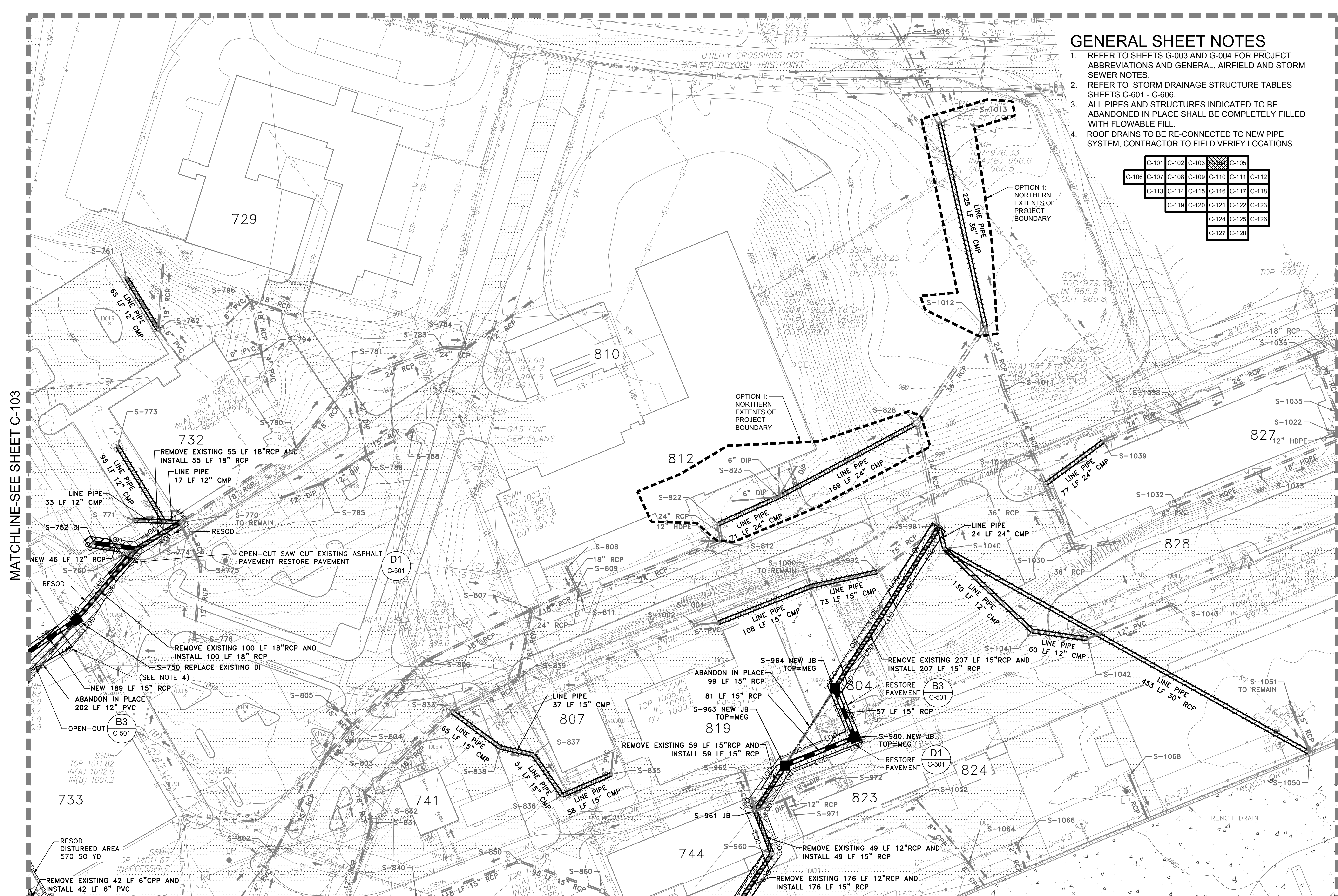


GENERAL SHEET NOTES

- REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
- REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
- ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.
- ROOF DRAINS TO BE RE-CONNECTED TO NEW PIPE SYSTEM, CONTRACTOR TO FIELD VERIFY LOCATIONS.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |



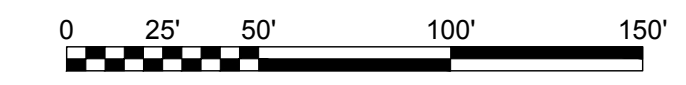
MATCHLINE-SEE SHEET C-103

MATCHLINE-SEE SHEET C-105

MATCHLINE-SEE SHEET C-110

STORM DRAINAGE PLAN

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| APPROVED BY: S. BAILEY | CONTRACT NO.: |
| DATE SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: 470564-C-101.dwg | ANSI: |

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

POND
TETRA TECH, INC.
2800 PARKWAY, SUITE 3000
ALPHARETTA, GEORGIA 30009
PHONE: 770.244.4900
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564


STORM DRAINAGE PLAN

FILE PATH: O:\PROJECTS\DOBBINS\185220B-11652-18007\CAD\DWG\FILES\470564-C-101_PLOTTED_05/20/2019 BY: MATTHEWS, RUS

GENERAL SHEET NOTES

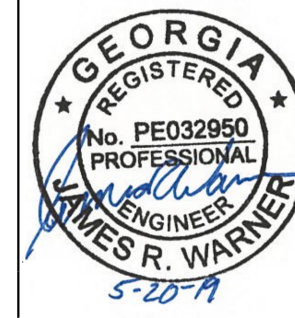
1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 | C-106 | C-107 | C-108 | C-109 | C-110 | C-111 | C-112 | | |
| C-113 | C-114 | C-115 | C-116 | C-117 | C-118 | C-119 | C-120 | C-121 | C-122 | C-123 | C-124 | C-125 | C-126 |
| C-127 | C-128 | | | | | | | | | | | | |



US Army Corps of Engineers
Louisville District


James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470584-C-101.dwg | FILE NUMBER: |

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

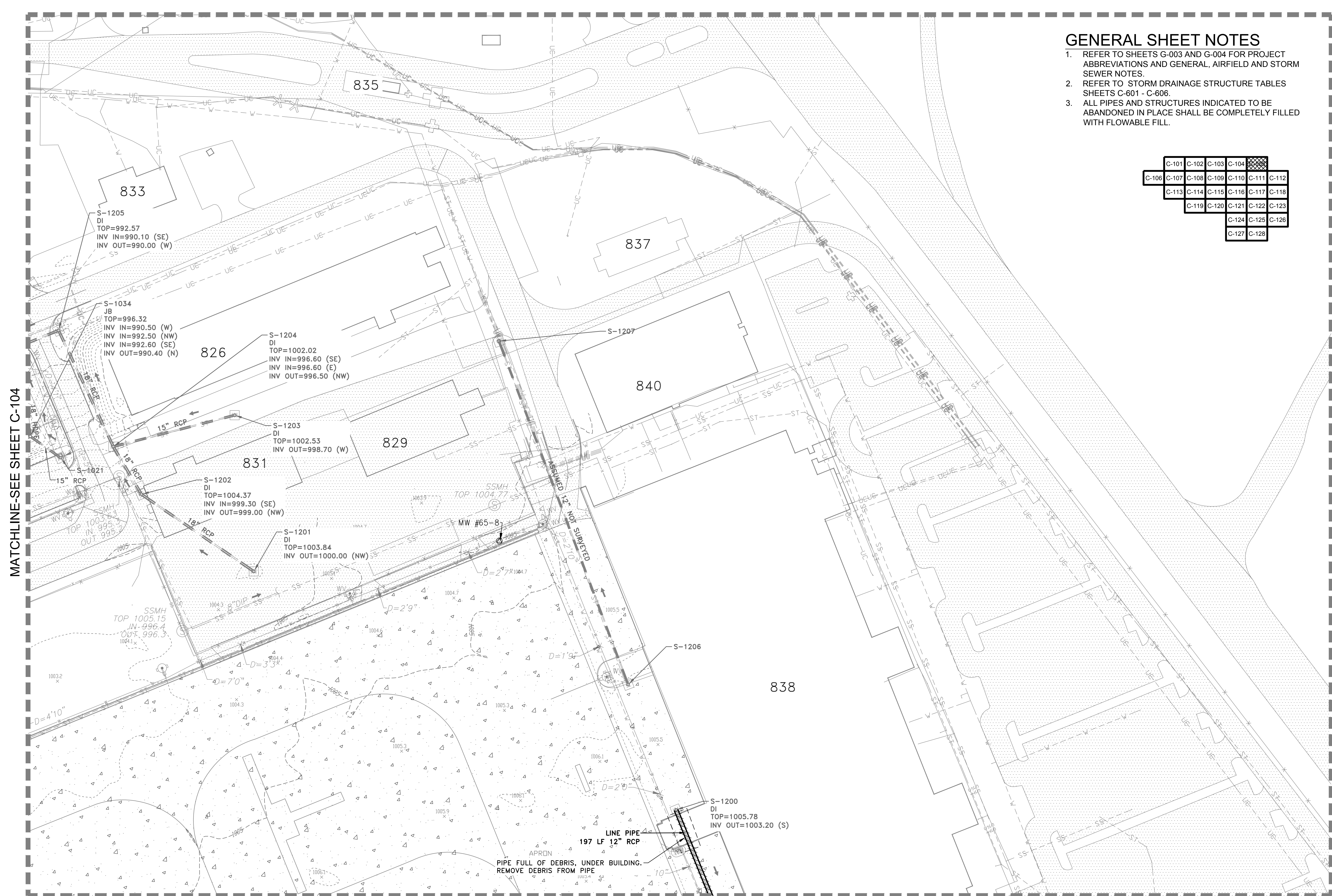


TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

STORM DRAINAGE PLAN

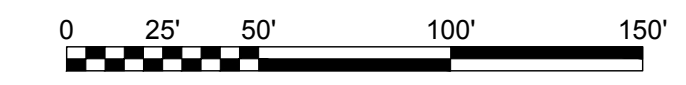
SHEET ID
C-105



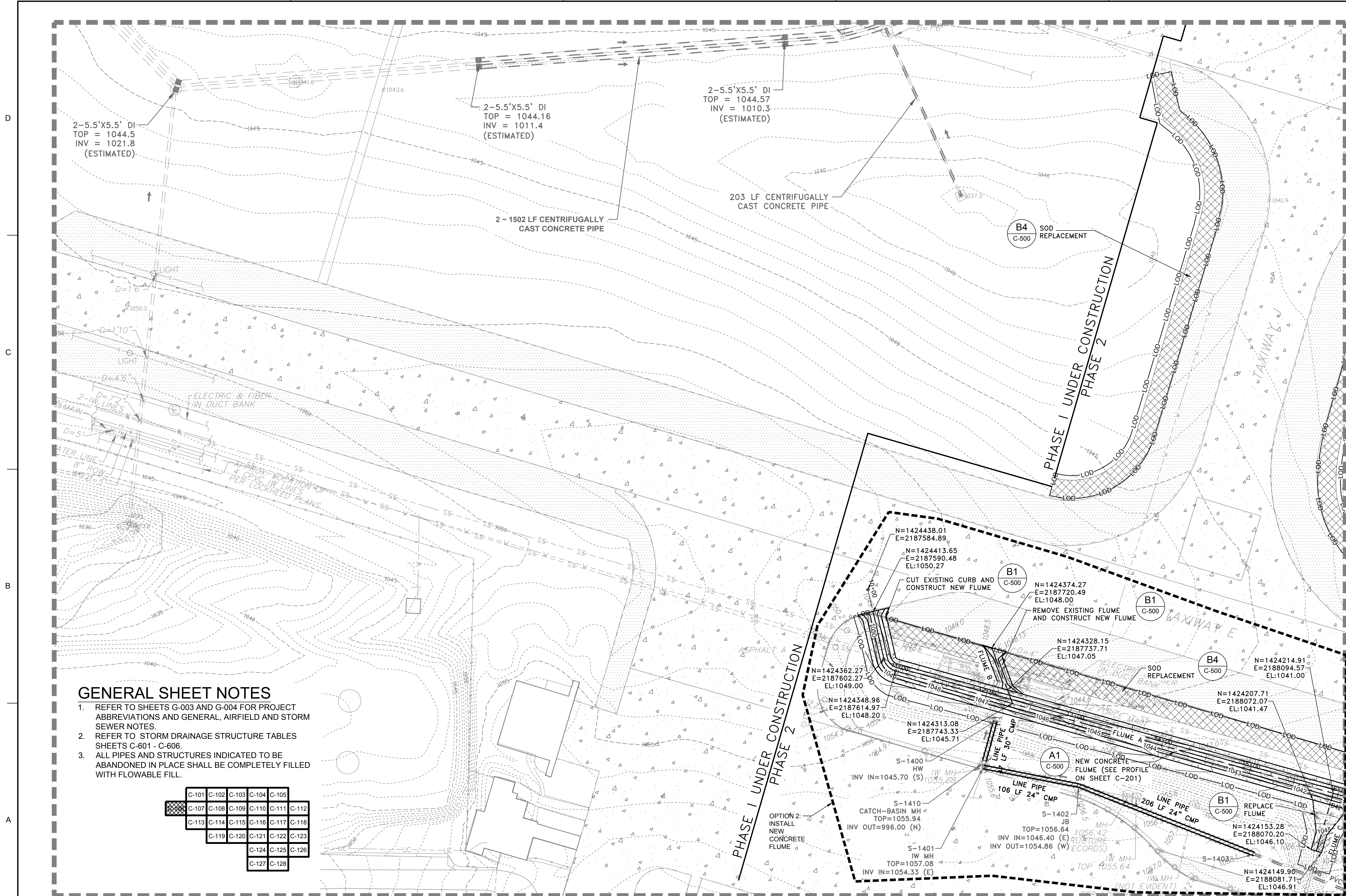
MATCHLINE-SEE SHEET C-111

STORM DRAINAGE PLAN

SCALE: 1" = 50'



FILE PATH: O:\PROJECTS\SCORLANDO\11652-1862-18007\CAD\DWG\FILES\470584-C-101_PLOTTED_05/20/2019 BY: MATTHEWS, RUSS



GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-107 | C-108 | C-109 | C-110 | C-111 |
| C-113 | C-114 | C-115 | C-116 | C-117 |
| C-119 | C-120 | C-121 | C-122 | C-123 |
| | | C-124 | C-125 | C-126 |
| | | C-127 | C-128 | |

STORM DRAINAGE PLAN

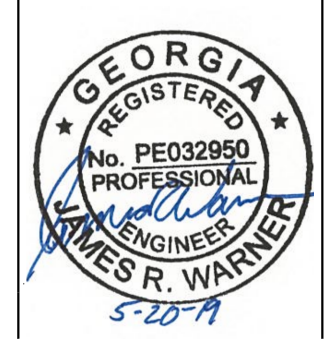
SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-107



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: ANSI.D | FILE NUMBER: |
| ANSI.D | 470564-C-101.dwg |

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

POND TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARSONS AVE.
PLANNING & DESIGN DIVISION
PHONE: 502.254.2998
WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470564

SHEET ID
C-106

MATCHLINE-SEE SHEET C-101

GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-108 | C-109 | C-110 | C-111 |
| C-113 | C-114 | C-115 | C-116 | C-117 |
| C-119 | C-120 | C-121 | C-122 | C-123 |
| C-124 | C-125 | C-126 | | |
| C-127 | C-128 | | | |

N=1424197.12
E=2188109.96
EL:1041.15

N=1424173.19
E=2188243.85
EL:1038.27

A1
C-500
NEW CONCRETE
FLUME (SEE PROFILE
ON SHEET C-201)

OPTION 2:
INSTALL
NEW
CONCRETE
FLUME

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

B4
C-500
SOD
REPLACEMENT

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

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

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)

SOD
DISTURBED
AREA
REMOVE EXISTING 296 LF PIPE AND
INSTALL 296 LF 24" RCP

SURVEY DATE: 11-24-20
PHASE I SURVEY LIMIT
BEGIN PHASE II
SURVEY DATE: 7-9-2018
REVISED DATE: 1-25-2019

APPROX LOCATION OF
T-4 FIBER OPTIC LINE
TO B27 BLDG. (DIRECT BURIED-NON METALLIC)
(NOT FIELD TRACEABLE - PER UTILITY LOCATOR)

APPROXIMATE FIBER
PER LOCKHEED PLANS
(UNABLE TO LOCATE)

FIBER OPTIC LINE

RUNWAY

MATCHLINE-SEE SHEET C-106

MATCHLINE-SEE SHEET C-108

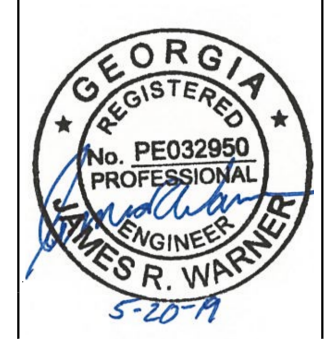
MATCHLINE-SEE SHEET C-113

STORM DRAINAGE PLAN

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470584-C-101.dwg | FILE NUMBER: |
| ANSI D: | |

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

TETRA TECH, INC.
Louisville, Kentucky 40202
www.tetra-tech.com

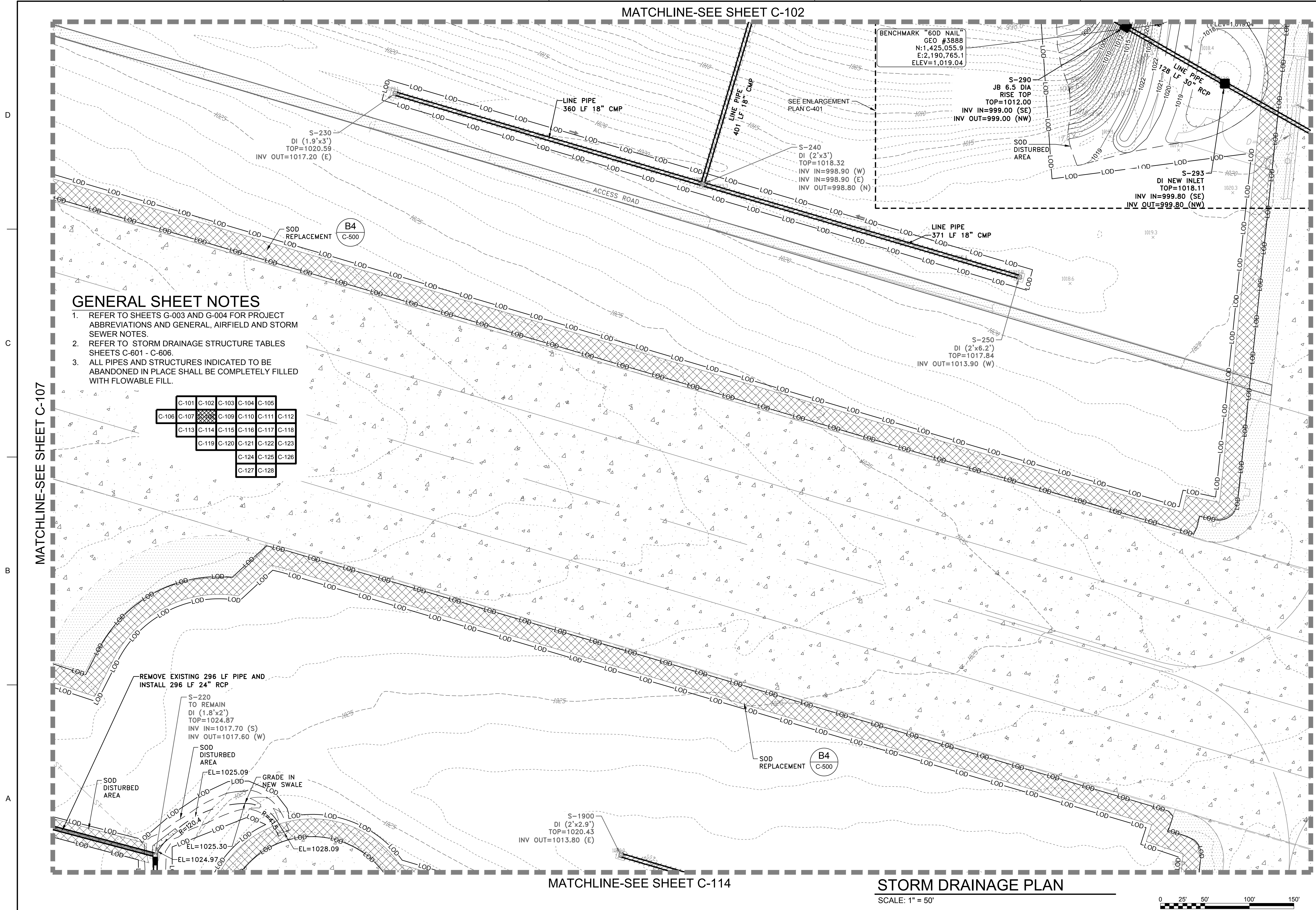
POND logo

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

STORM DRAINAGE PLAN

SHEET ID
C-107

MATCHLINE-SEE SHEET C-102



GENERAL SHEET NOTES

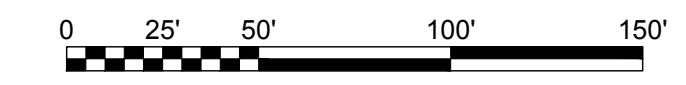
1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 | | |
| C-106 | C-107 | C-108 | C-109 | C-110 | C-111 | C-112 |
| C-113 | C-114 | C-115 | C-116 | C-117 | C-118 | |
| C-119 | C-120 | C-121 | C-122 | C-123 | | |
| C-124 | C-125 | C-126 | | | | |
| C-127 | C-128 | | | | | |

MATCHLINE-SEE SHEET C-114

STORM DRAINAGE PLAN

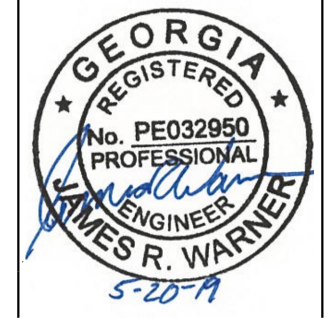
SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-109



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |

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

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 244-2008
FRENCH LICK, KY 40301

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

SHEET ID
C-108

FILE PATH: O:\PROJECTS\ORLANDO\11652200-11652-18007\CAD\SHEET FILES\470564-C-101 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSS

MATCHLINE-SEE SHEET C-103

GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-110 | C-111 |
| C-113 | C-114 | C-115 | C-116 | C-117 |
| C-119 | C-120 | C-121 | C-122 | C-123 |
| C-124 | C-125 | C-126 | | |
| C-127 | C-128 | | | |

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES R. WARNER
5-20-A

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | | | |
|---------------------------|----------------------------|----------------------------|--------------------------------|
| ISSUE DATE: 05/20/2019 | SOLICITATION NO.: | CONTRACT NO.: | FILE NUMBER: |
| DESIGNED BY: J. WARNER | CHECKED BY: B. MATTHEWS | SUBMITTED BY: S. BAILEY | FILE NAME: 470564-C-101.dwg |

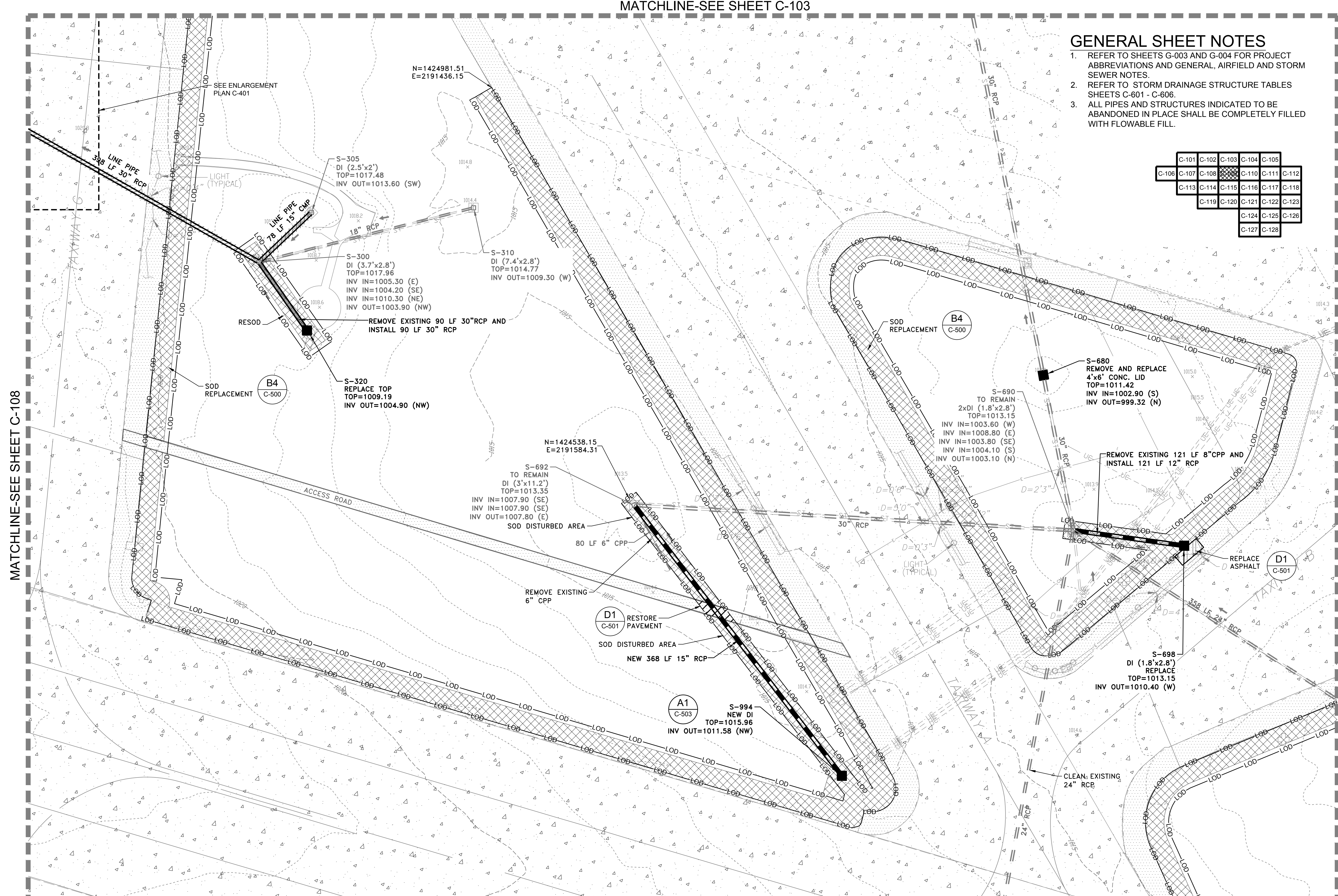
U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
400 PARSONS AVE.
PH: (502) 254-4900
F: (502) 254-1856
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

STORM DRAINAGE PLAN

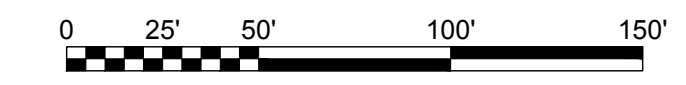
SHEET ID
C-109



MATCHLINE-SEE SHEET C-115

STORM DRAINAGE PLAN

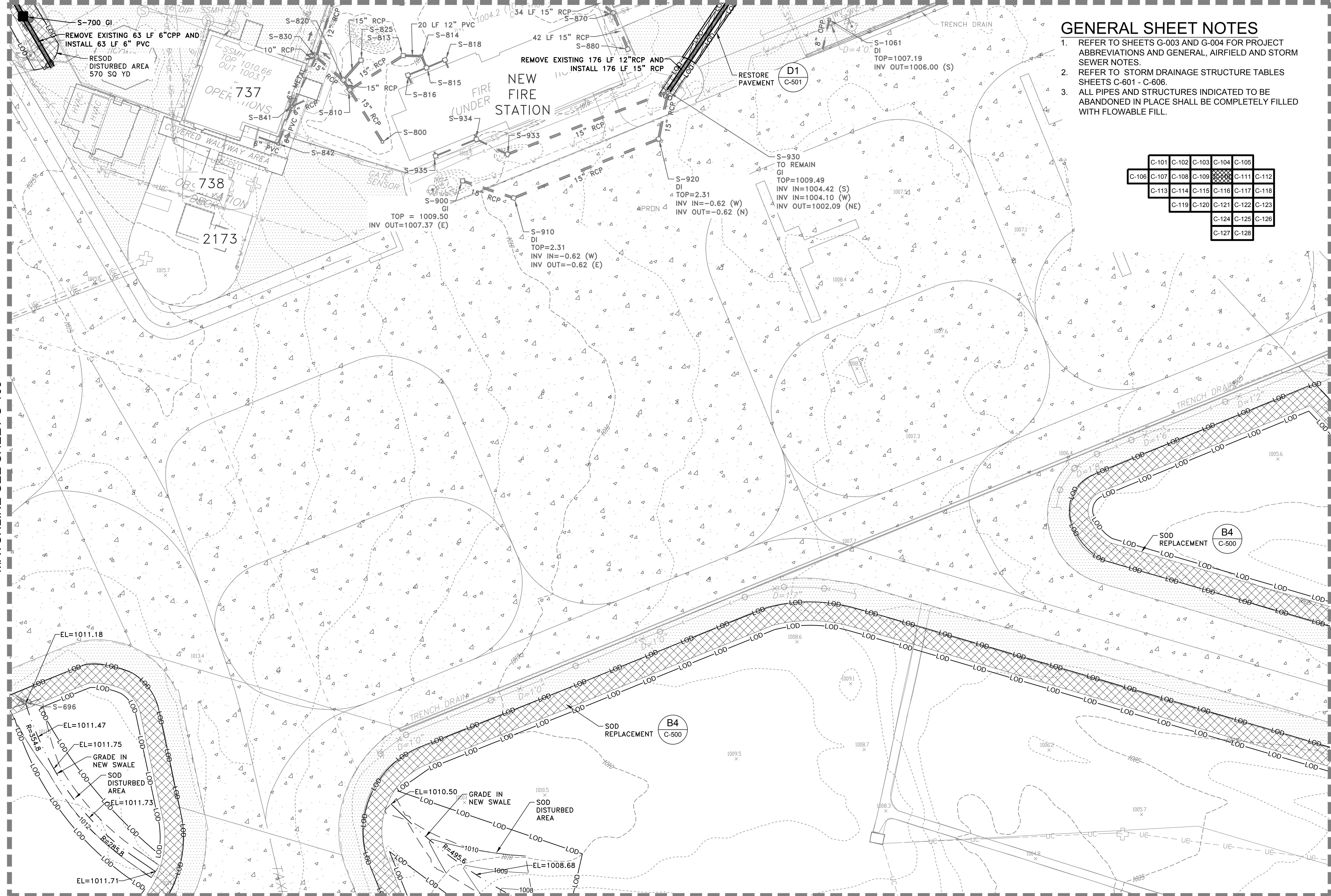
SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-108

MATCHLINE-SEE SHEET C-110

MATCHLINE-SEE SHEET C-104



GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-113 | C-114 | C-115 | C-116 | C-117 |
| C-119 | C-120 | C-121 | C-122 | C-123 |
| | | C-124 | C-125 | C-126 |
| | | C-127 | C-128 | |

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: J. WARNER
CHECKED BY: B. MATTHEWS
SUBMITTED BY: S. BAILEY
FILE NAME: 470564-C-101.dwg

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
470564-C-101.dwg

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

STORM DRAINAGE PLAN

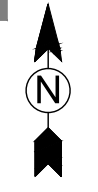
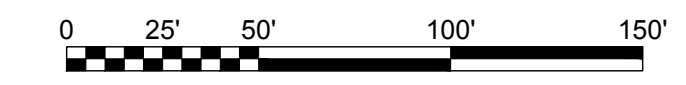
SHEET ID
C-110

FILE PATH: O:\PROJECTS\ORLANDO\11652200-11652-18007\CAD\SHETS\FILES\470564-C-101 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSG

MATCHLINE-SEE SHEET C-116

STORM DRAINAGE PLAN

SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-109

MATCHLINE-SEE SHEET C-111

D

C

B

A

1

2

4

5

MATCHLINE-SEE SHEET C-105

GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-113 | C-114 | C-115 | C-116 | C-117 |
| C-119 | C-120 | C-121 | C-122 | C-123 |
| | | C-124 | C-125 | C-126 |
| | | C-127 | C-128 | |

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES R. WARNER
5-20-19

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| APPROVED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470584-C-101.dwg | FILE NUMBER: |
| ANSI D: | |

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

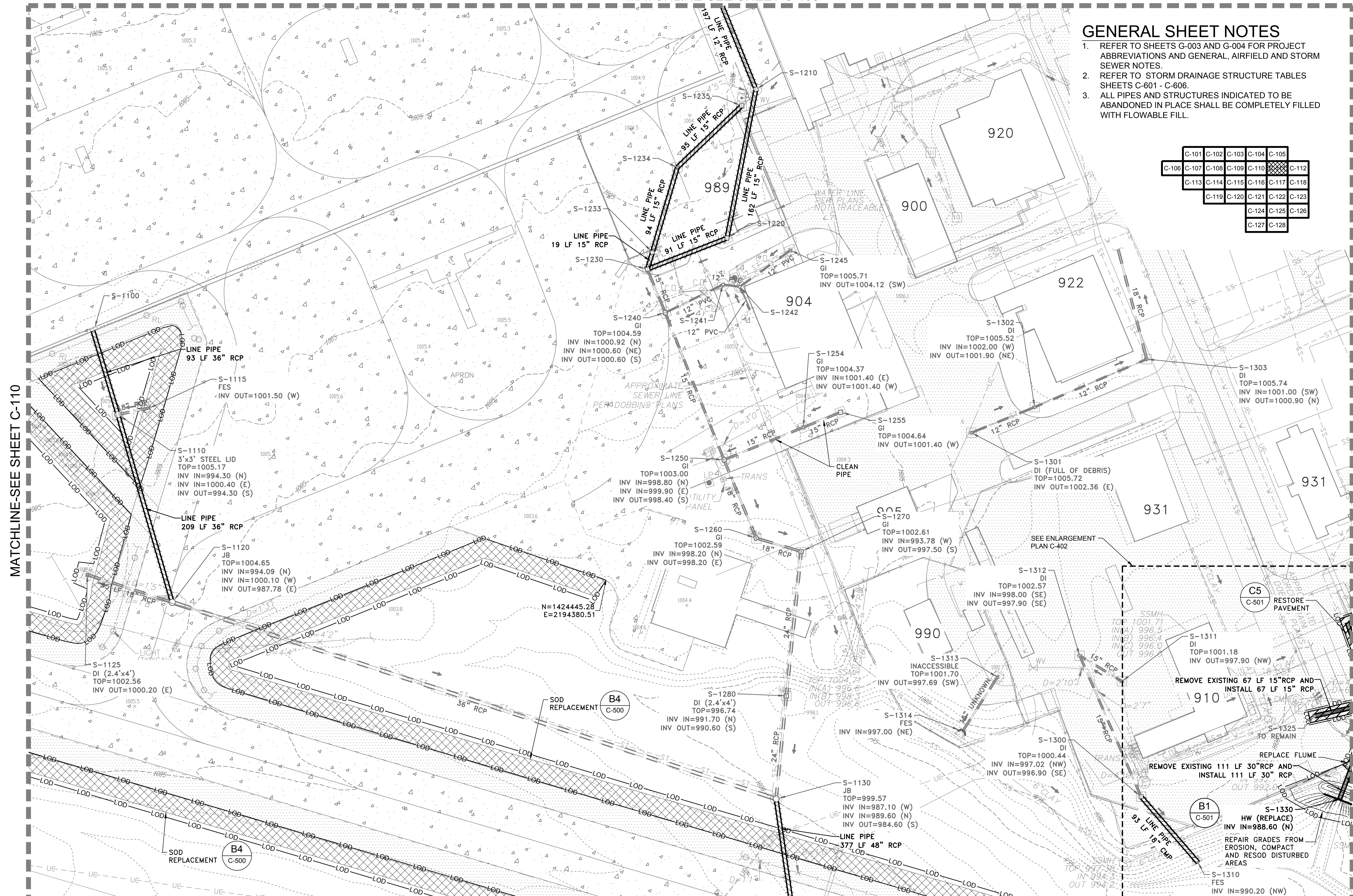
DESIGNED BY: J. WARNER
CHECKED BY: B. MATTHEWS
APPROVED BY: S. BAILEY

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
4753 WILSON ROAD
LOUISVILLE, KY 40208
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

STORM DRAINAGE PLAN

SHEET ID
C-111



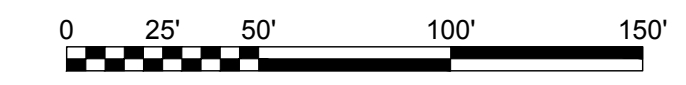
MATCHLINE-SEE SHEET C-110

MATCHLINE-SEE SHEET C-112

MATCHLINE-SEE SHEET C-117

STORM DRAINAGE PLAN

SCALE: 1" = 50'



FILE PATH: O:\PROJECTS\ORLANDO\1165220\11652-18007\CAD\SHETFILES\470584-C-101_PLOTTED_05/20/2019 BY: MATTHEWS, RUSG

GENERAL SHEET NOTES

- REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
- REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
- ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

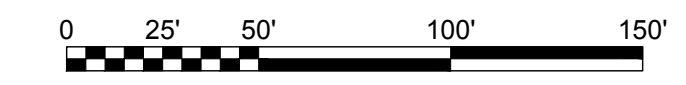
| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-113 | C-114 | C-115 | C-116 | C-117 |
| C-119 | C-120 | C-121 | C-122 | C-123 |
| | | C-124 | C-125 | C-126 |
| | | C-127 | C-128 | |

MATCHLINE-SEE SHEET C-111

MATCHLINE-SEE SHEET C-118

STORM DRAINAGE PLAN

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES R. WARNER
5-20-19

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

DESIGNED BY: J. WARNER
CHECKED BY: B. MATTHEWS
SUBMITTED BY: S. BAILEY

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: 470564-C-101.dwg
ANSID: 470564-C-101.dwg

POND TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARKWAY, SUITE 300
FLORENCE, KY 40302
PH: (502) 248-4000
WWW.TETRA-TECH.COM

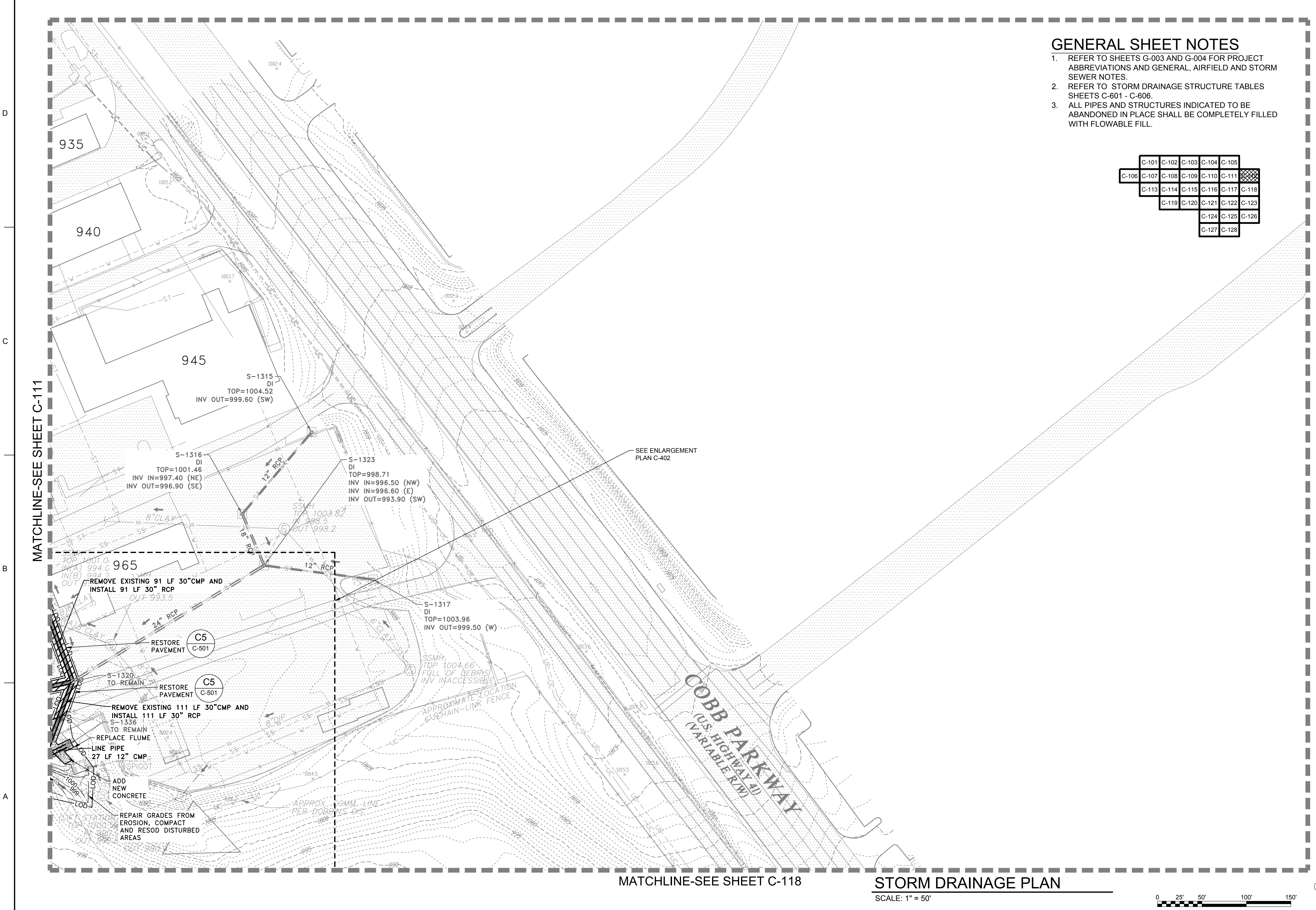
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

STORM DRAINAGE PLAN

SHEET ID
C-112

FILE PATH: O:\PROJECTS\SCORLANDOIER11652\201-11652-18007\CAD\SHEET FILES\470564-C-101_PLOTTED_05/20/2019 BY: MATTHEWS, RUSS



MATCHLINE-SEE SHEET C-107

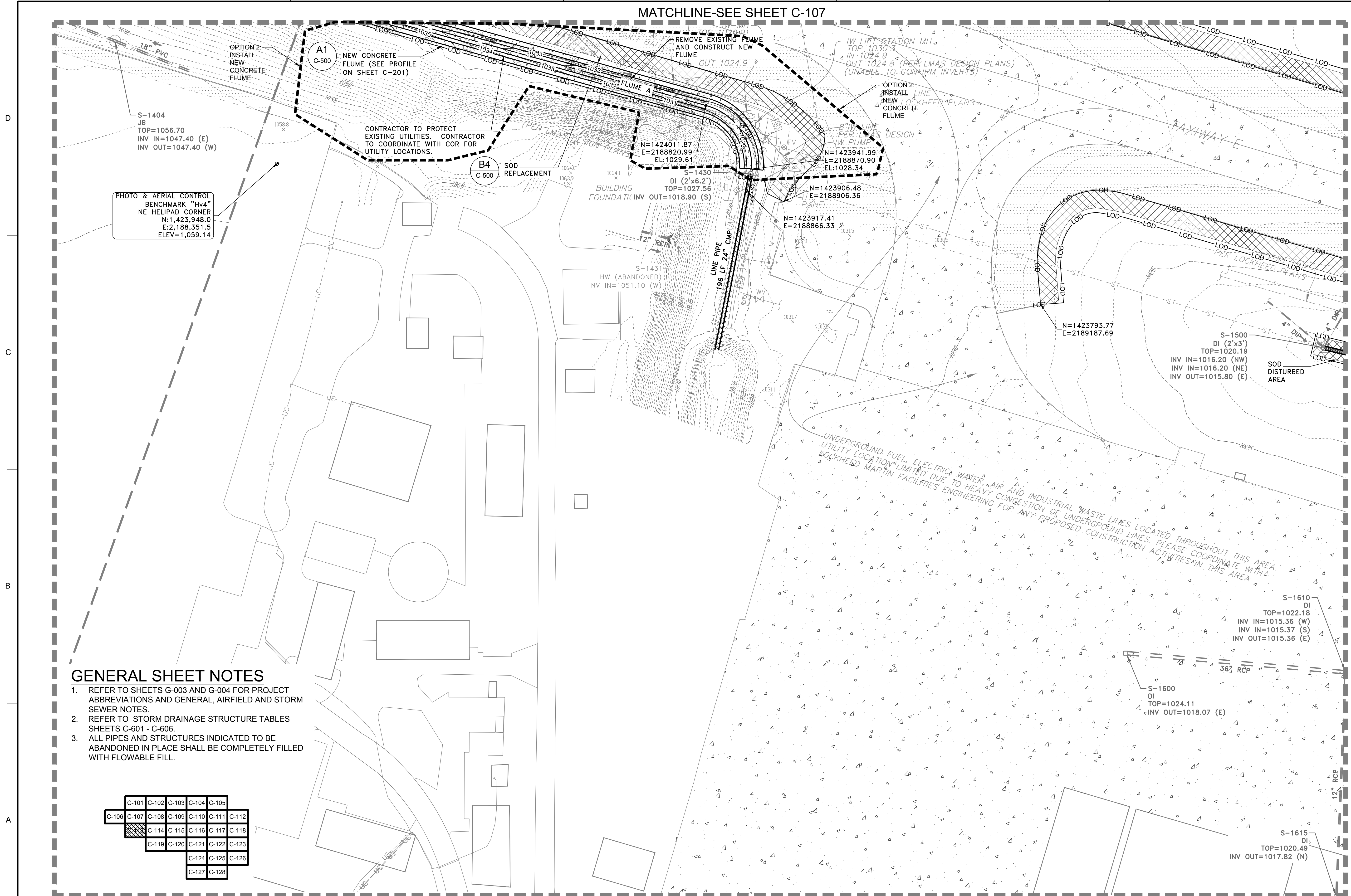


PHOTO & AERIAL CONTROL BENCHMARK "Hv4" NE HELIPAD CORNER
 N:1,423,948.0
 E:2,188,351.5
 ELEV=1,059.14

GENERAL SHEET NOTES

- REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
- REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
- ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |

STORM DRAINAGE PLAN

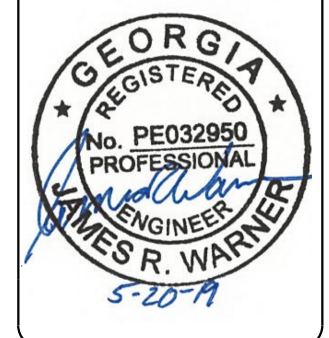
SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-114



US Army Corps of Engineers
 Louisville District



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|-----------------------------|------------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: 40210-0059 |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |
| ANSI D: 470564-C-101.dwg | |

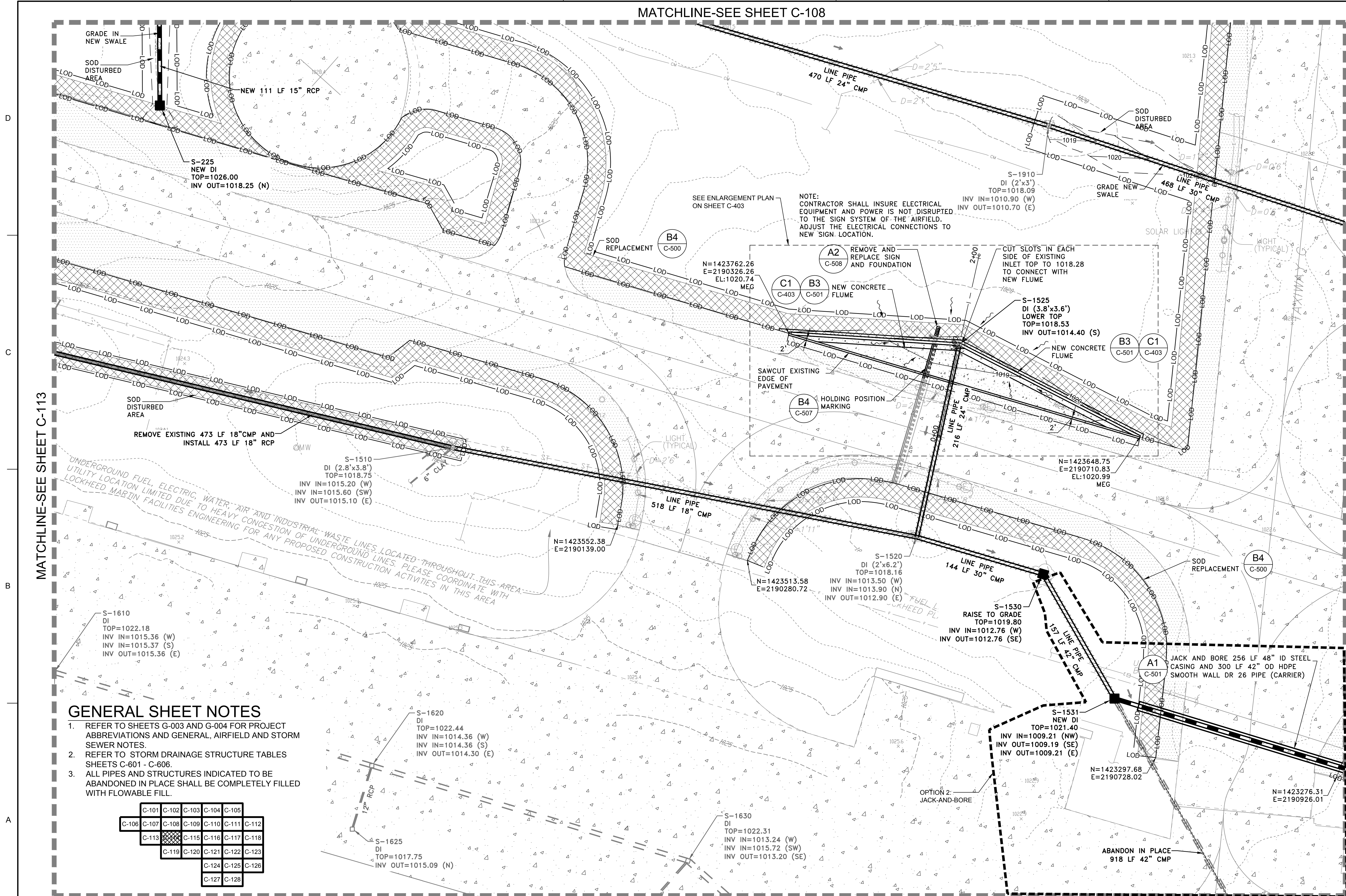
U.S. ARMY CORPS OF ENGINEERS
 LOUISVILLE DISTRICT
 LOUISVILLE, KENTUCKY 40210-0059

TETRA TECH, INC.
 5800 PARSONS AVE
 LOUISVILLE, KENTUCKY 40202
 TEL: 502-254-4900
 WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470564

SHEET ID
C-113

MATCHLINE-SEE SHEET C-108



GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |

MATCHLINE-SEE SHEET C-119

STORM DRAINAGE PLAN

SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-115

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
No. PE032950
JAMES R. WARNER
5-20-19

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | | | |
|------------------------|-----------------------|-----------------------------|--------------|
| ISSUE DATE: 05/20/2019 | SOLICITATION NO.: | CONTRACT NO.: | FILE NUMBER: |
| DESIGNED BY: J. WARNER | CHECKED BY: S. BAILEY | FILE NAME: 470564-C-101.dwg | ANSID: |
| DRAWN BY: B. MATTHEWS | DATE: 05/20/2019 | | |

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

DESIGNED BY: J. WARNER
CHECKED BY: S. BAILEY
DATE: 05/20/2019

TETRA TECH, INC.
Louisville, Kentucky 40202
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

STORM DRAINAGE PLAN

SHEET ID
C-114

FILE PATH: O:\PROJECTS\ORLANDO\11652200-11652-18007\CAD\SHR\FILES\470564-C-101_PLOTTED_05/20/2019 BY: MATTHEWS, RUSSELL

MATCHLINE-SEE SHEET C-109

GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |

MATCHLINE-SEE SHEET C-114

MATCHLINE-SEE SHEET C-116

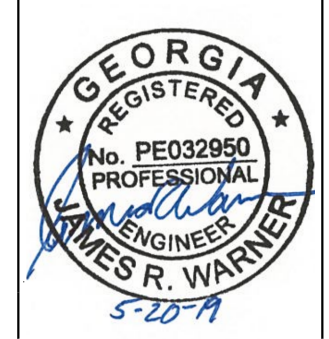
MATCHLINE-SEE SHEET C-120

STORM DRAINAGE PLAN

SCALE: 1" = 50'



James R. Warner, P.E.
P.E. No. 032950, GA



| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |

| | |
|---------------|---------------------------------|
| ISSUE DATE: | 05/20/2019 |
| DESIGNED BY: | J. WARNER |
| CHECKED BY: | B. MATTHEWS |
| CONTRACT NO.: | LOUISVILLE, KENTUCKY 40210-0059 |
| FILE NUMBER: | 470584-C-101.dwg |
| FILE NAME: | 470584-C-101.dwg |

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

DESIGNED BY: J. WARNER
CHECKED BY: B. MATTHEWS
SUBMITTED BY: S. BAILEY
FILE NAME: 470584-C-101.dwg

TETRA TECH, INC.
Louisville, Kentucky 40202
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

STORM DRAINAGE PLAN

SHEET ID
C-115

FILE PATH: O:\PROJECTS\ORLANDO\11652\2019\11652-18007\CAD\SHETS\470584-C-101_PLOTTED_05/20/2019 BY: MATTHEWS, RUSS

MATCHLINE-SEE SHEET C-110

GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 | | |
| C-106 | C-107 | C-108 | C-109 | C-110 | C-111 | C-112 |
| C-113 | C-114 | C-115 | C-116 | C-117 | C-118 | |
| C-119 | C-120 | C-121 | C-122 | C-123 | | |
| C-124 | C-125 | C-126 | | | | |
| C-127 | C-128 | | | | | |

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: J. WARNER
CHECKED BY: B. MATTHEWS
SUBMITTED BY: S. BAILEY
ES&S

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: 470564-C-101.dwg
ANSI:

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

STORM DRAINAGE PLAN

SHEET ID
C-116

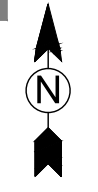
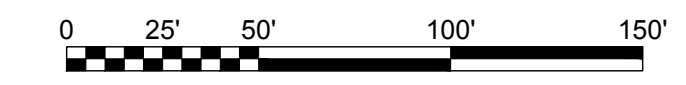
MATCHLINE-SEE SHEET C-115

MATCHLINE-SEE SHEET C-117

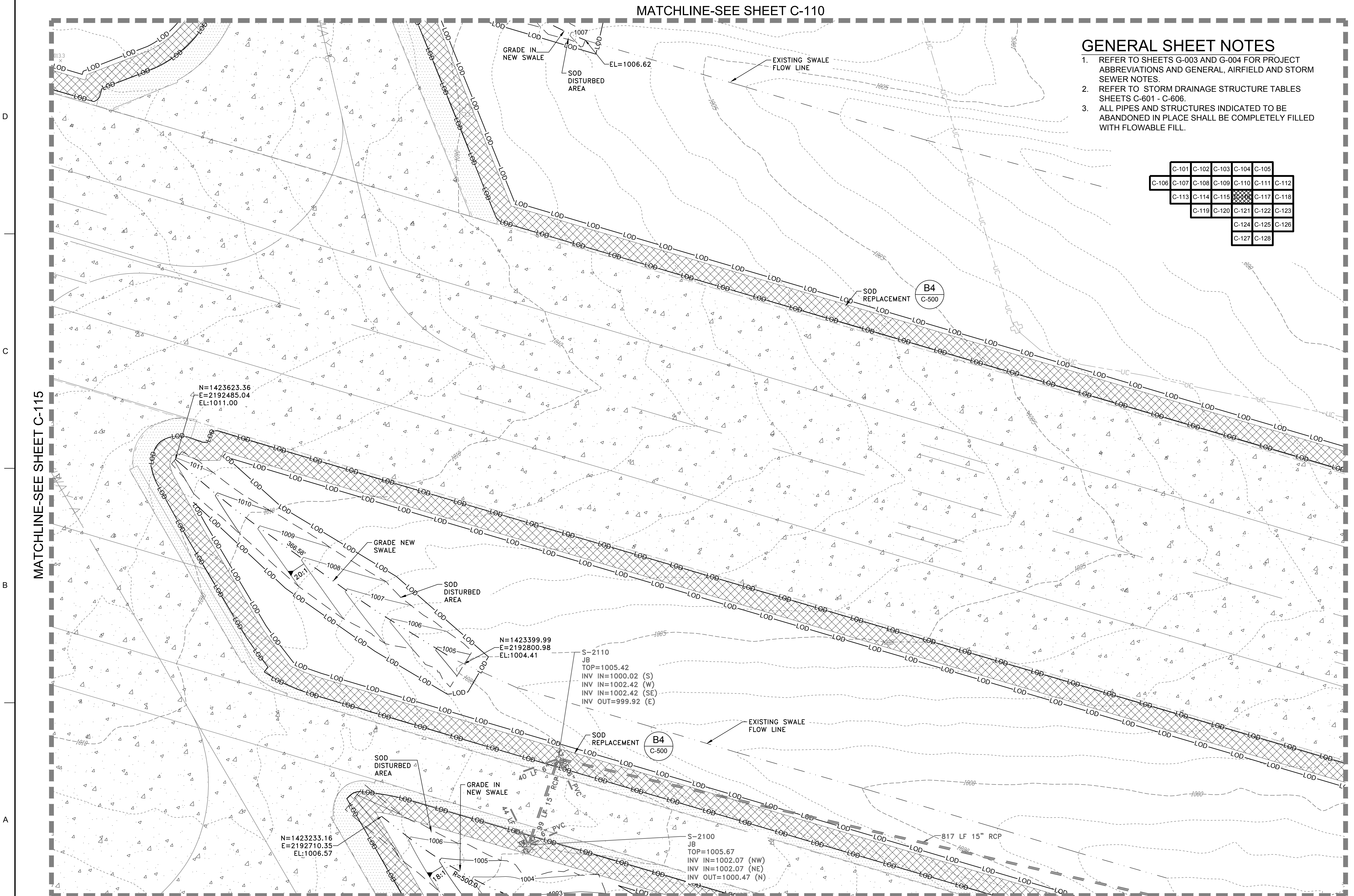
MATCHLINE-SEE SHEET C-121

STORM DRAINAGE PLAN

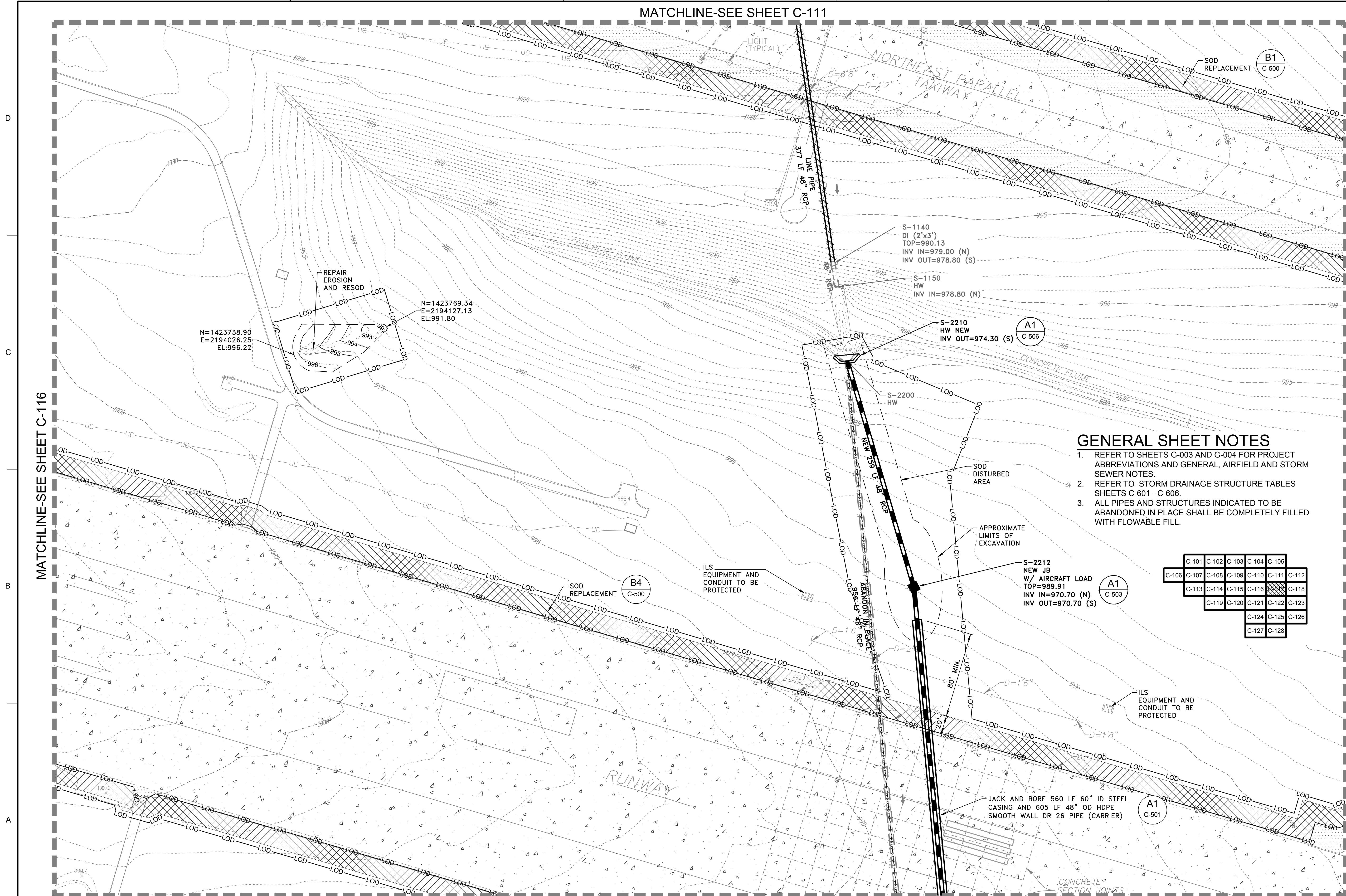
SCALE: 1" = 50'



FILE PATH: O:\PROJECTS\SCORLANDO\11652200-11652-18007\CAD\SHETFILES\470564-C-101 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSS



MATCHLINE-SEE SHEET C-111



GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 | | |
| C-106 | C-107 | C-108 | C-109 | C-110 | C-111 | C-112 |
| C-113 | C-114 | C-115 | C-116 | C-117 | C-118 | C-119 |
| C-120 | C-121 | C-122 | C-123 | C-124 | C-125 | C-126 |
| C-127 | C-128 | | | | | |



STORM DRAINAGE PLAN

SCALE: 1" = 50'

MATCHLINE-SEE SHEET C-122

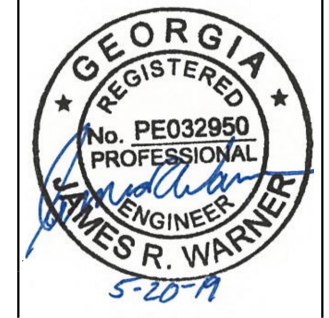
MATCHLINE-SEE SHEET C-116

MATCHLINE-SEE SHEET C-118

FILE PATH: O:\PROJECTS\ORLANDO\OR11652200-11652-18007\CAD\SHEET FILES\470564-C-101 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSS



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/02/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |
| ANSI D: | ANSI D: |

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

POND
 TETRA TECH, INC.
 LOUISVILLE, KENTUCKY 40202
 P.O. BOX 244-0008
 FREDERICKSBURG, VA 22405

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470564

SHEET ID
C-117

MATCHLINE-SEE SHEET C-112

GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |

US Army Corps of Engineers
Louisville District
James R. Warner, P.E.
P.E. No. 032950, GA

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: S. BAILEY | SOLICITATION NO.: |
| SUBMITTED BY: ESA | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |
| ANSI D | |

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

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4000
FAX: (502) 254-4008
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

STORM DRAINAGE PLAN

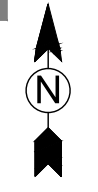
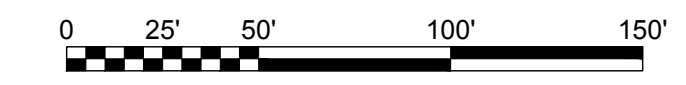
SHEET ID
C-118

MATCHLINE-SEE SHEET C-117

MATCHLINE-SEE SHEET C-123

STORM DRAINAGE PLAN

SCALE: 1" = 50'



FILE PATH: O:\PROJECTS\ORLANDO\OR11652200-11652-18007\CAD\SHEET FILES\470564-C-101 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSS

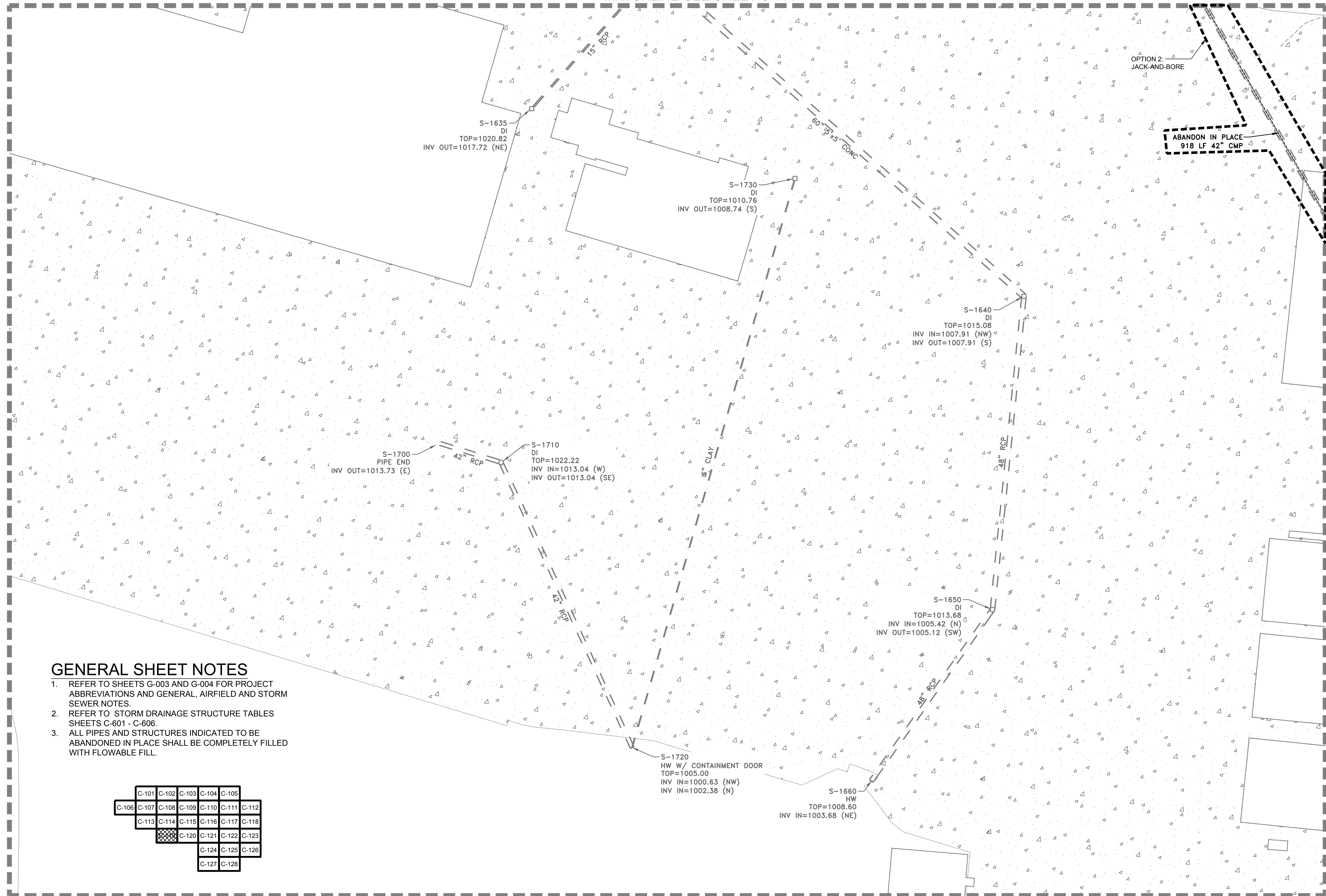
MATCHLINE-SEE SHEET C-114

D

C

B

A



MATCHLINE-SEE SHEET C-120

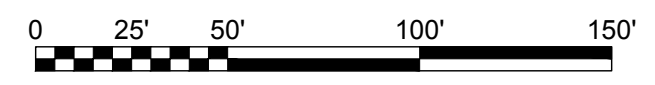
GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

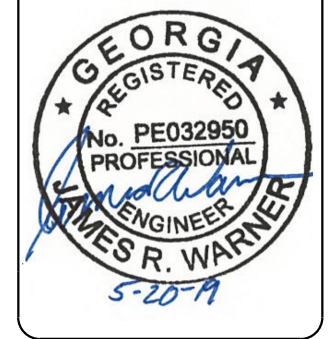
| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 | | |
| C-106 | C-107 | C-108 | C-109 | C-110 | C-111 | C-112 |
| C-113 | C-114 | C-115 | C-116 | C-117 | C-118 | |
| | C-120 | C-121 | C-122 | C-123 | | |
| | C-124 | C-125 | C-126 | | | |
| | C-127 | C-128 | | | | |

STORM DRAINAGE PLAN

SCALE: 1" = 50'



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |
| ANSID: | |

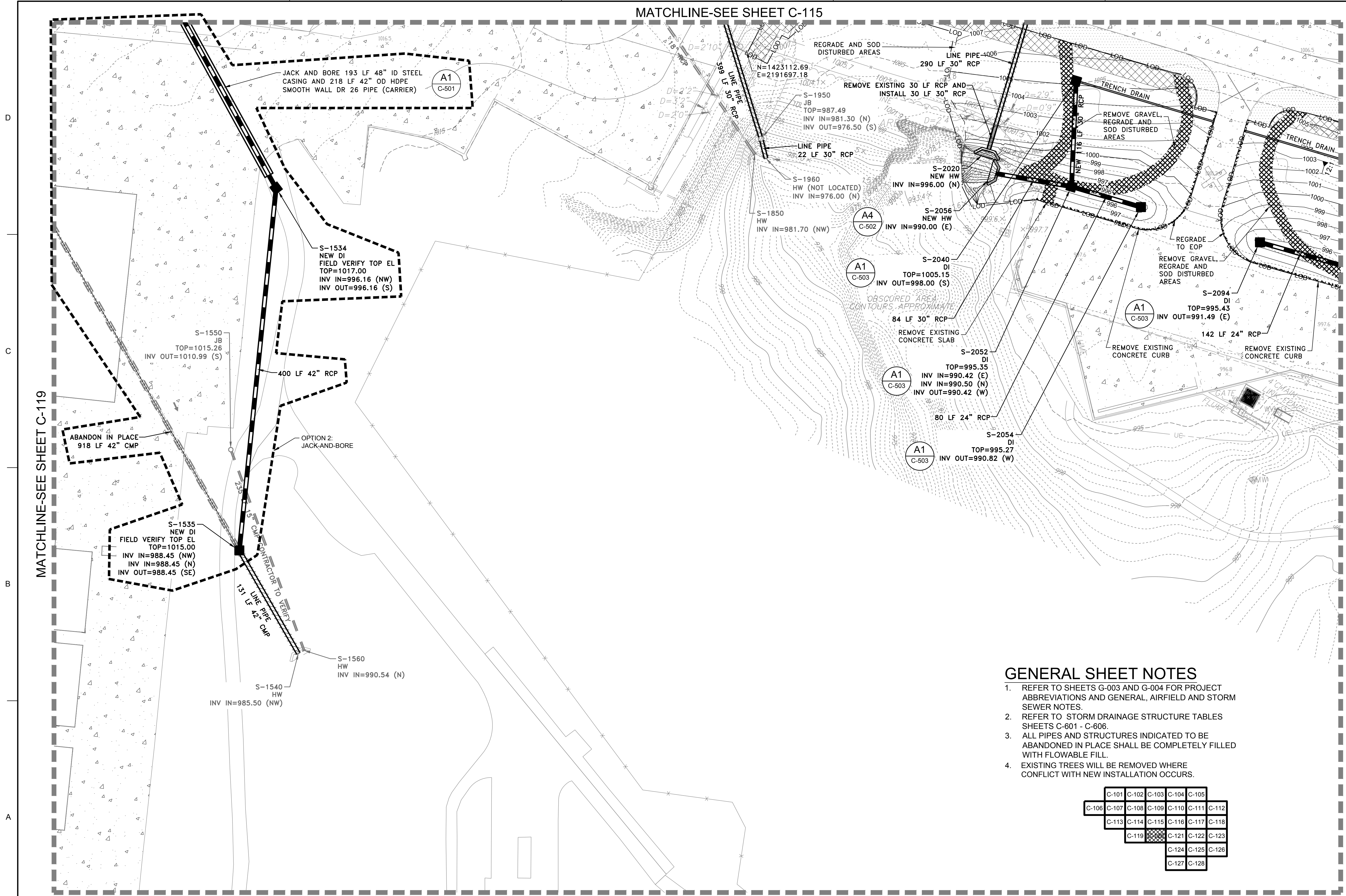
U.S. ARMY CORPS OF ENGINEERS
 LOUISVILLE DISTRICT
 LOUISVILLE, KENTUCKY 40210-0059

POND
 TETRA TECH, INC.
 5800 PARSONS LANE
 LOUISVILLE, KENTUCKY 40002
 PH: (502) 254-4900
 FAX: (502) 254-4906
 WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470564
STORM DRAINAGE PLAN

SHEET ID
C-119

MATCHLINE-SEE SHEET C-115



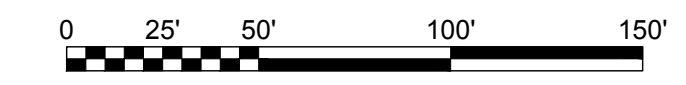
GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.
4. EXISTING TREES WILL BE REMOVED WHERE CONFLICT WITH NEW INSTALLATION OCCURS.

