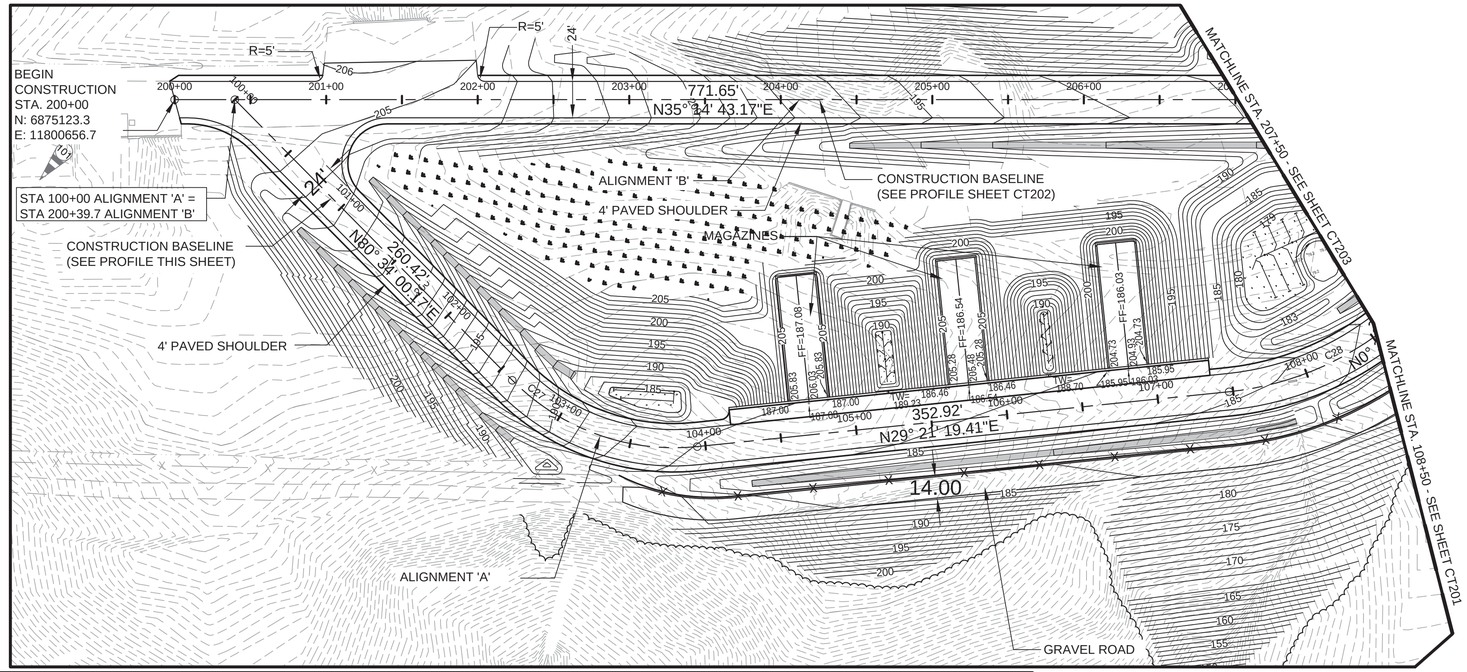
