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GI003	LEGEND & NOTES	12522770
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CD002	EXISTING UTILITY SCHEDULES	12522772
CD003	EROSION CONTROL MAP – MTACS AND MWCS SITES	12522773
CD004	EROSION CONTROL MAP – MACS ATC SITE	12522774
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CD102	EXISTING CONDITIONS / DEMOLITION PLAN	12522777
CD103	EXISTING CONDITIONS / DEMOLITION PLAN	12522778
CD104	EXISTING CONDITIONS / DEMOLITION PLAN	12522779
CD105	EXISTING CONDITIONS / DEMOLITION PLAN	12522780
CD106	EXISTING CONDITIONS / DEMOLITION PLAN	12522781
CD107	EXISTING CONDITIONS / DEMOLITION PLAN	12522782
CD108	EXISTING CONDITIONS / DEMOLITION PLAN	12522783
CD109	EXISTING CONDITIONS / DEMOLITION PLAN	12522784
CD110	EXISTING CONDITIONS / DEMOLITION PLAN	12522785
CD111	EXISTING CONDITIONS / DEMOLITION PLAN	12522786
CD112	EXISTING CONDITIONS / DEMOLITION PLAN	12522787
CD113	EXISTING CONDITIONS / DEMOLITION PLAN	12522788
CD114	EXISTING CONDITIONS / DEMOLITION PLAN	12522789
CD115	EXISTING CONDITIONS / DEMOLITION PLAN	12522790
CD116	EXISTING CONDITIONS / DEMOLITION PLAN	12522791
CD117	EXISTING CONDITIONS / DEMOLITION PLAN	12522792
CD118	EXISTING CONDITIONS / DEMOLITION PLAN	12522793
CS001	KEY PLAN – LAYOUT & UTILITY/ GRADING & DRAINAGE	12522794
CS101	MTACS BUILDING 4413 EXPANSION – LAYOUT AND UTILITY PLAN	12522795
CS102	MTACS MODULAR BUILDING – LAYOUT AND UTILITY PLAN	12522796
CS103	MWCS MODULAR BUILDING – LAYOUT AND UTILITY PLAN	12522797
CS104	MWCS PRE-ENGINEERED BUILDING – LAYOUT AND UTILITY PLAN	12522798
CS105	MACS ATC DETACHMENT BUILDING – LAYOUT AND UTILITY PLAN	12522799
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CS114	MACS ATC OPERATIONAL SITE – LAYOUT PLAN	12522808
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CG003	DRAINAGE AREA MAP/ EXISTING CONDITIONS – MACS ATC SITE	12522811
CG004	DRAINAGE AREA MAP/ EXISTING CONDITIONS – MACS ATC OPERATIONAL SITE	12522812
CG101	MTACS BUILDING 4413 EXPANSION – GRADING AND DRAINAGE PLAN	12522813
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CG103	MWCS MODULAR BUILDING – GRADING AND DRAINAGE PLAN	12522815
CG104	MWCS PRE-ENGINEERED BUILDING – GRADING AND DRAINAGE PLAN	12522816
CG105	MACS ATC DETACHMENT BUILDING – GRADING AND DRAINAGE PLAN	12522817
CG106	MACS ATC DETACHMENT BUILDING – GRADING AND DRAINAGE PLAN	12522818
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CG110	MACS ATC OPERATIONAL SITE – GRADING PLAN	12522822
CG111	MACS ATC OPERATIONAL SITE – GRADING PLAN	12522823
CG112	MACS ATC OPERATIONAL SITE – GRADING PLAN	12522824
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CG301	10" FIRE WATER LINE PROFILE – STA. 10+00.00 TO STA. 17+69.95	12522826
CG302	10" FIRE WATER LINE PROFILE – STA. 17+69.95 TO STA. 25+79.95	12522827
CG303	10" FIRE WATER LINE PROFILE – STA. 25+79.95 TO STA. 33+89.95	12522828
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CG504	SITE DETAILS	12522840
CG505	SAND FILTER/ OUTFALL STRUCTURE DETAILS	12522841
CG506	SITE DETAILS	12522842
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S-002	GENERAL NOTES AND ABBREVIATIONS	12522846
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SCHEDULE OF DRAWINGS

