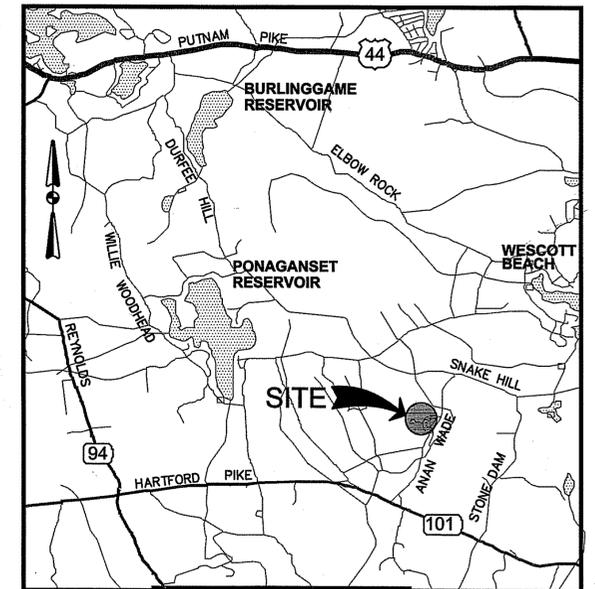


SITE PLANS
FOR
PROPOSED PONAGANSET
HIGH SCHOOL IMPROVEMENTS
ASSESSOR'S PLAT 9, LOTS 28 & 29
137 ANAN WADE ROAD
GLOCESTER, RHODE ISLAND



LOCATION MAP
NOT TO SCALE

INDEX OF DRAWINGS

PLAN	DRAWING NO.
COVER SHEET	1
GENERAL NOTES AND LEGEND	C-1
EXISTING CONDITIONS PLAN	C-2
DEMOLITION PLAN	C-3
SITE LAYOUT PLAN	C-4
GRADING AND DRAINAGE PLAN	C-5
BIO-MASS SITE LAYOUT PLAN	C-6
BIO-MASS GRADING AND UTILITY PLAN	C-7
LANDSCAPE PLAN	C-8
SOIL EROSION AND SEDIMENT CONTROL PLAN	C-9
CROSS SECTIONS	C-10
SEPTIC SYSTEM DETAILS PLAN	C-11
MISCELLANEOUS DETAILS PLAN NO. 1	C-12
MISCELLANEOUS DETAILS PLAN NO. 2	C-13
LANDSCAPE DETAILS	C-14
SITE LIGHTING PLAN	E-1

OWNER:

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CHEPACHET, RHODE ISLAND 02814
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Fax: (401) 568-9184

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 - Transportation
 - Environmental
 - Site Planning
 - Land Surveying

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

APPLICANT:

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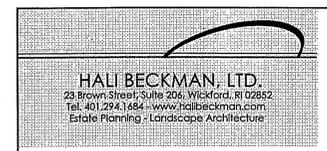


AHARONIAN & ASSOCIATES INC.
ARCHITECTS

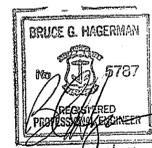
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LANDSCAPE ARCHITECTS:



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 Estate Planning - Landscape Architecture



OCTOBER 19, 2007
SHEET 1 OF 16

RIDEM SUBMISSION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 FILE # **SR-0112**
 DATED **JUL 23 2008**
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

REVISIONS:

NO.:	DATE:	DESCRIPTION:
1	1/3/08	PLANNING BOARD COMMENTS
2	1/14/08	BUILDING COMMITTEE COMMENTS
3	1/22/08	PLANNING BOARD RESUBMISSION
4	2/11/08	PLANNING BOARD COMMENTS
5	3/31/08	RIDEM SUBMISSION

Charles A. Hagerman

GENERAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COORDINATION. UTILITIES INVOLVED INCLUDE:
VERIZON
NARRAGANSETT ELECTRIC CO. (NATIONAL GRID)
GLOUCESTER PUBLIC WORKS
COX COMMUNICATIONS
- ALL CATCH BASIN RIM ELEVATIONS SHALL BE SET FLUSH WITH GUTTER GRADE. EXACT ELEVATIONS SHALL BE DETERMINED IN FIELD.
- ALL MANHOLE RIM ELEVATIONS ARE TO BE SET IN THE FIELD AT PROPOSED SURFACE LEVEL.
- DRAIN LINES SHALL BE REINFORCED CONCRETE PIPE (RCP) CL. IV WITH MORTAR JOINTS, SOLID "ADS" N-12 SMOOTH INTERIOR HIGH DENSITY POLYETHYLENE CORRUGATED PIPE WITH WATERTIGHT JOINTS/FITTINGS, OR AS NOTED ON THE PLANS.
- ANY DAMAGED OR DETERIORATED EXISTING PIPE/STRUCTURE SHALL BE REPLACED IN KIND AND MATCH EXISTING HORIZONTAL AND VERTICAL LAYOUT.
- ALL PAVEMENT MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," (M.U.T.C.D.), LATEST EDITION.
- CROSSMAN ENGINEERING, INC. HAS NOT BEEN RETAINED TO OVERSEE CONSTRUCTION. THEREFORE, SHALL NOT BE RESPONSIBLE IN ANY WAY FOR CONSTRUCTION OPERATIONS, OR ANY ACTIONS OR OMISSIONS OF THE CONTRACTOR, ANY SUBCONTRACTORS, THEIR AGENTS OR EMPLOYEES. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE CONDITIONS OF ALL PERMITS, SPECIFICATIONS, AS WELL AS FEDERAL, STATE AND LOCAL REGULATIONS ARE STRICTLY ENFORCED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL ASPECTS OF ON-SITE SAFETY.
- ALL STUMPS AND ROOTS ARE TO BE REMOVED AND DISPOSED IN ACCORDANCE WITH STATE, FEDERAL AND LOCAL REGULATIONS.
- EMBANKMENT SLOPES AND ALL DISTURBED AREAS ARE TO RECEIVE 4" LOAM AND SEED, UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING DRAINAGE & UTILITIES, BOTH UNDERGROUND AND OVERHEAD, BEFORE EXCAVATION BEGINS IN ACCORDANCE WITH DIS 546 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 BE APPLICABLE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- 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 "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (M.U.T.C.D.), LATEST EDITION.
- ALL REQUIRED AUTHORIZATION TO PERFORM WORK MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- THE DRAINAGE SYSTEM SHALL BE CLEANED BY THE CONTRACTOR PRIOR TO ACCEPTANCE OF THE PROJECT AT NO ADDITIONAL COST.
- FOR ALL EXCAVATION AND PLACEMENT OF FILL, THE CONTRACTOR SHALL PERFORM THE WORK IN FULL COMPLIANCE WITH THE RHODE ISLAND STANDARD SPECIFICATION SECTION 202.
- IN ADDITION TO THE CONTRACT DOCUMENT, SPECIFICATIONS TO GOVERN THIS PROJECT ARE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION INCLUDING ALL REVISIONS AND SUPPLEMENTAL SPECIFICATIONS. STANDARD DETAILS FOR THIS PROJECT ARE RHODE ISLAND STANDARD DETAILS. PROJECT SPECIFIC SPECIFICATIONS AND DETAILS SHOWN ON THE DESIGN PLANS SHALL SUPERCEDE THE RIDOT SPECIFICATIONS AND DETAILS.
- WORK SHOWN ON THE PLANS FOR WHICH THERE ARE NO PARTICULAR DETAILS, "CALL-OUT", OR SPECIFICATIONS DOES NOT RELIEVE THE CONTRACTOR FROM FURNISHING 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.
- FOR ALL CATCH BASINS, AN ALTERNATE TOP SLAB SHALL BE USED WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH OR FOR DOUBLE GRATE OPENINGS.
- ALL DISTURBED AREAS SHALL BE REPLACED IN KIND UNLESS OTHERWISE SHOWN.
- THE SITE PLANS REPRESENT THE GENERAL SITE LAYOUT AND CONSTRUCTION REQUIREMENTS AND DOES NOT REPRESENT ALL DETAILS AND SPECIFICATIONS NECESSARY FOR CONSTRUCTION. REFER TO THE CONTRACT DOCUMENTS AND SUPPLEMENTAL SPECIFICATIONS.
- ASPHALT EMULSION TACK COAT SHALL BE PLACED PRIOR TO INSTALLING PAVEMENT ON ANY COURSE WHICH HAS BEEN OPEN TO TRAFFIC OR ANY NEW COURSE WHICH HAS BEEN EXPOSED FOR MORE THAN 3 DAYS. IT SHALL ALSO BE APPLIED TO VERTICAL PAVEMENT FACES BETWEEN ADJOINING PAVEMENT SECTIONS.
- ALL EXCESS TOPSOIL SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE STOCKPILED BY THE CONTRACTOR AT LOCATIONS DIRECTED BY THE OWNER.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON SITE AND SHALL IMMEDIATELY REPORT ANY DISCREPANCIES OR DEVIATIONS FROM THE CONSTRUCTION PLANS TO THE ARCHITECT AND ENGINEER. THE CONTRACTOR SHALL ALSO REPORT ANY CONDITIONS UNCOVERED IN THE WORK THAT ARE NOT REFLECTED WITHIN THE PLANS.
- THE CONTRACTOR SHALL, UNDER THE DIRECTION OF THE OWNER, ESTABLISH CONSTRUCTION LIMITS ON THE SITE BY ACCEPTABLE VISIBLE MARKERS PLACED AT EYE LEVEL. ALL WORK AND EQUIPMENT SHALL BE CONFINED TO WITHIN THESE LIMITS. THE CONTRACTOR SHALL REMOVE ALL MARKERS WHEN DIRECTED BY OWNER.
- THE SITE SHALL BE "ROUGH GRADED" TO THE ELEVATIONS AND CONTOURS SET FORTH ON THE PLANS, ALLOWING FOR GRAVEL, LOAMING AND FINAL GRADING.
- THE CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING LOAM FROM THOSE AREAS THAT ARE TO BE EXCAVATED OR FILLED AND TO WITHIN THE PROJECT LIMITS. STOCKPILED LOAM SHALL NOT BE MIXED WITH ANY SUBSOIL OR OTHER UNSUITABLE MATERIAL UNLESS DIRECTED BY OWNER. ALL EXCESS SOIL REMAINS THE PROPERTY OF THE OWNER. GARTH EXCAVATION SHALL BE LIMITED TO THE DIMENSIONS AND REQUIREMENTS SHOWN ON THE DRAWINGS.
- THE INTENTION OF THE OWNER IS TO MAINTAIN THE BOUNDARIES OF THE SITE IN ITS EXISTING CONDITION AND THEREFORE THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFINING THE WORK TO WITHIN THE CONSTRUCTION LIMITS.
- ALL EXISTING VEGETATION (TREES, SHRUBS, GRASSES, ETC.) TO REMAIN SHALL BE PROTECTED FROM INJURY. INDIVIDUAL TREES AND SHRUBS TO BE SAVED WITHIN THE DESIGNATED WORK AREA SHALL BE ADEQUATELY PROTECTED BY THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE ALL PROTECTIVE BARRIERS AS DIRECTED BY THE OWNER.
- ALL EXISTING GRASSED AREAS NOT ADEQUATELY PROTECTED AND THEREFORE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL WETLANDS, CITY/TOWN, AND STATE REGULATIONS AND PERMITS.

DRAINAGE SYSTEM MAINTENANCE SCHEDULE

UPON PROJECT COMPLETION, THE SITE OWNER SHALL ADHERE TO THE FOLLOWING MAINTENANCE RECOMMENDATIONS:

- INSPECTIONS:
AN INSPECTION MUST OCCUR ON AN ANNUAL BASIS BY QUALIFIED PERSONNEL TO ENSURE PROPER OPERATION. THE INSPECTION SHOULD CONCENTRATE ON THE FOLLOWING:
• EROSION
• OUTLET CONDITION
• SEDIMENT ACCUMULATION
• SLOPE STABILITY
ANY DEFICIENCY NOTED DURING THE INSPECTION WILL BE IMMEDIATELY REPAIRED OR REPLACED.

- SEDIMENT REMOVAL:
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.

- CATCH BASINS, MANHOLES AND DRAIN LINES:
AN INSPECTION MUST OCCUR ON AN ANNUAL BASIS BY QUALIFIED PERSONNEL TO ENSURE PROPER OPERATION. THE INSPECTION SHOULD, AS A MINIMUM, CONCENTRATE ON THE FOLLOWING:
• DAMAGE TO GRATE/COVER
• EVIDENCE OF STANDING WATER
• DEBRIS REMOVAL
• STRUCTURAL ALIGNMENT/INTEGRITY
ANY DEFICIENCY NOTED DURING THE INSPECTION WILL BE IMMEDIATELY REPAIRED OR REPLACED. CATCHBASINS SHALL BE CLEANED ANNUALLY.

FLOOD ZONE DATA:

THESE PREMISES ARE SITUATED IN FLOOD ZONE "X" DEFINED AS "AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN" AS DETERMINED ON "FIRM FLOOD INSURANCE RATE MAP," TOWN OF GLOUCESTER, RHODE ISLAND PROVIDENCE COUNTY PANEL 10 OF 15 COMMUNITY-PANEL NUMBER 440034 0010 C MAP REVISED: MARCH 3, 1992 FEDERAL EMERGENCY MANAGEMENT AGENCY.

DEMOLITION NOTES:

- CONTRACTOR SHALL OBTAIN ALL LOCAL AND STATE DEMOLITION RELATED PERMITS.
- CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK ON-SITE.

GENERAL LEGEND

- 1.1.0 CONCRETE CONNECTING COLLAR, R.I. STD. 1.1.0
- 6.2.1 HEAVY DUTY ROUND FRAME AND COVER, R.I. STD. 6.2.1
- 7.1.0 PRECAST CONCRETE CURB VERTICAL FACE, R.I. STD. 7.1.0
- 7.1.1 3'-0" PRECAST CONCRETE TRANSITION CURB, R.I. STD. 7.1.1
- 7.1.4 PRECAST CONCRETE 2'-0" RADIUS CORNER, R.I. STD. 7.1.4
- 7.2.4 PRECAST CONCRETE CAR STOPS, R.I. STD. 7.2.4
- 7.5.1 BITUMINOUS BERM, R.I. STD. 7.5.1
- 8.4.0 PAVED WATERWAY, R.I. STD. 8.4.0
- 43.1.0 CEMENT CONCRETE SIDEWALK, SEE DETAIL
- 43.3.0 WHEELCHAIR RAMP, SEE DETAIL
- 43.4.0 DRIVEWAY DEVELOPMENT FOR 3'-0" TRANSITION CURB, R.I. STD. 43.4.0
- 43.5.0 CEMENT CONCRETE DRIVEWAYS, R.I. STD. 43.5.0
- 51.1.0 TREE PROTECTION DEVICE
- A 2" BITUMINOUS SURFACE COURSE, TYPE I-1
- ASPHALT EMULSION TACK COAT
- 2" BITUMINOUS BINDER COURSE
- 12" GRAVEL BORROW SUBBASE COURSE
- ADJUST CATCH BASIN TO MANHOLE (SEE DETAIL)
- ADJUST SANITARY MANHOLE TO GRADE
- AS CLEAR AND GRUB
- CLF (X) CHAIN LINK FENCE (HEIGHT)
- CC REMOVE AND DISPOSE CONCRETE CURB
- DCB REMOVE AND DISPOSE CATCH BASIN
- DF REMOVE AND DISPOSE FENCE
- DFF REMOVE AND DISPOSE FLEXIBLE PAVEMENT
- DP REMOVE AND DISPOSE PIPE
- DSM REMOVE AND DISPOSE SIDEWALK
- DT REMOVE AND DISPOSE TREE AND STUMP
- HPS HANDICAP PARKING STALLS (SEE DETAILS)
- LS LOAM AND SEED (SEE LANDSCAPE DETAILS)
- R&D REMOVE AND DISPOSE
- R&R REMOVE AND RESET
- RPV REMOVE PAVEMENT MARKINGS

TYPICAL PAVEMENT STRIPING LEGEND

- CH 12 INCH EPOXY RESIN CROSSWALK, WHITE
- W 4 INCH EPOXY RESIN PAVEMENT MARKINGS, WHITE
- ST 12 INCH EPOXY RESIN STOP BAR, WHITE
- Y 4 INCH EPOXY RESIN PAVEMENT MARKINGS, YELLOW
- DY 4 INCH EPOXY RESIN PAVEMENT MARKINGS, DOUBLE YELLOW

TYPICAL SIGN DESIGNATION SYMBOL



M.U.T.C.D. SIGN NO. R1-1 (30"x30")

LEGEND "STOP"

ABBREVIATIONS

- RCP - REINFORCED CONCRETE PIPE
- CPP - CORRUGATED POLYETHYLENE PIPE
- DIP - DUCTILE IRON PIPE
- PVC - POLYVINYL CHLORIDE PIPE
- FE - FLARED END SECTION
- NCSA - NATIONAL CRUSHED STONE ASSOCIATION
- RIDOT - RHODE ISLAND DEPARTMENT OF TRANSPORTATION
- RIDEM - RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
- G.B. Fnd. - GRANITE BOUND FOUND
- TYP. - TYPICAL
- MIN. - MINIMUM
- MAX. - MAXIMUM
- Rm - RADIUS
- S - SLOPE
- INV. - INVERT
- S.F. - SQUARE FOOT
- Ac. - ACRES
- C.F. - CUBIC FEET
- C.Y. - CUBIC YARDS
- R&D - REMOVE AND DISPOSE
- EXIST. - EXISTING
- S.Y. - SQUARE YARD
- DIA. - DIAMETER
- M.J. - MECHANICAL JOINT
- O.C. - ON CENTER
- STD. - STANDARD
- GALV. - GALVANIZED
- HDW - CONCRETE HEADWALL
- FDC - FIRE DEPT. CONNECTION

ISDS NOTES:

- ALL PVC GRAVITY FLOW PIPING TO BE SCHEDULE 40 (WATER TIGHT JOINTS) UNLESS OTHERWISE SHOWN.
- THE LICENSED INSTALLER MUST FOLLOW ALL R.I.D.E.M. "RULES AND REGULATIONS ESTABLISHING MINIMUM STANDARDS RELATING TO LOCATION, DESIGN, CONSTRUCTION AND MAINTENANCE OF INDIVIDUAL SEWAGE DISPOSAL SYSTEMS."
- ALL DISTURBED AREAS ARE TO RECEIVE 4" OF LOAM & SEED, UNLESS OTHERWISE NOTED.
- ALL ACCESS MANHOLE COVERS, FRAMES, RIMS AND RISERS SHALL HAVE A DESIGN LOAD OF H-20.
- THE CONTRACTOR SHALL ADHERE TO THE SYSTEM DESIGNER'S RECOMMENDATIONS DURING THE CONSTRUCTION PROCESS AND CONFORM TO THE DESIGN PLANS AND/OR R.I.D.E.M. REGULATIONS, AT NO ADDITIONAL COST TO THE OWNER.
- THE SEPTIC TANK, PUMPING TANK AND ASSOCIATED MANHOLES SHALL HAVE A DESIGN LOAD OF H-20.
- THE SITE IS WITHIN THE WATERSHED OF A PUBLIC WATER SUPPLY (SCITUATE RESERVOIR).
- CONCRETE ANTI-FLOTATION COLLARS ARE TO BE PROVIDED ON ALL TANKS.
- THERE ARE NO PUBLIC SEWERS WITHIN 200' OF THE SITE.
- ALL WETLANDS, WELLS AND DRAINS WITHIN 200' OF CONSTRUCTION ARE SHOWN.
- THERE ARE NO PUBLIC WELLS WITHIN 500' OF PROPOSED SEWER CONSTRUCTION.

