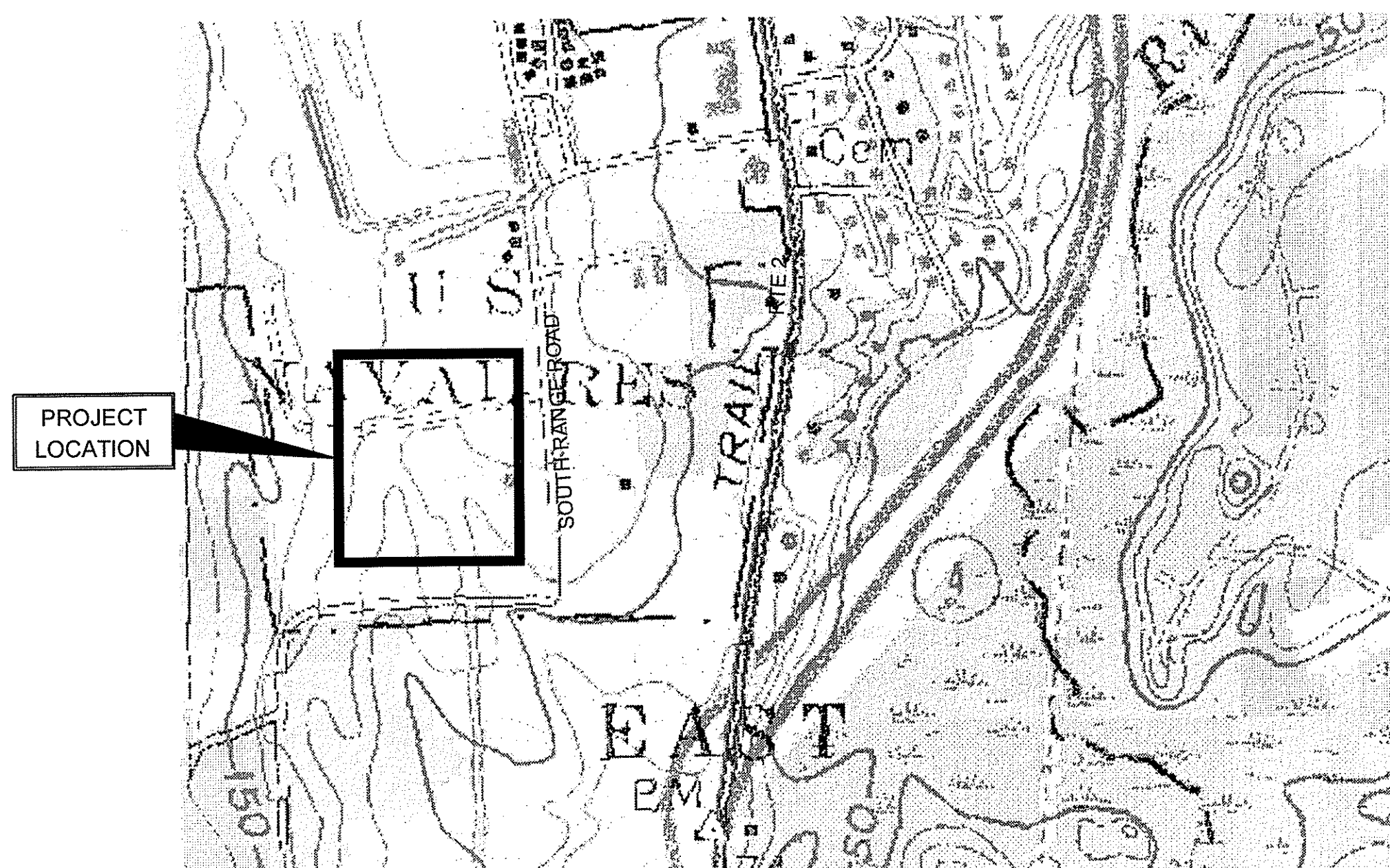


UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO)

CAMP FOGARTY

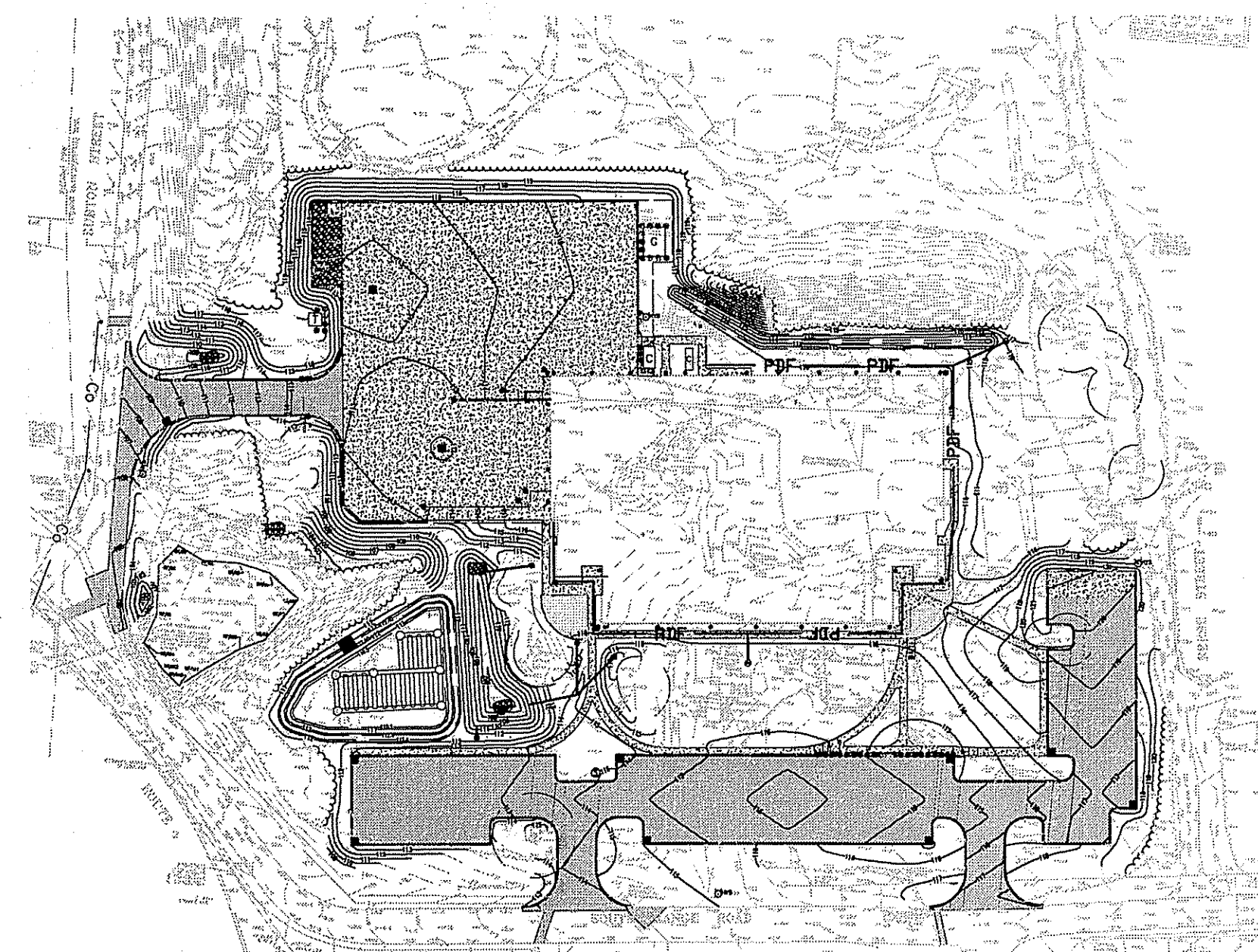
EAST GREENWICH, RHODE ISLAND



LOCUS PLAN
1" = 500'

CIVIL PLAN INDEX		
SHEET #	DWG #	DESCRIPTION
1	COVER	COVER SHEET
2	C-100	EXISTING CONDITIONS PLAN
3	CP-101	SITE PREPARATION PLAN
4	CE-101	EROSION AND SEDIMENTATION CONTROLS PLAN
5	CS-101	SITE LAYOUT PLAN
6	CG-101	SITE GRADING AND DRAINAGE PLAN
7	CU-101	SITE UTILITY PLAN
8	CU-701	SITE UTILITY PROFILES
9	CU-702A	SITE UTILITY PROFILES
10	CU-702B	SITE UTILITY PROFILES
11	C-501	SITE DETAILS
12	C-502	SITE DETAILS
13	C-503	SITE DETAILS
14	C-504	SITE DETAILS
15	C-505	SITE DETAILS
16	C-506	SITE DETAILS

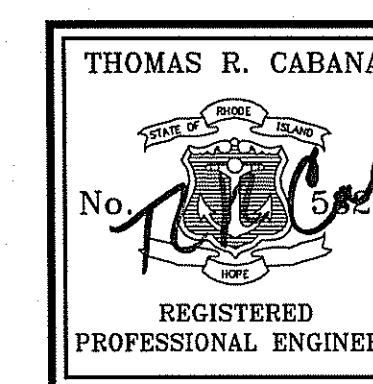
LANDSCAPE PLANS INDEX		
SHEET #	DWG #	DESCRIPTION
-	LP-101	OVERALL LANDSCAPE PLAN - OLI NO.3
-	LP-601	LANDSCAPE DETAILS - OLI NO.3
-	LP-602	LANDSCAPE DETAILS (2) - OLI NO.3



SITE PLAN
1" = 100'

RIDEM WETLANDS SUBMISSION

AUGUST 2010
REVISED NOVEMBER 2010
REVISED DECEMBER 2010

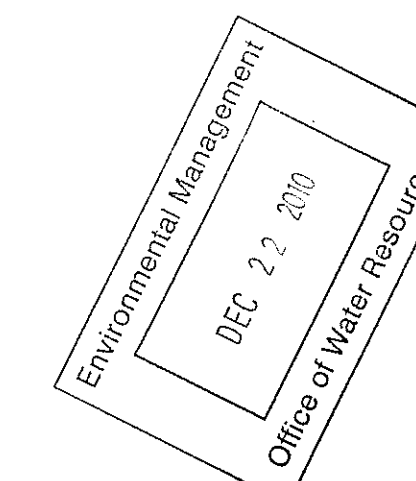


12/21/10

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

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB - 8 2011 FILE # 12-0176
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

W. Joseph Conroy



RHODE ISLAND ARMY NATIONAL GUARD				UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY EAST GREENWICH, RI		RIDEM COVER SHEET		1 of 16 COVER	
DESIGNED BY:	DATE:	JOB NAME:	POST DATE:	SURVEYOR:	GEOTECHNICAL ENGINEER:	ENVIRONMENTAL CONSULTANT:	PH: 440016	CONTRACT NO.:	FILE NO.:
		FOURCH04		Which Associates Land Surveyors, Inc. 218 NORTH MAIN STREET WEST BRIDGEWATER, MA 02779	Paul D. Ridgway & Associates, Inc. 880A WATERMAN AVENUE SUITE 9, EAST PROVIDENCE, RI 02914	JACOBS ENGINEERING 343 CONGRESS STREET BOSTON, MA 02210		W9133N-04-D-0001	
NO.	DATE	REVISIONS	NO.	DATE	REVISIONS				

LEGEND	
BIT CONC	BITUMINOUS CONCRETE
B	BORING
BC	BOTTOM OF CURB
BW	BOTTOM OF WALL
CLF	CHAIN LINK FENCE
CONC	CONCRETE
CPD	CONCRETE PAD
COND	CONDUIT
EP	EDGE OF PAVEMENT
EB	ELECTRIC BOX
GC	GRANITE CURB
GW	GUY WIRE
H	HYDRANT
HP	HYDRO PILE
OHV	OVERHEAD WIRES
SM	SEWER MANHOLE
S	SIGN
TBS	TOP OF BOTTOM STEP
TC	TOP OF CURB
TTS	TOP OF TOP STEP
TW	TOP OF WALL
TRANS	TRANSFORMER
TYP	TYPICAL
UG	UNDERGROUND
UCC	UNDERGROUND CONDUIT
U	UTILITY POLE
WG	WATER GATE
WM	WATER MANHOLE

PROJECT BENCHMARK "B"
RAILROAD SPIKE SET IN 16" OAK
TREE
ELEVATION=123.52(N.G.V.D. 1929)

UTILITY OPERATING AUTHORITIES	
DRAIN/SEWER	TOWN OF EAST GREENWICH
WATER	KENT COUNTY WATER AUTHORITY
GAS	NATIONAL GRID
ELECTRIC	NATIONAL GRID
CABLE	COX
TELEPHONE	VERIZON

UTILITY LEGEND	
SEWER	S
DRAIN	D
WATER	W
GAS	G
ELECTRIC	E

RHODE ISLAND 880(NAD 27)
RHODE ISLAND STATE PLANE
COORDINATE SYSTEM
(SEE NOTE 9)

PROJECT BENCHMARK "C"
RAILROAD SPIKE SET 1" ABOVE
GRADE IN 24" OAK TREE
ELEVATION=125.64(N.G.V.D. 1929)

- NOTES:
- CIRCLED LOT NUMBERS REFER TO TOWN OF EAST GREENWICH ASSESSOR'S PLAT NUMBER 180 AND 18F.
 - ASSESSORS LOT LINES AND STREET LINES SHOWN HEREON ARE APPROXIMATE SCALED LOCATIONS TO BE USED FOR GENERAL REFERENCE ONLY. WELCH ASSOCIATES LAND SURVEYORS, INC. HAS NOT PERFORMED A FULL BOUNDARY RETRACEMENT SURVEY.
 - A PORTION OF THE SUBJECT PROPERTY APPEARS TO HAVE BEEN TAKEN VIA MISC. CASE #196 OF THE DISTRICT COURT OF THE UNITED STATES FOR THE DISTRICT OF RHODE ISLAND. THE RECORDED CASE #196 DOCUMENTS FOUND BY WELCH ASSOCIATES LAND SURVEYORS, INC. AT THE TOWN OF EAST GREENWICH (BOOK 31/148, 31/155, 31/205) ARE MISSING EXHIBITS AND/OR PLANS WHICH ARE REQUIRED IN ORDER TO DETERMINE THE ACTUAL EXTENTS OF THE TAKEN PROPERTY.
 - AREA OF SURVEY IS LOCATED ENTIRELY WITHIN FLOOD ZONE C AS DELINEATED ON F.E.M.A FLOOD INSURANCE RATE MAP FOR COMMUNITY NO. 445397 PANEL NO. 0005 B WITH AN EFFECTIVE DATE OF FEBRUARY 16, 1983.
 - WETLAND SHOWN HEREON WAS DELINEATED JULY 29, 2009 BY DR. LARS CARLSON, A PROFESSIONAL WETLAND SCIENTIST OF JACOBS ENGINEERING GROUP, INC. PER SCIENTIST WETLAND EXHIBITS CHARACTERISTICS OF A POTENTIAL VERNAL POOL AND THE NATIONAL WETLAND INVENTORY MAPPING DOES NOT IDENTIFY ANY WETLANDS WITHIN THE BOUNDARY OF THE SITE.
 - PER EAST GREENWICH PLANNING AND ZONING DEPT., AREA OF SURVEY IS LOCATED ENTIRELY WITHIN THE LIU(LIGHT UTILITY/OFFICE) ZONING DISTRICT.
 - THE ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON THE FOLLOWING BENCHMARK: "SOUTHWEST CORNER OF CONCRETE LIGHT POST BASE, ELEVATION 118.72, NGVD 1929", AS SHOWN IN THE AUTOCAD FILE OF DRAWING ENTITLED "OVERALL EXISTING CONDITIONS PLAN, DRAWING NO. C-100 COMBINED SUPPORT MAINTENANCE SHOP (CSMS) AND FIELD MAINTENANCE SHOP (FMS), CAMP FOGARTY, EAST GREENWICH, RHODE ISLAND", DATED 6/21/06, PREPARED FOR JACOBS ENGINEERING. NOTE: THE ABOVE REFERENCED DRAWING C-100 STATES THE COORDINATE SYSTEM IS RHODE ISLAND STATE PLANE COORDINATE NAD 83, HOWEVER WELCH ASSOCIATES LAND SURVEYORS, INC. HAS DETERMINED THE COORDINATE SYSTEM OF THE SUPPLIED AUTOCAD FILE IS ACTUALLY THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM (8800-RHODE ISLAND) NAD27.
 - UNDERGROUND UTILITY LOCATIONS AS SHOWN HEREON ARE TAKEN FROM AVAILABLE RECORD AND FIELD INFORMATION AND ARE APPROXIMATE ONLY. CONTACT DIG-SAFE BEFORE PLANNING ANY CONSTRUCTION.
 - PER RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (DEM) REPRESENTATIVE, A 3,000 GALLON HEATING OIL TANK ON SUBJECT PROPERTY WAS NOTED AS HAVING BEEN REMOVED AS OF 1998.
 - WATER LINE LOCATIONS, AS SHOWN HEREON, WERE TAKEN FROM RECORD PLANS SUPPLIED BY JACOBS ENGINEERING AND BY THE RHODE ISLAND ARMY NATIONAL GUARD. KENT COUNTY WATER AUTHORITY MAY HAVE ADDITIONAL RECORD INFORMATION BUT WAS UNABLE TO PROVIDE SAID INFORMATION AT THE TIME OF THE COMPLETION OF THIS PLAN.
 - PER COX CABLE REPRESENTATIVE, COX CABLE DOES NOT HAVE ANY FACILITIES WITHIN THE AREA OF SURVEY.
 - PER VERIZON CABLE REPRESENTATIVE, VERIZON DOES NOT HAVE ANY UNDERGROUND FACILITIES WITHIN THE AREA OF SURVEY. ALSO PER VERIZON REPRESENTATIVE, VERIZON STAKES FOUND IN THE AREA OF SURVEY ARE INTENDED FOR NEW GUY POLES WHICH HAVE NOT YET BEEN INSTALLED.
 - PER NATIONAL GRID REPRESENTATIVE, NATIONAL GRID DOES NOT HAVE RECORD OF UNDERGROUND ELECTRIC FACILITIES IN THE AREA OF SURVEY.
 - INVERTS, PIPE SIZES, AND PIPE CLASSIFICATIONS FOR SANITARY SEWER AND STORM DRAIN SYSTEMS, AS SHOWN HEREON, WERE DETERMINED BY INSPECTION AND MEASUREMENTS PERFORMED AT GROUND SURFACE LEVEL. (STRUCTURES WERE NOT PHYSICALLY ENTERED). THE RESULTS OF THE INSPECTIONS AND MEASUREMENTS MAY VARY FROM ACTUAL CONDITIONS AS COULD BE DETERMINED BY EXCAVATION OR USE OF CONFINED SPACE ENTRY PERSONNEL AND/OR EQUIPMENT.
 - TREES LOCATED WITHIN THE AREA OF SURVEY WHICH ARE UNDER 30 INCHES IN DIAMETER ARE NOT SHOWN HEREON.
 - THE LOCATIONS OF BORINGS SHOWN HEREON WERE PROVIDED BY PAUL B. ALDINGER & ASSOCIATES, INC.
 - THIS PLAN IS COPYRIGHT PROTECTED. IT IS A VIOLATION OF COPYRIGHT LAWS TO EDIT THIS PLAN AND CONTINUE TO REPRESENT IT AS THE ORIGINAL WORK OF WELCH ASSOCIATES LAND SURVEYORS, INC. IT IS ALSO A VIOLATION OF COPYRIGHT LAWS FOR ANYONE TO REPRESENT THIS PLAN AS THEIR OWN ORIGINAL WORK, WITH OR WITHOUT EDITING.

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB - 8 2011 FILE # 10-2176
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
W. Joseph Carey

PROJECT BENCHMARK "A"
BOX CUT SET IN NORTHWEST
CORNER OF LIGHTPOLE BASE.
ELEVATION=121.57(N.G.V.D. 1929)

BENCHMARK "HOLD"
(SEE NOTE 7)

I HEREBY CERTIFY THAT, IN MY PROFESSIONAL OPINION ALL INFORMATION SHOWN HEREON IS TRUE AND ACCURATELY SHOWN. THIS SURVEY AND PLAN CONFORM TO A CLASS "1" STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

DATE _____
PAMELA M. WELCH AS AGENT FOR WELCH ASSOCIATES LAND SURVEYORS, INC.
REGISTRATION NUMBER 1915
ORIGINAL IS STAMPED WITH PROFESSIONAL LAND SURVEYOR'S BLUE INK STAMP.

18F/95
F1(FARM) ZONE
CH(COMMERCIAL HIGHWAY) ZONE
SCALED ZONE LINE LOCATION FROM ASSESSOR'S MAP

18F/95
STATE OF RHODE ISLAND
BK. 40 PG. 251
(APPEARS TO HAVE BEEN TAKEN IN FEE FOR STATE HIGHWAY PLAT 1509)

STATE HIGHWAY LINE - RI HIGHWAY PLAT #1509A
(DISCONTINUED PER PLAT #1975)

18F/95
APPROXIMATE LOCATION OF PROPOSED WATER LOCATIONS

FREEWAY LINE (NO ACCESS)
RI HIGHWAY PLAT #1975

ROUTE 4
R.I. HIGHWAY PLAT 1975
BK. 84 PG. 21

APPROXIMATE PROPERTY LINE (SEE NOTE 2)

APPROXIMATE LOCATION OF FORCE MAIN

APPROXIMATE LOCATION OF FORCE MAIN

APPROXIMATE LOCATION OF FORCE MAIN

APPROXIMATE LOCATION OF FORCE MAIN

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APPROXIMATE LOCATION OF FORCE MAIN

APPROXIMATE LOCATION OF FORCE MAIN

PARCEL DATA	
ASSESSOR'S PLAT 180 LOT 63	
CURRENT OWNER OF RECORD: UNITED STATES OF AMERICA	
OWNERSHIP REFERENCES:	
DEED:	BOOK 41 PAGE 199
TAKING:	BOOK 41 PAGE 148-155
US DISTRICT COURT CASE MISC #196:	BOOK 31 PAGE 148,155,205 (SEE NOTE 3)
RECORDED PLAN REFERENCES:	PLAN #190 PLAN #533
AREA:	APPROX 146 ACRES (PER ASSESSOR'S MAP)

RHODE ISLAND ARMY NATIONAL GUARD

DESIGNED BY: E. PONTES
DRAWN BY: D. REYNOLDS
CHECKED BY: S. GREGORY
SCALE: AS NOTED

DATE FILED: C-100
JOB NUMBER: 10/04/10
DATE: 11/22/2010
JACOBS
THREE BULLSTON PLAZA, 160 NORTH CLEVE ROAD, SUITE 200
PROVIDENCE, RHODE ISLAND 02909
TEL: 401-288-0000
FAX: 401-288-0000

PRIME A-E:
SURVEYOR: Welch Associates Land Surveyors, Inc.
518 NORTH MAIN STREET
WEST BROADHEATHEN, MA 02070
Paul B. Aldinger & Associates, Inc.
860A WATERMAN AVENUE
SUITE 8 EAST PROVIDENCE, RI 02914
ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING
340 CONGRESS STREET
BOSTON, MA 02210

UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO)
CAMP FOGARTY EAST GREENWICH, RI

EXISTING CONDITIONS SURVEY

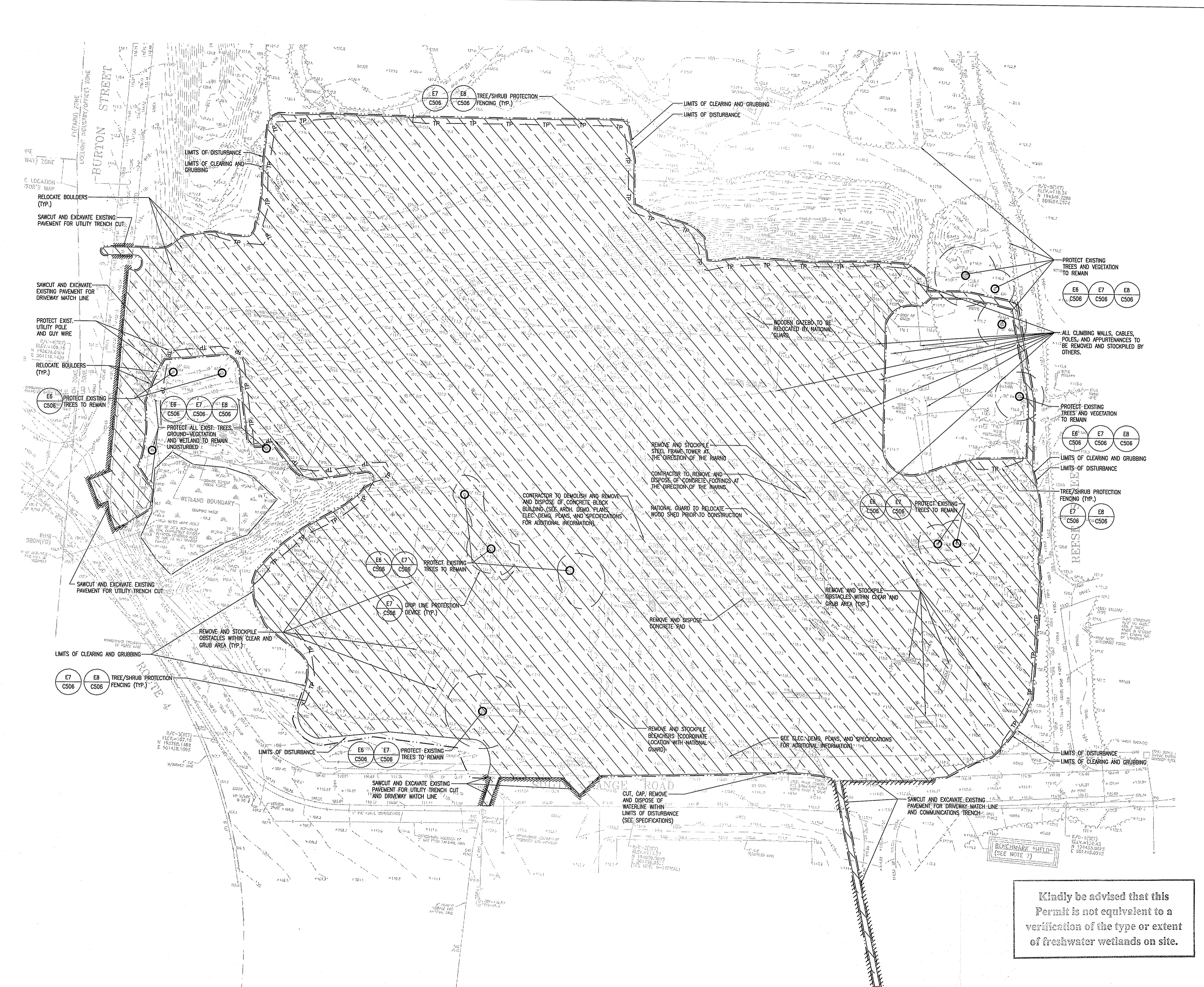
440016

W9133N-04-D-0001

FILE NO.

2 of 16
C-100

NO.	DATE	REVISIONS	NO.	DATE	REVISIONS



LEGEND:

- LIMITS OF CLEARING AND GRUBBING
- LIMITS OF DISTURBANCE
- PAVEMENT SAWCUT LINE
- TREE PROTECTION DEVICE (THOSE LARGE TREES WITHIN/NEAR LIMIT OF DISTURBANCE AREAS)
- TREE/SHRUB PROTECTION FENCING

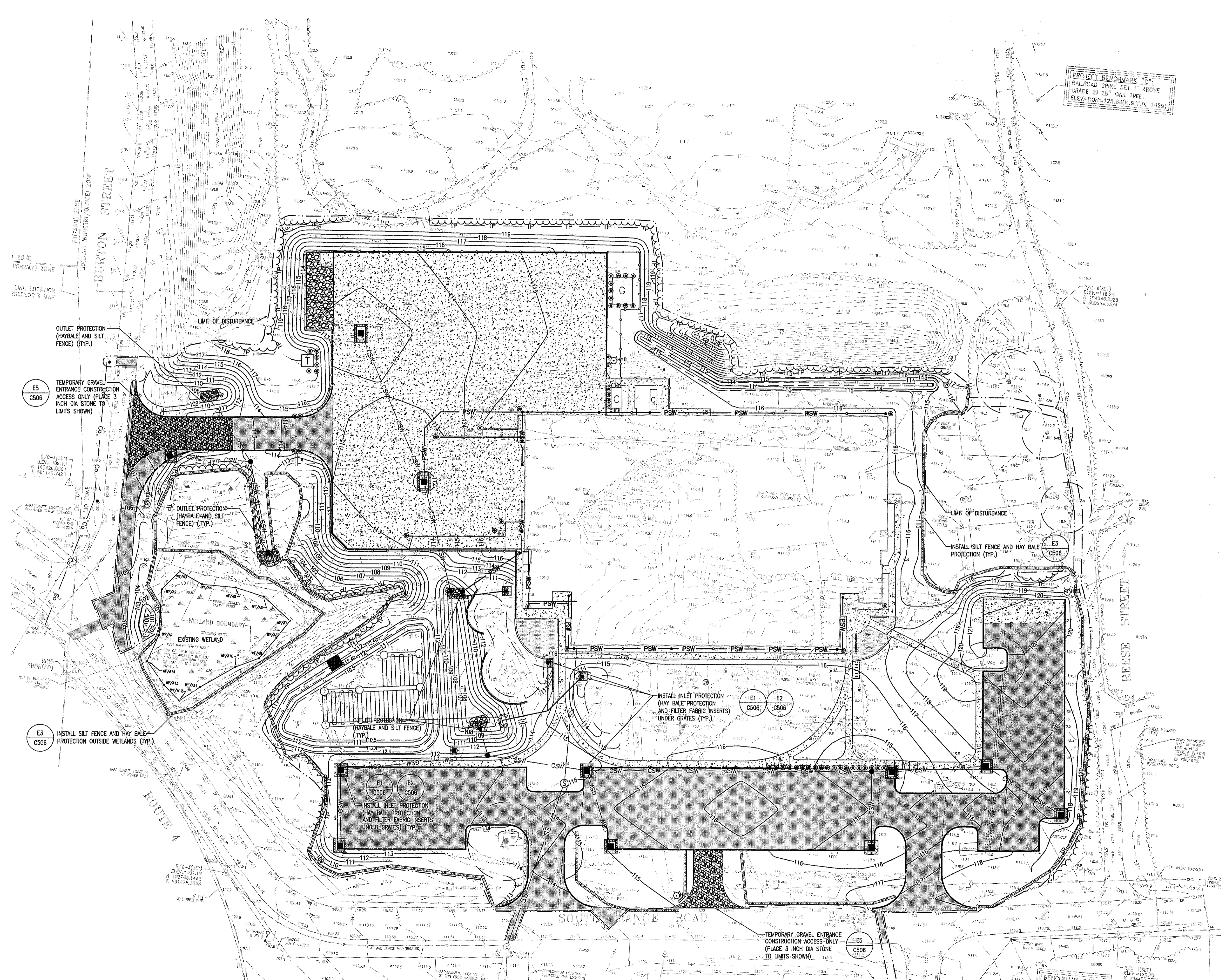
- NOTES:**
1. CONTRACTOR SHALL REINSTALL THE ROPES COURSE (AS REMOVED BY OTHERS) AT ANOTHER LOCATION WITHIN CAMP FOGARTY AS DIRECTED AND TO BE DETERMINED BY THE RIARING. CONTRACTOR TO OBTAIN SCOPE OF WORK FROM RIARING CONTRACTING OFFICER PRIOR TO SUBMITTING BID FOR THIS ITEM. THE LOCATION OF THE REINSTALLATION OF THE STOCKPILED ROPES COURSE STATIONS SHALL BE DETERMINED BY THE RIARING AT A TIME OF THEIR CHOOSING. THE RIARING WILL ALSO LATER DETERMINE IF THIS WORK WILL BE AN ADD-ON ELEMENT OF THIS CONTRACT; ELSE IF IT IS TO BE AWARDED AS A SEPARATE CONTRACT TO A SPECIALTY CONTRACTOR.
 2. CONTRACTOR TO COORDINATE WITH NATIONAL GUARD REGARDING ITEMS TO BE REMOVED BY THE NATIONAL GUARD. ANY PHYSICAL FEATURES WITHIN THE LIMIT OF DISTURBANCE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
 3. CONTRACTOR TO TAKE CARE IN PROTECTION OF TREES TO REMAIN. SEE LAYOUT PLAN FOR TREES TO REMAIN.
 4. CAMP FOGARTY CURRENTLY HAS TWO ELECTRICAL SERVICES FOR THE SITE. ONE IS A PRIMARY METERED SERVICE FOR THE BASE. DISTRIBUTION IS OWNED BY THE NATIONAL GUARD. THE SECOND UTILITY IS FURNISHED AND MAINTAINED BY NATIONAL GRID. CONTRACTOR SHALL TAKE CAUTION IN ANY REMOVAL OF ELECTRICAL UTILITIES. COORDINATE WITH BASE FACILITIES AND NATIONAL GRID.
 5. EXISTING CONDITIONS SHOWN IN THIS PLAN REFLECT SITE FEATURES THAT EXISTED AT THE TIME OF THE ORIGINAL PROJECT SURVEY - AUGUST 2009. THE CONTRACTOR SHALL NOTE THAT CURRENT SITE CONDITIONS VARY DUE TO SITE PREPARATION WORK PERFORMED IN 2010 BY ANOTHER CONTRACTOR UNDER SEPARATE CONTRACT WITH RIARING. CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID.

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
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 DATED FEB - 8 2011 FILE # 12-0176
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W. Joseph Conroy

RHODE ISLAND ARMY NATIONAL GUARD				UNITED STATES PROPERTY AND FISCAL OFFICE		SITE PREPARATION PLAN		3 of 16
DESIGNED BY: E. POITES		CADD FILE NAME: CP-101		PRIME A-E: JACOBS		SURVEYOR: Which Associates Land Surveyors, Inc. 218 NORTH MAIN STREET WEST BROOKFIELD, MA 02789		UNITED STATES PROPERTY AND FISCAL OFFICE CAMP FOGARTY EAST GREENWICH, RI
DRAWN BY: B. REYNOLDS		JOB NUMBER: FDWD4104		DATE: 12/23/2010		GEO TECHNICAL ENGINEER: Paul B. Adinger & Associates, Inc. 860A WATERMAN AVENUE SUITE 9, EAST PROVIDENCE, RI 02914		
CHECKED BY: S. GREGORY		PROJECT DATE: 12/23/2010		TAXES: AS NOTED		ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 343 CONGRESS STREET BOSTON, MA 02210		ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES DEC 22 2010
NO.	DATE	REVISIONS	NO.	DATE	REVISIONS	DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED FEB - 8 2011 FILE # 12-0176 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE. <i>W. Joseph Conroy</i>		
NO.		DATE		REVISIONS		FILE NO. 440016		CONTRACT NO. W9133N-04-D-0001



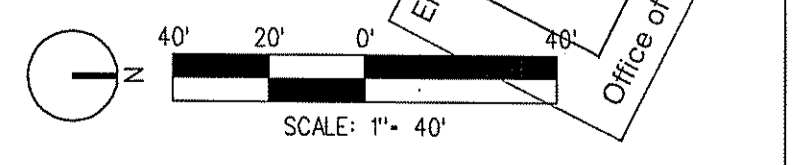
- LEGEND:**
- TP — TREE/SHRUB PROTECTION FENCING
 - PSW — PROPOSED PVC ROOF DRAIN LEADER COLLECTION PIPE
 - CSW — PROPOSED STORMWATER CONCRETE RCP PIPE
 - TREELINE — PROPOSED TREELINE
 - INLET PROTECTION
 - ▭ PROPOSED HAYBALE AND SILT FENCE
 - ◻ TEMPORARY CONTRACTOR VEHICLE ENTRANCE

- NOTES:**
1. HAYBALE BARRIERS WILL BE PLACED AT EACH NEWLY INSTALLED CATCH BASIN. 3 FOOT BY 3 FOOT SQUARE SECTIONS OF SILT MESH FABRIC WILL ALSO BE PLACED UNDER ALL GRATE CASTINGS TO TRAP ANY SEDIMENT CARRIED BY SURFACE RUNOFF THAT THE STRAW BALES MAY NOT TRAP.
 2. NO RUNOFF ORIGINATING FROM THE CONSTRUCTION DISTURBANCE AREAS SHALL BE DIRECTED TOWARD ANY UNPROTECTED CATCH BASINS NOR SHALL BE PUMPED INTO CATCH BASINS DURING CONSTRUCTION.
 3. THE CONTRACTOR SHALL PROVIDE PAVEMENT SWEEPING AT THE END OF EACH CONSTRUCTION WORK DAY'S OPERATIONS TO MINIMIZE SEDIMENTATION MIGRATING FROM THE DISTURBANCE AREAS AND FROM VEHICLE TIRES TRANSPORTING SEDIMENTS TO AND FROM THE SITE.
 4. ALL CLEARED AND GRADED SOILS IN NEWLY CREATED GREEN AREAS WILL BE SLOPED AS SHOWN IN THE PLANS. WITHIN FOURTEEN DAYS OF FINAL GRADING, SOIL SURFACES SHALL BE FERTILIZED AND SEED TO EXPEDITE ROOT SYSTEM GROWTH TO MINIMIZE SURFACE EROSION.
 5. AFTER SEEDING, EACH AREA WILL BE MULCHED WITH JUTE MESH TO REDUCE SOIL EROSION AND PROMOTE SEED AND ROOT GROWTH.
 6. TEMPORARY STOCKPILES OF GRAVEL AND TOPSOIL WILL NOT BE PERMITTED ON PAVED SURFACES. CONTRACTOR SHALL TAKE DELIVERY OF SUCH MATERIALS ON AN AS-NEEDED BASIS COINCIDING WITH PLACEMENT OF SAND MATERIAL. EXCAVATED SOIL MATERIALS SHALL BE REMOVED FROM THE SITE UPON DETERMINING THEY ARE EITHER UNSUITABLE OR IN SURPLUS OF MATERIALS REQUIRED TO COMPLETE CONSTRUCTION.
 7. CONTRACTOR SHALL PROVIDE A CENTRALIZED LOCATION FOR A DUMPSTER FOR ALL LITTER COLLECTION TO BE DEPOSITED. NO STRAY OR WIND-BLOWN LITTER SHALL BE PERMITTED ON THE PROJECT SITE AT ANY TIME.
 8. NO TRUCK TIRE OR VEHICLE WASH DOWNS SHALL BE PERMITTED ON SITE.
 9. CONTRACTOR SHALL MINIMIZE THE TIME BETWEEN EXPOSING EXISTING SUB SURFACE SOILS FOLLOWING REMOVAL OF THE EXISTING PAVEMENT AND WHEN NEW PAVEMENT SURFACES ARE APPLIED.
 10. NEW DRAINAGE MANHOLES AND CATCH BASINS SHALL BE INSTALLED WITH 4 FOOT DEEP SUMPS TO PROMOTE SETTLEMENT SEPARATION OF SUSPENDED SOLIDS IN COLLECTED STORMWATER. THE CONTRACTOR SHALL INSTALL HAYBALE BARRIERS AND SILT MESH FABRIC (UNDER CASTINGS) FOR EACH NEW DRAINAGE STRUCTURE INSTALLED.
 11. HAYBALE BARRIERS AND SILT MESH FABRIC SECTIONS SHALL NOT BE REMOVED FROM THE CATCH BASIN GRATES UNTIL THE FINAL SURFACE SWEEPING IS PERFORMED ON THE NEWLY PAVED ASPHALT SURFACES THROUGHOUT THE LIMITS OF THE PROJECT.
 12. THE CONTRACTOR SHALL COMPLY WITH ANY AND ALL OTHER ORDERS OF CONDITIONS ISSUED BY THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT UNDER THE PROJECT PERMIT. ALL MONITORING RECORDS SHALL BE RETAINED FOR 5 YEARS FOLLOWING THE DATE OF CONSTRUCTION COMPLETION.
 13. THE CONTRACTOR SHALL INSTALL A TEMPORARY GRAVEL ENTRANCE AT THE LOCATION SHOWN IN RELATION TO THE PERMANENT SITE DRIVEWAYS TO PROVIDE REMOVAL OF SOIL AND MUD FROM THE TIRES OF CONSTRUCTION VEHICLES EXITING THE SITE.
 14. THE FOLLOWING ALLOWABLE NON-STORMWATER DISCHARGES ARE PERMITTED DURING CONSTRUCTION: WATER TO CONTROL DUST, FIRE FIGHTING ACTIVITIES AND FIRE HYDRANT FLUSHING ONLY. NO OTHER DISCHARGES ESPECIALLY THOSE INVOLVING DETERGENT ADDITIVES WILL BE PERMITTED DURING CONSTRUCTION AT ANY TIME.
 15. THE CONTRACTOR SHALL USE EXTENSIVE CARE NOT TO CAUSE ANY SOLID OR LIQUID MATERIAL SPILLS DURING CONSTRUCTION. IN THE EVENT A DETRIMENTAL SPILL DOES OCCUR, THE CONTRACTOR SHALL NOT BURY NOR WASH DOWN THE SPILL TO ANY NEARBY DRAIN OR LOW COLLECTION AREA. THE SPILL MUST BE CONTAINED AND MECHANICALLY PICKED UP FROM THE GROUND SURFACE IMMEDIATELY WITHOUT DELAY WITH ALL SPILL MATERIALS AND CONTAMINATED SOILS EXCAVATED AND DISCARDED OFF-SITE LEGALLY TO A LOCAL LANDFILL. THE SPILL SITE MUST BE CLEANED OF ALL SPILL MATERIAL AND IT SHALL BE INSPECTED TO THE APPROVAL OF THE OWNER'S CONSTRUCTION MANAGER FOR ANY EVIDENCE OF REMAINING SURFACE AND SUBSURFACE GROUND CONTAMINATION.
 16. THE CONTRACTOR SHALL INITIATE ALL VEGETATIVE PLANTINGS AND GRASS PLANTING IN ALL DISTURBED AREAS WITHIN 14 DAYS OF COMPLETING ALL CONSTRUCTION ACTIVITY IN THESE AREAS AS THE WORK PROGRESSES. NO EXPOSED SURFACE SOILS PRONE TO CONTRIBUTING TO SEDIMENTATION-LOADED RUNOFF SHALL BE PERMITTED. THE ENGINEER WILL PERFORM INSPECTIONS ACCORDINGLY.
 17. THE CONTRACTOR SHALL GUARD AGAINST THE FOLLOWING POLLUTANT SOURCES FROM ENTERING THE RUNOFF STREAM DURING CONSTRUCTION: OILS, GREASES, ORGANICS, PETROCHEMICAL PRODUCTS, BUILDING WASTE MATERIAL, HUMAN WASTE, AND LITTER.
 18. ALL CONSTRUCTION WASTE SHALL BE COLLECTED AND MANAGED ON A DAILY BASIS. CONSTRUCTION WASTE SHALL BE LEGALLY DISPOSED OF OFF-SITE ON AN AS-NEEDED BASIS IN ORDER TO MAINTAIN A CLEAN AND SAFE WORKSITE.
 19. ALL STORM WATER CONTROLS MUST BE INSPECTED EVERY 7 DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT THAT GENERATES AT LEAST 0.25 INCHES OF RAINFALL. BASED ON THE RESULTS OF THE INSPECTIONS THE SITE DESCRIPTION AND POLLUTION PREVENTION MEASURES IDENTIFIED IN THE SWPPP MUST BE REVISED AS APPROPRIATE. REVISION IN NO CASE LATER THAN 7 DAYS FOLLOWING THE INSPECTION.
 20. STOCKPILE AREAS SHALL BE LOCATED WITHIN THE LIMIT OF DISTURBANCE AND COORDINATED WITH THE OWNER.
 21. EXISTING CONDITIONS SHOWN IN THIS PLAN REFLECT SITE FEATURES THAT EXISTED AT THE TIME OF THE ORIGINAL PROJECT SURVEY - AUGUST 2009. THE CONTRACTOR SHALL NOTE THAT CURRENT SITE CONDITIONS VARY DUE TO SITE PREPARATION WORK PERFORMED IN SEPTEMBER 2010 BY ANOTHER CONTRACTOR UNDER SEPARATE CONTRACT WITH RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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DATED FEB - 8 2011 FILE # 10-0116
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W. Joseph Casey