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F-106	MACS ATC DETACHMENT BUILDING – FIRE ALARM PLANS	12522900
F-107	MACS ATC DETACHMENT BUILDING – SPRINKLER SYSTEM PLAN	12522901
F-108	FIRE PUMP PLANS	12522902
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P-104	FIRE PUMP HOUSE FLOOR PLAN– NEW WORK	12522908
P-401	ENLARGED MACS ATC DETACHMENT BUILDING PLAN – NEW WORK	12522909
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ES104	MWCS PRE-ENGINEERED BUILDING SITE PLAN – NEW WORK	12522933
ES105	MACS ATC DETACHMENT BUILDING AND OPERATIONAL SITE PLAN – NEW WORK	12522934
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ES110	MACS ATC OPERATIONAL SITE PLAN – NEW WORK	12522939
ES111	MACS ATC OPERATIONAL SITE PLAN – NEW WORK	12522940
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REV	DATE	DESCRIPTION	STM	APPR
1	9/9/08	AMENDMENT (TITLE REVISION)		

C. ALLAN BAMFORTH, JR.
ENGINEER-SURVEYOR, LTD.
NORFOLK, VIRGINIA

NORTH CAROLINA PROFESSIONAL SEAL 8302 C. ALLAN BAMFORTH, JR.
08/08/08

SEAL

SUBMITTED BY
FIRM MEMBER DATE
APPROVED
ACTMTY – SATISFACTORY TO DATE
APPROVED
FOR COMMANDER NAVFAC DATE
DES DR
CHK QC
DESIGNER
REVIEWED BY
QC
AIC/EIC
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

