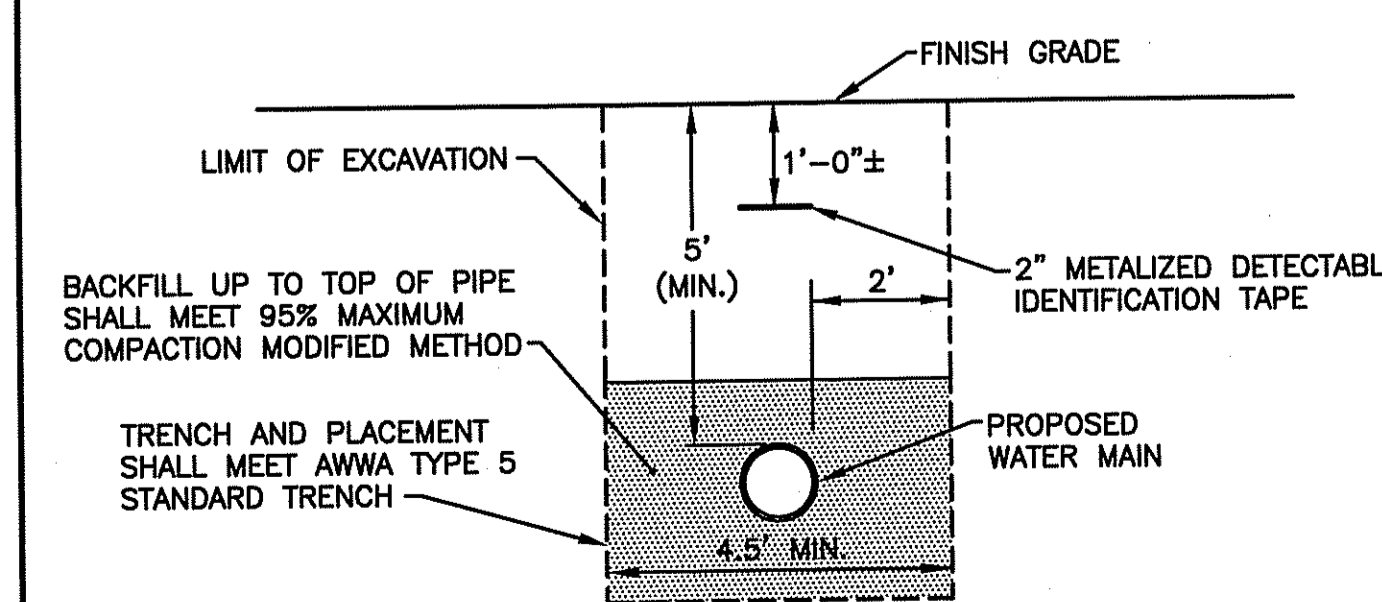
DRAWING TITLE:
MISCELLANEOUS DETAILS PLAN - 5
DATE: OCTOBER 2008 SCALE: AS NOTED
DWG. NAME: 1540-C10.5-DET5-REV2.dwg

NO.	DATE	REVISION
1	11/03/08	RIDEM WETLANDS
2	12/10/08	RIDEM COMMENTS

DRAWING NUMBER
C10.5
SHEET: 15 OF 27
RIDEM WETLAND SUBMISSION



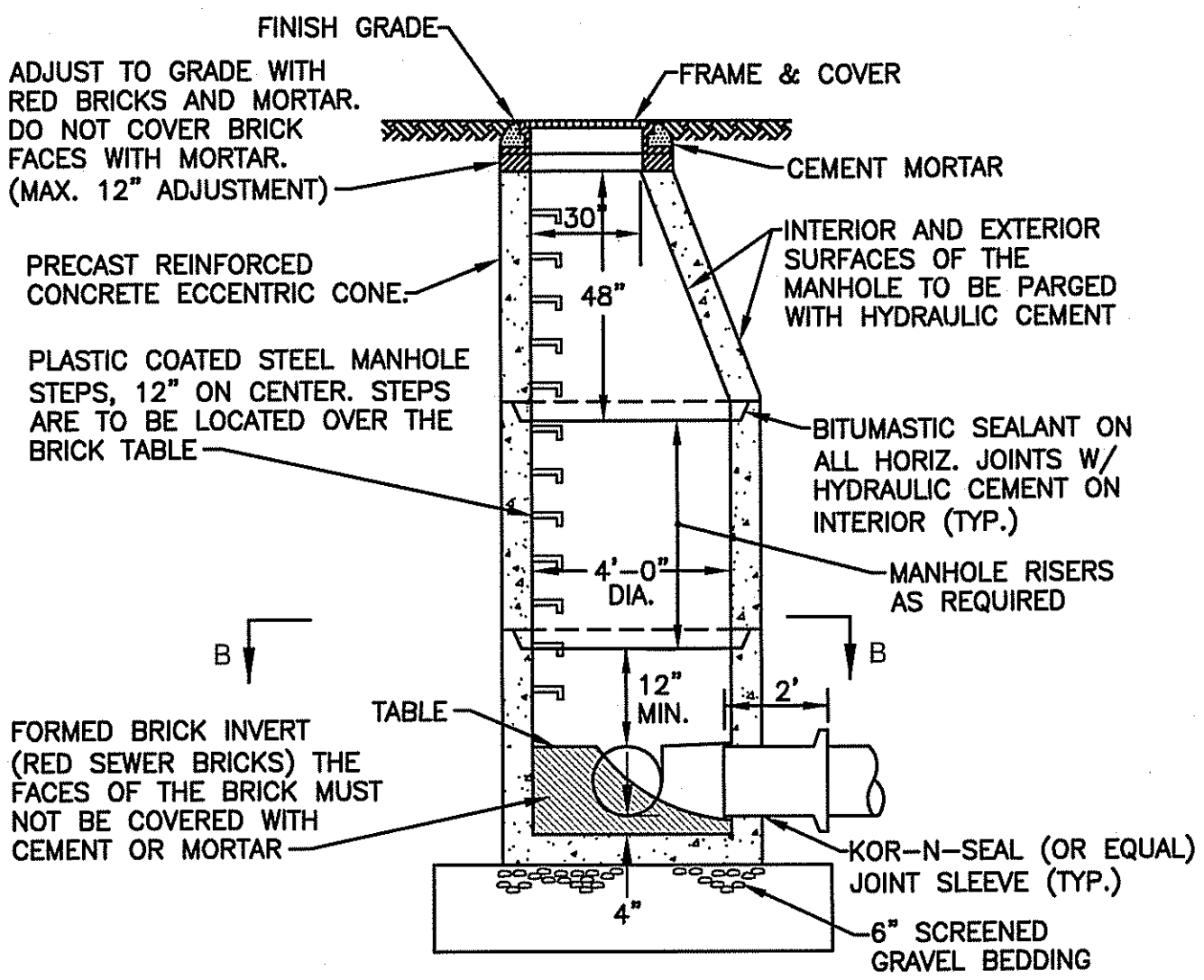
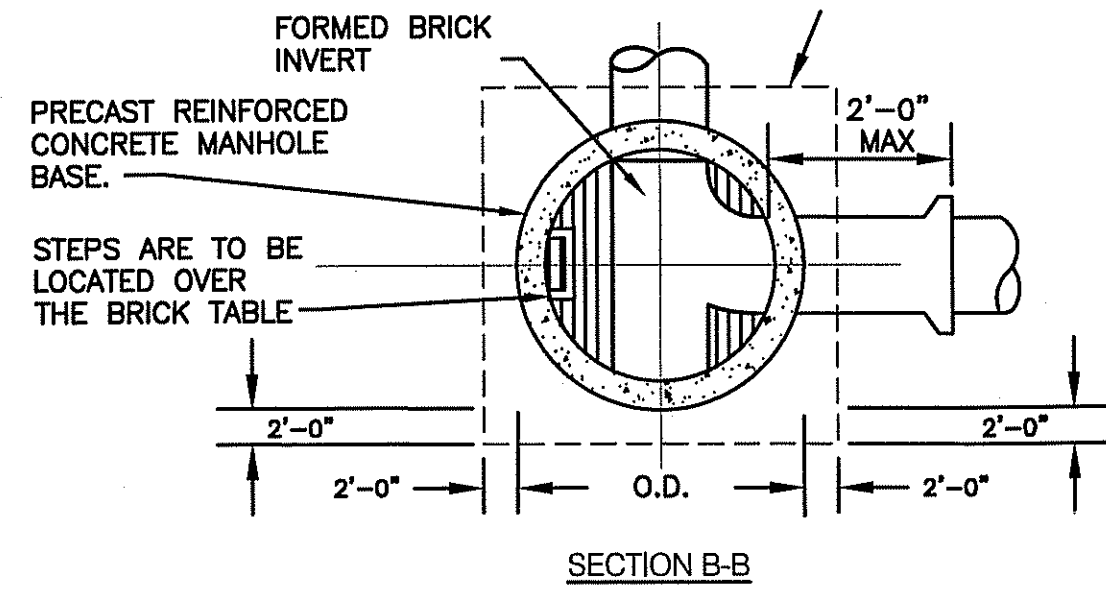
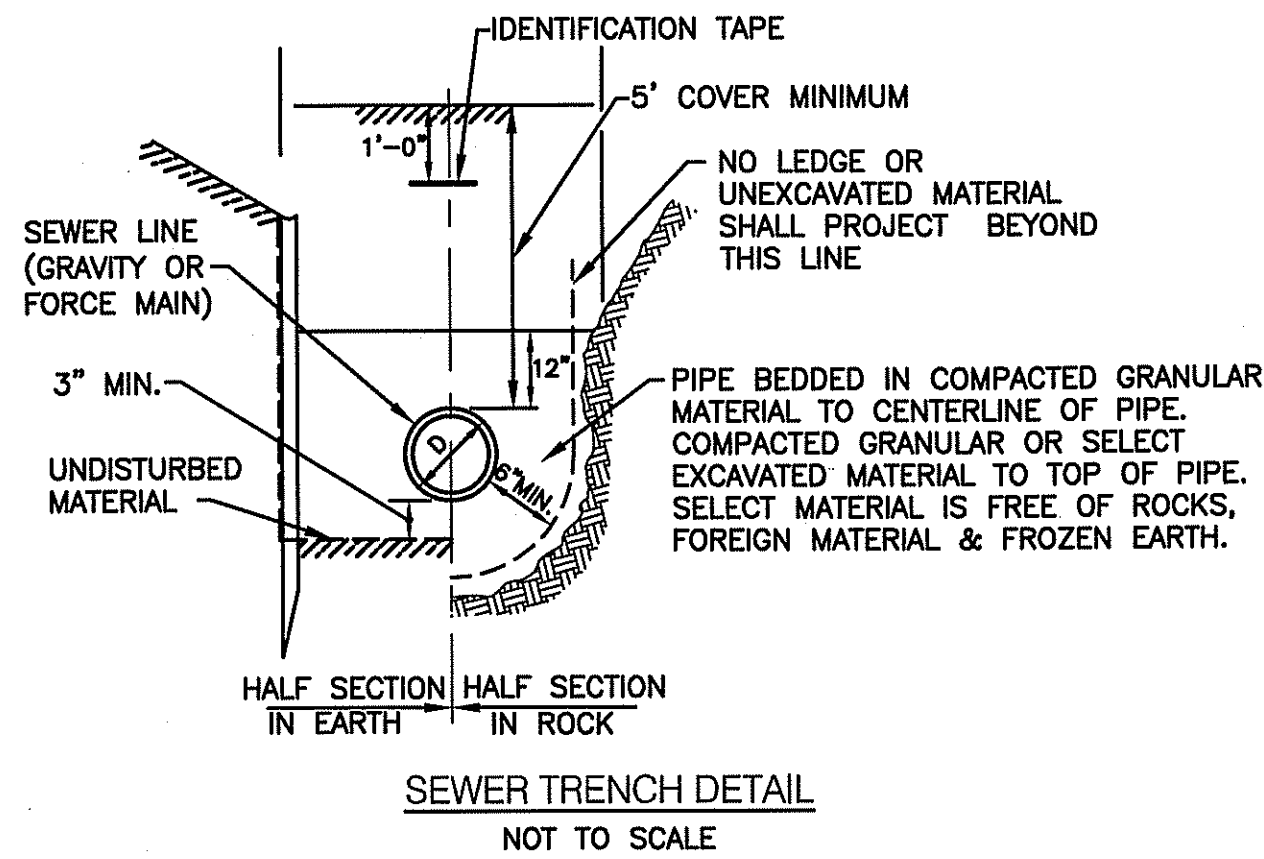
TYPICAL WATER GATE BOX INSTALLATION
NOT TO SCALE



TYPICAL WATER LINE TRENCH DETAIL
NOT TO SCALE

GENERAL SEWER NOTES

- INSTALLATION OF THE SEWERAGE FACILITIES SHALL BE IN ACCORDANCE WITH THE CUMBERLAND PUBLIC WORKS SPECIFICATIONS & REQUIREMENTS.
- PRIOR TO RECEIVING AUTHORIZATION TO CONSTRUCT, ALL MATERIALS SHALL MEET THE STANDARDS AND RECEIVE THE WRITTEN APPROVAL, BASED ON MANUFACTURER'S DRAWINGS AND OTHER DATA, FROM THE ENGINEER.
- ALL SEWERAGE FACILITIES SHALL MEET TESTING AND CLEANING REQUIREMENTS PRIOR TO ACCEPTANCE.
- AS-BUILT DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR AS A CONDITION FOR OWNER ACCEPTANCE OF THE NEW SEWERAGE FACILITIES.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND MATERIALS, STANDARDS AND SPECIAL DETAILS, AND STANDARD SPECIFICATIONS. ANY WORK NOT MEETING THE APPROVED STANDARDS SHALL BE IMMEDIATELY REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS AND ACTIVITIES FOR CONSTRUCTION WITHIN THE LIMITS OF WORK AS SHOWN ON THE DRAWINGS.
- ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO EXTRA COST TO THE OWNER. ALL GRASSED AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE LOAMED AND SEEDDED.
- LOCATION AND DEPTHS OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND NOTIFY THE APPROPRIATE UTILITY AUTHORITIES INCLUDING "DIG-SAFE" PRIOR TO STARTING WORK. ANY DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE COST OF REPAIRS SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- RELATION TO WATER LINES:
 - HORIZONTAL SEPARATION: WHENEVER POSSIBLE, SEWERS SHOULD BE LAID AT A MINIMUM OF 10 FEET (3.0 m), HORIZONTALLY, FROM ANY EXISTING OR PROPOSED WATER LINE. SHOULD LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET, A SEWER MAY BE LAID CLOSER THAN 10 FEET TO A WATER LINE IF:
 - IT IS LAID IN A SEPARATE TRENCH, OR IF
 - IT IS LAID IN THE SAME TRENCH WITH THE WATER LINE LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH, AND IF
 - IN EITHER CASE THE ELEVATION OF THE TOP (CROWN) OF THE SEWER IS AT LEAST 18 INCHES (46 cm) BELOW THE BOTTOM (INVERT) OF THE WATERLINE.
 - VERTICAL SEPARATION: WHENEVER SEWER MUST CROSS UNDER WATER LINES, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE TOP OF THE SEWER IS AT LEAST 18 INCHES (46 cm) BELOW THE BOTTOM OF THE WATER LINE. WHEN THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THE ABOVE REQUIREMENTS, THE WATER LINE SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR RECONSTRUCTED WITH MECHANICAL-JOINT PIPE FOR A DISTANCE OF 10 FEET (3.0 m) ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER LINE SHOULD BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE.
 - WHEN IT IS IMPOSSIBLE TO OBTAIN HORIZONTAL AND/OR VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATER LINE AND SEWER SHALL BE CONSTRUCTED OF MECHANICAL-JOINT CEMENT LINED DUCTILE IRON PIPE OR OTHER EQUIVALENT BASED ON WATER TIGHTNESS AND STRUCTURAL SOUNDNESS. BOTH PIPES SHALL BE PRESSURE TESTED BY AN APPROVED METHOD TO ASSURE WATER TIGHTNESS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEWATERING REQUIRED IN THE SEWER INSTALLATION.
- THE PROPOSED GRAVITY SANITARY SEWER PIPES SHALL BE 6" SDR-35, AS SHOWN ON PLANS.
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE ELEVATIONS OF EXISTING SEWER LINES PRIOR TO INSTALLATION.