EXISTING



PLAN SYMBOLS

- SPOT GRADE
- CONTOUR
- CATCH BASIN
- MANHOLE
- SEWER MANHOLE
- DRAINAGE MANHOLE
- CURB INLET
- ELECTRIC METER
- ELECTRIC HANDHOLE
- LIGHT POLE
- UTILITY POLE
- GUY WIRE
- DRAIN LINE
- SEWER LINE
- WATER LINE
- OVERHEAD WIRE
- UNDERGROUND ELECTRIC
- CHAIN LINK FENCE
- STONE WALL
- TREES
- ROCK/BOULDER
- TREELINE
- SIGN
- LUMINAIRE
- PROPERTY LINE
- ROOF DRAIN
- SAWCUT & MATCH PAVEMENT
- CURB OR BERM
- WATER MAIN
- WATER GATE
- FIRE HYDRANT
- DIRECTIONAL TRAFFIC FLOW ARROWS
- ASSESSORS PLAT NO./LOT NO.
- TEST HOLES
- BOTTOM OF CURB
- TOP OF CURB
- GRADE TO DRAIN
- BUILDING
- WETLAND EDGE
- SILT FENCE (R.I. STD. 9.2.0)

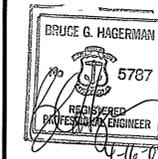
PROPOSED



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Email: ce@crossmaneng.com



APR 16 2008

NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/9/08
2	BUILDING COMMITTEE COMMENTS	1/14/08
3	PLANNING BOARD REVISIONS	1/21/08
4	PLANNING BOARD COMMENTS	2/11/08
5	RIDEM SUBMISSION	2/27/08

RIDEM SUBMISSION
PROJECT TITLE
PROPOSED HIGH SCHOOL IMPROVEMENTS
A.P. 9, LOTS 28 & 29
137 ANAN WADE ROAD
GLOUCESTER, RHODE ISLAND
02857

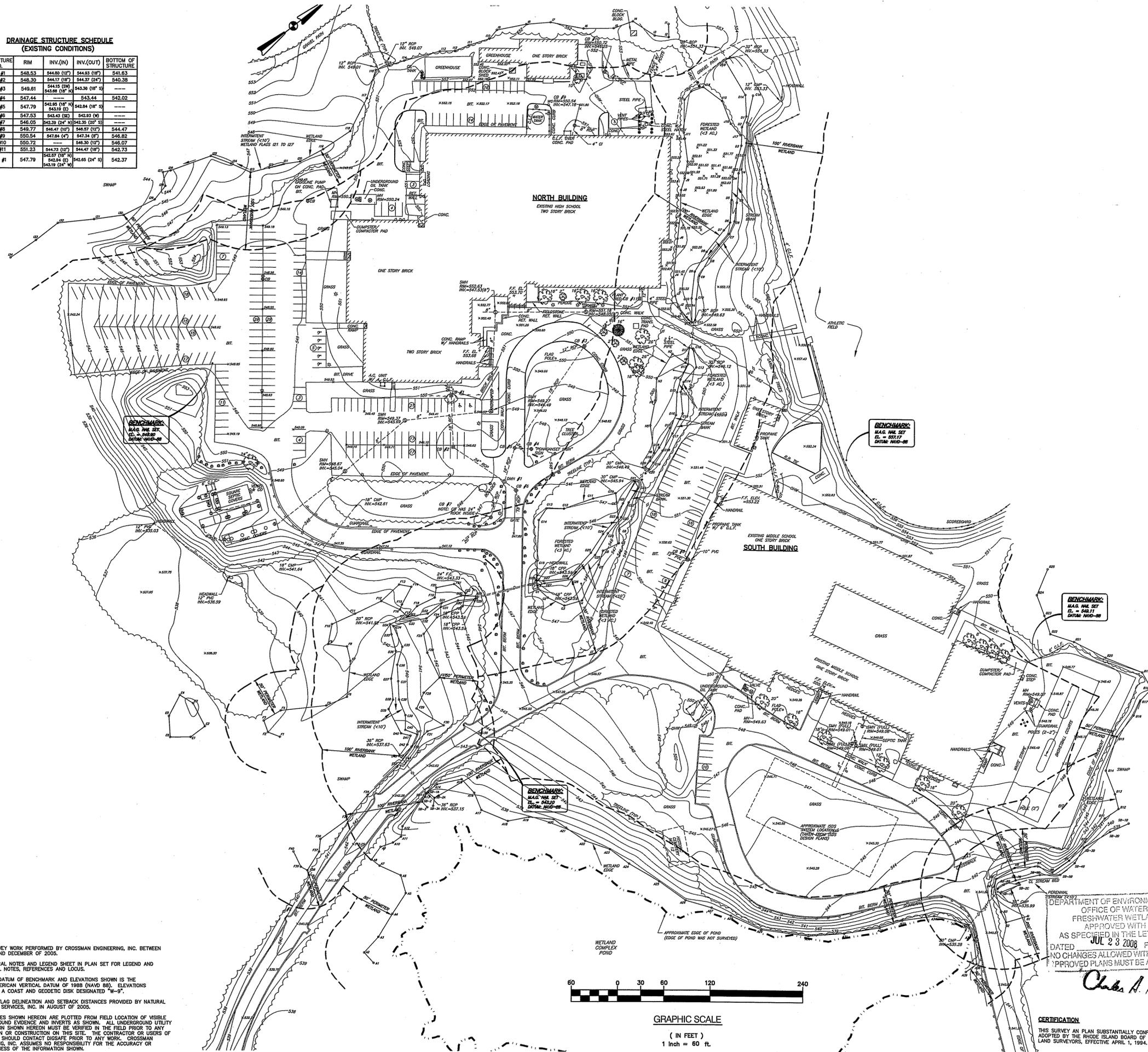
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 23 2008 FILE # 08-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hagerman

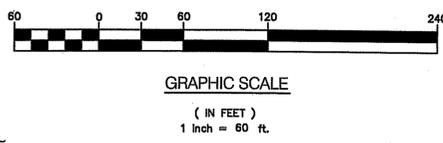
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OCT. 19, 2007	1183.10
DRAWN BY	CHECKED BY
DRAWING NUMBER	

**DRAINAGE STRUCTURE SCHEDULE
(EXISTING CONDITIONS)**

STRUCTURE NO.	RIM	INV.(IN)	INV.(OUT)	BOTTOM OF STRUCTURE
CB #1	548.53	544.80 (12")	544.83 (18")	541.63
CB #2	548.30	544.17 (18")	544.37 (24")	540.38
CB #3	549.61	544.19 (30")	543.36 (18" S)	---
CB #4	547.44	---	543.44	542.02
CB #5	547.78	542.83 (18" W)	542.84 (18" S)	---
CB #6	547.53	543.43 (24")	542.83 (W)	---
CB #7	546.05	542.39 (24" N)	542.39 (20" S)	---
CB #8	549.77	546.47 (10")	549.57 (12")	544.47
CB #9	550.54	547.84 (4")	547.24 (12")	548.32
CB #10	550.72	---	546.30 (12")	546.07
CB #11	551.23	544.73 (18")	544.47 (18")	542.73
DMH #1	547.78	542.87 (18" W)	543.94 (12" S)	542.37



- NOTES**
- FIELD SURVEY WORK PERFORMED BY CROSSMAN ENGINEERING, INC. BETWEEN AUGUST AND DECEMBER OF 2005.
 - SEE GENERAL NOTES AND LEGEND SHEET IN PLAN SET FOR LEGEND AND ADDITIONAL NOTES, REFERENCES AND LOCUS.
 - VERTICAL DATUM OF BENCHMARK AND ELEVATIONS SHOWN IS THE NORTH AMERICAN VERTICAL DATUM OF 1985 (NAVD 85). ELEVATIONS BASED ON A COAST AND GEODETIC DISK DESIGNATED "W-2".
 - WETLAND FLAG DELINEATION AND SETBACK DISTANCES PROVIDED BY NATURAL RESOURCE SERVICES, INC. IN AUGUST OF 2005.
 - THE UTILITIES SHOWN HEREON ARE PLOTTED FROM FIELD LOCATION OF VISIBLE ABOVE GROUND EVIDENCE AND INVERTS AS SHOWN. ALL UNDERGROUND UTILITY INFORMATION SHOWN HEREON MUST BE VERIFIED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ON THIS SITE. THE CONTRACTOR OR USERS OF THIS PLAN SHOULD CONTACT DISAEE PRIOR TO ANY WORK. CROSSMAN ENGINEERING, INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 23 2008 FILE # 08-0118
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hagerman

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BRUCE G. HAGERMAN
5787
REGISTERED PROFESSIONAL ENGINEER
4-16-08

REVISIONS

NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/2/08
2	BUILDING COMMITTEE COMMENTS	1/14/08
3	PLANNING BOARD REVISIONS	1/28/08
4	PLANNING BOARD COMMENTS	2/11/08
5	RIDEM DETERMINATION	2/21/08

RIDEM SUBMISSION

PROPOSED HIGH SCHOOL IMPROVEMENTS

A.P. 9, LOTS 28 & 29
137 ANAN WADE ROAD
GLOCESTER, RHODE ISLAND
02857

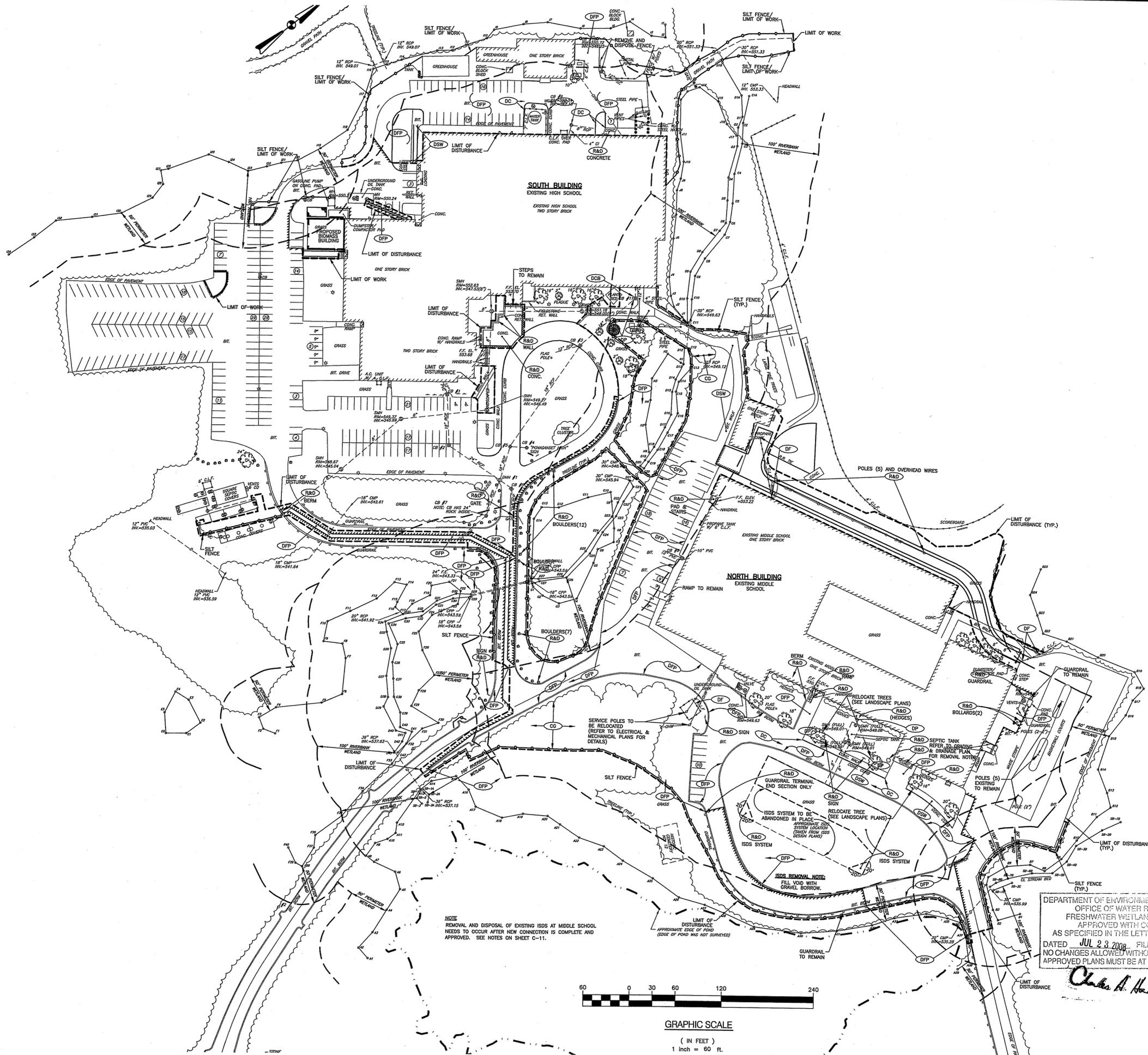
EXISTING CONDITIONS PLAN

DATE OCT. 19, 2007 PROJ. NO. 1183.10
DRAWN BY CHECKED BY
DRAWING NUMBER C-2
SHEET 3 OF 16

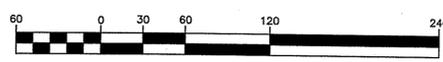
CERTIFICATION

THIS SURVEY PLAN SUBSTANTIALLY CONFORMS TO A CLASS 3 STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS, EFFECTIVE APRIL 1, 1994.

PROFESSIONAL LAND SURVEYOR REG. NO. DATE



NOTE
REMOVAL AND DISPOSAL OF EXISTING ISDS AT MIDDLE SCHOOL
NEEDS TO OCCUR AFTER NEW CONNECTION IS COMPLETE AND
APPROVED. SEE NOTES ON SHEET C-11.



