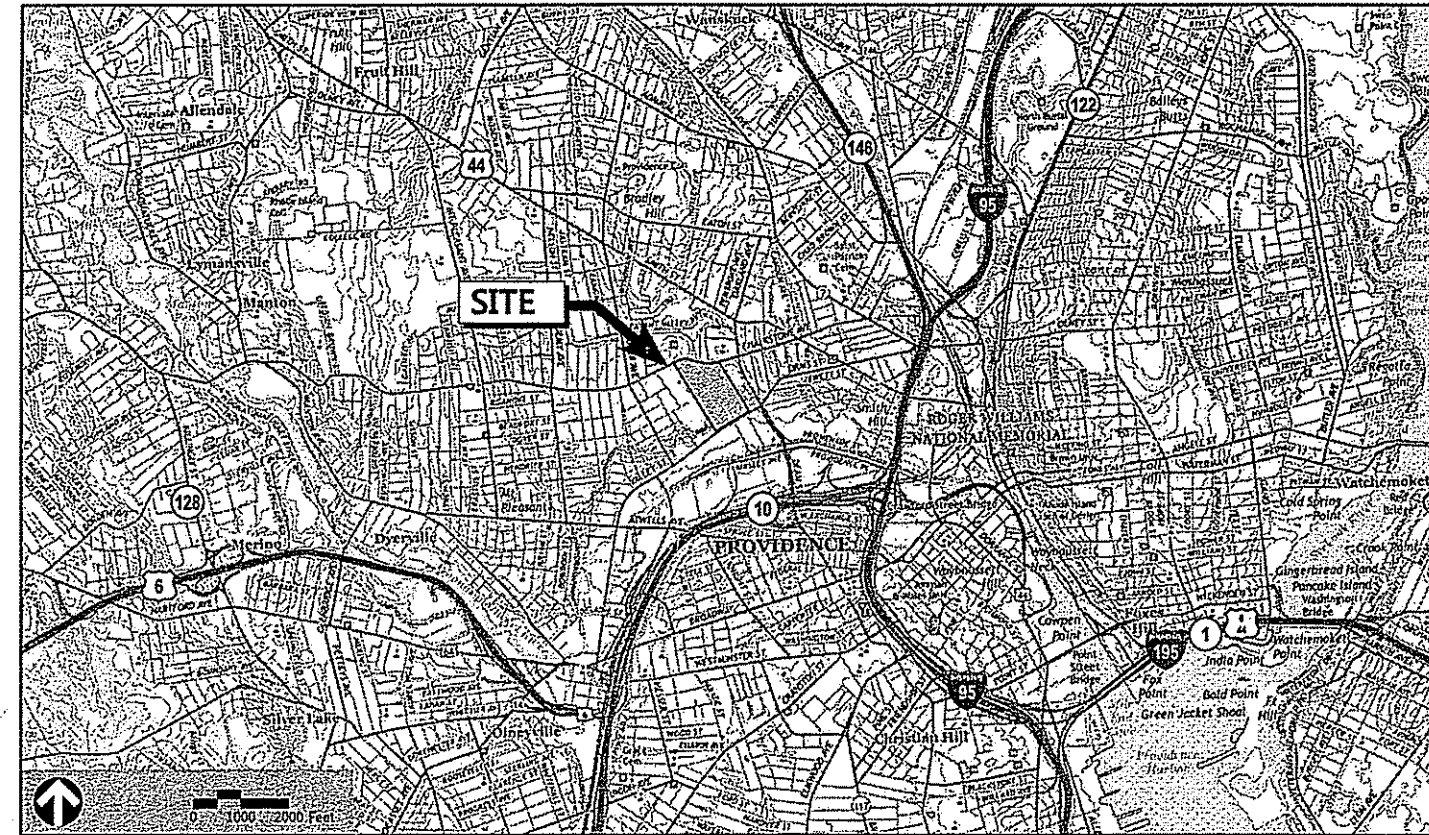


Site Plans

Issued for: Permits
 Date Issued: October 31, 2016
 Latest Issue: June 15, 2017

VA Parking Structure

830 Chalkstone Avenue
 Providence, Rhode Island



Owner

VA Medical Center
 830 Chalkstone Avenue
 Providence, RI 02908
 401.273.7100

Applicant

VA Medical Center
 830 Chalkstone Avenue
 Providence, RI 02908
 401.273.7100

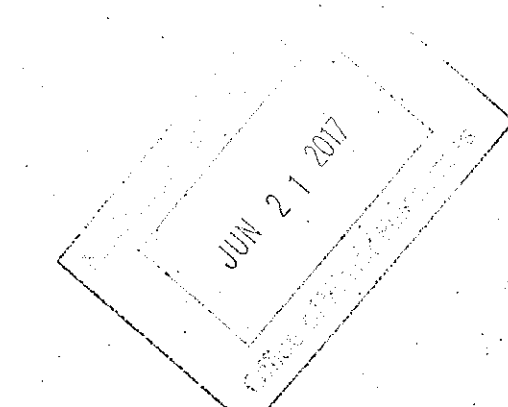
Assessor's Map: 066
 Lot: 1

Sheet Index

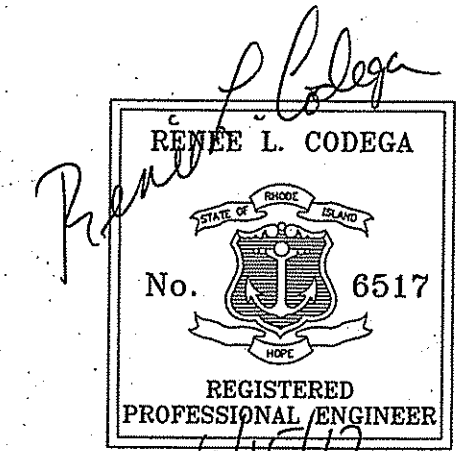
No.	Drawing Title	Latest Issue
C-101	Legend Abbreviations and General Notes	June 15, 2017
C-102	Key Plan	June 15, 2017
C-201	Garage - Site Demolition Plan 1	June 15, 2017
C-202	Temporary Parking - Demolition Plan 2	June 15, 2017
C-301	Garage - Layout and Materials Plan 1	June 15, 2017
C-302	Temporary Parking - Layout and Materials Plan 2	June 15, 2017
C-401	Garage - Grading and Drainage Plan 1	June 15, 2017
C-402	Temporary Lot - Grading and Drainage Plan 2	June 15, 2017
C-501	Garage - Utility Plan 1	June 15, 2017
C-502	Garage - Utility Plan 2	June 15, 2017
C-601	Site Details 1	June 15, 2017
C-602	Site Details 2	June 15, 2017
C-603	Site Details 3	June 15, 2017
SESC-1	Garage - Soil Erosion and Sediment Control Plan 1	June 15, 2017
SESC-2	Temporary Parking - Soil Erosion and Sediment Control Plan 2	June 15, 2017
SESC-3	Soil Erosion and Sediment Control Plan 3	June 15, 2017
LA-101	Planting Plan	June 15, 2017
LA-102	Planting Notes and Details	June 15, 2017
C-701	Temporary Parking Restoration Plan	June 15, 2017

Reference Drawings

No.	Drawing Title	Latest Issue
Sv-1	Existing Conditions Plan 1	January 08, 2016
Sv-2	Existing Conditions Plan 2	January 08, 2016



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Martin D. Wenczek



LEGEND

PROPOSED	EXISTING	PROPOSED	DESCRIPTION
---	---	---	CONCRETE
---	---	---	HEAVY DUTY PAVEMENT
---	---	---	RIPRAP
---	---	---	CONSTRUCTION ENTRANCE
---	---	---	TOP OF CURB ELEVATION
---	---	---	BOTTOM OF CURB ELEVATION
---	---	---	SPOT ELEVATION
---	---	---	TOP & BOTTOM OF WALL ELEVATION
---	---	---	BORING LOCATION
---	---	---	TEST PIT LOCATION
---	---	---	MONITORING WELL
---	---	---	UNDERDRAIN
---	---	---	DRAIN
---	---	---	ROOF DRAIN
---	---	---	SEWER
---	---	---	FORCE MAIN
---	---	---	OVERHEAD WIRE
---	---	---	WATER
---	---	---	FIRE PROTECTION
---	---	---	DOMESTIC WATER
---	---	---	GAS
---	---	---	ELECTRIC
---	---	---	STEAM
---	---	---	TELEPHONE
---	---	---	FIRE ALARM
---	---	---	CABLE TV
---	---	---	CATCH BASIN
---	---	---	DOUBLE CATCH BASIN
---	---	---	GUTTER INLET
---	---	---	DRAIN MANHOLE
---	---	---	TRENCH DRAIN
---	---	---	PLUG OR CAP
---	---	---	CLEANOUT
---	---	---	FLARED END SECTION
---	---	---	HEADWALL
---	---	---	SEWER MANHOLE
---	---	---	CURB STOP & BOX
---	---	---	WATER VALVE & BOX
---	---	---	TAPPING SLEEVE, VALVE & BOX
---	---	---	SIAMSESE CONNECTION
---	---	---	FIRE HYDRANT
---	---	---	WATER METER
---	---	---	POST INDICATOR VALVE
---	---	---	WATER WELL
---	---	---	GAS GATE
---	---	---	GAS METER
---	---	---	ELECTRIC MANHOLE
---	---	---	ELECTRIC METER
---	---	---	LIGHT POLE
---	---	---	TELEPHONE MANHOLE
---	---	---	TRANSFORMER PAD
---	---	---	GENERATOR PAD
---	---	---	UTILITY POLE
---	---	---	GUY POLE
---	---	---	GUY WIRE & ANCHOR
---	---	---	HAND HOLE
---	---	---	PULL BOX

ABBREVIATIONS

GENERAL	UTILITY
ABAN ABANDON	CB CATCH BASIN
ABC AGGREGATE BASE COURSE	CMP CORRUGATED METAL PIPE
ACR ACCESSIBLE CURB RAMP	CO CLEANOUT
ADJ ADJUST	DCB DOUBLE CATCH BASIN
APPROX APPROXIMATE	DMH DRAIN MANHOLE
BIT BITUMINOUS	CIP CAST IRON PIPE
BS BOTTOM OF SLOPE	COND CONDUIT
BWLL BROKEN WHITE LANE LINE	DIP DUCTILE IRON PIPE
CONC CONCRETE	FES FLARED END SECTION
DYCL DOUBLE YELLOW CENTER LINE	FM FORCE MAIN
EL ELEVATION	F&G FRAME AND GRATE
ELEV ELEVATION	F&C FRAME AND COVER
EXIST EXISTING	GI GUTTER INLET
FDN FOUNDATION	GT GREASE TRAP
FFE FIRST FLOOR ELEVATION	HDPE HIGH DENSITY POLYETHYLENE PIPE
GRAN GRANITE	HH HANDHOLE
GTD GRADE TO DRAIN	HW HEADWALL
LA LANDSCAPE AREA	HYD HYDRANT
LOD LIMIT OF DISTURBANCE	INV INVERT ELEVATION
MAX MAXIMUM	I= INVERT ELEVATION
MIN MINIMUM	LP LIGHT POLE
NIC NOT IN CONTRACT	MES METAL END SECTION
NTS NOT TO SCALE	PWW PAVED WATER WAY
PERF PERFORATED	PVC POLYVINYLCHLORIDE PIPE
PROP PROPOSED	PIV POST INDICATOR VALVE
REM REMOVE	RCP REINFORCED CONCRETE PIPE
RET RETAIN	R= RIM ELEVATION
R&D REMOVE AND DISPOSE	SMH SEWER MANHOLE
R&R REMOVE AND RESET	TSV TAPPING SLEEVE, VALVE AND BOX
R&S REMOVE AND STOCKPILE	UG UNDERGROUND
SWEL SOLID WHITE EDGE LINE	UP UTILITY POLE
SWLL SOLID WHITE LANE LINE	
TS TOP OF SLOPE	
TYP TYPICAL	
VFG VERTICAL FACE GRANITE	

GENERAL NOTES:

- GENERAL**
- CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS, LOCAL REQUIREMENTS, AND VA REQUIREMENTS.
 - ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARD (ABAAS) AS SUPPLEMENTED BY THE DEPARTMENT OF VETERANS AFFAIRS BARRIER FREE DESIGN GUIDE (PG-18-13) AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
 - ALL DISTURBED AREAS NOT OTHERWISE NOTED ON CONTRACT DOCUMENTS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
 - WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
 - WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
 - UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
 - TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
 - IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE VA IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
 - CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
 - DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO VA.
 - CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO VA.
 - THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE RIPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND RIDEM JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR SHALL FILE A CGP NOTICE OF INTENT WITH THE RIDEM AND PREPARE A SOIL EROSION AND SEDIMENT CONTROL PLAN IN ACCORDANCE WITH THE RIPDES REGULATIONS. CONTRACTOR SHALL CONFIRM THE VA HAS ALSO FILED A NOTICE OF INTENT WITH THE RIDEM.
- UTILITIES**
- THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE VA OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
 - WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE VA'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES VA FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
 - SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
 - RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
 - PAVEMENTS AND CONCRETE SURFACES: FLUSH
 - ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
 - LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
- GENERAL NOTES:**
- THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH VA AND ARCHITECT.
 - CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
 - UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
 - WATER PIPES SHALL BE DUCTILE IRON (DI).
 - STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE (HDPE).
 - CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEMARK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
 - CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
 - ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4" MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.
- LAYOUT AND MATERIALS**
- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
 - CURB RADI ARE 5 FEET UNLESS OTHERWISE NOTED.
 - CURBING SHALL BE VGC WITHIN THE SITE UNLESS OTHERWISE INDICATED ON THE PLANS.
 - SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
 - PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
 - PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
 - THE FOLLOWING TERMS ARE USED INTERCHANGEABLY THROUGHOUT THE PROJECT DOCUMENTS AND ALL REFER TO HOT MIX ASPHALT, BITUMINOUS CONCRETE, ASPHALTIC CONCRETE AND BITUMINOUS TOP COURSE
- DEMOLITION**
- PLACE EROSION CONTROLS, PER THE SESC PLANS, PRIOR TO DEMOLITION.
 - CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF DISTURBANCE (LOD) INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS, OR AS NOTED IN THE SPECIFICATIONS.
 - EXISTING UTILITIES WITHIN THE LOD SHALL BE REMOVED UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
 - CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES AS WELL AS THE 'CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT' SPECIFICATION.
 - THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
 - UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. HOWEVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

EROSION CONTROL

EXISTING CONDITIONS INFORMATION

- REFER TO THE SOIL EROSION AND SEDIMENT CONTROL (SESC) EROSION CONTROL REQUIREMENTS.
- BASE PLAN: THE PROPERTY LINES SHOWN WERE DETERMINED BY FIELD SURVEY CONDUCTED BY VANASSE HANGEN BRUSTLIN, PLANS OF RECORD. THE TOPOGRAPHY AND PHYSICAL FEATURES ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY HANGEN BRUSTLIN, INC. BETWEEN OCTOBER 30, 2015 AND NOVEMBER 10, 2015.
- DELINEATION OF THE WETLANDS AND PLACEMENT OF THE PERFORMED BY: VANASSE HANGEN BRUSTLIN, INC.
- FLAGS MARKING THE WETLANDS WERE LOCATED BY: VANASSE HANGEN BRUSTLIN, INC. BY INSTRUMENT SURVEY.
- TOPOGRAPHY: ELEVATIONS ARE BASED ON N.A.V.D. 1988.
- GEOTECHNICAL DATA INCLUDING TEST PIT AND BORING LOGS AND ELEVATIONS WERE OBTAINED FROM GZA GEOTECHNICAL, INC.

DOCUMENT USE

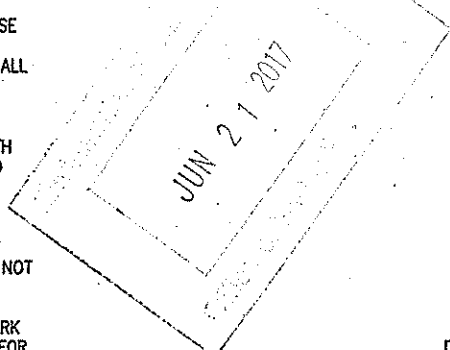
- THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE THE PROPERTY OF VANASSE HANGEN BRUSTLIN, INC. AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESS WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED REPRODUCTION, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION TO DIGITAL FORM, OF ANY PART OF THESE PLANS OR DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY TO VHB.
- CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF THESE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL VERIFY THE LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS THAT ARE PART OF THE CONTRACT DOCUMENTS.
- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THE DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY THE DIMENSIONS, MANUFACTURERS' LITERATURE, DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS TO THE PROJECT FEATURES.

PERMITS

- THIS PROJECT REQUIRES AN INSIGNIFICANT ALTERATION PERMIT FROM THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND PLANNING. A PERMIT MUST BE OBTAINED PRIOR TO CONSTRUCTION.

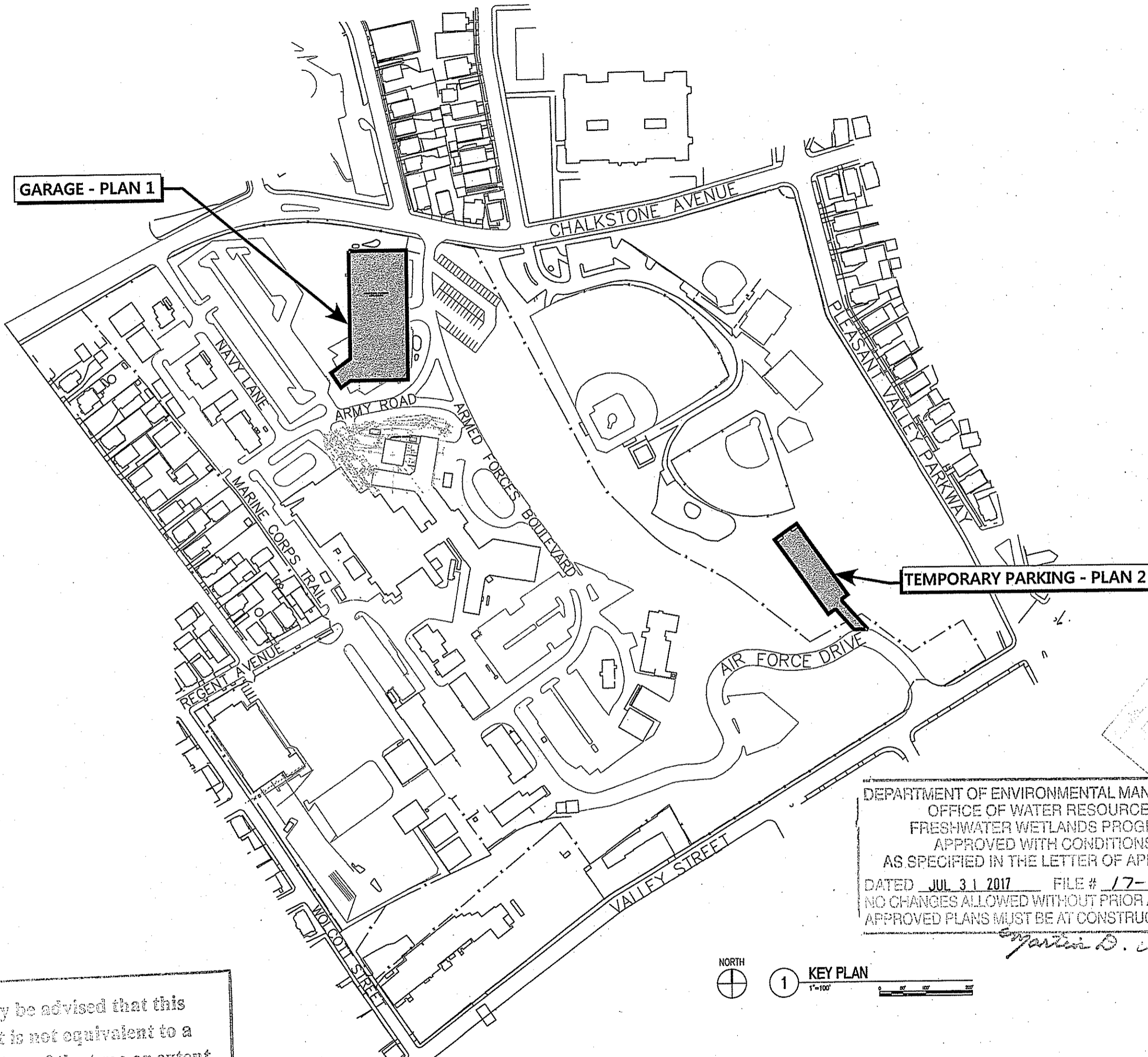
100-YEAR FLOOD PLAIN AVOIDANCE

- THERE IS A 100-YEAR FLOOD PLAIN LINE AND ELEVATION AS SHOWN ON THE UNWAMED CULVERTED FLOWING BODY OF WATER IN THE TEMPORARY PARKING LOT, WHICH HAS BEEN SHOWN APPROXIMATELY TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS TO THE PROJECT FEATURES.
- A PORTION OF THE TEMPORARY PARKING LOT IS LOCATED WITHIN THE 100-YEAR FLOOD PLAIN (ZONE A) AS SHOWN ON FEMA MAP 44007C0308J, INCLUDED IN APPENDIX C OF THE STORMWATER MANAGEMENT REPORT DATED NOVEMBER 22, 2016 BY VHB, INC.
- THERE IS NO DECREASE IN FLOOD STORAGE VOLUME FOR THE PROJECT BECAUSE THERE IS NO NET FILL PROPOSED AT ANY ELEVATION ABOVE THE 100-YEAR FLOOD PLAIN. FLOOD PLAIN STORAGE CALCULATIONS ARE INCLUDED IN APPENDIX D OF THE STORMWATER MANAGEMENT REPORT.



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<p>CONSULTANTS:</p> <p>DES MAN Design Management 18 TREMONT STREET SUITE 300 BOSTON, MASSACHUSETTS 02108 TELEPHONE: 617.778.9882 www.desman.com</p>	<p>KEYPLAN</p>	<p>ARCHITECT + ENGINEERS:</p> <p>Bancroft BANCROFT ARCHITECTS + ENGINEERS 360 Bloomfield Windsor Locks, Connecticut 06096 Telephone: 860.697.6368 www.bancroft-ae.com Bancroft-AE Project No. 14-113</p>	<p>LEGEND ABBREVIATIONS AND GENERAL NOTES</p> <p>Approved Project Director</p> <p>VAPAHCS PLANNING AND ENGINEERING</p>	<p>Project Title PARKING STRUCTURE</p> <p>Project Number 650-338</p> <p>Building Number -</p> <p>Location PROVIDENCE, RHODE ISLAND</p> <p>Date 08-05-2017</p> <p>Checked RLC</p> <p>Drawn EOB</p> <p>Drawing Number C-101</p>
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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Stephen D. Wencel

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

RENEE L. CODEGA
 No. 6517
 REGISTERED PROFESSIONAL ENGINEER
 6/15/17

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Revisions	Date
NO REVISIONS	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-01-2018
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2018
60% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2018
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2018
30% SCHEMATIC DESIGN SUBMISSION	01-09-2018

CONSULTANTS:

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 18 TREMONT STREET
 SUITE 300
 BOSTON, MASSACHUSETTS 02108
 TELEPHONE: 617.778.9682
 www.desman.com

vhb
 1 CEDAR STREET
 SUITE 400
 PROVIDENCE, RHODE ISLAND 02903
 TELEPHONE: 401.272.8100
 www.vhb.com

KEYPLAN

ARCHITECT + ENGINEERS:

Bancroft
 BANCROFT ARCHITECTS + ENGINEERS
 360 Bloomfield
 Windsor Locks, Connecticut 06096
 Telephone: 1.860.677.6368
 www.bancroft-ae.com
 Bancroft-AE Project No. 14-113

Drawing Title
 KEY PLAN

Approved Project Director
 VAPAHCs PLANNING AND ENGINEERING

Project Title
 PARKING STRUCTURE

Location
 PROVIDENCE, RHODE ISLAND

Date
 06-05-2017

Checked
 RLC

Drawn
 EOB

Project Number
 650-338

Building Number
 -

Drawing Number
 C-102

Office of Construction and Facilities Management
 Department of Veterans Affairs

NOTE
1. REFER TO ELECTRIC PLANS FOR SITE ELECTRIC DEMOLITION.

