GENERAL SHEET NOTES

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KEY MAP

CLIN I
CLIN II
CLIN III
CLIN IV
CE329 CE330 CE301 CE302 CE303 CE304 CE305 CE306 CE307 CE308 CE309 CE310 CE311 CE312 CE313 CE314 CE315 CE316 CE317 CE318 CE320 CE321 CE322 CE223 CE325 CE326

MATCHLINE-SEE SHEET CE331

MATCHLINE-SEE SHEET CE302

MATCHLINE-SEE SHEET CE307

EXISTING LAKE WATER SURFACE ELEV. 1007.3'

LIMITS OF GROUND RUN TOPOGRAPHY

EX. WETLANDS

WETLAND 111b

OPEN WATER 111

EDGE OF WATER

75' IMPERVIOUS BUFFER

50' COUNTY BUFFER

25' STATE BUFFER

4TH STREET

CONCRETE DAM

ASPHALT DRIVE

MW

LOD

SF

ABANDON IN PLACE 64 LF 10" RCP

ABANDON IN PLACE 187 LF 10" RCP

START SILT FENCE - S-52 HW REMOVE EXISTING HEADWALL INV IN=1009.00 (W)

END SILT FENCE

CONCRETE WASHDOWN SEE DETAIL B1/CE501

TOP DIRECTION FLOW

S-50 ABANDON DI (2'x3') TOP=1017.22 INV OUT=1013.20 (SE)

S-50 0.08 Ac

S-51 0.17 Ac

S-51 ABANDON DI (2'x3') TOP=1017.24 INV IN=1011.80 (NW) INV OUT=1011.40 (E)

S-54 HW INV IN=1024.30 (S)

S-53 DI (2'x3') TOP=1032.62 INV OUT=1026.30 (N)

24" RCP

INV 1031.5

8"PVC

1032.0

APPROXIMATE FIBER PER LOCKHEED PLANS (UNABLE TO LOCATE)

10"DIP FORCE MAIN PER LOCKHEED PLANS

10"DIP FORCE MAIN (ABANDONED) PER LOCKHEED PLANS

10"DIP FORCE MAIN (ABANDONED)

REMOVE EXISTING 23 LF 24" RCP AND INSTALL 23 LF 24" RCP

REMOVE EXISTING 114 LF 24" RCP AND INSTALL 114 LF 24" RCP

REMOVE EXISTING 295 LF 18" CMP AND INSTALL 295 LF 18" RCP

REMOVE EXISTING 305 LF 18" CMP AND INSTALL 305 LF 18" RCP

REMOVE EXISTING 371 LF 36" CMP INSTALL 371 LF 36" RCP

S-100 TO REMAIN DI (2'x3') TOP=1026.89 INV OUT=1023.10 (E)

S-100 1.6 Ac

S-110 TO REMAIN DI (2'x3') TOP=1024.52 INV IN=1003.90 (W) INV IN=1003.90 (E) INV OUT=1003.80 (NE)

S-110 3.3 Ac

S-140 JB RAISE TOP TO FINISHED GRADE TOP=1015.50 INV IN=993.89 (SW) INV IN=994.14 (S) INV OUT=993.89 (NE)

S-170 JB TO REMAIN TOP=981.07 INV IN=975.40 (S) INV OUT=971.41 (NE)

S-180 DEMOLISH EXISTING AREA DRAIN AND INSTALL NEW DI TOP=993.88 INV OUT=986.77 (N)

S-180 0.93 Ac

TO BE LINED 152 LF 30" CMP

TO BE LINED 72 LF 30" CMP

6" CHAIN LINK FENCE

WOODED AREA

UNDISTURBED AREA - CONTOURS APPROXIMATE

POSSIBLE BURIED STRUCTURE PER DOBBINS GIS (NOT EVIDENT)

ACCESS ROAD

REGRADE TO DRAIN AND RESOD

Ds4 Sd1-S Sd2-B Sd2-F Co Ch-2

PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

CERTIFIED FINAL

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE0038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: J. DUERR
ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 4230216
A: ANSI D
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
3300 BROADWAY LANE, SUITE 500 CHARLESTON, SC 29403 PHONE (678) 539-2710 PHONE (678) 539-2719

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL FINAL PLAN

SHEET ID
CE301

FILE PATH: X:\PY23\123021804.CAD_BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION AND SEDIMENT CONTROL NOTES.
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MATCHLINE-SEE SHEET CE301

MATCHLINE-SEE SHEET CE303

MATCHLINE-SEE SHEET CE308

SEE SHEET CE403 FOR ENLARGEMENT

SEE SHEET CE404 FOR ENLARGEMENT

STREAM SAMPLING POINT #2

75' IMPERVIOUS BUFFER
50' COUNTY BUFFER
25' STATE BUFFER

APPROXIMATE END OF 24"RCP (PER SURVEY REF. #2) INV ±971.3

HW-36"CMP INV 971.3

S-341
JB
TOP=986.34
INV IN=977.55 (SW)
INV OUT=972.77 (NE)

S-340
HW
INSTALL SECURITY GRATE
INV=972.40 (SW)

S-333
JB
TOP=976.93
INV IN=970.37 (S)
INV OUT=965.74 (NE)

S-334
HW
INSTALL SECURITY GRATE
TOP=968.79
INV IN=965.50 (SW)

S-330
0.66 Ac

S-330
DI NEW INLET
REPLACE STRUCTURE
TOP=991.99
INV OUT=978.21 (NE)

S-332
REMOVE AND REPLACE DI
TOP=989.61
INV OUT=971.47 (N)

S-333
JB
TOP=976.93
INV IN=970.37 (S)
INV OUT=965.74 (NE)

S-270
DEMOLISH AND REPLACE EXISTING HEADWALL AND INSTALL ENERGY DISSIPATOR HEADWALL WITH SECURITY GRATE
INV IN=970.90 (SE)

DEMOLISH AND REPLACE EXISTING HEADWALL AND INSTALL SECURITY GRATE
INV IN=970.90 (S)

S-400
JB
TOP=1000.25
INV IN=994.82 (E)

END SILT FENCE

S-130
TO REMAIN

EX. WETLANDS

~WOODED AREA

ABANDONED SEWER TO PLANS

CONTOURS APPROXIMATE

Ch-2 Ds4 St Sd1-S Sd2-F

LOD SF TSF

749 750 1000 1005 1010 1015 1019 1020

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUERR
FILE NAME: CE301.dwg
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

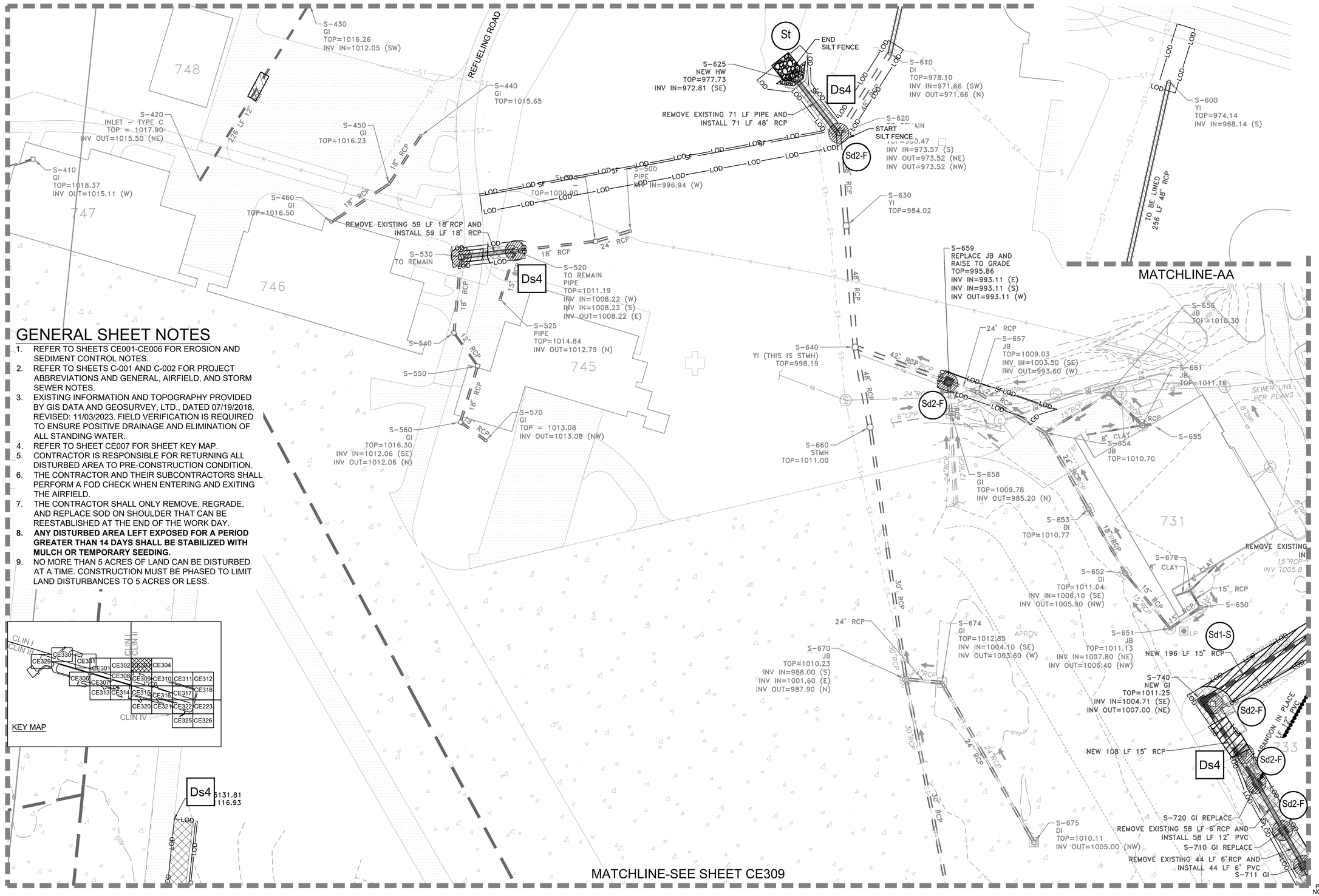
POND
3121 BUCKINGHAM ROAD, SUITE 200
BOISE, IDAHO 83706
PHONE (208) 338-0763
POND & COMPANY, LLC 30930

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL FINAL PLAN

SHEET ID
CE302

CERTIFIED FINAL

FILE PATH: X:\FY23\123021804.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA



GENERAL SHEET NOTES

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EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

FILE PATH: X:\PY23\12302\18\04.02.CAD_BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
REGISTERED PROFESSIONAL ENGINEER
GEORGIA
No. PE038055
TANYA L. NORMAN

DATE: 01/09/2026

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DESIGNED BY: T. NORMAN
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CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
SIZE: ANSI D
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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

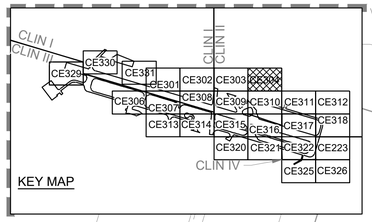
POND
POND
3300 BROADWAY LANE
SUITE 500 BROADWAY
CHARLESTON, SC 29406
PHONE (678) 539-2753
WWW.POND.COM

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE303

A1

CERTIFIED FINAL



KEY MAP

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PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

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DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUERR
ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 423026
FILE NAME: CE301.dwg
ANSI D

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

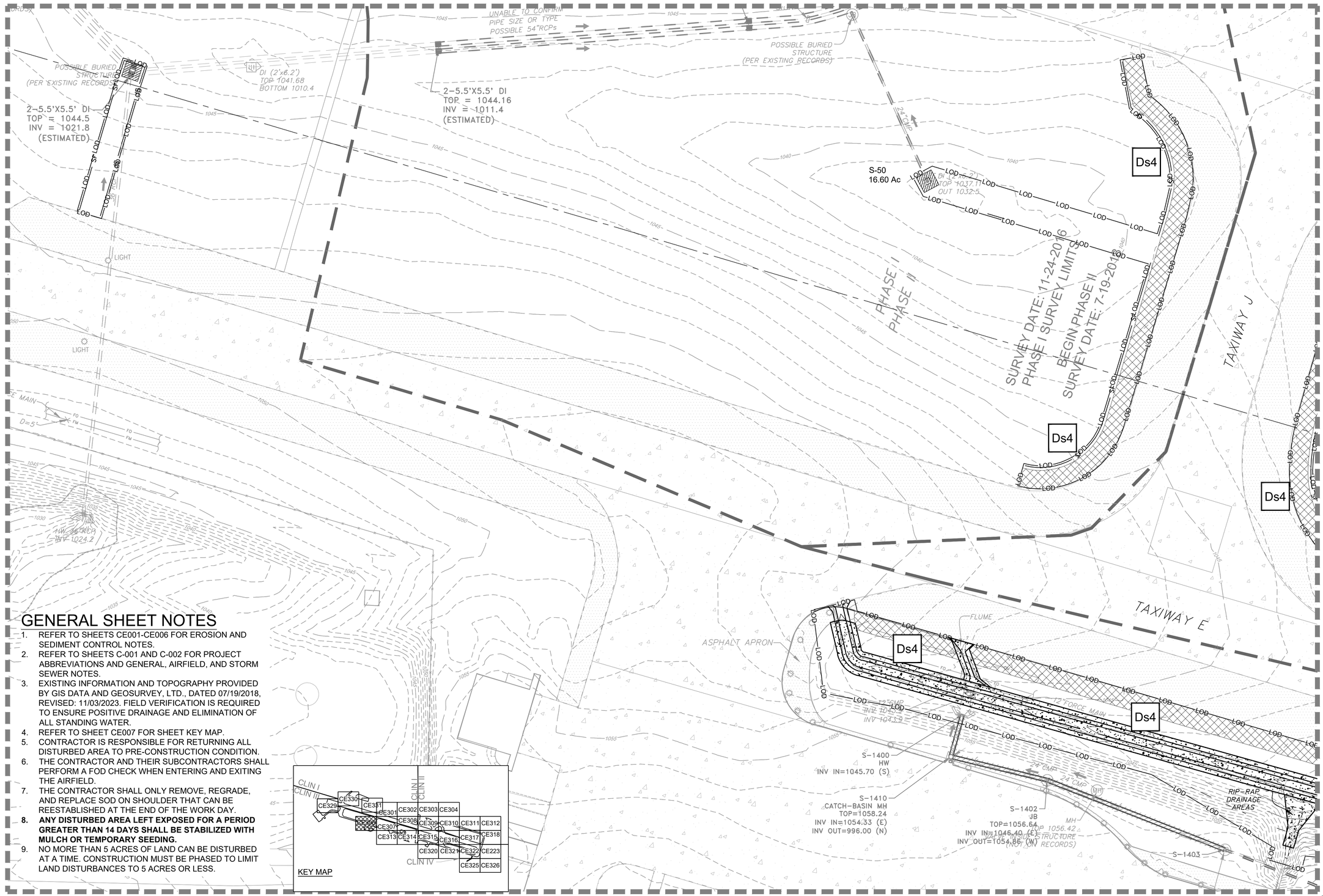
POND
3025 PARKWAY LANE
SUITE 300
NORCROSS, GA 30092
PHONE (770) 325-7420
FAX (770) 325-7422
POND & COMPANY

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE304

CERTIFIED FINAL

FILE PATH: X:\FY23\123021804.02\CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA



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MATCHLINE-SEE SHEET CE307

PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE0038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230216

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DIETR
SCALE: ANSI D.
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
3025 BOWMAN DRIVE
FUQUAY-VARINA, NC 27526
PHONE (919) 290-7620
POND-INC.COM

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE306

FILE PATH: X:\PT23\123021804.CAD\BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

CERTIFIED FINAL

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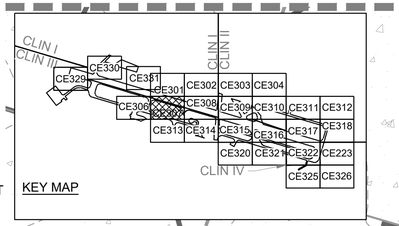

MATCHLINE-SEE SHEET CE301

MATCHLINE-SEE SHEET CE306

MATCHLINE-SEE SHEET CE308

MATCHLINE-SEE SHEET CE313

Ds4

Sd2-F

CLIN I
CLIN III

RUNWAY

S-294
NEW DI
TOP=1028.95
INV IN=1000.35 (S)
INV OUT=1000.35 (N)

LIGHT (TYPICAL)

APPROXIMATE ABANDONED SS PER LOCKHEED PLANS

S-292
JB RAISE TO GRADE
TOP=1028.04
INV IN=1011.80 (S)
INV IN=1012.05 (SE)
INV IN=1015.80 (N)
INV OUT=1011.80 (N)

S-200
DI (2'x6.2')
TOP=1029.13
INV OUT=1025.50 (E)

S-200
12.7 Ac

S-201
NEW DI
TOP=1027.44
INV IN=1020.64 (W)
INV OUT=1020.66 (E)

24"CMP

APPROX. LOCATION OF T-1 FIBER OPTIC LINE TO B27 BLDG. (DIRECT BURIED-NON METALLIC) (NOT FIELD TRACEABLE – PER UTILITY LOCATOR)

APPROXIMATE FIBER PER LOCKHEED PLANS (UNABLE TO LOCATE)

S-190
9.2 Ac

S-190
DI (2'x6.2')
TOP=1024.95
INV IN=1015.80 (W)
INV OUT=1015.50 (N)

S-210
TO REMAIN
JB
TOP=1025.50
INV IN=1016.49 (E)
INV OUT=1016.49 (N)

CONCRETE FLUME

CONCRETE FLUME

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE0038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

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ANSI D

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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3121 BENTON GRAHAM LANE
SUITE 300
BUFORD, GEORGIA 30519
PHONE (678) 580-7421
FAX (678) 580-7422

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL FINAL PLAN

SHEET ID
CE307

CERTIFIED FINAL

FILE PATH: X:\PY23\123021604.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE302

MATCHLINE-SEE SHEET CE307

MATCHLINE-SEE SHEET CE309

MATCHLINE-SEE SHEET CE314

GENERAL SHEET NOTES

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S-230
3.3 Ac

S-230
DI (1.9'x3')
TOP=1020.59
INV OUT=1017.20 (E)

END SILT FENCE

S-240
2.6 Ac

S-240
DI (2'x3')
TOP=1018.32
INV IN=998.90 (W)
INV IN=998.90 (E)
INV OUT=998.80 (N)

S-250
5.67 Ac

START SILT FENCE

S-250
DI (2'x6.2')
TOP=1017.84
INV OUT=1013.90 (W)

S-290
JB 6.5 DIA
RAISE TOP
TOP=1013.50
INV IN=999.00 (SE)
INV OUT=999.00 (NW)

S-293
DI NEW INLET
TOP=1018.11
INV IN=999.80 (SE)
INV OUT=999.80 (NW)

S-220
NEW DI'
TOP=1024.87
INV IN=1018.35 (S)
INV OUT=1017.60 (NW)

S-220
1.93 Ac

S-1900
DI (2'x2.9')
TOP=1020.43
INV OUT=1013.80 (E)

S-1900
8.0 Ac

PIPE CONNECTION PER LOCATOR
VIDEO PIPE INSPECTION DATED 10-6-23
PREPARED BY GROUNDHAWK
(PLUGGABLE ABANDONED LINE)

ACCESS ROAD

CLIN I
CLIN III

KEY MAP

CLIN I
CLIN II
CLIN III
CLIN IV

CE329 CE330 CE331 CE301 CE302 CE303 CE304 CE305 CE306 CE307 CE308 CE309 CE310 CE311 CE312 CE313 CE314 CE315 CE316 CE317 CE318 CE319 CE320 CE321 CE322 CE223 CE325 CE326

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230216
FILE NAME: CE301.dwg

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: D. DUTEAU
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3985 MARKET ON LANE
BERKELEY LAKE, GEORGIA 30096
PHONE (678) 336-2724
POND PROJECT NO. 210218

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE308

CERTIFIED FINAL

FILE PATH: X:\PY23\123021804\.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE303

MATCHLINE-SEE SHEET CE308

MATCHLINE-SEE SHEET CE310

MATCHLINE-SEE SHEET CE315

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION AND SEDIMENT CONTROL NOTES.
2. REFER TO SHEETS C-001 AND C-002 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA AND GEOSURVEY, LTD., DATED 07/19/2018, REVISED: 11/03/2023. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
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TO BE LINED
398 LF 30" RCP

S-305
DI (2.5'x2')
TOP=1017.48
INV OUT=1013.60 (SW)

LIGHT (TYPICAL)

TO BE LINED
78 LF 15" CMP

18" RCP

S-300
DI (3.7'x2.8')
TOP=1017.96
INV IN=1005.30 (E)
INV IN=1004.20 (SE)
INV IN=1010.30 (NE)
INV OUT=1003.90 (NW)

REMOVE EXISTING 90 LF 30" RCP AND INSTALL 90 LF 30" RCP

S-320
REPLACE TOP
TOP=1018.00
INV OUT=1004.90 (NW)

N=1424981.51
E=2191436.15

S-310
DI (7.4'x2.8')
TOP=1014.77
INV OUT=1009.30 (W)

S-310
6.5 Ac

Sd2-F
Sd2-B
Ds4

S-692
DI (3'x11.2')
LOWER
TOP=1011.95
INV IN=1007.90 (SE)
INV IN=1007.90 (SE)
INV OUT=1007.80 (E)

S-692
7.7 Ac

N=1424538.15
E=2191584.31

ACCESS ROAD

NEW 286 LF 15" RCP

S-994
5.25 AC

S-994
NEW DI
TOP=1013.71
INV OUT=1011.58 (NW)

CLIN I
CLIN II
CLIN III
CLIN IV

KEY MAP

CE329 CE330 CE331 CE301 CE302 CE303 CE304 CE306 CE307 CE308 CE309 CE310 CE311 CE312 CE313 CE314 CE315 CE316 CE317 CE318 CE320 CE321 CE322 CE223 CE325 CE326

S-680
REMOVE AND REPLACE
3.41 Ac
4'x6' CONC. LID
TOP=1011.42
INV IN=999.32 (S)
INV OUT=999.32 (N)

S-690
TO REMAIN
2xDI (1.8'x2.8')
TOP=1013.15
INV IN=1003.60 (W)
INV IN=1008.80 (E)
INV IN=1003.80 (SE)
INV IN=1004.10 (S)
INV OUT=1003.10 (N)

REMOVE EXISTING 121 LF 8" CPP AND INSTALL 121 LF 12" RCP

S-698
DI (1.8'x2.8')
REPLACE TOP
TOP=1013.15
INV OUT=1010.40 (W)

S-690
1.74 Ac

S-698
0.56 Ac

30" RCP

24" RCP

358 LF 24" RCP

TAXIWAY A

TAXIWAY B

PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

CERTIFIED FINAL

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
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DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: S. DIEHR
A.E.
FILE NAME: 123021 CE301.dwg
ANSI D

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3030 AIRFLITE WAY, SUITE 402
MACON, GEORGIA 31216
PHONE (478) 330-7474
POND & COMPANY, GA-3000

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE309

FILE PATH: X:\FY23\123021604.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE304