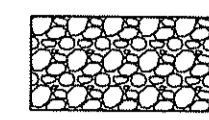
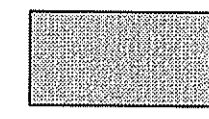
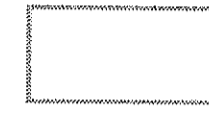

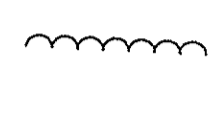
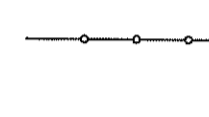
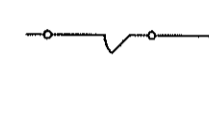


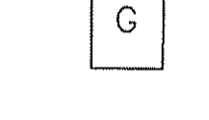
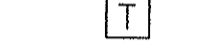


RHODE ISLAND ARMY NATIONAL GUARD			
DESIGNED BY: R. CAPRARA	DATE: CE-101	PRIME A-E:	SURVEYOR: Wich Associates Land Surveys, Inc. 218 NORTH MAIN STREET WEST BROOKFIELD, MA 01581
DRAWN BY: B. REYNOLDS	DATE: FDWD4104		PROJECT A-E: Paul B. Adinger & Associates, Inc. 88A WATERMAN AVENUE SUITE 9, EAST PROVIDENCE, RI 02914
CHECKED BY: S. GREGORY	DATE: 12/23/2010		ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 343 CONGRESS STREET BOSTON, MA 02210
SCALE: AS NOTED			

NO.	DATE	REVISIONS	NO.	DATE	REVISIONS

UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY EAST GREENWICH, RI	EROSION AND SEDIMENTATION CONTROL PLAN	PROJECT NO.: 440016 CONTRACT NO.: W9133N-04-D-0001 FILE NO.:
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LEGEND:

-  CONCRETE PAVEMENT
-  8" GRAVEL OVER FILTER FABRIC
-  ASPHALT PAVEMENT (SEE NOTE 7 BELOW)
-  BUILDING
-  BIKE RACK
-  TREELINE
-  8' HIGH CHAIN LINK SECURITY FENCE
-  PEDESTRIAN GATE IN FENCE
-  PROPOSED BOLLARD
-  PROPOSED CHILLER PAD
-  PROPOSED GENERATOR PAD
-  TRANSFORMER AND CONCRETE UTILITY PAD

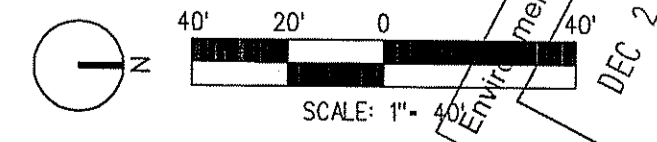
NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. ALL SITE ELEMENTS ARE PERPENDICULAR TO ONE ANOTHER UNLESS OTHERWISE NOTED.
3. SEE LANDSCAPE DRAWINGS FOR LAYOUT OF LANDSCAPE ELEMENTS.
4. CONTRACTOR SHALL REFER TO SITE PREPARATION PLAN AND SITE GRADING PLAN FOR LIMITS OF DISTURBANCE BOUNDARIES PERMITTED ON THE PROJECT.
5. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF PROPOSED CONCRETE LANDING PADS AT EGRESS DOOR LOCATIONS.
6. ALL PROPOSED GROUND SURFACE AREAS SHALL BE GRASS/LAWN UNLESS OTHERWISE NOTED.
7. ARCHITECTURAL BOLLARD SHALL BE WAUSAU TILE MODEL TF 6070 RST122029 UTILIZING ANCHOR STYLE B OR APPROVED EQUAL. SPACING SHALL BE 60" O.C. OR LESS. BOLLARDS SHALL BE LOCATED WITHIN WALKWAY AGAINST BIT. PAVEMENT EDGE. WALKWAY WIDTH AT BOLLARDS SHALL BE A TOTAL OF 80"; PROVIDING 60" BEHIND THE BOLLARD.
8. CONTRACTOR SHALL INSTALL SIGNAGE IN 7 PARKING SPACES FOR "LOW-EMITTING FUEL EFFICIENT VEHICLES ONLY" AND SIGNAGE AN ADDITIONAL 7 PARKING SPACES FOR "CARPOOL VEHICLES ONLY".
9. ALL PARKING SIGNAGE CONSTRUCTED WITHIN THE SIDEWALK SHALL BE LOCATED SO AS TO PROVIDE FOR MAXIMUM SIDEWALK WIDTH. MINIMUM WIDTH BETWEEN OBSTRUCTION AND EDGE OF WALKWAY SHALL BE 32".
10. REFER TO ELECTRICAL SITE PLAN DETAIL FOR BOTH LUMINAIRE AND BOLLARD SITE LIGHTING INSTALLATIONS.
11. CONSTRUCTION AS SHOWN ON THIS PLAN SHALL BE IN ACCORDANCE WITH EXCEPT FROM 28 CFR PART 36; ADA STANDARDS FOR ACCESSIBLE DESIGN, INCLUDING BUT NOT LIMITED TO SECTION 4.13.6 MANEUVERING CLEARANCES AT DOORS.
12. EXISTING CONDITIONS SHOWN IN THIS PLAN REFLECT SITE FEATURES THAT EXISTED AT THE TIME OF THE ORIGINAL PROJECT SURVEY - AUGUST 2009. THE CONTRACTOR SHALL NOTE THAT CURRENT SITE CONDITIONS VARY DUE TO SITE PREPARATION WORK PERFORMED IN SEPTEMBER 2010 BY ANOTHER CONTRACTOR UNDER SEPARATE CONTRACT WITH RIANS.
13. SEE SPECIFICATIONS FOR CONCRETE PAVEMENT JOINT LAYOUT INFORMATION.

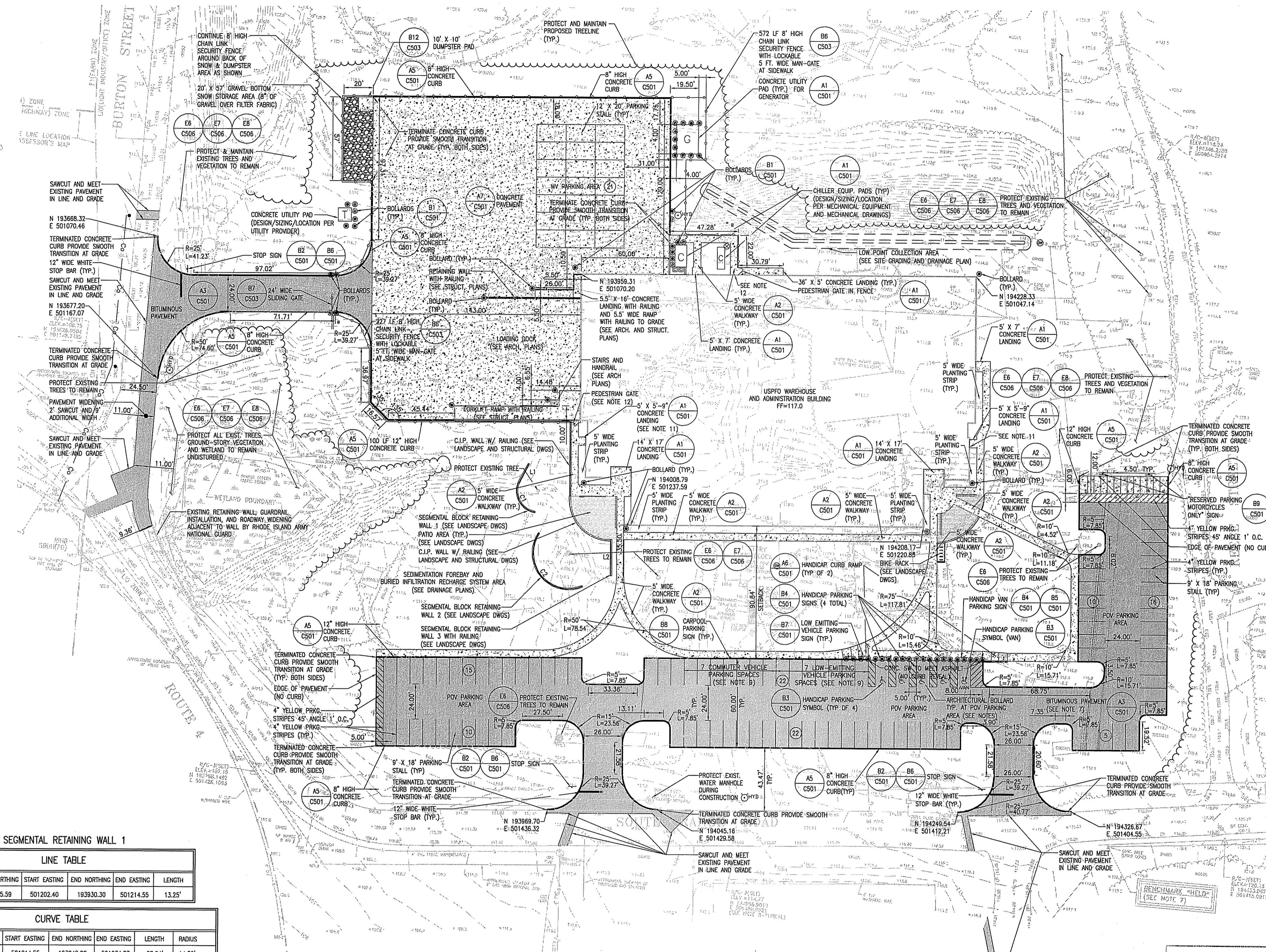
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB - 8 2011 FILE # 10-0174
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

W. Joseph Carney



Department of Environmental Management
Office of Water Resources
DEC 2 2 2010



SEGMENTAL RETAINING WALL 1

LINE TABLE					
LINE	START NORTHING	START EASTING	END NORTHING	END EASTING	LENGTH
L1	193935.59	501202.40	193930.30	501214.55	13.25'

CURVE TABLE

CURVE	START NORTHING	START EASTING	END NORTHING	END EASTING	LENGTH	RADIUS
C1	193930.30	501214.55	193942.90	501234.83	28.04'	14.50'

SEGMENTAL RETAINING WALL 2

CURVE TABLE						
CURVE	START NORTHING	START EASTING	END NORTHING	END EASTING	LENGTH	RADIUS
C2	193946.82	501248.56	193978.09	501282.20	63.01'	24.50'

SEGMENTAL RETAINING WALL 3

LINE TABLE					
LINE	START NORTHING	START EASTING	END NORTHING	END EASTING	LENGTH
L2	193996.28	501248.67	193998.40	501273.32	24.75'

NOTE:
RETAINING WALL COORDINATES LISTED ARE TO CENTER OF WALL.

NO.	DATE	REVISIONS	NO.	DATE	REVISIONS

RHODE ISLAND ARMY NATIONAL GUARD

DESIGNED BY: E. PONTES	CADD FILE NAME: CS-101	PRIME A-E:	SURVEYOR: Wahig Associates Land Surveyors, Inc. 216 NORTH MAIN STREET WEST BRIDGEWATER, MA 02729
DRAWN BY: B. REYNOLDS	JOB NUMBER: FDW04104	JACOBS	GEOTECHNICAL ENGINEER: Paul B. Adger & Associates, Inc. 882A WATERMAN AVENUE SUITE B, EAST PROVIDENCE, RI 02914
CHECKED BY: S. OREGORY	POST DATE: 12/23/2010	THREE WALLS PLAZA, 100 NORTH OLIVE ROAD, SUITE 200 PROVIDENCE, RHODE ISLAND 02909 TEL: 401 288 8000 FAX: 401 288 8000	ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 943 CONGRESS STREET BOSTON, MA 02210

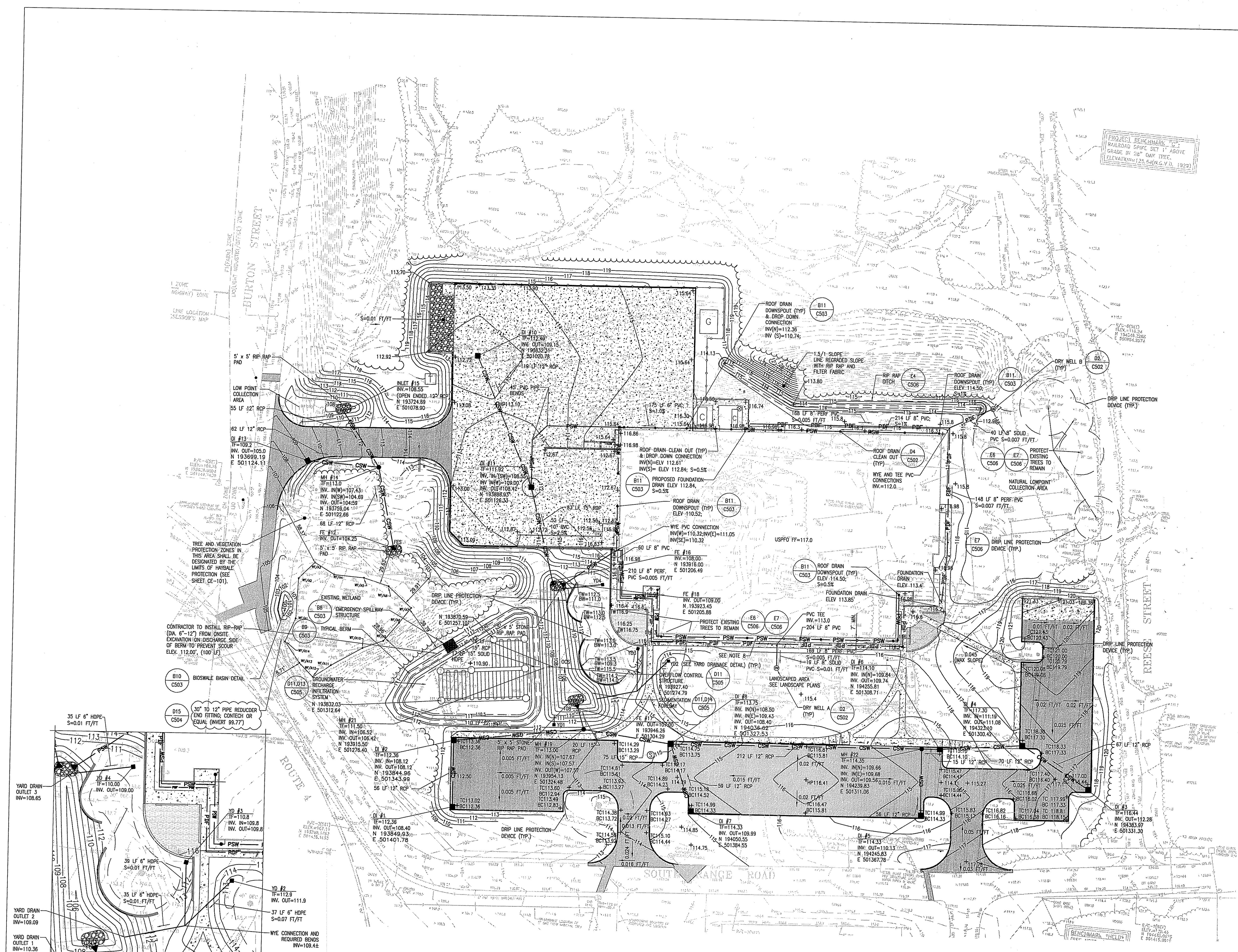
UNITED STATES PROPERTY AND FISCAL OFFICE (USPFCO) CAMP FOGARTY EAST GREENWICH, RI	SITE LAYOUT PLAN	DEPT 5 of 16
PH: 440016	CONTRACT NO.: W9133N-04-D-0001	ISSUE NO. CS-101
FILE NO.		REVISION

LEGEND:

- PSW — PROPOSED PVC ROOF DRAIN LEADER COLLECTION PIPE
- CSW — PROPOSED STORMWATER CONCRETE RCP PIPE
- PBF — PROPOSED FOUNDATION DRAIN HALF-PERFORATED PVC PIPE
- PROPOSED CATCH BASIN
- YDX PROPOSED YARD DRAIN
- PROPOSED DEEP-SUMP DRAINAGE MANHOLE
- PROPOSED OUTLET CONTROL STRUCTURE
- ▼ PROPOSED FLARED END SECTION
- PROPOSED ROOF DRAIN LEADER LOCATION (COORDINATE WITH PLUMBING PLANS)
- PROPOSED ROOF DRAIN CLEAN OUT
- ⊗ PROPOSED WATER VALVE
- +114.23 PROPOSED SPOT GRADE ELEVATION
- 158 — PROPOSED CONTOUR
- FLOW DIRECTION ARROW
- ▭ BUILDING
- DRIP LINE PROTECTION DEVICE
- ⊙ PROPOSED DRYWELL

NOTES:

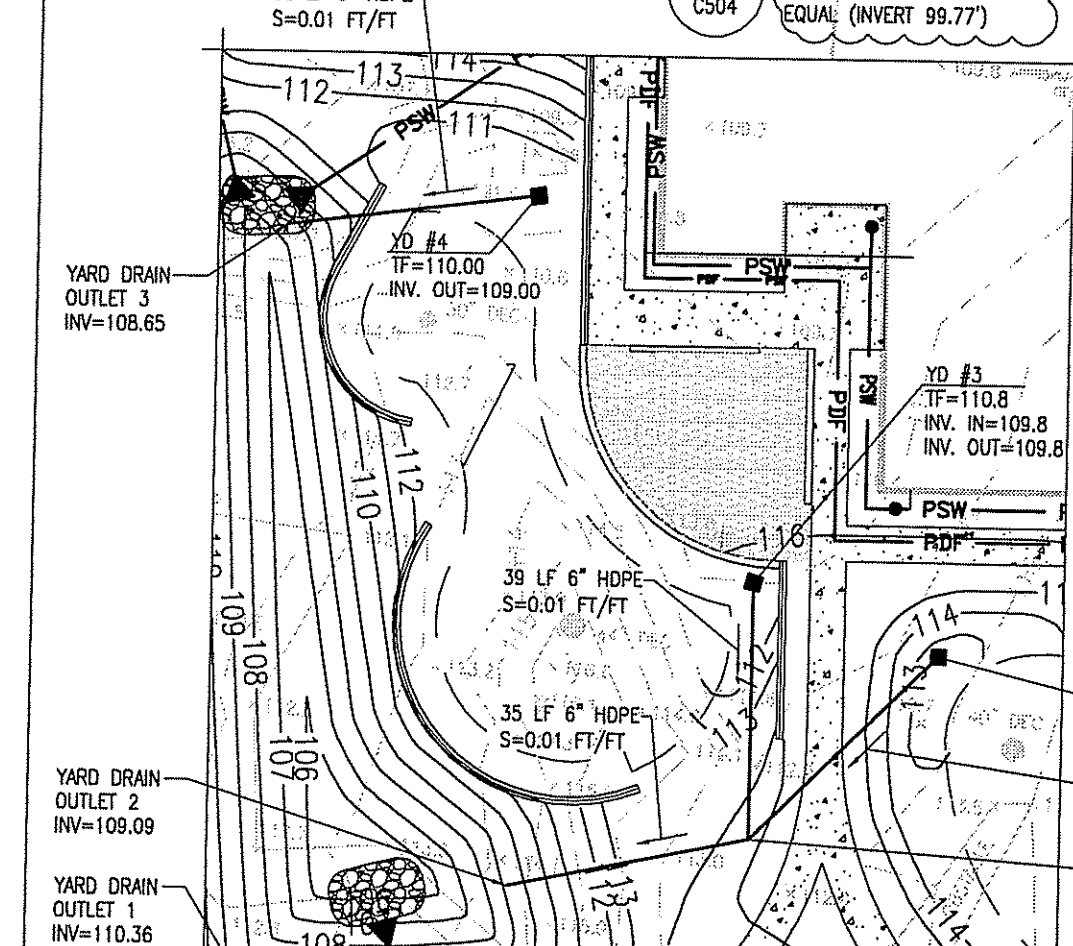
1. PROVIDE PRECAST CONCRETE MANHOLE IN ACCORDANCE WITH RIDOT STANDARD 4.2.1.
2. PROVIDE HEAVY-DUTY FRAME AND ROUND COVER IN ACCORDANCE WITH DETAIL D9 ON DRAWING C-504.
3. FLARED END SECTIONS TO BE CONCRETE END SECTIONS IN ACCORDANCE WITH RIDOT STANDARD 2.3.0.
4. PROVIDE OUTLET PROTECTION (HYABLES AND SILT FENCE) AT ALL END SECTIONS.
5. CONTRACTOR SHALL CONFIRM EXISTING GRADES PRIOR TO CONSTRUCTION.
6. CONTRACTOR SHALL REFER TO DETAILS AND SPECIFICATIONS FOR DRAINAGE PIPES AND STRUCTURES INSTALLATION REQUIREMENTS.
7. ALL CATCH BASINS SHALL INCLUDE THE INSTALLATION OF CATCH BASIN HOOD IN ACCORDANCE WITH DETAIL D6 ON DRAWING C-504.
8. PROPOSED FOOTING DRAIN INSTALLATION ALONG BUILDING PERIMETER SHALL CONFORM TO SPECIFICATION AND PROPOSED PIPE AND TRENCH PLACEMENT AT FOUNDATION DETAIL ON STRUCTURAL DRAWINGS (SEE DWG S300, DETAIL B2).
9. EXISTING CONDITIONS SHOWN IN THIS PLAN REFLECT SITE FEATURES THAT EXISTED AT THE TIME OF THE ORIGINAL PROJECT SURVEY - AUGUST 2009. THE CONTRACTOR SHALL NOTE THAT CURRENT SITE CONDITIONS VARY DUE TO SITE PREPARATION WORK PERFORMED IN SEPTEMBER 2010 BY ANOTHER CONTRACTOR UNDER SEPARATE CONTRACT WITH RARI.
10. PIEZOMETERS LOCATED AT B-17 AND B-18 TO BE PROTECTED FROM DAMAGE DURING INFILTRATION EXCAVATION AND CONSTRUCTION.



PROPOSED BENCHMARK
RAILROAD SPIKE SET 1' ABOVE
GRADE IN 26" OAK TREE.
FILE # 125.54 (N.G.V.D. 1929)

CONTRACTOR TO INSTALL RIP-RAP
(DIA. 6"-12") FROM ONSITE
EXCAVATION ON DISCHARGE SIDE
OF BERM TO PREVENT SCOUR
ELEV. 112.00' (100 LF)

NOT TO 12" PIPE REDUCER
(END FITTING: CONE OR
EQUAL (INVERT 99.77'))

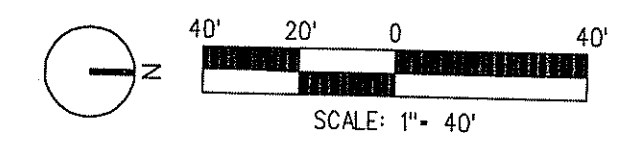


- NOTES:
1. YARD DRAIN PIPING SHALL BE 6" HDPE.
 2. YARD DRAIN BASINS SHALL BE ACO SERIES 612 OR APPROVED EQUAL.
 3. YARD DRAINS SHALL BE FIELD LOCATED AT LOW POINT AND IN A LOCATION THAT AVOIDS LARGE TREE ROOTS.

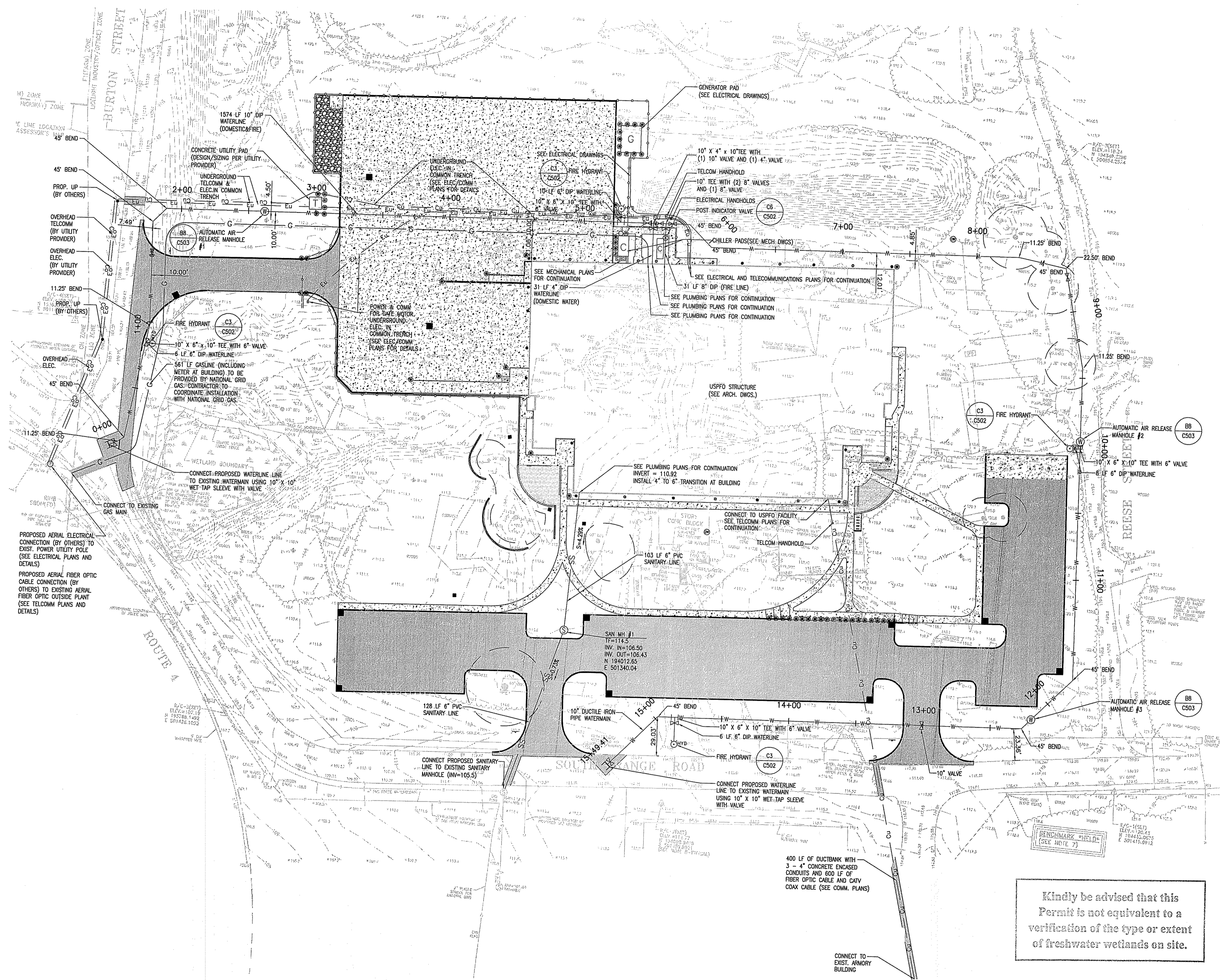
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB - 8 2011 FILE # 12-2176
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

W. Joseph Conroy



RHODE ISLAND ARMY NATIONAL GUARD					
DESIGNED BY: R. CAPRARA	CAD FILE NAME: 00-01	DATE: 12/23/2010	SCALE: AS NOTED		
DRAWN BY: B. REYNOLDS	JOB NUMBER: FDWD4104	PROJECT NAME: SUITE 5, EAST PROVIDENCE, RI	CLIENT: JACOBS ENGINEERING 340 CONGRESS STREET BOSTON, MA 02210		
CHECKED BY: S. GREGORY	DATE: 12/23/2010	PROJECT LOCATION: SUITE 5, EAST PROVIDENCE, RI 02914	PROJECT NUMBER: W9133N-04-D-0001		
SURVEYOR: Witch Associates Land Surveyors, Inc. 216 NORTH MAIN STREET WEST BRIDGEWATER, MA 02779		UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY EAST GREENWICH, RI			
GEOTECHNICAL ENGINEER: Paul B. Anthony & Associates, Inc. 862A WATERMAN AVENUE SUITE 5, EAST PROVIDENCE, RI 02914		SITE GRADING AND DRAINAGE PLAN			
ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 340 CONGRESS STREET BOSTON, MA 02210		SHEET 6 of 16 DRAWING NO. CG-101 REVISION			
NO.	DATE	REVISIONS	NO.	DATE	REVISIONS

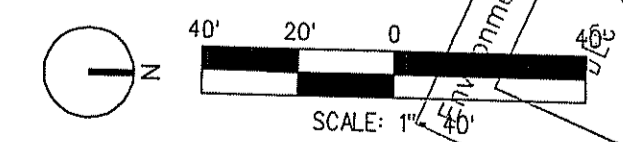


- LEGEND:**
- W — PROPOSED WATERLINE
 - C_{HYD} — PROPOSED FIRE HYDRANT
 - SS — PROPOSED SANITARY SEWER
 - S — PROPOSED SANITARY SEWER MANHOLE
 - W — PROPOSED AUTOMATIC AIR RELEASE WATER MANHOLE
 - G — PROPOSED GAS LINE (BY OTHERS)
 - E_O — OVERHEAD ELECTRICAL LINE
 - E_U — UNDERGROUND ELECTRICAL LINE
 - C_U — BURIED TELECOMMUNICATIONS LINE
 - C_O — OVERHEAD TELECOMMUNICATIONS LINE
 - V — PROPOSED WATER VALVE
 - P — POST INDICATOR VALVE
 - C — PROPOSED CHILLER PAD
 - T — PROPOSED TRANSFORMER PAD (BY OTHERS)
 - G — PROPOSED GENERATOR PAD
 - B — PROPOSED BOLLARD
 - BLDG — BUILDING

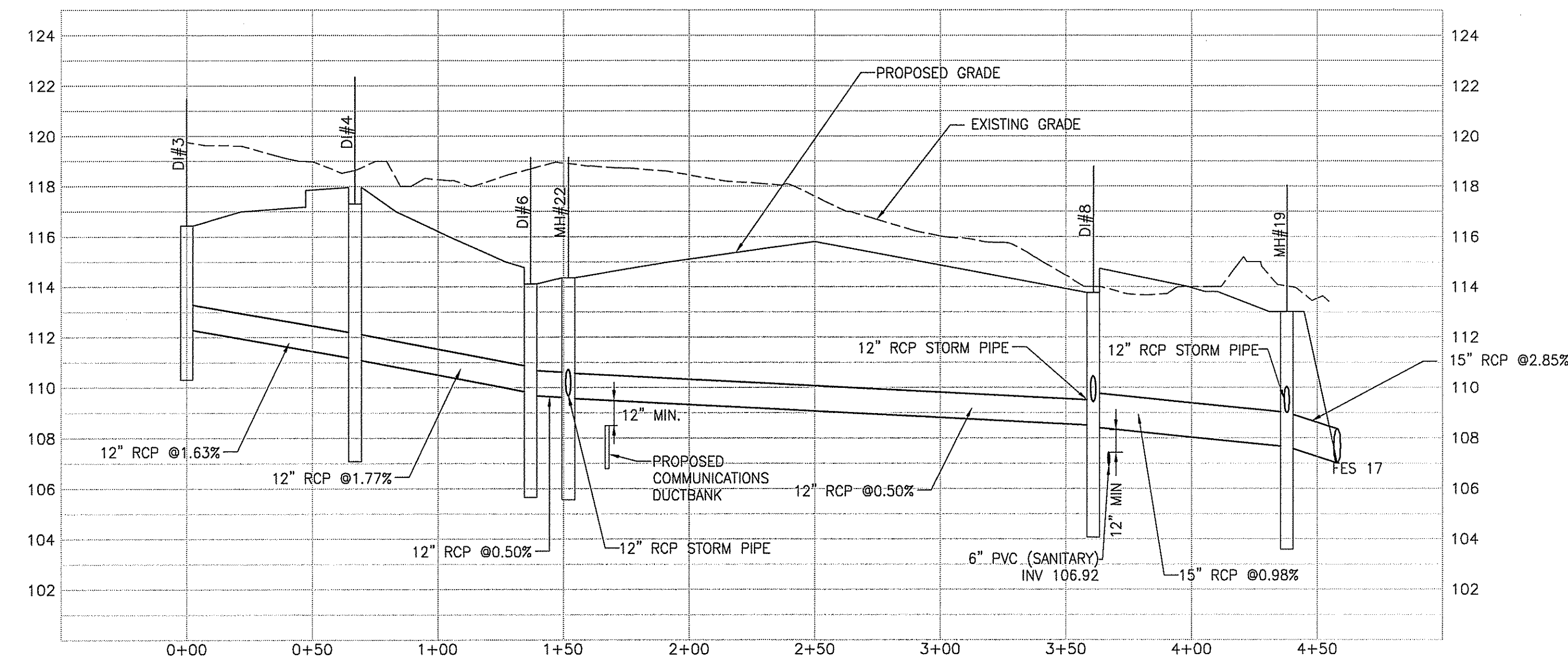
- NOTES:**
1. PROVIDE NECESSARY ADAPTORS TO TRANSITION FROM PIPE MATERIALS AND SIZES SHOWN ON PLUMBING PLAN TO SIZES AND MATERIALS SHOWN.
 2. MAINTAIN 18" VERTICAL SEPARATION BETWEEN PROPOSED WATERLINES AND SANITARY SEWERS. PROVIDE 45° VERTICAL BENDS TO ROUTE WATERLINES BENEATH STORM SEWERS AS REQUIRED.
 3. CAMP FOGARTY CURRENTLY HAS TWO ELECTRICAL SERVICES FOR THE SITE. ONE IS A PRIMARY METERED SERVICE FOR THE BASE. DISTRIBUTION IS OWNED BY THE NATIONAL GUARD. THE SECOND UTILITY IS FURNISHED AND MAINTAINED BY NATIONAL GRID. CONTRACTOR SHALL TAKE CAUTION IN ANY REMOVAL OF ELECTRICAL UTILITIES. COORDINATE WITH BASE FACILITIES AND NATIONAL GRID.
 4. WATER AND SANITARY SEWER CONNECTIONS AND INSTALLATIONS SHALL MEET ALL UTILITY OWNER'S STANDARDS AND REQUIREMENTS. ELECTRIC AND GAS UTILITY INSTALLATIONS SHALL BE INSTALLED BY UTILITY OWNERS.
 5. LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL CHECK AND VERIFY LOCATIONS OF ALL EXISTING UTILITIES BOTH UNDERGROUND AND OVERHEAD, PRIOR TO CONSTRUCTION. THE COST OF THIS SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE. ANY DAMAGE TO EXISTING UTILITIES SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COST OF SUCH DAMAGE SHALL BE BORNE BY THE CONTRACTOR. NO EXCAVATION SHALL BE DONE UNTIL ALL INVOLVED UTILITY COMPANIES ARE NOTIFIED 24 HOURS IN ADVANCE. "DIG SAFE" POLICY PROCEDURE IS ALSO TO BE FOLLOWED.
 6. NO CONSTRUCTION EQUIPMENT OR PERSONNEL SHALL BE PERMITTED WITHIN A TEN (10) FOOT RADIUS OF ANY ENERGIZED OVERHEAD LINES.
 7. UTILITY SERVICES SHALL BE MAINTAINED TO ALL EXISTING FACILITIES.
 8. ALL GAS UTILITY WORK WILL BE PERFORMED BY OTHERS PRIOR TO GENERAL CONSTRUCTION OPERATIONS.
 9. ALL UTILITY POLE RELOCATION WORK SHALL BE PERFORMED BY OTHERS AND NOT INCLUDED IN THIS CONTRACT, BUT SHALL BE COORDINATED BY THE CONTRACTOR WITH UTILITY OWNER PRIOR TO COMMENCEMENT OF GENERAL CONSTRUCTION OPERATIONS.
 10. REFER TO DETAIL D12 ON DRAWING C-505 FOR PLAN DETAIL OF PROPOSED REPLACEMENT OF EXISTING 6 INCH DIAMETER DUCTILE IRON WATERMAIN WITH A NEW 12 INCH DIAMETER DUCTILE IRON WATERMAIN FROM ROUTE 2 UP TO EXISTING 10 INCH DUCTILE IRON CONNECTION AT THE SOUTH SIDE OF THE TROOP COMMAND ARMORY.
 9. REFER TO ELECTRICAL PLANS FOR SITE LIGHTING INSTALLATIONS.
 10. EXISTING CONDITIONS SHOWN IN THIS PLAN REFLECT SITE FEATURES THAT EXISTED AT THE TIME OF THE ORIGINAL PROJECT SURVEY - AUGUST 2009. THE CONTRACTOR SHALL NOTE THAT CURRENT SITE CONDITIONS MAY BE DUE TO SITE PREPARATION WORK PERFORMED IN SEPTEMBER 2010 BY ANOTHER CONTRACTOR UNDER SEPARATE CONTRACT WITH RIARNG.