GRAPHIC SCALE
(IN FEET)
1 inch = 60 ft.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 23 2008. FILE # CR-0117
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hagerman

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BRUCE G. HAGERMAN
5787
REGISTERED PROFESSIONAL ENGINEER

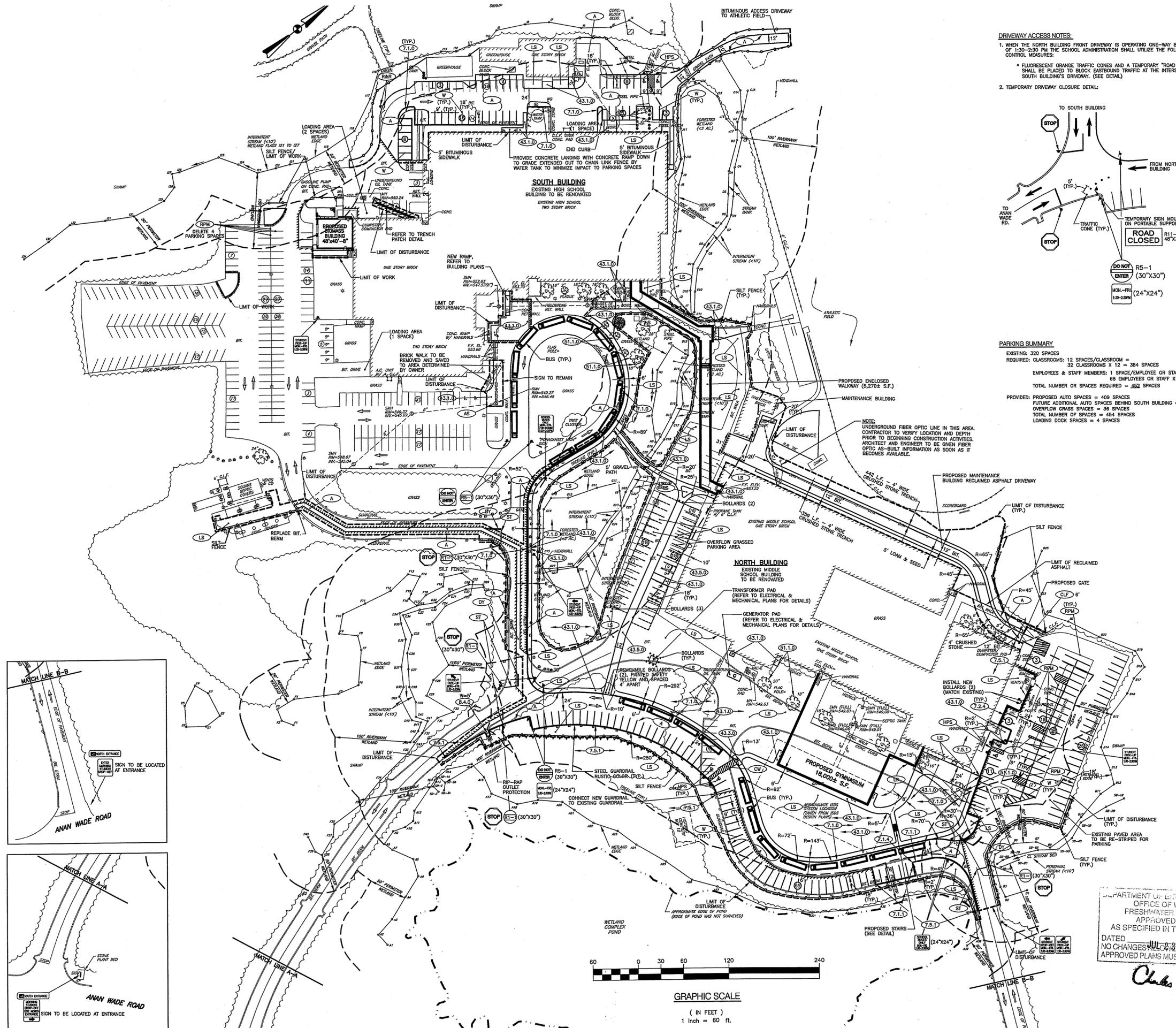
REVISION NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/2/08
2	BUILDING COMMITTEE COMMENTS	1/11/08
3	PLANNING BOARD RECOMMENDATION	1/28/08
4	PLANNING BOARD COMMENTS	2/11/08
5	RIDEM SUBMISSION	2/25/08

RIDEM SUBMISSION

PROPOSED HIGH SCHOOL IMPROVEMENTS

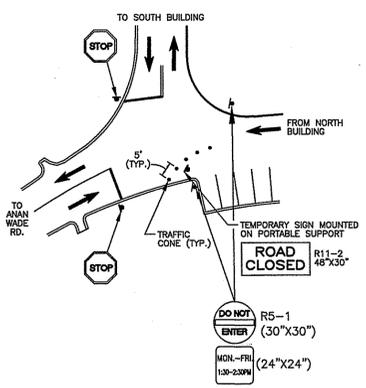
A.P. 9, LOTS 28 & 29
137 ANAN WADE ROAD
GLOCESTER, RHODE ISLAND
02857

DRAWING TITLE	
DEMOLITION PLAN	
DATE OCT. 19, 2007	PROJ. NO. 1183.10
DRAWN BY A.C.	CHECKED BY
DRAWING NUMBER C-3	
SHEET 4 OF 16	



DRIVEWAY ACCESS NOTES:

1. WHEN THE NORTH BUILDING FRONT DRIVEWAY IS OPERATING ONE-WAY BETWEEN THE HOUR OF 1:30-2:30 PM THE SCHOOL ADMINISTRATION SHALL UTILIZE THE FOLLOWING TRAFFIC CONTROL MEASURES:
 - * FLUORESCENT ORANGE TRAFFIC CONES AND A TEMPORARY "ROAD CLOSED" SIGN SHALL BE PLACED TO BLOCK EASTBOUND TRAFFIC AT THE INTERSECTION WITH THE SOUTH BUILDING'S DRIVEWAY. (SEE DETAIL)
2. TEMPORARY DRIVEWAY CLOSURE DETAIL:



PARKING SUMMARY

EXISTING 320 SPACES
 REQUIRED: CLASSROOMS: 12 SPACES/CLASSROOM = 324 SPACES
 EMPLOYEES & STAFF MEMBERS: 1 SPACE/EMPLOYEE OR STAFF MEMBER = 68 SPACES
 TOTAL NUMBER OF SPACES REQUIRED = 392 SPACES

PROVIDED: PROPOSED AUTO SPACES = 409 SPACES
 FUTURE ADDITIONAL AUTO SPACES BEHIND SOUTH BUILDING = 11 SPACES
 OVERFLOW GRASS SPACES = 36 SPACES
 TOTAL NUMBER OF SPACES = 454 SPACES
 LOADING DOCK SPACES = 4 SPACES

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NUMBER	REVISION	DATE
1	PLANNING BOARD COMMENTS	1/9/08
2	BUILDING QUALITIES COMMENTS	1/14/08
3	PLANNING BOARD REVISIONS	1/28/08
4	PLANNING BOARD COMMENTS	2/11/08
5	RIEM SUBMISSION	2/21/08

RIEM SUBMISSION

PROJECT TITLE: **PROPOSED HIGH SCHOOL IMPROVEMENTS**

APPROVED BY: **DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES**

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

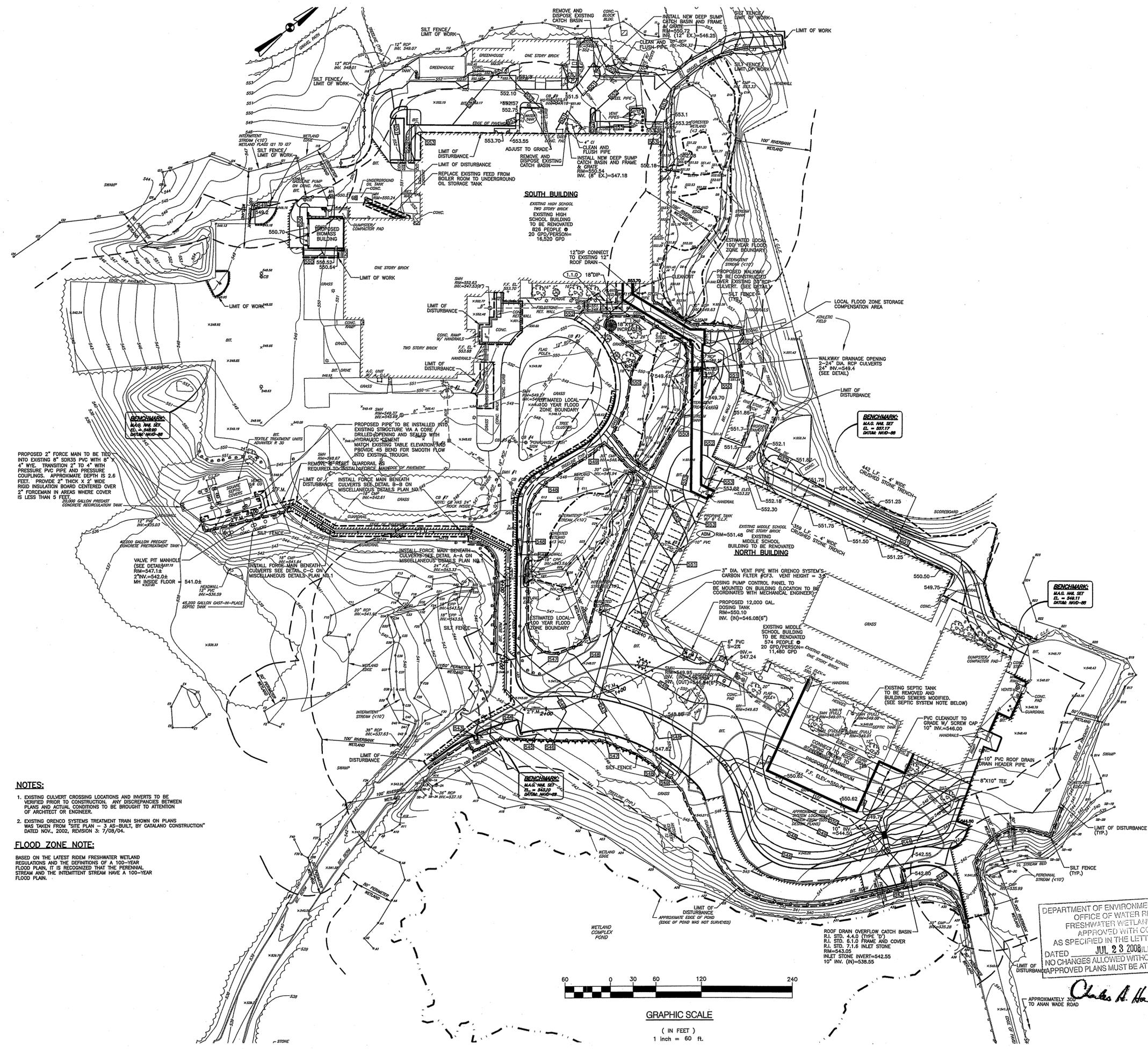
DATED: **JUL 23 2008** FILE # **08-0112**

NO CHANGES WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hagerman

SITE LAYOUT PLAN

DATE: OCT. 19, 2007 PROJ. NO.: 1183.10
 DRAWN BY: CHECKED BY:
 DRAWING NUMBER: **C-4**
 SHEET: 5 OF 16



PROPOSED 2" FORCE MAIN TO BE TIED INTO EXISTING 6" SDR35 PVC WITH 8" 4" WYE. TRANSITION 2" TO 4" WITH PRESSURE PVC PIPE AND PRESSURE COUPLINGS. APPROXIMATE DEPTH IS 2.6 FEET. PROVIDE 2" THICK X 2" WIDE RIGID INSULATION BOARD CENTERED OVER 2" FORCE MAIN IN AREAS WHERE COVER IS LESS THAN 5 FEET.

NOTES:

- EXISTING CULVERT CROSSING LOCATIONS AND INVERTS TO BE VERIFIED PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO BE BROUGHT TO ATTENTION OF ARCHITECT OR ENGINEER.
- EXISTING ORENCO SYSTEMS TREATMENT TRAIN SHOWN ON PLANS WAS TAKEN FROM "SITE PLAN - 3 AS-BUILT, BY CATALANO CONSTRUCTION" DATED NOV., 2002, REVISION 3: 7/08/04.

FLOOD_ZONE NOTE:

BASED ON THE LATEST RIEM FRESHWATER WETLAND REGULATIONS AND THE DEFINITIONS OF A 100-YEAR FLOOD PLAIN, IT IS RECOGNIZED THAT THE PERENNIAL STREAM AND THE INTERMITTENT STREAM HAVE A 100-YEAR FLOOD PLAIN.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
JUL 23 2008 FILE # 08-0117
DATED
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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WASTEWATER SERVICE CONNECTION BY:
TJB ENGINEERING
CIVIL ENGINEERING
PERMITTING • LAND PLANNING
SUBDIVISIONS • WASTEWATER
1050 MAIN STREET SUITE 30
EAST GREENWICH, RI 02818
PHONE: 401-988-1877

BRUCE G. HAGERMAN
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REGISTERED PROFESSIONAL ENGINEER
FOR RIEM FRESHWATER WETLAND PERMITTING ONLY

REVISIONS

NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/9/08
2	BUILDING CONCRETE COMMENTS	1/14/08
3	PLANNING BOARD COMMENTS	1/24/08
4	PLANNING BOARD COMMENTS	2/11/08
5	RUBEN SUBMISSION	2/21/08

RIDEM SUBMISSION

PROJECT TITLE
PROPOSED HIGH SCHOOL IMPROVEMENTS

A.P. 9, LOTS 28 & 29
137 ANAN WADE ROAD
GLOCESTER, RHODE ISLAND
02857

DRAWING TITLE
GRADING AND DRAINAGE PLAN

DATE
OCT. 19, 2007

PROJ. NO.
1183.10

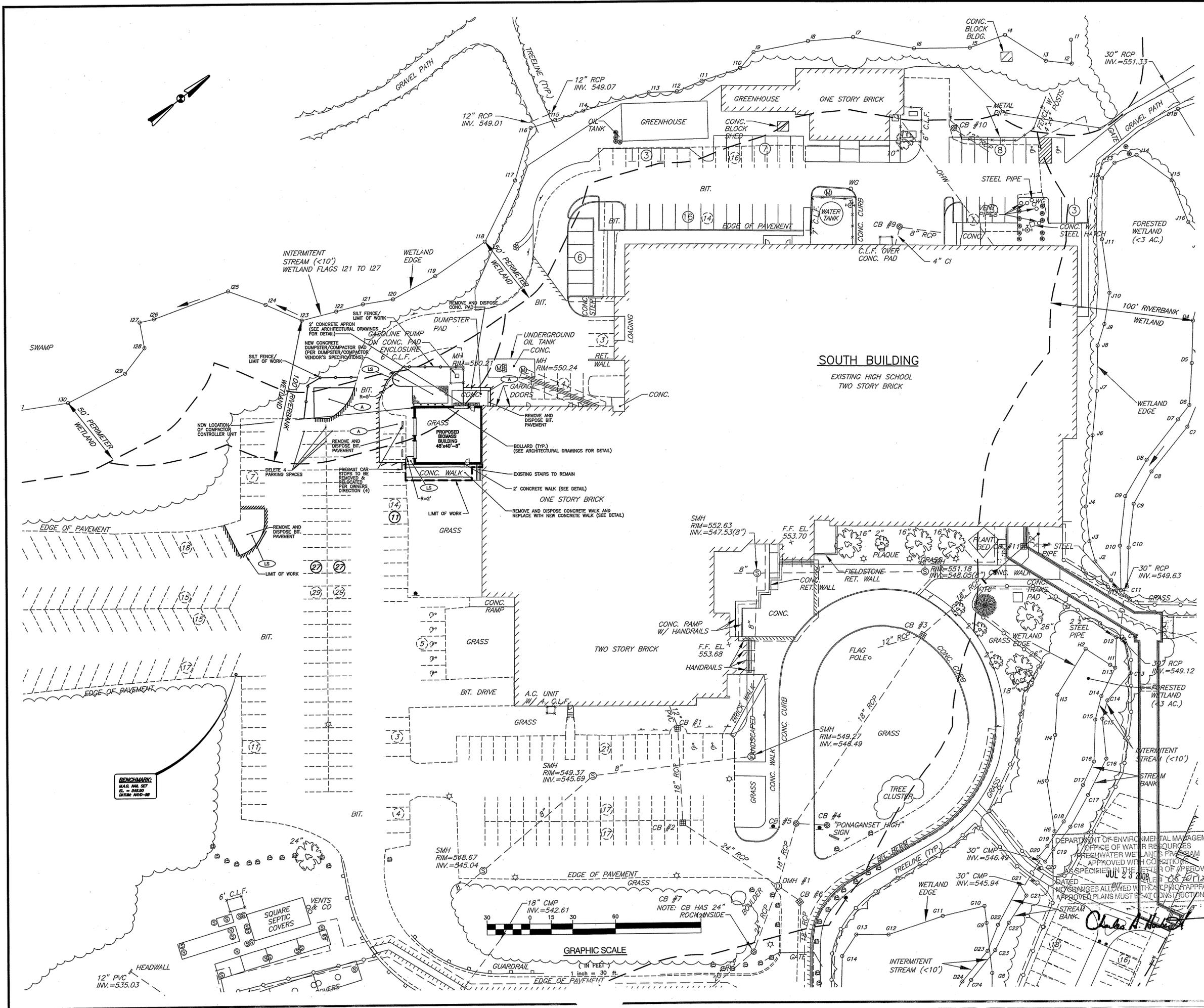
DRAWN BY
CHECKED BY

DRAWING NUMBER
C-5

SHEET
6 OF 16

APR 16 2008

Charles A. Hagerman



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- GENERAL NOTES**
- CONTRACTOR SHALL VISIT SITE, PRIOR TO BID, AND CAREFULLY INVESTIGATE AND EXAMINE THE AREA OF WORK AS TO DETERMINE HAZARD AS TO THE NATURE AND LOCATION OF THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CHARACTER, QUALITY, QUANTITIES OF MATERIALS REQUIRED AND SUPPLIES TO BE ENCOUNTERED. THE KIND AND EXTENT OF EQUIPMENT AND FACILITIES NEEDED FOR PERFORMANCE OF THE WORK AND OTHER ITEMS WHICH MAY BE REQUIRED, SHALL BE THE WORK OF CONTRACTOR'S PERFORMANCE.
 - REFER TO THIS PLAN FOR WALL TYPES, SYMBOLS, LEGEND AND ABBREVIATIONS.
 - ALL INTERIOR WALLS SHALL BE TYPE "1" UNLESS NOTED OTHERWISE.
 - PROVIDE FINISH EDGE AT ALL INTERIOR CORNER WALL EXTERIOR CORNER LOCATIONS.
 - ALL FIRE RATED WALLS SHALL EXTEND TIGHT TO NUMBER OF FLOOR OF BELOW AND TO THE INTERIOR WALL SHALL BE SEALED THROUGH FIRE WETLAND SHALL BE SEALED WITH AN APPROVED FIRE STOP SYSTEM.
 - UNO. ALL DIMENSIONS ARE TO FACE OF FINISH PAZE OF MASONRY, FACE OF CONCRETE, OR TO CENTERLINE OF COLUMN AS OCCURS.
 - DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

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 REGISTERED PROFESSIONAL ENGINEER
 APR 16 2008