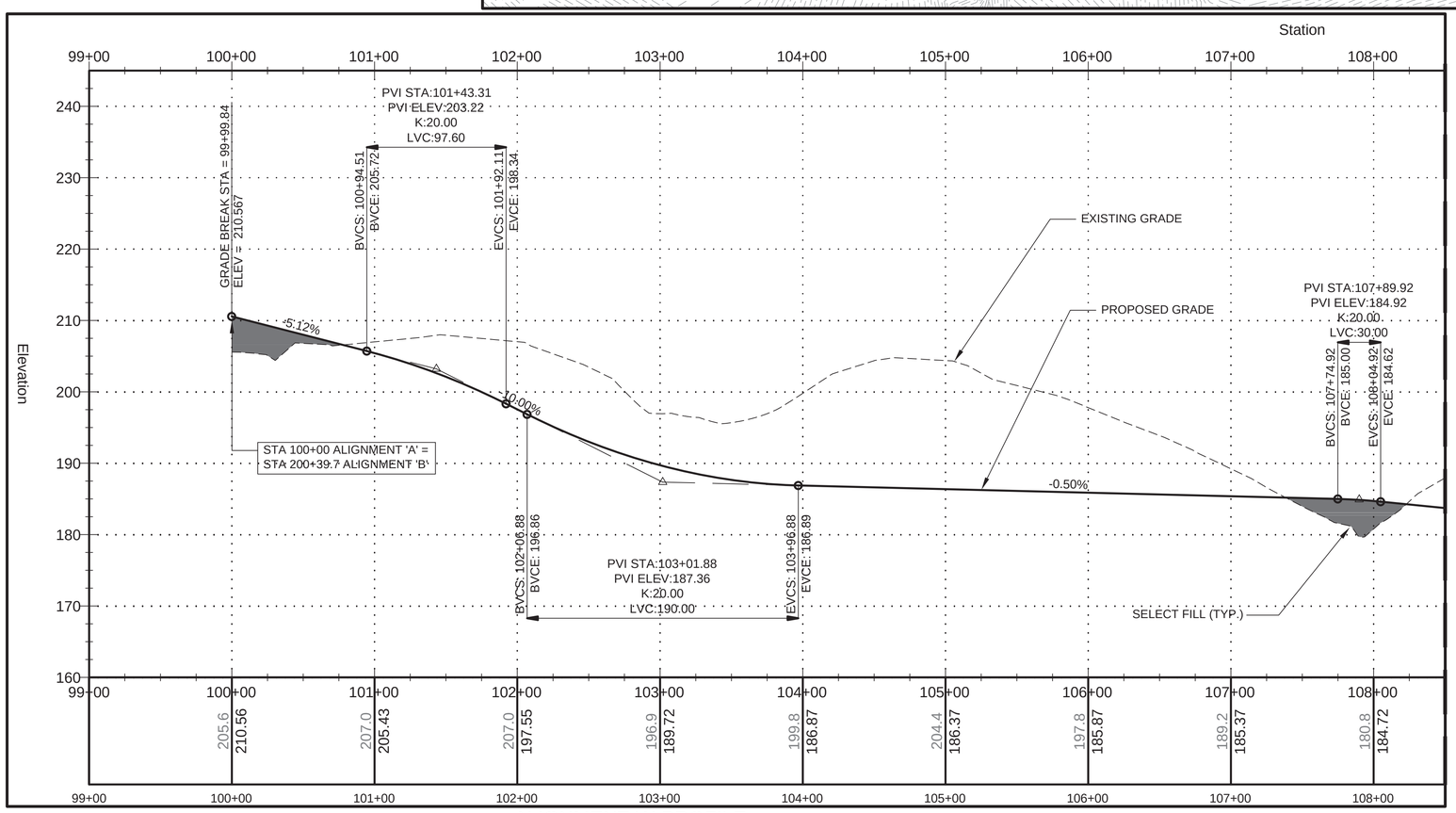