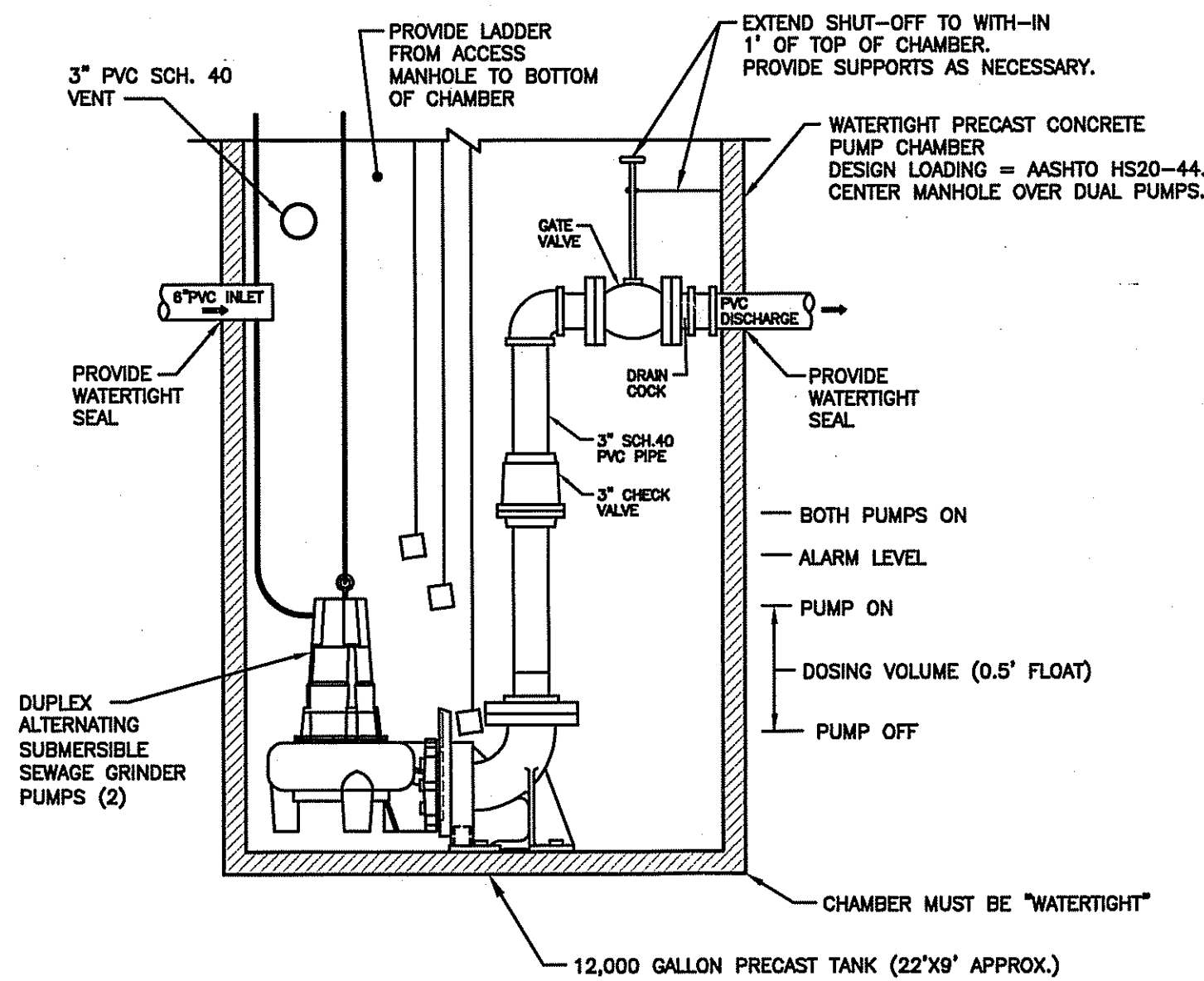


- NOTES:**
- SHALL BE IN ACCORDANCE WITH SECTION 702 OF THE R.I. STANDARD SPECIFICATIONS.
 - CIRCUMFERENTIAL STEEL REINFORCEMENT REQUIRED = 0.12 SQ. IN./L.F. MINIMUM.
 - STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQ. IN. / L.F. (BOTH WAYS).
 - ONE POUR MONOLITHIC BASE SECTION.
 - ANY NECESSARY ADJUSTMENTS DURING CONSTRUCTION WILL BE DONE BY SAW-CUTTING AND/OR CORING ONLY. NO JACKHAMMERS, HAMMERS AND CHISELS OR PNEUMATIC TOOLS WILL BE ALLOWED.
 - STEPS SHALL CONFORM TO STD. 5.3.0 AND SHALL BE INSTALLED AT THE CASTING PLANT.
 - ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H-25 LOADING (SEE STD. 4.7.2).
 - ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
 - REFER TO STD. 5.2.0 FOR MAXIMUM PIPE SIZES.
 - ALL JOINTS AND PINHOLES TO BE PLUGGED INSIDE AND OUTSIDE WITH HYDRAULIC CEMENT.

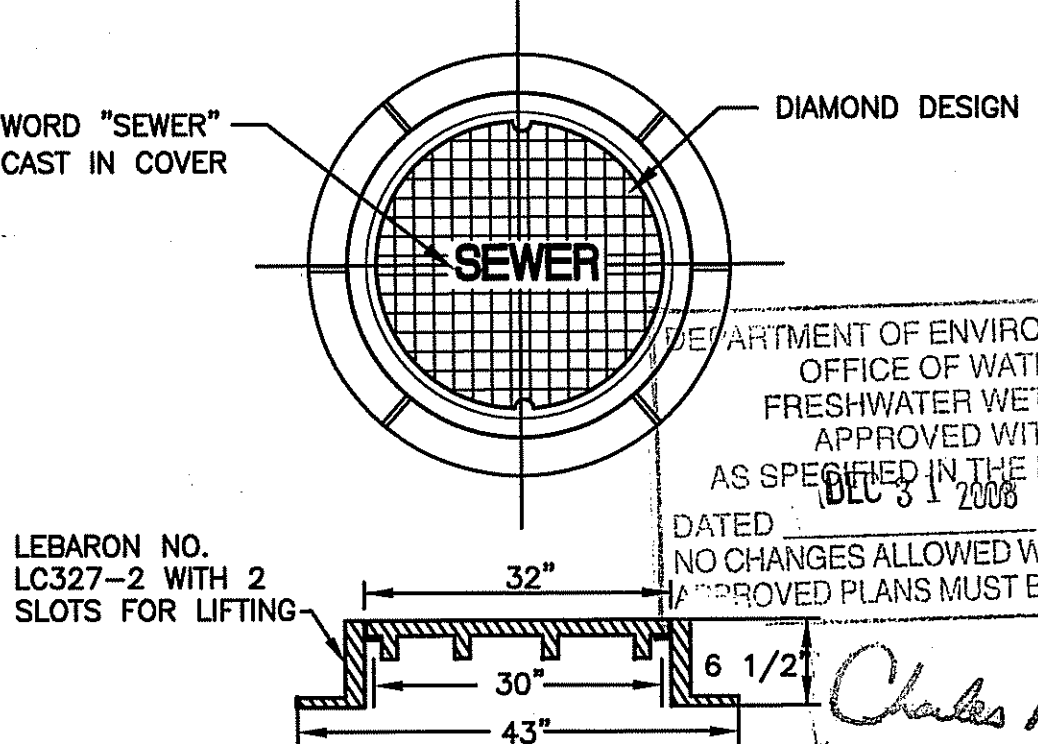
SANITARY MANHOLE DETAIL (SMH1)
NOT TO SCALE

PUMP SYSTEM NOTES:

- "PUMP STATION" PUMPS SHALL BE A GRINDER PUMP, DUPLEX ALTERNATING SUBMERSIBLE SEWAGE PUMP.
- ALL PLUMBING AND ELECTRICAL WORK AND MATERIALS SHALL CONFORM TO ALL STATE, FEDERAL AND LOCAL CODES.
- FORCE MAIN SHALL BE CL 160 PVC OR EQUAL AND SHALL BE ABLE TO PASS AWWA WATER TIGHT AND PRESSURE TESTING STANDARDS.
- INSTALLATION MUST MEET MANUFACTURER'S RECOMMENDATIONS.
- SYSTEM MUST BE CAPABLE OF PASSING 2" DIA. SOLIDS.
- A HIGH WATER LEVEL ALARM (VISIBLE AND AUDIBLE) POWERED BY CIRCUIT SEPARATE FROM THE PUMP POWER SHALL BE LOCATED IN A NORMALLY OCCUPIED AREA OF FACILITIES.
- THE PUMP CHAMBERS SHALL BE WATERTIGHT, AND ALL UNSUITABLE OR SOFT MATERIAL BELOW THE PUMP CHAMBER SHALL BE REMOVED AND REPLACED WITH GRAVEL BEDDING. A MINIMUM 12" LAYER OF GRAVEL SHALL BE SET LEVEL TO FORM A STABLE BASE. ANTI-FLOTATION/BUOYANCY CONCRETE COLLARS SHALL BE INCLUDED IN BID PRICE.
- ALTERNATE (BACKUP) POWER SUPPLY IS RECOMMENDED, SUBJECT TO OWNER'S DISCRETION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE ELECTRICAL WORK FOR THE PUMP SYSTEM INCLUDING THE CONTROLS AND WIRING WITHIN THE PUMP STATION.
- ALL ELECTRICAL EQUIPMENT AND WORK WITHIN THE PUMP STATION SHALL BE INSTALLED TO CONFORM TO THE CLASS 1, DIVISION 1 REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.
- ELECTRICAL WIRING SHALL BE INSTALLED FOR ALTERNATE POWER SOURCE BACK-UP.
- CONTRACTOR SHALL TEST PUMP IN THE PRESENCE OF THE DESIGN ENGINEER.
- ALL CONTROL FUNCTIONS, SUCH AS DISCONNECTING MEANS, STARTERS AND PUMP POWER, CONTROL, AND ALARM WIRING; AND PUMP ALTERNATION, LEVEL AND ALARM CONTROLS FUNCTIONS, ETC. MUST BE PROVIDED. THIS CONTROL PANEL SHALL BE MOUNTED IN THE BUILDING WITH AN ALARM LIGHT, ADJACENT AND EXTERNALLY TO THE PUMP STATION AND PANEL. THE LOCATION AND AESTHETICS OF THE CENTRAL PANEL AND MOUNTING IS SUBJECT TO OWNER APPROVAL.



SCHEMATIC PUMP STATION LAYOUT
NOT TO SCALE



- NOTES:**
- FRAME AND GRATE SHALL CONFORM TO SECTION M.04 OF THE R.I. STANDARD SPECIFICATIONS.
 - FRAME AND COVER SEATS MUST HAVE MACHINE FINISH.
 - THE WORD "SEWER" SHALL BE CAST IN THE COVER.
 - VENTILATION HOLES OF ANY SIZE ARE NOT ALLOWED.

SANITARY MANHOLE FRAME AND COVER DETAIL
NOT TO SCALE

CE - Civil
- Transportation
- Environmental
- Site Planning
- Land Surveying

CROSSMAN ENGINEERING, INC.
151 Centerville Road
Warwick, Rhode Island 02886
Phone: (401) 738-5660 - Fax: (401) 738-8157
Email: cei@crossmaneng.com

HIGHLAND CORPORATE PARKS

STEVEN M. CABRAL
No. 4847
REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:

CVS CUSTOMER SUPPORT CENTER
PLAT MAP 52, LOT 360 AND
PORTION OF PLAT MAP 51, LOT 11
ZONING DISTRICT I-1

HIGHLAND CORPORATE DRIVE
CUMBERLAND, R.I.

PREPARED FOR:

THE ECONOMIC DEVELOPMENT FOUNDATION OF R.I.
1300 HIGHLAND CORPORATE DRIVE
SUITE 202
CUMBERLAND, RHODE ISLAND 02864

DRAWING TITLE:

**MISCELLANEOUS DETAILS
PLAN - 6**

DATE: OCTOBER 2008 SCALE: AS NOTED

DWG. NAME: 1540-C10.6-DET6-REV2.dwg

NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED 8/1/2008 FILE # 08-0351
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Harter

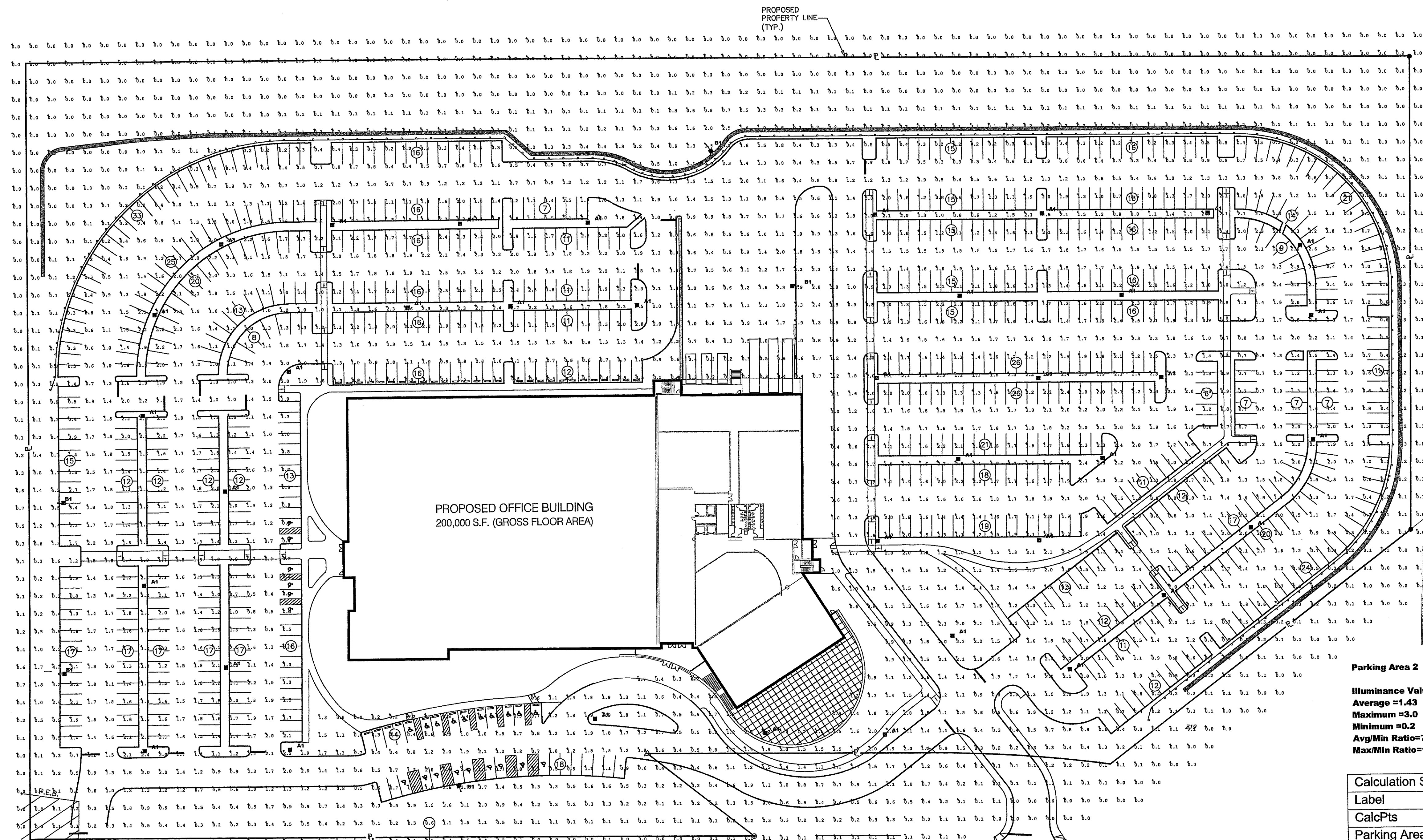
DRAWING NUMBER

C10.6

SHEET: 16 OF 27

RIDEM WETLAND SUBMISSION

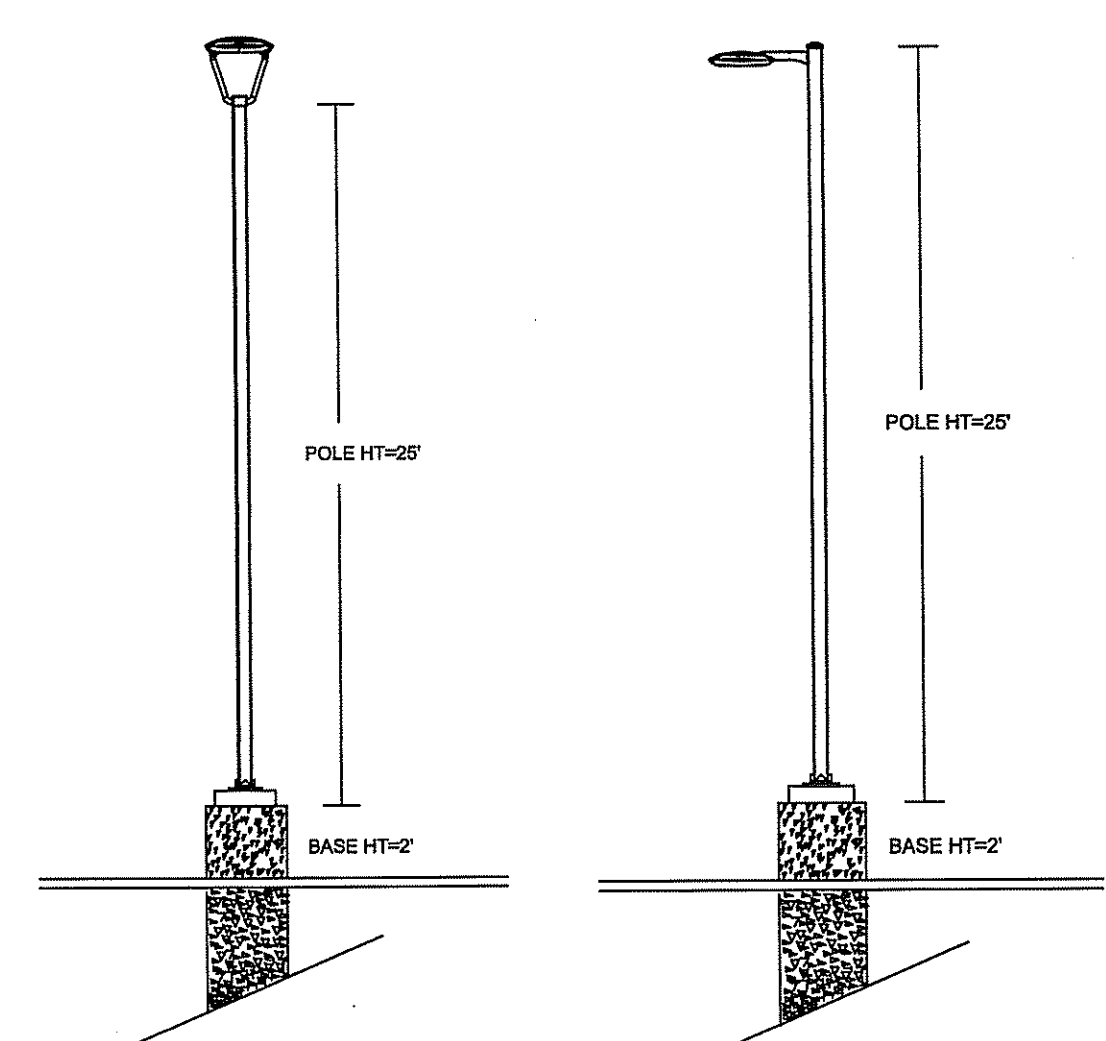
BETA LIGHTING



Parking Area 1
Illuminance Values (Fc)
 Average =1.44
 Maximum =3.4
 Minimum =0.2
 Avg/Min Ratio=7.20
 Max/Min Ratio=17.00

PROPOSED OFFICE BUILDING
 200,000 S.F. (GROSS FLOOR AREA)

ILLUMINANCE VALUE
 (FOOTCANDLES), TYPICAL



DEPARTMENT OF ENVIRONMENTAL AND CONSERVATION
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 SPECIFIED IN THE LETTER OF APPROVAL
 DEC 31 2008 FILE # 08-0351
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 ALL REVISED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. ...