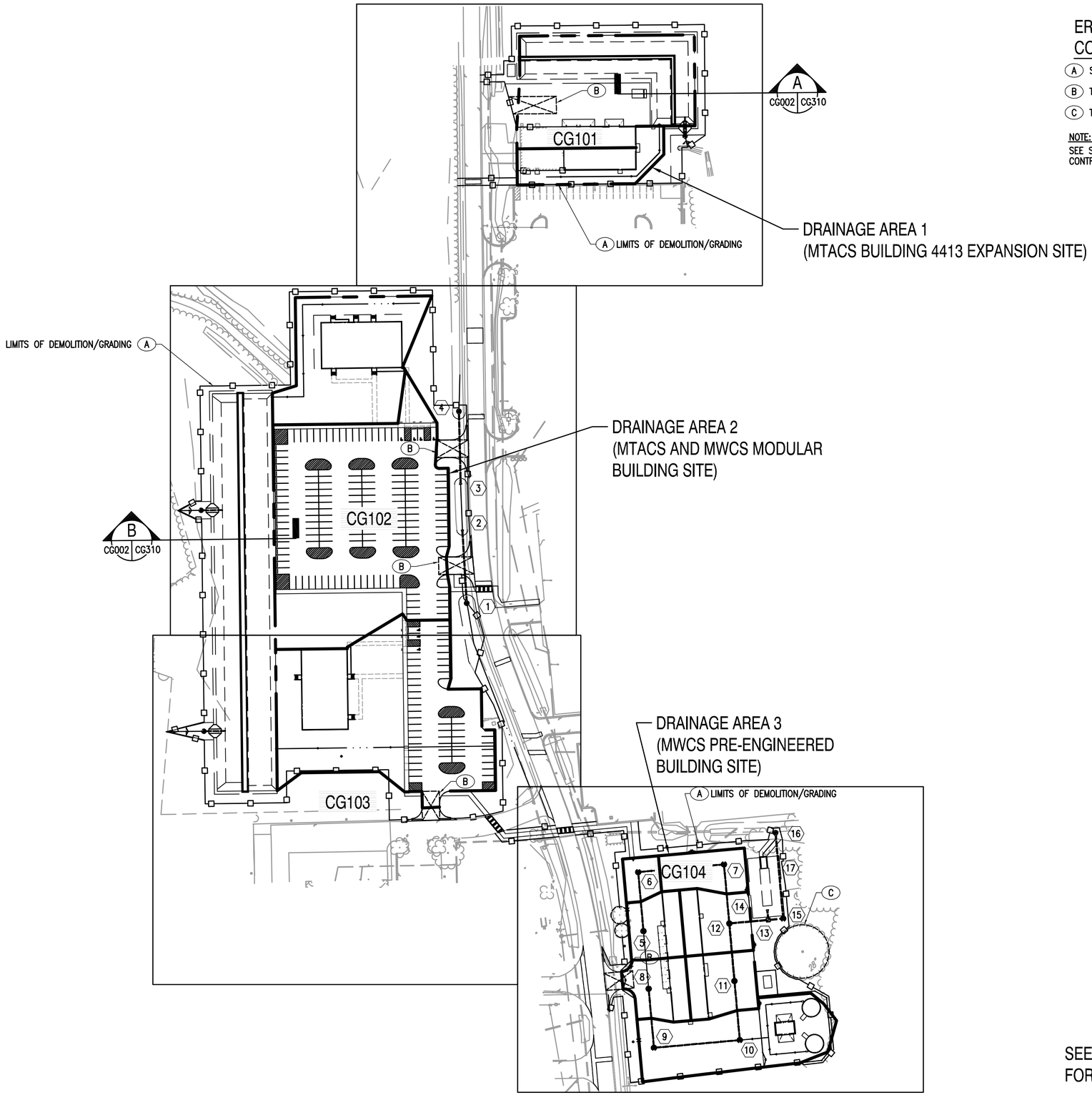
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC MID-ATLANTIC
NORFOLK, VIRGINIA
MC/NC IPT
MARINE CORPS AIR STATION
CHERRY POINT, NC
SQUADRON FACILITIES:
MTACS, MWCS, MACS
INDEX OF DRAWINGS

CODE ID. NO. 80091 SIZE D
SCALE: NONE
MAXIMO NO. P-171
JOB ORDER NO. 17586
SPEC. NO. 791882
CONSTR. CONTR. NO. 791882
NAVFAC DRAWING NO. 12522769
SHEET 2 OF 198

GI002

DRAWFORM REVISION: 01 AUGUST 2004

REVDATE FILE NAME: K:\CAD\G709\AMENDMENT SET 8-23-08\791882-GI-002.dwg LAYOUT NAME: GI002 PLOTTED: Tuesday, September 16, 2008 - 9:23am



EROSION & SEDIMENT CONTROL MEASURES

- (A) SILT FENCE
- (B) TEMPORARY CONSTRUCTION ENTRANCE
- (C) TREE PROTECTION

NOTE:
SEE SHEETS CG506 – CG508 FOR EROSION CONTROL DETAILS.

SEE SHEETS CG310 AND CG311 FOR CROSS SECTIONS.

STM	DESCRIPTION	DATE	APPR
1	AMENDMENT (AREA TITLE REVISIONS)	9/5/08	

C. ALLAN BAMFORTH, JR.
ENGINEER–SURVEYOR, LTD.
NORFOLK, VIRGINIA

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 8302 C. ALLAN BAMFORTH, JR.
8/8/08
SEAL

SUBMITTED BY
FIRM MEMBER DATE
APPROVED
ACTMTY – SATISFACTORY TO DATE
APPROVED
FOR COMMANDER NAVFAC DATE
DES DR
CHK QC
DESIGNER
REVIEWED BY
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DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC MID-ATLANTIC
NORFOLK, VIRGINIA
MC/NC IPT
MARINE CORPS AIR STATION
CHERRY POINT, NC
SQUADRON FACILITIES:
MTACS, MWCS, MACS
DRAINAGE AREA MAP/ EXISTING CONDITIONS – MTACS AND MWCS SITES