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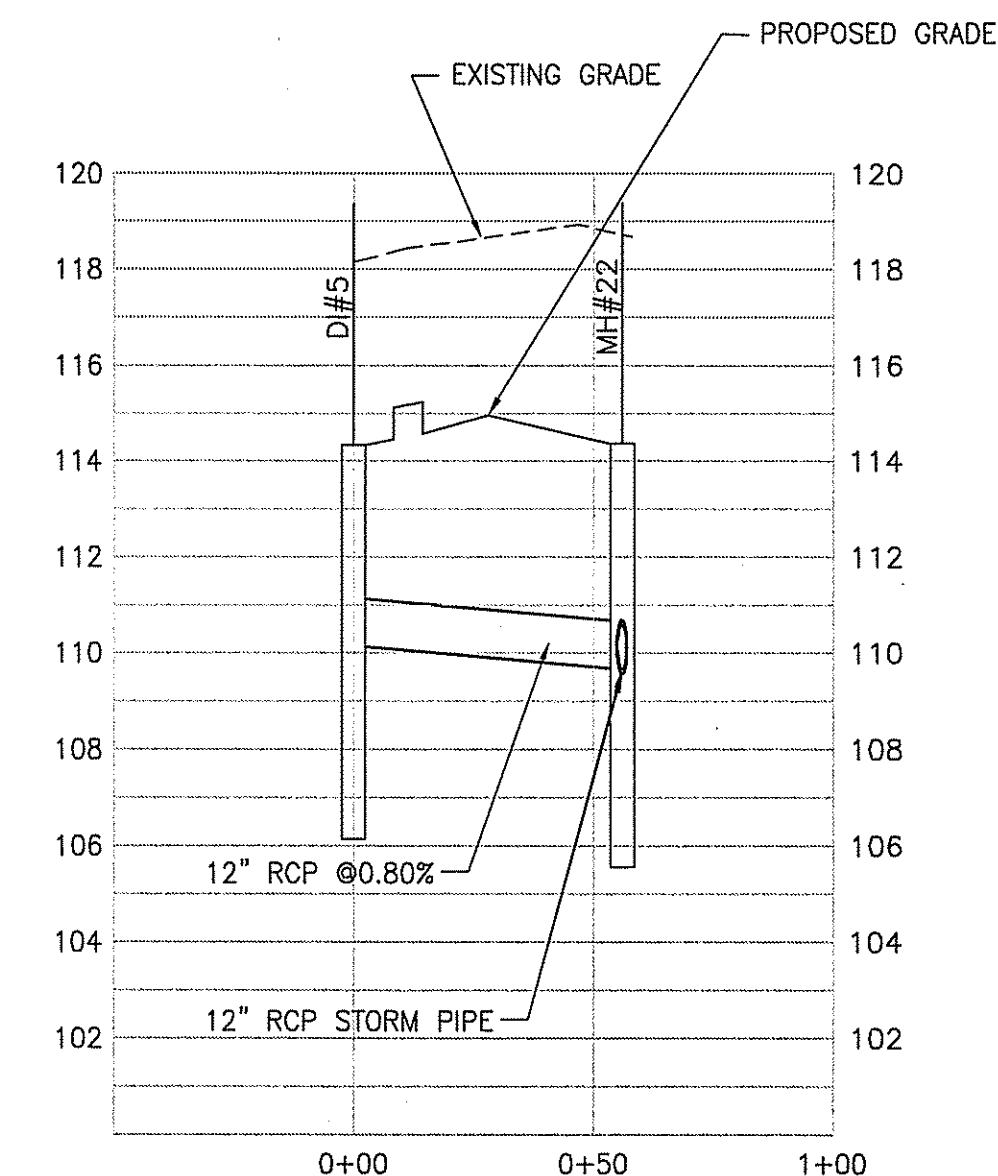
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB - 8 2011 FILE # 12-0176
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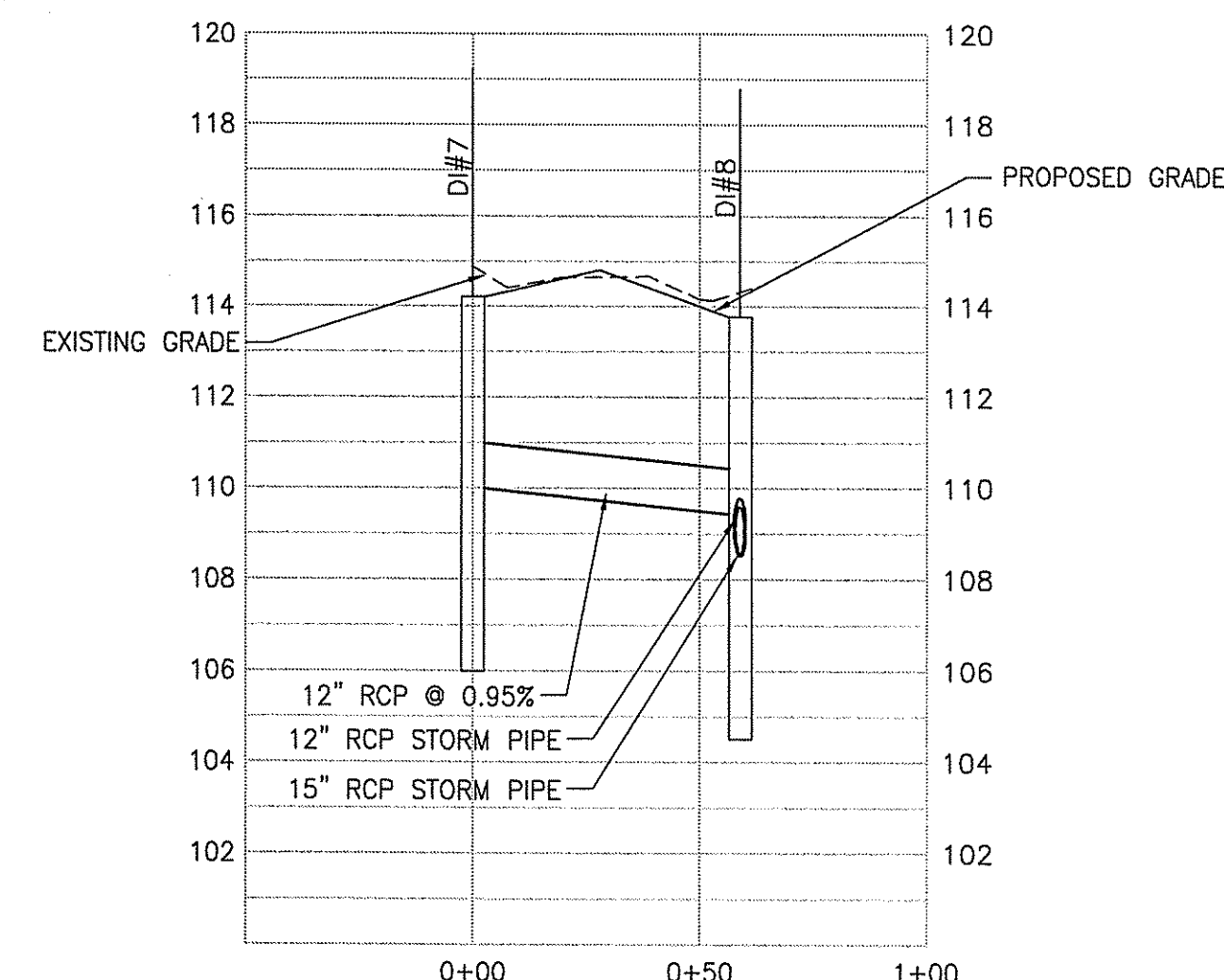
RHODE ISLAND ARMY NATIONAL GUARD				UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY EAST GREENWICH, RI		SITE UTILITY PLAN	SHEET 7 of 16 DRAWING NO. CU-101 REVISION
DRAWN BY: E. PONTES	DATE FILE NO.: CU-101	PRIME A-E: JACOBS	SURVEYOR: Welch Associates Land Surveyors, Inc. 218 NORTH MAIN STREET WEST BRIDGEWATER, MA 02799	GEO/TECHNICAL ENGINEER: Paul B. Higgins & Associates, Inc. 862A WATERMAN AVENUE SUITE 8, EAST PROVIDENCE, RI 02914	ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 340 CONGRESS STREET BOSTON, MA 02210	CONTRACT NO. W9133N-04-D-0001	FILE NO.
NO.	DATE	REVISIONS	NO.	DATE	REVISIONS	PR 440016	



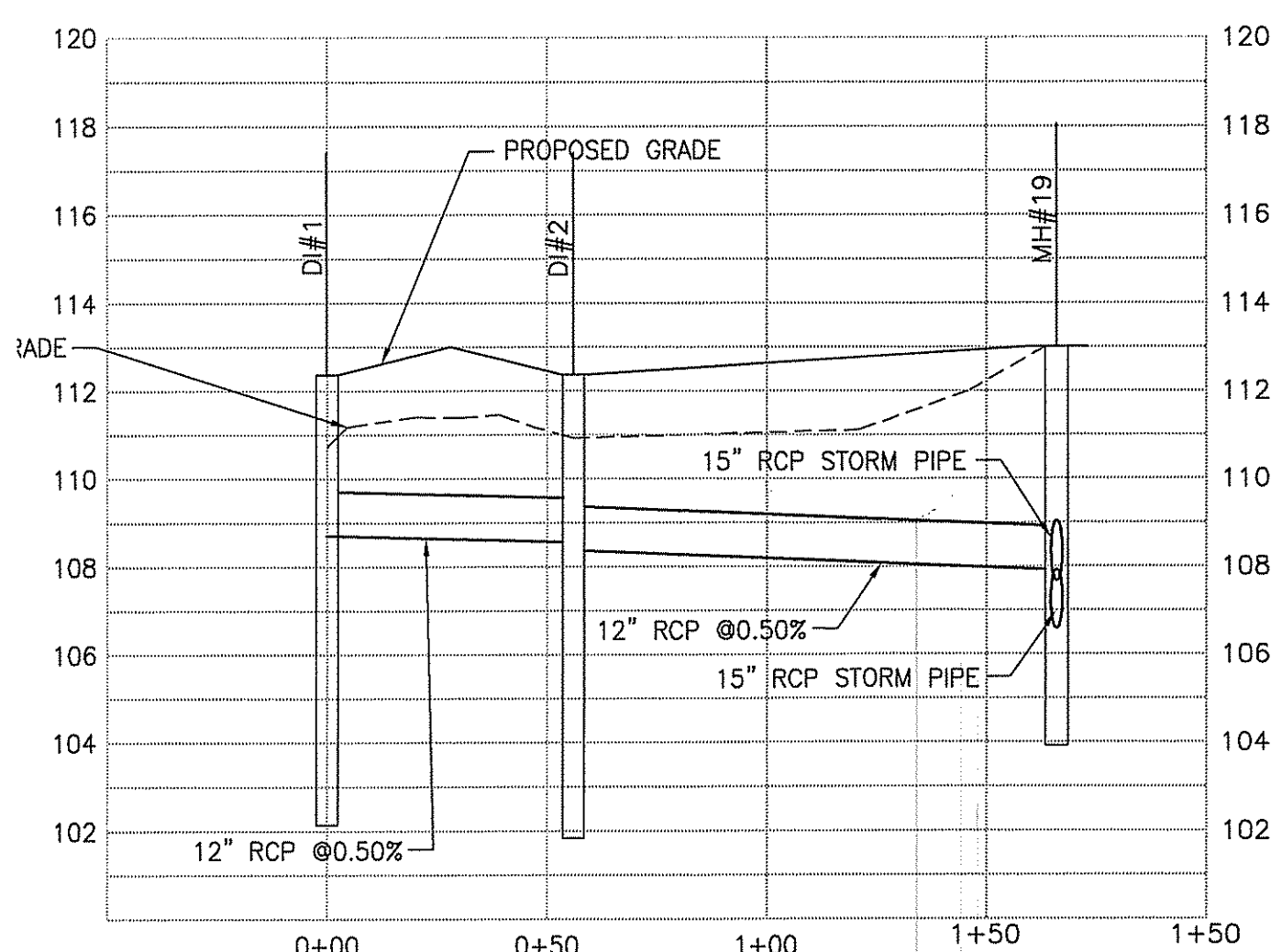
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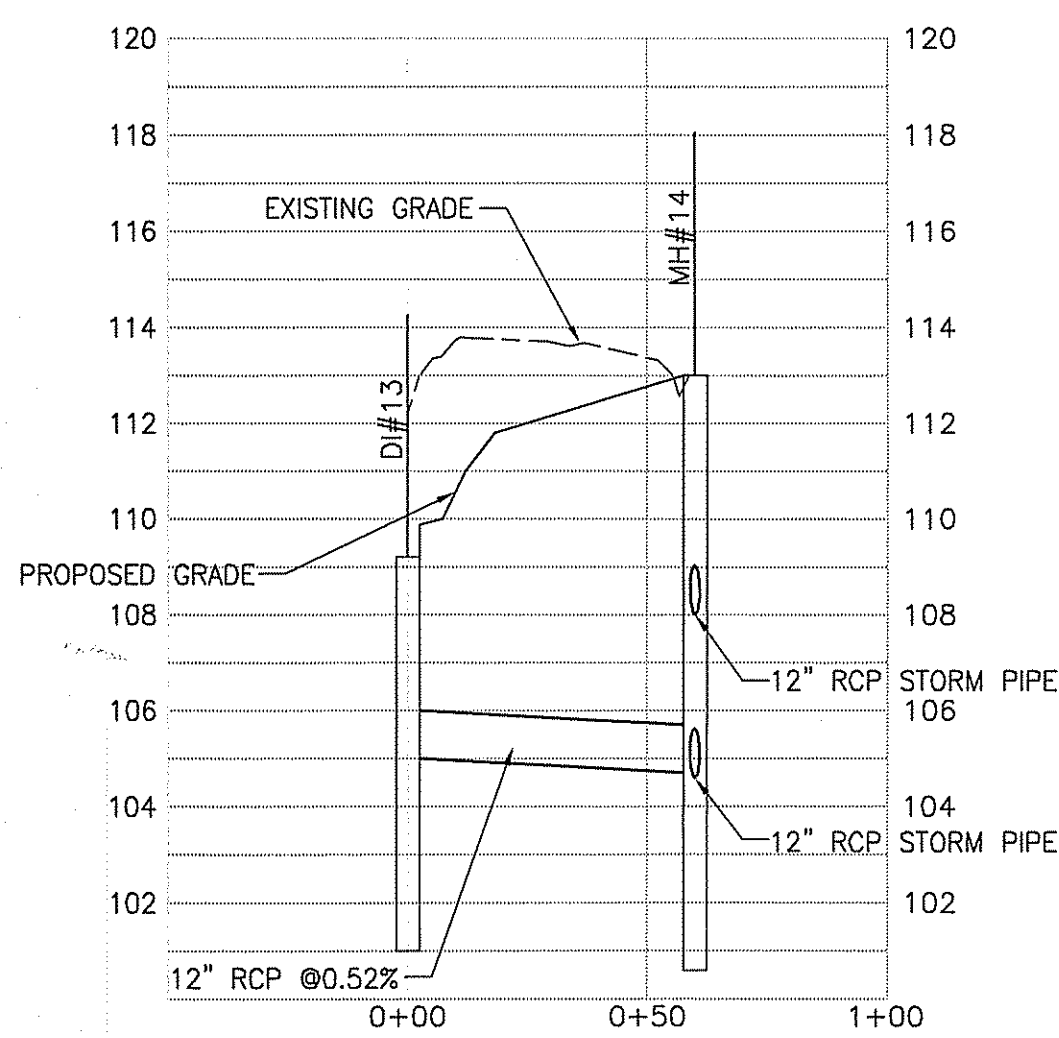
2 STORM DRAIN PROFILE



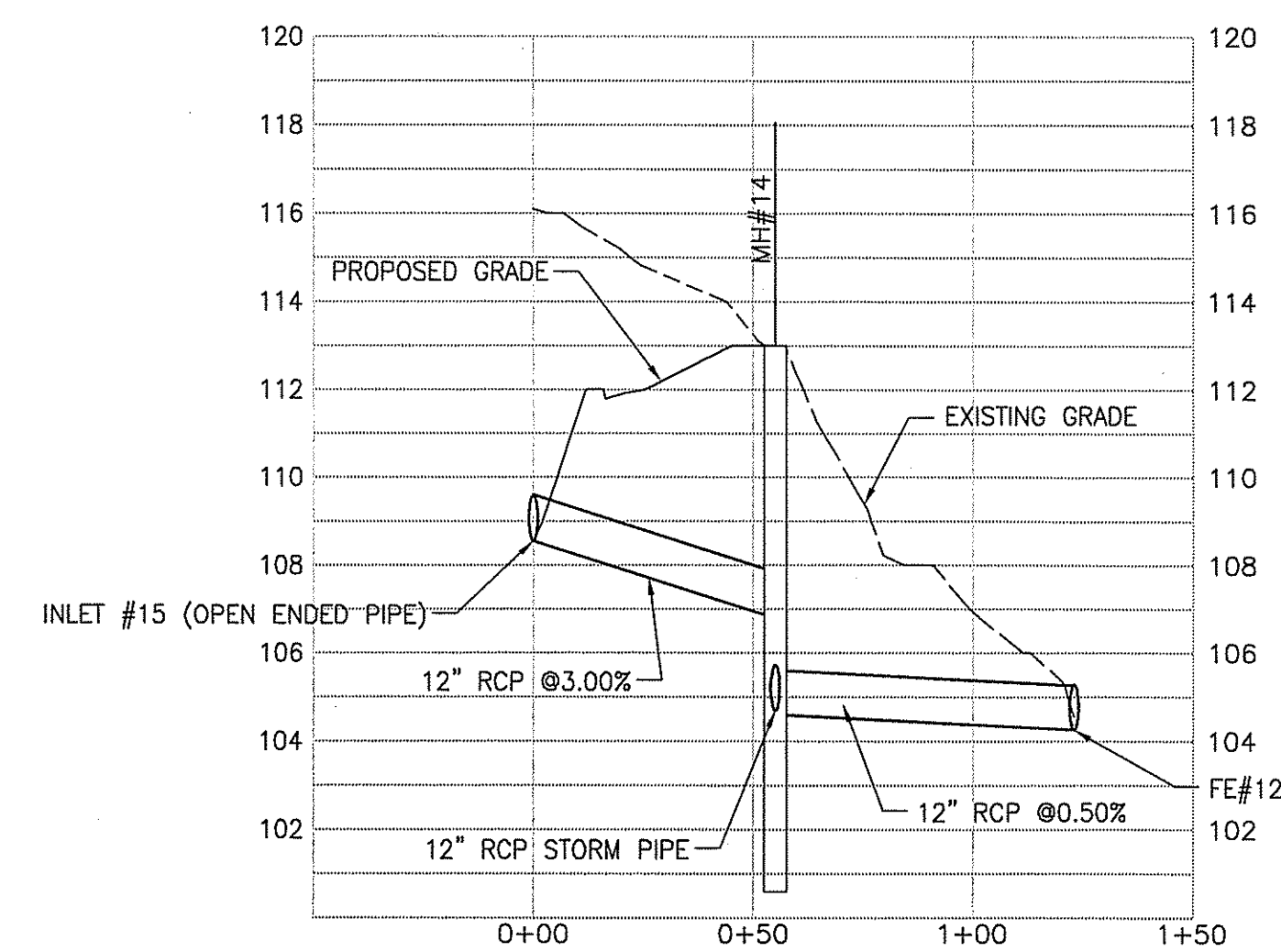
3 STORM DRAIN PROFILE



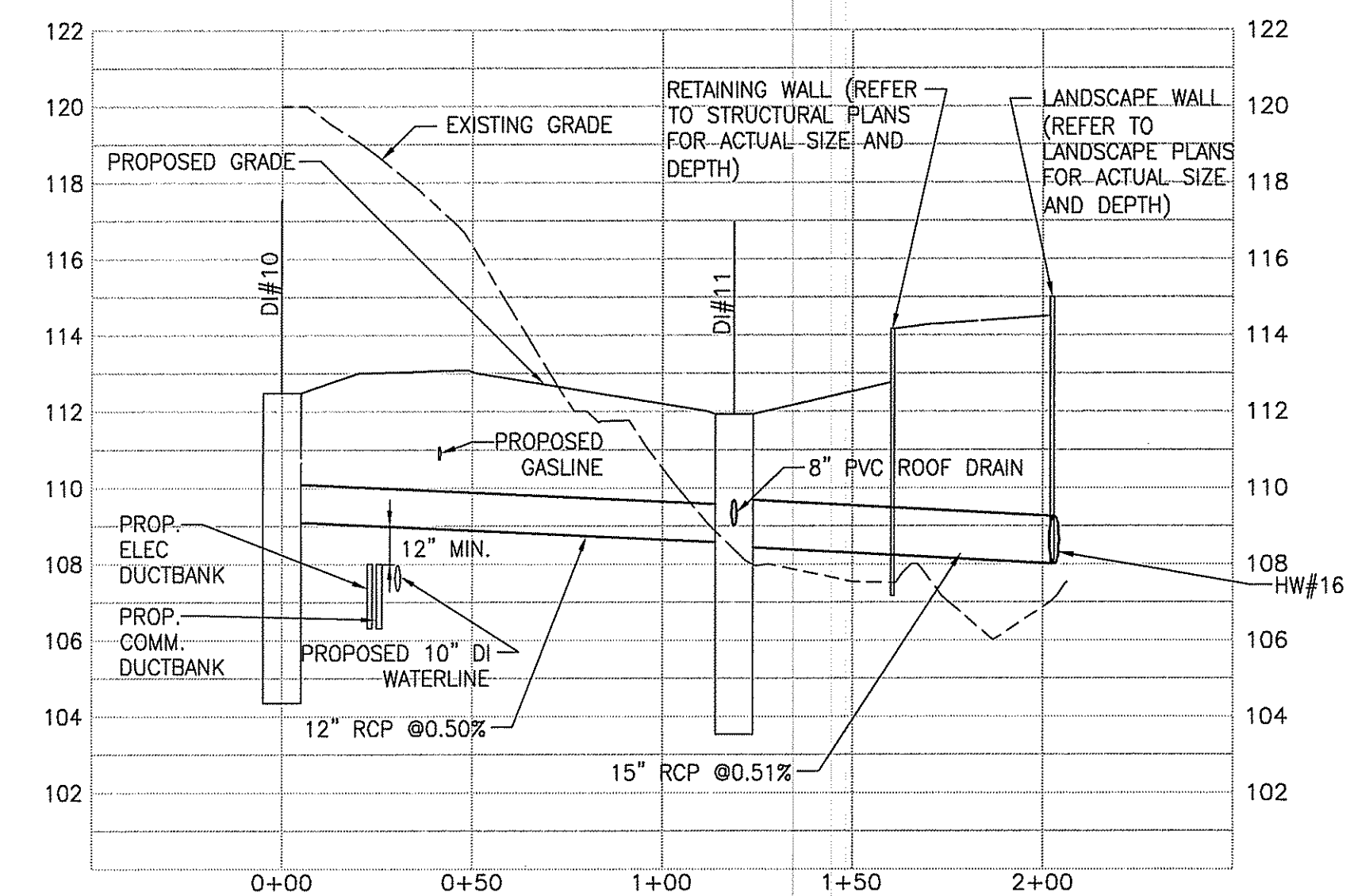
4 STORM DRAIN PROFILE



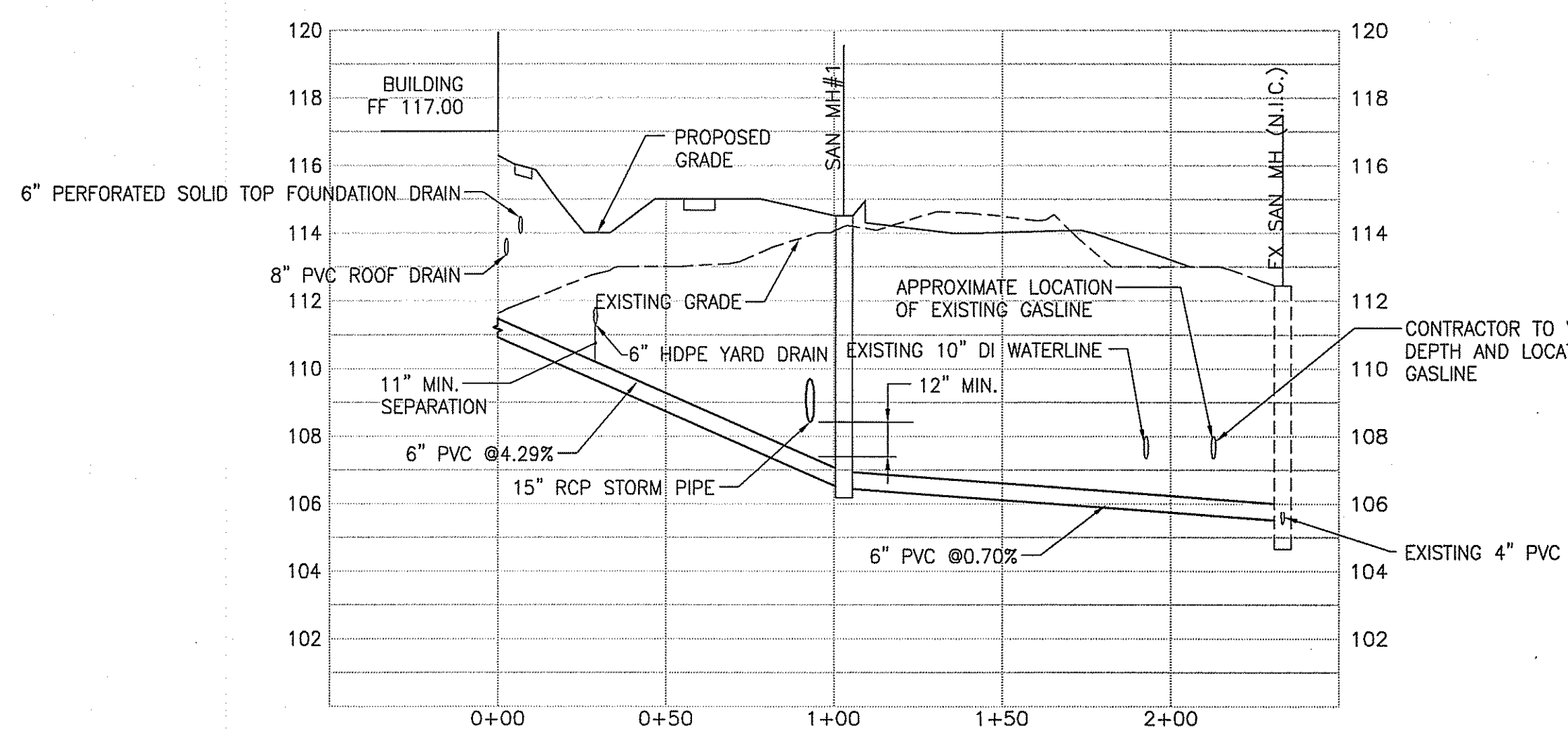
5 STORM DRAIN PROFILE



6 STORM DRAIN PROFILE



7 STORM DRAIN PROFILE

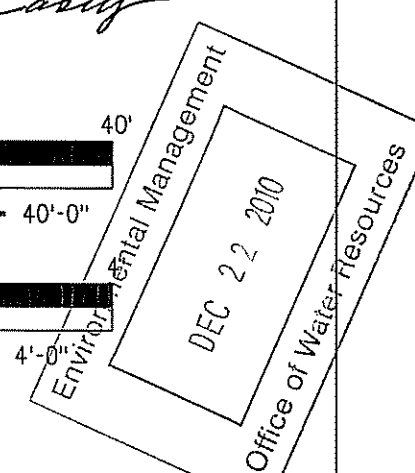
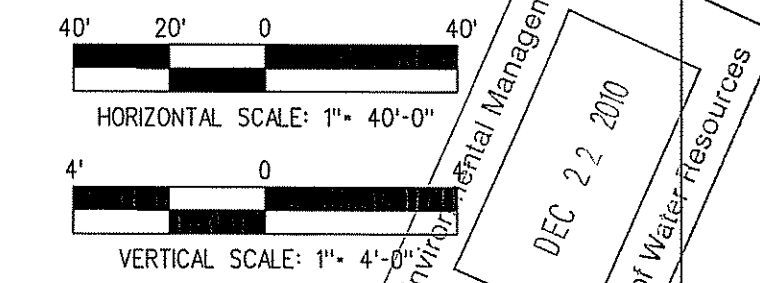


8 SEWER CONNECTION PROFILE

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB - 8 2011 FILE # 10-2176
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

U. Joseph Conroy



NO.	DATE	REVISIONS	NO.	DATE	REVISIONS

RHODE ISLAND ARMY NATIONAL GUARD

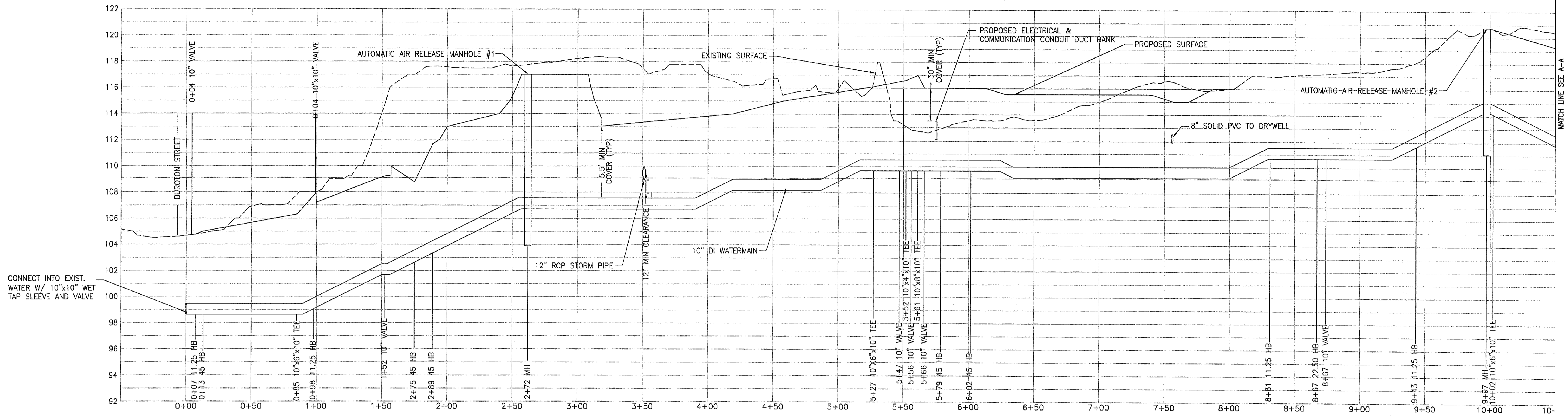
DESIGNED BY: R. CAPRARA	DWG FILE NAME: CU-701	PRIME A-E:	SUPERVISOR:
DRAWN BY: R. CAPRARA	APP NUMBER: FZ040404	JACOBS	GEOTECHNICAL ENGINEER:
CHECKED BY: E. PONTES	PLT DATE: 11/12/2010	THREE BILSTON PLAZA, 100 NORTH OLIVE ROAD, SUITE 300 ARLINGTON, VIRGINIA 22201 TEL: 571 38-8600 FAX: 571 38-9000	ENVIRONMENTAL CONSULTANT:
SCALE: AS NOTED			

UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO)
 CAMP FOGARTY EAST GREENWICH, RI

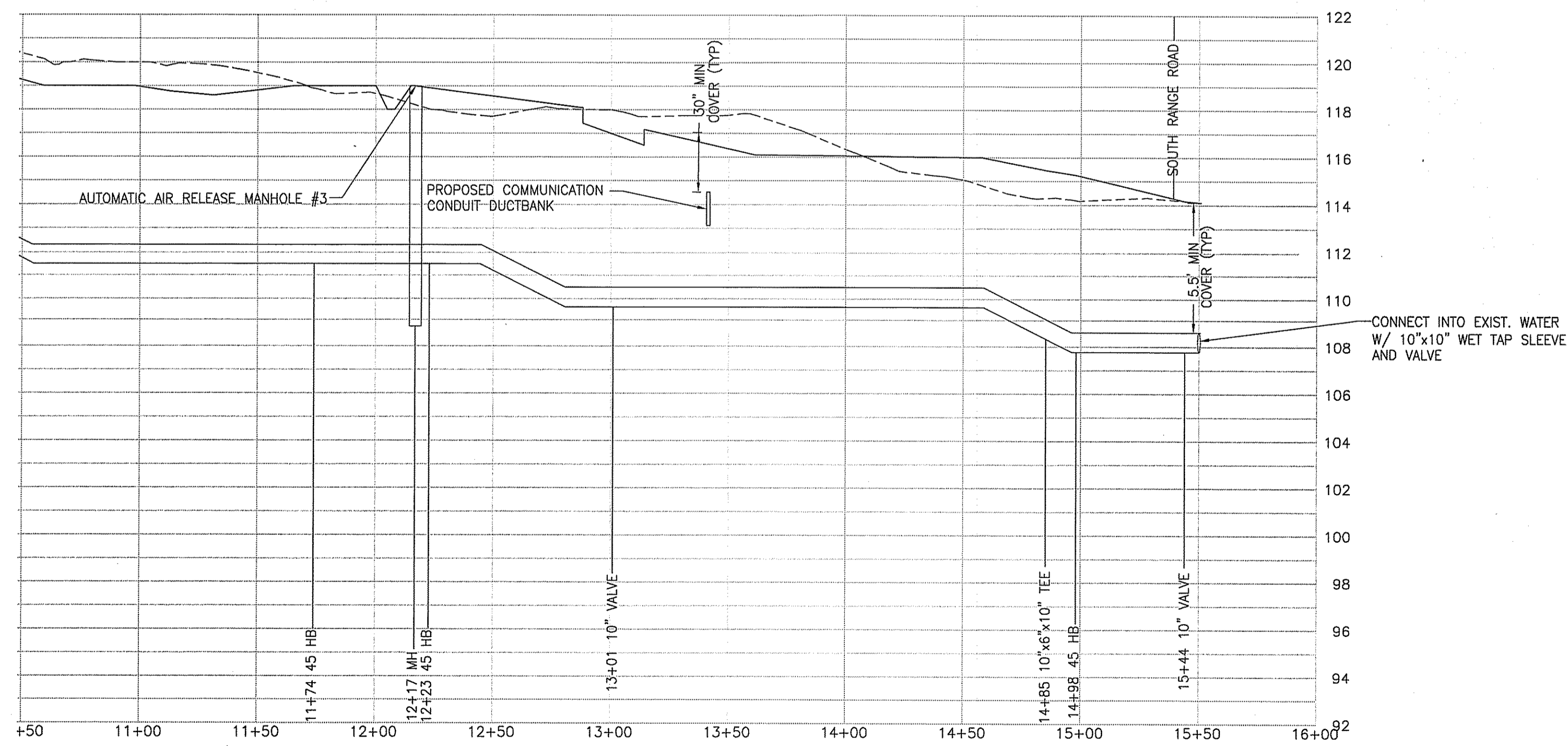
SITE UTILITY PROFILES

8 of 16
DRAWING NO. CU-701

PROJECT NO. W9133N-04-D-0001
 SHEET NO. 440016



1 WATERLINE PROFILE
REFER TO DWG CU-101 FOR WATERMAIN LAYOUT AND LOCATION

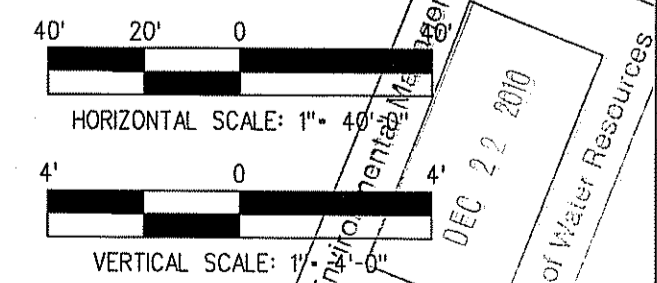


2 WATERLINE PROFILE

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED FEB - 8 2011 FILE # 10-2176
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W. Joseph Carney
DEC 22 2010
Office of Water Resources



NO.	DATE	REVISIONS	NO.	DATE	REVISIONS

RHODE ISLAND ARMY NATIONAL GUARD

DESIGNED BY: R. CARRARA	CAD FILE NAME: CU-702	PRIME A-E:
DRAWN BY: R. CARRARA	DATE: 11/12/2010	JACOBS
CHECKED BY: E. PONTES	SCALE: AS NOTED	THREE HULLSTON PLAZA, 100 NORTH GLEBE ROAD, SUITE 500 PROVIDENCE, RHODE ISLAND 02909 TEL: (401) 281-6000 FAX: (401) 281-6000

SURVEYOR: Welch Associates Land Surveyors, Inc.
218 NORTH MAIN STREET
WEST BRIDGEWATER, MA 02780

GEOTECHNICAL ENGINEER: Paul B. Adger & Associates, Inc.
180A WATERMAN AVENUE
SUITE 10, EAST PROVIDENCE, RI 02914

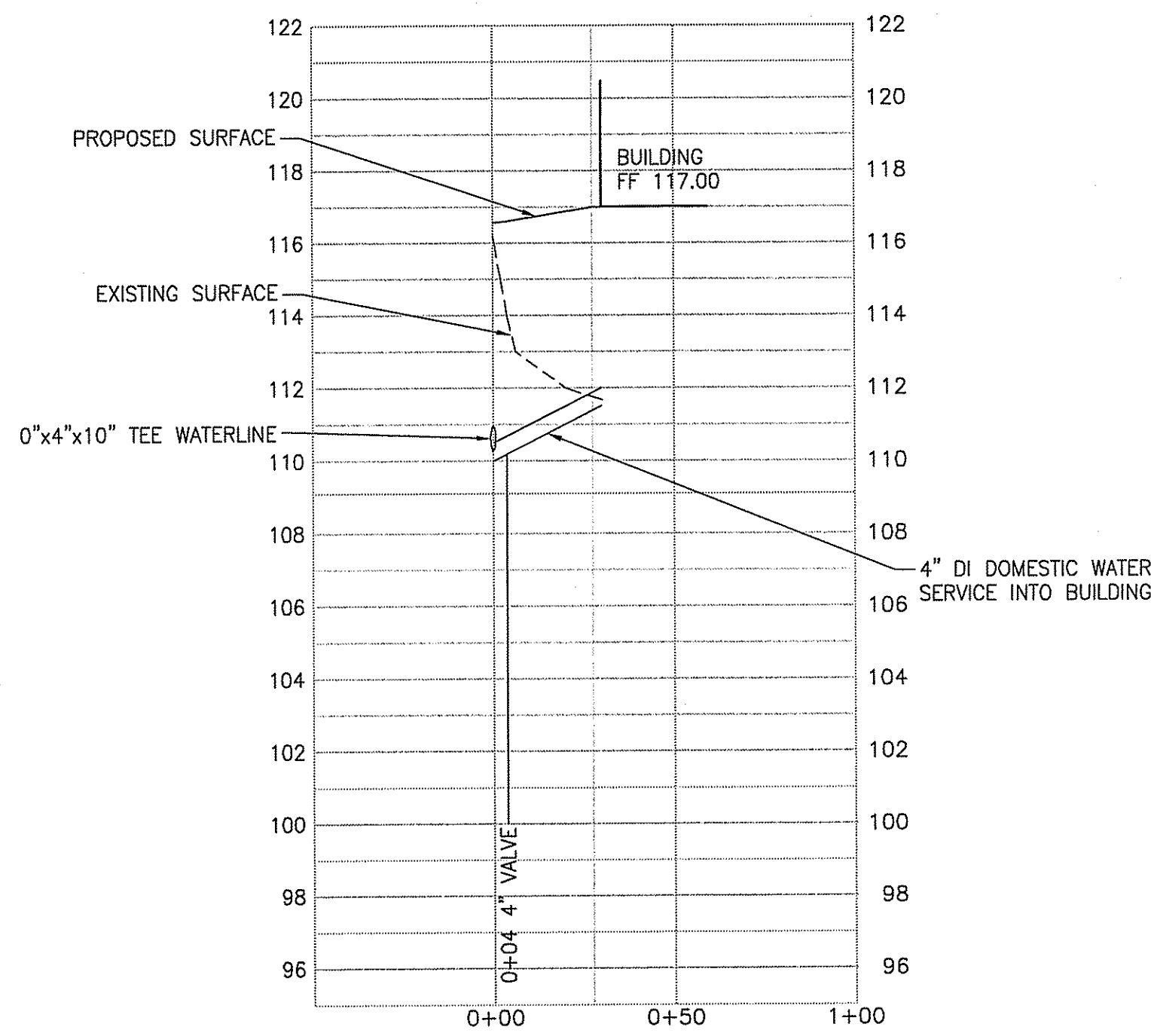
ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING
243 CONGRESS STREET
BOSTON, MA 02210