STEVEN M. CABRAL
 No. 4847
 REGISTERED PROFESSIONAL ENGINEER
 Civil Design

Parking Area 2
Illuminance Values (Fc)
 Average =1.43
 Maximum =3.0
 Minimum =0.2
 Avg/Min Ratio=7.15
 Max/Min Ratio=15.00

ADDITIONAL EQUIPMENT
 (37) PS4S25CTBZ 25 x 4 x .125 SQUARE STEEL POLE
 (5) PS4S25C1BZ 25 X 4 X .125 SQUARE STEEL POLE
 POLE AND FIXTURE MEETS 110 MPH SUSTAINED WINDS

Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
CalcPts	0.94	4.3	0.0	N.A.	N.A.
Parking Area 1	1.44	3.4	0.2	7.20	17.00
Parking Area 2	1.43	3.0	0.2	7.15	15.00

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description
□	5	B1	SINGLE	16000	0.950	BLD-ARE-T3-DA-170-LED-B-UL-SV (BXAL13170B-U)
■	37	A1	SINGLE	17000	0.950	BLD-ARE-T5-R3-170-LED-B-UL-SV (BXALF5170B-U)

NO.	DATE	REVISION
1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

DRAWING NUMBER
E1.1
 SHEET: 17 OF 27

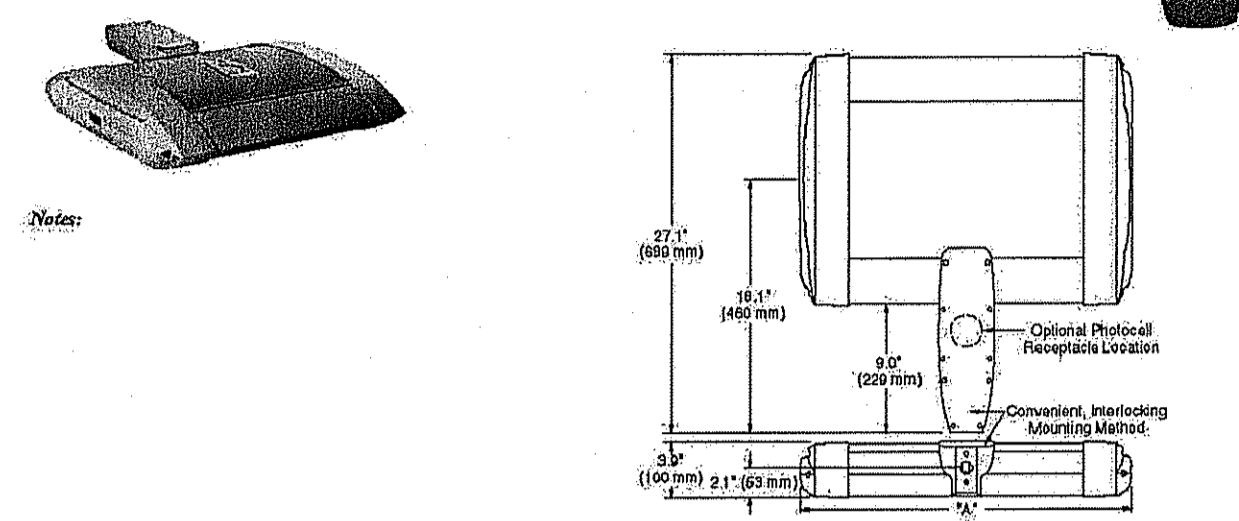
BETA LIGHTING
 800.236.8800 <www.beta-lighting.com> 262.504.5415 FAX
 Illumination results shown on this lighting design are based on project parameters provided to Beta Lighting used in conjunction with luminaire test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying compliance with any applicable electrical, lighting, or energy code.

Date: 11/15/2008 Scale: 1"=50' Layout by: JIM BLAIR
 Project Name: 09472- CVS LOT 3 SITE PLAN
 Filename: 809260L1.FRLAGI
 FOOTCANDLES CALCULATED AT GRADE USING AVERAGE LUMENS DELIVERED OVER THE FIRST 50K HOURS OF LED LIFE

LIGHTING PLAN

BLD-ARE-T4-DA The Edge™ LED Area Light – Type IV Rev. Date: 08/22/08

Beta Catalog Number: BLD-ARE-T4-DA - LED-B

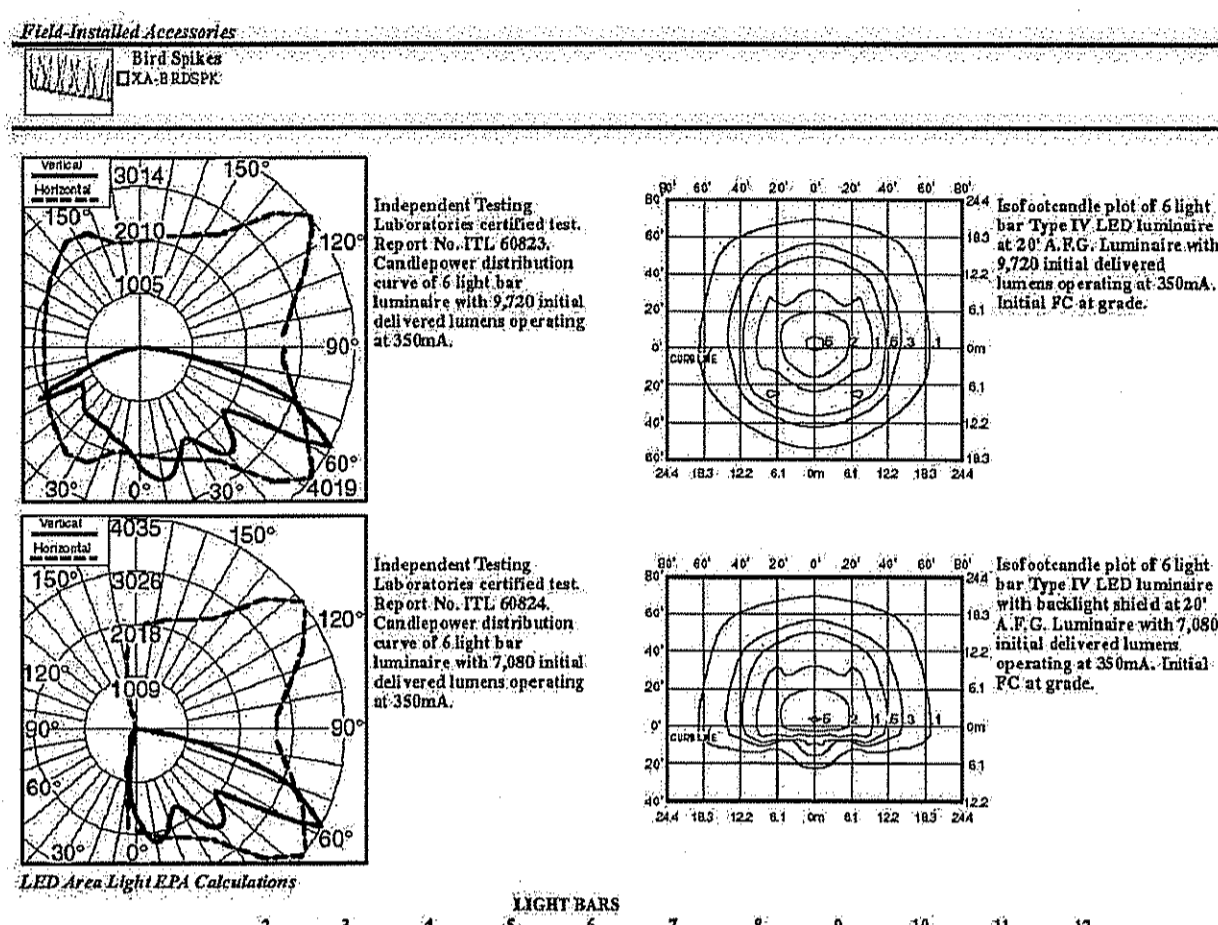


Product Family	Housing	Optics	Mounting	Initial Delivered Lumens (lm)	Performance	Color	Factory-Installed Options
BLD-ARE	T4	DA	DA	1017	1017	UL	UL
				1054	1054	UL	UL
				1091	1091	UL	UL
				1128	1128	UL	UL
				1165	1165	UL	UL
				1202	1202	UL	UL
				1239	1239	UL	UL
				1276	1276	UL	UL
				1313	1313	UL	UL
				1350	1350	UL	UL
				1387	1387	UL	UL
				1424	1424	UL	UL
				1461	1461	UL	UL

Output Multipliers	LED Performance Generation B Specs*
Color Temperature	Initial Delivered Lumens
6000K (Standard)	1.00
4500K	0.80
3500K	0.75
Ambient Temperature (°C)	Lumen Multiplier
-20	1.11
10	1.04
35	1.00
40	0.96
Drive Current	Power Multiplier
175mA	0.6
350mA	1.0
525mA	1.5

BLD-ARE-T4-DA The Edge™ LED Area Light – Type IV Rev. Date: 08/22/08

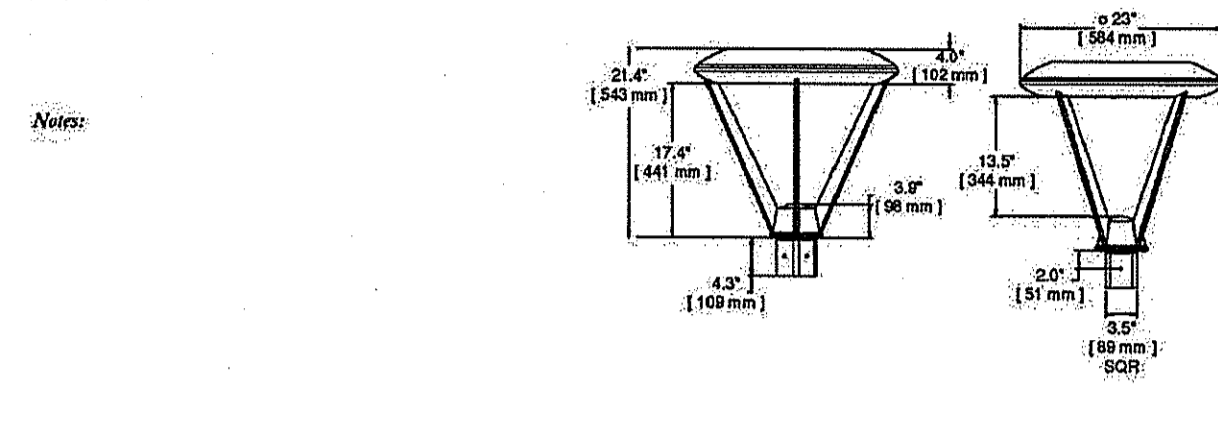
General Description: Slim, low profile design... **Finish:** Exclusive Colorfast DeltaClear® finish... **Electrical:** Modular design accommodates varied lighting output... **Factory-Installed Accessories:** Bird Spikes, Bird Spikes (DA-9100P).



Beam Spread	Initial Delivered Lumens	System Lumens	System Watts	System Efficacy
3.0mm	640	640	0.60	0.60
6.0mm	1280	1280	1.20	1.20
9.0mm	1920	1920	1.80	1.80
12.0mm	2560	2560	2.40	2.40
15.0mm	3200	3200	3.00	3.00
18.0mm	3840	3840	3.60	3.60
21.0mm	4480	4480	4.20	4.20
24.0mm	5120	5120	4.80	4.80
27.0mm	5760	5760	5.40	5.40
30.0mm	6400	6400	6.00	6.00

BLD-ARR-T5-R4 The Edge™ Round LED Area Light – Type V Rev. Date: 08/22/08

Beta Catalog Number: BLD-ARR-T5-R4 - LED-B

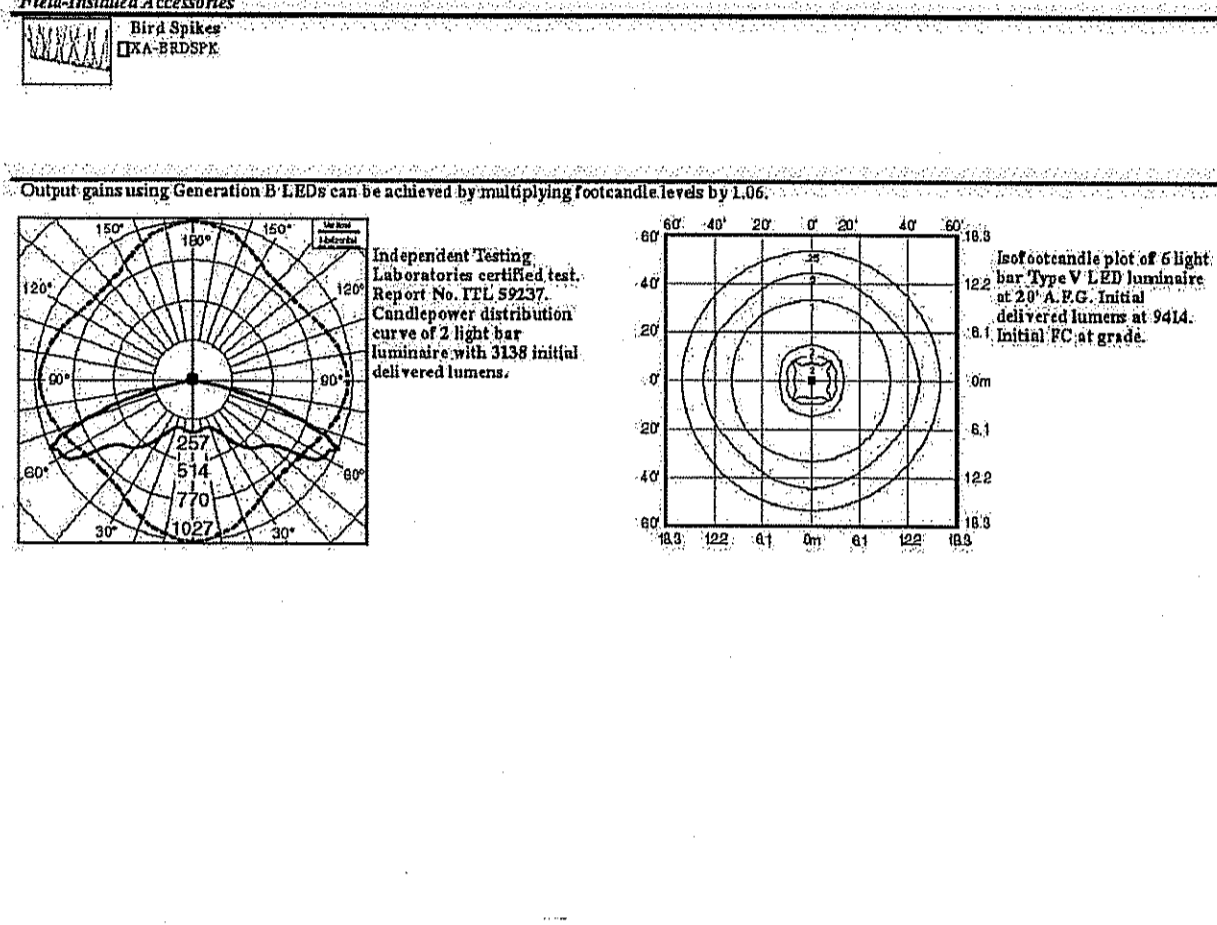


Product Family	Housing	Optics	Mounting	Initial Delivered Lumens (lm)	Performance	Color	Factory-Installed Options
BLD-ARR	T5	R4	R4	1017	1017	UL	UL
				1054	1054	UL	UL
				1091	1091	UL	UL
				1128	1128	UL	UL
				1165	1165	UL	UL
				1202	1202	UL	UL
				1239	1239	UL	UL
				1276	1276	UL	UL
				1313	1313	UL	UL
				1350	1350	UL	UL
				1387	1387	UL	UL
				1424	1424	UL	UL
				1461	1461	UL	UL

Output Multipliers	LED Performance Generation B Specs*
Color Temperature	Initial Delivered Lumens
6000K (Standard)	1.00
4500K	0.80
3500K	0.75
Ambient Temperature (°C)	Lumen Multiplier
-20	1.11
10	1.04
35	1.00
40	0.96
Drive Current	Power Multiplier
175mA	0.6
350mA	1.0
525mA	1.5

BLD-ARR-T5-R4 The Edge™ Round LED Area Light – Type V Rev. Date: 08/22/08

General Description: Slim, low profile design... **Finish:** Exclusive Colorfast DeltaClear® finish... **Electrical:** Modular design accommodates varied lighting output... **Factory-Installed Accessories:** Bird Spikes, Bird Spikes (DA-9100P).