MATCHLINE-SEE SHEET CE309

MATCHLINE-SEE SHEET CE311

MATCHLINE-SEE SHEET CE316

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION AND SEDIMENT CONTROL NOTES.
2. REFER TO SHEETS C-001 AND C-002 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
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CLIN IV

CE329 CE330 CE331 CE301 CE302 CE303 CE304 CE306 CE307 CE308 CE309 CE310 CE311 CE312 CE313 CE314 CE315 CE316 CE317 CE318 CE320 CE321 CE322 CE223 CE325 CE326

REMOVE EXISTING 63 LF 6" CPP AND INSTALL 63 LF 6" PVC

REMOVE EXISTING 176 LF 12" AND INSTALL 176 LF

CONTROL TOWER

737

FIRE STATION

738

2173

APRON

COVERED WALKWAY AREA

OPEN TRENCH

TAXI

500' RUNWAY WINGTIP CLEARANCE

TRENCH DRAIN

S-696
7.58 Ac

Sd1-S
Sd2-F
Sd2-B
Ds4

S-700 GI
S-820
S-830
S-825
S-813
S-814
S-818
S-880
S-816
S-841
S-810
S-800
S-934
S-933
S-935
S-842
S-900 GI TOP=1010.47
S-910 DI TOP=2.31
S-920 DI TOP=2.31
S-930 TO REMAIN GI TOP=1009.49 INV IN=1004.42 (S) INV IN=1004.10 (W) INV OUT=1002.09 (NE)
S-1061 DI TOP=1007.19 INV OUT=1006.00 (S)

TOP 1011.03 IN 1008.5 OUT 1009.6
TOP 1004.75 INV 1001.3
TOP 1005.09 INV 1001.8
TOP 1005.92 INV 1002.8
TOP 1006.72 INV 1003.9
TOP 1007.58 INV 1005.2
TOP 1008.52 INV 1006.5
TOP 1009.14 INV 1007.3
TOP 1010.06 INV 1008.5
TOP 1010.93 INV 1009.5
TOP 1007.06 INV 1005.3
TOP 1005.08 INV 1005.3
TOP 1004.9 IN 1004.9 OUT 1004.9 (2x)8"CPP INV 1004.2
8"CPP INV 1005.2

PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
GEORGIA REGISTERED No. PE0038055 PROFESSIONAL ENGINEER TANYA L. NORMAN
DATE: 01/09/2026

MARK	DESCRIPTION	DATE

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUERR
SIZE: ANSI D
ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3330 CUMBERLAND BLVD., SUITE 500 ATLANTA, GA 30339
PHONE: (678) 336-2742
PHONE: (678) 336-2743
POND

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE310

CERTIFIED FINAL

FILE PATH: X:\PY23\123021804\CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET C-105

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION AND SEDIMENT CONTROL NOTES.
2. REFER TO SHEETS C-001 AND C-002 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
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CLIN II
CLIN III
CLIN IV
CE329 CE330 CE331
CE301 CE302 CE303 CE304
CE306 CE307 CE308 CE309 CE310 CE311 CE312
CE313 CE314 CE315 CE316 CE317 CE318
CE320 CE321 CE322 CE223
CE325 CE326

MATCHLINE-SEE SHEET CE310

MATCHLINE-SEE SHEET CE312

MATCHLINE-SEE SHEET CE317

S-1100 TOP 1004.35 INV 995.3 INV 1000.6
S-1115 FES INV OUT=1001.50 (W)
FES 18"RCP INV 1001.5
S-1110 3'x3' STEEL LID TOP=1005.17 INV IN=994.30 (N) INV IN=1000.40 (E) INV OUT=994.30 (S)
S-1125 10.64 AC
S-1120 JB TOP=1004.65 INV IN=994.09 (N) INV IN=1000.10 (W) INV OUT=987.78 (E)
S-1125 DI (2.4'x4') TOP=1002.56 INV OUT=1000.20 (E)
N=1424445.28 E=2194380.51
S-1210 TOP 1005.51 IN(A) 1002.2 IN(B) 1002.4 OUT 1002.0
S-1235 DI TOP 1005.03 OUT 1002.5
TOP 1005.14 INV 1003.8
TOP 1005.03 INV 1003.3
INV 1002.6
S-1234
S-1233
S-1220
S-1230
S-1245 GI TOP=1005.71 INV OUT=1004.12 (SW)
S-1240 GI TOP=1004.59 INV IN=1000.92 (N) INV IN=1000.60 (NE) INV OUT=1000.60 (S)
S-1241
S-1242
S-1254 GI TOP=1004.37
S-1255 GI TOP=1004.64
S-1250 GI TOP=1003.00 INV IN=998.80 (N) INV IN=999.90 (E) INV OUT=998.40 (S)
S-1260 GI TOP=1002.59 INV IN=998.20 (N) INV OUT=998.20 (E)
S-1270 GI TOP=1002.61 INV IN=993.78 (W) INV OUT=997.50 (S)
S-1280 4.72 AC
S-1284 DI (2.4'x4') TOP=996.74 INV IN=991.70 (N) INV OUT=990.60 (S)
S-1130 JB TOP=999.57 INV IN=987.10 (W) INV IN=989.60 (N) INV OUT=984.60 (S)
S-1310 FES INV IN=990.20 (NW)
S-1312 DI TOP=1002.57 INV IN=998.00 (SE) INV OUT=997.90 (SE)
S-1313 INACCESSIBLE TOP=1001.70 INV OUT=997.69 (SW)
S-1314 FES INV IN=997.00 (NE)
S-1300 DI TOP=1000.44 INV IN=997.02 (NW) INV OUT=996.90 (SE)
S-1302 DI TOP=1005.52 INV IN=1002.00 (W) INV OUT=1001.90 (NE)
S-1303 DI TOP=1005.74 INV IN=1001.00 (SW) INV OUT=1000.90 (N)
S-1311 DI TOP=1001.18 INV OUT=997.90 (NW)
S-1325 TO RSMAIN
S-1330 HW (REPLACE) INV IN=988.60 (N)
S-1131 DI (FULL OF DEBRIS) TOP=1005.72 INV OUT=1002.36 (E)
DI TOP 1005.55 BOTTOM 1004.1 (FULL OF DEBRIS)
DI TOP 1004.79 IN(A) 1001.7 IN(B) 1002.4 IN(C) 1002.4 OUT 1000.4
DI TOP 1005.77 IN 1003.6 OUT 1003.5
DI TOP 1006.18 OUT 1003.9
JB TOP 1006.49 IN 1000.1 OUT 1000.1
DI TOP 1005.74 IN 1001.0 OUT 1000.9
SSMH TOP 1001.71 IN(A) 996.5 IN(B) 996.6 IN(C) 996.6 OUT 996.6
SSMH TOP 1004.71 IN(A) 996.6 IN(B) 998.3 OUT 996.6
SSMH TOP 997.38 IN 994.3 OUT 994.2
Ds4
Sd1-S
Sd2-B
Sd2-B
Sd2-B
LIGHT (TYPICAL)
APRON
TRANS
APPROXIMATE SEWER LINE PER DOBBINS PLANS
920
935
900
989
922
904
905
931
990
910
931
36"RCP
30"RCP
24"RCP
18"RCP
15"RCP
12"PVC
12"RCP
D=4'3"
D=4'6"

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

FILE PATH: X:\PY23\123021804\CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

CERTIFIED FINAL

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE0038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
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SUBMITTED BY: S. DUERR
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FILE NUMBER: 4230218
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
3200 NORTHWOOD CIRCLE, SUITE 300 NORCROSS, GA 30092 PHONE (678) 336-2743 FAX (678) 336-2745

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE311

MATCHLINE-SEE SHEET CE311

COBB PARKWAY

1ST STREET

935

940

945

965

Du

S-1315
DI
TOP=1004.52
INV OUT=999.60 (SW)

S-1316
DI
TOP=1001.46
INV IN=997.40 (NE)
INV OUT=996.90 (SE)

S-1323
DI
TOP=998.71
INV IN=996.50 (NW)
INV IN=996.60 (E)
INV OUT=995.30 (SW)

S-1317
DI
TOP=1003.96
INV OUT=999.50 (W)

S-1320
TO REMAIN

S-1336
TO REMAIN

12" RCP

18" RCP

24" RCP

8"CLAY

6"CLAY

REMOVE EXISTING 91 LF 30"CMP AND INSTALL 91 LF 30" RCP

REMOVE EXISTING 90 LF 30"CMP AND INSTALL 90 LF 30" RCP

REMOVE EXISTING 29 LF CMP AND INSTALL 29 LF 12" RCP

LOD

APPROXIMATE LOCATION 6' CHAIN-LINK FENCE

APPROX. COMM. LINE PER DOBBINS GIS

COBB PARKWAY
(U.S. HIGHWAY 41)
(VARIABLE R/W)

MATCHLINE-SEE SHEET CE318

PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION AND SEDIMENT CONTROL NOTES.
2. REFER TO SHEETS C-001 AND C-002 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
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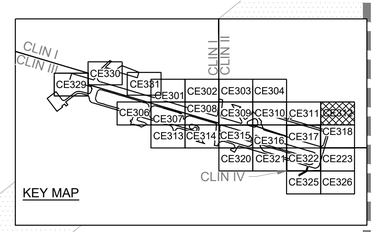

KEY MAP

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

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FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3825 EDWARDS ROAD, SUITE 800
CINCINNATI, OHIO 45209
PHONE: (513) 326-1243
FAX: (513) 326-1252
POND & COMPANY
SUITE 300
1255 ROSWELL AVENUE
MARIETTA, GEORGIA 30062
PHONE: (770) 578-1314
FAX: (770) 578-1305
POND

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE312

CERTIFIED FINAL

FILE PATH: X:\FY23\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE307

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION AND SEDIMENT CONTROL NOTES.
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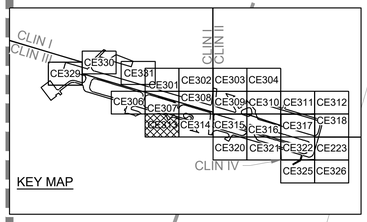
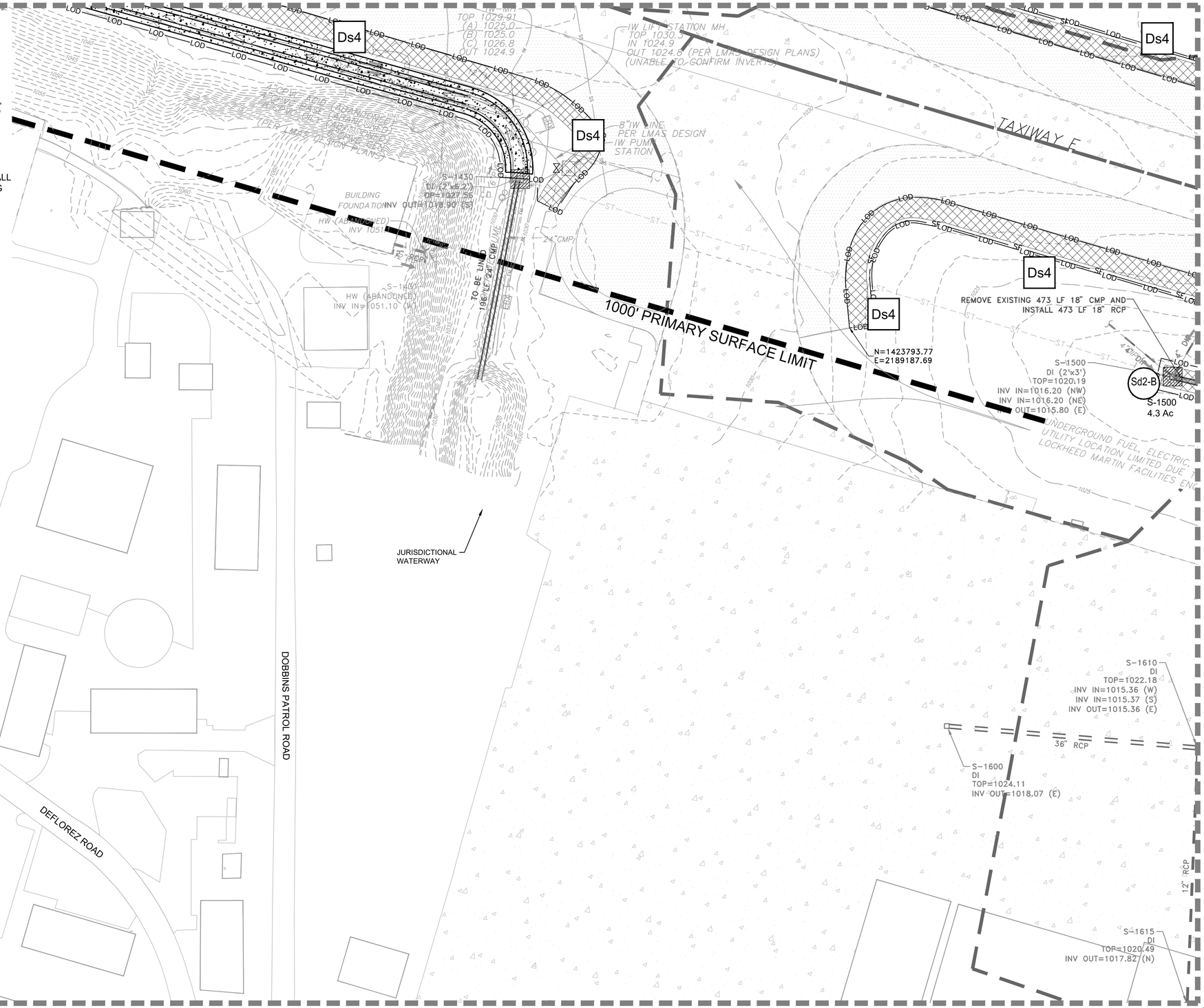
6. THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL PERFORM A FOD CHECK WHEN ENTERING AND EXITING THE AIRFIELD.
7. THE CONTRACTOR SHALL ONLY REMOVE, REGRADE, AND REPLACE SOD ON SHOULDER THAT CAN BE REESTABLISHED AT THE END OF THE WORK DAY.
8. **ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.**
9. NO MORE THAN 5 ACRES OF LAND CAN BE DISTURBED AT A TIME. CONSTRUCTION MUST BE PHASED TO LIMIT LAND DISTURBANCES TO 5 ACRES OR LESS.



KEY MAP



MATCHLINE-SEE SHEET CE314

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218
DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
SIZE: ANSI D
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3500 PARKWAY LANE
SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE: (678) 336-7750
POND JOB No. 1230218

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE313

CERTIFIED FINAL

FILE PATH: X:\FY23\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE308

MATCHLINE-SEE SHEET CE313

MATCHLINE-SEE SHEET CE315

S-225
2.19 Ac

S-225
NEW DI
TOP=1025.14
INV OUT=1019.46 (N)

S-1910
8.79 Ac

S-1910
DI (2'x3')
TOP=1018.09
INV IN=1010.90 (W)
INV OUT=1010.70 (E)

S-1510
DI (2.8'x3.8')
TOP=1018.75
INV IN=1015.20 (W)
INV IN=1015.60 (SW)
INV OUT=1015.10 (E)

S-1510
11.9 Ac

N=1423552.38
E=2190139.00

S-1525
DI (3.8'x3.6')
LOWER TOP
TOP=1018.53
INV OUT=1014.40 (S)

S-1525
8.0 Ac

S-1520
3.79 Ac

N=1423513.58
E=2190280.72

S-1520
DI (2'x6.2')
TOP=1018.16
INV IN=1013.50 (W)
INV IN=1013.90 (N)
INV OUT=1013.90 (E)

S-1530
1.60 Ac

S-1530
RAISE TO GRADE
TOP=1019.80
INV IN=1012.76 (W)
INV OUT=1012.76 (SE)

S-1531
DI
TOP=1021.40
INV IN=1009.21 (NW)
INV OUT=1009.19 (SE)
INV OUT=1009.21 (E)

N=1423297.68
E=2190728.02

N=1423276.31
E=2190926.01

S-1610
DI
TOP=1022.18
INV IN=1015.36 (W)
INV IN=1015.37 (S)

S-1620
DI
TOP=1022.44
INV IN=1014.36 (W)
INV IN=1014.36 (S)
INV OUT=1014.30 (E)

S-1630
DI
TOP=1022.31
INV IN=1013.24 (W)
INV IN=1015.72 (SW)
INV OUT=1013.20 (SE)

1000' PRIMARY SURFACE LIMIT

TAXIWAY G

A3
C-502

LIGHT (TYPICAL)

SOLAR LIGHT

Ds4 Sd2-B

24"CMP 30"RCP 18"CMP 6"CMP

WATER, AIR AND INDUSTRIAL WASTE LINES LOCATED THROUGHOUT THIS AREA
HEAVY CONGESTION OF UNDERGROUND LINES. PLEASE COORDINATE WITH
ENGINEERING FOR ANY PROPOSED CONSTRUCTION ACTIVITIES IN THIS AREA

KEY MAP

CLIN I
CLIN II
CLIN III
CLIN IV

CE329 CE330 CE331 CE301 CE302 CE303 CE304 CE306 CE307 CE308 CE309 CE310 CE311 CE312 CE313 CE315 CE316 CE317 CE318 CE320 CE321 CE322 CE223 CE325 CE326

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION AND SEDIMENT CONTROL NOTES.
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A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

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DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
ANSI D
ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
3121 FAIRVIEW PARK DRIVE, SUITE 500, FALLS CHURCH, VA 22042
PHONE (571) 380-7240

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE314

CERTIFIED FINAL

FILE PATH: X:\PY2\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE309

MATCHLINE-SEE SHEET CE314

MATCHLINE-SEE SHEET CE316

MATCHLINE-SEE SHEET CE320

KEY MAP

CLIN I
CLIN II
CLIN III
CLIN IV

CE329 CE330 CE331 CE301 CE302 CE303 CE304 CE306 CE307 CE308 CE309 CE310 CE311 CE312 CE313 CE314 CE315 CE316 CE317 CE318 CE320 CE321 CE322 CE223 CE325 CE326

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S-1921
NEW DI
TOP=1020.00
INV IN=1007.89 (W)
INV OUT=1007.90 (E)

S-1920
JB
TOP=1018.22
INV IN=1006.40 (W)
INV OUT=1005.90 (E)

S-1930
JB
TOP=1016.55
INV IN=1005.10 (W)
INV OUT=1004.90 (S)

S-694
DI
NOT LOCATED BY SURVEYOR.
BURIED INLET. CONTRACTOR
TO VERIFY
RAISE TOP TO 1013.50
INV OUT=1007.94 (N)

S-694
2.24 Ac

S-1943
JB
TOP=1013.07
INV IN=1006.00 (E)
INV IN=1009.10 (SW)
INV OUT=1006.00 (W)

S-1944
TO REMAIN
DI (6'x2.9')
TOP=1009.78
INV IN=1006.50 (SE)
INV OUT=1006.40 (W)

S-1944
4.16 Ac

S-1945
NEW DI
TOP=1011.15
INV OUT=1007.95 (NW)

S-1940
JB
TOP=1013.95
INV IN=1004.20 (N)
INV IN=1004.20 (E)
INV OUT=1004.10 (S)

S-1942
JB
TOP=1013.83
INV IN=1005.50 (E)
INV OUT=1005.40 (W)

S-1946
NEW DI
TOP=1013.45
INV IN=997.80 (N)
INV OUT=997.80 (S)

S-1830
DI (3.5'x3.5')
TOP=1014.84
INV IN=1008.90 (SW)
INV OUT=1008.40 (E)

S-1830
2.02 Ac

S-1532
NEW DI
TOP=1020.10
INV IN=1003.43 (W)
INV OUT=1003.43 (SE)

S-1533
NEW DI
TOP=1018.82
INV IN=1000.37 (NW)
INV OUT=1000.37 (SE)

S-1840
0.96 Ac

S-1840
DI (3.5'x3.5')
TOP=1010.32
INV IN=1004.80 (W)
INV IN=1004.80 (SE)
INV OUT=1004.50 (SE)

S-1845
DI (2.7'x2.7')
TOP=1010.00
INV OUT=1007.30 (NW)

S-2010
TO REMAIN
DI (6'x2.9')
(STEEL PLATE WITH 12"
OPENING AT CUT PIPE)
TOP=1005.23
INV IN=1000.40 (E)
INV OUT=1000.40 (S)

S-2010
8.23 Ac

S-2000
NEW DI
TOP=1009.99
INV OUT=1006.36 (NW)

N=1423177.70
E=2191575.36

VEDA ALZ
TAXIWAY E
TAXIWAY A
1000' PRIMARY SURFACE LIMIT
FLUME
24"CMP
24"RCP
30"RCP
18"RCP
4"PVC (A)
LAWN (TYPICAL)

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN
DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230216
DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. BEHRT
SIZE: ANSI D
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
600 CORPORATE POINTE SUITE 500 CULVER'S LANE ATLANTA, GEORGIA 30328 PHONE (678) 336-2749 FAX (404) 214-1274

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL FINAL PLAN

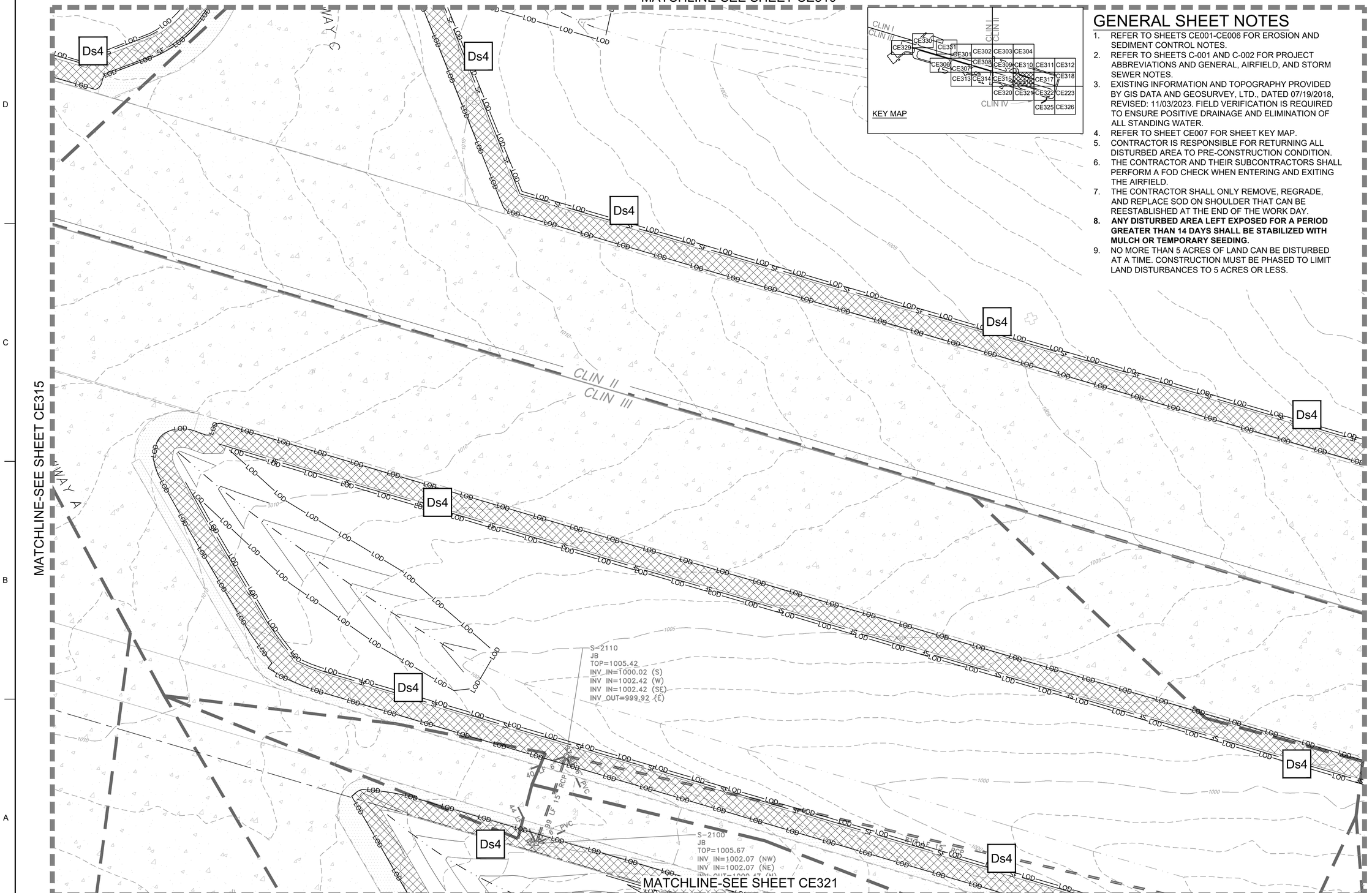
SHEET ID
CE315

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

FILE PATH: X:\FY23\12302\8104.02.CAD_BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