CODE ID. NO. 80091 SIZE D
SCALE: NONE
MAXIMO NO. P–171
JOB ORDER NO. 17586
SPEC. NO. 791882
CONSTR. CONTR. NO. 791882
NAVFAC DRAWING NO. 12522810
SHEET 43 OF 198
CG002

DRAWFORM REVISION: 01 AUGUST 2004

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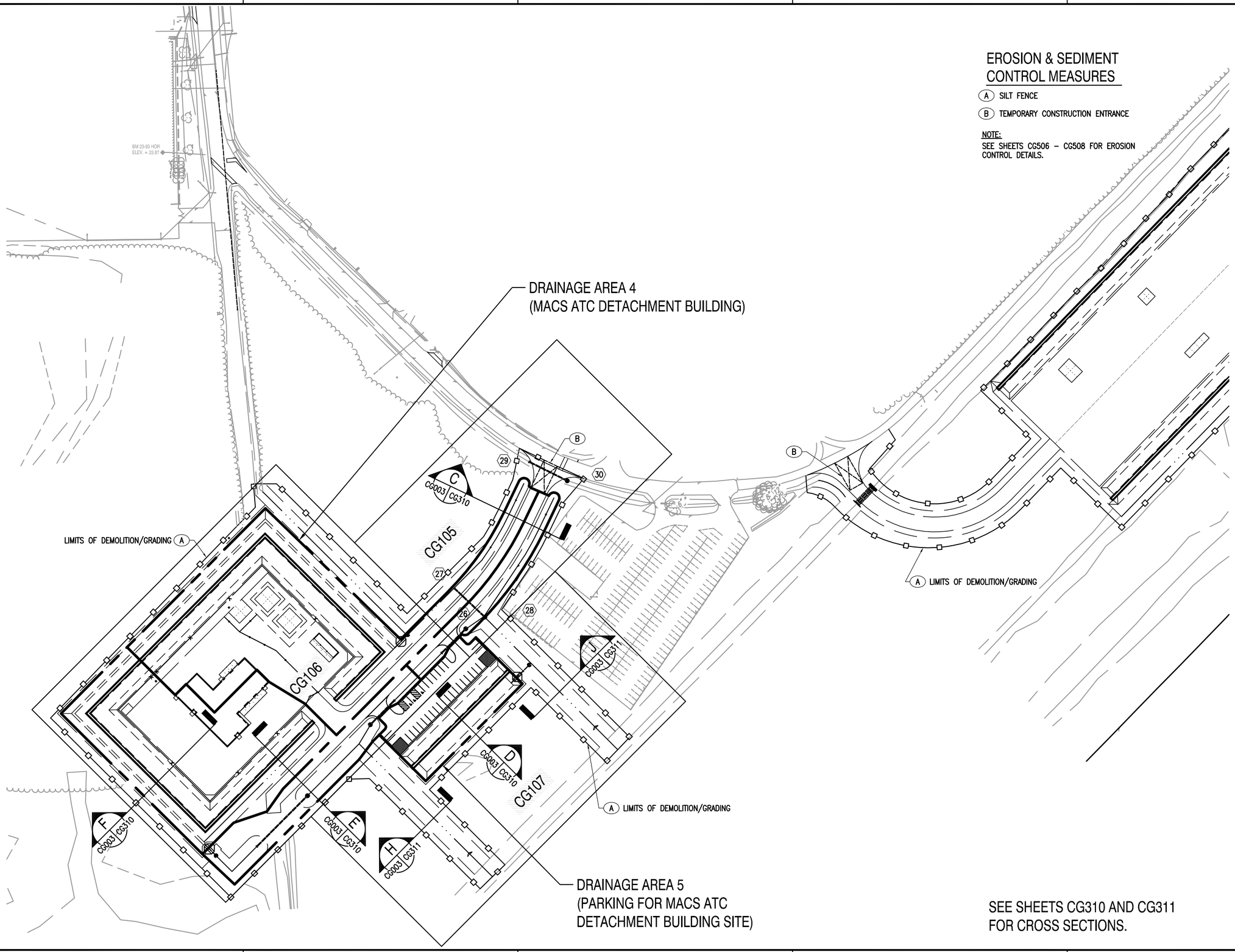