Beam Spread	Initial Delivered Lumens	System Lumens	System Watts	System Efficacy
3.0mm	640	640	0.60	0.60
6.0mm	1280	1280	1.20	1.20
9.0mm	1920	1920	1.80	1.80
12.0mm	2560	2560	2.40	2.40
15.0mm	3200	3200	3.00	3.00
18.0mm	3840	3840	3.60	3.60
21.0mm	4480	4480	4.20	4.20
24.0mm	5120	5120	4.80	4.80
27.0mm	5760	5760	5.40	5.40
30.0mm	6400	6400	6.00	6.00

LIGHTING DETAIL PLAN

NO.	DATE	REVISION	DRAWING NUMBER
1	11/03/08	RIDEM SUBMISSION	E1.2
2	12/10/08	RIDEM COMMENTS	

BETA LIGHTING
800.236.6800 <www.beta-lighting.com> 262.504.5415 FAX
Illumination results shown on this lighting design are based on project parameters provided to Beta Lighting used in conjunction with luminance test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying compliance with any applicable electrical, lighting, or energy codes.

Date: 9/26/2008 Scale: 1"=50' Layout by: JIM BLAIR
Project Name: 09472- CVS LOT 3 SITE PLAN
Filename: 8092601.URB.AGI
FOOTCANDLES CALCULATED AT GRADE USING AVERAGE LUMENS DELIVERED OVER THE FIRST 60K HOURS OF LED LIFE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PERMITTING
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 8 2008 FILE # 08-0351
NO CHANGES ALLOWED WITHOUT PROPERLY APPROVED PLANS MUST BE AT CONSTRUCTION
Charles A. Hackett

STEVEN M. CABRAL
No. 0847
REGISTERED PROFESSIONAL ENGINEER
(Civil) (Perseus)

DEC 16 2008

STEVEN M. CABRAL
 No. 4847
 PROFESSIONAL ENGINEER

Revisions:
 1. 11/03/08 RIDEM SUBMISSION
 2. 12/10/08 RIDEM COMMENTS

Job No: C-1754
 Dwg No: SCHEMATIC
 Drawn: SD/MB
 Checked: MB/RC
 Issued: 10-16-08

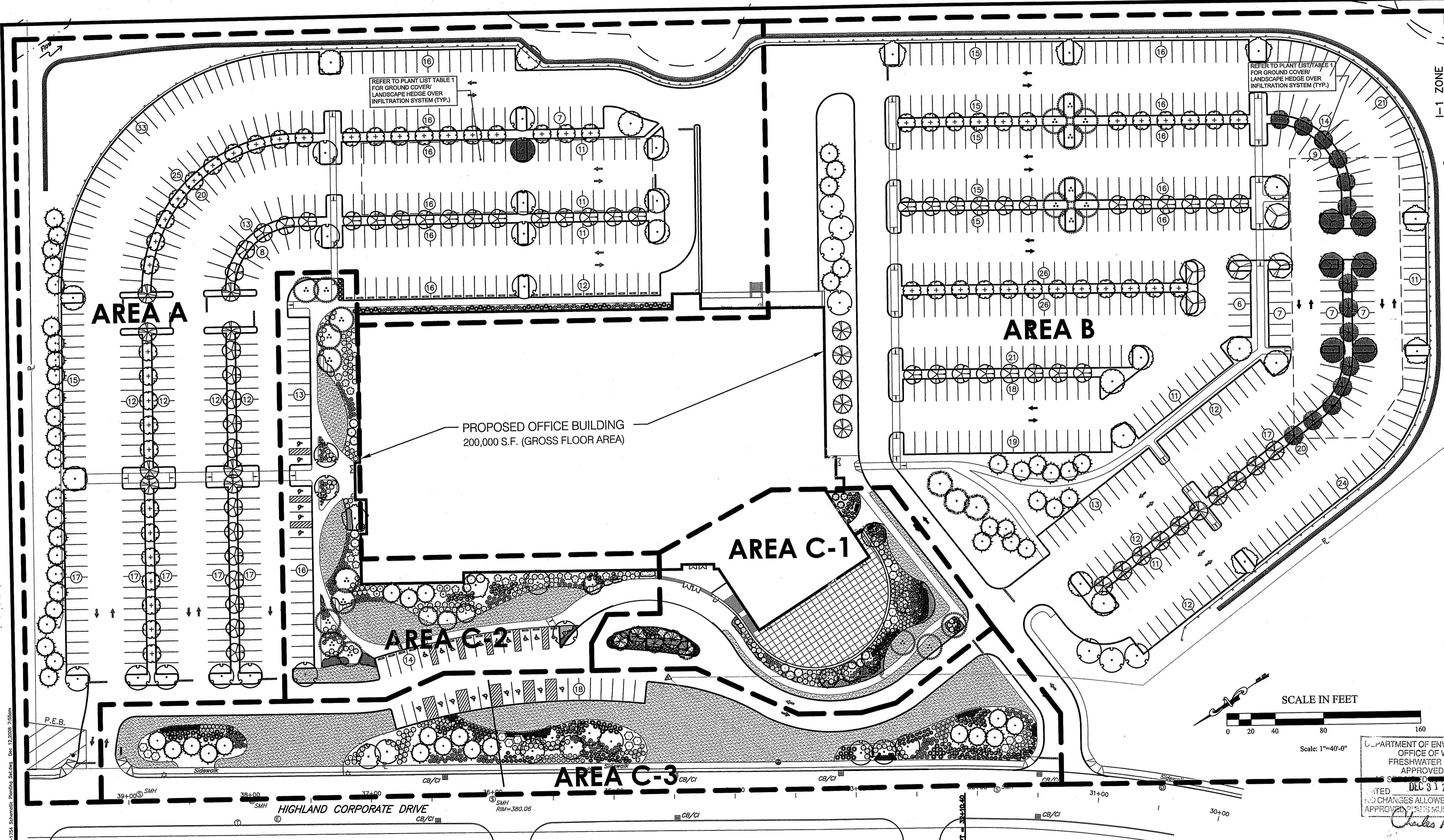
GLA
 Gates, Leighton & Associates, Inc.
 LANDSCAPE ARCHITECTURE
 865-A Waterman Avenue, East Providence, Rhode Island 02942
 Phone: (401) 438-5071 Fax: (401) 438-7311 Website: gla.com

Landscape Plan - (Key Plan)
 CVS - Customer Support Center
 Highland Corporate Drive
 Cumberland, Rhode Island

RIDEM
 WETLAND SUBMISSION

THIS DRAWING IS THE PROPERTY OF THE LANDSCAPE ARCHITECT. ANY UNAUTHORIZED USE OF THIS DRAWING WITHOUT WRITTEN PERMISSION IS PROHIBITED.

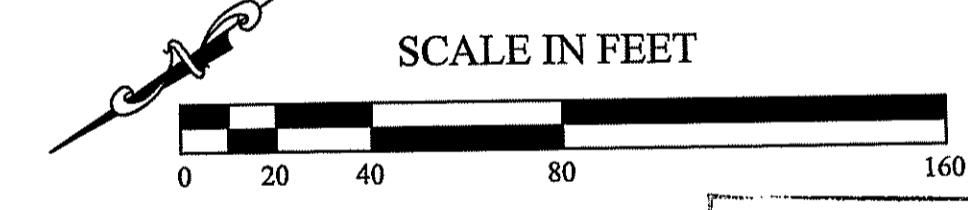
Sheet 19 of 27



PLANT SCHEDULE MASTER

TREES	QTY	BOTANICAL	COMMON	SIZE	REMARKS
AFA	34	Acer freemanii 'Armstrong'	Freeman Maple	2.5"-3" Cal.	B & B
BNH	21	Betula nigra 'Heritage'	Heritage River Birch	10' - 12' Ht	Multi-Stem
CFP	7	Cornus florida 'Cherokee Princess'	Cherokee Princess Dogwood	3 - 3.5" Cal	B & B
FSP	1	Fagus sylvatica 'Purpurea'	Copperleaf Beech	3 - 3.5" Cal	B & B
GBP	8	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	2.5"-3" Cal.	B & B
GTS	10	Gleditsia triacanthos 'Skyline'	'Skyline' Honey Locust	2.5"-3" Cal.	B & B
MG	5	Metasequoia glyptostroboides	Dawn Redwood	14' - 16" Ht	B & B
PPH	62	Picea pungens 'Hoopsii'	Hoopsii Blue Spruce	10' - 12" Ht	B & B
PS	3	Pinus strobus	White Pine	10' - 12" Ht	B & B
PCT	49	Prunus cerasifera 'Thundercloud'	Thundercloud Plum	2.5"-3" Cal.	B & B
PO	62	Prunus x 'Okame'	Okame Cherry	2.5"-3" Cal.	B & B
SRI	31	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	2 - 2.5" Cal	B & B
UPA	18	Ulmus parvifolia 'Allee'	Allee Lacebark Elm	2.5"-3" Cal.	B & B

SHRUBS	QTY	BOTANICAL	COMMON	SIZE	REMARKS
CNG	14	Chamaecyparis obtusa 'Nana Gracilis'	Dwarf Hinoki False Cypress	5' - 6" Ht	B & B
CIH	237	Cornus alba 'Ivory Halo' TM	Tatarian Dogwood	5 gal	Cont.
FG	42	Fothergilla gardenii	Dwarf Fothergilla	3 gal	Cont.
HPT	15	Hydrangea paniculata 'Tardiva'	Tardiva Hydrangea	10 gal	Cont. Heavy
IGS	26	Ilex glabra 'Shamrock'	Inkberry	7 gal	Cont.
IRS	148	Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	3 gal	Cont.
IBP	5	Ilex x meserveae 'Blue Princess' TM	Blue Princess Holly	4' - 5' Ht	B & B
JCT	3	Juniperus chinensis 'Torulosa'	Hollywood Juniper	6' - 7' Ht	B & B
JGO	108	Juniperus virginiana 'Grey Owl'	Eastern Redcedar	2.5"-3" HL	B & B
MD	177	Microbiota decussata	Siberian Carpet Cypress	2 gal	Cont.
RR	13	Rhododendron 'Ramapo'	Azalea	5 gal	Cont.
RER	58	Rhododendron catawbiense 'English Roseum'	English Roseum Rhododendron	3' - 4' Ht	B & B
RBN	106	Rhododendron x 'Boule De Nelge'	Boule De Nelge Rhododendron	5 gal	Cont.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PERMIT
 APPROVED WITH CONDITIONS
 DEC 31 2008 FILE # 08-0351
 NO CHANGES ALLOWED WITHOUT PREVIOUS APPROVAL
 APPROVED BY: STEVEN M. CABRAL
 Charles A. Harker

Propose Plant List For:
 Planting Island Located Directly Above Detention Infiltration System

Note:
 No Plants With Deep And/or Aggressive Root Systems Will Be Installed Directly Above Underground Infiltration Systems So As Not To Impact The Integrity Of The System.

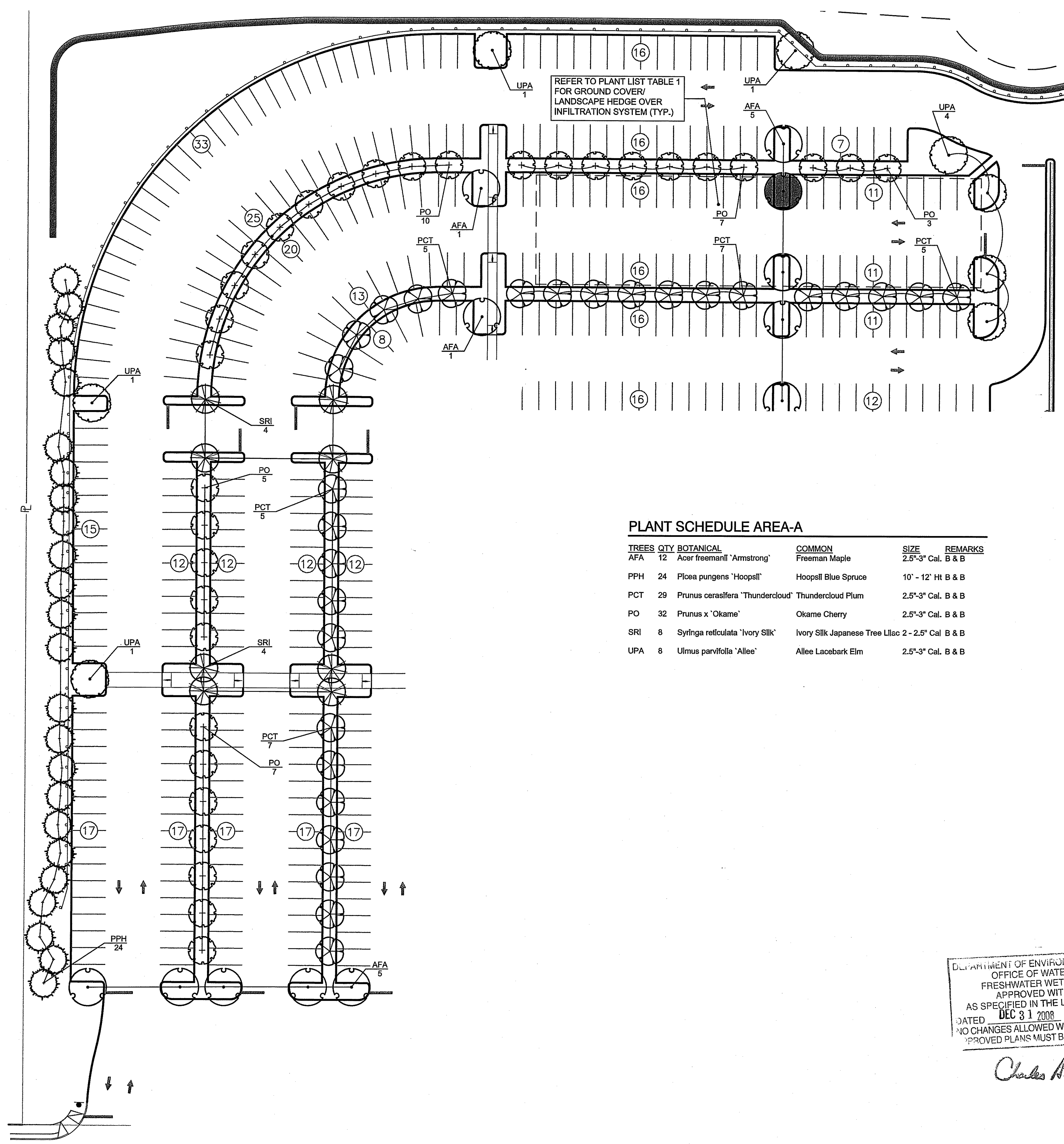
Plant List:
 Shrubs: (select Shrubs Will Only Be Planted In Areas With Minimum 3 Feet Of Coverage Over Infiltration System)
 - Cornus Alba 'Ivory Halo'
 - potentilla Fruticosa
 - Rhus Aromatica 'grow Low'
 - Spiraea Japonica

Perennials:
 - Aster
 - Baptisia
 - Echinacea
 - Hemerocallis
 - Liatris
 - Perovskia
 - Rudbeckia
 - Sedum

Grasses:
 - Calamagrostis X Acutiflora 'Karl Foerster'
 - Festuca Ovina
 - Miscanthus Sinensis
 - Panicum Virgatum
 - Pennisetum Alopecuroides

I:\1540 - CVS Coramark Office\Current\ACAD Dwg\02-Design Plans\02-Design Plans\02-Design Plans\C-1754 Schematic Planting Schematic.dwg, L1-01, 12/12/2008 7:54:05 AM, 1:1

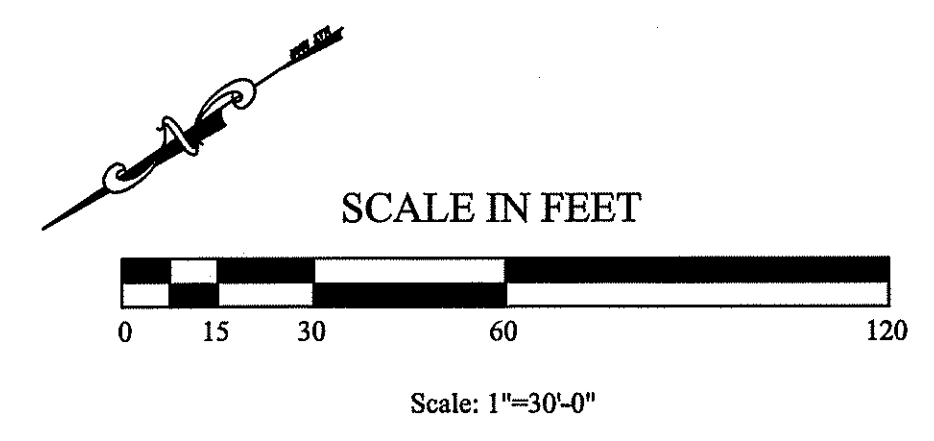
S:\1540 - CVS - Caremark Office\Current\ACAD Dwg\02-Design - Plans\02-RIDEM Submission\REV 2\Landscape Plans\C-1754 - Schematic Planting Sdwg - L1-02, 12/12/2008 7:56:44 AM, 1:1