CERTIFIED FINAL



GENERAL SHEET NOTES

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A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218
FILE NAME: CE301.dwg

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
SIZE: ANSI D

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3031 ATKINSON SQUARE
SUITE 300 | CUMMING, GA 30040
PHONE (678) 580-7470
POND-INC.COM

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE316

CERTIFIED FINAL

FILE PATH: X:\FY23\1230218\04.CAD BIM\04.02.CAD_ PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE311

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION AND SEDIMENT CONTROL NOTES.
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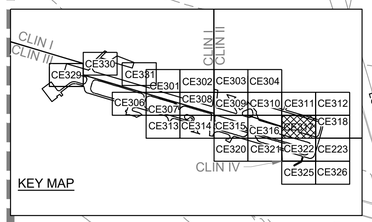

MATCHLINE-SEE SHEET CE316

MATCHLINE-SEE SHEET CE318

LIGHT (TYPICAL)

NORTHEAST PARALLEL TAXIWAY

D=6'8"

377 LF 48" RCP TO BE LINED

48" RCP

CBW

S-1140
37.48 AC

S-1140
DI (2'x3')
TOP=990.13
INV IN=979.00 (N)
INV OUT=978.80 (S)

Sd2-B

48" RCP

S-1150
HW
INV IN=978.80 (N)

CLIN II
CLIN IV

CONCRETE FLUME

Sd1-S

48"CMP
974.3

START SILT FENCE

END SILT FENCE

NEW 259 LF 48" RCP

ABANDON IN PLACE 937 LF 48" CMP

S-2212
NEW JB
W/ AIRCRAFT LOAD
TOP=989.91
INV IN=970.70 (N)
INV OUT=970.70 (S)

50.00'

16.0'

RUNWAY

JACK AND BORE 560 LF 60" ID STEEL CASING AND 605 LF 48" OD HDPE SMOOTH WALL DR 26 PIPE (CARRIER)

C1
C-502

CONCRETE SECTION JOINTS

Ds4

MATCHLINE-SEE SHEET CE322

PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

US Army Corps of Engineers®
Louisville District

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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

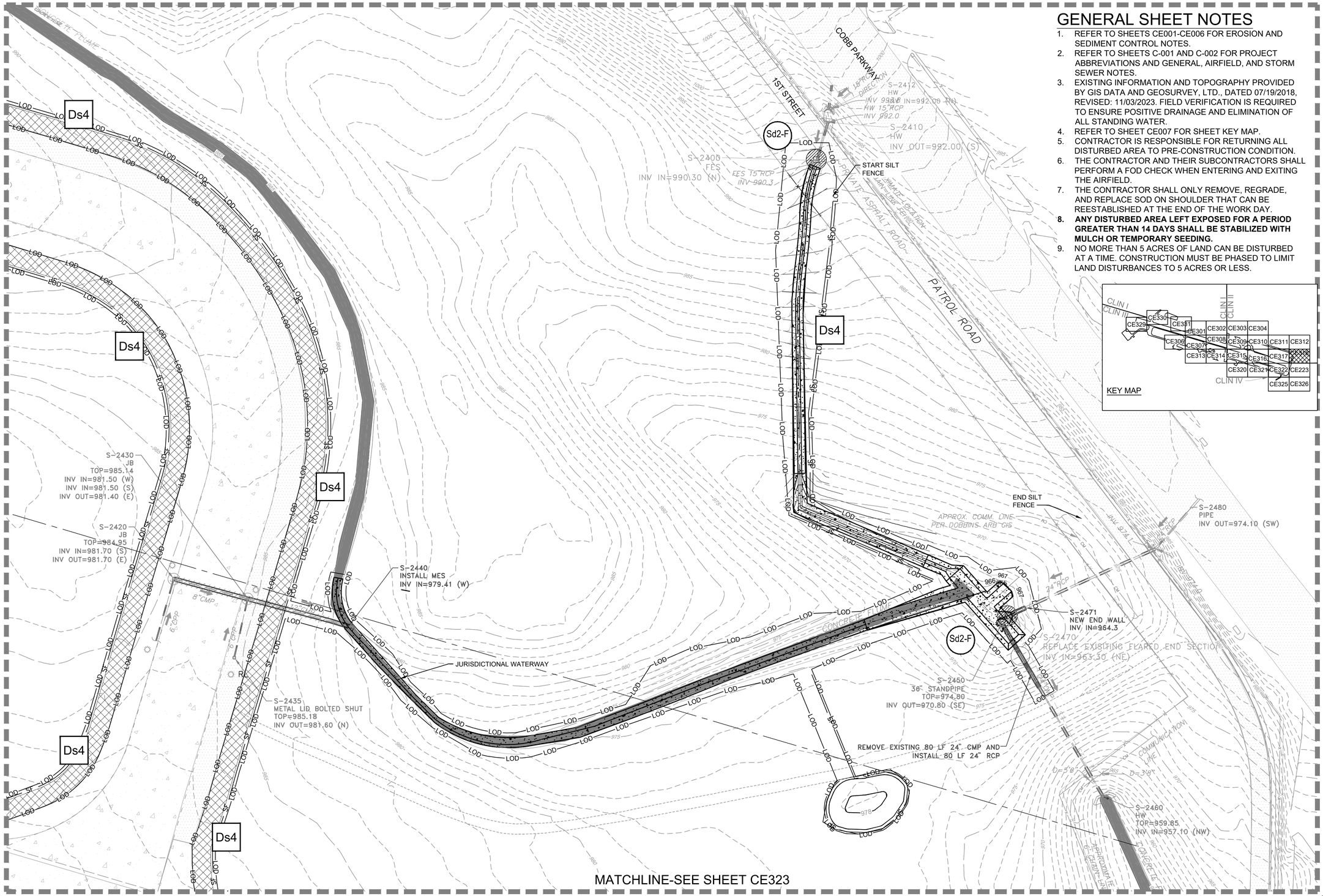
POND
3025 TOWNSGATE ROAD, SUITE 300
WESTLAKE VILLAGE, CA 91361
PHONE (818) 597-7473
POND & COMPANY
SUITE 500
1970 BROADMOOR DRIVE
BIRMINGHAM, AL 35209
PHONE (205) 380-7472

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE317

CERTIFIED FINAL

FILE PATH: X:\PY2\123021604\CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA



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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3500 PARKWAY LANE
SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7760
FAX (678) 336-7761
POND JOB No. 1230218

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE318

CERTIFIED FINAL

FILE PATH: X:\FY23\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE315

MATCHLINE-SEE SHEET CE321

1000' PRIMARY SURFACE LIMIT

S-1534
NEW DI
FIELD VERIFY TOP EL (MEG)
TOP=1014.75
INV IN=996.16 (NW)
INV OUT=996.16 (S)

S-1550
JB
TOP=1015.26
INV OUT=1010.99 (S)

ABANDON IN PLACE
918 LF 42" CMP

SW 370 LF 42" RCP

S-1535
NEW DI
FIELD VERIFY TOP EL (MEG)
PLUG EX. 42" CMP
TOP=1011.91
INV IN=988.45 (NW)
INV IN=988.45 (N)
INV OUT=988.45 (SE)

Sd2-F

151 LF 42" CMP TO BE LINED
CMP CONTRACTOR TO VERIFY

HW RCP
INV(42") 985.5

S-1560
HW
INV IN=990.54 (N)

S-1540
HW
INV IN=985.50 (NW)

DI
TOP 1016.95
IN 1010.4
OUT 1010.2

399 LF 30" RCP TO BE LINED

Ds4

S-1950
JB
TOP=987.48
INV IN=981.30 (W)
INV OUT=976.58 (S)

REMOVE EXISTING 30 LF 30" RCP AND
INSTALL 30 LF 30" RCP

START SILT FENCE
TO BE LINED
290 LF 30" RCP

Sd1-S

S-2020
NEW HW
INV IN=[illegible].00

TO BE LINED
22 LF 30" RCP

S-1960
HW (NOT LOCATED)
INV IN=975.00 (N)

DI(1.8'x2.4')
TOP 1011.46
OUT 1008.0

S-1930
HW
INV IN=981.70 (NW)

TOP OF EXPOSED
18"CMP ELE. 999.4
(PIPE END NOT VISIBLE)

S-2056
NEW HW
INV IN=990.90 (E)
84 LF 30" RCP

St

Sd2-F

Ds4

SW 155 LF 30" RCP

Sd1-S

Sd2-F

S-2052
DI 80 LF 24" RCP
TOP=995.35
INV IN=990.42 (E)
INV IN=990.50 (NE)
INV OUT=990.42 (W)

S-2054
DI
TOP=995.27
INV OUT=990.82 (W)

END SILT FENCE

START SILT FENCE

S-2049
DI
TOP=1003.41
INV OUT=996.00 (SW)

Ds4

Sd1-S

Sd2-F

S-2094
DI
TOP=995.43
INV OUT=991.49 (E)

142 LF 24" RCP

75' IMPERVIOUS BUFFER
50' COUNTY BUFFER
25' STATE BUFFER

OBSCURED BY TREE CANOPY
(APPROX. LOCATION OF CONTOURS)

FLUME

GATE

4' CHAIN LINK FENCE

GENERAL SHEET NOTES

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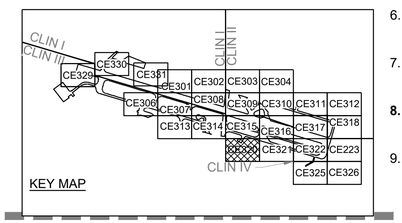


KEY MAP

PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
GEORGIA REGISTERED No. PE0038055 PROFESSIONAL ENGINEER TANYA L. NORMAN
DATE: 01/09/2026

MARK	DESCRIPTION	DATE

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEÑAS
SIZE: ANSI D
ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 4230218
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
SUITE 300
1000 NORTH MAIN LANE
ROSWELL, GEORGIA 30075
PHONE (678) 336-2570
PHONE (678) 336-2575

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE320

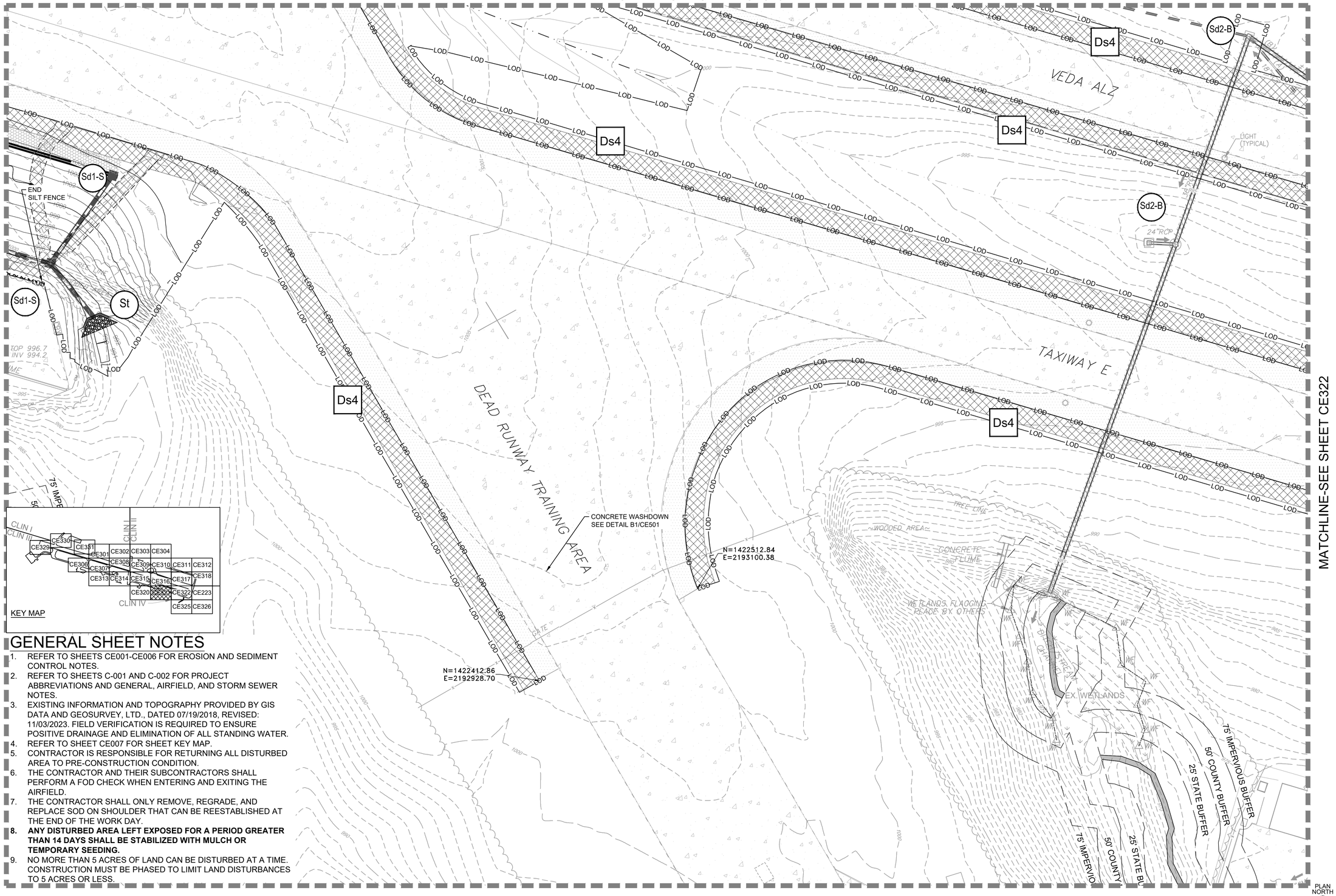
CERTIFIED FINAL

FILE PATH: X:\PY23\123021804\.CAD BIM\04.02.CAD_PH.2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE316

MATCHLINE-SEE SHEET CE320

MATCHLINE-SEE SHEET CE322



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PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
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DATE: 01/09/2026

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CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUERR
SIZE: ANSI D
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CONTRACT NO.:
FILE NUMBER: 4230216
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
3121 FIBERGLASS COURT, SUITE 2000
COLUMBUS, OHIO 43026
PHONE: (614) 540-6055
FAX: (614) 540-6060

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE321

CERTIFIED FINAL

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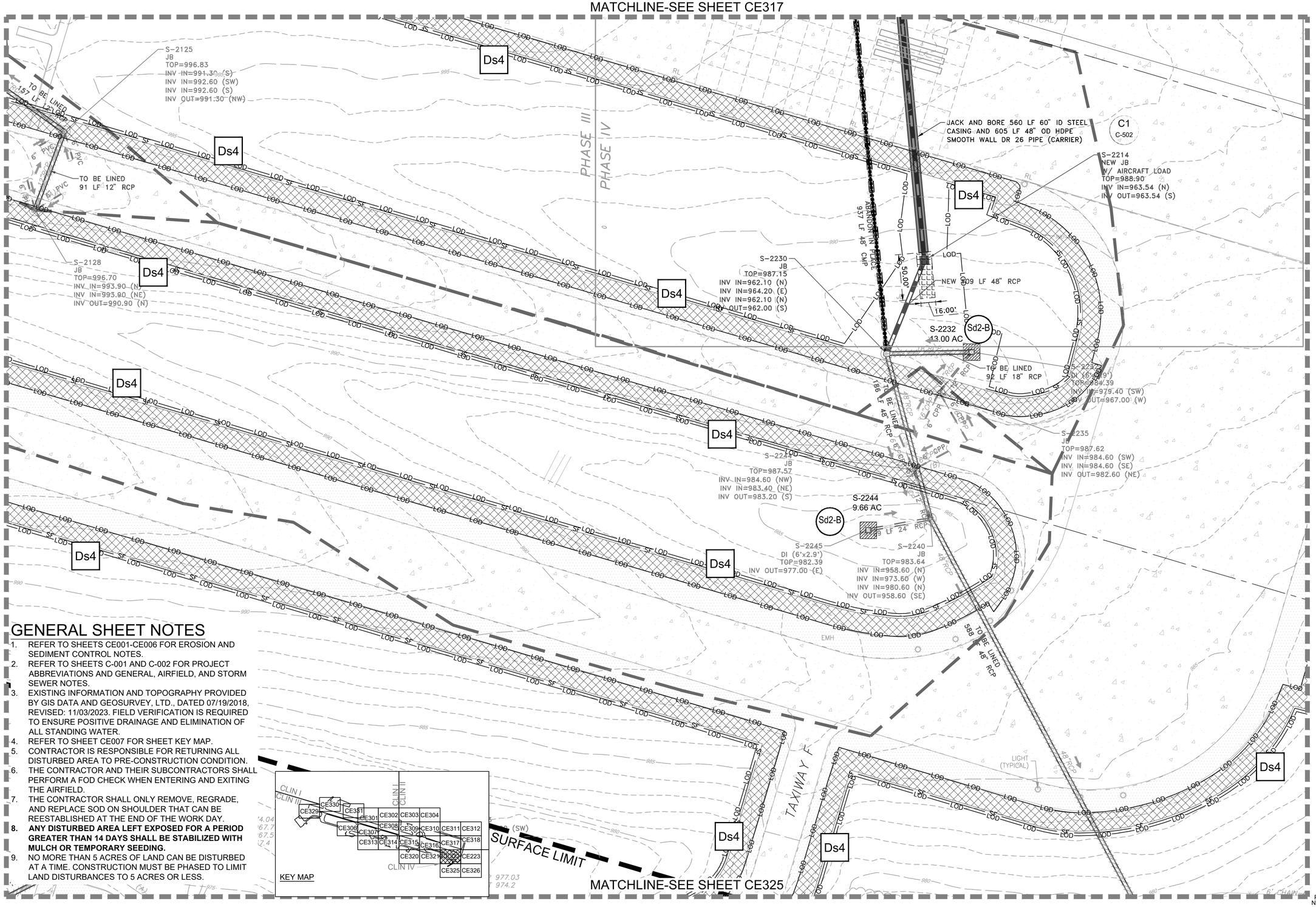

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PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

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DRAWN BY: J.P. ARISTIZABAL	SOLICITATION NO.:
CHECKED BY: D.M. LECKIE	CONTRACT NO.:
SUBMITTED BY: A. DUEHR	FILE NUMBER: 1230218
SIZE: ANSI D	FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3500 PARKWAY LANE
SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7740
FOND JOB No. 1230218

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE322

CERTIFIED FINAL

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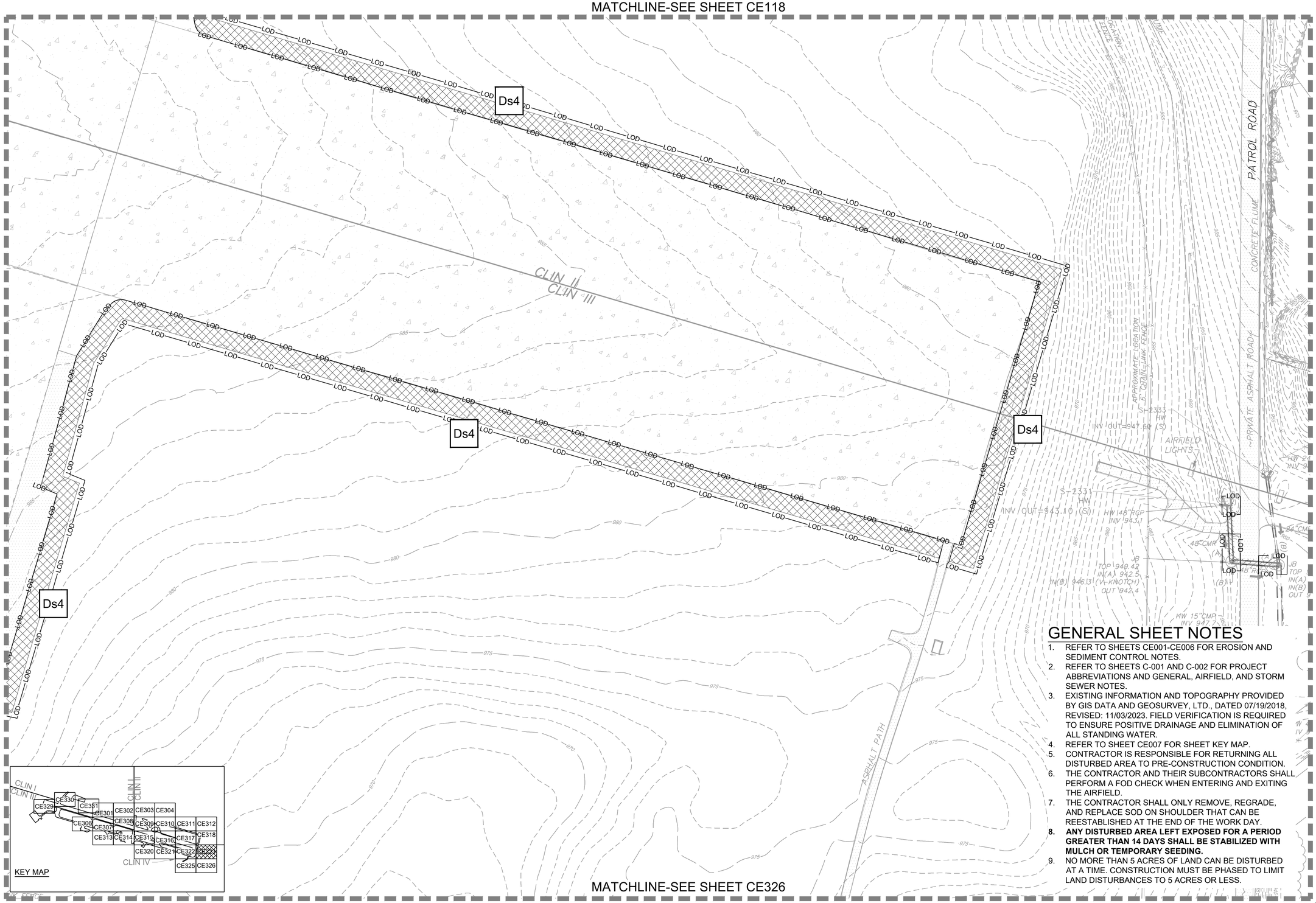