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 | | |
| C-106 | C-107 | C-108 | C-109 | C-110 | C-111 | C-112 |
| C-113 | C-114 | C-115 | C-116 | C-117 | C-118 | |
| C-119 | | C-121 | C-122 | C-123 | | |
| | | C-124 | C-125 | C-126 | | |
| | | C-127 | C-128 | | | |

STORM DRAINAGE PLAN

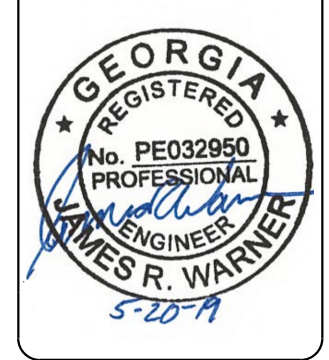
SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-121



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|----------------------------|----------------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: ANSI.DWG | FILE NUMBER: 470584-C-101.dwg |

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

POND
TETRA TECH, INC.
5800 PARSONS AVE.
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4200
FAX: (502) 254-1256
WWW.TETRA-TECH.COM

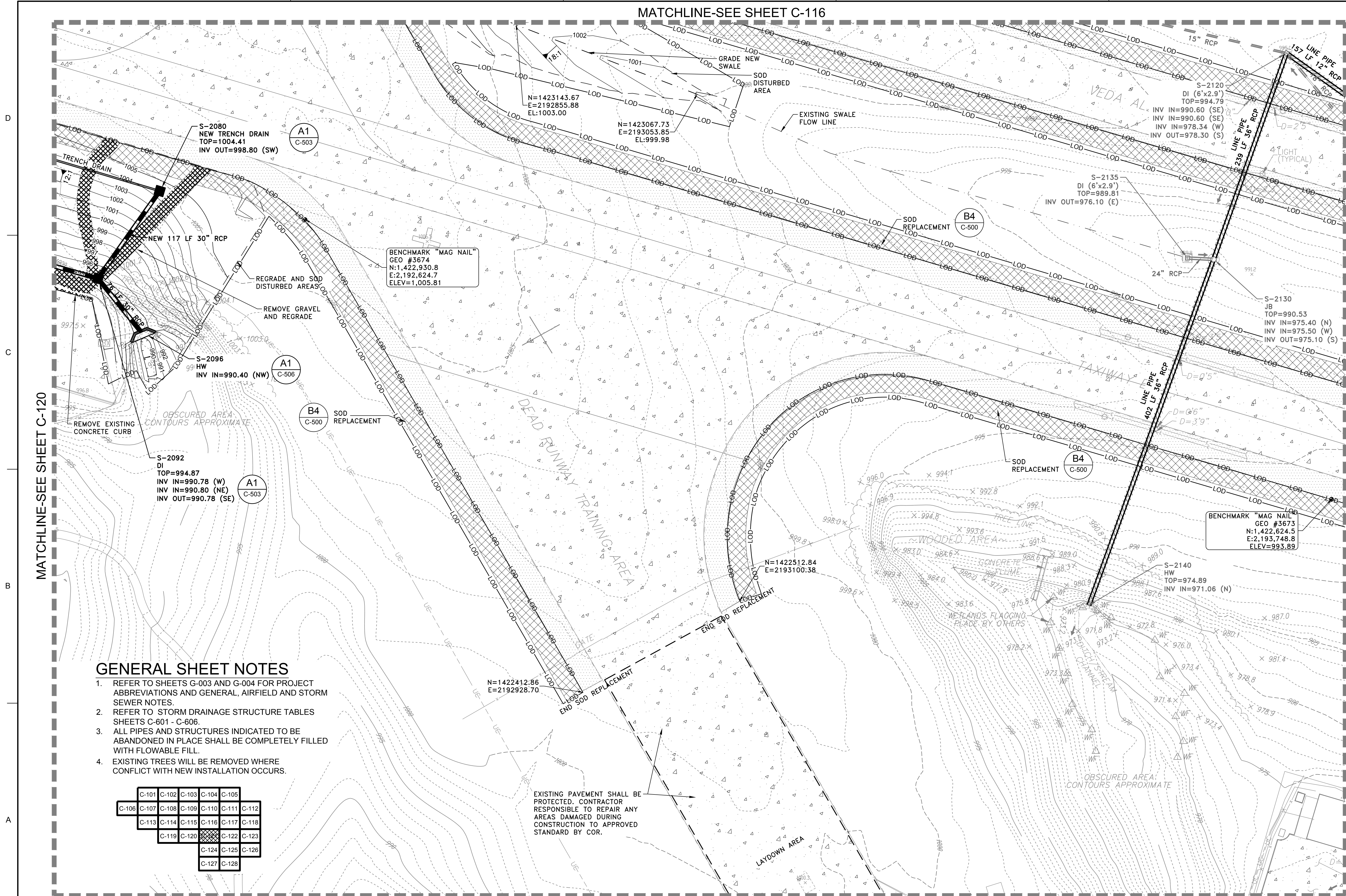
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

STORM DRAINAGE PLAN

SHEET ID
C-120

FILE PATH: O:\PROJECTS\ORLANDO\IER11652\200-11652-18007\CAD\SHEET FILES\470584-C-101_PLOTTED_05/02/2019 BY: MATTHEWS, RUSS

MATCHLINE-SEE SHEET C-116



GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.
4. EXISTING TREES WILL BE REMOVED WHERE CONFLICT WITH NEW INSTALLATION OCCURS.

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 | | |
| C-106 | C-107 | C-108 | C-109 | C-110 | C-111 | C-112 |
| C-113 | C-114 | C-115 | C-116 | C-117 | C-118 | |
| C-119 | C-120 | C-121 | C-122 | C-123 | | |
| C-124 | C-125 | C-126 | | | | |
| C-127 | C-128 | | | | | |

EXISTING PAVEMENT SHALL BE PROTECTED. CONTRACTOR RESPONSIBLE TO REPAIR ANY AREAS DAMAGED DURING CONSTRUCTION TO APPROVED STANDARD BY COR.

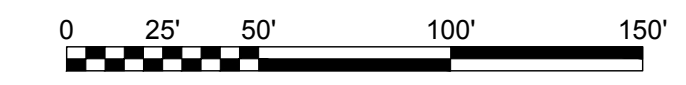
MATCHLINE-SEE SHEET C-120

MATCHLINE-SEE SHEET C-122

MATCHLINE-SEE SHEET C-124

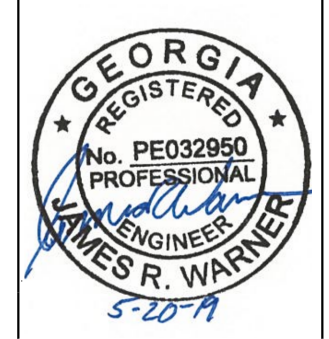
STORM DRAINAGE PLAN

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA



| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |
| | | |

| | |
|-------------------------|-----------------------------|
| ISSUE DATE: 05/20/2019 | SOLICITATION NO.: |
| DESIGNED BY: J. WARNER | CONTRACT NO.: |
| CHECKED BY: B. MATTHEWS | FILE NUMBER: |
| SUBMITTED BY: S. BAILEY | FILE NAME: 470564-C-101.dwg |
| ES: SA | ANSI: 470564-C-101.dwg |

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

POND
TETRA TECH, INC.
Louisville, Kentucky 40202
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

STORM DRAINAGE PLAN

SHEET ID
C-121

MATCHLINE-SEE SHEET C-117

GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-113 | C-114 | C-115 | C-116 | C-117 |
| C-119 | C-120 | C-121 | C-122 | C-123 |
| C-124 | C-125 | C-126 | | |
| C-127 | C-128 | | | |

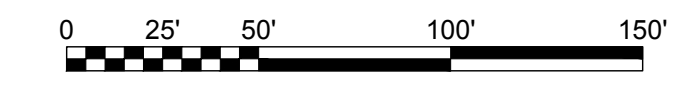
MATCHLINE-SEE SHEET C-121

MATCHLINE-SEE SHEET C-123

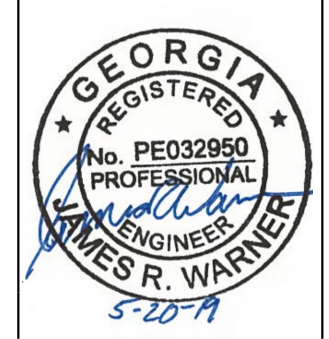
MATCHLINE-SEE SHEET C-125

STORM DRAINAGE PLAN

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |
| SIZE: | ANSI: |

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

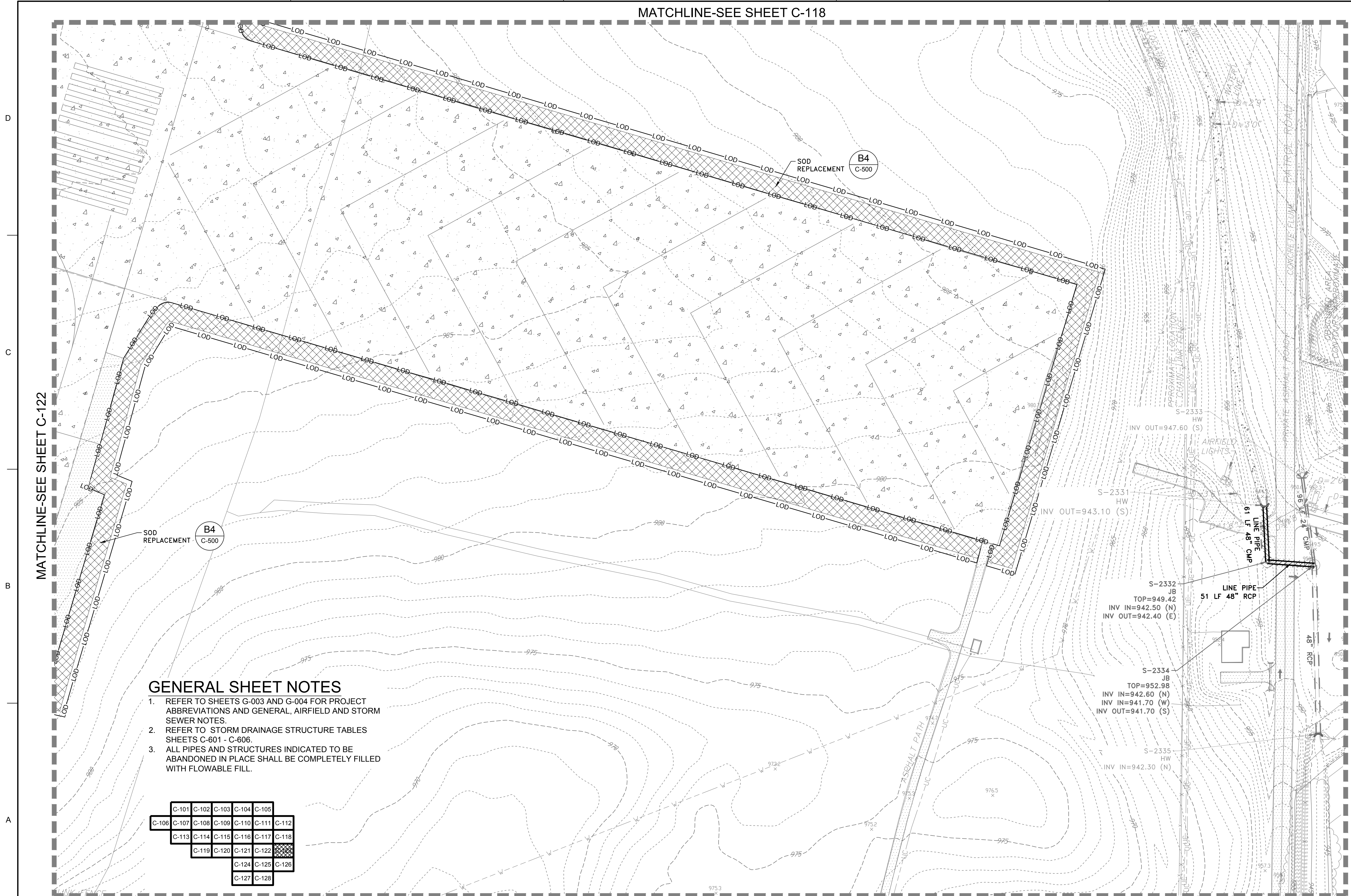
POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4000
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

SHEET ID
C-122

FILE PATH: O:\PROJECTS\SCORLANDOIER11652200-11652-18007\CAD\SHEETFILES\470564-C-101 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSSELL

MATCHLINE-SEE SHEET C-118



GENERAL SHEET NOTES

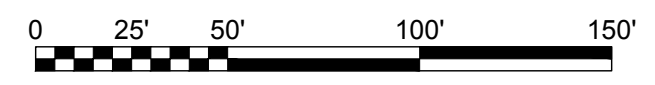
1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |

MATCHLINE-SEE SHEET C-126

STORM DRAINAGE PLAN

SCALE: 1" = 50'



FILE PATH: O:\PROJECTS\GORDON\11652\201-11652-1\B007\CAD\DWG\FILES\470584-C-101_PLOTTED_05/02/2019 BY: MATTHEWS, RUSS

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470584-C-101.dwg | FILE NUMBER: |
| ANSI D: | |

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

LOUISVILLE, KENTUCKY 40210-0059

POND

TETRA TECH, INC.
Louisville, Kentucky 40202
P.O. Box 244-2008
Phone: 502-254-2008
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

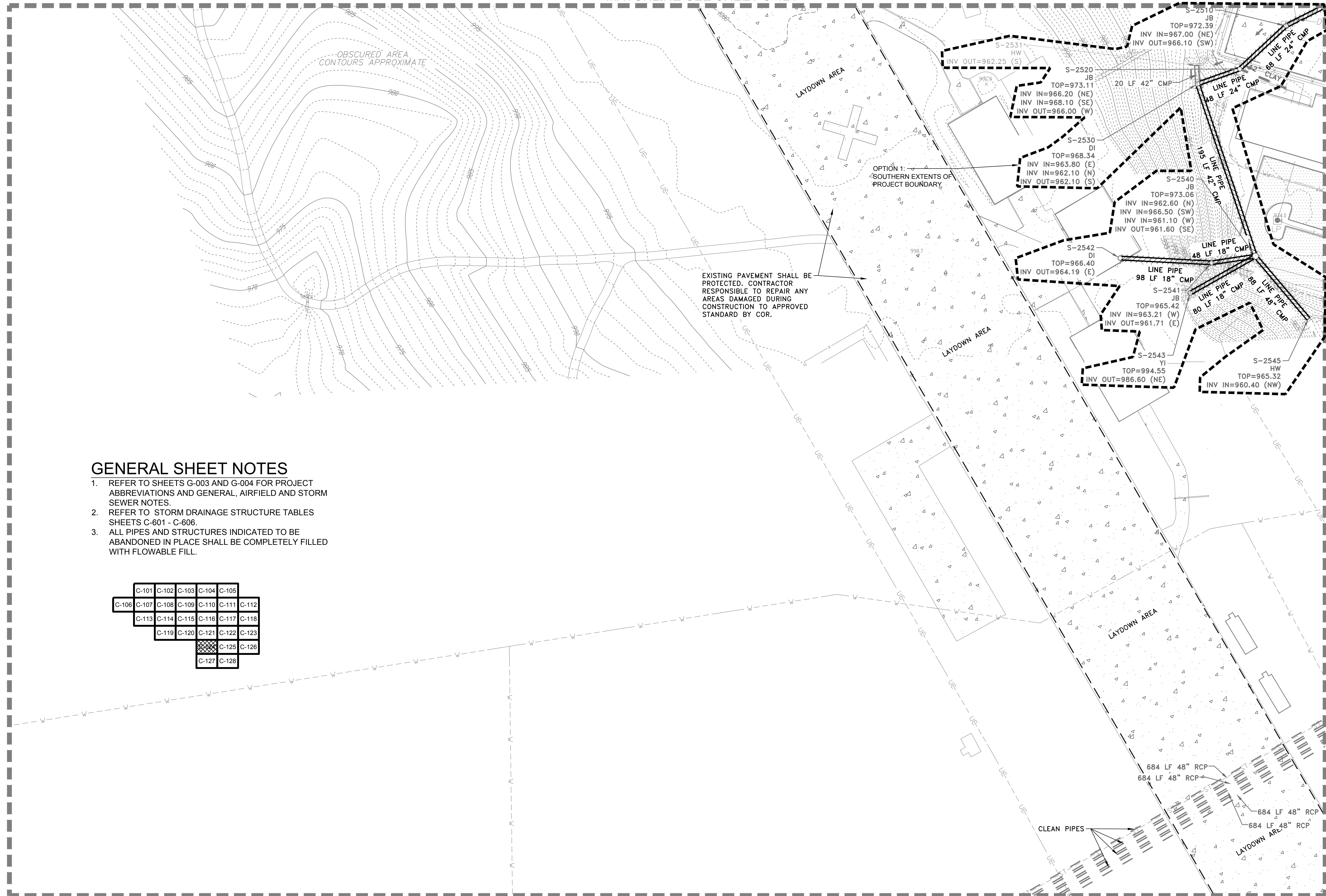
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

STORM DRAINAGE PLAN

SHEET ID

C-123

MATCHLINE-SEE SHEET C-121



GENERAL SHEET NOTES

- REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
- REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
- ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |

EXISTING PAVEMENT SHALL BE PROTECTED. CONTRACTOR RESPONSIBLE TO REPAIR ANY AREAS DAMAGED DURING CONSTRUCTION TO APPROVED STANDARD BY COR.

OPTION 1:
SOUTHERN EXTENTS OF PROJECT BOUNDARY

OBSCURED AREA
CONTOURS APPROXIMATE

LAYDOWN AREA

LAYDOWN AREA

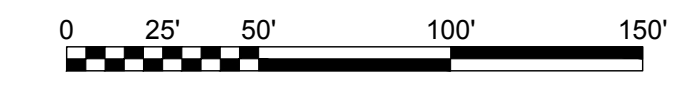
LAYDOWN AREA

CLEAN PIPES

MATCHLINE-SEE SHEET C-127

STORM DRAINAGE PLAN

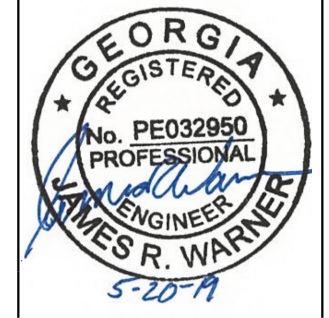
SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-125



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |

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

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARSONS WAY, SUITE 200
PHONE: 502-254-4200
WWW.TETRA-TECH.COM

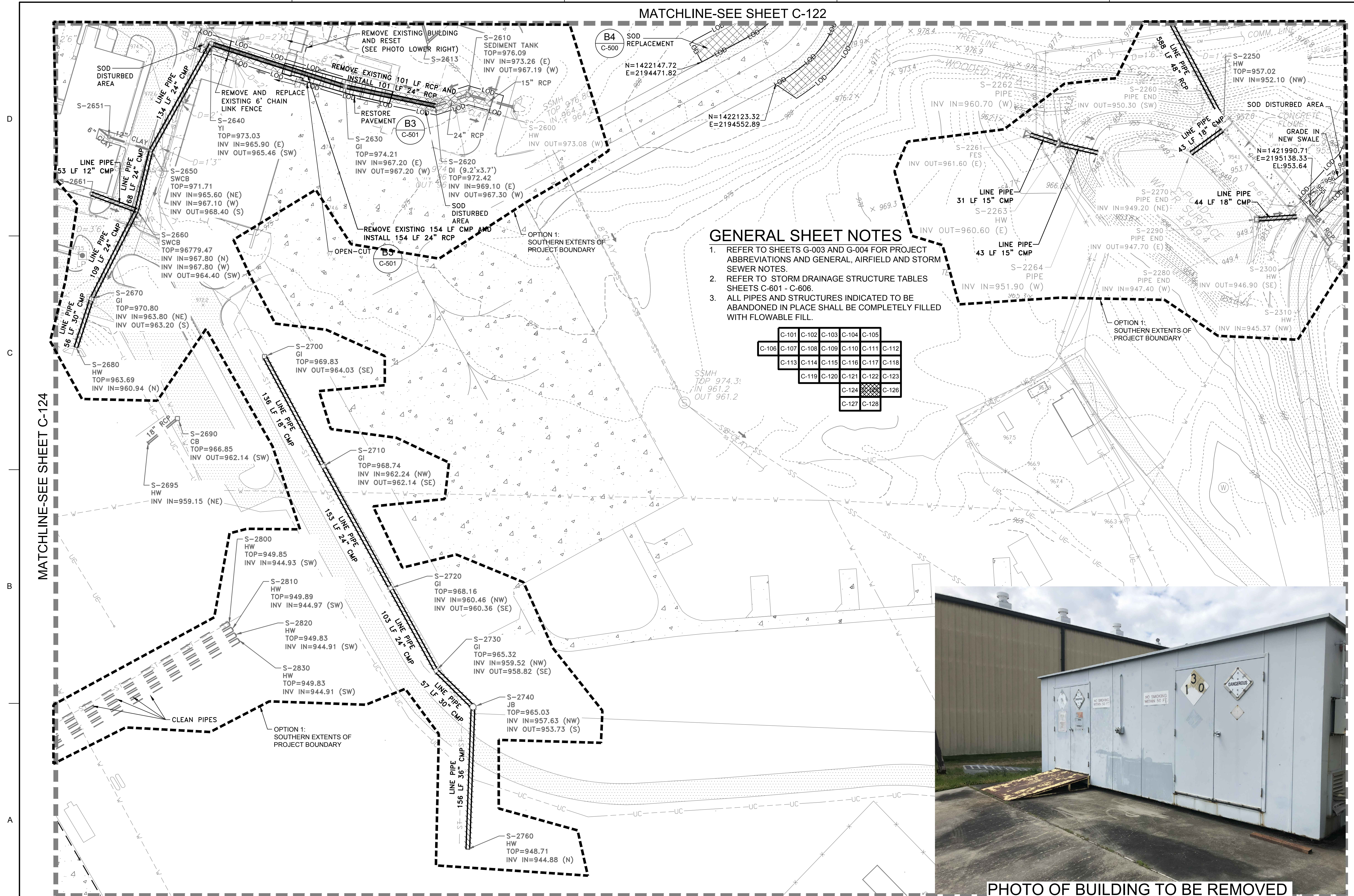
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

STORM DRAINAGE PLAN

SHEET ID
C-124

FILE PATH: O:\PROJECTS\SCORLANDO\ENR11652\200-11652-18007\CAD\SHSHEETFILES\470564-C-101_PLOTTED_05/02/2019 BY: MATTHEWS_RUSS

MATCHLINE-SEE SHEET C-122



GENERAL SHEET NOTES

- REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
- REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
- ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |

MATCHLINE-SEE SHEET C-124

MATCHLINE-SEE SHEET C-126

MATCHLINE-SEE SHEET C-128

STORM DRAINAGE PLAN

SCALE: 1" = 50'

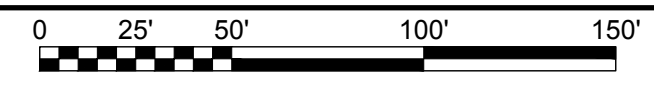
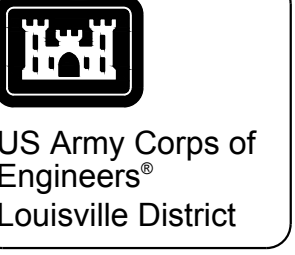
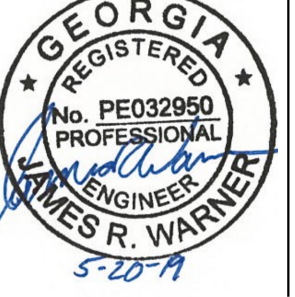


PHOTO OF BUILDING TO BE REMOVED AND RESET BACK IN PLACE



US Army Corps of Engineers Louisville District

James R. Warner, P.E. P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|-----------------------------|------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/02/2019 |
| CHECKED BY: R. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |
| ANSI D: 470564-C-101.dwg | |

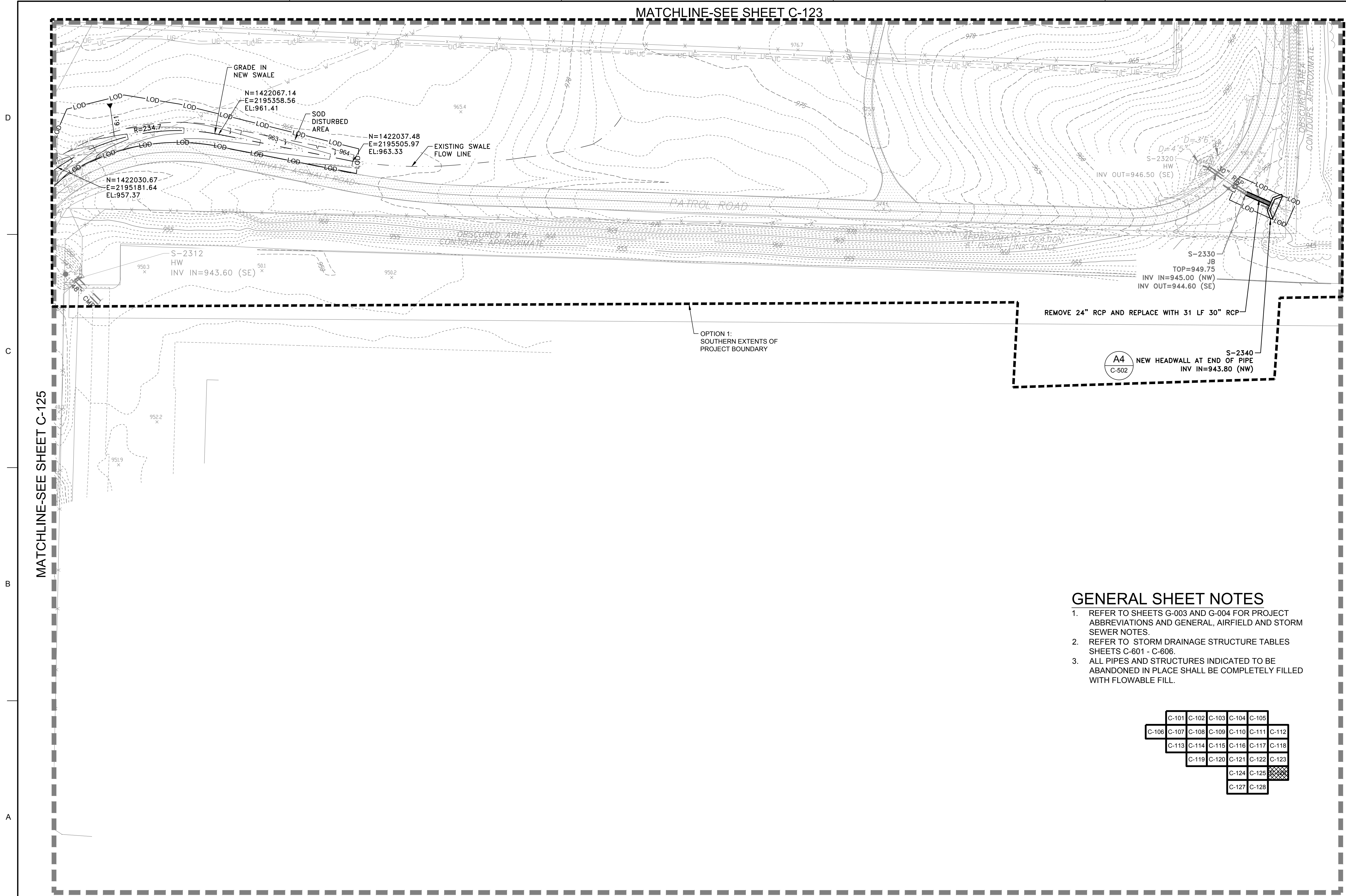
U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
 LOUISVILLE, KENTUCKY 40210-0059

POND
 TETRA TECH, INC.
 5800 PARKWAY LAKE
 LOUISVILLE, KENTUCKY 40020
 TEL: (502) 264-4998
 FAX: (502) 264-1128
 WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470564

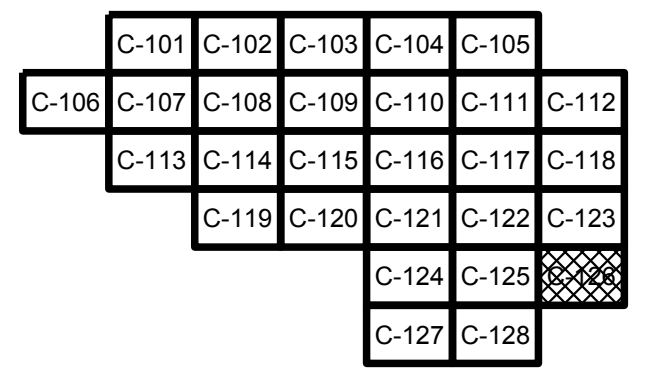
STORM DRAINAGE PLAN

MATCHLINE-SEE SHEET C-123



GENERAL SHEET NOTES

- REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
- REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
- ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

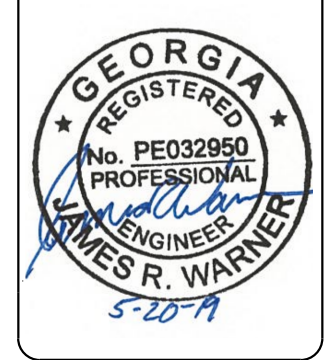


STORM DRAINAGE PLAN

SCALE: 1" = 50'



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |
| ANSI D | SIZE |

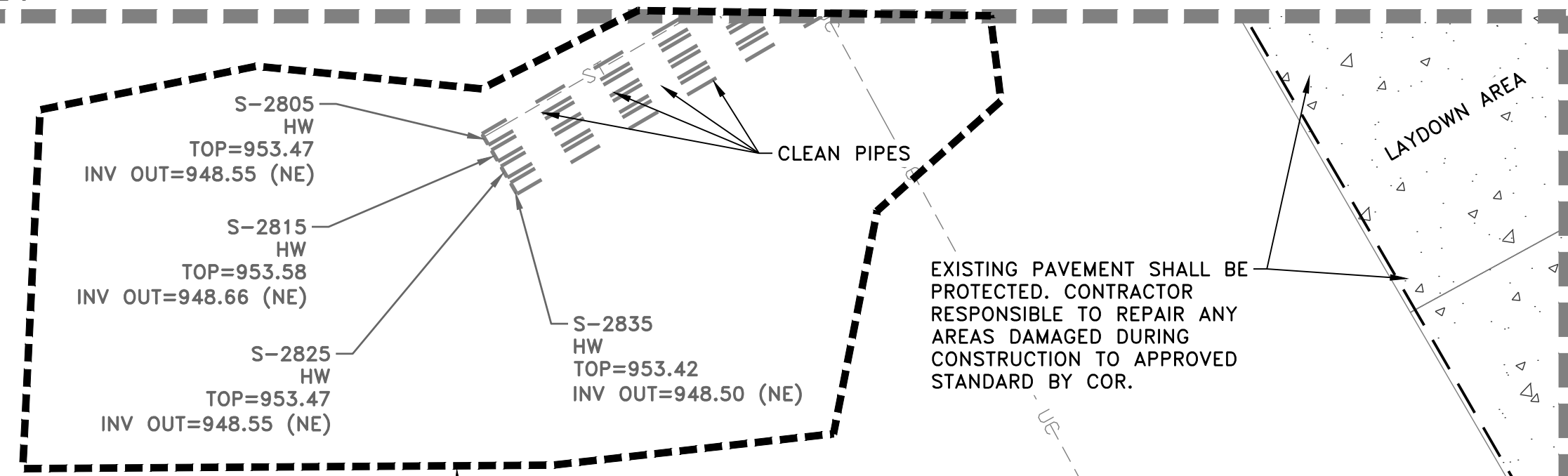
U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

TETRA TECH, INC.
Louisville, Kentucky 40202
Phone: 502-254-4200
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564
STORM DRAINAGE PLAN

SHEET ID
C-126

MATCHLINE-SEE SHEET C-124

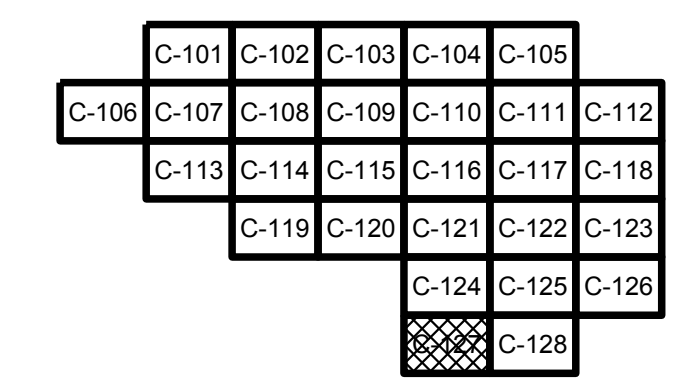


EXISTING PAVEMENT SHALL BE PROTECTED. CONTRACTOR RESPONSIBLE TO REPAIR ANY AREAS DAMAGED DURING CONSTRUCTION TO APPROVED STANDARD BY COR.

OPTION 1:
SOUTHERN EXTENTS OF PROJECT BOUNDARY

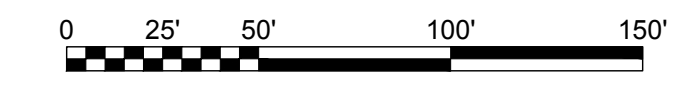
GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.



STORM DRAINAGE PLAN

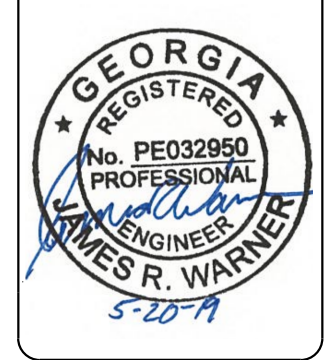
SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-128



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: S. BAILEY | SOLICITATION NO.: |
| SUBMITTED BY: ESA | CONTRACT NO.: |
| FILE NAME: 470564-C-101.dwg | FILE NUMBER: |
| ANSID | |

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

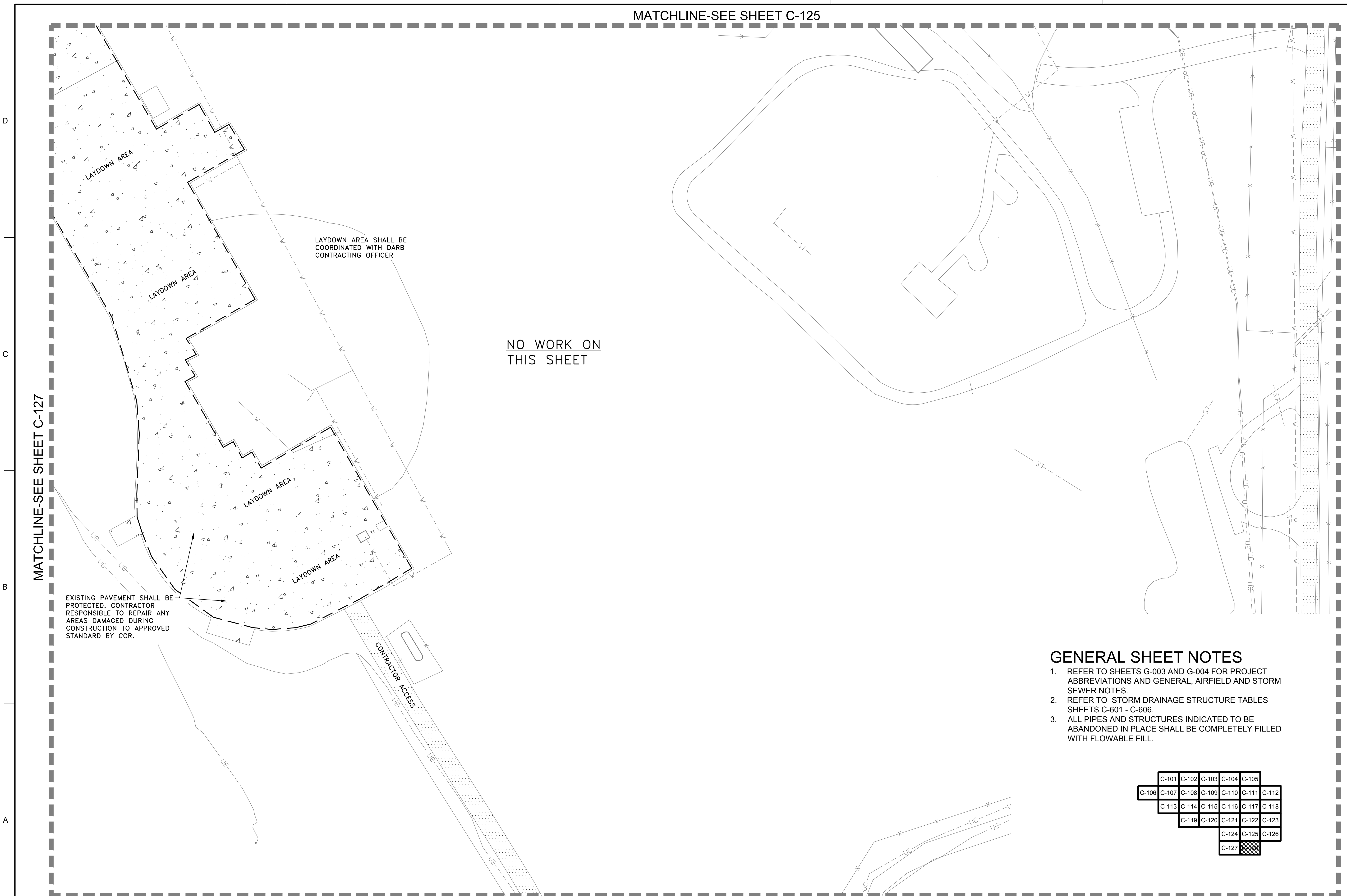
POND
2800 PARKWAY, SUITE 200
PLACENTIA, CALIFORNIA 92663
(714) 992-1155

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
400 W. MARKET STREET, SUITE 200
LOUISVILLE, KY 40202
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470564
STORM DRAINAGE PLAN

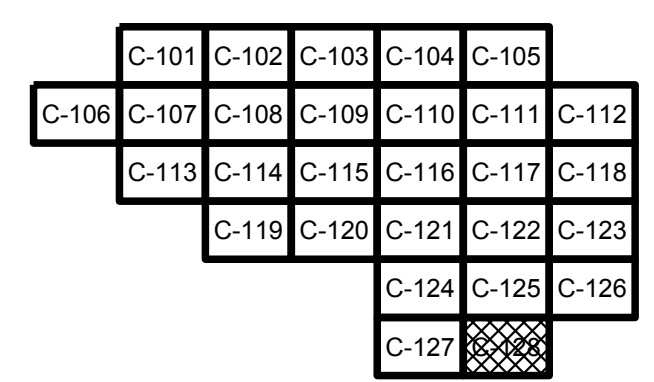
SHEET ID
C-127

MATCHLINE-SEE SHEET C-125



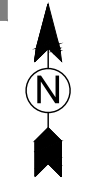
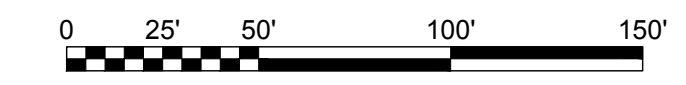
GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

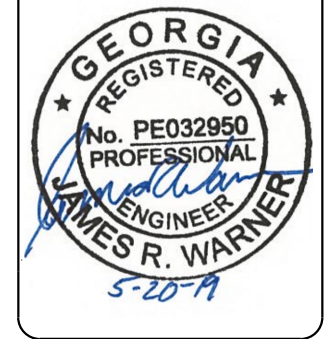


STORM DRAINAGE PLAN

SCALE: 1" = 50'



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

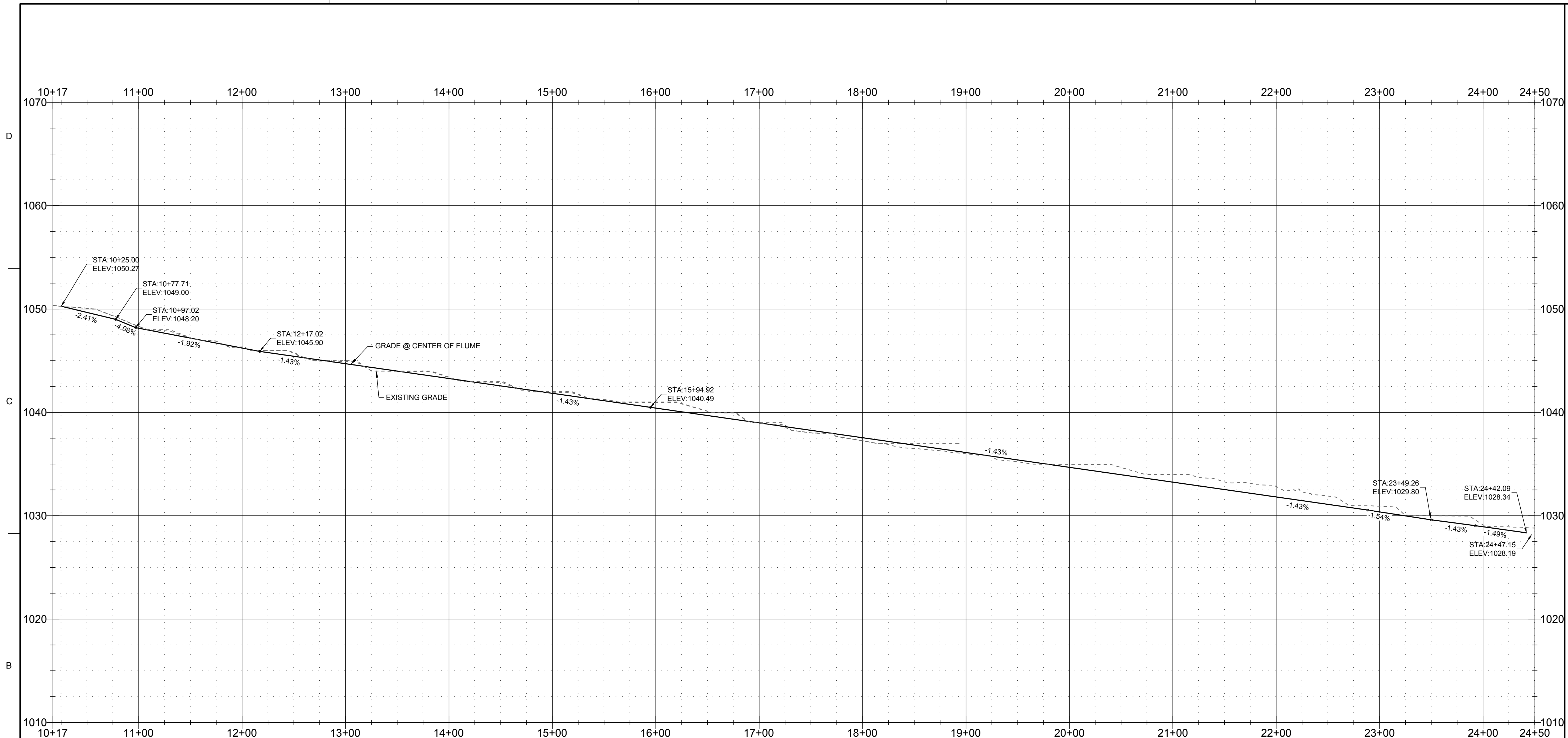
| | |
|----------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: ESA | FILE NUMBER: |
| ANSID 470564-C-101.dwg | |

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

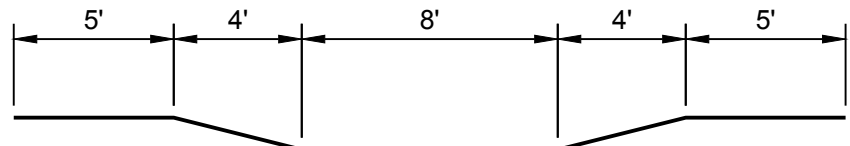
 TETRA TECH, INC.
 LOUISVILLE, KENTUCKY 40202
 5800 PARKWAY, SUITE 200
 FLEMINGVILLE, KY 40309
 PHONE: 502-584-4998
 FAX: 502-584-1836
 WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P2#: 470564
STORM DRAINAGE PLAN

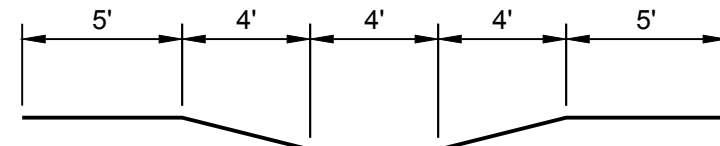
SHEET ID
C-128



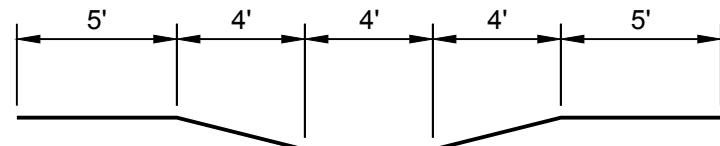
FLUME A PROFILE VIEW
 SCALE: 1" = 50' HOR 1" = 5' VER
 SEE SHEET C-106, C-107 AND C-113
 (OPTION 2)



FLUME A
 SEE SHEET C-106, C-107 AND C-113
 STATION 10+25 TO 24+47.15
 (OPTION 2)



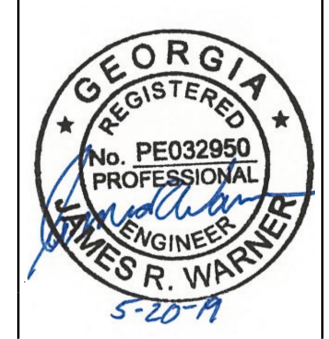
FLUME B
 SEE SHEET C-106
 STATION 10+47.16 RT106 TO RT13
 (OPTION 2)



FLUME C
 SEE SHEET C-106
 STATION 10+41.10 LT 132 TO LT 13
 (OPTION 2)



James R. Warner, P.E.
 P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: R. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470564-C-201.dwg | FILE NUMBER: |
| SIZE: | ANSI D: |

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

POND
 5800 PARSONS LAKE
 FLORENCE, MISSISSIPPI 39208
 (601) 771-1100

TETRA TECH, INC.
 Louisville, Kentucky 40002
 P.O. Box 244-2000
 Louisville, KY 40202
 www.tetra-tech.com

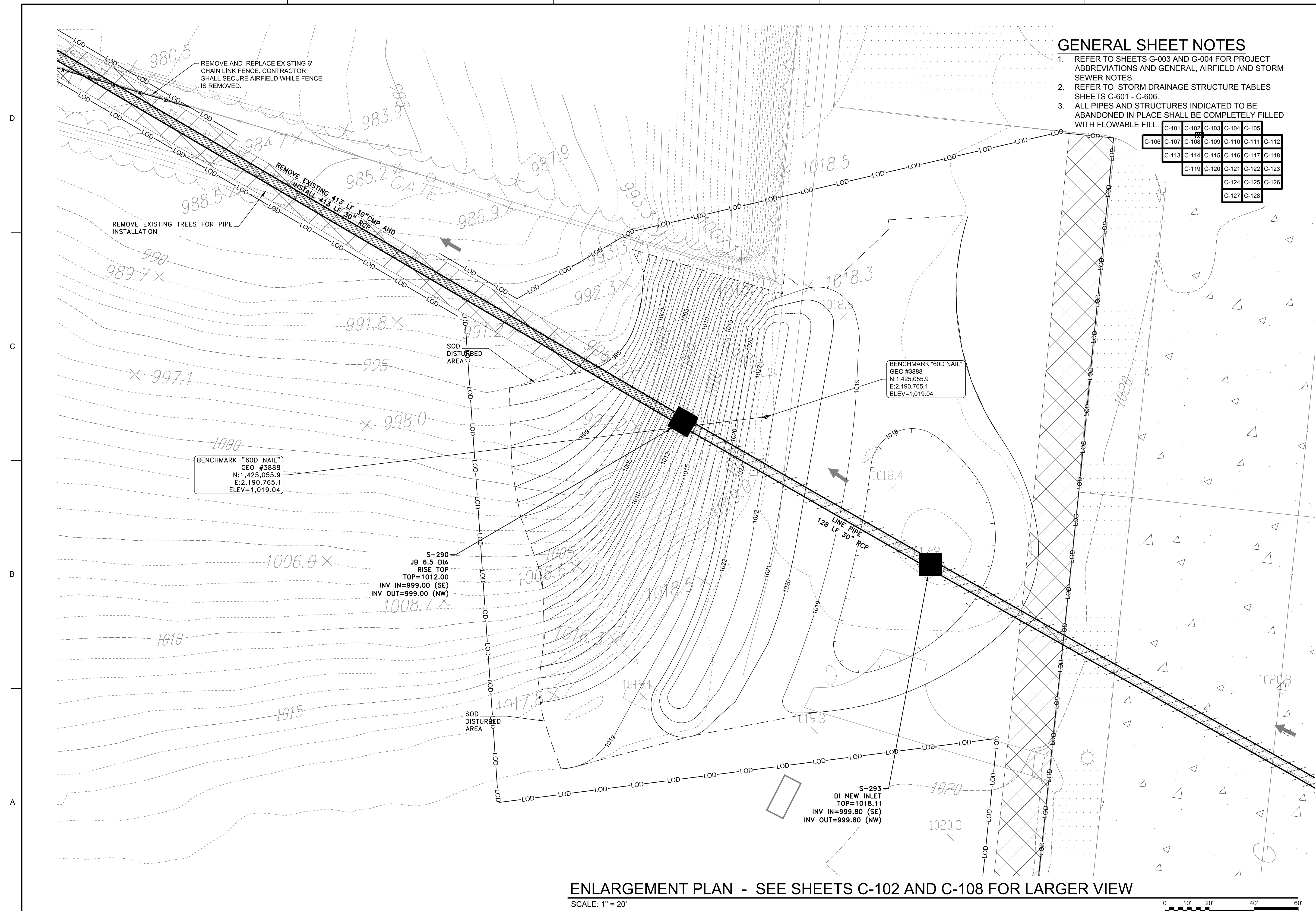
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470564
STORM DRAINAGE SECTION

SHEET ID
C-201

GENERAL SHEET NOTES

1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | |
|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 |
| C-106 | C-107 | C-108 | C-109 | C-110 |
| C-111 | C-112 | C-113 | C-114 | C-115 |
| C-116 | C-117 | C-118 | C-119 | C-120 |
| C-121 | C-122 | C-123 | C-124 | C-125 |
| C-126 | C-127 | C-128 | | |



US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: R. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: ANSI.DWG | FILE NUMBER: |
| SIZE: | 470564-C-101.dwg |

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

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40022
400 PARKWAY EAST
FLORENCE, KY 40302
TEL: 502-254-4998
FAX: 502-254-2998
WWW.TETRA-TECH.COM

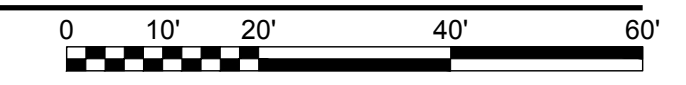
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

ENLARGEMENT PLAN

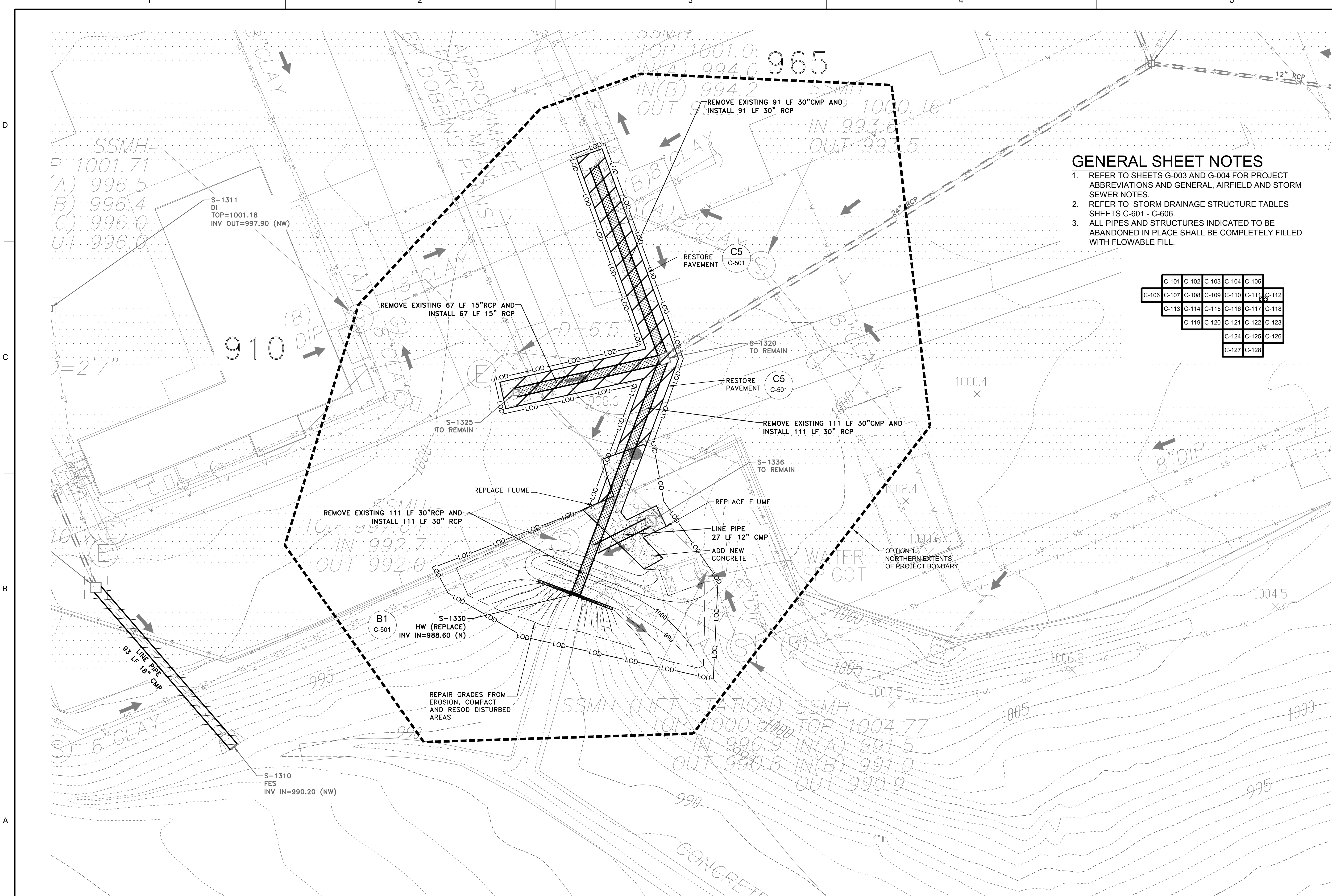
SHEET ID
C-401

ENLARGEMENT PLAN - SEE SHEETS C-102 AND C-108 FOR LARGER VIEW

SCALE: 1" = 20'



FILE PATH: O:\PROJECTS\SCORLANDOIER11652200-11652-18007\CAD\SHEET FILES\470564-C-101 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSS



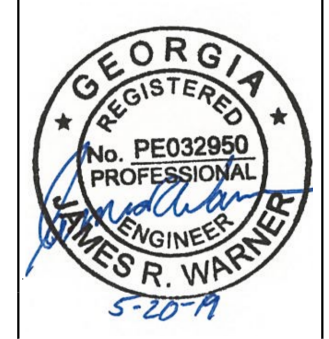
GENERAL SHEET NOTES

- 1. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD AND STORM SEWER NOTES.
- 2. REFER TO STORM DRAINAGE STRUCTURE TABLES SHEETS C-601 - C-606.
- 3. ALL PIPES AND STRUCTURES INDICATED TO BE ABANDONED IN PLACE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL.

| | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|
| C-101 | C-102 | C-103 | C-104 | C-105 | | |
| C-106 | C-107 | C-108 | C-109 | C-110 | C-111 | C-112 |
| C-113 | C-114 | C-115 | C-116 | C-117 | C-118 | |
| C-119 | C-120 | C-121 | C-122 | C-123 | | |
| C-124 | C-125 | C-126 | | | | |
| C-127 | C-128 | | | | | |



James R. Warner, P.E.
P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| SUBMITTED BY: S. BAILEY | CONTRACT NO.: |
| FILE NAME: 470584-C-101.dwg | FILE NUMBER: |
| ANSI D | SIZE |

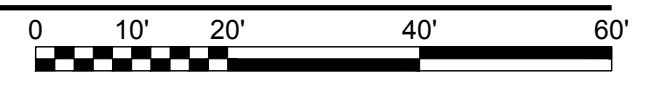
U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

