

GENERAL NOTES

- 1. THE CONTRACTOR SHALL NOTIFY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT COMPLIANCE PROGRAM AT 410-537-3510 A MINIMUM OF SEVEN (7) DAYS PRIOR TO THE START OF CONSTRUCTION TO SCHEDULE A PRE-CONSTRUCTION MEETING. INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO ANY LAND DISTURBING ACTIVITY. CLEAR AND GRUB ONLY THOSE AREAS NECESSARY TO INSTALL THE SEDIMENT CONTROL MEASURES AS THEY ARE SEQUENCED.
2. ALL AREAS THAT DO NOT DRAIN TO AN MDE APPROVED E&S DEVICE SHALL BE STABILIZED AT THE END OF EACH DAY'S CONSTRUCTION.
3. THE LOCATION OF CONTRACTOR LAYDOWN AREAS AND STOCKPILE AREAS SHALL BE DETERMINED BY THE CONTRACTOR AND WILL BE COORDINATED WITH THE MDE INSPECTOR AT THE PRE-CONSTRUCTION MEETING. THESE AREAS WILL FALL WITHIN THE LIMITS OF DISTURBANCE OF THIS PROJECT.
...
19. SEDIMENT SHALL BE REMOVED AND THE TRAP OR BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE QUARTER OF THE TOTAL DEPTH OF THE TRAP OR BASIN. TOTAL DEPTH SHALL BE MEASURED FROM THE TRAP OR BASIN BOTTOM TO THE CREST OF THE OUTLET.
20. SEDIMENT REMOVED FROM TRAPS (AND BASINS) SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND OR TREE-SAVE AREA. WHEN PUMPING SEDIMENT LADEN WATER, THE DISCHARGE MUST BE DIRECTED TO A SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT MAY BE USED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT.
...
27. SITE INFORMATION:
A. TOTAL AREA OF FACILITY : 2.7241 ACRES
B. AREA DISTURBED : 2.678 ACRES
C. AREA TO BE ROOFED OR PAVED : 1.95 ACRES
D. TOTAL CUT : 4000 CUBIC YARDS
E. TOTAL FILL : 3500 CUBIC YARDS
F. OFF-SITE WASTE / BORROW AREA LOCATION : 3500 CUBIC YARDS (TO BE DETERMINED BY CONTRACTOR.)

NOTE TO CONTRACTOR:

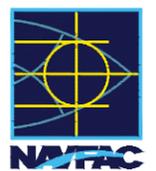
- 1. EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED.

STANDARD EROSION AND SEDIMENT CONTROL NOTES

THE WATER MANAGEMENT ADMINISTRATION REQUIRES THAT THESE NOTES, IN THEIR ENTIRETY, BE INCLUDED ON THE EROSION AND SEDIMENT CONTROL PLAN. IT IS RECOGNIZED THAT EVERY NOTE MAY NOT APPLY TO ALL PROJECTS. THE REQUIREMENT OF ANY INDIVIDUAL NOTE NOT APPLICABLE TO THE SUBJECT PROJECT IS NOT BINDING UPON THE APPLICANT OR THE APPLICANT'S CONTRACTOR.

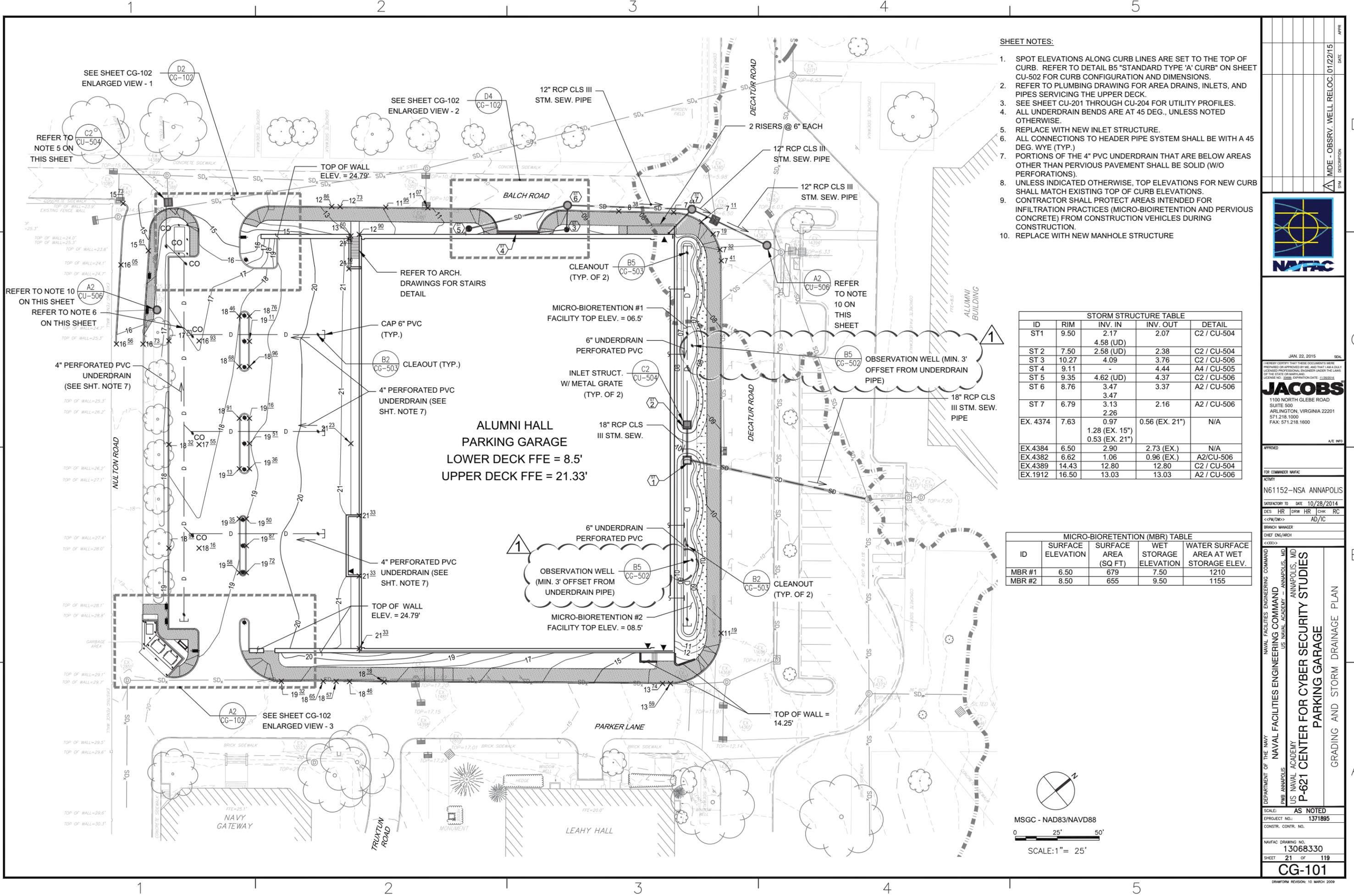
- 1. THE CONTRACTOR SHALL NOTIFY THE ADMINISTRATION (WMA) AT (410) 537-3510 SEVEN (7) DAYS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY AND, UNLESS WAIVED BY THE ADMINISTRATION, SHALL BE REQUIRED TO HOLD A PRE-CONSTRUCTION MEETING BETWEEN PROJECT REPRESENTATIVES AND A REPRESENTATIVE OF WMA.
2. THE CONTRACTOR MUST NOTIFY WMA IN WRITING AND BY TELEPHONE AT THE FOLLOWING POINTS:
A. THE REQUIRED PRE-CONSTRUCTION MEETING.
B. FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES.
C. DURING THE INSTALLATION OF SEDIMENT BASINS (TO BE CONVERTED INTO PERMANENT STORMWATER MANAGEMENT STRUCTURES) AT THE REQUIRED INSPECTION POINTS (SEE INSPECTION CHECKLIST ON PLAN). NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION OF EACH STEP IS MANDATORY.
D. PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE(S).
E. PRIOR TO REMOVAL OF ALL SEDIMENT CONTROL DEVICES.
F. PRIOR TO FINAL ACCEPTANCE.
...
15. SEDIMENT TRAPS OR BASINS ARE NOT PERMITTED WITHIN 20 FEET OF A FOUNDATION THAT EXISTS OR IS UNDER CONSTRUCTION. NO STRUCTURE MAY BE CONSTRUCTED WITHIN 20 FEET OF AN ACTIVE SEDIMENT TRAP OR BASIN.
16. THE WMA INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.
17. ALL TRAP DEPTH DIMENSIONS ARE RELATIVE TO THE OUTLET ELEVATION. ALL TRAPS MUST HAVE A STABLE OUTFALL. ALL TRAPS AND BASINS SHALL HAVE STABLE INFLOW POINTS.
18. VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SODDING, AND GROUND COVERS.

Vertical title block containing project information: DEPARTMENT OF THE NAVY, NAVAL FACILITIES ENGINEERING COMMAND, US NAVAL ACADEMY - ANNAPOLIS, MD, P-621 CENTER FOR CYBER SECURITY STUDIES, PARKING GARAGE, EROSION AND SEDIMENT CONTROL NOTES. Includes drawing number 13068328, sheet 19 of 119, and CG-001.



NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND
US NAVAL ACADEMY - ANNAPOLIS, MD
ANNAPOLIS, MD
P-621 CENTER FOR CYBER SECURITY STUDIES
PARKING GARAGE
EROSION AND SEDIMENT CONTROL NOTES

SCALE: AS NOTED
PROJECT NO.: 1371895
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 13068328
SHEET 19 OF 119
CG-001
DRAWING REVISION: 10 MARCH 2009



- SHEET NOTES:**
1. SPOT ELEVATIONS ALONG CURB LINES ARE SET TO THE TOP OF CURB. REFER TO DETAIL B5 "STANDARD TYPE 'A' CURB" ON SHEET CU-502 FOR CURB CONFIGURATION AND DIMENSIONS.
  2. REFER TO PLUMBING DRAWING FOR AREA DRAINS, INLETS, AND PIPES SERVICING THE UPPER DECK.
  3. SEE SHEET CU-201 THROUGH CU-204 FOR UTILITY PROFILES.
  4. ALL UNDERDRAIN BENDS ARE AT 45 DEG., UNLESS NOTED OTHERWISE.
  5. REPLACE WITH NEW INLET STRUCTURE.
  6. ALL CONNECTIONS TO HEADER PIPE SYSTEM SHALL BE WITH A 45 DEG. WYE (TYP.)
  7. PORTIONS OF THE 4" PVC UNDERDRAIN THAT ARE BELOW AREAS OTHER THAN PVIOUS PAVEMENT SHALL BE SOLID (W/O PERFORATIONS).
  8. UNLESS INDICATED OTHERWISE, TOP ELEVATIONS FOR NEW CURB SHALL MATCH EXISTING TOP OF CURB ELEVATIONS.
  9. CONTRACTOR SHALL PROTECT AREAS INTENDED FOR INFILTRATION PRACTICES (MICRO-BIORETENTION AND PVIOUS CONCRETE) FROM CONSTRUCTION VEHICLES DURING CONSTRUCTION.
  10. REPLACE WITH NEW MANHOLE STRUCTURE

**STORM STRUCTURE TABLE**

ID	RIM	INV. IN	INV. OUT	DETAIL
ST1	9.50	2.17 4.58 (UD)	2.07	C2 / CU-504
ST 2	7.50	2.58 (UD)	2.38	C2 / CU-504
ST 3	10.27	4.09	3.76	C2 / CU-506
ST 4	9.11	-	4.44	A4 / CU-505
ST 5	9.35	4.62 (UD)	4.37	C2 / CU-506
ST 6	8.76	3.47 3.47	3.37	A2 / CU-506
ST 7	6.79	3.13	2.16	A2 / CU-506
EX. 4374	7.63	0.97 1.28 (EX. 15") 0.53 (EX. 21")	0.56 (EX. 21")	N/A
EX.4384	6.50	2.90	2.73 (EX.)	N/A
EX.4382	6.62	1.06	0.96 (EX.)	A2/CU-506
EX.4389	14.43	12.80	12.80	C2 / CU-504
EX.1912	16.50	13.03	13.03	A2 / CU-506

**MICRO-BIORETENTION (MBR) TABLE**

ID	SURFACE ELEVATION	SURFACE AREA (SQ FT)	WET STORAGE ELEVATION	WATER SURFACE AREA AT WET STORAGE ELEV.
MBR #1	6.50	679	7.50	1210
MBR #2	8.50	655	9.50	1155

JAN. 22, 2015

HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 38888 EXPIRATION DATE: 11/09/2018

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FOR COMMANDER NAFAC

ACTIVITY: N61152-NSA ANNAPOLIS

SATISFACTORY TO DATE: 10/28/2014

DES	HR	DRW	HR	CHK	RC
<<PW/DM>>					AD/IC

BRANCH MANAGER: \_\_\_\_\_  
CHIEF ENG/ARCH: \_\_\_\_\_

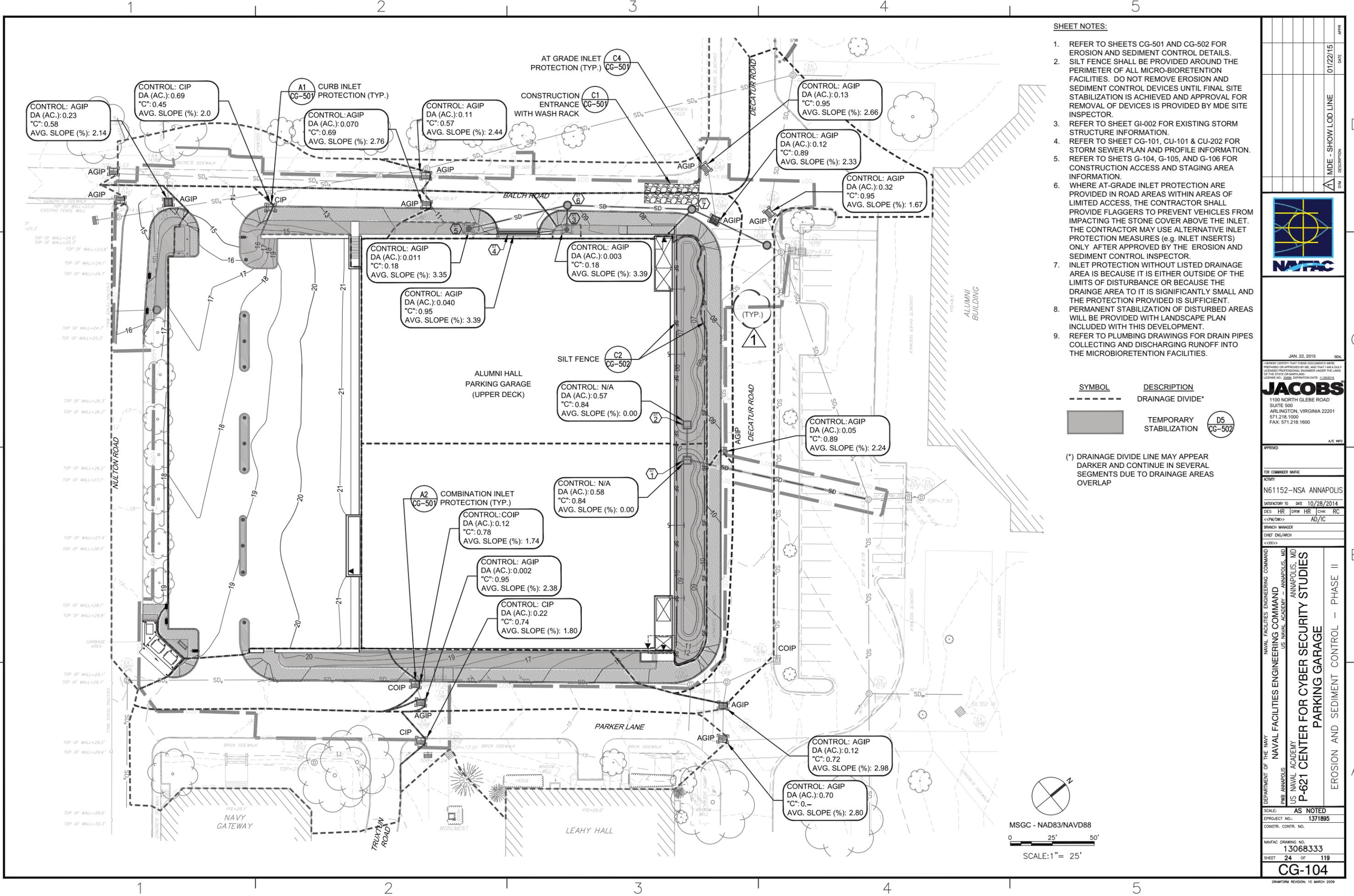
DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
US NAVAL ACADEMY - ANNAPOLIS, MD

US NAVAL ACADEMY  
P-621 CENTER FOR CYBER SECURITY STUDIES  
PARKING GARAGE  
GRADING AND STORM DRAINAGE PLAN

SCALE: AS NOTED  
EPROJCT NO.: 1371895  
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 13068330  
SHEET 21 OF 119

**CG-101**  
DRAWING REVISION: 10 MARCH 2009



- SHEET NOTES:**
- REFER TO SHEETS CG-501 AND CG-502 FOR EROSION AND SEDIMENT CONTROL DETAILS.
  - SILT FENCE SHALL BE PROVIDED AROUND THE PERIMETER OF ALL MICRO-BIORETENTION FACILITIES. DO NOT REMOVE EROSION AND SEDIMENT CONTROL DEVICES UNTIL FINAL SITE STABILIZATION IS ACHIEVED AND APPROVAL FOR REMOVAL OF DEVICES IS PROVIDED BY MDE SITE INSPECTOR.
  - REFER TO SHEET GI-002 FOR EXISTING STORM STRUCTURE INFORMATION.
  - REFER TO SHEET CG-101, CU-101 & CU-202 FOR STORM SEWER PLAN AND PROFILE INFORMATION.
  - REFER TO SHEETS G-104, G-105, AND G-106 FOR CONSTRUCTION ACCESS AND STAGING AREA INFORMATION.
  - WHERE AT-GRADE INLET PROTECTION ARE PROVIDED IN ROAD AREAS WITHIN AREAS OF LIMITED ACCESS, THE CONTRACTOR SHALL PROVIDE FLAGGERS TO PREVENT VEHICLES FROM IMPACTING THE STONE COVER ABOVE THE INLET. THE CONTRACTOR MAY USE ALTERNATIVE INLET PROTECTION MEASURES (e.g. INLET INSERTS) ONLY AFTER APPROVED BY THE EROSION AND SEDIMENT CONTROL INSPECTOR.
  - INLET PROTECTION WITHOUT LISTED DRAINAGE AREA IS BECAUSE IT IS EITHER OUTSIDE OF THE LIMITS OF DISTURBANCE OR BECAUSE THE DRAINAGE AREA TO IT IS SIGNIFICANTLY SMALL AND THE PROTECTION PROVIDED IS SUFFICIENT.
  - PERMANENT STABILIZATION OF DISTURBED AREAS WILL BE PROVIDED WITH LANDSCAPE PLAN INCLUDED WITH THIS DEVELOPMENT.
  - REFER TO PLUMBING DRAWINGS FOR DRAIN PIPES COLLECTING AND DISCHARGING RUNOFF INTO THE MICROBIORETENTION FACILITIES.