REVISIONS

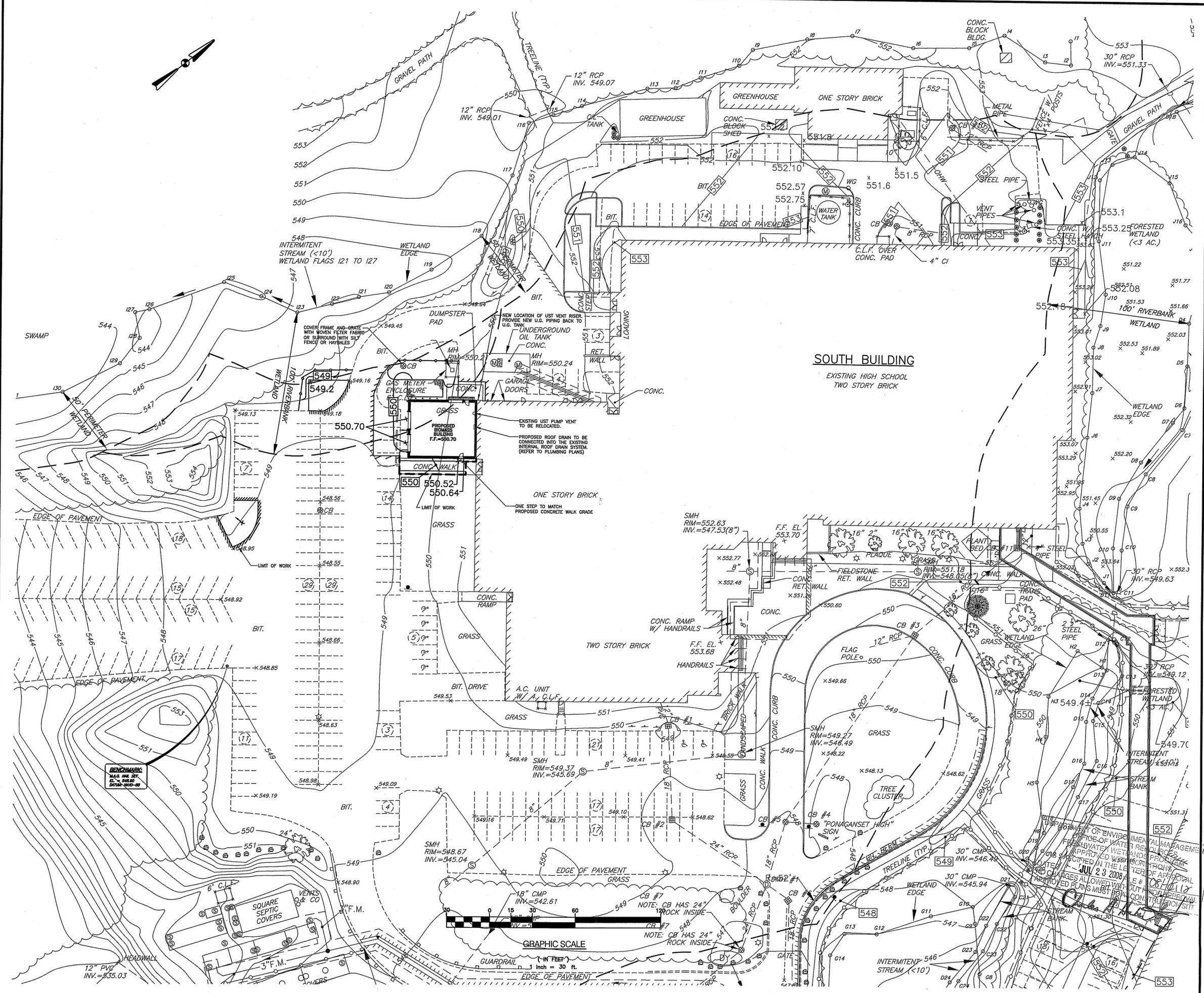
NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/8/08
2	BUILDING DEPARTMENT COMMENTS	1/14/08
3	PLANNING BOARD RESUBMISSION	1/28/08
4	PLANNING BOARD COMMENTS	2/1/08
5	RIDEM SUBMISSION	2/1/08

RIDEM SUBMISSION

PROJECT TITLE: **PONAGANSET HIGH SCHOOL BIO-MASS BUILDING**

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PERMITTING
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE ORDER OF APPROVAL
 DATED 06/20/07
 NO CHANGES ALLOWED WITHOUT WRITTEN APPROVAL
 APPROVED PLANS MUST BE AT DIVISION STATION

FOSTER / GLOCESTER, RI
BIO-MASS SITE LAYOUT PLAN
 DATE: OCT. 19, 2007 PROJ. NO. 1183.31
 DRAWN BY: CHECKED BY:
 DRAWING NUMBER: **C-6**
 SHEET: 7 OF 16



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- GENERAL NOTES**
- CONTRACTOR SHALL VISIT SITE, PRIOR TO BID, AND CAREFULLY INVESTIGATE AND EXAMINE THE AREA OF WORK SO AS TO SATISFY HIMSELF AS TO THE NATURE AND LOCATION OF THE WORK. CONTRACTOR TO NOTE THE CHARACTER, QUALITY, QUANTITIES OF MATERIALS REQUIRED AND DIFFICULTIES TO BE ENCOUNTERED. THE TIME AND EFFORT OF PERFORMANCE OF THE WORK AND THE PERFORMANCE OF THE WORK SHALL BE AFFECTED BY THE WORK OR CONTRACTOR'S PERFORMANCE.
 - REFER TO DWG # 4 FOR WALL TYPES, FINISHES, LEGEND AND NOTATIONS.
 - ALL INTERIOR WALLS SHALL BE TYPE "I" UNLESS NOTED OTHERWISE.
 - PROVIDE BALANCE EDGE AT ALL INTERIOR CORNERS AND WALL EXTERIOR CORNER LOCATIONS.
 - ALL FIRE RATED WALLS SHALL EXTEND UP TO UNFINISHED FLOORING DECK ABOVE. FIRE RATED WALLS SHALL BE FIRE RATED AT THE INTERSECTIONS. ALL PENETRATIONS THROUGH A FIRE RATED WALL SHALL BE SEALED WITH AN APPROVED FIRE STOP.
 - UNO, ALL DIMENSIONS ARE TO FACE OF FINISH, FACE OF MASONRY, FACE OF CONCRETE, OR TO CENTERLINE OF COLUMN AS OCCURS.
 - DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

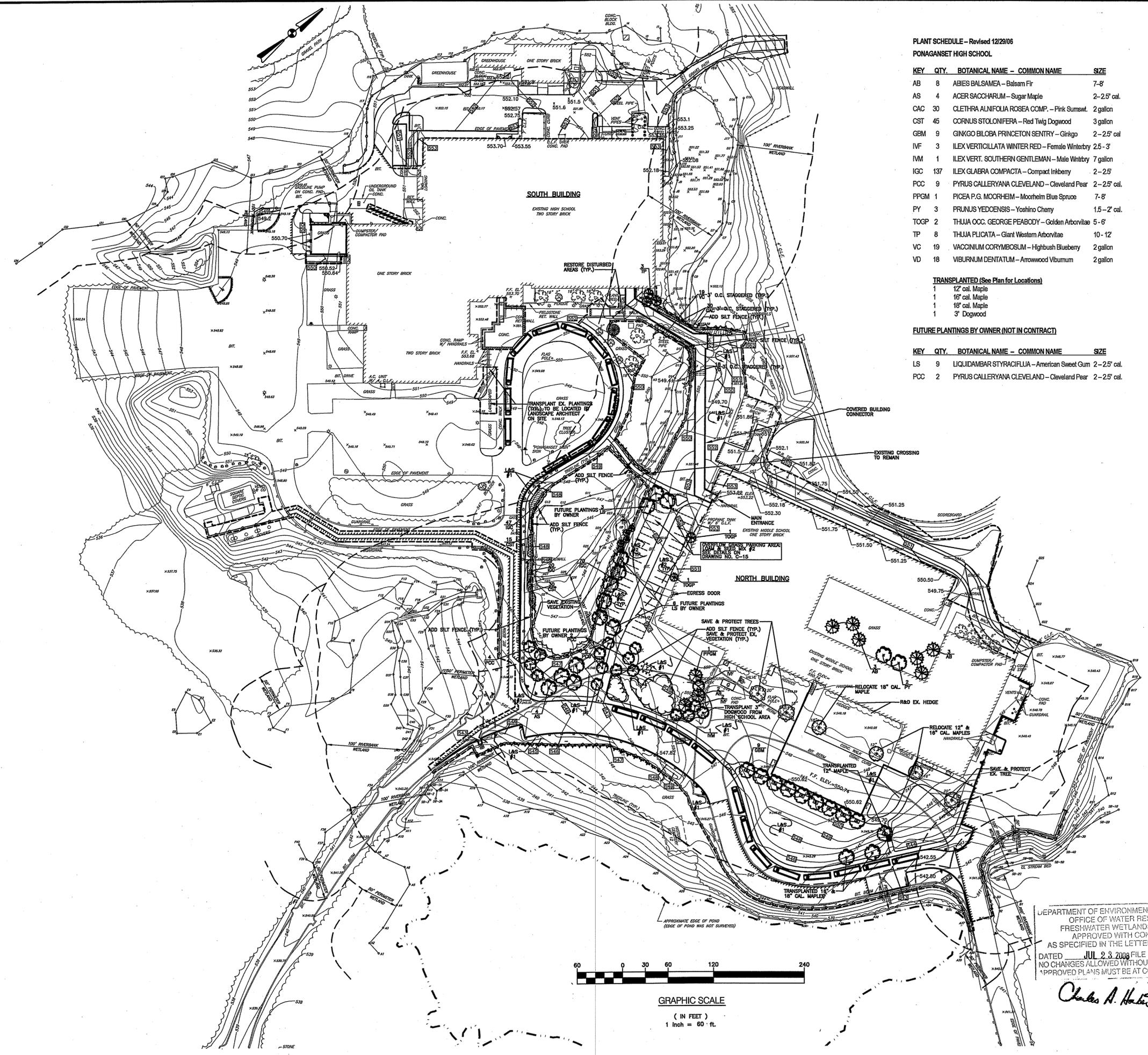
BRUCE G. HAGERMAN
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REV PLAN
 APR 16 2008

REVISIONS

NUMBER	REVISIONS	DATE
1	PLANNING BOARD COMMENTS	1/9/08
2	BUILDING COUNCIL COMMENTS	1/14/08
3	PLANNING BOARD REVISIONS	1/22/08
4	PLANNING BOARD COMMENTS	1/31/08
5	RIDEM SUBMISSION	2/9/08

RIDEM SUBMISSION
PROJECT TITLE
 PONDAGANSET HIGH SCHOOL BIO-MASS BUILDING
 FOSTER / GLOUCESTER, RI
DRAWING TITLE
 BIO-MASS GRADING AND UTILITY PLAN
DATE
 OCT. 19, 2007 **PRJ. NO.**
 1183.31
DRAWN BY
 CHECKED BY
DRAWING NUMBER
 C-7
 SHEET: 8 OF 16



PLANT SCHEDULE - Revised 12/29/06
PONAGANSET HIGH SCHOOL

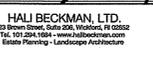
KEY	QTY.	BOTANICAL NAME - COMMON NAME	SIZE
AB	8	ABIES BALSAMEA - Balsam Fir	7-8'
AS	4	ACER SACCHARUM - Sugar Maple	2-2.5' cal.
CAC	30	CLETHRA ALNIFOLIA ROSEA COMP. - Pink Sumwt.	2 gallon
CST	45	CORNUS STOLONIFERA - Red Twig Dogwood	3 gallon
GEM	9	GINKGO BILOBA PRINCETON SENTRY - Ginkgo	2-2.5' cal
IVF	3	ILEX VERTICILLATA WINTER RED - Female Winterbry	2.5-3'
IVM	1	ILEX VERT. SOUTHERN GENTLEMAN - Male Winterbry	7 gallon
IGC	137	ILEX GLABRA COMPACTA - Compact Inkberry	2-2.5'
PCC	9	PYRUS CALLERYANA CLEVELAND - Cleveland Pear	2-2.5' cal.
PPGM	1	PICEA P.G. MOORHEIM - Moorheim Blue Spruce	7-8'
PY	3	PRUNUS YEDOENSIS - Yoshino Cherry	1.5-2' cal.
TOGP	2	THUJA OCC. GEORGE PEABODY - Golden Arborvitae	5-6'
TP	8	THUJA PLICATA - Giant Western Arborvitae	10-12'
VC	19	VACCINIUM CORYMBOSUM - Highbush Blueberry	2 gallon
VD	18	VIBURNUM DENTATUM - Arrowwood Viburnum	2 gallon

TRANSPLANTED (See Plan for Locations)

1	12' cal. Maple
1	16' cal. Maple
1	16' cal. Maple
1	3' Dogwood

FUTURE PLANTINGS BY OWNER (NOT IN CONTRACT)

KEY	QTY.	BOTANICAL NAME - COMMON NAME	SIZE
LS	9	LIQUIDAMBAR STYRACIFLUA - American Sweet Gum	2-2.5' cal.
PCC	2	PYRUS CALLERYANA CLEVELAND - Cleveland Pear	2-2.5' cal.



APR 16 2008



REVISIONS

NUMBER	REMARKS	DATE
1	PLANTING BOARD COMMENTS	1/8/08
2	RELOCATE CURBWAYS	1/14/08
3	PLANTING BOARD RESTRICTIONS	1/28/08
4	PLANTING BOARD COMMENTS	2/11/08
6	REDEM SUBMISSION	3/11/08

RIDEM SUBMISSION

PROJECT TITLE
PROPOSED HIGH SCHOOL IMPROVEMENTS

A.P. 9, LOTS 28 & 29
137 ANAN WADE ROAD
GLOCESTER, RHODE ISLAND
02887

DRAWING TITLE
LANDSCAPE PLAN

DATE	PROJ. NO.
OCT. 19, 2007	1183.10

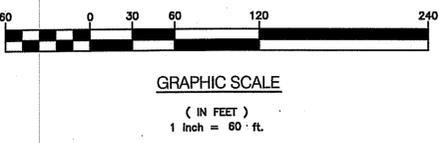
DRAWN BY	CHECKED BY

DRAWING NUMBER
C-8

SHEET 9 OF 16

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 23 2008 FILE # 08-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Charles A. Hord

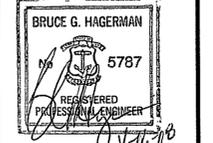




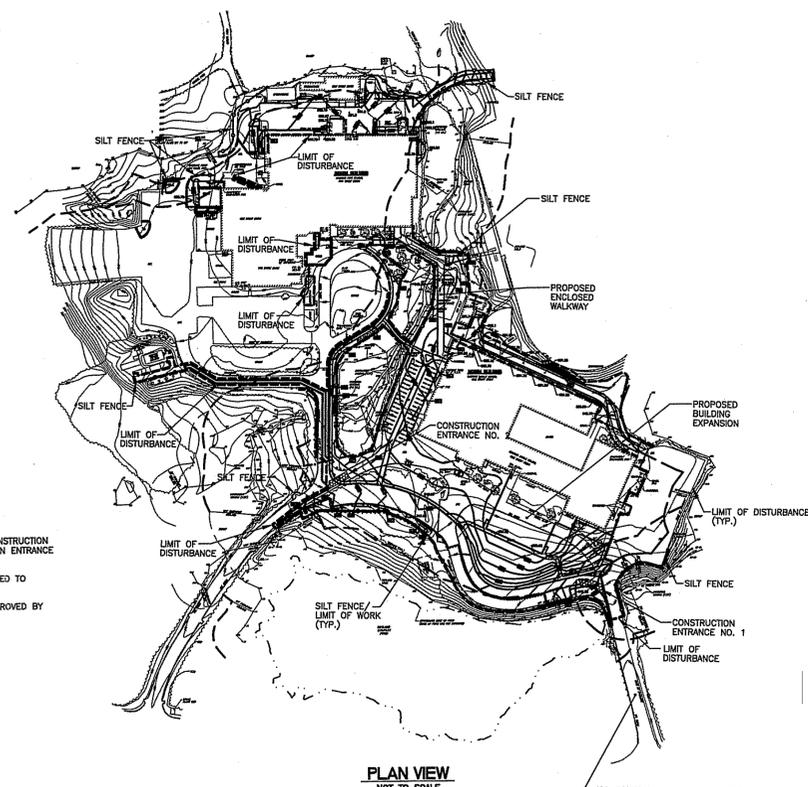
AHARONIAN & ASSOCIATES INC.
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- NOTES**
- DURING PERIODS WHEN SCHOOL IS IN SESSION, ALL CONSTRUCTION VEHICLES AND WORKERS SHALL ENTER VIA CONSTRUCTION ENTRANCE NO. 1.
 - CONSTRUCTION ENTRANCE NO. 2 FENCE SHALL BE LOCKED TO PREVENT ALL ACCESS DURING SCHOOL SESSION.
 - USE OF CONSTRUCTION ENTRANCE NO. 2 SHALL BE APPROVED BY OWNER.



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. EROSION AND SEDIMENT CONTROL HANDBOOK") TO CONTROL DUST:

- WATER** THE EXPOSED SOIL SURFACE SHOULD BE MOISTENED PERIODICALLY WITH ADEQUATE WATER TO CONTROL DUST.
- 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.