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A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

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DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
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ISSUE DATE: JANUARY 9, 2026
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CONTRACT NO.:
FILE NUMBER: 1230218

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3500 PARKWAY LANE
SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7276
FORM JOB No. 1230218

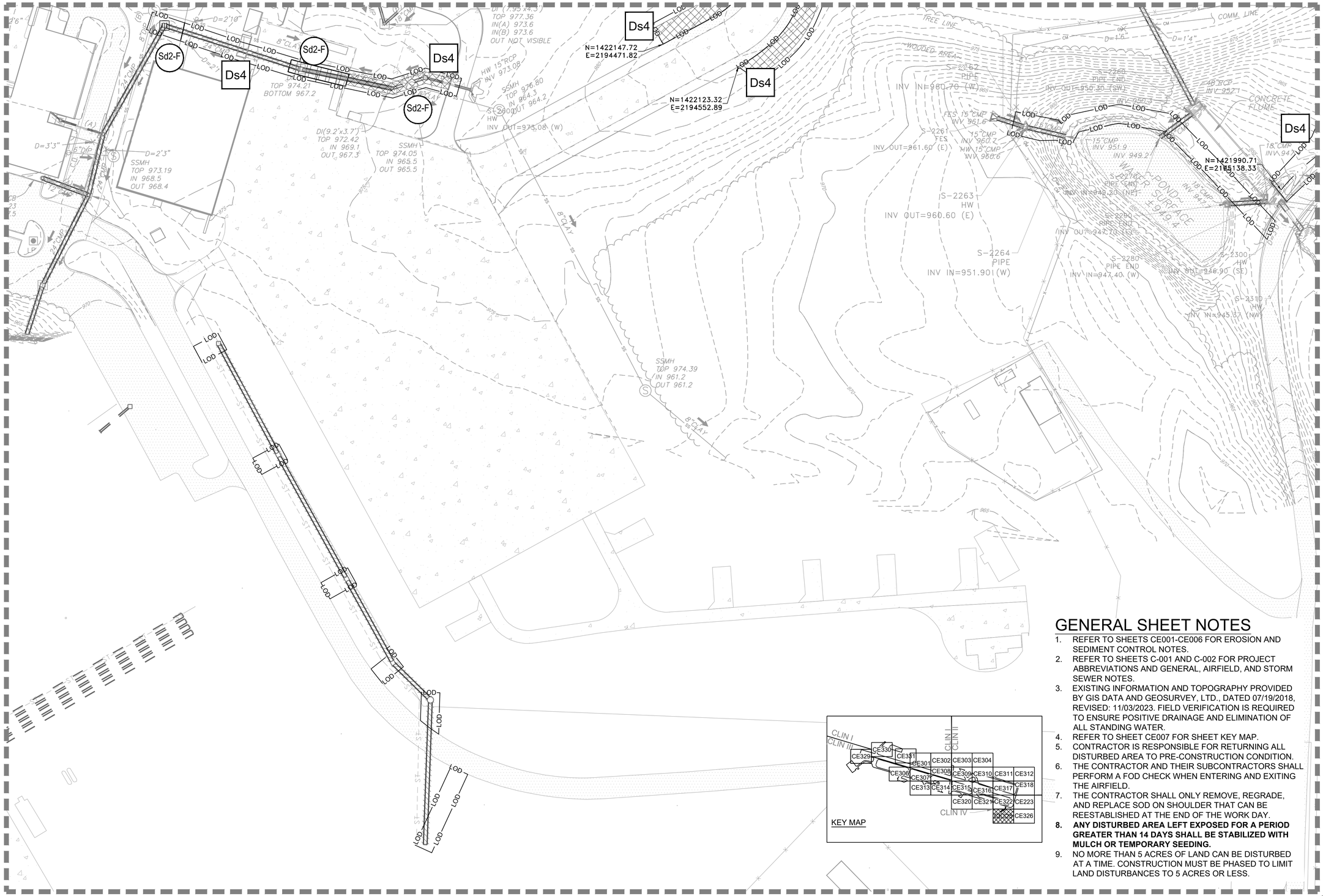
REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE323

CERTIFIED FINAL

FILE PATH: X:\FY23\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE322



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MATCHLINE-SEE SHEET CE326

PLAN NORTH

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: DUEBA
APPROVED BY:
SIZE: ANSI D
ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230216
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3121 BENTLEY DRIVE, SUITE 500
SMYRNA, GEORGIA 30082
PHONE: (678) 336-2749
POND & COMPANY, LLC

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE325

CERTIFIED FINAL

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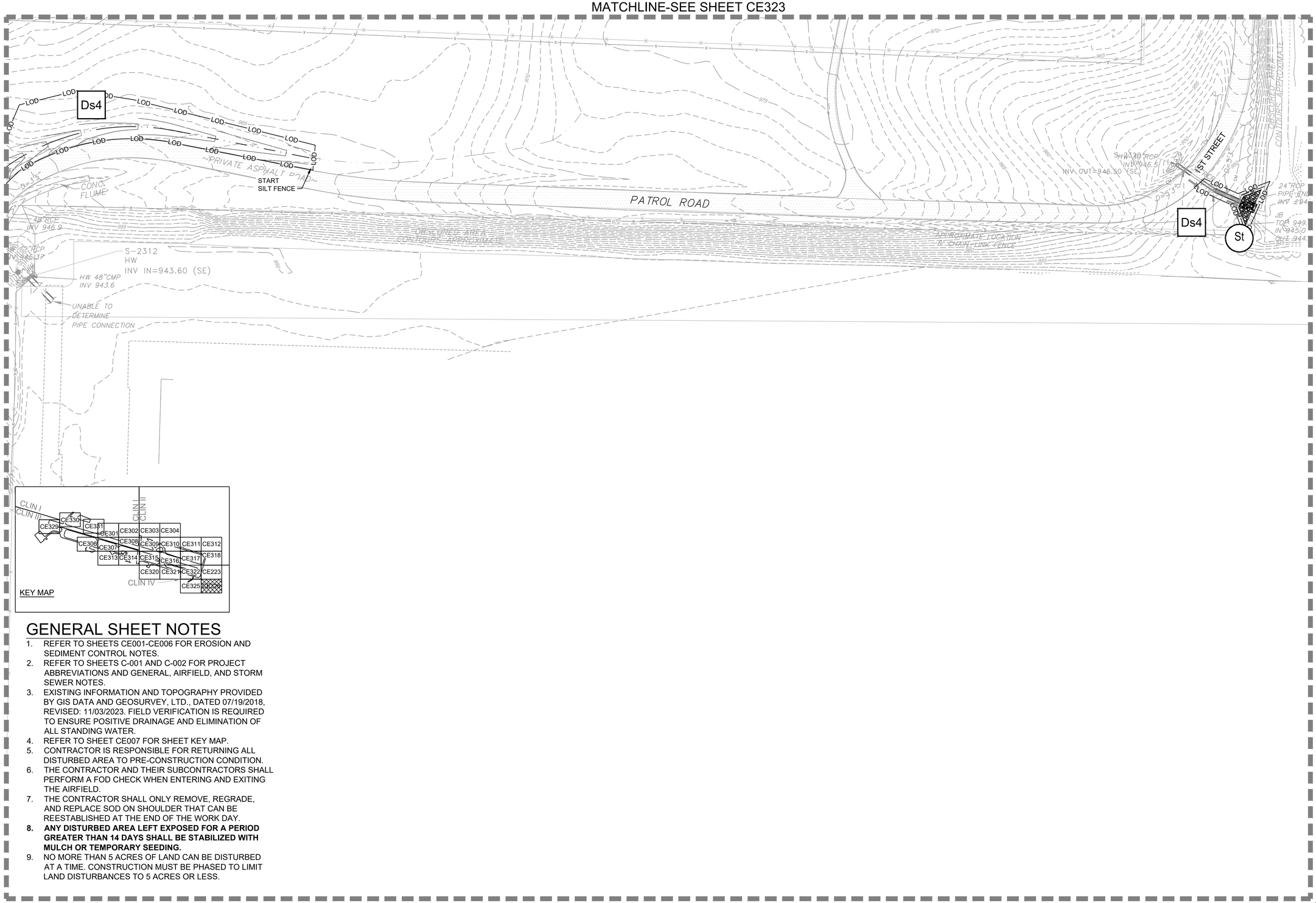
MATCHLINE-SEE SHEET CE323



MATCHLINE-SEE SHEET CE325

GENERAL SHEET NOTES

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A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN
DATE: 01/09/2026

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DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3121 FIELDSTONE ROAD, SUITE 200, CHAMBLEE, GA 30092
POND & COMPANY
3121 FIELDSTONE ROAD, SUITE 200, CHAMBLEE, GA 30092
PHONE: (678) 336-2310
FAX: (678) 336-2307
PHOTOGRAMMETRY: GEOSURVEY, LTD.
PHONE: (678) 336-2742
FAX: (678) 336-2307

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
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FILE PATH: X:\PY23\123021604.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

MATCHLINE-SEE SHEET CE323

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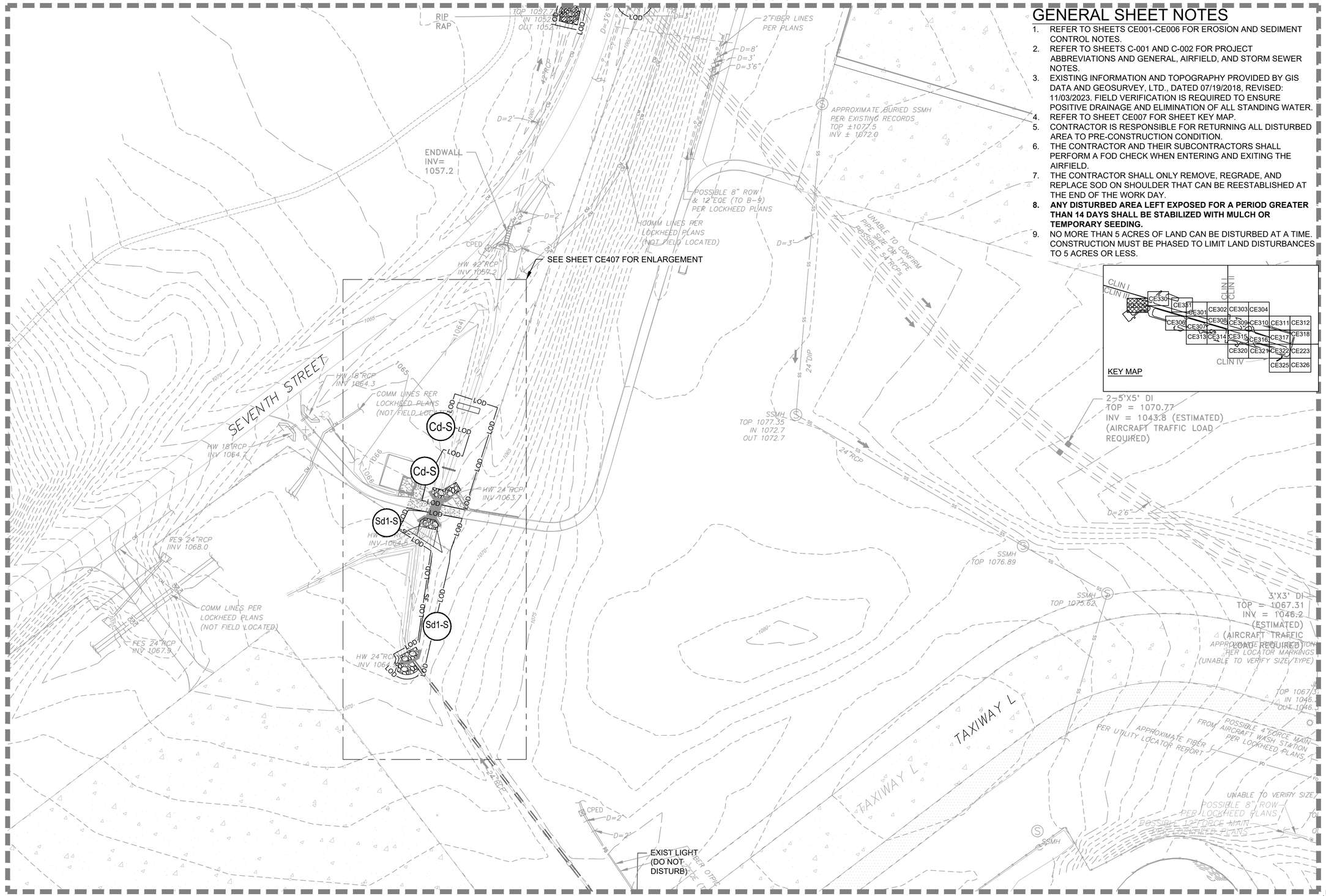

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Louisville District

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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
3055 KRAFT DRIVE, SUITE 800 LEXINGTON, KENTUCKY 40513 PHONE (859) 278-6041 FAX (859) 278-6179
GA-30000

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE329

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

CERTIFIED FINAL

FILE PATH: X:\FY23\123021604.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

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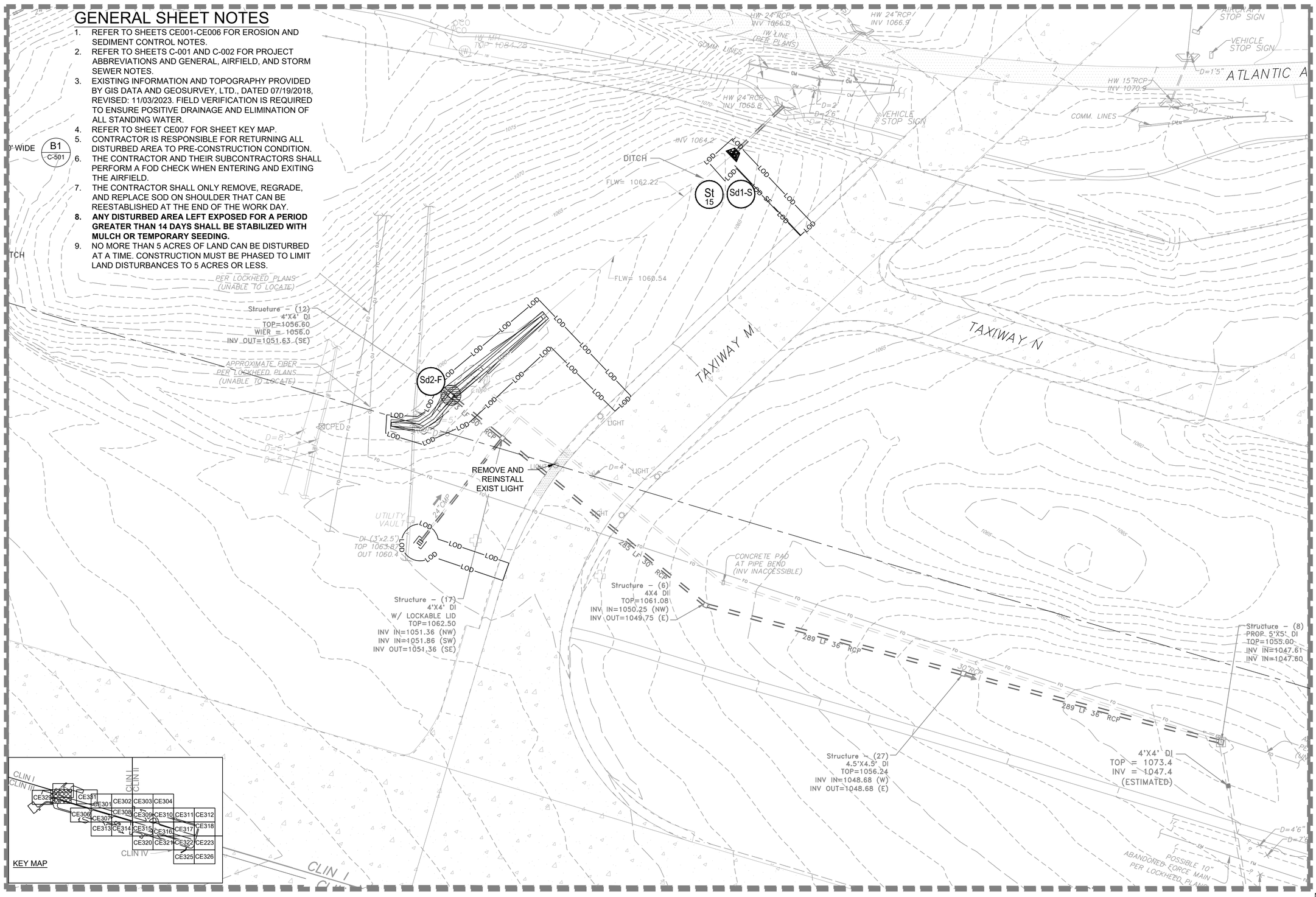


MATCHLINE-SEE SHEET CE329

A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
SIZE: ANSI D
FILE NAME: CE301.dwg
ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

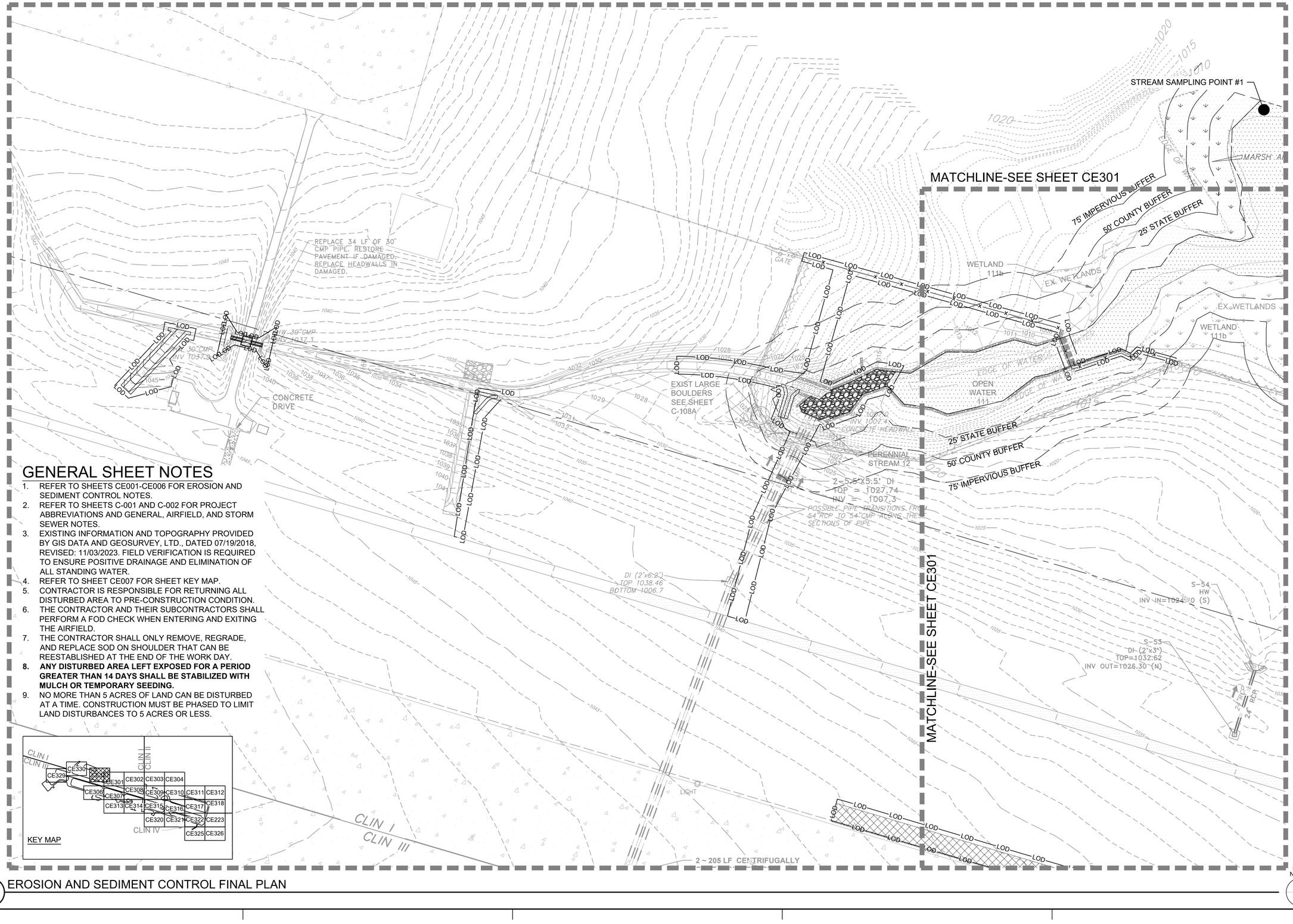
POND
3500 PARKWAY LANE
SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7750
POND JOB No. 1230218

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE330

CERTIFIED FINAL

FILE PATH: X:\FY23\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA



GENERAL SHEET NOTES

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A1 EROSION AND SEDIMENT CONTROL FINAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3200 CROSSROADS BLVD. SUITE 300 ANDERSON CRANE BUILDING ALPHARETTA, GA 30022 PHONE (678) 336-7216 POND-INC.COM

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
EROSION AND SEDIMENT CONTROL
FINAL PLAN

SHEET ID
CE331

CERTIFIED FINAL

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24-HR. EROSION AND SEDIMENT CONTROL CONTACT WILL BE DETERMINED WITH SELECTION OF CONTRACTOR.