SYMBOL	DESCRIPTION
---	DRAINAGE DIVIDE*
■	TEMPORARY STABILIZATION

(\*) DRAINAGE DIVIDE LINE MAY APPEAR DARKER AND CONTINUE IN SEVERAL SEGMENTS DUE TO DRAINAGE AREAS OVERLAP

DATE	01/22/15
SYN	MDE - SHOW LOD LINE
APP	

JAN. 22, 2015 SEAL

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FOR COMMANDER NAFAC

ACTIVITY

N61152-NSA ANNAPOLIS

SATISFACTORY TO DATE 10/28/2014

DES	HR	DRW	HR	CHK	RC
<<PM/DM>>					AD/IC

BRANCH MANAGER

CHEF ENG/ARCH

<<DD>>

NAVY FACILITIES ENGINEERING COMMAND  
ANNAPOLIS, MD

NAVY FACILITIES ENGINEERING COMMAND  
US NAVAL ACADEMY  
ANNAPOLIS, MD

**P-621 CENTER FOR CYBER SECURITY STUDIES  
PARKING GARAGE**

EROSION AND SEDIMENT CONTROL - PHASE II

SCALE: AS NOTED

PROJECT NO.: 1371895

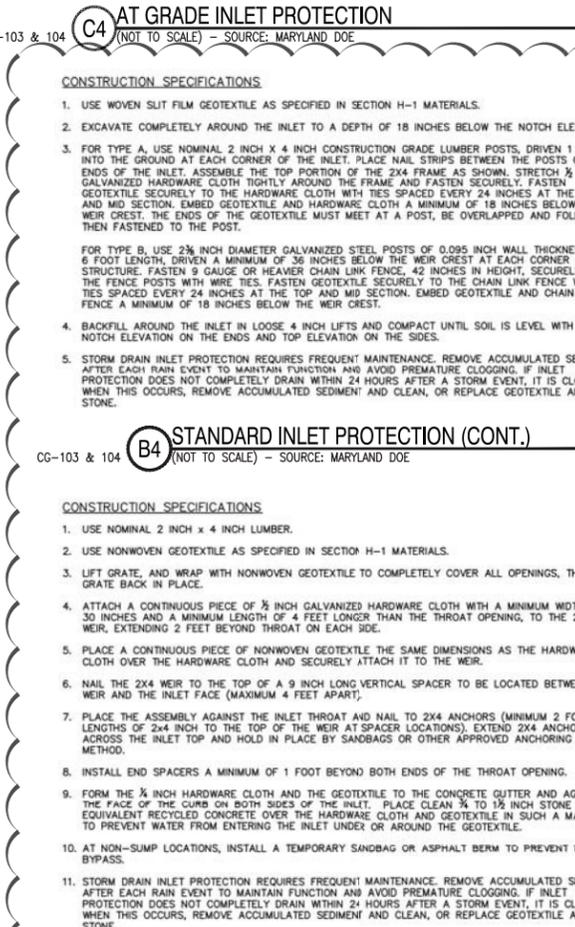
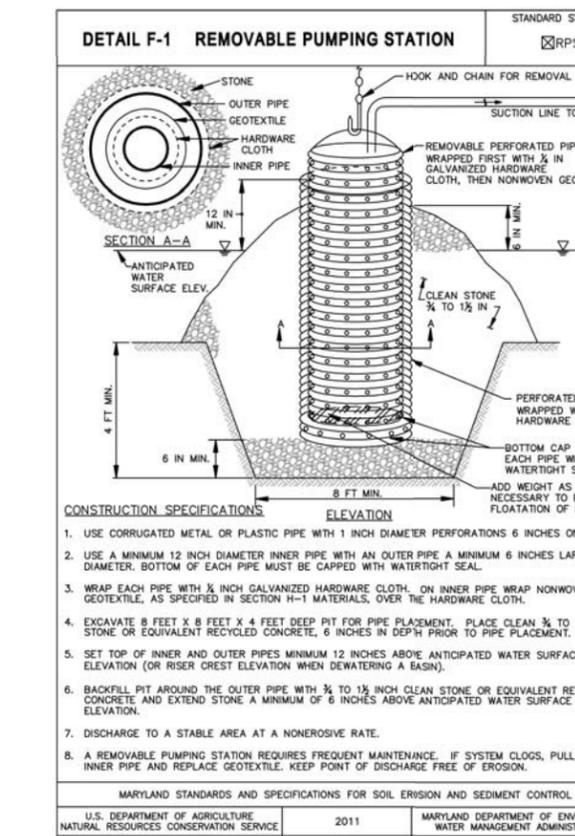
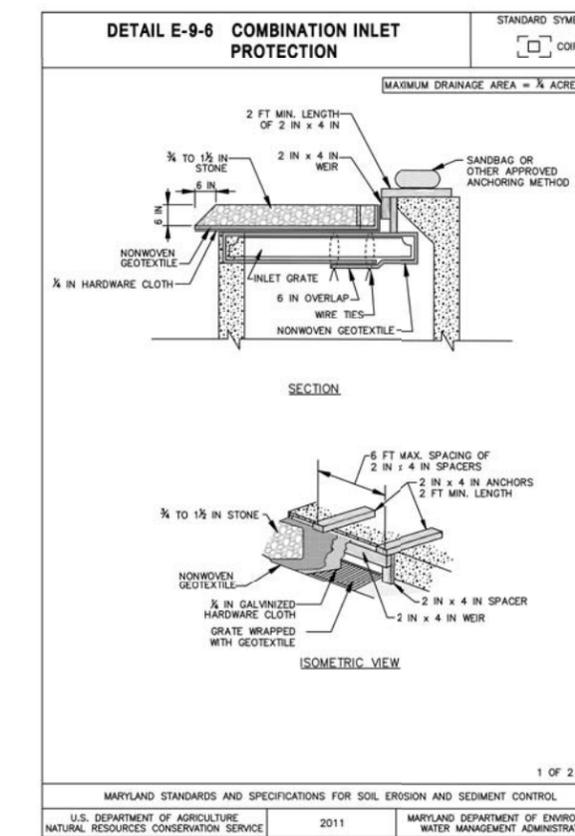
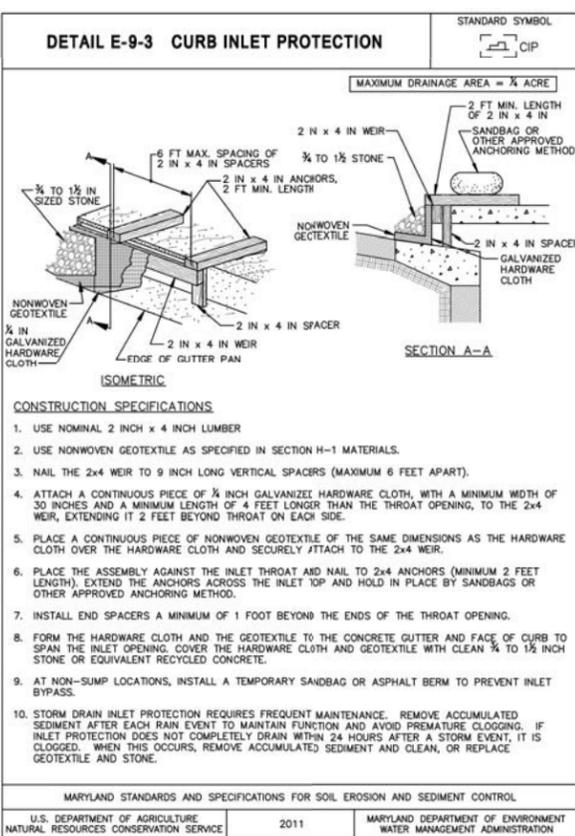
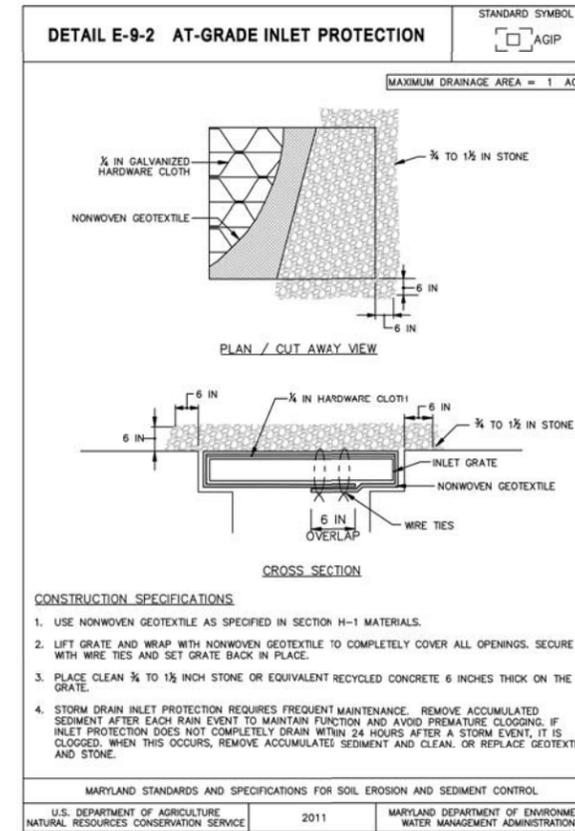
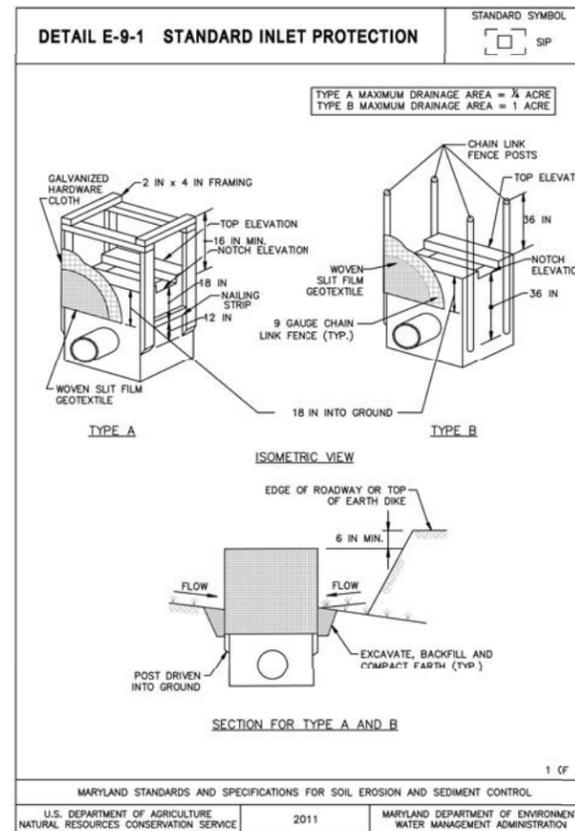
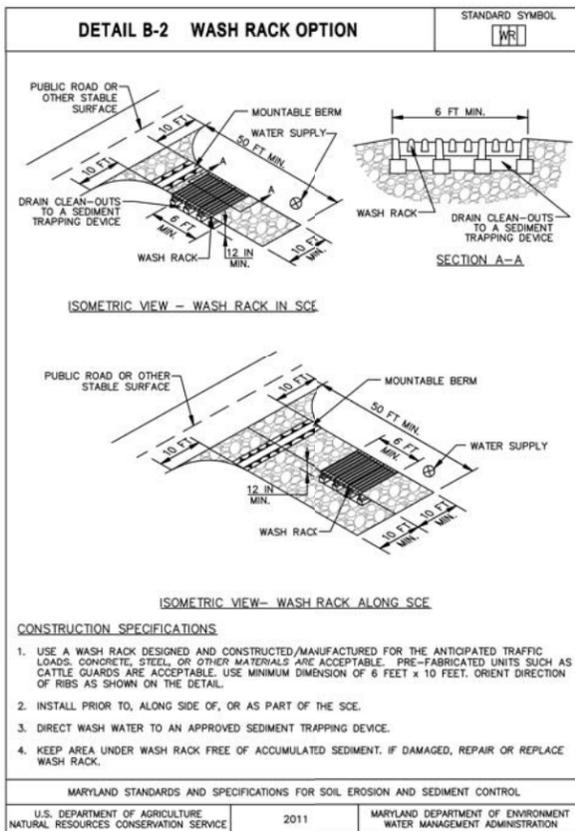
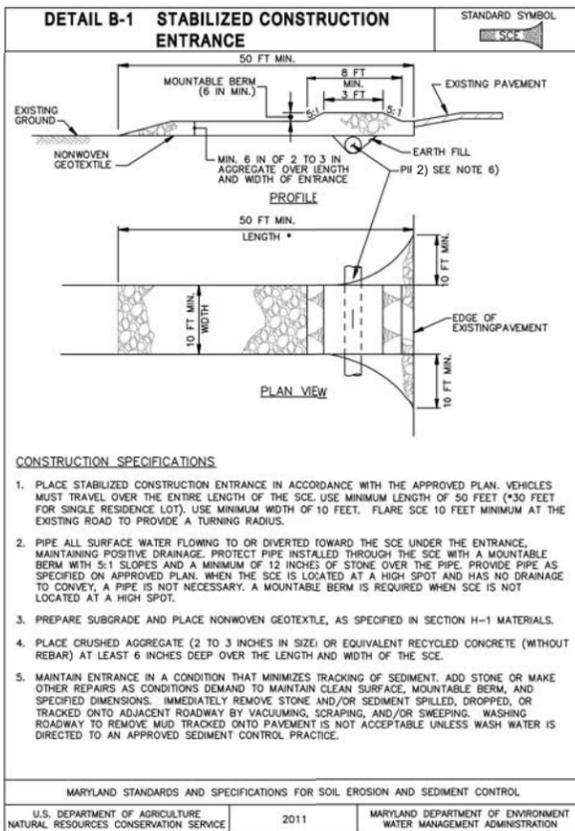
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 13068333