PLANT SCHEDULE AREA-A

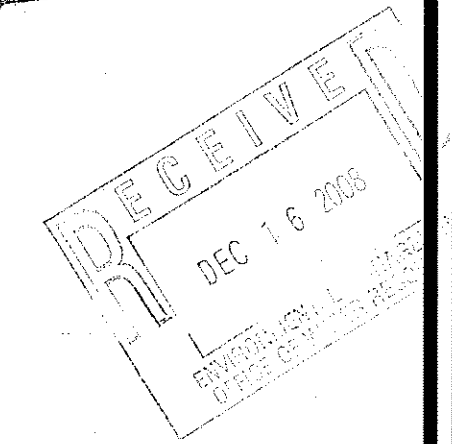
TREES	QTY	BOTANICAL	COMMON	SIZE	REMARKS
AFA	12	Acer freemanii 'Armstrong'	Freeman Maple	2.5'-3" Cal.	B & B
PPH	24	Picea pungens 'Hoopsii'	Hoopsii Blue Spruce	10' - 12' Ht	B & B
PCT	29	Prunus cerasifera 'Thundercloud'	Thundercloud Plum	2.5'-3" Cal.	B & B
PO	32	Prunus x 'Okame'	Okame Cherry	2.5'-3" Cal.	B & B
SRI	8	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	2 - 2.5" Cal	B & B
UPA	8	Ulmus parvifolia 'Allee'	Allee Lacebark Elm	2.5'-3" Cal.	B & B

AREA A



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED **DEC 31 2008** FILE # **08-0351**
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Herbert



STEVEN M. CABRAL
 No. 1847
 REGISTERED PROFESSIONAL ENGINEER
Civil

Revisions:

1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

Job No: C-1754
 Dwg No: SCHEMATIC
 Drawn: SDMB
 Checked: MBRC
 Issued: 10-16-08

GLA Gates, Leighton & Associates, Inc.
 LANDSCAPE ARCHITECTURE
 865-A Waterman Avenue, East Providence, Rhode Island 02914
 Phone: (401) 438-2071 Fax: (401) 438-2071 Website: www.gla.com

Planting Plan - Area A
 CVS - Customer Support Center
 Highland Corporate Drive
 Cumberland, Rhode Island

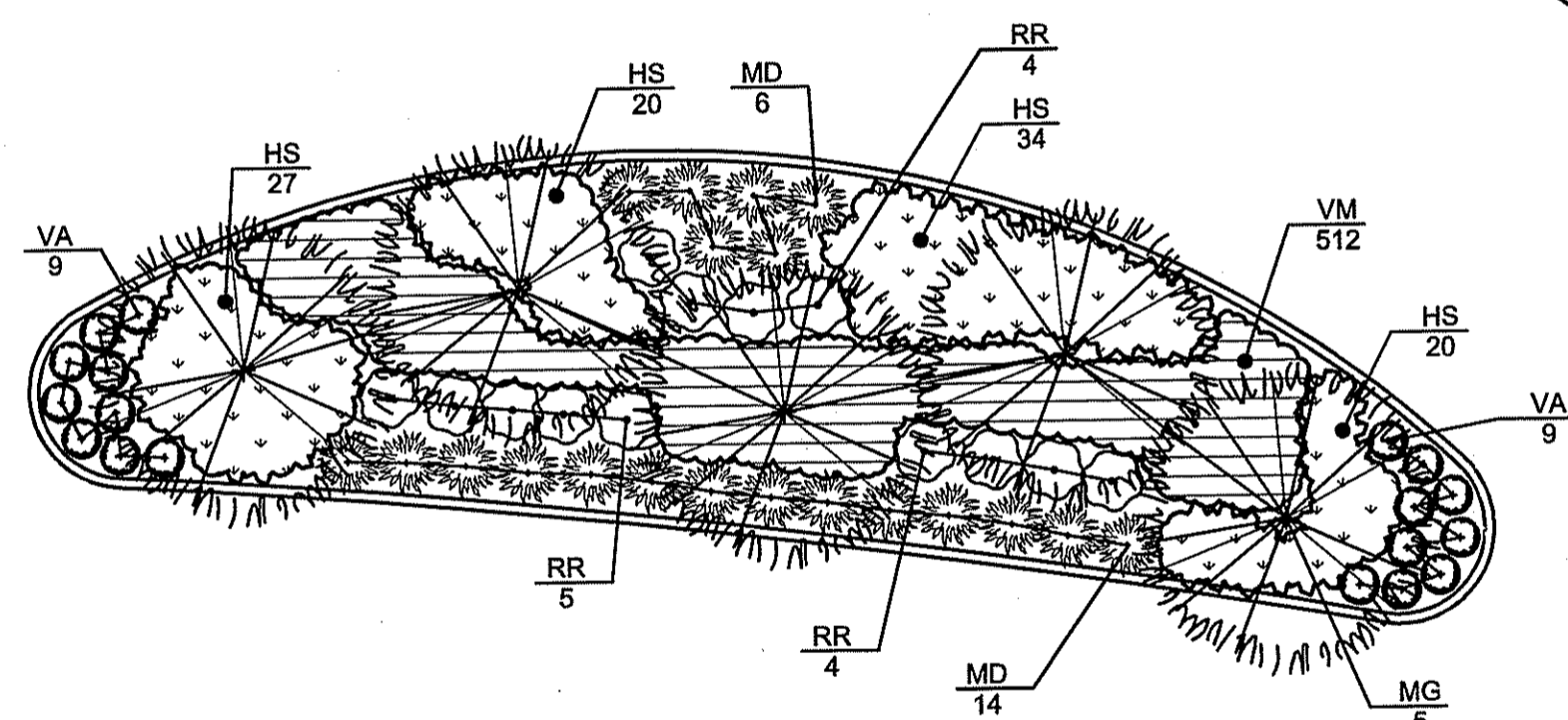
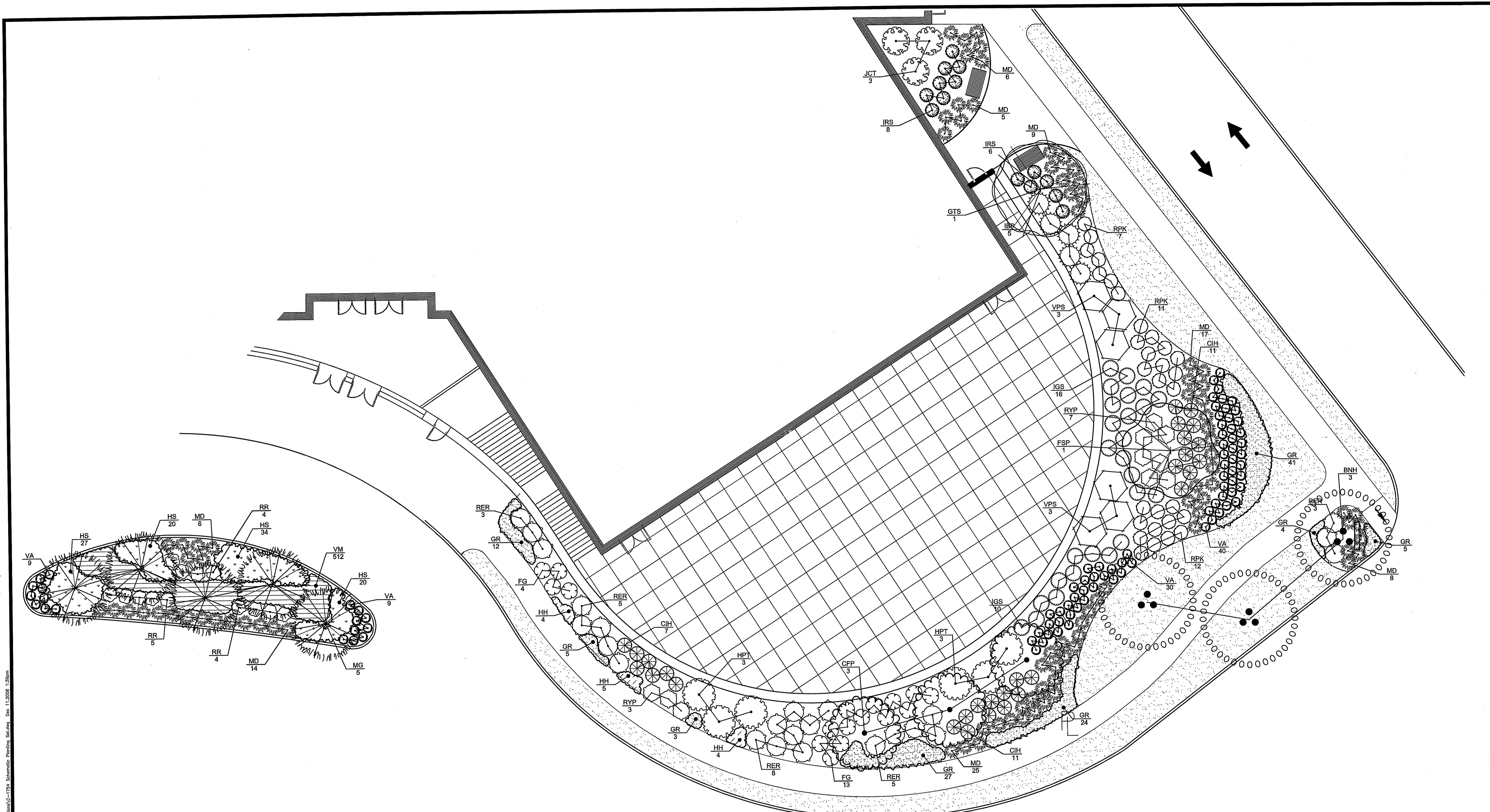
RIDEM
 WETLAND SUBMISSION

THIS DRAWING IS THE PROPERTY OF THE LANDSCAPE ARCHITECT. ANY UNAUTHORIZED USE OF THIS DRAWING WITHOUT WRITTEN PERMISSION IS PROHIBITED.

Sheet 20 of 27

L1.2

S:\1540 - CVS Current Office\Current\ACAD Dwg\02-Design Plans\02-RIDEM Submission\REV 2\Landscape Plans\1754 Schematic Planting Set.dwg, L1-04, 12/11/2008 1:39:07 PM, 1:1



PLANT SCHEDULE AREA C-1

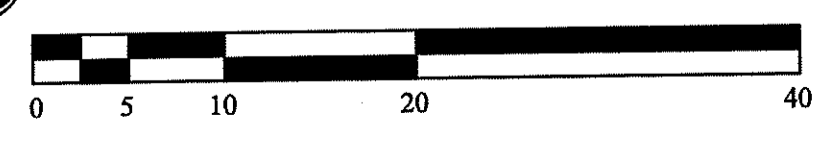
TREES	QTY	BOTANICAL	COMMON	SIZE	REMARKS
BNH	3	Betula nigra 'Heritage'	Heritage River Birch	10' - 12' Ht	Multi-Stem
CFP	3	Cornus florida 'Cherokee Princess'	Cherokee Princess Dogwood	3 - 3.5" Cal	B & B
FSP	1	Fagus sylvatica 'Purpurea'	Copperleaf Beech	3 - 3.5" Cal	B & B
GTS	1	Gleditsia triacanthos 'Skyline'	'Skyline' Honey Locust	2.5" - 3" Cal.	B & B
MG	5	Metasequoia glyptostroboides	Dawn Redwood	14' - 16' Ht	B & B

SHRUBS	QTY	BOTANICAL	COMMON	SIZE	REMARKS
CHH	29	Cornus alba 'Ivory Halo' TM	Tatarian Dogwood	5 gal	Cont.
FG	17	Fothergilla gardenii	Dwarf Fothergilla	3 gal	Cont.
HPT	6	Hydrangea paniculata 'Tardiva'	Tardiva Hydrangea	10 gal	Cont. Heavy
IGS	26	Ilex glabra 'Shamrock'	Inkberry	7 gal	Cont.
IRS	14	Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	3 gal	Cont.
IBP	5	Ilex x meserveae 'Blue Princess' TM	Blue Princess Holly	4' - 5' Ht	B & B
JCT	3	Juniperus chinensis 'Torulosa'	Hollywood Juniper	6' - 7' Ht	B & B
MD	90	Microbiota decussata	Siberian Carpet Cypress	2 gal	Cont.
RR	13	Rhododendron 'Ramapo'	Azalea	5 gal	Cont.
RER	24	Rhododendron catawbiense 'English Roseum'	English Roseum Rhododendron	3' - 4' Ht	B & B
RYP	10	Rhododendron yakusimanum 'Princess'	Yaku Princess Rhododendron	5 gal	Cont.
RPK	30	Rosa shrub 'Knock Out Pink'	Pink Knock Out Rose	3 gal	Cont.
VA	88	Vaccinium angustifolium	Lowbush Blueberry	1 gal	Cont.
VPS	6	Viburnum plicatum tomentosum 'Shasta'	Shasta Japanese Snowball	5' - 6' Ht	B & B

SHRUB AREAS	QTY	BOTANICAL	COMMON	SIZE
GR	121	Geranium x 'Rosanne'	Purple Cranesbill	1 gal@ 24" oc
HH	13	Heemerocallis x 'Happy Returns'	Happy Returns Daylily	1 gal@ 24" oc
HS	101	Hosta x 'Sum & Substance'	Plantain Lily	1 gal@ 24" oc
VM	512	Vinca minor	Common Periwinkle	4"pot@ 10" oc

AREA C-1

SCALE IN FEET



Scale: 1"=10'-0"

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 31 2008 FILE # 08-0351
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hester

RECEIVED
DEC 16 2008
WETLANDS SECTION

STEVEN M. CABRAL
No. 4847
REGISTERED PROFESSIONAL ENGINEER

Revisions:

1	11/03/08	RIDEM SUBMISSION
2	12/10/08	RIDEM COMMENTS

Job No: C-1754
Dwg No: SCHEMATIC
Drawn: SD/MB
Checked: MB/RC
Issued: 10-10-08

Gates, Leighton & Associates, Inc.
GLA
LANDSCAPE ARCHITECTURE
888-A Waterman Avenue, East Providence, Rhode Island 02914
Phone: (401) 438-2071 Fax: (401) 434-7511 Website: www.gla.com

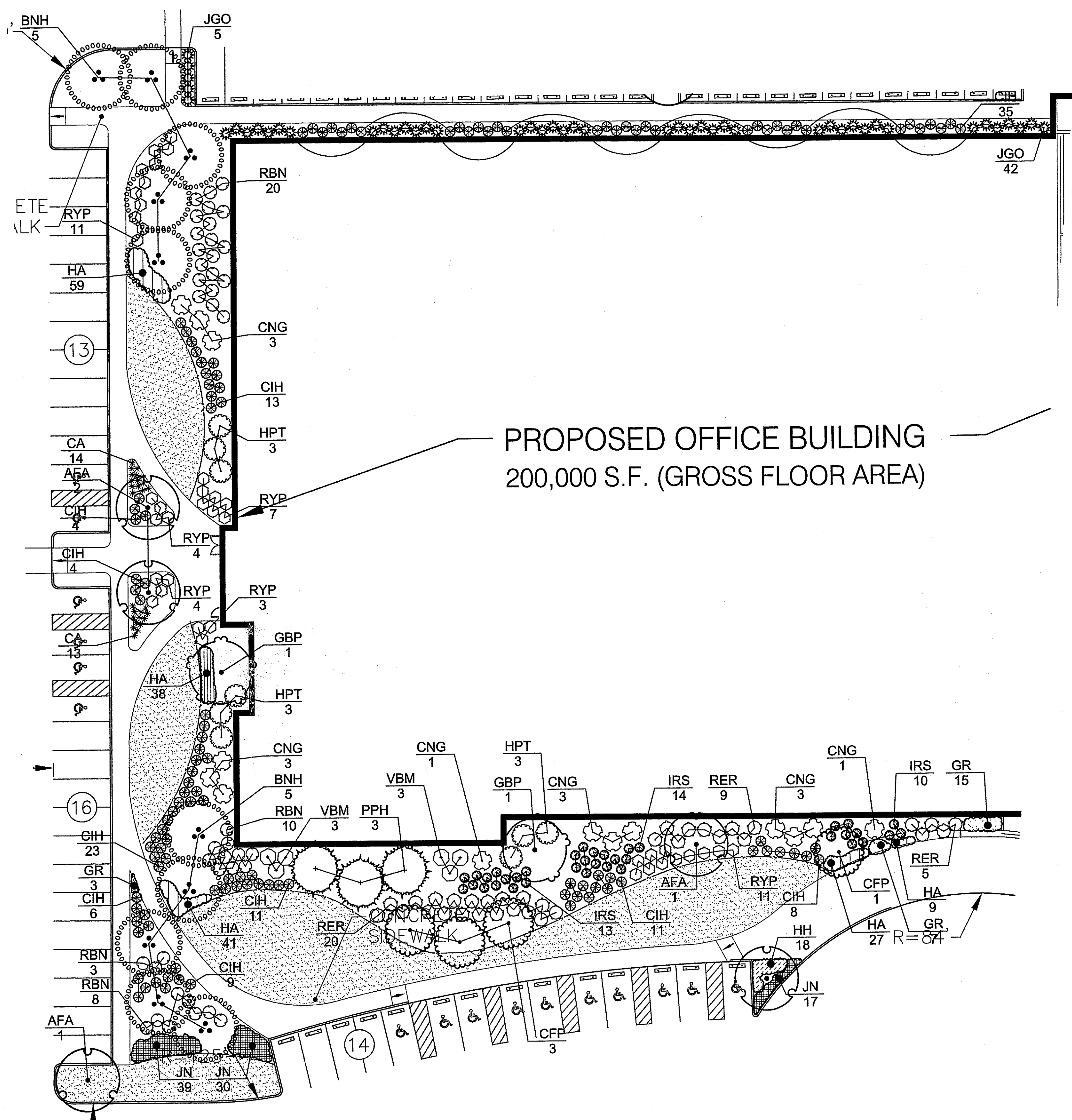
Planting Plan - Area C-1
CVS - Customer Support Center
Highland Corporate Drive
Cumberland, Rhode Island

RIDEM
WETLAND SUBMISSION

THIS DRAWING IS THE PROPERTY OF THE LANDSCAPE ARCHITECT. ANY UNAUTHORIZED USE OF THIS DRAWING WITHOUT WRITTEN PERMISSION IS PROHIBITED.