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

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Stephen D. Wencsek

JUN 21 2017

201 GARAGE-SITE DEMOLITION PLAN 1
1" = 20'

RENEE L. CODEGA
No. 6517
REGISTERED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
Department of Veterans Affairs

V:\data\graphics\727225.00\cad\pl\Plans\727222_Plan.dwg 6-16-17 09:34:58 AM dwhite

NO REVISIONS	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-31-2016
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2016
30% SCHEMATIC DESIGN SUBMISSION	01-08-2016
Revisions	Date

CONSULTANTS:

DESMAN
Design Management
18 TREMONT STREET
SUITE 500
BOSTON, MASSACHUSETTS 02108
TELEPHONE: 617.778.9822
www.desman.com

vhb
1 CEDAR STREET
SUITE 400
PROVIDENCE, RHODE ISLAND 02903
TELEPHONE: 401.272.8100
www.vhb.com

KEYPLAN

ARCHITECT + ENGINEERS:

Bancroft
BANCROFT ARCHITECTS + ENGINEERS
300 Bloomfield
Windsor Locks, Connecticut 06096
Telephone: 860.677.6368
www.bancroft-ae.com
Bancroft-AE Project No. 14-113

Drawing Title: GARAGE - SITE DEMOLITION PLAN 1

Approved Project Director:
VAPAHS PLANNING AND ENGINEERING

Project Title: PARKING STRUCTURE

Location: PROVIDENCE, RHODE ISLAND

Date: 08-05-2017

Checked: RLC

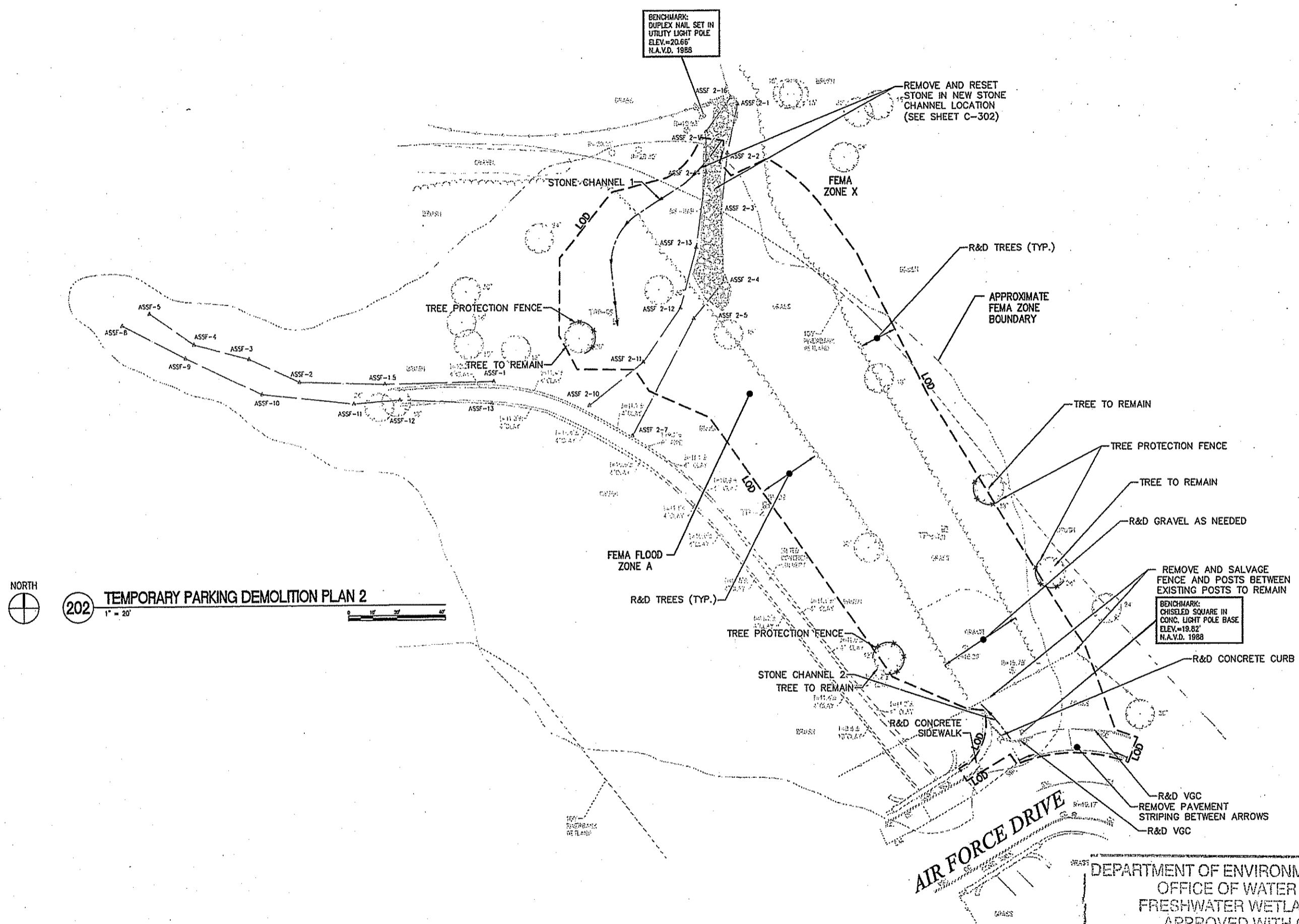
Drawn: EOB

Project Number: 650-038

Building Number: -

Drawing Number: C-201

NOTE
 1. ALL TREES WITHIN THE LOD SHALL BE REMOVED, UNLESS NOTED OTHERWISE.



JUN 21 2017

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUL 31 2017 FILE # 17-0002
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

RENEE J. CODEGA
 No. 6517
 REGISTERED PROFESSIONAL ENGINEER

Stephen D. Wenczek

I:\Projects\72722\00\Loc\VA\Plans\72722_Plot.dwg 6-16-17 09:35:04 AM dwhite

NO REVISIONS	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-31-2016
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2016
30% SCHEMATIC DESIGN SUBMISSION	01-08-2016
Revisions:	Date

CONSULTANTS:

DESMAN
 Design Management
 18 TREMONT STREET
 SUITE 400
 BOSTON, MASSACHUSETTS 02108
 TELEPHONE: 617.778.8882
 www.desman.com

vhb
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 SUITE 400
 PROVIDENCE, RHODE ISLAND 02903
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 www.vhb.com

KEYPLAN

ARCHITECT + ENGINEERS:

Bancroft
 BANCROFT ARCHITECTS + ENGINEERS
 360 Bloomfield
 Windsor Locks, Connecticut 06095
 Telephone: 860.677.2338
 www.bancroft-ae.com
 Bancroft-AE Project No. 14-113

Drawing Title:
 TEMPORARY PARKING -
 DEMOLITION PLAN 2

Approved Project Director:
 VAPAHCS PLANNING AND ENGINEERING

Project Title:
 PARKING STRUCTURE

Location:
 PROVIDENCE, RHODE ISLAND

Date: 08-05-2017

Checked: RLC

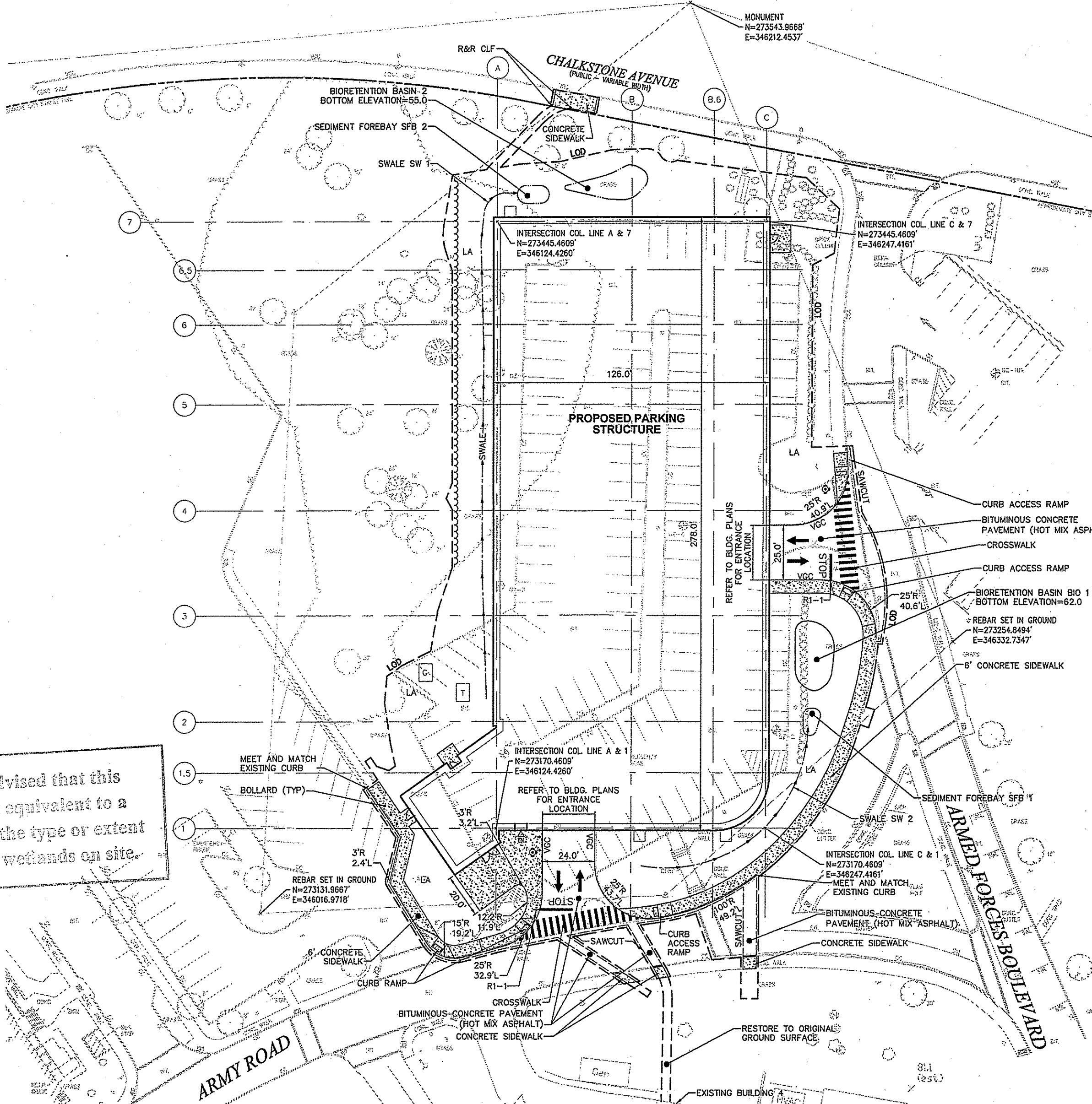
Drawn: EOB

Project Number: 650-038

Building Number:

Drawing Number: C-202

Office of Construction and Facilities Management
 Department of Veterans Affairs



Sign Summary			
M.U.T.C.D. Number	Specification	Width	Height
R1-1		30"	30"

- NOTE:
- REFER TO STRUCTURAL PLAN BOLLARD DETAIL AND SCHEDULE FOR BOLLARD SPECIFICATIONS.
 - SEE SHEETS C-201, C-202, SEC-2, AND SEC-3 FOR PROTECTION FENCE LOCATION PROTECTION FENCE TO REMAIN THE DURATION OF THE PROJECT.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCE
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUL 31 2017 FILE # 17-17
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION

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

301 GARAGE LAYOUT AND MATERIALS PLAN 1
 1" = 20'

RENEE
 No.
 REG. PROFESSIONAL ENGINEER

DESIGN DOCUMENT SUBMITTAL	06-15-2017
DESIGN DOCUMENT SUBMISSION	10-31-2016
DESIGN DOCUMENT SUBMISSION	10-21-2016
DESIGN DOCUMENT SUBMISSION	08-24-2016
DESIGN DOCUMENT SUBMISSION	04-06-2016
FINAL DESIGN SUBMISSION	01-08-2016
Date	

CONSULTANTS:

DESMAN
 Design Management
 18 TREMONT STREET
 SUITE 300
 BOSTON, MASSACHUSETTS 02108
 TELEPHONE: 617.778.9882
 www.desman.com

KEYPLAN

vhb
 1 CEDAR STREET
 SUITE 400
 PROVIDENCE, RHODE ISLAND 02903
 TELEPHONE: 401.272.8100
 www.vhb.com

ARCHITECT + ENGINEERS:

Bancroft
 BANCROFT ARCHITECTS + ENGINEERS
 340 Bloomfield
 Windsor Locks, Connecticut 06096
 Telephone: 860.497.4348
 www.bancroft-ae.com
 Bancroft-AE Project No. 14-113

Drawing Title:
 GARAGE - LAYOUT AND MATERIALS PLAN 1

Project Title:
 PARKING STRUCTURE

Approved Project Director:
 VAPAHCS PLANNING AND ENGINEERING

Location:
 PROVIDENCE, RHODE ISLAND

Date:
 06-05-2017

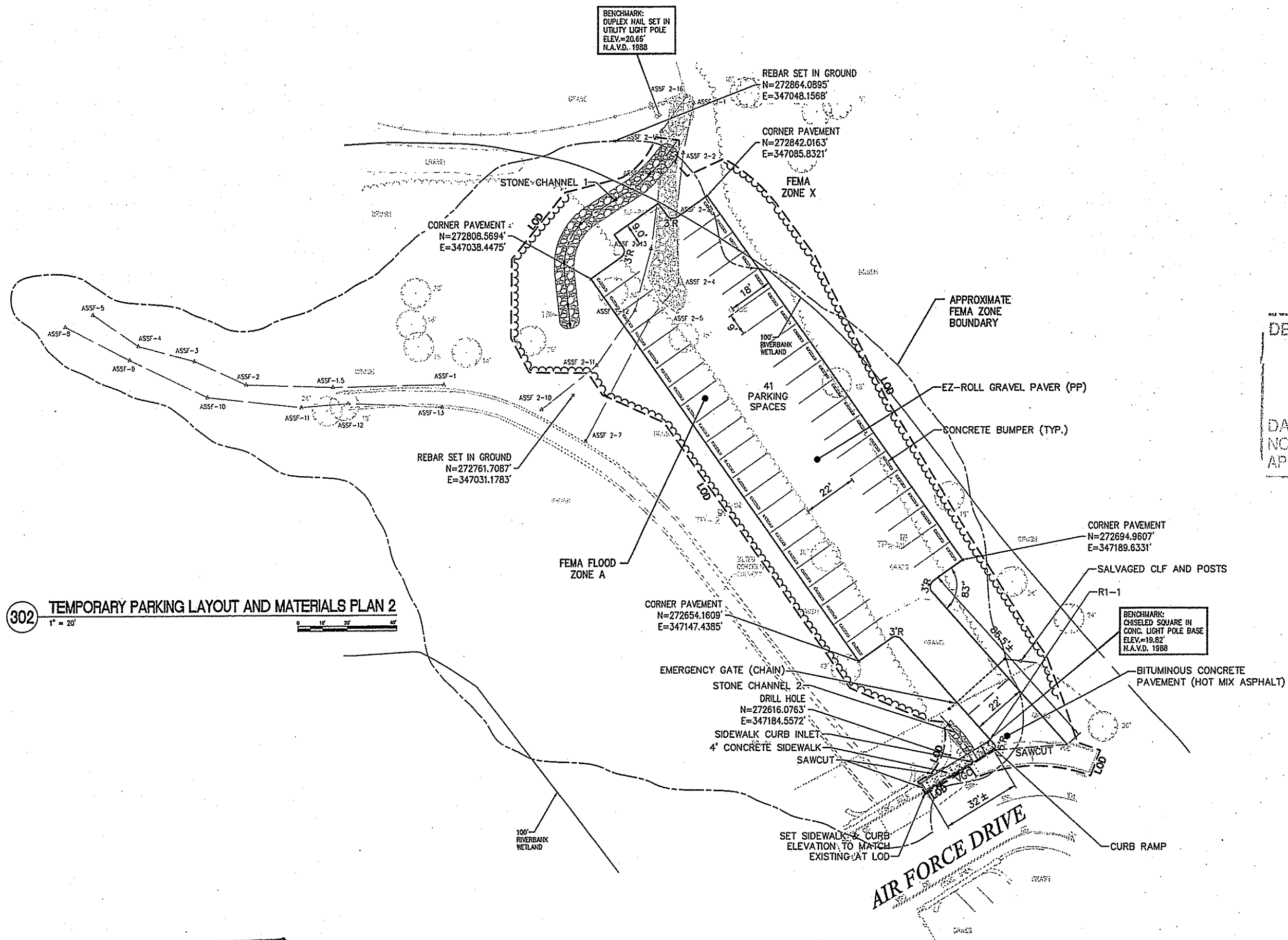
Checked:
 FLC

Drawn:
 EOB

Project Number:
 650-036

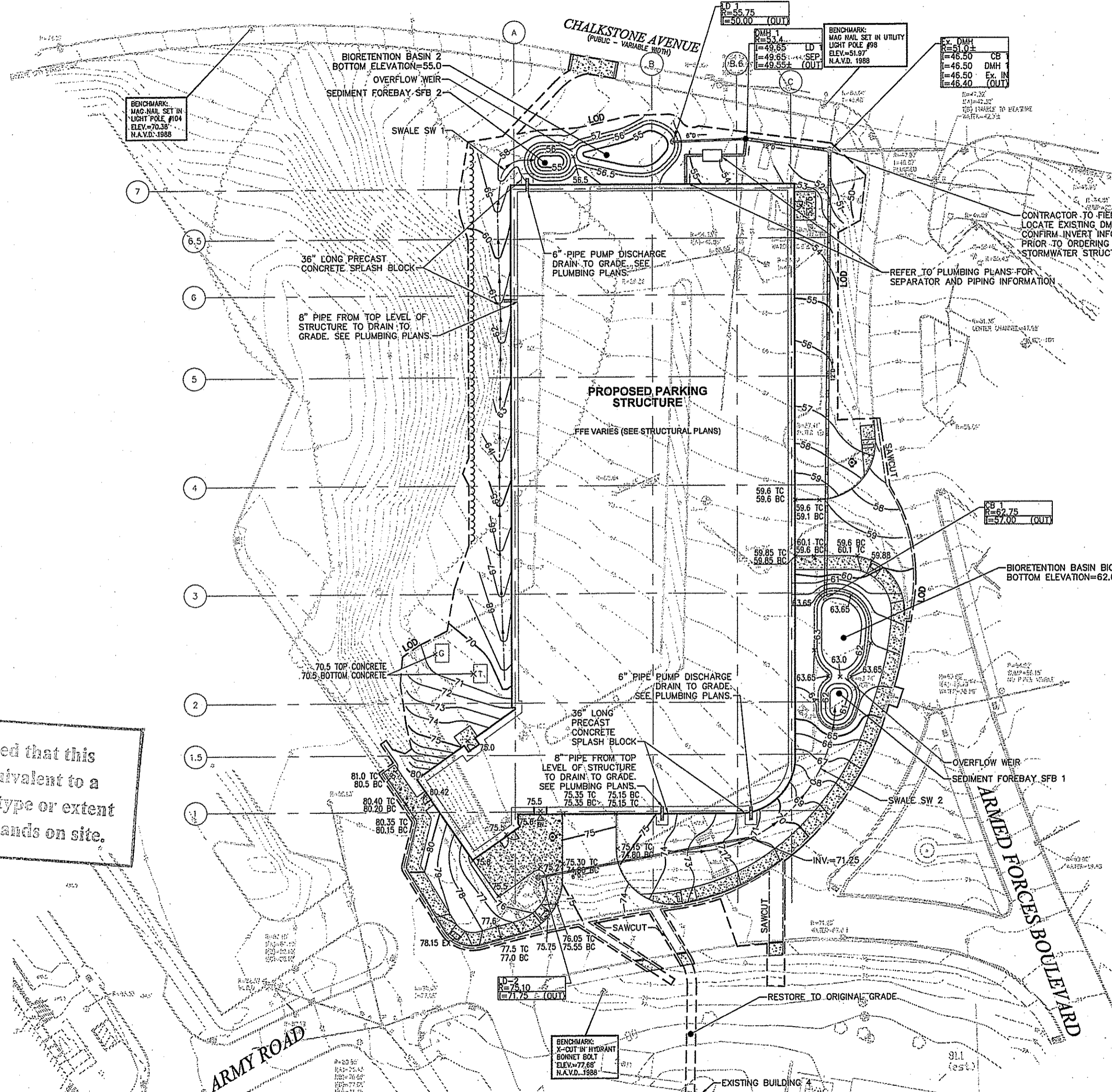
Building Number:

Drawing Number:
 C-301



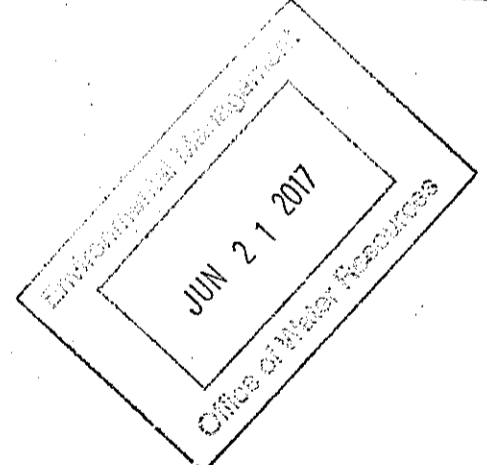
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

<p>CONSULTANTS:</p> <p>DESMAN Design Management 18 TREMONT STREET SUITE 300 BOSTON, MASSACHUSETTS 02108 TELEPHONE: 617.778.8882 www.desman.com</p> <p>vhb 1 CEDAR STREET SUITE 400 PROVIDENCE, RHODE ISLAND 02903 TELEPHONE: 401.272.8100 www.vhb.com</p>	<p>KEYPLAN</p>	<p>ARCHITECT + ENGINEERS:</p> <p>Bancroft BANCROFT ARCHITECTS + ENGINEERS 340 Bloomfield Windsor Locks, Connecticut 06096 Telephone: 860.677.6368 www.bancroft-ae.com Bancroft-AE Project No. 14113</p>	<p>Drawing Title: TEMPORARY PARKING - LAYOUT AND MATERIALS PLAN 2</p> <p>Approved Project Director: VAPAHS PLANNING AND ENGINEERING</p>	<p>Project Title: PARKING STRUCTURE</p> <p>Location: PROVIDENCE, RHODE ISLAND</p> <p>Date: 06-05-2017 Checked: FLC Drawn: EOB</p>	<p>Project Number: 650-036</p> <p>Building Number:</p> <p>Drawing Number: C-302</p>
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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 JUL 31 2017 FILE # 17-0002
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL

Martin D. Wencsek



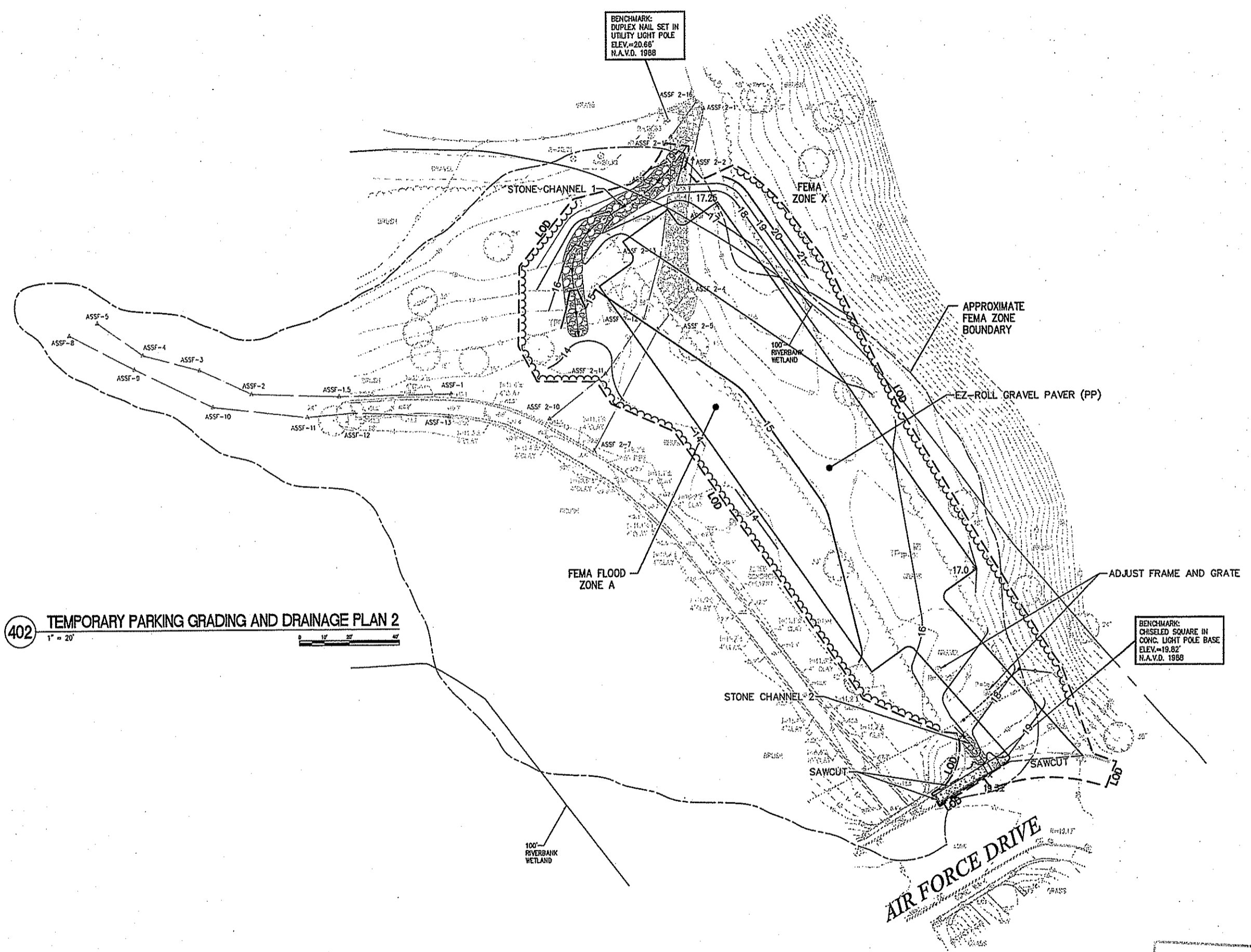
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

401 GARAGE GRADING AND DRAINAGE PLAN 1
 1" = 20'

RENEE L. CODEGA
 No. 6517
 REGISTERED PROFESSIONAL ENGINEER
 6/15/17
 Office of Construction and Facilities Management
 Department of Veterans Affairs

I:\data\Projects\172722.00\cd\A\Plans\172722_Plan.dwg 6-16-17 09:38:40 AM dwhite

CONSULTANTS: DESMAN Design Management 18 TREMONT STREET SUITE 300 BOSTON, MASSACHUSETTS 02108 TELEPHONE: 617.778.9682 www.desman.com		KEYPLAN 		ARCHITECT + ENGINEERS: Bancroft BANCROFT ARCHITECTS + ENGINEERS 340 Bloomfield Windsor Locks, Connecticut 06096 Telephone: 860.677.6368 www.bancroft-ae.com Bancroft-AE Project No. 14-113		Drawing Title GARAGE - GRADING AND DRAINAGE PLAN 1 Approved Project Director VAPAC'S PLANNING AND ENGINEERING		Project Title PARKING STRUCTURE Location PROVIDENCE, RHODE ISLAND Date 06-05-2017 Checked RLC Drawn EOB		Project Number 650-930 Building Number - Drawing Number C-401	
NO REVISIONS 06-15-2017 100% CONSTRUCTION DOCUMENT SUBMITTAL 10-01-2016 100% CONSTRUCTION DOCUMENT SUBMISSION 10-21-2016 60% CONSTRUCTION DOCUMENT SUBMISSION 08-24-2016 60% CONSTRUCTION DOCUMENT SUBMISSION 04-08-2016 30% SCHEMATIC DESIGN SUBMISSION 01-08-2016 Revisions: Date											



402 TEMPORARY PARKING GRADING AND DRAINAGE PLAN 2
1" = 20'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 31 2017 FILE # 17-0002
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

JUN 21 2017

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

RENEE R. LODGE
No. 6517
REGISTERED PROFESSIONAL ENGINEER

V:\data\projects\172722\00\cad\172722_Plan2.dwg 6-16-17 09:39:01 AM dmhite

NO REVISIONS	08-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-01-2016
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
80% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2016
30% SCHEMATIC DESIGN SUBMISSION	01-08-2016
Revisions:	Date

CONSULTANTS:

DESMAN
Design Management
18 TREMONT STREET
SUITE 300
BOSTON, MASSACHUSETTS 02108
TELEPHONE: 617.778.8882
www.desman.com

vhb
1 CEDAR STREET
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PROVIDENCE, RHODE ISLAND 02903
TELEPHONE: 401.272.8100
www.vhb.com

KEYPLAN

ARCHITECT + ENGINEERS:

Bancroft
BANCROFT ARCHITECTS + ENGINEERS
340 Bloomfield
Windsor Locks, Connecticut 06096
Telephone: 860.877.8388
www.bancroft-ae.com
Bancroft-AE Project No. 14-113

Drawing Title
TEMPORARY PARKING - GRADING AND DRAINAGE PLAN 2

Approved Project Director
-
VAPAHCS PLANNING AND ENGINEERING

Project Title
PARKING STRUCTURE

Location
PROVIDENCE, RHODE ISLAND

Date
08-05-2017

Checked
RLC

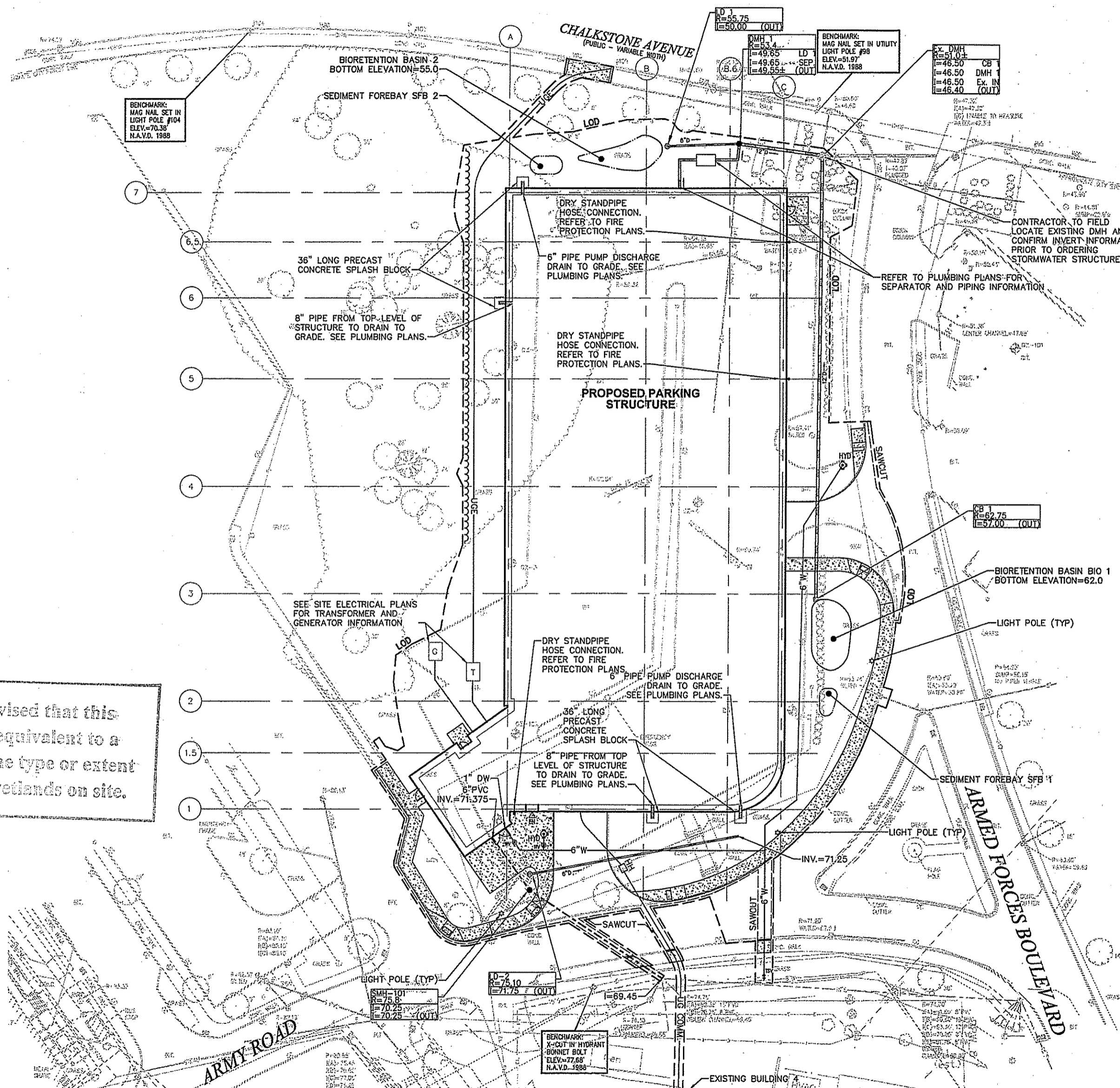
Drawn
EOB

Project Number
850-336

Building Number
-

Drawing Number
C-402

Office of Construction and Facilities Management
Department of Veterans Affairs

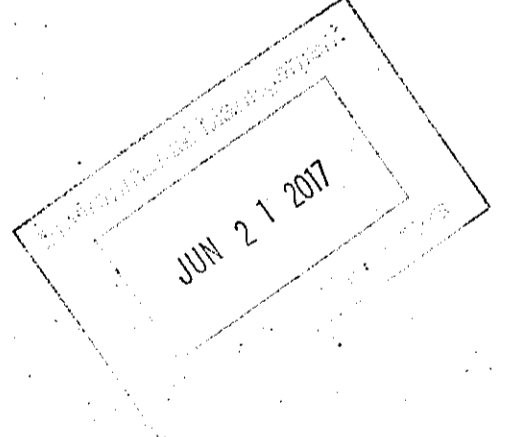


- NOTE:
- REFER TO ELECTRIC PLANS FOR SITE ELECTRIC AND COMMUNICATION CONDUITS, LIGHT POLES, LIGHT POLE FOUNDATIONS, TRANSFORMER, GENERATOR, AND DETAILS.
 - CONTRACTOR TO VERIFY THAT NEW SEWER CONNECTION TO MANHOLE DOES NOT CONFLICT WITH EXISTING UTILITIES.

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 JUL 31 2017 FILE # 17-0002
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Jonathan D. Wenczek



501 GARAGE UTILITY PLAN 1
 1" = 20'



NO REVISIONS	08-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-01-2016
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
80% CONSTRUCTION DOCUMENT SUBMISSION	09-24-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2016
30% SCHEMATIC DESIGN SUBMISSION	01-08-2016
Revisions	Date

CONSULTANTS:

DESMAN
 Design Management
 18 TREMONT STREET
 SUITE 300
 BOSTON, MASSACHUSETTS 02108
 TELEPHONE: 617.778.8882
 www.desman.com

vhb
 1 CEDAR STREET
 SUITE 400
 PROVIDENCE, RHODE ISLAND 02903
 TELEPHONE: 401.272.8100
 www.vhb.com

KEYPLAN

ARCHITECT + ENGINEERS:

Bancroft
 BANCROFT ARCHITECTS + ENGINEERS
 300 Bloomfield
 Windsor Locks, Connecticut 06096
 Telephone: 860.477.4348
 www.bancroft-ae.com
 Bancroft-AE Project No. 14-113

Drawing Title: GARAGE - UTILITY PLAN 1

Approved Project Director: VAPAHS PLANNING AND ENGINEERING

Project Title: PARKING STRUCTURE

Location: PROVIDENCE, RHODE ISLAND

Date: 08-05-2017

Checked: RLC

Drawn: EOB

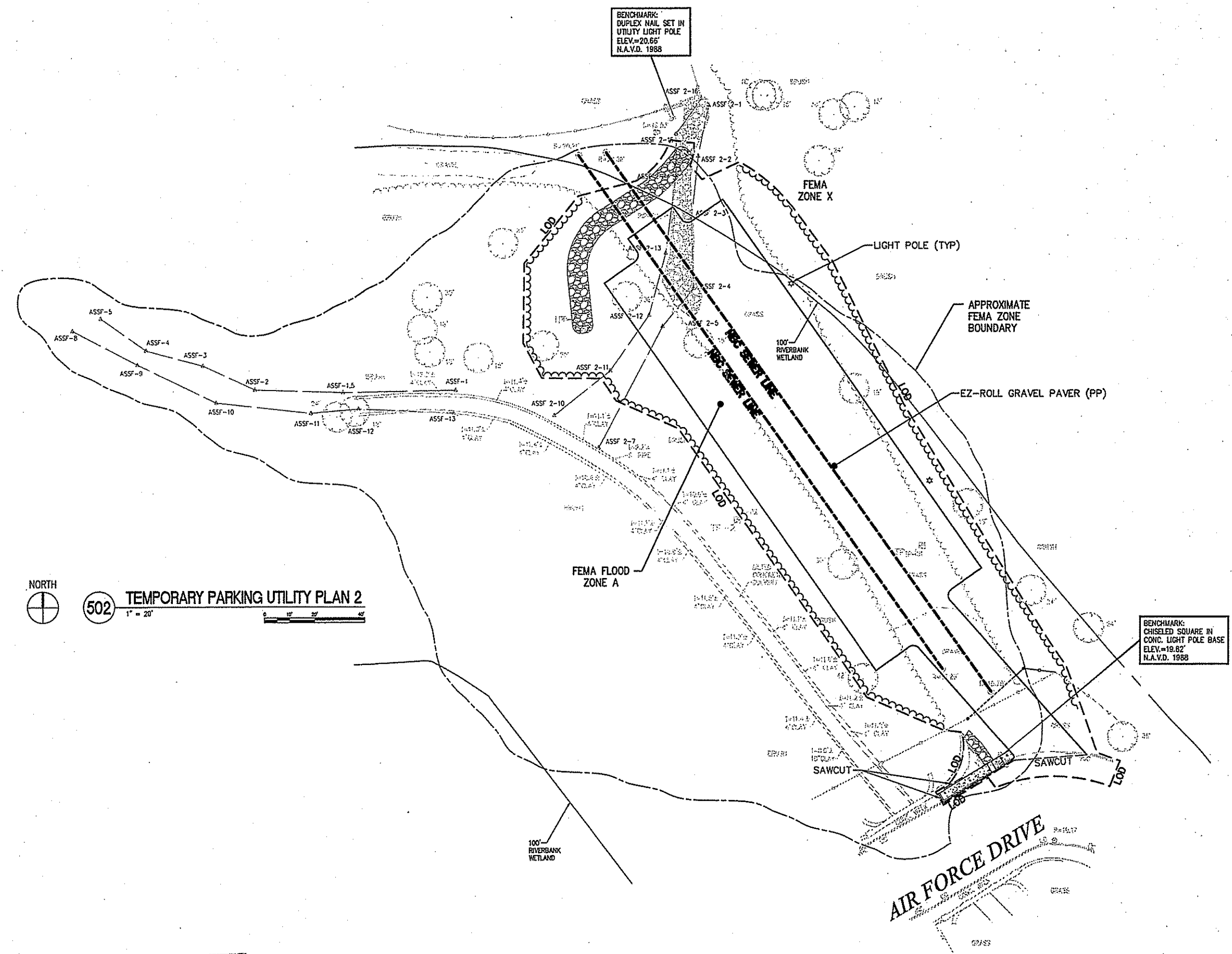
Project Number: 650-336

Building Number:

Drawing Number: C-501

Office of Construction and Facilities Management
 Department of Veterans Affairs

NOTE:
 1. REFER TO ELECTRIC PLANS FOR SITE ELECTRIC CONDUITS, LIGHT POLES, LIGHT POLE FOUNDATIONS, AND DETAILS.



Christina D. Wenczek
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
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JUN 21 2017
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES

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

Renee L. Codega
 RENE L. CODEGA
 No. 6517
 REGISTERED PROFESSIONAL ENGINEER
 6/15/17

I:\Projects\172722\00\DWG\172722.dwg 6-16-17 09:40:43 AM dhhilic

NO REVISIONS	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-31-2016
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
80% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2016
30% SCHEMATIC DESIGN SUBMISSION	01-08-2016
Revisions	Date

CONSULTANTS:

DESMAN
 Design Management
 18 TREMONT STREET
 SUITE 300
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 TELEPHONE: 617.778.8882
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vhb
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 PROVIDENCE, RHODE ISLAND 02903
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KEYPLAN

ARCHITECT + ENGINEERS:

Bancroft
 BANCROFT ARCHITECTS + ENGINEERS
 340 Bloomfield
 Windsor Locks, Connecticut 06096
 Telephone: 860.677.6338
 www.bancroft-ae.com
 Bancroft-AE Project No. 14-113

Drawing Title:
 TEMPORARY PARKING - UTILITY PLAN 2

Approved Project Director:
 VAPAHCS PLANNING AND ENGINEERING

Project Title:
 PARKING STRUCTURE

Location:
 PROVIDENCE, RHODE ISLAND

Date:
 08-05-2017

Checked:
 RLC

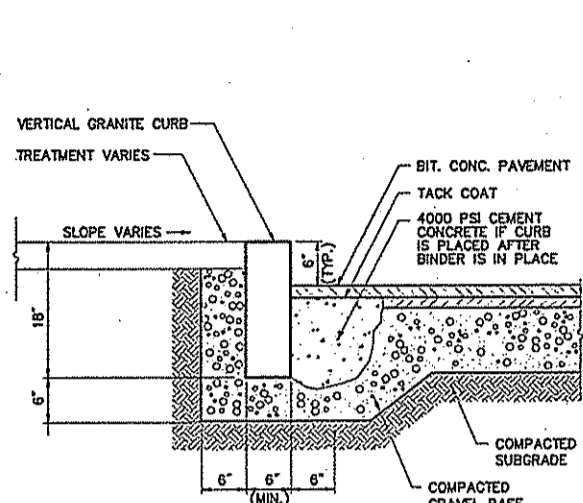
Drawn:
 EOB

Project Number:
 650-036

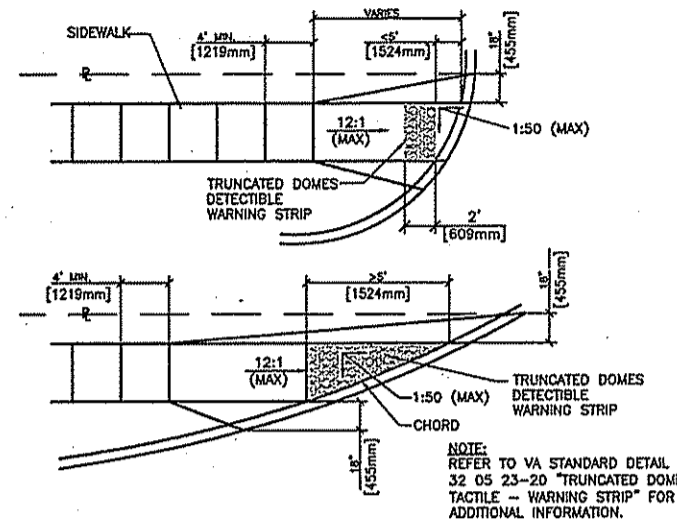
Building Number:
 -

Drawing Number:
 C-502

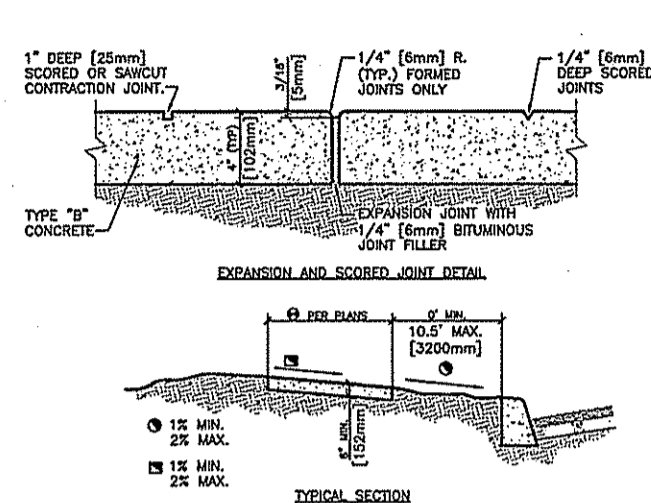
Office of Construction and Facilities Management
 Department of Veterans Affairs



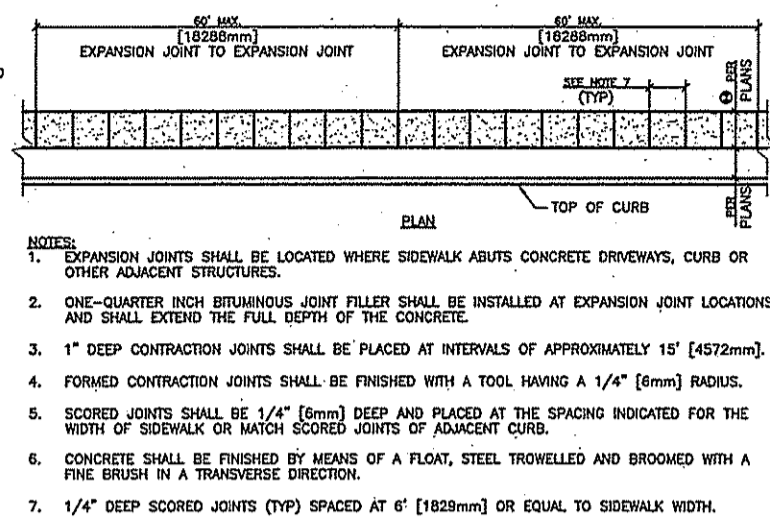
Vertical Granite Curb (VGC) 6/12
N.T.S. Source: VHB LD_402



Curb Access Ramp Alternatives N.T.S. Source: VA

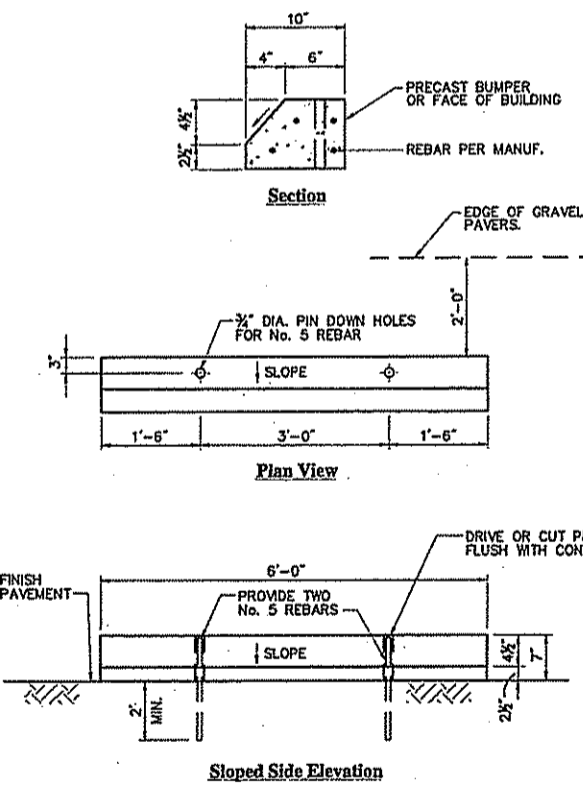


Concrete Sidewalk N.T.S. Source: VA

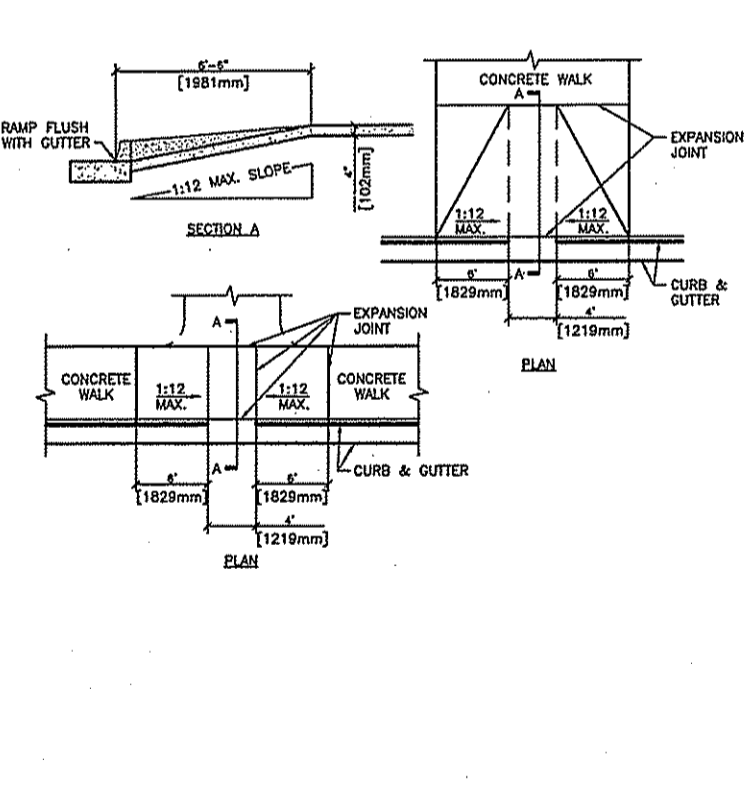


- NOTES:**
- EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
 - ONE-QUARTER INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
 - 1\"/>