SHEET 24 OF 119

**CG-104**

DRAWING REVISION: 10 MARCH 2009



**A1** CURB INLET PROTECTION DETAIL (NOT TO SCALE) - SOURCE: MARYLAND DOE

**A2** COMBINATION INLET PROTECTION (REFER TO A4 FOR CONT.) (NOT TO SCALE) - SOURCE: MARYLAND DOE

**A3** REMOVABLE PUMPING STATION (NOT TO SCALE) - SOURCE: MARYLAND DOE

**A4** COMBINATION INLET PROTECTION (CONT.) (NOT TO SCALE) - SOURCE: MARYLAND DOE

JAN. 22, 2015

DATE: 01/22/15

SYMBOL: MDE - ADD INLET PROTECT. SPECS.

DESCRIPTION: EROSION AND SEDIMENT CONTROL - DETAILS

APPROVED: [Signature]

FOR COMMANDER: N61152-NSA ANNAPOLIS

ACTIVITY: N61152-NSA ANNAPOLIS

SATISFACTORY TO DATE: 10/28/2014

DES: HR | DRW: HR | CHK: RC

APP: AD/IC

BRANCH MANAGER: [Signature]

CHIEF ENG/ARCH: [Signature]

NAVAL FACILITIES ENGINEERING COMMAND  
US NAVAL ACADEMY - ANNAPOLIS, MD

US NAVAL ACADEMY  
P-621 CENTER FOR CYBER SECURITY STUDIES  
PARKING GARAGE

SCALE: AS NOTED

PROJECT NO.: 13068334

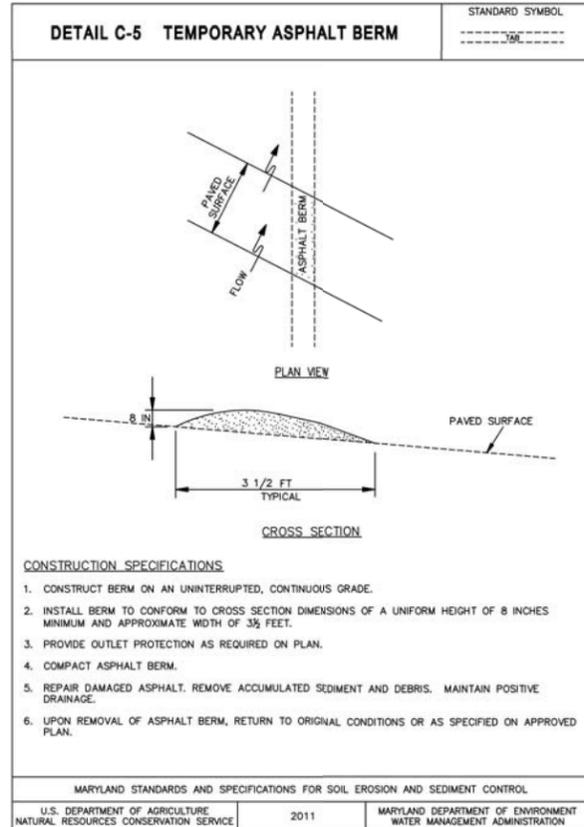
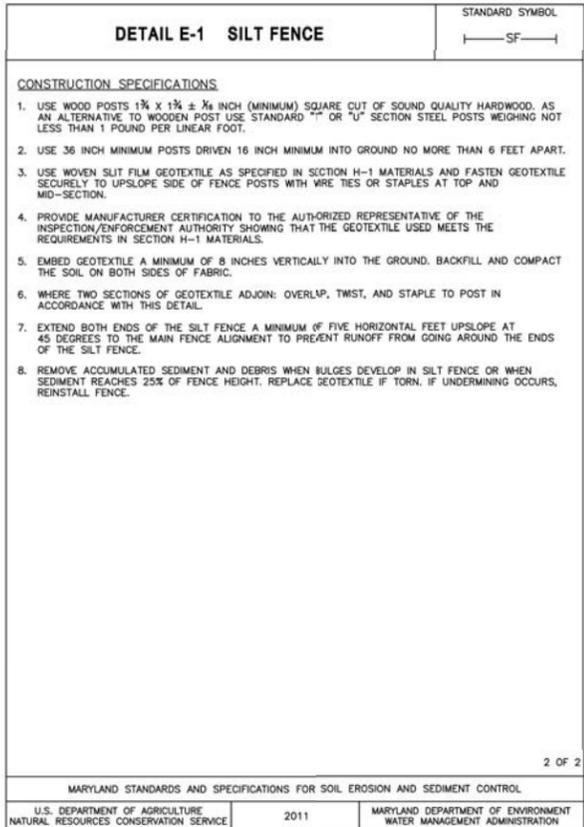
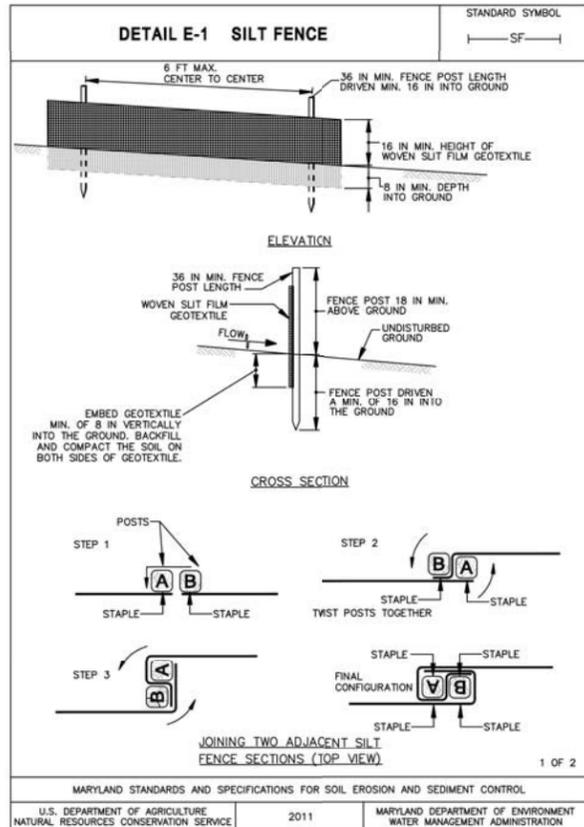
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NAVFAC DRAWING NO. 13068334

SHEET 25 OF 119

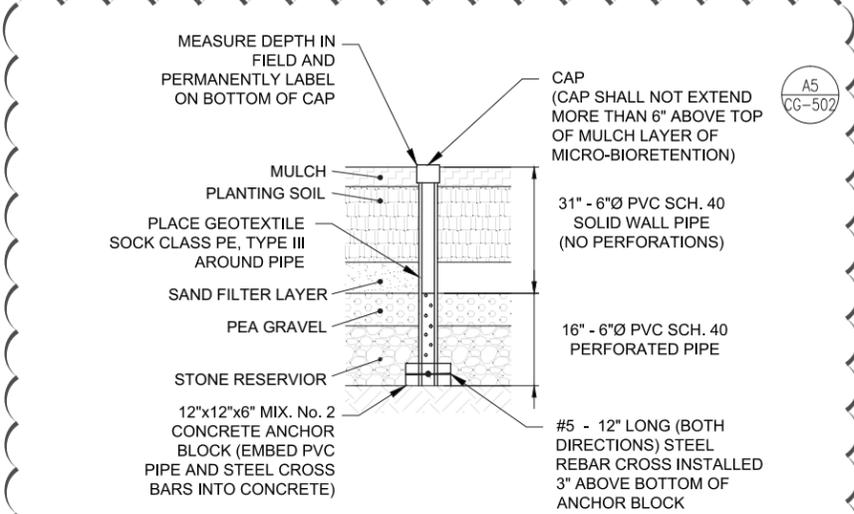
CG-501

DRAWING REVISION: 10 MARCH 2009



Hardiness Zone (from Figure B.3): 7a Seeding Mixture (from Table B.1):					Fertilizer Rate (10-20-20)	Lime Rate
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths		
1	Annual Ryegrass ( <i>Lolium perenne</i> ssp. <i>Multiflorum</i> )	40 lb/ac (1.0 lb/1000 ft <sup>2</sup> )	Feb 15 to May 15; Aug 1 to Oct 15	0.5	436 lb/ac (10 lb/1000sf)	2 tons/ac (90 lb/1000 sf)
2	Foxtail Millet ( <i>Setaria italica</i> )	30 lb/ac (0.7 lb/1000 ft <sup>2</sup> )	May 1 to Aug 14	0.5		