Sheet 22 of 27

L1.4



PROPOSED OFFICE BUILDING
200,000 S.F. (GROSS FLOOR AREA)

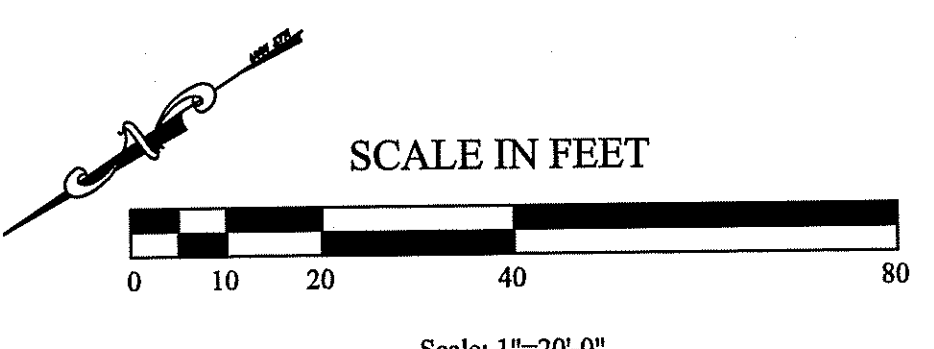
PLANT SCHEDULE AREA C-2

TREES	QTY	BOTANICAL	COMMON	SIZE	REMARKS
AFA	5	Acer freemanii 'Armstrong'	Freeman Maple	2.5"-3" Cal.	B & B
BNH	10	Betula nigra 'Heritage'	Heritage River Birch	10' - 12' Ht	Multi-Stem
CFP	4	Cornus florida 'Cherokee Princess'	Cherokee Princess Dogwood	3 - 3.5" Cal	B & B
GBP	2	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	2.5"-3" Cal.	B & B
PPH	3	Picea pungens 'Hoopsii'	Hoopsii Blue Spruce	10' - 12' Ht	B & B
SHRUBS	QTY	BOTANICAL	COMMON	SIZE	REMARKS
CA	27	Calamagrostis acutifolia 'Karl Foerster'	Foerster's Reed Grass	1 gal	Cont.
CNG	14	Chamaecyparis obtusa 'Nana Gracilis'	Dwarf Hinoki False Cypress	5' - 6' Ht	B & B
CIH	124	Cornus alba 'Ivory Halo' TM	Tatarian Dogwood	5 gal	Cont.
HPT	9	Hydrangea paniculata 'Tardiva'	Tardiva Hydrangea	10 gal	Cont. Heavy
IRS	37	Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	3 gal	Cont.
JGO	47	Juniperus virginiana 'Grey Owl'	Eastern Redcedar	2.5"-3" Ht.	B & B
RER	34	Rhododendron catawblense 'English Roseum'	English Roseum Rhododendron	3' - 4' Ht	B & B
RBN	41	Rhododendron x 'Boule De Neige'	Boule De Neige Rhododendron	5 gal	Cont.
RYP	40	Rhododendron yakusimanum 'Princess'	Yaku Princess Rhododendron	5 gal	Cont.
VBM	6	Viburnum dentatum 'Blue Muffin'	Southern Arrowwood	7 gal	Cont.
SHRUB AREAS	QTY	BOTANICAL	COMMON	SIZE	
GR	25	Geranium x 'Rosanne'	Purple Cranesbill	1 gal@ 24" oc	
HA	174	Hakonechloa macra 'Aureola'	Golden Variegated Hakonechloa	1 gal@ 18" oc	
HH	18	Hemerocallis x 'Happy Returns'	Happy Returns Daylily	1 gal@ 24" oc	
JN	86	Juniperus procumbens 'Nana'	Japanese Garden Juniper	3 gal@ 24" oc	

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 31 2008 FILE # 08-0351
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Harte

AREA C-2



STEVEN M. CABRAL
No. 4847
REGISTERED PROFESSIONAL ENGINEER

Revisions:
1 11/03/08 RIDEM SUBMISSION
2 12/10/08 RIDEM COMMENTS

Job No: C-1754
Dwg No: SCHEMATIC
Drawn: SD/MB
Checked: MB/RC
Issued: 10-16-08

Gates, Leighton & Associates, Inc.
LANDSCAPE ARCHITECTURE
865-A Waterman Avenue, East Providence, Rhode Island 02914
Phone: (401) 438-2071 Fax: (401) 434-7511 Website: www.gla.com

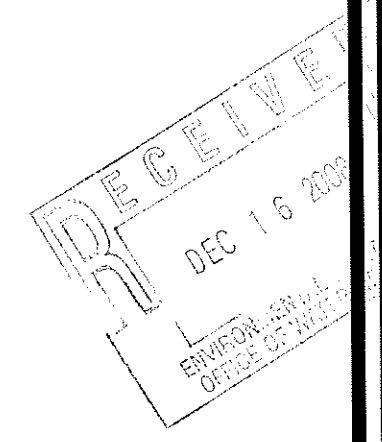


Planting Plan - Area C-2
CVS - Customer Support Center
Highland Corporate Drive
Cumberland, Rhode Island

RIDEM WETLAND SUBMISSION
THIS DRAWING IS THE PROPERTY OF THE LANDSCAPE ARCHITECT ANY UNAUTHORIZED USE OF THIS DRAWING WITHOUT WRITTEN PERMISSION IS PROHIBITED

Sheet 23 of 27

L1.5

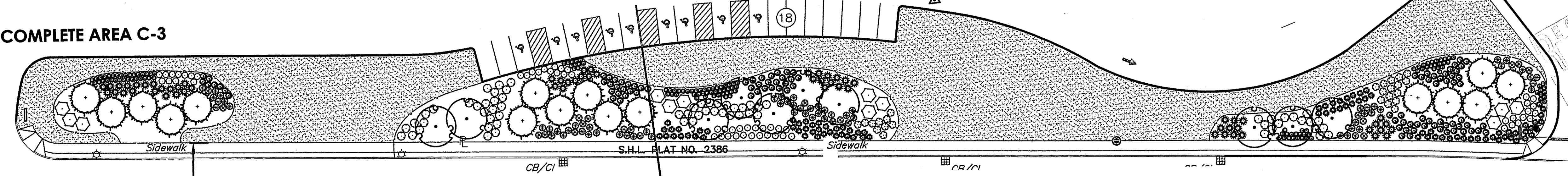
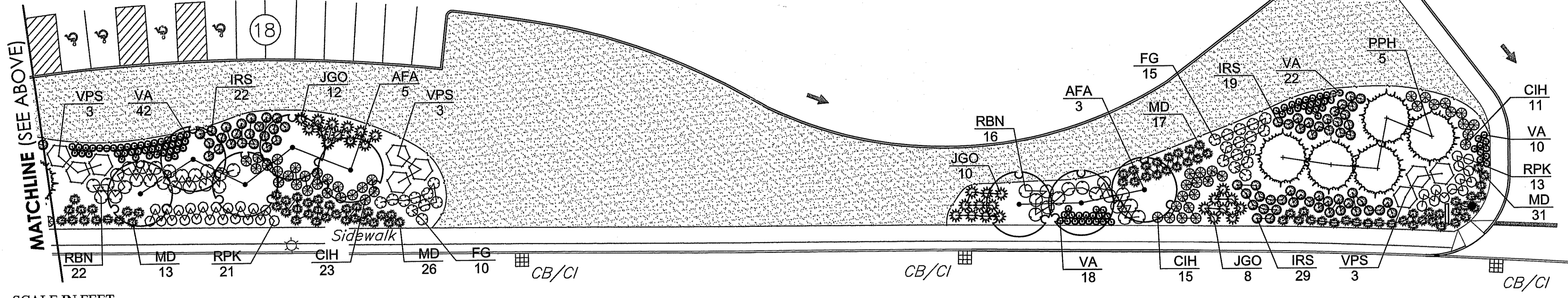
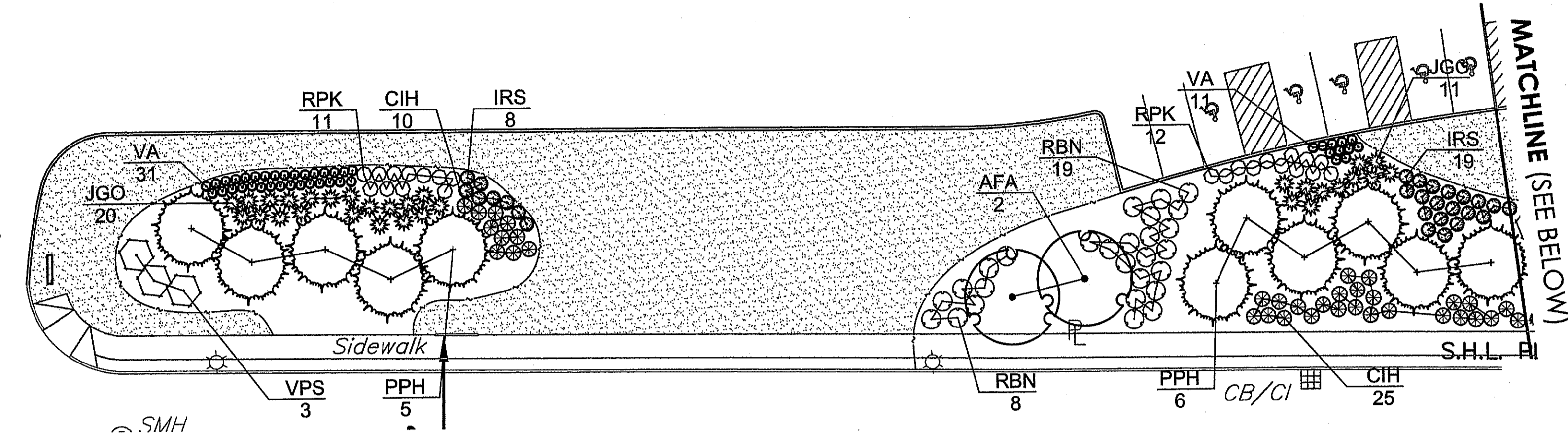


S:\1540 - CVS Caremark Office\Current\ACAD Dwg\02-Design Submission\REV 2\Landscape Plans\C-1754 Schematic Planting Set.dwg, L1-05, 12/11/2008 1:42:16 PM, 1:1

STEVEN M. CABRAL
 No. 4847
 REGISTERED
 PROFESSIONAL ENGINEER

PLANT SCHEDULE C-3

TREES	QTY	BOTANICAL	COMMON	SIZE	REMARKS
AFA	10	Acer freemanii 'Armstrong'	Freeman Maple	2.5'-3" Cal.	B & B
PPH	16	Picea pungens 'Hoopsii'	Hoopsii Blue Spruce	10' - 12' Ht.	B & B
SHRUBS	QTY	BOTANICAL	COMMON	SIZE	REMARKS
CIH	84	Comus alba 'Ivory Halo'™	Tatarian Dogwood	5 gal	Cont.
FG	25	Fothergilla gardenii	Dwarf Fothergilla	3 gal	Cont.
IRS	97	Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	3 gal	Cont.
JGO	61	Juniperus virginiana 'Grey Owl'	Eastern Redcedar	2.5'-3" HL	B & B
MD	87	Microbiota decussata	Siberian Carpet Cypress	2 gal	Cont.
RBN	65	Rhododendron x 'Boule De Neige'	Boule De Neige Rhododendron	5 gal	Cont.
RPK	57	Rosa shrub 'Knock Out Pink'	Pink Knock Out Rose	3 gal	Cont.
VA	133	Vaccinium angustifolium	Lowbush Blueberry	1 gal	Cont.
VPS	12	Viburnum plicatum tomentosum 'Shasta'	Shasta Japanese Snowball	5' - 6' Ht.	B & B



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED DEC 31 2008 FILE # 08-0351
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hester

Revisions:
 1 11/03/08 RIDEM SUBMISSION
 2 12/10/08 RIDEM COMMENTS

Job No: C-1754
 Dwg No: SCHEMATIC
 Drawn: SDMB
 Checked: XXX
 Issued: XXX-XX-XX

Gates, Leighton & Associates, Inc.
 LANDSCAPE ARCHITECTURE
 865-A Waterman Avenue, East Providence, Rhode Island 02914
 Phone: (401) 438-2071 Fax: (401) 438-7511 Website: www.gla.com

GLA

Planting Plan - Area C-3
 CVS - Customer Support Center
 Highland Corporate Drive
 Cumberland, Rhode Island

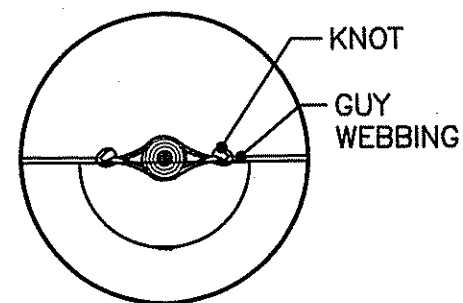
RIDEM
 WETLAND SUBMISSION

THIS DRAWING IS THE PROPERTY OF THE LANDSCAPE ARCHITECT
 ANY UNAUTHORIZED USE OF THIS DRAWING WITHOUT WRITTEN PERMISSION IS PROHIBITED

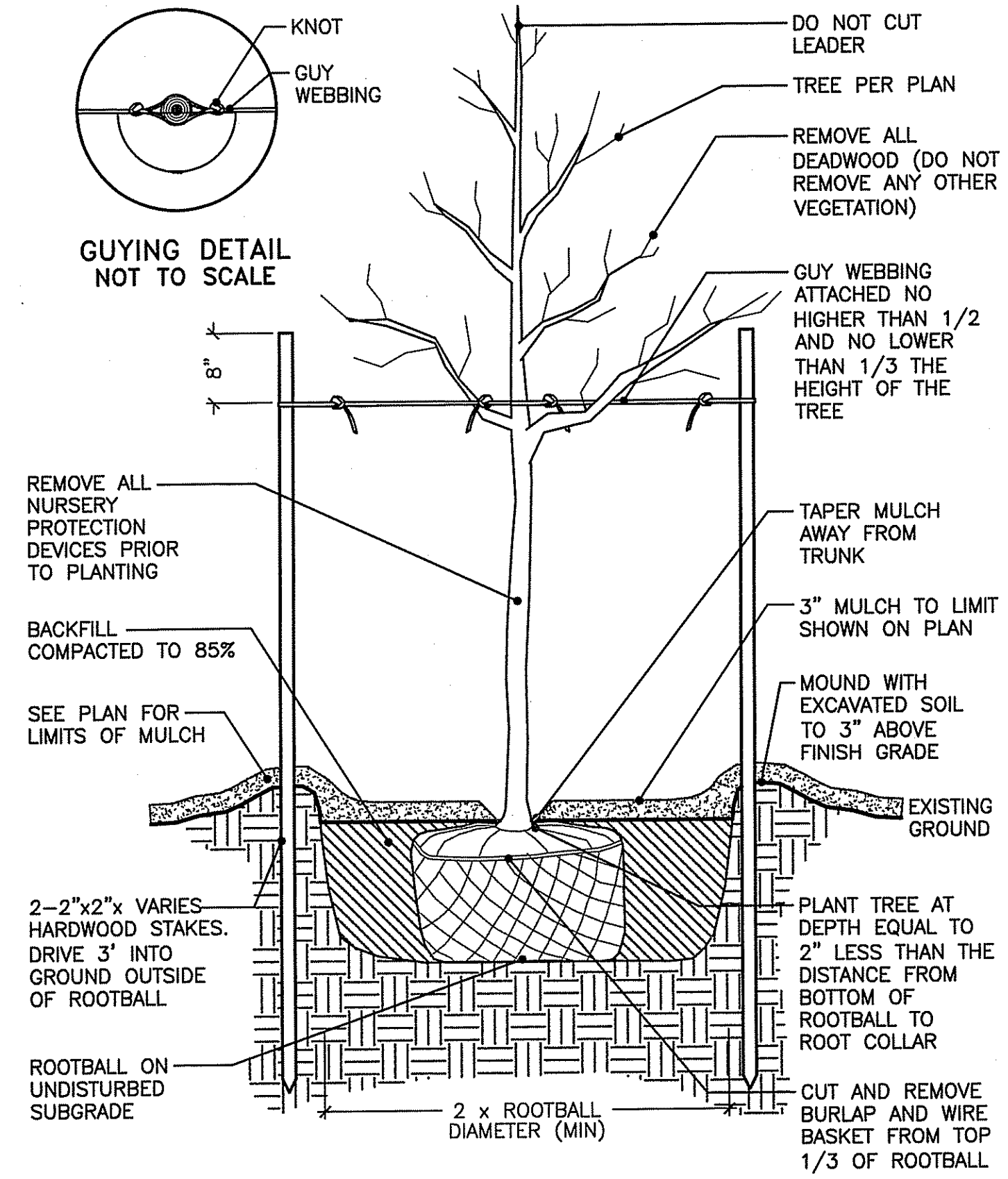
Sheet 24 of 27

L1.6

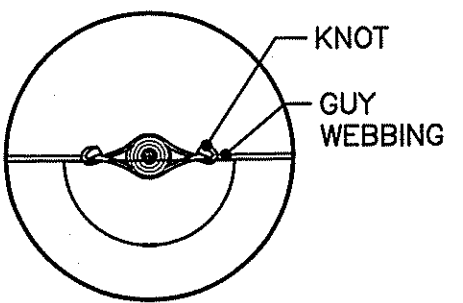
S:\1540 - CVS Customer Support Center\Current\ACAD Dwg\02-Design Plans\02-RIDEM Submissions\REV 2\Landscope Plans\C-1754 Schematic Planting Set.dwg, L1-06, 12/11/2008 1:47:07 PM, 1:1