EROSION & SEDIMENT CONTROL MEASURES

(A) SILT FENCE

(B) TEMPORARY CONSTRUCTION ENTRANCE

NOTE:
SEE SHEETS CG506 – CG508 FOR EROSION CONTROL DETAILS.

SEE SHEETS CG310 AND CG311 FOR CROSS SECTIONS.

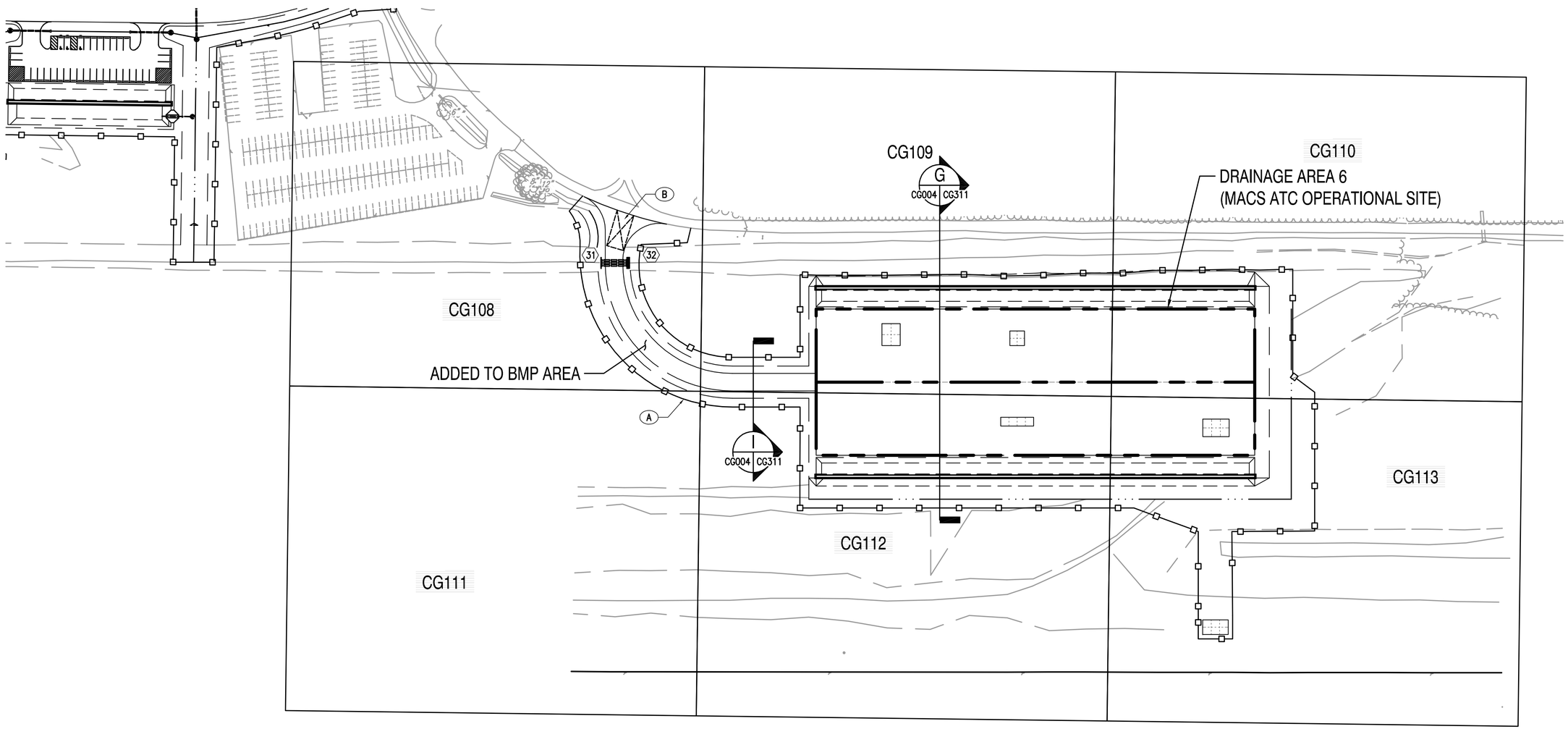
1	AMENDMENT (AREA TITLE REVISIONS)	9/5/08			