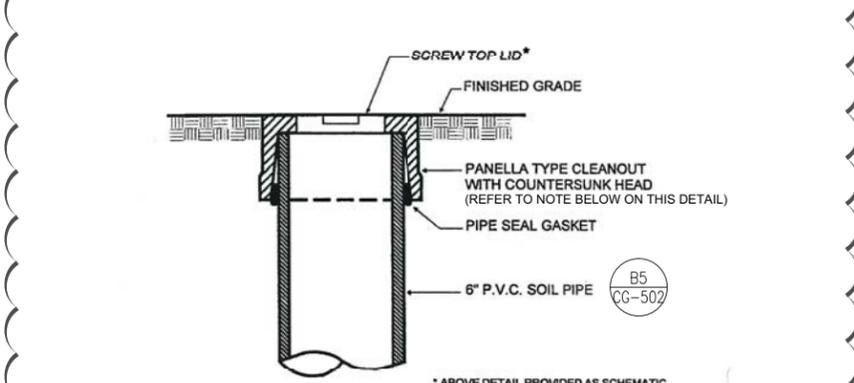
**D5 TEMPORARY STABILIZATION**  
CG-104 (NOT TO SCALE) - SOURCE: MARYLAND DOE



**OBSERVATION WELL NOTES:**

- BLACK COLOR PVC PIPE SHALL BE USED FOR BOTH PERFORATED AND NON-PERFORATED SEGMENTS.
- PERFORATED PIPE MUST BE PROVIDED DIRECTLY BY PIPE SUPPLIER. PIPE PERFORATIONS SHALL NOT BE MADE IN THE FIELD.

**B5 OBSERVATION WELL DETAIL**  
CG-104 (NOT TO SCALE) - SOURCE: MARYLAND DOE



**NOTES:**

- HEAVY-DUTTY COUNTERSUNK BRASS PLUG SHALL BE USED IN PAVED AREAS
- LABEL/INDICATE ON CAP DEPTH TO FILTER BOTTOM

**EACH OBSERVATION WELL / CLEANOUT SHALL INCLUDE THE FOLLOWING:**

- FOR AN UNDERGROUND FLUSH MOUNTED OBSERVATION WELL / CLEANOUT, PROVIDE A TUBE MADE OF NON-CORROSIVE MATERIAL, SCHEDULE 40 OR EQUAL, AT LEAST THREE FEET LONG WITH AN INSIDE DIAMETER OF AT LEAST 6 INCHES.
- THE TUBE SHALL HAVE A FACTORY ATTACHED CAST IRON OR HIGH IMPACT PLASTIC COLLAR WITH RIBS TO PREVENT ROTATION WHEN REMOVING SCREW TOP LID. THE SCREW TOP LID SHALL BE CAST IRON OR HIGH IMPACT PLASTIC THAT WILL WITHSTAND ULTRA-VIOLET RAYS.

**A5 OBSERVATION WELL CAP DETAIL**  
CG-101 & 102 (NOT TO SCALE)

**C2 SILT FENCE DETAIL**  
CG-103 & 104 (NOT TO SCALE) - SOURCE: MARYLAND DOE

**C3 TEMPORARY ASPHALT BERM**  
CG-103 & 104 (NOT TO SCALE) - SOURCE: MARYLAND DOE

DATE: 01/22/15

DESCRIPTION: MDE - OBSRV. WELL DET.

SCALE: AS NOTED

PROJECT NO.: 1371895

CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 13068335

SHEET 26 OF 119

CG-502

DRAWFORM REVISION: 10 MARCH 2009

NAVAC

JAN. 22, 2015

THESEY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 3882, EXPIRATION DATE: 11/30/2015

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FOR COMMANDER NAVAC

ACTIVITY: N61152-NSA ANNAPOLIS

SATISFACTORY TO DATE: 10/28/2014

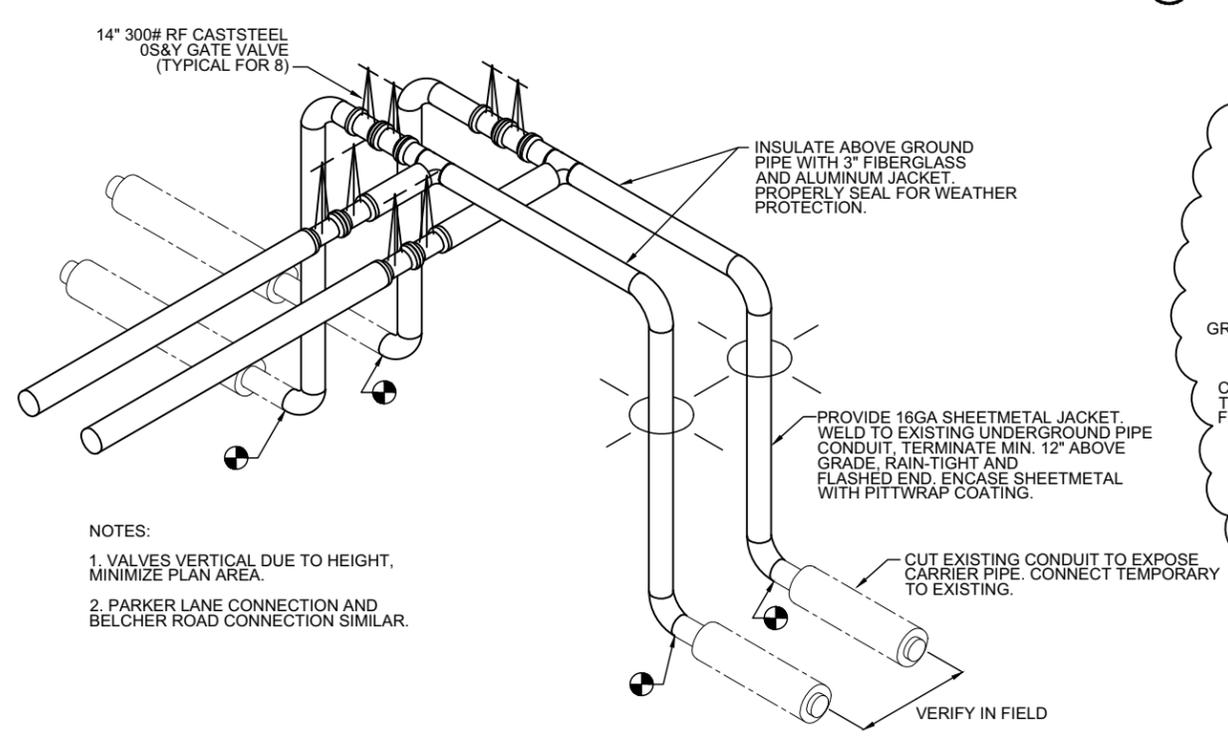
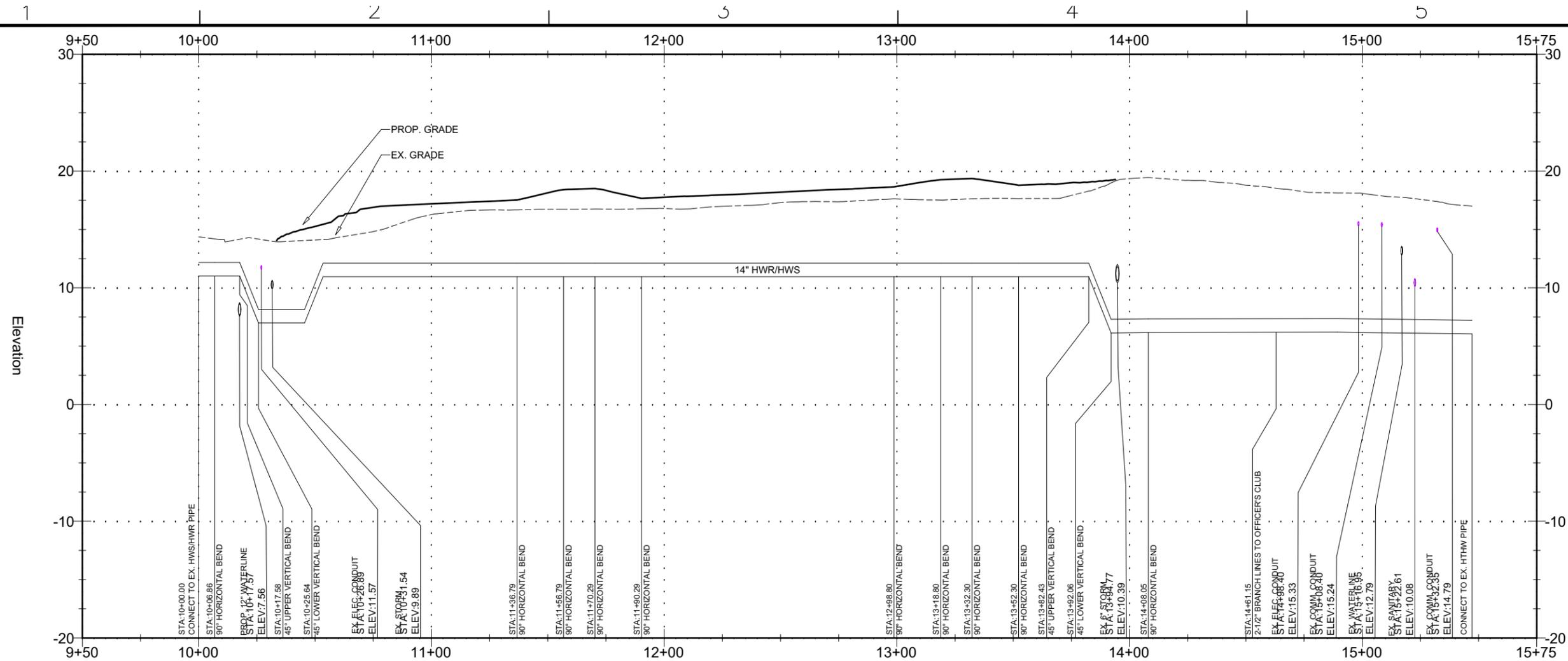
DES: HR | DRW: HR | CHK: RC