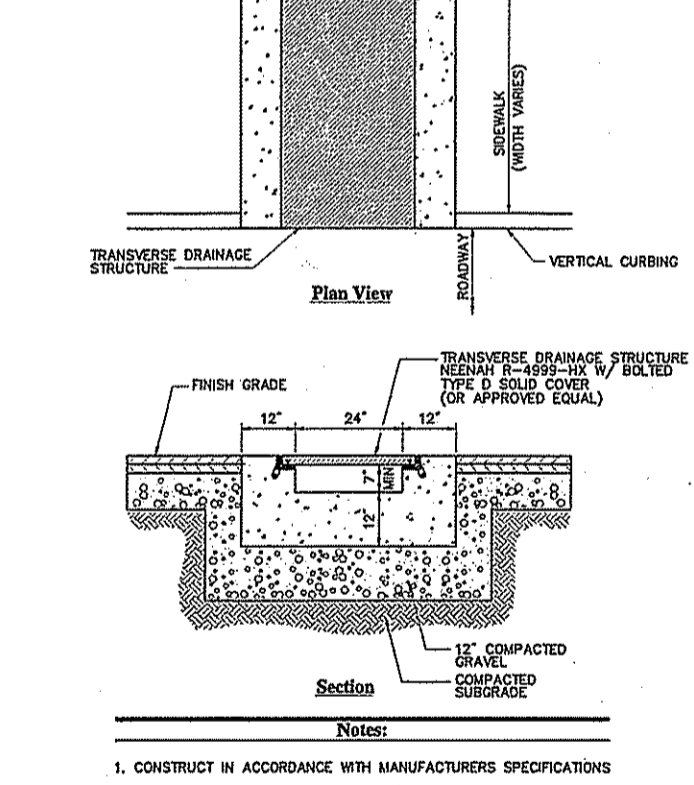
Imported D. Wensel
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUL 31 2017 FILE # 17-0002
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE



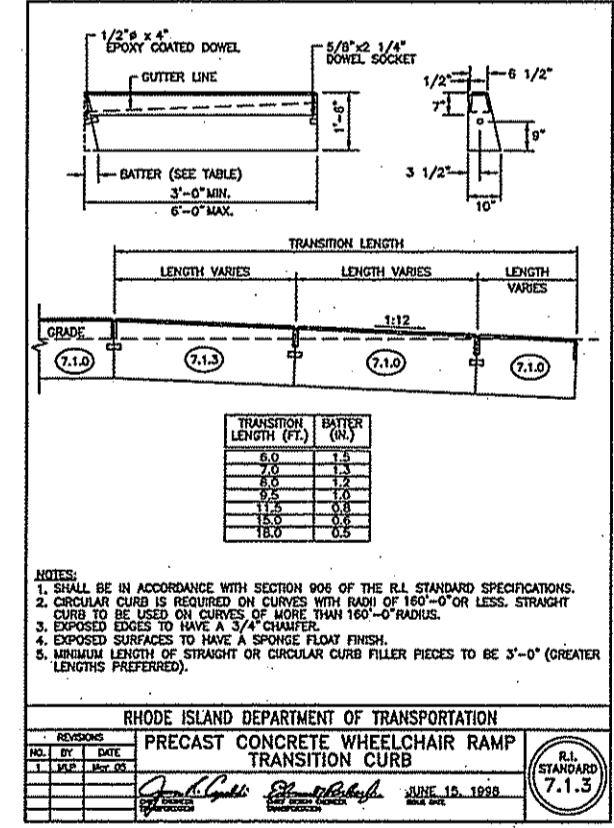
Concrete Bumper 6/08
N.T.S. Source: VHB LD_417



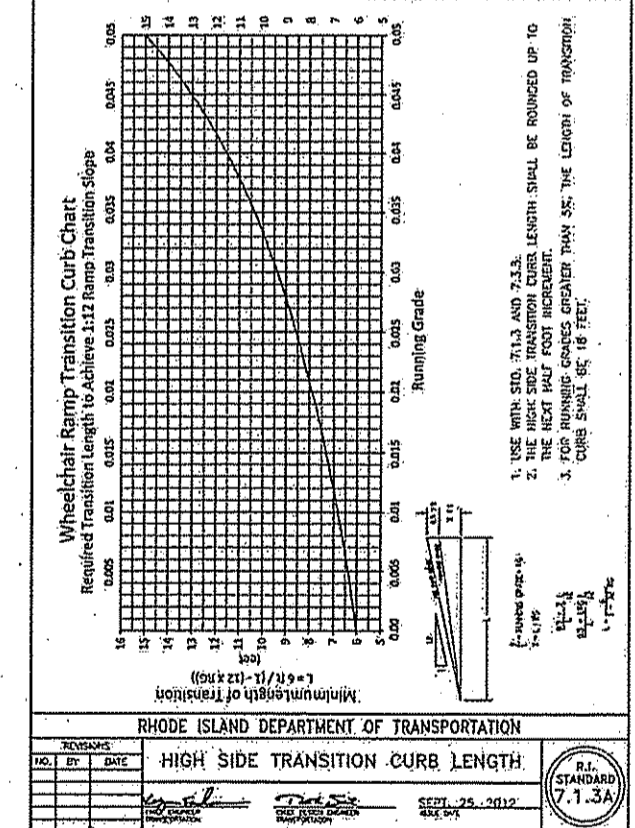
Curb Ramp N.T.S. Source: VA



Sidewalk Curb Inlet 3/11
N.T.S. Source: VHB LD_192



RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PRECAST CONCRETE WHEELCHAIR RAMP TRANSITION CURB R.I. STANDARD 7.1.3
 DATE: JUNE 10, 1998



RHODE ISLAND DEPARTMENT OF TRANSPORTATION
HIGH SIDE TRANSITION CURB LENGTH R.I. STANDARD 7.1.3A
 DATE: 09-05-2012

I:\data\projects\72722\00\cadd\planest\72722_01.dwg 6-16-17 09:42:10 adl dnhite

JUN 21 2017
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES

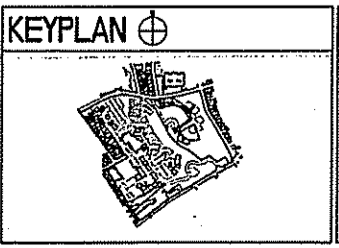
RENE L. BODEGA
 No. 6517
 REGISTERED PROFESSIONAL ENGINEER

NO REVISIONS	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-31-2016
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
80% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2016
30% SCHEMATIC DESIGN SUBMISSION	01-08-2016
Revisions:	Date

CONSULTANTS:

DESMAN Design Management
 18 TREMONT STREET
 SUITE 300
 BOSTON, MASSACHUSETTS 02108
 TELEPHONE: 617.778.5682
 www.desman.com

vhb
 1 CEDAR STREET
 SUITE 400
 PROVIDENCE, RHODE ISLAND 02903
 TELEPHONE: 401.272.8100
 www.vhb.com



ARCHITECT + ENGINEERS:

Bancroft Architects + Engineers
 340 Bloomfield
 Windsor Locks, Connecticut 06098
 Telephone: 860.677.5368
 www.bancroft-ae.com
 Bancroft-AE Project No. 14113

Drawing Title
 SITE DETAILS 1

Approved Project Director
 VAPAHCS PLANNING AND ENGINEERING

Project Title
 PARKING STRUCTURE

Location
 PROVIDENCE, RHODE ISLAND

Date
 09-05-2017

Checked
 RLC

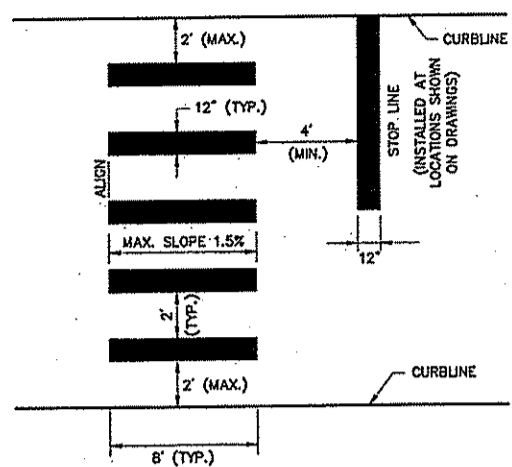
Drawn
 EOB

Project Number
 650-336

Building Number
 -

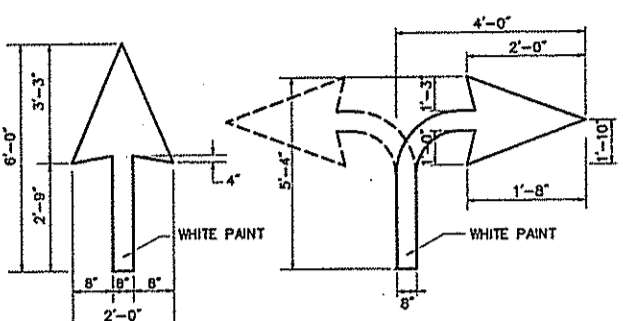
Drawing Number
 C-601

Office of Construction and Facilities Management
 Department of Veterans Affairs



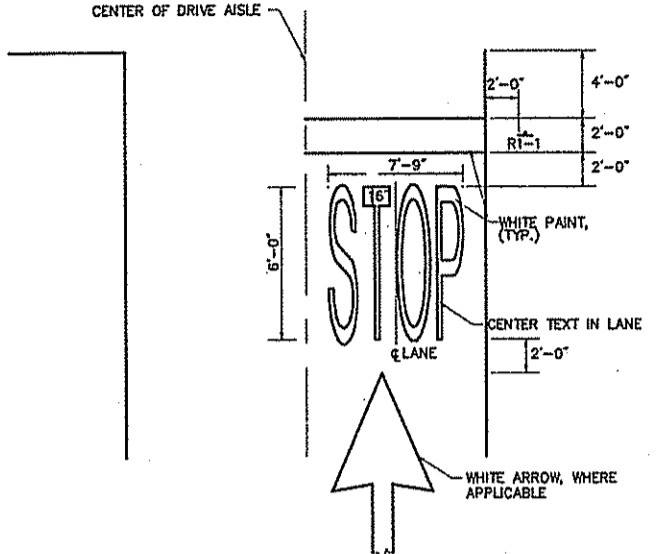
- Notes:**
1. TWELVE INCH (12") LINES SHALL BE APPLIED IN ONE APPLICATION, NO COMBINATION OF LINES (TWO - 6 INCH LINES) WILL BE ACCEPTED.
 2. LONGITUDINAL CROSSWALK LINES TO BE PARALLEL TO CURBLINE.
 3. ALL LONGITUDINAL CROSSWALK LINES TO BE THE SAME LENGTH AND PROPERLY ALIGNED.
 4. CROSS WALK SIDESLOPE SHALL NOT EXCEED 1.5%.

Crosswalk 6/08
Source: VHB REV LD_553



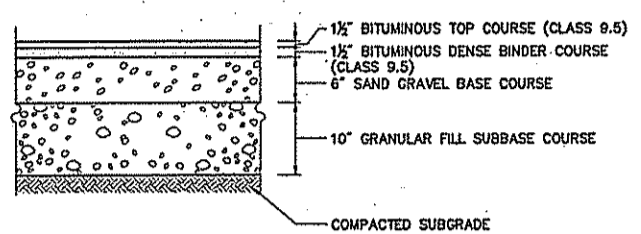
- Notes:**
1. PAVEMENT MARKINGS TO BE INSTALLED IN LOCATIONS SHOWN ON DRAWINGS.

Typical Arrow Details 6/08
N.T.S. Source: VHB



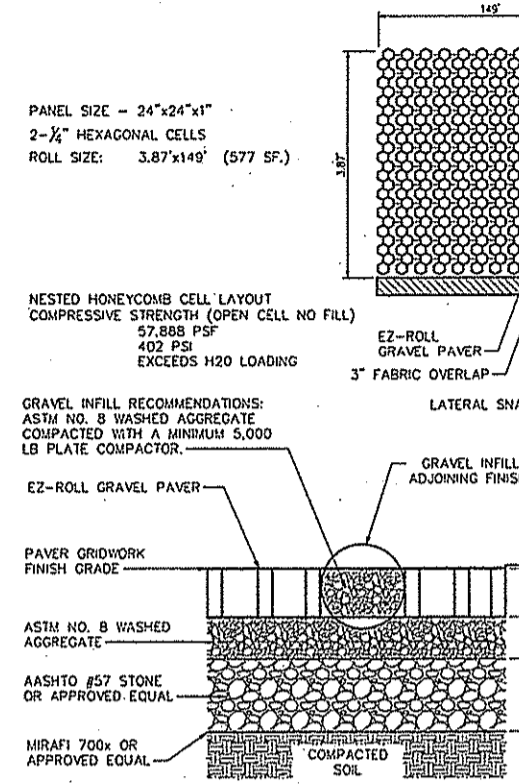
- Notes:**
1. PAVEMENT MARKINGS TO BE INSTALLED FOR ON SITE WORK IN LOCATIONS SHOWN.

Stop Line 6/08
N.T.S. Source: VHB

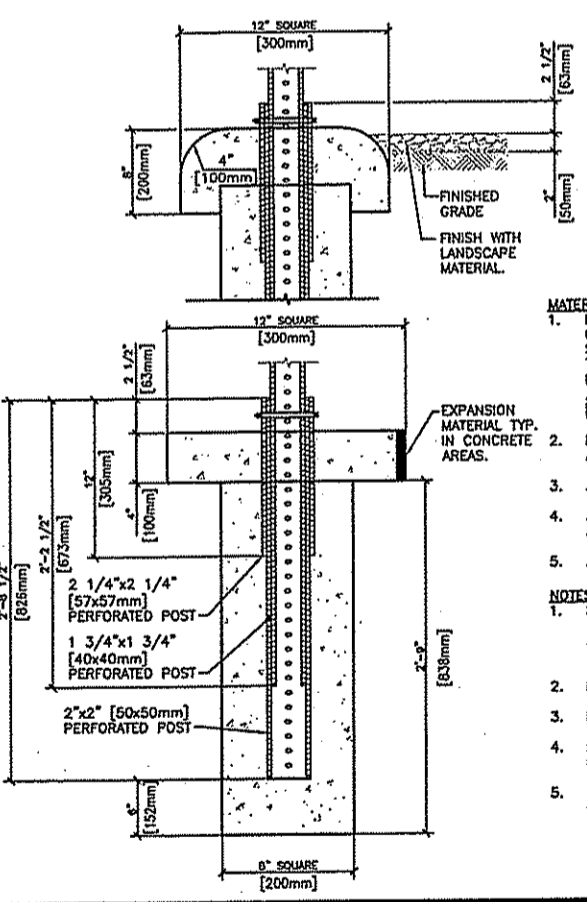


- Notes:**
1. MATERIALS AND INSTALLATION SHALL CONFORM TO RIDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION (LATEST EDITION, INCLUDING AMENDMENTS).

Bituminous Concrete Pavement Section (Hot Mix Asphalt) 6/08
N.T.S. Source: VHB REV LD_430

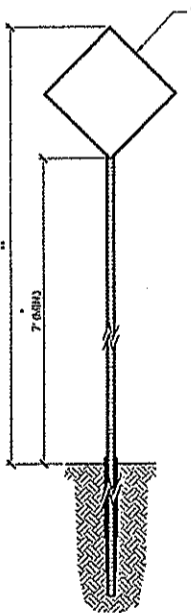


EZ-Roll Gravel Pavers 6/08
N.T.S. REV Source: VHB



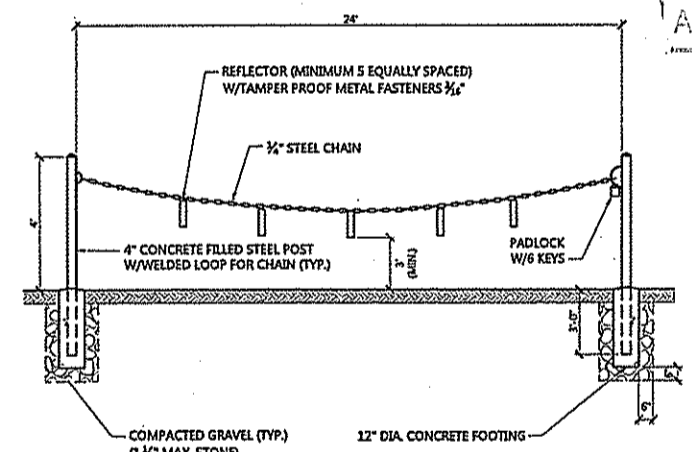
- MATERIALS:**
1. PERFORATED POSTS SHALL BE SQUARE TUBE FORMED FROM 0.105 U.S.S. GAUGE ASTM A-368 COLD ROLLED CARBON STEEL. THE SQUARE TUBES SHALL BE WELDED DIRECTLY IN THE CORNER BY HIGH FREQUENCY RESISTANCE WELDING OR EQUAL. THE POSTS SHALL BE EXTERNALLY SCARFED TO AGREE WITH STD. CORNER RADIUS OF 5/32" [4mm] TO 1/64" [3mm].
 2. PERFORATED POSTS SHALL BE GALVANIZED TO CONFORM TO ASTM A-525. COATING DESIGNATION G-90.
 3. ALL HARDWARE SHALL CONFORM TO ASTM A-307 CLASS A.
 4. ALL HARDWARE SHALL BE GALVANIZED TO CONFORM TO ASTM A-153 OR CADMIUM PLATED TO CONFORM TO ASTM A-155.
 5. ALL CONCRETE SHALL BE 3,000 PSI.
- NOTES:**
1. FOUNDATION WILL BE CONSTRUCTED WITH 1 3/4" x 1 3/4" STARTER SIGN POST. STARTER SIGN POST SHALL BE REMOVED AFTER CONCRETE HAS SET AND EXPOSED SQUARE TUBING WRAPPED AND SEALED WITH DUCT TAPE.
 2. FOUNDATION LOCATED 1' FROM EDGE OF PAVEMENT.
 3. FOUNDATION LOCATION TO BE APPROVED BY THE VA.
 4. POST FOUNDATIONS SHALL BE PERPENDICULAR TO THE PAVED SURFACE.
 5. BOLT WITH NUT AND LOCK WASHER TO BE 7/16" x 3" GALVANIZED.

Post Square Tube Foundation 1/16
Source: VA



- Notes:**
- THIS DIMENSION SHALL BE A MINIMUM OF 5' FOR ACCESSIBLE SIGNAGE.
 - THIS DIMENSION SHALL BE A MAXIMUM OF 8' FOR ACCESSIBLE SIGNAGE.
- Notes:**
1. REFER TO SIGN POST SQUARE TUBE FOUNDATION DETAIL FOR POST AND FOUNDATION INFORMATION.

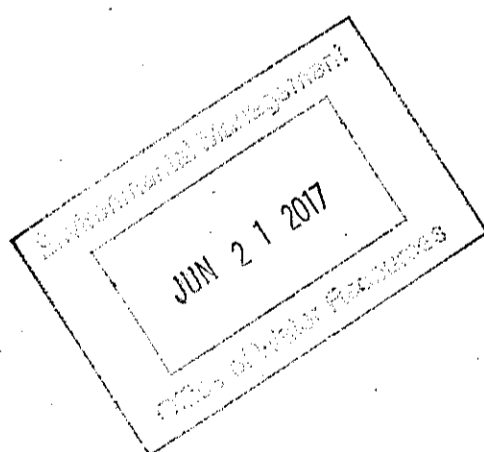
Sign Post - Type 'B' 1/16
N.T.S. Source: VHB LD_702



- Notes:**
1. SHOP PRIME AND PAINT EXPOSED SURFACES FIELD PAINT EPOXY ENAMEL-YELLOW.
 2. PROVIDE "MASTER" PADLOCK WITH 6 WORKING KEYS.
 3. 3,000 PSI CONCRETE FOOTING AND PIPE FILL.

Emergency Gate (Chain) 1/16
N.T.S. Source: VHB LD_487

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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DATED JUL 31 2017 FILE # 17-00
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION



06-15-2017	DESIGN DOCUMENT SUBMITTAL
10-31-2016	DESIGN DOCUMENT SUBMISSION
10-21-2016	DESIGN DOCUMENT SUBMISSION
08-24-2016	DESIGN DOCUMENT SUBMISSION
04-08-2016	DESIGN DOCUMENT SUBMISSION
07-08-2016	DESIGN DOCUMENT SUBMISSION
	DATE

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TELEPHONE: 617.778.8882
www.desman.com

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KEYPLAN

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www.bancroft-ae.com
Bancroft-AE Project No. 14-113

Drawing Title
SITE DETAILS 2

Approved Project Director
VAPAHS PLANNING AND ENGINEERING

Project Title
PARKING STRUCTURE

Location
PROVIDENCE, RHODE ISLAND

Date
06-05-2017

Checked
FLC

Drawn
EOB

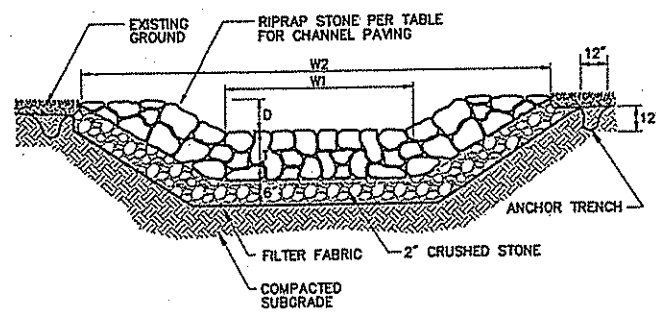
Project Number
650-336

Building Number
-

Drawing Number
C-602

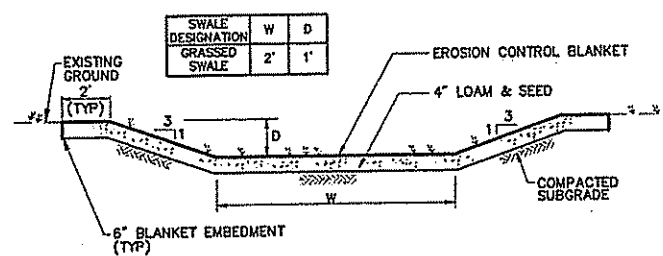
RENEE I.
No. [Signature]
REG. PROFESSIONAL ENGINEER

CHANNEL DESIGNATION	W1	W2	T	D	STONE DIA. (IN.)
CHANNEL 1	4'	6'	10"	MIN.	0.5'
CHANNEL 2	2'	4'	10"	MIN.	0.5'



- Notes:**
- USE EXISTING STONE TO CREATE NEW CHANNEL.
 - USE D50 10" ANGULAR STONE AS NEEDED TO SUPPLEMENT.