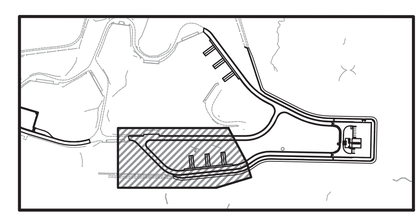
ALIGNMENT 'A' PROFILE

HORIZONTAL SCALE: 1"= 50'

VERTICAL SCALE: 1"= 10'

ASPHALT ROAD CURVE TABLE

Curve Table: Alignments					
Curve #	Radius	Length	Delta Angle	Start Station	End Station
C27	150.000	134.071	51.2113	102+60.42	103+94.49
C28	200.000	104.720	30.0000	107+47.42	108+52.14
C29	200.000	129.478	37.0927	108+78.13	110+07.61
C30	200.000	220.164	63.0725	207+71.65	209+91.82
C31	500.000	224.491	25.7248	300+83.66	303+08.15
C32	425.000	194.258	26.1886	305+26.59	307+20.85



KEY PLAN
SCALE: 1" = 500'

APPR	DATE	DESCRIPTION	SYM

NAVFAC

COMMONWEALTH OF VIRGINIA
06/10/2015
BRADFORD D. WEINERT
No. 022244
PROFESSIONAL ENGINEER

SEAL

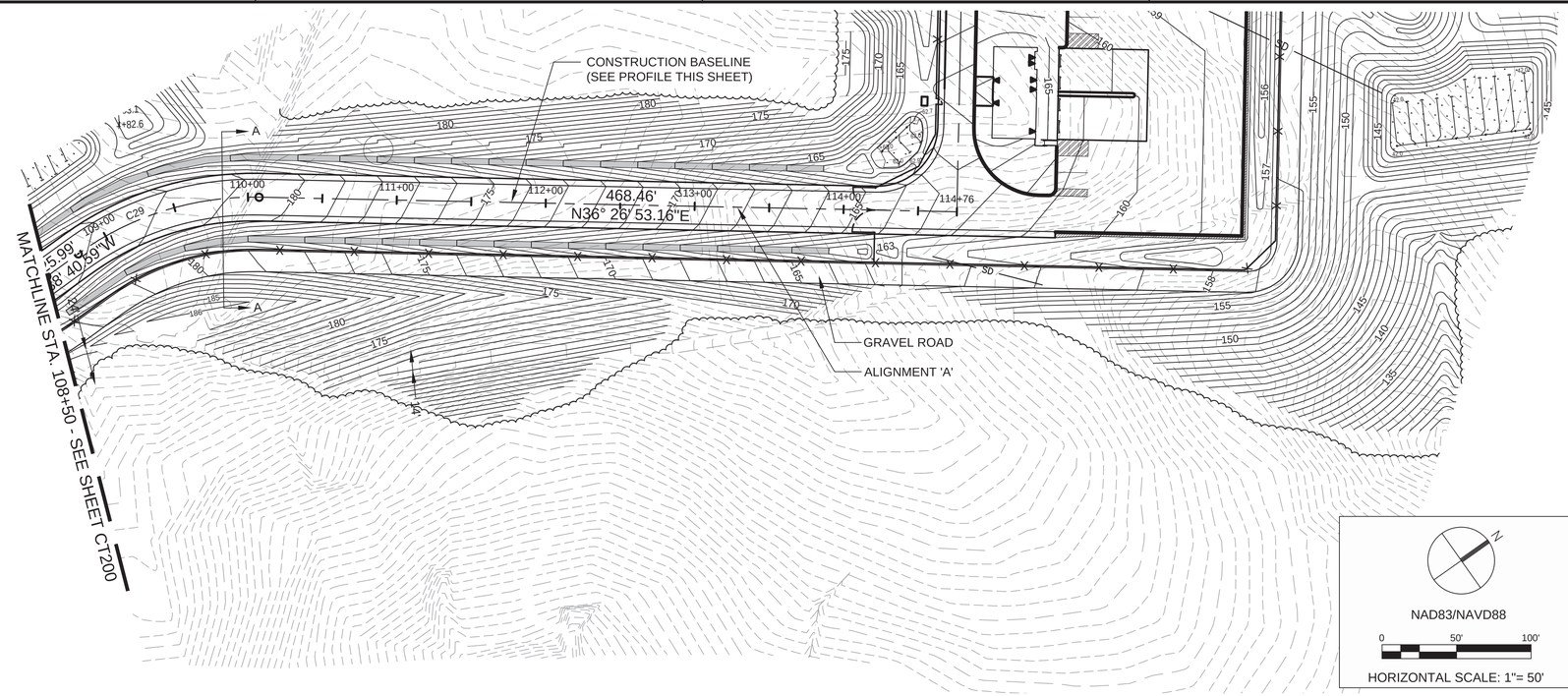
JACOBS
1100 NORTH GLEBE ROAD SUITE 500
ARLINGTON, VIRGINIA 22201
TEL (571) 218-1000 FAX (571) 218-1600
A/E INFO

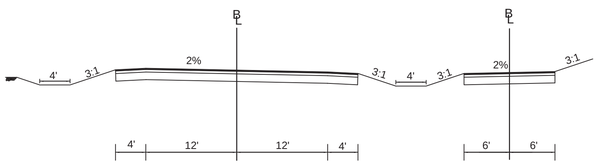
APPROVED
FOR COMMANDER NAVFAC 10 June 2015
ACTIVITY
SATISFACTORY TO DATE Signed by email 18 May 2015
DES HR DRW HR CHK RC
<<PM/DM>>
BRANCH MANAGER MS
CHIEF ENG/ARCH THC
FIRE PROTECTION KTD

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE – QUANTICO
QUANTICO, VA
P-635 ASP EXPANSION
ROADWAY PLAN AND PROFILE

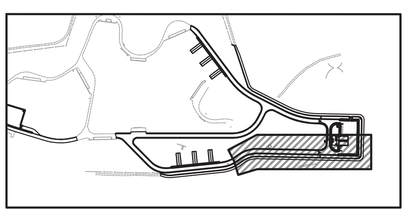
SCALE: AS NOTED
EPROJECT NO.: 1312142
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 13072247
SHEET 31 OF 201
CT200
DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: C:\pwworking\pbna\crowlers\d0751223\NAVFAC_P635CT-200.dwg LAYOUT NAME: CT200 PLOTTED: Wednesday, June 10, 2015 - 5:08pm USER: crowlers