BRANCH MANAGER: AD/IC

CHIEF ENG/ARCH: <OOO>

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVAL FACILITIES ENGINEERING COMMAND  
US NAVAL ACADEMY - ANNAPOLIS, MD  
US NAVAL ACADEMY  
ANNAPOLIS, MD  
P-621 CENTER FOR CYBER SECURITY STUDIES  
PARKING GARAGE

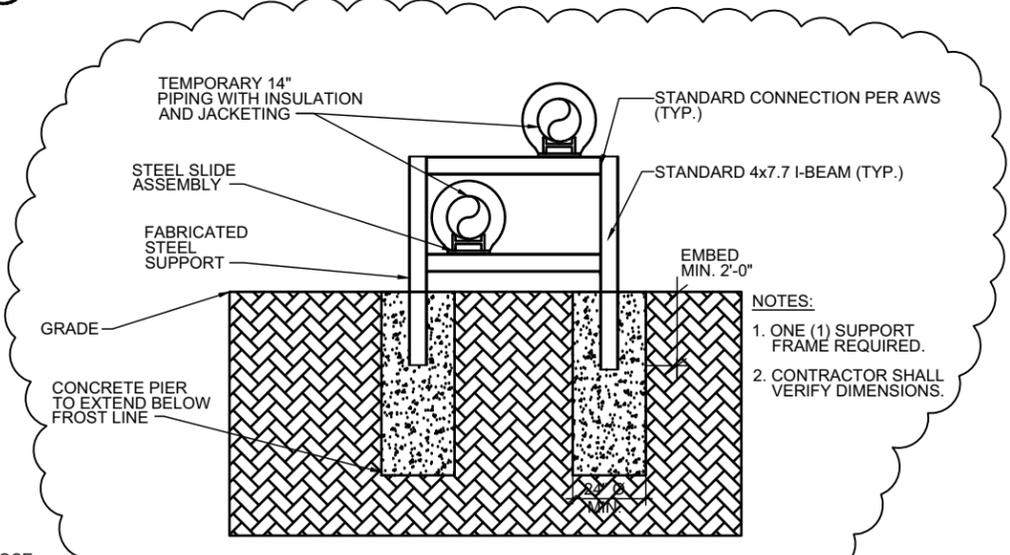
EROSION AND SEDIMENT CONTROL - DETAILS



- NOTES:
1. VALVES VERTICAL DUE TO HEIGHT, MINIMIZE PLAN AREA.
  2. PARKER LANE CONNECTION AND BELCHER ROAD CONNECTION SIMILAR.

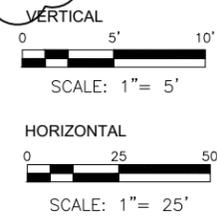
CU-102 **A1** TEMPORARY BYPASS ARRANGEMENT  
(NOT TO SCALE)

CU-102 **B1** HIGH TEMPERATURE HOT WATER LINE PROFILE



- NOTES:
1. ONE (1) SUPPORT FRAME REQUIRED.
  2. CONTRACTOR SHALL VERIFY DIMENSIONS.

CU-102 **A4** TEMPORARY BYPASS PIPING SUPPORT  
(NOT TO SCALE)



FILE NAME: C:\working\gho\cranford\1074497\NAVFAC\_P0210-CU204.dwg LAYOUT NAME: CU-204 PLOTTED: Wednesday, January 21, 2015 - 2:15pm USER: CranfordR

DATE	01/22/15				
DESCRIPTION	ADDED SUPPORT DETAIL				
APPR					
1100 NORTH GLEBE ROAD SUITE 500 ARLINGTON, VIRGINIA 22201 ST 1 218 1000 FAX: 571.218.1600					
APPROVED					
FOR COMMANDER NAVFAC					
ACTIVITY	N61152-NSA ANNAPOLIS				
SATISFACTORY TO	DATE 10/28/2014				
DES	HR	DRW	HR	CHK	RC
<<PM/DM>>					AD/IC
BRANCH MANAGER					
CHIEF ENG/ARCH					
<<OO>>					
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND	ANNAPOLIS, MD	UTILITY PROFILES - HIGH TEMP. HOT WATER		
PMB ANNAPOLIS	NAVAL FACILITIES ENGINEERING COMMAND	ANNAPOLIS, MD			
US NAVAL ACADEMY	US NAVAL ACADEMY	ANNAPOLIS, MD			
<b>P-621 CENTER FOR CYBER SECURITY STUDIES PARKING GARAGE</b>					
SCALE:	AS NOTED				
EPROJCT NO.:	1371895				
CONSTR. CONTR. NO.					
NAVFAC DRAWING NO.	13068342				
SHEET	33	OF	119		
<b>CU-204</b>					
DRAWFORM REVISION: 10 MARCH 2009					

1

2

3

4

5

D

C

B

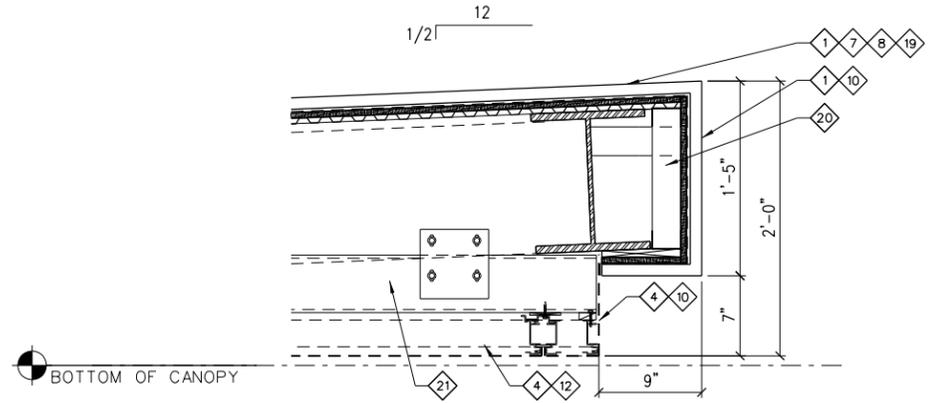
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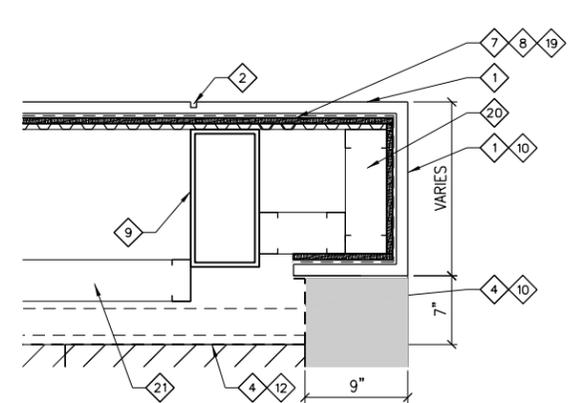
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B

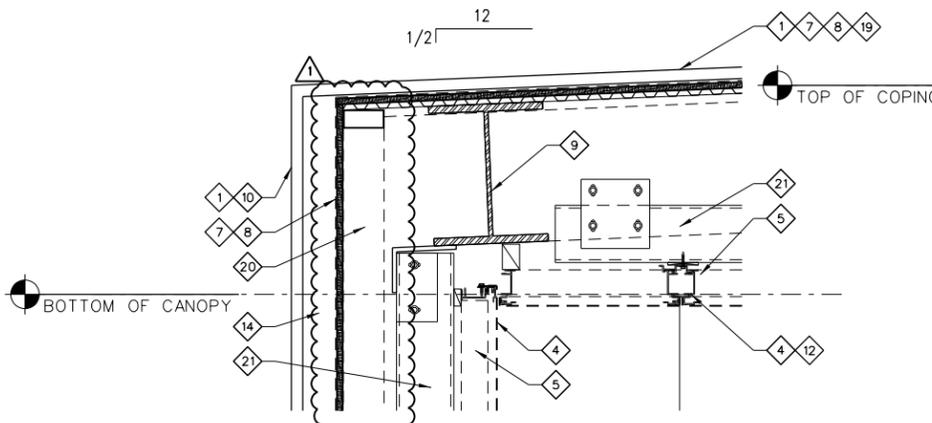
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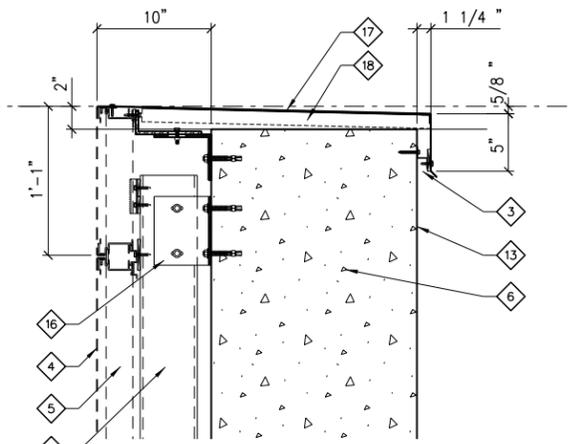
C3 SECTION DETAIL  
A-501 1/2" = 1'-0"