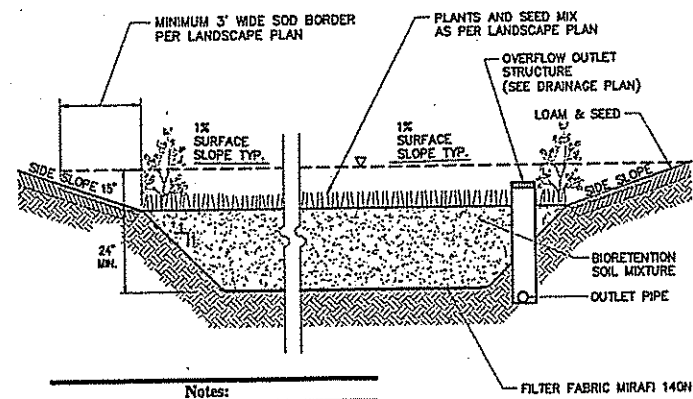
Stone Channel 6/08
N.T.S. Source: VHB REV LD_170



Weir Dimensions

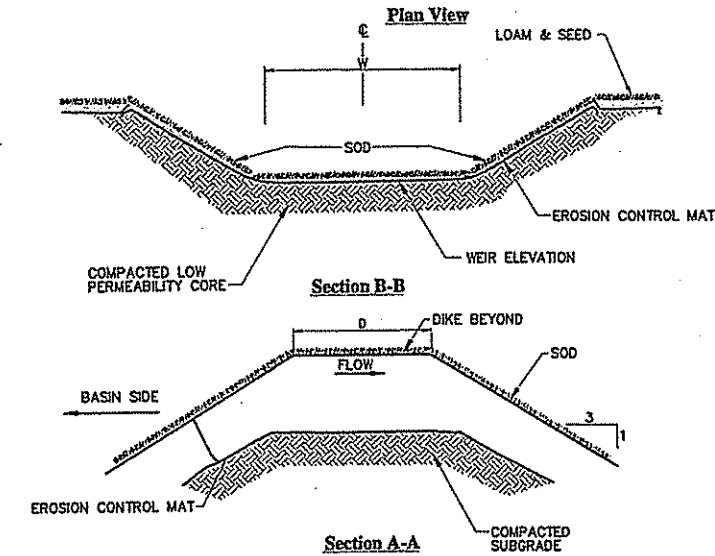
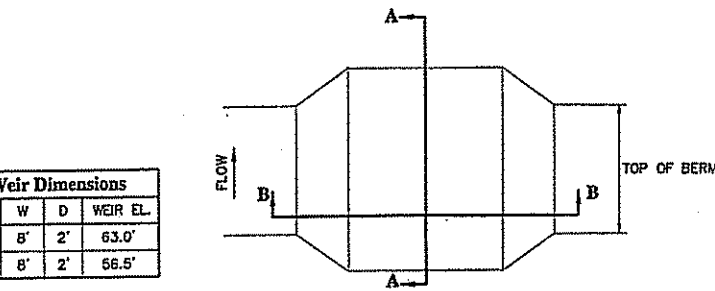
BMP	W	D	WEIR EL.
SFB 1	8'	2'	63.0'
SFB 2	8'	2'	56.5'

Grass Swale (SW 1, SW 2) 6/08
N.T.S. Source: VHB REV LD_171

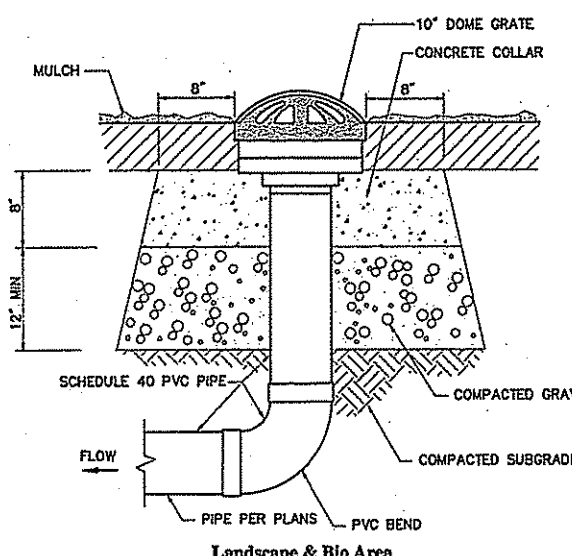


- Notes:**
- INSTALL UNDERDRAINS AT 10 FEET ON CENTER. CONNECT TO DRAINS PER PLAN.
 - SIDE SLOPES SHALL BE 3:1.

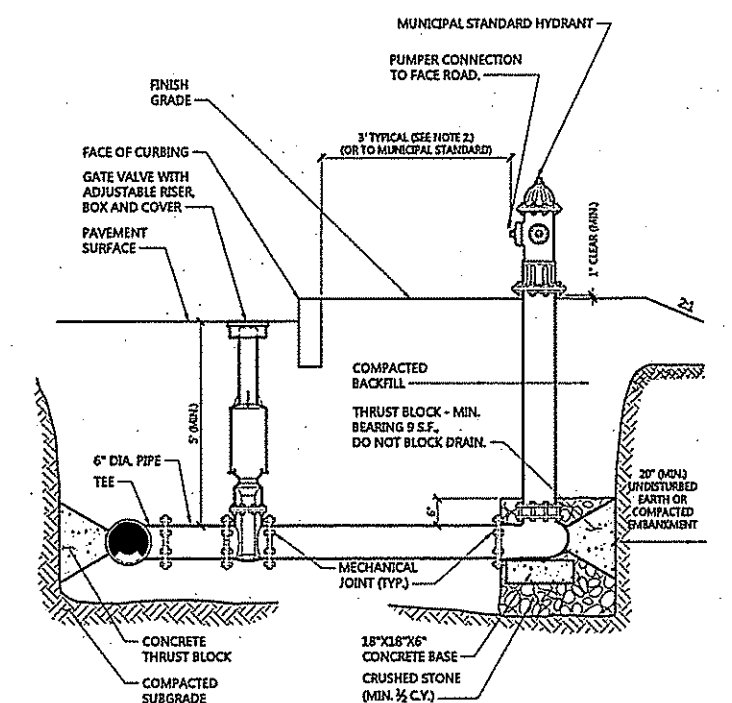
Bioretention Basin (BIO 1, BIO 2) 6/08
N.T.S. Source: VHB REV LD_353



Overflow Weir 6/08
N.T.S. Source: VHB REV LD_161

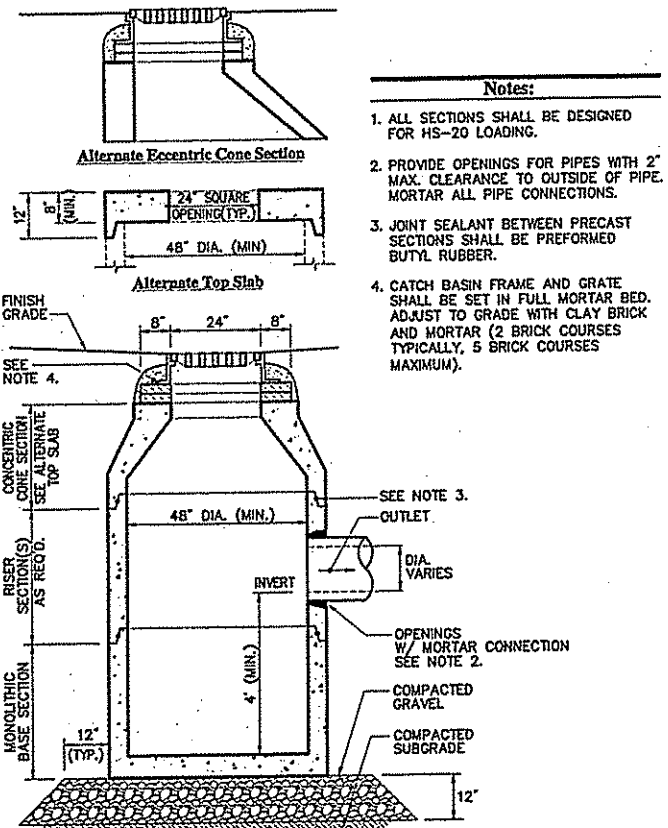


Landscape Drain (LD) 6/08
N.T.S. Source: VHB REV LD_193



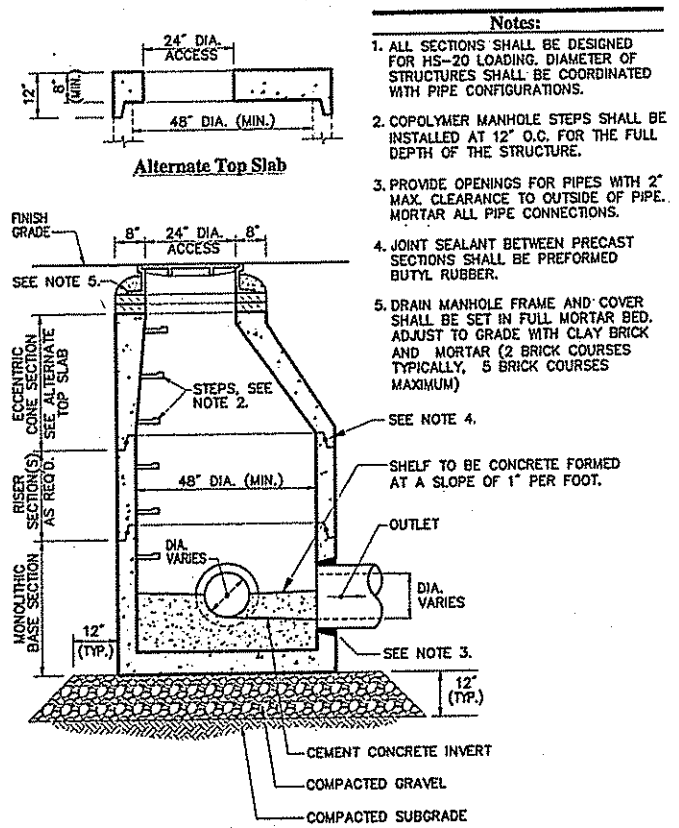
- NOTES:**
- CONCRETE THRUST BLOCKS TO BE USED ONLY WHERE THEY CAN BEAR ON UNDISTURBED EARTH AS SHOWN. USE CLAMPS AND TIE RODS OR OTHER ACCEPTABLE METHOD OF JOINT RESTRAINT WHERE SOIL CONDITIONS PROHIBIT THE USE OF THRUST BLOCKS.
 - HYDRANT IN SIDEWALK AREAS TO BE LOCATED TO PROVIDE MINIMUM CLEAR SIDEWALK PASSAGE WIDTH OF 3 FEET AT HYDRANT.

Hydrant Construction 1/16
N.T.S. Source: VHB REV LD_250



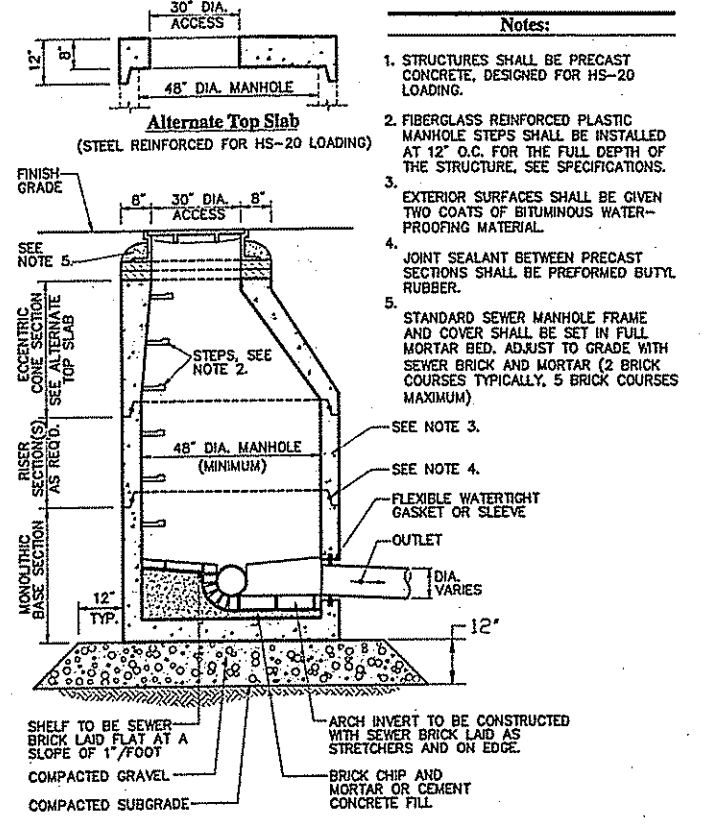
- Notes:**
- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
 - PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
 - JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
 - CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

Catch Basin (CB) 6/08
N.T.S. Source: VHB REV LD_100



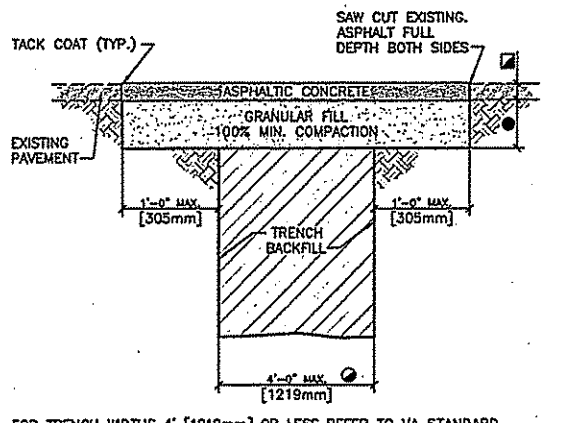
- Notes:**
- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATED WITH PIPE CONFIGURATIONS.
 - COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
 - PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
 - JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
 - DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

Drain Manhole (DMH) 4/11
N.T.S. Source: VHB REV LD_115



- Notes:**
- STRUCTURES SHALL BE PRECAST CONCRETE, DESIGNED FOR HS-20 LOADING.
 - FIBERGLASS REINFORCED PLASTIC MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE. SEE SPECIFICATIONS.
 - EXTERIOR SURFACES SHALL BE GIVEN TWO COATS OF BITUMINOUS WATER-PROOFING MATERIAL.
 - JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
 - STANDARD SEWER MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH SEWER BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

Sanitary Sewer Manhole (SMH) 6/08
N.T.S. Source: VHB REV LD_200



- NOTES:**
- FOR TRENCH WIDTHS 4' (1219mm) OR LESS REFER TO VA STANDARD DETAIL 32 12 18-01 "TYPE 1 UTILITY TRENCH PATCH".
 - 2" (50mm) MINIMUM OR THICKNESS OF EXISTING PAVEMENT WHICHEVER IS GREATER.
 - 4" (100mm) MINIMUM OR THICKNESS OF EXISTING GRANULAR BASE COURSE MATERIALS WHICHEVER IS GREATER.
- REFER TO VA STANDARD DETAIL 32 12 16-04 "UTILITY TRENCH PAVEMENT PATCH NOTES" FOR ADDITIONAL INFORMATION.

- GENERAL NOTES**
- MATERIAL AND COMPACTION REQUIREMENTS FOR PIPE BEDDING/SHADING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE APPLICABLE UTILITY PIPE.
 - TRENCH BACKFILL SHALL COMMENCE 1 FOOT (305mm) ABOVE THE TOP OF PIPE AND SHALL BE PER UTILITY TRENCH DETAIL.
 - BACKFILL COMPACTION REQUIREMENTS SHALL BE PER THE SPECIFICATIONS.
 - THE 1 FOOT (305mm) TRENCH "SHOULDER" AREAS SHALL BE DELETED FOR TYPE 2 TRENCHES.
 - PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
 - ASPHALTIC TACK MATERIAL SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
 - ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.

Type 1 Utility Trench Patch 6/08
N.T.S. Source: VA REV LD_200

TABLE OF DIMENSIONS

BENDS	B	C	D	E	F	BENDS	B	C	D	E	F
6" 11 1/4"	8"	15"	12"	24"	12"	6" 4 1/2"	6"	30"	12"	24"	14"
6" 22 1/2"	-	19"	-	13"	6" 9 1/2"	-	-	30"	-	-	27"
6" 11 1/4"	-	20"	-	12"	6" 4 1/2"	-	-	24"	-	-	24"
6" 22 1/2"	-	22"	-	17"	6" 9 1/2"	-	-	38"	-	-	36"
12" 11 1/4"	-	30"	-	15"	12" 4 1/2"	-	-	40"	-	-	40"
12" 22 1/2"	-	35"	-	25"	12" 9 1/2"	-	-	60"	-	-	52"

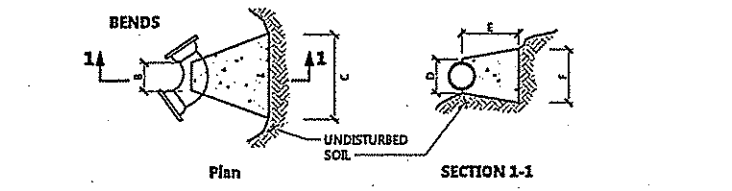


TABLE OF DIMENSIONS

TEES	G	H	I	J	TEES	G	H	I	J
6"X6"X6"	12"	24"	24"	18"	12"X12"X6"	12"	24"	24"	18"
8"X8"X8"	-	-	-	-	12"X12"X8"	-	-	-	24"
6"X8"X8"	-	-	-	-	24"	12"X12"X12"	-	-	36"

- NOTES:**
- PROVIDE BLOCKS FOR TAPPING SLEEVES, DEAD ENDS, GATE VALVES, AND VERTICAL BENDS SAME SIZE AS REQUIRED FOR TEES. PROVIDE ANCHOR RODS AT VERTICAL BENDS AND GATE VALVES.
 - CONCRETE SHALL NOT BE PLACED AGAINST PIPE BEYOND FITTING.
 - CONCRETE SHALL BE 3,000 PSI-TYPE I.

Concrete Thrust Block 1/16
N.T.S. Source: VHB REV LD_250

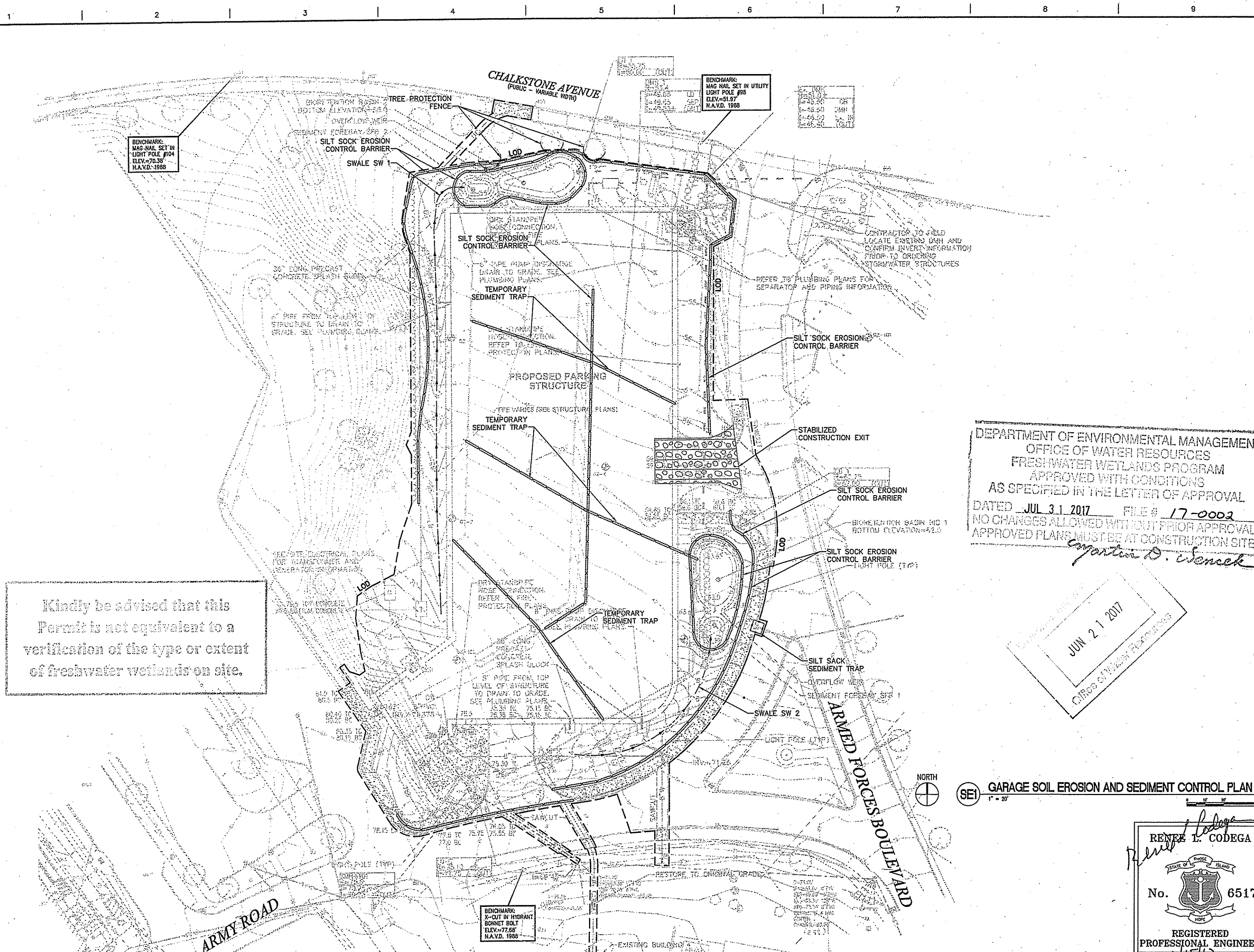
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 31 2017 FILE # 17-0002
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

JUN 21 2017

RENEE CODEGA
No. 6517
REGISTERED PROFESSIONAL ENGINEER

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<p>CONSULTANTS:</p> <p>DESMAN Design Management 19 TREMONT STREET SUITE 300 BOSTON, MASSACHUSETTS 02108 TELEPHONE: 617.778.9892 www.desman.com</p> <p>vhb 1 CEDAR STREET SUITE 400 PROVIDENCE, RHODE ISLAND 02903 TELEPHONE: 401.272.8100 www.vhb.com</p>	<p>KEYPLAN</p>	<p>ARCHITECT + ENGINEERS:</p> <p>Bancroft BANCROFT ARCHITECTS + ENGINEERS 340 Bloomfield Windsor Locks, Connecticut 06097 Telephone: 860.877.3300 www.bancroft-ae.com Bancroft-AE Project No. 14-113</p>	<p>Project Title: PARKING STRUCTURE</p> <p>Project Number: 650-038</p> <p>Building Number:</p> <p>Location: PROVIDENCE, RHODE ISLAND</p> <p>Date: 06-05-2017</p> <p>Checked: FLC</p> <p>Drawn: EOB</p>	<p>Drawing Title: SITE DETAILS 3</p> <p>Approved Project Director:</p> <p>VAPAHOS PLANNING AND ENGINEERING</p>	<p>Drawing Number: C-603</p> <p>Office of Construction and Facilities Management Department of Veterans Affairs</p>
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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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 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JUL 31 2017 FILE # 17-0003
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Martin D. Wencsek

JUN 21 2017
 Office of Water Resources

SEI GARAGE SOIL EROSION AND SEDIMENT CONTROL PLAN 1
 1" = 20'

RENEE L. CODEGA
 No. 6517
 REGISTERED PROFESSIONAL ENGINEER
6/15/17

Office of Construction and Facilities Management
 Department of Veterans Affairs

NO REVISIONS	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-31-2016
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
80% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2016
30% SCHEMATIC DESIGN SUBMISSION	01-08-2016
Revisions	Date

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 Bancroft-AE Project No. 14-113