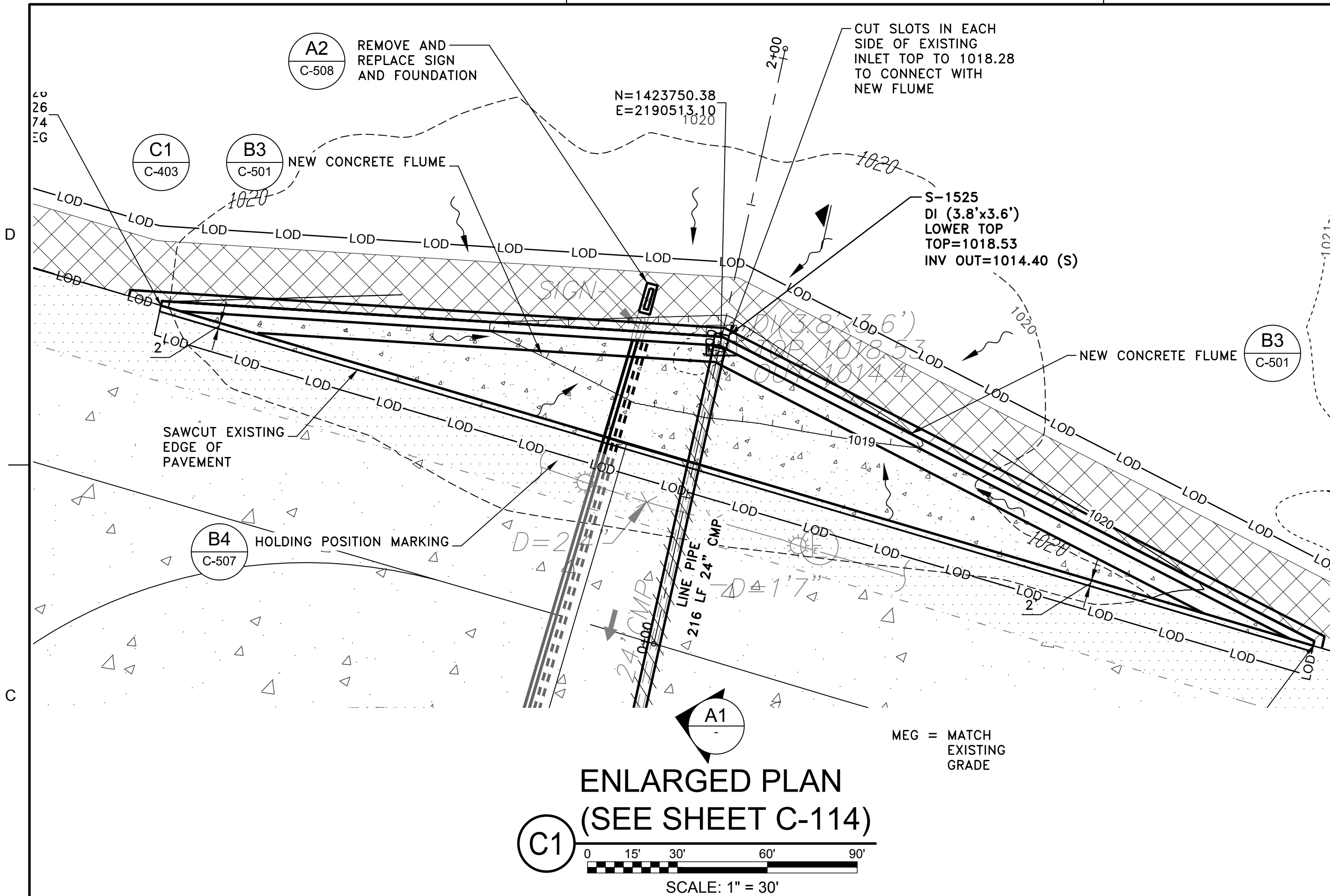
ENLARGEMENT PLAN

ENLARGEMENT PLAN - SEE SHEETS C-111 AND C-112 FOR LARGER VIEW

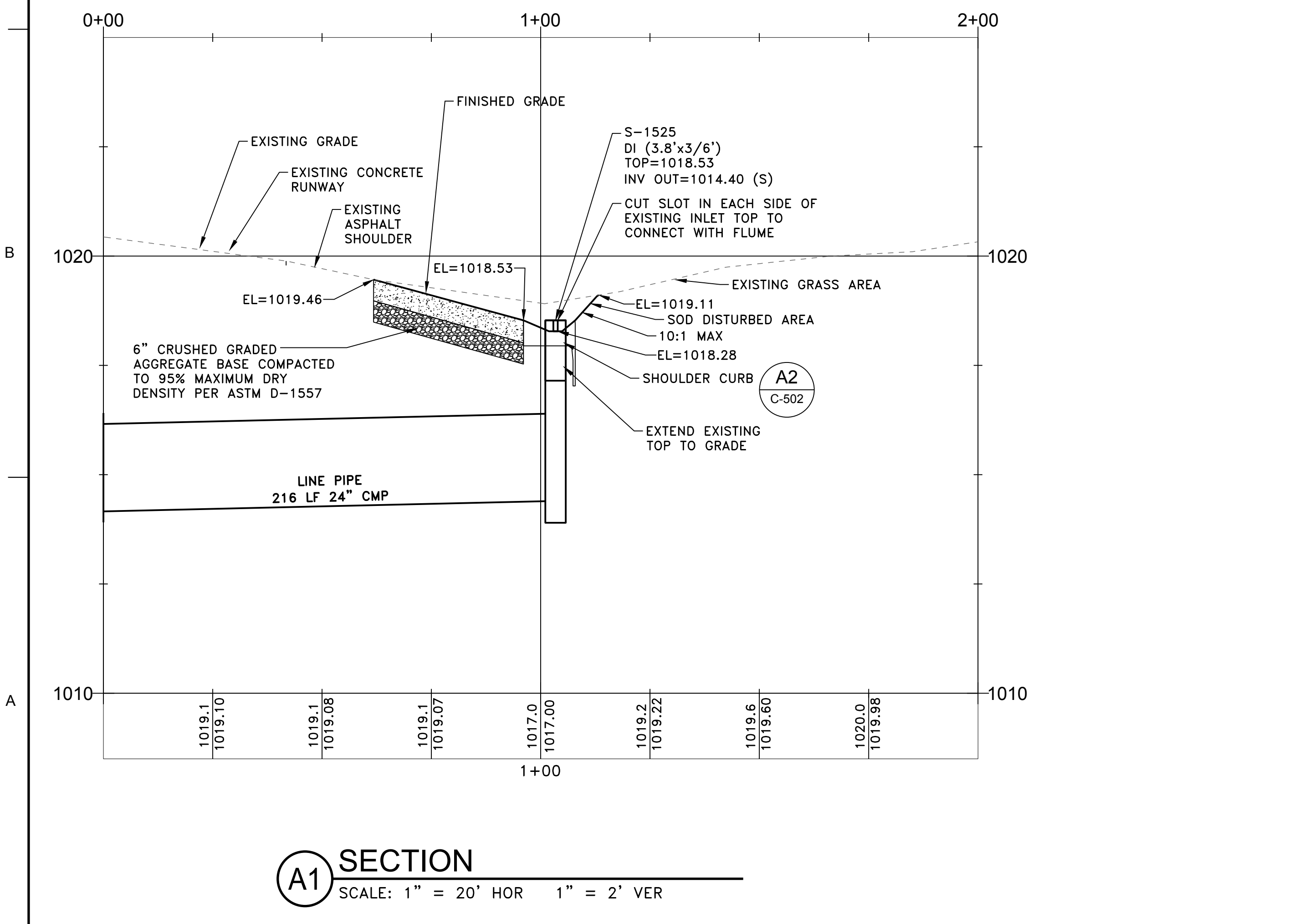
SCALE: 1" = 20'



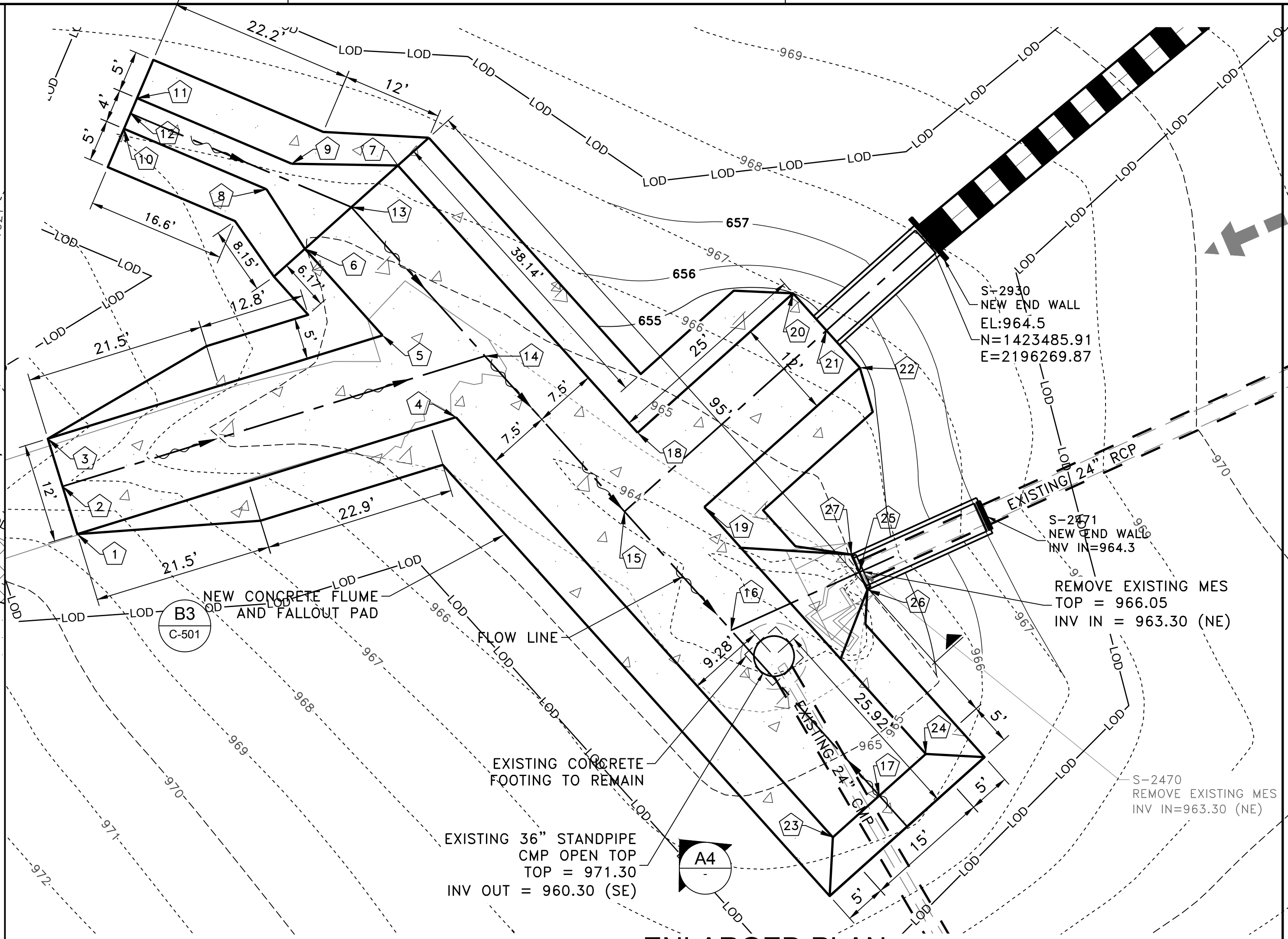
SHEET ID
C-402



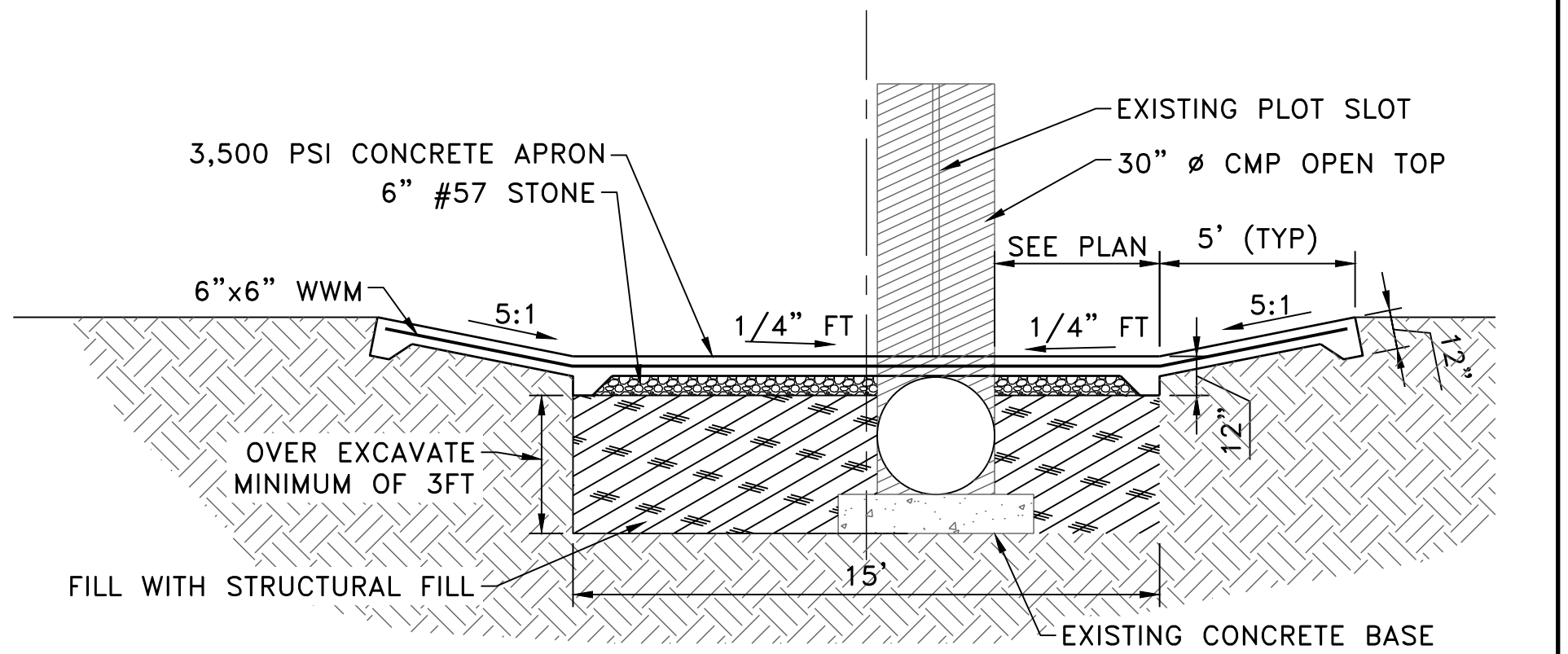
ENLARGED PLAN (SEE SHEET C-114)
 SCALE: 1" = 30'



A1 SECTION
 SCALE: 1" = 20' HOR 1" = 2' VER



ENLARGED PLAN (SEE SHEET C-118)
 SCALE: 1" = 10'



A4 SECTION

CONCRETE PAD AND ORIGINAL STANDPIPE DETAIL
 SCALE: 1/4" = 1' 0"

| GEOMETRY POINT TABLE | | | |
|----------------------|-----------|------------|------------|
| NUMBER | ELEV | NORTHING | EASTING |
| 1 | MEG | 1423450.42 | 2196167.58 |
| 2 | 967.2 MEG | 1423456.16 | 2196165.81 |
| 3 | MEG | 1423461.89 | 2196164.04 |
| 4 | 965.10 | 1423464.47 | 2196213.08 |
| 5 | 965.32 | 1423474.31 | 2196204.26 |
| 6 | 965.35 | 1423484.71 | 2196194.93 |
| 7 | 965.35 | 1423494.73 | 2196206.09 |
| 8 | 965.96 | 1423491.87 | 2196190.31 |
| 9 | 965.93 | 1423494.93 | 2196193.34 |
| 10 | 966.33 | 1423499.13 | 2196173.20 |
| 11 | 966.33 | 1423502.82 | 2196174.76 |
| 12 | 966.23 | 1423500.98 | 2196173.98 |
| 13 | 965.20 | 1423489.72 | 2196200.51 |
| 14 | 964.72 | 1423471.83 | 2196216.56 |
| 15 | 964.21 | 1423453.13 | 2196233.32 |
| 16 | 963.96 | 1423438.86 | 2196246.12 |
| 17 | 964.80 | 1423418.99 | 2196263.94 |
| 18 | 964.49 | 1423462.61 | 2196234.90 |
| 19 | 964.25 | 1423453.67 | 2196242.91 |
| 20 | 964.50 | 1423479.36 | 2196253.58 |
| 21 | 964.40 | 1423474.89 | 2196257.59 |
| 22 | 964.50 | 1423470.43 | 2196261.59 |
| 23 | 964.92 | 1423413.99 | 2196258.35 |
| 24 | 964.92 | 1423424.00 | 2196269.52 |
| 25 | 965.00 | 1423445.85 | 2196261.54 |
| 26 | 965.05 | 1423443.72 | 2196262.50 |
| 27 | 965.05 | 1423447.97 | 2196260.57 |

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

| ISSUE DATE: | SOLICITATION NO.: | CONTRACT NO.: | FILE NUMBER: |
|-------------|-------------------|---------------|--------------|
| 05/20/2019 | | | |

| DESIGNED BY: | CHECKED BY: | SUBMITTED BY: | FILE NAME: |
|--------------|-------------|---------------|------------------|
| J. WARNER | B. MATTHEWS | S. BAILEY | 470564-C-400.dwg |

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

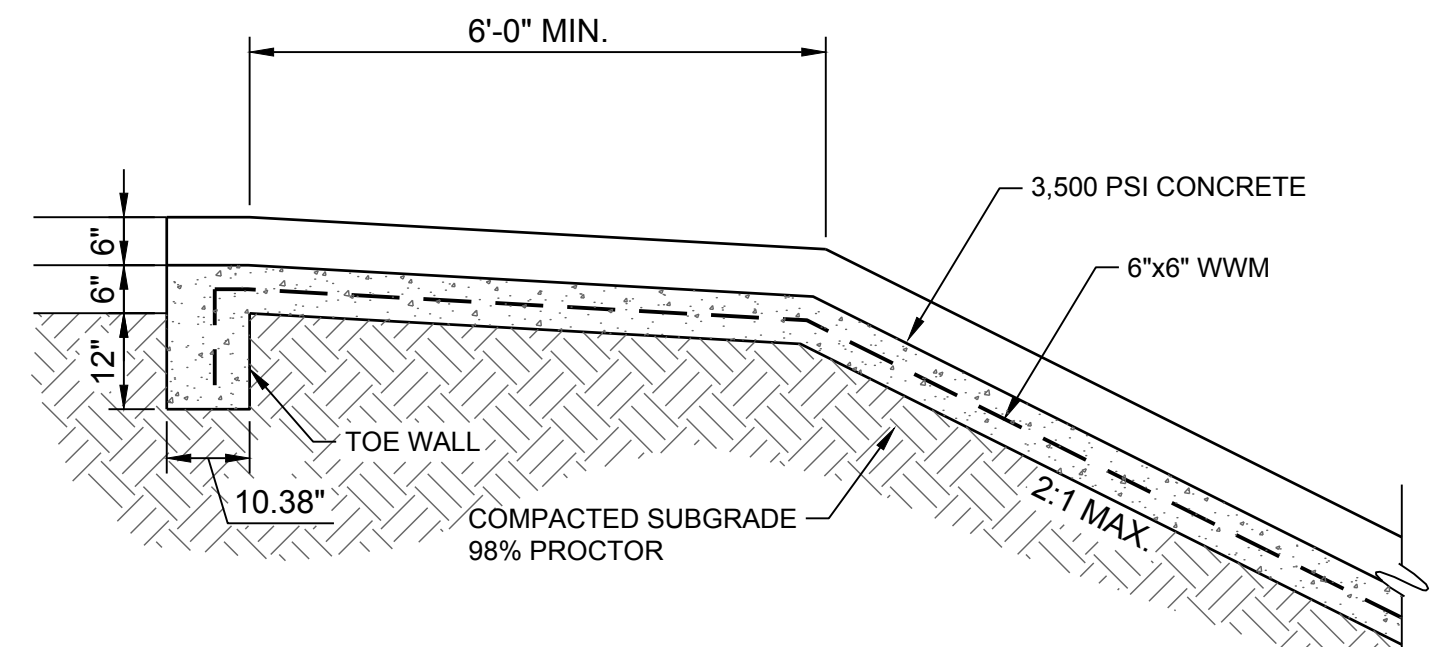
TETRA TECH, INC.
 5800 PARSONS AVE
 LOUISVILLE, KENTUCKY 40202
 PH: (502) 264-2000
 WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P2#-470564

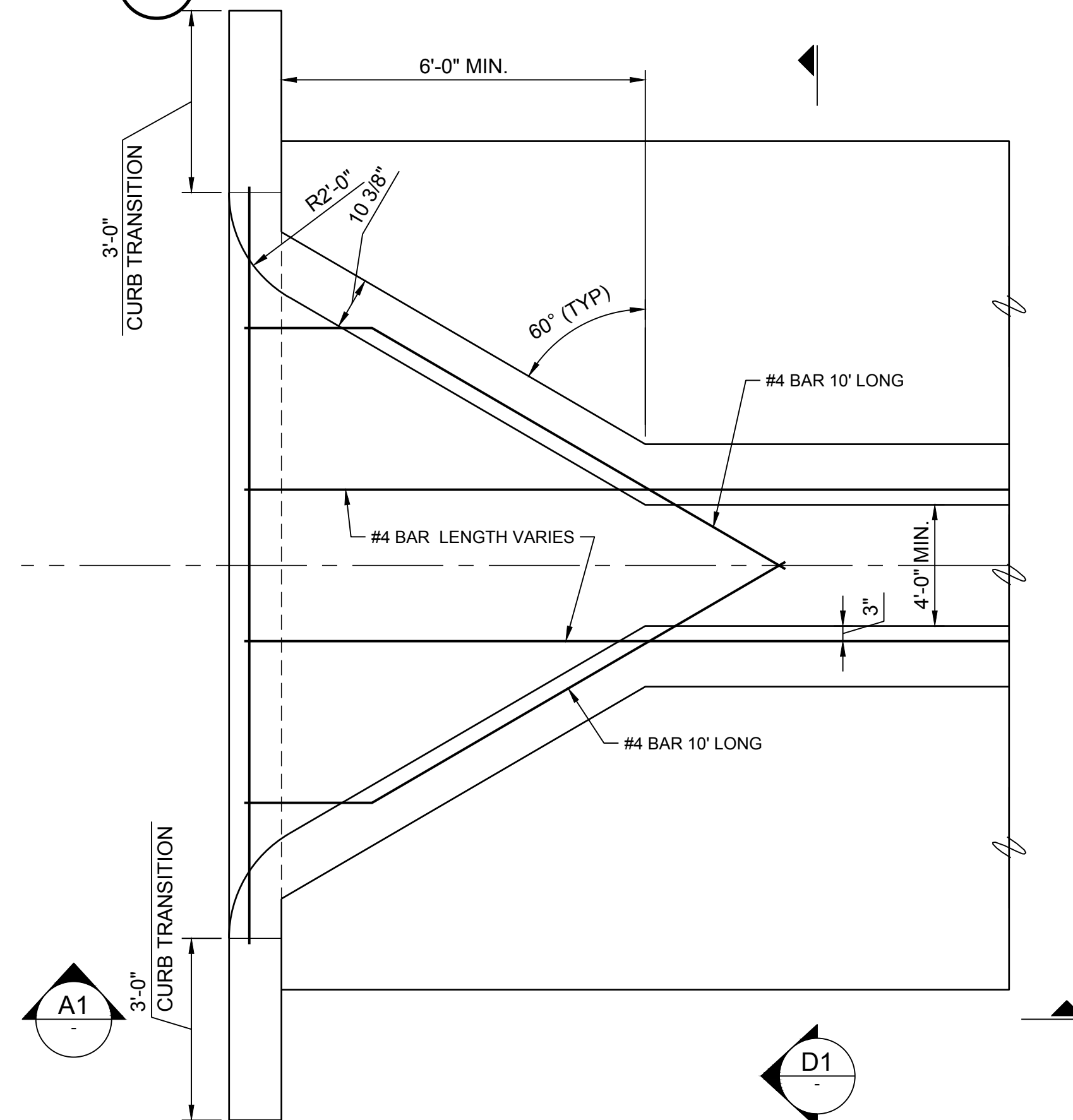
ENLARGEMENT PLAN AND SECTIONS

SHEET ID
C-403

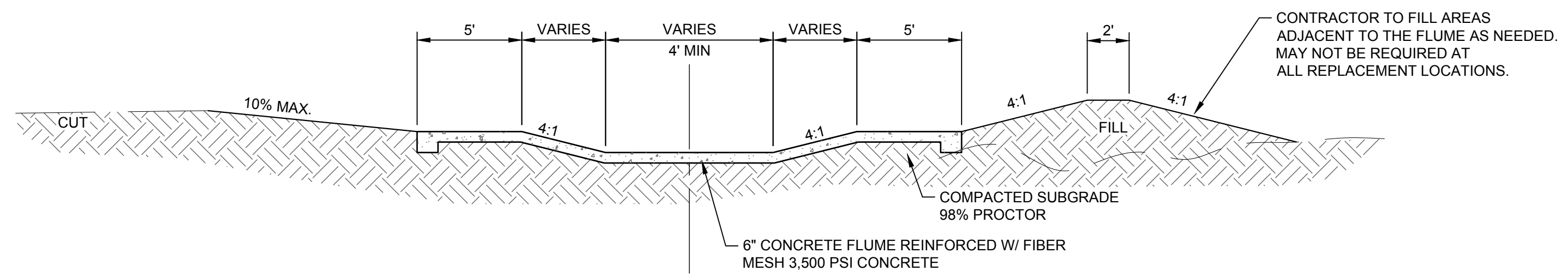
FILE PATH: O:\PROJECTS\SCORLANDO\11652\200-11652-18007\CAD\SHEET FILES\470564-C-400_PLOTTED_05/20/2019 BY: MATTHEWS, RUSS



D1 CONCRETE FLUME REPLACEMENT SECTION

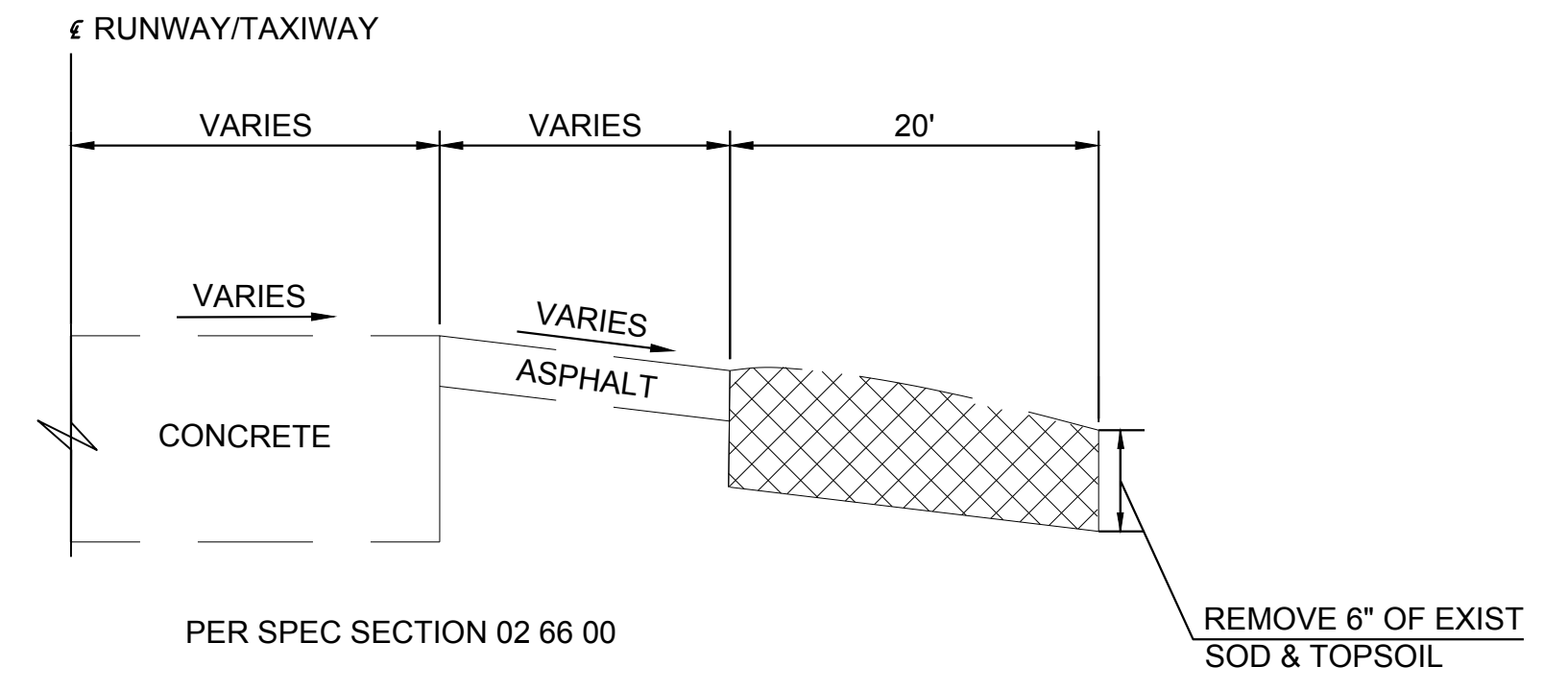


B1 CONCRETE FLUME REPLACEMENT PLAN

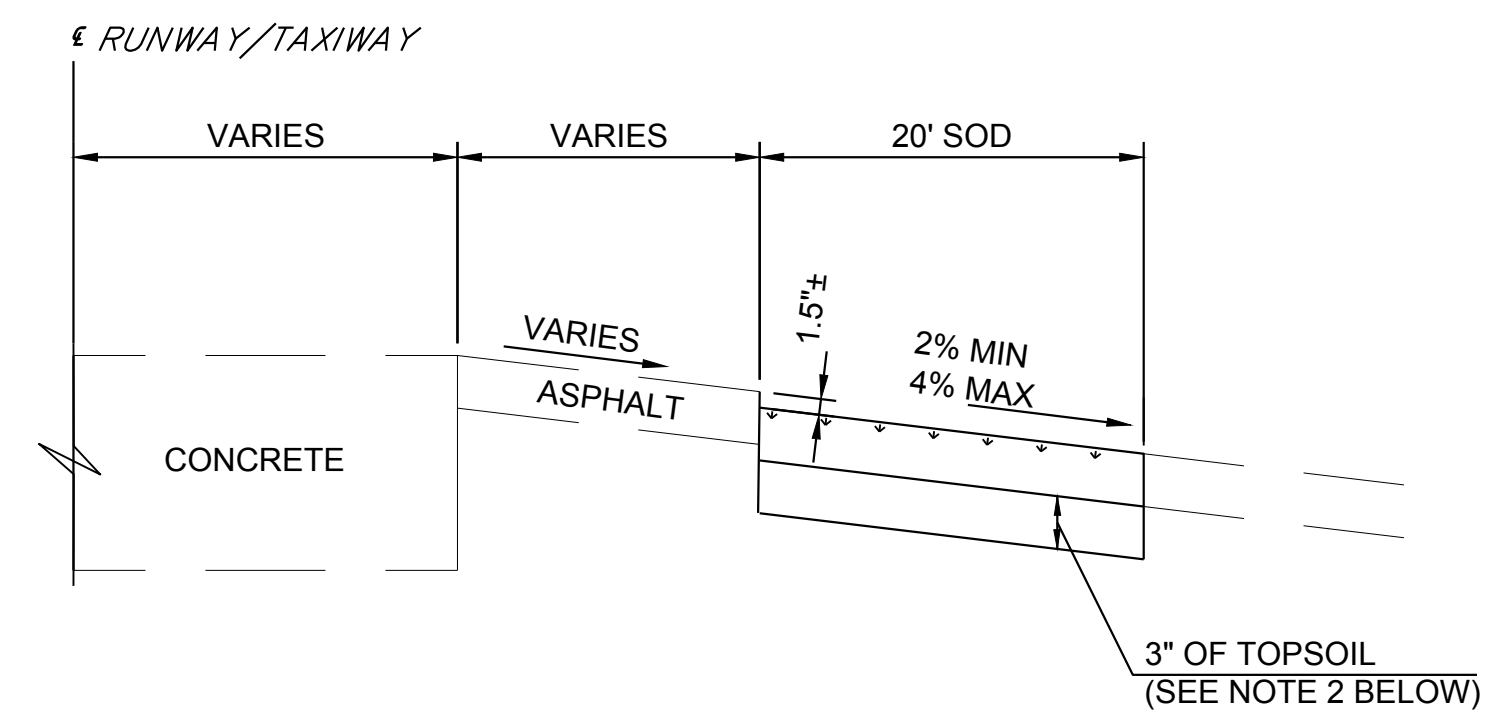


A1 CONCRETE FLUME REPLACEMENT SECTION

- NOTE:
1. MATCH SAWCUT PATTERN OF EXISTING FLUME.
 2. 1/2" PREFORMED EXPANSION JOINT TO BE INSTALLED AT EACH COLD JOINT CONNECTION.
 3. 4" WEEP HOLES FILLED WITH PEA GRAVEL AT 6' O.C. TO BE INSTALLED ON ALL NEW SECTIONS. ONE WEEP HOLE MINIMUM PER REPLACEMENT.

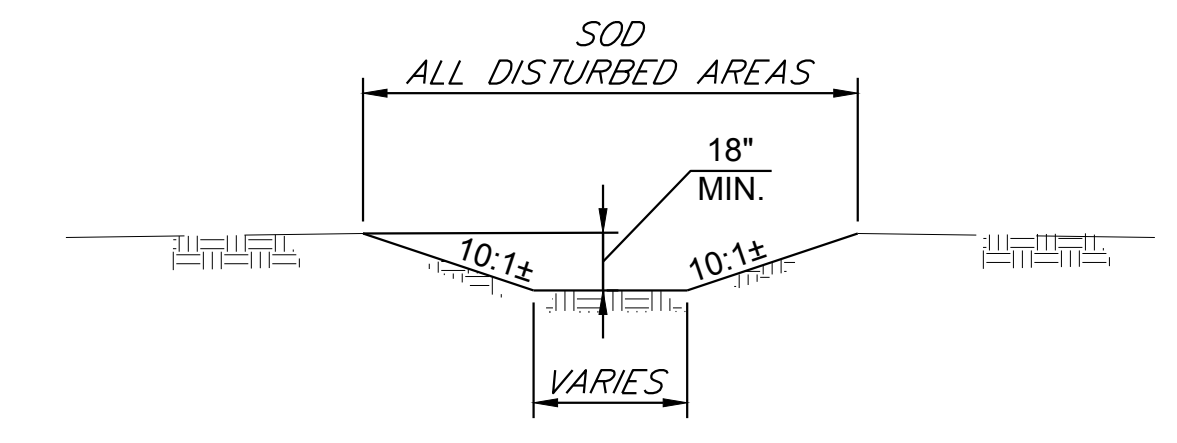


D4 RUNWAY/TAXIWAY EXIST GROUND DEMOLITION TYPICAL SECTION
NO SCALE



B4 RUNWAY/TAXIWAY PROPOSED SOD PLACEMENT
NO SCALE

- NOTE:
1. SOD PLACEMENT TO FOLLOW IN ACCORDANCE WITH UFGS 32 92 23.
 2. TOPSOIL PLACEMENT TO FOLLOW IN ACCORDANCE WITH UFGS 02 66 00.



A4 TYPICAL SOD DITCH SECTION
NO SCALE

- NOTE:
1. CONTRACTOR TO MATCH EXISTING SWALE BOTTOM DIMENSION.

US Army Corps of Engineers
Louisville District
James R. Warner, P.E.
P.E. No. 032950, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
No. PE032950
JAMES R. WARNER
5-20-19

| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |
| | | |
| | | |

DESIGNED BY: J. WARNER
CHECKED BY: B. MATTHEWS
SUBMITTED BY: S. BAILEY
FILE NAME: 470564-C-500.dwg
ANSI D

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

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

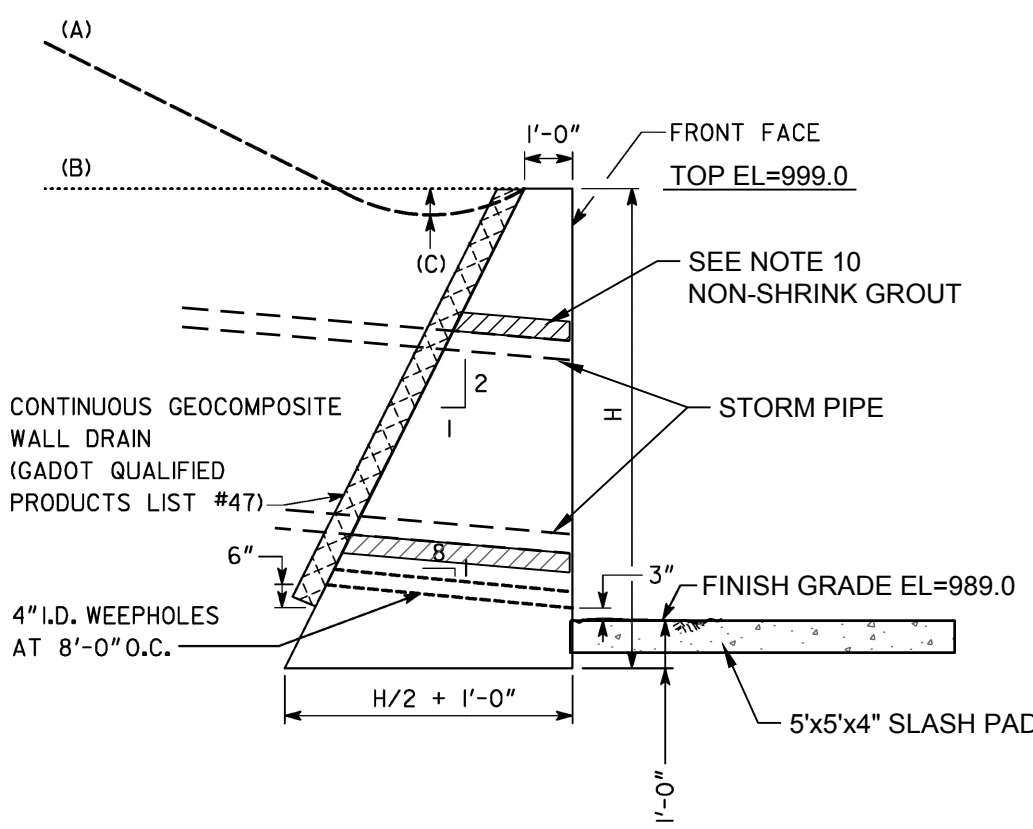
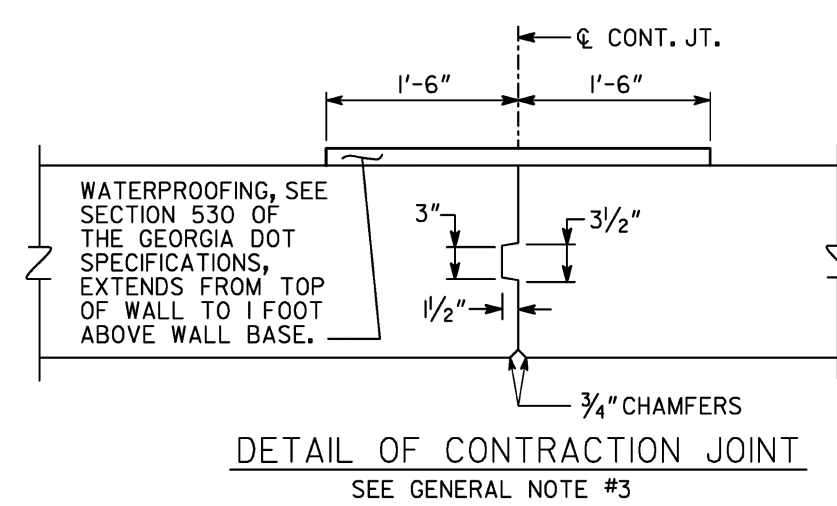
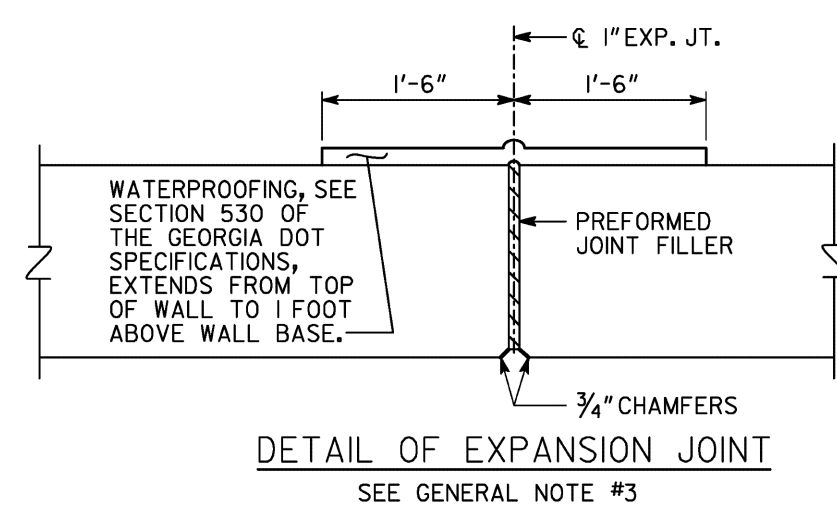
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
400 PARKWAY, SUITE 200
PHONE: (502) 254-4200
FAX: (502) 254-4206
WWW.TETRA-TECH.COM

POND

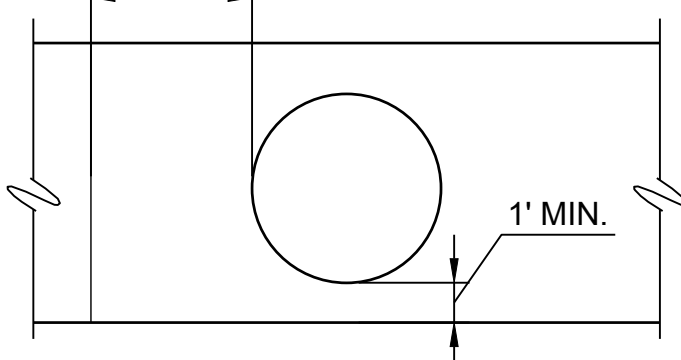
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564
CIVIL DETAILS

SHEET ID
C-500

FILE PATH: O:\PROJECTS\SCORLANDO\IER11652\201-11652-18007\CAD\SHR\FILES\470564-C-500_PLOTTED_05/20/2019 BY: MATTHEWS, RUSS



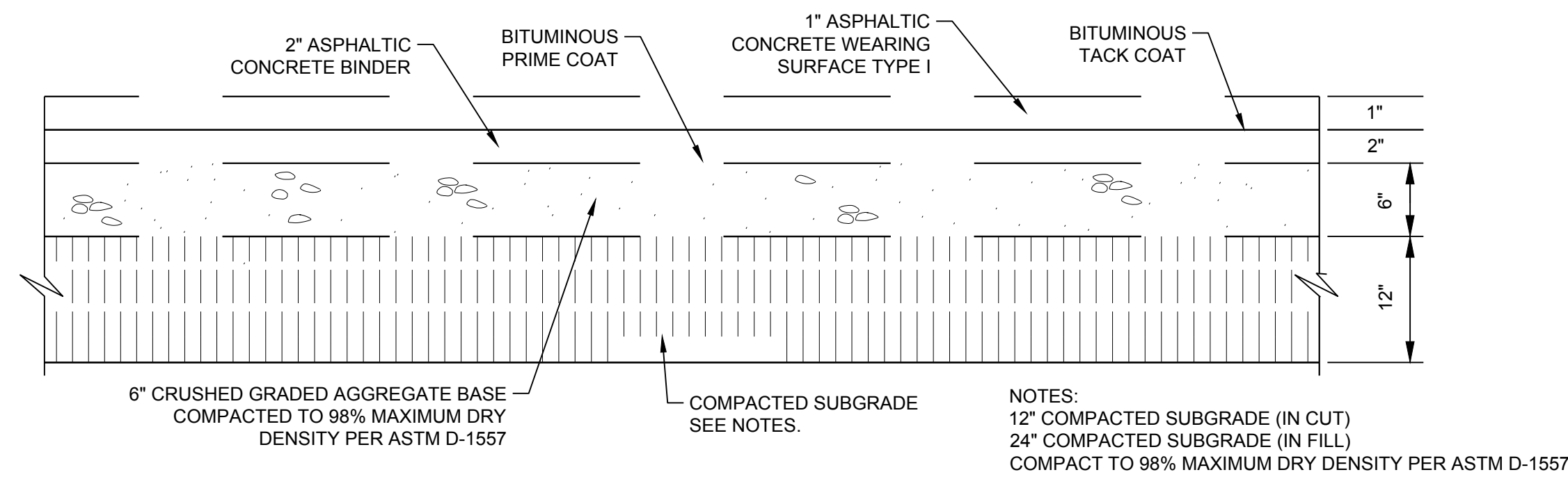
5' MIN. TO NEAREST JOINT (TYP)



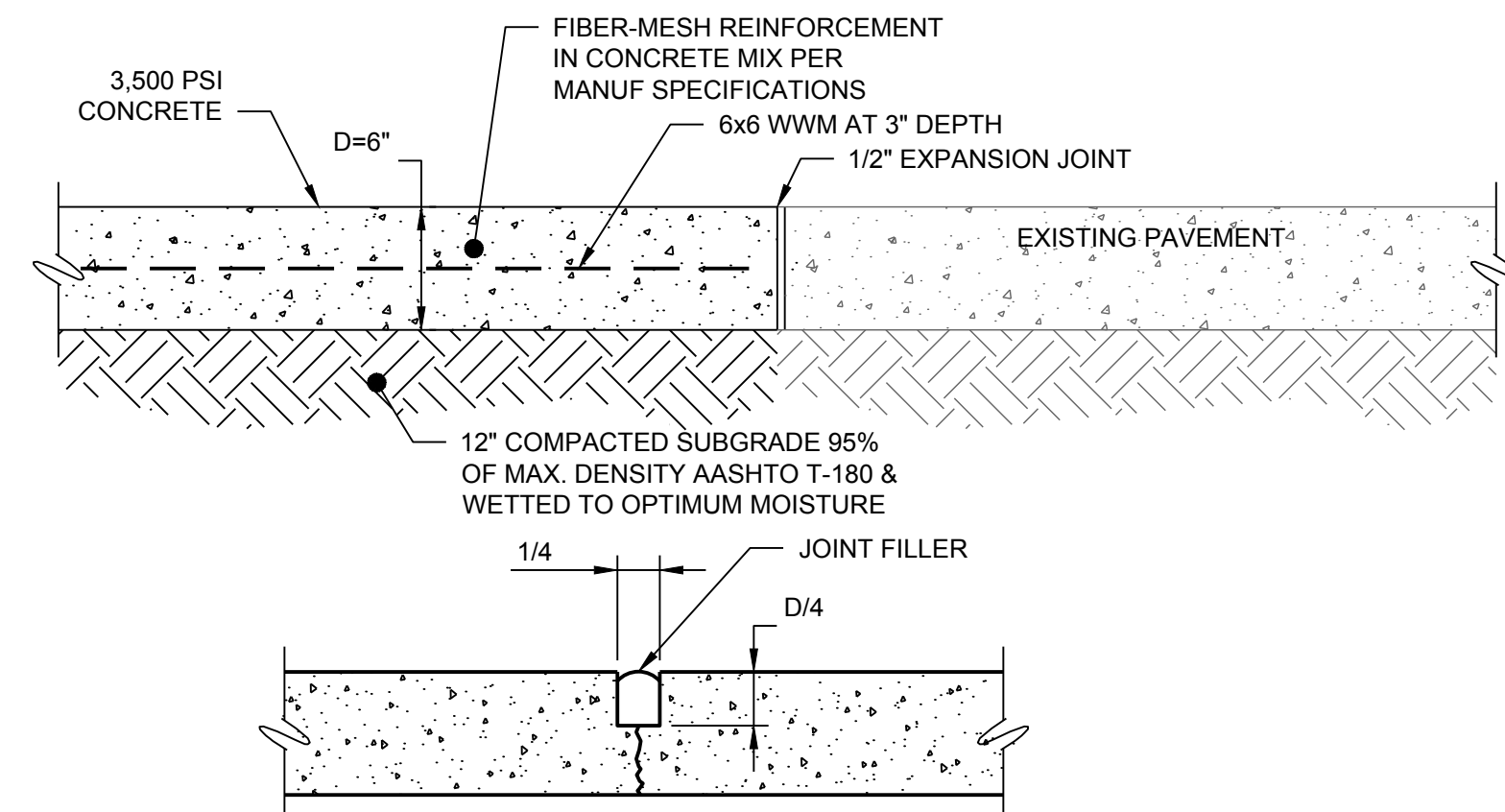
| | MAXIMUM "H"* | | |
|-------------|----------------|------------------|------------------|
| BACKSLOPE | TYP. SECTION A | TYP. SECTION B** | TYP. SECTION C** |
| FLAT | 8'-6" | 10'-0" | 10'-0" |
| SLOPE TO 4H | 6'-3" | 7'-0" | 7'-0" |
| SLOPE TO 2H | 4'-6" | 4'-9" | 4'-9" |

* GREATER "H" PERMITTED IF APPROVED BY BRIDGE DESIGN.
 ** TYPICAL SECTION B SHALL HAVE A MINIMUM H OF 3'-8"
 TYPICAL SECTION C SHALL HAVE A MINIMUM H OF 4'-6"

- GENERAL NOTES:
- GRAVITY WALLS SHALL NOT BE USED WHEN HORIZONTAL DISTANCE FROM EDGE OF TRAVEL WAY TO FRONT FACE OF WALL IS LESS THAN (H + 1'-0").
 - GRAVITY WALLS DESIGNED FOR THE FOLLOWING SOIL PROPERTIES:
 FOUNDATION BACKFILL
 COHESION = 0 PSF 0 PSF
 φ = 28° 28°
 UNIT WEIGHT = 120 PCF 120 PCF
 - EXPANSION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 90'-0" AND EXTEND THROUGH THE WALL. CONTRACTION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 30'-0".
 - GRAVITY WALLS WITH A VERTICAL FRONT FACE SHALL BE PAID FOR AS "CLASS B CONCRETE OR MORTAR RUBBLE MASONRY, RETAINING WALL". GRAVITY WALLS WITH A BARRIER FRONT FACE SHALL BE PAID FOR AS "CLASS A CONCRETE, RETAINING WALL". WATERPROOFING, JOINT FILLER, WALL DRAIN, AND OTHER INCIDENTAL ITEMS SHALL BE INCLUDED IN OVERALL BID SUBMITTED.
 - A CONCRETE DITCH DETAIL FOR THE TOP OF THE WALL SHOULD BE INCLUDED IN THE ROADWAY PLANS WHEN WATER IS FLOWING TOWARDS THE BACK OF THE WALL. SEE CONSTRUCTION DETAIL D-49.
 - FINISH EXPOSED SURFACES OF THE WALL WITH A TYPE III FINISH.
 - APPLY GRAFFITI PROOF COATING AS PER SECTIONS 500 AND 838 OF THE GEORGIA DOT SPECIFICATIONS.
 - ALL NECESSARY FENCE AND HANDRAIL SHOULD BE INCLUDED IN THE ROADWAY PLANS WHEN APPROPRIATE.
 - GRAVITY WALL TYPICAL SECTIONS A, B, AND C HAVE BEEN DESIGNED PER THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7TH EDITION, 2014.
 - MAXIMUM OPENING SHALL BE THE PIPE OUTSIDE DIAMETER PLUS 6". MORTAR USED TO SEAL THE PIPE OPENING WILL BE SUCH MIX THAT SHRINKAGE WILL NOT CAUSE LEAKAGE.

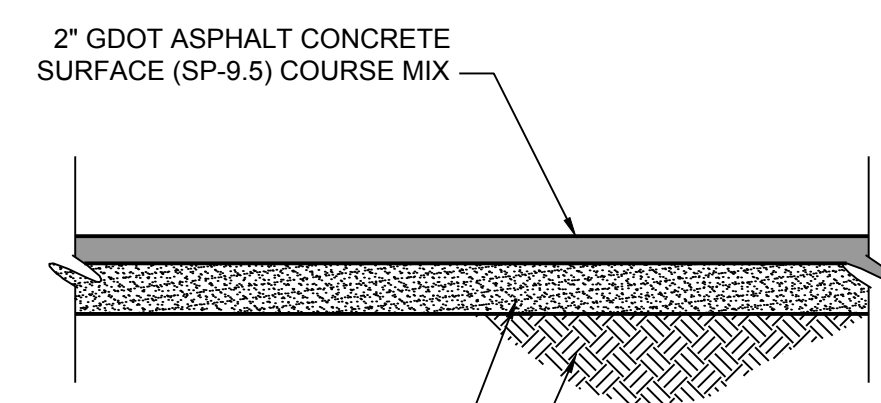


D1 - TAXIWAY SHOULDER
NO SCALE



- NOTES:
- CRACK CONTROL (CONTRACTION) JOINTS @ 15' O.C. UNLESS OTHERWISE NOTED.
 - EXPANSION JOINTS TO BE 1/2" WITH PRE-MOLDED JOINT FILLER MATERIAL.
 - CONTRACTOR TO CONSTRUCT CONTRACTION JOINTS INTO PANELS THAT ARE APPROX. SQUARE. WHEN THIS IS NOT POSSIBLE, RECTANGULAR PANELS CAN BE USED IF THE LONG DIMENSION IS NO MORE THAN 1.25 TIMES THE SHORT DIMENSION.

B3 CONCRETE PAVEMENT
NO SCALE

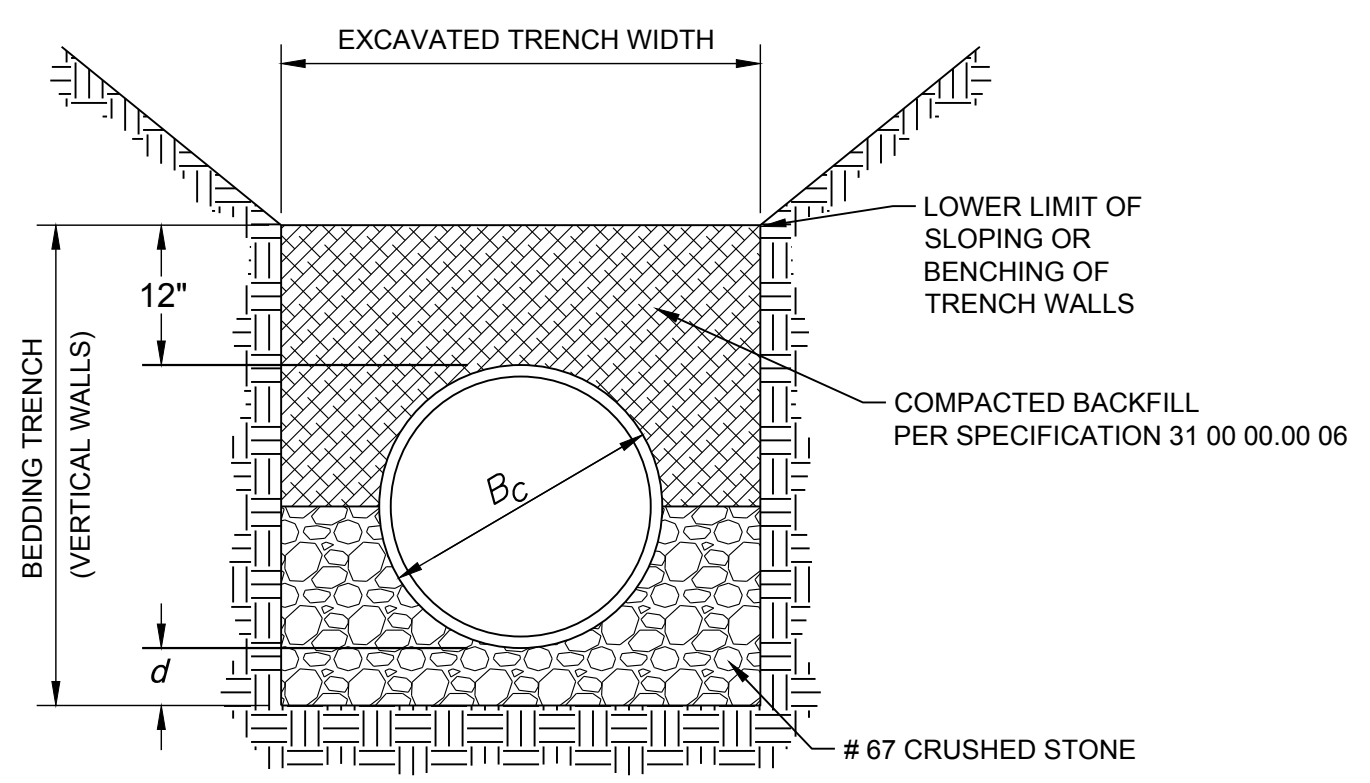
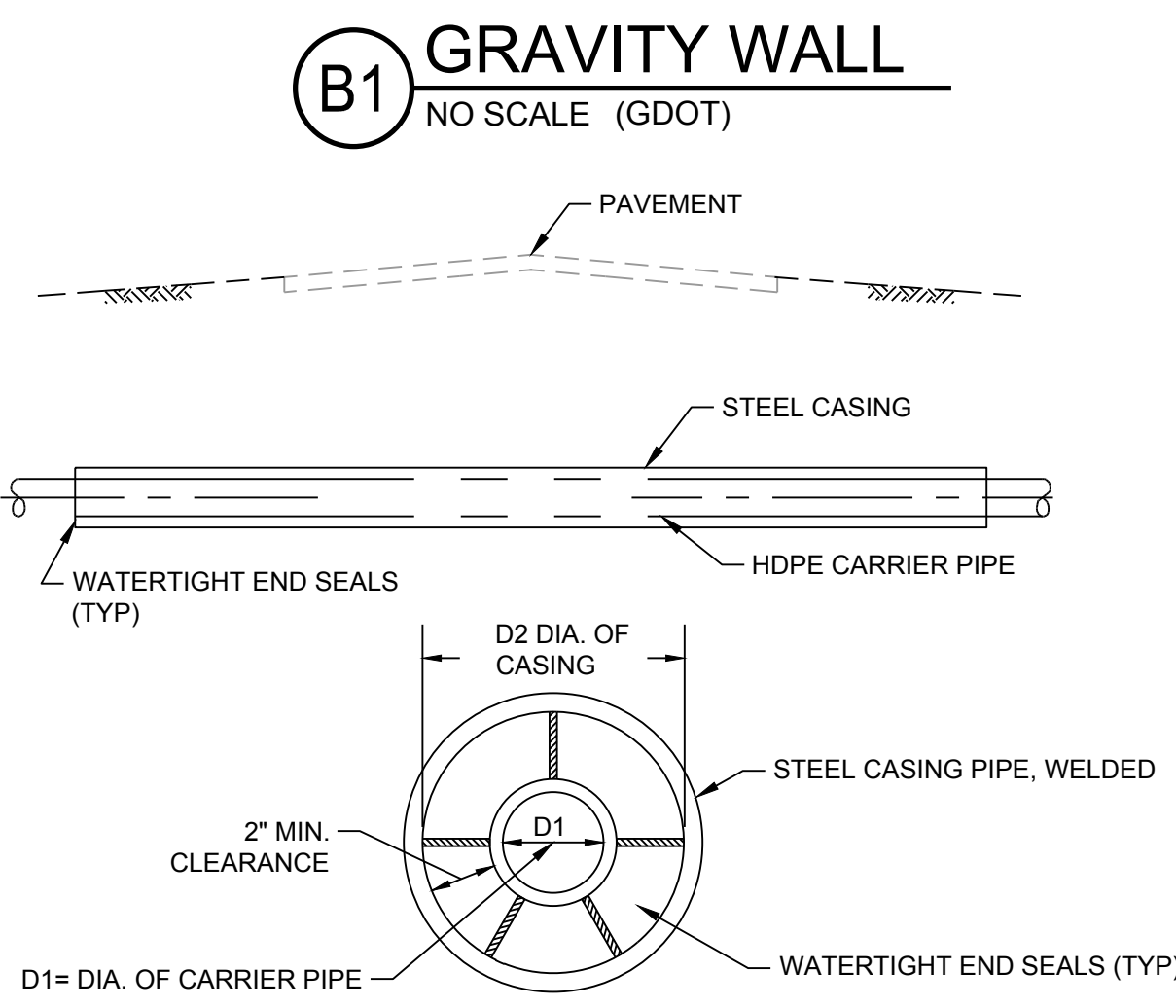


6" CEMENTED BASE. MINIMUM CBR OF 80 OR LBR OF 100 COMPACTED AT LEAST 95% OF MODIFIED PROCTOR (ASTM D-1557)
 THE ASPHALT SHOULD BE COMPACTED TO A TARGET OF 92% OF THE LABORATORY MAXIMUM SPECIFIC GRAVITY (GMM OF RICE SPECIFIC GRAVITY).

12" STABILIZED SUBGRADE SURFACE MINIMUM CBR 40 OR MINIMUM LBR OF 60 COMPACTED AT LEAST 98% OF MODIFIED PROCTOR (ASTM D-1557)

- NOTES:
- A TACK COAT WILL BE REQUIRED FOR ASPHALT PAVEMENT BETWEEN EXISTING PAVEMENT SURFACES, LAYERS OF LIFT OF HOT MIX ASPHALT OR NEW ASPHALT PLACED AGAINST CURBS, GUTTERS AND CONSTRUCTION JOINTS.
 - BEFORE PLACING THE BASE COURSE THE EXPOSED SUBGRADE SHALL BE COMPACTED TO A DENSITY OF 98% MODIFIED PROCTOR (ASTM D1557) FOR A DEPTH OF 12"
 - SOME STABILIZATION OF THE EXISTING SUB-GRADE SHOULD BE ANTICIPATED BEFORE COMPACTION OF THE BASE MATERIAL. STABILIZATION THE EXISTING SUB-GRADE BY MIXING IN ROUGHLY 4 INCHES OF BASE MATERIAL INTO THE TOP 12 INCHES OF EXISTING SUB-GRADE MATERIAL PRIOR TO COMPACTION. IMPORTED PAVEMENT SUB-GRADE MATERIAL SHOULD HAVE A MINIMUM CBR VALUE OF 32 TO AVOID STABILIZATION REQUIREMENTS.

C5 TYPICAL ASPHALT PAVEMENT REPAIR
NO SCALE



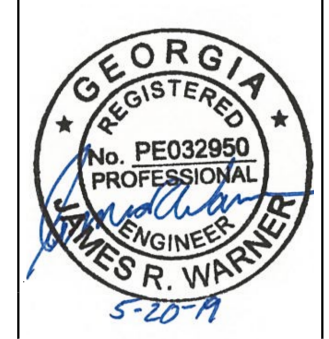
- NOTES:
- FOR CLASS B PIPE BEDDING, SUBGRADE SHOULD BE EXCAVATED, OR OVER EXCAVATED IF NECESSARY SO A UNIFORM FOUNDATION FREE OF PROTRUDING ROCKS MAY BE PROVIDED.
 - GRANULAR BEDDING SHALL BE HAND TAMPED IN 6" LIFTS AND SHALL CONFORM TO ASTM C-22 OR ASTM D-488 GRADATION SIZE # 67.
 - TYPICAL ALL BEDDING.