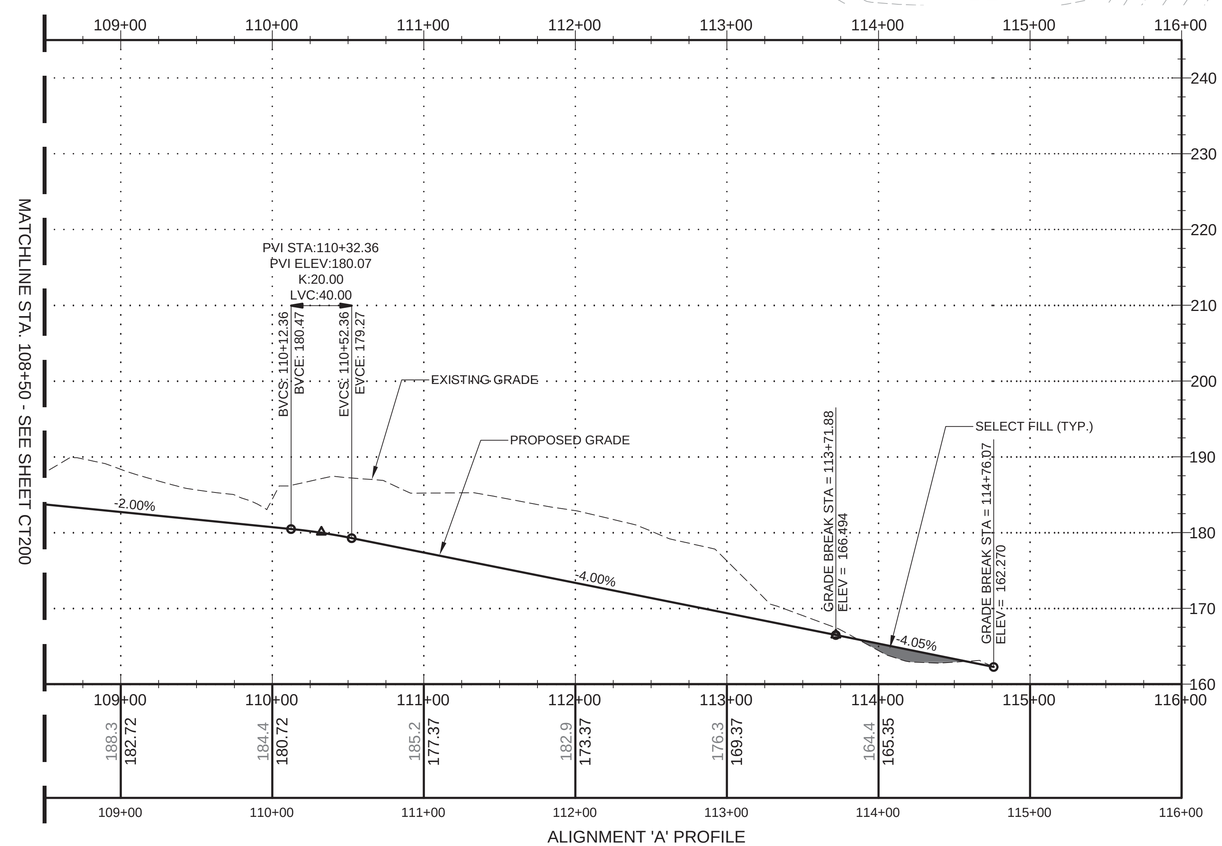




SECTION A-A
N.T.S.



KEY PLAN
SCALE: 1" = 500'



0 50' 100'
HORIZONTAL SCALE: 1"= 50'

0 10' 20'
VERTICAL SCALE: 1"= 10'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

COMMONWEALTH OF VIRGINIA
06/10/2015
BRADFORD D. WEINERT
No. 022244
PROFESSIONAL ENGINEER
SEAL

JACOBS
1100 NORTH GLEBE ROAD SUITE 500
ARLINGTON, VIRGINIA 22201
TEL (571) 218-1000 FAX (571) 218-1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 15 June 2015
ACTIVITY
SATISFACTORY TO DATE Signed by email 15 May 2015

DES	DRW	CHK
HR	HR	RC

<<PM/DM>>	
BRANCH MANAGER	MS
CHIEF ENG/ARCH	THC
FIRE PROTECTION	KTD

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE – QUANTICO
QUANTICO, VA
P-635 ASP EXPANSION
ROADWAY PLAN AND PROFILE

SCALE:	AS NOTED
EPROJECT NO.:	1312142
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	13072248
SHEET	32 OF 201

CT201

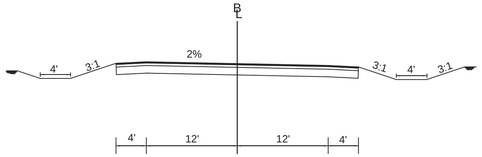
DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: C:\pwworking\gbna\crowlers\d0751223\NAVFAC_P635CT-201.dwg LAYOUT NAME: CT201 PLOTTED: Wednesday, June 10, 2015 - 4:39pm USER: crowlers

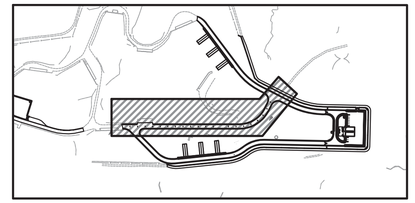
NAD83/NAVD88

0 50' 100'