Drawing Title
GARAGE - SOIL EROSION AND SEDIMENT CONTROL PLAN 1

Approved Project Director
 VAPAHCS PLANNING AND ENGINEERING

Project Title
PARKING STRUCTURE

Location
 PROVIDENCE, RHODE ISLAND

Date
 06-05-2017

Checked
 RLC

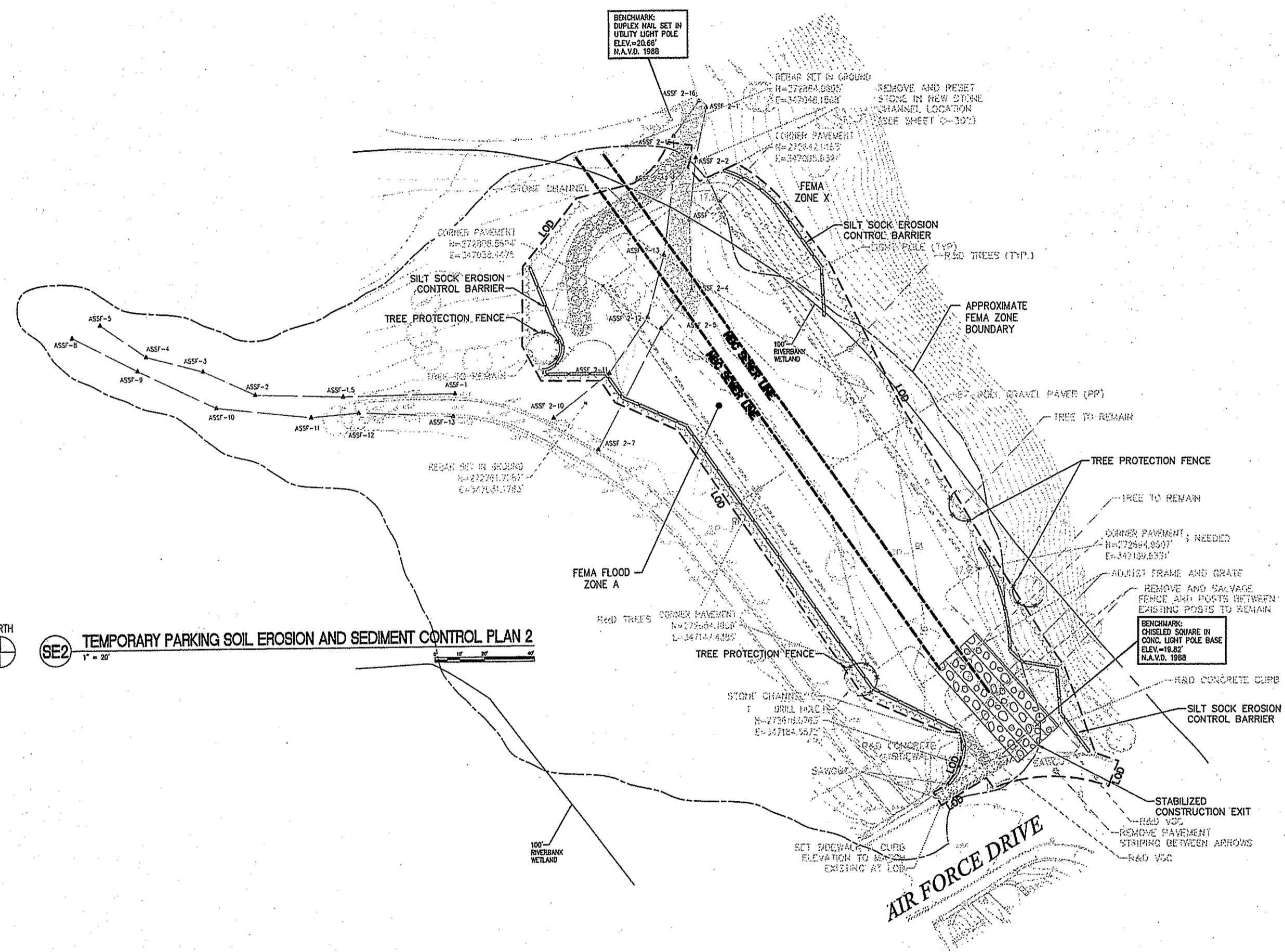
Drawn
 EOB

Project Number
 650-338

Building Number

Drawing Number
SESC-1

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SE2 TEMPORARY PARKING SOIL EROSION AND SEDIMENT CONTROL PLAN 2
1" = 20'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 31 2017 FILE # 17-0002
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Christopher D. Wensch

JUN 21 2017

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

RENEE L. CODEGA
No. 6517
REGISTERED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
Department of Veterans Affairs

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NO REVISIONS	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-01-2018
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2018
80% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2018
60% CONSTRUCTION DOCUMENT SUBMISSION	04-08-2018
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Bancroft-AE Project No. 14-113

Drawing Title
TEMPORARY PARKING - SOIL EROSION AND SEDIMENT CONTROL PLAN 2

Approved Project Director
VAPAHCS PLANNING AND ENGINEERING

Project Title
PARKING STRUCTURE

Location
PROVIDENCE, RHODE ISLAND

Date
06-05-2017

Checked
RLC

Drawn
EOB

Project Number
850-338

Building Number
-

Drawing Number
SESC-2

General

- CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS, LOCAL REQUIREMENTS AND VA REQUIREMENTS.
- ALL DISTURBED AREAS NOT OTHERWISE NOTED ON CONTRACT DOCUMENTS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE VA IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO THE VA.
- THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE RIPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND RIDEM JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A NOTICE OF INTENT WITH THE RIDEM AND PREPARE AND MAINTAIN A SOIL EROSION AND SEDIMENTATION PLAN IN ACCORDANCE WITH THE RIPDES REGULATIONS. CONTRACTOR SHALL CONFIRM THE VA HAS ALSO FILED A NOTICE OF INTENT WITH THE RIDEM.
- STAGING AND STOCKPILE AREAS SHALL NOT BE LOCATED WITHIN ANY WETLAND AND ADJUTING RESOURCE AREA AND SHALL BE LOCATED WITHIN THE LOD.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND INSTALLING THE FOLLOWING ITEMS ON SITE AND REDLINING THE PLAN FOR RECORD KEEPING PURPOSES AS REQUIRED BY THE RIPDES PERMIT:
 - BUILDING MATERIALS STAGING AREAS
 - STOCKPILE AREAS. EROSION CONTROLS SHALL BE PLACED AT THE BASE OF ALL STOCKPILES
 - DESIGNATED WASHOUT AREAS.
 - CONCRETE WASTE SUMPS.
 - DEWATERING STRAW BALE SETTLING BASIN.

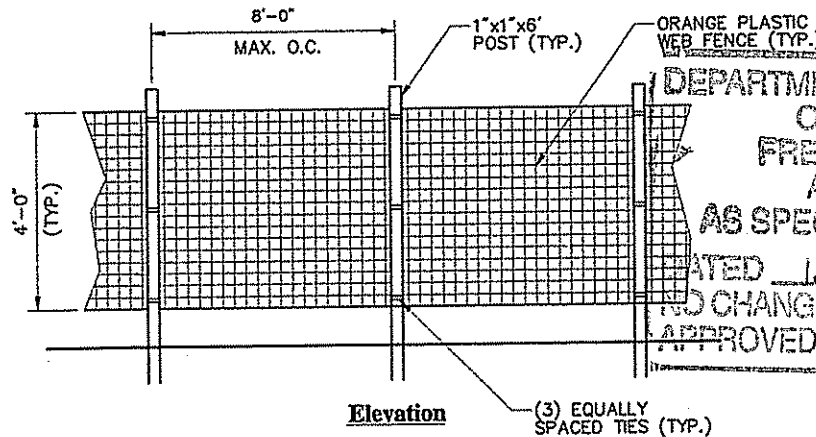
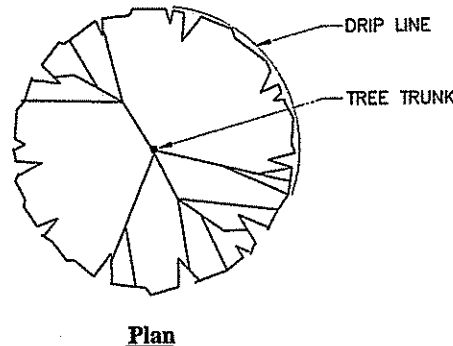
Erosion Control

- PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES DAILY, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
- STABILIZED CONSTRUCTION EXIT. A MINIMUM 1% CROSS SLOPE WILL BE PLACED IN THE ENTRANCE TO DIRECT RUNOFF TO A PROTECTED SETTLING AREA. IF DEEMED NECESSARY AFTER CONSTRUCTION BEGINS, A WASH PAD SHALL BE INCLUDED TO WASH OFF VEHICLE WHEELS BEFORE LEAVING THE PROJECT SITE AT NO ADDITIONAL COST TO THE VA.
- TEMPORARY SEDIMENT BASINS SHALL BE DESIGNED AS EXCAVATIONS OF BERMED STORMWATER DETENTION STRUCTURES THAT WILL RETAIN RUNOFF FOR A SUFFICIENT PERIOD OF TIME TO ALLOW SUSPENDED SOIL PARTICLES TO SETTLE OUT PRIOR TO DISCHARGE. BASINS SHALL BE LOCATED AS DETERMINED BY THE CONTRACTOR BASED ON CONSTRUCTION NEEDS. POINT OF DISCHARGE FROM SEDIMENT BASINS SHALL BE STABILIZED TO MINIMIZE EROSION.
- VEGETATIVE SLOPE STABILIZATION SHALL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. VEGETATIVE SLOPE STABILIZATION SHALL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR STEEPER. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDS, PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER SHALL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH SHALL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.

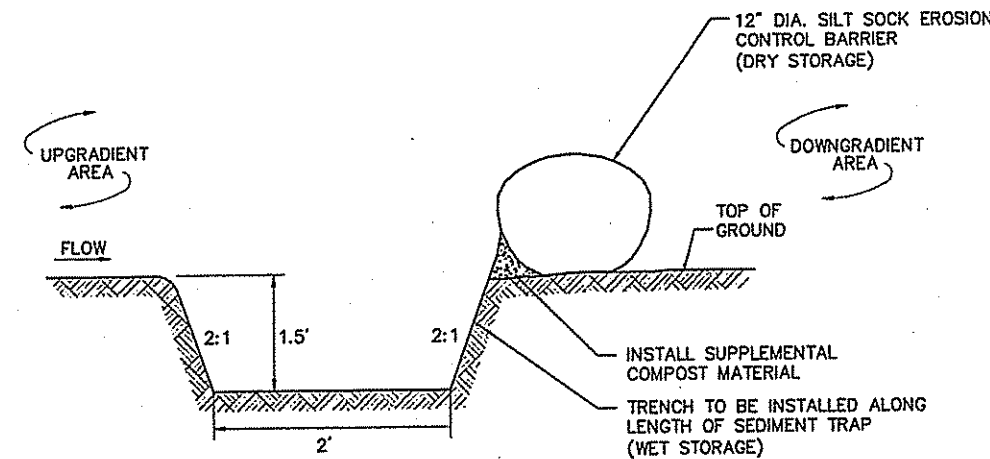
Bioretention Basin Protection During Construction

FOR THE LONG-TERM FUNCTION OF THE BIORETENTION BASIN, CARE MUST BE TAKEN IN THIS AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL EMPLOY THE FOLLOWING MINIMUM BEST MANAGEMENT PRACTICES (BMPs):

- THESE AREAS SHALL NOT BE USED AS CONSTRUCTION SEDIMENTATION SYSTEMS.
- ALL STORMWATER RUNOFF FROM EXPOSED SURFACES SHALL BE DIRECTED AWAY FROM THESE AREAS.
- CONSTRUCTION EQUIPMENT, VEHICULAR, AND STOCKPILING OF CONSTRUCTION AND EARTH MATERIALS SHALL BE OUTSIDE THE LIMITS OF THESE AREAS. THE SUBGRADE BENEATH SHALL NOT BE COMPACTED.
- EXCAVATION FOR CONSTRUCTION OF THESE SYSTEMS SHALL BE PERFORMED MANUALLY OR BY HYDRAULIC EXCAVATOR OR SOME OTHER SIMILAR MEANS TO ENSURE THAT THE EQUIPMENT IS NOT IN DIRECT CONTACT WITH THE NATURAL FILTRATION EARTH MATERIAL AND DOES NOT CAUSE COMPACTION OF THE SUBGRADE.
- THE CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING AROUND THE PERIMETER OF THE SYSTEMS TO PREVENT THE USE OF THESE AREAS FOR ALL ACTIVITIES THAT MIGHT DAMAGE THE INFILTRATION CAPABILITIES. THE FENCING MAY BE REMOVED FOR BACKFILLING AND FINAL CONSTRUCTION.
- THE BIORETENTION BASIN SHALL BE PROTECTED WITH EROSION CONTROLS IMMEDIATELY UPON INSTALLATION TO PREVENT CLOGGING OF FILTER MATERIALS. THESE AREAS SHALL NOT BE USED AS SEDIMENTATION OR DEWATERING BASINS.

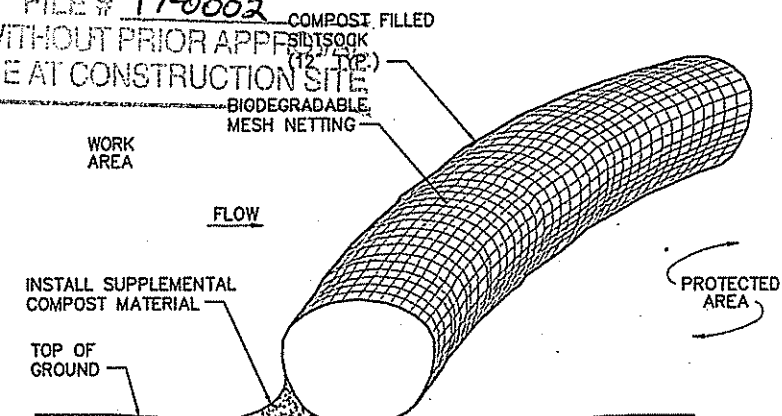


Tree Protection Fence 7/13
N.T.S. Source: VHB LD_610

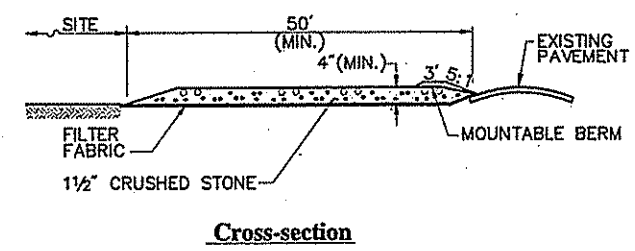
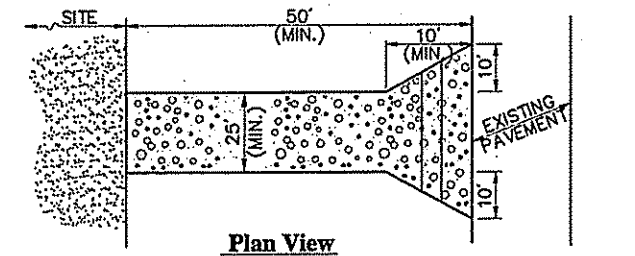


Stabilized Construction Exit 6/08
Source: VHB REV LD_682

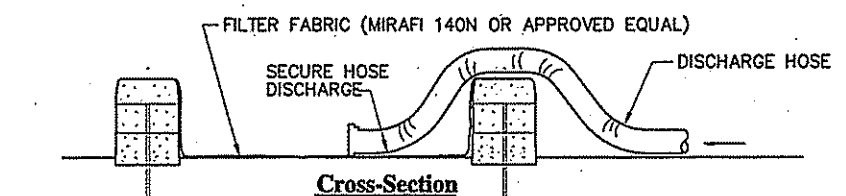
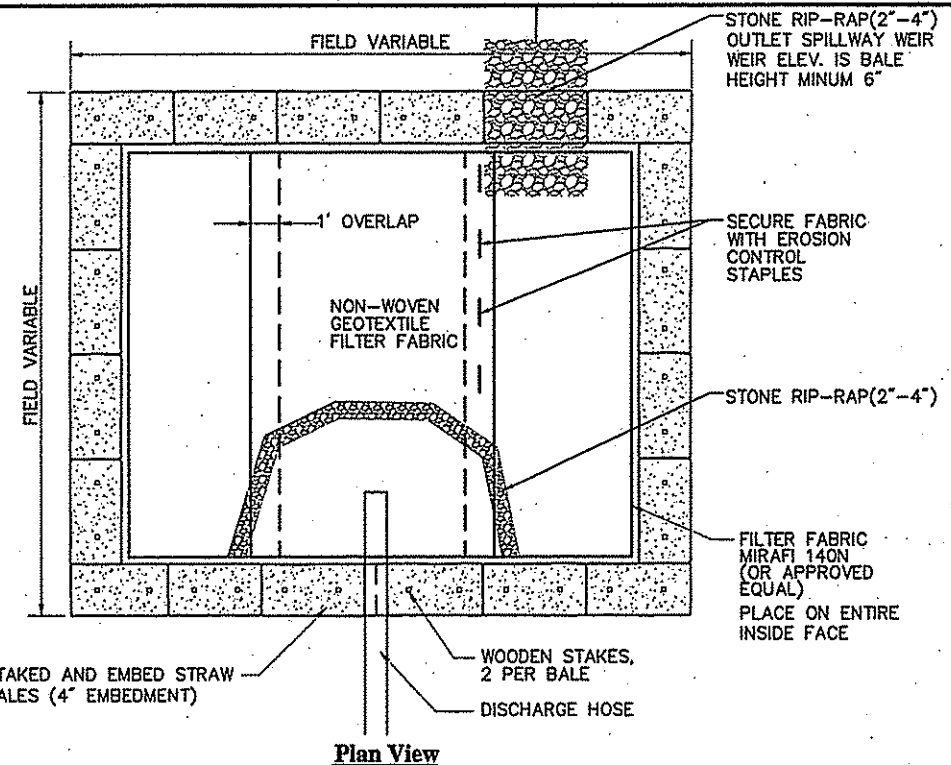
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 31 2017 FILE # 17-0003
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Siltsock - Erosion Control Barrier 8/12
N.T.S. Source: VHB LD_658

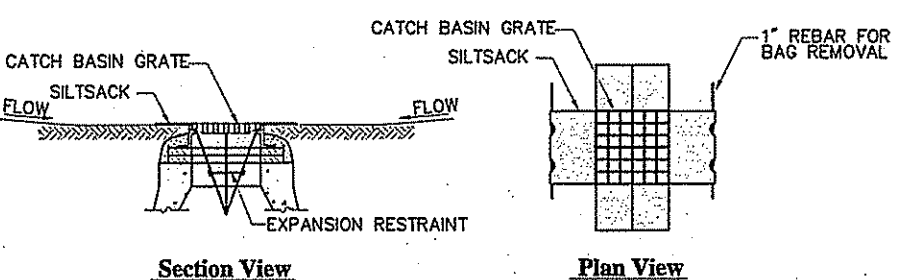


- Notes:**
- ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
 - STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.



- Notes:**
- BASIN SHALL PROVIDE A MINIMUM RETENTION TIME OF 2 HOURS BASED ON THE PUMP DISCHARGE RATE.
 - AVAILABLE VOLUME IS FROM FLOOR OF BASIN TO WEIR ELEVATION.

Dewatering Straw Bale Settling Basin 2/11
N.T.S. Source: VHB REV LD_690



- Notes:**
- INSTALL SILTSACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND HAY BALES HAVE BEEN REMOVED.
 - GRATE SHALL BE PLACED OVER SILTSACK.
 - SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED

Siltsock Sediment Trap 6/08
N.T.S. Source: VHB

- Notes:**
- SILTSOCK SHALL BE FILTREXX SILTSOCKX, OR APPROVED EQUAL.
 - SILTSOCKS SHALL OVERLAP A MINIMUM OF 12 INCHES.
 - SILTSOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
 - COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
 - IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.

RENEE L. CODEGA
No. 6517
REGISTERED PROFESSIONAL ENGINEER
JUN 21 2017

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NO REVISIONS	DATE
100% CONSTRUCTION DOCUMENT SUBMITTAL	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMISSION	10-31-2016
80% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	04-06-2016
30% SCHEMATIC DESIGN SUBMISSION	01-08-2016

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KEYPLAN

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www.bancroft-ae.com
Bancroft-AE Project No. 14113

Drawing Title
SOIL EROSION AND SEDIMENT CONTROL PLAN 3

Approved Project Director
VAPAHCs PLANNING AND ENGINEERING

Project Title
PARKING STRUCTURE

Location
PROVIDENCE, RHODE ISLAND

Date
09-05-2017

Checked
RLC

Drawn
EOB

Project Number
650-938

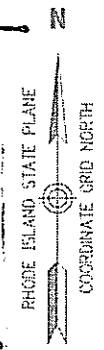
Building Number
-

Drawing Number
SESC-3

Office of Construction and Facilities Management
Department of Veterans Affairs

Stephen D. Wensek

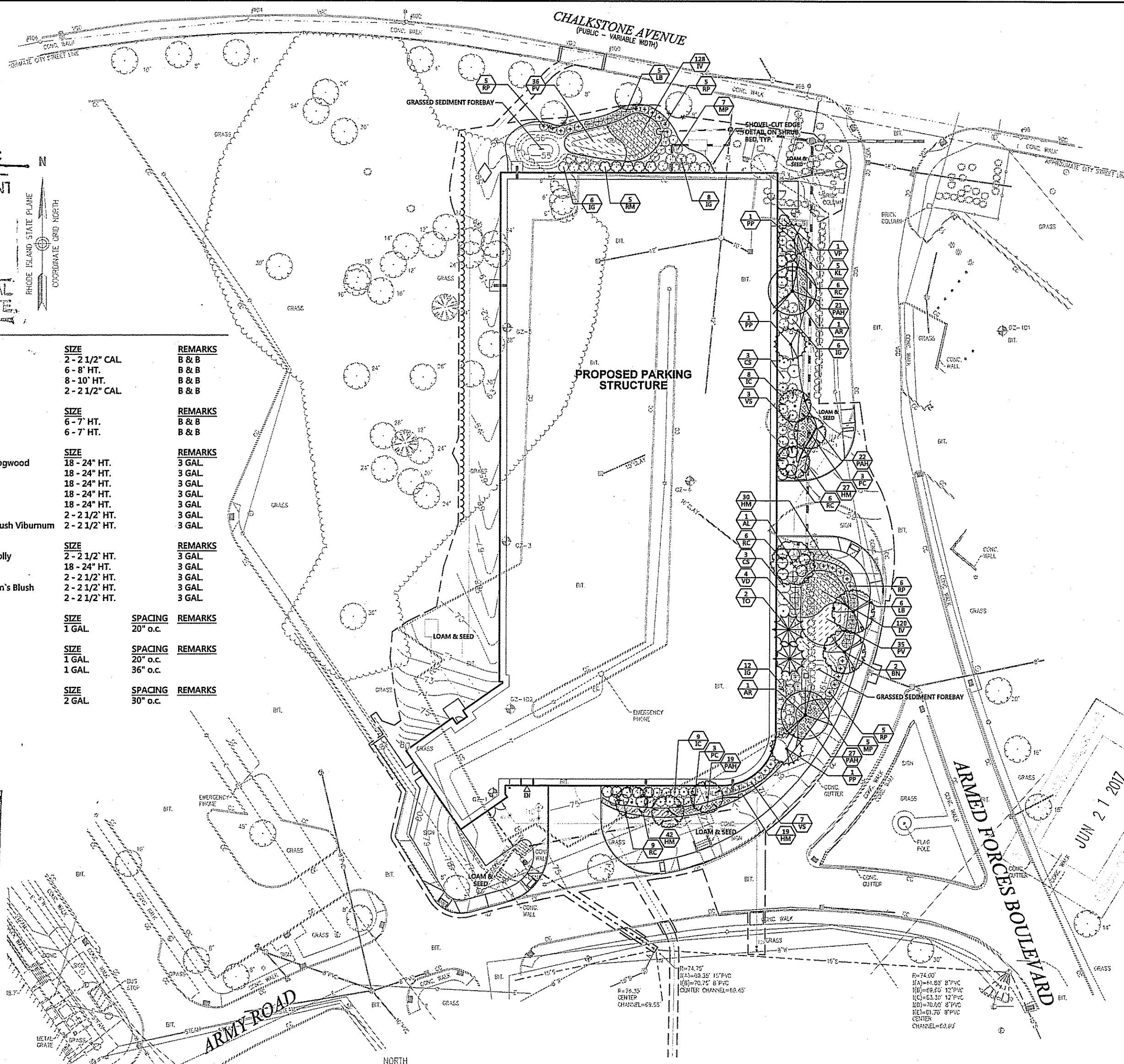
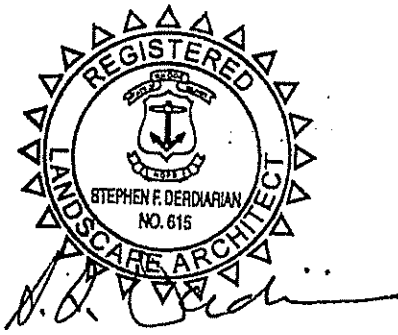
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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SCHEDULE

US TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	
	2	Acer rubrum 'Sunset'	Sunset Red Maple	2 - 2 1/2" CAL.	B & B	
	1	Amelanchier laevis - clump	Allegheny Serviceberry	6 - 8' HT.	B & B	
	2	Betula nigra - clump	River Birch	8 - 10' HT.	B & B	
	6	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	2 - 2 1/2" CAL.	B & B	
EN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	
	3	Picea pungens	Colorado Blue Spruce	6 - 7' HT.	B & B	
	2	Thuja occidentalis 'Elegantissima'	Elegant Arborvitae	6 - 7' HT.	B & B	
EN SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	
	6	Cornus sericea 'Silver and Gold'	Redosier Silver and Gold Dogwood	18 - 24" HT.	3 GAL	
	11	Lindera benzoin	Spicebush	18 - 24" HT.	3 GAL	
	12	Myrica pensylvanica	Northern Bayberry	18 - 24" HT.	3 GAL	
	21	Rosa palustris	Swamp Rose	18 - 24" HT.	3 GAL	
	4	Viburnum dentatum	Arrowwood Viburnum	18 - 24" HT.	3 GAL	
	1	Viburnum plicatum f. tomentosum 'Maries Doublefile'	Doublefile Viburnum	2 - 2 1/2' HT.	3 GAL	
	10	Viburnum trilobum 'Bailey Compact'	Bailey Compact Cranberrybush Viburnum	2 - 2 1/2' HT.	3 GAL	
EN SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	
	17	Ilex crenata 'Convexa'	Convex-leaved Japanese Holly	2 - 2 1/2' HT.	3 GAL	
	32	Ilex glabra 'Shamrock'	Shamrock Inkberry	18 - 24" HT.	3 GAL	
	5	Kalmia latifolia	Mountain Laurel	2 - 2 1/2' HT.	3 GAL	
	27	Rhododendron azalea 'Cunningham's Blush'	Rhododendron Cunningham's Blush	2 - 2 1/2' HT.	3 GAL	
	5	Rhododendron maximum	Rose Bay	2 - 2 1/2' HT.	3 GAL	
COVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
	118	Hemerocallis x 'Happy Returns'	Happy Returns Daylily	1 GAL	20" o.c.	
ITION PLANTS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
	248	Iris versicolor	Blue Flag Iris	1 GAL	20" o.c.	
	71	Panicum virgatum	Switch Grass	1 GAL	36" o.c.	
NTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
	89	Pennisetum alopecuroides 'Hameln'	Hameln Fountain Grass	2 GAL	30" o.c.	