A1 BORE AND JACK DETAIL
NO SCALE

A2 CLASS B PIPE BEDDING
NO SCALE



James R. Warner, P.E.
P.E. No. 032950, GA



| ISSUE DATE: | DESIGNED BY: | CHECKED BY: | DATE |
|-------------------|--------------|---------------|-------------|
| 05/20/2019 | J. WARNER | B. MATTHEWS | |
| SOLICITATION NO.: | PROJECT NO.: | CONTRACT NO.: | DESCRIPTION |
| | | | |
| | | FILE NUMBER: | MARK |
| | | FILE NAME: | |
| | | SIZE: | |
| | | ANSI D: | |

DESIGNED BY: J. WARNER
 CHECKED BY: B. MATTHEWS
 SUBMITTED BY: S. BAILEY
 FILE NAME: 470564-C-500.dwg
 SIZE: 470564-C-500.dwg

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

TETRA TECH, INC.
 5800 PARKWAY, SUITE 300
 LOUISVILLE, KENTUCKY 40202
 PH: (502) 264-4000
 FAX: (502) 264-4008
 WWW.TETRA-TECH.COM

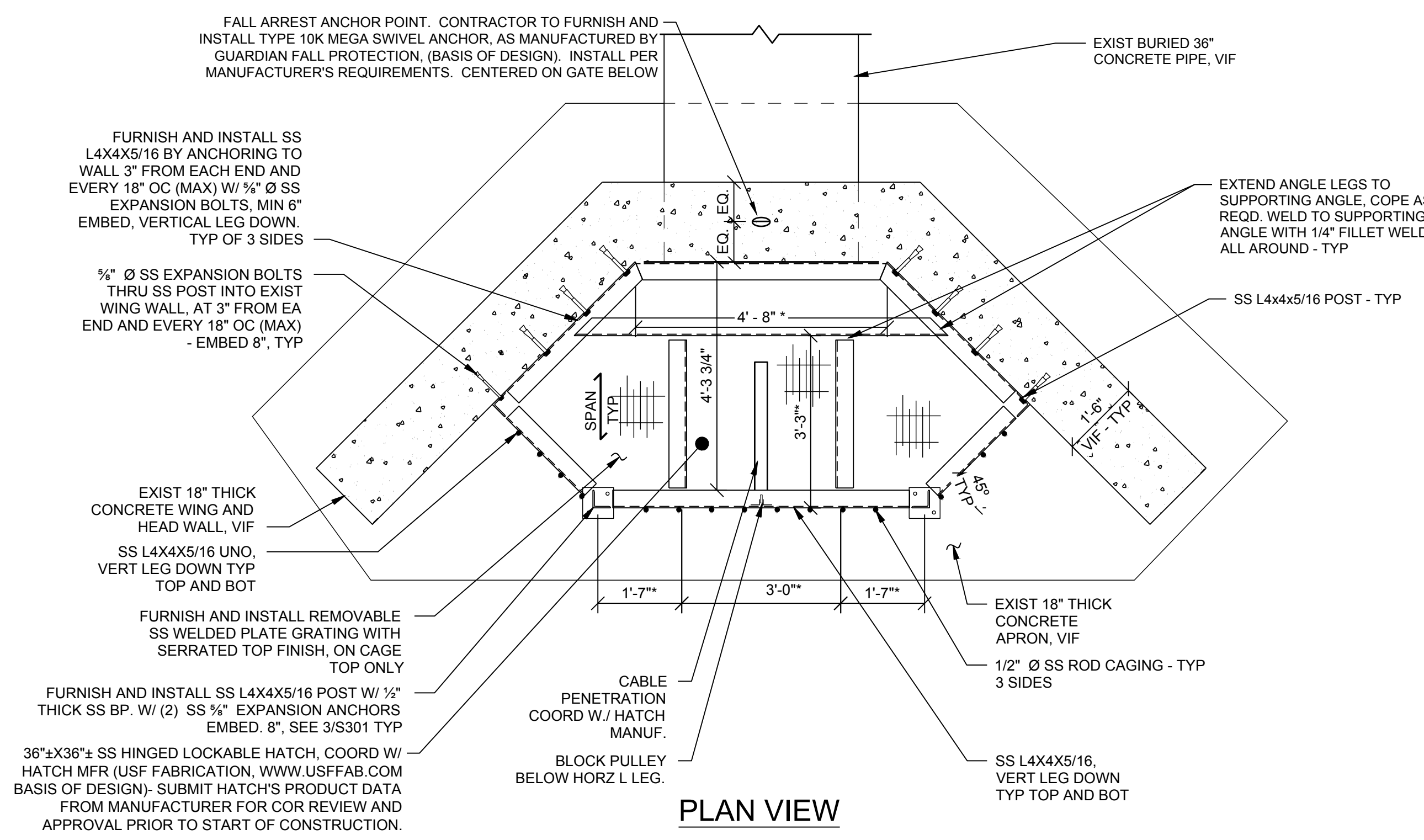
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470564
 CIVIL DETAILS

D

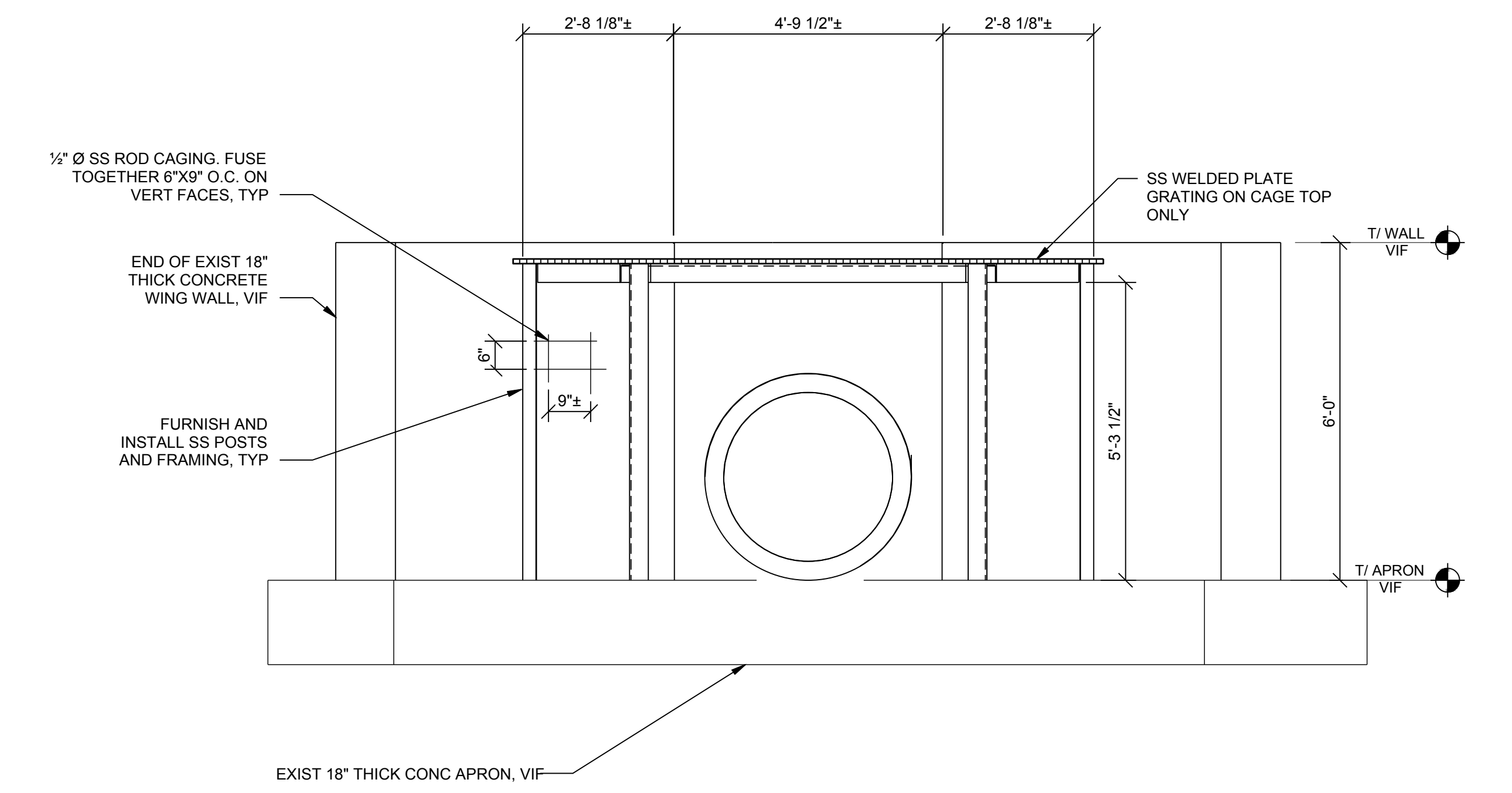
C

B

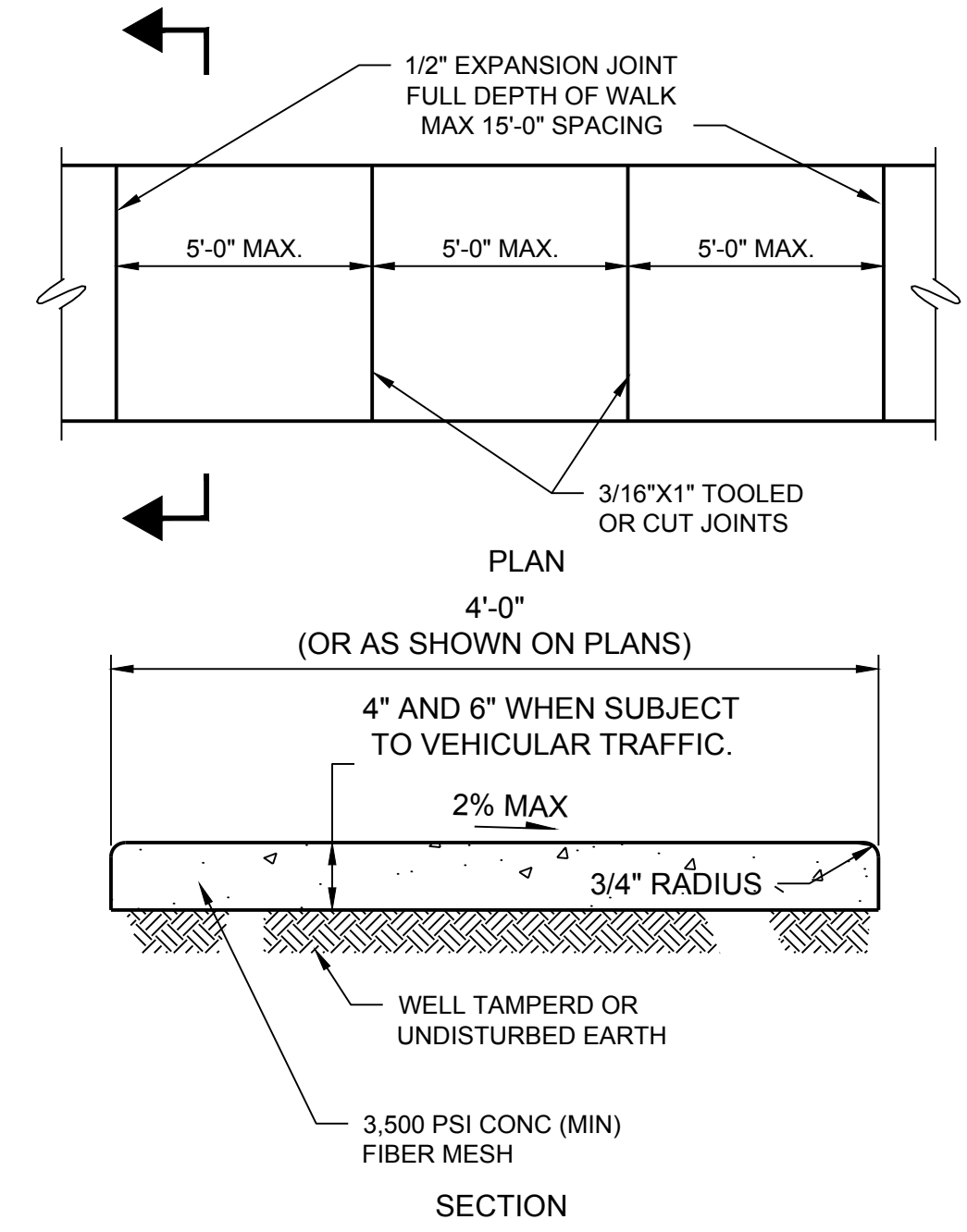
A



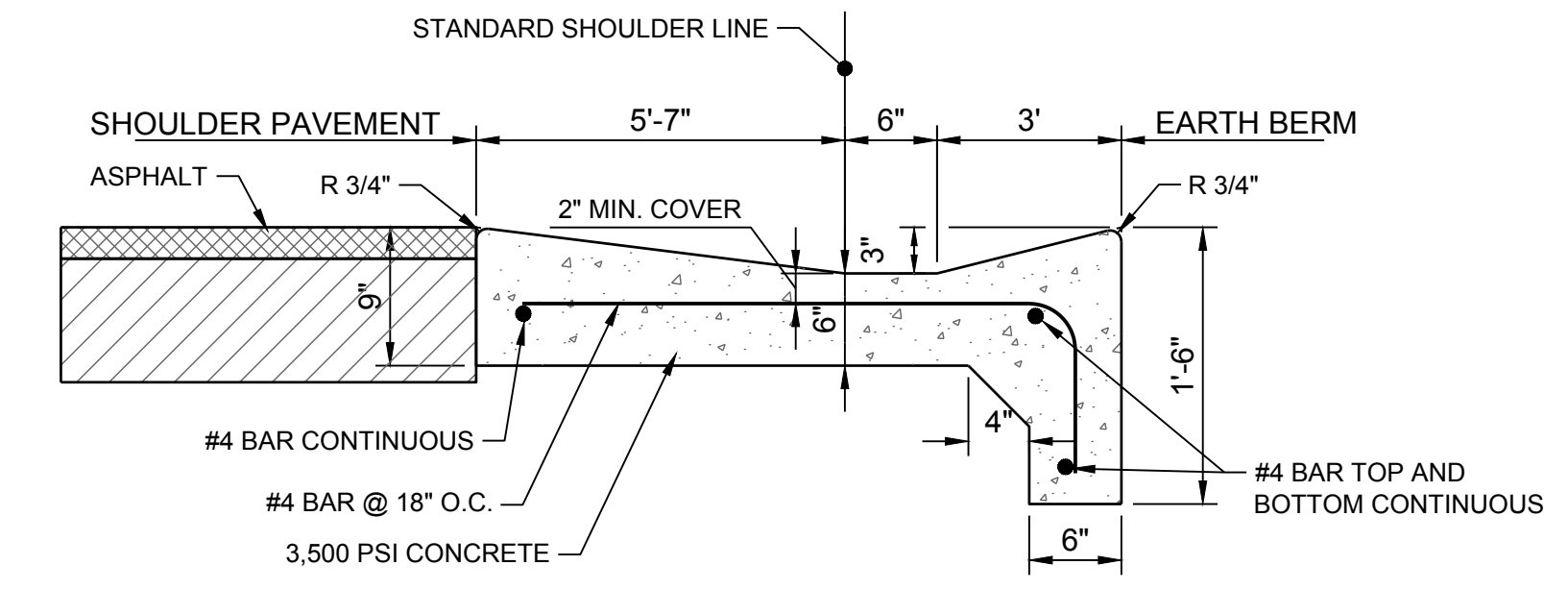
PLAN VIEW



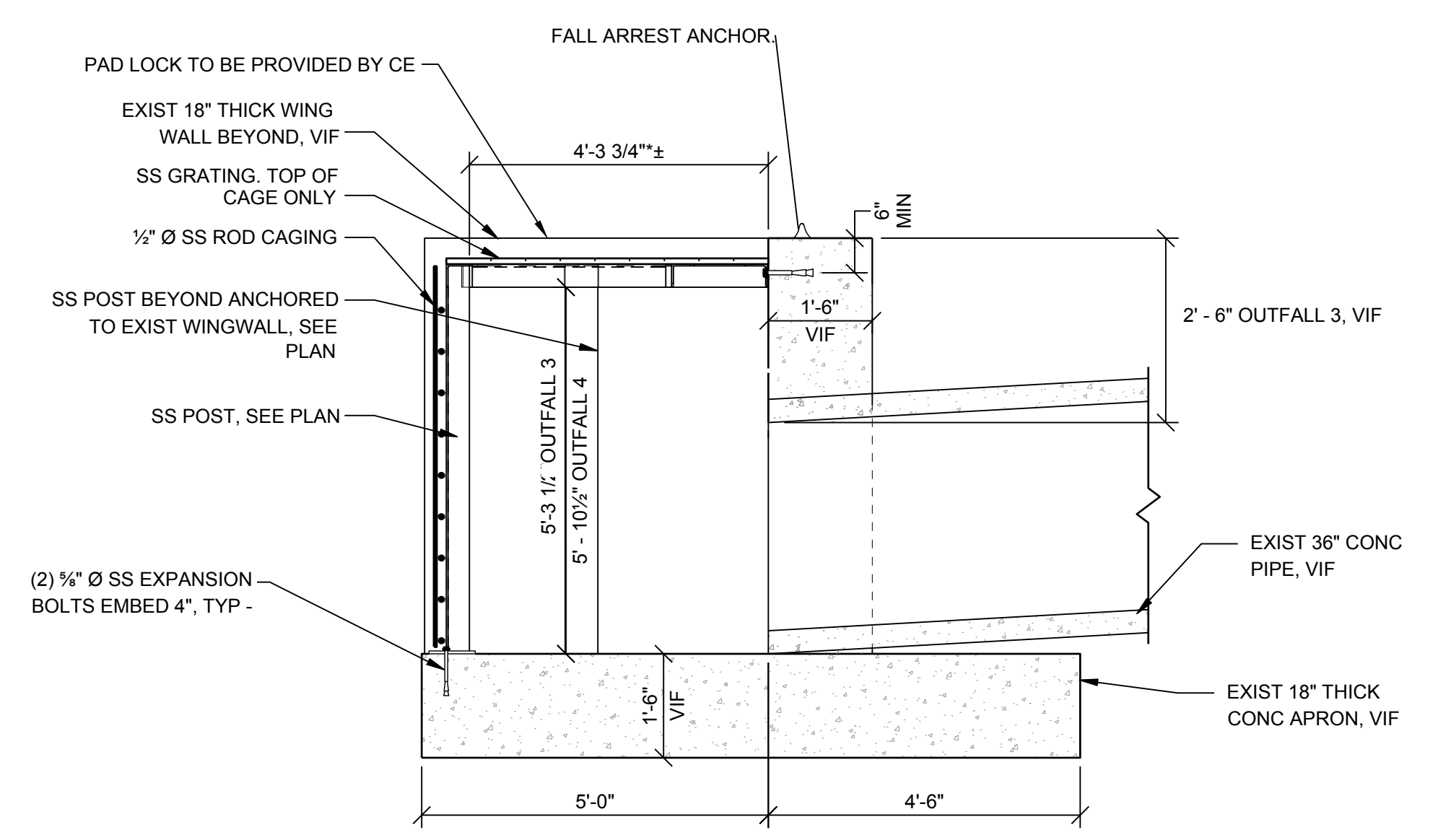
FRONT VIEW



A1 CONCRETE WALK
NO SCALE



A2 SHOULDER GUTTER
NO SCALE



SIDE VIEW

A4 HEADWALL WITH SECURITY GRATE
SCALE: 1/2" = 1'-0"

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES R. WARNER
5-20-11

| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |
| | | |
| | | |

| | | | |
|------------------------|-------------------------|-------------------------|------------------------------|
| ISSUE DATE: 05/20/2019 | SOLICITATION NO.: | CONTRACT NO.: | FILE NUMBER: |
| DESIGNED BY: J. WARNER | CHECKED BY: B. MATTHEWS | SUBMITTED BY: S. BAILEY | FILE NAME: 470320B-C-500.dwg |

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

TETRA TECH, INC.
Louisville, Kentucky 40202
3800 PARSONS LANE
FLORENCE, KY 40302
P: 502.254.2000
F: 502.254.1856
www.tetra-tech.com

POND

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470320B

CIVIL DETAILS

SHEET ID
C-502

FILE PATH: O:\PROJECTS\SCORLANDOIER\11652\200-11652-18007\CAD\SHEET FILES\470320B-C-500_PLOTTED_05/20/2019 BY: MATTHEWS, RUSS

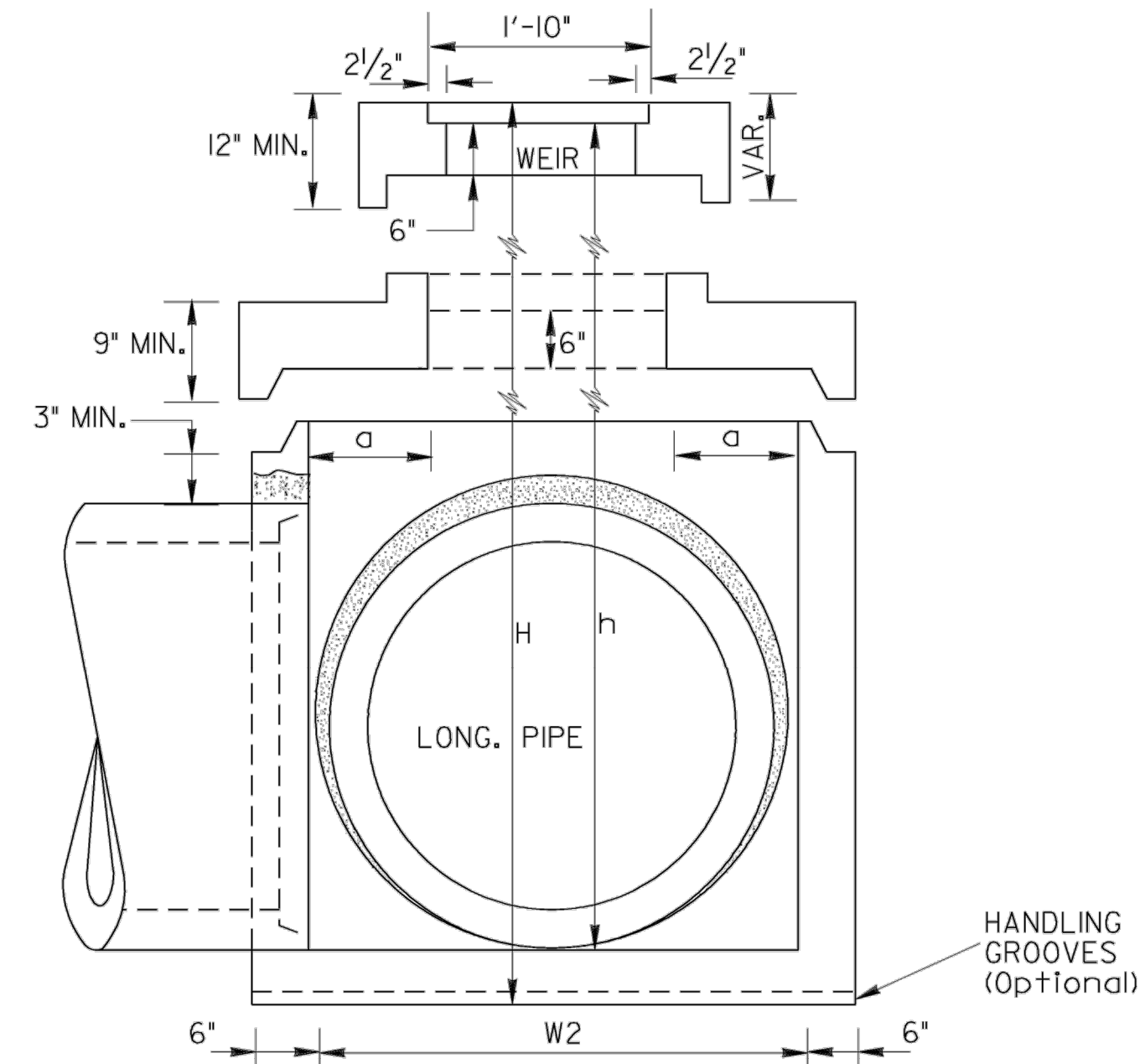
D

C

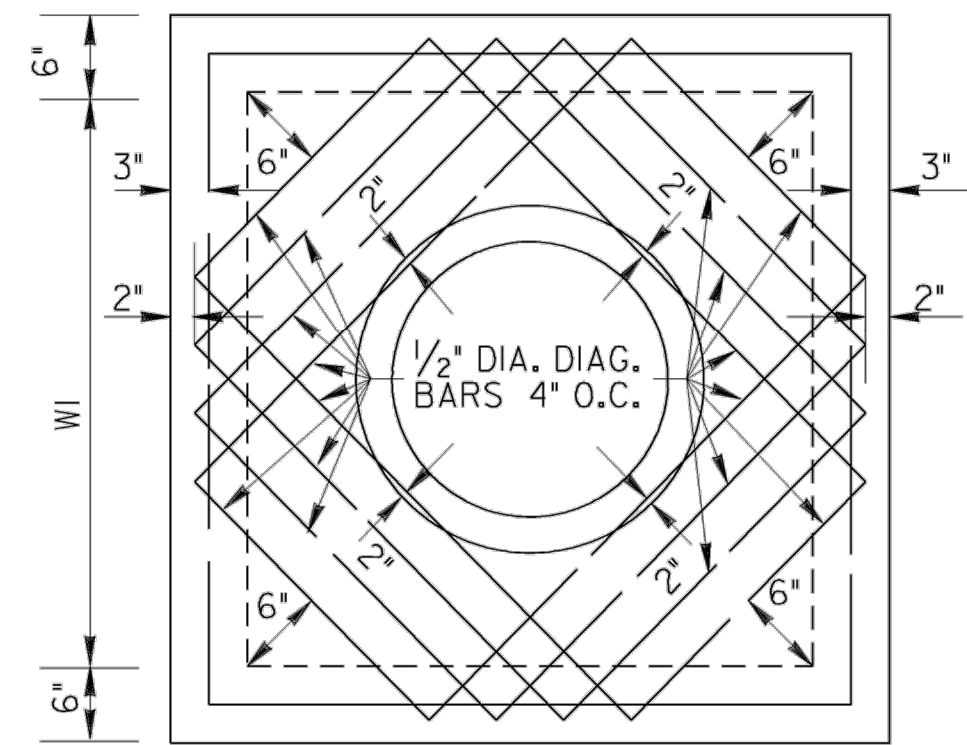
B

A

TYPE "C"



HANDLING GROOVES (Optional)



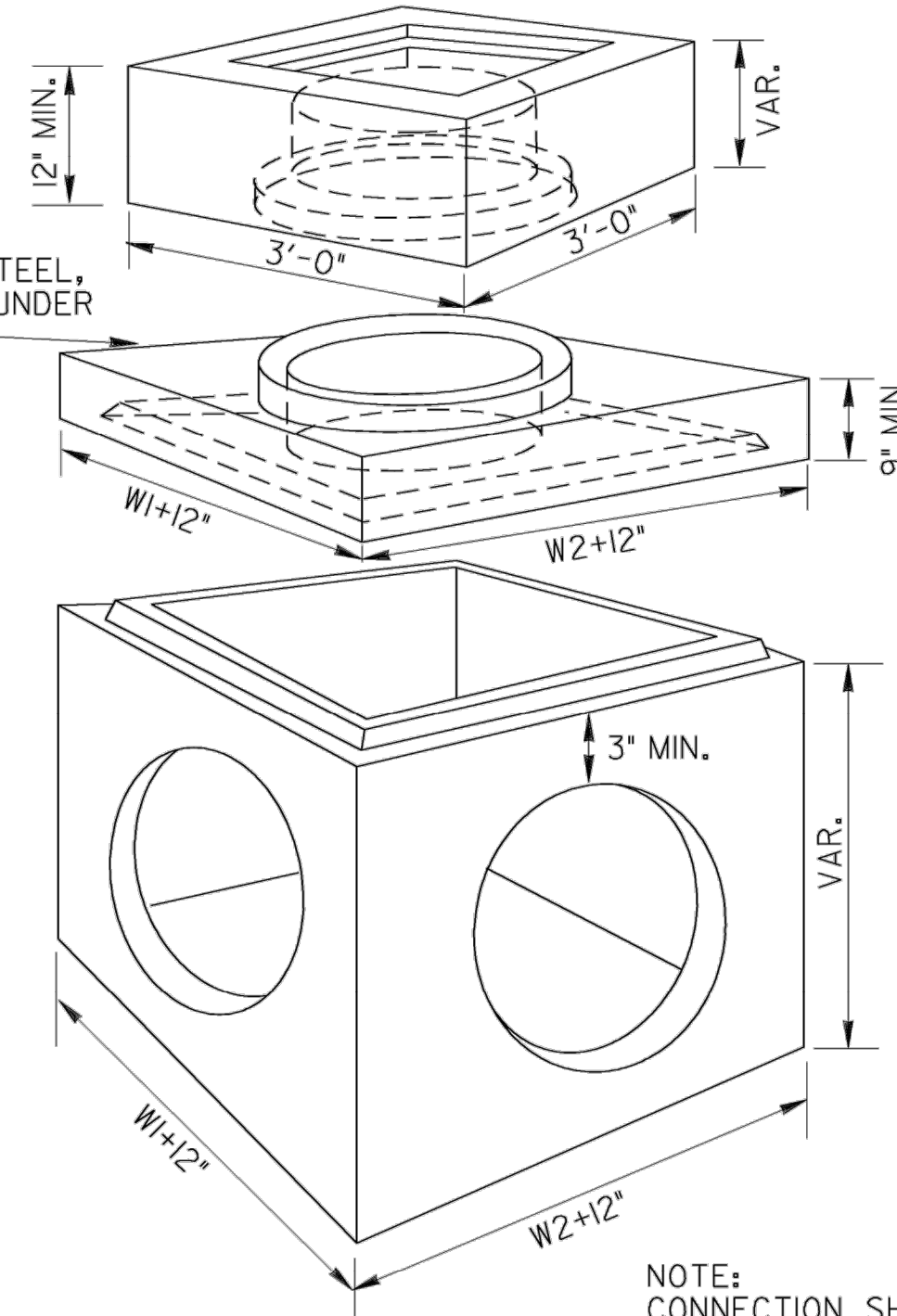
SCALE: 3/4" = 1'

| PIPE SIZE | TYPE "C" | | | |
|-----------|----------|--------|------------|-----------|
| | W1 or W2 | a | MIN. h | MIN. H |
| 15" | 2'- 0" | | 2'-7" | 3'-3 1/2" |
| 18" | 2'- 0" | | 2'-10" | 3'-6 1/2" |
| 24" | 3'- 0" | 0'- 6" | 4'- 3 1/2" | 5'- 0" |
| 30" | 3'- 6" | 0'- 9" | 4'-10 1/2" | 5'- 7" |
| 36" | 4'- 0" | 1'- 0" | 5'- 5 1/2" | 6'- 2" |
| 42" | 4'- 6" | 1'- 3" | 6'-1 1/2" | 6'- 8" |
| 48" | 5'- 0" | 1'- 6" | 6'- 7 1/2" | 7'- 3" |
| 54" | 5'- 6" | 1'- 9" | 7'- 2 1/2" | 7'-10" |
| 60" | 6'- 0" | 2'- 0" | 7'- 9 1/2" | 8'- 5" |

NOTE:

- STRUCTURES WITHIN 250 FT OF RUNWAY CENTERLINE AND 50 FT OF EDGE OF PAVEMENT OF TAXIWAY PRECAST STRUCTURES ARE TO BE DESIGNED FOR A MINIMUM AIRCRAFT WHEEL LOAD OF 84,000 LB AND TIRE PRESSURE OF 95 PSI AND MEET THE MINIMUM REQUIREMENTS OF ASTM C478.
- STRUCTURES WITHIN 250 FT OF RUNWAY CENTERLINE AND 50 FT OF EDGE OF PAVEMENT OF TAXIWAY DRAIN CASTINGS SHALL BE CAST IRON AND BE AIRPORT RATED AND MEET THE MINIMUM AIRCRAFT WHEEL LOAD OF 840,000 LB AND TIRE PRESSURE OF 95 PSI.

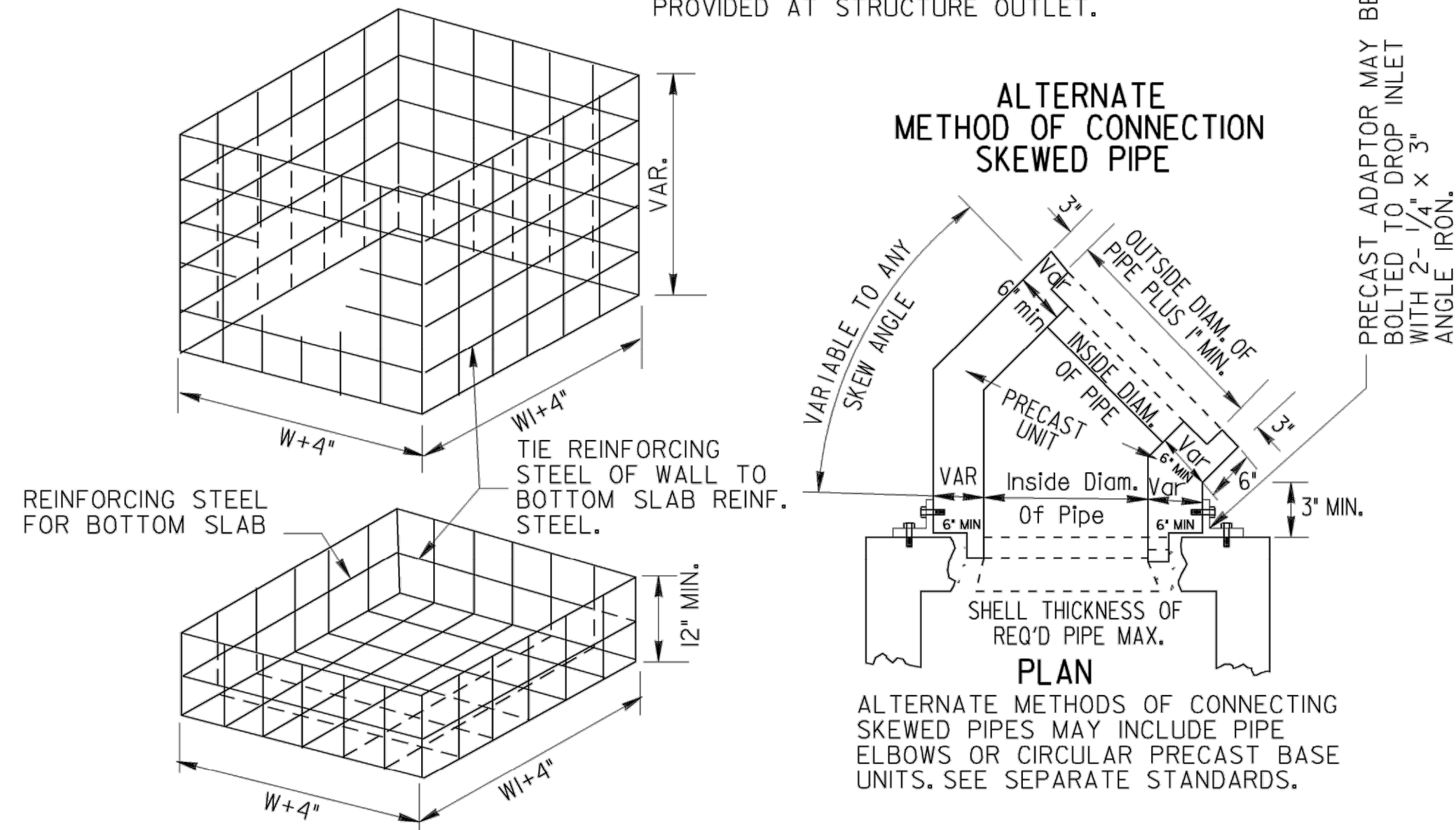
ISOMETRIC VIEW OF DROP INLET TYPE "C" OR "E" FOR PIPES LARGER THAN 18" (WITH OR WITHOUT WEIR)



NOTE: FOR REINF. STEEL, SEE DETAIL UNDER TYPE "C"

NOTE: CONNECTION SHOWN ABOVE FOR USE WHERE CONCRETE OUTLET PIPE DOES NOT HAVE BELL OR HUB END PROVIDED AT STRUCTURE OUTLET.

ALTERNATE METHOD OF CONNECTION SKEWED PIPE



ALTERNATE METHODS OF CONNECTING SKEWED PIPES MAY INCLUDE PIPE ELBOWS OR CIRCULAR PRECAST BASE UNITS. SEE SEPARATE STANDARDS.

NOTE: REINFORCING STEEL SHALL BE No. 4 STEEL BARS AT 12" O.C. BOTH WAYS OR EQUIVALENT WIRE FABRIC REINFORCING.

SPECIAL NOTE: STANDARD IO19A INLETS ARE FOR USE AT LOW POINTS AND WHERE HYDRAULIC LOW CAPACITY GRATES ARE SUFFICIENT. WHERE HIGHER CAPACITY GRATES ARE NEEDED ON A CONTINUOUS GRADE, STANDARD IO19B IS RECOMMENDED.

METHOD OF CONNECTING PIPE

STEP 1

CUT CONCRETE PIPE LEAVING APPROXIMATELY 3" OF REINFORCING MESH EXPOSED.

STEP 2

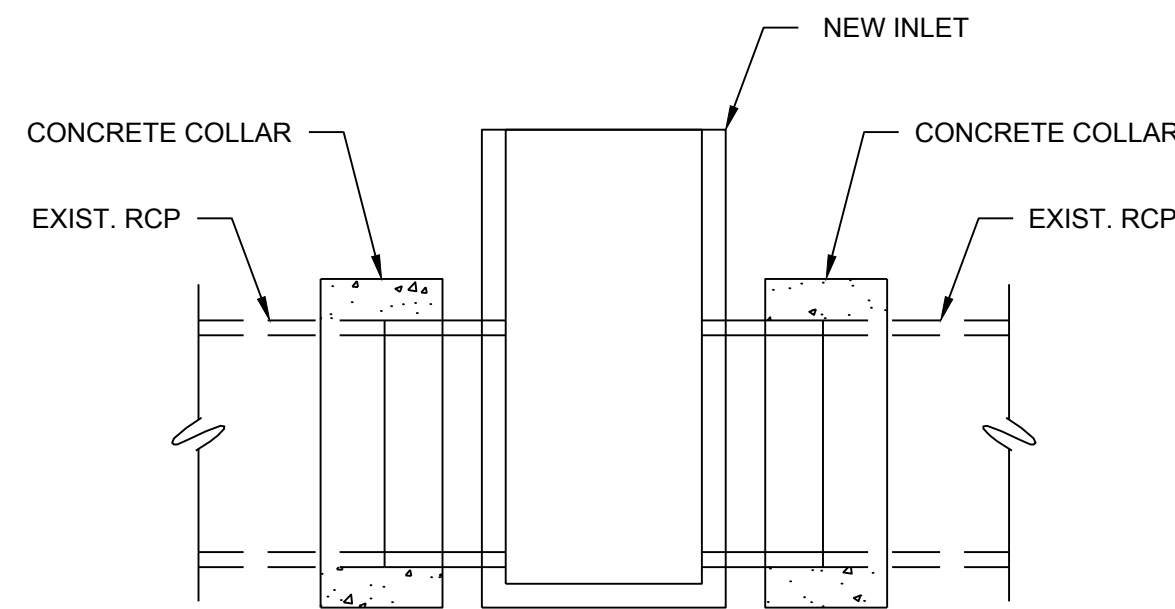
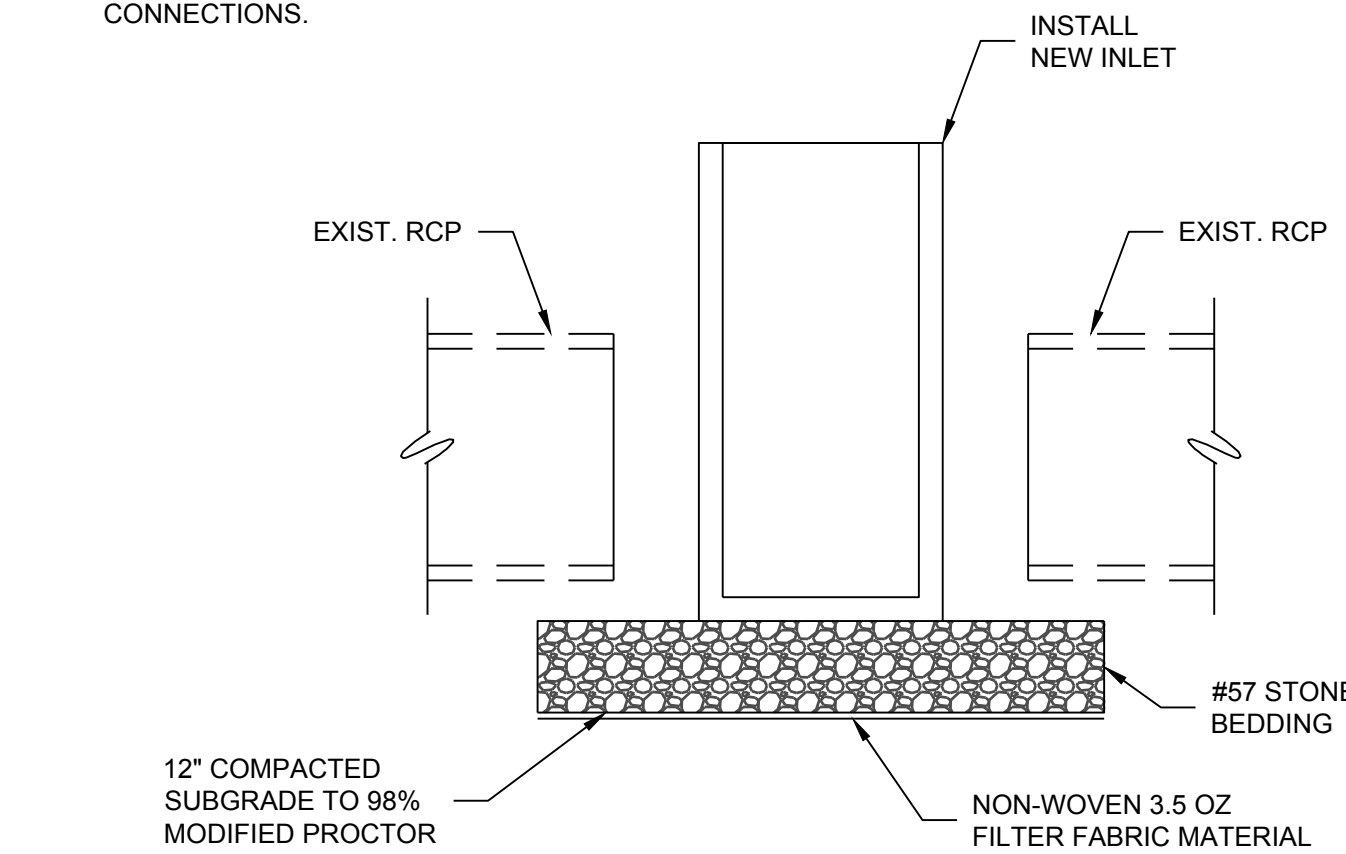
POSITION PIPE APPROXIMATELY 3" INTO OPENING OF WALL.

STEP 3

POSITION CONICAL CORE INSIDE OF PIPE AND SEAL WITH GROUT (1/2" MIN. THICKNESS OF GROUT). REMOVE CORE WHEN SET AND RUB GROUT TO SEAL JOINTS.

NOTES:

- SEE PLAN FOR PIPE SIZE, INVERTS AND LOCATIONS.
- CONTRACTOR SHALL CUT PIPES AT MANHOLE BOXES. PROVIDE NEW PIPE STUBS INTO THE STRUCTURES AND CONCRETE COLLAR AT ALL NEW PIPE CONNECTIONS.



INSTALLATION OF NEW INLET AT EXISTING PIPE

NO SCALE

(AT ALL NEW STRUCTURES ADDED IN EXISTING CULVERT SECTIONS)

A1

PRECAST DROP INLET (DI)

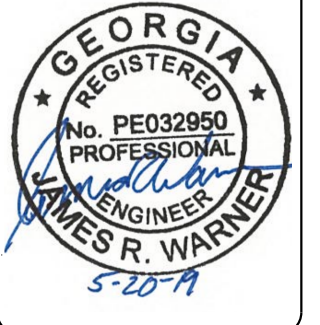
NO SCALE (GDOT)

A2



US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA



| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |
| | | |
| | | |

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
DESIGNED BY: J. WARNER
CHECKED BY: B. MATTHEWS
SUBMITTED BY: S. BAILEY
FILE NUMBER:
FILE NAME: 470564-C-500.dwg
ANSI

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

TETRA TECH, INC.
Louisville, Kentucky 40202
5800 PARSONS AVE.
Phone: 502-254-4200
www.tetra-tech.com

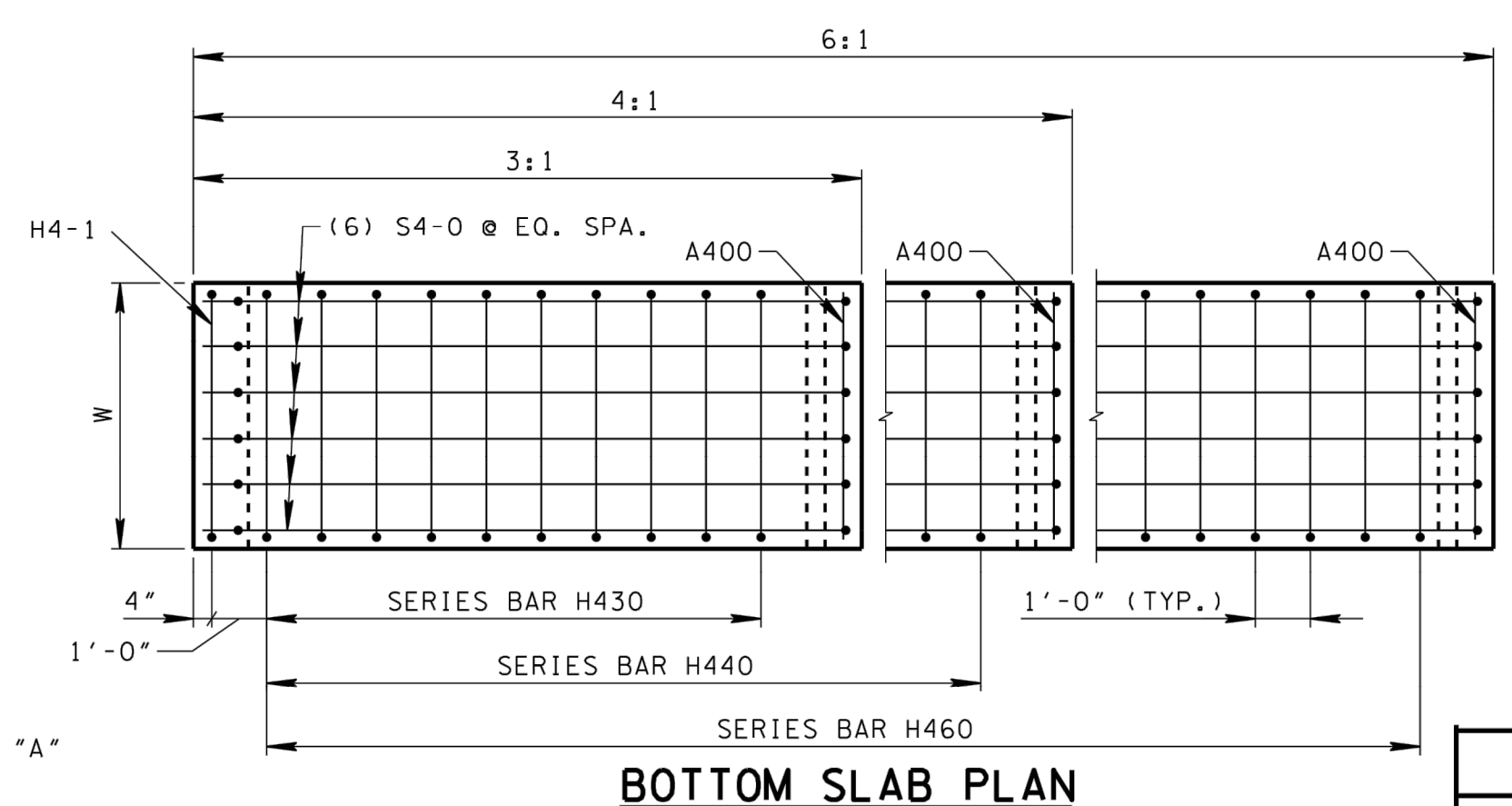
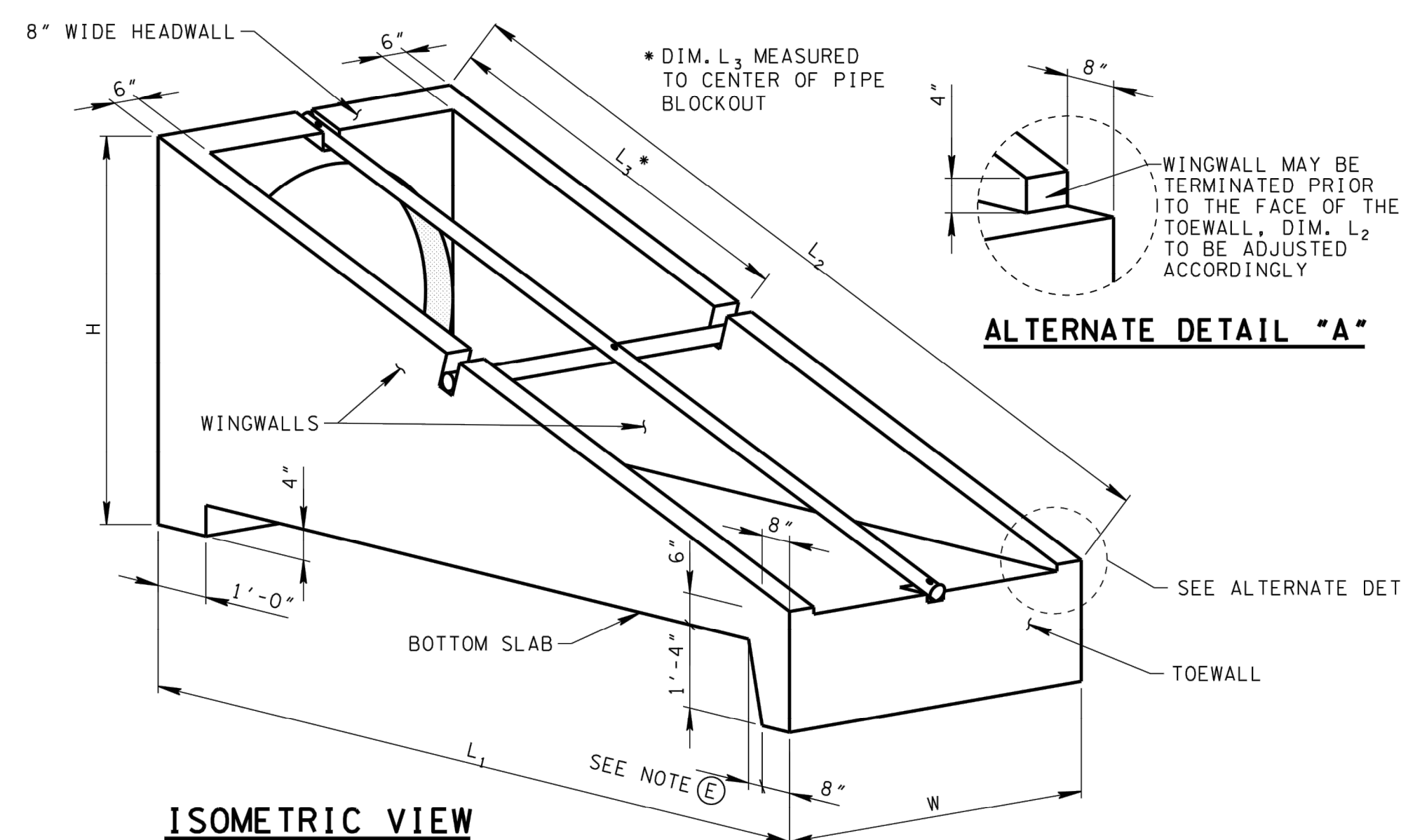
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

CIVIL DETAILS

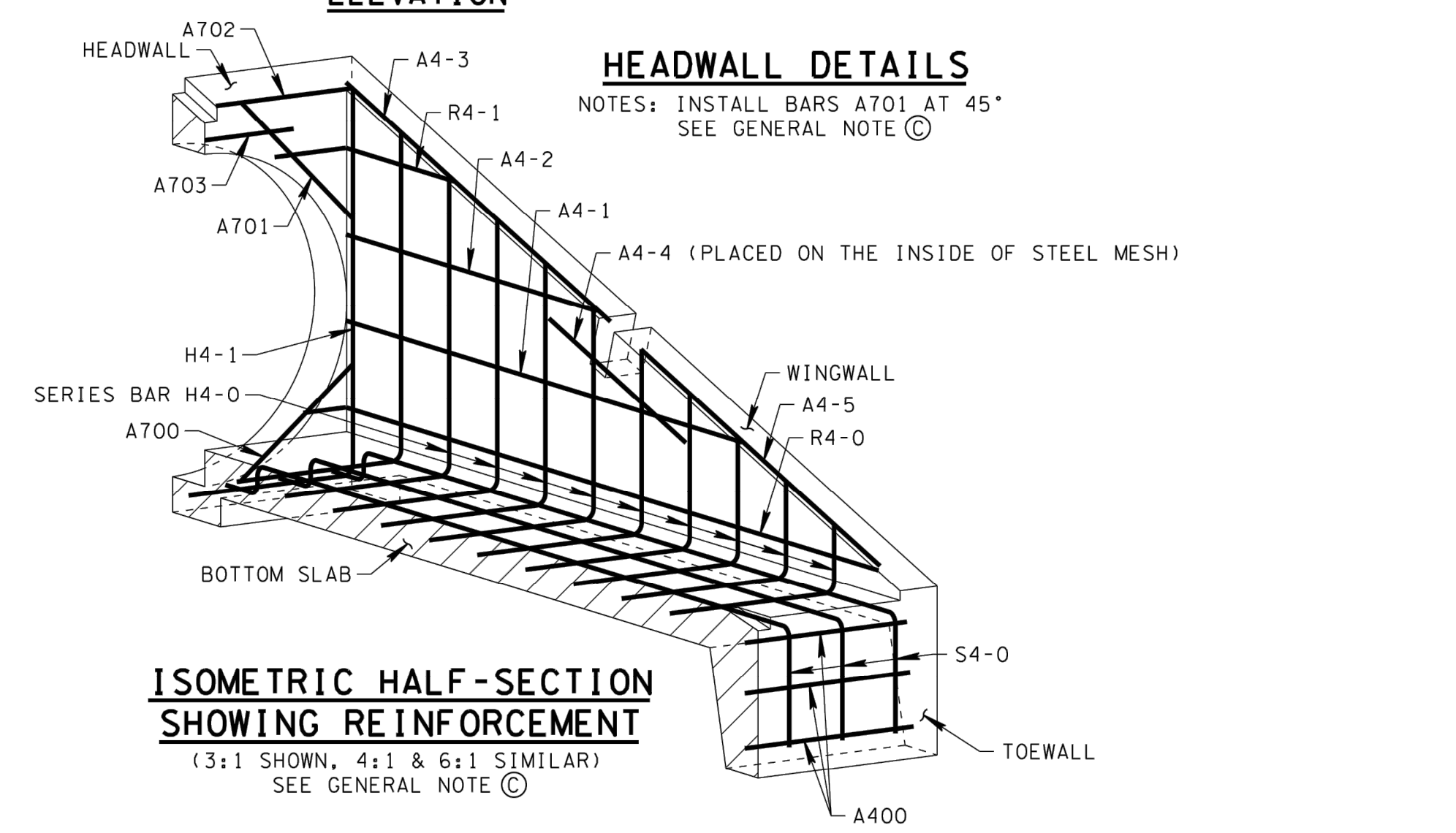
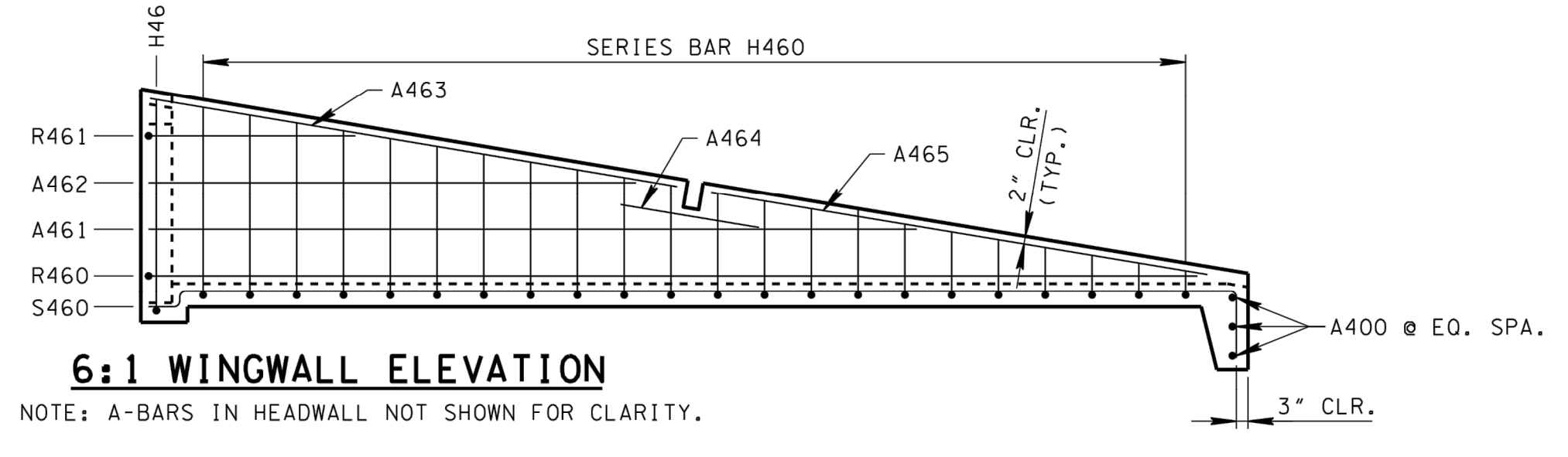
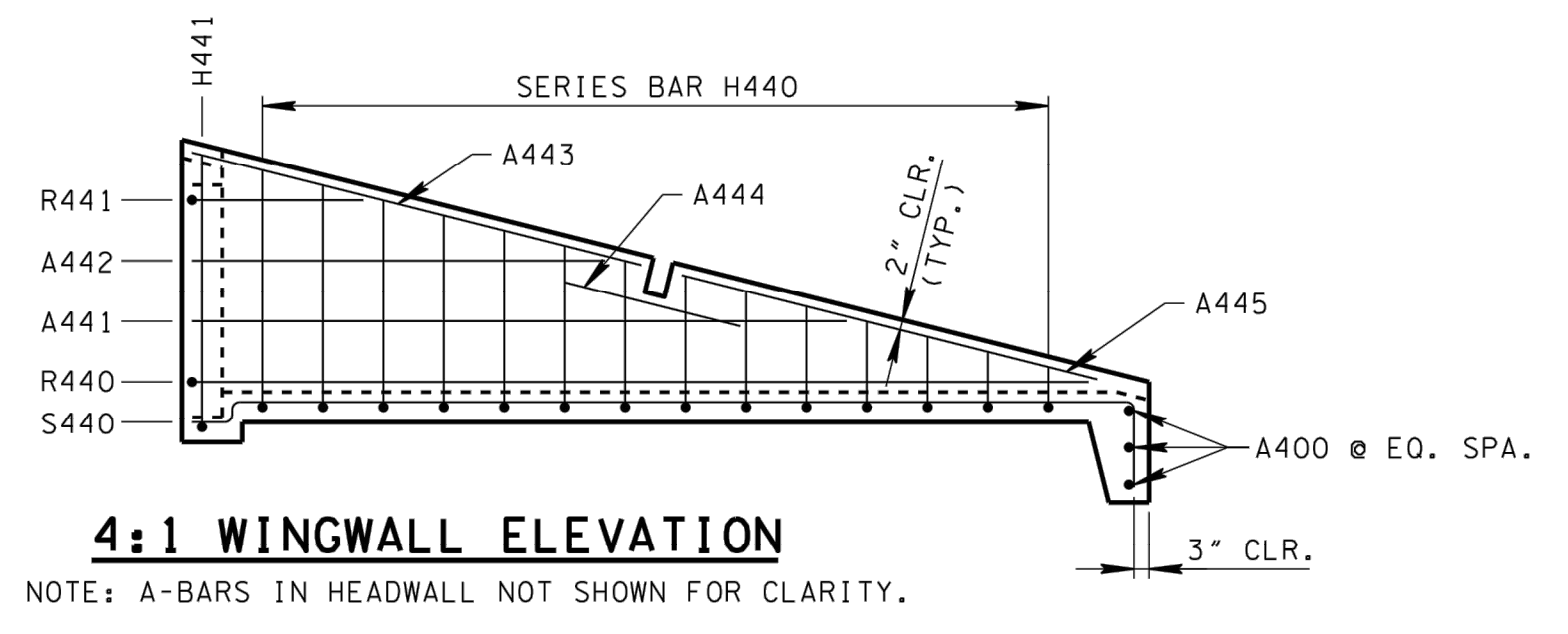
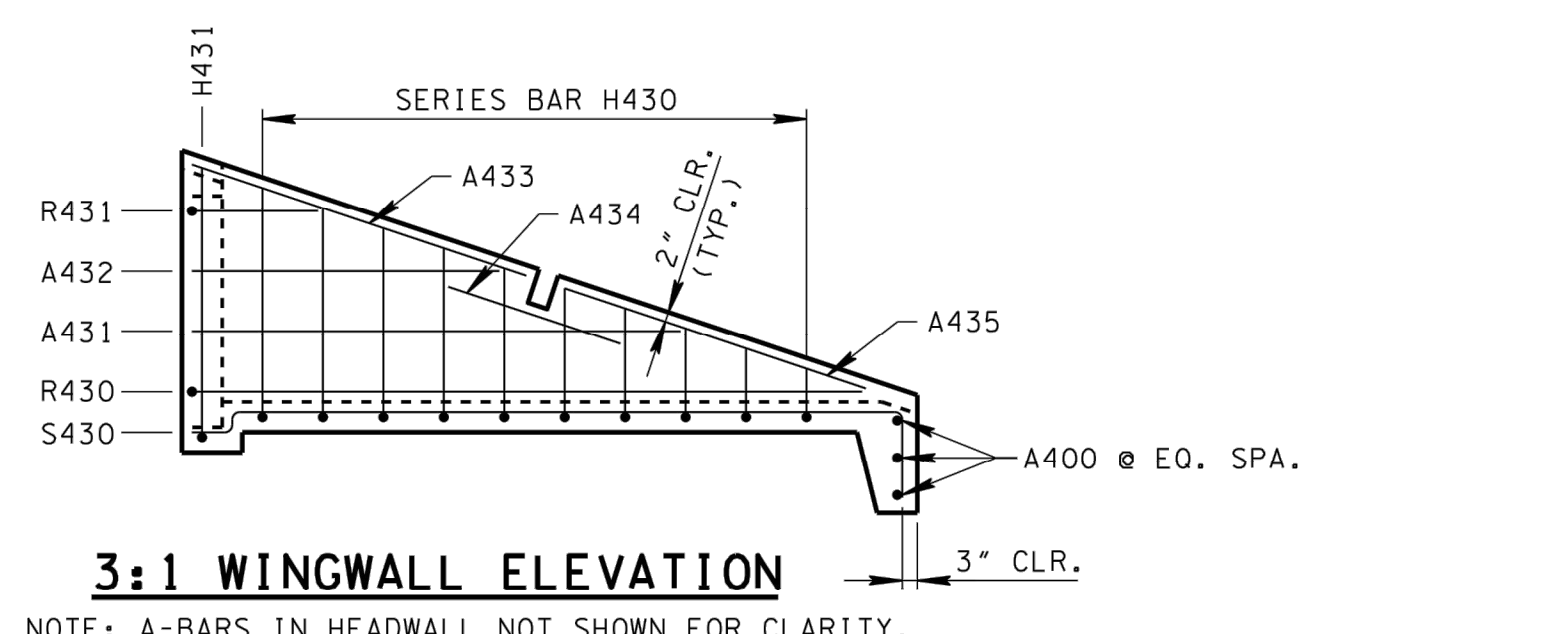
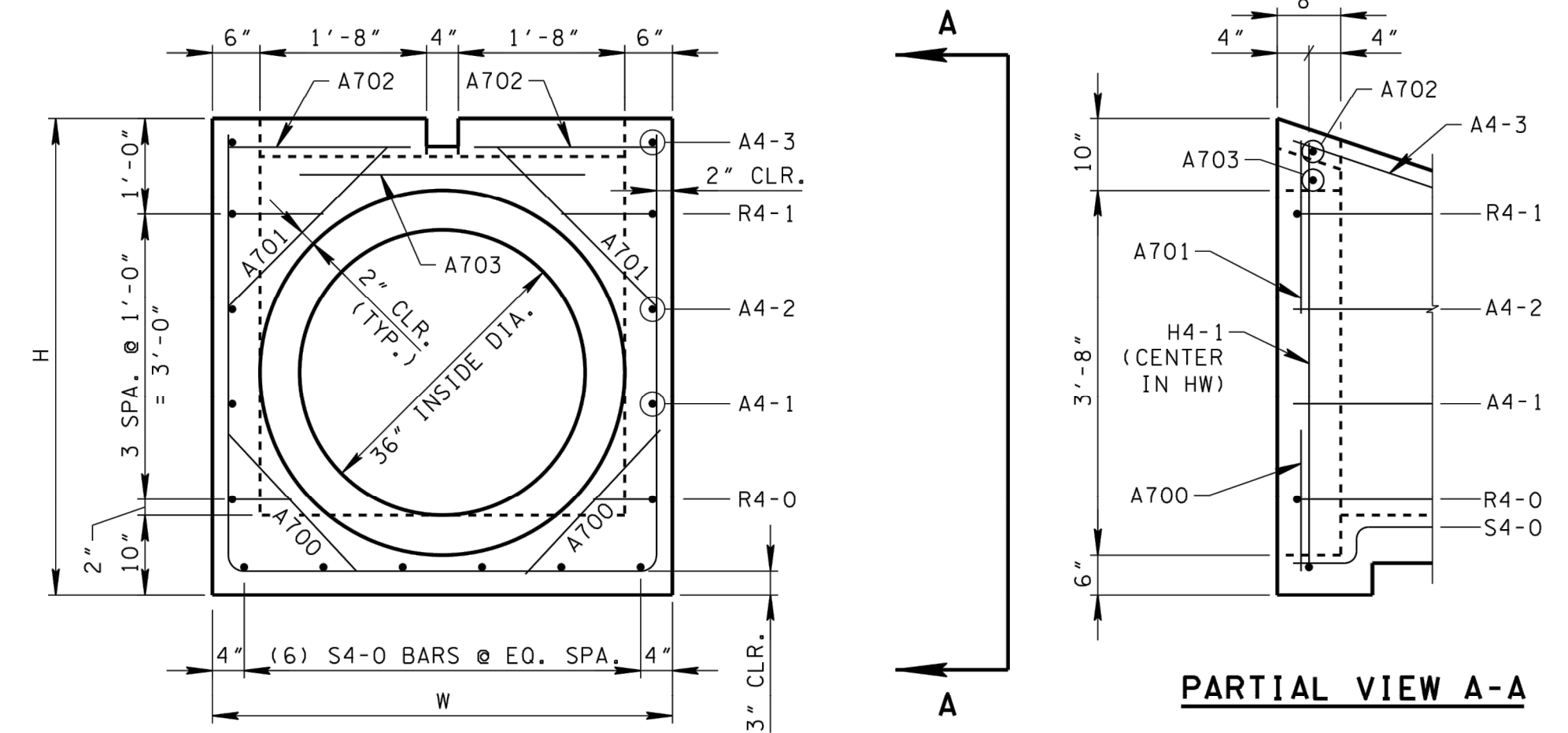
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564

SHEET ID

C-503



- GENERAL NOTES**
- (A) DRAWING TO BE USED FOR ALL CAST-IN-PLACE AND ALL PRECAST 36" CONCRETE ENDWALLS (TYPE "U") FOR CROSS DRAINS ONLY. "U" ENDWALL TO BE PLACED AT 90° SKEW TO CENTERLINE.
 - (C) "-" IN BAR DESIGNATION REPRESENTS 3, 4 OR 6 FOR 3:1, 4:1 OR 6:1 SLOPES, RESPECTIVELY.
 - (D) SPLICING OF REINFORCEMENT IS ACCEPTABLE PROVIDED THAT A MINIMUM 21" SPLICE LENGTH IS USED.
 - (E) TOEWALL BACK SLOPE MAY BE CONSTRUCTED VARIABLE FROM VERTICAL UP TO 15°.
 - (C) THE CONTRACTOR MAY ELECT TO SUBSTITUTE AN APPROVED ALTERNATIVE DESIGN.



| SLOPE | DIMENSIONS AND QUANTITIES FOR ONE ENDWALL 36" PIPE | | | | | | | | | |
|-------|--|----------------|----------------|----------------|---------|----------------------------------|---------|-------------------------|----------------------|----------------------|
| | CONCRETE ENDWALL DIMENSIONS | | | | | STRUCTURAL STEEL PIPE DIMENSIONS | | ESTIMATED QUANTITIES | | |
| | H | L ₁ | L ₂ | L ₃ | W | LG | WG | CLASS "A" CONC. CU. YD. | STEEL BAR REINF. LB. | STRUCTURAL STEEL LB. |
| 4:1 | 5' - 0" | 16' - 0" | 16' - 5 1/2" | 8' - 2 1/2" | 4' - 8" | | 4' - 8" | 3.08 | 276 | 160 |

A1 ENDWALL - 36" PIPE
 NO SCALE (GDOT)

NOTE:
 SEE SHEET C-505 FOR BILL OF STEEL.