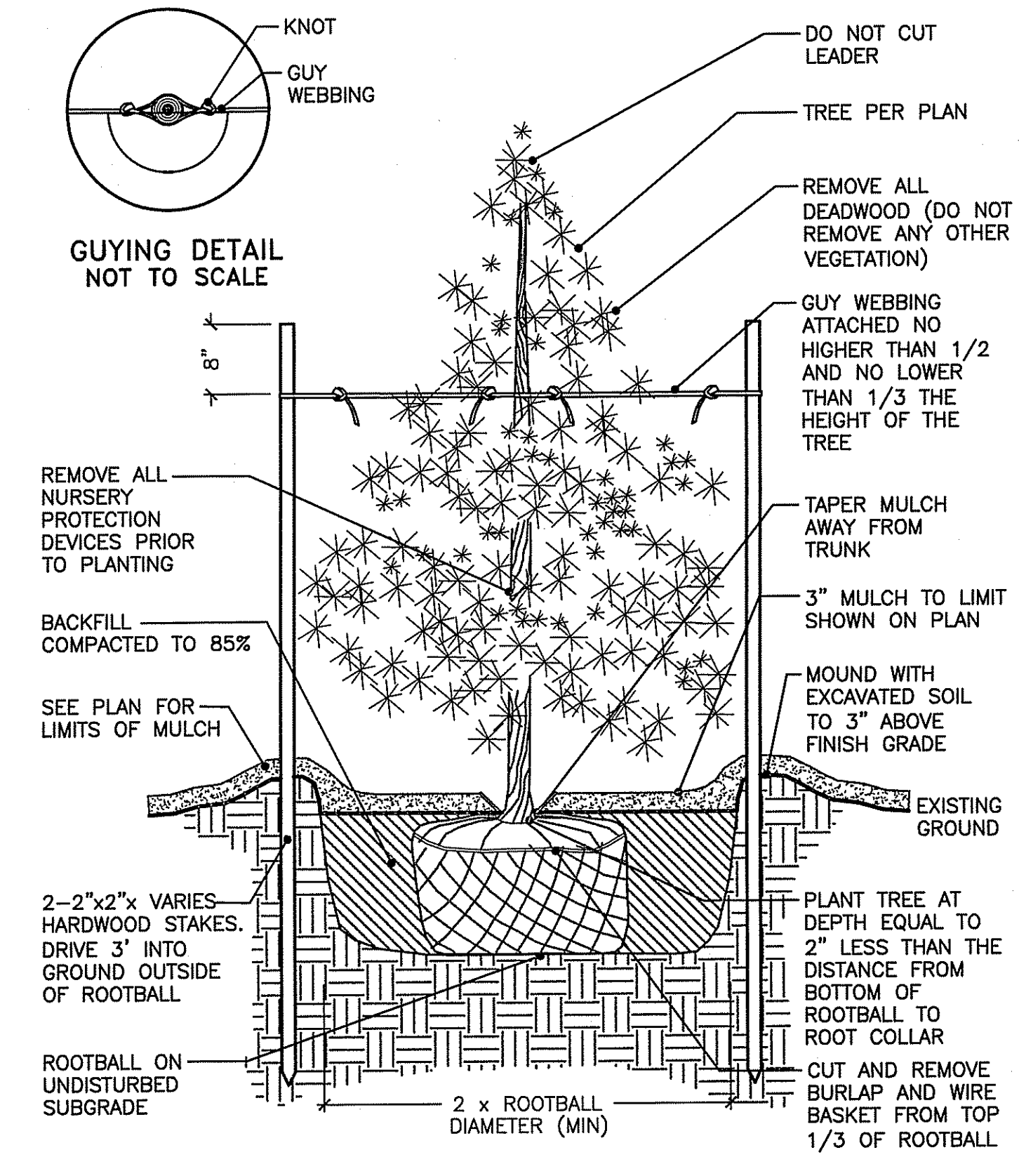
GUYING DETAIL NOT TO SCALE



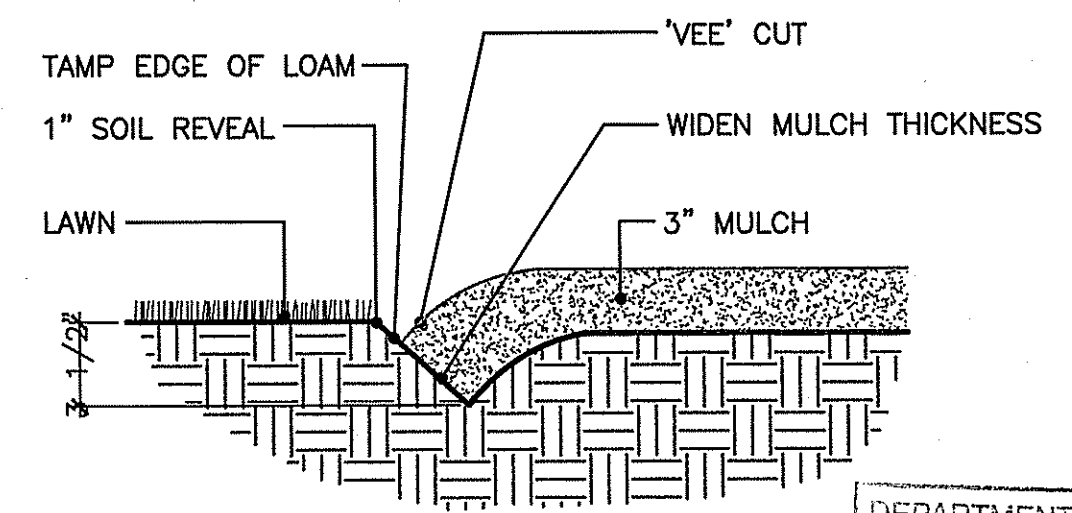
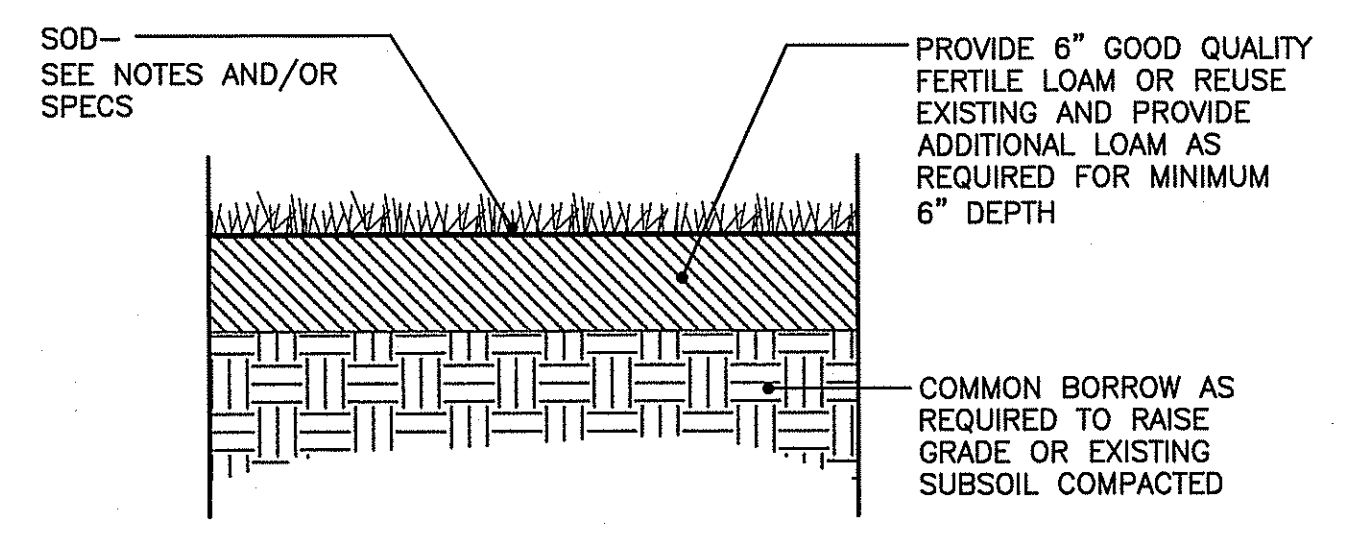
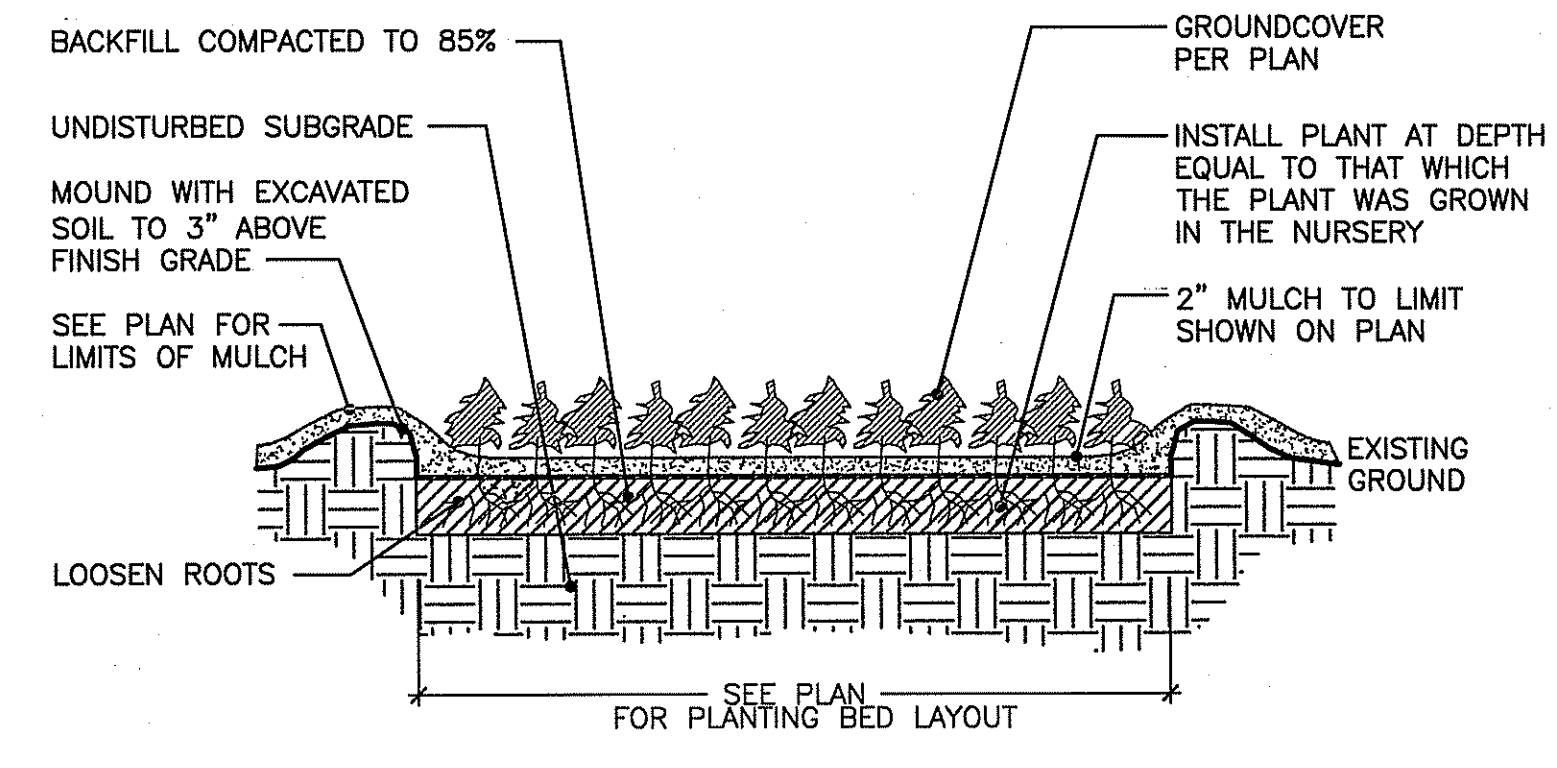
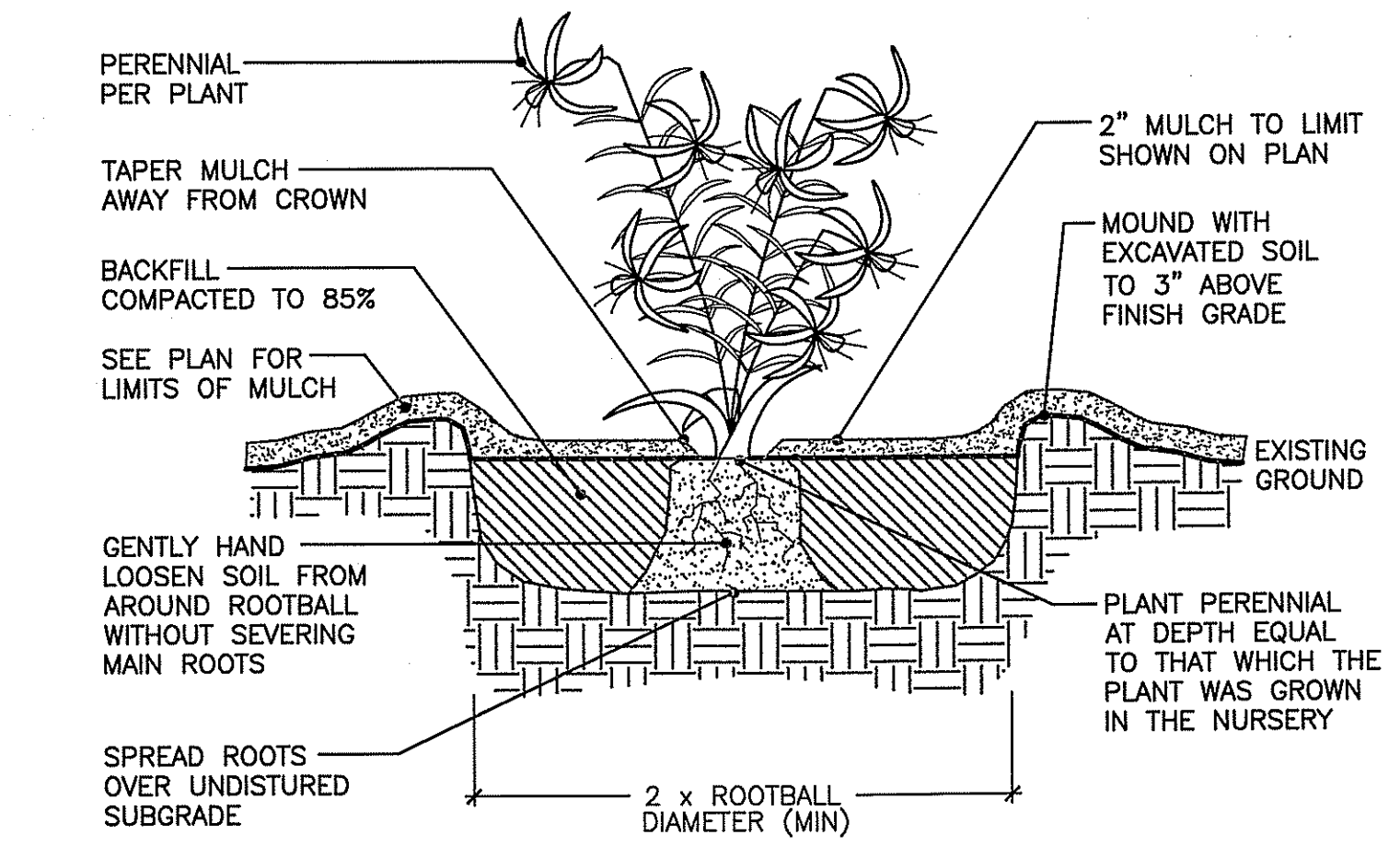
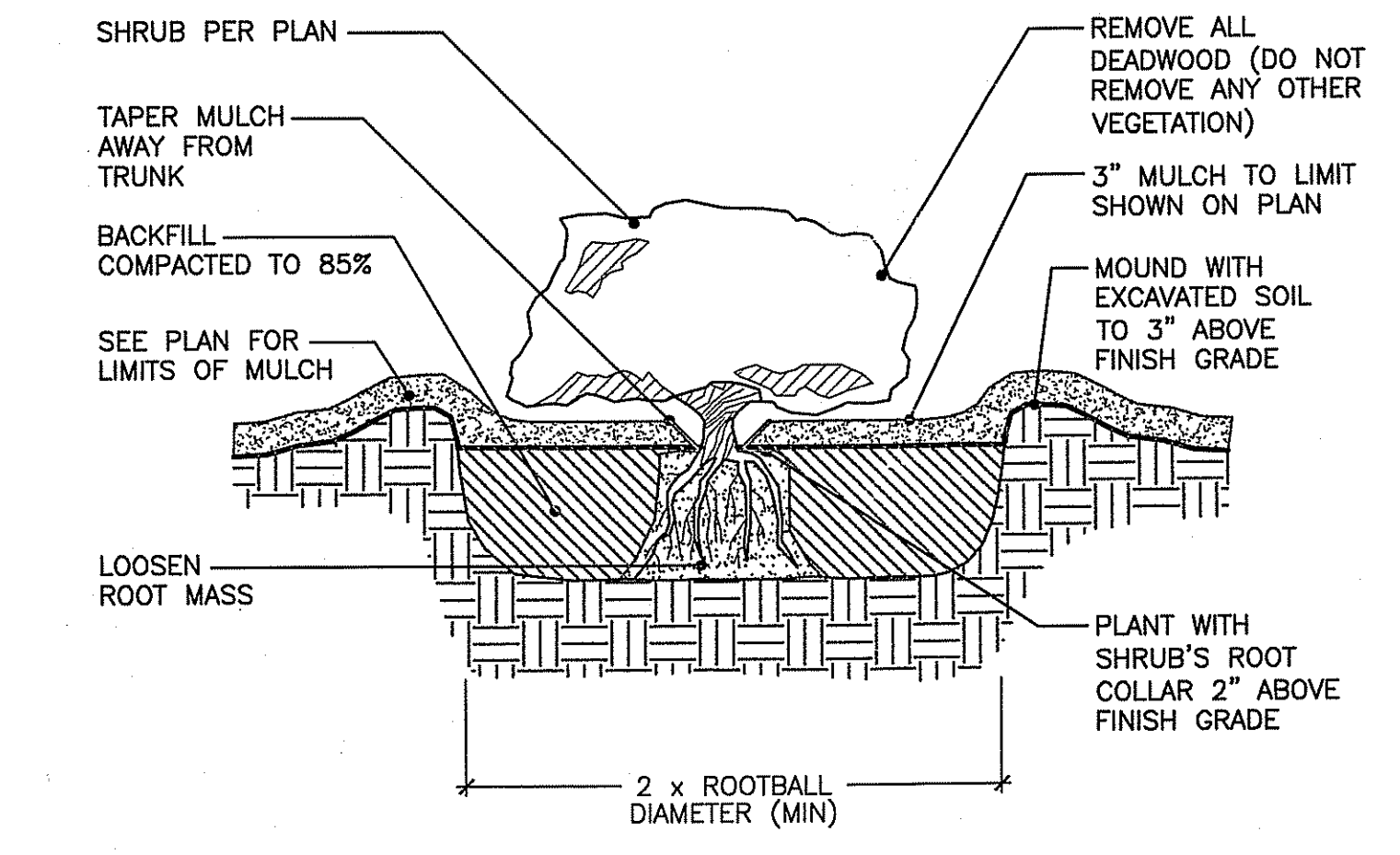
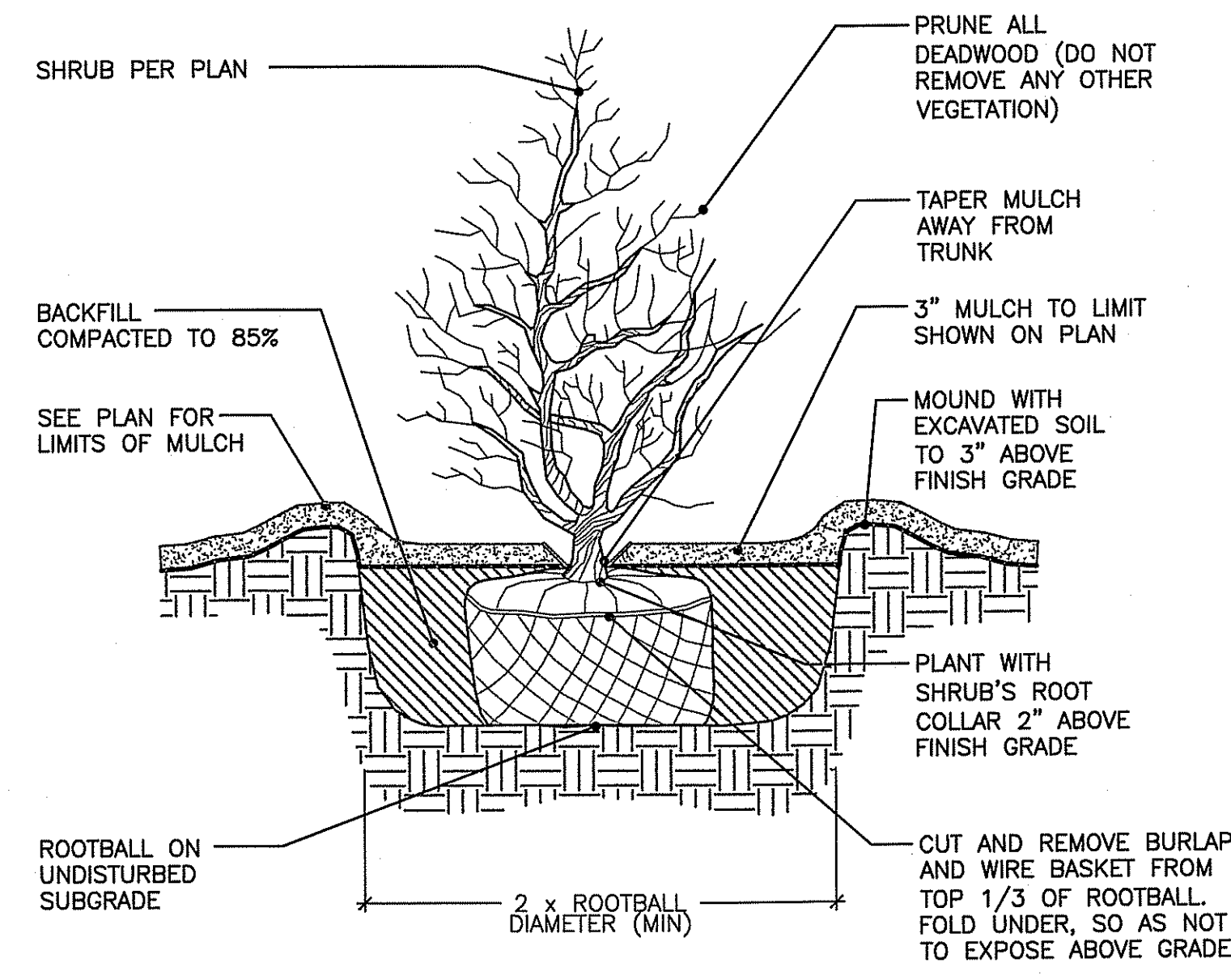
NOTE:
1. AFTER THE GUARANTEE PERIOD THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF STAKES AND GUY WEBBING.