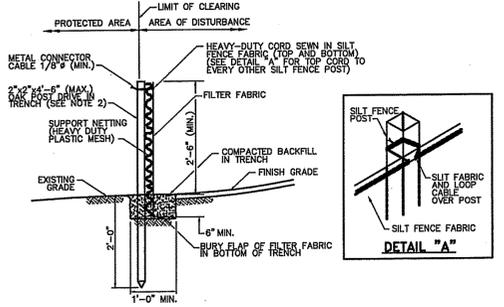
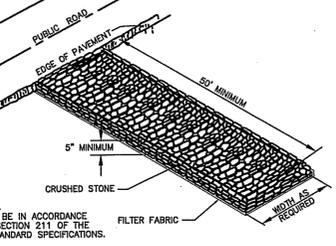
TEMPORARY SEEDING NOTES

- SEEDING WITH JUTE NETTING OR ANCHORED MULCH SHALL BE USED AT LOCATIONS SUBJECT TO EROSION FORCES.
- SOIL MUST BE TESTED TO DETERMINE THE GRADATION AND THE APPROPRIATE QUANTITY OF LIMESTONE AND FERTILIZER NECESSARY TO SUPPORT A PERMANENT GROUND COVER.
- THE SEED MIXTURE MAY BE THE FOLLOWING OR AN APPROVED ALTERNATIVE:

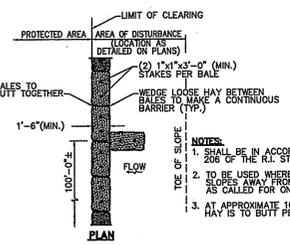
MIXTURE	LEBS/ACRES
RED FESCUE	75
COLONIAL BENTGRASS (EXETER)	2
PERENNIAL RYEGRASS	5
BIRDFOOT TREFOIL (EMPIRE)	15

PRIOR TO SEEDING, THE NATURAL RESOURCE CONSERVATION SERVICE (FORMERLY SCS) DISTRICT FIELD OFFICE SHOULD BE CONSULTED TO SELECT AN APPROPRIATE MIXTURE BASED UPON THE RESULTING SOIL TESTS.

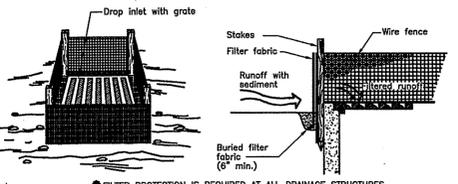
ESTIMATED TIME OF SOIL EXPOSURE
APRIL, 2008 - MAY, 2009



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



- NOTES**
- SHALL BE IN ACCORDANCE WITH SECTION 205 OF THE R.I. STANDARD SPECIFICATIONS.
 - TO BE USED WHERE THE EXISTING GROUND SLOPES AWAY FROM THE HIGHWAY EMBANKMENT AS CALLED FOR ON PLANS.
 - AT APPROXIMATE 100'-0" INTERVALS A BALE OF HAY IS TO BUTT PERPENDICULARLY.



* FILTER PROTECTION IS REQUIRED AT ALL DRAINAGE STRUCTURES.

- INSPECTION/MAINTENANCE NOTES**
- PRIOR TO COMMENCING CLEARING AND GRUBBING OPERATIONS, SILT FENCE SHALL BE PLACED SO AS TO PREVENT SEDIMENT FROM ENTERING EXISTING ROADWAY DRAINAGE SYSTEM, REGULATED WETLANDS AND ADJUTING PROPERTIES.
 - EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE ROADWAY DRAINAGE SYSTEM AND WETLANDS.
 - ALL DISTURBED AREAS WHICH BECOME SUBJECT TO EROSION TENDENCIES WHETHER THEY BE NEWLY FILLED OR EXCAVATED SHALL RECEIVE SLOPE PROTECTION - SUCH AS RIP-RAP.
 - DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING PERIODS OF RAINFALL.
 - 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.
 - ADDITIONAL HAYBALES, SILT FENCING OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE TOWN OR ENGINEER.
 - THE "R.I. 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.
 - 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.
 - ALL SEDIMENT MUST BE REMOVED WHEN THE HEIGHT OF THE SEDIMENT REACHES 1/2 THE HEIGHT OF THE SEDIMENT BARRIER.
 - SEDIMENTATION TRAPS WILL BE PROVIDED AT ALL DRAINAGE OUTLET STRUCTURES UNTIL PERMANENT STABILIZATION HAS OCCURRED.

- GENERAL PROJECT WIDE NOTES**
- EROSION CONTROLS SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION MAINTAINED ON A REGULAR BASIS, AND SHALL BE PLACED TO PREVENT SEDIMENTATION ONTO ADJACENT PROPERTY AND REGULATED WETLANDS.
 - 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.
 - THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1 - OCTOBER 15.
 - ALL HAYBALES 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.
 - TREES AND OTHER EXISTING VEGETATION SHALL BE RETAINED WHENEVER FEASIBLE. THE AREA BEYOND THE BOUNDARY SHALL BE FENCED OR ROPED OFF TO PROTECT TREES FROM CONSTRUCTION EQUIPMENT.
 - AREAS DAMAGED DURING CONSTRUCTION SHALL BE RESEEDDED, RESEEDING, OR OTHERWISE RESTORED AT THE CONTRACTOR'S EXPENSE.
 - STOCKPILES SHALL HAVE NO SLOPE STEEPER THAN 2:1 AND SHALL BE SURROUNDED BY STAKED HAY BALES OR SILT FENCING.
 - STOCKPILES EXPOSED FOR EXCESSIVE PERIODS SHALL RECEIVE TEMPORARY TREATMENT CONSISTING OF HAY, STRAW OR FIBER MATTING.
 - THE DRAINAGE SYSTEM SHALL BE CLEANED PRIOR TO ACCEPTANCE OF THE OVERALL PROJECT BY THE OWNER. SEDIMENTS SHALL BE DISPOSED OF PER LOCAL, STATE AND FEDERAL REGULATIONS.
 - HAY, STRAW OR LINING APPLICATIONS SHALL BE USED AS REQUIRED ON EXPOSED SURFACES TO PREVENT EROSION. ALL METHODS SHALL BE APPROVED BY THE ENGINEER.
 - FINAL TREATMENT FOR DISTURBED AREAS SHALL BE 4" LOAM AND SEED, UNLESS OTHERWISE SHOWN ON PLANS.
 - RIE-RAP SPLASH PADS SHALL BE INSTALLED AT THE OUTLETS OF ALL NEW CULVERTS, PAVED WATERWAYS AND FLARED ENDS DISCHARGING INTO A WATERWAY.

- SEQUENCING NOTES**
- PRIOR TO ANY ACTIVITY, THE OWNER OR CONTRACTOR MUST ASSIGN A SOIL EROSION PROFESSIONAL AND TEAM TO ASSUME FULL RESPONSIBILITY OF MONITORING AND MAINTAINING THE SOIL EROSION CONTROL PLAN. INSPECTION AND MAINTENANCE MUST OCCUR DAILY, INCLUDING "SHUT DOWN" PERIODS, SUCH AS WINTER CLOSURE.
 - PRIOR TO EARTHWORK ACTIVITIES, THE PROPOSED EROSION CONTROLS SHALL BE INSTALLED AND STABILIZED.
 - DURING PLACEMENT OF THE PAVEMENT GRAVEL BASE AND SLOPE STABILIZATION, THE CATCH BASINS WILL BE WRAPPED WITH FILTER FABRIC (FIG. 5-10) AND THE SILT FENCE LINES WILL REMAIN IN PLACE.
 - ANY MODIFICATION TO THE EROSION CONTROL PLAN MUST BE APPROVED IN ADVANCE BY THE ENGINEER, R.I.D.E.M. AND THE TOWN.

- SITE SPECIFIC NOTES FOR AREAS OF CRITICAL CONCERN**
- FINISHED SLOPES ARE NOT TO EXCEED 2:1.
 - DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED.
 - TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS).
 - HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 3,000-4,000 LBS/ACRE.
 - THE FINISHED SLOPES SHALL RECEIVE 4" OF LOAM AND SEED.
 - THE SEED MIXTURE SHALL BE:

LEBS/ACRES	
FINE RYE	55
K-31 FESCUE	34

 OR AN ALTERNATIVE APPROVED BY THE SCS DISTRICT OFFICE.
 - ALL 2:1 SLOPES ARE TO BE LINED WITH CURLEX EXCELSIOR EROSION CONTROL BLANKET (AMERICAN EXCELSIOR COMPANY), OR EQUAL. INSTALLATION MUST CONFORM TO MANUFACTURER'S SPECIFICATIONS.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 23 2008 FILE # 08-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hagerman

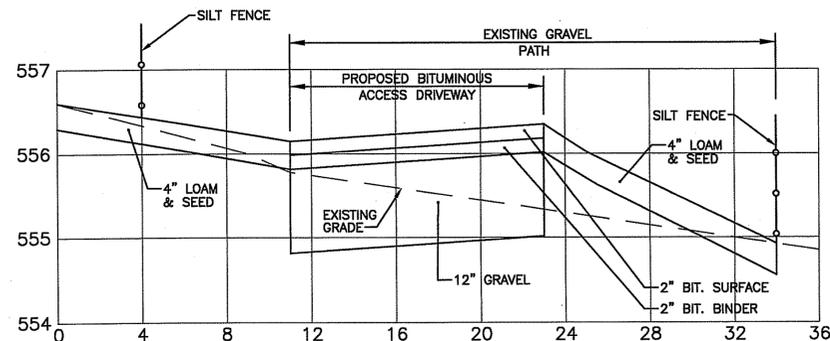
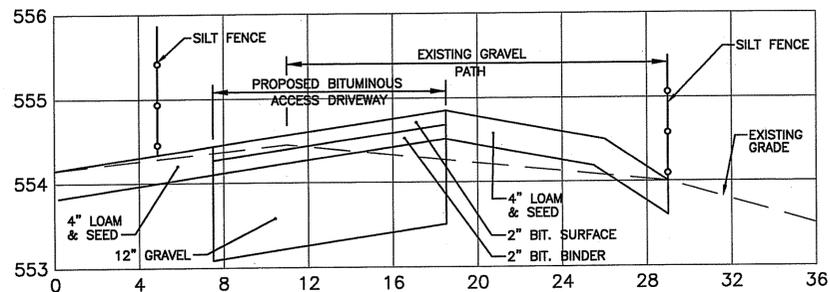
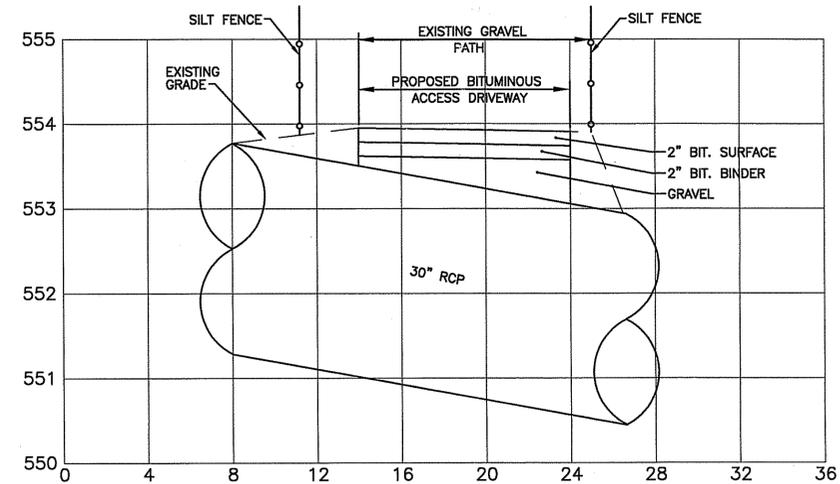
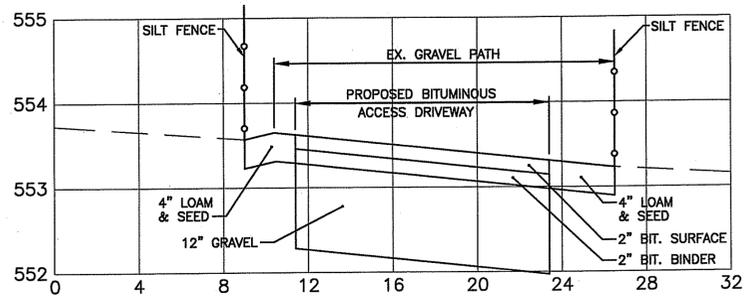
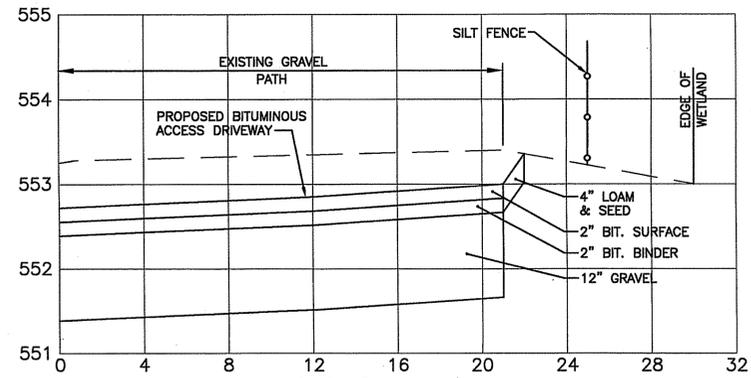
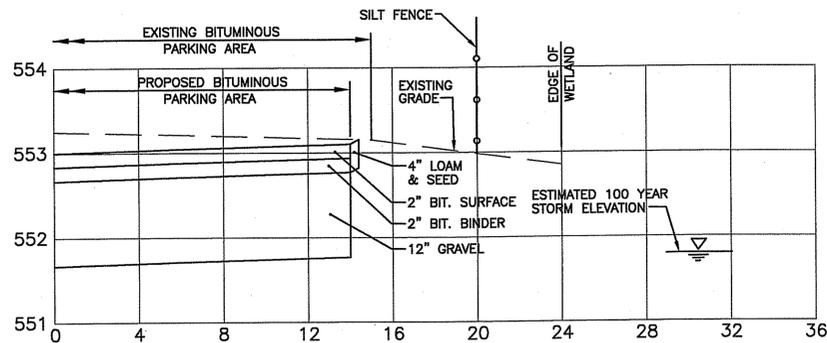
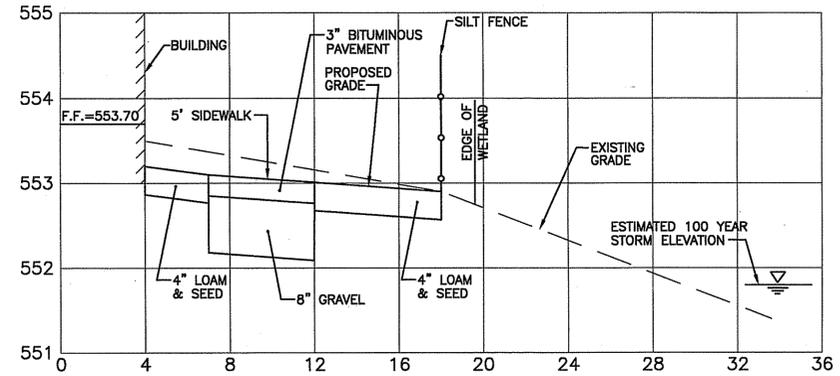
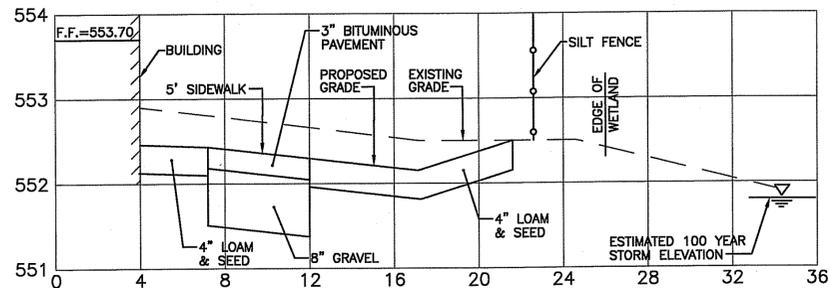
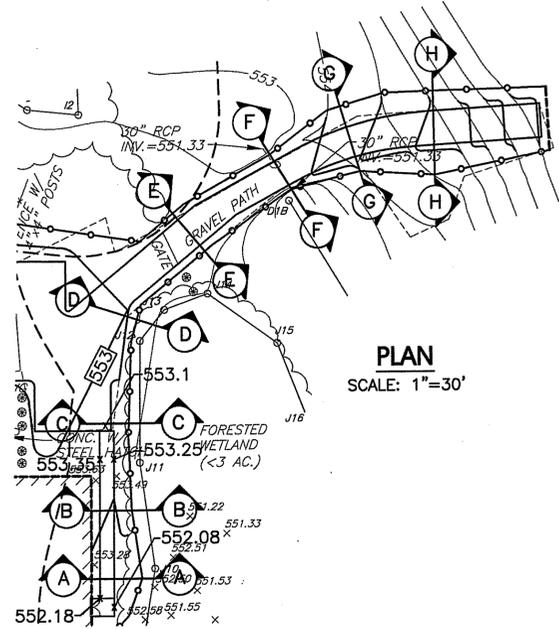
REVISIONS		
NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/9/08
2	WETLAND DISTRICT COMMENTS	1/14/08
3	PLANNING BOARD REVISIONS	1/28/08
4	PLANNING BOARD COMMENTS	2/11/08
5	RIDEM SUBMISSION	2/11/08

RIDEM SUBMISSION

PROJECT TITLE
PROPOSED HIGH SCHOOL IMPROVEMENTS
A.P. 9, LOTS 28 & 29
137 ANAN WADE ROAD
GLOUCESTER, RHODE ISLAND
02887

DRAWING TITLE
SOIL EROSION AND SEDIMENT CONTROL PLAN

DATE OCT. 19, 2007
DRAWN BY
CHECKED BY
DRAWING NUMBER
C-9
SHEET 10 OF 16



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUL 23 2008 FILE # 08-0112
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Herbert

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BRUCE G. HAGERBRAN
 No. 5787
 REGISTERED PROFESSIONAL ENGINEER

REVISIONS

NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/2/08
2	BUILDING COMMITTEE COMMENTS	1/14/08
3	PLANNING BOARD REVISIONS	1/28/08
4	PLANNING BOARD COMMENTS	2/11/08
5	RIDEM SUBMISSION	2/21/08