US Army Corps of Engineers
 Louisville District

James R. Warner, P.E.
 P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
 No. PE032950
 JAMES R. WARNER
 5-20-19

| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |

ISSUE DATE: 05/20/2019

DESIGNED BY: J. WARNER
 CHECKED BY: B. MATTHEWS
 SUBMITTED BY: S. BAILEY
 FILE NAME: 470564-C-500.dwg

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

TETRA TECH, INC.
 5800 PARSONS AVE.
 LOUISVILLE, KENTUCKY 40202
 502.254.4200
 www.tetra-tech.com

PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470564

CIVIL DETAILS

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA

SHEET ID
C-504

BILL OF STEEL (GDOT)

| CODE NO. | LOCATION | BAR SIZE | 3:1 WINGWALL SLOPE | | | | | | 4:1 WINGWALL SLOPE | | | | | | 6:1 WINGWALL SLOPE | | | | | | |
|-------------|------------------------|----------|---|-------------|---------|---------|-----------|--------------|--------------------|-------------|---------|---------|-----------|--------------|--------------------|---------|---------|---|--------------|----------|--|
| | | | BENDING DIMENSIONS | | | | NO. REQ'D | LENGTH | BENDING DIMENSIONS | | | | NO. REQ'D | LENGTH | BENDING DIMENSIONS | | | | NO. REQ'D | LENGTH | |
| | | | a | b | c | d | | | a | b | c | d | | | a | b | c | d | | | |
| A400 | TOEWALL | 4 | 4' - 4" | - | - | - | 3 | 4' - 4" | 4' - 4" | - | - | - | 3 | 4' - 4" | 4' - 4" | - | - | - | 3 | 4' - 4" | |
| A431 | WINGWALLS | 4 | 8' - 1" | - | - | - | 2 | 8' - 1" | - | - | - | - | - | - | - | - | - | - | - | - | |
| A432 | WINGWALLS | 4 | 5' - 1" | - | - | - | 2 | 5' - 1" | - | - | - | - | - | - | - | - | - | - | - | - | |
| A433 | WINGWALLS | 4 | 5' - 9 1/2" | - | - | - | 2 | 5' - 9 1/2" | - | - | - | - | - | - | - | - | - | - | - | - | |
| A434 | WINGWALLS | 4 | 3' - 0" | - | - | - | 2 | 3' - 0" | - | - | - | - | - | - | - | - | - | - | - | - | |
| A435 | WINGWALLS | 4 | 5' - 4" | - | - | - | 2 | 5' - 4" | - | - | - | - | - | - | - | - | - | - | - | - | |
| A441 | WINGWALLS | 4 | - | - | - | - | - | - | 10' - 10" | - | - | - | 2 | 10' - 10" | - | - | - | - | - | - | |
| A442 | WINGWALLS | 4 | - | - | - | - | - | - | 6' - 10" | - | - | - | 2 | 6' - 10" | - | - | - | - | - | - | |
| A443 | WINGWALLS | 4 | - | - | - | - | - | - | 7' - 7 1/2" | - | - | - | 2 | 7' - 7 1/2" | - | - | - | - | - | - | |
| A444 | WINGWALLS | 4 | - | - | - | - | - | - | 3' - 0" | - | - | - | 2 | 3' - 0" | - | - | - | - | - | - | |
| A445 | WINGWALLS | 4 | - | - | - | - | - | - | 7' - 2 1/2" | - | - | - | 2 | 7' - 2 1/2" | - | - | - | - | - | - | |
| A461 | WINGWALLS | 4 | - | - | - | - | - | - | - | - | - | - | - | 16' - 5" | - | - | - | 2 | 16' - 5" | | |
| A462 | WINGWALLS | 4 | - | - | - | - | - | - | - | - | - | - | - | 10' - 5" | - | - | - | 2 | 10' - 5" | | |
| A463 | WINGWALLS | 4 | - | - | - | - | - | - | - | - | - | - | - | 11' - 5 1/2" | - | - | - | 2 | 11' - 5 1/2" | | |
| A464 | WINGWALLS | 4 | - | - | - | - | - | - | - | - | - | - | - | 3' - 0" | - | - | - | 2 | 3' - 0" | | |
| A465 | WINGWALLS | 4 | - | - | - | - | - | - | - | - | - | - | - | 10' - 10" | - | - | - | 2 | 10' - 10" | | |
| A700 | HEADWALL | 7 | 1' - 11" | - | - | - | 2 | 1' - 11" | 1' - 11" | - | - | - | 2 | 1' - 11" | 1' - 11" | - | - | - | 2 | 1' - 11" | |
| A701 | HEADWALL | 7 | 2' - 4" | - | - | - | 2 | 2' - 4" | 2' - 4" | - | - | - | 2 | 2' - 4" | 2' - 4" | - | - | - | 2 | 2' - 4" | |
| A702 | HEADWALL | 7 | 1' - 10" | - | - | - | 2 | 1' - 10" | 1' - 10" | - | - | - | 2 | 1' - 10" | 1' - 10" | - | - | - | 2 | 1' - 10" | |
| A703 | HEADWALL | 7 | 3' - 0" | - | - | - | 1 | 3' - 0" | 3' - 0" | - | - | - | 1 | 3' - 0" | 3' - 0" | - | - | - | 1 | 3' - 0" | |
| SERIES H430 | BOTTOM SLAB & WINGWALL | 4 | 4' - 4" | * | - | - | 1 | 89' - 2" | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | * DIMENSION "b" VARIES FROM 3'-9 1/2" TO 0'-9 1/2" IN INCREMENTS OF 0'-4" (10 BARS) | | | | | | | | | | | | | | | | | | |
| H431 | BOTTOM SLAB & HEADWALL | 4 | 4' - 4" | 4' - 5 1/2" | - | - | 1 | 13' - 3" | - | - | - | - | - | - | - | - | - | - | - | - | |
| SERIES H440 | BOTTOM SLAB & WINGWALL | 4 | - | - | - | - | - | - | 4' - 4" | * | - | - | 1 | 124' - 10" | - | - | - | - | - | - | |
| | | | * DIMENSION "b" VARIES FROM 3'-11" TO 0'-8" IN INCREMENTS OF 0'-3" (14 BARS) | | | | | | | | | | | | | | | | | | |
| H441 | BOTTOM SLAB & HEADWALL | 4 | - | - | - | - | - | - | 4' - 4" | 4' - 6" | - | - | 1 | 13' - 4" | - | - | - | - | - | - | |
| SERIES H460 | BOTTOM SLAB & WINGWALL | 4 | - | - | - | - | - | - | - | - | - | - | - | 4' - 4" | * | - | - | 1 | 195' - 3" | | |
| | | | * DIMENSION "b" VARIES FROM 4'-0 1/4" TO 0'-6 1/4" IN INCREMENTS OF 0'-2" (22 BARS) | | | | | | | | | | | | | | | | | | |
| H461 | BOTTOM SLAB & HEADWALL | 4 | - | - | - | - | - | - | 4' - 4" | 4' - 6 1/4" | - | - | 1 | 13' - 4 1/2" | - | - | - | - | - | - | |
| R430 | HEADWALL & WINGWALL | 4 | 11' - 1" | 0' - 7 1/2" | - | - | 2 | 11' - 8 1/2" | - | - | - | - | - | - | - | - | - | - | - | - | |
| R431 | HEADWALL & WINGWALL | 4 | 2' - 1" | 1' - 0" | - | - | 2 | 3' - 1" | - | - | - | - | - | - | - | - | - | - | - | - | |
| R440 | HEADWALL & WINGWALL | 4 | - | - | - | - | - | - | 14' - 10" | 0' - 7 1/2" | - | - | 2 | 15' - 5 1/2" | - | - | - | - | - | - | |
| R441 | HEADWALL & WINGWALL | 4 | - | - | - | - | - | - | 2' - 10" | 1' - 0" | - | - | 2 | 3' - 10" | - | - | - | - | - | - | |
| R460 | HEADWALL & WINGWALL | 4 | - | - | - | - | - | - | - | - | - | - | - | 22' - 5" | 0' - 7 1/2" | - | - | 2 | 23' - 0 1/2" | | |
| R461 | HEADWALL & WINGWALL | 4 | - | - | - | - | - | - | - | - | - | - | - | 4' - 5" | 1' - 0" | - | - | 2 | 5' - 5" | | |
| S430 | BOTTOM SLAB & TOEWALL | 4 | 11' - 1 1/2" | 0' - 4 1/2" | 0' - 8" | 1' - 5" | 6 | 13' - 7" | - | - | - | - | - | - | - | - | - | - | - | - | |
| S440 | BOTTOM SLAB & TOEWALL | 4 | - | - | - | - | - | - | 14' - 11 1/2" | 0' - 4 1/2" | 0' - 8" | 1' - 5" | 6 | 17' - 5" | - | - | - | - | - | - | |
| S460 | BOTTOM SLAB & TOEWALL | 4 | - | - | - | - | - | - | - | - | - | - | - | 22' - 7 1/2" | 0' - 4 1/2" | 0' - 8" | 1' - 5" | 6 | 25' - 1" | | |

PRECAST NOTES

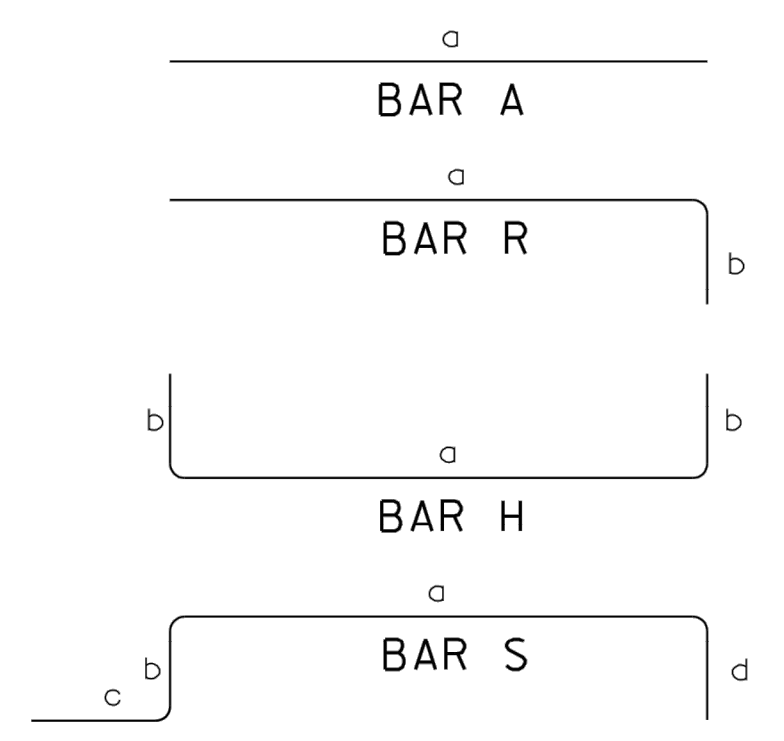
PRECAST UNITS:

THE CONTRACTOR MAY, WITH PERMISSION FROM THE GOV'T, SUBSTITUTE PRECAST ENDWALLS FOR CAST-IN-PLACE ENDWALLS PROVIDED THAT:

- APPROPRIATE SIZING AND LOCATION OF THE LIFTING INSERTS SHALL BE THE RESPONSIBILITY OF THE FABRICATOR TO ASSURE BALANCED HANDLING DURING INSTALLATION OF THE PRECAST ENDWALL.
- THE CONTRACTOR TO PATCH ALL LIFTING INSERT HOLES AND PLACE A MINIMUM OF ONE (1) INCH OF COVER OVER THE HARDWARE OF THESE DEVICES ON BOTH TOP AND BOTTOM SURFACES.
- PAYMENT FOR PRECAST ENDWALLS BASED ON THE QUANTITIES FOR CAST-IN-PLACE ENDWALLS IS ACCEPTABLE.
- PRECAST ENDWALL UNITS WHICH ARE DAMAGED DURING SHIPMENT OR INSTALLATION WILL BE REJECTED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE THE DAMAGED ENDWALL UNITS AT HIS OWN EXPENSE.
- PIPE OPENINGS FOR HEADWALLS ARE BASED ON REINFORCED CONCRETE PIPE WITH TYPE "B" WALL THICKNESS (AASHTO M170).
- ADDITIONAL REINFORCING STEEL NECESSARY TO MAINTAIN THE INTEGRITY OF THE STRUCTURE DURING HANDLING AND PLACEMENT SHALL BE THE RESPONSIBILITY OF THE FABRICATOR.

CONCRETE: Fc=4,500 POUNDS PER SQUARE INCH MINIMUM AT 28 DAYS.
 REINFORCING STEEL: ASTM A615, Fy=60,000 POUNDS PER SQUARE INCH.

REINFORCING STEEL LEGEND



REINFORCING STEEL CODE

| TYPE | SIZE | SERIES |
|------|------|--------|
| A | 5 | 06 |

DIMENSIONS SHOWN ON THIS SHEET ARE OUTSIDE TO OUTSIDE OF BAR.
 STANDARD C.R.S.I. HOOK DETAILS SHALL APPLY, EXCEPT AS NOTED.

NOTE:
 SEE SHEET C-504 FOR DETAIL.

US Army Corps of Engineers
 Louisville District
 James R. Warner, P.E.
 P.E. No. 032950, GA

| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |
| | | |
| | | |

DESIGNED BY: J. WARNER
 CHECKED BY: B. MATTHEWS
 SUBMITTED BY: S. BAILEY
 FILE NUMBER: 470564-C-500.000

ISSUE DATE: 05/20/2019
 SOLICITATION NO.:
 CONTRACT NO.:
 FILE NUMBER:

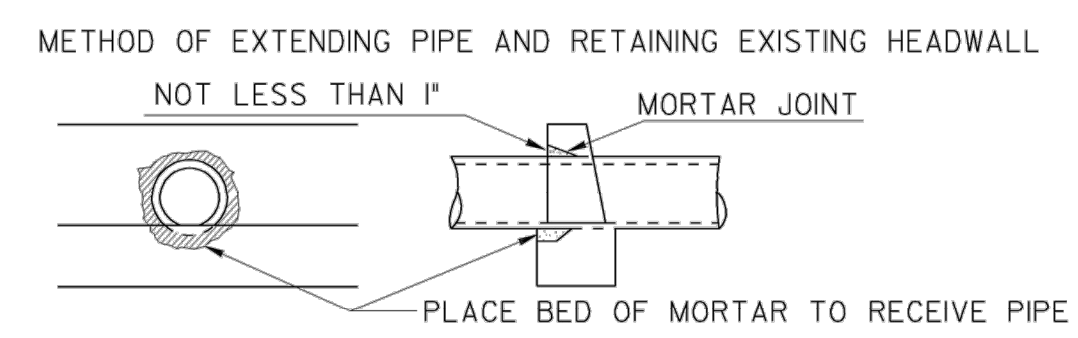
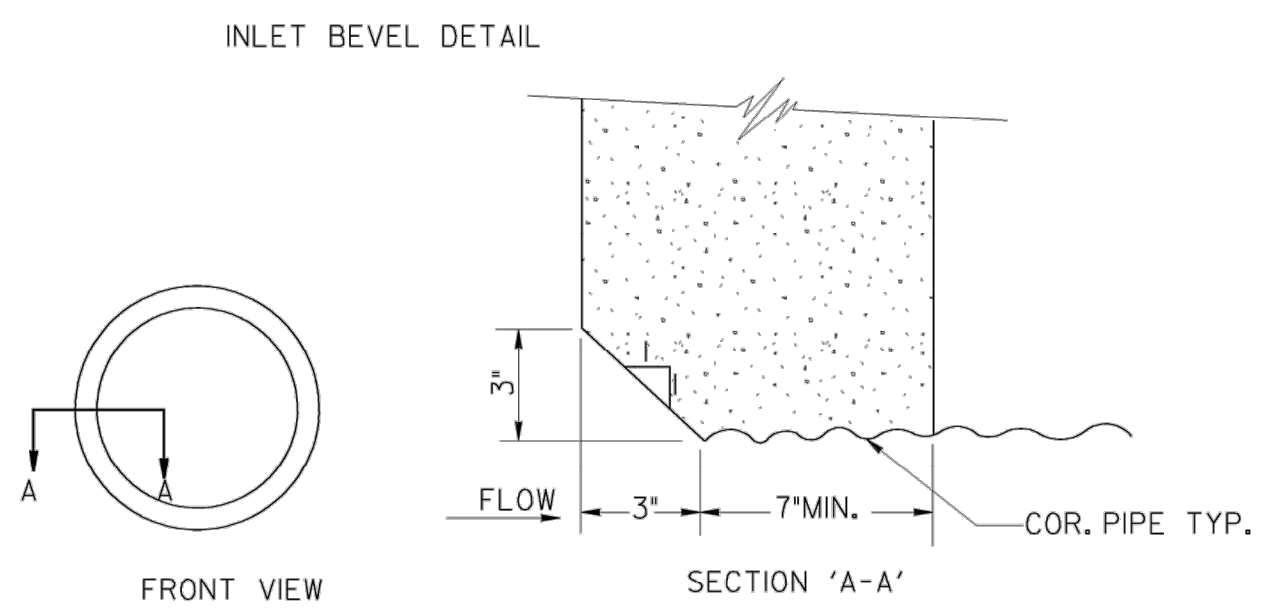
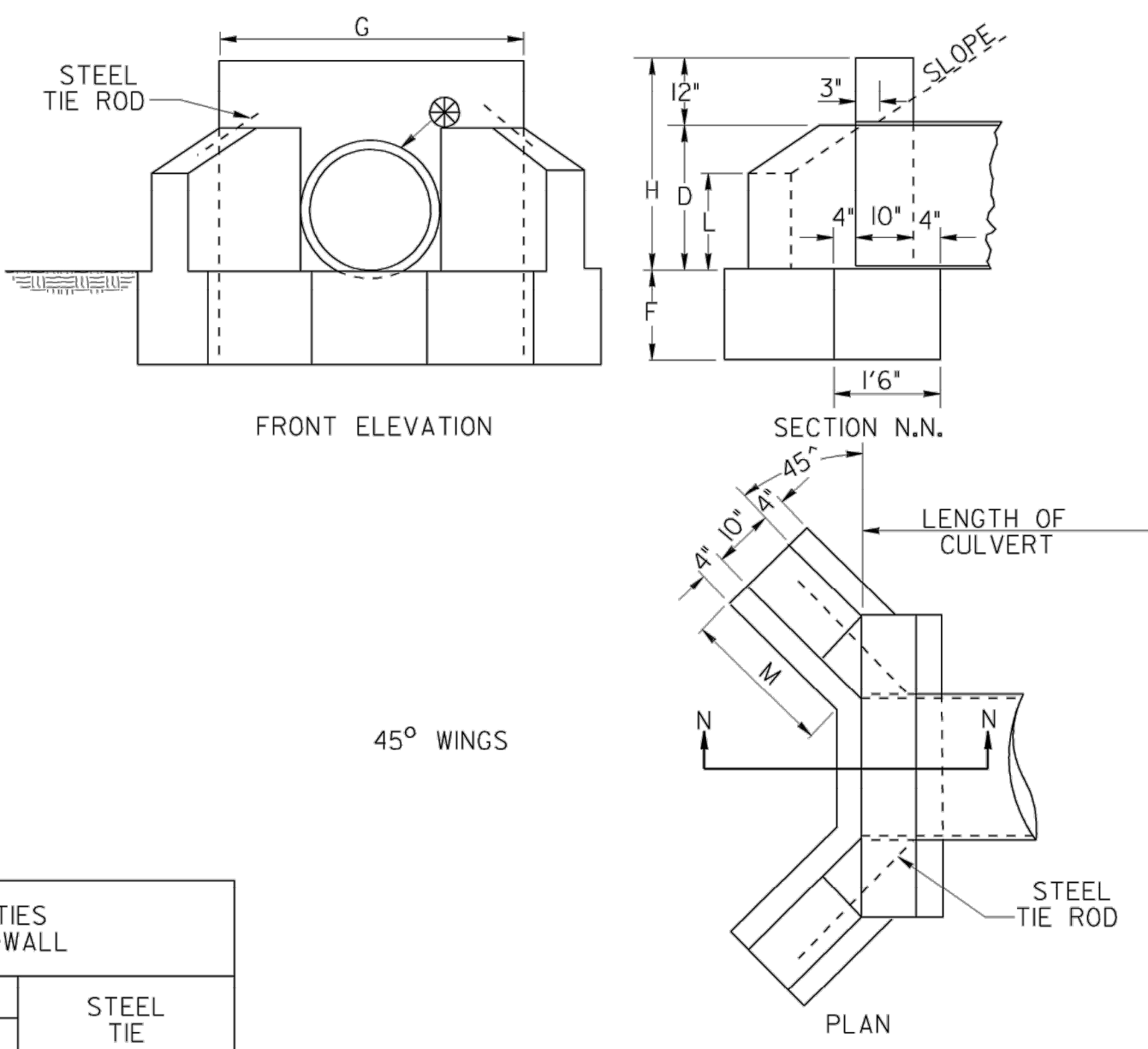
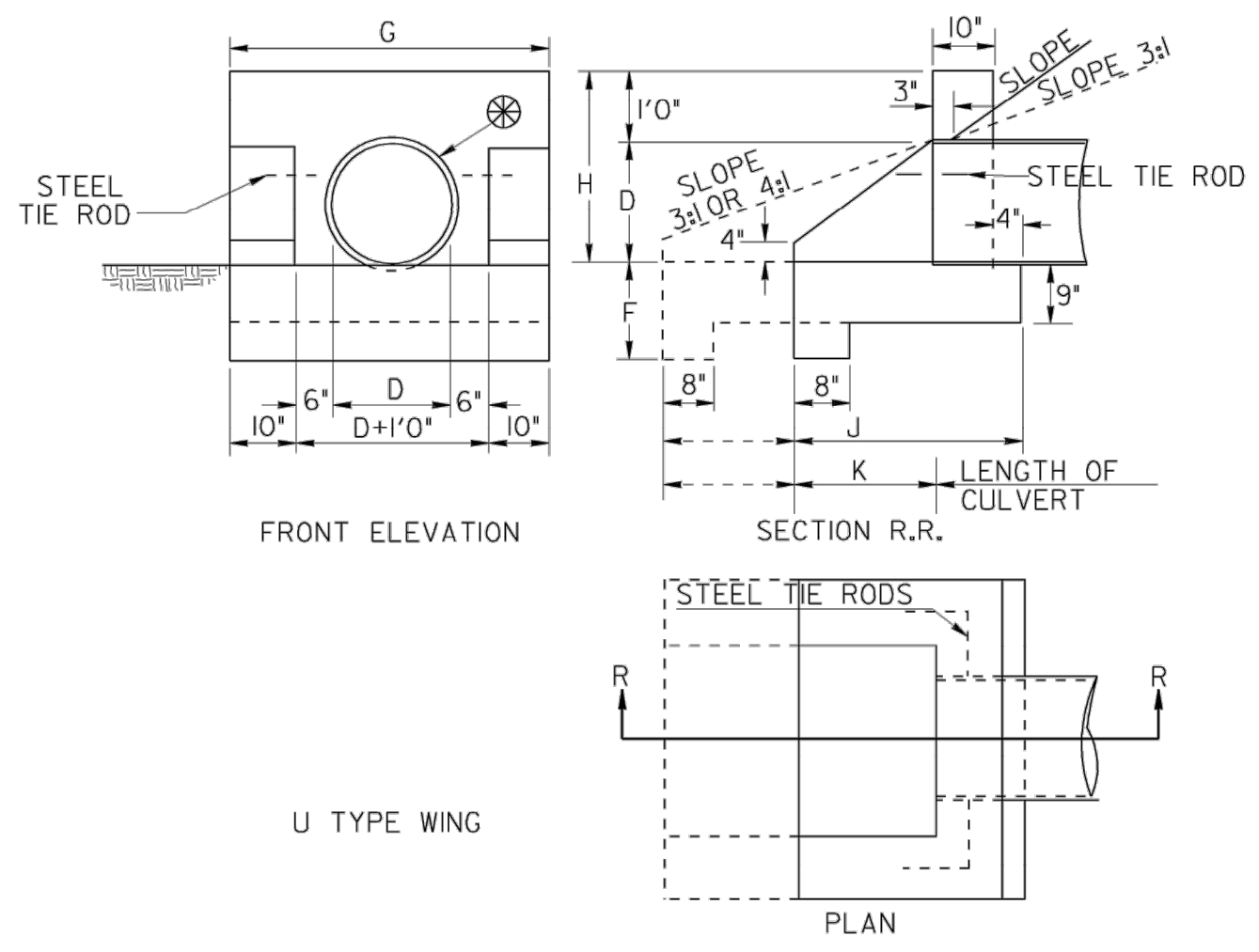
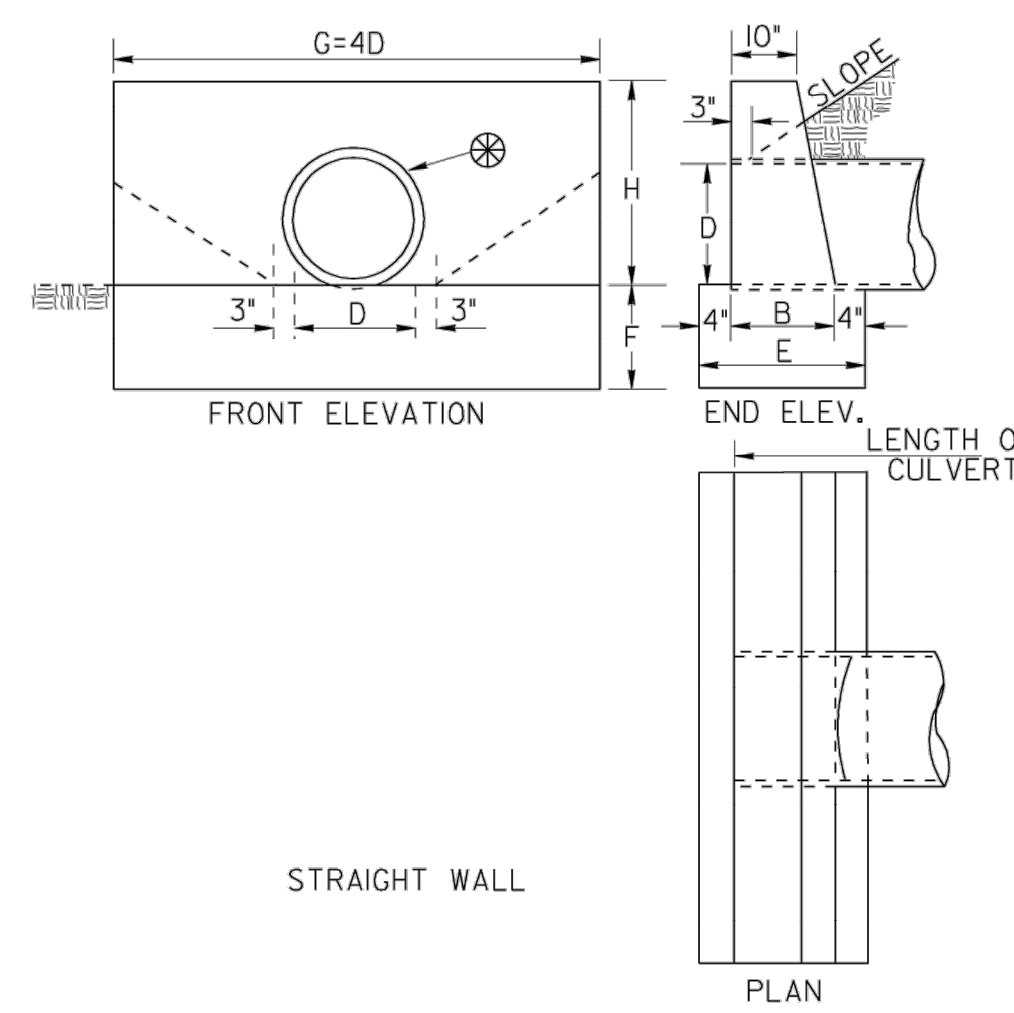
U.S. ARMY CORPS OF ENGINEERS
 LOUISVILLE DISTRICT
 LOUISVILLE, KENTUCKY 40210-0059

TETRA TECH, INC.
 LOUISVILLE, KENTUCKY 40202
 500 PARKWAY LAKE
 FLORENCE, KY 40302
 TEL: 502.264.4000
 WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470564

CIVIL DETAILS

FILE PATH: O:\PROJECTS\CORLANDO\11652200-11652-18007\CAD\SHETS\FILES\470564-C-500_PLOTTED_05/20/2019 BY: MATTHEWS, RUSS

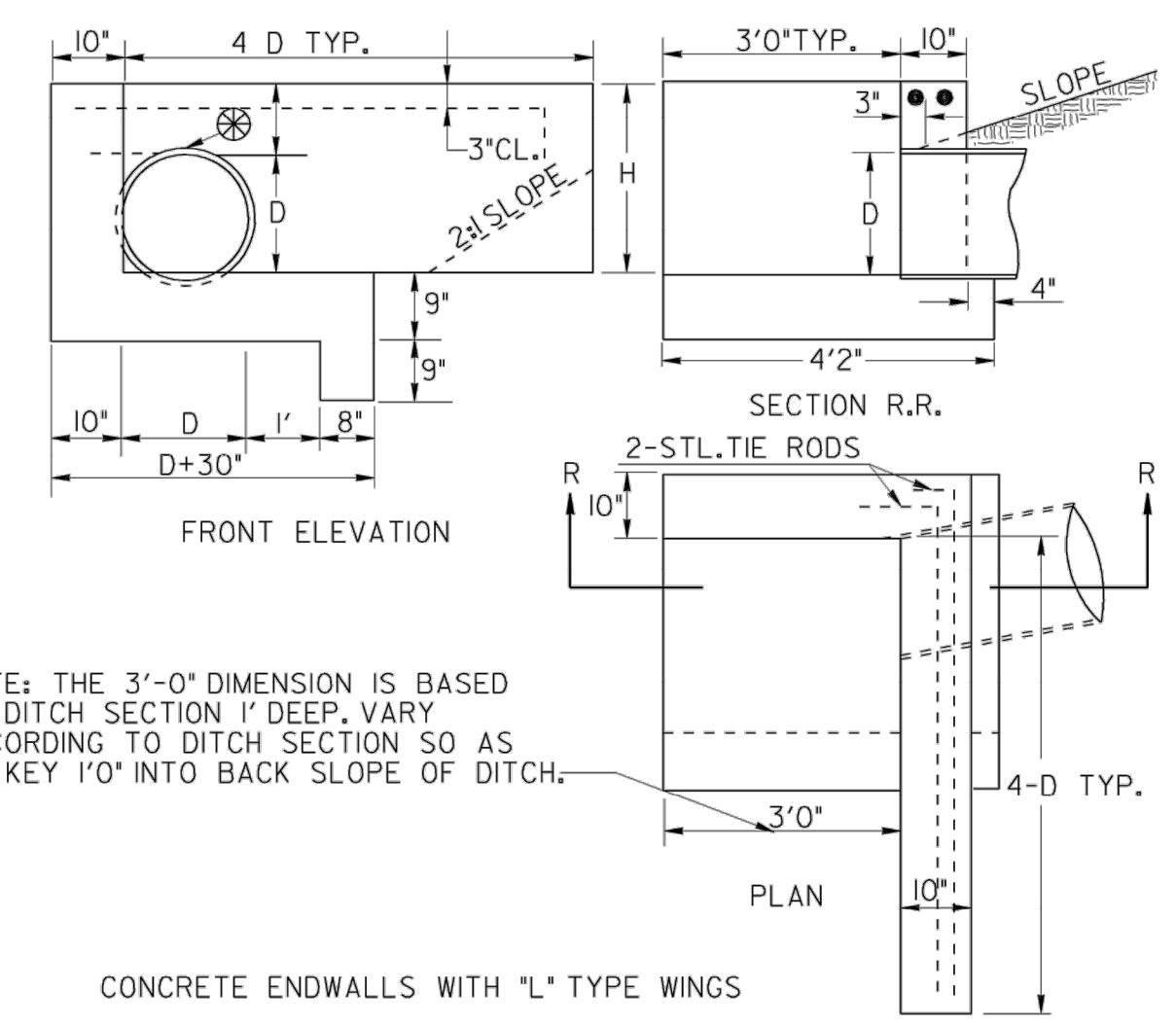


| DIMENSIONS | | | | | QUANTITIES ONE STRAIGHT ENDWALL | | | | CONC. IN WALL & CONCRETE PIPE LINE | |
|------------|------|-------|---------|-------|---------------------------------|-------------|----------------------|--------------|------------------------------------|-------|
| OPENING D | WALL | | FOOTING | | CLASS "B" CONCRETE | | CONC. IN WALL CU.FT. | TOTAL CU.YD. | CONCRETE PIPE LINE CU.YD. | |
| | G | H | E | F | WALL CU.FT. | FOOT CU.YD. | | | | |
| 12" | 0.8 | 4'0" | 2'0" | 1'2" | 1'10" | 1'0" | 7.2 | 7.3 | 14.5 | 0.25 |
| 15" | 1.2 | 5'0" | 2'3" | 1'2" | 1'10" | 1'2" | 9.9 | 10.7 | 20.6 | 0.36 |
| 18" | 1.8 | 6'0" | 2'6" | 1'3" | 1'11" | 1'3" | 13.6 | 14.4 | 28.0 | 0.48 |
| 24" | 3.1 | 8'0" | 3'0" | 1'4" | 2'0" | 1'4" | 22.3 | 21.3 | 43.6 | 1.62 |
| 30" | 4.9 | 10'0" | 3'6" | 1'6" | 2'2" | 1'6" | 34.7 | 32.5 | 67.2 | 2.49 |
| 36" | 7.1 | 12'0" | 4'0" | 1'8" | 2'4" | 1'8" | 50.5 | 46.7 | 97.2 | 3.60 |
| 42" | 9.6 | 14'0" | 4'6" | 1'10" | 2'6" | 2'0" | 70.3 | 70.0 | 140.3 | 5.20 |
| 48" | 12.6 | 16'0" | 5'0" | 2'1" | 2'9" | 2'0" | 96.9 | 88.0 | 184.9 | 6.85 |
| 54" | 16.0 | 18'0" | 5'6" | 2'4" | 3'0" | 2'0" | 129.4 | 108.0 | 237.4 | 8.79 |
| 60" | 19.6 | 20'0" | 6'0" | 2'6" | 3'2" | 2'0" | 164.6 | 126.7 | 291.3 | 10.79 |

FOR EACH ADDITIONAL PIPE LINE, ADD TO G: OD+10 OR 3 FEET, WHICHEVER IS SMALLER

| DIMENSIONS | | | | | QUANTITIES ONE "U" ENDWALL | | | | STEEL TIE RODS | |
|------------|------|-------|---------|------|----------------------------|-------------|----------------------|--------------|----------------|------|
| OPENING D | WALL | | FOOTING | | CLASS "B" CONCRETE | | CONC. IN WALL CU.FT. | TOTAL CU.YD. | | |
| | G | H | K | F | J | WALL CU.FT. | | | FOOT CU.YD. | |
| 12" | 0.8 | 3'8" | 2'0" | 1'0" | 1'3" | 2'2" | 6.6 | 7.3 | 13.9 | 0.52 |
| 15" | 1.2 | 3'11" | 2'3" | 1'5" | 1'3" | 2'7" | 8.3 | 9.1 | 17.4 | 0.64 |
| 18" | 1.8 | 4'2" | 2'6" | 1'9" | 1'3" | 2'11" | 9.9 | 10.7 | 20.6 | 0.76 |
| 24" | 3.1 | 4'8" | 3'0" | 2'6" | 1'6" | 3'8" | 13.9 | 15.5 | 29.4 | 1.09 |
| 30" | 4.9 | 5'2" | 3'6" | 3'3" | 1'6" | 4'5" | 18.7 | 20.0 | 38.7 | 1.43 |
| 36" | 7.1 | 5'8" | 4'0" | 4'0" | 1'9" | 5'2" | 21.2 | 26.2 | 50.4 | 1.87 |
| 42" | 9.6 | 6'2" | 4'6" | 4'9" | 2'0" | 5'11" | 30.3 | 33.2 | 63.5 | 2.35 |
| 48" | 12.6 | 6'8" | 5'0" | 5'6" | 2'0" | 6'8" | 37.3 | 39.6 | 76.9 | 2.85 |
| 54" | 16.0 | 7'2" | 5'6" | 6'3" | 2'0" | 7'5" | 44.2 | 45.9 | 90.1 | 3.33 |
| 60" | 19.6 | 7'8" | 6'0" | 7'0" | 2'0" | 8'2" | 51.1 | 49.1 | 100.2 | 3.71 |

| DIMENSIONS | | | | | QUANTITIES ONE ENDWALL WITH 45° WING WALLS | | | | STEEL TIE RODS | |
|------------|------|------|---------|------|--|-------------|----------------------|--------------|----------------|------|
| OPENING D | WALL | | FOOTING | | CLASS "B" CONCRETE | | CONC. IN WALL CU.FT. | TOTAL CU.YD. | | |
| | H | G | L | M | F | WALL CU.FT. | | | FOOT CU.YD. | |
| 18" | 1.8 | 2'6" | 3'10" | 1'2" | 1'7" | 1'3" | 9.3 | 10.7 | 20.0 | 0.74 |
| 24" | 3.1 | 3'0" | 4'4" | 1'5" | 2'1" | 1'4" | 13.1 | 14.4 | 27.5 | 1.02 |
| 30" | 4.9 | 3'6" | 4'10" | 1'9" | 2'5" | 1'6" | 17.4 | 18.8 | 36.7 | 1.34 |
| 36" | 7.1 | 4'0" | 5'4" | 2'0" | 2'11" | 1'8" | 22.6 | 24.6 | 47.2 | 1.75 |
| 42" | 9.6 | 4'6" | 5'10" | 2'3" | 3'6" | 2'0" | 29.1 | 34.6 | 63.7 | 2.36 |
| 48" | 12.6 | 5'0" | 6'4" | 2'6" | 4'0" | 2'0" | 35.9 | 39.1 | 75.0 | 2.78 |
| 54" | 16.0 | 5'6" | 6'10" | 2'9" | 4'6" 1/4" | 2'0" | 42.9 | 46.6 | 89.5 | 3.31 |
| 60" | 19.6 | 6'0" | 7'4" | 3'0" | 5'0" 1/2" | 2'0" | 51.8 | 51.1 | 102.9 | 3.81 |



NOTE: THE 3'-0" DIMENSION IS BASED ON DITCH SECTION 1' DEEP. VARY ACCORDING TO DITCH SECTION SO AS TO KEY 1'0" INTO BACK SLOPE OF DITCH.

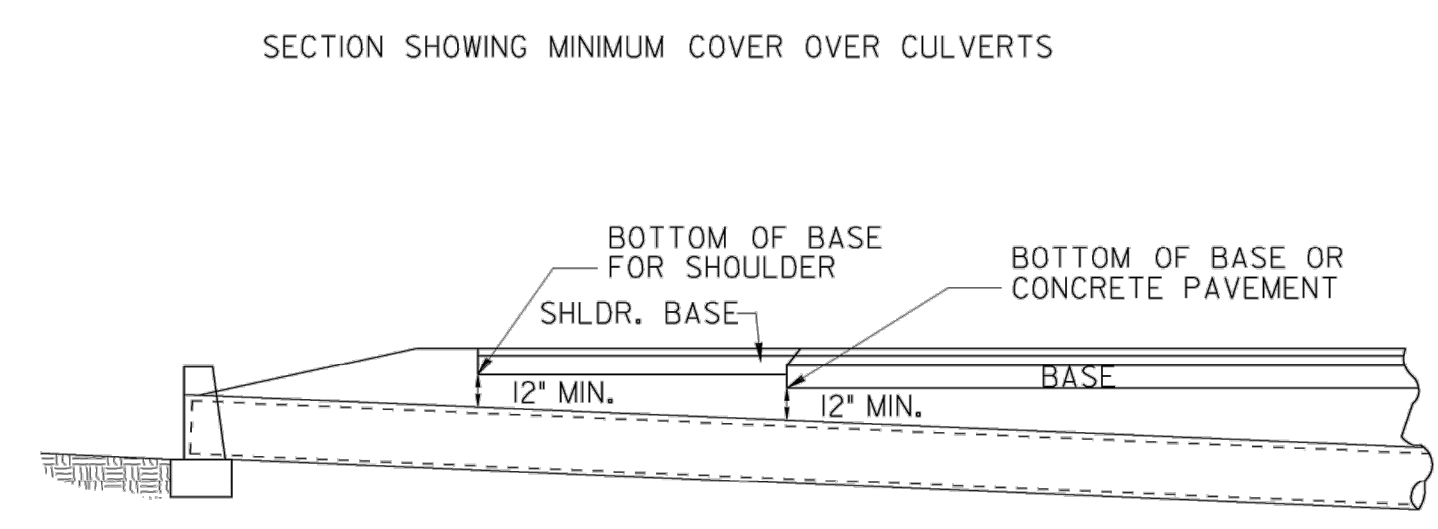
CONCRETE ENDWALLS WITH "L" TYPE WINGS

NOTE: THESE QUANTITIES WILL VARY ACCORDING TO DITCH SECTION AND ARE TO BE USED FOR ESTIMATING PURPOSES ONLY. PAYMENT TO BE MADE ACCORDING TO QUANTITIES MEASURED AS ACTUALLY PLACED.

| DIMENSIONS | | | | | QUANTITIES ONE "L" ENDWALL | |
|------------|-------------|--------|---------|-----------|----------------------------|---------------------|
| D | AREA SQ.FT. | H MIN. | 4D TYP. | D+30 TYP. | CONC. CU.YD. | STEEL TIE RODS |
| | | | | | | |
| 18" | 1.8 | 2'6" | 6'0" | 4'0" | 1.24 | 2-3/4" DIA. X 6'0" |
| 24" | 3.1 | 3'0" | 8'0" | 4'6" | 1.59 | 2-3/4" DIA. X 8'0" |
| 30" | 4.9 | 3'6" | 10'0" | 5'0" | 2.00 | 2-3/4" DIA. X 10'0" |
| 36" | 7.1 | 4'0" | 12'0" | 5'6" | 2.46 | 2-3/4" DIA. X 12'0" |
| 42" | 9.6 | 4'6" | 14'0" | 6'0" | 2.98 | 2-3/4" DIA. X 14'0" |
| 48" | 12.6 | 5'0" | 16'0" | 6'6" | 3.53 | 2-3/4" DIA. X 16'0" |
| 54" | 16.0 | 5'6" | 18'0" | 7'0" | 4.13 | 2-3/4" DIA. X 18'0" |
| 60" | 19.6 | 6'0" | 20'0" | 7'6" | 4.85 | 2-3/4" DIA. X 20'0" |

3:1 FILL SLOPES

NOTE: QUANTITIES OF CONCRETE ARE BASED ON INSIDE DIAMETER OF PIPE. NO DEDUCTIONS SHALL BE MADE FOR SHELL THICKNESS OR SKEW OF PIPE IN COMPUTING PAY QUANTITIES.



NOTE: GRADE GENERALLY TO FOLLOW SLOPE OF STREAM.

* IF PIPE HAS NEITHER A GROOVE NOR A SPIGOT AT ITS INLET, AN INLET BEVEL WILL BE REQ'D.

A1 PIPE CULVERT CONCRETE HEADWALL
NO SCALE (GDOT)

FILE PATH: O:\PROJECTS\SCORLANDO\11652200-11652-18007\CAD\SHETS\FILES\470564-C-500 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSS

US Army Corps of Engineers
Louisville District
James R. Warner, P.E.
P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
No. PE032950
JAMES R. WARNER
5-20-19

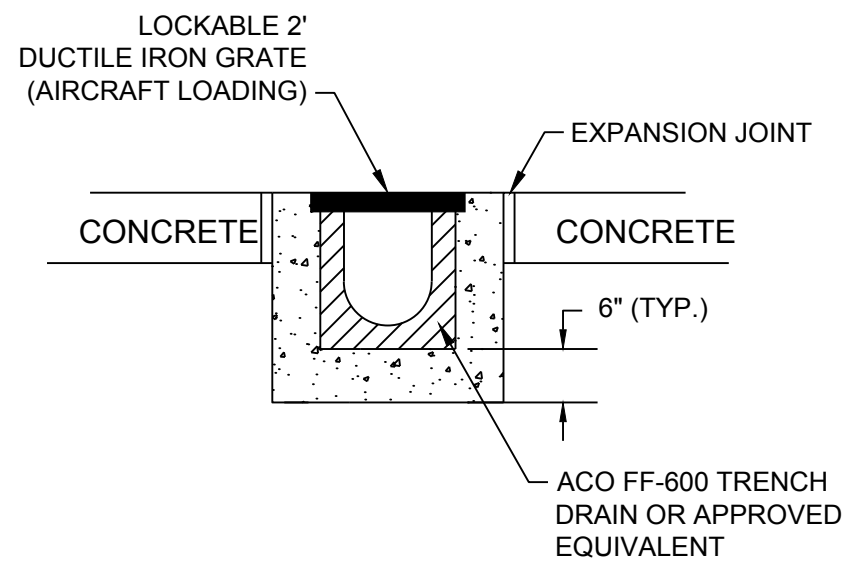
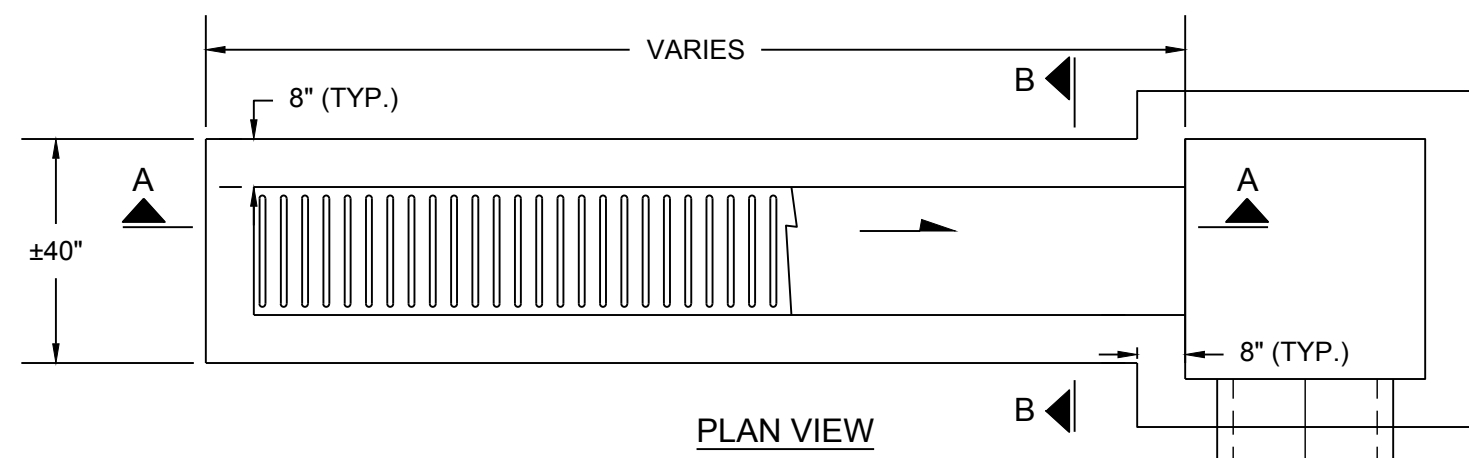
| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ISSUE DATE: 05/02/2019
SOLUTION NO.:
DESIGNED BY: J. WARNER
DRAWN BY: R. MATTHEWS
CHECKED BY: S. BAILEY
SUBMITTED BY: E.S.A.
FILE NAME: 470564-C-500.dwg
ANSD

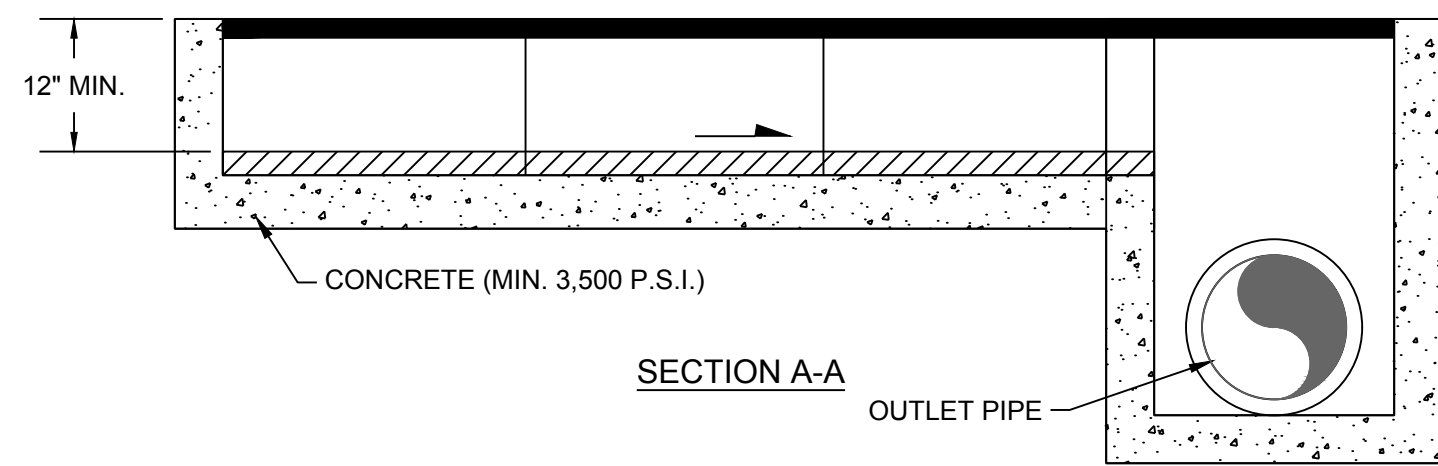
U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

TETRA TECH, INC.
Louisville, Kentucky 40202
4800 PARKWAY BLVD
Phone: 502-248-4998
www.tetra.com

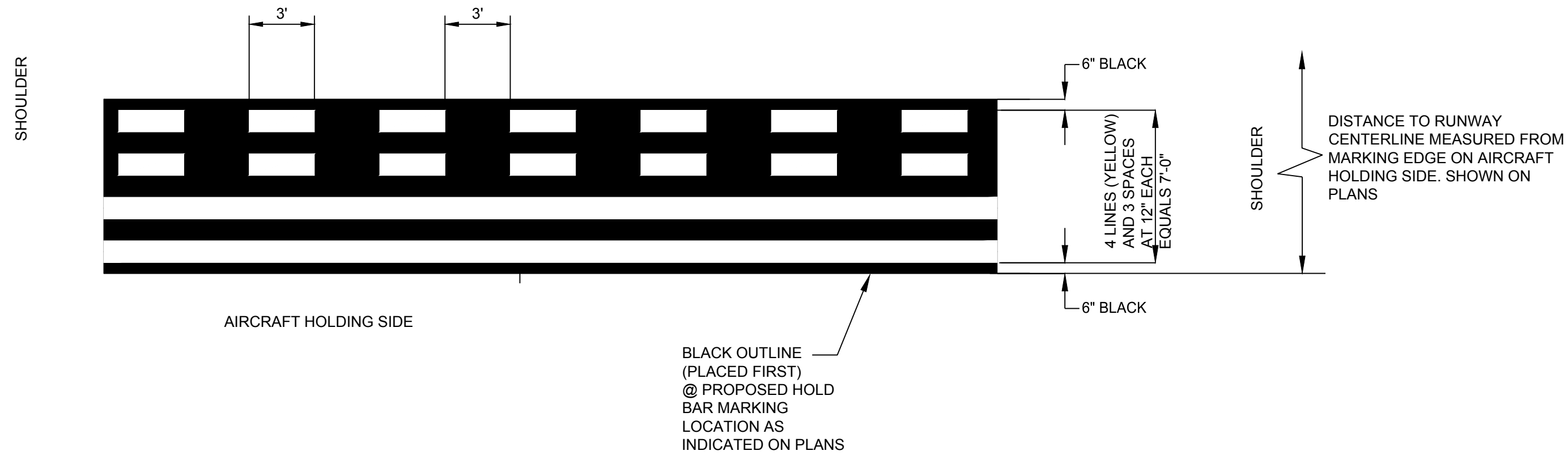
DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470564
CIVIL DETAILS



- NOTES:
- SUBGRADE SHALL BE COMPACTED TO 95% MOD. PROCTOR DENSITY (AASHTO T-180)
 - CONNECT TRENCH DRAIN TO OUTFALL PIPE IN ACCORDANCE WITH:
 - ALTERNATIVE-A: FOR A TERMINAL CONNECTION USE ONE (1) 90° ELBOW
 - ALTERNATIVE-B: FOR AN IN-LINE CONNECTION USE ONE (1) 45° ELBOW AND ONE (1) WYE.



C2 TRENCH DRAIN
NO SCALE



- NOTE:
- CONTROL DUST IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL POLLUTION CONTROL REGULATIONS.
 - EXTEND TAXIWAY CENTERLINES THROUGH TO EDGE OF PAVED AREA.
 - PRESSURE WASH TO CLEAN PROPOSED HOLD POSITION MARKING AREAS AS SHOWN.
 - TESTING OF THE PAINT PER SECTION 32 17 23, EXECUTE THE TESTING REQUIREMENT PER SECTION 32 17 23 AND SUBMIT TEST RESULTS TO OWNER.

B4 HOLDING POSITION MARKING REPLACEMENT DETAIL
NO SCALE

US Army Corps of Engineers®
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
No. PE032950
JAMES R. WARNER
5-20-19

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: |
| FILE NUMBER: 470564-C-500.000 | CONTRACT NO.: |
| FILE NAME: 470564-C-500.dwg | FILE NUMBER: |
| ANSI D | ANSI D |

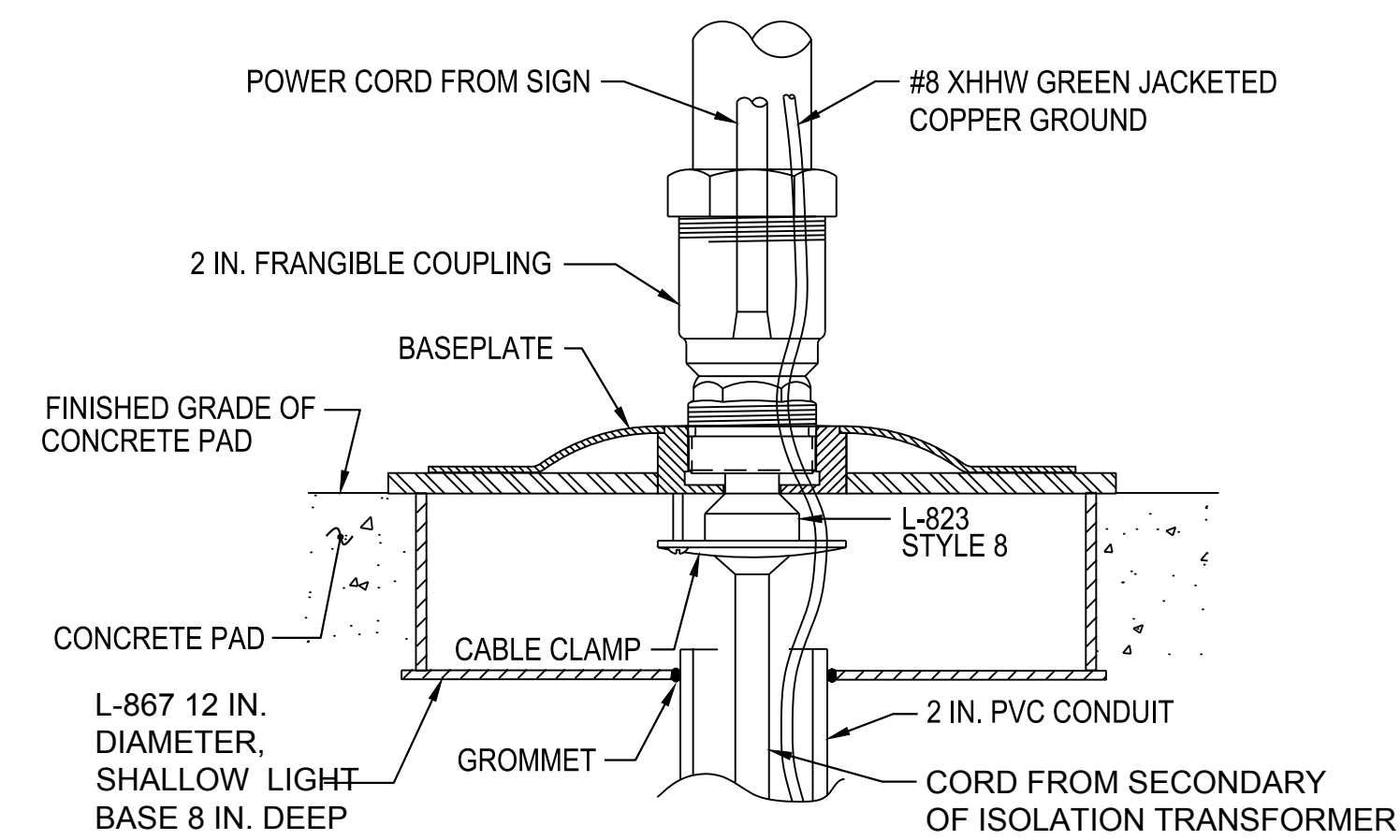
U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

TETRA TECH, INC.
Louisville, Kentucky 40202
Phone: 502-258-4200
www.tetra.com

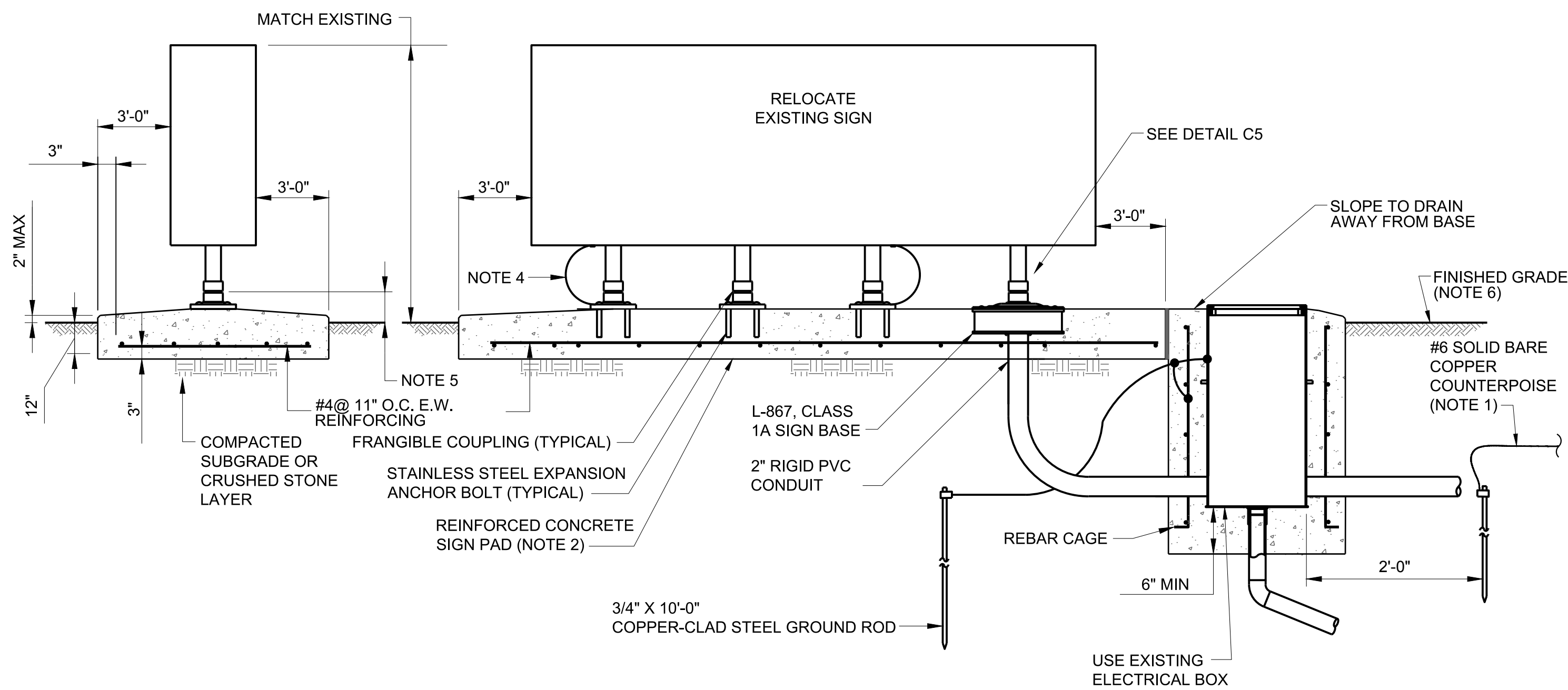
POND
2800 PARKWAY, SUITE 200
PLACEMINT, KENTUCKY 40220
PHONE: 502-258-4200
FAX: 502-258-1836

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470564
CIVIL DETAILS

SHEET ID
C-507



C5 DETAIL
NO SCALE



DRAWING NOTES - FIGURE 29A (AIR FORCE / ARMY):

- DO NOT CONNECT COUNTERPOISE TO THE TRANSFORMER BASE. CONNECT TRANSFORMER BASE AND COUNTERPOISE TO SEPARATE GROUND RODS.
- SIGN PAD MUST HAVE A 1/2" CHAMFER ON ALL EXPOSED HORIZONTAL EDGES. EXTEND PAD 36" CLEAR ON ALL SIDES OF SIGN. SLOPE THE TOP SURFACE TO DRAIN AWAY FROM SIGN, APPROXIMATELY 1% (1/8" FT). THE TOP OF THE PAD MUST BE APPROXIMATELY 1" ABOVE THE SURROUNDING GRADE.
- REUSE EXISTING SIGN.
- ONE TETHER AT EACH END OF THE SIGN IF SEPARATE SIGN MODULES ARE CONNECTED TOGETHER WITHIN A CONTINUOUS FRAME.
- THE FRANGIBILITY POINT MUST BE NO GREATER THAN 3" ABOVE THE GRADE ADJACENT TO THE PAD.
- SURROUNDING GRADE MUST SLOPE 1/4" PER FOOT AWAY FROM THE PAD FOR 15'-0". SOD OR SEED AS REQUIRED.

A3 SIGN BASE DETAILS
NO SCALE

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

REGISTERED PROFESSIONAL ENGINEER
No. PE032950
JAMES R. WARNER
5-20-19

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|---------------------------|---------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| DRAWN BY: B. MATTHEWS | SOLICITATION NO.: |
| CHECKED BY: S. BAILEY | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSI.D | 470564-C-500.dwg |

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

TETRA TECH, INC.
Louisville, Kentucky 40202
P.O. Box 248-4208
Louisville, KY 40202
www.tetra-tech.com

POND

5800 PARSONS AVE.
FLORENCE, KY 40302
PH: (502) 248-4208
FAX: (502) 248-1756

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470564
CIVIL DETAILS

SHEET ID
C-508

STRUCTURE TABLE C-101

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|---|---|----------|
| S-50 | ABANDON DI (2'x3') | RIM = 1017.22' INV OUT = 1013.20' (SE) | |
| S-51 | ABANDON DI (2'x3') | RIM = 1017.24' INV IN = 1011.80' (NW) INV OUT = 1011.40' (E) | |
| S-52 | HW ABANDON IN PLACE EXISTING HEADWALL | RIM = 1010.02' INV IN = 1009.00' (W) | |
| S-53 | DI (2'x3') | RIM = 1032.62' INV OUT = 1026.30' (N) | |
| S-54 | HW | RIM = 1027.65' INV IN = 1024.90' (S) | |
| S-100 | DI (2'x3') | RIM = 1026.89' INV OUT = 1023.10' (E) | |
| S-110 | DI (2'x3') | RIM = 1024.52' INV IN = 1003.90' (W) INV IN = 1003.90' (E) INV OUT = 1003.80' (NE) | |
| S-140 | JB RAISE TOP TO EXISTING GRADE | RIM = 1015.50' INV IN = 993.89' (SW) INV IN = 994.14' (S) INV OUT = 993.89' (NE) | |
| S-170 | JB TO REMAIN | RIM = 981.07' INV IN = 975.40' (S) INV OUT = 971.40' (N) | |
| S-175 | HW REPLACE EXISTING HEADWALL AND INSTALL SECURITY GRATE | RIM = 973.93' INV IN = 971.18' (S) | |
| S-180 | NEW AREA DRAIN | RIM = 993.88' INV OUT = 988.80' (N) | |

STRUCTURE TABLE C-102

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|---|---|----------|
| S-130 | D1 (2'x3') | RIM = 1021.93' INV OUT = 1018.60' (W) | |
| S-150 | HW REPLACE HEADWALL AND INSTALL SECURITY GRATE | RIM = 975.13' INV IN = 971.30' (SW) | |
| S-260 | HW REPLACE EXISTING HEADWALL AND INSTALL SECURITY GRATE | RIM = 973.11' INV IN = 970.90' (S) | |
| S-270 | HW REPLACE EXISTING HEADWALL AND INSTALL SECURITY GRATE | RIM = 974.19' INV IN = 970.90' (SE) | |
| S-330 | DI NEW INLET REPLACE STRUCTURE | RIM = 991.97' INV OUT = 986.80' (NE) | |
| S-332 | REMOVE AND REPLACE DI | RIM = 989.11' INV OUT = 983.00' (N) | |
| S-333 | JB | RIM = 977.94' INV IN = 972.00' (S) INV OUT = 964.10' (NE) | |
| S-334 | HW INSTALL SECURITY GRATE | RIM = 968.29' INV IN = 965.00' (SW) | |
| S-340 | HW INSTALL SECURITY GRATE | RIM = 975.89' INV IN = 972.60' (SW) | |
| S-400 | JB | RIM = 1000.25' INV IN = 994.82' (E) | |

STRUCTURE TABLE C-103

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|-------------------|--|----------|
| S-410 | GI | RIM = 1018.37' INV OUT = 1015.11' (W) | |
| S-420 | GI | RIM = 1018.33' INV OUT = 1015.50' (NE) | |
| S-430 | GI | RIM = 1016.26' INV IN = 1012.05' (SW) | |
| S-440 | GI | RIM = 1015.65' INV OUT = 1013.44' (SW) | |
| S-450 | GI | RIM = 1016.23' INV IN = 1013.44' (NE) INV OUT = 1013.44' (SW) | |
| S-460 | GI | RIM = 1016.50' INV IN = 1013.44' (NE) | |
| S-500 | PIPE | INV IN = 996.94' (W) | |
| S-510 | - | RIM = 1000.90' INV IN = 996.98' (W) INV OUT = 996.98' (E) | |
| S-520 | PIPE | RIM = 1011.19' INV IN = 1008.22' (W) INV IN = 1008.22' (S) INV OUT = 1008.22' (E) | |
| S-525 | PIPE | INV OUT = 1012.79' (N) | |
| S-530 | GI | RIM = 1013.95' INV IN = 1009.64' (S) INV OUT = 1009.64' (E) | |
| S-540 | GI | RIM = 1014.64' INV IN = 1010.50' (SE) INV OUT = 1010.50' (N) | |
| S-550 | GI | RIM = 1015.71' INV IN = 1011.58' (S) INV OUT = 1011.58' (NW) | |
| S-560 | GI | RIM = 1016.30' INV IN = 1012.06' (SE) INV OUT = 1012.06' (N) | |
| S-570 | GI | RIM = 1015.29' INV OUT = 1013.08' (NW) | |
| S-610 | DI | RIM = 978.10' INV IN = 971.66' (SW) INV OUT = 971.66' (N) | |
| S-620 | SP BOX | RIM = 980.47' INV IN = 973.57' (S) INV OUT = 973.52' (NE) INV OUT = 973.52' (NW) | |
| S-625 | NEW HW | RIM = 978.51' INV IN = 973.59' (SE) | |
| S-630 | YI | RIM = 984.02' INV IN = 975.62' (S) INV OUT = 975.62' (N) | |
| S-640 | YI (THIS IS STMH) | RIM = 998.19' INV IN = 980.99' (S) INV IN = 976.59' (E) INV OUT = 976.59' (N) | |
| S-650 | JB | RIM = 1012.57' INV IN = 1008.30' (NW) INV OUT = 1008.30' (SW) | |
| S-651 | JB | RIM = 1011.13' INV IN = 1007.80' (NE) INV OUT = 1006.40' (NW) | |
| S-652 | DI | RIM = 1011.04' INV IN = 1006.10' (SE) INV OUT = 1005.90' (NW) | |

STRUCTURE TABLE C-103

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|-------------------------------|--|----------|
| S-653 | DI | RIM = 1010.77' INV IN = 1005.50' (SE) INV OUT = 1005.00' (NW) | |
| S-654 | JB | RIM = 1010.70' INV IN = 1004.90' (SE) INV IN = 1004.78' (NE) INV OUT = 1004.68' (NW) | |
| S-655 | PIPE | INV OUT = 1006.08' (W) | |
| S-656 | JB | RIM = 1010.30' INV IN = 1005.90' (SE) INV OUT = 1005.10' (SW) | |
| S-657 | JB | RIM = 1009.03' INV IN = 1003.50' (SE) INV OUT = 993.60' (W) | |
| S-658 | GI | RIM = 1009.78' INV OUT = 985.20' (N) | |
| S-659 | REPLACE JB AND RAISE TO GRADE | RIM = 995.86' INV IN = 993.11' (E) INV IN = 993.11' (S) INV OUT = 993.11' (W) | |
| S-660 | STMH | RIM = 1011.00' INV IN = 987.73' (S) INV OUT = 981.88' (N) | |
| S-661 | JB | RIM = 1011.16' INV IN = 1006.40' (E) INV IN = 1007.10' (W) INV OUT = 1006.30' (NW) | |
| S-670 | JB | RIM = 1010.23' INV IN = 988.00' (S) INV IN = 1001.60' (E) INV OUT = 987.90' (N) | |
| S-671 | PIPE | INV OUT = 1007.20' (E) | |
| S-672 | PIPE | INV OUT = 1008.89' (E) | |
| S-673 | PIPE | INV OUT = 1009.40' (SW) | |
| S-674 | GI | RIM = 1012.85' INV IN = 1004.10' (SE) INV OUT = 1003.60' (W) | |
| S-675 | DI | RIM = 1010.11' INV OUT = 1005.00' (NW) | |
| S-676 | DI | RIM = 1012.13' INV IN = 1008.80' (W) INV IN = 1009.20' (NE) INV OUT = 1009.10' (SE) | |
| S-710 | GI REPLACE | RIM = 1011.67' INV IN = 1010.00' (SE) INV OUT = 1009.90' (NW) | |
| S-711 | GI | RIM = 1012.37' INV IN = 1010.70' (SE) INV OUT = 1010.20' (NW) | |
| S-720 | GI REPLACE | RIM = 1011.67' INV IN = 1009.20' (SE) INV OUT = 1009.20' (NW) | |
| S-730 | STMH REPLACE | RIM = 1012.30' INV IN = 1008.90' (SE) INV OUT = 1008.90' (NE) INV OUT = 1009.86' (NW) | |
| S-740 | NEW GI | RIM = 1014.07' INV IN = 1009.61' (SE) INV OUT = 1010.96' (NE) | |

- STRUCTURE TYPES
- CB CATCH BASIN
 - CI CURB INLET
 - CO CLEAN OUT
 - DI DROP INLET
 - DWCB DOUBLE WALL CATCH BASIN
 - FES FLARED END SECTION
 - GI GRATE INLET
 - HW HEADWALL
 - JB JUNCTION BOX
 - MES MITERED END SECTION
 - SP BOX SPLITTER BOX
 - STMH STORM MANHOLE
 - SWCB STORM WATER CATCH BASIN
 - TD TRENCH DRAIN
 - YI YARD INLET

STRUCTURE TABLE C-104

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|---------------------|--|----------|
| S-750 | REPLACE EXISTING DI | RIM = 1011.27' INV IN = 1007.00' (SW) INV IN = 1007.00' (SW) INV OUT = 1006.20' (NE) | |
| S-752 | DI | RIM = 1007.46' INV OUT = 1003.50' (E) | |
| S-760 | DI | RIM = 1005.35' INV IN = 1001.50' (SW) INV IN = 1001.70' (W) INV OUT = 1001.50' (NE) | |
| S-761 | CB | RIM = 1003.00' INV IN = 999.70' (SE) INV OUT = 1000.70' (SE) | |
| S-762 | CB | RIM = 1002.89' INV IN = 999.80' (SE) INV IN = 999.70' (NW) INV OUT = 1000.70' (NW) INV OUT = 999.50' (N) | |
| S-763 | PIPE | INV OUT = 1000.01' (NW) | |
| S-764 | PIPE | INV IN = 999.14' (S) | |
| S-770 | DI | RIM = 1003.05' INV IN = 1001.24' (SW) INV IN = 1000.60' (W) INV IN = 1000.70' (SE) INV OUT = 1000.40' (NE) | |
| S-771 | DI | RIM = 1006.02' INV OUT = 1001.70' (E) | |
| S-773 | DI | RIM = 1004.17' INV OUT = 1002.50' (SE) | |
| S-774 | DI | RIM = 1004.57' INV IN = 1002.91' (W) INV IN = 1001.00' (NW) INV OUT = 1000.90' (E) | |
| S-775 | DI | RIM = 1005.63' INV IN = 1002.70' (S) INV OUT = 1001.50' (NW) | |
| S-776 | SWCB | RIM = 1011.08' INV OUT = 1004.70' (N) | |
| S-780 | JB | RIM = 1003.99' INV IN = 998.50' (SW) INV OUT = 998.40' (NE) | |
| S-781 | JB | RIM = 1002.14' INV IN = 997.60' (SW) INV IN = 996.60' (S) INV OUT = 996.00' (E) | |
| S-783 | DI | RIM = 997.24' INV IN = 995.58' (W) INV OUT = 993.00' (E) | |
| S-784 | CI | RIM = 997.76' INV IN = 993.00' (W) INV OUT = 992.90' (NE) | |
| S-785 | DI | RIM = 1004.68' INV IN = 1001.30' (W) INV OUT = 1001.30' (NE) | |
| S-786 | PIPE | INV IN = 992.00' (SW) | |
| S-787 | PIPE | INV OUT = 1001.54' (E) | |
| S-788 | SWCB | RIM = 1004.39' INV OUT = 1001.20' (SW) | |
| S-789 | DI | RIM = 1004.97' INV IN = 1001.00' (SW) INV IN = 1000.80' (NE) INV OUT = 1000.70' (N) | |
| S-791 | PIPE | INV OUT = 987.69' (NE) | |

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|--------------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/20/2019 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: 470364-C-601 |
| CONTRACT NO.: 470364-C-601 | FILE NUMBER: 470364-C-601.dwg |
| SUBMITTED BY: S. BAILEY | FILE NAME: 470364-C-601.dwg |
| ES&S | |

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

TETRA TECH, INC.
Louisville, Kentucky 40202
P.O. Box 244-2000
P.O. Box 244-2000
Franklin, TN 37068

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470364
STORM DRAINAGE
STRUCTURE TABLES

STRUCTURE TABLE C-104

Table with 4 columns: STRUCTURE NAME, STRUCTURE TYPE, STRUCTURE DETAIL, COMMENTS. Rows include structures S-792 through S-831 with details like RIM, INV IN, and INV OUT values.