GUYING DETAIL NOT TO SCALE

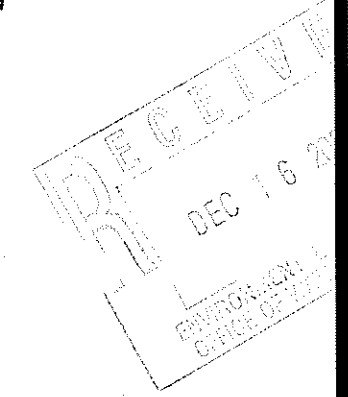


NOTE:
1. AFTER THE GUARANTEE PERIOD THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF STAKES AND GUY WEBBING.



NOTE: LOCATE BEDLINE AS SHOWN ON PLAN

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 10 2008 FILE # 08-0351
NO CHANGES ALLOWED WITHOUT FRESHWATER WETLANDS PROGRAM
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Charles H. Herbert



STEVEN M. CABRAL
No. 12708 4847
REGISTERED PROFESSIONAL ENGINEER
(Civil 17194)

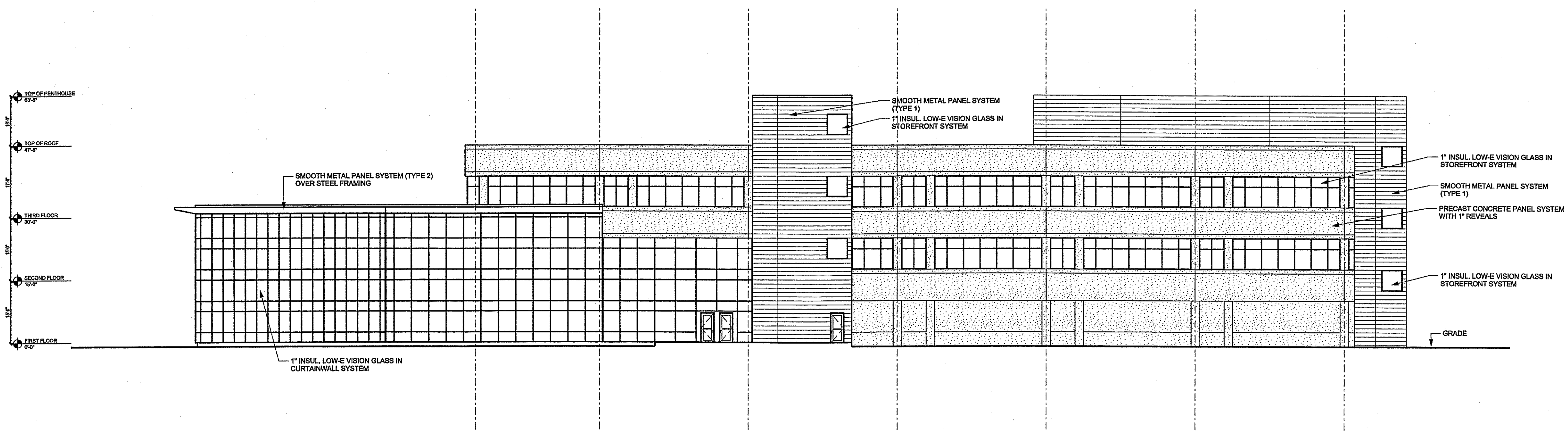
Revisions:	Job No: C-1754
1 11/03/08 RIDEM SUBMISSION	Dwg No: SCHEMATIC
2 12/10/08 RIDEM COMMENTS	Drawn: SDMB
	Checked: MBRC
	Issued: 10-16-08

Gates, Leighton & Associates, Inc.
LANDSCAPE ARCHITECTURE
885-A Waterman Avenue, East Providence, Rhode Island 02914
Phone: (401) 438-5071 Fax: (401) 438-7511 Website: gla.com

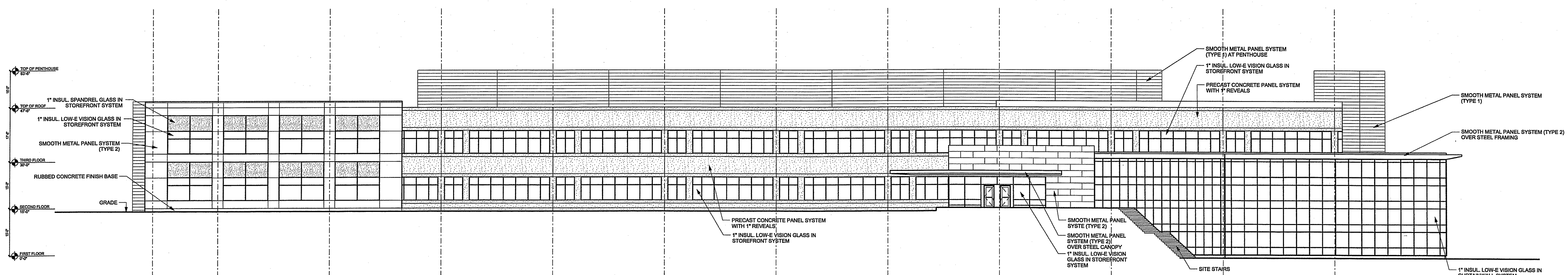
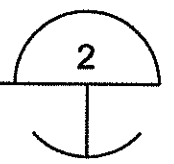
GLA
Planting Details
CVS - Customer Support Center
Highland Corporate Drive
Cumberland, Rhode Island

RIDEM
WETLAND SUBMISSION
THIS DRAWING IS THE PROPERTY OF THE LANDSCAPE ARCHITECT. ANY UNAUTHORIZED USE OF THIS DRAWING WITHOUT WRITTEN PERMISSION IS PROHIBITED.
Sheet 25 of 27

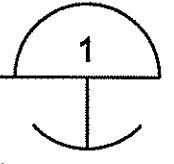
L1.7



Right Side Elevation
SCALE: 1/16" = 1'-0"



Front Elevation
SCALE: 1/16" = 1'-0"



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **DEC 31 2008** FILE # **08-0351**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Charles A. Herbert

CVS Caremark Corporation
Office Building
Lot 3
Highland Corporate Office Park
Cumberland, RI 02865

CVS CAREMARK
Woonsocket, RI; Cumberland, RI;
Smithfield, RI; Lincoln, RI

RIDEM
Wetland Submission

drawing by:	BOC / KB / JP / AD	
drawing checked by:	NAM / BOC	
drawing scale:	As Noted	
drawing date:	16 October 2008	
drawing revisions:		
project number:	08020.00	
rev.	description	date
1	RIDEM SUBMISSION	11/03/08
2	RIDEM COMMENTS	12/10/08

STEVEN M. CABRAL
No. *[Signature]* A847
12-11-08
REGISTERED PROFESSIONAL ENGINEER
(Civil/Process)

Exterior Elevations

A-201
SHEET: 26 OF 27

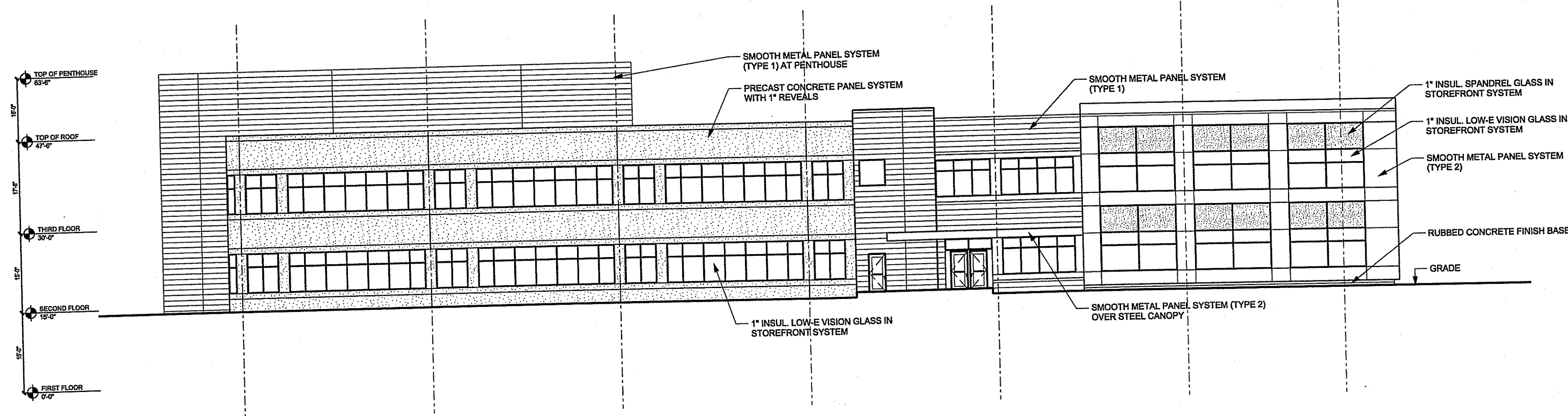
CVS Caremark Corporation
Office Building

Lot 3

Highland Corporate Office Park
Cumberland, RI 02865

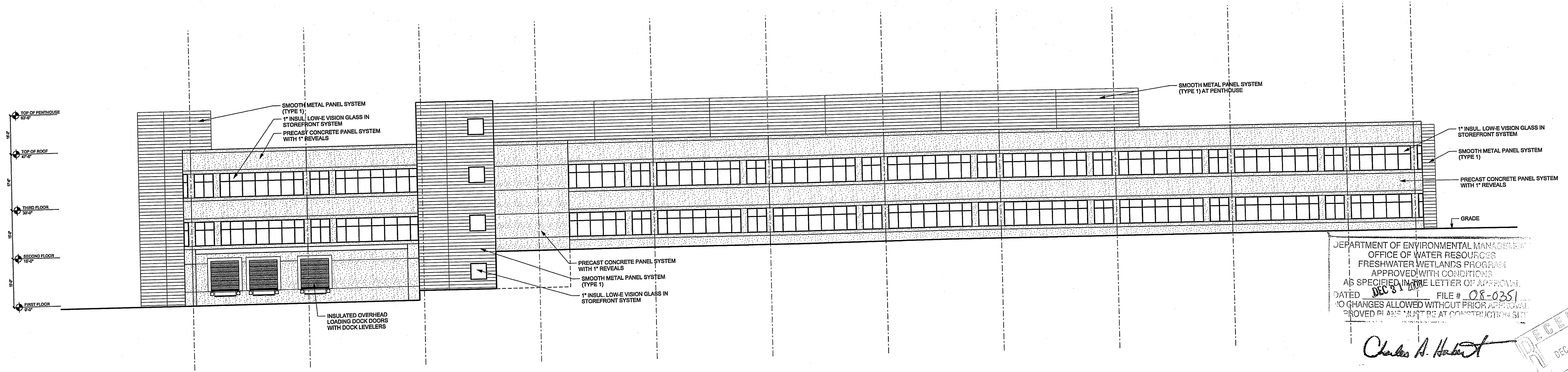
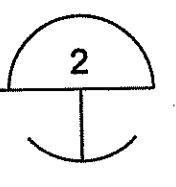
**CVS
CAREMARK**

Woonsocket, RI; Cumberland, RI;
Smithfield, RI; Lincoln, RI



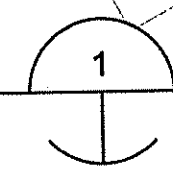
Left Side Elevation

SCALE: 1/16" = 1'-0"



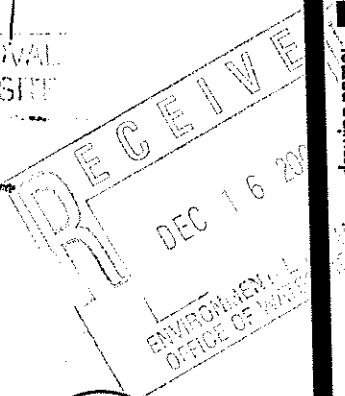
Rear Elevation

SCALE: 1/16" = 1'-0"



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 8 2008 FILE # 08-0351
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
PROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hurd



Exterior Elevations

A-202

SHEET: 27 OF 27