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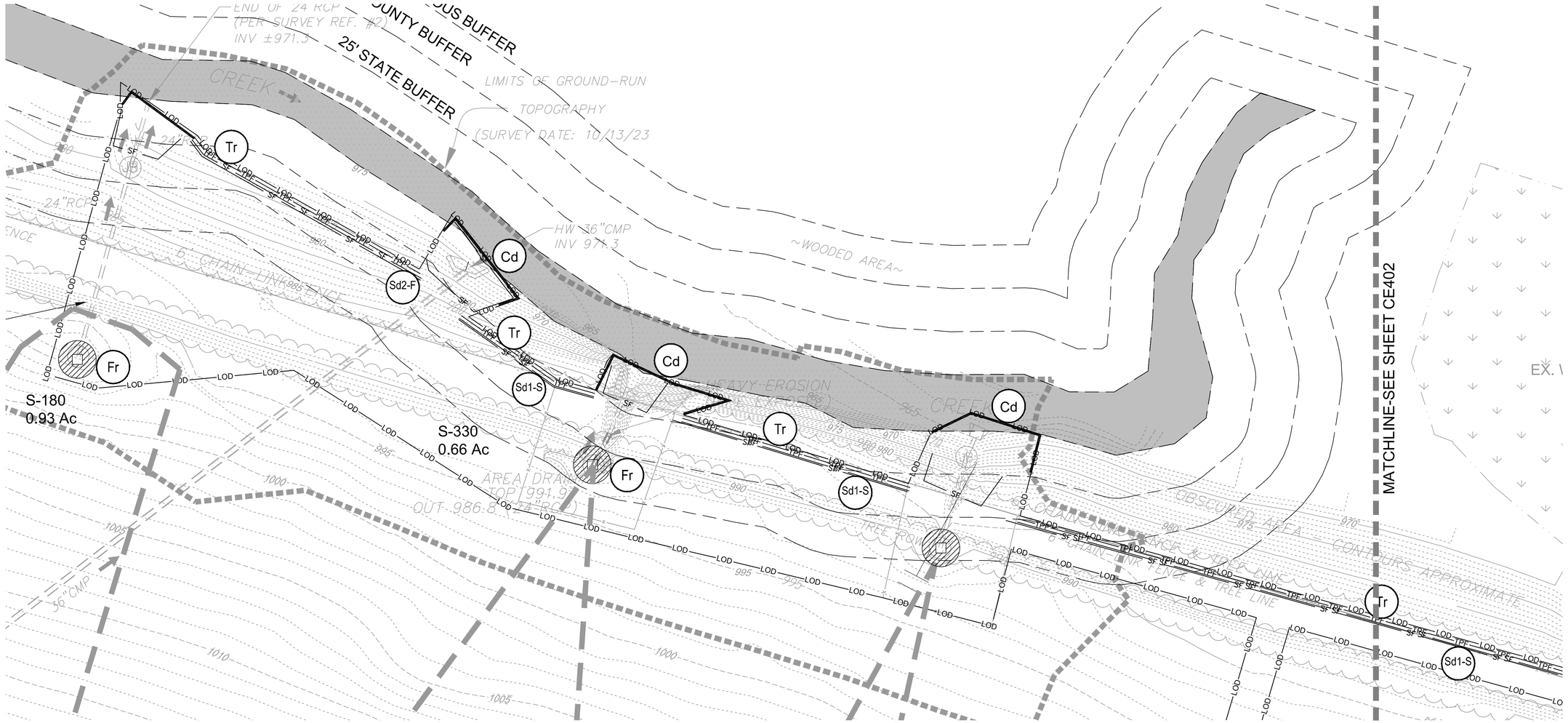

A1 ENLARGED EROSION AND SEDIMENT CONTROL INITIAL PLAN

PLAN NORTH

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
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CONTRACT NO.:
FILE NUMBER: 4230216
FILE NAME: CE101.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND & COMPANY
SUITE 500 RIVERWAY LANE
ATLANTA, GEORGIA 30350
PHONE (678) 336-7150
CERTIFICATE OF AUTHORIZATION NO. PEC008756

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584

ENLARGED EROSION AND SEDIMENT CONTROL INITIAL PLAN

SHEET ID
CE401

CERTIFIED FINAL

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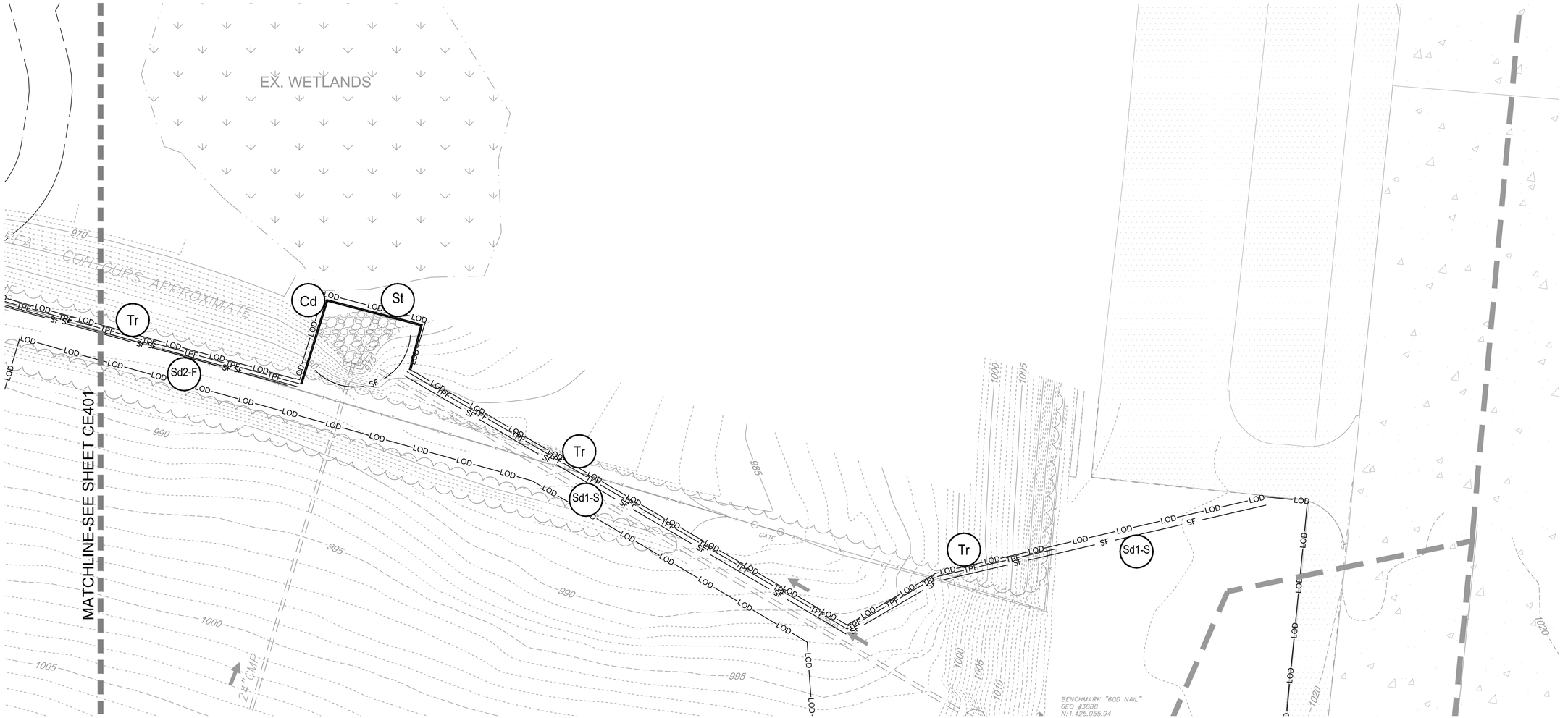

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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3101 PIEDMONT ROAD NE
SUITE 200 ANNEX CRANE
ATLANTA, GEORGIA 30305-GA 30092
PHONE (678) 336-7150
POND PROJECT NO. 230218

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
PZ#: 470584
ENLARGED EROSION AND
SEDIMENT CONTROL INITIAL PLAN

SHEET ID
CE402

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CERTIFIED FINAL

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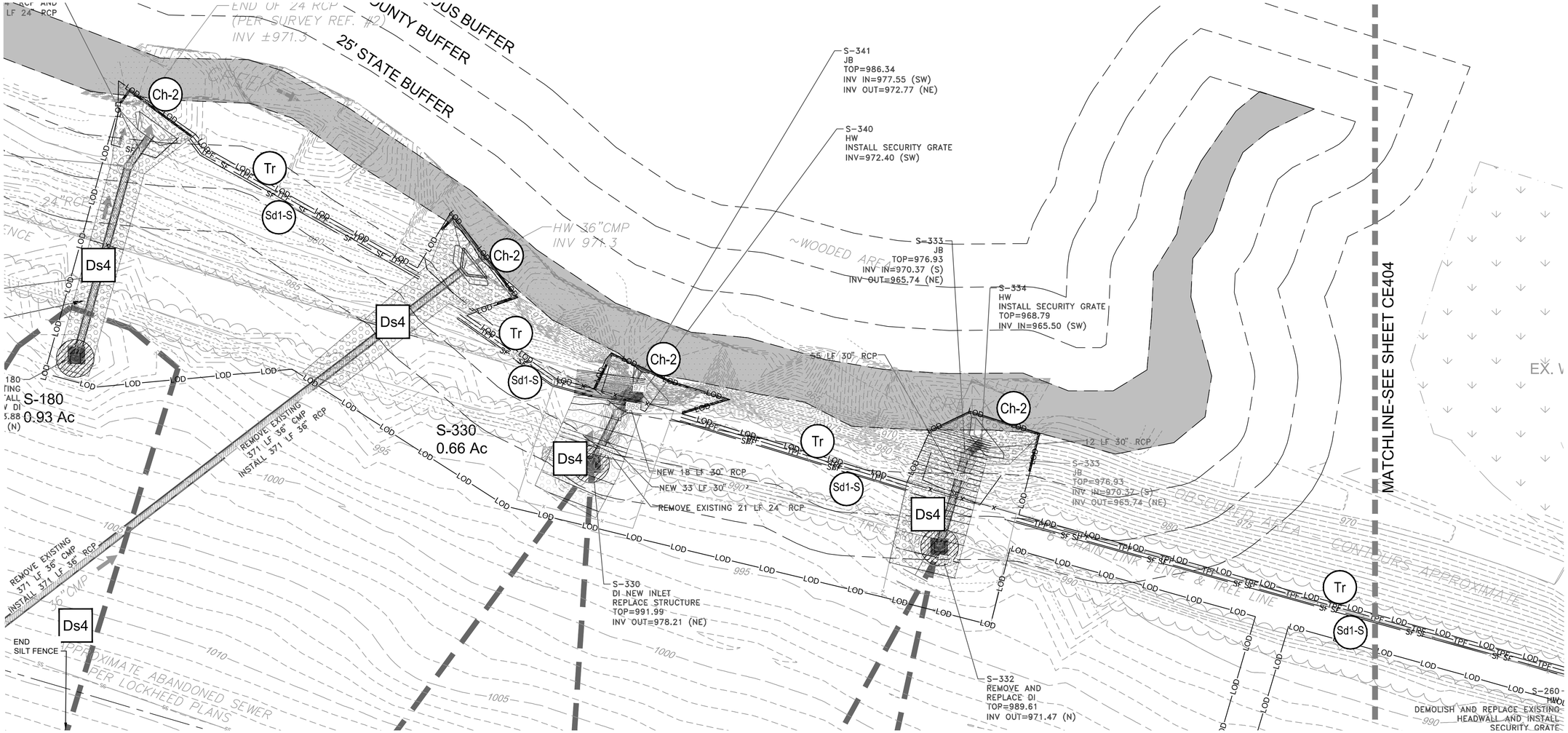

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SUBMITTED BY: A. DUEHR
ACCEPTED BY:
ANSI D
ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218
FILE NAME: CE301.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3320 E 26th Street, Suite 200, Chamblee, GA 30092
PHONE: (678) 336-2752
PHONE: (678) 336-2753

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
ENLARGED EROSION AND SEDIMENT CONTROL FINAL PLAN

SHEET ID
CE403

FILE PATH: X:\PY23\123021804\CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

CERTIFIED FINAL

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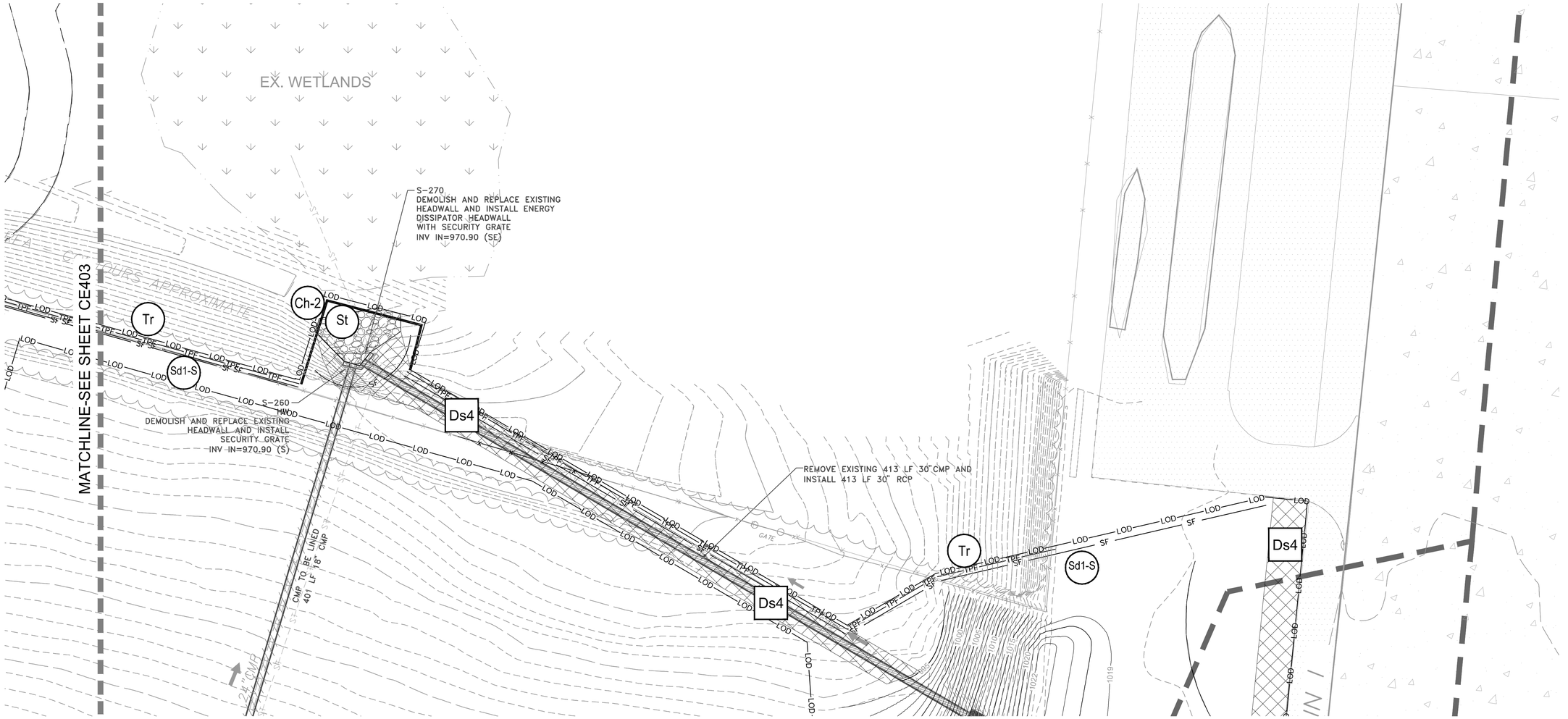

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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
POND
101 PARKSHORE DRIVE, SUITE 500, FOLSOM, CA 95630
SUITE 500 FOLSOM, CA 95630
PHONE (916) 580-9818
PHONE (678) 336-2753
POND PN: 170125

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
ENLARGED EROSION AND SEDIMENT CONTROL FINAL PLAN

SHEET ID

CE404

CERTIFIED FINAL

FILE PATH: X:\PY23\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\CE301 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

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LOUISVILLE, KENTUCKY 40210-0059

POND
3011 ROSWAY LANE
SUITE 300 MACON, GEORGIA 31210
PHONE (478) 330-7215
POND-INC.COM

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CE405

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DESCRIPTION:
A STABILIZED PAD OF CRUSHED STONE FOR GENERAL WASHING OF EQUIPMENT AND CONSTRUCTION VEHICLES AND A SEDIMENT BASIN TO CAPTURE THE WASH DOWN RUN OFF.

APPLICATION:
AT ANY SITE WHERE REGULAR WASHING OF VEHICLES AND EQUIPMENT WILL OCCUR. MAY ALSO BE USED AS A FILLING POINT FOR WATER TRUCKS LIMITING EROSION CAUSED BY OVERFLOW OR SPILLAGE OF WATER.

INSTALLATION/APPLICATION CRITERIA:
- INSTALL CONSTRUCTION ENTRANCE (SEE CONSTRUCTION ENTRANCE DETAIL) AND EXTEND LENGTH AS SHOWN. - INSTALL TYPE A SILT FENCE DOWN GRADE OF CONSTRUCTION ENTRANCE (SEE SILT FENCE DETAIL)
- EXCAVATE WASHDOWN BASIN BETWEEN SILT FENCE AND CONSTRUCTION ENTRANCE. ENSURE ALL RUNOFF FROM WASH DOWN AREA IS CHANNELED TOWARD SEDIMENT BASIN.

LIMITATIONS
CANNOT BE USED FOR WASHING EQUIPMENT OR VEHICLES THAT MAY CAUSE CONTAMINATION'S OF RUNOFF SUCH AS FERTILIZER EQUIPMENT OR PETROLEUM VEHICLES

MAINTENANCE
- INSPECT DAILY FOR SEDIMENT BUILD UP. EXCAVATE AND DISPOSE OF CONCRETE & SEDIMENT PROPERLY WHEN 1/3 OF ORIGINAL VOLUME IS FILLED WITH SEDIMENT AND/OR DEBRIS.
- INSPECT ADJACENT AREA FOR SEDIMENT DEPOSITS AND INSTALL ADDITIONAL CONTROLS AS NECESSARY.
- REPAIR AREA AS REQUIRED TO MAINTAIN CONTROL IN GOOD WORKING CONDITION.
- EXPAND STABILIZED AREA AS REQUIRED TO ACCOMMODATE ACTIVITIES.
- MAINTAIN SILT FENCE AS OUTLINED IN SILT FENCE SPECIFICATIONS AND DETAILS.
- DIVERT UPSTREAM DRAINAGE AREA AROUND TEMPORARY WASHDOWN AREA.
- REMOVE TEMPORARY WASHDOWN AREA AND BRING AREA TO FINAL GRADE AS SHOWN ON THE GRADING PLAN WHEN CEMENT TRUCK AND VEHICLE WASHDOWN AREA IS NO LONGER NECESSARY.

B1 CONCRETE TRUCK WASHDOWN AREA
NO SCALE

NOTES
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
9. WASH RACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASH RACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

B2 CONSTRUCTION ENTRANCE (Co)
NO SCALE

NOTES:
1. FOR STAKES, USE 2X4 INCH WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3'.
2. SPACE STAKES EVENLY AROUND THE PERIMETER OR THE INLET A MAXIMUM OF 3' APART, AND SECURELY DRIVE THEM INTO THE GROUND, APPROXIMATELY 18" DEEP.
3. TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH 2X4 INCH WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1.5' ABOVE THE DROP INLET CREST.
4. PLACE THE BOTTOM 12" OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH AT LEAST 4" OF CRUSHED STONE OR 12" OF COMPACTED SOIL.
5. FASTEN FABRIC SECURELY TO THE STAKES AND FRAME. JOINTS MUST BE OVERLAPPED TO THE NEXT STAKE.
6. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION DOWN SLOPE FROM THE DROP INLET TO KEEP RUNOFF FROM PASSING THE INLET. IT MAY BE NECESSARY TO BUILD A TEMPORARY DIKE ON THE DOWN SLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.

B3 INLET PROTECTION - BAFFLE BOX (Sd2-B)
NO SCALE

STRUCTURE	SHEET	DRAINAGE AREA	VOLUME REQUIRED (67 C.Y./AC)	EXCAVATED DEPTH	LENGTH	WIDTH
ID	NUMBER	ACRES	CU YDS	FT	FT	FT
S-100	CE101, CE201, CE301	1.60	107.20	2	38.0	39.0
S-110	CE101, CE201, CE301	3.30	221.10	2	50.0	60.0
S-130	CE102, CE202, CE302	3.00	201.00	2	52.0	53.0
S-50	CE106, CE206, CE306	16.60	1112.20	2	123.0	123.0
S-200	CE107, CE207, CE307	12.66	848.27	2	108.0	107.0
S-190	CE107, CE207, CE307	9.20	616.40	2	91.0	92.0
S-292	CE107, CE207, CE307	2.21	148.07	2	45.0	45.0
S-220	CE108, CE208, CE308	1.93	129.31	2	42.0	42.0
S-1900	CE108, CE208, CE308	8.00	536.00	2	85.0	86.0
S-230	CE108, CE208, CE308	3.30	221.10	2	50.0	60.0
S-240	CE108, CE208, CE308	2.60	174.20	2	49.0	48.0
S-250	CE108, CE208, CE308	5.67	379.89	2	72.0	72.0
S-310	CE109, CE209, CE309	6.50	435.50	2	77.0	77.0
S-692	CE109, CE209, CE309	7.70	515.90	2	84.0	83.0
S-680	CE109, CE209, CE309	3.41	228.47	2	56.0	56.0
S-690	CE109, CE209, CE309	1.74	116.58	2	40.0	40.0
S-696	CE110, CE210, CE310	7.58	507.86	2	83.0	83.0
S-1125	CE111, CE211, CE311	10.64	712.88	2	99.0	98.0
S-1280	CE111, CE211, CE311	4.72	316.24	2	65.0	66.0
S-1500	CE113, CE213, CE313	4.30	288.10	2	62.0	63.0
S-1510	CE114, CE214, CE214	11.90	797.30	2	105.0	103.0
S-225	CE114, CE214, CE214	2.19	146.73	2	45.0	45.0
S-1525	CE114, CE214, CE214	8.00	536.00	2	85.0	86.0
S-1910	CE114, CE214, CE214	8.79	588.93	2	90.0	89.0
S-1520	CE114, CE214, CE214	3.79	253.93	2	59.0	59.0
S-1530	CE114, CE214, CE214	1.60	107.20	2	39.0	38.0
S-694	CE115, CE215, CE315	2.24	150.08	2	45.0	46.0
S-2010	CE115, CE215, CE315	8.23	551.41	2	86.0	87.0
S-1944	CE115, CE215, CE315	4.16	278.72	2	61.0	62.0
S-1830	CE115, CE215, CE315	2.02	135.34	2	42.0	44.0
S-1840	CE115, CE215, CE315	0.96	64.32	2	30.0	29.0
S-1140	CE117, CE217, CE317	37.50	2512.50	2	180.0	189.0
S-2135	CE121, CE221, CE321	6.61	442.87	2	78.0	77.0
S-2120	CE121, CE221, CE321	13.42	899.14	2	110.0	111.0
S-2244	CE122, CE222, CE322	9.66	647.22	2	94.0	93.0
S-2232	CE122, CE222, CE322	13.00	871.00	2	109.0	108.0

NOTES
1. SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATED AT THE BARRIER SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED.
2. USE WOODEN POSTS ONLY AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
3. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
4. ALL SILT FENCE USED SHALL BE ORANGE IN COLOR. NO BLACK SILT FENCE IS TO BE USED.

NOTE:
USE WOODEN POSTS - ONLY.

C-Pop Systems, LLC - "The One and Only"
940 Harlow Ave. Griffin, GA 30223

A1 C-POP SENSITIVE TYPE SILT FENCE (Sd1-S)
NO SCALE

METHODS AND MATERIALS
A. TEMPORARY METHODS

VEGETATIVE COVER
SEE TEMPORARY SEEDING.

SPRAY-ON ADHESIVES
THESE ARE USED ON MINERALS SOILS. KEEP TRAFFIC OFF THESE AREAS.