UNITED STATES PROPERTY
AND FISCAL OFFICE
(USPFO)
CAMP FOGARTY EAST GREENWICH, RI

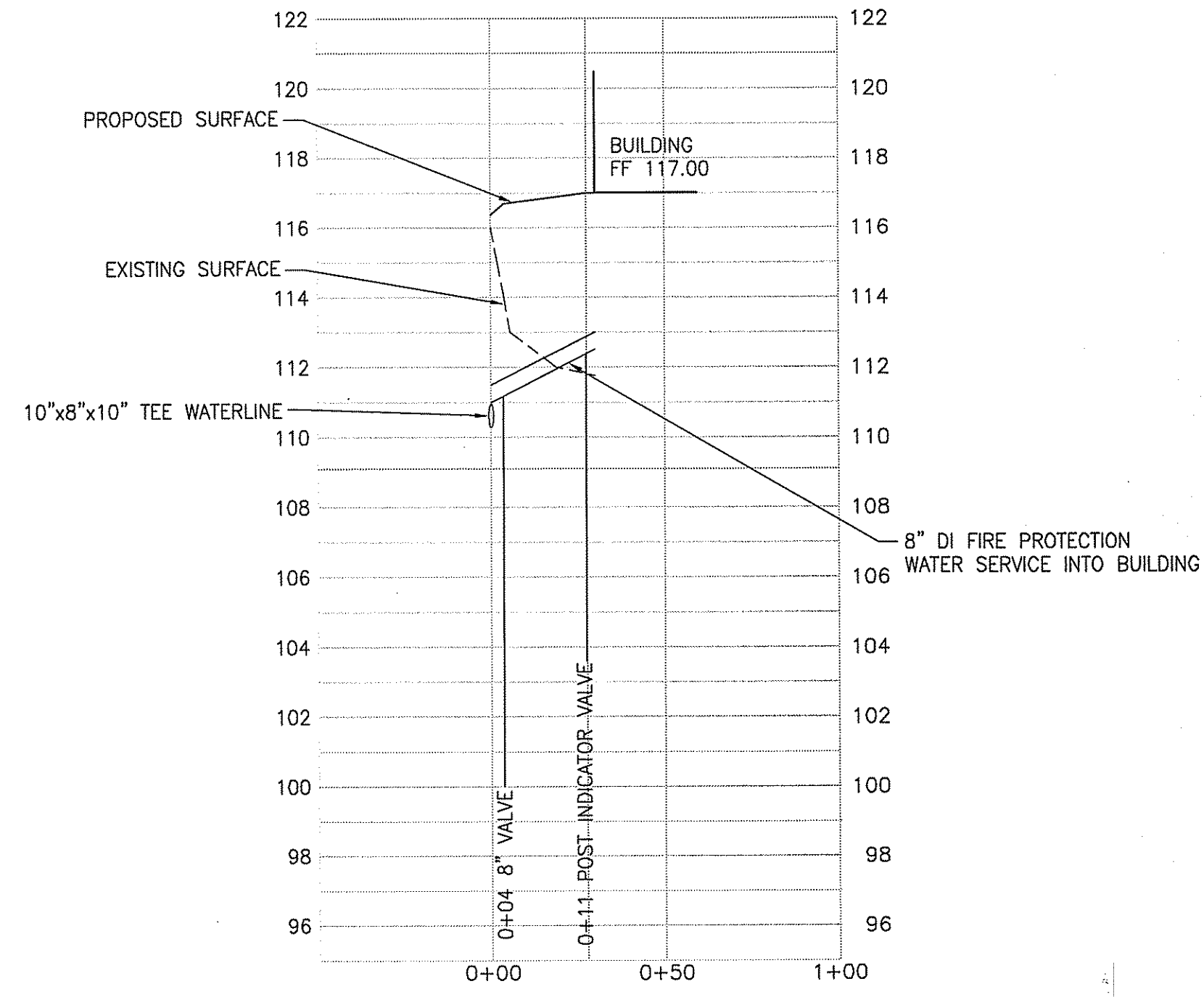
SITE UTILITY PROFILES

PROJECT NO. **9 of 16**
DRAWING NO. **CU-702A**
REVISION

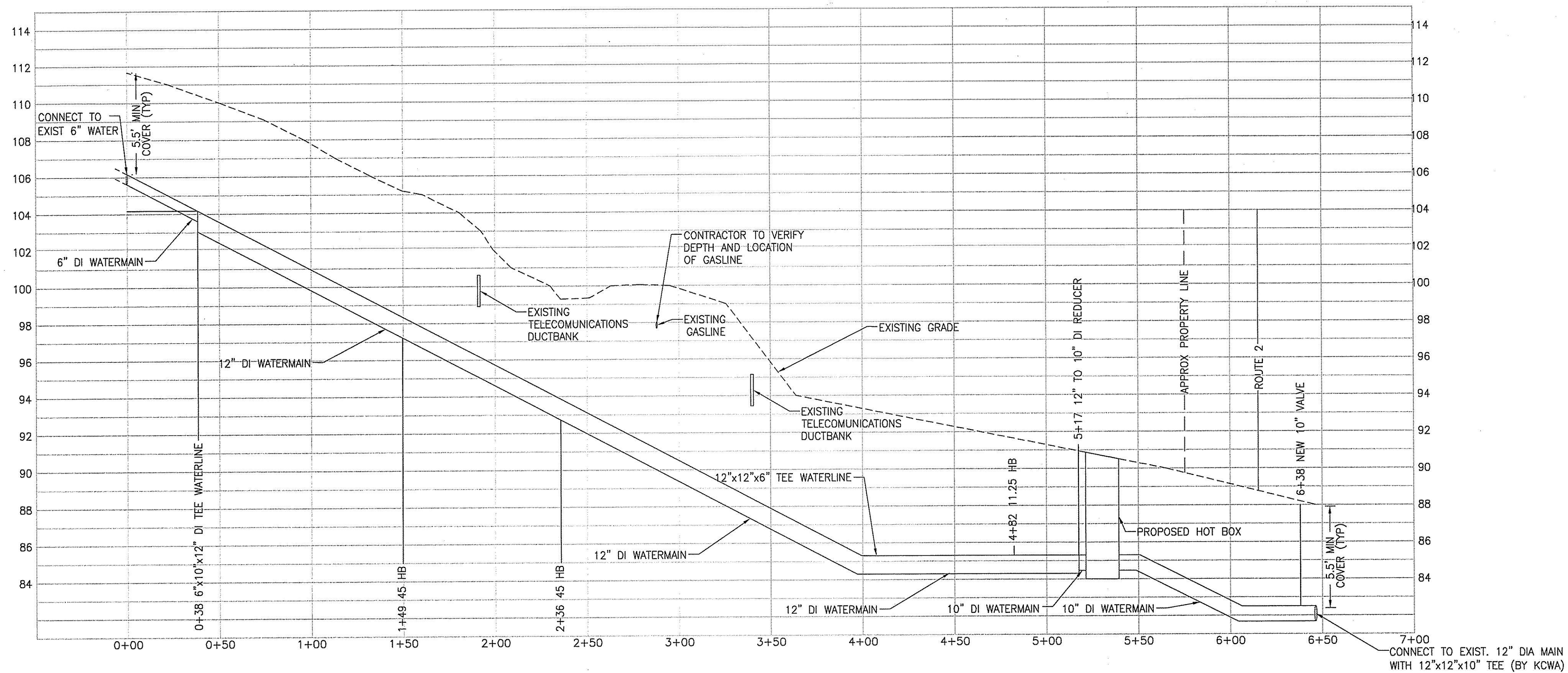
FILE NO. W9133N-04-D-0001



3 WATERLINE PROFILE



4 WATERLINE PROFILE

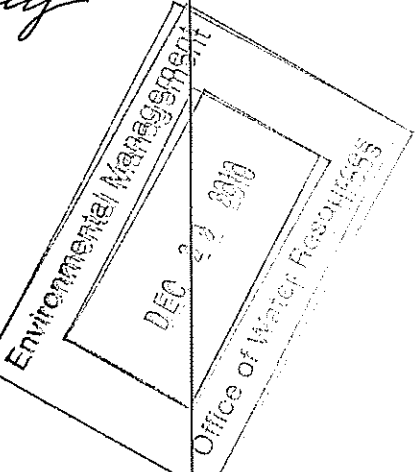
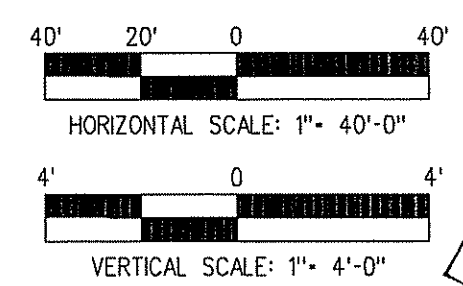


5 WATERLINE PROFILE
REFER TO DETAIL D12 ON DWG C-505 FOR WATERMAIN LAYOUT AND LOCATION

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

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB - 8 2011 FILE # 10-0176
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

W. Joseph Carney



NO.	DATE	REVISIONS	NO.	DATE	REVISIONS

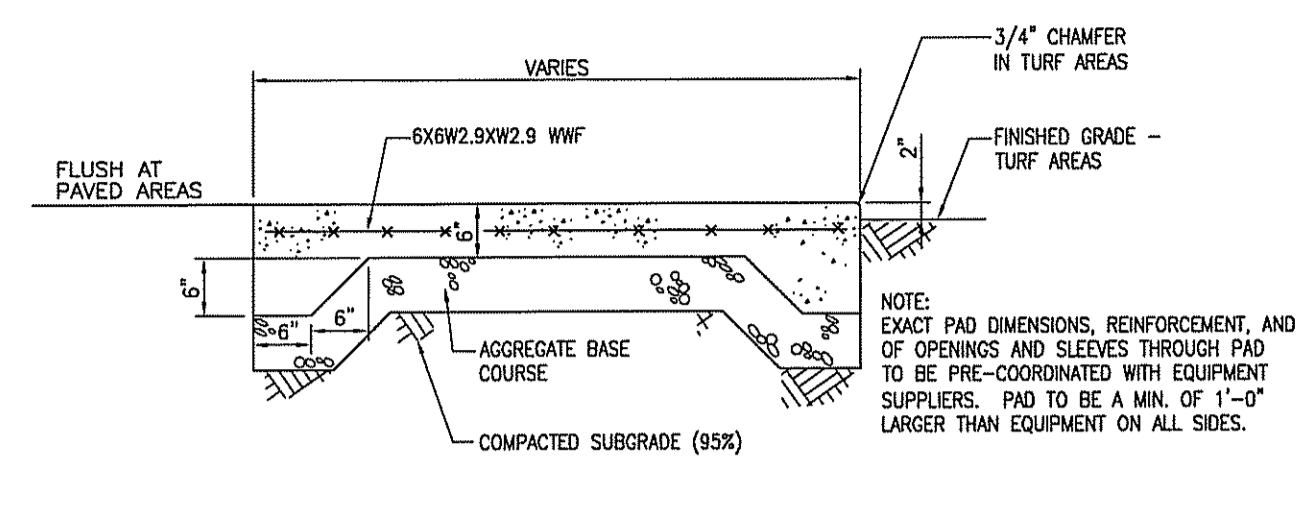
RHODE ISLAND ARMY NATIONAL GUARD

DESIGNED BY: R. CARRARA DRAWN BY: R. CARRARA CHECKED BY: E. PONTES SCALE: AS NOTED	CADD FILE NAME: CU-702 JOB NUMBER: F01064104 PLOT DATE: 11/12/2010	PRIME A-E: JACOBS THREE BALESTON PLAZA, 100 NORTH GLDIE ROAD, SUITE 200 ANDOVER, MASSACHUSETTS 01915 TEL: 978 236 4600 FAX: 978 236 9900	SURVEYOR: GEOTECHNICAL ENGINEER: ENVIRONMENTAL CONSULTANT: Which Associates Land Surveyors, Inc. 218 NORTH MAIN STREET WEST BRIDGEWATER, MA 02710 Paul B. Aldinger & Associates, Inc. 860A WATERMAN AVENUE SUITE 10, EAST PROVIDENCE, RI 02914 JACOBS ENGINEERING 343 CONGRESS STREET BOSTON, MA 02210	UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY EAST GREENWICH, RI
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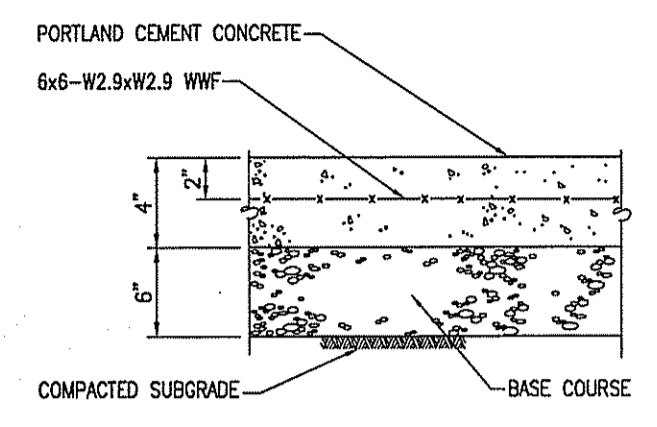
SITE UTILITY PROFILES

SHEET **10** OF **16**
 DRAWING NO. **CU-702B**
 REVISION

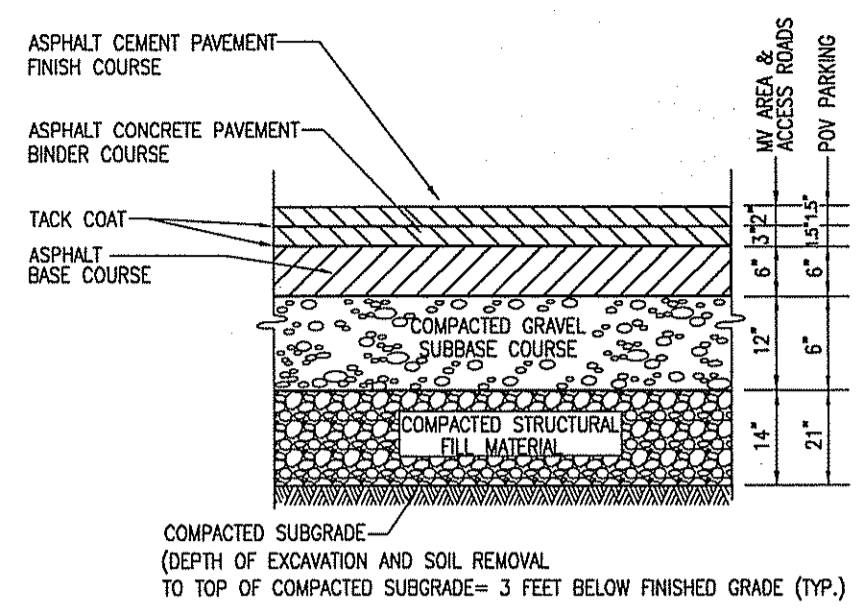
PN 440016	CONTRACT NO. W9133N-04-D-0001	FILE NO.
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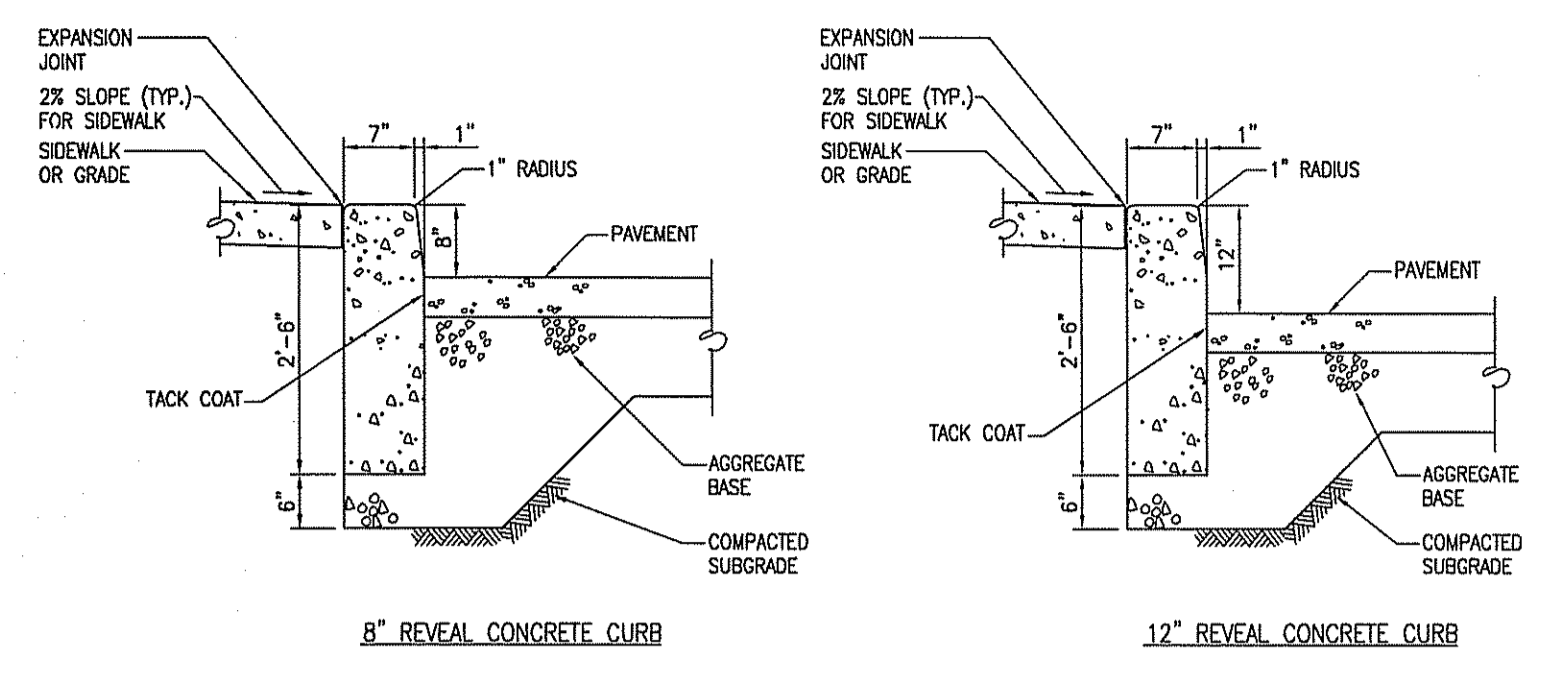
A1 CONCRETE UTILITY PAD/LANDING
NTS



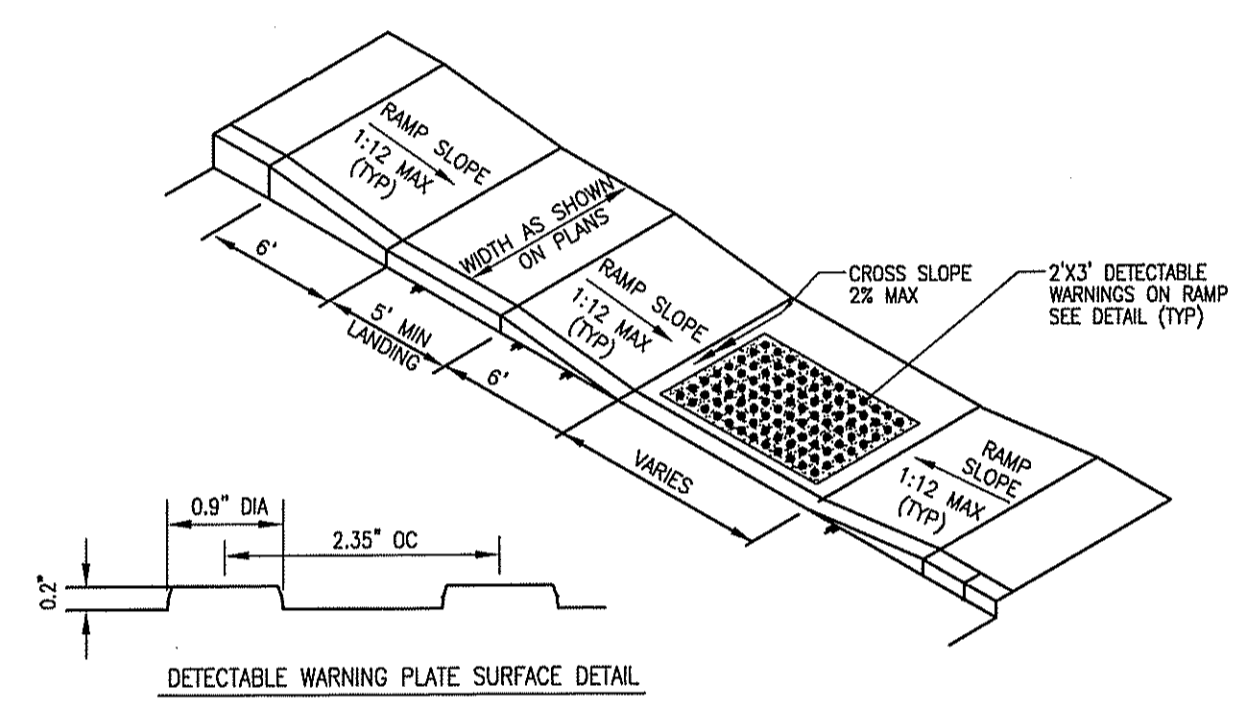
A2 CONCRETE WALKWAY
NTS



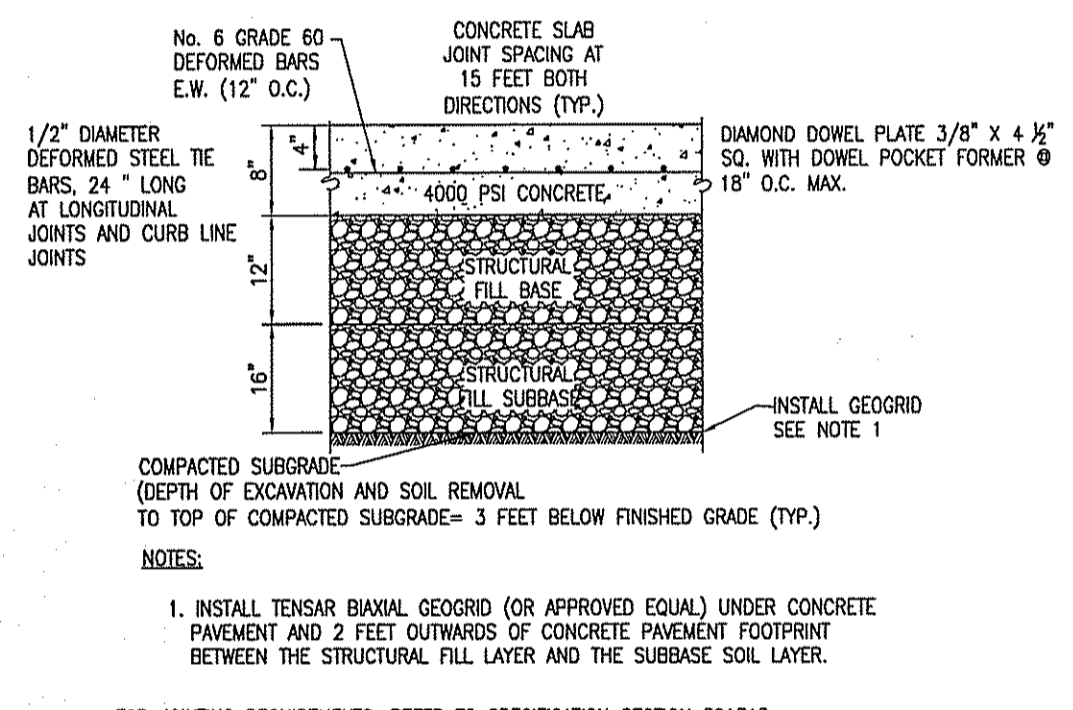
A3 BITUMINOUS PAVEMENT
NTS



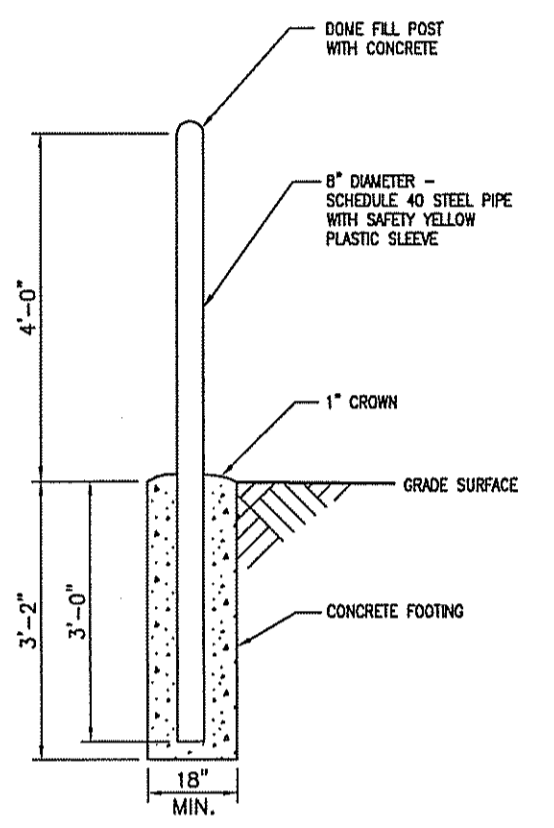
A5 CONCRETE CURB
N.T.S.



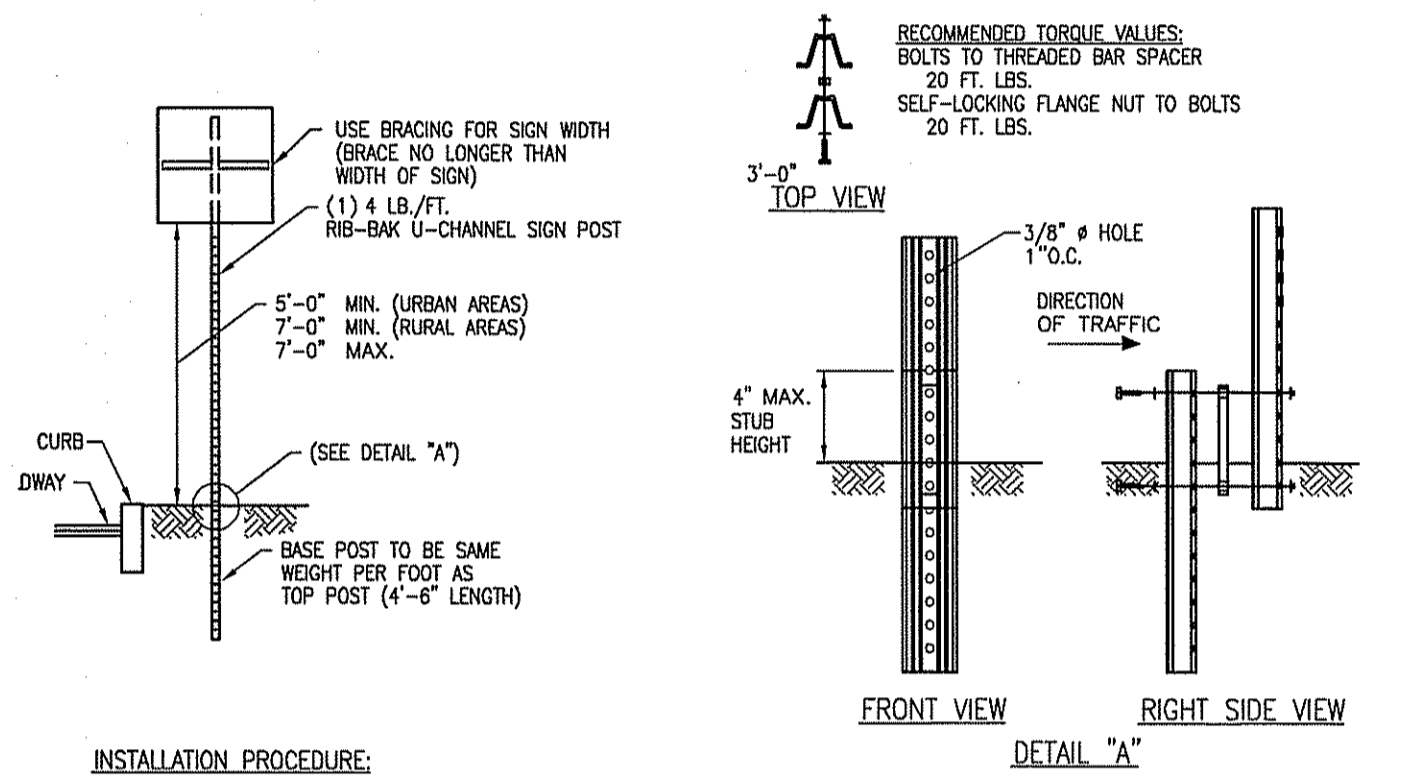
A6 HANDICAP CURB RAMP
NTS



A7 CONCRETE PAVEMENT
NTS

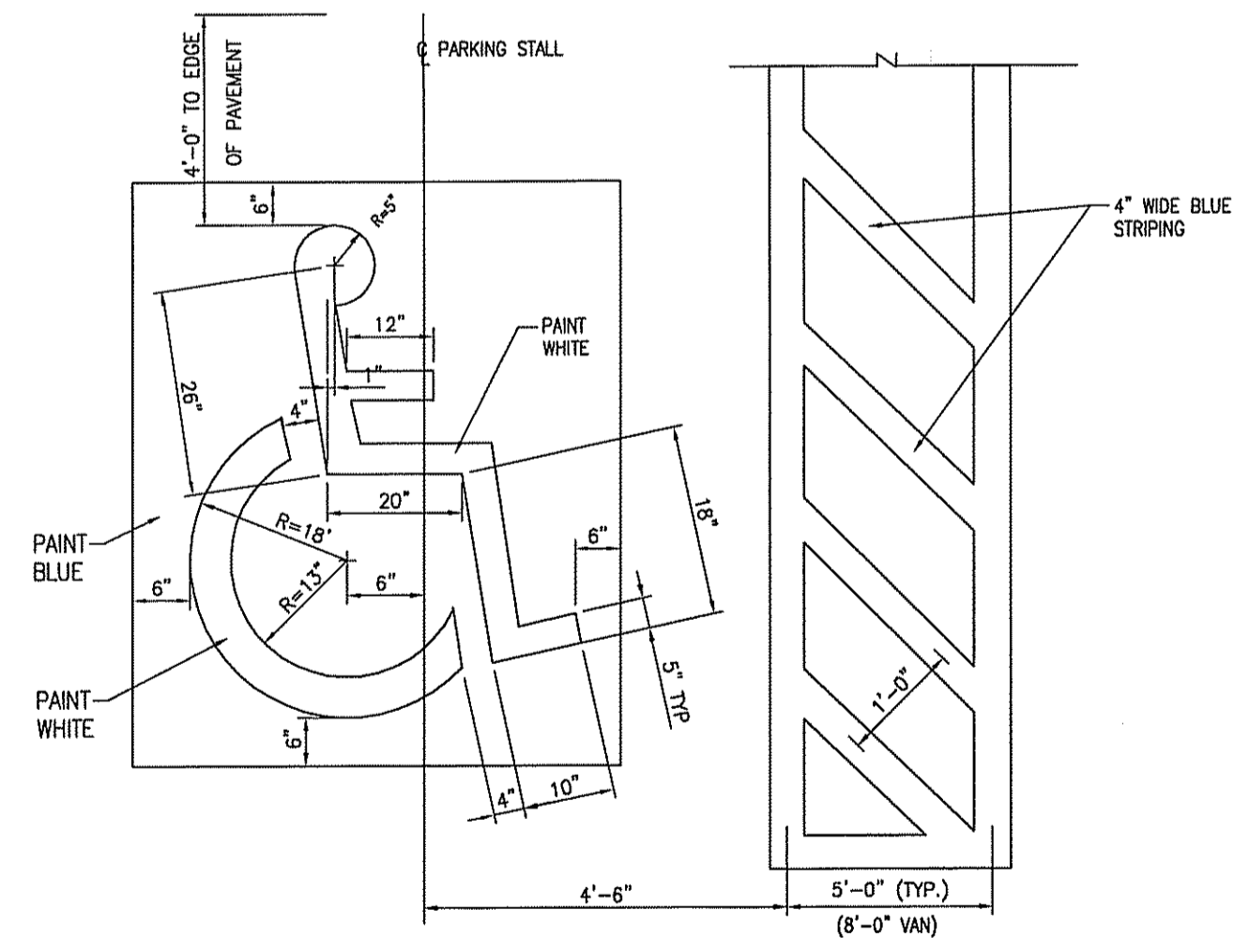


B1 BOLLARD DETAIL
NTS

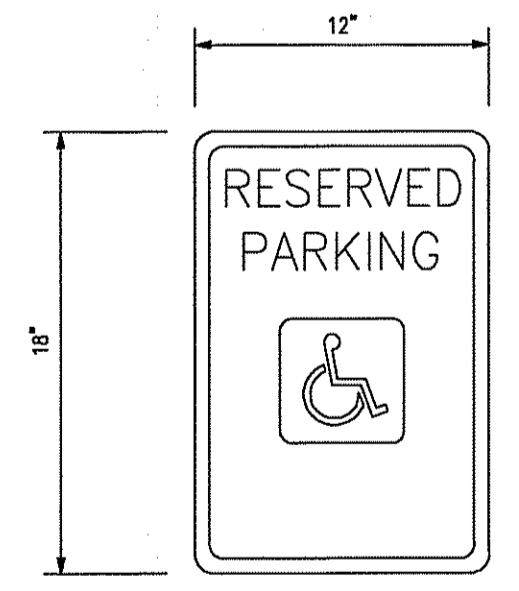


- INSTALLATION PROCEDURE:**
- REMOVE A SPADE FULL OF SOIL (APPROXIMATELY 2" DEEP) FROM WHERE THE BASE POST WILL BE LOCATED.
 - DRIVE THE BASE POST IN THE CENTER OF THE HOLE JUST CREATED, TO WITHIN 4" OF GRADE LEVEL.
 - PLACE ONE BOLT AND FLAT WASHER IN THE TOP HOLE OF THE BASE POST. (IF THE TOP HOLE ON THE BASE POST OR THE BOTTOM HOLE ON THE TOP POST IS LESS THAN 3/4" FROM END OF THE POST USE THE SECOND AND SIXTH HOLES) WITH THE THREADED BAR SPACER ALIGNED WITH TOP HOLE ON THE BACK SIDE OF THE BASE POST. SECURELY TIGHTEN THE BOLT TO 20 FT. LBS. OF TORQUE. REPEAT THIS PROCESS FOR THE LOWER BOLT.
 - NEST THE TOP POST OVER THE PROTRUDING BOLTS ON THE BASE POST. PLACE A SELF-LOCKING FLANGE NUT ON EACH BOLT AND TIGHTEN SECURELY TO 20 FT. LBS. OF TORQUE.
 - REPLACE SOIL REMOVED IN STEP 1.
 - IN TRIPLE POST INSTALLATIONS USING 4 LB./FT. POSTS IN WEAK SOIL, A 1'-0" W x 6" H SOIL PLATE IS REQUIRED.
- NOTES:**
- SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTION OF THE SPECIFICATIONS.
 - THE SILVER ANODIZED BAR SPACER IS FOR USE WITH 2.5 AND 2.75 LB./FT. RIB-BAK POST GRADE SP-80 ONLY.
 - THE GOLD ANODIZED BAR SPACER IS FOR USE WITH 3 AND 4 LB./FT. RIB-BAK POST GRADE SP-80 ONLY.
 - INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

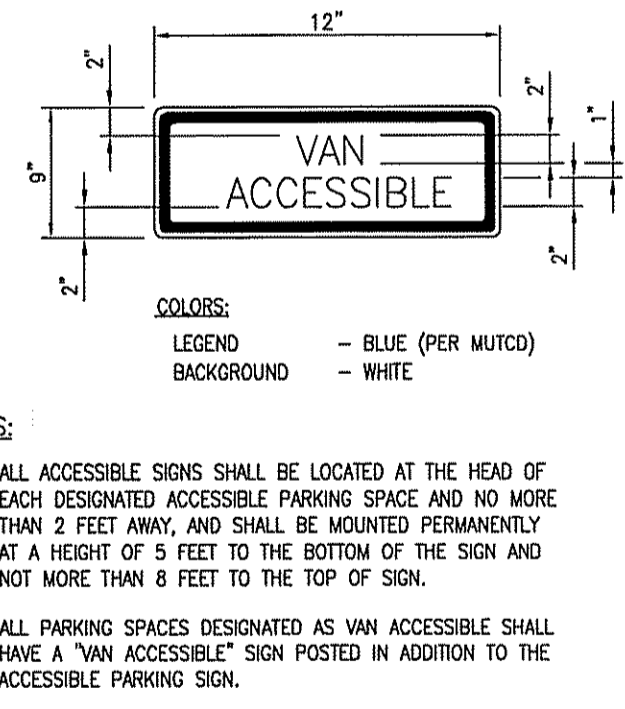
B2 SIGN MOUNTING DETAILS
NTS



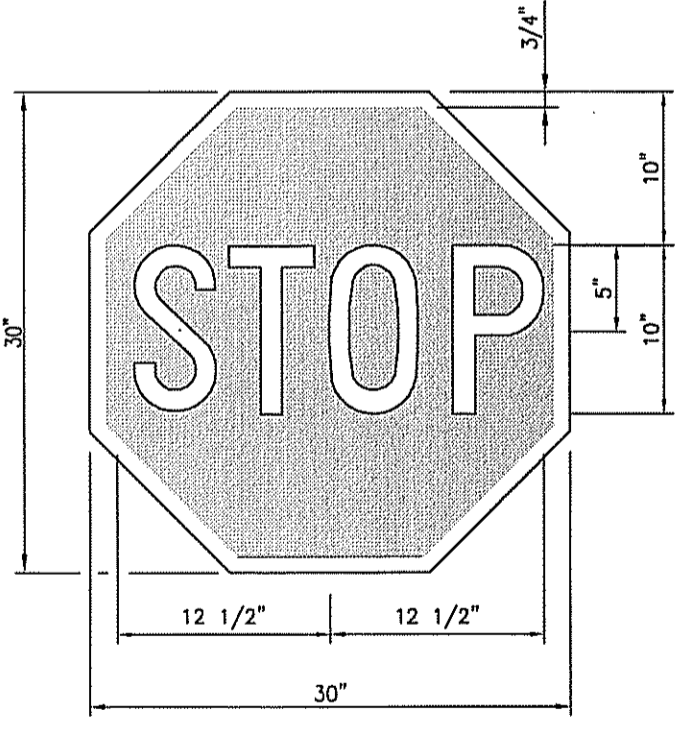
B3 HANDICAP PARKING SYMBOL
NTS



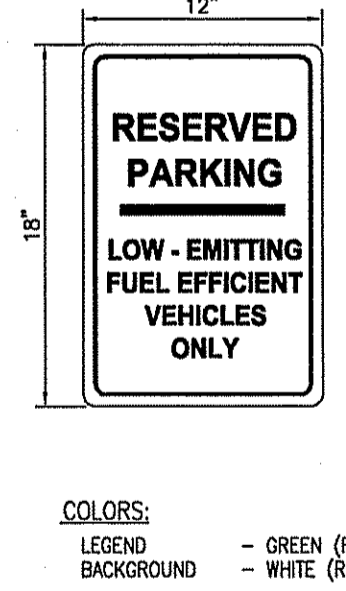
B4 HANDICAP PARKING SIGN
NTS



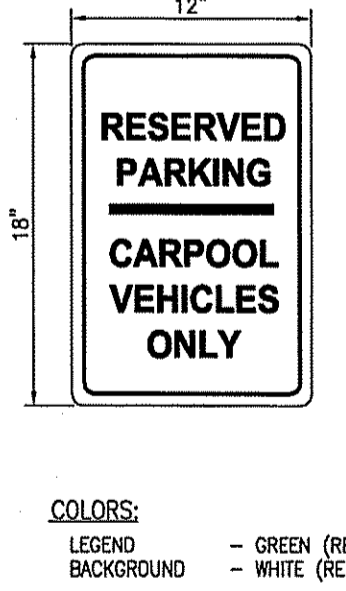
B5 HANDICAP VAN PARKING SIGN
NTS



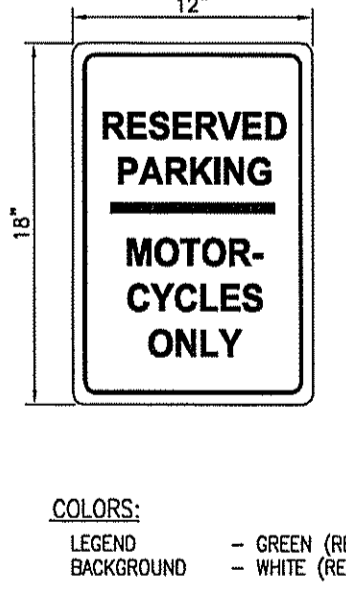
B6 STOP SIGN
NTS



B7 LOW-EMITTING FUEL EFFICIENT VEHICLES RESERVED PARKING SIGN
NTS



B8 CARPOOL VEHICLES RESERVED PARKING SIGN
NTS



B9 MOTORCYCLES RESERVED PARKING SIGN
NTS

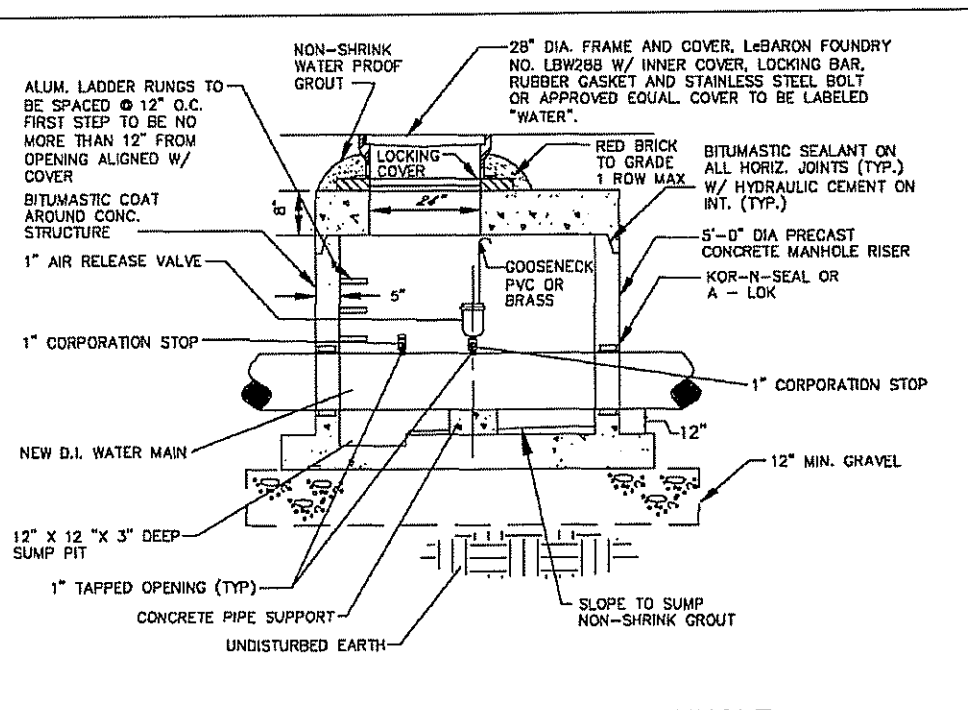
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB - 8 2011 FILE # 10-0176
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
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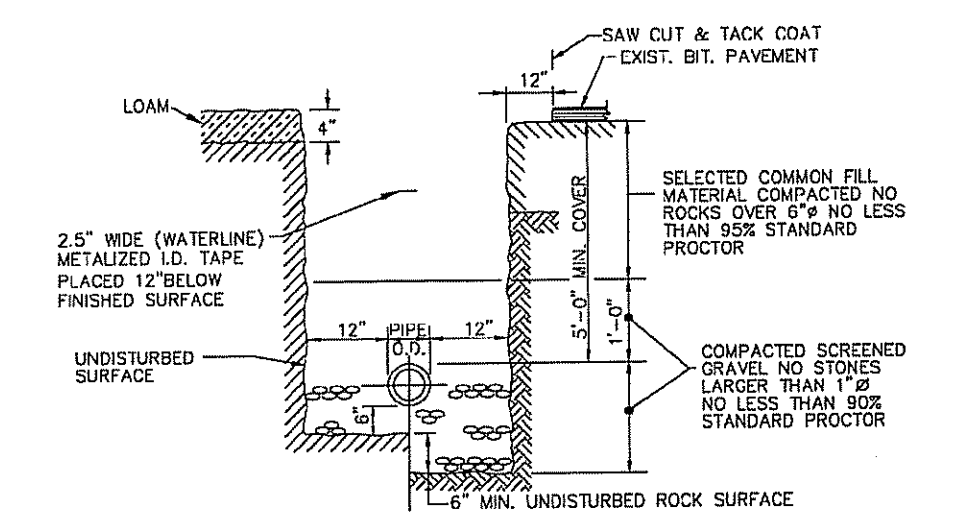
W. Joseph Conroy