STRUCTURE TABLE C-104

Table with 4 columns: STRUCTURE NAME, STRUCTURE TYPE, STRUCTURE DETAIL, COMMENTS. Rows include structures S-832 through S-1001 with details like RIM, INV IN, and INV OUT values.

STRUCTURE TABLE C-104

Table with 4 columns: STRUCTURE NAME, STRUCTURE TYPE, STRUCTURE DETAIL, COMMENTS. Rows include structures S-1002 through S-1052 with details like RIM, INV IN, and INV OUT values.

STRUCTURE TABLE C-104

Table with 4 columns: STRUCTURE NAME, STRUCTURE TYPE, STRUCTURE DETAIL, COMMENTS. Rows include structures S-1064 through S-1069 with details like RIM, INV IN, and INV OUT values.

STRUCTURE TABLE C-105

Table with 4 columns: STRUCTURE NAME, STRUCTURE TYPE, STRUCTURE DETAIL, COMMENTS. Rows include structures S-1021 through S-1207 with details like RIM, INV IN, and INV OUT values.

STRUCTURE TABLE C-106

Table with 4 columns: STRUCTURE NAME, STRUCTURE TYPE, STRUCTURE DETAIL, COMMENTS. Rows include structures S-1400 through S-1410 with details like RIM, INV IN, and INV OUT values.

FILE PATH: O:\PROJECTS\SCORLANDO\11652200-11652-18007\CAD\SHETFILES\470564-C-601 PLOTTED: 05/02/2019 BY: MATTHEWS, RUSS

D

C

B

A

US Army Corps of Engineers Louisville District logo and seal. Includes name James R. Warner, P.E. and registration information for Professional Engineer No. PE032950.

Table with 2 columns: DATE, DESCRIPTION. Includes a MARK column.

Professional Engineer information for J. Warner, P.E. Includes design by, checked by, submitted by, and file name details.

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2 DOBBINS AIR RESERVE BASE, GEORGIA PROJECT NO.: FGWB 04-0014P2A/B P2#: 470564 STORM DRAINAGE STRUCTURE TABLES

| STRUCTURE TABLE C-111 | | | |
|-----------------------|---------------------|--|----------|
| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
| S-1300 | DI | RIM = 1000.44' INV IN = 997.02' (NW) INV OUT = 996.90' (SE) | |
| S-1301 | DI (FULL OF DEBRIS) | RIM = 1005.72' INV OUT = 1002.36' (E) | |
| S-1302 | DI | RIM = 1005.52' INV IN = 1002.00' (W) INV OUT = 1001.90' (NE) | |
| S-1303 | DI | RIM = 1005.74' INV IN = 1001.00' (SW) INV OUT = 1000.90' (N) | |
| S-1304 | PIPE | INV IN = 1000.29' (S) | |
| S-1310 | FES | INV IN = 990.20' (NW) | |
| S-1311 | DI | RIM = 1001.18' INV OUT = 997.90' (NW) | |
| S-1312 | DI | RIM = 1002.57' INV IN = 998.00' (SE) INV OUT = 997.90' (SE) | |
| S-1313 | INACCESSIBLE | RIM = 1001.70' INV OUT = 997.69' (SW) | |
| S-1314 | FES | INV IN = 997.00' (NE) | |
| S-1324 | PIPE | RIM = 992.85' INV OUT = 989.90' (S) | |
| S-1325 | NO INFO | RIM = 995.04' INV OUT = 993.60' (E) | |
| S-1330 | HW (REPLACE) | INV IN = 988.60' (N) | |
| S-1335 | PIPE | INV IN = 992.70' (NE) | |

| STRUCTURE TABLE C-112 | | | |
|-----------------------|----------------|--|----------|
| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
| S-1315 | DI | RIM = 1004.52' INV OUT = 999.60' (SW) | |
| S-1316 | DI | RIM = 1001.46' INV IN = 997.40' (NE) INV OUT = 996.90' (SE) | |
| S-1317 | DI | RIM = 1003.96' INV OUT = 999.50' (W) | |
| S-1320 | DI (2'x6.2) | RIM = 1003.16' INV IN = 989.80' (N) INV IN = 993.80' (NE) INV IN = 993.50' (W) INV OUT = 989.70' (S) | |
| S-1323 | DI | RIM = 998.71' INV IN = 996.50' (NW) INV IN = 996.60' (E) INV OUT = 993.90' (SW) | |
| S-1336 | DI (2.4'x1.8') | RIM = 995.70' INV OUT = 992.80' (SW) | |

| STRUCTURE TABLE C-113 | | | |
|-----------------------|----------------|--|----------|
| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
| S-1404 | JB | RIM = 1056.70' INV IN = 1047.40' (E) INV OUT = 1047.40' (W) | |
| S-1405 | PIPE | INV OUT = 1047.84' (W) | |
| S-1430 | DI (2'x6.2') | RIM = 1027.56' INV OUT = 1018.90' (S) | |
| S-1431 | HW (ABANDONED) | INV IN = 1051.10' (W) | |
| S-1432 | PIPE | INV OUT = 1051.26' (E) | |
| S-1440 | PIPE | INV IN = 1017.24' (N) | |
| S-1500 | DI (2'x3') | RIM = 1020.19' INV IN = 1016.20' (NW) INV IN = 1016.20' (NE) INV OUT = 1015.80' (E) | |
| S-1504 | PIPE | INV OUT = 1016.40' (SW) | |
| S-1505 | PIPE | INV OUT = 1016.40' (SE) | |
| S-1600 | DI | RIM = 1024.11' INV OUT = 1018.07' (E) | |
| S-1610 | DI | RIM = 1022.18' INV IN = 1015.36' (W) INV IN = 1015.37' (S) INV OUT = 1015.36' (E) | |
| S-1615 | DI | RIM = 1020.49' INV OUT = 1017.82' (N) | |

| STRUCTURE TABLE C-114 | | | |
|-----------------------|--------------------------|---|----------|
| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
| S-225 | NEW DI | RIM = 1026.00' INV OUT = 1018.25' (N) | |
| S-1504 | PIPE | INV OUT = 1016.40' (SW) | |
| S-1510 | DI (2.8'x3.8') | RIM = 1018.75' INV IN = 1015.20' (W) INV IN = 1015.60' (SW) INV OUT = 1015.10' (E) | |
| S-1515 | PIPE | INV OUT = 1015.80' (NE) | |
| S-1520 | DI (2'x6.2') | RIM = 1018.16' INV IN = 1013.50' (W) INV IN = 1013.90' (N) INV OUT = 1012.90' (E) | |
| S-1525 | DI (3.8'x3.6') LOWER TOP | RIM = 1018.53' INV OUT = 1014.40' (S) | |
| S-1530 | RAISE TO GRADE | RIM = 1019.80' INV IN = 1012.76' (W) INV OUT = 1012.76' (SE) | |
| S-1531 | NEW DI | RIM = 1021.40' INV IN = 1009.21' (NW) INV OUT = 1009.19' (SE) INV OUT = 1009.21' (E) | |
| S-1610 | DI | RIM = 1022.18' INV IN = 1015.36' (W) INV IN = 1015.37' (S) INV OUT = 1015.36' (E) | |
| S-1620 | DI | RIM = 1022.44' INV IN = 1014.36' (W) INV IN = 1014.36' (S) INV OUT = 1014.30' (E) | |
| S-1625 | DI | RIM = 1017.75' INV OUT = 1015.09' (N) | |
| S-1630 | DI | RIM = 1022.31' INV IN = 1013.24' (W) INV IN = 1015.72' (SW) INV OUT = 1013.20' (SE) | |
| S-1910 | DI (2'x3') | RIM = 1018.09' INV IN = 1010.90' (W) INV OUT = 1010.70' (E) | |

| STRUCTURE TABLE C-115 | | | |
|-----------------------|---|--|----------|
| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
| S-694 | DI NOT LOCATED BY SURVEYOR BURIED INLET CONTRACTOR TO VERIFY | RIM = 1013.50' INV OUT = 1005.00' (N) | |
| S-1532 | NEW DI | RIM = 1020.60' INV IN = 1003.43' (W) INV OUT = 1003.43' (SE) | |
| S-1533 | NEW DI | RIM = 1018.80' INV IN = 1000.37' (NW) INV OUT = 1000.37' (SE) | |
| S-1800 | DI | RIM = 1018.34' INV OUT = 1011.80' (E) | |
| S-1810 | DI | RIM = 1016.95' INV IN = 1010.50' (W) INV OUT = 1010.50' (E) | |
| S-1820 | DI | RIM = 1016.95' INV IN = 1010.40' (W) INV OUT = 1010.20' (NE) | |
| S-1830 | DI (3.5'x3.5') | RIM = 1014.84' INV IN = 1008.50' (SW) INV OUT = 1008.40' (E) | |
| S-1840 | DI (3.5'x3.5') | RIM = 1010.32' INV IN = 1004.80' (W) INV IN = 1004.80' (SE) INV OUT = 1004.50' (SE) | |
| S-1845 | DI (2.7'x2.7') | RIM = 1010.00' INV OUT = 1007.30' (NW) | |
| S-1920 | JB | RIM = 1018.22' INV IN = 1006.40' (W) INV OUT = 1005.90' (E) | |
| S-1921 | NEW DI | RIM = 1020.00' INV IN = 1007.89' (W) INV OUT = 1007.90' (E) | |
| S-1930 | JB | RIM = 1016.55' INV IN = 1005.10' (W) INV OUT = 1004.90' (S) | |
| S-1940 | JB | RIM = 1013.95' INV IN = 1004.20' (N) INV IN = 1004.20' (E) INV OUT = 1004.10' (S) | |
| S-1941 | PIPE | INV OUT = 1009.20' (NE) | |
| S-1942 | JB | RIM = 1013.83' INV IN = 1005.50' (E) INV OUT = 1005.40' (W) | |
| S-1943 | JB | RIM = 1013.07' INV IN = 1006.00' (E) INV IN = 1009.10' (SW) INV OUT = 1006.00' (S) | |
| S-1944 | DI (6'x2.9') | RIM = 1009.78' INV IN = 1006.50' (SE) INV OUT = 1006.40' (W) | |
| S-1945 | NEW DI | RIM = 1012.01' INV OUT = 1009.80' (NW) | |
| S-1946 | NEW DI | RIM = 1013.45' INV IN = 997.80' (N) INV OUT = 997.80' (S) | |
| S-2000 | NEW DI | RIM = 1009.80' INV OUT = 1006.36' (W) | |
| S-2010 | DI (6'x2.9') (STEEL PLATE WITH 12" OPENING AT CUT PIPE) | RIM = 1005.23' INV IN = 1000.40' (E) INV OUT = 1000.40' (S) | |

US Army Corps of Engineers
Louisville District

James R. Warner, P.E.
P.E. No. 032950, GA

| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: J. WARNER
CHECKED BY: P. MATTHEWS
SUBMITTED BY: S. BAILEY
FILE NUMBER: 470364-C-601-000

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 248-2000
FPO BOX 248-2000
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470364

STORM DRAINAGE
STRUCTURE TABLES

SHEET ID
C-604

STRUCTURE TABLE C-123

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|----------------|--|----------|
| S-2331 | HW | INV OUT = 943.10' (S) | |
| S-2332 | JB | RIM = 949.42' INV IN = 942.50' (N) INV OUT = 942.40' (E) | |
| S-2333 | HW | INV OUT = 947.60' (S) | |
| S-2334 | JB | RIM = 952.98' INV IN = 942.60' (N) INV IN = 941.70' (W) INV OUT = 941.70' (S) | |
| S-2335 | HW | INV IN = 942.30' (N) | |

STRUCTURE TABLE C-124

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|----------------|--|----------|
| S-2510 | JB | RIM = 972.39' INV IN = 967.00' (NE) INV OUT = 966.10' (SW) | |
| S-2520 | JB | RIM = 973.11' INV IN = 966.20' (NE) INV IN = 968.10' (SE) INV OUT = 966.00' (W) | |
| S-2521 | PIPE | INV OUT = 968.37' (NW) | |
| S-2530 | DI | RIM = 968.34' INV IN = 963.80' (E) INV IN = 962.10' (N) INV OUT = 962.10' (S) | |
| S-2531 | HW | INV OUT = 962.25' (S) | |
| S-2540 | JB | RIM = 973.06' INV IN = 962.60' (N) INV IN = 966.50' (SW) INV IN = 961.10' (W) INV OUT = 961.60' (SE) | |
| S-2541 | JB | RIM = 965.42' INV IN = 963.21' (W) INV OUT = 961.71' (E) | |
| S-2542 | DI | RIM = 966.40' INV OUT = 964.19' (E) | |
| S-2543 | YI | RIM = 994.55' INV OUT = 986.60' (NE) | |
| S-2545 | HW | INV IN = 960.40' (NW) | |

STRUCTURE TABLE C-125

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|----------------|---|----------|
| S-2250 | HW | INV IN = 952.10' (NW) | |
| S-2260 | PIPE END | RIM = 952.10' INV OUT = 950.30' (SW) | |
| S-2261 | FES | INV OUT = 961.60' (E) | |
| S-2262 | PIPE | RIM = 962.22' INV IN = 960.70' (W) | |
| S-2263 | HW | INV OUT = 960.60' (E) | |
| S-2264 | PIPE | INV IN = 951.90' (W) | |
| S-2270 | PIPE END | INV IN = 949.20' (NE) | |
| S-2280 | PIPE END | INV IN = 947.40' (W) | |
| S-2290 | PIPE END | INV OUT = 947.70' (E) | |
| S-2300 | HW | INV OUT = 946.90' (SE) | |
| S-2310 | HW | INV IN = 945.37' (NW) | |
| S-2600 | HW | INV OUT = 973.08' (W) | |
| S-2610 | SEDIMENT TANK | RIM = 976.09' INV IN = 973.26' (E) INV OUT = 967.19' (W) | |
| S-2613 | DI | RIM = 977.36' INV IN = 973.60' (N) INV IN = 973.60' (NE) | |
| S-2620 | DI (9.2'x3.7') | RIM = 972.42' INV IN = 969.10' (E) INV OUT = 967.30' (W) | |
| S-2630 | GI | RIM = 974.21' INV IN = 967.20' (E) INV OUT = 967.20' (W) | |
| S-2640 | YI | RIM = 973.03' INV IN = 965.90' (E) INV OUT = 965.46' (SW) | |
| S-2650 | SWCB | RIM = 971.71' INV IN = 965.60' (NE) INV IN = 967.10' (W) INV OUT = 968.40' (S) | |
| S-2651 | DI | RIM = 973.31' INV IN = 971.50' (NW) INV OUT = 968.20' (E) | |
| S-2652 | PIPE | INV OUT = 971.57' (SE) | |
| S-2660 | SWCB | RIM = 96779.47' INV IN = 967.80' (N) INV IN = 967.80' (W) INV OUT = 964.40' (SW) | |
| S-2661 | SWCB | RIM = 973.39' INV OUT = 967.50' (E) | |
| S-2670 | GI | RIM = 970.80' INV IN = 963.20' (S) | |

STRUCTURE TABLE C-125

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|----------------|--|----------|
| S-2680 | HW | RIM = 963.69' INV IN = 960.94' (N) | |
| S-2690 | CB | INV OUT = 962.14' (SW) | |
| S-2695 | HW | RIM = 961.36' INV IN = 959.15' (NE) | |
| S-2700 | GI | RIM = 969.83' INV OUT = 964.03' (SE) | |
| S-2710 | GI | RIM = 968.74' INV IN = 962.24' (NW) INV OUT = 962.14' (SE) | |
| S-2720 | GI | RIM = 968.16' INV IN = 960.46' (NW) INV OUT = 960.36' (SE) | |
| S-2730 | GI | RIM = 965.32' INV IN = 959.52' (NW) INV OUT = 958.82' (SE) | |
| S-2740 | JB | RIM = 965.03' INV IN = 953.73' (S) | |
| S-2760 | HW | INV IN = 944.88' (N) | |
| S-2800 | HW | INV IN = 944.93' (SW) | |
| S-2810 | HW | INV IN = 944.97' (SW) | |
| S-2820 | HW | INV IN = 944.91' (SW) | |
| S-2830 | HW | RIM = 949.83' INV IN = 944.91' (SW) | |

STRUCTURE TABLE C-126

| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|-----------------------------|--|----------|
| S-2311 | PIPE | RIM = 948.44' INV OUT = 943.78' (NW) | |
| S-2312 | HW | RIM = 948.52' INV IN = 943.60' (SE) | |
| S-2320 | HW | RIM = 949.79' INV OUT = 946.50' (SE) | |
| S-2330 | JB | RIM = 949.75' INV IN = 945.00' (NW) INV OUT = 944.60' (SE) | |
| S-2340 | NEW HEADWALL AT END OF PIPE | INV IN = 945.80 (NW) | |

STRUCTURE TABLE C-127

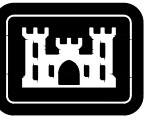
| STRUCTURE NAME | STRUCTURE TYPE | STRUCTURE DETAIL | COMMENTS |
|----------------|----------------|------------------------|----------|
| S-2805 | HW | INV OUT = 948.55' (NE) | |
| S-2815 | HW | INV OUT = 948.66' (NE) | |
| S-2825 | HW | INV OUT = 948.55' (NE) | |
| S-2835 | HW | INV OUT = 948.50' (NE) | |

D

C

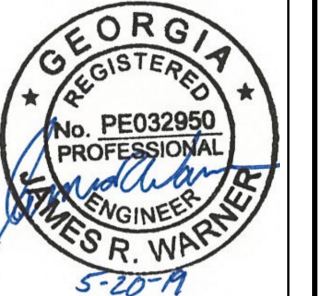
B

A



US Army Corps of Engineers Louisville District

James R. Warner, P.E. P.E. No. 032950, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | | | |
|-------------------------|------------------------|-------------------------|-------------------------------|
| DESIGNED BY: J. WARNER | ISSUE DATE: 05/02/2019 | DESIGNED BY: J. WARNER | FILE NUMBER: 470564-C-601.0M3 |
| CHECKED BY: B. MATTHEWS | SOLICITATION NO.: | CHECKED BY: B. MATTHEWS | CONTRACT NO.: |
| SUBMITTED BY: S. BAILEY | FILE NUMBER: | SUBMITTED BY: S. BAILEY | FILE NAME: 470564-C-601.dwg |
| ES&S | SIZE: | ES&S | ANSI: |

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

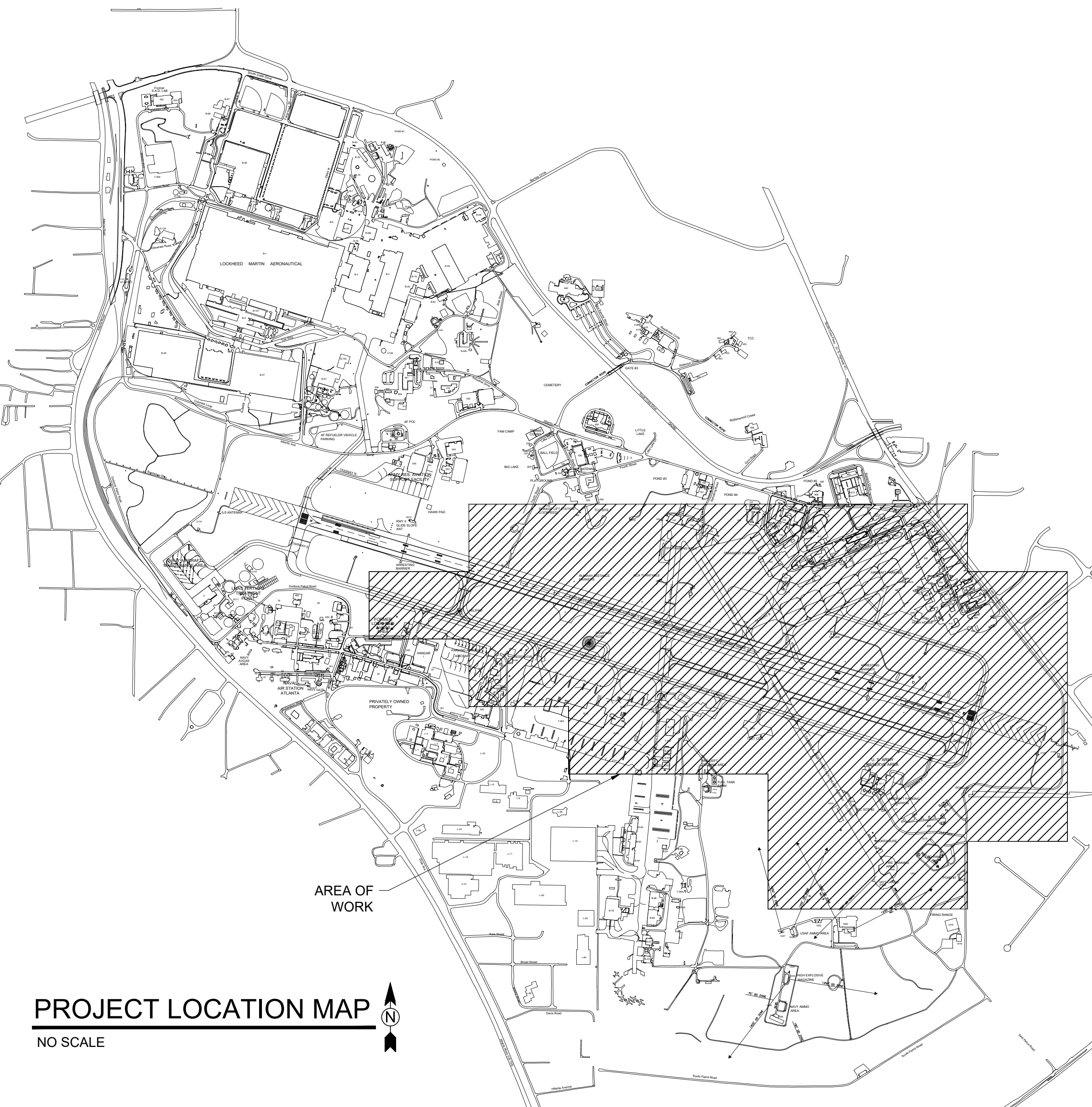
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
400 PARSONS AVE.
FLORENCE, KY 40302
PH: (502) 248-2098
FAX: (502) 248-1956
www.tetra-tech.com

PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470564
STORM DRAINAGE
STRUCTURE TABLES

DOBBINS AIR RESERVE BASE MARIETTA, GEORGIA

EROSION CONTROL PLAN

PROJECT NO.: FGWB 04-0014P2A/B



PROJECT LOCATION MAP

NO SCALE

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

GENERAL NOTES

- CONTRACTOR IS TO ADHERE TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL" FOR GEORGIA.
- EROSION CONTROL FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE DURING CONSTRUCTION FOR CONTINUAL MAINTENANCE OF EROSION CONTROL MEASURES AS SHOWN ON THE DRAWINGS AND STATED IN THE SPECIFICATIONS.
- THERE ARE NO CURRENT APPARENT EROSION CONTROL PROBLEMS ON SITE. CONTRACTOR SHALL TAKE PROCEDURES AS NECESSARY TO PREVENT EROSION AND SEDIMENT TRANSPORT DURING CONSTRUCTION.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES, IF NECESSARY, SHALL BE IMPLEMENTED AS DIRECTED BY THE PROJECT ENGINEER OR EROSION CONTROL INSPECTOR.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. THE CONTRACTOR MUST CLEAN ALL SEDIMENT TRAPS AS REQUIRED BY THE PROJECT DRAWINGS, SPECIFICATIONS, AND THE GEORGIA GENERAL PERMIT GAR 100001.
- FAILURE TO INSTALL, OPERATE AND MAINTAIN ALL EROSION CONTROL MEASURES AS SHOWN ON THE APPROVED PLANS OR AS DIRECTED BY THE COR AND/OR LOCAL CITY AND STATE MAY RESULT IN ALL WORK ON THE CONSTRUCTION SITE BEING STOPPED UNTIL PROPER CORRECTIVE MEASURES HAVE BEEN MET, AS REQUIRED AND/OR DIRECTED.
- THERE ARE NO KNOWN ENDANGERED SPECIES, OR CULTURAL RESOURCES LOCATED WITHIN 200 FT. OF THE AREA OF DISTURBANCE FOR THIS SITE.
- THERE ARE WETLANDS AND STATE WATERS LOCATED WITHIN 200 FEET. OF THE AREA OF DISTURBANCE FOR THIS SITE. SEE PLAN SHEETS FOR LOCATIONS.
- TEMPORARY EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL THE SITE IS STABILIZED AND INSPECTED. ALL TEMPORARY MEASURES SHALL BE REMOVED BY THE CONTRACTOR UPON SUBMITTAL OF NOTICE OF TERMINATION.
- SILT FENCE SHALL BE REMOVED 7 DAYS AFTER STABILIZATION WITH SOD IN COMMON AREAS. IN CRITICAL AREAS, SILT FENCE SHALL BE REMOVED IN 30 DAYS.
- SODDING AREAS: FOR THE FIRST FOURTEEN CALENDAR DAYS AFTER SODDING, SOD SHALL BE WATERED TWICE PER DAY WITH 1/2 INCH OF WATER PER APPLICATION. FOR THE NEXT 14-DAYS SOD SHALL BE WATERED ONCE PER DAY WITH 1/2 INCH OF WATER PER APPLICATION. THE CONTRACTOR SHALL USE WATER TRUCKS FOR WATERING. SOD SHALL BE INSPECTED AT END OF THE THE 28 DAY PERIOD WITH THE CONTRACTING OFFICER FOR APPROVAL.

BMP SYMBOLS LEGEND

- CONSTRUCTION ENTRANCE
SEE DETAIL B2/CE501
- SILT FENCE, TYPE 'C'
SEE DETAIL A1/CE501
- INLET PROTECTION - BAFFLE BOX
SEE DETAIL B3/CE502
- PERMANENT SODDING
SEE DETAIL C1/CE502
- DUST CONTROL
SEE DETAIL A3/CE501
- STORM DRAIN OUTLET PROTECTION
SEE DETAIL A4/CE502
- CHECK DAM
SEE DETAIL A3/CE502
- INLET PROTECTION - SILT SAVER
SEE DETAIL A1/CE502
- DRAINAGE AREA BOUNDARY

| TYPE OF PERMIT, REGISTRATION, OR REQUIRED LOCAL/STATE SUBMITTAL APPROVAL | PURPOSE/COMMENT FROM CONCERNED AGENCY | GOVERNING AUTHORITY | RESPONSIBLE PARTY |
|--|--|---|--|
| General Storm Water NPDES for Construction Activities | Erosion and Sedimentation Control Plans, Notes and Details to be Reviewed and Approved | Frank Gipson, Manager Erosion and Sediment Control Division Cobb County PO Box 649 Marietta, Georgia 30061 770-528-2190 | Plans have been submitted as part of the design process. Contractor must file Notice of Intent and pay fee of \$40 per disturbed acre prior to start of work. Contractor must also file a Notice of Termination at project completion. |

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
5-23-19
GSW/C LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

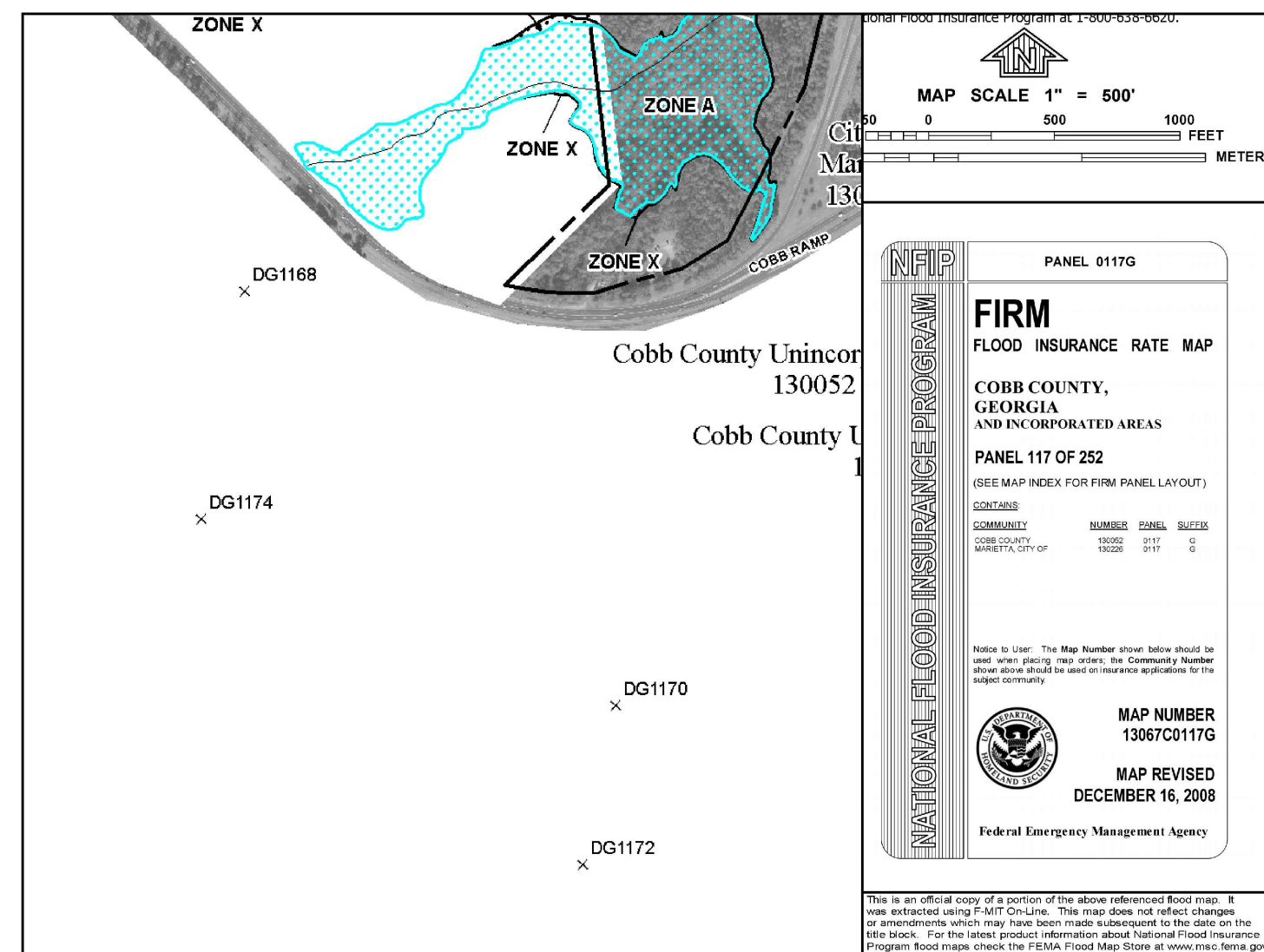
FILE NAME: CE001.dwg
SIZE: ANSI D

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

TETRA TECH, INC.
2000 PARKWAY LANE
LOUISVILLE, KY 40203
TEL: 502-261-4000
FAX: 502-261-4006
POND JOB NO. 118006

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470584
EROSION CONTROL COVER SHEET

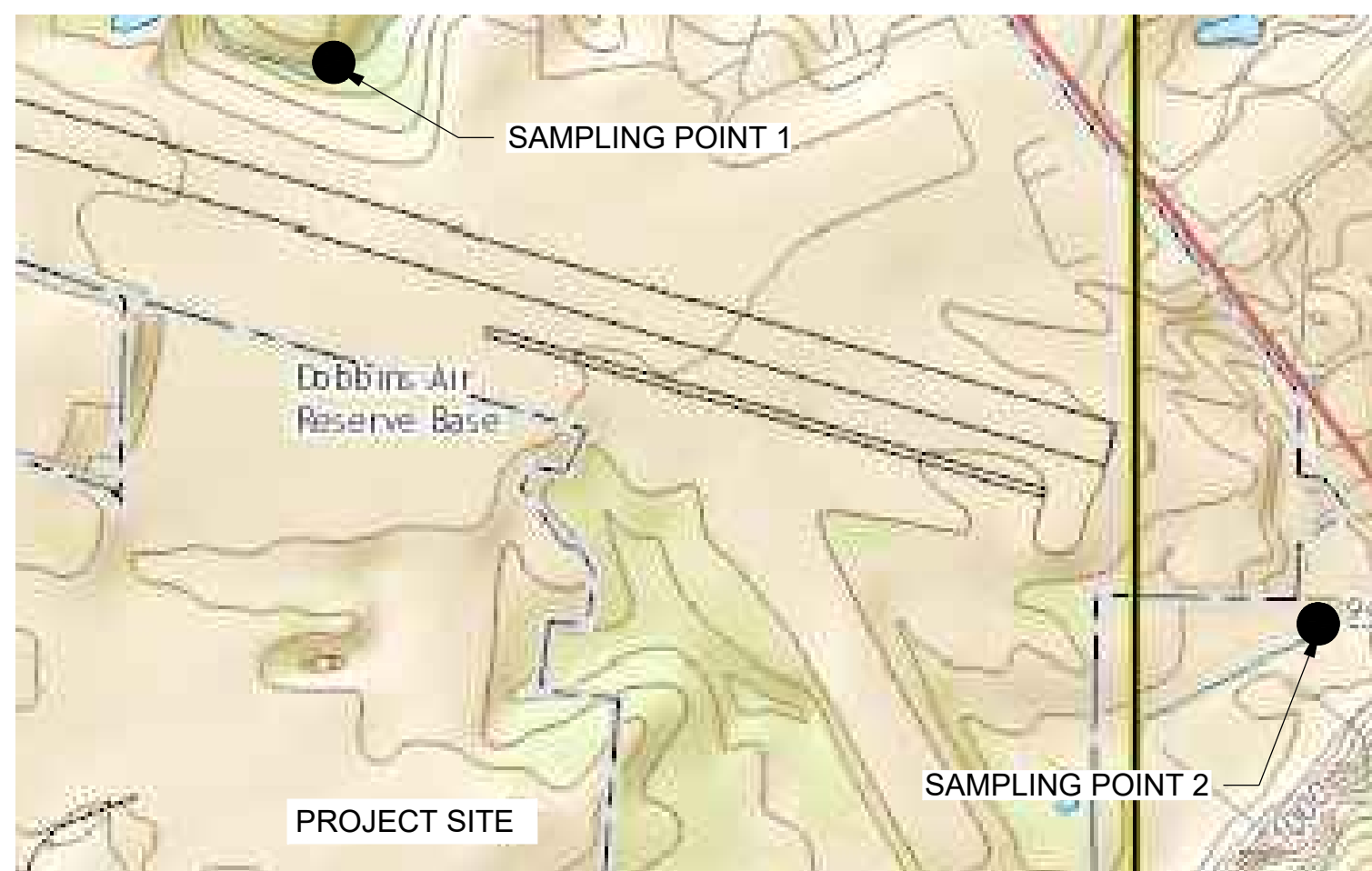
SHEET ID
CE001



FEMA FLOOD MAP - FM13067C0117G
EFFECTIVE DATE 12/16/2008

SCALE: N.T.S.

NOTE:
PROJECT SITE IS LOCATED WITHIN FEMA FLOOD MAP 13067C0117G EFFECTIVE DECEMBER 16, 2008. PROJECT SITE IS HIDDEN FROM VIEW ON THE FIRM MAP FOR SECURITY PURPOSES; HOWEVER, THE PROJECT SITE AND SURROUNDING VICINITY IS WITHIN FLOOD ZONE X.



USGS TOPOGRAPHIC MAP LOCATED IN COBB COUNTY, GEORGIA

B1 SAMPLING PLAN
SCALE: N.T.S.

RECORD OF DATES - CONSTRUCTION ACTIVITIES

(NOTE TO PERMITTEE(S): COMPLETE THE FOLLOWING TABLE TO INCLUDE THE DATES WHEN INITIAL CONSTRUCTION ACTIVITIES COMMENCE, MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED. THE DESIGN PROFESSIONAL WHO PREPARED THIS PLAN SHALL BE NOTIFIED WHEN THIS TABLE IS AMENDED.)

| DATE | DESCRIPTION OF CONSTRUCTION ACTIVITY |
|------|--------------------------------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN GENERAL NOTES

(IN CONFORMANCE WITH STATE OF GEORGIA GENERAL NPDES PERMIT NO. GAR 100001)

- A COPY OF THE APPLICABLE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN CHECKLIST IS LOCATED ON CE004.
- LEVEL II CERTIFICATION OF DESIGN PROFESSIONAL:
JAMES A. SWIFT, PE
GEORGIA PE NO. 034223
GSWCC LEVEL II CERTIFICATION NO: 0000064846
- PROJECT LIMITS OF DISTURBANCE IS LESS THAN 50 ACRES.
- 24-HOUR EROSION, SEDIMENTATION, AND POLLUTION CONTROL CONTACT:
NAME: TO BE ASSIGNED UPON SELECTION OF THE CONTRACTOR.
- PRIMARY PERMITTEE:
DOBBINS AIR RESERVE BASE, BASE CIVIL ENGINEERING
1291 COBB PARKWAY SOUTH
MARIETTA, GA 30067
- TOTAL PROJECT AREA: 46.3 AC DISTURBED AREA: 46.3 AC
- CONSTRUCTION EXIT GPS LOCATION
NORTH 33.92 N, 84.52 W
SOUTH 33.91 N, 84.50 W
- INITIAL PLAN DATE AND REVISION DATES ARE SHOWN IN THE TITLE BLOCK.
- THE EXISTING SITE CONSISTS PRIMARILY OF AN AIRFIELD WITH ASSOCIATED ACCESS ROADS & DRAINAGE FEATURES. THE PROPOSED SITE WILL MATCH THE EXISTING WITH THE REPLACEMENT OF STORM DRAINAGE AND THE REMOVAL OF TREES NEAR THE LAKE.
- VICINITY MAP IS LOCATED ON CE001.
- PROJECT RECEIVING WATER: ROTTENWOOD CREEK

STATE WATERS EXIST ON OR WITHIN 200' OF THE PROJECT SITE.

WETLANDS EXIST ON OR WITHIN 200' OF THE PROJECT SITE.
AREA OF ON-SITE WETLANDS: 0.37 AC

WETLAND CERTIFICATION: THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING: 1) THE NATIONAL WETLAND INVENTORY MAPS HAVE BEEN CONSULTED; AND, 2) THE APPROPRIATE PLAN SHEET DOES INDICATE AREAS OF UNITED STATES ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS; AND, 3) IF WETLANDS ARE INDICATED, THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED.
- I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.

JAMES A. SWIFT, P.E.
LEVEL II CERTIFICATION NO: 0000064846 DATE: 03/09/2021
- I CERTIFY THAT THE PERMITEE'S EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL), PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001.

JAMES A. SWIFT, P.E.
LEVEL II CERTIFICATION NO: 0000064846 DATE: 03/09/2021
- THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WITHIN 7 DAYS AFTER INSTALLATION.
- NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50 FOOT UNDISTURBED BUFFER AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25 FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
- PROJECT BUFFER ENCROACHMENTS: STATE AND LOCAL BUFFER REQUIREMENTS ARE SHOWN ON DESIGN DRAWINGS.
- AMENDMENTS/REVISIONS TO THE ES&C PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED

BY THE DESIGN PROFESSIONAL.

- WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- CONSTRUCTION ACTIVITY FOR THIS PROJECT DOES NOT DISCHARGE INTO AN IMPAIRED STREAM SEGMENT. THE PROJECT IS GREATER THAN 1 LINEAR MILE UPSTREAM OF AN IMPAIRED STREAM SEGMENT.
- A TMDL IMPLEMENTATION PLAN FOR SEDIMENT IS NOT APPLICABLE TO THIS PROJECT.
- CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS, AND THE REAR OF VEHICLES WILL ONLY BE ALLOWED IN A DESIGNATED AREA PROVIDED FOR THIS PURPOSE, AS SHOWN ON THE DRAWINGS. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE FOLLOWED:
 - CONTAIN ALL WASH WATER ON SOIL, IN A BOWL SHAPED AREA CREATED IN THE DESIGNATED WASH AREA TO PREVENT THE WASH WATER FROM FLOWING FROM THE WASHOUT AREA;
 - USE THE MINIMUM AMOUNT OF WATER TO WASH DOWN TOOLS, CONCRETE MIXER CHUTES, HOPPERS, AND THE REAR OF VEHICLES;
 - REMOVE ANY CONCRETE SEDIMENT FROM THE AREA SURROUNDING THE WASHOUT AREA BEFORE IT HARDENS; AND
 - REMOVE ALL CONCRETE RESIDUE FROM THE DESIGNATED AREA ONCE IT HAS HARDENED.
- SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPCC) PLAN: LOCAL, STATE, AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND PROCEDURES SHALL BE MADE AVAILABLE TO SITE PERSONNEL.
 - MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST, AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
 - SPILL PREVENTION PRACTICES AND PROCEDURES SHALL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
 - ALL SPILLS WILL BE CLEANED IMMEDIATELY UPON DISCOVERY. ALL SPILLS SHALL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
 - THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL IN THE STORM WATER DISCHARGE(S) FROM A SITE SHALL BE PREVENTED.
 - WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTING QUANTITY ESTABLISHED UNDER EITHER GEORGIA'S OIL OR HAZARDOUS MATERIAL SPILLS OR RELEASES ACT (O.C.G.A. SEC. 12-14-2, ET SEQ.), 40 CFR 117, OR 40 CFR 302 OCCURS DURING A 24-HOUR PERIOD, THE PERMITEE IS REQUIRED TO NOTIFY EPD AT (404) 656-4863 OR (800) 241-4113 AND THE NATIONAL RESPONSE CENTER (NRC) AT (800) 424-8802 IN ACCORDANCE WITH THE REQUIREMENTS OF GEORGIA'S OIL OR HAZARDOUS MATERIAL SPILLS OR RELEASES ACT (O.C.G.A. SEC. 12-14-2, ET SEQ.), 40 CFR 117, AND 40 CFR 302 AS SOON AS HE HAS KNOWLEDGE OF THE DISCHARGE.
 - FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER) OR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) SHALL BE CONTACTED WITHIN 24 HOURS AT (800) 424-8802.
 - FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD SHALL BE CONTACTED WITHIN 24 HOURS AT (404) 656-4863 OR (800) 241-4113.
 - FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL SHALL BE CLEANED AND LOCAL AGENCIES SHALL BE CONTACTED AS REQUIRED.
- GENERAL NPDES PERMIT NO. GAR 100001 DOES NOT AUTHORIZE THE DISCHARGE OF HAZARDOUS SUBSTANCES OR OIL RESULTING FROM AN ON-SITE SPILL. THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1,320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY A LICENSED PROFESSIONAL.
- POST-CONSTRUCTION STORMWATER MANAGEMENT: NO ADDITIONAL STORMWATER MANAGEMENT FACILITIES ARE REQUIRED FOR THIS PROJECT. EXISTING STORMWATER MANAGEMENT FACILITIES ARE TO REMAIN.
- BUILDING MATERIAL COVER: FOR BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS,

FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS PRESENT ON THE SITE, PROVIDE COVER (E.G. PLASTIC SHEETING, TEMPORARY ROOFS) TO MINIMIZE THE EXPOSURE OF THESE PRODUCTS TO PRECIPITATION AND TO STORMWATER, OR A SIMILARLY EFFECTIVE MEANS DESIGNED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THESE AREAS. MINIMIZATION OF EXPOSURE IS NOT REQUIRED IN CASES WHERE EXPOSURE TO PRECIPITATION AND TO STORMWATER WILL NOT RESULT IN A DISCHARGE OF POLLUTANTS, OR WHERE EXPOSURE OF A SPECIFIC MATERIAL OR PRODUCT POSSES LITTLE RISK TO STORMWATER CONTAMINATION (SUCH AS FINAL PRODUCTS AND MATERIALS INTENDED FOR OUTDOOR USE).

28. REDUCTION OF POLLUTANTS IN STORMWATER DISCHARGES WITH PRODUCT SPECIFIC PRACTICES:

PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

PAINTS/FINISHES/SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED INTO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS, AND PRODUCT CONTAINERS WILL BE DISPOSED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

CONCRETE/MASONRY - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON SITE. THE CONCRETE PROVIDER HAS RESPONSIBILITY TO ENSURE APPROPRIATE TRAINING HAS BEEN PROVIDED TO THEIR TRUCK DRIVERS, AND MUST PROVIDE APPROPRIATE DETAILS AND RESOURCES TO ENABLE THEM TO COMPLETE A DELIVERY WITHOUT CAUSING POLLUTION. CHUTES, BARRELS, WHEELBARROWS AND OTHER EQUIPMENT MUST BE RINSED IN THE SITE WASH-DOWN AREA. SWEEP OR SHOVEL ANY SPILLS THAT OCCUR AND ALLOW RESIDUE TO SET BEFORE REMOVING. THE HARDENED RESIDUE MAY THEN BE PLACED IN A DESIGNATED CONCRETE/MASONRY RECYCLING BIN ON SITE. DO NOT WASH CONCRETE/MASONRY INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS. TRUCKS SHOULD NOT TRACK ANY CONCRETE OR MUD AND SEDIMENT OFF SITE.

FERTILIZER/HERBICIDES - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS, THE CROP ESTABLISHMENT GUIDELINES, OR THE SPECIFICATIONS CONTAINED WITHIN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.

BUILDING MATERIALS - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF USING PROPER WASTE DISPOSAL PROCEDURES.

29. CONSTRUCTION ACTIVITY TIMELINE:

| ACTIVITY | TIME / MONTHS | | | | | |
|--|---------------|-----|-----|-----|------|-------|
| | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 |
| INSTALLING PERIMETER CONTROL | █ | | | | | |
| DEMOLISHING, GRADING, STORM SEWER, AND FLUME INSTALLATION. | | █ | █ | █ | █ | |
| MAINTAINING SILT FENCE AND ALL TEMPORARY SEDIMENT AND EROSION CONTROL. | | █ | █ | █ | █ | |
| APPLICATION OF TEMPORARY & PERMANENT GRASS | | | █ | █ | █ | |
| PERMANENT SODDING OF DISTURBED AREA | | | | | | █ |

*SCHEDULE FOR PERMITTING PURPOSES ONLY. REFER TO OFFICIAL PROJECT SCHEDULE (AS PROVIDED BY CONTRACTOR AND APPROVED BY COR) FOR OFFICIAL DATES AND DURATIONS.



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 0000064846 EXP. 03/09/2021

| ISSUE DATE: | SOLUTION NO.: | CONTRACT NO.: | FILE NUMBER: | FILE NAME: | ANSI: |
|-------------|---------------|---------------|--------------|------------|-------|
| 05/20/2019 | | | | CE002.dwg | |

| DESIGNED BY: | CHECKED BY: | SUBMITTED BY: | FILE NAME: |
|--------------|-------------|---------------|------------|
| J. MAIOCCO | J. SWIFT | J. SWIFT | CE002.dwg |

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

POND
POND DESIGN & CONSTRUCTION
2800 PARKWAY LAKE
LOUISVILLE, KENTUCKY 40202
PH: (502) 248-4000
FAX: (502) 248-4006
WWW.PONDDESIGN.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL NOTES

SHEET ID
CE002

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN GENERAL NOTES (CONT.)

(IN CONFORMANCE WITH STATE OF GEORGIA GENERAL NPDES PERMIT NO. GAR 100001)

30. INSPECTION REQUIREMENTS IN ACCORDANCE WITH PART IV.D.4. INSPECTIONS - PERMITTEE REQUIREMENTS

- 1) EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE... 2) MEASURE RAINFALL ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY... 3) CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS... 4) CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT... 5) BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN... 6) A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF PERSONNEL MAKING EACH INSPECTION...

31. SAMPLING FREQUENCY (PART IV.D.4.d) AND REPORTING (PART IV.E)

- (1). THE PRIMARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN ONE (1) ACRE AND TERTIARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN FIVE (5) ACRES MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW...

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

(2). HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.

(3). SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

- (A). FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT ALLOWS FOR SAMPLING DURING NORMAL BUSINESS HOURS... (B). IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL... (C). AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE... (D). WHERE SAMPLING PURSUANT TO (A), (B), OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE... (E). EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT...

SUBSEQUENT TO THE INITIAL SAMPLING REQUIRED ABOVE, THE SITE CONTRACTOR SHALL BE REQUIRED TO CONTINUE TO TAKE STORMWATER SAMPLES AS NECESSARY AT THE INDICATED OUTFALL LOCATION.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING AT ANY TIME OF THE DAY OR WEEK.

PART IV.E. REPORTING

- 1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT A SUMMARY OF THE MONITORING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD... 2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION: A. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS; B. THE NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE SAMPLING AND MEASUREMENTS; C. THE DATE(S) ANALYSES WERE PERFORMED; D. THE TIME(S) ANALYSES WERE INITIATED; E. THE NAME(S) OF THE CERTIFIED INDIVIDUAL(S) WHO PERFORMED THE ANALYSES; F. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE... 3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE

SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE APPLICABLE PERMITTEES SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. IF AN ELECTRONIC SUBMITTAL IS PROVIDED BY EPD THEN THE WRITTEN CORRESPONDENCE MAY BE SUBMITTED ELECTRONICALLY; IF REQUIRED, A PAPER COPY MUST ALSO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE.

32. RETENTION OF RECORDS IN ACCORDANCE WITH PART IV.F.

- 1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI: A. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD; B. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT; C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT; D. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT; E. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT; F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; G. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.(1)(C) OF THIS PERMIT. 2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT...

33. PART IV.D.6. SAMPLING REQUIREMENTS

THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE NOT PART OF A SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

- (1) MAP: REFER TO CE001 FOR SAMPLING PLAN MAP. (2) NARRATIVE: TWO OUTFALL SAMPLING POINTS ARE REQUIRED FOR THE SITE. THE SAMPLING POINTS ARE LOCATED AT THE STORMWATER OUTFALLS THAT ENTER AND LEAVE THE PROJECT AREA. AN SS101 STORMWATER SAMPLER BY GLOBAL WATER (OR EQUIVALENT) WILL BE USED TO COLLECT AND HANDLE THE STORM WATER DISCHARGE SAMPLES PRIOR TO ANALYSIS. PART OF THIS SAMPLING PLAN INCLUDES THE SS101 STORMWATER SAMPLER USER'S MANUAL BY GLOBAL WATER (OR EQUIVALENT). THE STORM WATER SAMPLES WILL BE ANALYZED USING THE LAMOTTE 2020 TURBIDIMETER (OR EQUIVALENT). PART OF THIS SAMPLING PLAN INCLUDES THE INSTRUCTION MANUAL FOR THE LAMOTTE 2020 TURBIDIMETER BY LAMOTTE COMPANY (OR EQUIVALENT). THE OUTFALL SAMPLING POINTS ARE LOCATED WITHIN A WARM WATER FISHERY. IN ACCORDANCE WITH THE NPDES PERMIT, THE NEPHELOMETRIC TURBIDITY UNIT (NTU) VALUE AT THE DOWNSTREAM LOCATION SHALL BE NO HIGHER THAN 75 UNIT SINCE THE SITE IS BETWEEN 1.0-10 ACRES AND THE DRAINAGE AREA IS LESS THAN 5 SQUARE MILES. b. SAMPLE TYPE. ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD. (1). SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES. (2). SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A

- SECONDARY CONTAINER. (3). LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION. (4). MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED. (5). SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

c. SAMPLING POINTS.

- (1). FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN ONE (1) ACRE AND TERTIARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN FIVE (5) ACRES MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES: (A). THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E. THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE. (B). THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE. (C). IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL(S). (D). CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL. (E). THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM. (F). THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS. (G). PERMITTEES DO NOT HAVE TO SAMPLE SHEETFLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS THE USE OF RIP RAP, GABIONS, PERMANENT MULCHES OR GEOTEXTILES) HAVE BEEN USED. PERMANENT VEGETATION SHALL CONSIST OF: PLANTED TREES, SHRUBS, PERENNIAL VINES; A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE TIME OF YEAR AND REGION; OR A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION. FINAL STABILIZATION APPLIES TO EACH PHASE OF CONSTRUCTION. (H). ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORM WATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS III.D.3. OR III.D.4., WHICHEVER IS APPLICABLE.

34. APPENDIX B RATIONALE FOR NTU VALUE: THIS PROJECT IS LOCATED NEAR WATERS SUPPORTING WARM WATER FISHERIES. THE PROJECT SIZE IS BETWEEN 1.0-10 ACRES WITH A SURFACE WATER DRAINAGE AREA OF 0-4.99 SQUARE MILES. THUS, THE APPLICABLE NEPHELOMETRIC TURBIDITY UNITY (NTU) IS 75 NTU. REFER TO SHEET CE005 FOR THE APPENDIX B NTU TABLE.

35. REFER TO CE001 FOR DELINEATION OF ALL SAMPLING LOCATION, PERENNIAL AND INTERMITTENT STREAM, AND OTHER WATER BODIES INTO WHICH STORMWATER IS DISCHARGE.

US Army Corps of Engineers Louisville District logo and professional seal for James A. Swift, P.E. No. 034223, GA.