SPRINKLING
THE SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED. THIS METHOD IS ESPECIALLY EFFECTIVE ON HAUL ROADS AND OTHER TRAFFIC ROUTES.

BARRIERS
SOLID BOARD FENCES, BURLAP FENCES AND CRATE WALLS CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 15 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION.

B. PERMANENT METHODS

PERMANENT VEGETATION
SEE STANDARD FOR PERMANENT STABILIZATION WITH SOD. EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.

TOPSOILING
THIS ENTAILS COVERING THE SURFACE WITH LESS EROSIVE SOIL MATERIAL. SEE TOPSOILING.

STONE
COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

A3 DUST CONTROL (Du)
NO SCALE

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN
DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218
DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
SIZE: ANSI D
FILE NAME: CE-6001.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3500 PARKWAY LANE SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7740
POND JOB No. 1230218

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584

EROSION AND SEDIMENT CONTROL DETAILS

SHEET ID
CE501

CERTIFIED FINAL

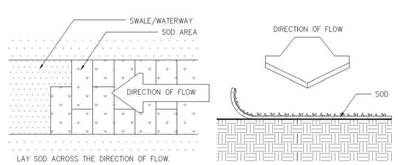
FILE PATH: X:\FY23\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\CE501_PLOT CHECK OF OLD SHEET PLOTTED: 01/09/2026 BY: NORMAN, TANYA

Table 6-6.2 Sod Planting Requirements			
Grass	**Varieties**	**Resource Area**	**Growing Season**
Bermudagrass	Common Tifway Tifgreen Tifawn	M-L,P,C P,C P,C P,C	warm weather
Bahiagrass	Pensacola	P,C	warm weather
Centipede	_	P,C	warm weather
St. Augustine	Common Bitterblue Raleigh	C	warm weather
Zoysia	Emerald Myer	P,C	warm weather
Tall Fescue	Kentucky	M-L,P	cool weather

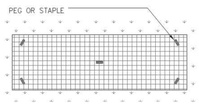
Table 6-6.3 Fertilizer Requirements for Sod				
Types of Species	**Planting Year**	**Fertilizer (N-P-K)**	**Rate (lbs./acre)**	**Nitrogen Top Dressing Rate (lbs./acre)**
cool season grasses	first second maintenance	6-12-12 6-12-12 10-10-10	1500 1000 400	50-100 - 30
warm season grasses	first second maintenance	6-12-12 6-12-12 10-10-10	1500 800 400	50-100 50-100 30

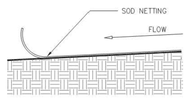
SODDED WATERWAYS

SOD DIRECTIONS

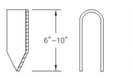


NETTING DIRECTIONS





PEG DETAIL



IN CRITICAL AREAS, SECURE SOD WITH NETTING USING STAPLES.

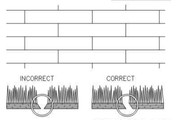
USE PEGS OR STAPLES TO FASTEN SOD FIRMLY --- AT THE ENDS OF STRIPS AND IN THE CENTER, OR EVERY 3-4 FEET IF THE STRIPS ARE LONG. WHEN READY TO MOW, DRIVE PEGS OR STAPLES FLUSH WITH THE GROUND.

Source: Va. DSWC

Figure 6-6.1

SOD MAINTENANCE AND INSTALLATION

SOD LAYOUT AND PREPARATION



LAY SOD IN A STAGGERED PATTERN. BUTT THE STRIPS TIGHTLY AGAINST EACH OTHER. DO NOT LEAVE SPACES AND DO NOT OVERLAP. A SHARPENED MASON'S TROWEL IS A HANDY TOOL FOR TUCKING DOWN THE ENDS AND TRIMMING PIECES.

BUTTING: ANGLED ENDS CAUSED BY THE AUTOMATIC SOD CUTTER MUST BE MATCHED CORRECTLY.

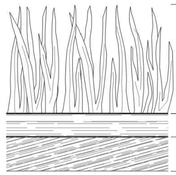
DIRECTIONS FOR INITIAL MAINTENANCE

Step 1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL

Step 2. WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.

Step 3. MOW WHEN THE SOD IS ESTABLISHED --- IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").

APPEARANCE OF GOOD SOD



SHOOTS OR GRASS BLADES: GRASS SHOULD BE GREEN AND HEALTHY, MOWED AT A 2"-3" CUTTING HEIGHT.

THATCH: GRASS CLIPPINGS AND DEAD LEAVES (UP TO 1/2" THICK).

ROOT ZONE: SOIL AND ROOTS. SHOULD BE 1/2"-3/4" THICK WITH DENSE ROOT MAT FOR STRENGTH.

Source: Va. DSWC

Figure 6-6.2

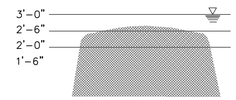
CONSTRUCTION SPECIFICATIONS

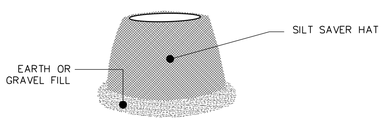
1. BRING SOIL SURFACE TO FINAL GRADE. CLEAR SURFACE OF TRASH, WOODY DEBRIS, STONES AND CLODS LARGER THAN 1". APPLY SOD TO SOIL SURFACES ONLY AND NOT FROZEN SURFACES, OR GRAVEL TYPE SOILS.
2. TOPSOIL PROPERLY APPLIED WILL HELP GUARANTEE A STAND. DON'T USE TOPSOIL RECENTLY TREATED WITH HERBICIDES OR SOIL STERILANTS.
3. MIX FERTILIZER INTO SOIL SURFACE. FERTILIZE BASED ON SOIL TESTS OR TABLE 6-6.1.
4. AGRICULTURAL LIME SHOULD BE APPLIED BASED ON SOIL TESTS OR AT A RATE OF 1 TO 2 TONS PER ACRE.
5. SOIL STAPLES REQUIRED FOR ALL SODDED AREAS.
6. AREAS BROUGHT TO FINAL GRADE AND PREPARED FOR STABILIZATION SHALL BE SODDED AS SOON AS POSSIBLE.
7. IN ALL AREAS, SECURE SOD WITH NETTING USING STAPLES.

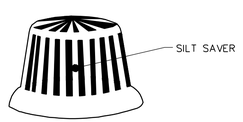
TABLE 6-6.1. FERTILIZER REQUIREMENTS FOR SOIL SURFACE APPLICATION			
FERTILIZER TYPE	FERTILIZER RATE (LBS/ACRE)	FERTILIZER RATE (LBS/SQ FT)	SEASON
10-10-10	1000	0.025	FALL

C1 DISTURBED AREA STABILIZATION (WITH SODDING) Ds4

SILT SAVER (SS-100A) FRAME & FILTER DISCHARGE ANALYSIS







ORIFICE ONLY FLOW CALCULATIONS

OPENING	FILTER	FILTER	FRAME	FILTERED	
HEAD (ft)	AREA (sf)	AREA (sf)	FLOW (cfs)	FLOW (cfs)	FLOW (cfs)
0.5	2.1	6.0	2.0	7.0	2.0
1.0	3.9	12.0	3.0	19.0	3.0
1.5	7.0	18.0	5.0	41.0	5.0
2.0	8.0	24.0	7.0	54.0	7.0
2.5	9.2	30.0	9.0	70.0	9.0
3.0	9.2			77.0	77.0

NOTES:

1. DUE TO NARROW SLOT, A TRANSITION WILL OCCUR BETWEEN WEIR AND ORIFICE CONDITIONS.
2. ORIFICE FLOW WILL PROVIDE A MORE CONSERVATIVE ESTIMATE OF FLOW, THEREFORE THE LESSER OF THE ORIFICE AND WEIR FLOWS WILL BE USED FOR EACH STAGE CALCULATION.
3. FILTER MATERIAL ALLOWS 129 gpm/sf OR 0.29 cfs/SF
   ORIFICE EQUATION (O)=Q=0.6A(2gh)*0.5
   P= FEET PERIMETER Q= CAPACITY IN CFS
   h= HEAD IN FEET A= FREE OPEN AREA OF FRAME
   g= 32.2 FEET PER SECOND PER SECOND

MAINTENANCE:

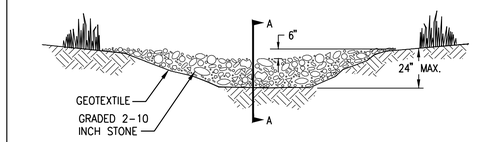
THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. SEDIMENT SHALL NOT BE WASHED INTO THE INLET. IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET, AGAIN. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

Sd2-F

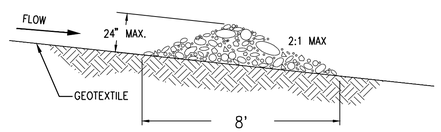
SILT SAVER INLET SEDIMENT TRAP
NTS

04303

A1 INLET PROTECTION - SILT SAVER Sd2-F
NO SCALE

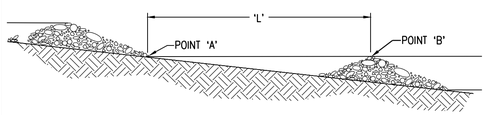


VIEW LOOKING UPSTREAM



SECTION A - A

'L' = THE DISTANCE SUCH THAT POINTS 'A' AND 'B' ARE OF EQUAL ELEVATION.

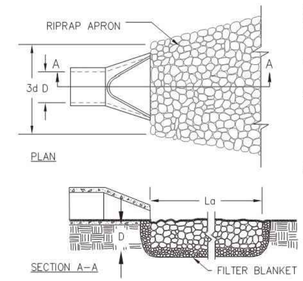


SPACING BETWEEN CHECK DAMS

A3 CHECK DAM Cd-S
NO SCALE

RIPRAP OUTLET PROTECTION

PIPE OUTLET TO FLAT AREA -- NO WELL DEFINED CHANNEL



NOTES:
1. La IS THE LENGTH OF THE RIPRAP APRON.
2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

PIPE OUTLET TO WELL DEFINED CHANNEL

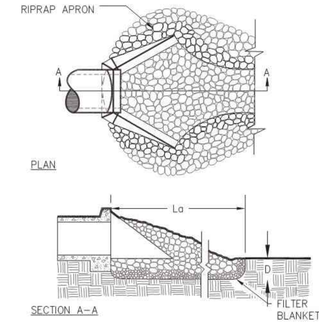


Figure 6-34.3 - Riprap Outlet Protection (Modified From Va SWCC)

OUTLET PROTECTION SUMMARY						
OUTLET PROTECTION ID	PIPE DIA. (IN)	25-YR Q (CFS)	La (FT)	W (FT)	D50 (IN)	TAILWATER
S-2020	30	53.60	38	18	6	MAX
S-2056	30	22.00	12	8	6	MAX
S-2096	30	46.90	27	14	6	MAX
S-2340	24	24.70	27	14	6	MAX

A4 OUTLET PROTECTION St
NO SCALE

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA

GEORGIA REGISTERED No. PE0038055 PROFESSIONAL ENGINEER TANYA L. NORMAN

DATE: 01/09/2026

MARK	DESCRIPTION	DATE

DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
SIZE: ANSI D
ISSUE DATE: JANUARY 2026
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER: 1230218
FILE NAME: CE-0001.dwg

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3001 PARKWAY LANE
SUITE 1000
PEACHTREE CORNERS, GA 30092
POND JOB No. 120574

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584

EROSION AND SEDIMENT CONTROL DETAILS

SHEET ID
CE502

CERTIFIED FINAL

FILE PATH: X:\FY23\1230218\04.02.CAD_PH 2 SHEETS\CE502_PLOT CHECK OF OLD SHEET PLOTTED: 01/09/2026 BY: NORMAN, TANYA

1 2 3 4 5

D C B A

Fr FILTER RING

DEFINITION

A temporary stone barrier constructed at storm drain inlets and pond outlets.

PURPOSE

- Reduce flow velocity.
- Prevent the failure of other sediment control devices.
- Prevent sediment from leaving the site or entering drainage systems.

INSTALLATION

- Install according to the approved plan.
- Use in conjunction with other sediment control measures, except where other practices defined in this Manual are not appropriate.
- Surround all sides of the structure receiving runoff from disturbed areas.
- Place the ring a minimum of 4 ft from the structure.
- If the ring is utilized above a retrofit structure, place a minimum of 8-10 ft from the retrofit.
- When utilized at inlets with diameters less than 12", the filter ring shall be constructed of stone no smaller than 3"-5" (15-30 lbs).

Fr

- When utilized at pipes with diameters greater than 12", the filter ring shall be constructed of stone no smaller than 10"-15" (50-100 lbs).
- Construct the ring at a height no less than 2 ft above grade.
- Mechanically or hand place the stone uniformly around the structure.

Figure 1. Filter Ring Placement

MAINTENANCE

- Keep clear of trash and debris.
- Continuously monitor and maintain the structure.
- Remove sediment when it reaches one-half full.
- Remove structure when the project has reached final stabilization.

C1 FILTER RING

NO SCALE

Fr

American Excelsior Company® Earth Science Division

Proud Participant in NTPEP and Proud Member of: ASTM International Member, Erosion Control Technology Council, IECA Member

RECYCLEX® TRM PERMANENT TURF REINFORCEMENT MAT INSTALLATION GUIDELINES

Recyclex TRM may be installed by two different methods – "stand alone" or "soil filled". Before installing Recyclex using the "stand alone" method, the seedbed shall be inspected by the Owner's Representative to ensure it has been properly compacted and fine graded to remove any existing rills. It shall be free of obstructions, such as tree roots, projections such as stones, and other foreign objects. The contractor shall proceed when satisfactory conditions are present. After the area has been properly shaped, seeded, fertilized, and compacted, Recyclex shall be removed from the protective cover. Next, locate the start of the roll, making sure the roll is facing toward the area to be covered, and then roll out the TRM. The TRM shall be rolled out flat, even, and smooth without stretching the material then anchored to the subgrade. When using the "soil filled" method, the installation of Recyclex shall begin after the area has been inspected by the Owner's Representative and satisfactory conditions are present. After the area has been shaped and compacted, roll out Recyclex. Next, Recyclex shall be anchored to the subgrade, soil filled, seeded, and fertilized. It is recommended that the soil filled Recyclex be covered with a Curlex® erosion control blanket to protect the seedbed and enhance germination.

Slopes: It is recommended the TRM be installed vertically on the slope; however, on short slopes it may be more practical to install horizontally across the width of the application when agreed upon by the Engineer prior to installation. If more than one width is required, overlap the edges of the vertically installed TRMs and secure the TRMs with a common row of staples. Recyclex shall be trenched at the head of the slope if the blanket cannot be extended three feet over the slope crest or if overland flow is anticipated from upslope areas.

Channels: Recyclex shall be centered to offset a seam in the middle of the waterway. They shall be installed in the same direction as the water flow. The adjoining TRMs shall be installed away from the center of channel and overlapped. Recyclex installation should continue up the side slopes three feet above the anticipated high water elevation. Flanks exposed to runoff, or sheet flow, must be trenched in. Recyclex shall be trenched at the start of channels. Recyclex shall be anchored using a staggered staple pattern at end of roll overlaps and end of roll terminations.

Disclaimer: Recyclex TRM is a system for erosion control and revegetation on slopes and channels. American Excelsior Company (AEC) believes that the information contained herein to be reliable and accurate for use in erosion control and revegetation applications. However, since physical conditions vary from job site to job site and even within a given job site, AEC makes no performance guarantees and assumes no obligation or liability for the reliability or accuracy of information contained herein for the results, safety, or suitability of using Recyclex TRM, or for damages occurring in connection with the installation of any erosion control product whether or not made by AEC or its affiliates, except as separately and specifically made in writing. These guidelines are subject to change without notice.

850 Avenue H E | Arlington, Texas 76011
Phone 1-800-777-SOIL | Fax 817-385-3585 | www.Curlex.com

W1020R0122

Application	Channel ≤ 2.3 lb/ft² (110 Pa) Shear Stress ≤ 10.0 ft/sec (3.0 m/sec) Velocity	Channel ≤ 10.0+ lb/ft² (480+ Pa) Shear Stress ≤ 17.0+ ft/sec (5.2+ m/sec) Velocity
Staple Pattern	B	C

A1 TURF REINFORCEMENT

NO SCALE

Ch-2

A4 HIGH VELOCITY CHECK DAM

NO SCALE

Cd

US Army Corps of Engineers® Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
GEORGIA REGISTERED PROFESSIONAL ENGINEER No. PE038055 TANYA L. NORMAN
DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
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FILE NUMBER: 1230218
DESIGNED BY: T. NORMAN
DRAWN BY: J.P. ARISTIZABAL
CHECKED BY: D.M. LECKIE
SUBMITTED BY: A. DUEHR
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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3500 PARKWAY LANE
SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7740
POND JOB No. 1230218

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584

EROSION AND SEDIMENT CONTROL DETAILS

SHEET ID
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FIGURE 1

TO BE USED INSTEAD OF SILT FENCE AROUND PAVEMENT CUTS AND EXCAVATION

INSTALLATION NOTES:

1. COMPOST FILTER SOCKS SHOULD BE INSTALLED PARALLEL TO THE BASE OF THE SLOPE OR OTHER DISTURBED AREA. IN EXTREME CONDITIONS (I.E., 2:1 SLOPES), A SECOND COMPOST FILTER SOCK SHALL BE CONSTRUCTED AT THE TOP OF THE SLOPE.
2. STAKES SHALL BE INSTALLED THROUGH THE MIDDLE OF THE COMPOST FILTER SOCK ON 10 FT CENTERS, USING 2 in BY 2 in BY 3 FT WOODEN STAKES. IN THE EVENT STAKING IS NOT POSSIBLE, I.E., WHEN COMPOST FILTER SOCKS ARE USED ON PAVEMENT, HEAVY CONCRETE BLOCKS SHALL BE USED BEHIND THE COMPOST FILTER SOCKS TO HELP STABILIZE DURING RAINFALL/RUNOFF EVENTS.
3. STAKING DEPTH FOR SAND AND SILT LOAM SOILS SHALL BE 12 in AND 8 in FOR CLAY SOILS.
4. LOOSE COMPOST MAY BE BACKFILLED ALONG THE UPSIDE OF THE COMPOST FILTER SOCK, FILLING THE SEAM BETWEEN THE SOIL SURFACE AND THE DEVICE, IMPROVING FILTRATION AND SEDIMENT RETENTION.

MAINTENANCE

SEDIMENT SHALL BE REMOVED ONCE IT HAS ACCUMULATED TO ONE-HALF THE ORIGINAL HEIGHT OF THE BARRIER. COMPOST FILTER SOCKS SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF COMPOST FILTER SOCK IS REDUCED. COMPOST FILTER SOCKS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATION AT THE COMPOST FILTER SOCK SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE COMPOST FILTER SOCK IS REMOVED.

C1 COMPOST FILTER SOCK
NO SCALE

SPECIES	BROADCAST RATES 2/ - PLS 3/ PER ACRE	PER 1000 SQ. FT.	RESOURCE AREA	PLANTING RATES BY RESOURCE AREA PLANTING DATES (▬ OPTIMUM; — PERMISSIBLE BUT MARGINAL) J	F	M	A	M	J	J	A	S	O	N	D	REMARKS
MILLET, PEARL (PENNESETUM GLAUCUM) ALONE	50 LBS	1.1 LB	M-L P C													88,000 SEED PER POUND. QUICK DENSE COVER. MAY REACH 5 FEET IN HEIGHT. NOT RECOMMENDED FOR MIXTURES.
RYEGRESS, ANNUAL (LOLIUM TEMULENTUM) ALONE	40 LBS	0.9 LB	M-L P C													227,000 SEED PER POUND. DENSE COVER. VERY COMPETITIVE VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES
SUDANGRASS (SORGHUM SUDANESE) ALONE	60 LBS	1.4 LB	M-L P C													55,000 SEED PER POUND. GOOD ON DROUGHTY SITES. NOT RECOMMENDED FOR MIXTURES.
MILLET, BROWNTOP (PANICUM FASCICULATUM) ALONE IN MIXTURES	40 LBS 10 LBS	0.9 LB 0.2 LB	M-L P C													137,000 SEED PER POUND. QUICK DENSE COVER. WILL PROVIDE TOO MUCH COMPETITION IN MIXTURES IF SEEDED AT HIGH RATES.

SPECIFICATIONS

GRADING AND SHAPING
- EXCESSIVE WATER RUNOFF SHALL BE REDUCED BY PROPERLY DESIGNED AND INSTALLED EROSION CONTROL PRACTICES SUCH AS CLOSED DRAINS, DITCHES, DIKES, DIVERSIONS, SEDIMENT BARRIERS, AND OTHERS.
- NO SHAPING OR GRADING IS REQUIRED IF SLOPES CAN BE STABILIZED BY HAND-SEEDED VEGETATION OR IF HYDRAULIC SEEDING EQUIPMENT IS USED.

SEEDBED PREPARATION
- WHEN A HYDRAULIC SEEDER IS USED, SEEDBED PREPARATION IS NOT REQUIRED. WHEN USING CONVENTIONAL OR HAND-SEEDING, SEEDBED PREPARATION IS NOT REQUIRED IF THE SOIL MATERIAL IS LOOSE AND NOT SEALED BY RAINFALL.
- WHEN SOIL HAS BEEN SEALED BY RAINFALL OR CONSISTS OF SMOOTH UNDISTURBED CUT SLOPES, THE SOIL SHALL BE PITTED, TRENCHED, OR OTHERWISE SCARIFIED TO PROVIDE A PLACE FOR SEED TO LODGE AND GERMINATE.

LIME AND FERTILIZER
- AGRICULTURAL LIME IS REQUIRED UNLESS SOIL TESTS INDICATE OTHERWISE. APPLY AGRICULTURAL LIME AT A RATE DETERMINED BY SOIL TEST FOR pH. QUICK ACTING LIME SHOULD BE INCORPORATED TO MODIFY pH DURING THE GERMINATION PERIOD. BIO STIMULANTS SHOULD ALSO BE CONSIDERED WHEN THERE IS LESS THAN 3% ORGANIC MATTER IN THE SOIL. GRADED AREAS REQUIRE LIME APPLICATION. SOILS MUST BE TESTED TO DETERMINE REQUIRED AMOUNTS OF FERTILIZER AND AMENDMENTS. FERTILIZER SHOULD BE APPLIED BEFORE LAND PREPARATION AND INCORPORATED WITH A DISK, RIPPER, OR CHISEL. ON SLOPES TOO STEEP FOR, OR INACCESSIBLE TO EQUIPMENT, FERTILIZER SHALL BE HYDRAULICALLY APPLIED, PREFERABLY IN THE FIRST PASS WITH SEED AND SOME HYDRAULIC MULCH, THEN TOPPED WITH THE REMAINING REQUIRED APPLICATION RATE.