EROSION & SEDIMENT CONTROL MEASURES

(A) SILT FENCE

(B) TEMPORARY CONSTRUCTION ENTRANCE

NOTE:
SEE SHEETS CG506 – CG508 FOR EROSION CONTROL DETAILS.



SEE SHEETS CG310 AND CG311 FOR CROSS SECTIONS.

1	AMENDMENT (AREA TITLE REVISIONS)	9/5/08	

STM	DESCRIPTION	DATE	APPR

C. ALLAN BAMFORTH, JR.
ENGINEER–SURVEYOR, LTD.
NORFOLK, VIRGINIA

NORTH CAROLINA PROFESSIONAL SEAL 8302 C. ALLAN BAMFORTH, JR.
08/08/08
SEAL

SUBMITTED BY
FIRM MEMBER DATE
APPROVED
ACTIVITY – SATISFACTORY TO DATE
APPROVED
FOR COMMANDER NAVFAC DATE
DES DR
CHK QC
DESIGNER
REVIEWED BY
QC
AIC/EIC
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVFAC MID-ATLANTIC
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA
MC/NC IPT
MARINE CORPS AIR STATION
CHERRY POINT, NC
SQUADRON FACILITIES:
MTACS, MWCS, MACS
DRAINAGE AREA MAP/ EXISTING CONDITIONS – MACS ATC OPERATIONAL SITE

CODE ID. NO. 80091 SIZE D
SCALE: NONE
MAXIMO NO. P–171
JOB ORDER NO. 17586
SPEC. NO. 791882
CONSTR. CONTR. NO. 791882
NAVFAC DRAWING NO. 12522812
SHEET 45 OF 198
CG004

DRAWFORM REVISION: 01 AUGUST 2004

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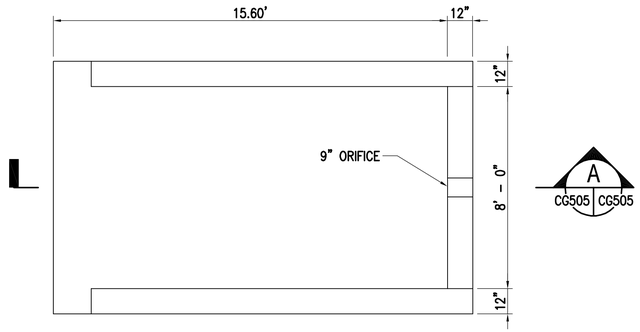
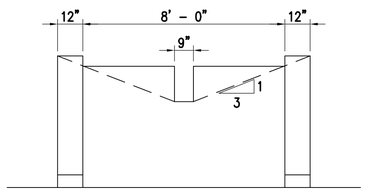