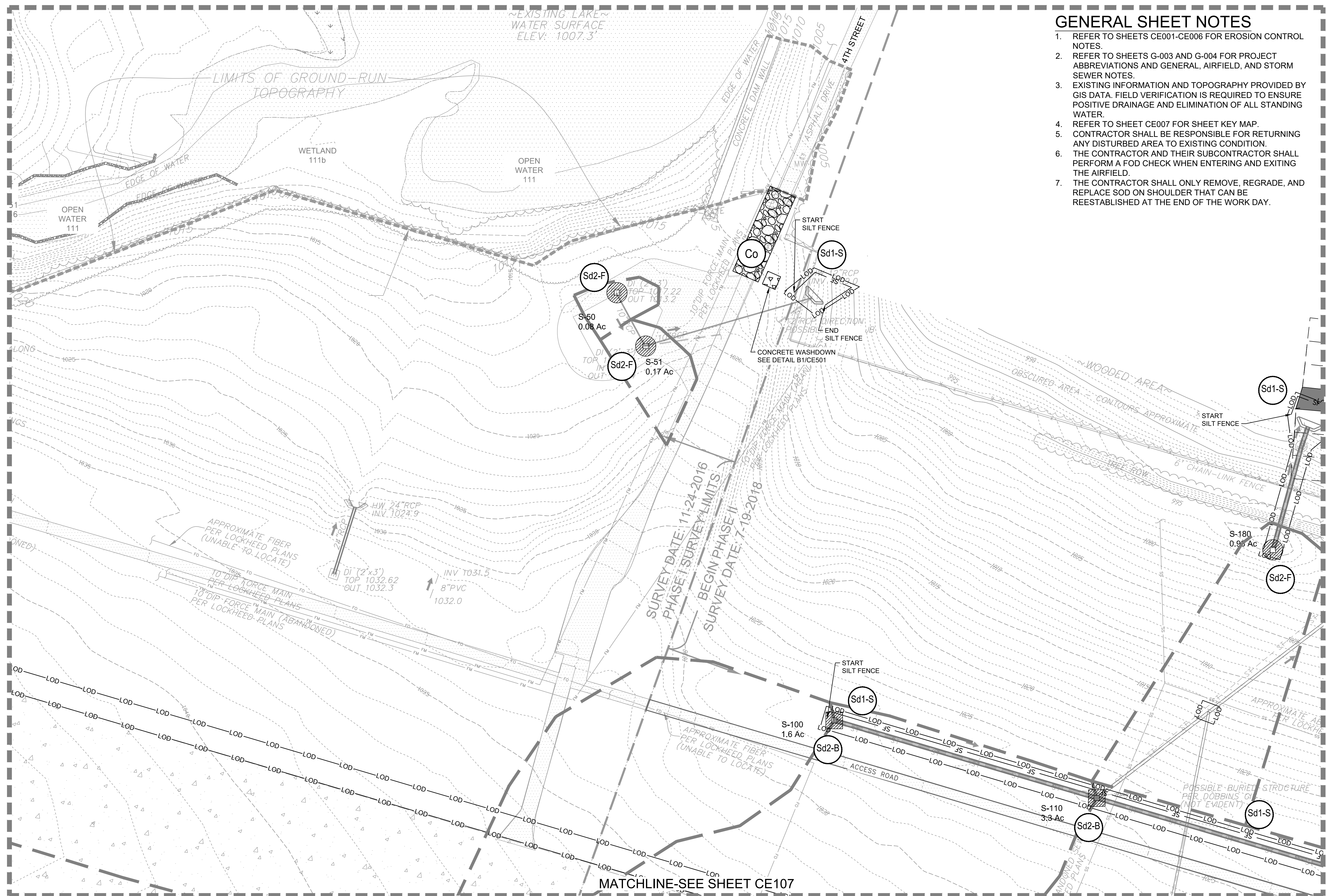
Table with columns: MARK, DESCRIPTION, DATE

Project information: ISSUED DATE: 05/20/2019, SOLICITATION NO.: 40210-0059, CONTRACT NO.: J. SWIFT, FILE NUMBER: CE002.dwg, DESIGNED BY: G. MAJORS, CHECKED BY: J. SWIFT, SUBMITTED BY: J. SWIFT, FILE NAME: CE002.dwg

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2 DOBBINS AIR RESERVE BASE, GEORGIA PROJECT NO.: FGWB 04-0014P2A/B P#: 470584 EROSION CONTROL NOTES

SHEET ID CE003

FILE PATH: M:\USACE_LOUISVILLE DISTRICT\1180638 TT-POND DOBBINS PHASE II\DRAINAGE\IM.CAD_BIM\04.02.CAD\CE002.PLOTTED: 05/10/2019 BY: MAJORS, CHRISTIAN



GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-22-14
GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: J. SWIFT
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE101.dwg
SIZE: ANSID

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARKWAY LAKE
PLACEMINTE CORPORA, GA 30002
PH: (606) 254-4000
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

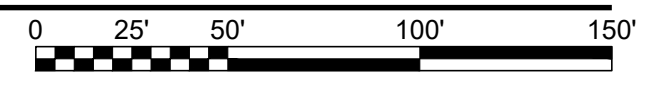
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

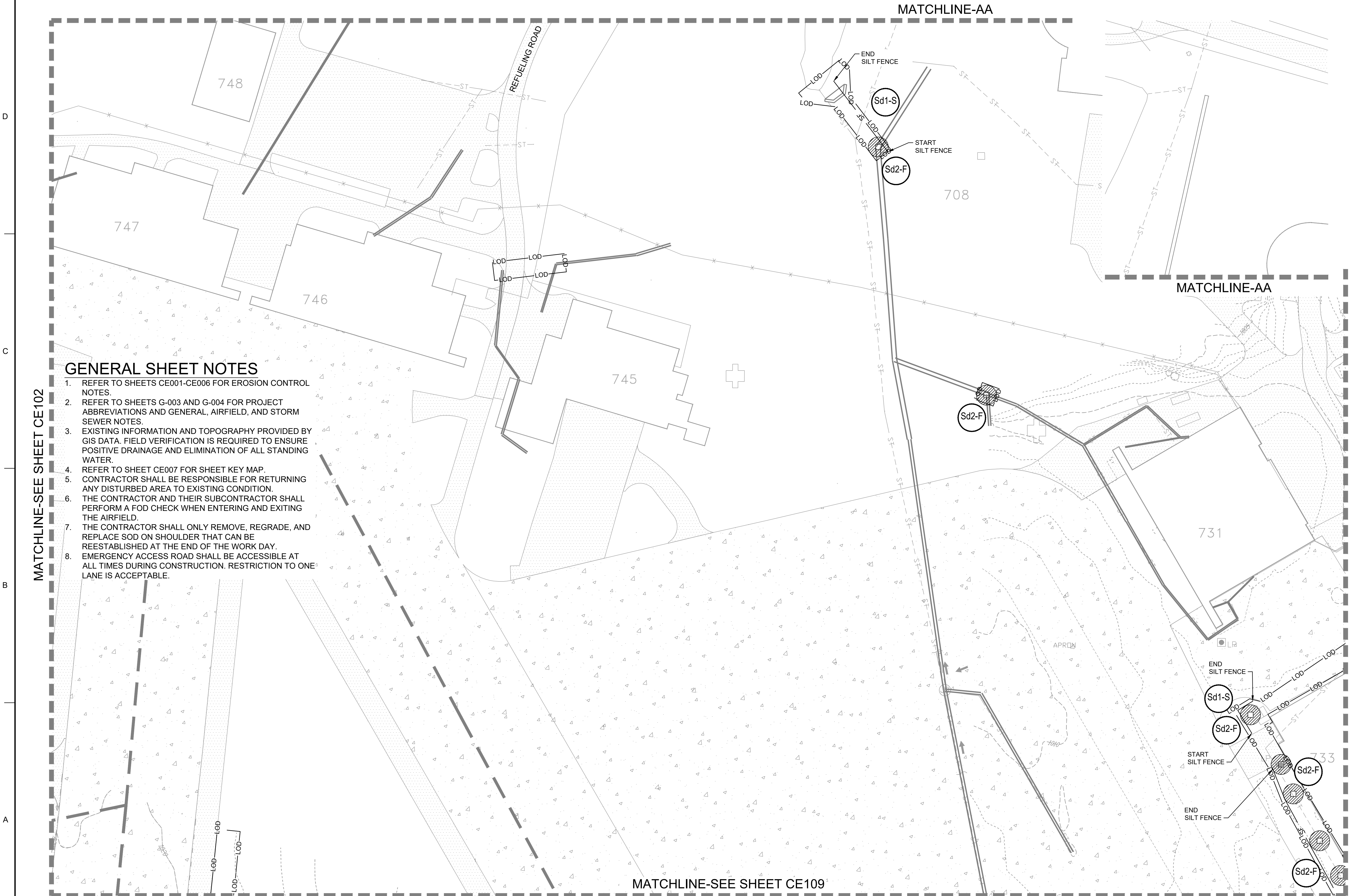
EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



SHEET ID
CE101

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

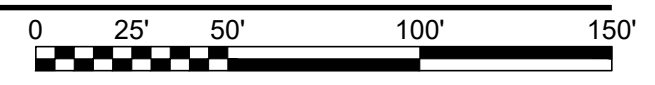


GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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. EMERGENCY ACCESS ROAD SHALL BE ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION. RESTRICTION TO ONE LANE IS ACCEPTABLE.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL
SCALE: 1" = 50'



US Army Corps of Engineers®
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 034223
JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 0000064848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE101.dwg
SIZE: ANSID

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARKWAY LAKE
PLACEMINTE CORPORA, GA 30002
PHONE: 502.254.4000
FAX: 502.254.1756
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE103

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: J. SWIFT | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| SIZE: ANSI D | FILE NAME: CE101.dwg |

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

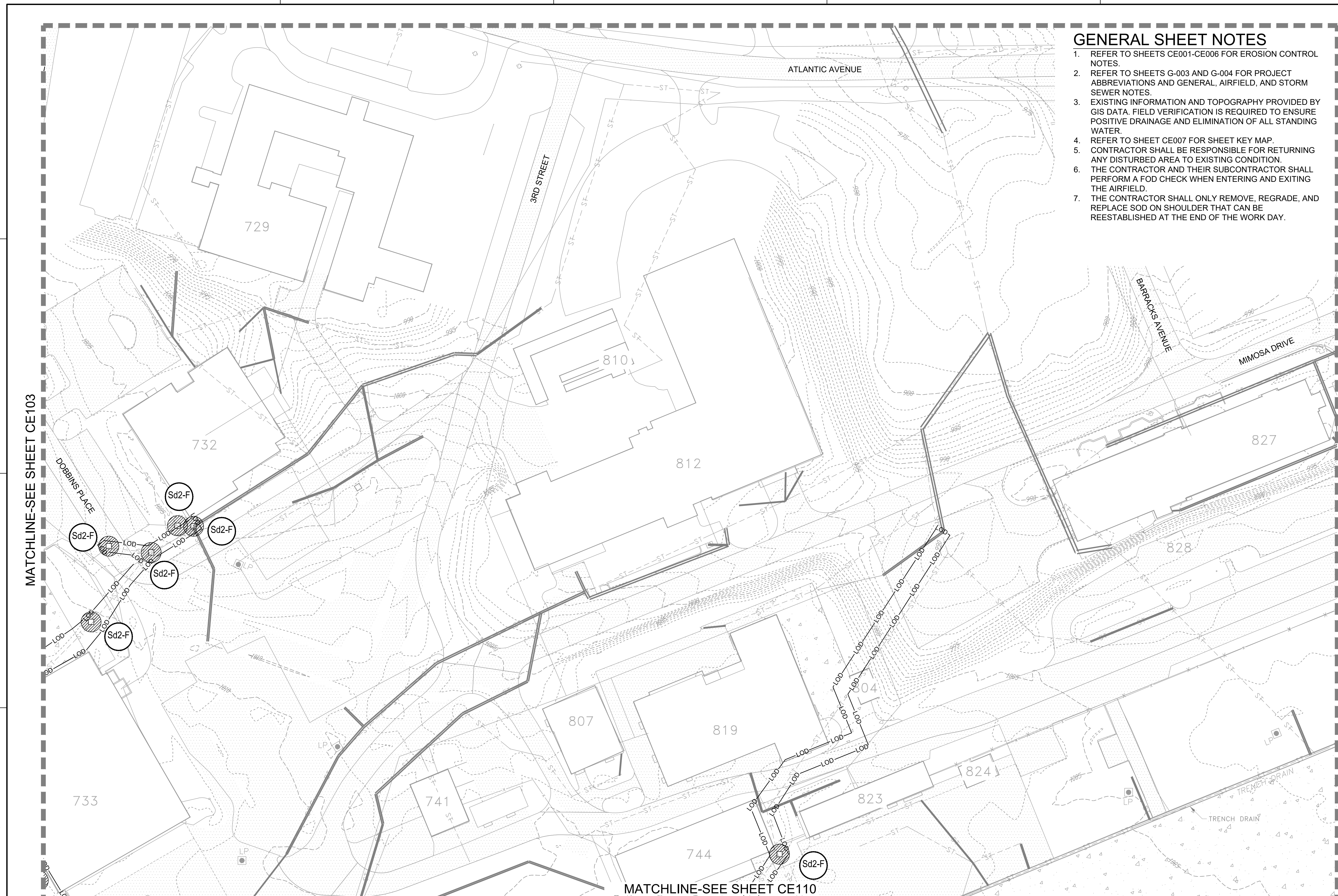
POND

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARKWAY LAKE
FLORENCE, KY 40302
TEL: 502.254.4900
FAX: 502.254.4906
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE104



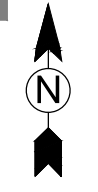
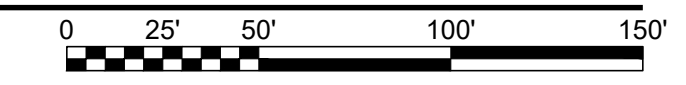
MATCHLINE-SEE SHEET CE103

MATCHLINE-SEE SHEET CE110

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

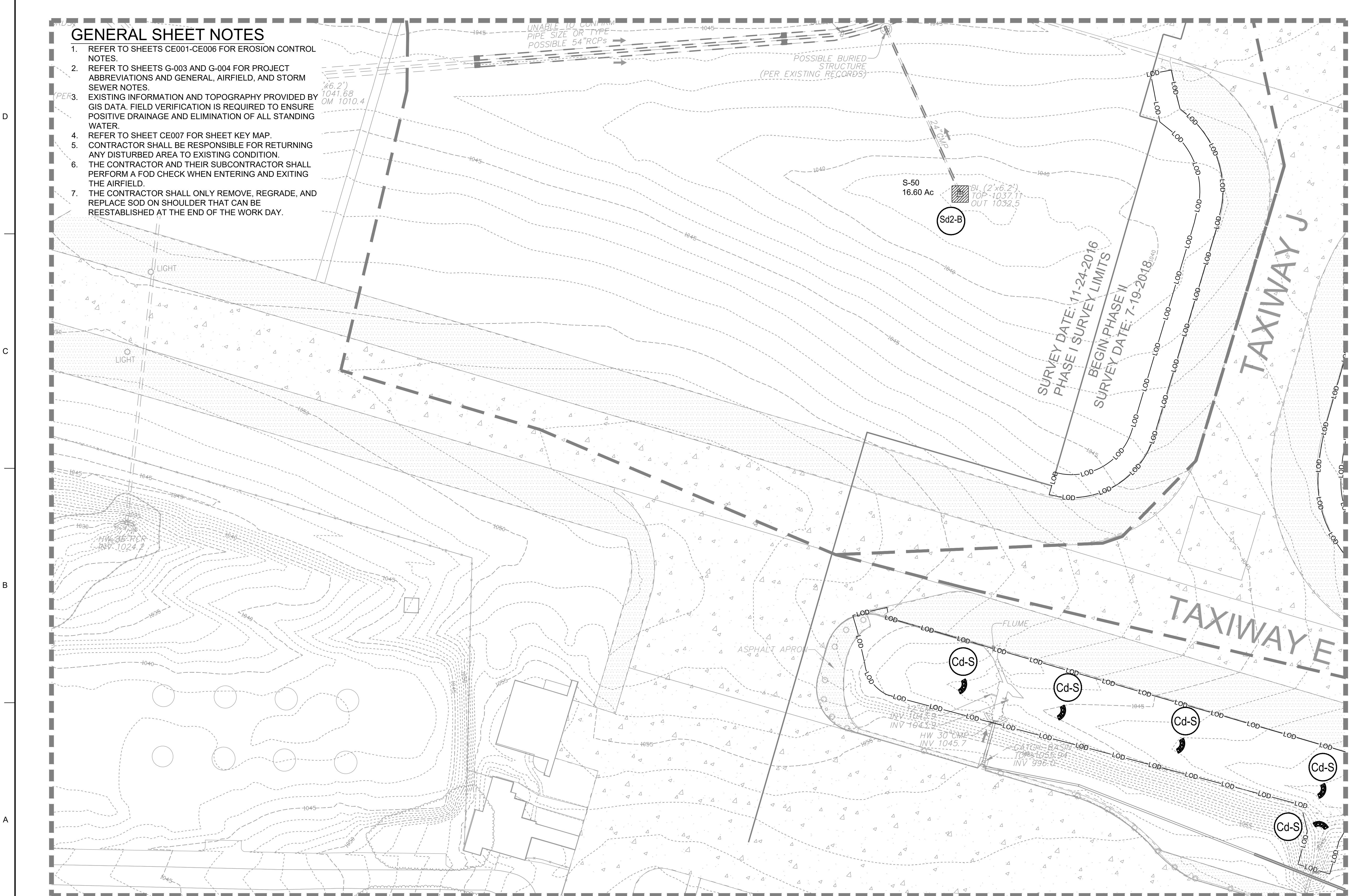
SCALE: 1" = 50'



FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

GENERAL SHEET NOTES

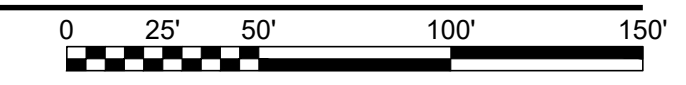
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



MATCHLINE-SEE SHEET CE107



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064846 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MAIOCCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| SIZE: ANSI D | FILE NAME: CE101.dwg |

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

POND
TETRA TECH, INC.
2800 PARKWAY LAKE
PLACEMINNE CORPORA, GA 30072
PH: (770) 244-4000
FAX: (770) 244-1836
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE106

FILE PATH: M:\USACE_LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

MATCHLINE-SEE SHEET CE101

MATCHLINE-SEE SHEET CE106

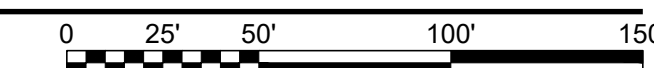
MATCHLINE-SEE SHEET CE108

MATCHLINE-SEE SHEET CE113

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064846 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|-------------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MAIOCCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSID_CE101.dwg | |

U.S. ARMY CORPS OF ENGINEERS
 LOUISVILLE DISTRICT
 LOUISVILLE, KENTUCKY 40210-0059
POND
 2800 PARKWAY, SUITE 300
 FLORENCE, KENTUCKY 40002
 PHONE: 502-254-4900
 FAX: 502-254-1836
 WWW.FEDERALINFRASTRUCTURE.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584
EROSION CONTROL PLAN - INITIAL

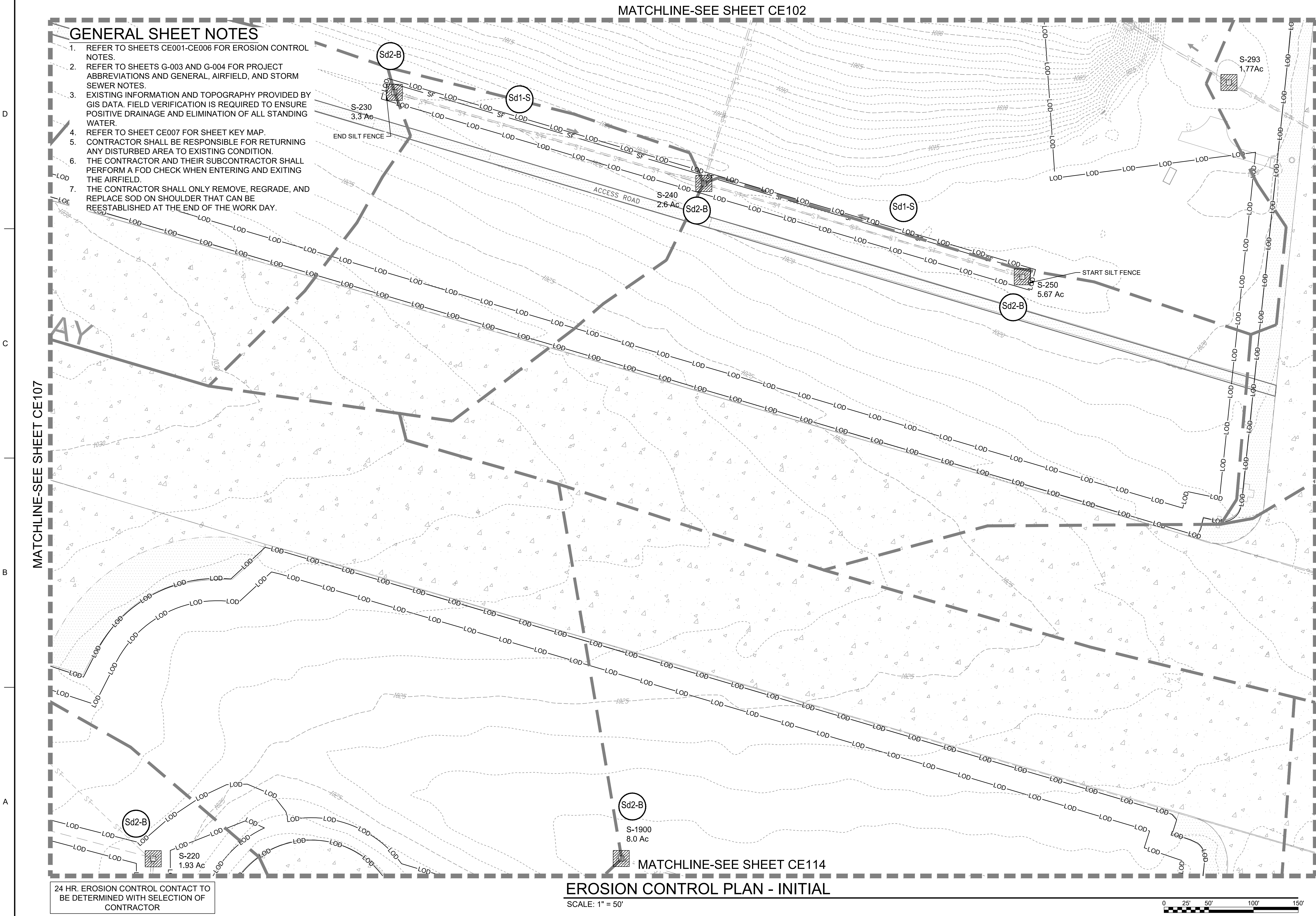
SHEET ID
CE107

FILE PATH: M:\USACE_LOUISVILLE\DISTRICT11\80636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE102

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



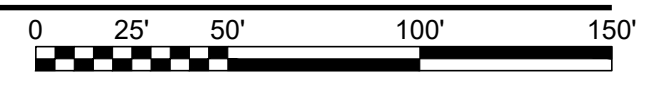
MATCHLINE-SEE SHEET CE107

MATCHLINE-SEE SHEET CE109

MATCHLINE-SEE SHEET CE114

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 035223
JAMES A. SWIFT
S-22-1-R
GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 0000064846 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE101.dwg
ANSID:

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

POND
TETRA TECH, INC.
2800 PARKWAY LAKE
PLACEMINNE CORPORS, GA 30092
LOUISVILLE, KENTUCKY 40202
PH: (502) 264-4000
FAX: (502) 264-1156
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE108

MATCHLINE-SEE SHEET CE103

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064848 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MAIOCCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: CE101.dwg | |

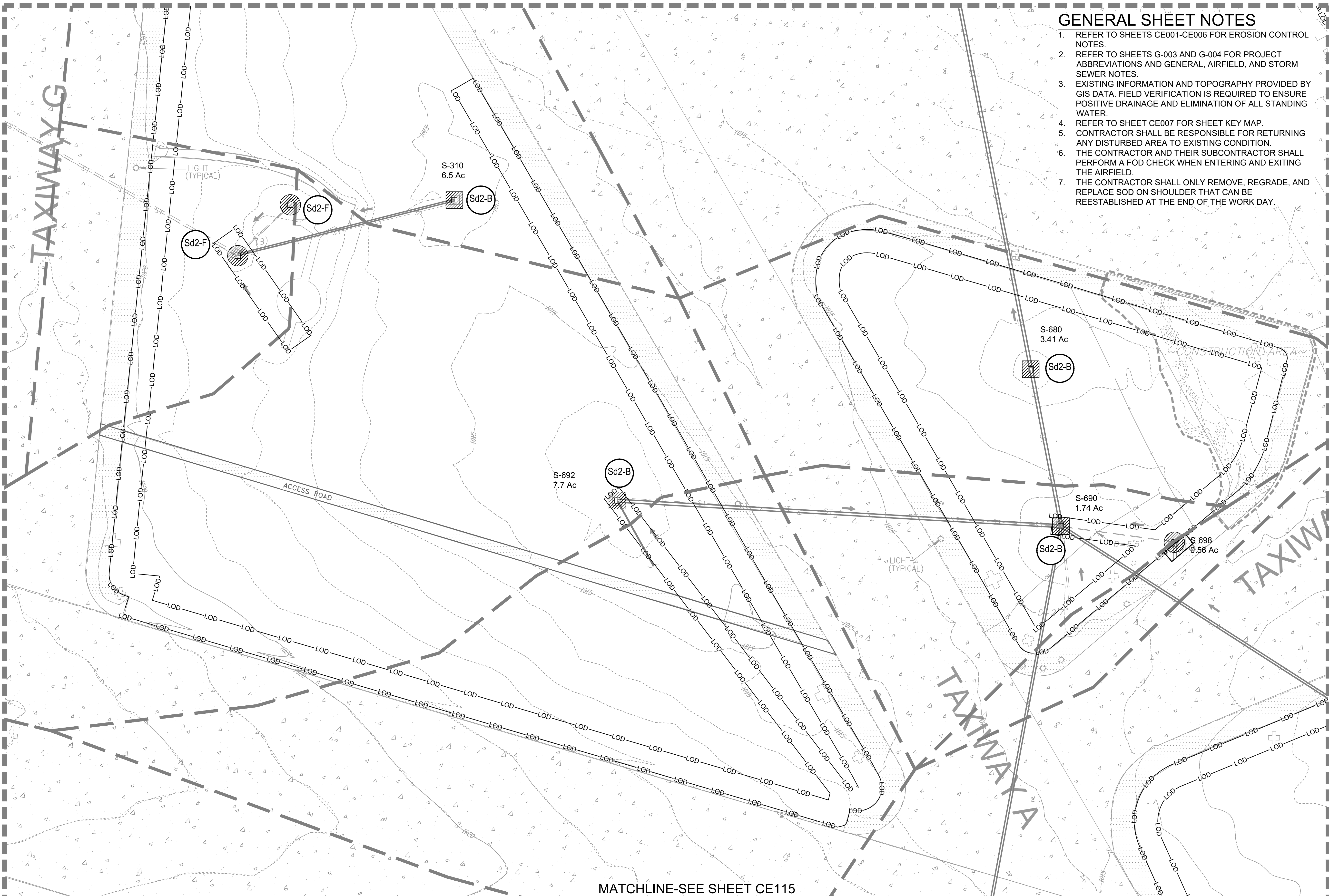
U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 244-0000
PHONE: 502.244.1156
WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

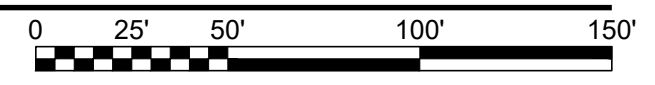
EROSION CONTROL PLAN - INITIAL

SHEET ID
CE109



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

MATCHLINE-SEE SHEET CE115
EROSION CONTROL PLAN - INITIAL
SCALE: 1" = 50'



FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II DRAINAGE\EM CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE104

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-22-14
GSWC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE101.dwg
SIZE: ANSID

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

POND
TETRA TECH, INC.
2800 PARKWAY LAKE
FLORENCE, KENTUCKY 40022
PH: (502) 584-2000
FAX: (502) 584-2008
WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE110

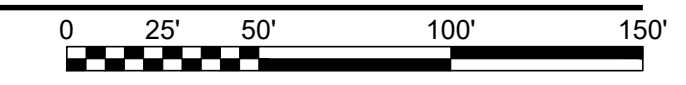
MATCHLINE-SEE SHEET CE109

MATCHLINE-SEE SHEET CE111

MATCHLINE-SEE SHEET CE116

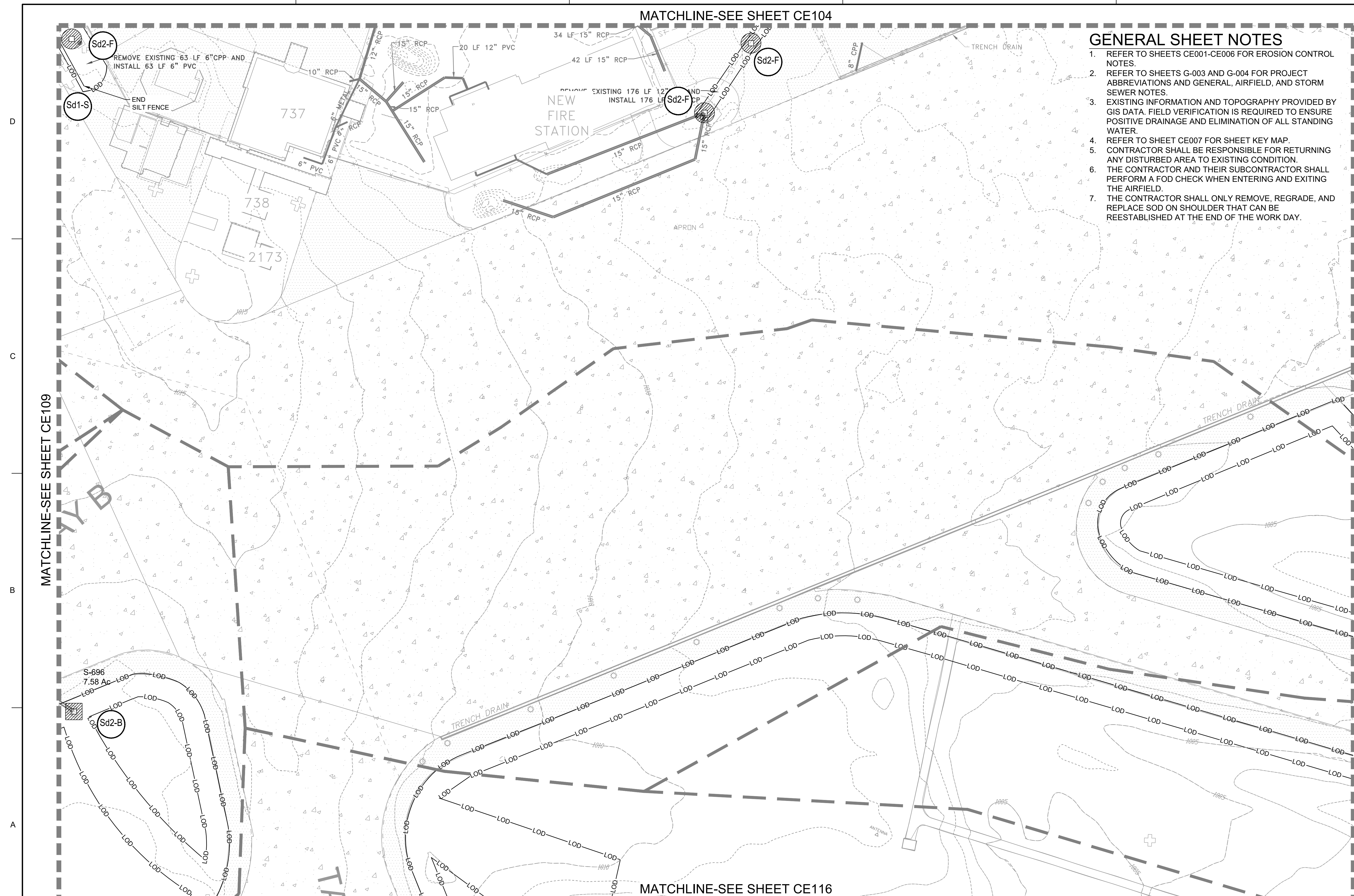
EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE 1\DRAINAGE\CAD_BIM\04.CAD\CE101 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN



GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR SHALL PERFORM A FOD CHECK WHEN ENTERING AND EXITING THE AIRFIELD.
7. THE CONTRACTOR SHALL ONLY REMOVE, REGRADE, AND REPLACE AN AREA OF SOD THAT CAN BE REESTABLISHED AT THE END OF THE WORK DAY.

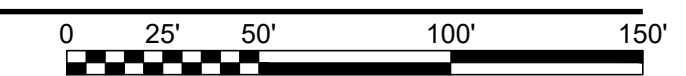
MATCHLINE-SEE SHEET CE110

MATCHLINE-SEE SHEET CE117

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064846 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|-------------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: J. SWIFT | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSI/ CE101.dwg | |

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

POND
2800 PARKWAY, SUITE 200
PLACEMINNE CORPORA, GA 30072
PH: (770) 544-4000
FAX: (770) 544-1756
www.information.com

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4000
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE111

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE 1\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE006 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR SHALL PERFORM A FOD CHECK WHEN ENTERING AND EXITING THE AIRFIELD.
7. THE CONTRACTOR SHALL ONLY REMOVE, REGRADE, AND REPLACE AN AREA OF SOD THAT CAN BE REESTABLISHED AT THE END OF THE WORK DAY.



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|-------------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MAIOCCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSID_CE101.dwg | |

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

POND
TETRA TECH, INC.
2800 PARKWAY LAKE
LOUISVILLE, KENTUCKY 40202
PH: (502) 584-4000
FAX: (502) 584-4006
WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584
EROSION CONTROL PLAN - INITIAL

SHEET ID
CE112



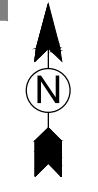
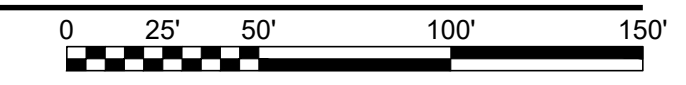
MATCHLINE-SEE SHEET C-111

MATCHLINE-SEE SHEET C-118

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



MATCHLINE-SEE SHEET CE107

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

SURVEY DATE: 11-24-2016
 PHASE I SURVEY LIMITS
 BEGIN PHASE II
 SURVEY DATE: 7-19-2018

Cd-S

Cd-S

Cd-S

Sd2-B

S-1500
4.3 Ac

1000' PRIMARY SURFACE LIMIT

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

JURISDICTIONAL WATERWAY

DOBBINS PATROL ROAD

DEFLOREZ ROAD

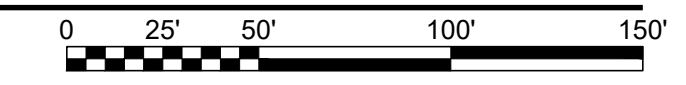
TAXIWAY E

MATCHLINE-SEE SHEET CE114

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| SUBMITTED BY: ESA | CONTRACT NO.: |
| FILE NAME: CE101.dwg | FILE NUMBER: |
| ANSID | SIZE |

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

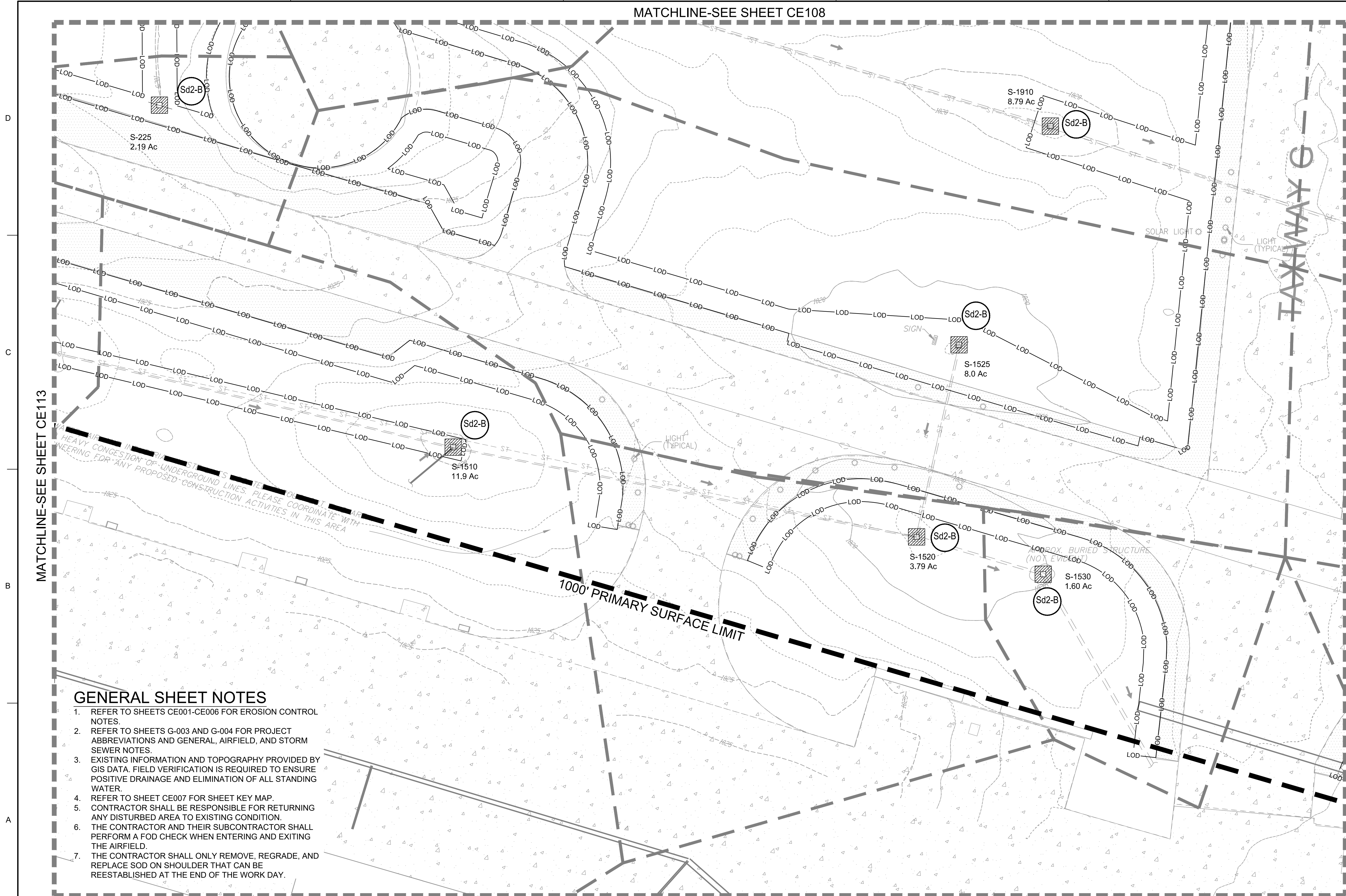
POND
 2800 PARKWAY, SUITE 200
 FLEMINGVILLE, KENTUCKY 40022
 PHONE: (606) 284-4000
 FAX: (606) 284-1256
 WWW.FIRMATION.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE113

MATCHLINE-SEE SHEET CE108



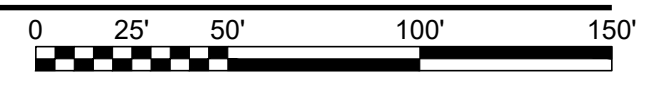
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 035232
JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: J. SWIFT
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE101.dwg

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

TETRA TECH, INC.
Louisville, Kentucky 40202
P.O. Box 244-2008
Phone: 502-244-2008
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE114

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN


MATCHLINE-SEE SHEET CE109

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-22-18
GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/02/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: J. SWIFT

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE101.dwg
SIZE: ANSIS

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

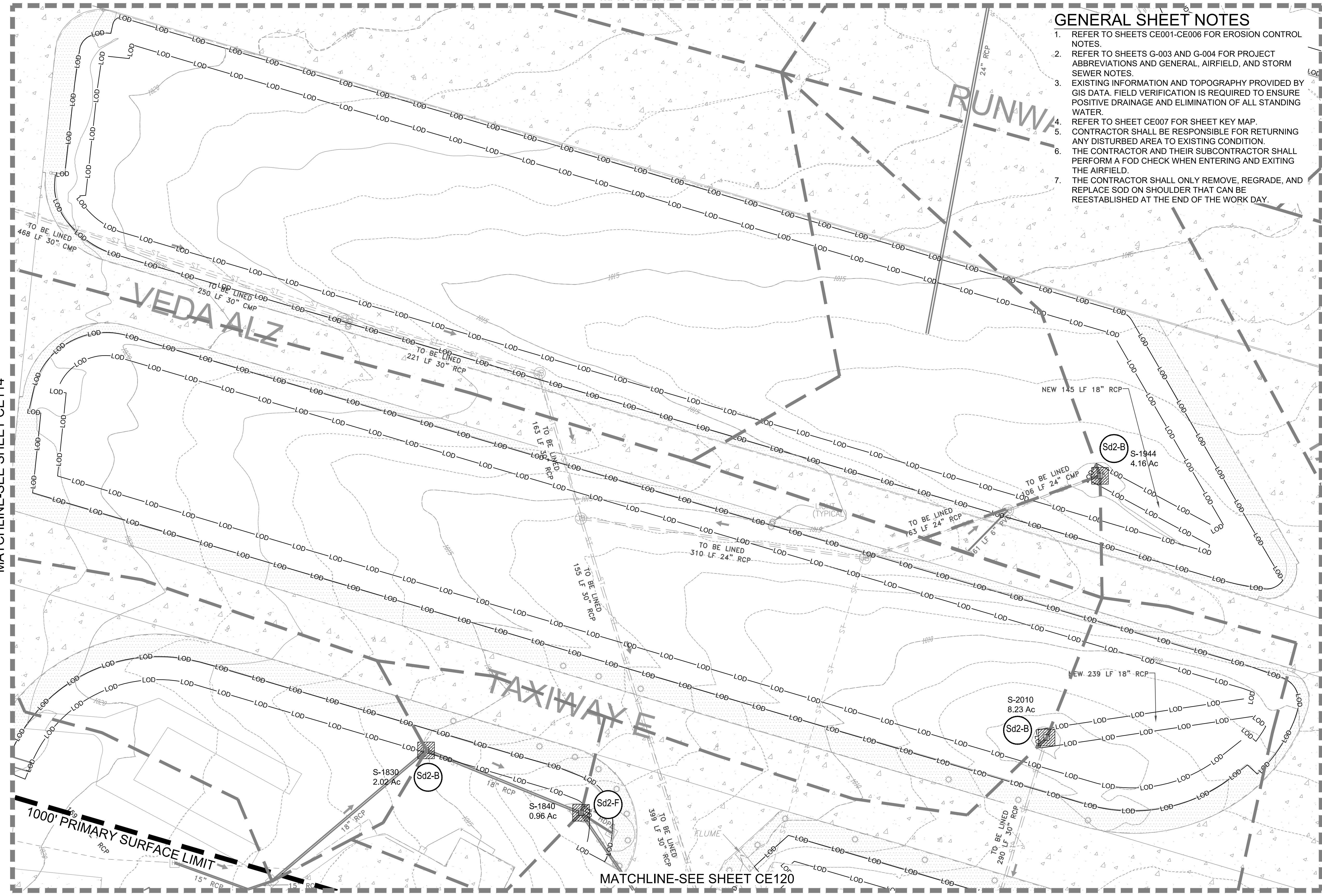
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
2800 PARKWAY, SUITE 500
PHILADELPHIA, PENNSYLVANIA 19104
TEL: (502) 254-1400
WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P# #: 470584

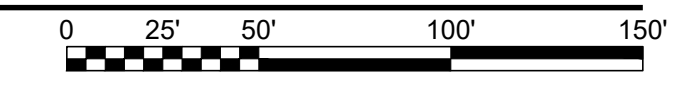
EROSION CONTROL PLAN - INITIAL

SHEET ID
CE115



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL
SCALE: 1" = 50'



FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\EM.CAD\BIM04.02.CAD\CE101 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE110

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MAIOCCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSID_CE101.dwg | |

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

POND
TETRA TECH, INC.
5800 PARKWAY LAKE
SHELBYVILLE, KY 40381
PH: (502) 584-4000
FAX: (502) 584-4006
WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE116

MATCHLINE-SEE SHEET CE115

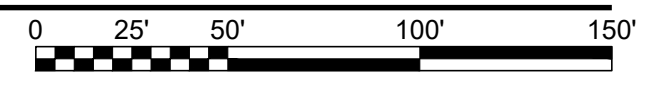
MATCHLINE-SEE SHEET CE117

MATCHLINE-SEE SHEET CE121

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

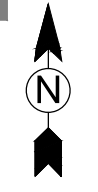
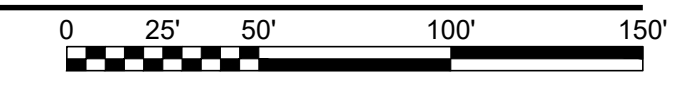
MATCHLINE-SEE SHEET CE111

MATCHLINE-SEE SHEET CE122

EROSION CONTROL PLAN - INITIAL

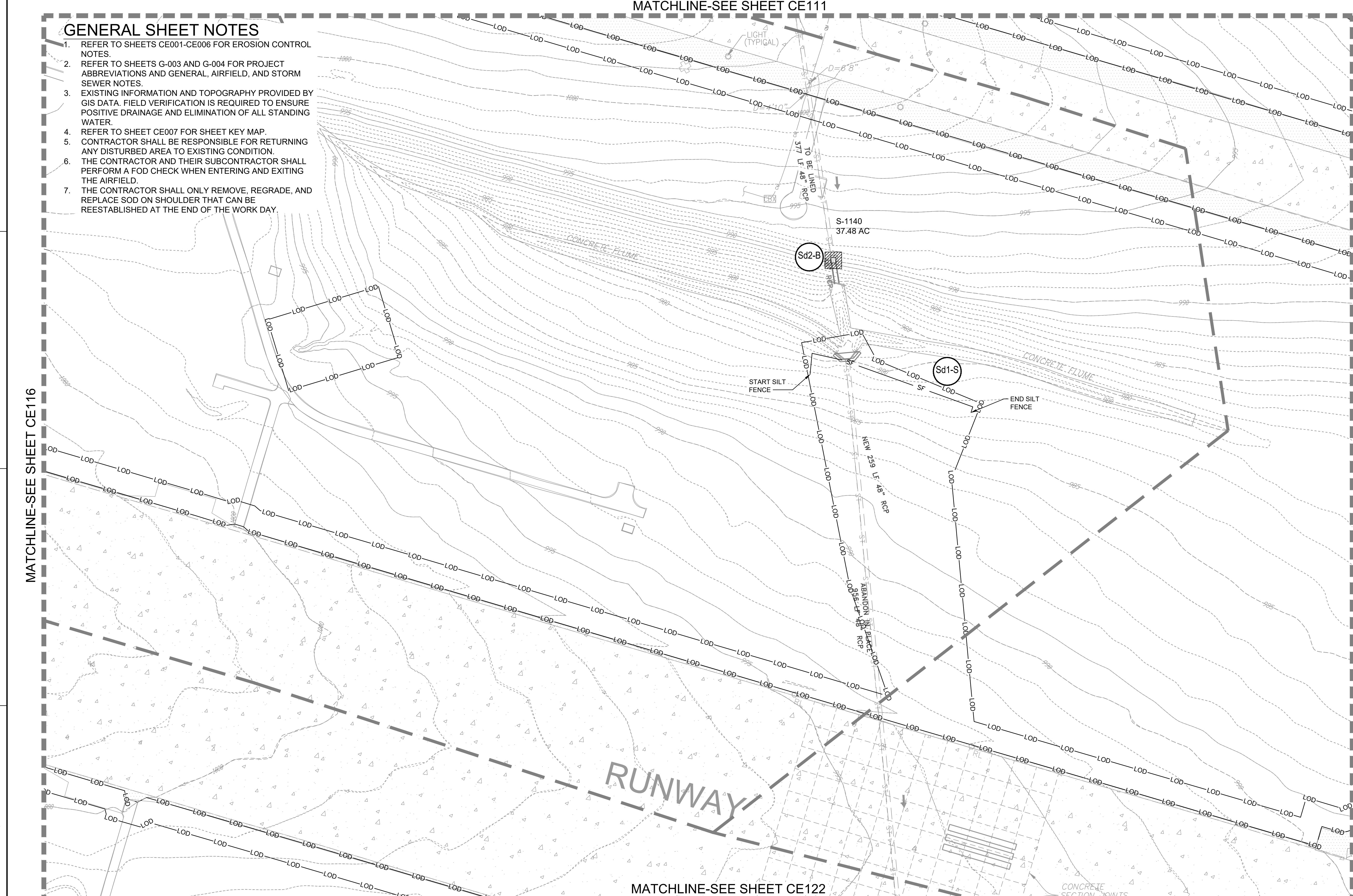
SCALE: 1" = 50'

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR



MATCHLINE-SEE SHEET CE116

MATCHLINE-SEE SHEET CE118



FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE101.dwg
SIZE: ANSID

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

POND
TETRA TECH, INC.
2800 PARSONS WAY, SUITE 200
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4000
FAX: (502) 254-4006
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID

CE117

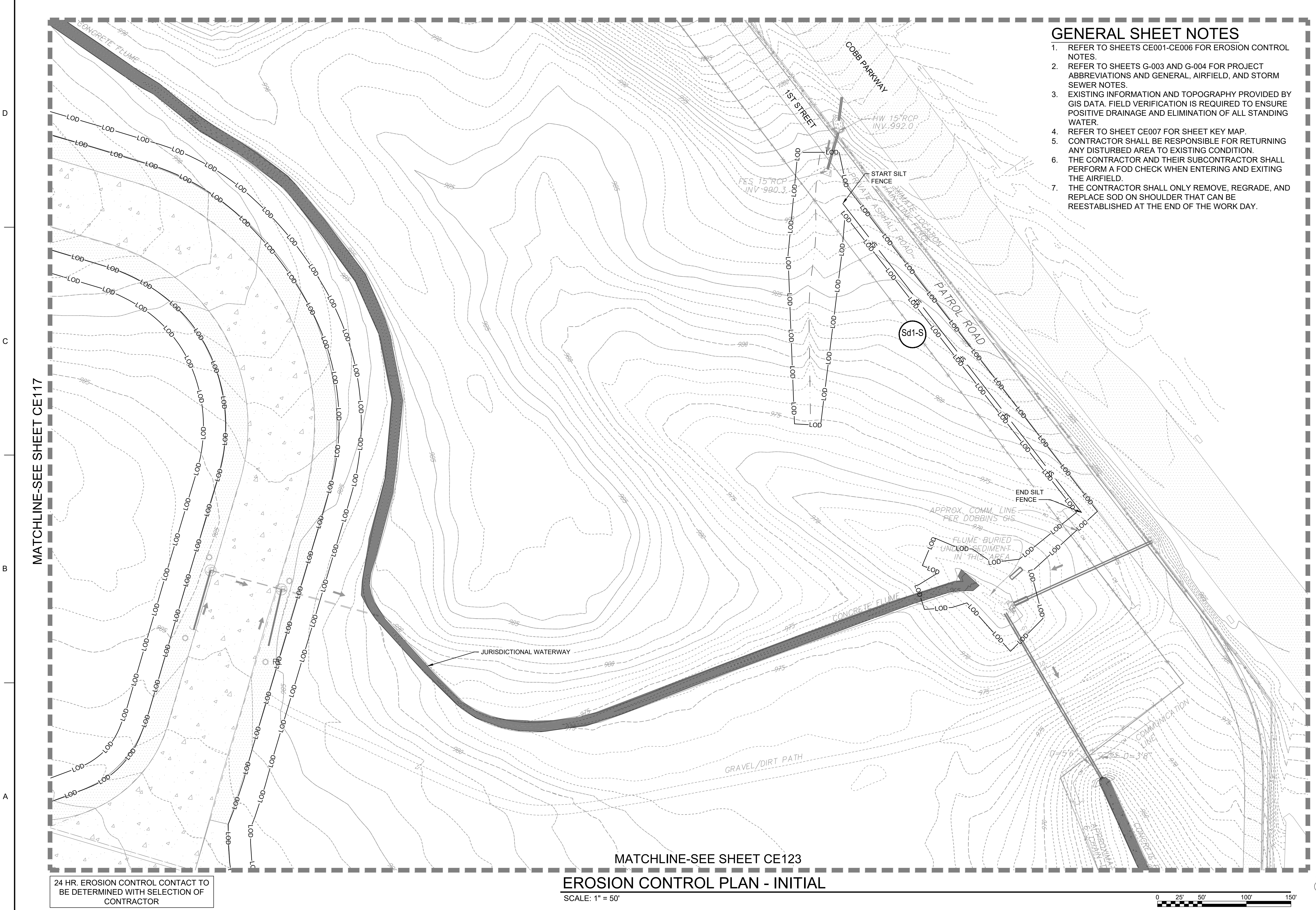
1

2

3


4

5




GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

 US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA




5-22-19
GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000064848 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NUMBER: - | CONTRACT NO.: |
| FILE NAME: CE101.dwg | SIZE: ANSI |

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

 POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 186
FLORENCE, KY 40302
TEL: (502) 544-4900
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

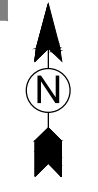
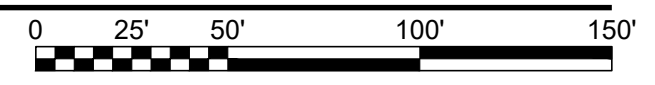
SHEET ID
CE118

MATCHLINE-SEE SHEET CE117

MATCHLINE-SEE SHEET CE123

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'

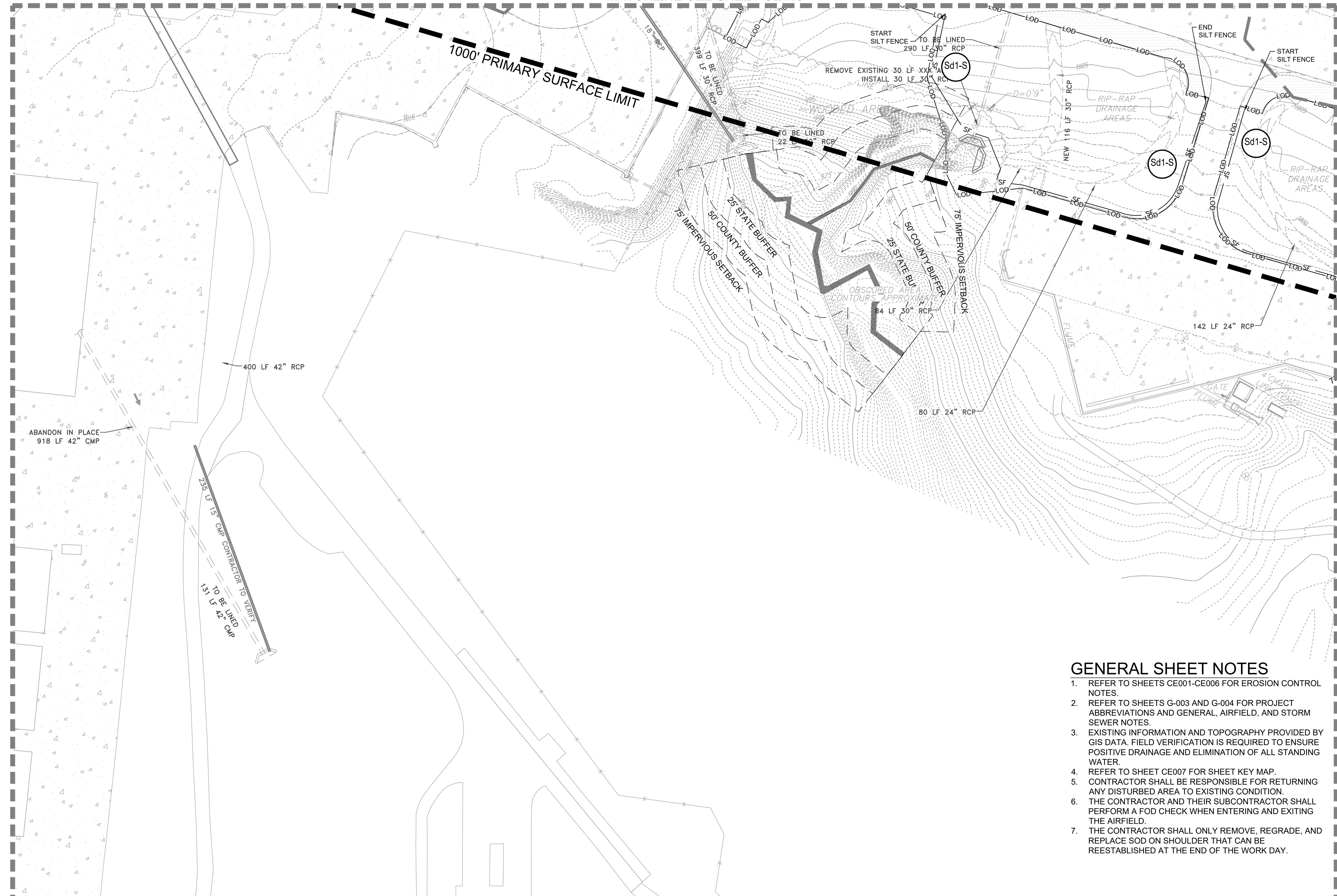


24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

FILE PATH: M:\USAGE\LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II DRAINAGE\CAD BIM\04.02.CAD\CE101 PLOTTED: 05/02/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE115

1000' PRIMARY SURFACE LIMIT



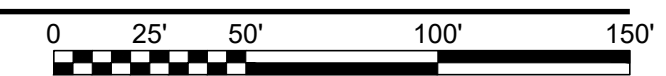
24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



MATCHLINE-SEE SHEET CE121

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 035223
JAMES A. SWIFT

GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 0000064848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE101.dwg
ANSID:

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARKWAY LAKE
PLACEMINTE CORPORA, GA 30092
PHONE: 502.254.4200
FAX: 502.254.4208
WWW.TETRA-TECH.COM

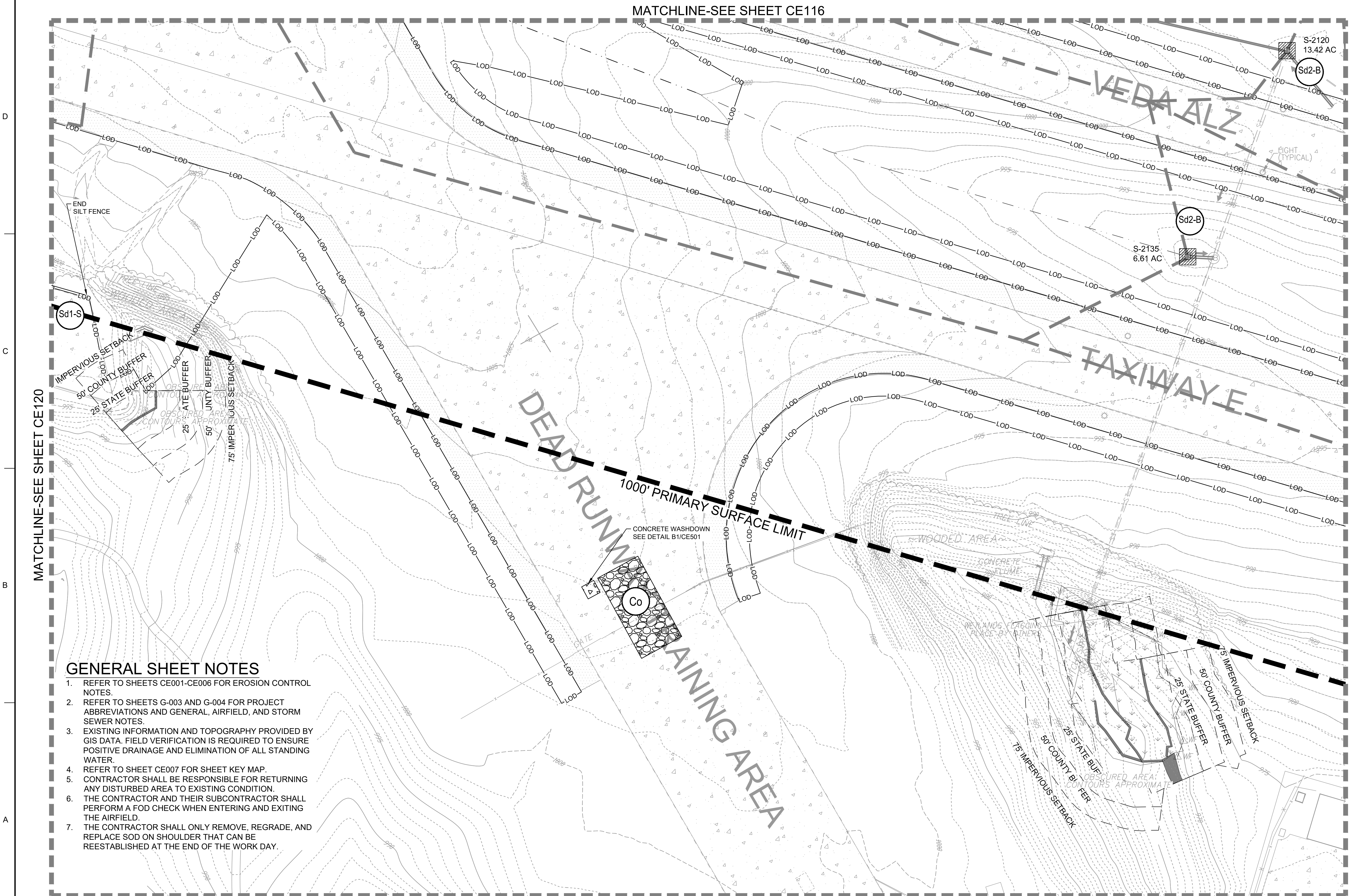
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE120

MATCHLINE-SEE SHEET CE116



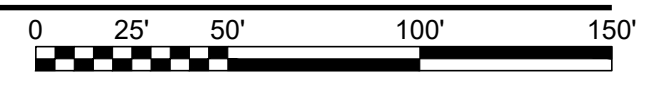
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 035223
JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: J. SWIFT

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE101.dwg
ANSID:

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 244-2000
PHONE: 502.244.1156
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

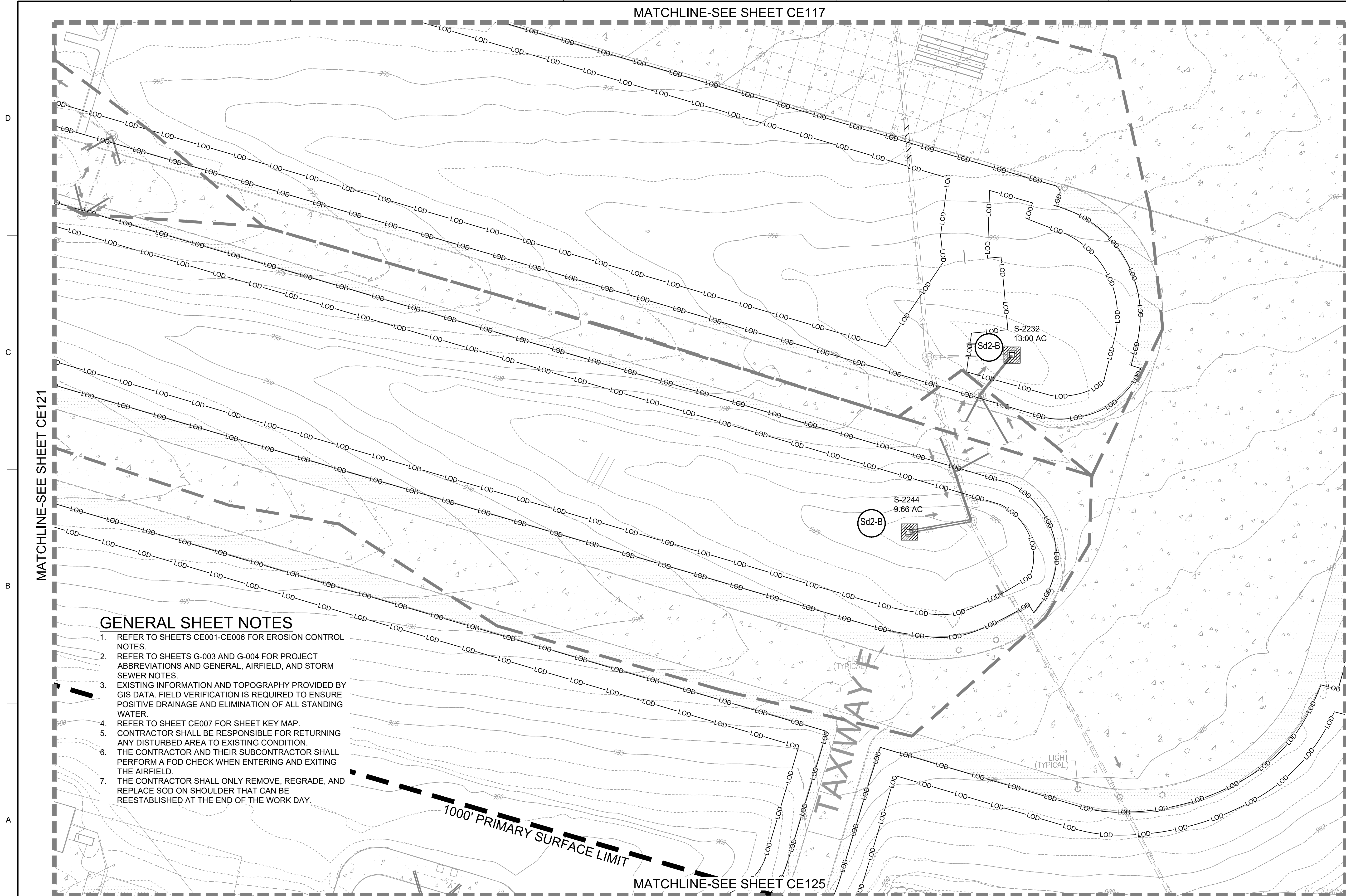
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470684

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE121

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE117



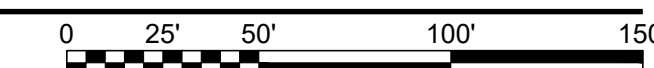
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 034223
JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE101.dwg
SIZE: ANSID

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 244-2008
FRENCH LICK, KY 40301
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA

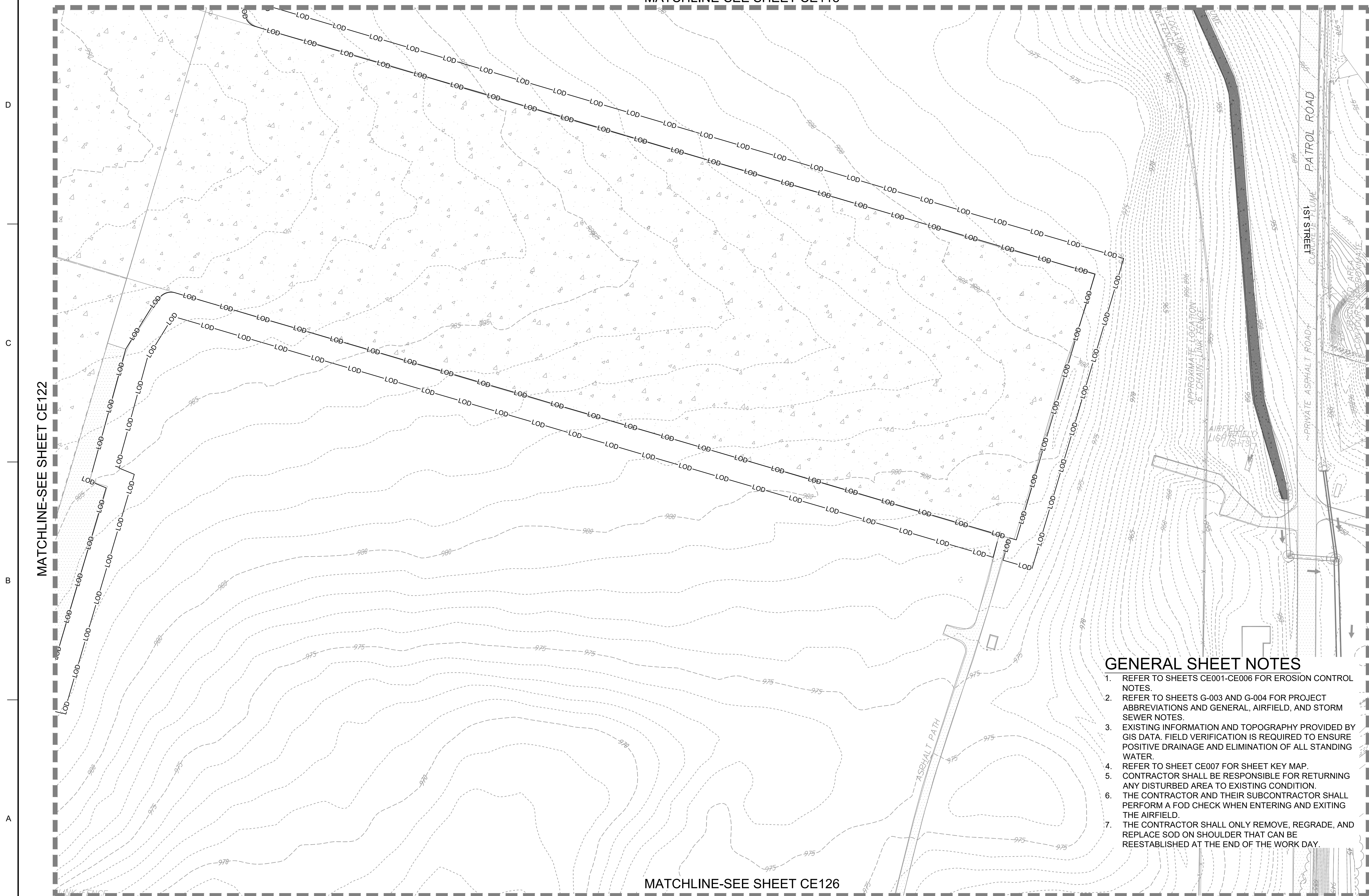
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE122

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE101 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE118

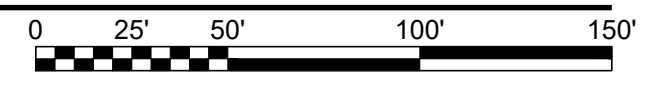


GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

MATCHLINE-SEE SHEET CE126
EROSION CONTROL PLAN - INITIAL
 SCALE: 1" = 50'



US Army Corps of Engineers
 Louisville District

JAMES A. SWIFT, P.E.
 P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
 JAMES A. SWIFT
 5-22-14
 GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|------------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MAIOCCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSI CE101.dwg | |

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

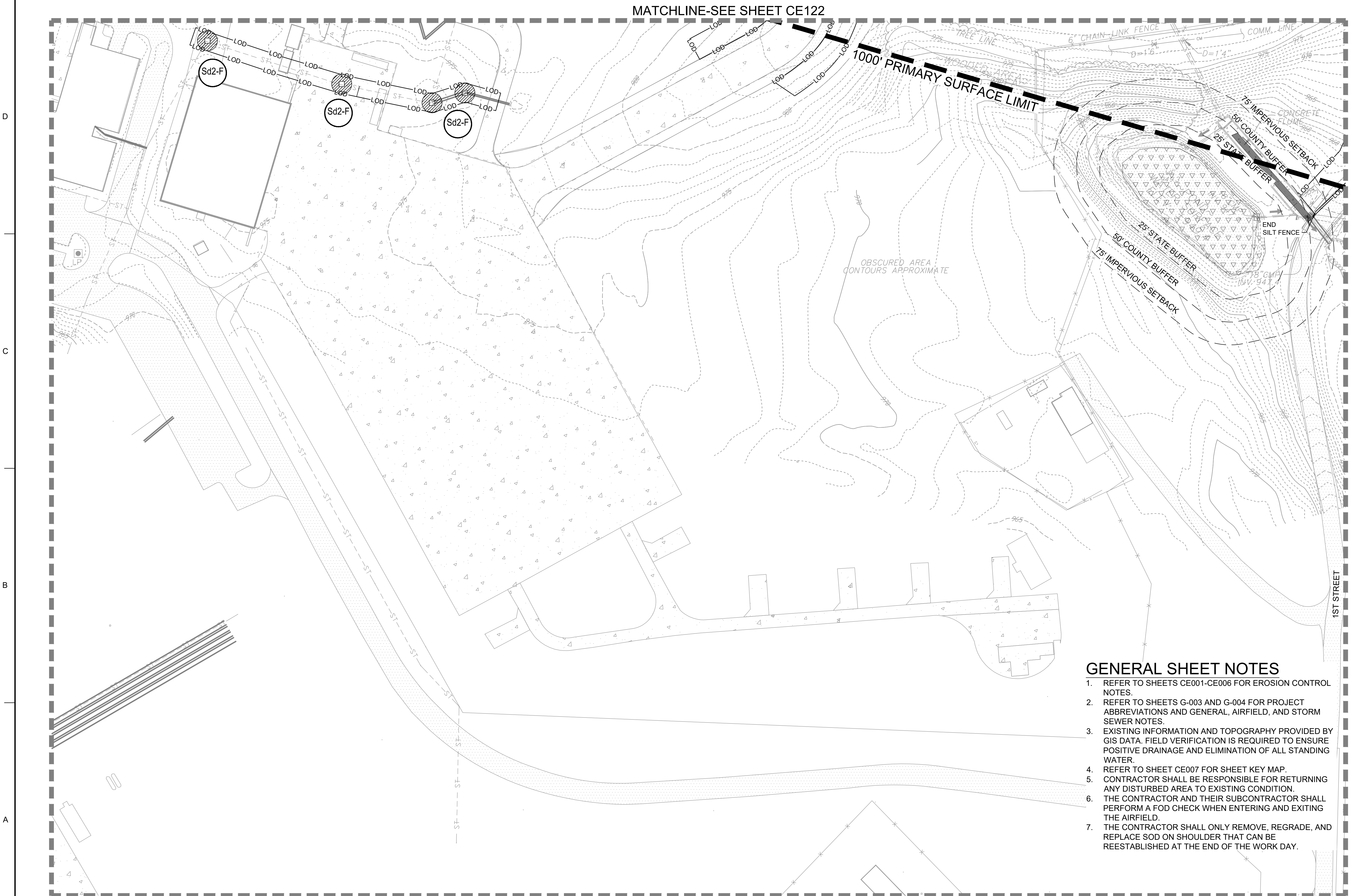
POND
 2800 PARKWAY EAST
 SUITE 100
 BIRMINGHAM, ALABAMA 35244-1000
 PHONE: 205.944.1111
 FAX: 205.944.1112
 WWW.POND.COM

TETRA TECH, INC.
 LOUISVILLE, KENTUCKY 40202
 PHONE: 502.584.4000
 WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470584
EROSION CONTROL PLAN - INITIAL

SHEET ID
CE123

MATCHLINE-SEE SHEET CE122



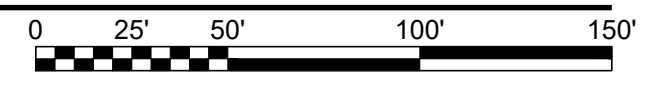
MATCHLINE-SEE SHEET CE126

- ### GENERAL SHEET NOTES
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
 2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
 3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
 4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
 6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 0000064848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|-------------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: J. SWIFT | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSID_CE101.dwg | |

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

TETRA TECH, INC.
 5800 PARKWAY LAKE
 LOUISVILLE, KENTUCKY 40022
 PH: (502) 254-4000
 FAX: (502) 254-4006
 WWW.TETRA-TECH.COM