Environmental Management
DEC 22 2010
Office of Water Resources

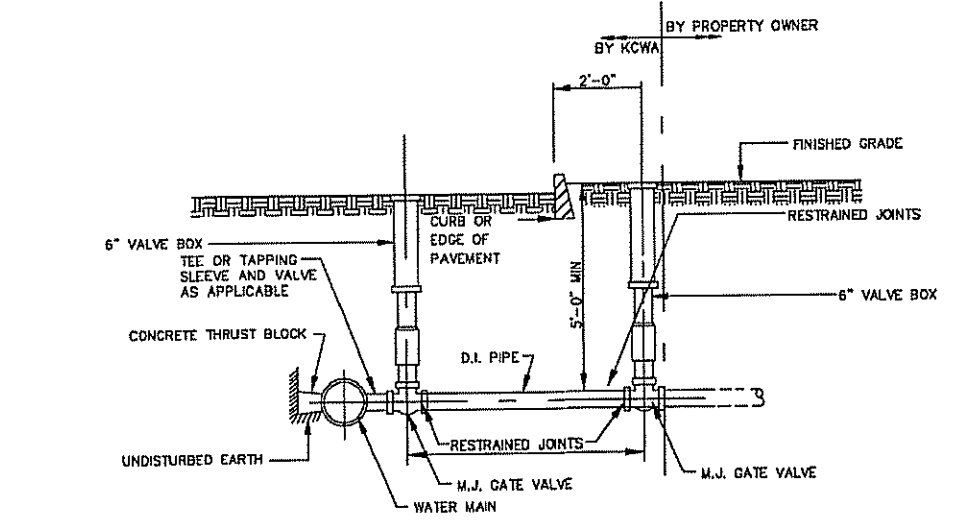
<p style="text-align: center;">RHODE ISLAND ARMY NATIONAL GUARD</p>				<p>UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY EAST GREENWICH, RI</p>		<p style="text-align: center;">SITE DETAILS</p>		<p>NO. 11 of 16</p>
<p>ORDERED BY: E. PONTES</p>		<p>CONTRACT NO.: C-501</p>		<p>PRIME A-E: JACOBS</p>		<p>SURVEYOR: Walsh Associates Land Surveyors, Inc. 516 NORTH MAIN STREET WEST BRIDGEWATER, MA 02779</p>		<p>DATE: 11/16/10</p>
<p>DRAWN BY: B. REYNOLDS</p>		<p>FOR: FOWH104</p>		<p>PROJECT: 343 CONGRESS STREET BOSTON, MA 02210</p>		<p>GEOTECHNICAL ENGINEER: Paul B. Rodriguez & Associates, Inc. 880 WATERMAN AVENUE SUITE 6, EAST PROVIDENCE, RI 02914</p>		<p>REVISION:</p>
<p>CHECKED BY: S. GREGORY</p>		<p>DATE: 12/23/2010</p>		<p>ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 343 CONGRESS STREET BOSTON, MA 02210</p>		<p>CONTRACT NO.: W9133N-04-D-0001</p>		<p>FILE NO.:</p>
<p>NO. DATE REVISIONS</p>		<p>NO. DATE REVISIONS</p>		<p>NO. DATE REVISIONS</p>		<p>NO. DATE REVISIONS</p>		<p>NO. DATE REVISIONS</p>



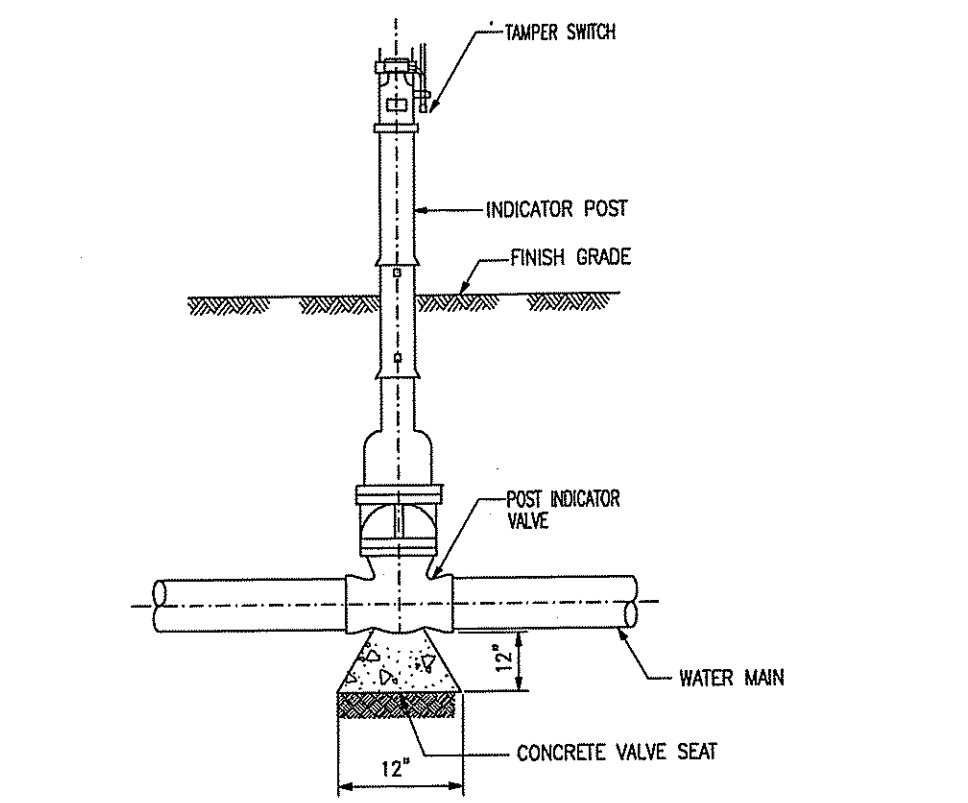
D1 AUTOMATIC AIR RELEASE MANHOLE
NTS



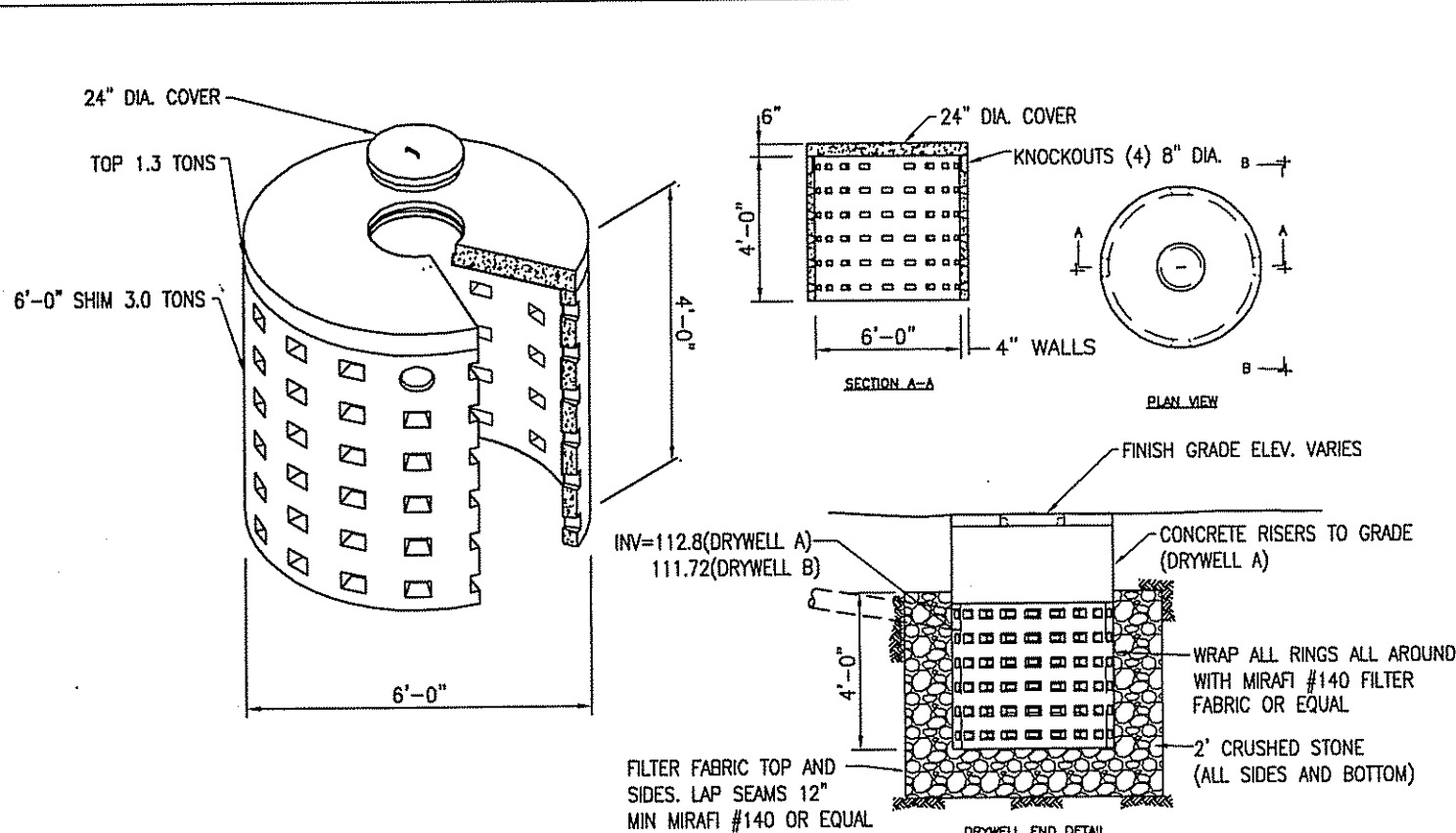
C1 WATER SERVICE TRENCH DETAIL
NTS



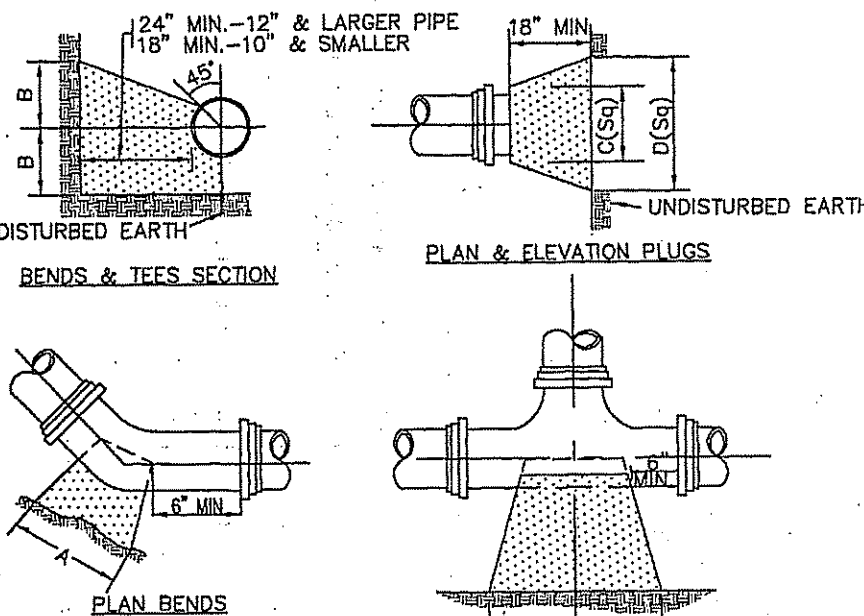
C4 SERVICE CONNECTION GREATER THAN 4 INCHES
NTS



C6 POST INDICATOR VALVE
NTS



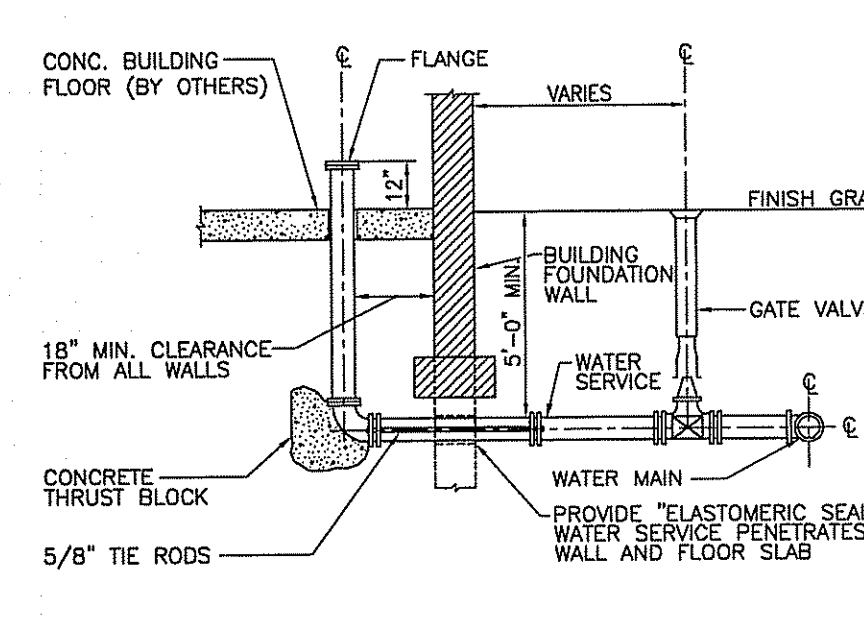
D2 DRYWELL
NTS



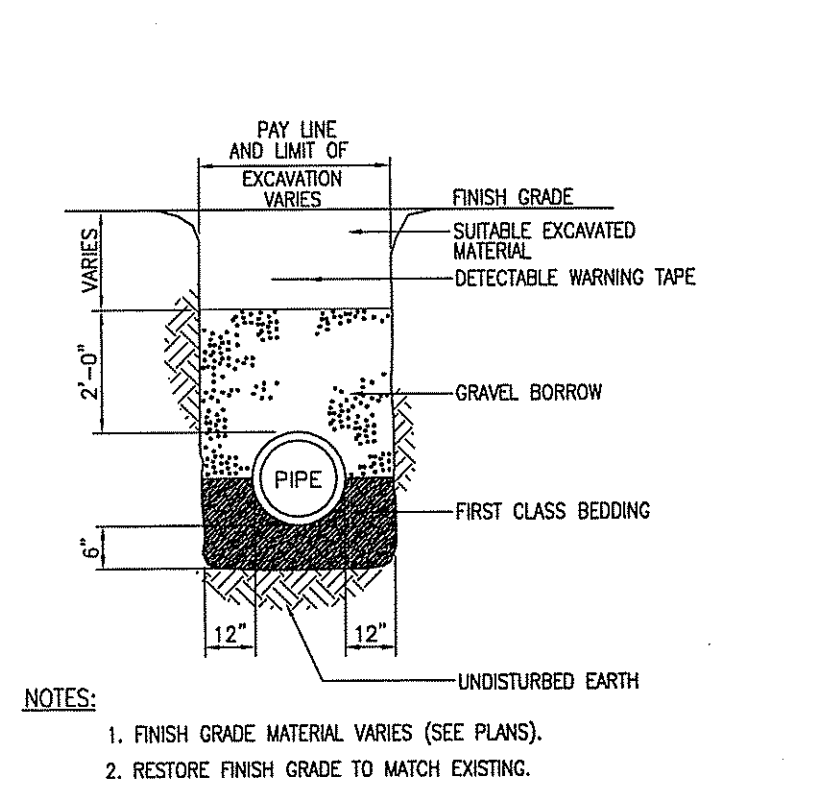
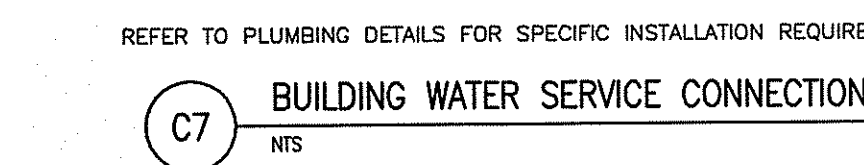
C2 THRUST BLOCK FOR WATER MAINS
NTS

SIZE	TEES	PLUGS	90° BEND	45° BEND	22° BEND	WYEBEND
A	B	C	A	B	A	B
6"	20"	10"	24"	12"	18"	9"
8"	28"	14"	32"	16"	24"	12"
10"	36"	18"	40"	20"	30"	15"
12"	44"	22"	48"	24"	36"	18"
14"	52"	26"	56"	28"	42"	21"
16"	60"	30"	64"	32"	48"	24"
18"	68"	34"	72"	36"	54"	27"
20"	76"	38"	80"	40"	60"	30"

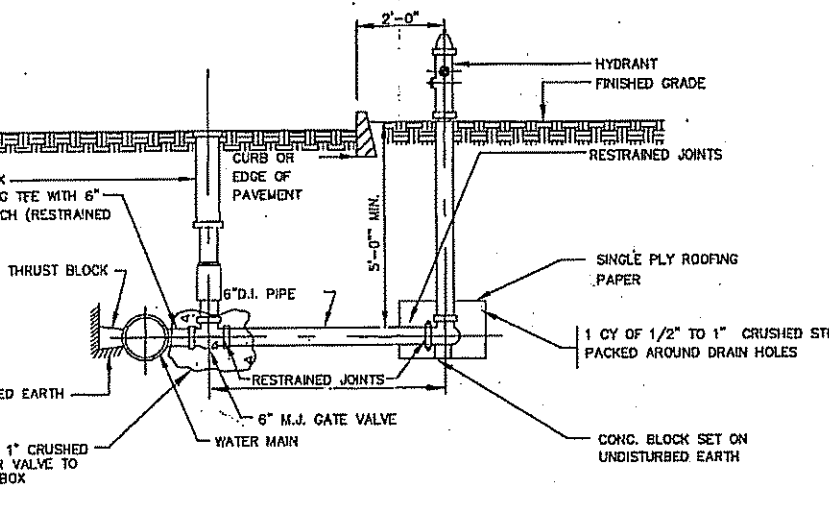
C5 TYP. VALVE CONNECTION RESTRAINED JOINT TEE
NTS



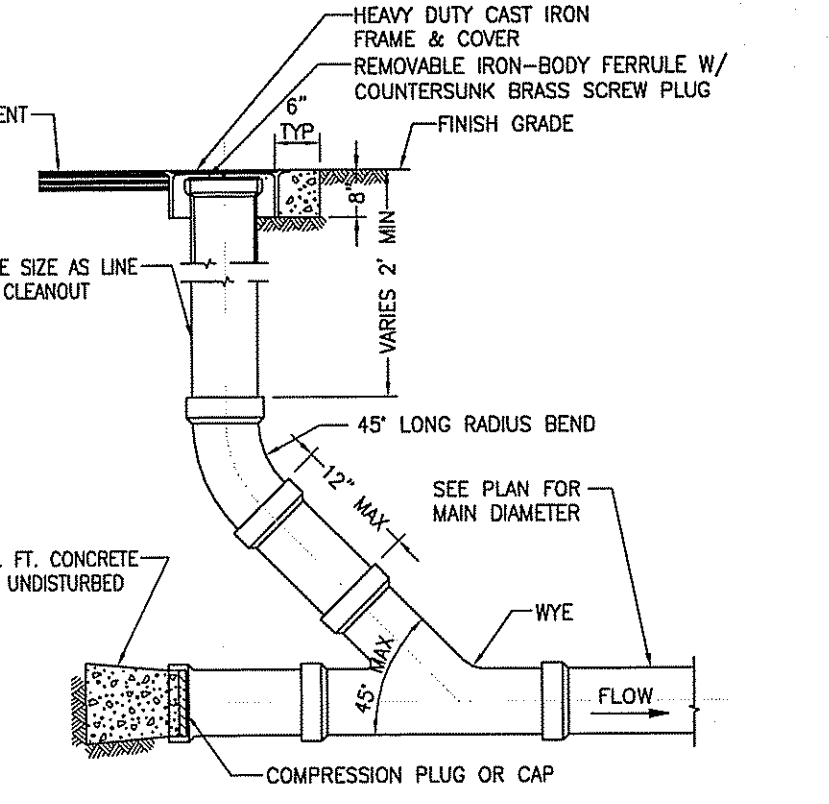
C7 BUILDING WATER SERVICE CONNECTION
NTS



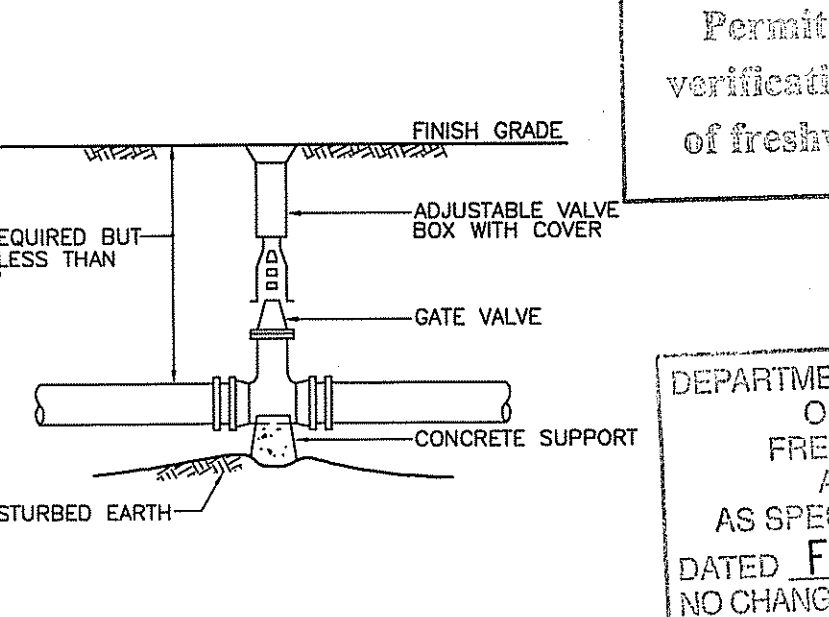
D3 DRAINAGE/SEWER UTILITY TRENCH DRAIN
NTS



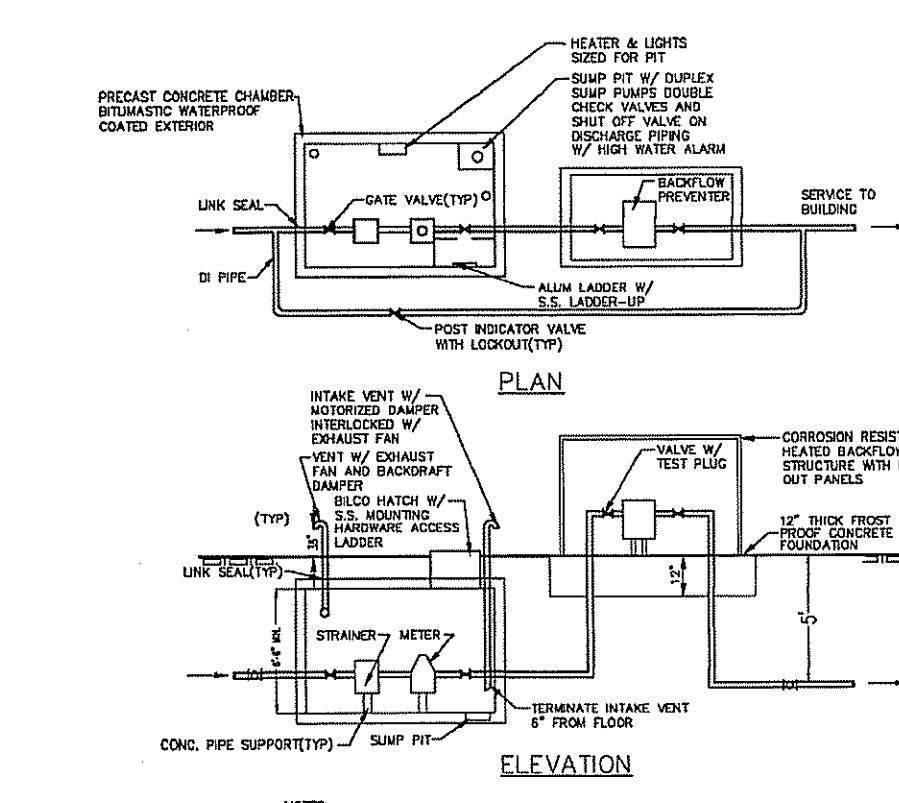
C3 FIRE HYDRANT
NTS



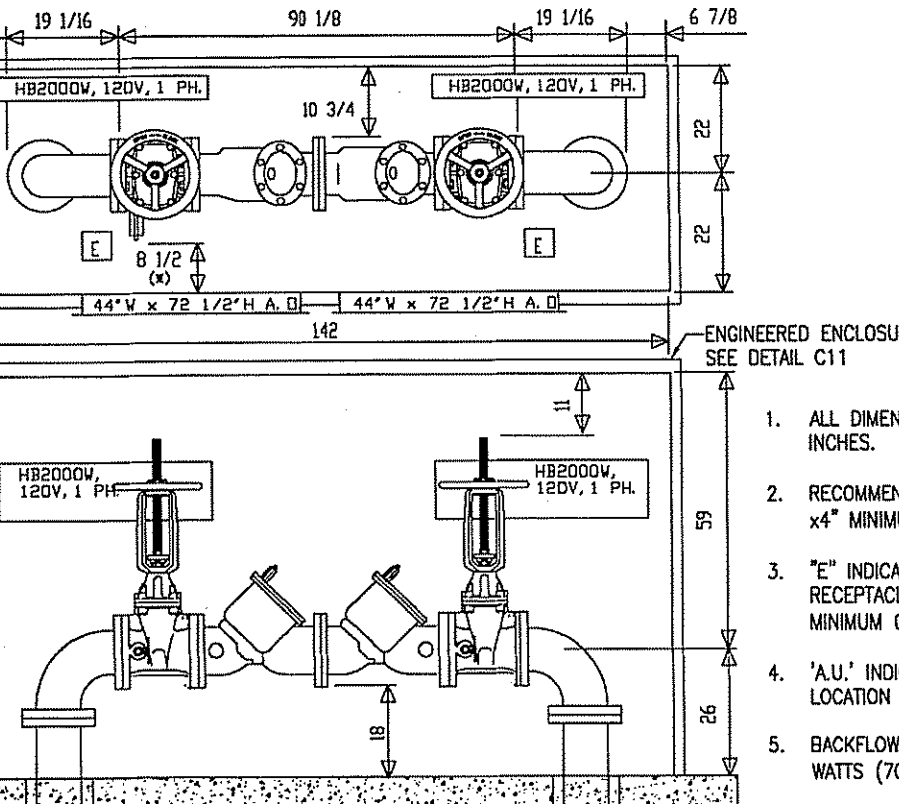
D4 ROOF DRAIN CLEANOUT DETAIL
NTS



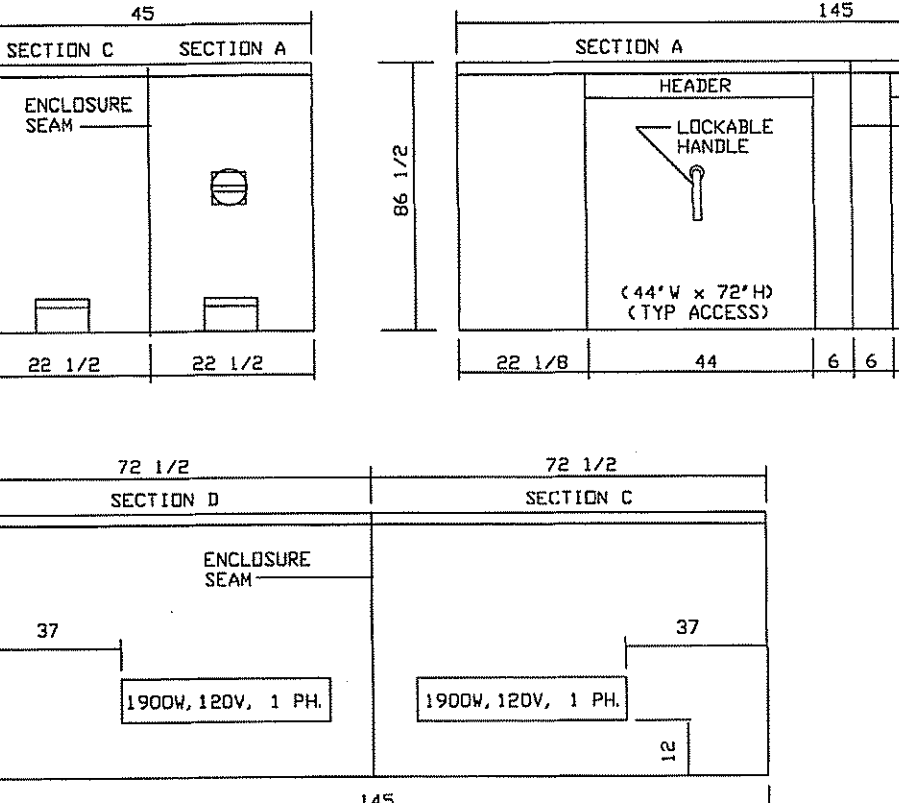
C8 TYPICAL GATE VALVE
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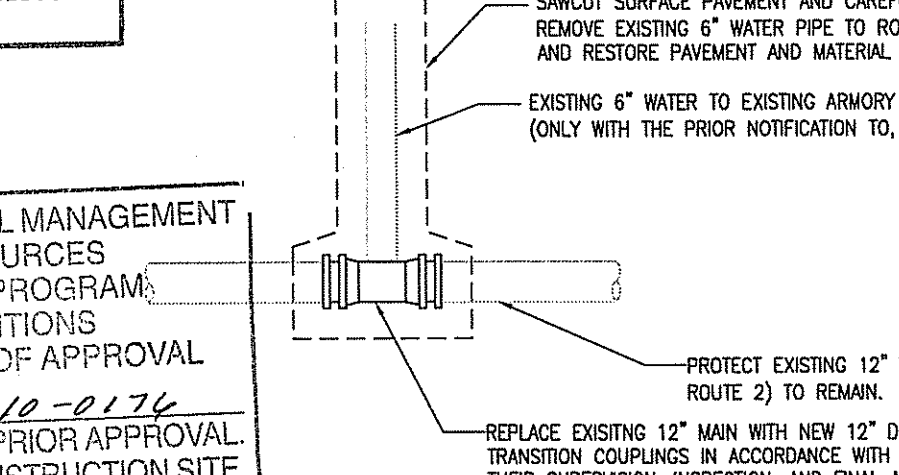
C9 ABOVE GROUND BACKFLOW CHAMBER
NTS



C10 BACKFLOW PREVENTOR
NTS



C11 HEATED ENCLOSURE STRUCTURE
NTS



C12 WATERLINE REPLACEMENT OF 12" MAIN (IN ROUTE 2)
NTS

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

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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W. Joseph Conroy

Environmental Management
DEC 23 2010
Office of Water Resources

NO.	DATE	REVISIONS	NO.	DATE	REVISIONS

RHODE ISLAND ARMY NATIONAL GUARD

DESIGNED BY: E. FOWLES
DRAWN BY: B. REYNOLDS
CHECKED BY: S. GREGORY
SCALE: AS NOTED

CAD FILE NAME: C-502
JOB NUMBER: FDM04104
PLAT DATE: 12/23/2010

JACOBS
1000 WATERMAN AVENUE
SUITE 5, EAST PROVIDENCE, RI 02914
TEL: 401-261-8000
FAX: 401-261-8002

PRIME A-E:

SURVEYOR: Which Associates Land Surveyors, Inc.
218 NORTH MAIN STREET
WEST BRIDGEWATER, MA 02779

GEOTECHNICAL ENGINEER: Paul B. Murray & Associates, Inc.
600A WATERMAN AVENUE
SUITE 5, EAST PROVIDENCE, RI 02914

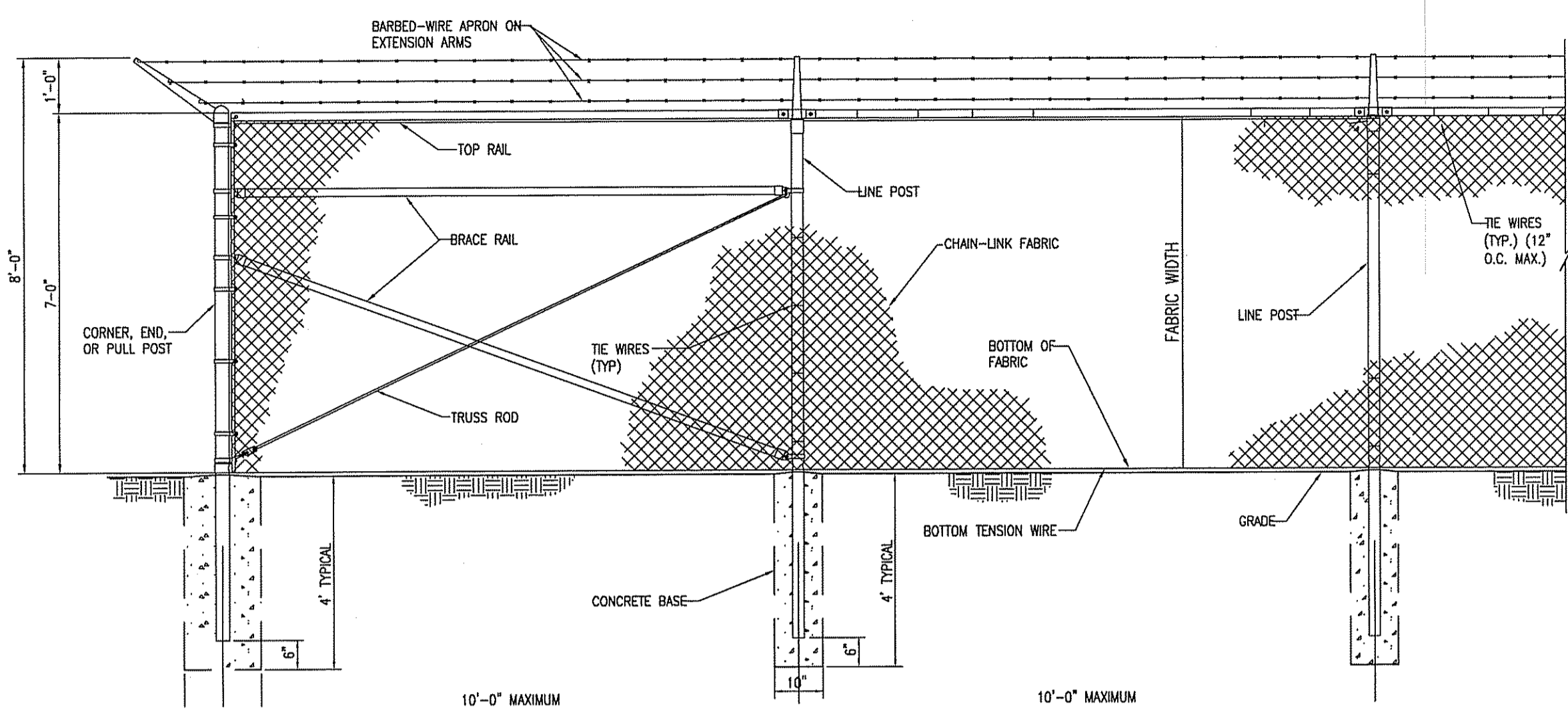
ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING
343 CONGRESS STREET
BOSTON, MA 02210

UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO)
CAMP FOGARTY EAST GREENWICH, RI

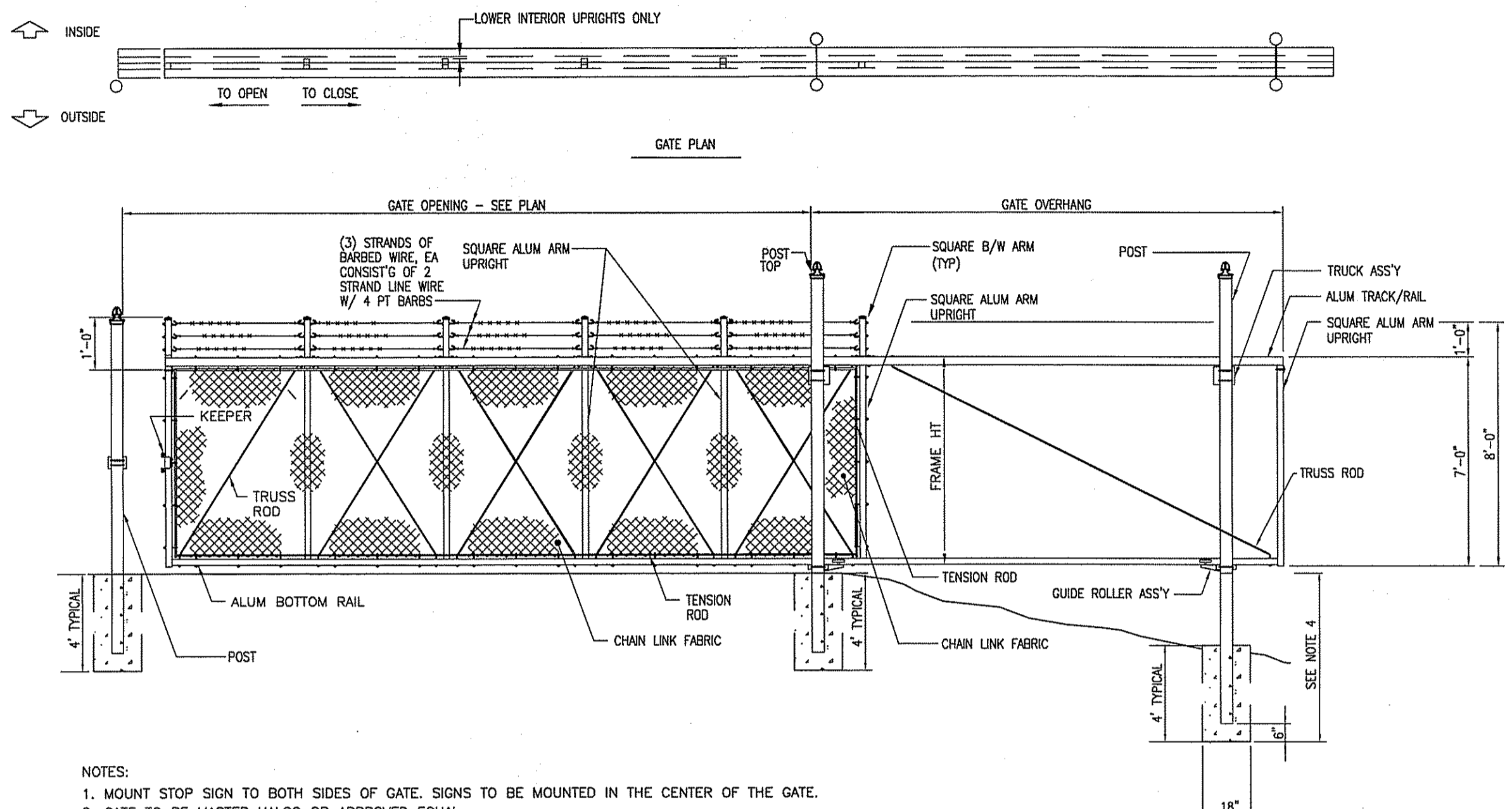
SITE DETAILS

DATE: 12 x 16
DRAWING NO: C-502
REVISION:

PN 440016	CONTRACT NO. W9133N-04-D-0001	FILE NO.
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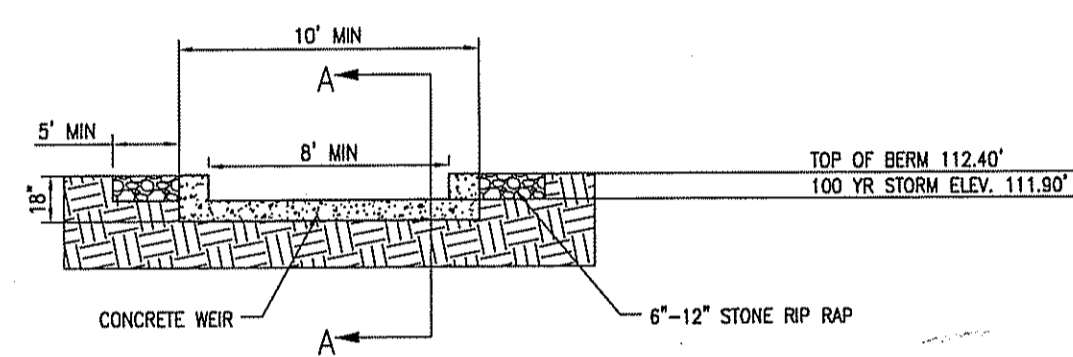


B6 CHAIN-LINK SECURITY FENCE
NTS

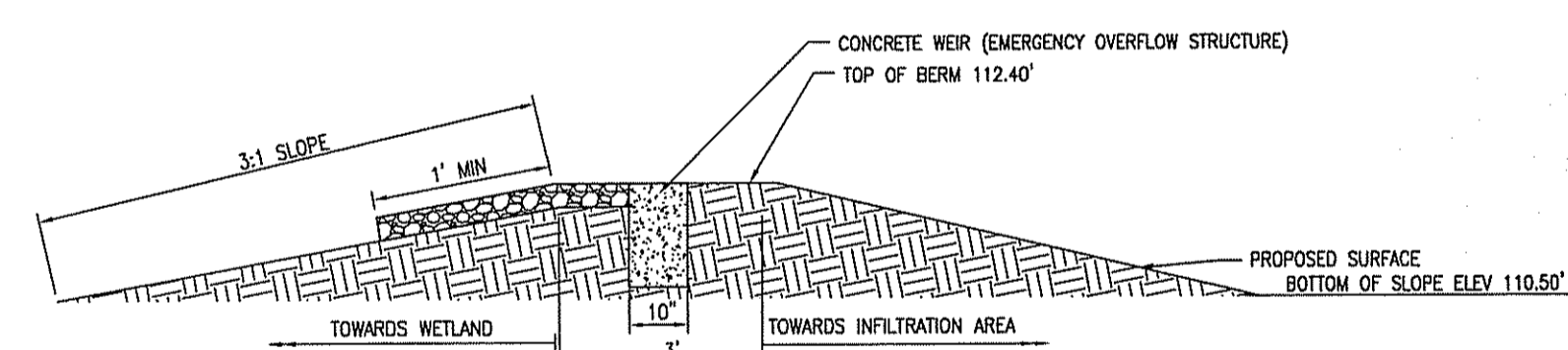


NOTES:
 1. MOUNT STOP SIGN TO BOTH SIDES OF GATE. SIGNS TO BE MOUNTED IN THE CENTER OF THE GATE.
 2. GATE TO BE MASTER HALCO OR APPROVED EQUAL.
 3. ALL SLIDING GATES ARE TO BE MOTORIZED.
 4. CONTRACTOR SHALL COORDINATE WITH FENCE MANUFACTURER ON LOCATION AND INSTALLATION DEPTH REQUIREMENTS OF THIS FOUNDATION IN THE SLOPED EMBANKMENT (SEE PLAN).