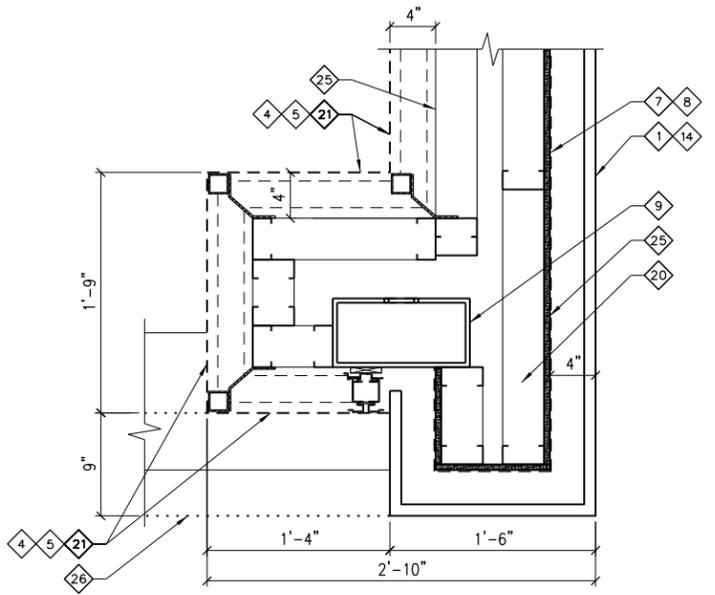
C4 SECTION DETAIL  
A-501 1/2" = 1'-0"



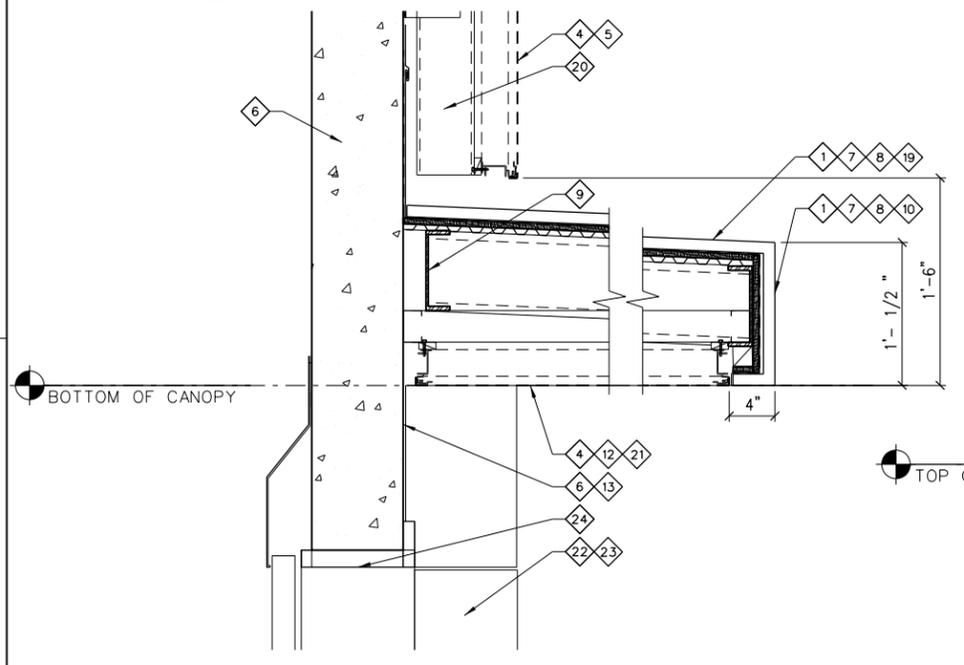
B3 SECTION DETAIL  
A-501 1/2" = 1'-0"



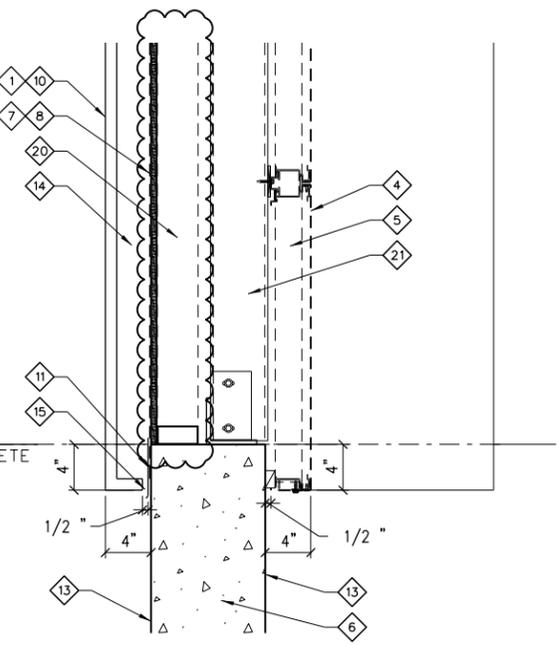
B4 SECTION DETAIL  
A-501 1/2" = 1'-0"



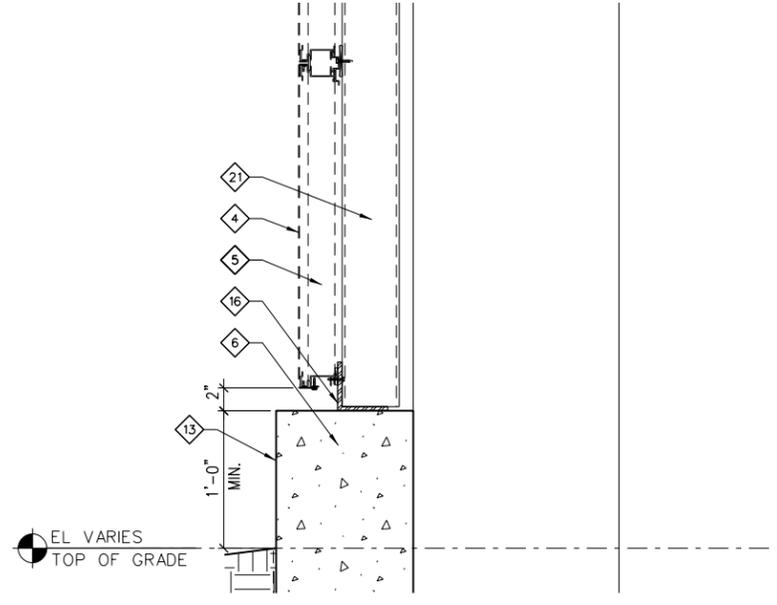
B1 PLAN DETAIL  
A-501 1/2" = 1'-0"



A1 SECTION DETAIL  
A-501 1/2" = 1'-0"



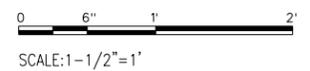
A3 SECTION DETAIL  
A-501 1/2" = 1'-0"



A4 SECTION DETAIL  
A-501 1/2" = 1'-0"

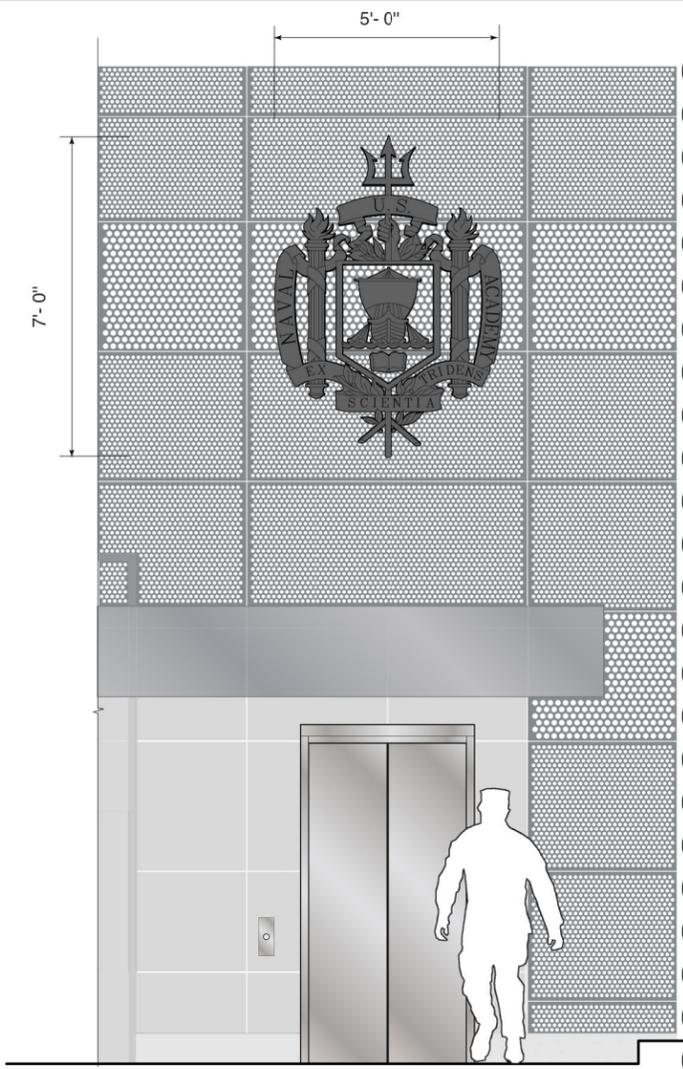
SHEET NOTES:  
A. THE COMPOSITE METAL PANELS OF ROOF AND SOFFIT SHALL BE DRY-SEALANT RAIN-SCREEN SYSTEM WITH ICE & SHIELD MEMBRANE.