PLAN



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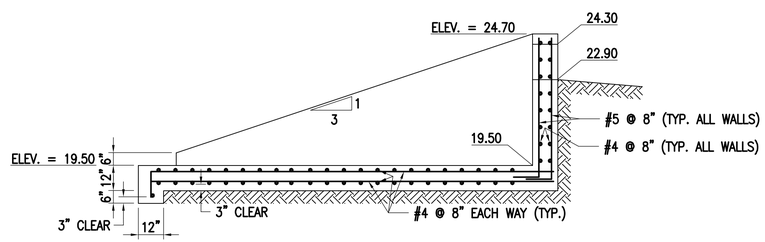
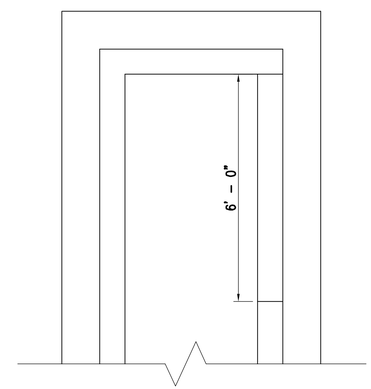
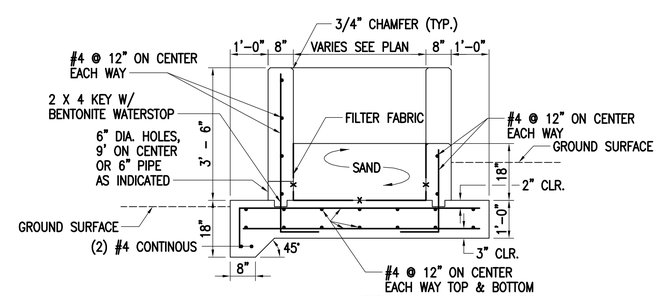


A SECTION
CG505 CG505

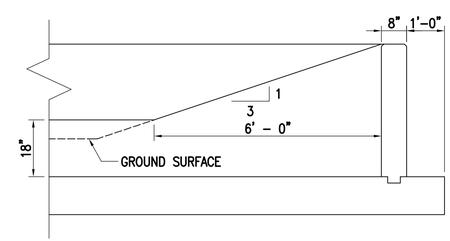
B2 OUTLET STRUCTURE
CS104 CG505
N.T.S.



PLAN



SECTION



SIDE VIEW

CS101 CS110
CS102 CS111
CS103 CS113
CS107 CS114
CS108

A4 SAND FILTER
CS505
N.T.S.

NOTE:

THE SAND FILTER SHALL BE CLEANED, WASHED COURSE MASONRY SAND SUCH AS ASTM C33. THE SAND PARTICLES SHALL BE LESS THAN 2 MM AVERAGE DIAMETER.

1	AMENDMENT (SAND FILTER REVISION)	9/2/08			
SYM	DESCRIPTION	DATE	APPR		

C. ALLAN BAMFORTH, JR.
ENGINEER–SURVEYOR, LTD.
NORFOLK, VIRGINIA

NORTH CAROLINA PROFESSIONAL SEAL 8302 C. ALLAN BAMFORTH, JR. 08/8/08

SEAL

SUBMITTED BY
FIRM MEMBER DATE
APPROVED
ACTMTY – SATISFACTORY TO DATE
APPROVED
FOR COMMANDER NAVFAC DATE
DES DR
CHK QC
DESIGNER
REVIEWED BY
QC
AIC/EIC
FIRE PROTECTION
BRANCH MANAGER
DESIGN DIRECTOR

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVFAC MID-ATLANTIC
NORFOLK, VIRGINIA
MC/NC IPT
MARINE CORPS AIR STATION
CHERRY POINT, NC
SQUADRON FACILITIES:
MTACS, MWCS, MACS
SAND FILTER/ OUTFALL STRUCTURE DETAILS

CODE ID. NO. 80091 SIZE D
SCALE: NONE
MAXIMO NO. P–171
JOB ORDER NO. 17586
SPEC. NO. 791882
CONSTR. CONTR. NO. 791882
NAVFAC DRAWING NO. 12522841
SHEET 74 OF 198

CG505

DRAWFORM REVISION: 01 AUGUST 2004

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