RIDEM SUBMISSION

PROJECT TITLE
PROPOSED HIGH SCHOOL IMPROVEMENTS

A.P. 9, LOTS 28 & 29
 137 ANAN WADE ROAD
 GLOUCESTER, RHODE ISLAND
 02857

DRAWING TITLE
CROSS-SECTIONS

DATE
 OCT. 19, 2007

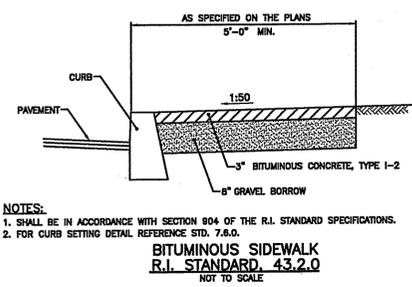
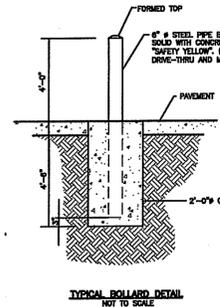
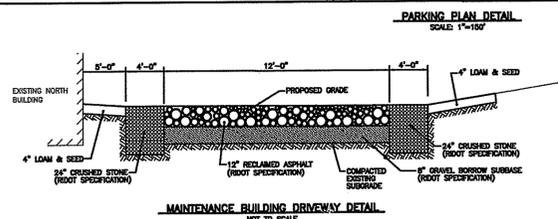
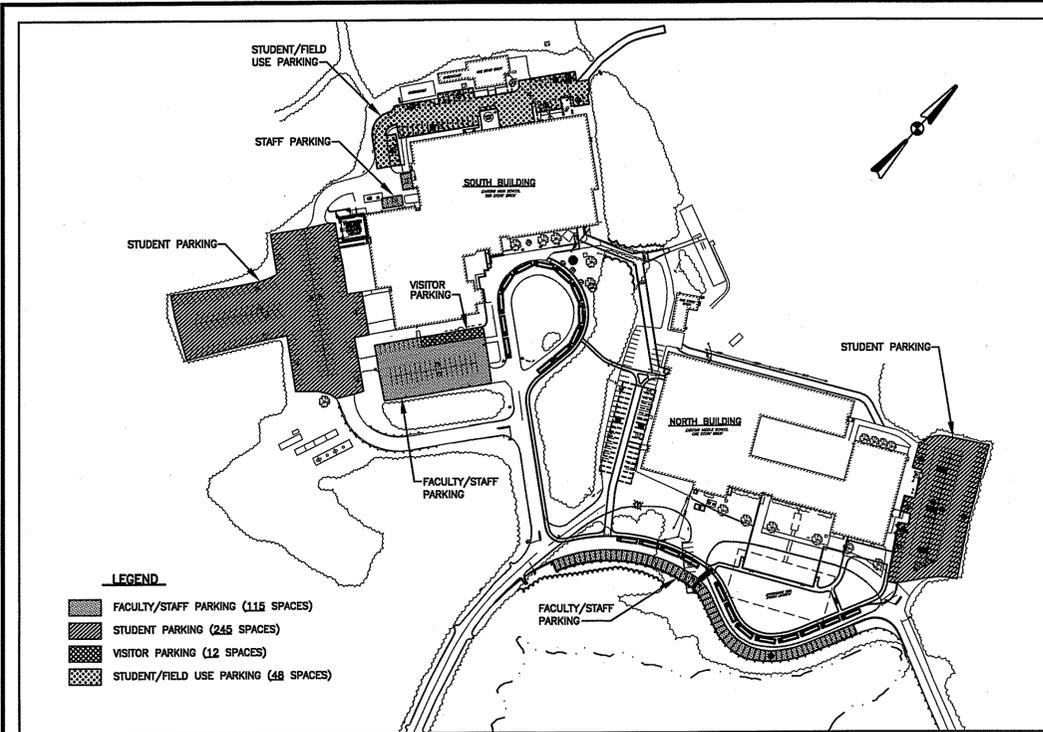
PROJ. NO.
 1183.10

DRAWN BY
 CHECKED BY

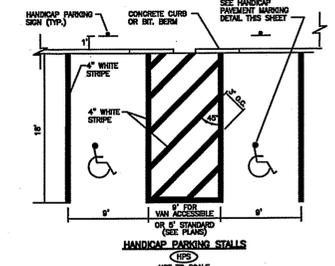
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C-10

SHEET 11 OF 16

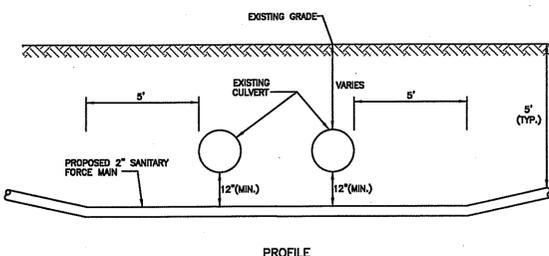
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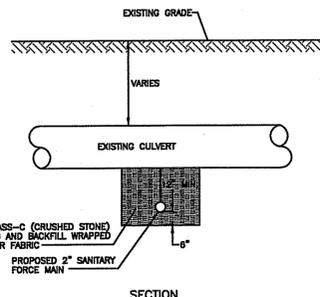
NOTES:
 1. SHALL BE IN ACCORDANCE WITH SECTION 904 OF THE R.I. STANDARD SPECIFICATIONS.
 2. FOR CURB SETTING DETAIL REFERENCE STD. 7.6.0.



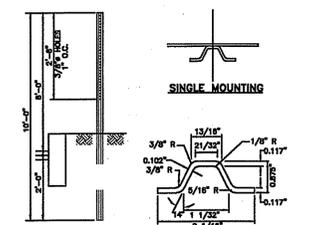
NOTES:
 1. SLOPE AT HANDICAP SPACES SHALL NOT EXCEED 2% IN EACH DIRECTION (SEE GRADING AND DRAINAGE PLAN).
 2. STRIPED AREA SHALL BE 8 FEET EXCEPT FOR AT VAN ACCESSIBLE SPACES WHERE IT SHALL BE 9 FEET



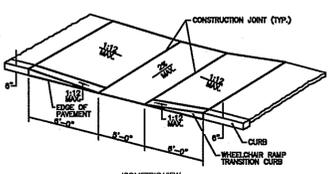
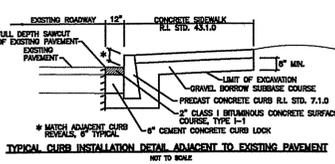
PROFILE



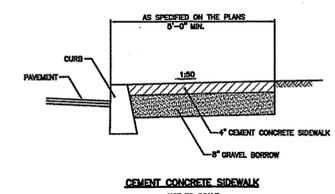
DETAIL A-A SANITARY FORCE MAIN INSTALLATION BENEATH EXISTING 18\"/>



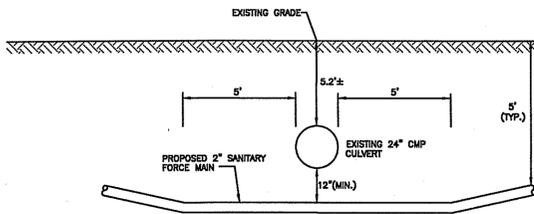
NOTES:
 1. SHALL BE IN ACCORDANCE WITH SECTION 1.18 OF THE R.I. STANDARD SPECIFICATIONS.
 2. INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE R.I. STANDARD SPECIFICATIONS.
 3. MOUNT WITH 3/16\"/>



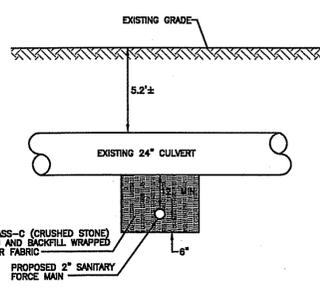
NOTE:
 ALL WHEELCHAIR RAMP SHALL BE IN ACCORDANCE WITH THE LOCAL DOT SPECIFICATIONS REGARDING CURB AND ADA REQUIREMENTS.



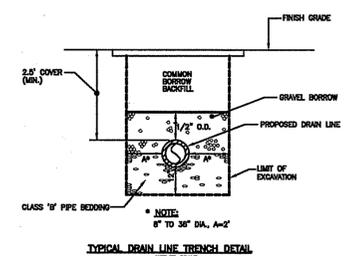
CEMENT CONCRETE SIDEWALK



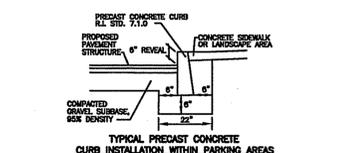
PROFILE



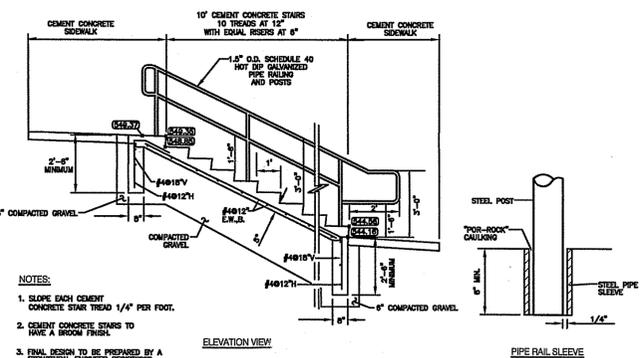
DETAIL B-B SANITARY FORCE MAIN INSTALLATION BENEATH EXISTING 24\"/>



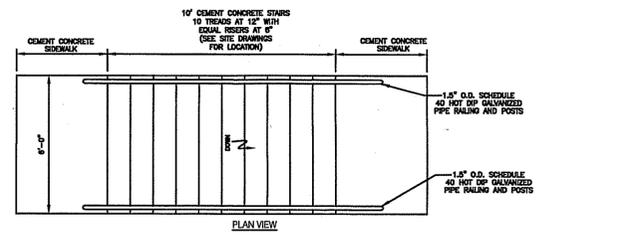
TYPICAL DRAIN LINE TRENCH DETAIL



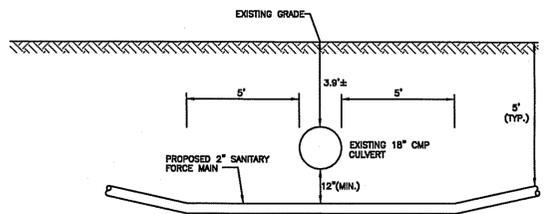
TYPICAL PRECAST CONCRETE CURB INSTALLATION WITHIN PARKING AREAS



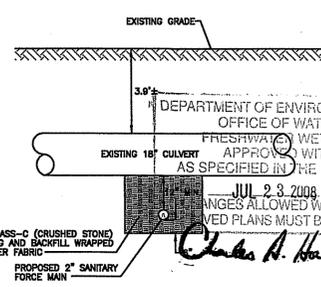
NOTES:
 1. SLOPE EACH CEMENT CONCRETE STAIR TREAD 1/4\"/>



CEMENT CONCRETE STAIRS DETAIL



PROFILE



DETAIL C-C SANITARY FORCE MAIN INSTALLATION BENEATH EXISTING 18\"/>

AHARONIAN & ASSOCIATES, INC. ARCHITECTS
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CROSSMAN ENGINEERING, INC.
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BRUCE G. HAGERMAN
 REGISTERED PROFESSIONAL ENGINEER
 5787

REVISIONS

NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/3/08
2	BUILDING COMMITTEE COMMENTS	1/14/08
3	PLANNING BOARD COMMENTS	1/28/08
4	PLANNING BOARD COMMENTS	3/1/08
5	RUBEN SUBMISSION	3/21/08

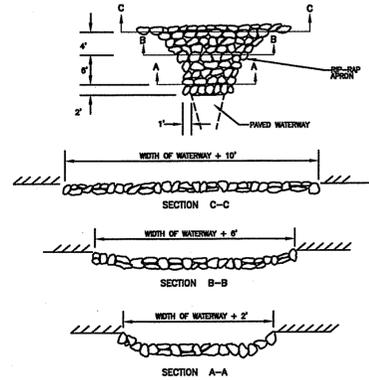
RIDEM SUBMISSION

PROJECT TITLE
PROPOSED HIGH SCHOOL IMPROVEMENTS

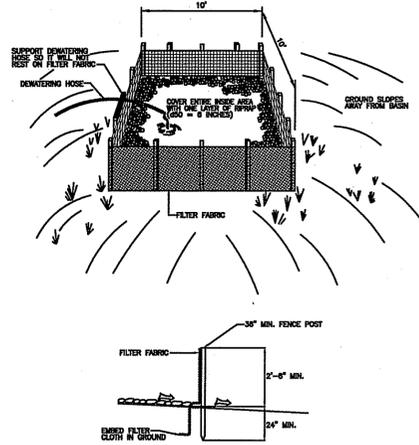
APPROVAL
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 JUL 23 2008 FILE # 06-0112
 CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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DRAWING TITLE
MISCELLANEOUS DETAILS PLAN NO. 1

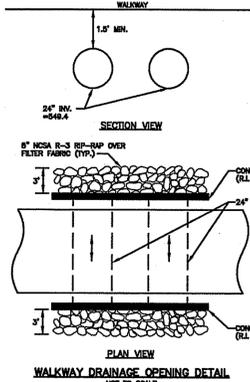
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DRAWN BY **CHECKED BY**
DRAWING NUMBER
C-12
 SHEET 13 OF 18



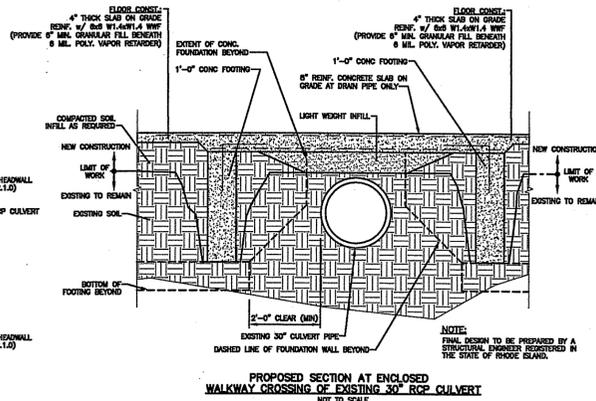
TYPICAL LAYOUT OF RIP-RAP OUTLET PROTECTION AT PAVED WATERWAYS
NOT TO SCALE



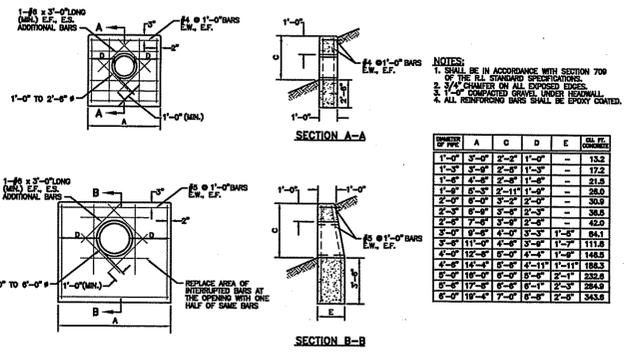
FILTER FABRIC BASIN FOR PUMPED DEWATERING DISCHARGE
NOT TO SCALE



WALKWAY DRAINAGE OPENING DETAIL
NOT TO SCALE

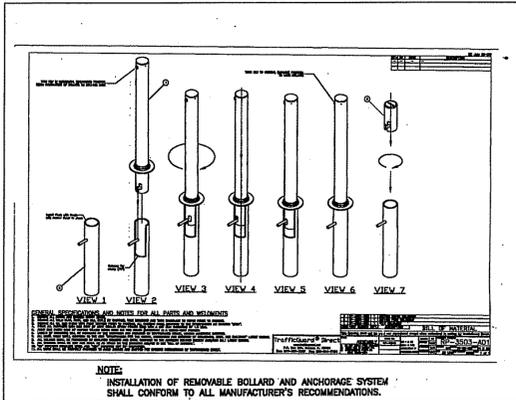


PROPOSED SECTION AT ENCLOSED WALKWAY CROSSING OF EXISTING 30\"/>

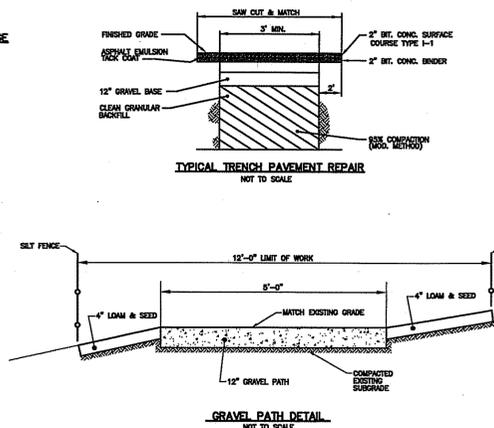


CONCRETE HEADWALLS FOR PIPE CULVERTS
R.I. STD. 2.1.0
NOT TO SCALE

SPREAD	A	D	E	Q	Q ₁	Q ₂
1'-0"	3'-0"	2'-0"	1'-0"	-	15.2	-
1'-0"	3'-0"	2'-0"	1'-0"	-	17.2	-
1'-0"	3'-0"	2'-0"	1'-0"	-	21.3	-
1'-0"	3'-0"	2'-0"	1'-0"	-	26.9	-
2'-0"	6'-0"	3'-0"	2'-0"	-	34.3	-
2'-0"	6'-0"	3'-0"	2'-0"	-	42.0	-
2'-0"	6'-0"	3'-0"	2'-0"	1'-0"	84.1	-
2'-0"	6'-0"	3'-0"	2'-0"	1'-0"	111.8	-
4'-0"	12'-0"	6'-0"	4'-0"	1'-0"	148.3	-
4'-0"	12'-0"	6'-0"	4'-0"	1'-0"	183.3	-
4'-0"	12'-0"	6'-0"	4'-0"	1'-0"	233.3	-
4'-0"	12'-0"	6'-0"	4'-0"	1'-0"	294.3	-
6'-0"	18'-0"	9'-0"	6'-0"	2'-0"	343.8	-