B7 SLIDING GATE
NTS

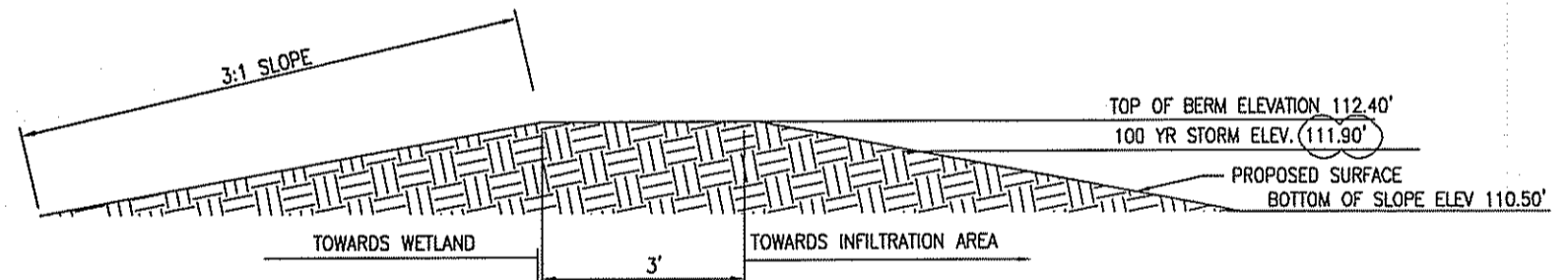


NOTES:
 1. RIP RAP TO BE 6"-12" DIA STONE FROM ONSITE EXCAVATION.

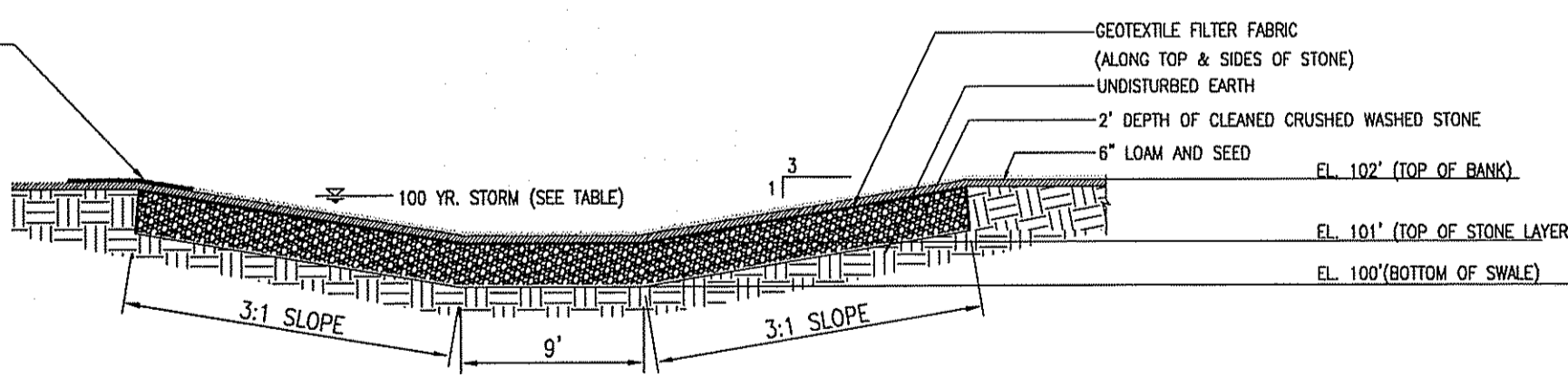


NOTES:
 1. RIP RAP TO BE 6"-12" DIA STONE FROM ONSITE EXCAVATION.

B8 EMERGENCY OVERFLOW STRUCTURE
NTS



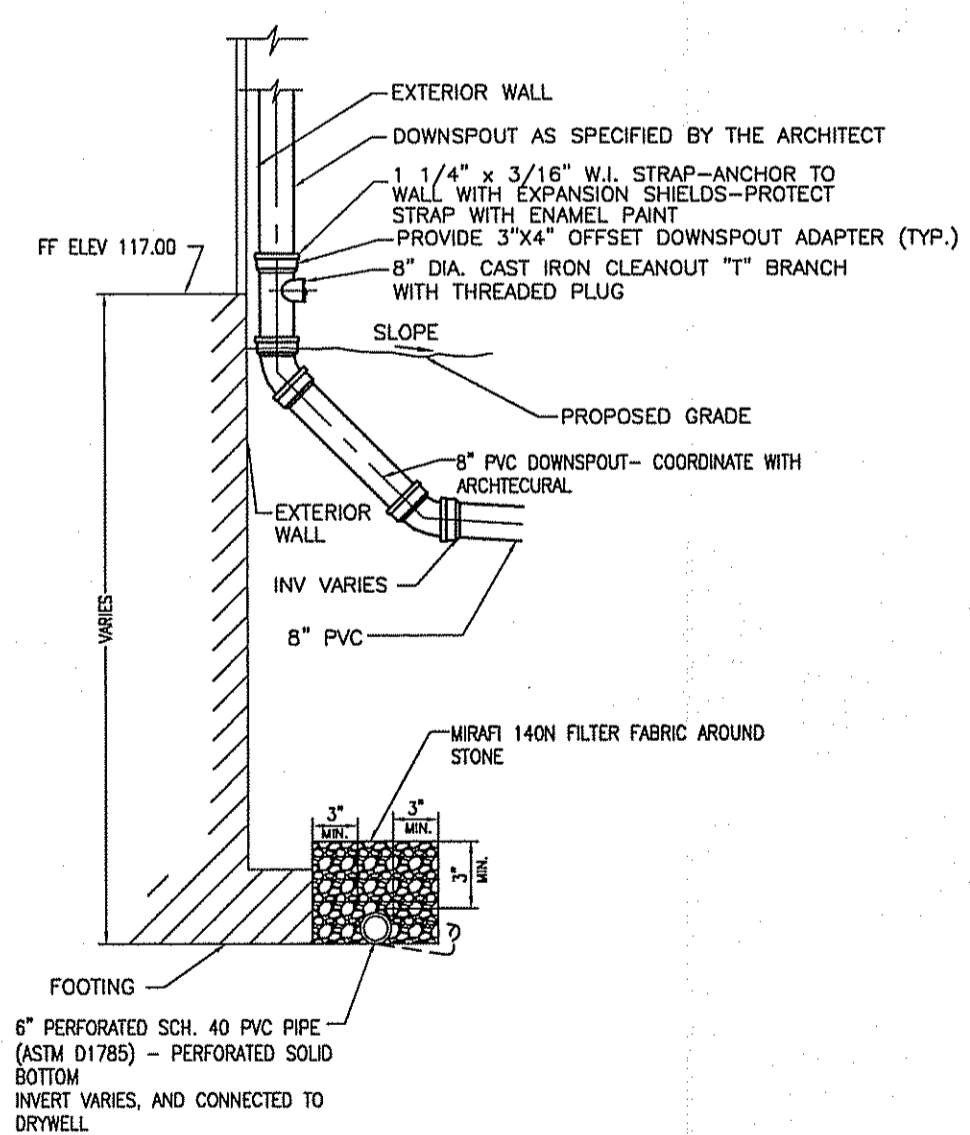
B9 TYPICAL BERM
NTS



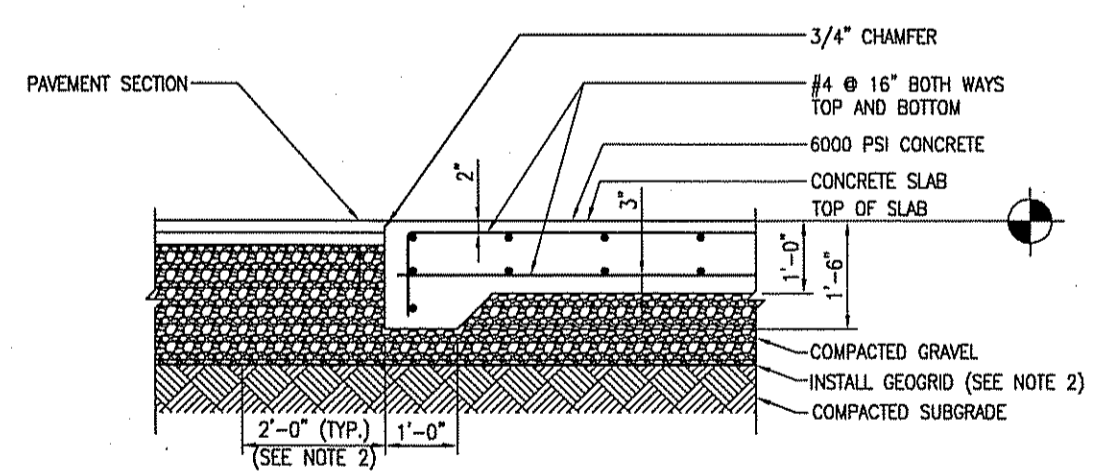
NOTES:
 1. STONE SHALL BE 1" ABOVE BOTTOM OF BIOSWALE SURFACE (ELEV. 100)
 2. FILTER STRIP VEGETATION TO BE AMERICAN EXCELSIOR CURLEX I OR EQUAL.

STORM EVENT	STORM ELEV
2 YR	101.86'
10 YR	101.91'
25 YR	101.92'
100 YR	101.95'

B10 BIOSWALE BASIN DETAIL
NTS



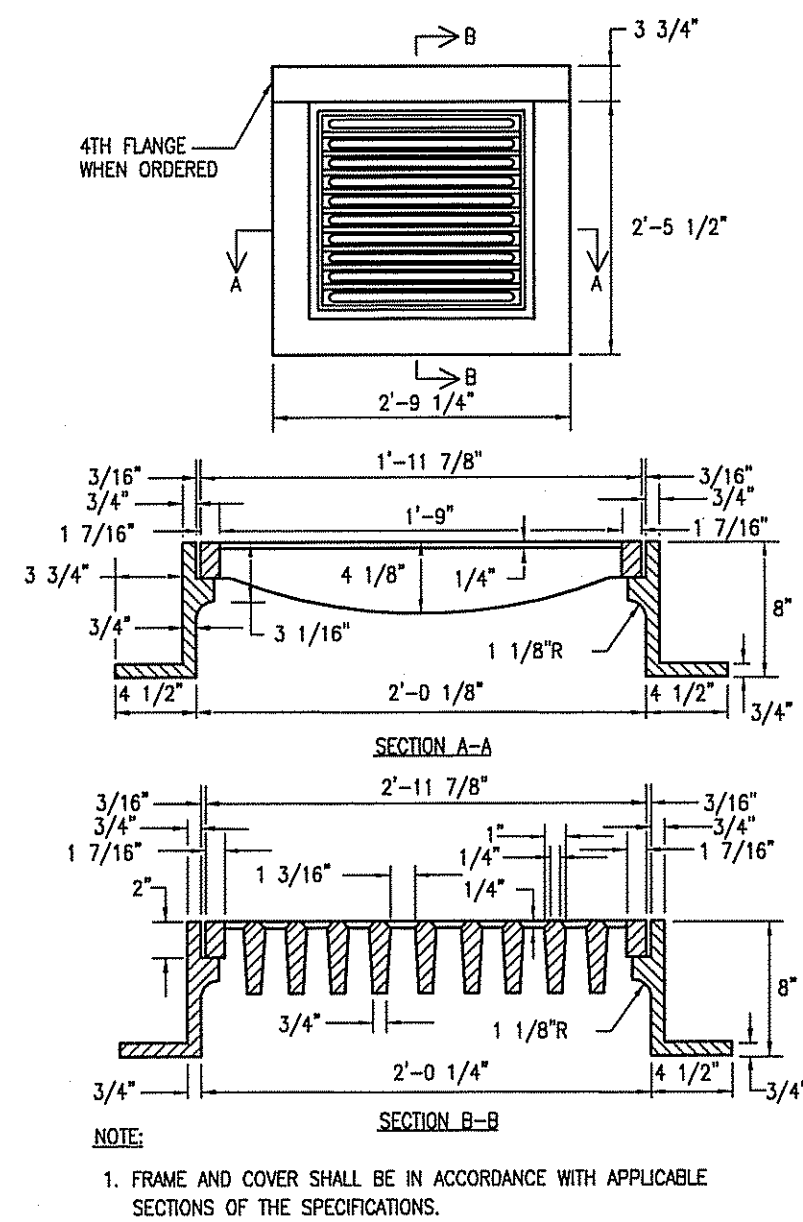
B11 ROOF DRAIN DOWNSPOUT & FOUNDATION DRAIN
NTS



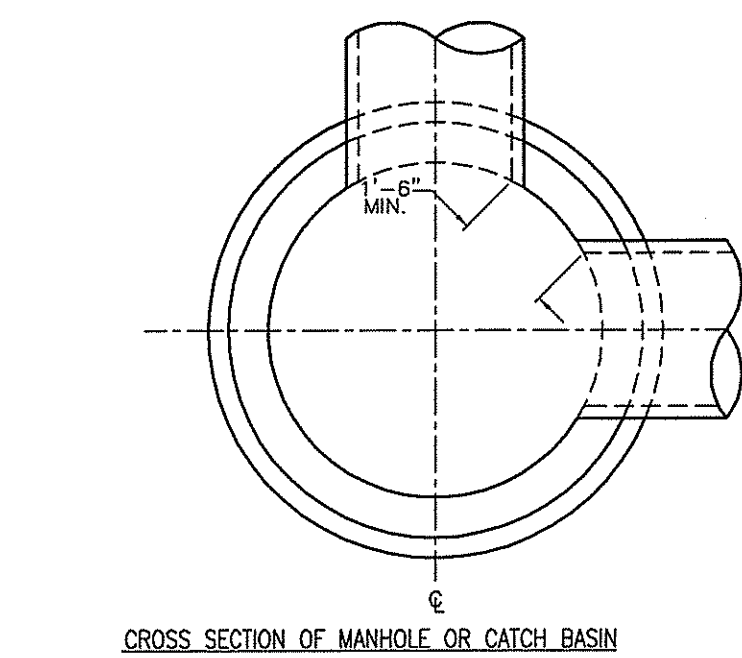
NOTES:
 1. CONSTRUCTION JOINTS TO BE SET AT 1/2 THE LENGTH AND WIDTH OF THE PAD OR A MAX OF 20 FEET.
 2. INSTALL TENSAR BISMAL GEODRID (OR EQUAL) UNDER THE CONCRETE PAD AND 2 FOOT OUTWARDS OF THE PAD FOOTPRINT BETWEEN THE GRAVEL AND SUBGRADE SOIL LAYER.

B12 DUMPSTER PAD SECTION
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
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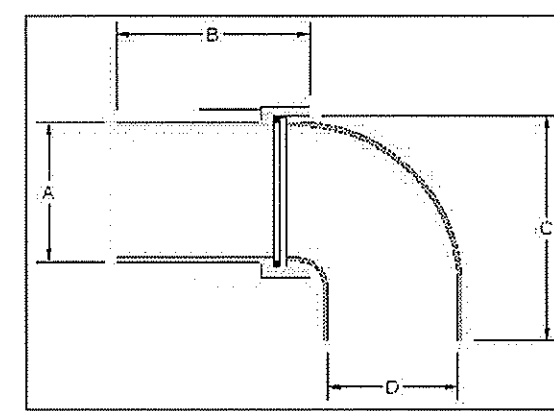
D5 SQUARE FRAME AND GRATE DETAIL
NTS



	4 FT. MANHOLE OR CATCH BASIN	5 FT. MANHOLE OR CATCH BASIN	6 FT. MANHOLE OR CATCH BASIN
MAX. PIPE O.D. STRAIGHT THRU TO 45° DEFLECTION	33 1/2" O.D. 27" R.C. PIPE	44" O.D. 36" R.C. PIPE	51" O.D. 42" R.C. PIPE
MAX. PIPE O.D. 90° DEFLECTION	23" O.D. 18" R.C. PIPE	33 1/2" O.D. 27" R.C. PIPE	37" O.D. 30" R.C. PIPE

- NOTE:
1. SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE SPECIFICATIONS.
 2. THE MINIMUM DISTANCE BETWEEN PIPES ENTERING MANHOLES AND CATCH BASINS MUST BE 1'-6". THE SIZE OF THE CATCH BASIN WILL BE DETERMINED BY THE PIPE SIZE AND ENTRY ANGLE. (SEE TABLE ABOVE).

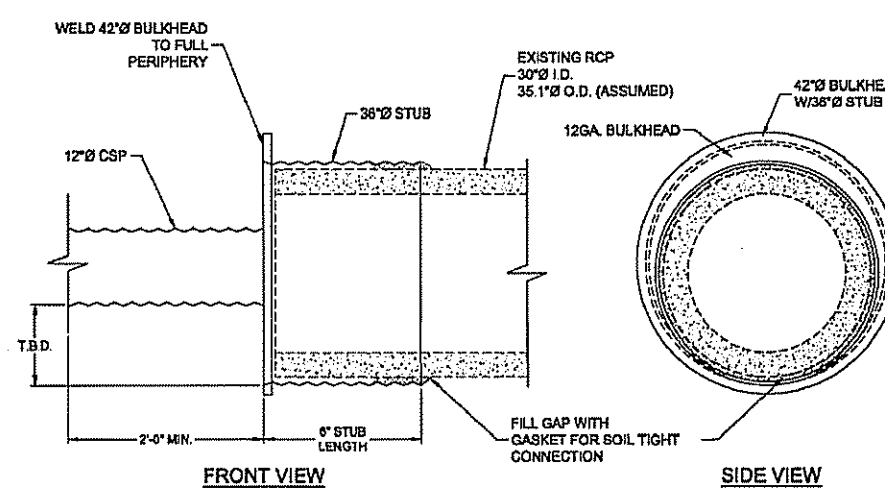
D8 ROUND MANHOLE AND CATCHBASIN
NTS



CAT. NO.	A	B	C	D	WT
L215-000	14 X	15 3/4	22 3/4	13 3/4	213
L219-12-000	11 X	15 3/4	18"	10 1/2	147

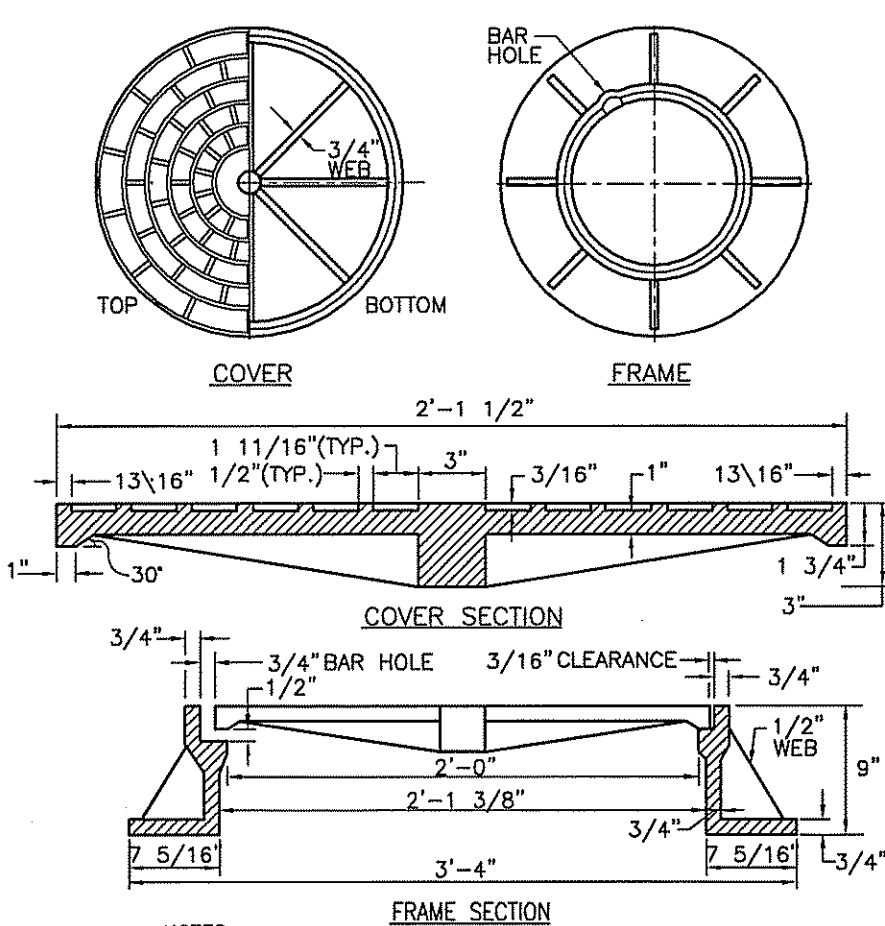
NOTE:
PART NUMBERS AND DIMENSIONS SHOWN ARE FROM LEBARON FOLIOLOGY. ACTUAL CATCH BASIN HOOD SHALL BE LEBARON OR EQUAL.

D6 CATCH BASIN HOOD DETAIL
NTS



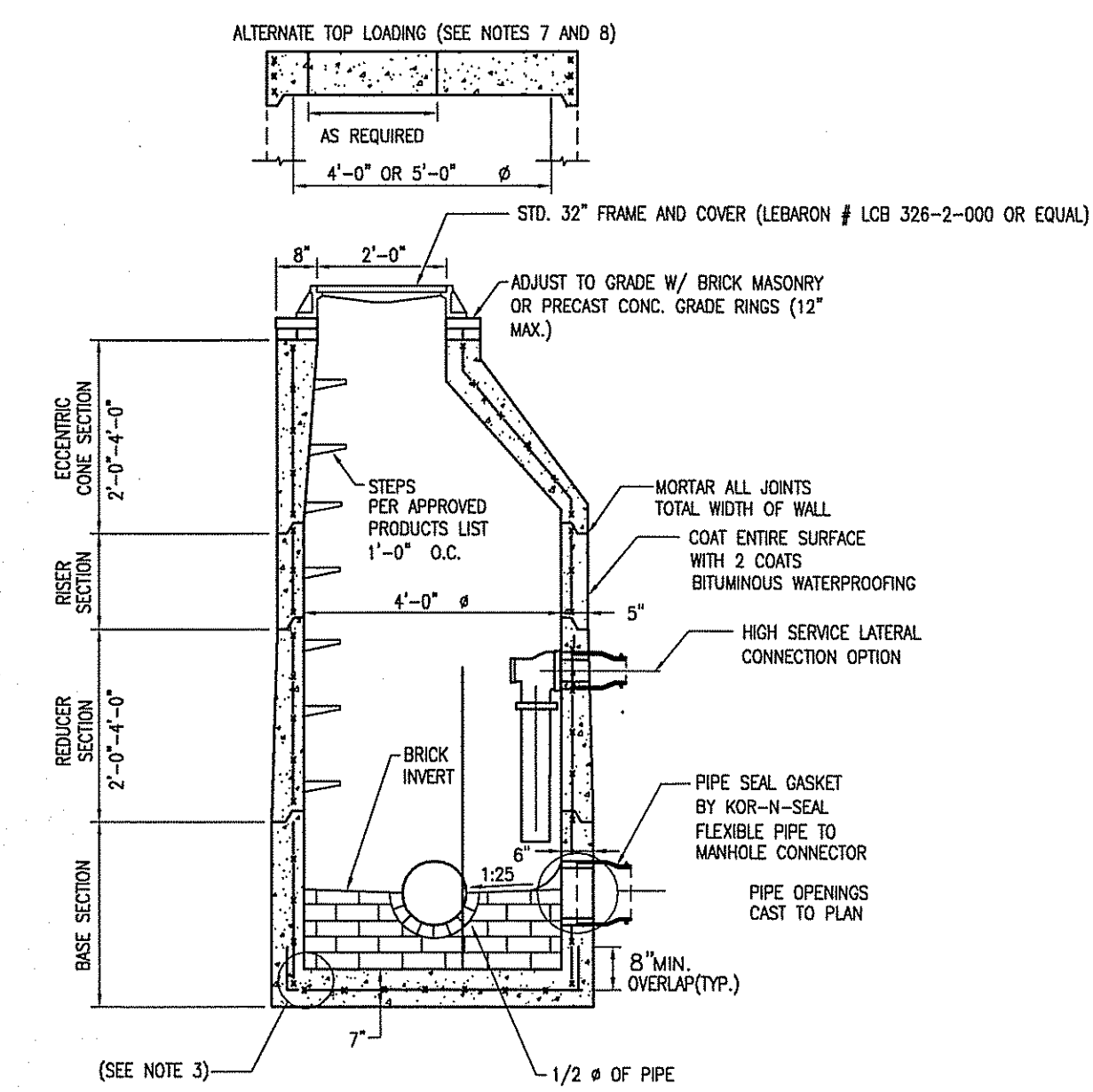
- NOTE:
1. 12" DIA CORRUGATED STEEL PIPE (CSP) CONNECTION ONTO EXISTING 30" DIA REINFORCED CONCRETE PIPE (RCP)
 2. THE BULKHEAD REDUCER WILL BE SHIP-WELDED TO BOTH SECTIONS OF CSP.
 3. BULKHEAD REDUCERS WILL BE REINFORCED AS NECESSARY PER ASTM A988, ONCE LIVE AND DEAD LOADING CONDITIONS ARE PROVIDED.
 4. SHALL BE CONTECH OR EQUAL.

D15 12" PIPE CONNECTION REDUCER
NTS



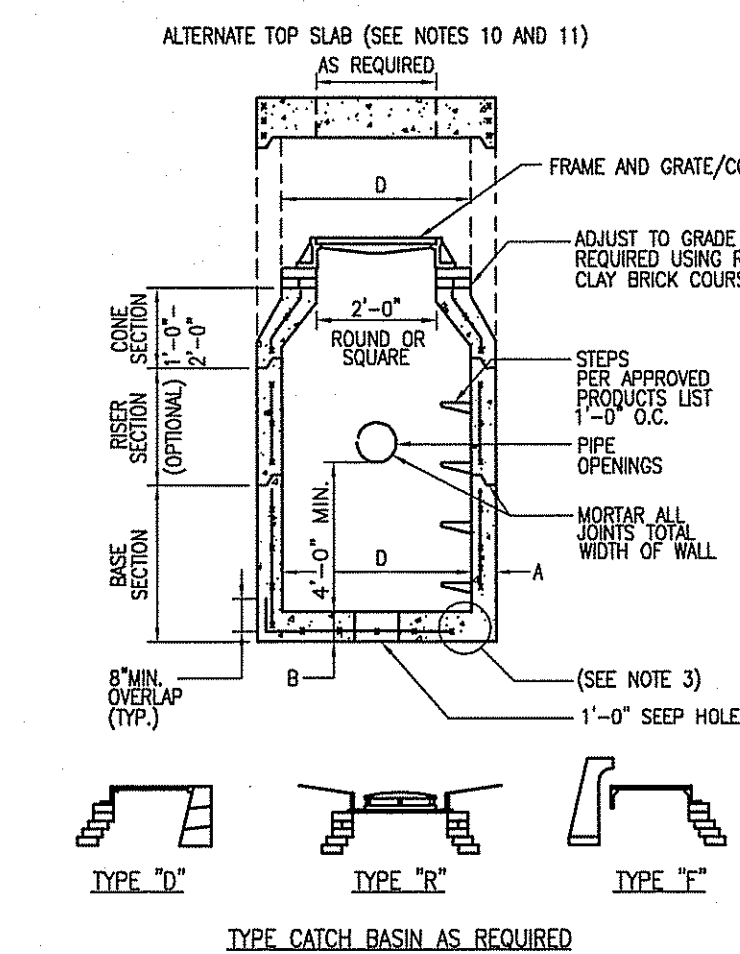
- NOTE:
1. FRAME AND GRATE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTION OF THE SPECIFICATIONS.
 2. FRAME AND COVER SEATS MUST HAVE MACHINE FINISH.
 3. COVER MARKINGS AS PER UTILITY REQUIREMENTS: I.E. "SEWER", "STORM", "ELECTRICAL".

D9 HEAVY DUTY FRAME AND COVER
NTS



- NOTE:
1. SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE SPECIFICATIONS.
 2. CIRCUMFERENTIAL STEEL REINFORCEMENT REQUIRED = 0.15 SQ. IN./LIN. FT. MINIMUM.
 3. STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQ. IN./LIN. FT. (BOTH WAYS).
 4. ONE FOUR MONOLITHIC BASE SECTION.
 5. 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.
 6. STEPS SHALL CONFORM TO THE CATCH BASIN AND MANHOLE STEP DETAIL AND SHALL BE INSTALLED AT THE CASTING PLANT.
 7. ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H-25 LOADING.
 8. ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
 9. REFER TO MAXIMUM PIPE SIZE DETAIL FOR MAXIMUM PIPE SIZES.
 10. INVERT SHOWN REFERS TO SANITARY SEWERAGE FLOWS, STORM SEWER MANHOLES SHALL HAVE A MINIMUM 4' DEEP SLUMP.

D7 PRECAST CONCRETE MANHOLE WITH LADDER-STEPS
NTS



- NOTE:
1. SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE SPECIFICATIONS.
 2. SEE TABLE 1 FOR STEEL REINFORCEMENT REQUIREMENTS.
 3. STEEL REINFORCEMENT FOR BASE SECTION BOTTOM SHALL BE A MINIMUM OF 0.12 SQ. IN./LIN. FT. (BOTH WAYS).
 4. STEPS SHALL CONFORM TO STEP DETAIL AND SPECIFICATIONS AND SHALL BE INSTALLED AT THE CASTING PLANT.
 5. ONE FOUR MONOLITHIC BASE SECTION.
 6. 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.
 7. CORBEL MADE OF RED CLAY BRICK WILL BE PERMITTED FOR THE "CONE SECTION" OF THE 4'-0" CATCH BASIN ONLY.
 8. FOR CATCH BASIN TYPES "D" AND "T" STEPS MUST BE INSTALLED ON THE CURB SIDE OF THE STRUCTURE.
 9. THE CENTERLINE OF THE OPENING MUST BE WITHIN 2'-0" FROM THE STEPS.
 10. ALTERNATE TOP SLAB IS STEEL REINFORCED TO MEET OR EXCEED H-25 LOADING.
 11. ALTERNATE TOP SLAB IS ONLY FOR USE WHEN REDUCING SECTION DOES NOT FIT BECAUSE OF STRUCTURE DEPTH.
 12. ALL CATCH BASINS SHALL HAVE A MINIMUM SLUMP DEPTH OF 4'.

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

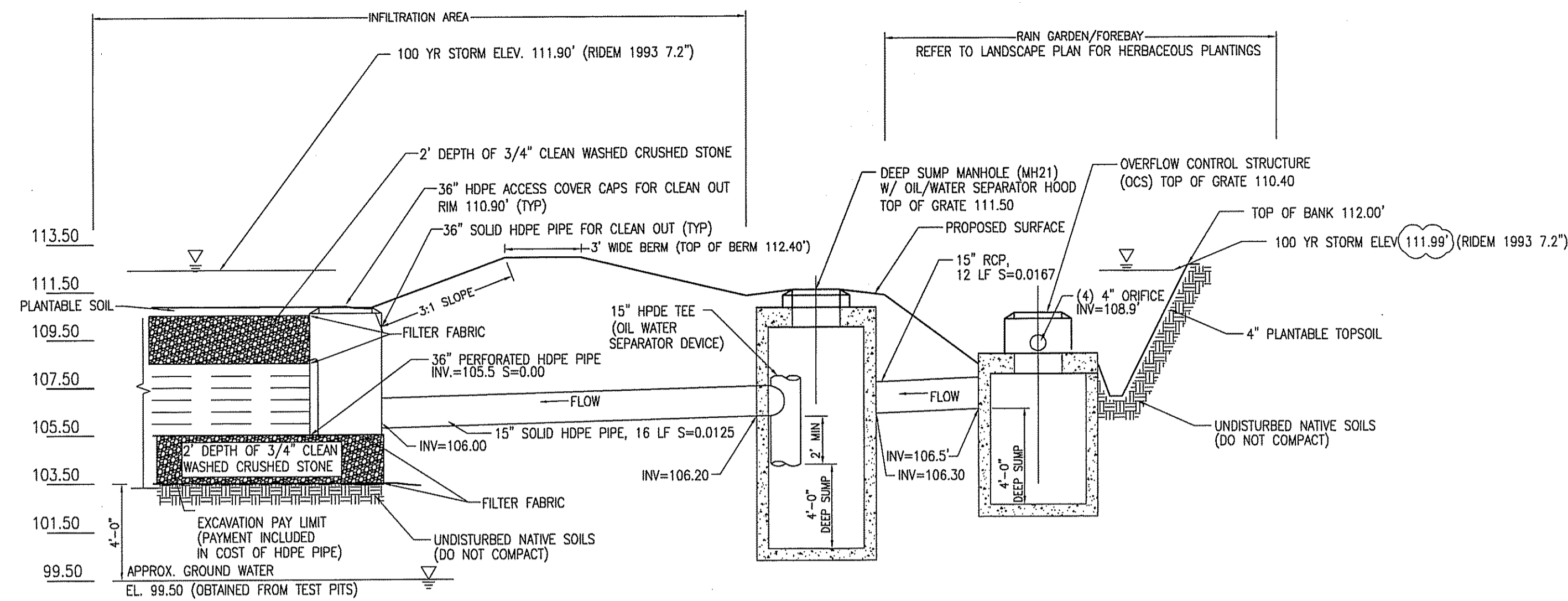
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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DATED FEB - 8 2011 FILE # 10-0176
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

W. Joseph Conroy

Environmental Management
DEC 22 2010
Office of Water Resources

RHODE ISLAND ARMY NATIONAL GUARD OCCUPIED BY: E. PONTES DRAWN BY: B. REYNOLDS CHECKED BY: S. GREGORY SCALE: AS NOTED				JOB FILE NO.: C-504 JOB NUMBER: F000404 PLOT DATE: 12/23/2010 THREE BALLETON PLAZA, 100 NORTH GLDIE ROAD, SUITE 200 WARRINGTON, RHODE ISLAND 02892 TEL: 078 218-9000 FAX: 078 218-9000				SURVEYOR: Welch Associates Land Surveyors, Inc. 218 NORTH MAIN STREET WEST BHOODENWATER, MA 02578 GEOTECHNICAL ENGINEER: Paul B. Adinger & Associates, Inc. 862A WATERMAN AVENUE SUITE 9, EAST PROVIDENCE, RI 02914 ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 343 CONGRESS STREET BOSTON, MA 02210				UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY, EAST GREENWICH, RI				SITE DETAILS SHEET 14 OF 16 DRAWING NO. C-504			
NO.		DATE		REVISIONS		NO.		DATE		REVISIONS		PW 440016		CONTRACT NO. W9133N-04-D-0001		FILE NO.			



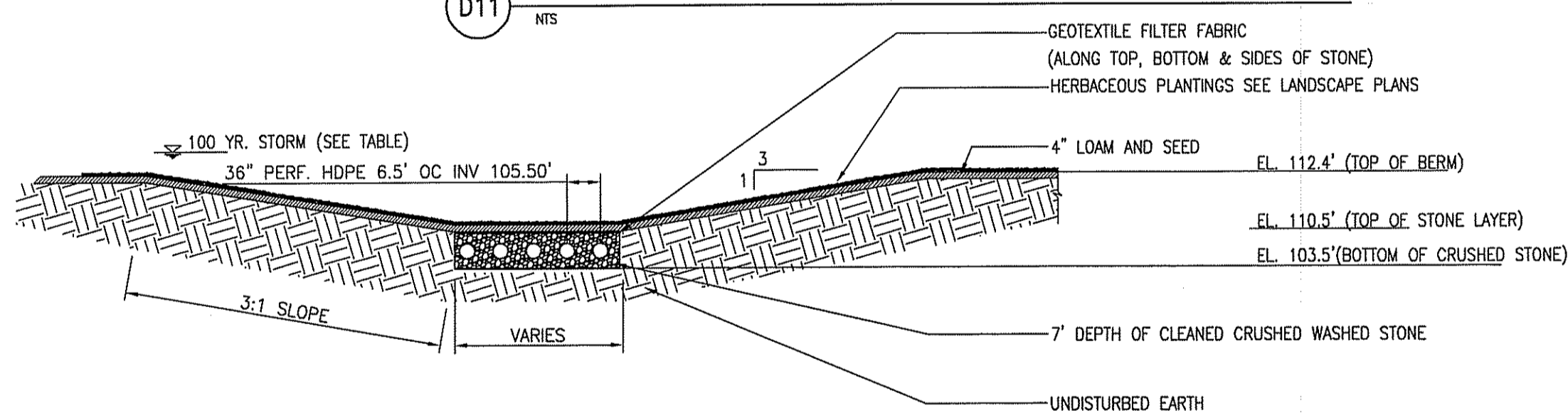
NOTES

1. INFILTRATION SYSTEM CONSIST OF A TOTAL UNDERGROUND STORAGE AREA OF 7,392 SF WITH (600 LF 36" PERFORATED PIPE (6.5" OC) AND 16 LF 15" SOLID HDPE PIPE FOR CLEAN OUT CONNECTIONS.
2. THE CLEAN WASHED CRUSHED STONE IS TO BE PLACED FROM ELEVATION 103.50 TO THE 110.50 CONTOUR WITHIN THE INFILTRATION AREA.
3. REFER TO DETAIL D13 FOR TYPICAL CROSS SECTIONAL VIEW OF INFILTRATION AREA.
4. OIL WATER SEPARATOR DEVICE TO EXTEND AT LEAST 2' INTO THE DRAINAGE STRUCTURE.