SEEDING
- SELECT A GRASS OR GRASS-LEGUME MIXTURE SUITABLE TO THE AREA AND SEASON OF THE YEAR. SEED SHALL BE APPLIED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTI-PACKER-SEEDER, OR HYDRAULIC SEEDER (SLURRY INCLUDING SEED AND FERTILIZER). DRILL OR CULTIPACKER SEEDERS SHOULD NORMALLY PLACE SEED ONE-QUARTER TO ONE-HALF INCH DEEP. APPROPRIATE DEPTH OF PLANTING IS TEN TIMES THE SEED DIAMETER. SOIL SHOULD BE "RAKED" LIGHTLY TO COVER SEED WITH SOIL IF SEEDED BY HAND. SEE TABLE 6-4.1

MULCHING
- TEMPORARY VEGETATION CAN, IN MOST CASES, BE ESTABLISHED WITHOUT THE USE OF MULCH, PROVIDED THERE IS LITTLE TO NO EROSION POTENTIAL. HOWEVER, THE USE OF MULCH CAN OFTEN ACCELERATE AND ENHANCE GERMINATION AND VEGETATION ESTABLISHMENT. MULCH WITHOUT SEEDING SHOULD BE CONSIDERED FOR SHORT TERM PROTECTION. REFER TO Ds1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY).

IRRIGATION
- DURING TIMES OF DROUGHT, WATER SHALL BE APPLIED AT A RATE NOT CAUSING RUNOFF AND EROSION. THE SOIL SHALL BE THOROUGHLY WETTED TO A DEPTH THAT WILL INSURE GERMINATION OF THE SEED. SUBSEQUENT APPLICATIONS SHOULD BE MADE WHEN NEEDED.

*REVISED PER LATEST EDITION OF MANUAL FOR EROSION & SEDIMENT CONTROL IN GEORGIA.

C3 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING) Ds2
NO SCALE

CONSTRUCTION SPECIFICATIONS

1. USE CORRUGATED METAL OR PLASTIC PIPE WITH 1 INCH DIAMETER PERFORATIONS 6 INCHES ON CENTER.
2. USE A MINIMUM 12 INCH DIAMETER INNER PIPE WITH AN OUTER PIPE A MINIMUM 6 INCHES LARGER IN DIAMETER. BOTTOM OF EACH PIPE MUST BE CAPPED WITH WATERTIGHT SEAL.
3. WRAP EACH PIPE WITH ¼ INCH GALVANIZED HARDWARE CLOTH. ON INNER PIPE WRAP NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, OVER THE HARDWARE CLOTH.
4. EXCAVATE 8 FEET X 8 FEET X 4 FEET DEEP PIT FOR PIPE PLACEMENT. PLACE CLEAN ¾ TO 1½ INCH STONE OR EQUIVALENT RECYCLED CONCRETE, 6 INCHES IN DEPTH PRIOR TO PIPE PLACEMENT.
5. SET TOP OF INNER AND OUTER PIPES MINIMUM 12 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION (OR RISER CREST ELEVATION WHEN DEWATERING A BASIN).
6. BACKFILL PIT AROUND THE OUTER PIPE WITH ¾ TO 1½ INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE AND EXTEND STONE A MINIMUM OF 6 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
7. DISCHARGE TO A STABLE AREA AT A NONEROSIVE RATE.
8. A REMOVABLE PUMPING STATION REQUIRES FREQUENT MAINTENANCE. IF SYSTEM CLOGS, PULL OUT INNER PIPE AND REPLACE GEOTEXTILE. KEEP POINT OF DISCHARGE FREE OF EROSION.

A1 REMOVABLE PUMPING STATION
NO SCALE

CONSTRUCTION SPECIFICATIONS

1. TIGHTLY SEAL SLEEVE AROUND THE PUMP DISCHARGE HOSE WITH A STRAP OR SIMILAR DEVICE.
2. PLACE FILTER BAG ON SUITABLE BASE (E.G., MULCH, LEAF/WOOD COMPOST, WOODCHIPS, SAND, OR STRAW BALES) LOCATED ON A LEVEL OR 5% MAXIMUM SLOPING SURFACE. DISCHARGE TO A STABILIZED AREA. EXTEND BASE A MINIMUM OF 12 INCHES FROM EDGES OF BAG.
3. CONTROL PUMPING RATE TO PREVENT EXCESSIVE PRESSURE WITHIN THE FILTER BAG IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. AS THE BAG FILLS WITH SEDIMENT, REDUCE PUMPING RATE.
4. REMOVE AND PROPERLY DISPOSE OF FILTER BAG UPON COMPLETION OF PUMPING OPERATIONS OR AFTER BAG HAS REACHED CAPACITY, WHICHEVER OCCURS FIRST. SPREAD THE DEWATERED SEDIMENT FROM THE BAG IN AN APPROVED UPLAND AREA AND STABILIZE WITH SEED AND MULCH BY THE END OF THE WORK DAY. RESTORE THE SURFACE AREA BENEATH THE BAG TO ORIGINAL CONDITION UPON REMOVAL OF THE DEVICE.
5. USE NONWOVEN GEOTEXTILE WITH DOUBLE STITCHED SEAMS USING HIGH STRENGTH THREAD. SIZE SLEEVE TO ACCOMMODATE A MAXIMUM 4 INCH DIAMETER PUMP DISCHARGE HOSE. THE BAG MUST BE MANUFACTURED FROM A NONWOVEN GEOTEXTILE THAT MEETS OR EXCEEDS MINIMUM AVERAGE ROLL VALUES (MARV) FOR THE FOLLOWING:

GRAB TENSILE	250 LB	ASTM D-4632
PUNCTURE	150 LB	ASTM D-4833
FLOW RATE	70 GAL/MIN/FT²	ASTM D-4491
PERMITTIVITY (SEC^{-1})	1.2 SEC^{-1}	ASTM D-4491
UV RESISTANCE	70% STRENGTH @ 500 HOURS	ASTM D-4355
APPARENT OPENING SIZE (AOS)	0.15–0.18 MM	ASTM D-4751
SEAM STRENGTH	90%	ASTM D-4632

6. REPLACE FILTER BAG IF BAG CLOGS OR HAS RIPS, TEARS, OR PUNCTURES. DURING OPERATION KEEP CONNECTION BETWEEN PUMP HOSE AND FILTER BAG WATER TIGHT. REPLACE BEDDING IF IT BECOMES DISPLACED.

A2 FILTER BAG
NO SCALE

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. MULCH CAN BE USED AS A SINGULAR EROSION CONTROL DEVICE FOR UP TO SIX MONTHS, BUT IT SHALL BE APPLIED AT THE APPROPRIATE DEPTH, DEPENDING ON THE MATERIAL USED, ANCHORED, AND HAVE CONTINUOUS 90% COVER OR GREATER OF THE SOIL SURFACE. MAINTENANCE SHALL BE REQUIRED TO MAINTAIN APPROPRIATE DEPTH AND 90% COVER. TEMPORARY VEGETATION MAY BE EMPLOYED INSTEAD OF MULCH IF THE AREA WILL REMAIN UNDISTURBED FOR LESS THAN SIX MONTHS. IF AN AREA WILL REMAIN UNDISTURBED FOR GREATER THAN SIX MONTHS, PERMANENT VEGETATION TECHNIQUES SHALL BE EMPLOYED. REFER TO Ds2 - DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING), Ds3 - DISTURBED AREA STABILIZATION (WITH PERMANENT SEEDING), AND Ds4 - DISTURBED AREA STABILIZATION (WITH SODDING).

MULCHING WITHOUT SEEDING

THIS STANDARD APPLIES TO GRADED OR CLEARED AREAS WHERE SEEDINGS MAY NOT HAVE SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDANT COVER, BUT CAN BE STABILIZED WITH A MULCH COVER.

SITE PREPARATION

1. GRADE TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
2. INSTALL NEEDED EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS, TERRACES, AND SEDIMENT BARRIERS.
3. LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

MULCHING MATERIALS

SELECT ONE OF THE FOLLOWING MATERIALS AND APPLY AT THE DEPTH INDICATED:

1. DRY STRAW OR HAY SHALL BE APPLIED AT A DEPTH OF 2 TO 4 INCHES PROVIDING COMPLETE SOIL COVERAGE. ONE ADVANTAGE OF THIS MATERIAL IS EASY APPLICATION.
2. WOOD WASTE (CHIPS, SAWDUST OR BARK) SHALL BE APPLIED AT A DEPTH OF 2 TO 3 INCHES. ORGANIC MATERIAL FROM THE CLEARING STAGE OF DEVELOPMENT SHOULD REMAIN ON SITE, BE CHIPPED, AND APPLIED AS MULCH. THIS METHOD OF MULCHING CAN GREATLY REDUCE EROSION CONTROL COSTS.
3. POLYETHYLENE FILM SHALL BE SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION. THIS MATERIAL CAN BE SALVAGED AND RE-USED.

APPLYING MULCH

MULCHING RATE: MULCH APPLIED TO SEEDED AREAS SHALL ACHIEVE 75% SOIL COVER. WHEN MULCH IS USED WITHOUT SEEDING, MULCH SHALL BE APPLIED TO PROVIDE FULL COVERAGE OF THE EXPOSED AREA.

1. DRY STRAW OR HAY MULCH AND WOOD CHIPS SHALL BE APPLIED UNIFORMLY BY HAND OR BY MECHANICAL EQUIPMENT.
2. IF THE AREA WILL EVENTUALLY BE COVERED WITH PERENNIAL VEGETATION, 20-30 POUNDS OF NITROGEN PER ACRE IN ADDITION TO THE NORMAL AMOUNT SHALL BE APPLIED TO OFFSET THE UPTAKE OF NITROGEN CAUSED BY THE DECOMPOSITION OF THE ORGANIC MULCHES.
3. APPLY POLYETHYLENE FILM ON EXPOSED AREAS.

ANCHORING MULCH

1. STRAW OR HAY MULCH CAN BE PRESSED INTO THE SOIL WITH A DISK HARROW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PACKER DISK". DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISK SHOULD BE DULL ENOUGH NOT TO CUT THE MULCH BUT TO PRESS IT INTO THE SOIL LEAVING MUCH OF IT IN AN ERECT POSITION. STRAW OR HAY MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION. STRAW OR HAY MULCH SPREAD WITH SPECIAL BLOWER-TYPE EQUIPMENT MAY BE ANCHORED. TACKIFIERS, BINDERS, AND HYDRAULIC MULCH WITH TACKIFIER SPECIFICALLY DESIGNED FOR TACKING STRAW CAN BE SUBSTITUTED FOR EMULSIFIED ASPHALT. PLEASE REFER TO SPECIFICATION Tac - TACKIFIERS. PLASTIC MESH OR NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. NETTING OF THE APPROPRIATE SIZE SHALL BE USED TO ANCHOR WOOD WASTE. OPENINGS OF THE NETTING SHALL NOT BE LARGER THAN THE AVERAGE SIZE OF THE WOOD WASTE CHIPS.
3. POLYETHYLENE FILM SHALL BE ANCHOR TRENCHED AT THE TOP AS WELL AS INCREMENTALLY AS NECESSARY.

A3 DISTURBED AREA STABILIZATION (MULCHING ONLY) Ds1
NO SCALE

US Army Corps of Engineers®
Louisville District

TANYA NORMAN, P.E.
P.E. No. 0038055, GA
GEORGIA REGISTERED No. PE038055 PROFESSIONAL ENGINEER TANYA L. NORMAN
DATE: 01/09/2026

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 9, 2026
SOLICITATION NO.:
CONTRACT NO.:
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POND
3500 PARKWAY LANE
SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7740
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GENERAL STRUCTURAL NOTES:

A. GENERAL:

1. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE OTHER DISCIPLINE DRAWINGS (CIVIL, MECHANICAL, ELECTRICAL, AND ETC).

2. WHERE SECTION IS SHOWN AND DETAILED, OTHER SECTIONS OF SIMILAR CONDITION SHALL BE DETAILED THE SAME OR OPPOSITE HAND, WHETHER SPECIFICALLY NOTED OR NOT.

3. ALL VERTICAL ELEVATIONS ARE BASED ON THE CONTROL ELEVATION FROM SURVEY BY OTHERS.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND PRATT & WHITNEY SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY.

5. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER DISCIPLINES WHICH INCLUDES SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES PENETRATIONS, AND OTHER ADDITIONAL ITEMS TO BE PLACED OR SET IN STRUCTURAL WORK.

6. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL PERMANENT SUPPORTS AND LATERAL BRACING ARE IN PLACE.

7. S.E.O.R. APPROVAL MUST BE SECURED FOR ALL SUBSTITUTIONS. SUCH APPROVAL MAY ALSO BE WITHHELD AT THE SOLE DISCRETION OF THE S.E.O.R..

8. THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS BEFORE THEY ARE PROVIDED TO PRATT & WHITNEY AND THE S.E.O.R.. THE CONTRACTOR'S REVIEW SHALL BE DOCUMENTED WITHIN THE SUBMITTAL. PRATT & WHITNEY AND THE S.E.O.R. RESERVE THE RIGHT TO REJECT SUBMITTALS THAT HAVE NOT BEEN FIRST REVIEWED BY THE CONTRACTOR. THE ACCURACY AND COMPLETENESS OF THE SUBMITTALS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ALL ERRORS AND OMISSIONS. IN ADDITION, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS, METHODS, AND SEQUENCING OF CONSTRUCTION.

9. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE EXPERIENCED AND QUALIFIED TO PERFORM THE TYPE OF CONSTRUCTION REQUIRED TO COMPLETE THE WORK PRESCRIBED BY THE CONTRACT DOCUMENTS. THE CONTRACT DOCUMENTS WERE PREPARED AS A COMPLETE SET OF PROJECT DRAWINGS AND SPECIFICATIONS. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL INFORMATION PROVIDED IN THE CIVIL, MECHANICAL, ELECTRICAL, AND STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL NOTIFY PRATT & WHITNEY AND THE S.E.O.R. IMMEDIATELY OF ANY CONFLICTS, OMISSIONS, OR DISCREPANCIES. THIS COORDINATION SHALL BE PERFORMED BEFORE THE PROCUREMENT OF MATERIALS AND/OR FABRICATION OF ANY PROJECT COMPONENTS.

10. THE STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE FOLLOWING:

    a. THE UNITED FACILITIES CRITERIA (UFC) 03-301-01 WITH CHANGE 3, DATED 03 FEBRUARY, 2025.
    b. THE INTERNATIONAL BUILDING CODE, 2024 EDITION (IBC 2024)
    c. THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) 7, 2022 EDITION.
    d. ACI 318 (2019), BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

11. DESIGN LOADS USED IN THE DESIGN OF THE STRUCTURAL SYSTEMS IN THIS PROJECT ARE AS FOLLOWS:

    a. RISK CATEGORY: III

    b. LIVE LOAD:
    WALKWAY: 60 PSF

    c. SNOW LOAD:
    GROUND SNOW LOAD: 25 psf
    FROST DEPTH: 12 INCH(ES)

    d. WIND DESIGN CRITERIA:
    EXPOSURE CATEGORY: C
    BASIC WIND SPEED: V = 115 mph (FACTORED, ULTIMATE LOAD)
    INTERNAL PRESSURE COEFFICIENT: 0 (OTHER STRUCTURE)

    e. SEISMIC DESIGN CRITERIA:
    SPECTRAL RESPONSE ACCELERATION:
    SS (SHORT PERIOD (0.2 SECOND)) = 0.27 g
    S1 (LONG PERIOD (1.0 SECOND)) = 0.097 g
    SDS = 0.22 g
    SD1 = 0.14 g

    SITE CLASSIFICATION = CLASS D (ASSUMED)
    SEISMIC DESIGN CATEGORY: C
    LATERAL FORCE RESISTING SYSTEM: STRUCTURAL STEEL NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
    IMPORTANCE FACTOR, I = 1.0
    RESPONSE MODIFICATION COEFFICIENT = 3.0
    SEISMIC RESPONSE COEFFICIENT, CS = 0.092
    ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
    SEISMIC BASE SHEAR, V: 0.092 * W

B. FOUNDATION:

1. PRIOR TO PLACING FOUNDATION CONCRETE, AND AFTER COMPACTION OF SUBGRADE, ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED AND TESTED BY A QUALIFIED GEOTECHNICAL TECHNICIAN. TESTING SHALL INCLUDE IN PLACE DENSITY TESTING, WHICH WILL REQUIRE ESTABLISHING THE OPTIMUM MOISTURE CONTENT OF THE SUBGRADE. IF THE SUBGRADE HAS LESS THAN THE STATED ALLOWABLE BEARING CAPACITY (SEE NOTE B.2) THE WEAK SUBGRADE SHALL BE REMOVED, RE-COMPACTED, AND RETESTED UNTIL IT IS SATISFACTORY AT NO ADDITIONAL COST TO THE OWNER. OVER EXCAVATION, SOIL REPLACEMENT, SOIL RECOMPACTION, AND GEOGRID ADDITION MAY BE REQUIRED IF PRACTICES STATED ABOVE CANNOT BE DONE TO MEET BEARING REQUIREMENTS AND DEEP FOUNDATIONS ARE REQUIRED. THE CONTRACTOR SHALL RESUBMIT FOR A FOUNDATION REDESIGN IF THIS IS THE CASE.

C. FOUNDATION (CONT.):

2. FOUNDATIONS HAVE BEEN DESIGNED FOR THE FOLLOWING VALUES AS RECOMMENDED BY THE PRESUMPTIVE VALUES PROVIDED IN THE BUILDING CODE:

    a. MAX ALLOWABLE NET SOIL BEARING PRESSURE, Q 1,500 psf

3. NO UNBALANCED BACKFILLING SHALL BE DONE AGAINST CONCRETE OR MASONRY WALLS UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY CONSTRUCTION BRACING OR BY PERMANENT CONSTRUCTION.

C. CAST-IN-PLACE CONCRETE:

1. CAST-IN-PLACE CONCRETE FOR THIS PROJECT SHALL COMPLY WITH THE AMERICAN CONCRETE INSTITUTE (ACI) "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND COMMENTARY" ACI 318-19 AND ACI 318R-19. IN ADDITION, ALL CONCRETE STRUCTURES SHALL COMPLY WITH ANY MANDATORY FEDERAL, STATE, OR CITY CODES IN EFFECT AT THE JOB SITE.

2. CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW AND APPROVAL BY ENGINEER PRIOR TO PLACING CONCRETE. SUBMITTAL SHALL CONFORM WITH REQUIREMENTS OF ACI 318-19. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S.

3. ALL EXPOSED CONCRETE EDGES SHALL HAVE 3/4" CHAMFER (45 DEGREE), UNLESS NOTED OTHERWISE.

4. ALL ANCHOR RODS SHALL BE BLACK STEEL WHEN FULLY ENCASED IN CONCRETE AND HOT DIPPED GALVANIZED ELSEWHERE.

5. CONCRETE FORMWORK SHALL COMPLY WITH ACI 347, LATEST EDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL FORMWORK.

6. DURING AND IMMEDIATELY AFTER PLACING, CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY SPADING OR MECHANICAL VIBRATING TO PROVIDE DENSE CONCRETE FREE OF HONEY COMBING.

7. AFTER FLOATING, THE SURFACE OF ALL SLABS ON GRADE SHALL BE LIGHTLY STEEL TROWELED, AND THEN CAREFULLY SCORED BY PULLING A COARSE FIBER PUSH-TYPE BROOM ACROSS THE SURFACE. BROOMING SHALL BE TRANSVERSE TO TRAFFIC OR AT RIGHT ANGLES TO THE SLOPE OF THE SLAB. AFTER THE END OF THE CURING PERIOD, THE SURFACE SHALL BE VIGOROUSLY BROOMED WITH A COARSE FIBER BROOM TO REMOVE ALL LOOSE OR SEMI-DETACHED PARTICLES.

8. CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:

CLASS	AREA	STRENGTH @ 28 DAYS	AIR CONTENT	MAX W/C RATIO	SLUMP
I/II	EXTERIOR	4,000 psi	6% ± 1.5%	0.45	4" ± 1"

9. PORTLAND CEMENT USED IN CONCRETE SHALL BE TYPE I/II. THE USE OF FLY ASH MAY BE USED AS NEEDED TO REDUCE THE TOTAL AMOUNT OF PORTLAND CEMENT BUT MAX AND MIN AMOUNTS IF USED SHALL BE PER ACI 301.

10. CHEMICAL ADMIXTURES (WHERE USED) SHALL MEET THE FOLLOWING REQUIREMENTS:
    a. AIR-ENTRAINING ADMIXTURE: ASTM C 260/C 260M
    b. WATER-REDUCING ADMIXTURE: ASTM C 494/C 494M, TYPE A.
    c. RETARDING ADMIXTURE: ASTM C 494/C 494M, TYPE B.
    d. WATER-REDUCING AND RETARDING ADMIXTURE: ASTM C 494/C 494M, TYPE D.
    e. HIGH-RANGE, WATER-REDUCING ADMIXTURE: ASTM C 494/C 494M, TYPE F.
    f. HIGH-RANGE, WATER-REDUCING AND RETARDING ADMIXTURE: ASTM C 494/C 494M, TYPE G.
    g. PLASTICIZING AND RETARDING ADMIXTURE: ASTM C 1017/C 1017M, TYPE II.

11. CONCRETE CURING PRODUCT SHALL BE ON OF THE FOLLOWING:
    a. EVAPORATION RETARDER: WATERBORNE, MONOMOLECULAR FILM FORMING
    b. ABSORPTIVE COVER: AASHTO M 182, CLASS 2, BURLAP CLOTH MADE FROM JUTE OR KENAF, WEIGHING APPROXIMATELY 9 OZ./SQ. YD. WHEN DRY.
    c. MOISTURE-RETAINING COVER: ASTM C 171, POLYETHYLENE FILM OR WHITE BURLAP-POLYETHYLENE SHEET.
    d. CLEAR, WATERBORNE, MEMBRANE-FORMING CURING COMPOUND: ASTM C 309, TYPE 1, CLASS B, DISSIPATING.

12. CONCRETE CURING SHALL BE IN ACCORDANCE WITH ACI 308.1 BY ONE OF THE FOLLOWING METHODS:
    a. MOISTURE CURING: KEEP SURFACES CONTINUOUSLY MOIST FOR NOT LESS THAN SEVEN DAYS.
    b. MOISTURE-RETAINING-COVER CURING: COVER CONCRETE SURFACES WITH MOISTURE-RETAINING COVER FOR CURING CONCRETE, PLACED IN WIDEST PRACTICABLE WIDTH, WITH SIDES AND ENDS LAPPED AT LEAST 12 INCHES (300 MM), AND SEALED BY WATERPROOF TAPE OR ADHESIVE. CURE FOR NOT LESS THAN SEVEN DAYS. IMMEDIATELY REPAIR ANY HOLES OR TEARS DURING CURING PERIOD, USING COVER MATERIAL AND WATERPROOF TAPE.
    c. CURING COMPOUND: APPLY UNIFORMLY IN CONTINUOUS OPERATION BY POWER SPRAY OR ROLLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. RECOAT AREAS SUBJECTED TO HEAVY RAINFALL WITHIN THREE HOURS AFTER INITIAL APPLICATION. MAINTAIN CONTINUITY OF COATING AND REPAIR DAMAGE DURING CURING PERIOD. AFTER CURING PERIOD HAS ELAPSED, REMOVE CURING COMPOUND WITHOUT DAMAGING CONCRETE SURFACES BY METHOD RECOMMENDED BY CURING COMPOUND MANUFACTURER.
    d. CURING AND SEALING COMPOUND: APPLY UNIFORMLY TO FLOORS AND SLABS INDICATED IN A CONTINUOUS OPERATION BY POWER SPRAY OR ROLLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. RECOAT AREAS SUBJECTED TO HEAVY RAINFALL WITHIN THREE HOURS AFTER INITIAL APPLICATION. REPEAT PROCESS 24 HOURS LATER AND APPLY A SECOND COAT. MAINTAIN CONTINUITY OF COATING AND REPAIR DAMAGE DURING CURING PERIOD.