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



101 PLANTING PLAN
 1" = 20'

CONSULTANTS: 18 TREMONT STREET SUITE 300 BOSTON, MASSACHUSETTS 02108 TELEPHONE: 617.778.8882 www.desman.com 1 CEDAR STREET SUITE 400 PROVIDENCE, RHODE ISLAND 02903 TELEPHONE: 401.272.8100 www.vhb.com	KEYPLAN 	ARCHITECT + ENGINEERS: BANCROFT ARCHITECTS + ENGINEERS 340 Bloomfield Windsor Locks, Connecticut 06096 Telephone: 860.697.6368 www.bancroft-ae.com Bancroft-AE Project No. 14-113	Drawing Title: PLANTING PLAN Approved Project Director: VAPAHCS PLANNING AND ENGINEERING	Project Title: PARKING STRUCTURE Location: PROVIDENCE, RHODE ISLAND Date: 10-31-2016 Checked: FLC Drawn: EOB	Project Number: 650-336 Building Number: - Drawing Number: LA-101
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BIORETENTION BASIN - CONSTRUCTION NOTES

- BIORETENTION BASIN SHALL NOT BE PLACED ON-LINE UNTIL THE ENTIRE CONTRIBUTING BIORETENTION AREA HAS BEEN STABILIZED. THE BIORETENTION BASIN AREA SHALL BE PROTECTED FROM SEDIMENT LADEN RUNOFF.
- THE BIORETENTION BASIN SHALL CONTAIN A PLANTING SOIL OF SANDY LOAM, LOAMY SAND, LOAM (USDA) OR A LOAM/SAND MIX WITH THE FOLLOWING COMPOSITION:
 - SAND 80-85% BY VOLUME
 - CLAY < 2%
 - SILT 0-12%
 - ORGANIC MATTER 3-5%
 SOIL SHALL BE FREE FROM STONES OVER 2" DIAMETER, STUMPS, ROOTS OR OTHER DEBRIS. PLANTING SOIL SHALL CONFORM TO THE FOLLOWINGS: pH RANGE-5.5 TO 6.5; MAGNESIUM SOLUBLE SALTS - LESS THAN 500 PPM. PROVIDE SOIL TEST RESULTS TO CONFIRM SOIL COMPLIANCE TO THE ABOVE CRITERIA.
- AUGMENT PLANTING SOIL TO 30 - 45% COMPOST. COMPOST SHALL BE PROCESSED YARD WASTE OR AGED LEAVES. COMPOST SHALL NOT CONTAIN BIOSOLIDS.
- PROVIDE A 3" DEEP LAYER OF AGED (6 MOS. MIN), COMPOSTED, SHREDDED PINE MULCH OVER SOIL SURFACE.
- SAND SHALL CONFORM TO ASTM D 422, AND BE FREE OF DELETERIOUS MATERIAL.
- TOPSOIL SHALL CONSIST OF TOPSOIL FROM ON SITE STOCKPILE, OR LOAM BORROW, WITH SOIL AMENDMENTS ADDED TO MEET THE ABOVE SPECIFICATION.
- PLANTING SOIL SHALL BE PLACED IN LIFTS OF LESS THAN 12 INCHES AND LIGHTLY COMPACTED (MINIMUM COMPACTIVE EFFORT) BY TAMPING OR ROLLING WITH A HAND-OPERATED LANDSCAPE ROLLER. HEAVY EQUIPMENT SHALL BE RESTRICTED FROM TRAVELING OVER THE BIORETENTION AREA.
- SEE GRADING, DRAINAGE, AND EROSION CONTROL PLAN FOR DIMENSIONS, ELEVATIONS, PIPE MATERIALS AND SIZES, LOCATIONS AND INVERTS OF BIORETENTION BASIN AND BIORETENTION AREA ELEMENTS.

Planting Notes

- ALL PROPOSED PLANTING LOCATIONS SHALL BE STAKED AS SHOWN ON THE PLANS FOR FIELD REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL BELOW GRADE AND ABOVE GROUND UTILITIES AND NOTIFY OWNERS REPRESENTATIVE OF CONFLICTS.
- NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY CONFLICT.
- A 3-INCH DEEP MULCH PER SPECIFICATION SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS, AND IN ALL PLANTING BEDS, UNLESS OTHERWISE INDICATED ON THE PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
- ALL TREES SHALL BE BALLED AND BURLAPPED, UNLESS OTHERWISE NOTED IN THE DRAWINGS OR SPECIFICATION, OR APPROVED BY THE OWNER'S REPRESENTATIVE.
- FINAL QUANTITY FOR EACH PLANT TYPE SHALL BE AS GRAPHICALLY SHOWN ON THE PLAN. THIS NUMBER SHALL TAKE PRECEDENCE IN CASE OF ANY DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND ON THE PLAN. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLANT LIST AND PLANT LABELS PRIOR TO BIDDING.
- ANY PROPOSED PLANT SUBSTITUTIONS WILL BE REVIEWED BY LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER'S REPRESENTATIVE.
- ALL PLANT MATERIALS INSTALLED SHALL MEET THE SPECIFICATIONS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND CONTRACT DOCUMENTS.
- ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
- AREAS DESIGNATED "LOAM & SEED" SHALL RECEIVE MINIMUM 4" OF LOAM AND SPECIFIED SEED MIX. LAWNS OVER 2:1 SLOPE SHALL BE PROTECTED WITH EROSION CONTROL FABRIC.
- ALL DISTURBED AREAS NOT OTHERWISE NOTED ON CONTRACT DOCUMENTS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
- THIS PLAN IS INTENDED FOR PLANTING PURPOSES. REFER TO SITE / CIVIL DRAWINGS FOR ALL OTHER SITE CONSTRUCTION INFORMATION.

Edge of Woods Clearing

- EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH TEMPORARY EROSION CONTROL FENCE AND EROSION CONTROL BARRIER. ERECT BARRIERS AT EDGE OF THE EARTHWORK CUT LINE PRIOR TO TREE CLEARING. LAY OUT THIS LINE BY FIELD SURVEY. REFER TO SOIL EROSION AND SEDIMENT CONTROL PLANS FOR LOCATIONS OF TREE PROTECTION.

Tree Protection

- EXISTING TREES TO REMAIN SHALL BE PROTECTED WITH TEMPORARY CONSTRUCTION FENCE. ERECT FENCE AT EDGE OF THE TREE DRIPLINE PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL NOT OPERATE VEHICLES WITHIN OR BEYOND THE TREE PROTECTION FENCE. CONTRACTOR SHALL NOT STORE VEHICLES OR MATERIALS, OR DISPOSE OF ANY WASTE MATERIALS WITHIN THIS AREA.
- DAMAGE TO EXISTING TREES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY A CERTIFIED ARBORIST AT THE CONTRACTOR'S EXPENSE.
- REFER TO THE SOIL EROSION AND SEDIMENT CONTROL PLANS FOR LOCATIONS OF TREE PROTECTION.

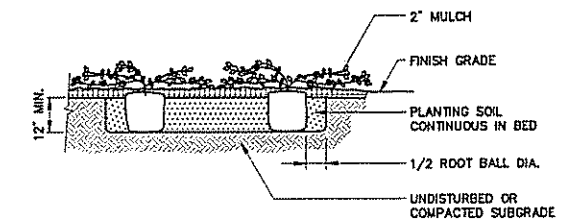
Plant Maintenance Notes

- CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE LAWN AND PLANTINGS. NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW LAWNS AND PLANTINGS DURING THE ONE YEAR PLANT GUARANTEE PERIOD.
- CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE LANDSCAPE MAINTENANCE WORK. WATER SHALL BE PROVIDED BY THE CONTRACTOR.
- WATERING SHALL BE REQUIRED DURING THE GROWING SEASON WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.
- WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.
- CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE FACILITY MAINTENANCE STAFF AT THAT TIME.

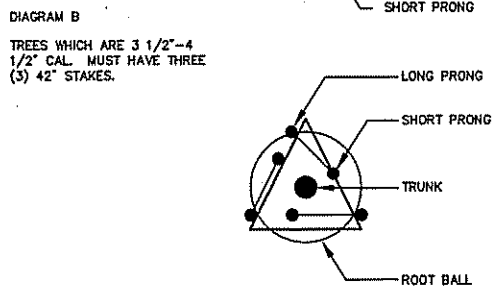
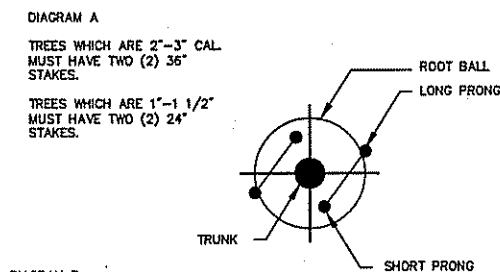
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James D. Wenczek

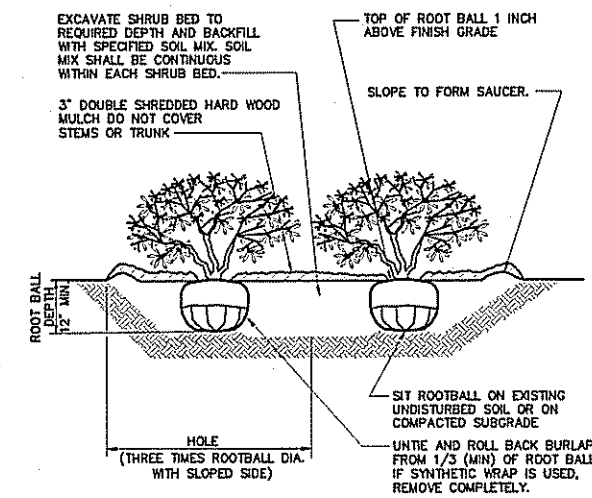
PLANT SPACING ("A")	ROW SPACING ("B")
8 IN. O.C.	5 IN. O.C.
8 IN. O.C.	7 IN. O.C.
10 IN. O.C.	8-1/2 IN. O.C.
12 IN. O.C.	10-1/2 IN. O.C.
15 IN. O.C.	13 IN. O.C.
18 IN. O.C.	16 IN. O.C.
24 IN. O.C.	21 IN. O.C.



Ground Cover Planting 11/09
N.T.S. Source: VHB LD_615



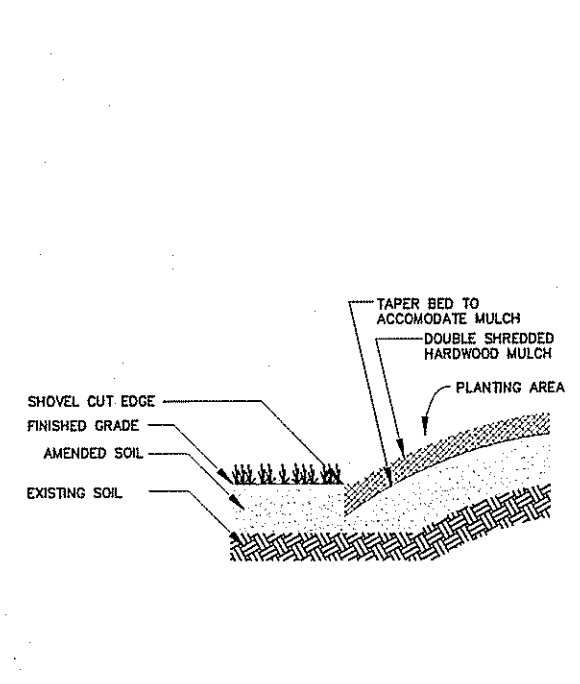
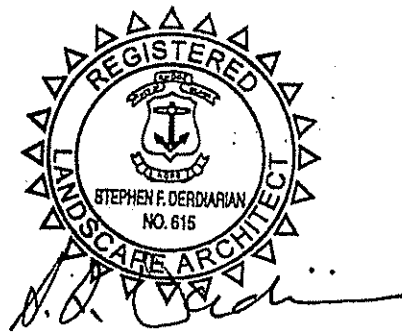
Below-Grade Tree Stabilizing System Detail 11/12
N.T.S. Source: VHB



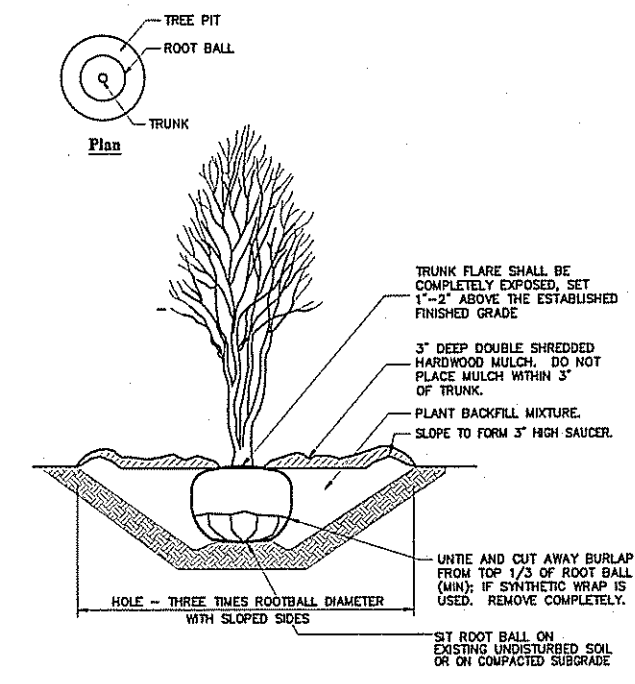
- Notes:**
- LOOSEN ROOTS AT THE OUTER EDGE OF ROOTBALL OF CONTAINER GROWN SHRUBS.

Shrub Bed Planting 6/09
N.T.S. Source: VHB LD_604

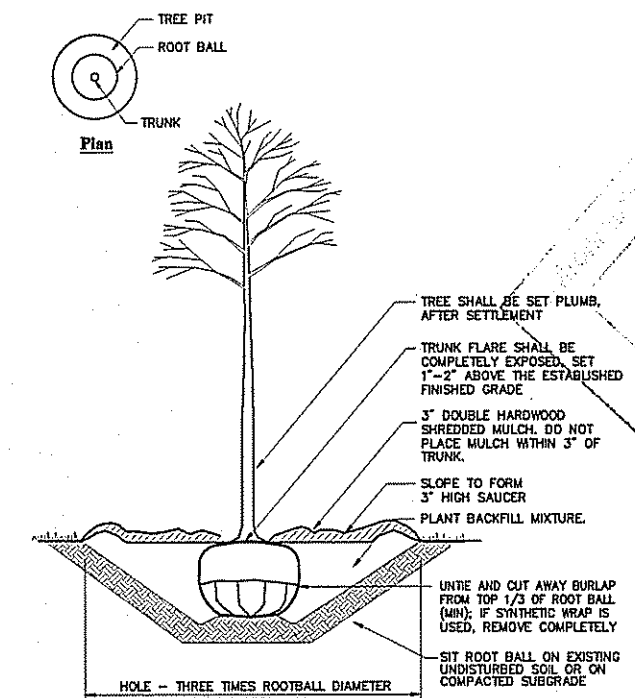
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



Shovel Cut Edging Detail 7/15
N.T.S. Source: VHB REV



Multistem Tree Planting 1/10
N.T.S. Source: VHB



Tree Planting 1/10
N.T.S. Source: VHB LD_602

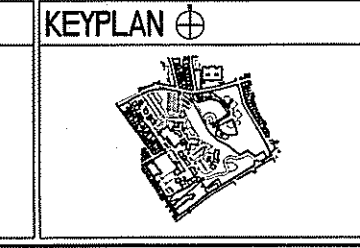
102 PLANTING NOTES AND DETAILS

NO REVISIONS	06-15-2017
100% CONSTRUCTION DOCUMENT SUBMITTAL	10-31-2016
100% CONSTRUCTION DOCUMENT SUBMISSION	10-21-2016
60% CONSTRUCTION DOCUMENT SUBMISSION	08-24-2016
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REVISED	Date

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vhb
1 CEDAR STREET SUITE 400 PROVIDENCE, RHODE ISLAND 02903
TELEPHONE: 401.272.8100 www.vhb.com



ARCHITECT + ENGINEERS:

Bancroft
BANCROFT ARCHITECTS + ENGINEERS
330 Bloomfield Windsor Locks, Connecticut 06096
Telephone: 860.977.6368
www.bancroft-ae.com Bancroft-AE Project No. 14-113

Drawing Title: PLANTING NOTES AND DETAILS

Approved Project Director: VAPAHCS PLANNING AND ENGINEERING

Project Title: PARKING STRUCTURE

Location: PROVIDENCE, RHODE ISLAND

Date: 10-31-2016

Checked: FLC **Drawn:** EOB

Project Number: 650-038
Building Number: -
Drawing Number: LA-102

Office of Construction and Facilities Management
Department of Veterans Affairs

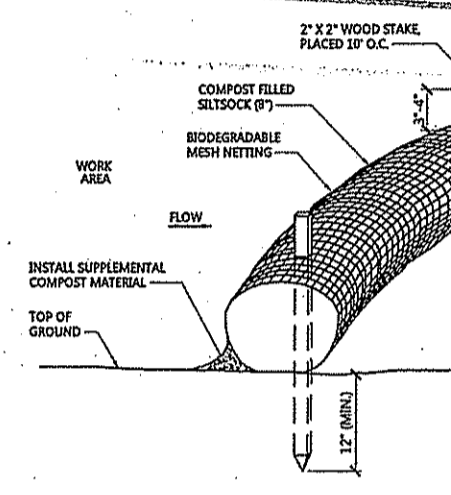
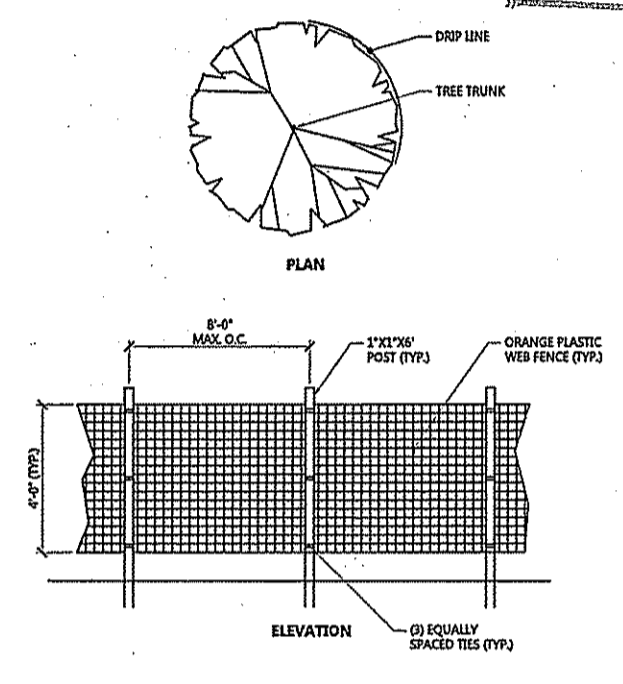
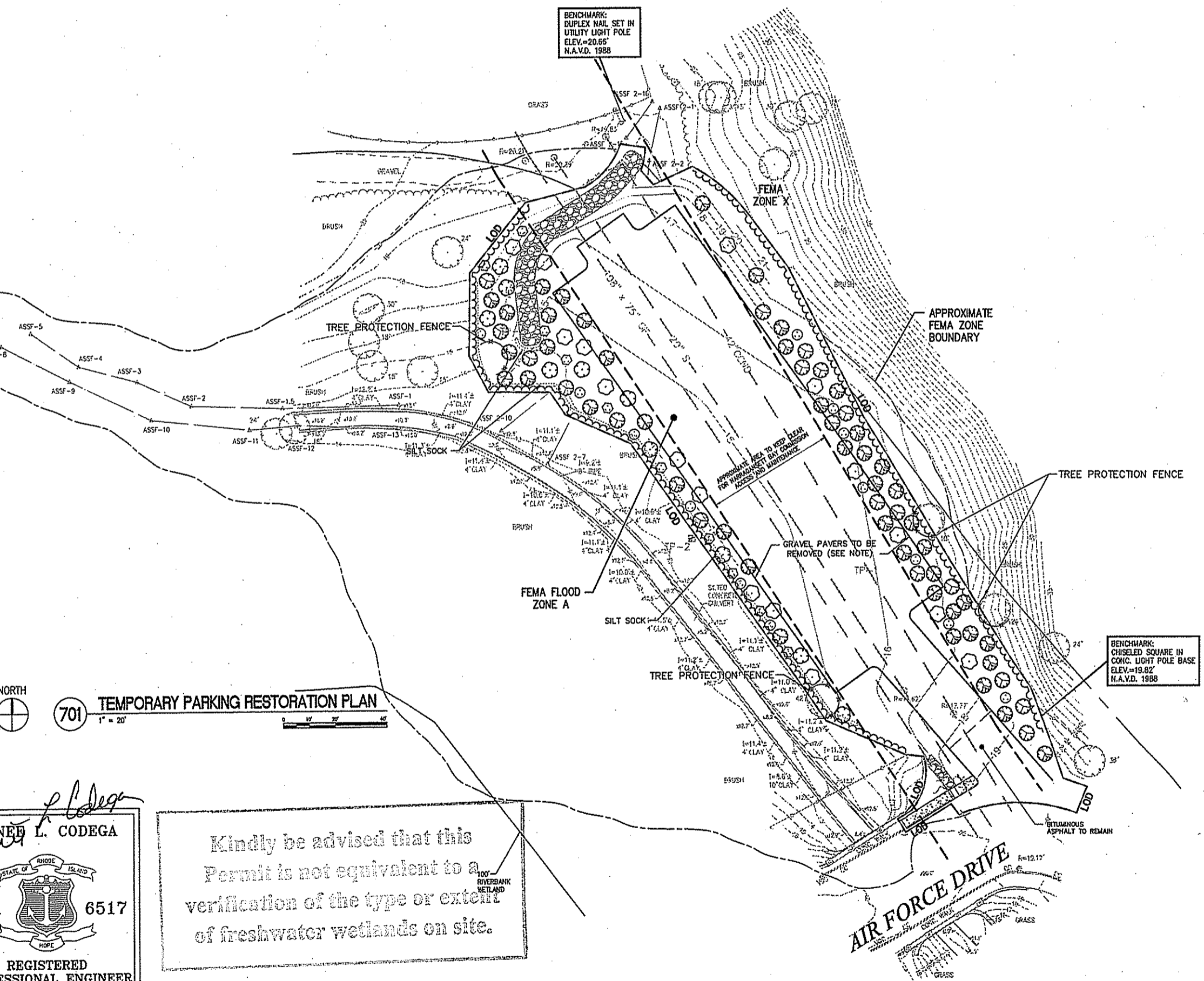
PLANT SCHEDULE