- KEY NOTES:
- 1 COMPOSITE METAL PANEL WITH DRY SEALANT (RAIN SCREEN) (MP-5)
  - 2 1/2" X 1/2" RAIN SCREEN JOINT
  - 3 METAL TRIM RECEIVER (MP-4)
  - 4 PERFORATED METAL WALL PANEL - SEE ELEVATION FOR PANEL TYPE
  - 5 METAL PANEL BACKUP SYSTEM
  - 6 CONCRETE
  - 7 ICE SHIELD AND MEMBRANE
  - 8 1/2" EXTERIOR SHEATHING
  - 9 STRUCTURAL BEAM/MEMBER
  - 10 METAL PANEL FASCIA
  - 11 EDGE DRIP
  - 12 METAL PANEL SOFFIT
  - 13 SMOOTH RUBBED FINISH CONCRETE
  - 14 COMPOSITE METAL PANEL GIRT BACKUP SYSTEM
  - 15 1/2" GAP BETWEEN RETURN PANEL AND EDGE DRIP FOR RAIN SCREEN SYSTEM
  - 16 STAINLESS STEEL ANGLE ANCHORED TO CONCRETE
  - 17 METAL COPING (MP-4)
  - 18 METAL COPING STIFFENER CLEAT
  - 19 METAL DECK
  - 20 2"x4" ALUMINUM STRUCTURAL TUBE BACKUP SYSTEM-SPACING AS REQUIRED.
  - 21 CONTINUOUS ALUMINUM TUBE - CLEAR ANODIZED
  - 22 METAL ENCLOSURE (MP-4)
  - 23 BEYOND
  - 24 ELEVATOR DOOR JAMB
  - 25 FACE OF CONCRETE WALL BELOW
  - 26 DOTTED LINES INDICATE EDGE OF CANOPY ABOVE



DATE	1/22/15
DESCRIPTION	DETAIL NOTE REVISED
APPROVED	
<b>JACOBS</b> 1100 NORTH GLEBE ROAD SUITE 500 ARLINGTON, VIRGINIA 22201 571.218.1000 FAX: 571.218.1600	
FOR COMMANDER NAVFAC	
ACTIVITY	N61152-NSA ANNAPOLIS
SATISFACTORY TO	DATE 10/28/2014
DESIGNER	TP
DRAWN	JS
CHECKED	WS
BRANCH MANAGER	AD/IC
CHIEF ENGINEER/ARCHITECT	<<CIC>>
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND PMS ANNAPOLES US NAVAL ACADEMY - ANNAPOLIS, MD US NAVAL ACADEMY ANNAPOLIS, MD <b>P-621 CENTER FOR CYBER SECURITY STUDIES</b> PARKING GARAGE DETAILS	
SCALE:	AS NOTED
PROJECT NO.:	1371895
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	13068376
SHEET	67 OF 119
<b>A-501</b> <small>DRAWING REVISION: 10 MARCH 2009</small>	

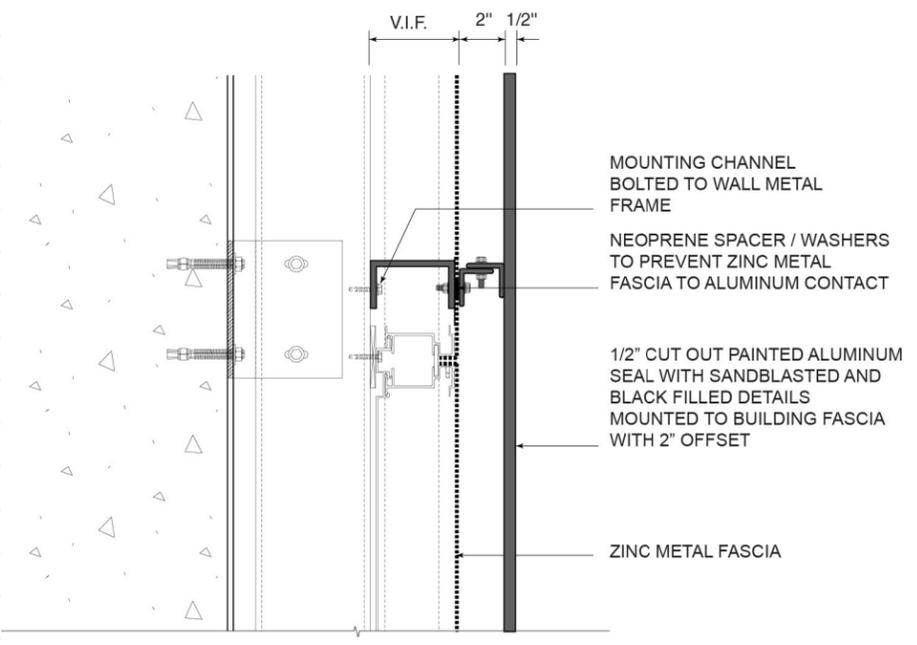
c:\pwworking\jacobson\project\1371895\1371895.dwg  
 1/22/2015



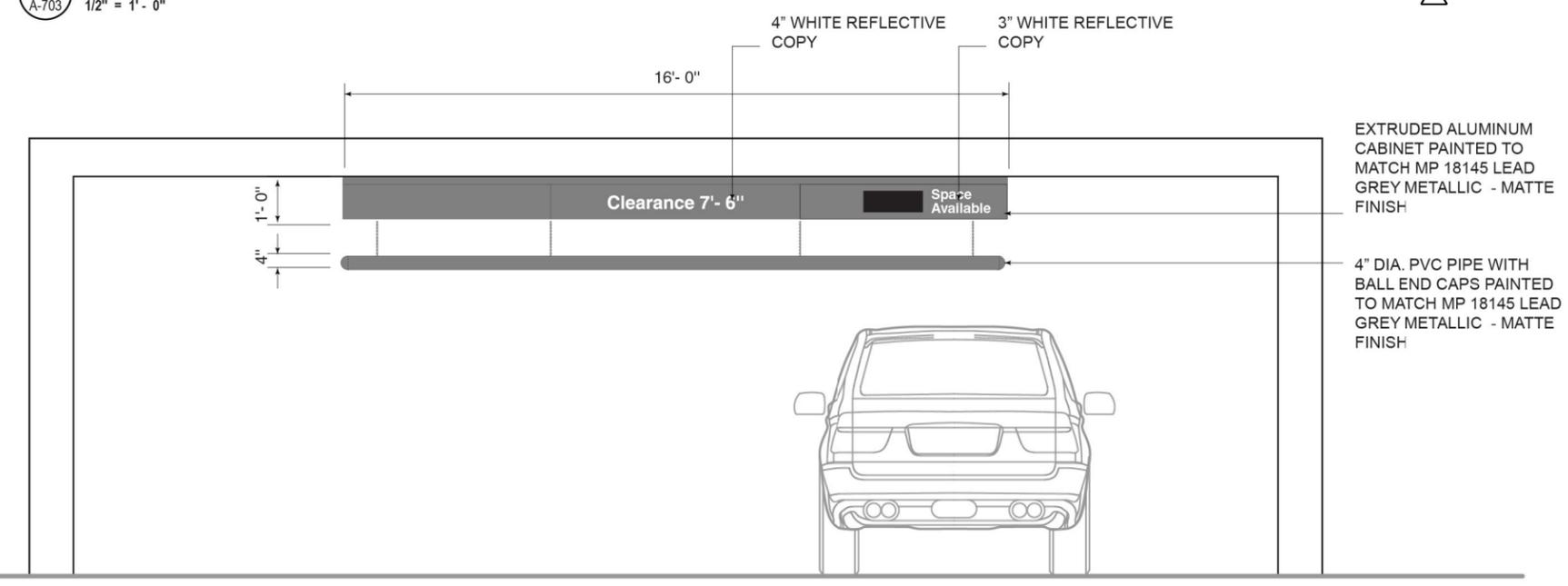
**B1** ELEVATION - SIGN SID - SEAL IDENTITY SIGN  
A-703 1/2" = 1' - 0"



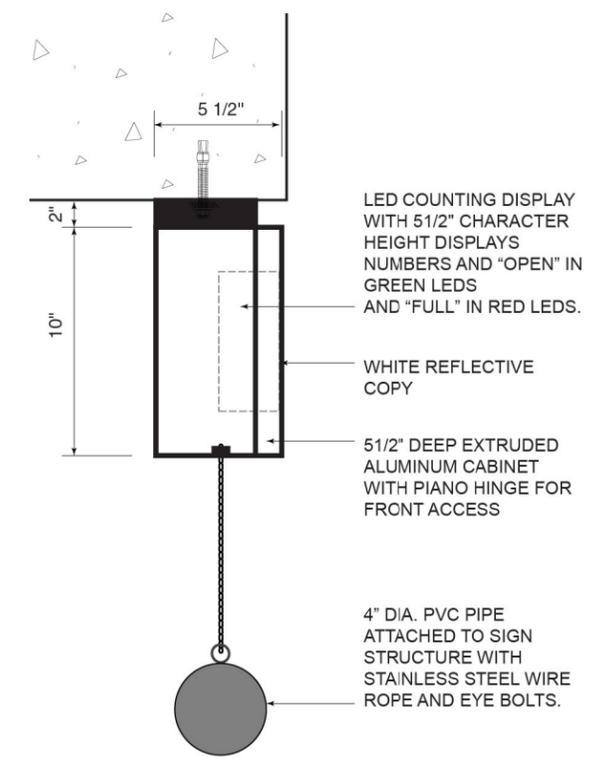
**B2** ELEVATION - SIGN SID - SEAL IDENTITY SIGN DETAILS  
A-703 1 1/2" = 1' - 0"



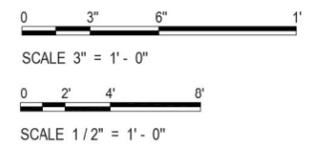
**C4** MOUNTING DETAIL - SIGN TYPE SID  
A-703 3" = 1' - 0"



**A1** ELEVATION - SIGN TYPE CB - CLEARANCE BAR SIGN  
A-703 1/2" = 1' - 0"



**A4** SIDE ELEVATION  
A-703 3" = 1' - 0"



DATE	1/22/15
DESCRIPTION	ADDED DETAIL B2
APPR	
<b>JACOBS</b> 1100 NORTH GLEBE ROAD SUITE 500 ARLINGTON, VIRGINIA 22201 571.218.1000 FAX: 571.218.1600	
APPROVED	
FOR COMMANDER NAVFAC	
ACTIVITY	N61152-NSA ANNAPOLIS
SATISFACTORY TO	DATE 10/28/2014
DES SP	DRW SP
CHK	WS
<<PM/DM>>	AD/IC
BRANCH MANAGER	
CHIEF ENG/ARCH	
<<XXX>>	
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND
PWS ANNAPOLIS	ANNAPOLIS, MD
US NAVAL ACADEMY	ANNAPOLIS, MD
<b>P-621 CENTER FOR CYBER SECURITY STUDIES</b> <b>PARKING GARAGE</b> SIGNAGE ELEVATIONS AND DETAILS	
SCALE:	AS NOTED
PROJECT NO.:	1371895
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	13068380
SHEET	71 OF 119
<b>A-703</b>	
<small>DRAWING REVISION: 10 MARCH 2009</small>	

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 1/22/2015