INSTALLATION, MAINTENANCE AND INSPECTION NOTES

1. ALL ELEMENTS OF THE STORMWATER MANAGEMENT SYSTEM SHALL BE CLEANED OF SOLIDS, SEDIMENT, AND ANY OTHER DEBRIS, NATURAL OR OTHERWISE THAT HAS COLLECTED IN THE SYSTEMS ANNUALLY (LATE SPRING) AT A MINIMUM.
2. THE GRASS SURFACES ABOVE THE INFILTRATION SHALL RECEIVE PERIODIC MAINTENANCE DURING THE GROWING SEASON.
3. THE FILTER FABRIC PLACED UNDER THE GRATES OF THE SURFACE BASINS IN THE INFILTRATION SYSTEM SHALL BE CLEANED OF FALLEN LEAVES AND DEBRIS (LATE AUTUMN) AND REPLACED ANNUALLY.
4. THE INFILTRATION SYSTEM SHALL BE CLEANED OF ACCUMULATED SEDIMENT ANNUALLY (LATE SPRING) AT A MINIMUM VIA VACUUM HOSE-TRUCK METHOD AT ALL ACCESS STRUCTURES IN THE SYSTEM. REPAIRS IF ANY SHALL BE PROVIDED AS REQUIRED.
5. ALL DRAINAGE PIPES SHALL BE CLEANED IMMEDIATELY UPON CONFIRMATION OF DEBRIS OR SEDIMENT BLOCKAGES DURING INSPECTION.
6. ALL DRAINAGE STRUCTURES, FRAMES AND COVERS SHALL BE DESIGNED TO HANDLE H-25 LOADING, INCLUDING BUT NOT LIMITED TO NYLOPLAST RISER STRUCTURES (OR EQUAL).
7. RENEWAL OF THE GRASS LAYER OF DEEP TILLING AND REVEGETATIONS TO BE PART OF THE LONG TERM OPERATION AND MAINTENANCE PROGRAM AND SHALL BE PERFORMED AT LEAST ONCE EVERY 5 YEARS. ALL AREAS SHALL BE REVEGETATED AND LANDSCAPED AS PER THE ORIGINAL DESIGN PLANS.
8. VACUUMING AND CLEANING OF CATCHBASINS, MANHOLES, AND CLEANOUTS SHALL BE PERFORMED AT THE END OF WINTER PRIOR TO SPRING AND END OF FALL PRIOR TO WINTER. DOWNSTREAM PIPES SHALL BE TEMPORARILY BLOCKED OFF VIA HAYBALE, TO PREVENT SEDIMENTATION AND DEBRIS FROM ENTERING THE SEDIMENTATION FOREBAY AND/OR INFILTRATION AREA DURING ALL CLEANING OPERATIONS.

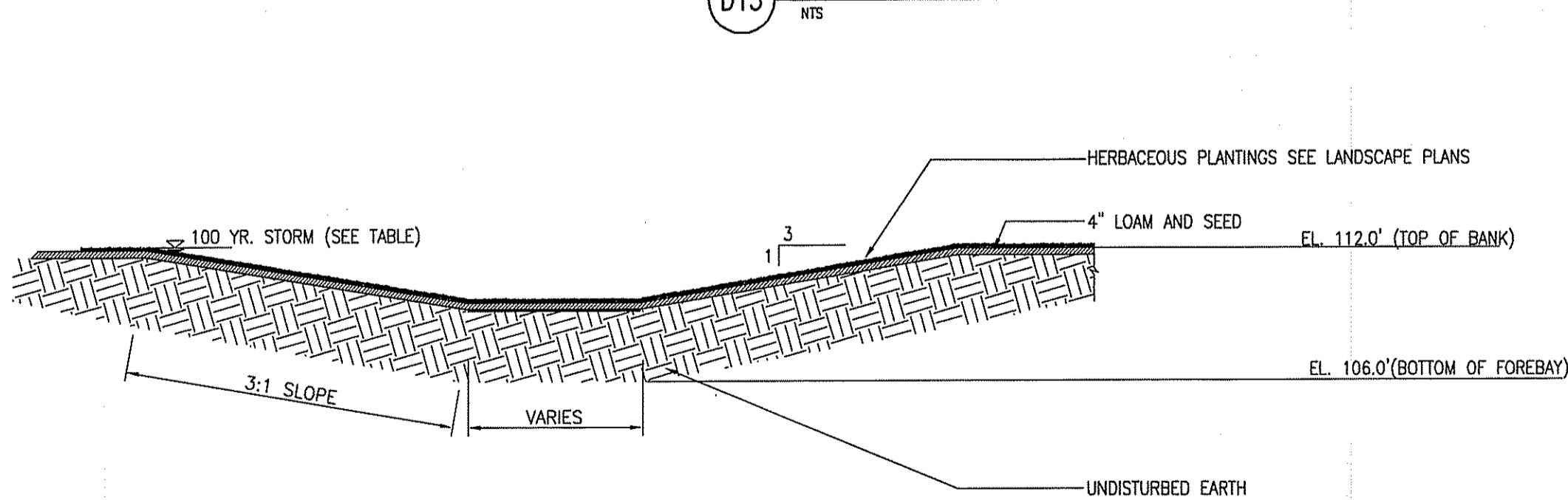
D11 SEDIMENTATION FOREBAY AND UNDERGROUND INFILTRATION BASIN DETAIL



NOTES:

1. REFER TO DETAIL D11, FOR ADDITIONAL STRUCTURAL LAYOUT.

D13 UNDERGROUND INFILTRATION CROSS SECTIONAL VIEW



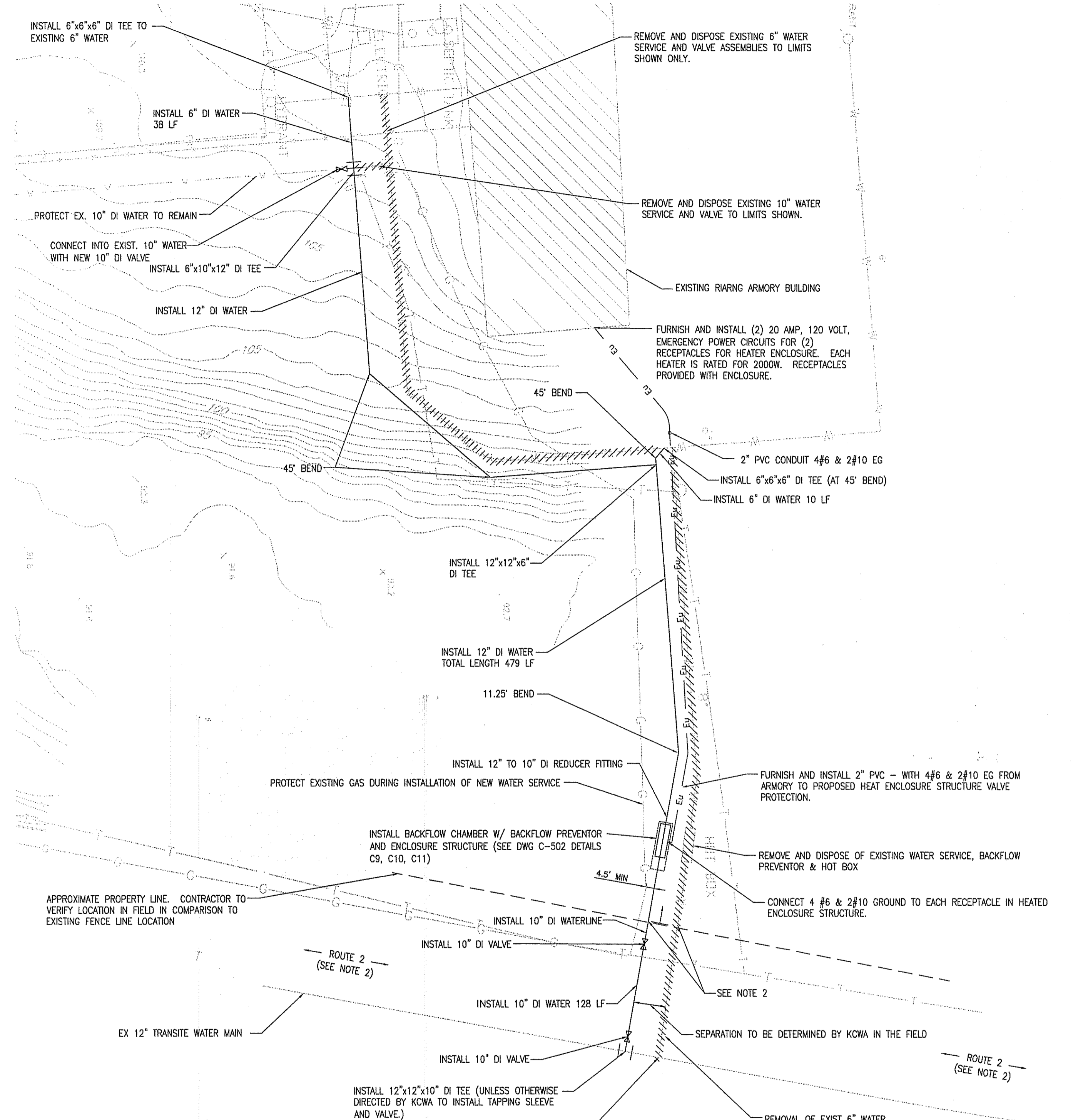
NOTES:

1. REFER TO DETAIL D11, FOR ADDITIONAL STRUCTURAL LAYOUT.

D14 SEDIMENTATION FOREBAY CROSS SECTIONAL VIEW

STORM EVENT	STORM ELEV
2 YR	107.29
10 YR	110.51'
25 YR	110.82'
100 YR	111.90'

STORM EVENT	STORM ELEV
2 YR	110.75'
10 YR	111.02'
25 YR	111.11'
100 YR	111.99'

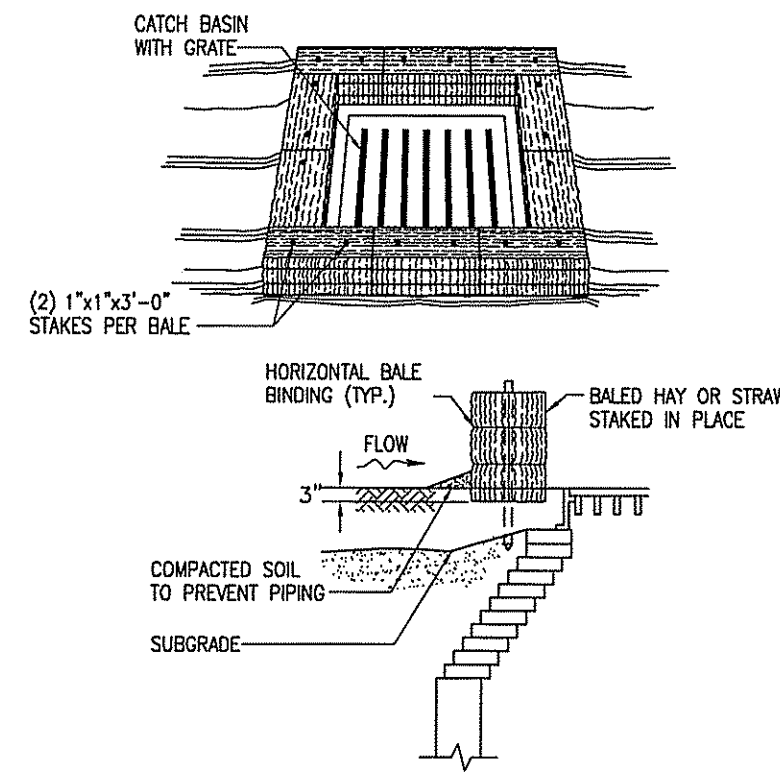


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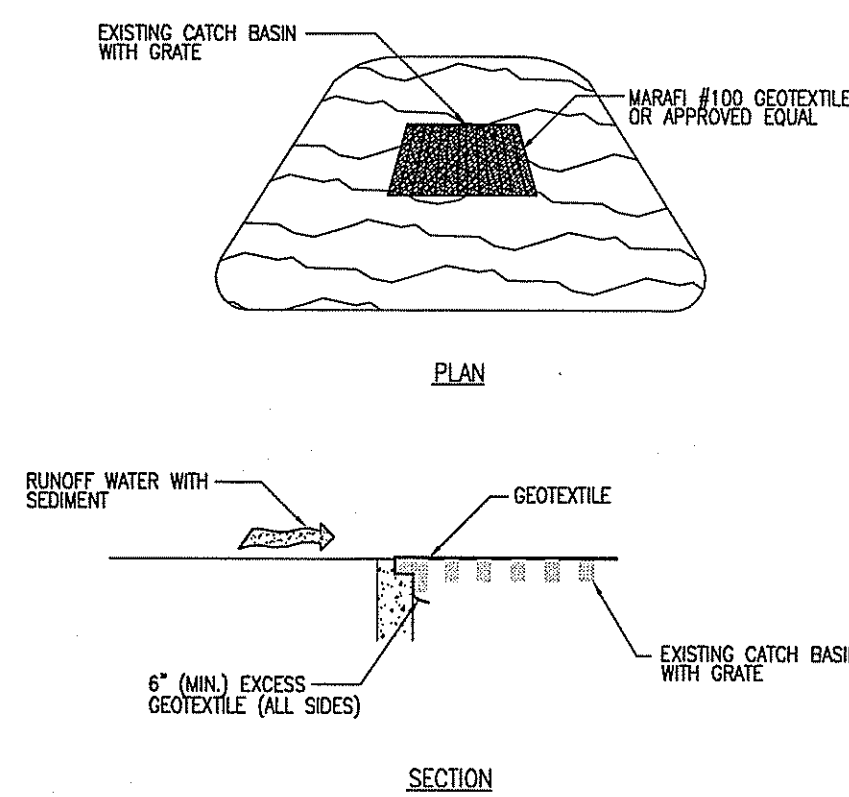
W. Joseph Conroy
10" WATERLINE CONNECTION AT ROUTE 2

- NOTES**
1. KCWA REFERS TO KENT COUNTY WATER AUTHORITY. ALL WORK PERFORMED BY THE CONTRACTOR SHALL BE IN CONFORMANCE WITH KCWA RULES & REGULATION, LATEST ISSUE THEREOF.
 2. CONTRACTOR SHALL REFER TO KCWA RULES AND REGULATIONS FOR SERVICE INSTALLATION AND EXTENSIONS FOR PROPER REVIEW AND INSTALLATION REQUIREMENTS.
 3. CONTRACTOR SHALL NOTIFY KCWA AT LEAST 72 HOURS IN ADVANCE OF INITIATION OF WATER SERVICE INSTALLATION. (NO WORK SHALL BE AUTHORIZED TO BEGIN UNTIL THE CONTRACTOR IDENTIFIES TO KCWA THAT ALL MATERIALS AND EQUIPMENT ARE AVAILABLE AND PRE-STOCKPILED ON SITE FOR INSTALLATION WITHOUT ANY FORESEEN DELAYS.)
 4. CONTRACTOR TO COORDINATE WITH AND PERFORM ALL WORK SHOWN IN COMPLIANCE WITH THE SITE SUPERVISION OF KCWA FOR ALL WATER REMOVALS AND NEW INSTALLATIONS AS SHOWN.
 5. REFER TO SITE UTILITIES PROFILE DWG FOR PROPOSED WATER SERVICE PROFILE.
 6. CONTRACTOR SHALL DEVELOP A TRAFFIC MANAGEMENT PLAN TO SATISFACTION AND APPROVAL OF KCWA, RIDOT, AND THE RI STATE POLICE FOR WORKZONE PROTECTION. THE COST OF DEVELOPING, COORDINATING, SAID PLAN AND INSTALLING AND REMOVING ALL TEMPORARY WORKZONE PROTECTION DEVICES SHALL BE BOURNE BY THE CONTRACTOR.
 7. CONTRACTOR SHALL COORDINATE AND CONFIRM EXISTING LOCATIONS IN ROUTE 2 WITH KCWA AND ALSO DIGSAFE TO VERIFY ALL EXISTING ON-PROPERTY LOCATIONS.

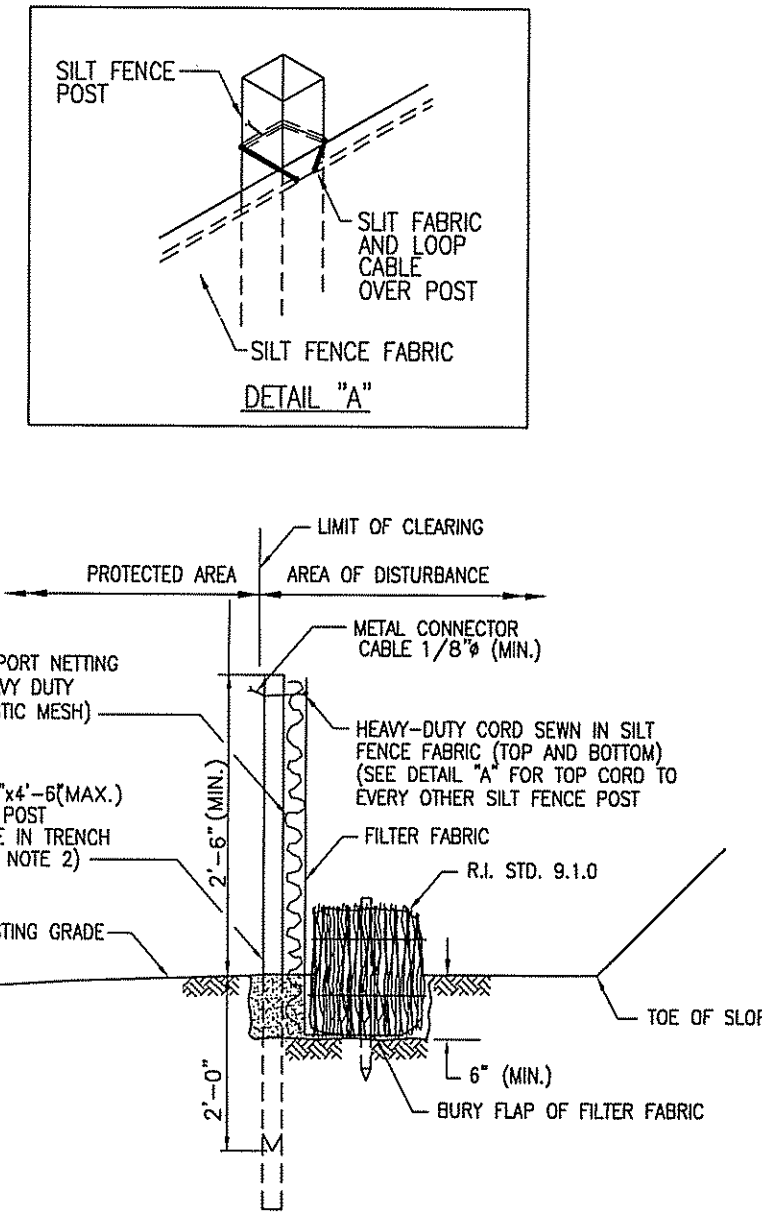


- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 209 OF THE R.I. STANDARD SPECIFICATIONS.
 2. THIS INLET PROTECTION CAN ALSO BE USED WHEN CONSTRUCTION SEQUENCING REQUIRES A CATCH BASIN TO BE EXPOSED TO SEDIMENT FROM THE SUBGRADE. THIS WILL BE ACHIEVED BY INSTALLING THE BALED HAY AS SHOWN ON THIS DETAIL INTO THE SUBGRADE.
 3. THE PERIMETER CONFIGURATION OF THE BALED HAY WILL VARY DEPENDING ON THE PARTICULAR TYPE OF CATCH BASIN INLET BEING CONSTRUCTED. THE ENGINEER WILL PROVIDE SPECIFIC DIRECTION IN SUCH CASES.

E1 BALED HAY CATCHBASIN PROTECTION INLET
NTS

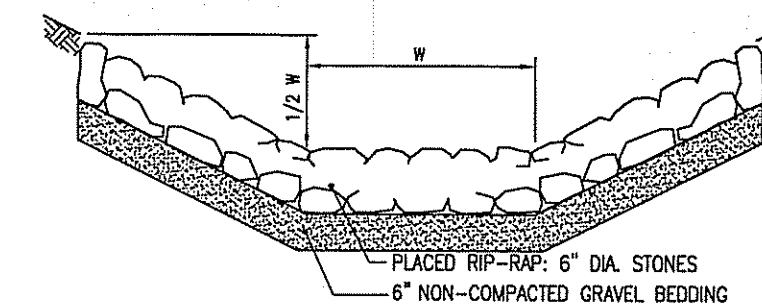


E2 FILTER FABRIC INSERT INLET PROTECTION DETAIL
NTS

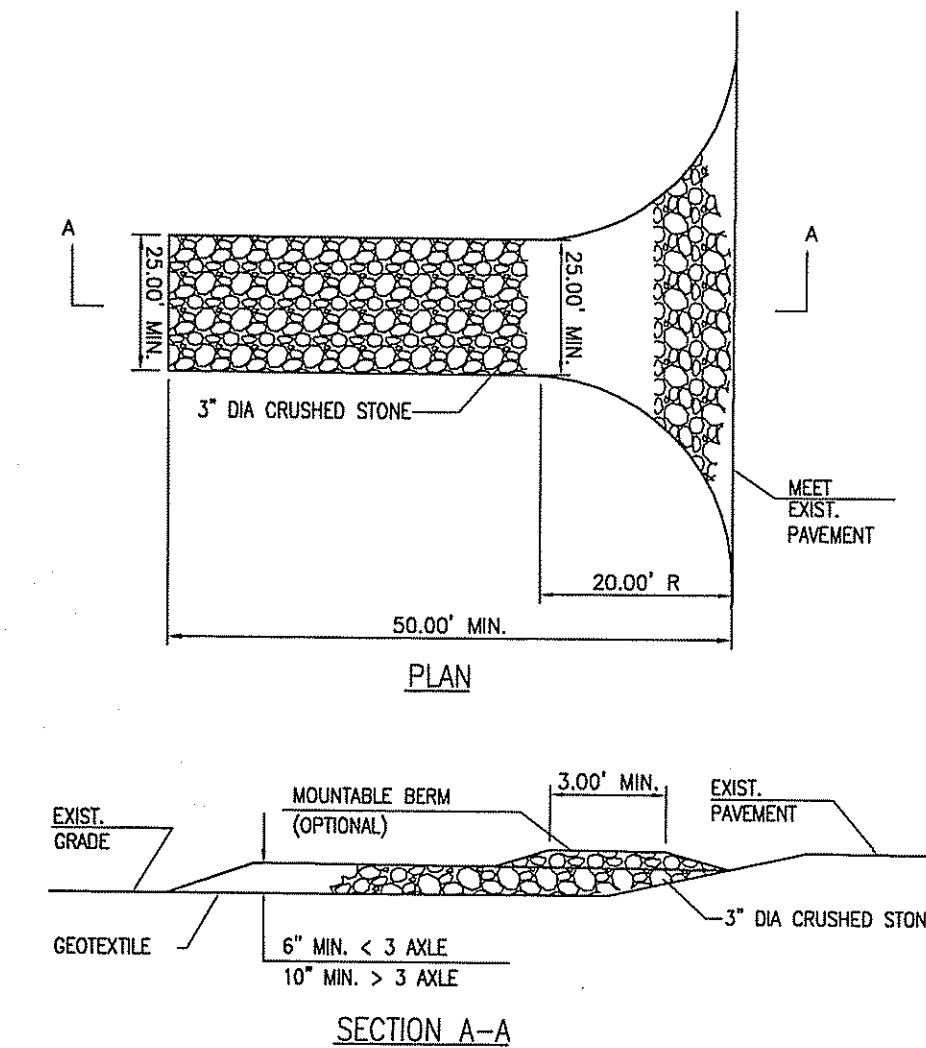


- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 2. R.I. STD. 9.1.0 IS INSTALLED TIGHT AGAINST SILT FENCE. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICE. SILT FENCE FABRIC SHALL NOT BE R.I. STD. 9.1.0 POST SHALL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

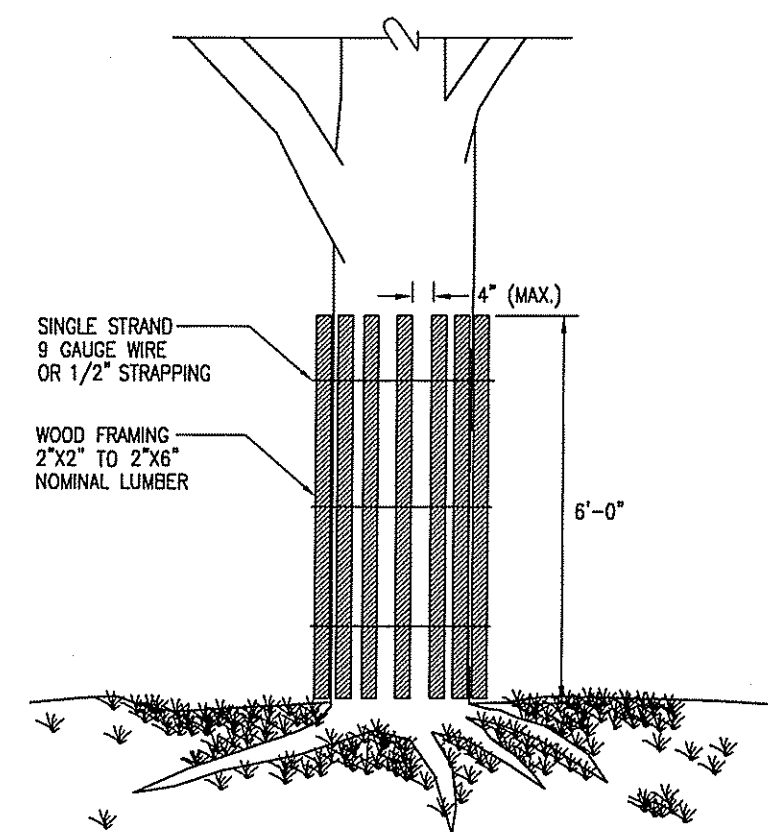
E3 BALED HAY EROSION CHECK AND SILT FENCE COMBINED
NTS



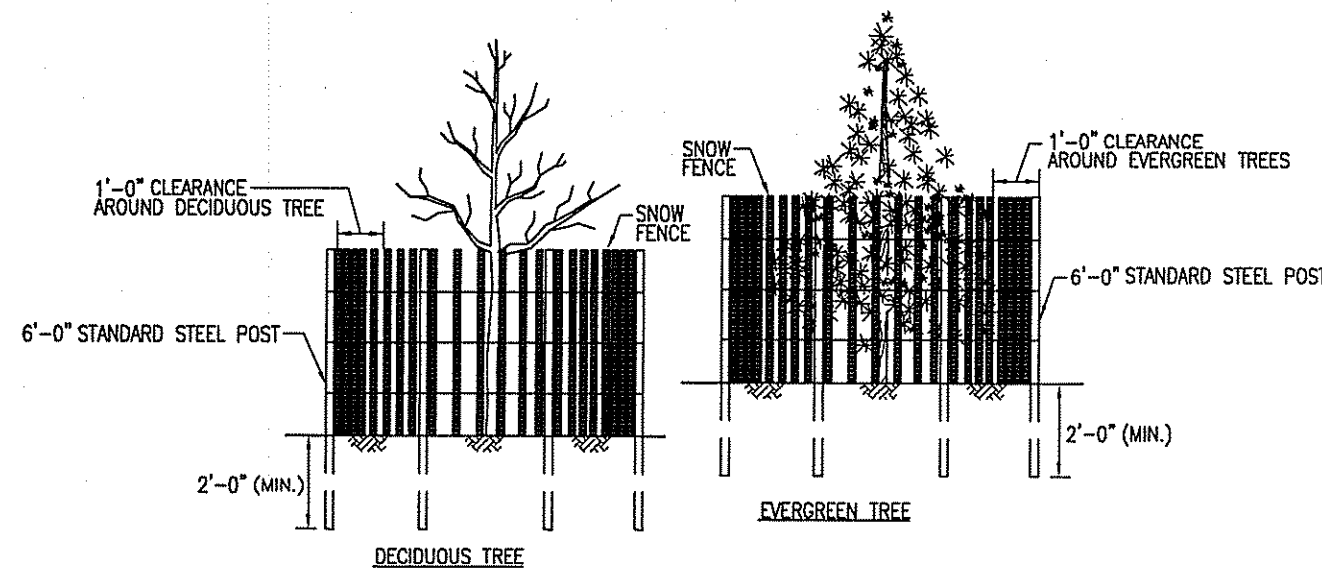
E4 RIP RAP DITCH
NTS



E5 CONSTRUCTION ENTRANCE DETAIL
NTS

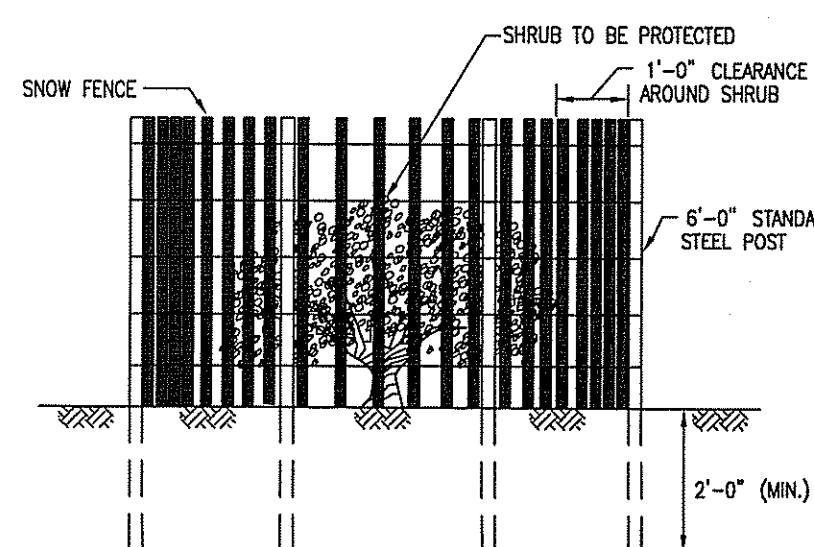


E6 TREE PROTECTION DEVICE
NTS

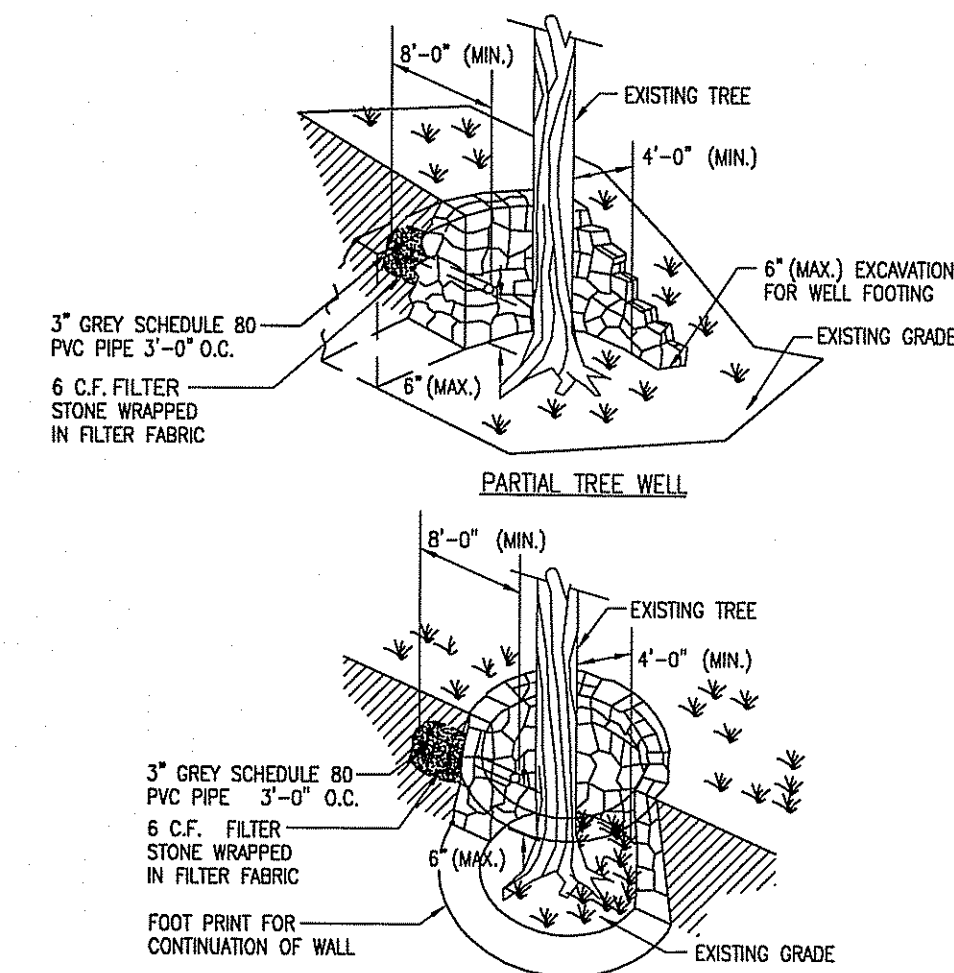


- NOTES:**
1. SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
 2. THE CONTRACTOR SHALL MAKE EVERY NOT TO DISTURB THE AREA WITHIN THE DRIP LINE OF THE TREE. DISTURBANCE WITHIN 5' OF SEGMENTAL WALLS AND 6' WITHIN TOP WALLS IS ACCEPTABLE.

E7 DRIP LINE PROTECTION DEVICE
NTS



E8 SHRUB/VEGETATION PROTECTION DEVICE
NTS



- NOTE:** SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

E9 TREEWELL
NTS

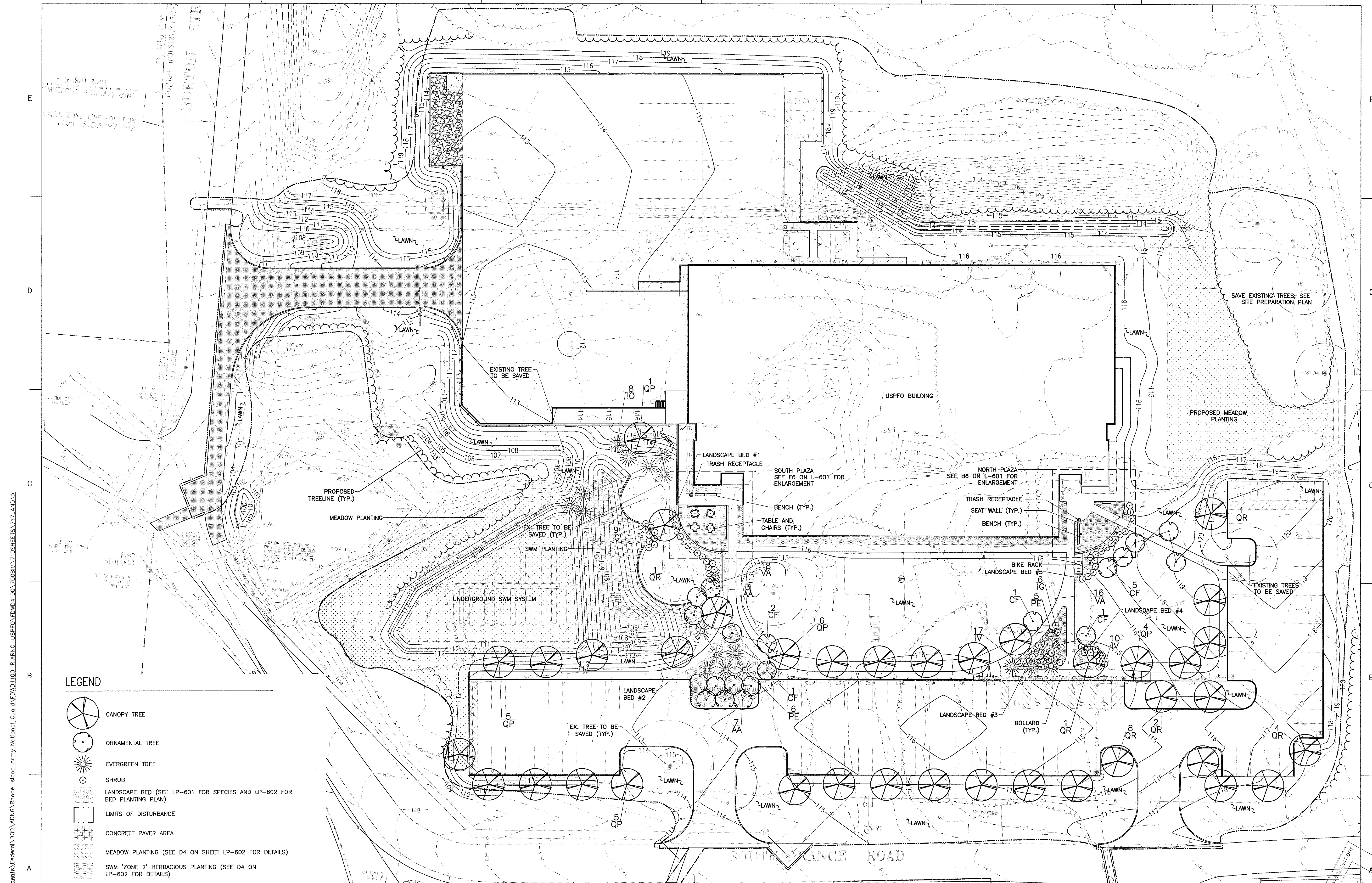
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DATED FEB 8 2011 FILE # 10-0176
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W. Joseph Cooney

Environmental Management
Office of Water Resources
FEB 8 2011

DESIGNED BY: E. PONTES DRAWN BY: B. REYNOLDS CHECKED BY: S. GREGORY SCALE: AS NOTED				CAD FILE NAME: C-506 JOB NUMBER: F09041004 PLOT DATE: 12/23/2010 3830 BALLESTON PLAZA, 100 NORTH OLIVE ROAD, SUITE 300 ANNAPOLIS, MARYLAND 21403 TEL: 410 243-6600 FAX: 410 243-6600				PRIME A-E: JACOBS SURVEYOR: Walsh Associates Land Surveyors, Inc. 316 NORTH MAIN STREET WEST BRIDGEWATER, MA 02378 GEOTECHNICAL ENGINEER: Paul B. Aldridge & Associates, Inc. 800A WATERMAN AVENUE SUITE 9, EAST PROVIDENCE, RI 02914 ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 345 CONGRESS STREET BOSTON, MA 02210				UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY EAST GREENWICH, RI				SHEET: 16 of 16 DRAWING NO.: C-506 REGION:			
REVISIONS: NO. DATE REVISIONS				REVISIONS: NO. DATE REVISIONS				FILE NO.: 440016 CONTRACT NO.: W9133N-04-D-0001 FILE NO.:				SITE DETAILS							



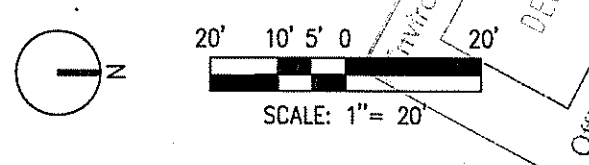
- LEGEND**
- CANOPY TREE
 - ORNAMENTAL TREE
 - EVERGREEN TREE
 - SHRUB
 - LANDSCAPE BED (SEE LP-601 FOR SPECIES AND LP-602 FOR BED PLANTING PLAN)
 - LIMITS OF DISTURBANCE
 - CONCRETE PAVER AREA
 - MEADOW PLANTING (SEE D4 ON SHEET LP-602 FOR DETAILS)
 - SWM 'ZONE 2' HERBACIOUS PLANTING (SEE D4 ON LP-602 FOR DETAILS)

- NOTES:**
1. SEE SHEET L-601 FOR PLAZA AREA PLAN ENLARGEMENTS, PLANT LIST, AND DETAILS. SEE SHEET L-602 FOR DETAILED LANDSCAPE BED PLANTING PLANS.
 2. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES AND STRUCTURES EXISTING AND PROPOSED PRIOR TO PLANTING. TREES SHALL NOT BE PLANTED WITHIN 10' OF ANY UTILITY LINE.
 3. ALL OPEN AREAS LEFT DENuded AFTER CONSTRUCTION SHALL BE SEEDED PER SPECIFICATIONS UNLESS OTHERWISE SHOWN.
 4. ALL MATERIALS, EQUIPMENT, LABOR, AND INCIDENTALS ASSOCIATED WITH THE INSTALLATION OF LANDSCAPING (TREES, SHRUBS, PLANTS ONLY) ARE PART OF OLI NO. 3. ALL TOPSOILING, SEEDING/SODDING, GROUNDCOVERS, AND MULCHING ARE INCLUDED IN THE 'BASE BID' OFFER.