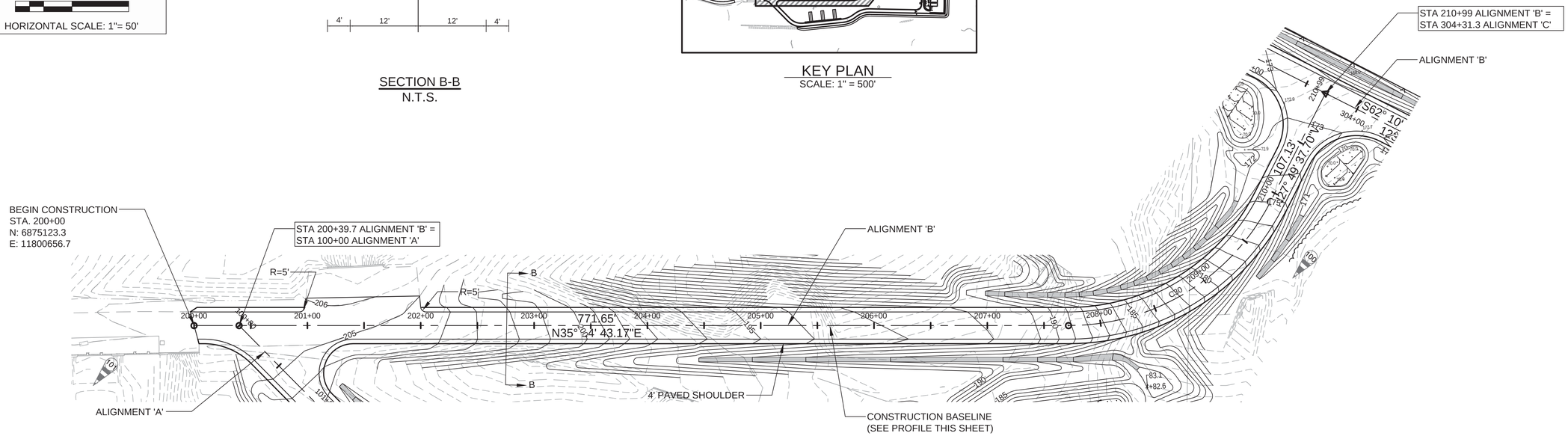
HORIZONTAL SCALE: 1"= 50'