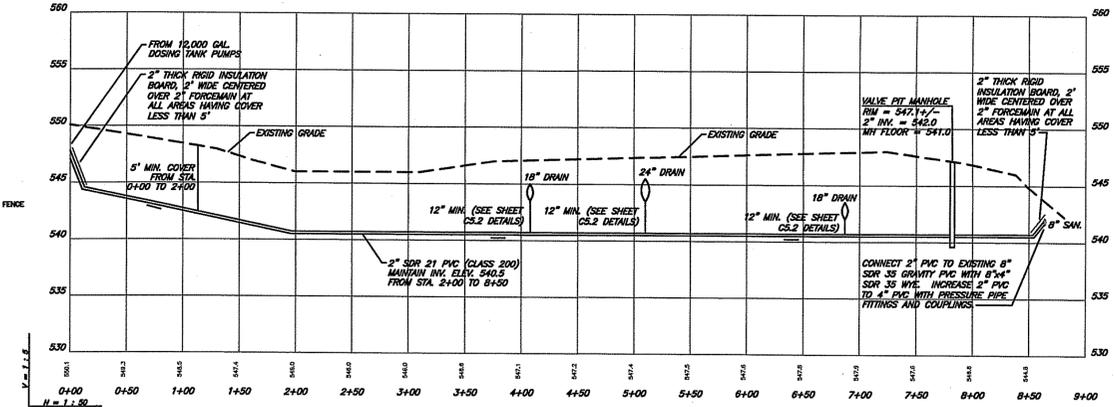


REMOVABLE BOLLARD DETAIL
NOT TO SCALE

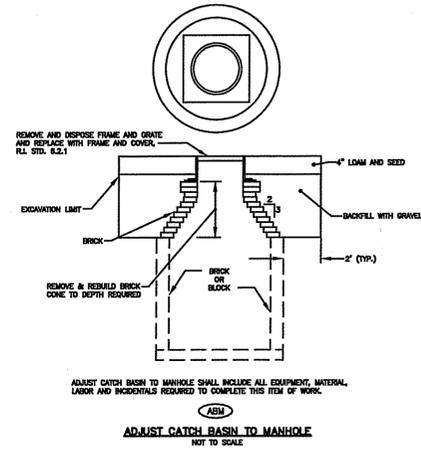


TYPICAL TRENCH PAVEMENT REPAIR
NOT TO SCALE

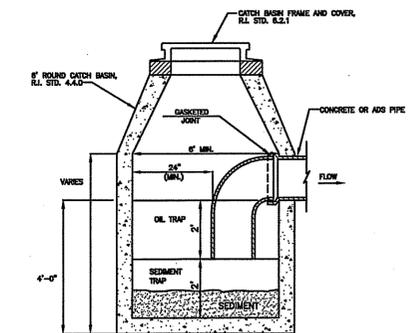
GRAVEL PATH DETAIL
NOT TO SCALE



2\"/>

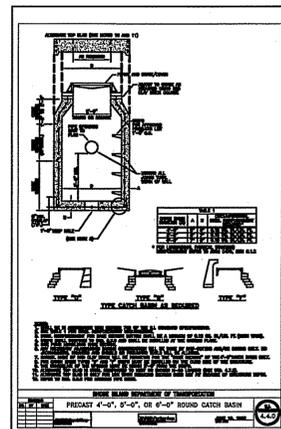


ADJUST CATCH BASIN TO MANHOLE
NOT TO SCALE

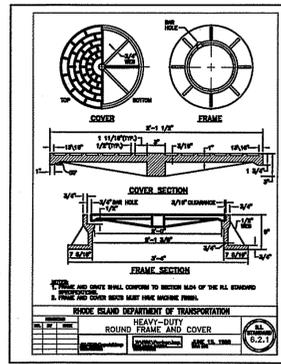


6\"/>

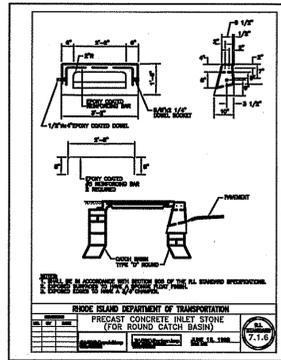
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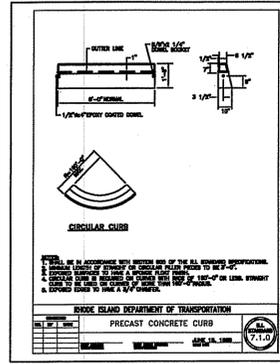
PRECAST CONCRETE INLET STONE (FOR ROUND CATCH BASIN)
NOT TO SCALE



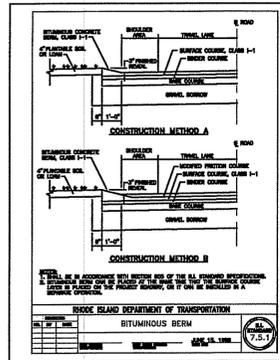
HEAVY-DUTY ROUND FRAME AND COVER
R.I. STD. 6.2.1



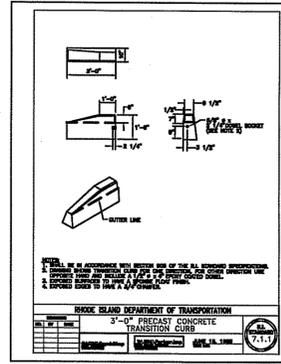
PRECAST CONCRETE CURB
R.I. STD. 7.1.0



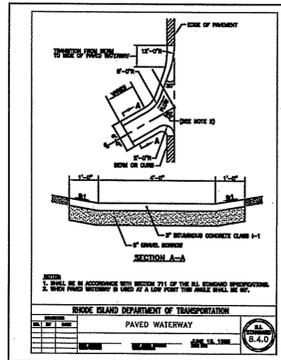
PRECAST CONCRETE TRANSITION CURB
R.I. STD. 7.1.1



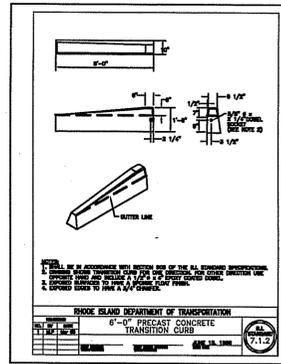
PRECAST CONCRETE TRANSITION CURB
R.I. STD. 7.1.2



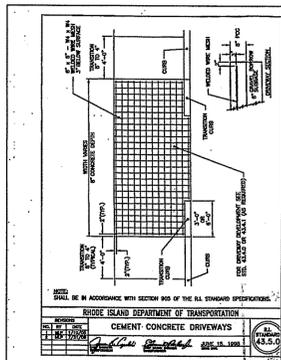
PRECAST CONCRETE TRANSITION CURB
R.I. STD. 7.1.3



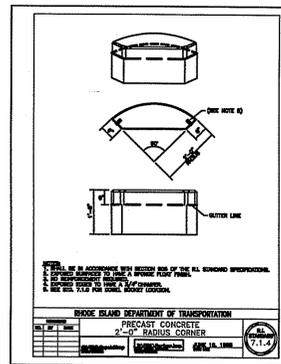
PRECAST CONCRETE TRANSITION CURB
R.I. STD. 7.1.4



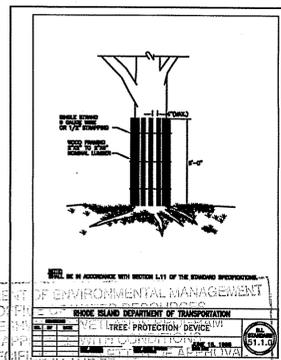
PRECAST CONCRETE TRANSITION CURB
R.I. STD. 7.1.5



PRECAST CONCRETE TRANSITION CURB
R.I. STD. 7.1.6



PRECAST CONCRETE TRANSITION CURB
R.I. STD. 7.1.7



PRECAST CONCRETE TRANSITION CURB
R.I. STD. 7.1.8

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BRUCE G. HAGERMAN
5787
REGISTERED PROFESSIONAL ENGINEER

REVISIONS

NO.	DATE	REVISION
1	1/2/08	PLANKING BOARD CORNERS
2	1/14/08	BOLLARD COUNTER CORNERS
3	1/23/08	PLANKING BOARD RESTRICTIONS
4	2/11/08	PLANKING BOARD CORNERS
5	2/21/08	RETRY SUBMISSION

RIDEM SUBMISSION
PROJECT TITLE
PROPOSED HIGH SCHOOL IMPROVEMENTS
A.P. 9, LOTS 28 & 29
137 ANAN WADE ROAD
GLOCESTER, RHODE ISLAND
02857

DRIVING TITLE
MISCELLANEOUS DETAILS
PLAN NO. 2
DATE: OCT. 19, 2007
DRAWN BY: [Signature]
CHECKED BY: [Signature]

C-13
SHEET 14 OF 15

DATED: 08-01-02
NO CHANGES WITHOUT PRIOR APPROVAL
APPROVED BY: [Signature]

Chas. A. Haber



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20 Brown Street, Suite 202, Woonsocket, RI 02896
Tel: 401-284-1900 www.hallbeckman.com
Landscape Planning - Landscape Architecture

APR 16 2008



REVISION	NUMBER	REVISION	DATE
1	1	PLANTING BOARD COMMENTS	1/9/08
2	2	BUILDING COMMITTEE COMMENTS	1/14/08
3	3	PLANTING BOARD REVISIONS	1/23/08
4	4	PLANTING BOARD COMMENTS	2/11/08
5	5	SUBMISSION	3/31/08

RIDEM SUBMISSION

PROPOSED HIGH SCHOOL IMPROVEMENTS
A.P. 1, LOTS 28 & 29
137 ANAN WADE ROAD
GLOCESTER, RHODE ISLAND
02857

LANDSCAPE DETAILS

DATE	19. 2007	SCALE	1/8" = 1'-0"
DRAWN BY		CHECKED BY	

DRAWING NUMBER
C-14
SHEET 15 OF 16

LANDSCAPE CONSTRUCTION NOTES:

- FURNISH AND INSTALL ALL PLANTS SHOWN ON THE DRAWINGS SPECIFIED HEREIN, AND IN THE QUANTITIES LISTED ON THE PLAN LIST. NO SUBSTITUTIONS WILL BE PERMITTED, UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.
- LOAM TO BE GOOD QUALITY, FERTILE, FREE OF WEEDS, STICKS STONES OVER 3/4" AND ROOTS. SPREAD TO A MINIMUM OF 4" OVER ALL PLANTED AREAS AND 12" IN ALL AREAS DESIGNATED.
- NURSERY STOCK SHALL MEET THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN AS TO GRADING AND QUALITY.
- ONLY NURSERY-GROWN PLANTS, GROWN IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES AND GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST (2) YEARS, WILL BE ACCEPTED.
- SET PLANTS PLUMB AND AT A LEVEL THAT AFTER SETTLEMENT THEY BEAR THE SAME RELATION TO THE SURROUNDING GROUND AS THEY BORE TO THE GROUND FROM WHICH THEY WERE DUG. SETTLE BACKFILL MATERIAL FOR PLANTS THOROUGHLY AND PROPERLY BY FIRING OR TAMPING FORM SAUCERS CAPABLE OF HOLDING WATER ABOUT INDIVIDUAL PLANTS, BY PLACING RIDGES OF PLANTING SOIL AROUND EACH.
- STAKE ALL TREES OVER 5' AS SHOWN ON PLANS. REMOVE STAKES AS SPECIFIED OR AT THE END OF THE GUARANTEE PERIOD.
- WATERING: WATER ALL PLANTS WITHIN 48 HOURS AFTER PLANTING. CONDITIONS WARRANT, AND AS MANY TIMES THEREAFTER TO SUSTAIN HEALTHY CONDITIONS, SATURATE THE SOIL AROUND EACH PLANT THOROUGHLY AT EACH WATERING, WHICH EVER IS REQUIRED BY SITE CONDITIONS.
- PRUNING: PRUNE PLANTS, AS DIRECTED BY OWNER, AT THE PROJECT SITE BEFORE OR IMMEDIATELY AFTER PLANTING IN ACCORDANCE WITH THE BEST HORTICULTURAL PRACTICE. CUT BROKEN, DEAD OR INJURED BRANCHES FLUSH WITH THE TRUNK OR THE LEADER. PRUNE ALL BROKEN BRANCHES FLUSH WITH THE TRUNK OR THE LEADER. PRUNING SHALL NOT DEFORM OR OTHERWISE DESTROY THE TYPICAL SHAPE OR SYMMETRY OF THE PLANT AND SHALL NOT REDUCE THE HEIGHT BY MORE THAN ONE-THIRD. DO NOT CUT BACK THE LEADER OF THE PLANT UNLESS DIRECTED BY THE LANDSCAPE ARCHITECT.
- FERTILIZING: FERTILIZE SHRUB BEDS WITH 10-6-4 FERTILIZER AT A RATE OF THREE POUNDS PER 100 SQUARE FEET OF SURFACE AREA. BROAD CAST, APPLY THE FERTILIZER UNIFORMLY TO THE SURFACE BEDS AND WORK INTO THE UPPER TWO INCHES OF SOIL. FERTILIZE INDIVIDUAL TREES AT THE RATE OF ONE ASPIRIN PELLETT PER INCH OF TRUNK DIAMETER (FOLLOW MANUFACTURER'S WRITTEN INSTRUCTIONS). APPLY A SECOND APPLICATION OF FERTILIZER TO ALL PLANT ITEMS AT THE SAME SPECIFIED RATES OVER THE MULCH AT THE END OF AN EIGHT WEEK PERIOD.
- MULCHING: COVER ALL PLANTED AREAS WITH 3" DARK BROWN PINE BARK MULCH WITHIN A SEVENTY - TWO HOUR PERIOD AFTER PLANTING. NO RED MULCH ACCEPTED.
- GUARANTEE: ALL PLANTS FURNISHED BY THE CONTRACTOR SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER PRELIMINARY INSPECTION. ALL PLANTS SHALL BE ALIVE AND IN GUARANTEED GROWTH AT THE END OF THE GUARANTEE PERIOD. ALL DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED AT ONCE BY THE CONTRACTOR, FREE OF CHARGE.
- ALL TREES ARE TO HAVE ONE MAIN LEADER.
- CONTRACTOR IS RESPONSIBLE FOR CHECKING THE IRRIGATION AND WATER AMOUNTS FOR THE FIRST YEAR.

CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON SITE AND SHALL IMMEDIATELY REPORT ANY DISCREPANCIES OR DEVIATIONS FROM THE CONSTRUCTION PLANS TO THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ALSO REPORT ANY CONDITIONS UNCOVERED IN THE WORK THAT ARE NOT REFLECTED WITHIN THE PLANS.
- THE CONTRACTOR SHALL, UNDER THE DIRECTION OF THE OWNER, ESTABLISH CONSTRUCTION LIMITS ON THE SITE BY ACCEPTABLE VISIBLE MARKERS PLACED AT EYE LEVEL. ALL WORK AND EQUIPMENT SHALL BE CONFINED TO WITHIN THESE LIMITS. THE CONTRACTOR SHALL REMOVE ALL MARKERS WHEN DIRECTED BY OWNER.
- THE SITE SHALL BE "ROUGH GRADED" TO THE ELEVATIONS AND CONTOURS SET FORTH ON THE PLANS, ALLOWING FOR GRAVEL, LOAMING AND FINAL GRADING.
- THE CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING LOAM FROM THOSE AREAS THAT ARE TO BE DEGRADED OR FILLED AND TO WITHIN THE PROJECT LIMITS. STOCKPILED LOAM SHALL NOT BE MIXED WITH ANY SUBSOIL OR OTHER UNSUITABLE MATERIAL UNLESS DIRECTED BY OWNER. ALL EXCESS SOIL REMAINS THE PROPERTY OF THE OWNER. EARTH EXCAVATION SHALL BE LIMITED TO THE DIMENSIONS AND REQUIREMENTS SHOWN ON THE DRAWINGS.
- THE INTENTION OF THE OWNER IS TO MAINTAIN THE BOUNDARIES OF THE SITE IN ITS EXISTING CONDITION AND THEREFORE THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFINING THE WORK TO WITHIN THE CONSTRUCTION LIMITS.
- ALL EXISTING VEGETATION (TREES, SHRUBS, GRASSES, ETC.) TO REMAIN SHALL BE PROTECTED BY BARRIERS. INDIVIDUAL TREES AND SHRUBS TO BE SAVED WITHIN THE DESIGNATED WORK AREA SHALL BE ADEQUATELY PROTECTED BY THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE ALL PROTECTIVE BARRIERS AS DIRECTED BY THE OWNER.
- ALL EXISTING GRASSED AREAS NOT ADEQUATELY PROTECTED AND THEREFORE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL WETLANDS, COASTAL, CITY/TOWN, AND STATE REGULATIONS.
- CALL DIG-SAFE FOR UTILITY LOCATIONS.