13. ALL WATER USED IN CONCRETE MIXING AND CURING SHALL BE POTABLE.

14. CONCRETE COMPLY WITH ACI 306.1 FOR COLD-WEATHER PROTECTION AND ACI 305.1 FOR HOT WEATHER PROTECTION WHEN REQUIRED DUE TO EXTERIOR TEMPERATURES.

C. CAST-IN-PLACE CONCRETE (CONT.):

15. ALL CONCRETE AGGREGATES MUST BE NON-REACTIVE. A FIELD PERFORMANCE RECORD OF THREE YEARS, OR IF THAT IS NOT AVAILABLE, ONE OF THE FOLLOWING SHALL BE USED TO DISPLAY THAT THE AGGREGATES ARE NON-REACTIVE (ACI 201.2R PROVIDES FURTHER INFORMATION ON THE DELETERIOUS REACTIONS IN CONCRETE WITH REACTIVE AGGREGATES):
    a. MORTAR BAR TESTING - ASTM C 227,
    b. PETROGRAPHIC ANALYSIS OF THE AGGREGATE - ASTM C 295
    c. CHEMICAL TESTING - ASTM C 289.

16. CALCIUM CHLORIDE SHALL NOT BE USED IN CONCRETE.

17. AIR ENTRAINED CONCRETE SHALL BE USED. AIR ENTRAINING ADMIXTURES SHALL MEET ASTM C 260.

18. FLY ASH SHALL CONFORM TO ASTM C 618. CLASS F AND CLASS C FLY ASH MAYBE USED. FLY ASH REPLACEMENT SHALL NOT EXCEED 20 PERCENT OF THE TOTAL WEIGHT OF THE CEMENTITIOUS MATERIAL.

19. THE CONTRACTOR SHALL FURNISH ALL MATERIALS UNLESS NOTED OTHERWISE.

20. SUPPORT AND ANCHORAGE OF THE REINFORCING IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL CONFORM TO ACI-318.

21. ALL VOIDS IN EXPOSED FORMED SURFACES SHALL BE PATCHED.

22. SURFACES WHICH ARE TO RECEIVE GROUT OR ADDITIONAL CONCRETE SHALL BE CLEANED AND GIVEN A ROUGHEN TEXTURE.

23. CONCRETE SHALL BE CONSOLIDATED BY VIBRATOR. FORM VIBRATION IS NOT PERMITTED.

24. ANCHOR BOLTS SHALL BE SECURED AGAINST MOVEMENT DURING CONCRETE PLACEMENT.

25. GROUT (UNLESS OTHERWISE NOTED ON THE DRAWINGS) SHALL BE GOOD QUALITY CEMENT OR EPOXY BASED AND NON-SHRINK CONFORMING TO ASTM C1107/C1107M.

GEORGIA ... STRUCTURAL ENGINEER PAUL S. CARTER 01/08/26

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CONTRACT NO.:
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DESIGNED BY: P. CARTER
DRAWN BY: S. SAUNDERS
CHECKED BY: K. HU
SUBMITTED BY: A. DUEHR
SIZE: ANSI D
FILE NAME:

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
3500 PARKWAY LANE
SUITE 500
PEACHTREE CORNERS, GA 30092
PHONE (678) 336-7740
POND JOB No. 1170116

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584

STRUCTURAL
GENERAL NOTES

SHEET ID
S-001

CERTIFIED FINAL

FILE PATH: X:\FY23\1230218\04.CAD BIM\04.02.CAD_PH 2 SHEETS\ST\S-001 PLOTTED: 01/09/2026 BY: NORMAN, TANYA

GENERAL STRUCTURAL NOTES (CONT.):

D. CONCRETE REINFORCEMENT:

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615 SUPPLEMENT SI, GRADE 60, OF DOMESTIC MANUFACTURER.

2. CONTRACTOR SHALL SUBMIT CONCRETE REINFORCEMENT SHOP DRAWINGS FOR REVIEW AND APPROVAL. SHOP DRAWINGS SHALL SHOW ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING REINFORCING STEEL AND ACCESSORIES.

3. REINFORCEMENT SHALL BE FABRICATED TO SHAPES AND DIMENSIONS SHOWN AND SHALL CONFORM TO THE REQUIREMENTS OF CRSI AND ACI 318. REINFORCEMENT SHALL BE COLD BENT UNLESS OTHERWISE AUTHORIZED. BENDING MAY BE ACCOMPLISHED IN THE FIELD OR AT THE MILL. BARS SHALL NOT BE BENT AFTER EMBEDDED IN CONCRETE.

4. REINFORCEMENT SHALL BE FREE FROM LOOSE RUST AND SCALE, DIRT, OIL, OR OTHER DELETERIOUS COATING THAT COULD REDUCE BOND WITH THE CONCRETE.

5. NO SPLICES OF REINFORCEMENT SHALL BE PERMITTED EXCEPT AS DETAILED OR AUTHORIZED. MAKE BARS CONTINUOUS AROUND CORNERS WITH CORNER BARS. WHERE PERMITTED, SPLICES MADE BY CONTACT LAPS SHALL BE CLASS "B" TENSION LAPS.

6. TENSION AND COMPRESSION REINFORCEMENT SPLICES IN CONCRETE SHALL BE MADE AS FOLLOWS:
   - #4 BARS - 28"
   - #5 BARS - 34"
   - #6 BARS - 41"
   - #7 BARS - 59"
   - #8 BARS - 67"

7. WHERE HOOKS ARE SHOWN, PROVIDE STANDARD 90° HOOKS IN ACCORDANCE WITH CRSI AND ACI 318, UNLESS NOTED OTHERWISE.

8. WHERE REQUIRED, PROVIDE DOWELS TO MATCH SIZE AND SPACING OF VERTICAL REINFORCING FROM FOUNDATION. DOWELS SHALL HAVE STANDARD 90° HOOKS.

9. MINIMUM CAST-IN-PLACE CONCRETE REINFORCING COVER REQUIREMENTS:
   a. CONCRETE CAST AGAINST EARTH: 3"

   b. FORMED CONCRETE EXPOSED TO EARTH OR WEATHER:
      WALLS, SLABS:
      #6 BAR AND LARGER 2"
      #5 BAR AND SMALLER 1 1/2"

   c. FORMED CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
      WALLS, SLABS:
      #11 BAR AND SMALLER 1"

9. ALL REINFORCING STEEL AND EMBEDDED ITEMS SUCH AS ANCHOR RODS AND WELD PLATES SHALL BE PLACED TO PREVENT DISPLACEMENT BEYOND PERMITTED TOLERANCES.

10. DETAIL BARS IN ACCORDANCE WITH "ACI DETAILING MANUAL" PUBLICATION SP-66, ACI 318, AND ACI 315, LATEST EDITIONS.

11. PROVIDE ACCESSORIES NECESSARY TO PROPERLY SUPPORT REINFORCING AT POSITIONS SHOWN ON PLANS.

12. REINFORCING SHALL NOT BE WELDED

13. DETAILS, FABRICATION, AND TAGGING OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI 315 MANUAL, LATEST EDITION, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

14. ALL REINFORCING SHALL BE COLD BENT PRIOR TO PLACEMENT. FIELD BENDING IS NOT ALLOWED.

E. POST-INSTALLED ANCHORS:

1. ALL POST INSTALLED ANCHORS SHALL BE INSTALLED WITH THE PRODUCT DIAMETER AND EMBEDMENT SHOWN IN THE DETAILS.

1. INSTALL PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS. CONTRACTOR SHALL CONTACT MANUFACTURER'S REPRESENTATIVE FOR PRODUCT INSTALLATION TRAINING.

2. REFER TO THE PROJECT BUILDING CODE AND/OR EVALUATION REPORT FOR SPECIAL INSPECTIONS AND PROOF LOAD REQUIREMENTS.

3. THREADED RODS SHALL HAVE A MINIMUM YIELD STRENGTH OF 36 ksi.

4. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE LISTED BELOW MAY BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER OF RECORD FOR REVIEW. SUBSTITUTIONS WILL ONLY BE CONSIDERED FOR PRODUCTS HAVING A RESEARCH REPORT RECOGNIZING THE PRODUCT FOR THE APPROPRIATE APPLICATION UNDER THE PRODUCT BUILDING CODE. SUBSTITUTION REQUESTS SHALL INCLUDE CALCULATIONS THAT DEMONSTRATE THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE EQUIVALENT PERFORMANCE VALUES OF THE DESIGN BASIS PRODUCT.

5. ADHESIVE ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE DRILL BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-14 D.9.2.2. INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-14 D.9.2.4. PRE-APPROVED PRODUCTS INCLUDE:

	MANUFACTURER	PRODUCT	ICC REPORT
BASIS OF DESIGN	HILTI	HIT-RE 500-V3 W/ THREADED ROD	ESR-3814
PRE-APPROVED ALTERNATE ANCHORS	HILTI	HIT-HY 200R W/ HIT-Z ANCHORS	ESR-3187
	SIMPSON STRONG-TIE	SET-XP W/ THREADED ROD	EST-2508
	SIMPSON STRONG-TIE	PE1000+ W/ THREADED ROD	ESR-2583

F. STATEMENT OF SPECIAL INSPECTIONS:

1. SPECIAL INSPECTIONS ARE REQUIRED IN ACCORDANCE WITH THE FBC CHAPTER 17 AND IS PROVIDED HERE FOR CONTRACTOR ESTIMATION PURPOSES.

2. A QUALIFIED TESTING AND INSPECTION AGENCY SHALL BE EMPLOYED TO PROVIDE SPECIAL INSPECTIONS.

3. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO MEETS THE REQUIREMENTS OF SECTION 1704 AS FOUND IN THE FLORIDA BUILDING CODE.

4. THE SPECIAL INSPECTOR SHALL KEEP DAILY RECORDS OF INSPECTIONS AND SHALL PROVIDE MONTHLY WRITTEN REPORTS OF THESE INSPECTIONS AND TESTS TO THE GOVERNMENT.

5. ANY TESTS OR INSPECTIONS INDICATING ITEMS NOT IN STRICT CONFORMANCE WITH THE CONTRACT DOCUMENTS AND APPLICABLE REFERENCED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR IMMEDIATE CORRECTION AND DOCUMENTED WITH THE INSPECTOR'S FIELD REPORT. IF THE DISCREPANCIES ARE NOT CORRECTED, THEY SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER.

6. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL STATEMENT OF SPECIAL INSPECTIONS WHICH STATES THAT THE SPECIAL INSPECTIONS AND TESTING REQUIRED FOR THIS PROJECT HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

7. A SCHEDULE OF STRUCTURAL INSPECTIONS IS LOCATED ON S-003.

8. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORK IS PREFORMED IN STRICT CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS. A QUALITY CONTROL PROGRAM SHALL BE USED BY THE GENERAL CONTRACTOR. THE SPECIAL INSPECTIONS SHALL NOT BE USED AS THE CONTRACTOR'S QUALITY CONTROL.

G. WATERSTOP NOTES:

1. WATER STOP MUST BE FLEXIBLE POLYVINYL CHLORIDE (PVC), WHICH MUST BE EXTRUDED FROM AN ELASTOMERIC PLASTIC MATERIAL OF WHICH THE BASIC RESIN IS PRIME VIRGIN POLYVINYL CHLORIDE. THE PVC COMPOUND MUST NOT CONTAIN ANY SCRAPPED OR RECLAIMED MATERIAL OR PIGMENT. IT MUST COMPLY WITH CORPS OF ENGINEERS: CRD-C 572-74

2. WATER ABSORPTION MUST BE 0.15% MAX (AS TESTED PER ASTM D570)

3. TEAR RESISTANCE MUST BE 300 LBS./INCH MIN (AS TESTED PER ASTM D624)

4. ULTIMATE ELONGATION MUST BE 350% MIN (AS TESTED PER ASTM D638)

5. TENSILE STRENGTH MUST BE 2000 PSI MIN (AS TESTED PER ASTM D638)

6. TENSILE STRENGTH, AFTER ACCELERATED EXTRACTION MUST BE 1600 PSI MIN (AS TESTED PER CRD-C 572)

7. ELONGATION, AFTER ACCELERATED EXTRACTION MUST BE 300% MIN (AS TESTED PER CRD-C 572)

8. HARDNESS, SHORE A MUST BE 79 +/- 3 (AS TESTED PER ASTM D2240)

GEORGIA — STRUCTURAL — 01/08/26 — ENGINEER — PAUL S. CARTER

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DESIGNED BY: P. CARTER
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SIZE: ANSI D
FILE NAME:

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
181 WEST MAIN STREET, SUITE 500
LEXINGTON, KY 40507
PHONE: (859) 543-7766
POND
5015 BUSINESS CENTER DR., SUITE 5000
CUMMING, GA 30042
PHONE: (678) 580-1270

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
STRUCTURAL
SPECIAL INSPECTIONS

SHEET ID
S-002

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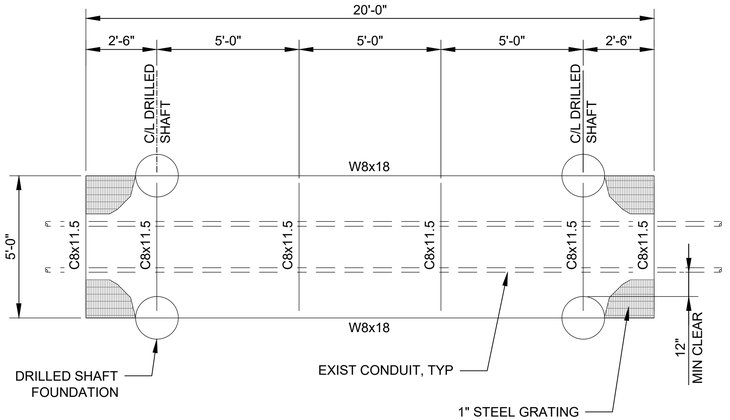
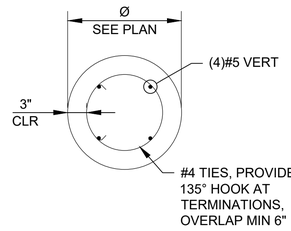


C1 WALKWAY FRAMING PLAN
SCALE: 3/8" = 1'-0"



D3 DRILLED SHAFT REINFORCING DETAIL
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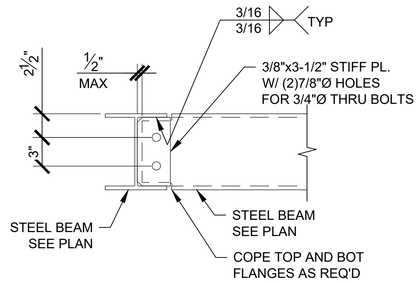

C3 TYPICAL BEAM CONNECTION DETAIL
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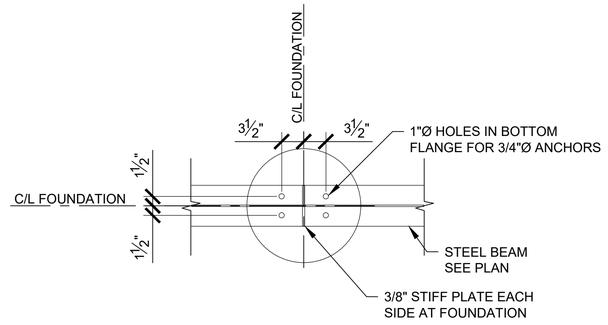
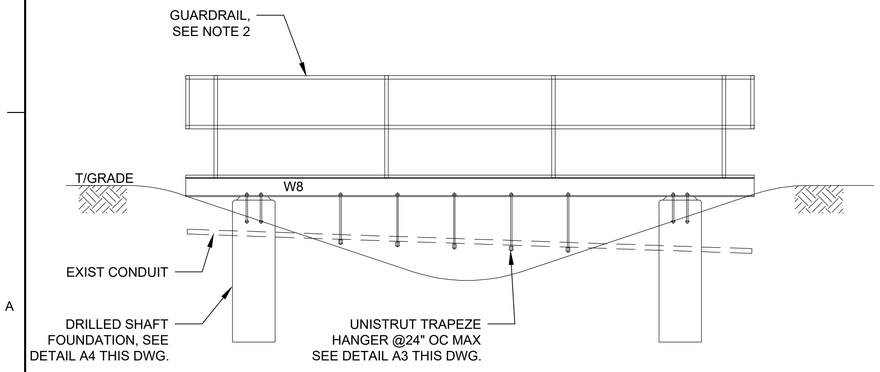


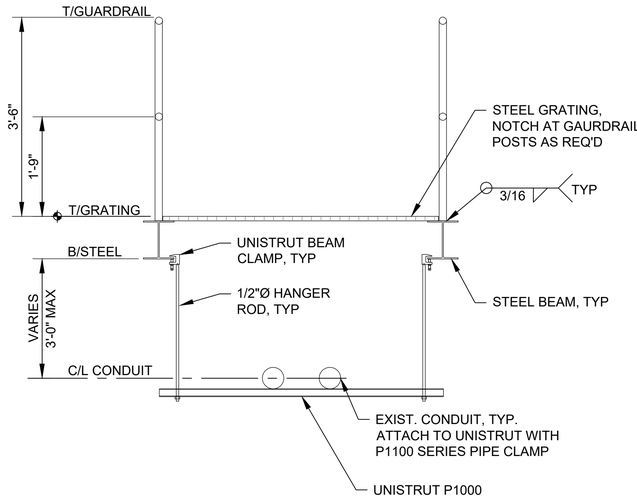
C5 BEAM TO FOUNDATION CONNECTION
SCALE: 1" = 1'-0"

SHEET NOTES:

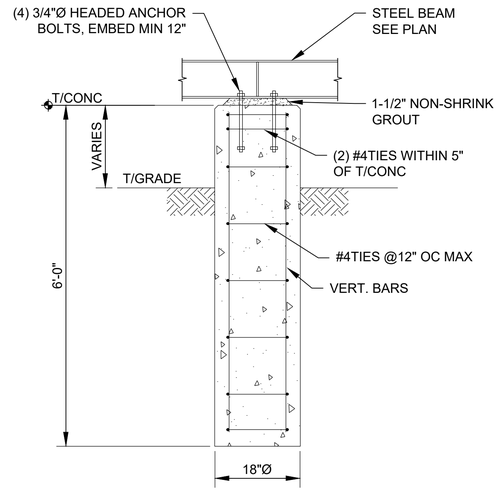
1. REFER TO SHEET S-001 FOR GENERAL MATERIAL AND CONSTRUCTION NOTES.
2. PROVIDE STANDARD GUARDRAIL AT THE TOP OF THE RETAINING WALL. RAILING SHALL BE CONSTRUCTED AS FOLLOWS:
   - 1-1/2" SCH. 80 POSTS SPACED AT 5'-0" OC MAX
   - 1-1/2" SCH. 40 MIDRAIL SPACED AT 21" ABOVE T/ GRATING
   - 1-1/2" SCH. 40 TOP RAIL
   - 5/8"x6"x0'-6" BASE PLATE WITH (2) 5/8"Ø EXPANSION ANCHORS TO WALL, EMBED MIN 4-1/2", TYP EA POST
3. CONTRACTOR SHALL PROTECT EXISTING CONDUIT FROM DAMAGE DURING CONSTRUCTION.



A1 WALKWAY FRAMING ELEVATION
SCALE: 3/8" = 1'-0"



A3 TYPICAL CONDUIT HANGER DETAIL
SCALE: 3/4" = 1'-0"



A4 FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"

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LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
ENGINEERING, LLC
1ST FLORIDA CORNERS, GA 30092
SUITE 500
PHONE (678) 513-2776
PHONE (678) 513-2776

MARK	DESCRIPTION	DATE

DESIGNED BY: P. CARTER
DRAWN BY: S. SAUNDERS
CHECKED BY: K. HU
SUBMITTED BY: A. DUEHR
SIZE: ANSI D
ISSUE DATE: JANUARY 9, 2026
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FILE NAME:

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
PHASE II
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 21-0002 & FGWB 25-0006
P2#: 470584
STRUCTURAL
CONDUIT SUPPORT DETAILS

SHEET ID
S-301

GEORGIA STRUCTURAL ENGINEER
01/08/26
PAUL S. CARTER

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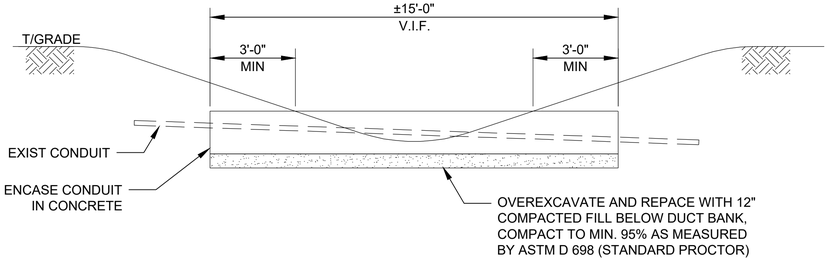
SHEET NOTES:

1. REFER TO SHEET S-001 FOR GENERAL MATERIAL AND CONSTRUCTION NOTES.

2. CONTRACTOR SHALL PROTECT EXISTING CONDUIT FROM DAMAGE DURING CONSTRUCTION.



A1 CONDUIT ENCASEMENT ELEVATION
SCALE: 3/8" = 1'-0"
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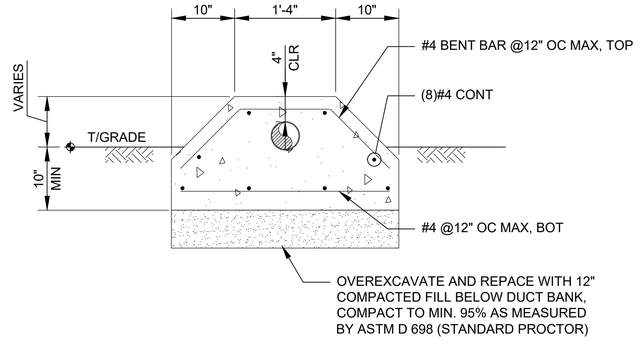

A3 TYPICAL CONDUIT HANGER DETAIL
SCALE: 3/4" = 1'-0"
0 6" 1' 2' 3' 4'

GEORG... STRUCTURAL ENGINEER
01/08/26
PAUL S. CARTER

US Army Corps of Engineers®
Louisville District

MARK	DESCRIPTION	DATE

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U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
ARCHITECTURE
127 PEACHTREE, CORNERS, GA. 30092
SUITE 500
ATLANTA, GEORGIA
PHONE (678) 553-7776
PHONE (678) 553-7779

REPAIR & MAINTAIN AIRFIELD STORMWATER SYSTEM
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