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W. Joseph Carney



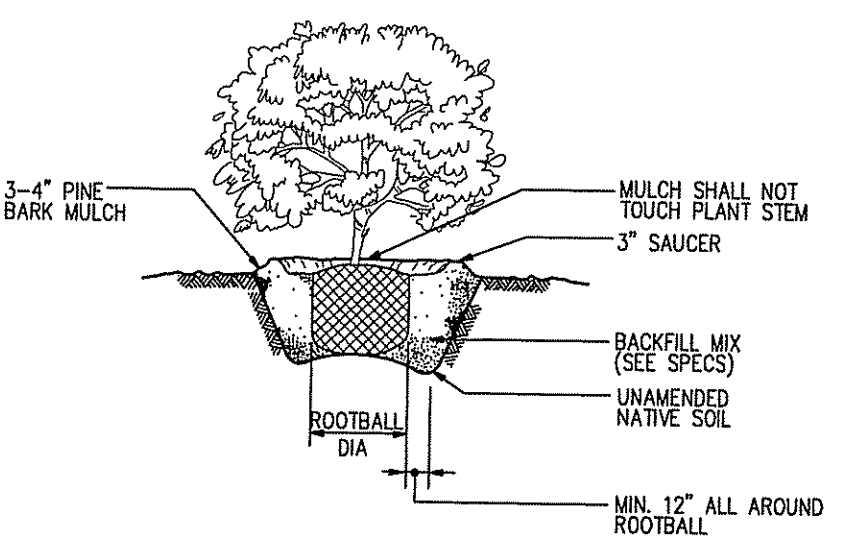
Z:\LAND - sew - \lookclou\jacobson\Documents\Federal\0001\ARNG\Rhode_Island_Army_National_Guard\EDWD4100-RIARNG-USFPO\EDWD4100_Z00RIM_Z10SHHEE15.17.LAND

RHODE ISLAND ARMY NATIONAL GUARD					
DESIGNED BY: A. DOUGLAS	DATE OF FILE: FDND4100-LP-101	PROJECT A-E:	SURVEYOR: Witch Associates Land Surveyors, Inc. 210 NORTH MAIN STREET WEST BRIDGEWATER, MA 02379		
DRAWN BY: J. DOUGLAS	JOB NUMBER: FDND4104	JACOBS	GEOTECHNICAL ENGINEER: Paul B. Atlinger & Associates, Inc. 808 WATKINSON AVENUE SUITE 9, EAST PROVIDENCE, RI 02914		
CHECKED BY: D. DEBLE	DATE: 9/17/2010	THREE HULLSTEN PLAZA, 100 NORTH ALICE ROAD, SUITE 500 HOUSTON, TEXAS 77059 TEL: (281) 294-1000 FAX: (281) 294-1000	ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 245 CONGRESS STREET BOSTON, MA 02210		
NO.	DATE	REVISIONS	NO.	DATE	REVISIONS
		UNITED STATES PROPERTY AND FISCAL OFFICE (USFPO) CAMP FOGARY EAST GREENWICH, RI		OVERALL LANDSCAPE PLAN - OLI NO. 3	
				DWG NO. LP-101	
				ISSUED FOR: 95% PRE-BID FINAL	
				RF-SUBMISSION	

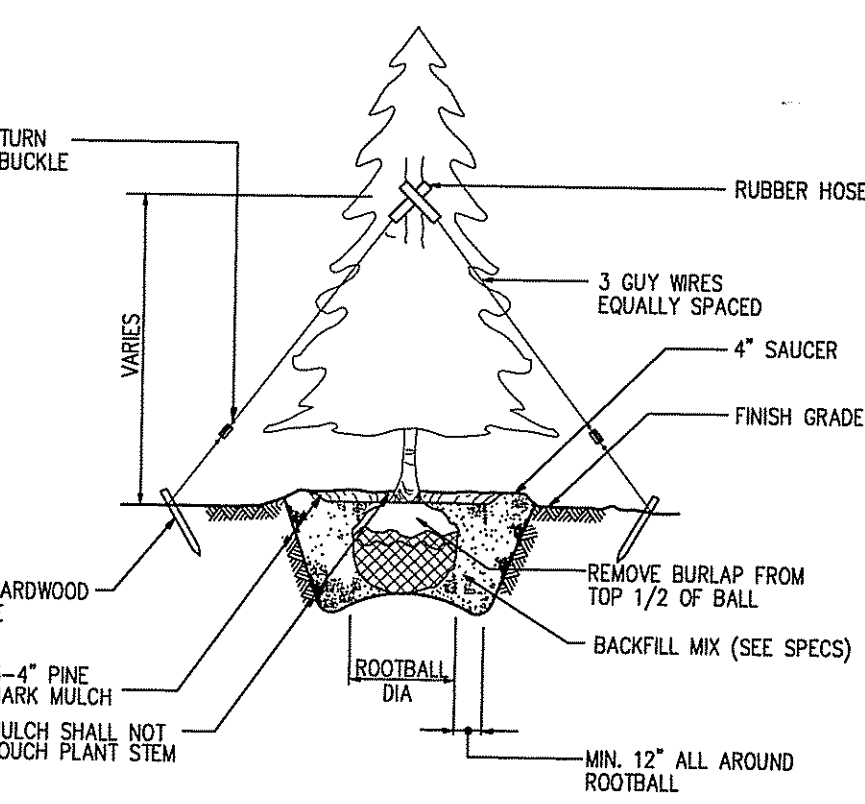
PLANT SCHEDULE						
SYMBOL	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SIZE	CONTAINER	NOTES
DECIDUOUS TREES						
QP	20	Quercus phellos	Willow Oak	3" CAL.	BALL & BURLAP	
QR	16	Quercus rubra	Red Oak	3" CAL.	BALL & BURLAP	
CF	9	Cornus florida 'October Glory'	October Glory Flowering Dogwood	2" CAL.	BALL & BURLAP	
AA	10	Amelanchier arborea	Serviceberry	8" HT.	BALL & BURLAP	MULTI-STEM
EVERGREEN TREES						
PE	11	Pinus echinata	Shortleaf Pine	8" HT.	BALL & BURLAP	
IO	5	Ilex opaca	American Holly	8" HT.	BALL & BURLAP	PROVIDE 1 MALE PER GROUP
SHRUBS						
VA	34	Vaccinium angustifolium	Lowbush Blueberry	3 gal.	CONTAINER	SEE NOTE 2 BELOW
IV	27	Ilex verticillata	Winterberry	3 gal.	CONTAINER	PROVIDE 1 MALE PER GROUP
IG	13	Ilex glabra 'Compacta'	Compact Inkberry	3 gal.	CONTAINER	
GRASSES/GROUNDCOVER/PERENNIALS						
AU	816	Arctostaphylos uva-ursi 'Massachusetts'	Massachusetts Bearberry	1 gal.	CONTAINER	SPACING 18" O.C.
PA	246	Panicum virgatum 'Heavy Metal'	Heavy Metal Switchgrass	1 gal.	CONTAINER	SPACING 24" O.C.
SS	605	Schizachyrium scoparium 'Carousel'	Carousel Little Bluestem	1 gal.	CONTAINER	SPACING 18" O.C.

NOTES:
 1. PLANT LIST DOES NOT INCLUDE WET AREA PLANTS AND MEADOW PLANTINGS. PLEASE SEE D4 ON SHEET LP-602 FOR DETAILED MEADOW AREA AND WET AREA PLANT LISTS.
 2. PROVIDE MINIMUM TWO (2) CULTIVARS/VARIETIES PER GROUP OF LOWBUSH BLUEBERRY FROM THE FOLLOWING LIST: 'NORTH COUNTRY', 'NORTHSKY', AND 'TOP HAT'.
 3. ALL MATERIALS, EQUIPMENT, LABOR, AND INCIDENTALS ASSOCIATED WITH THE INSTALLATION OF LANDSCAPING (TREES, SHRUBS, PLANTS ONLY) ARE PART OF OLI NO. 3. ALL TOPSOILING, SEEDING/SODDING, GROUNDCOVERS, AND MULCHING ARE INCLUDED IN THE 'BASE BID' OFFER.

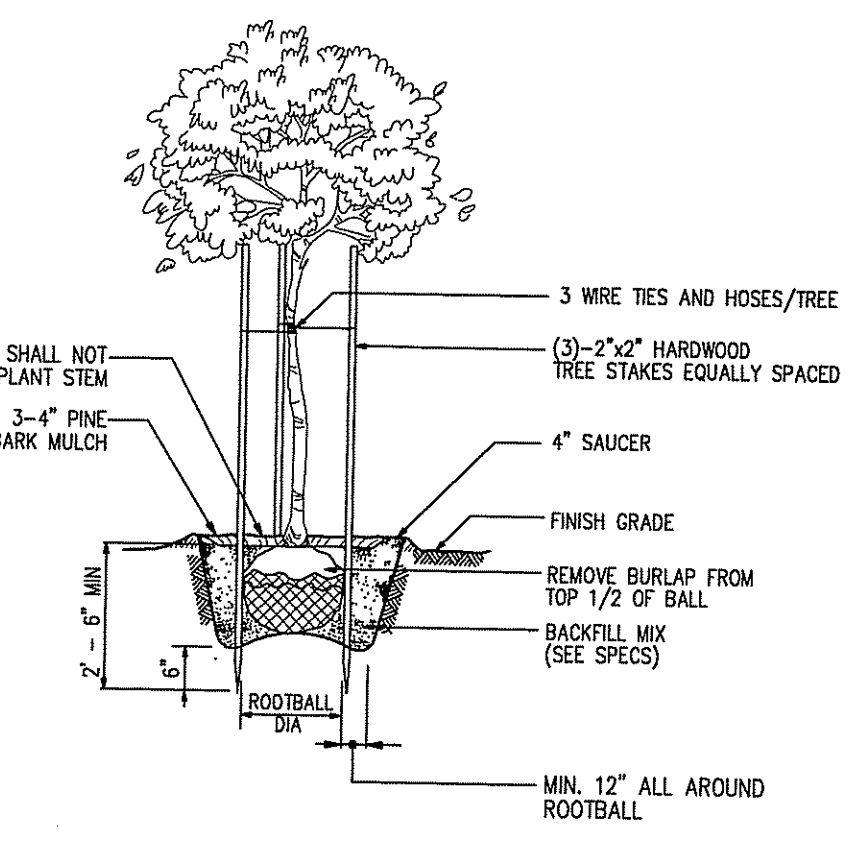
D1 PLANT LIST
NTS



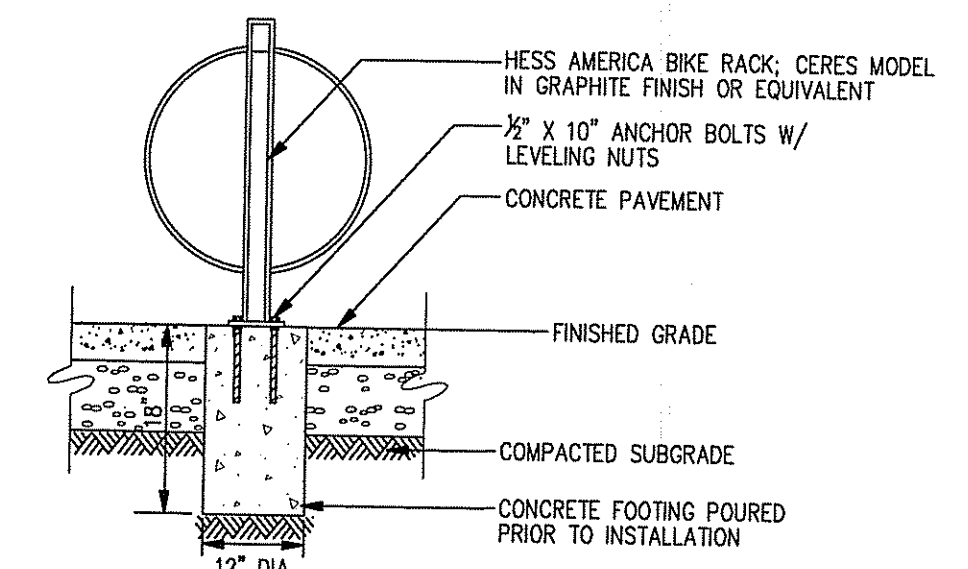
C1 SHRUB PLANTING DETAIL
NTS



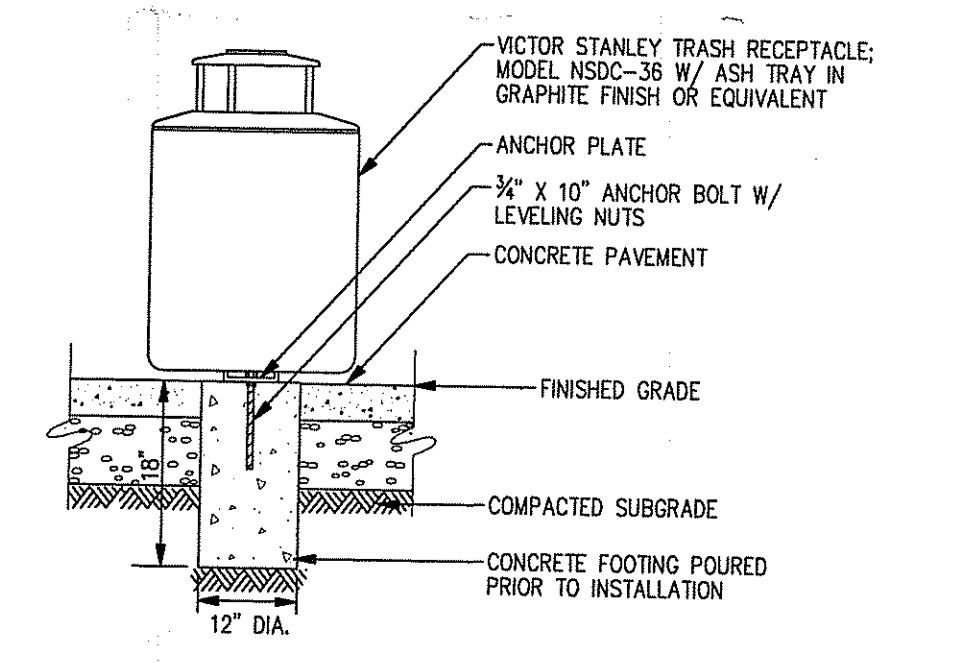
B1 EVERGREEN TREE PLANTING DETAIL
NTS



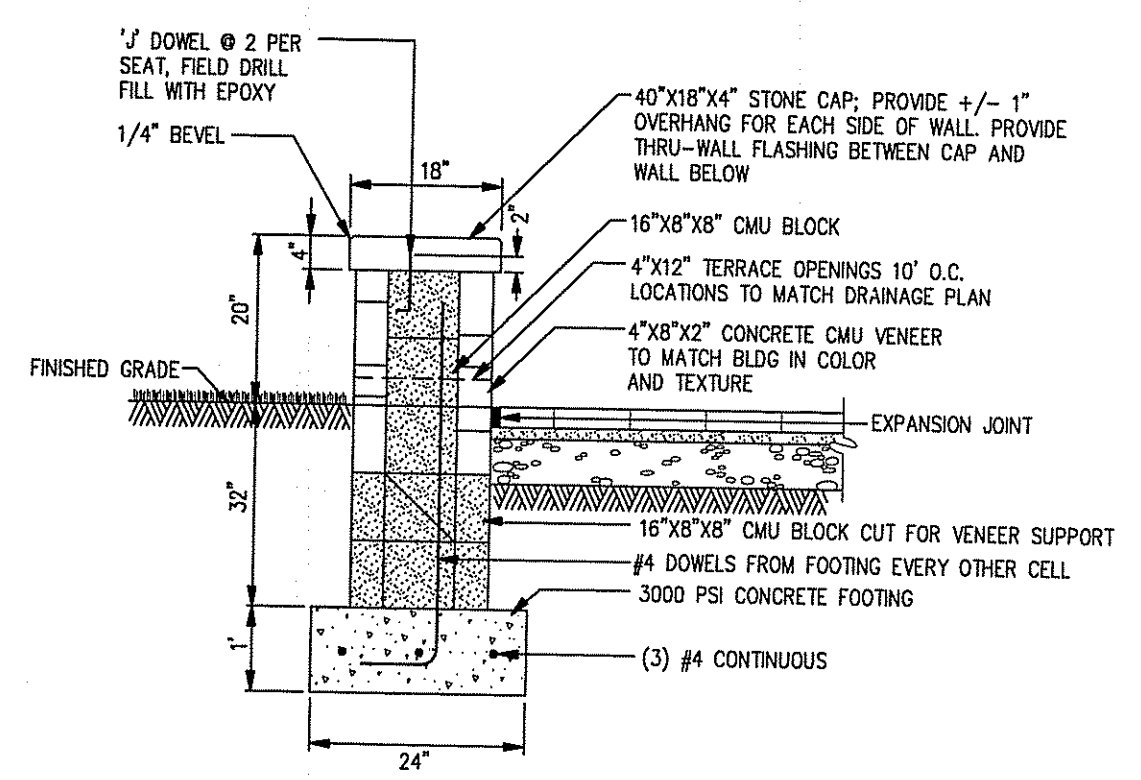
A1 DECIDUOUS TREE PLANTING DETAIL
NTS



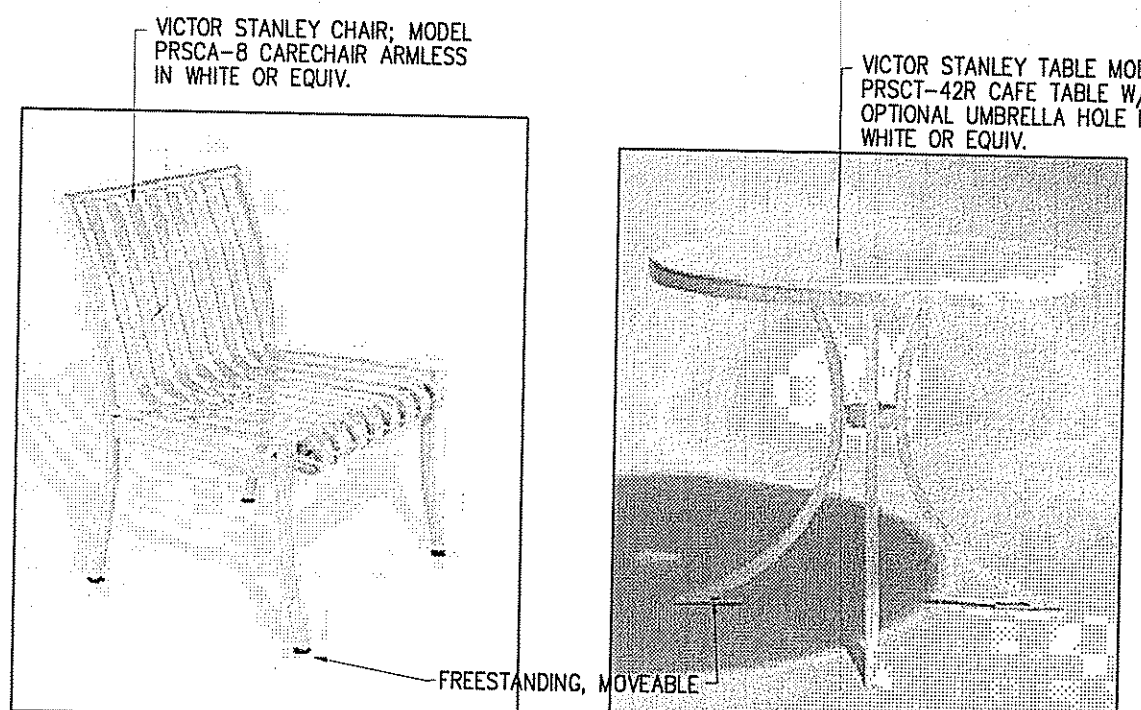
C3 BIKE RACK MOUNT DETAIL
NTS



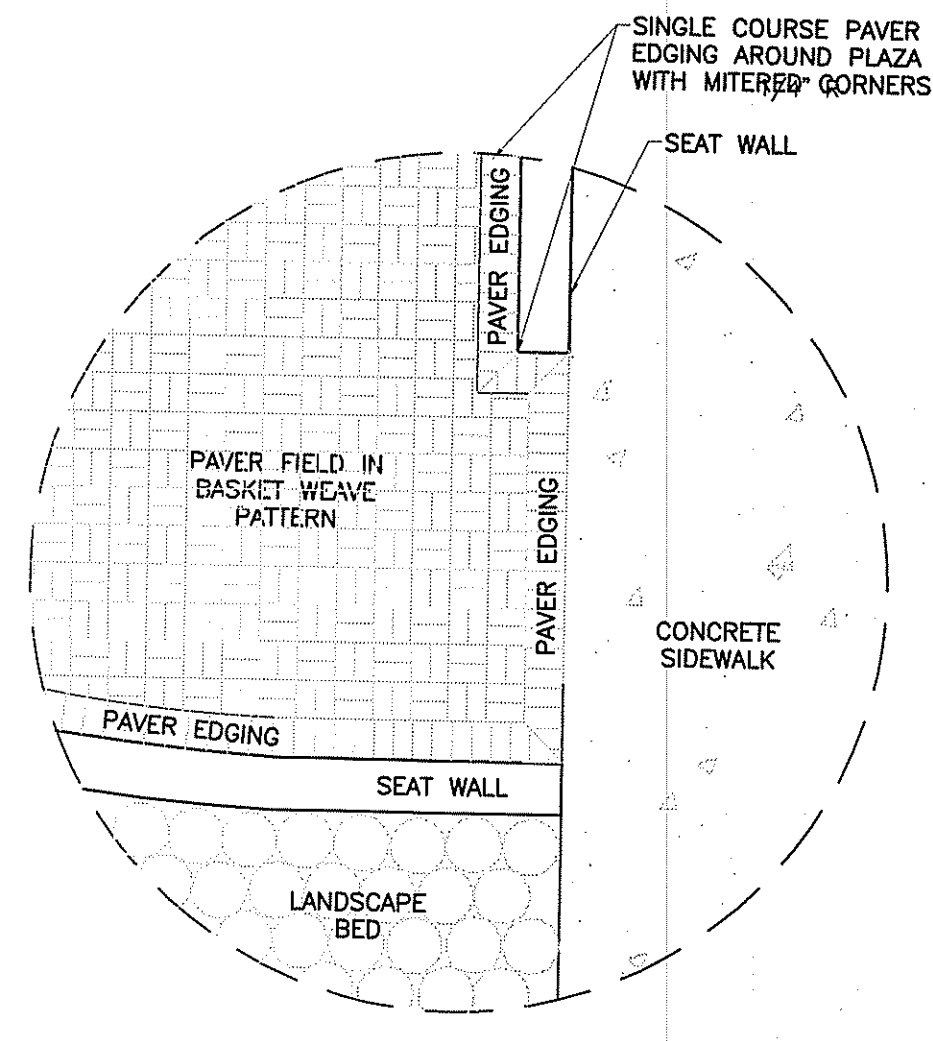
B3 TRASH CAN MOUNT DETAIL
NTS



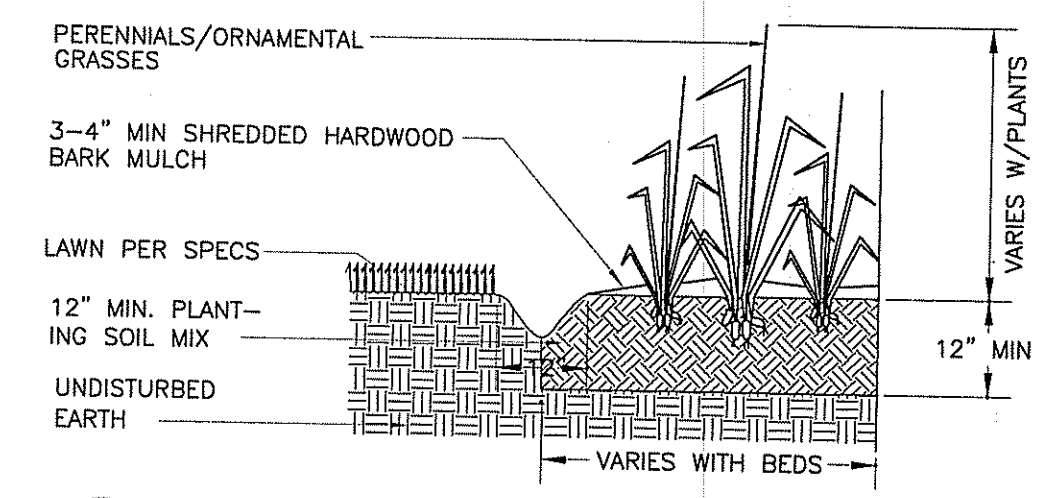
A3 SEAT WALL DETAIL
NTS



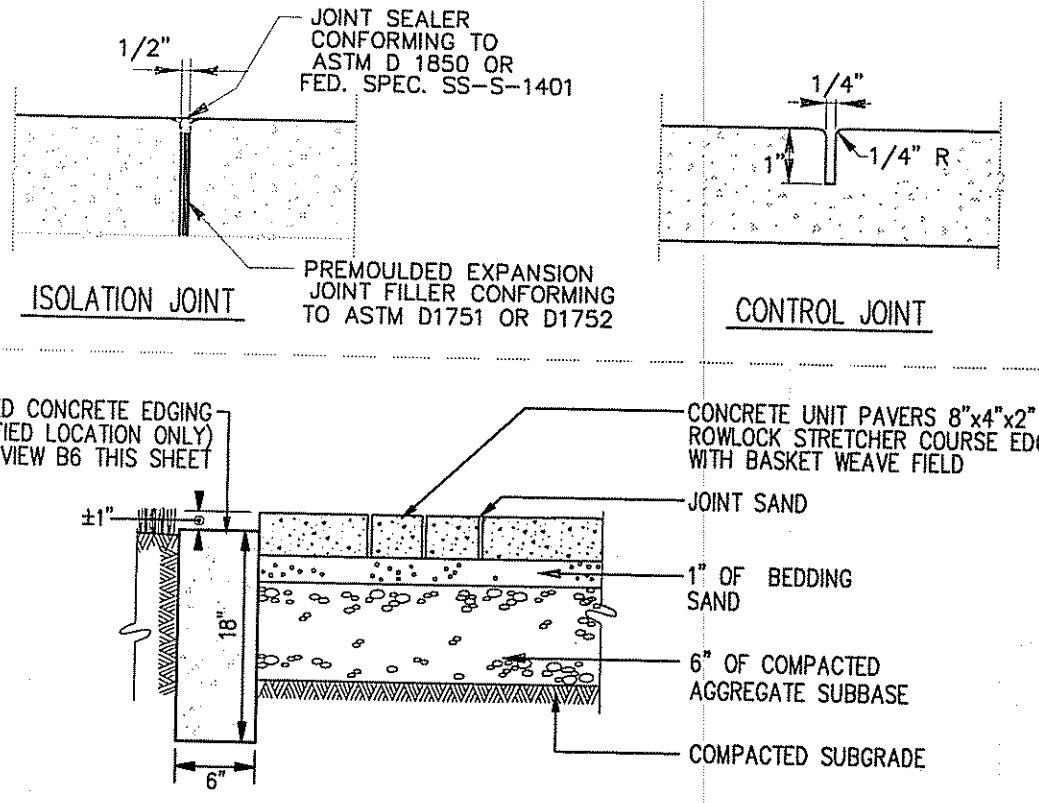
A4 TABLE AND CHAIR SPECIFICATIONS
NTS



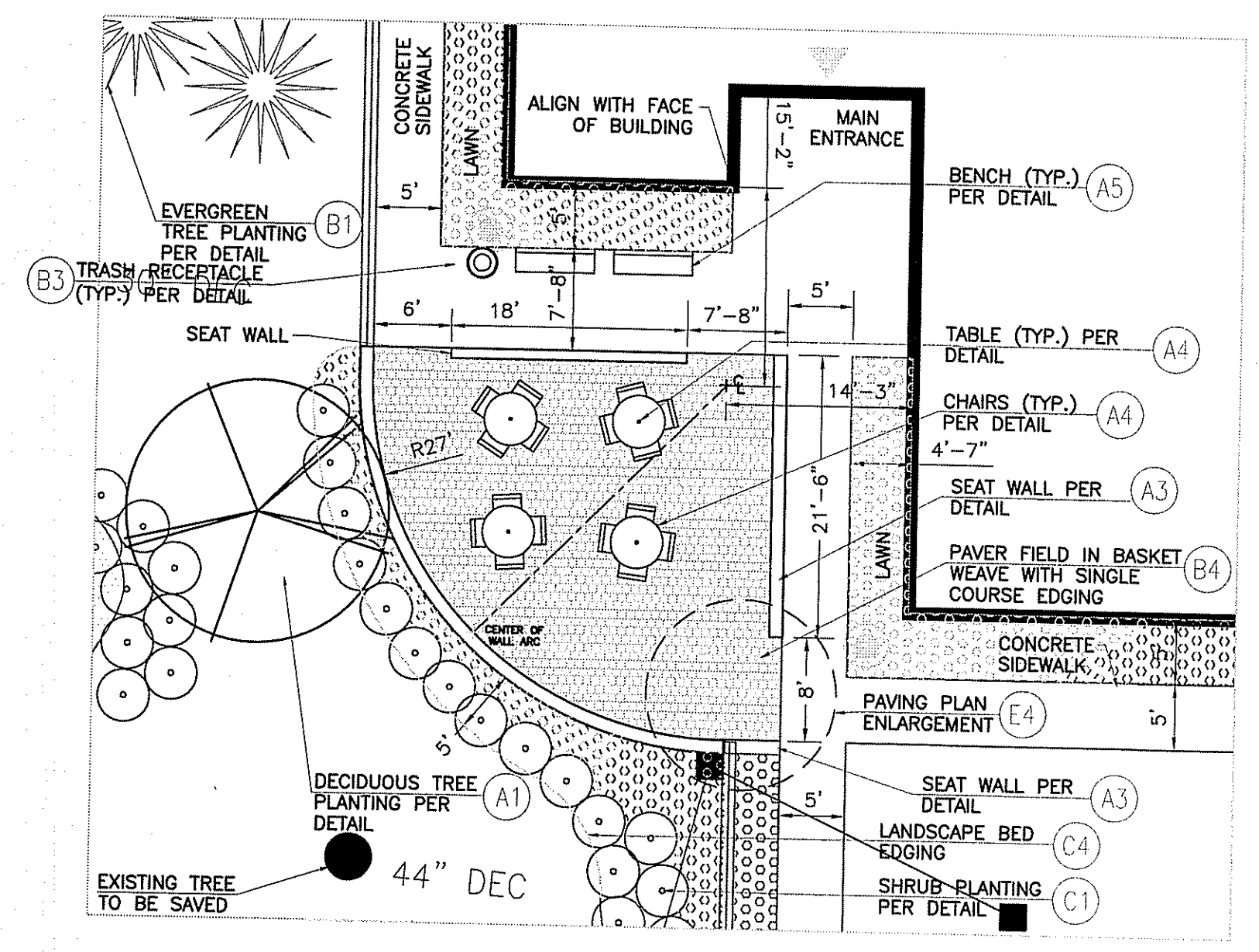
E4 TYPICAL CONCRETE UNIT PAVER LAYOUT
NTS



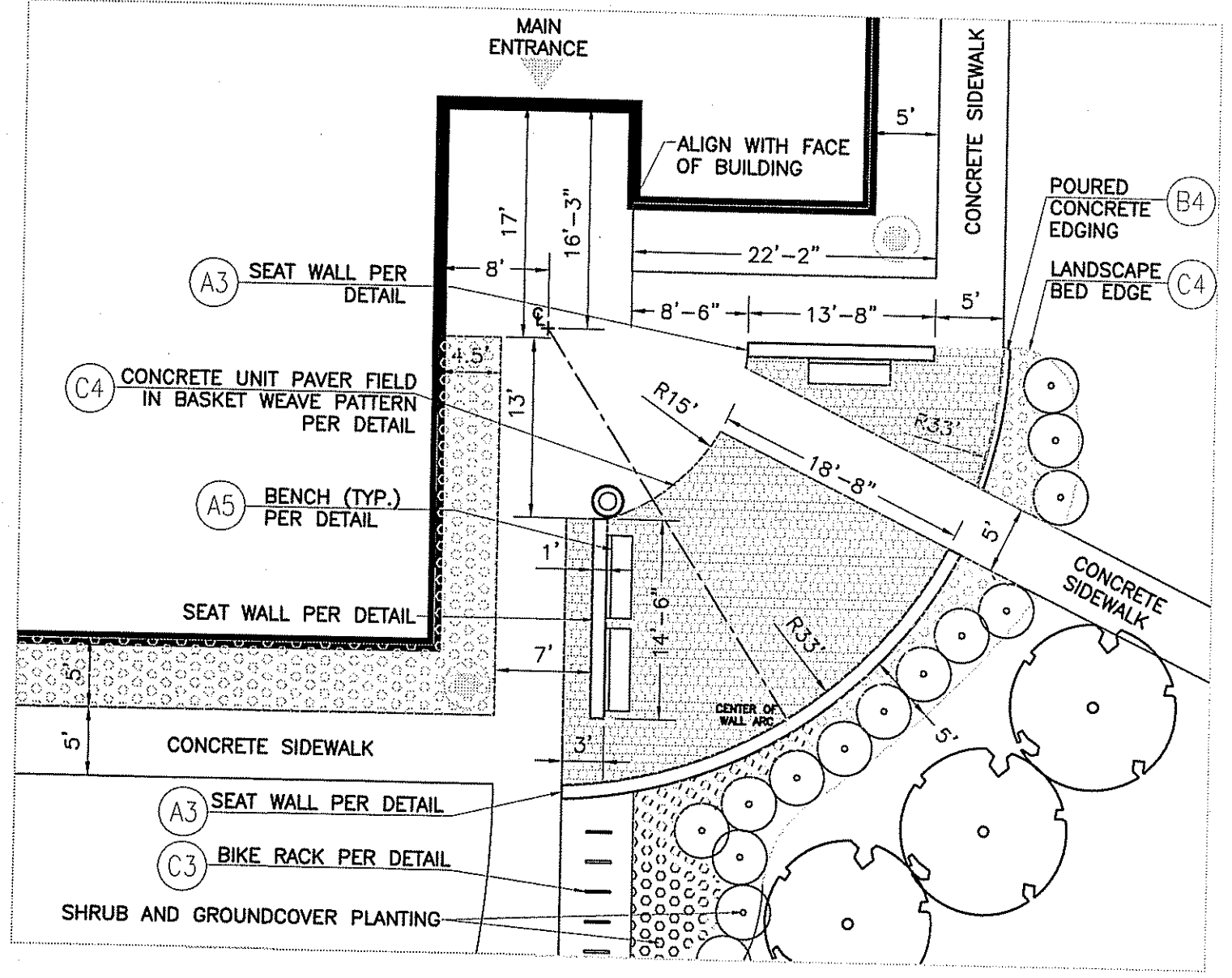
C4 LANDSCAPE BED EDGE DETAIL
NTS



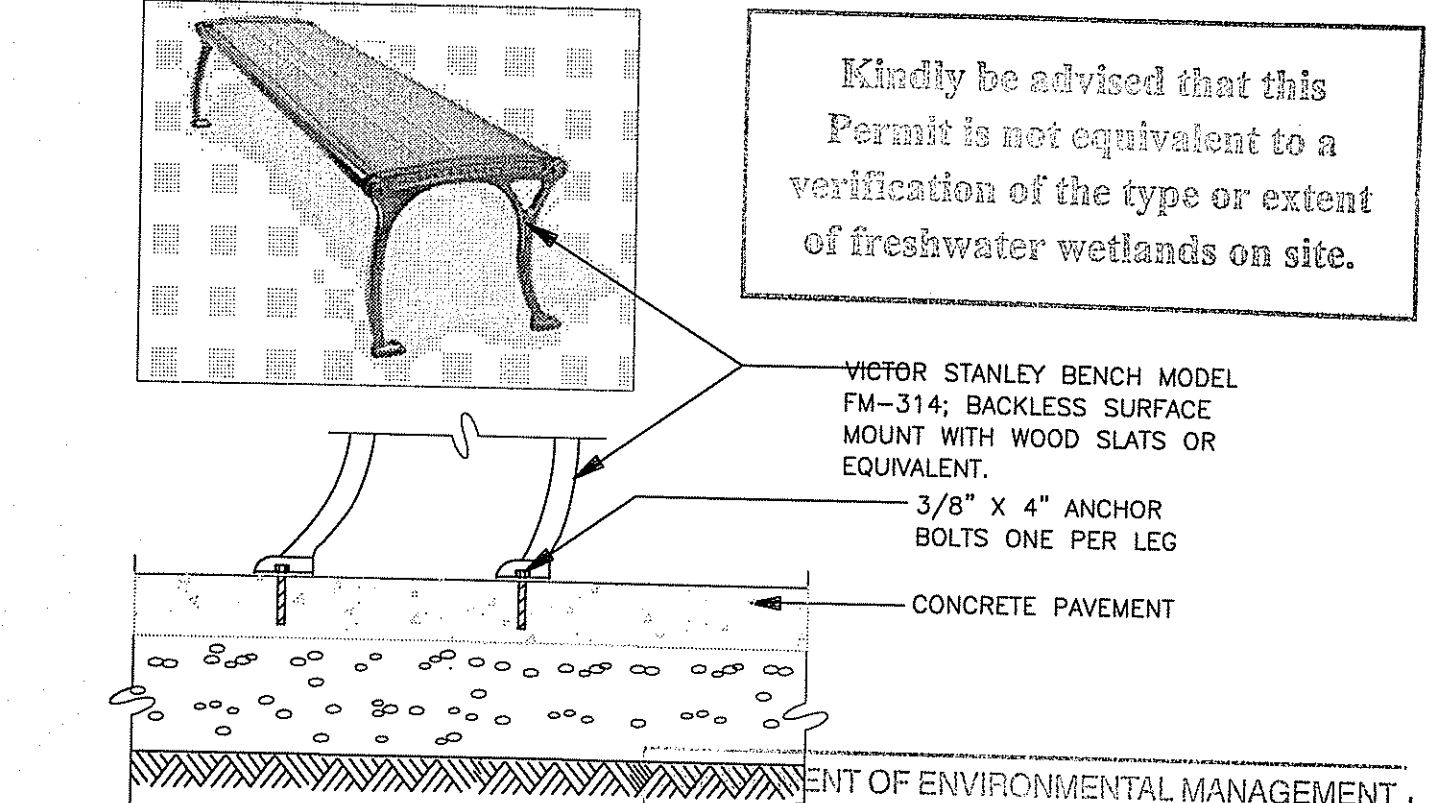
B4 CONCRETE PAVEMENT JOINT AND CONCRETE UNIT PAVER DETAIL
NTS



E6 SOUTH ENTRANCE PLAZA PLAN ENLARGEMENT
SCALE: 1/8" = 1'



B6 NORTH ENTRANCE PLAZA PLAN ENLARGEMENT
SCALE: 1/8" = 1'



A5 BENCH MOUNT DETAIL
NTS

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

OFFICE OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED FEB - 8 2011 FILE # 10-2176
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

W. Joseph Conroy

Environmental Management
 DEC 22 2011
 Office of Water Resources

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RHODE ISLAND ARMY NATIONAL GUARD			
DESIGNED BY: J. DOUGLAS	DWG FILE NAME: FDW14100-LP-601	DATE: 9/17/2010	PROJECT NAME: RHEE MILLER PLAZA, 100 NORTH QUINCY ROAD, SUITE 900, WEST BRIDGEWATER, MA 02379
DRAWN BY: J. DOUGLAS	DATE: 9/17/2010	PROJECT NAME: RHEE MILLER PLAZA, 100 NORTH QUINCY ROAD, SUITE 900, WEST BRIDGEWATER, MA 02379	DESIGNED BY: D. DEBLE
CHECKED BY: D. DEBLE	DATE: 9/17/2010	PROJECT NAME: RHEE MILLER PLAZA, 100 NORTH QUINCY ROAD, SUITE 900, WEST BRIDGEWATER, MA 02379	DESIGNED BY: D. DEBLE
AS NOTED			
SURVEYOR: Weich Associates Land Surveyors, Inc. 218 NORTH MAIN STREET WEST BRIDGEWATER, MA 02379		GEOTECHNICAL ENGINEER: Paul B. Aldinger & Associates, Inc. 850 WATERBURY AVENUE SUITE 9, EAST PROVIDENCE, RI 02914	
ENVIRONMENTAL CONSULTANT: JACOBS ENGINEERING 340 CONGRESS STREET BOSTON, MA 02210		UNITED STATES PROPERTY AND FISCAL OFFICE (USPFO) CAMP FOGARTY EAST GREENWICH, RI	
PROJECT NO. LP-601		CONTRACT NO. W9133N-04-D-0001	
NO.		DATE	
REVISIONS		REVISIONS	