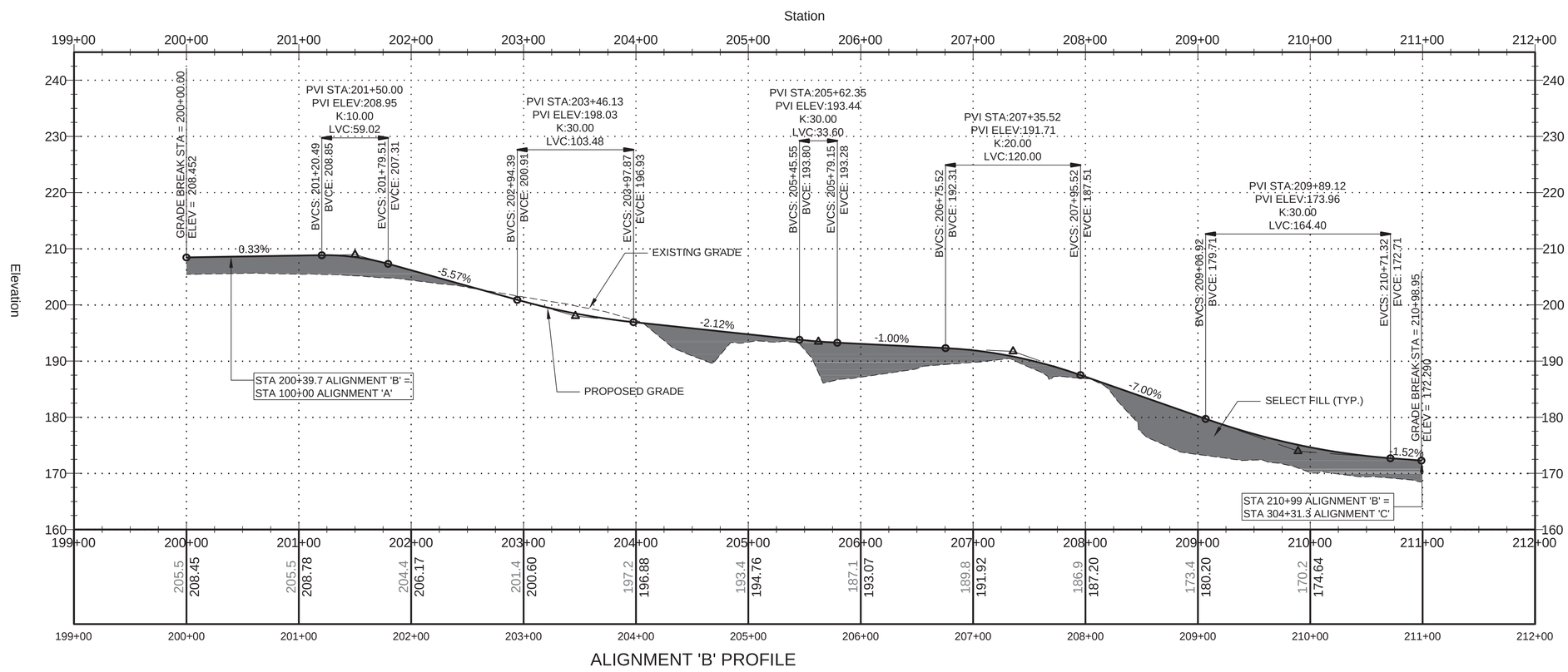


SECTION B-B
N.T.S.



KEY PLAN
SCALE: 1" = 500'





ALIGNMENT 'B' PROFILE

0 50' 100'

HORIZONTAL SCALE: 1"= 50'

0 10' 20'

VERTICAL SCALE: 1"= 10'

SYM	DESCRIPTION	DATE	APPR

NAVFAC

COMMONWEALTH OF VIRGINIA
06/10/2015
BRADFORD D. WEINERT
No. 022244
PROFESSIONAL ENGINEER

SEAL

JACOBS
1100 NORTH GLEBE ROAD SUITE 500
ARLINGTON, VIRGINIA 22201
TEL (571) 218-1000 FAX (571) 218-1600

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 18 June 2015

ACTIVITY
SATISFACTORY TO DATE Signed by email 15 May 2015

DES	HR	DRW	HR	CHK	RC
<<PM/DM>>					
BRANCH MANAGER					MS
CHIEF ENG/ARCH					THC
FIRE PROTECTION					KTD

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE – QUANTICO
QUANTICO, VA

P-635 ASP EXPANSION

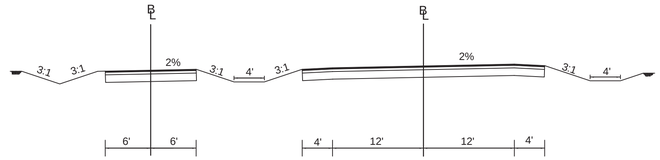
ROADWAY PLAN AND PROFILE

SCALE: AS NOTED
EPROJECT NO.: 1312142
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
13072249
SHEET 33 OF 201

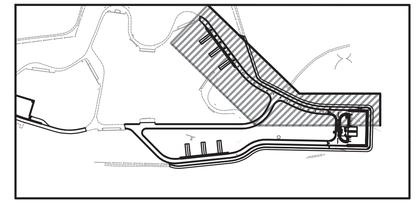
CT202

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: C:\pwworking\gbro\crowlera\d0751223\NAVFAC_P635CT-202.dwg LAYOUT NAME: CT202 PLOTTED: Wednesday, June 10, 2015 - 4:39pm USER: crowlera



SECTION C-C
N.T.S.