GENERAL NOTES - DIG SAFE

- RHODE ISLAND LAW REQUIRES THAT DIG SAFE AND ALL UTILITY COMPANIES BE NOTIFIED BY THE CONTRACTOR, A MINIMUM OF 48 BUSINESS HOURS - 2 BUSINESS DAYS - PRIOR TO ANTICIPATED EXCAVATION. THIS DOES NOT INCLUDE WEEKENDS OR LEGAL HOLIDAYS. DIG SAFE MAY BE CONTACTED BY CALLING 1-888-344-7233 MONDAY THROUGH FRIDAY FROM 8 A.M. TO 6 P.M.
- STATE LAW REQUIRES ALL EXCAVATORS TO PRE-MARK THE AREA OF EXCAVATION BEFORE NOTIFYING DIG SAFE. PRE-MARKING IS DEFINED AS MARKING OUT THE SCOPE OF THE PROPOSED EXCAVATION AREA, USING WHITE STAKES, PAINT OR FLAGS.
- LOCATE AND RECORD ALL BURIED UTILITIES AND CONFORM TO REQUIREMENTS GOVERNING EXCAVATION AND CHANGES IN THIS AREA.
- THE DEPTH OF UNDERGROUND FACILITIES IS VARIABLE. THEREFORE STATE LAW REQUIRES EXCAVATORS TO USE NON-MECHANICAL MEANS WHEN DIGGING WITHIN 18" OF A MARKED UNDERGROUND UTILITY. THE CURRENT DEPTH OF A FACILITY MIGHT NOT BE THE SAME AS WHEN IT WAS ORIGINALLY INSTALLED, DUE TO SOIL EROSION, GRADING AND MANY OTHER FACTORS. TO ENSURE THE SAFETY OF EXCAVATORS AND AVOID THE UTILITY DISRUPTION, IT MAKES SENSE TO HAND DIG WHEN WORKING NEAR AN UNDERGROUND UTILITY.
- IF DAMAGE OCCURS TO A UTILITY LINE, AND THERE IS A POSSIBILITY THAT THE DAMAGE MAY POSE A THREAT TO THE HEALTH AND SAFETY OF THE PUBLIC, CALL 911 IN ORDER TO DISPATCH LOCAL OFFICIALS WHO WILL DETERMINE WHETHER THE COMMUNITY IS IN IMMEDIATE DANGER. NEXT, ACCORDING TO THE STATE LAW, IT IS THE RESPONSIBILITY OF THE EXCAVATOR TO NOTIFY THE AFFECTED UTILITY COMPANY DIRECTLY AFTER DAMAGE OCCURS. STATE LAW PROHIBITS THE CONTRACTOR FROM ATTEMPTING TO REPAIR THE LINE, OR BACKFILLING BEFORE THE LINE HAS BEEN REPAIRED BY THE UTILITY COMPANY. FAMILIARIZE YOURSELF WITH YOUR LOCAL UTILITY COMPANIES' SAFETY PROCEDURES AND PROTOCOL IN THE EVENT OF UTILITY LINE DISRUPTION.

A DIG SAFE PERMIT SHOULD BE PROCESSED ONLY IF YOU INTEND TO EXCAVATE WITHIN 30 FEET OF A MARKED UTILITY.
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 22 2009 FILE # 08-0112
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED BY: [Signature]

SEEDING NOTES:

- LOAM SHALL BE SPREAD TO A MINIMUM DEPTH OF 4" OVER ALL AREA DESIGNATED ON PLANS, UNLESS OTHERWISE NOTED ON PLAN.
- SHAPE AND SMOOTH THE SURFACE TO THE LINES AND GRADES AS SHOWN ON PLANS.
- FERTILIZE WITH 10-10-10 OR EQUIVALENT ANALYSIS, AT LEAST 40% OF THE FERTILIZER NITROGEN SHALL BE IN A SLOW RELEASE FORM. INCORPORATE THE FERTILIZER INTO THE TOP 3 TO 4 INCHES OF THE PLANTING SOIL. APPLY AT THE RATE OF 8 POUNDS PER 1000 SQ. FT. AT SEEDING.
- LINE, SPREAD EVENLY AND WORK INTO THE SOIL DURING PREPARATION OF SEED BED AT THE RATE OF ONE TON PER ACRE. INCORPORATE INTO THE SOIL BY DIGGING OR OTHER APPROVED METHOD. DISTRIBUTE LINE UNIFORMLY AND WORK INTO TOP 4 INCHES OF TOP SOIL (MINIMUM) AND UNIFORMLY BLEND BY DISCS OR ROTOTILLING.
- APPLICATION OF SEED:
 - RATE OF APPLICATION OF SEED SHALL BE 8 POUNDS PER 1000 SQ. FT. OR AS INDICATED ON PLANS.
 - SEEDING SHALL BE DONE IN ACCORDANCE WITH SECTION L02.02 OF THE RI STANDARD SPECIFICATIONS AND ONLY DURING THE FOLLOWING DATES:
SPRING SEEDING: MARCH 15 TO MAY 31
FALL SEEDING: AUGUST 15 TO OCTOBER 15
 - THE CONTRACTOR SHALL KEEP ALL SEEDING AREAS WATERED AND IN GOOD CONDITION, RESEEDING IF AND WHEN NECESSARY FOR AN 8-WEEK PERIOD OR UNTIL A GOOD, HEALTHY, UNIFORM GROWTH IS ESTABLISHED OVER THE ENTIRE AREA. THE CONTRACTOR SHALL LEAVE THESE AREAS IN GOOD CONDITION, ALSO MAINTAIN THESE AREAS IN GOOD CONDITION UNTIL PROVISIONAL ACCEPTANCE.
 - DURING THIS PERIOD, WATER TURF AS NECESSARY TO MAINTAIN AN ADEQUATE SUPPLY OF MOISTURE, THE EQUIVALENT OF ONE INCH OF ABSORBED WATER PER WEEK THAT IS DELIVERED AT WEEKLY INTERVALS IN THE FORM OF NATURAL RAIN OR IS AUGMENTED AS REQUIRED BY PERIODIC WATERINGS IS REQUIRED.
 - OVERSEED WHEN NECESSARY TO PROMOTE GRASS GROWTH.
 - REPLANT AREAS VOID OF TURF ONE SQUARE FOOT OR LARGER.

SEED MIX #1
MOWN AREAS

TYPE	% BY WEIGHT
NASSAU KENT BLUE	60
JAMESTOWN CHEVINGS FYESCUE	20
PALMER PERENNIAL RYE GRASS	20

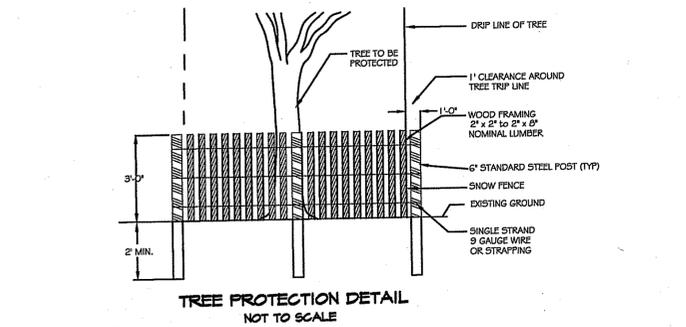
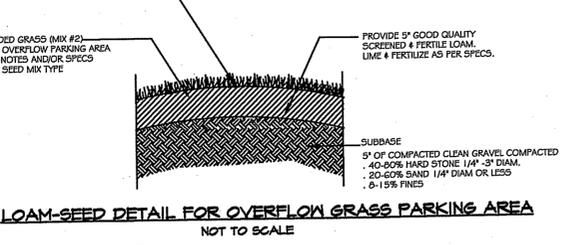
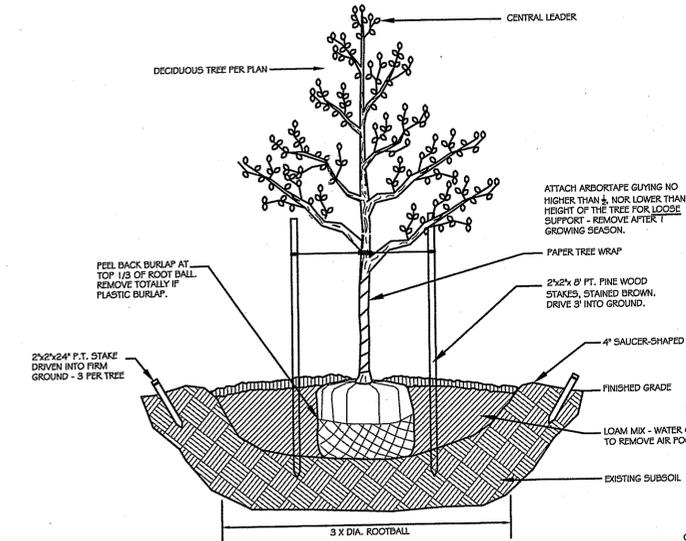
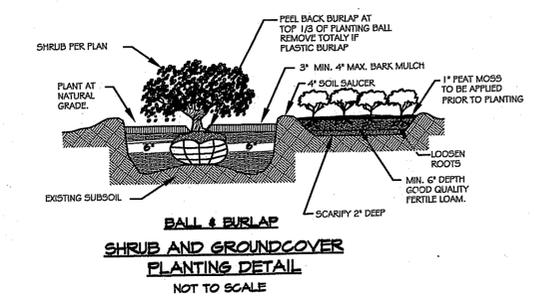
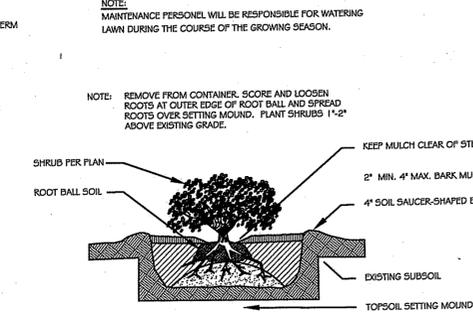
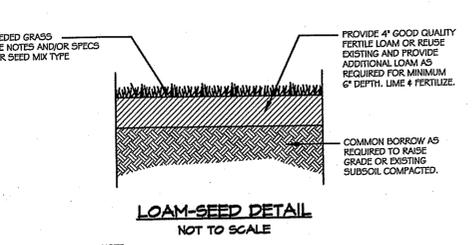
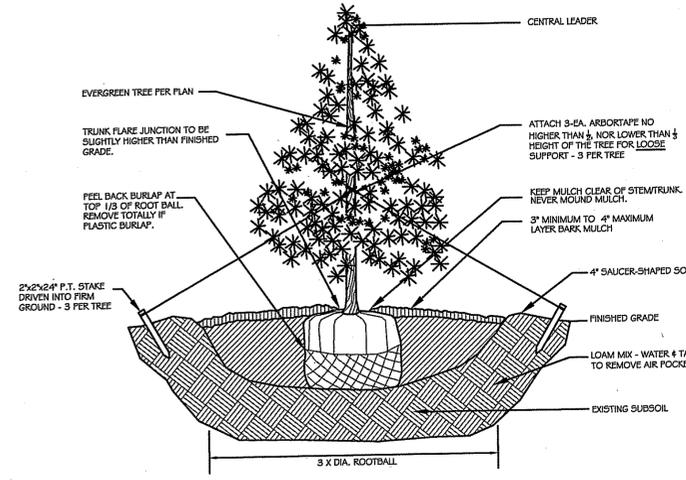
APPLICATION RATE = 200 lbs. / ACRE

SEED MIX #2
OVERFLOW PARKING AREA

TYPE	% BY WEIGHT
NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DRY SITES	
NEW ENGLAND LOGGING ROAD SEED MIX- RESEEDING APPLICATION	

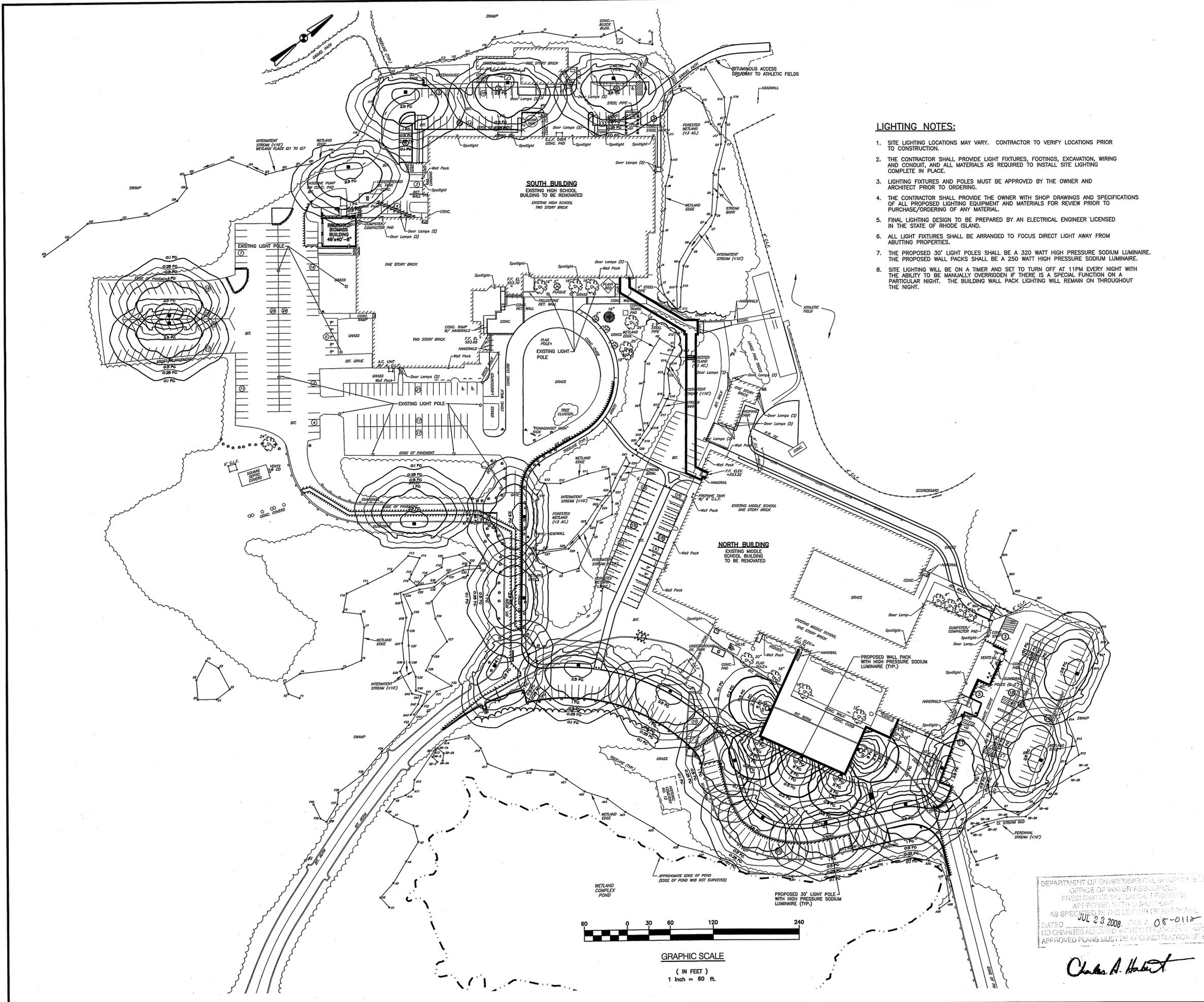
APPLICATION RATE & FERTILIZE- AS PER SPECS.

NEW ENGLAND WETLAND PLANTS, INC.
820 WEST STREET, AMHERST, MA 01002
418-548-8000
THE SEED MIX SHOULD BE APPLIED BY HYDRO SEEDING
RESEEDING APPLICATION- USE NEW ENGLAND LOGGING ROAD MIX



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- LIGHTING NOTES:**
1. SITE LIGHTING LOCATIONS MAY VARY. CONTRACTOR TO VERIFY LOCATIONS PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR SHALL PROVIDE LIGHT FIXTURES, FOOTINGS, EXCAVATION, WIRING AND CONDUIT, AND ALL MATERIALS AS REQUIRED TO INSTALL SITE LIGHTING COMPLETE IN PLACE.
 3. LIGHTING FIXTURES AND POLES MUST BE APPROVED BY THE OWNER AND ARCHITECT PRIOR TO ORDERING.
 4. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH SHOP DRAWINGS AND SPECIFICATIONS OF ALL PROPOSED LIGHTING EQUIPMENT AND MATERIALS FOR REVIEW PRIOR TO PURCHASE/ORDERING OF ANY MATERIAL.
 5. FINAL LIGHTING DESIGN TO BE PREPARED BY AN ELECTRICAL ENGINEER LICENSED IN THE STATE OF RHODE ISLAND.
 6. ALL LIGHT FIXTURES SHALL BE ARRANGED TO FOCUS DIRECT LIGHT AWAY FROM ABUTTING PROPERTIES.
 7. THE PROPOSED 30' LIGHT POLES SHALL BE A 320 WATT HIGH PRESSURE SODIUM LUMINAIRE. THE PROPOSED WALL PACKS SHALL BE A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE.
 8. SITE LIGHTING WILL BE ON A TIMER AND SET TO TURN OFF AT 11PM EVERY NIGHT WITH THE ABILITY TO BE MANUALLY OVERRIDDEN IF THERE IS A SPECIAL FUNCTION ON A PARTICULAR NIGHT. THE BUILDING WALL PACK LIGHTING WILL REMAIN ON THROUGHOUT THE NIGHT.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WATER PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUL 23 2008 FILE # 05-0110
 NO CHANGES ALLOWED WITHOUT THE SIGNATURE OF AN
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Hubert

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BRUCE G. HAGERMAN
 No. 5787
 REGISTERED PROFESSIONAL ENGINEER

APR 16 2008

REVISION NUMBER	REMARKS	DATE
1	PLANNING BOARD COMMENTS	1/5/08
2	BUILDING COMMITTEE COMMENTS	1/14/08
3	PLANNING BOARD RECOMMENDATION	1/24/08
4	PLANNING BOARD COMMENTS	2/11/08
5	BOARD SUBMISSION	2/21/08

RIDEM SUBMISSION

PROJECT TITLE
PROPOSED HIGH SCHOOL IMPROVEMENTS

A.P. 9, LOTS 28 & 29
 137 ANAN WADE ROAD
 GLOUCESTER, RHODE ISLAND
 02857

DRAWING TITLE
SITE LIGHTING PLAN

DATE OCT. 19, 2007	PROJ. NO. 1183.10
DRAWN BY	CHECKED BY
DRAWING NUMBER E-1	SHEET 16 OF 16