RESTORATION	QTY	BOTANICAL NAME	COMMON NAME	SIZE	NOTE
	24	Acer rubrum	Red Maple	1 1/2" - 2" CAL.	
	10	Liriodendron tulipifera	Yellow Poplar	1 1/2" - 2" CAL.	
	16	Prunus serotina	Wild Black Cherry	1 1/2" - 2" CAL.	
	39	Quercus rubra	Red Oak	1 1/2" - 2" CAL.	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	NOTE
	39	Aronia arbutifolia	Red Chokeberry	2 - 3' HT.	PLANT IN CLUSTERS OF THREE
	30	Cornus racemosa	Gray Dogwood	2 - 3' HT.	PLANT IN CLUSTERS OF THREE

RESTORATION AND PLANTING NOTES:

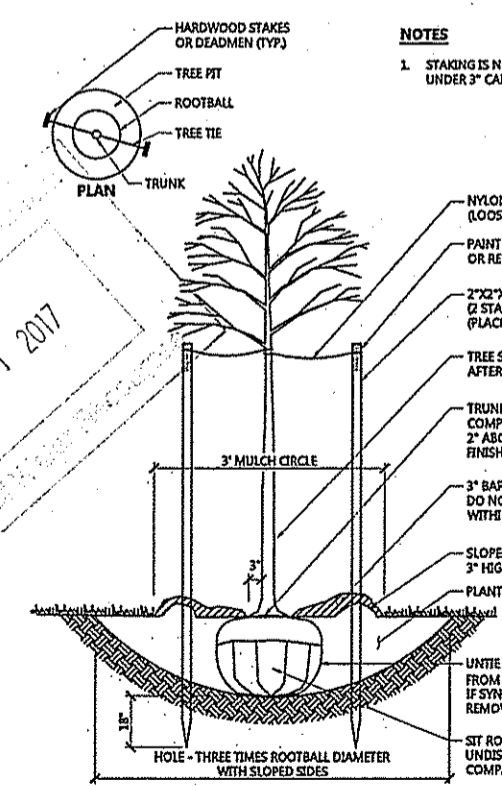
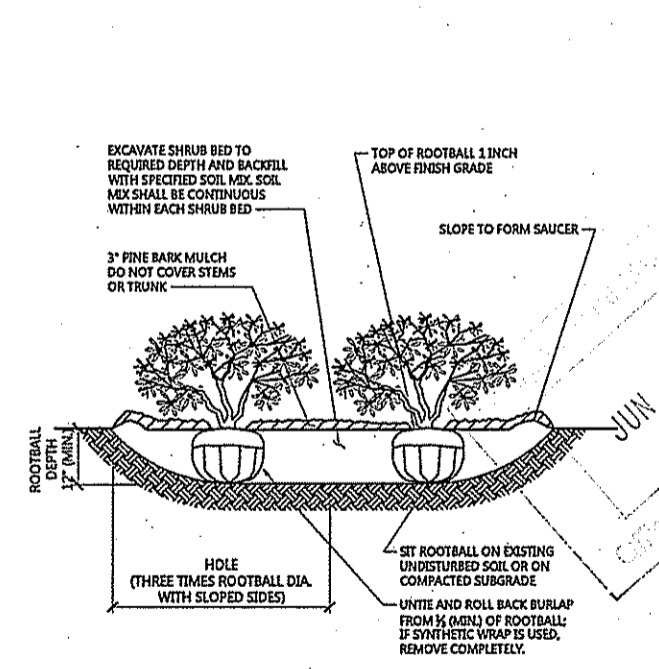
1. THE PARKING RESTORATION WORK SHOWN ON THIS SHEET IS TO BE COMPLETED AFTER THE NEED FOR ADDITIONAL PARKING ON THE VA CAMPUS CEASES. THE PARKING RESTORATION WORK SHALL BE RELEASED UNDER A SEPARATE CONTRACT AND ALL WORK ON THIS SHEET IS BY OTHERS. THE BIDS SHALL NOT INCLUDE ANY COSTS FOR THIS RESTORATION WORK AS THE WORK WILL BE SOLICITED AS A SEPARATE REQUIREMENT AT A LATER DATE.
2. ONCE THE TEMPORARY PARKING LOT IS NOT NEEDED, RESTORE AND PLANT THE AREA AS SHOWN ON THIS PLAN.
3. INSTALL SILT SOCK SEDIMENT TUBES AS SHOWN ON THE PLANS PRIOR TO THE START OF ANY RESTORATION ACTIVITY.
4. REMOVE AND DISPOSE OF THE EZ-PAVER SYSTEM, ALL PEA STONE WITHIN THE PAVER SYSTEM AND SUFFICIENT MATERIAL BELOW TO ALLOW FOR A MINIMUM OF 4 INCHES OF TOPSOIL (LOAM) TO BE INSTALLED WITHOUT RAISING THE FINISHED GRADES ABOVE THE EXISTING EZ-PAVE ELEVATIONS WITHIN THIS AREA. THIS AREA IS WITHIN A 100-YEAR FLOOD ZONE, THEREFORE, FILL WITHIN THIS AREA IS NOT ALLOWED.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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 DATED JUL 31 2017 FILE # 17-00
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Tree Protection Fence 1/16 LD_610
 N.T.S. Source: VHB

Siltsock - Erosion Control Barrier 1/16 LD_610
 N.T.S. Source: VHB



Shrub Bed Planting 1/16 LD_601
 N.T.S. Source: VHB

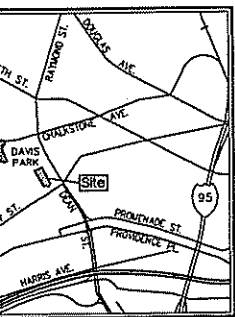
Tree Planting (For Trees Under 4 inch Caliper) 1/16 LD_601
 N.T.S. Source: VHB

701 TEMPORARY PARKING RESTORATION PLAN
 1" = 20'

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

NEE L. CODEGA
 6517
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANTS: DESMAN Design Management 19 TREMONT STREET SUITE 300 BOSTON, MASSACHUSETTS 02108 TELEPHONE: 617.778.9882 www.desman.com	KEYPLAN 	ARCHITECT + ENGINEERS: Bancroft BANCROFT ARCHITECTS + ENGINEERS 369 Bloomfield Windsor Locks, Connecticut 06096 Telephone: 860.877.6369 www.bancroft-ae.com Bancroft-AE Project No. 14-1113	Drawing Title TEMPORARY PARKING - RESTORATION PLAN	Project Title [Blank]	Project Number [Blank]
			Approved Project Director [Blank]	Location [Blank]	Building Number [Blank]
Date [Blank] Checked [Blank] Drawn [Blank]			VAPACUS PLANNING AND ENGINEERING	Drawing Number C-701	[Blank]



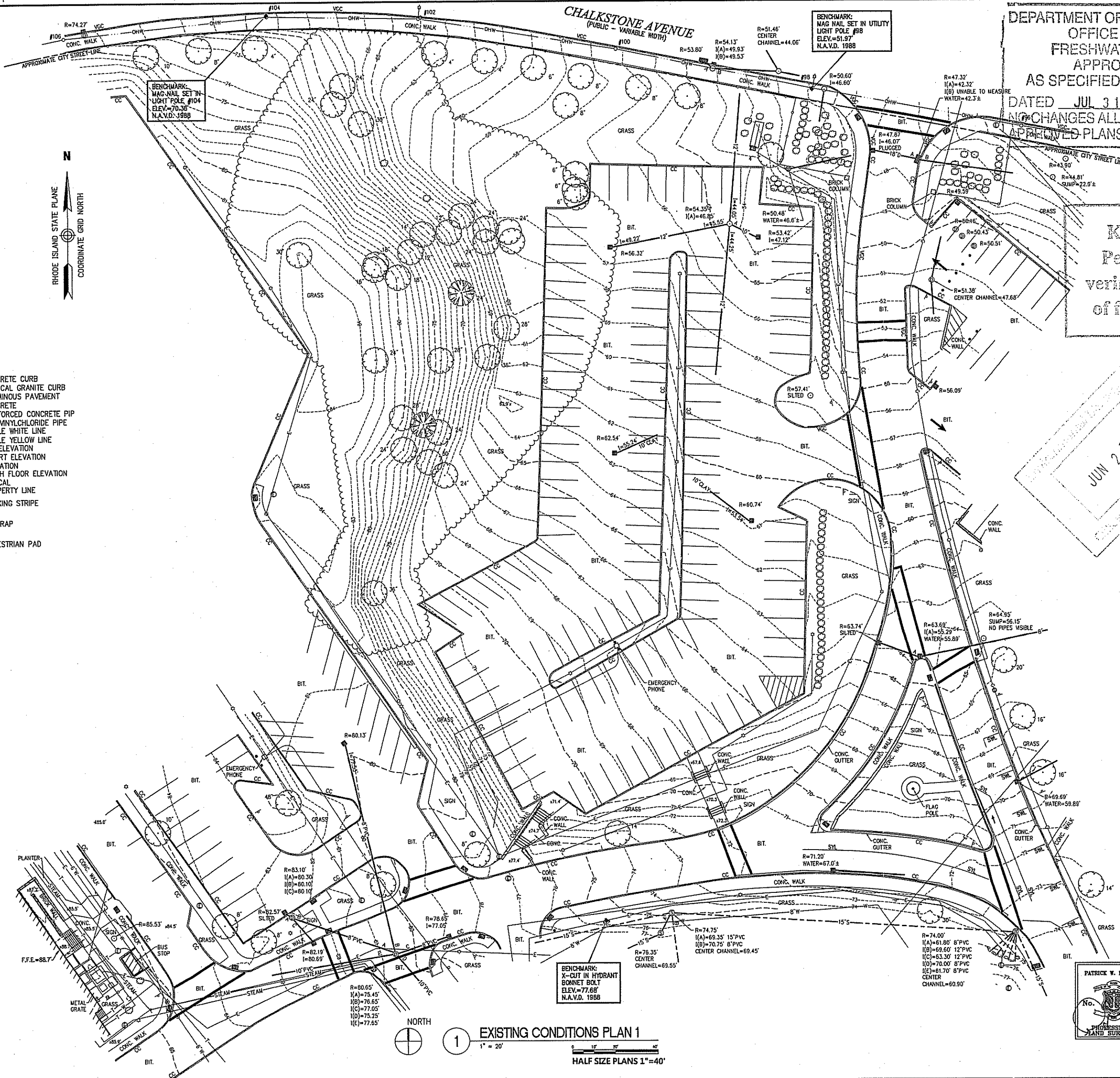
Locus Map
(NOT TO SCALE)



N
RHODE ISLAND STATE PLANE
COORDINATE GRID NORTH

LEGEND

- CATCH BASIN
 - CATCH BASIN
 - FLARED END SECTION
 - RD ● DOWNSPOUT
 - ⊙ DRAIN MANHOLE
 - ⊙ SEWER MANHOLE
 - ⊙ ELECTRIC MANHOLE
 - ⊙ TELEPHONE MANHOLE
 - ⊙ MANHOLE
 - ⊙ SIGNAL MANHOLE
 - ⊙ WATER MANHOLE
 - ⊙ WATER GATE
 - ⊙ SIAMESE CONNECTION
 - ⊙ FIRE HYDRANT
 - ⊙ GAS GATE
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 - ⊙ LIGHT POLE
 - ⊙ UTILITY POLE
 - ⊙ UTILITY POLE W/LIGHT
 - ⊙ GUY WIRE
 - ⊙ BOLLARD/POST
 - ⊙ BORING
 - TP-1 ⊙ TESTPIT
 - 1-100 Δ WETLAND FLAG
 - 100.0 x ⊙ SPOT ELEVATION
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 - ⊙ GAS METER
 - ⊙ EDGE OF PAVEMENT
 - ⊙ EDGE OF GRAVEL
 - ⊙ BUILDING OVERHANG
 - ⊙ CURB
 - ⊙ STEEL GUARD RAIL
 - ⊙ CHAIN LINK FENCE
 - ⊙ UNDERGROUND DRAINAGE LINE
 - ⊙ UNDERGROUND SEWER LINE
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 - ⊙ CITY/TOWN LAYOUT LINE
 - ⊙ SHRUBS
 - ⊙ DECIDUOUS TREE
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- CC CONCRETE CURB
 - VGC VERTICAL GRANITE CURB
 - BIT. BITUMINOUS PAVEMENT
 - CONC. CONCRETE
 - RCP REINFORCED CONCRETE PIP
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 - SWL SINGLE WHITE LINE
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 - ▨ RIP-RAP
 - ▨ PEDESTRIAN PAD

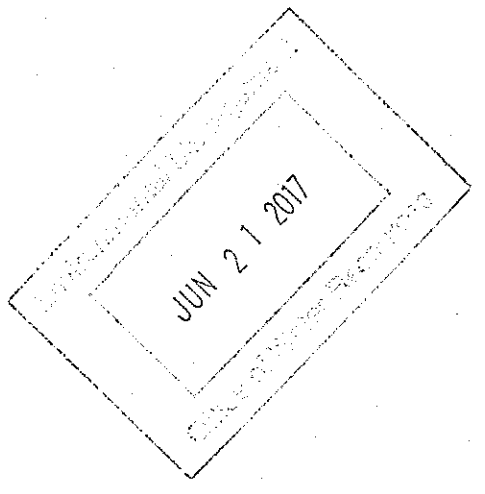


1 NORTH
1 EXISTING CONDITIONS PLAN 1
1" = 20'
HALF SIZE PLANS 1" = 40'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL

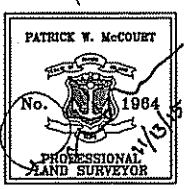
DATED JUL 31 2017 FILE # 17-00
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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



GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON N.A.V.D.
2. THE EXISTING CONDITIONS SHOWN ON THIS PLAN WERE LOCATED BY A FIELD SURVEY, CONDUCTED BY VANASSE HANGEN BRUSTLIN, INC. BETWEEN 30, 2015 AND NOVEMBER 13, 2015.
3. THE PARCEL IS WITHIN ZONE-X; AREA TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD AS SHOWN ON FIRM; THE FLOOD INSURANCE RATE MAP FOR THE CITY OF PROVIDENCE, RHODE ISLAND, PROVIDENCE COUNTY, COMMUNITY PANEL 03084, PANEL 30B OF 451, MAP REVISED 2015.
4. THE UNDERGROUND UTILITIES SHOWN HEREIN ARE LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA. THE SURVEYOR DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION AND DEPTH. THE SURVEYOR HAS NOT PHYSICALLY LOCATED UNDERGROUND UTILITIES.
5. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE SURVEYOR. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



THIS TOPOGRAPHIC SURVEY AND PLAN CONFORM WITH THE CLASS III STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS, AND AS SUCH DOES NOT REPRESENT THE SURVEYOR'S BOUNDARY LINE OR OWNERSHIP.

PATRICK W. MCCOURT, P.L.S. #1984
VANASSE HANGEN BRUSTLIN, INC.

CONTRACT NO. VA241-15-

CONSULTANTS:

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www.desman.com

vhb
1 CEDAR STREET
SUITE 400
PROVIDENCE, RHODE ISLAND 02903
TELEPHONE: 401.272.8100
www.vhb.com

KEYPLAN



ARCHITECT + ENGINEERS:

Bancroft
BANCROFT ARCHITECTS + ENGINEERS
360 Bloomfield
Windsor Locks, Connecticut 06096
Telephone: 860.697.6366
www.bancroft-ae.com
Bancroft-AE Project No. 14-113

Drawing Title

EXISTING CONDITIONS PLAN 1
Approved Project Director

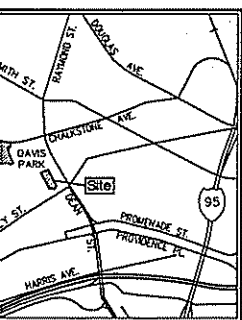
Project Title

PARKING STRUCTURE DESIGN
Location: PROVIDENCE, RHODE ISLAND
Date: 01-08-2016
Checked: PMc
Drawn: BMP

Project Number

650-336
Building Number:
Drawing Number: 1
OF 2

Of Cor and Mar

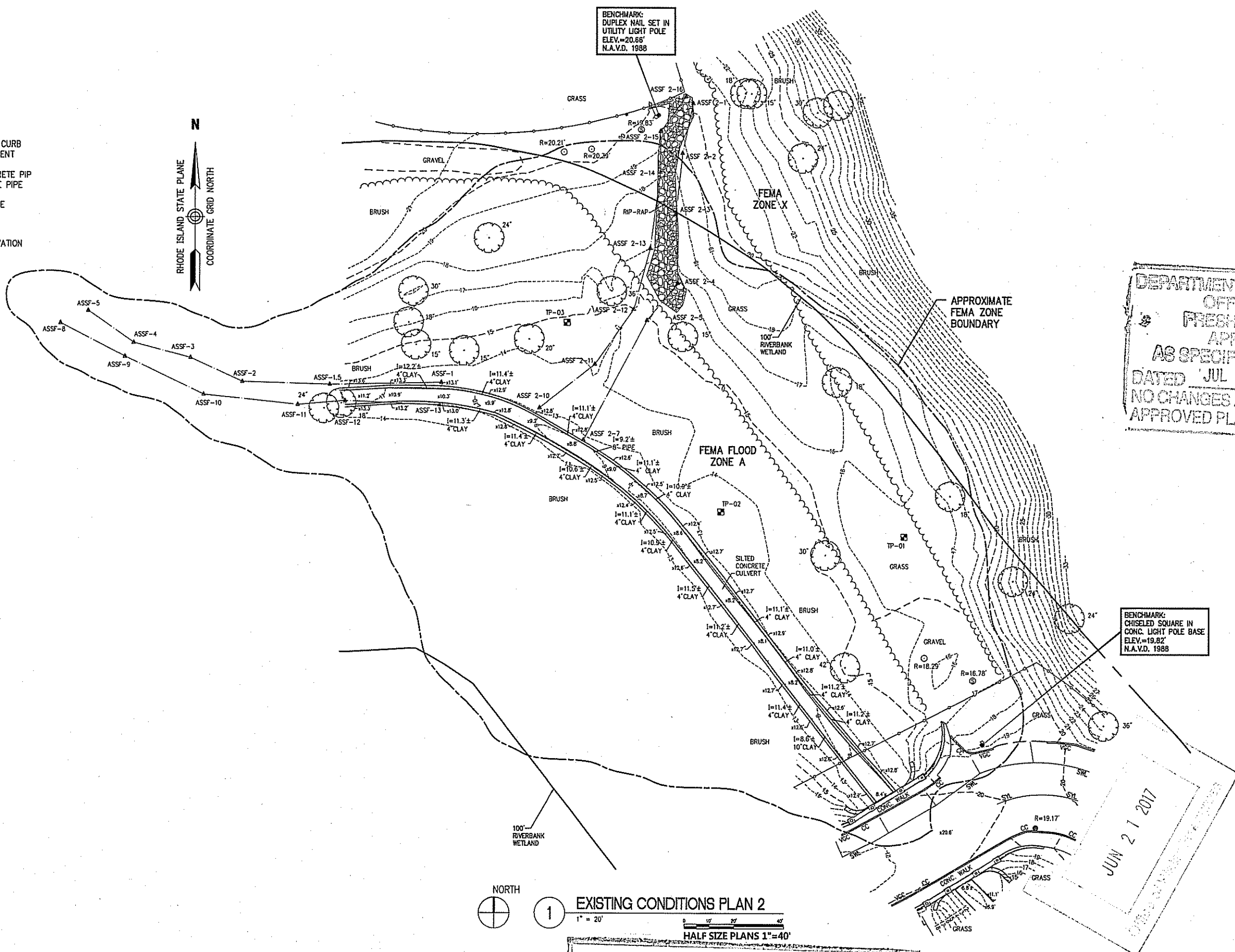


Locus Map
(NOT TO SCALE)

LEGEND

- CATCH BASIN
- CATCH BASIN
- ROUND CATCH BASIN
- ▴ FLARED END SECTION
- RD • DOWNSPOUT
- ⊙ DRAIN MANHOLE
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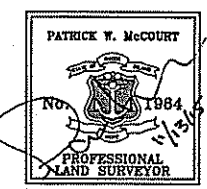
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUL 31 2017 FILE # 17-00
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION

GENERAL NOTES

1. ALL ELEVATIONS ARE BASED ON N.A.S.D. 83.
2. THE EXISTING CONDITIONS SHOWN WERE LOCATED BY A FIELD SURVEY. VANASSE HANGEN BRUSTLIN, INC. BE 30, 2015 AND NOVEMBER 13, 2015.
3. THE PARCEL IS PARTIALLY WITHIN AREA WITH NO BASE FLOOD ELEVATION AND PARTIALLY WITHIN ZONE-X; ARE BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD INSURANCE RATE FIRM. THE FLOOD INSURANCE RATE THE CITY OF PROVIDENCE, RHODE ISLAND COUNTY, COMMUNITY PANEL NO. 4454 308 OF 451, MAP REVISED: OCTOBER 2015.
4. THE UNDERGROUND UTILITIES SHOWN LOCATED FROM FIELD SURVEY INFORMATION EXISTING DRAWINGS. THE SURVEYOR GUARANTEES THAT THE UNDERGROUND COMPRISE ALL SUCH UTILITIES IN THE IN-SERVICE OR ABANDONED. THE SURVEY DOES NOT WARRANT THAT THE UNDERGROUND ARE IN THE EXACT LOCATION SURVEYOR HAS NOT PHYSICALLY LOCATED UNDERGROUND UTILITIES.
5. THE LOCATIONS OF EXISTING UNDERGROUND ARE SHOWN IN AN APPROXIMATE WAY NOT BEEN INDEPENDENTLY VERIFIED BY REPRESENTATIVE. THE CONTRACTOR SHALL THE EXACT LOCATION OF ALL EXISTING COMMENCING WORK, AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES OCCASIONED BY THE CONTRACTOR EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES.

NORTH
1 EXISTING CONDITIONS PLAN 2
1" = 20'
HALF SIZE PLANS 1" = 40'

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



THIS TOPOGRAPHIC SURVEY AND PLAN CONFORMS TO THE CLASS III STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS; AND AS SUCH DOES NOT CONSTITUTE THE SURVEYOR'S BOUNDARY LINE OPINION.
PATRICK W. McCOURT, P.L.S. #1984
VANASSE HANGEN BRUSTLIN, INC.

CONTRACT NO. VA241-

<p>CONSULTANTS:</p> <p>DESMAN Design Management 18 TREMONT STREET SUITE 300 BOSTON, MASSACHUSETTS 02108 TELEPHONE: 617.778.8882 www.desman.com</p>	<p>KEYPLAN</p>	<p>ARCHITECT + ENGINEERS:</p> <p>Bancroft BANCROFT ARCHITECTS + ENGINEERS 300 Beaconfield Windsor Locks, Connecticut 06096 Telephone: 860.677.4368 www.bancroft-ae.com Bancroft-AE Project No. 14-113</p>	<p>Drawing Title EXISTING CONDITIONS PLAN 2</p> <p>Approved Project Director</p>	<p>Project Title PARKING STRUCTURE DESIGN</p> <p>Location PROVIDENCE, RHODE ISLAND</p> <p>Date 01-08-2016</p> <p>Checked PMc</p> <p>Drawn BMP</p>	<p>Project Number 650-336</p> <p>Building Number</p> <p>Drawing Number 2</p> <p>OF 2</p>
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