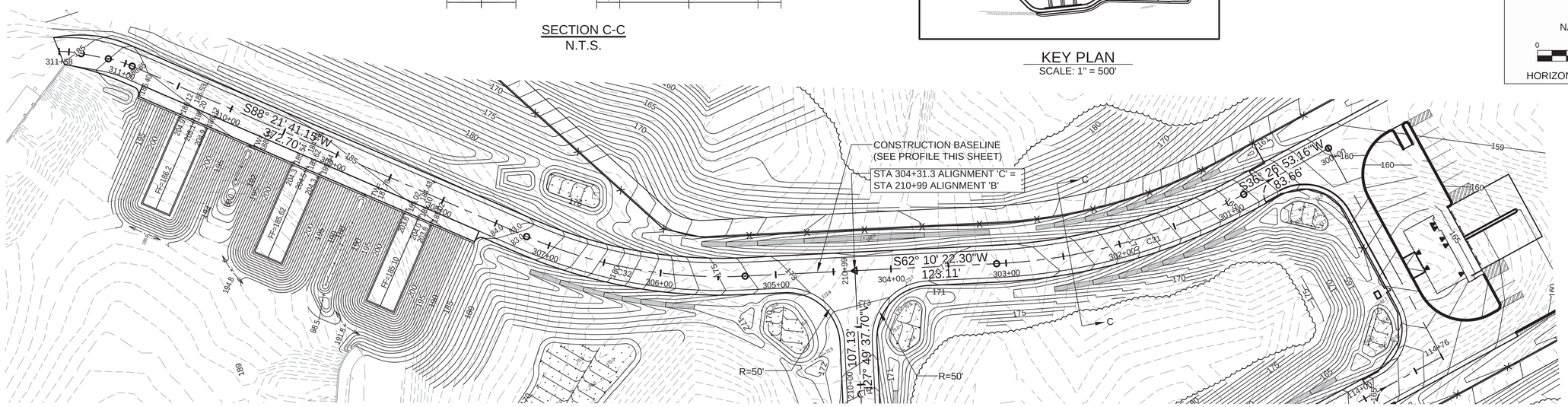


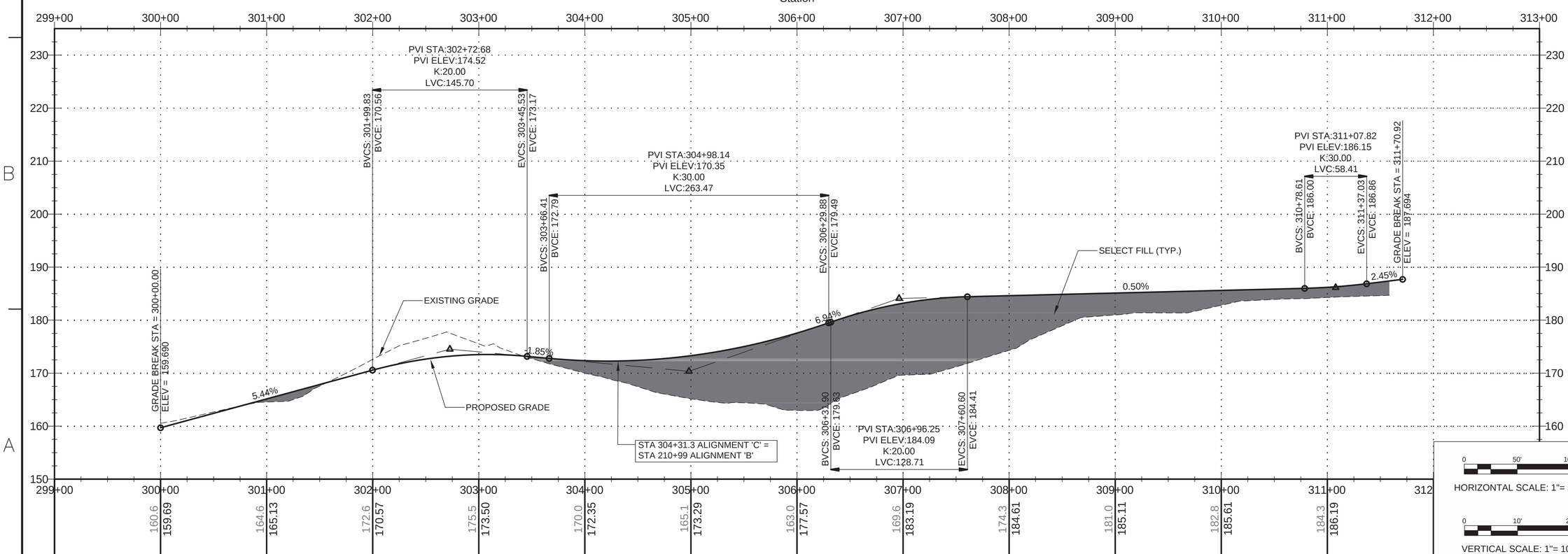
KEY PLAN
SCALE: 1" = 500'

NAD83/NAVD88

0 50' 100'

HORIZONTAL SCALE: 1"= 50'





0 50' 100'

HORIZONTAL SCALE: 1"= 50'

0 10' 20'

VERTICAL SCALE: 1"= 10'

ALIGNMENT 'C' PROFILE

APPR	DATE	DESCRIPTION	SYM

NAVFAC

COMMONWEALTH OF VIRGINIA
06/10/2015
BRADFORD D. WEINERT
No. 022244
PROFESSIONAL ENGINEER
SEAL

JACOBS
1100 NORTH GLEBE ROAD SUITE 500
ARLINGTON, VIRGINIA 22201
TEL (571) 218-1000 FAX (571) 218-1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 18 June 2015
ACTIVITY
SATISFACTORY TO DATE Signed by email 18 May 2015
DES HR DRW HR CHK RC
<<PM/DM>>
BRANCH MANAGER MS
CHIEF ENG/ARCH THC
FIRE PROTECTION KTD

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE – QUANTICO
QUANTICO, VA
P-635 ASP EXPANSION
ROADWAY PLAN AND PROFILE

SCALE: AS NOTED
EPROJECT NO.: 1312142
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 13072250
SHEET 34 OF 201
CT203
DRAWFORM REVISION: 10 MARCH 2009

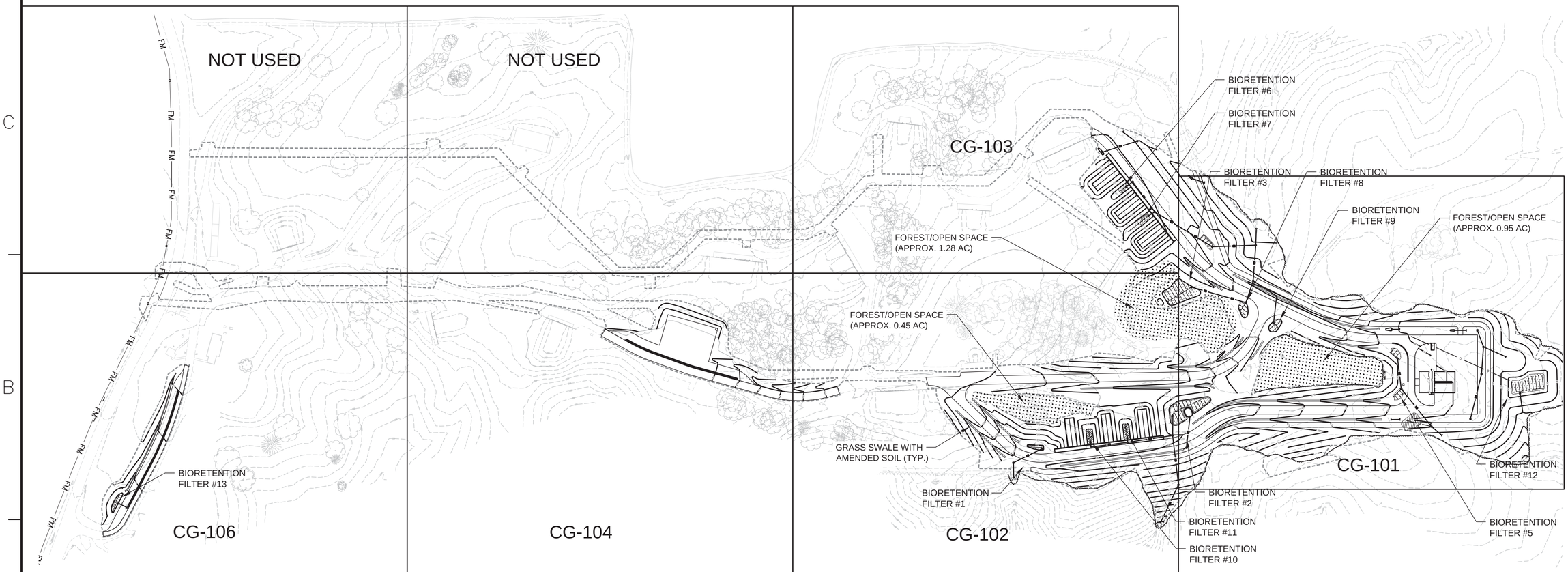
FILE NAME: C:\pwworking\gbna\crowlers\d0751223\NAVFAC_P635CT-203.dwg LAYOUT NAME: CT203 PLOTTED: Wednesday, June 10, 2015 - 4:40pm USER: crowlers

NOTES:

1. BF = BIORETENTION FILTER. SEE DET. D4, SHT. CG-507.

2. FOREST/OPEN SPACE IS TO SERVE AS A SWM AREA. ACCEPTABLE USES/ACTIVITIES MAY INCLUDE FOREST MANAGEMENT, CONTROL OF INVASIVE SPECIES, REPLANTING AND REVEGETATION, PASSIVE RECREATION, AND LIMITED BRUSH HOGGING. ACTIVITIES ARE PERFORMED TO MAINTAIN DESIRED VEGETATIVE COMMUNITY.

3. SEE D5, SHT. CG-508 FOR GRASS CHANNEL DETAIL AND STATION LOCATIONS.



SYM	DESCRIPTION	DATE	APPR

NAVFAC

COMMONWEALTH OF VIRGINIA
06/10/2015
BRADFORD D. WEINERT
No. 022244
PROFESSIONAL ENGINEER

SEAL

JACOBS
1100 NORTH GLEBE ROAD SUITE 500
ARLINGTON, VIRGINIA 22201
TEL (571) 218-1000 FAX (571) 218-1600

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 18 June 2015

ACTIVITY
SATISFACTORY TO DATE Signed by email 18 June 2015

DES	HR	DRW HR	CHK RC
<<PM/DM>>			
BRANCH MANAGER			MS
CHIEF ENG/ARCH			THC
FIRE PROTECTION			KTD

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE – QUANTICO
QUANTICO, VA
P-635 ASP EXPANSION
OVERALL SITE GRADING PLAN

SCALE: AS NOTED
EPROJECT NO.: 1312142
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
13072251
SHEET 35 OF 201
CG-100

DRAWFORM REVISION: 10 MARCH 2009

FILE NAME: C:\pwworking\ghoa\crowlero\d0751223\NAVFAC_P635CG-100.dwg LAYOUT NAME: CG-100 PLOTTED: Wednesday, June 10, 2015 - 4:17pm USER: crowlero