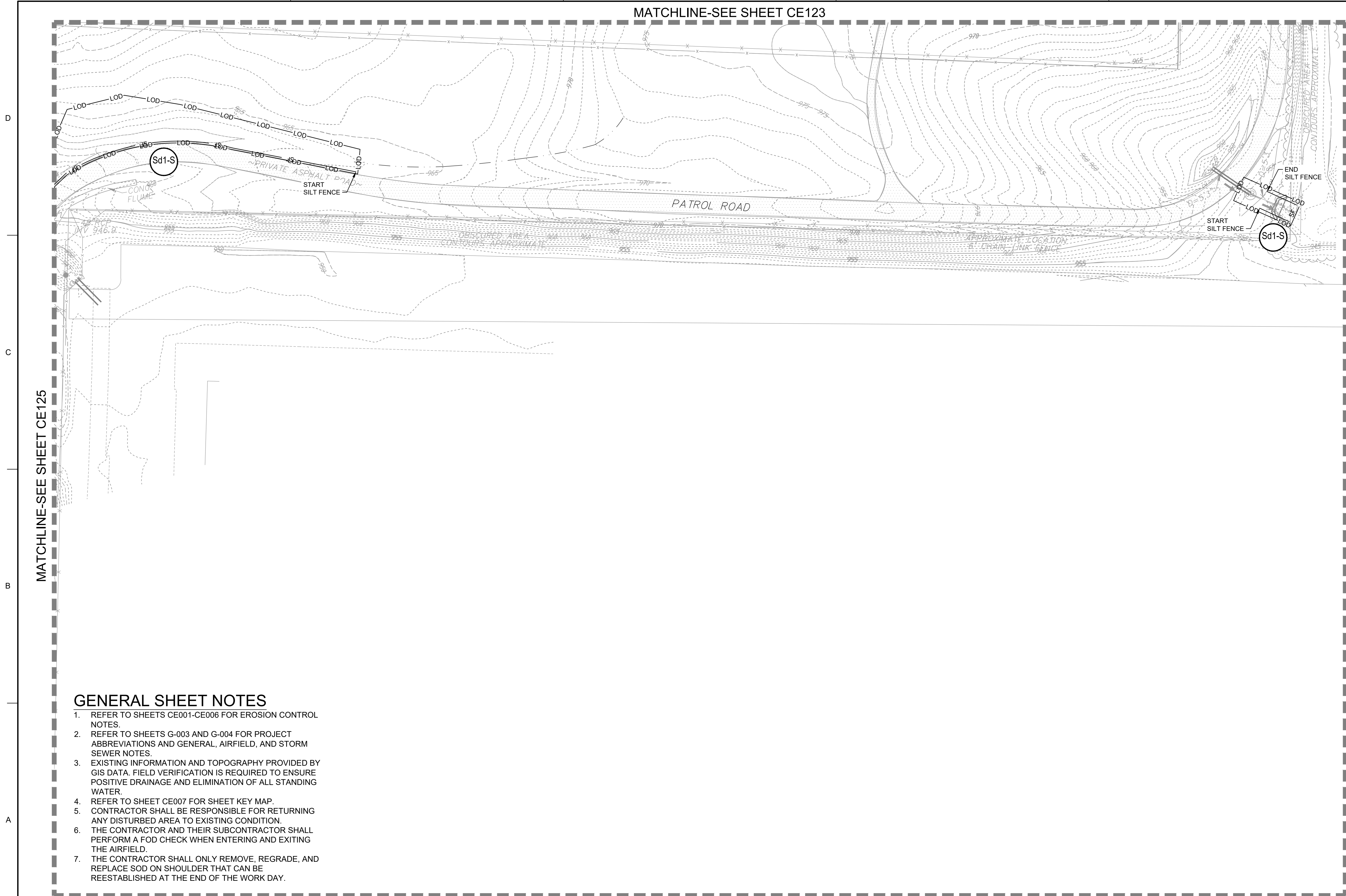
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE125

MATCHLINE-SEE SHEET CE123



MATCHLINE-SEE SHEET CE125

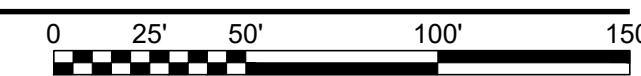
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INITIAL

SCALE: 1" = 50'



US Army Corps of Engineers® Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
NO. 034223
JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/09/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NUMBER: | CONTRACT NO.: |
| FILE NAME: CE101.dwg | FILE NUMBER: |
| ANSID | ANSID |

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

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
400 PARKWAY EAST
FLORENCE, KENTUCKY 40302
PH: (502) 584-4000
FAX: (502) 584-4008
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470884

EROSION CONTROL PLAN - INITIAL

SHEET ID
CE126

GENERAL SHEET NOTES

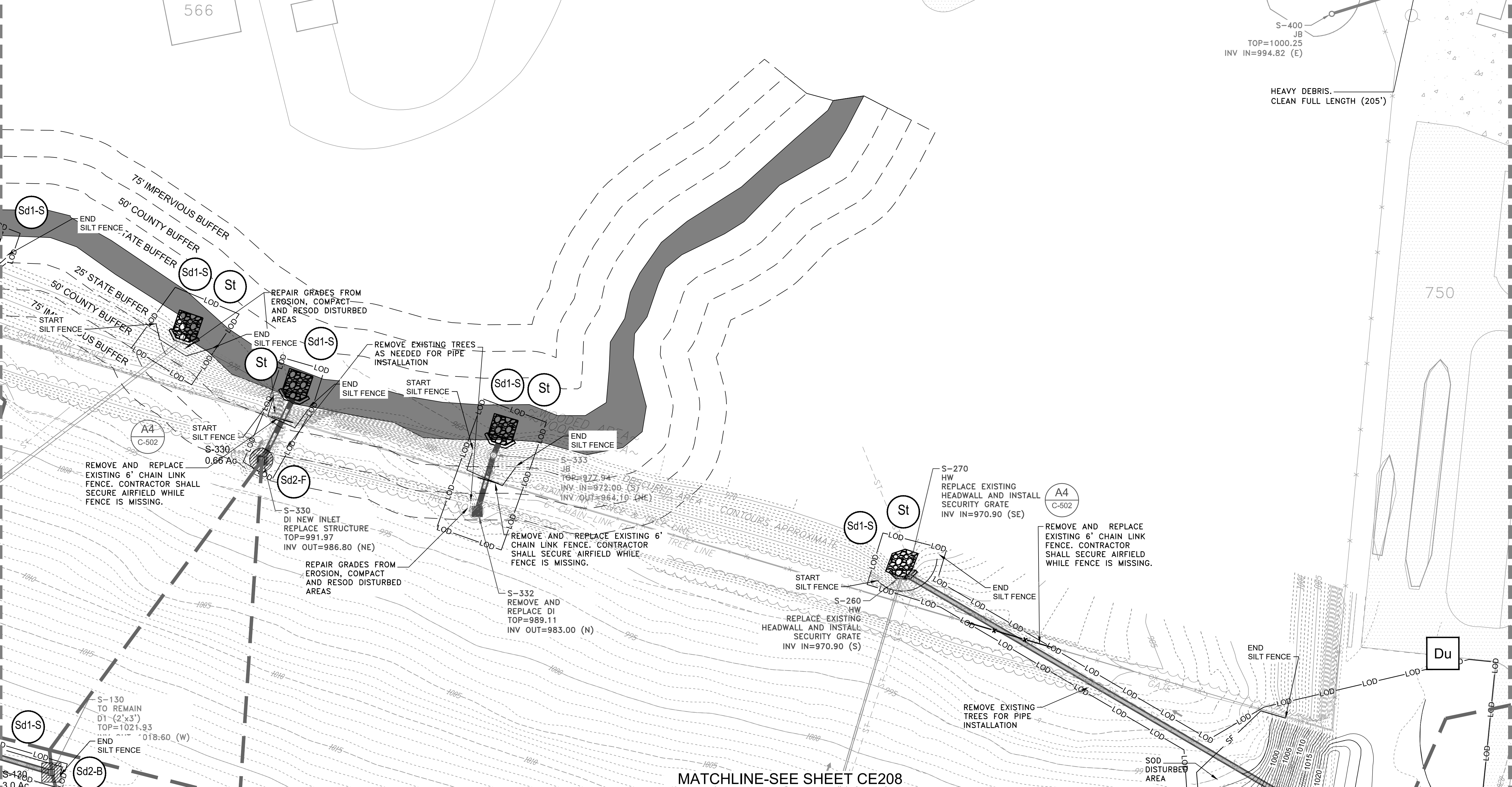
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

D

C

B

A



749
S-400
JB
TOP=1000.25
INV IN=994.82 (E)

HEAVY DEBRIS.
CLEAN FULL LENGTH (205')

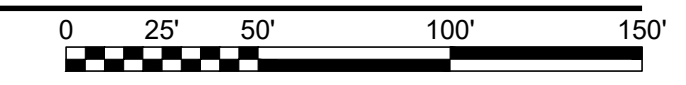
750

MATCHLINE-SEE SHEET CE203

MATCHLINE-SEE SHEET CE208

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 034223
JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA
FILE NAME: ANSID_CE201.dwg

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

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

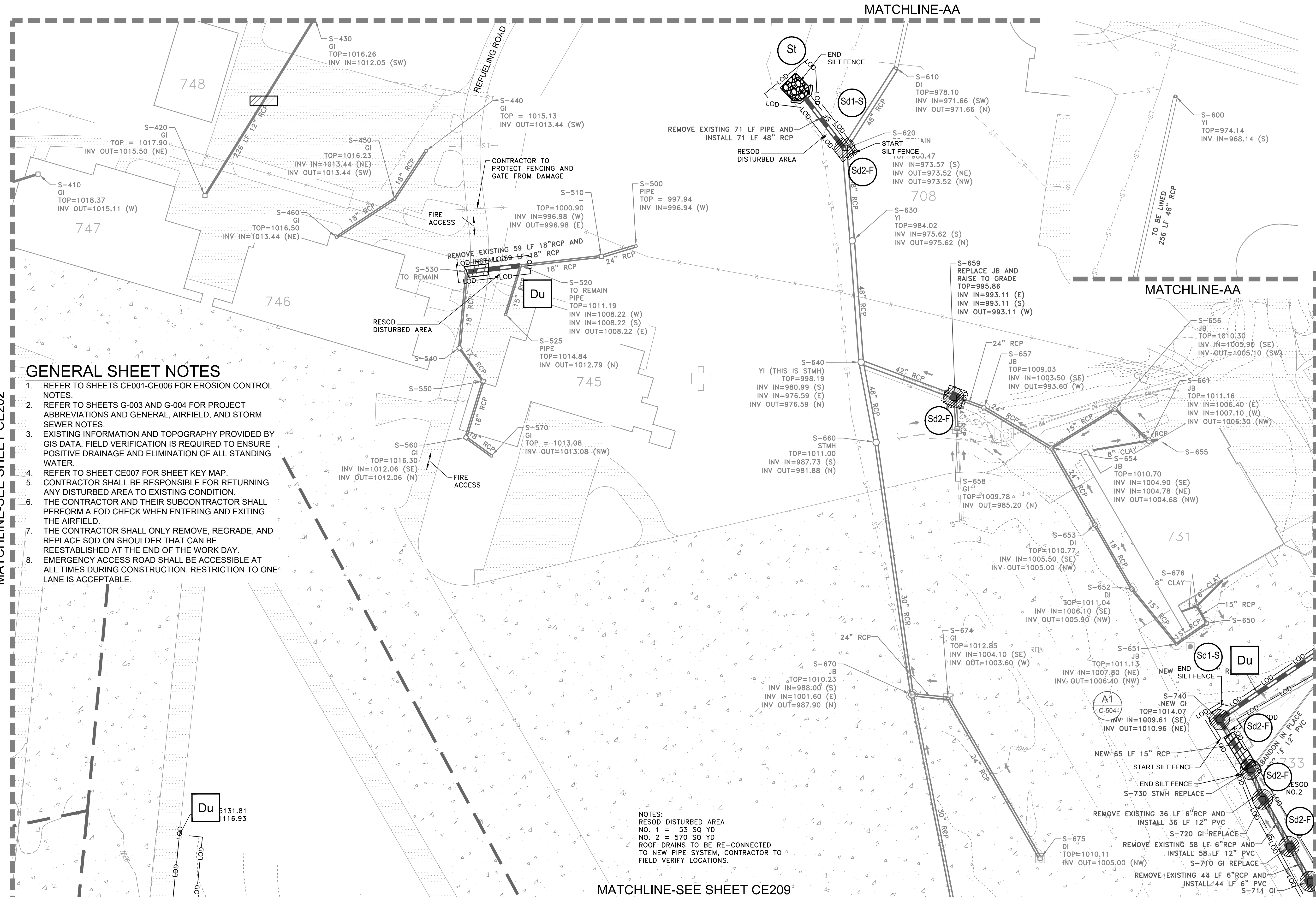
TETRA TECH, INC.
Louisville, Kentucky 40202
300 PARSONS AVE.
PLACENTIA, CALIFORNIA 92663
PHONE: 502.544.9808
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE202

FILE PATH: M:\USACE_LOUISVILLE\DISTRICT1\180636\TT-POND\DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN



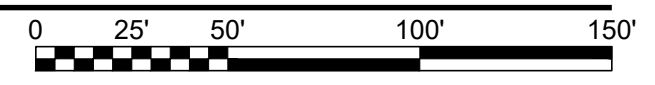
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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. EMERGENCY ACCESS ROAD SHALL BE ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION. RESTRICTION TO ONE LANE IS ACCEPTABLE.

NOTES:
 RESOD DISTURBED AREA
 NO. 1 = 53 SQ YD
 NO. 2 = 570 SQ YD
 ROOF DRAINS TO BE RE-CONNECTED TO NEW PIPE SYSTEM, CONTRACTOR TO FIELD VERIFY LOCATIONS.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE
 SCALE: 1" = 50'



US Army Corps of Engineers
 Louisville District

JAMES A. SWIFT, P.E.
 P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
 NO. 035223
 JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
 DRAWN BY: C. MAIOCCO
 CHECKED BY: J. SWIFT
 SUBMITTED BY: E. SESA

ISSUE DATE: 05/20/2019
 SOLICITATION NO.:
 CONTRACT NO.:
 FILE NUMBER:

FILE NAME: CE201.dwg

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

TETRA TECH, INC.
 5800 PARKWAY LAKE
 FLEMINGVILLE, KY 40522
 P: 606.338.4000
 F: 606.338.4008
 WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE203

FILE PATH: M:\USACE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBS PHASE II DRAINAGE\IM.CAD_BIM\04.02.CAD\CE203.PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWCC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MARICCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MARICCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: CE201.dwg | |

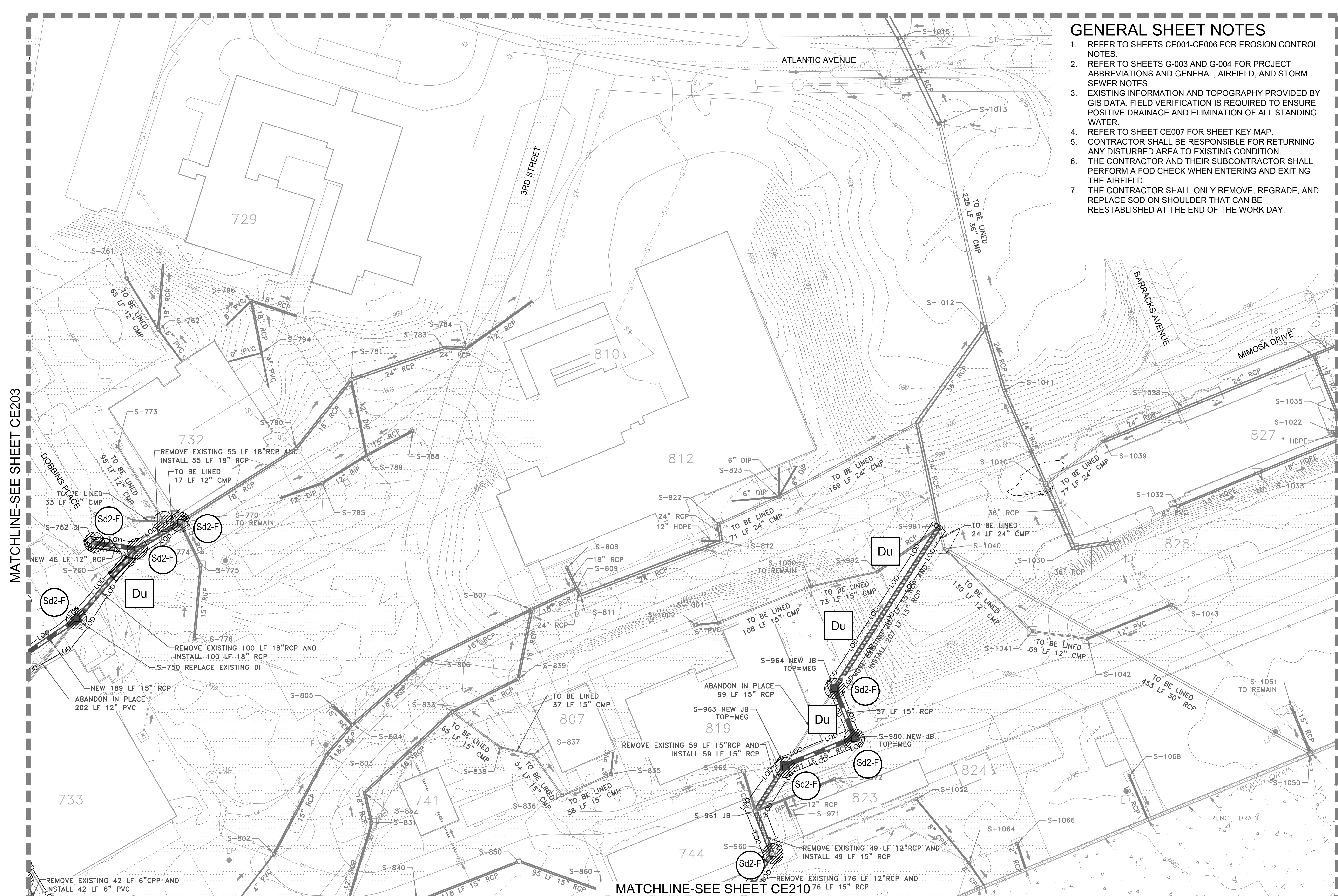
U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
LOUISVILLE, KENTUCKY 40210-0059

POND
TETRA TECH, INC.
Louisville, Kentucky 40202
Pond Control Systems
www.pondcontrol.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P# 470684

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE204

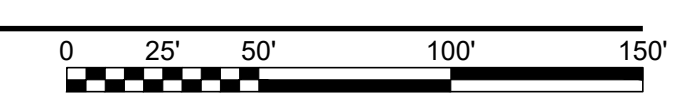


MATCHLINE-SEE SHEET CE203

MATCHLINE-SEE SHEET CE210

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE
SCALE: 1" = 50'



GENERAL SHEET NOTES

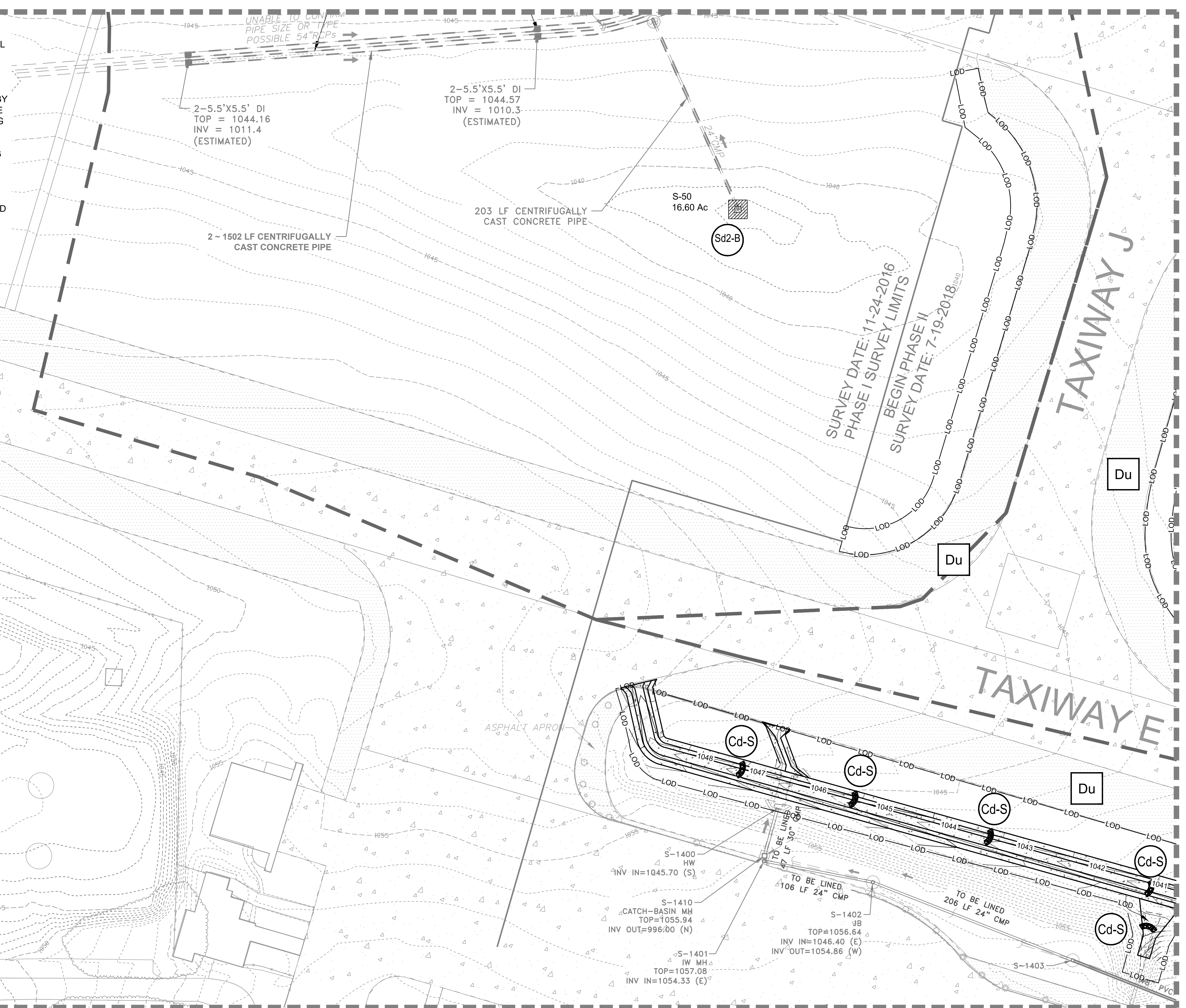
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

D

C

B

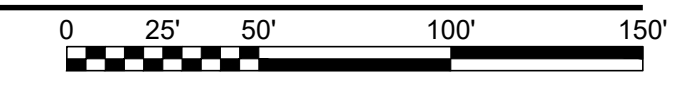
A



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



MATCHLINE-SEE SHEET CE207

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
NO. 035223
JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/09/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: J. SWIFT
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE201.dwg
ANSI D

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARSONS WAY, SUITE 200
PHONE: (502) 254-2000
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470684

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE206

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

MATCHLINE-SEE SHEET CE201

MATCHLINE-SEE SHEET CE206

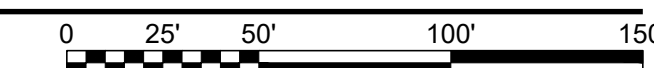
MATCHLINE-SEE SHEET CE208

MATCHLINE-SEE SHEET CE213

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 034223
JAMES A. SWIFT

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064848 EXP. 03/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| CONTRACT NO.: | FILE NUMBER: |
| FILE NAME: CE201.dwg | FILE SIZE: |

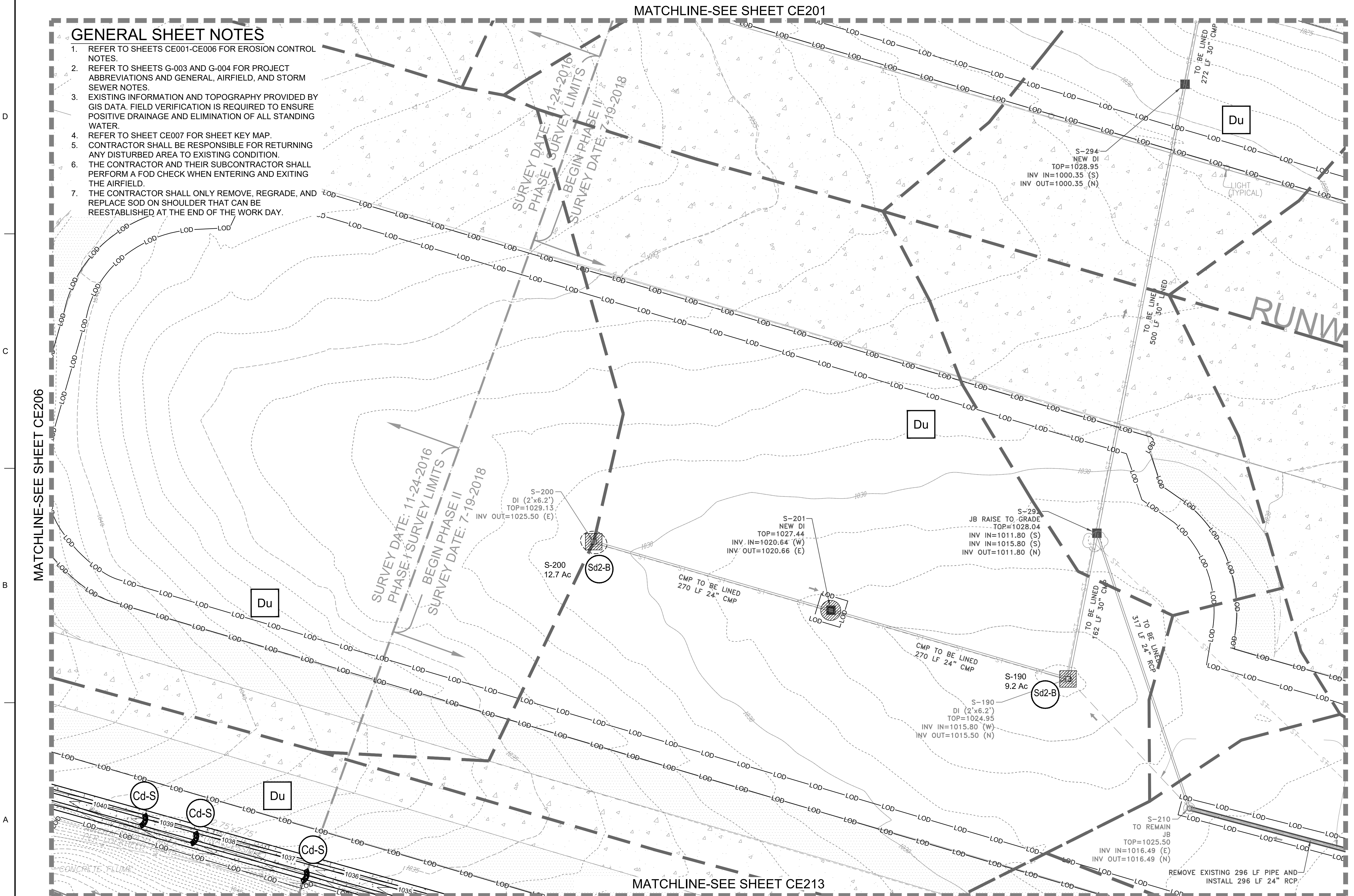
U.S. ARMY CORPS OF ENGINEERS
 LOUISVILLE DISTRICT
 LOUISVILLE, KENTUCKY 40210-0059
POND
 TETRA TECH, INC.
 5800 PARSONS AVE.
 LOUISVILLE, KENTUCKY 40202
 PH: (502) 254-4000
 FAX: (502) 254-1156
 WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE207

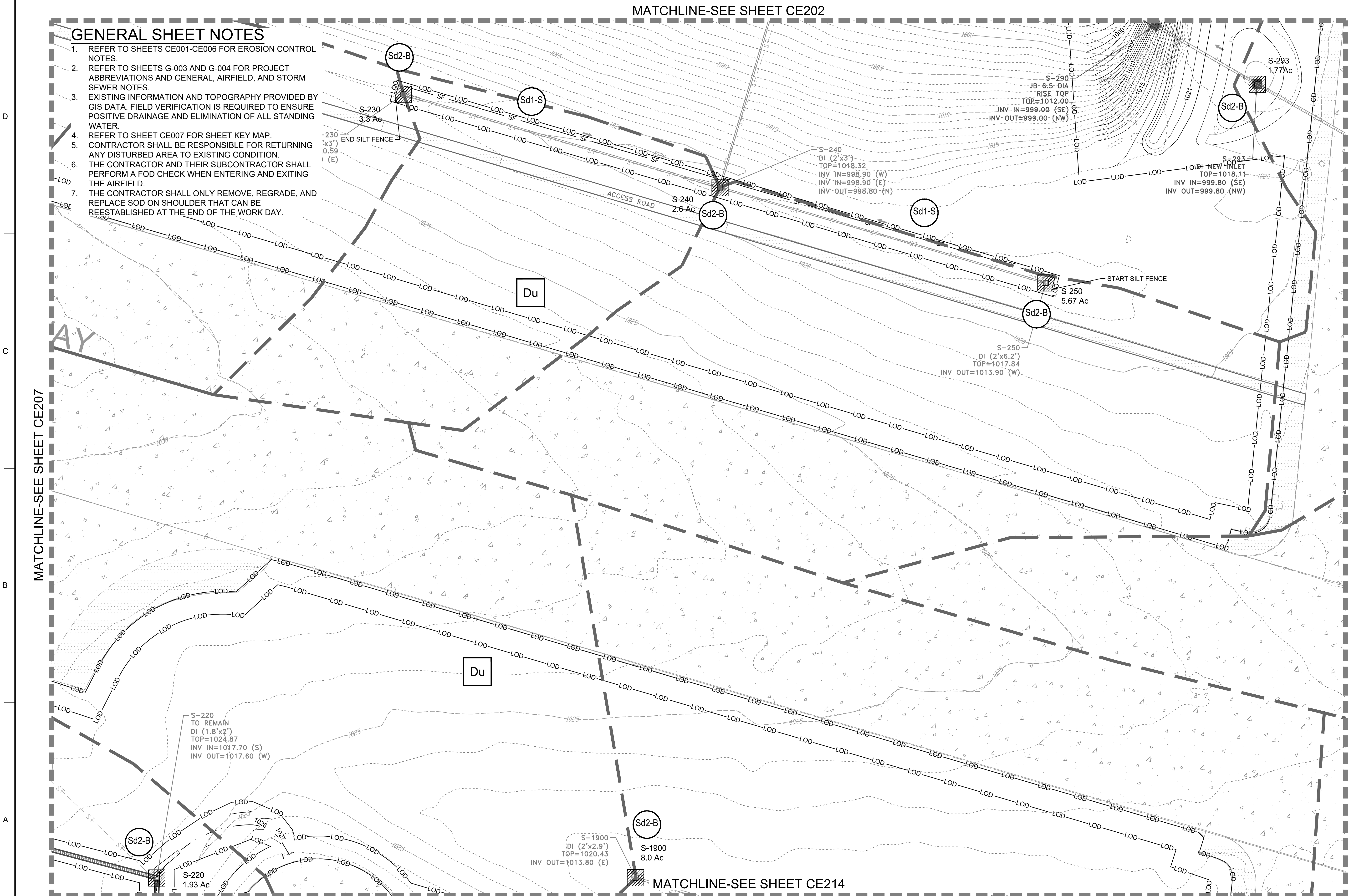
FILE PATH: M:\USAGE\LOUISVILLE\DISTRICT\1180636\TT-POND\DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN



MATCHLINE-SEE SHEET CE202

GENERAL SHEET NOTES

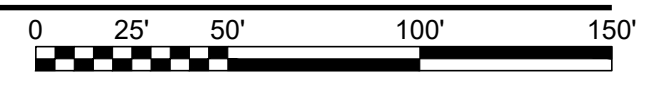
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



MATCHLINE-SEE SHEET CE207

MATCHLINE-SEE SHEET CE209



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MARICCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MARICCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSI.DWG | |

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

POND
TETRA TECH, INC.
2800 PARSONS WAY, SUITE 100
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4900
FAX: (502) 254-1856
WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE208

MATCHLINE-SEE SHEET CE203

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064848 EXP. 03/31/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|--------------|------------|
| ISSUE DATE: | 05/20/2019 |
| DESIGNED BY: | C. MAIOCCO |
| CHECKED BY: | J. SWIFT |
| DESIGNED BY: | C. MAIOCCO |
| CHECKED BY: | J. SWIFT |
| DESIGNED BY: | C. MAIOCCO |
| CHECKED BY: | J. SWIFT |
| DESIGNED BY: | C. MAIOCCO |
| CHECKED BY: | J. SWIFT |
| DESIGNED BY: | C. MAIOCCO |
| CHECKED BY: | J. SWIFT |

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

DESIGNED BY: C. MAIOCCO
CHECKED BY: J. SWIFT

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARSONS WAY, SUITE 200
PH: (502) 254-4900
WWW.TETRA-TECH.COM

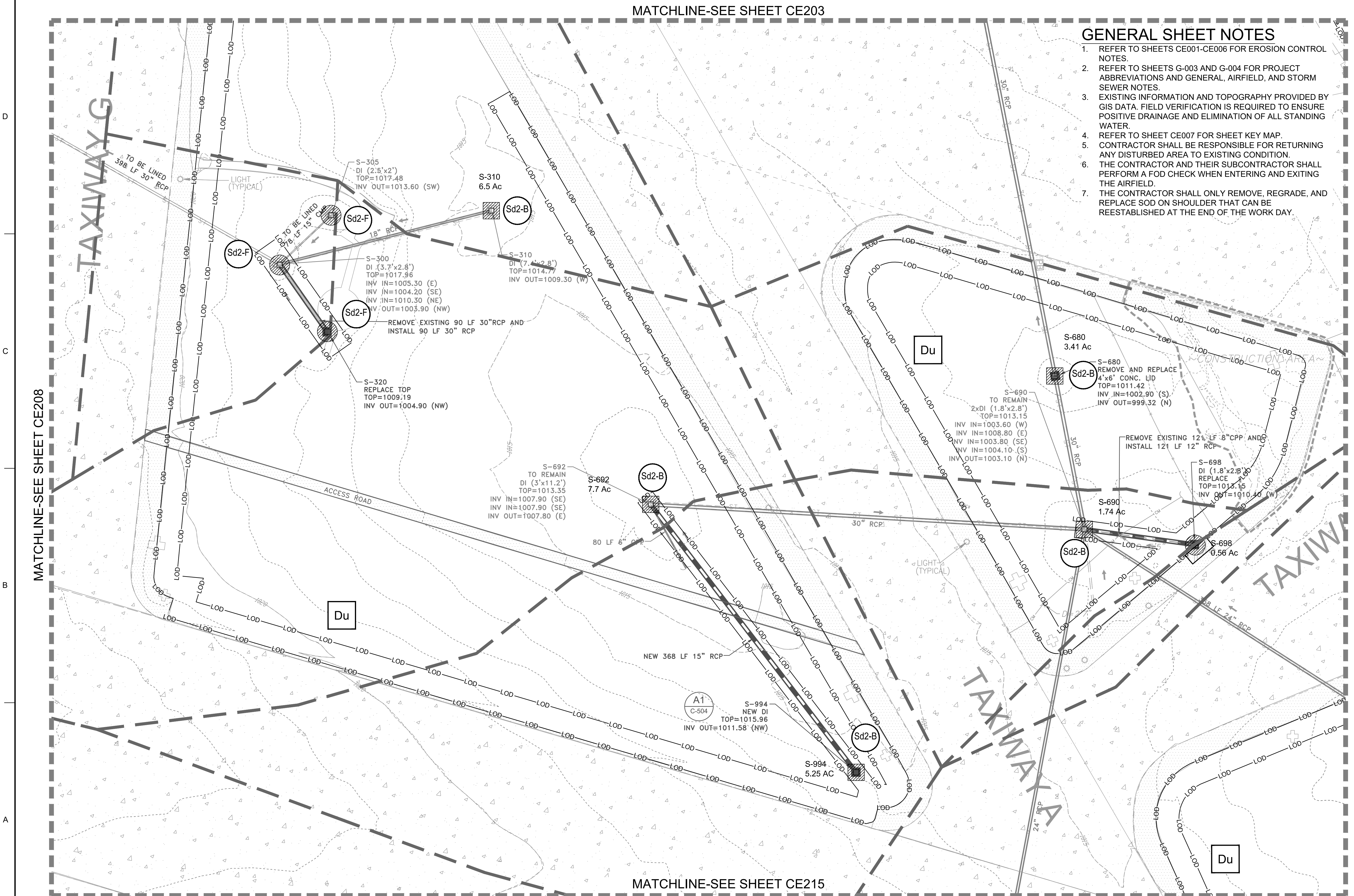
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE209

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\IM.CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN



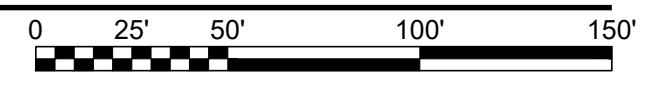
MATCHLINE-SEE SHEET CE208

MATCHLINE-SEE SHEET CE210

MATCHLINE-SEE SHEET CE215

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

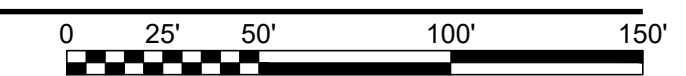
MATCHLINE-SEE SHEET CE210

MATCHLINE-SEE SHEET CE217

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/26/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|-------------------|------------|
| ISSUE DATE: | 10/22/2019 |
| DESIGNED BY: | C. MARICCO |
| CHECKED BY: | J. SWIFT |
| FILE NAME: | CE201.dwg |
| FILE NUMBER: | |
| CONTRACT NO.: | |
| SOLICITATION NO.: | |

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

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

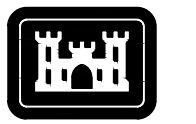
EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE211

FILE PATH: M:\USAGE\LOUISVILLE DISTRICT\1180636 TT-POND DOBBS PHASE 1\DRAINAGE\IM.CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAICCO, CHRISTIAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE006 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR SHALL PERFORM A FOD CHECK WHEN ENTERING AND EXITING THE AIRFIELD.
7. THE CONTRACTOR SHALL ONLY REMOVE, REGRADE, AND REPLACE AN AREA OF SOD THAT CAN BE REESTABLISHED AT THE END OF THE WORK DAY.



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



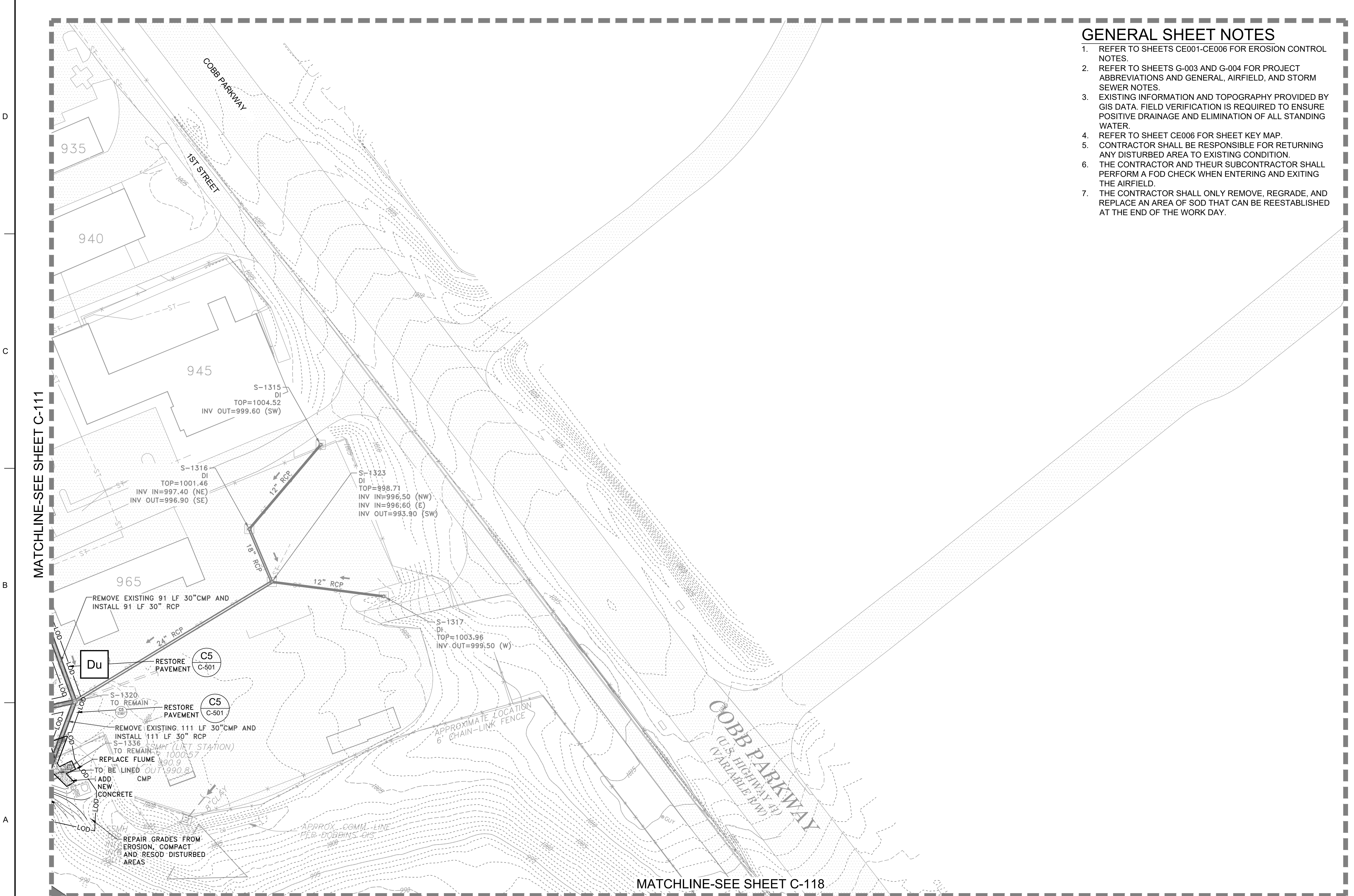
GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | | |
|---------------------------|----------------------------|--|
| ISSUE DATE: 05/20/2019 | DESIGNED BY: C. MAIOCCO | U.S. ARMY CORPS OF ENGINEERS LOUISVILLE DISTRICT |
| SOLICITATION NO.: | DRAWN BY: C. MAIOCCO | LOUISVILLE, KENTUCKY 40210-0059 |
| CONTRACT NO.: | CHECKED BY: J. SWIFT | POND 2800 PARKWAY, SUITE 100 LOUISVILLE, KENTUCKY 40202 PHONE: (502) 584-4000 FAX: (502) 584-1185 www.infrason.com |
| FILE NUMBER: | SUBMITTED BY: ESA | TETRA TECH, INC. LOUISVILLE, KENTUCKY 40202 |
| | FILE NAME: CE201.dwg | |

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470864
EROSION CONTROL PLAN - INTERMEDIATE

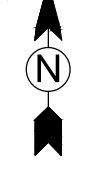
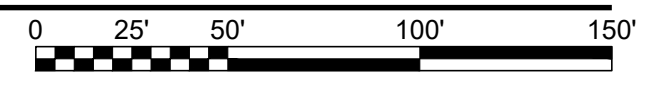
SHEET ID
CE212



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

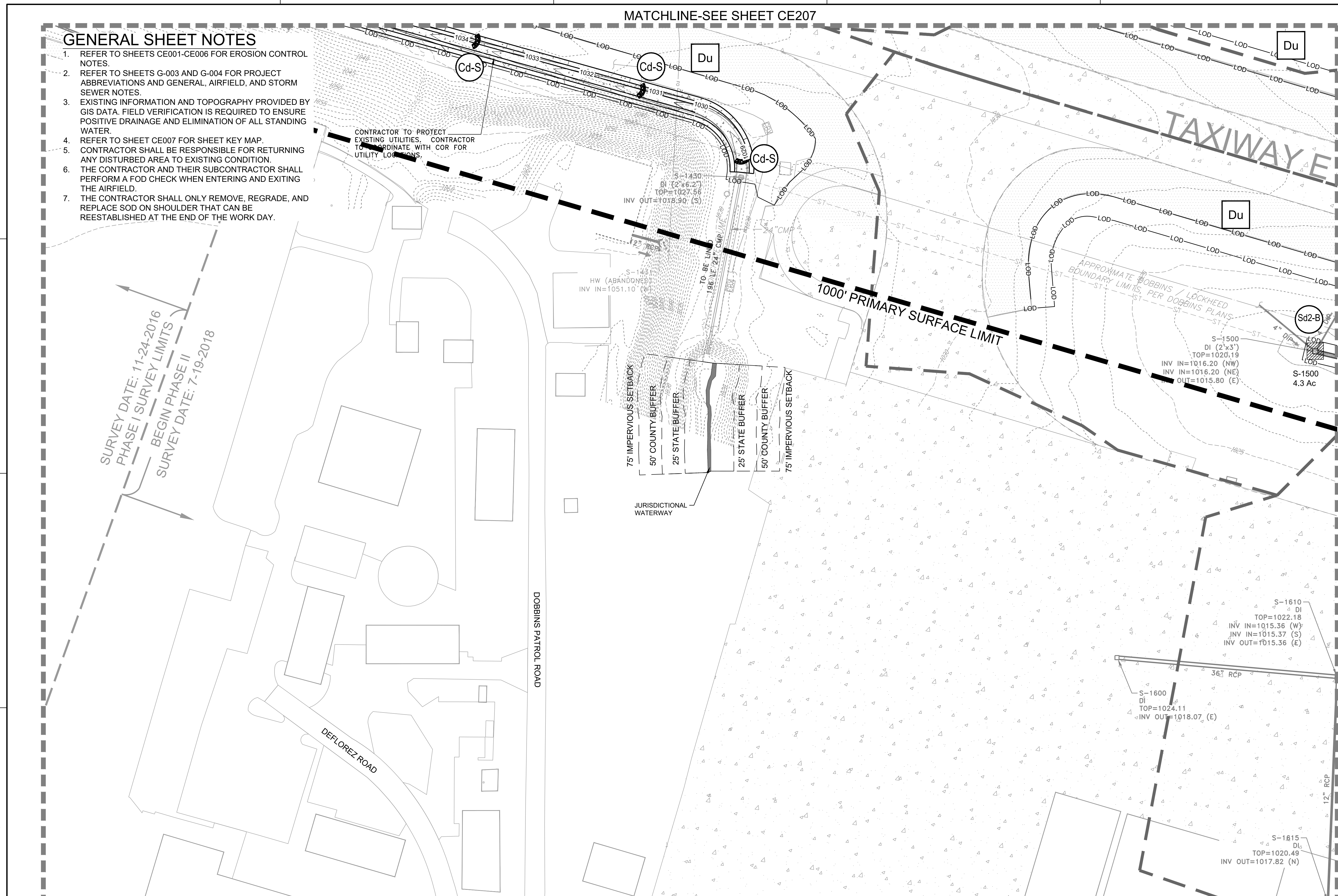
MATCHLINE-SEE SHEET CE207

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

CONTRACTOR TO PROTECT EXISTING UTILITIES. CONTRACTOR TO COORDINATE WITH COR FOR UTILITY LOCATIONS.

SURVEY DATE: 11-24-2016
 PHASE I SURVEY LIMITS
 BEGIN PHASE II
 SURVEY DATE: 7-19-2018

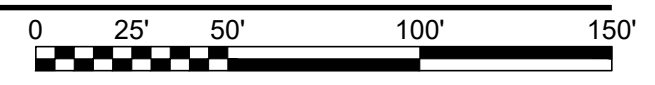


MATCHLINE-SEE SHEET CE214

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



JAMES A. SWIFT, P.E.
 P.E. No. 034223, GA



GSWOC LEVEL II CERTIFIED DESIGN
 PROFESSIONAL NO. 0000064846 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NUMBER: | CONTRACT NO.: |
| FILE NAME: CE201.dwg | FILE NUMBER: |

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

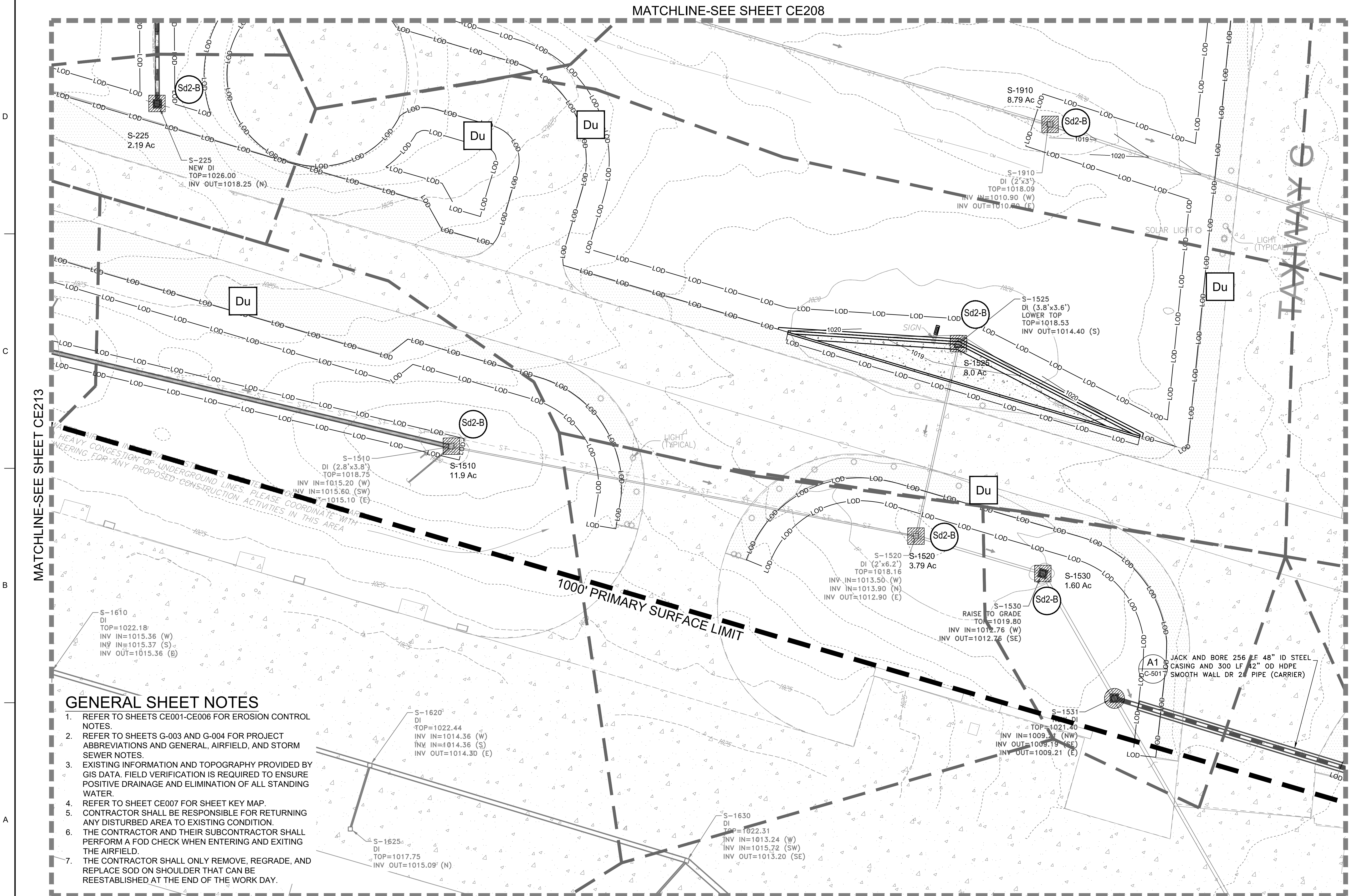
POND
 2800 PARKWAY, SUITE 300
 FLORENCE, SOUTH CAROLINA 29505
 PHONE: 803.780.1111 FAX: 803.780.1112
 WWW.AECOM.COM

TETRA TECH, INC.
 10000 WOODBRIDGE BLVD
 LOUISVILLE, KENTUCKY 40222
 PHONE: 502.254-4000
 WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470684
 EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE213

MATCHLINE-SEE SHEET CE208

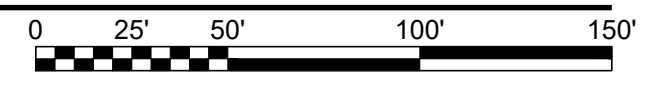


- GENERAL SHEET NOTES**
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
 2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
 3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
 4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
 6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
NO. 035232
JAMES A. SWIFT

GSWCC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: J. SWIFT
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE201.dwg
SIZE: 400K

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

TETRA TECH, INC.
200 PARKWAY, SUITE 200
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4000
WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470684

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE214

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBS PHASE II\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET C-109

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE006 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR SHALL PERFORM A FOD CHECK WHEN ENTERING AND EXISTING THE AIRFIELD.
7. THE CONTRACTOR SHALL ONLY REMOVE, REGRADE, AND REPLACE AN AREA OF SOD THAT CAN BE REESTABLISHED AT THE END OF THE WORK DAY.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

SWIFT, JAMES A.
S-22-PA
GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 0000064848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: J. SWIFT

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

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

FILE NAME: CE201.dwg
SIZE: 10000000

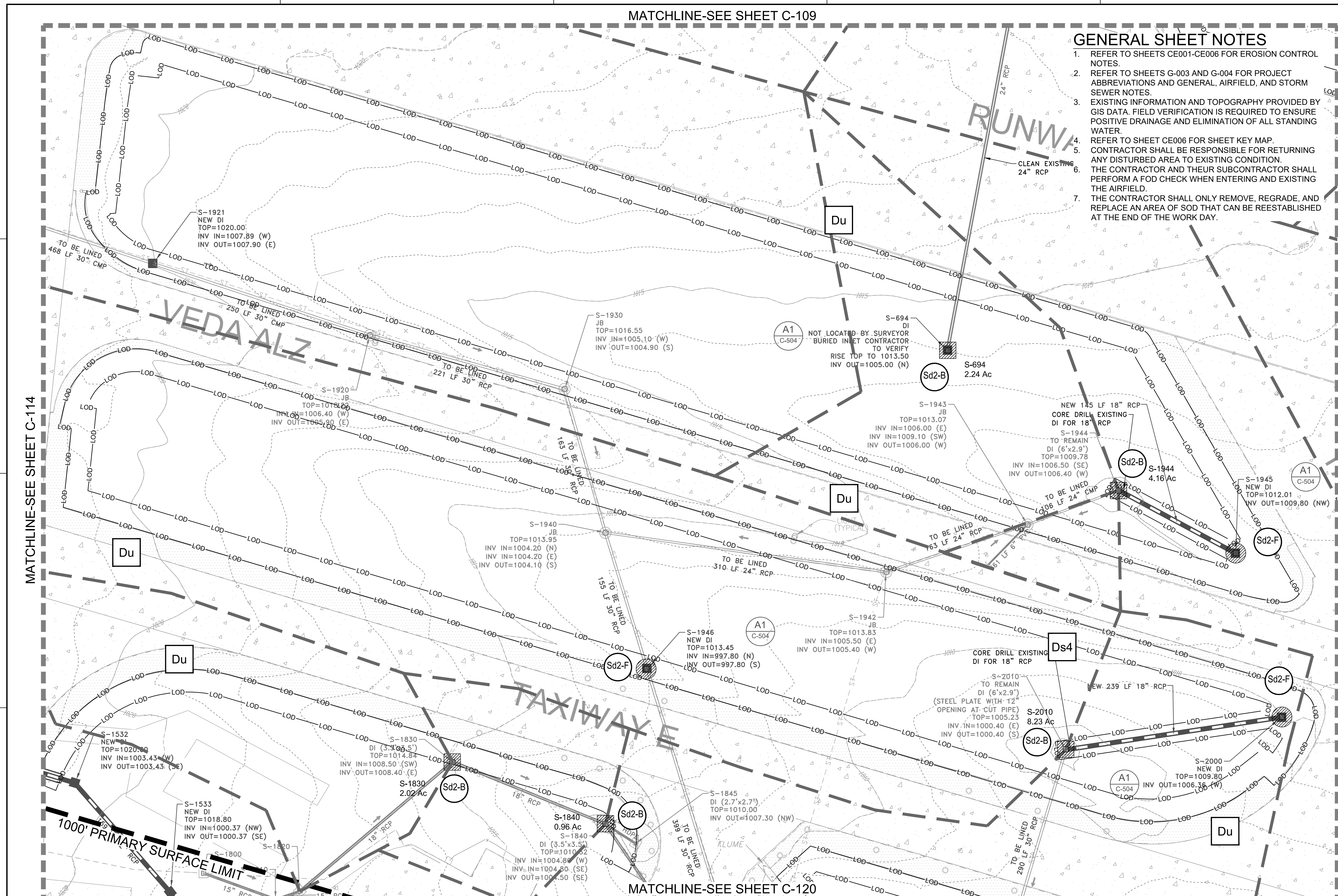
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470684

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE215



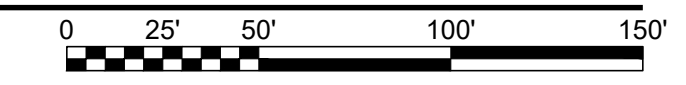
MATCHLINE-SEE SHEET C-114

MATCHLINE-SEE SHEET C-116

MATCHLINE-SEE SHEET C-120

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

FILE PATH: M:\USAGE LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE 1\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

MATCHLINE-SEE SHEET CE111

MATCHLINE-SEE SHEET CE116

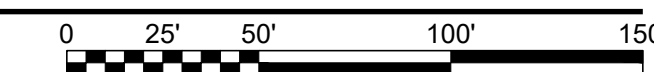
MATCHLINE-SEE SHEET CE118

MATCHLINE-SEE SHEET CE122

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064848 EXP. 03/09/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NUMBER: | CONTRACT NO.: |
| FILE NAME: CE201.dwg | FILE NUMBER: |
| SIZE: ANSI D | |

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

POND
 TETRA TECH, INC.
 LOUISVILLE, KENTUCKY 40202
 500 PARKWAY LAKE
 FRANKLIN COUNTY, GA 30002
 PH: (404) 544-4900
 FAX: (404) 544-4906
 WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE217

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE 1\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET #####

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/05/2021

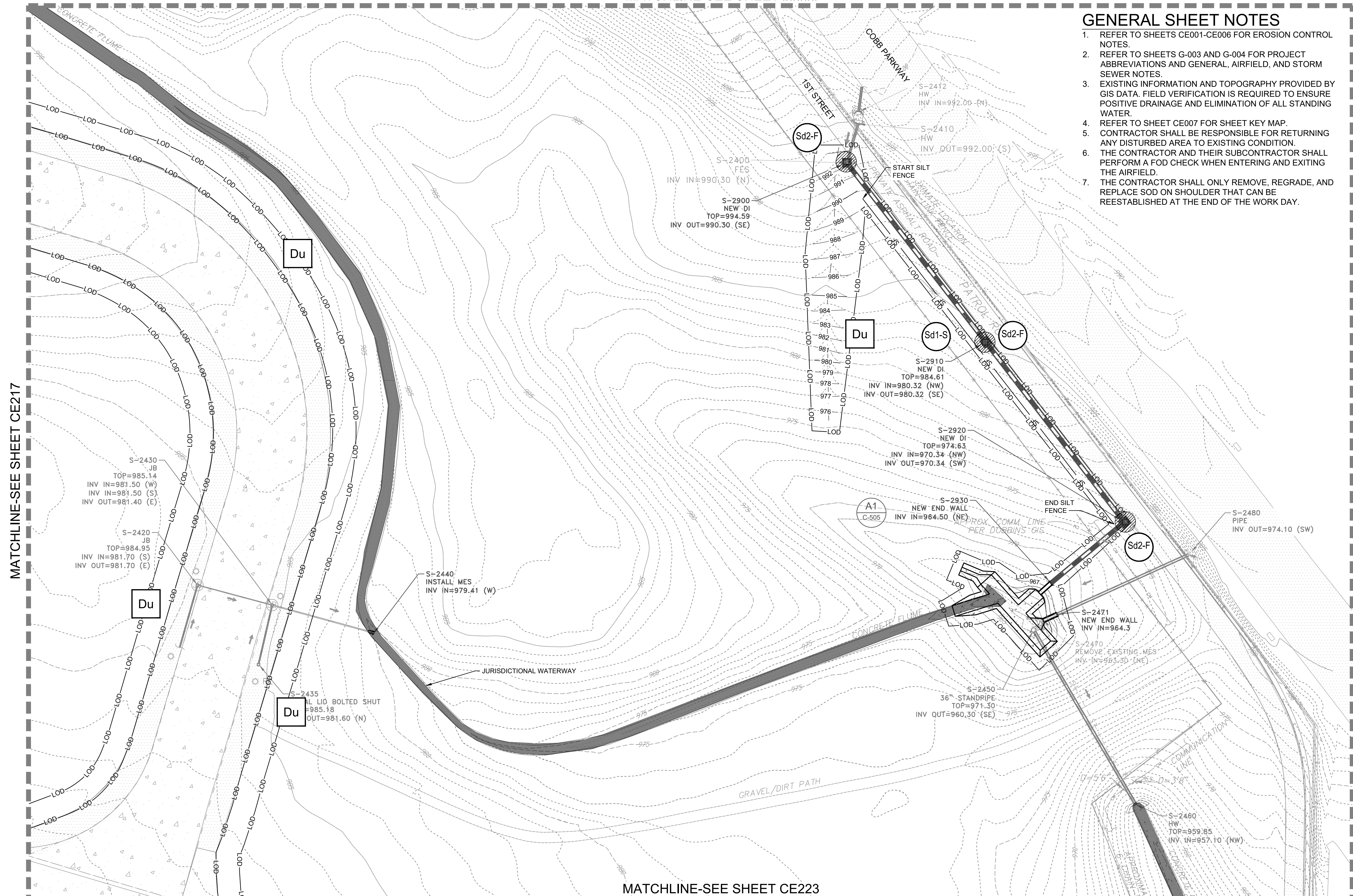
| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NAME: ANSI.DWG | CONTRACT NO.: |
| FILE NUMBER: | FILE NUMBER: |
| FILE SIZE: | FILE SIZE: |

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT
 LOUISVILLE, KENTUCKY 40210-0059
POND
 5800 PARKWAY, SUITE 100
 FLEMINGVILLE, KENTUCKY 40022
 PH: (606) 284-4986
 FAX: (606) 284-1786
 WWW.INFORMATION.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470584
EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE218

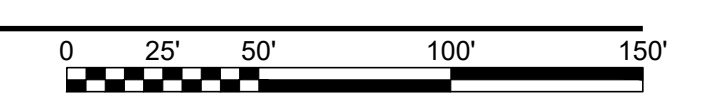


MATCHLINE-SEE SHEET CE217

MATCHLINE-SEE SHEET CE223

EROSION CONTROL PLAN - INTERMEDIATE

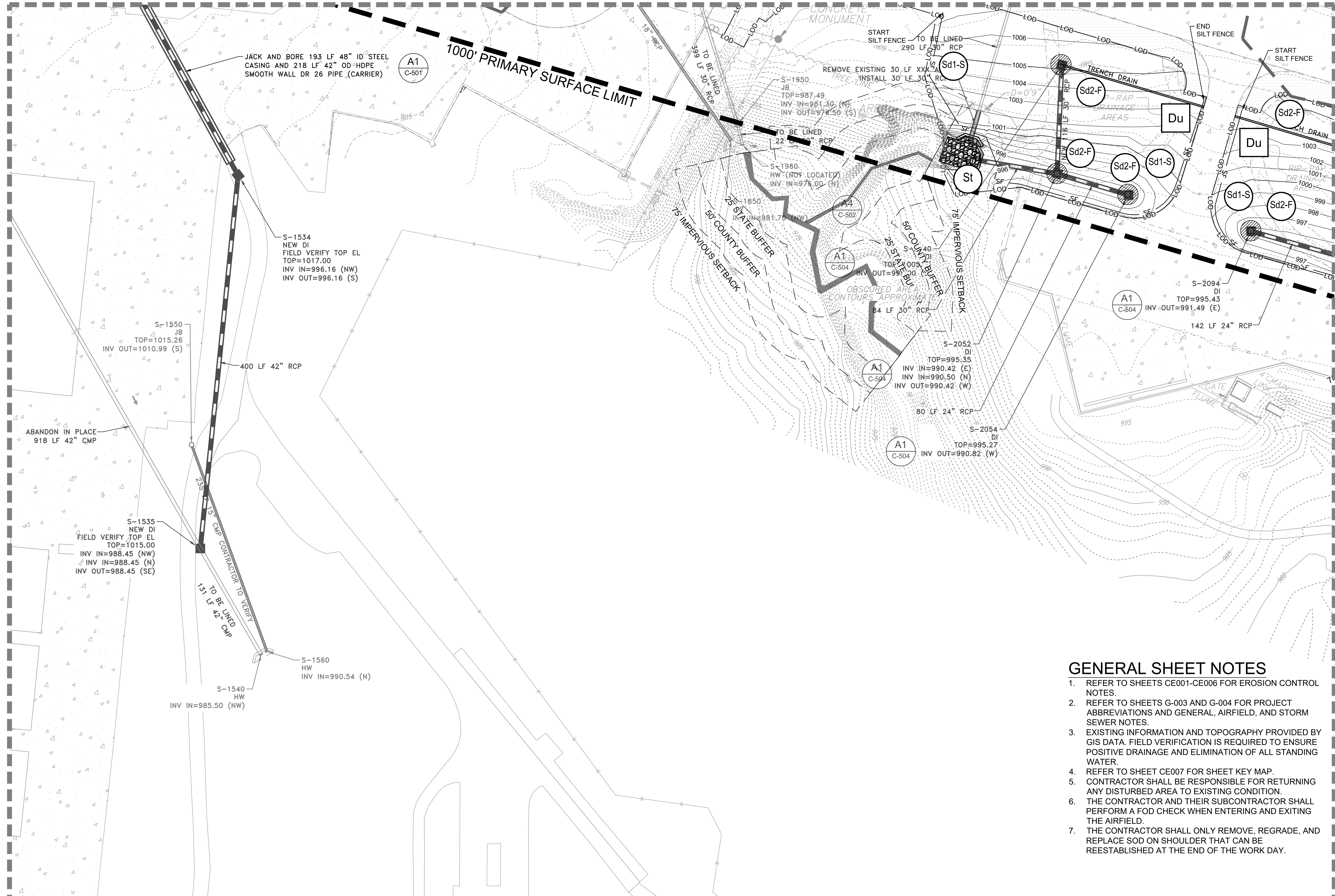
SCALE: 1" = 50'



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

FILE PATH: M:\USAGE\LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE 2\DRAINAGE\IM.CAD_BIM\04.02.CAD\CE218.DWG PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE115



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



MATCHLINE-SEE SHEET CE121

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
NO. 035232
JAMES A. SWIFT

GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 0000064848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: J. SWIFT
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE201.dwg
SIZE: ANSID

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

TETRA TECH, INC.
2800 PARKWAY LAKE
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-2900
FAX: (502) 254-2906
WWW.TETRA-TECH.COM

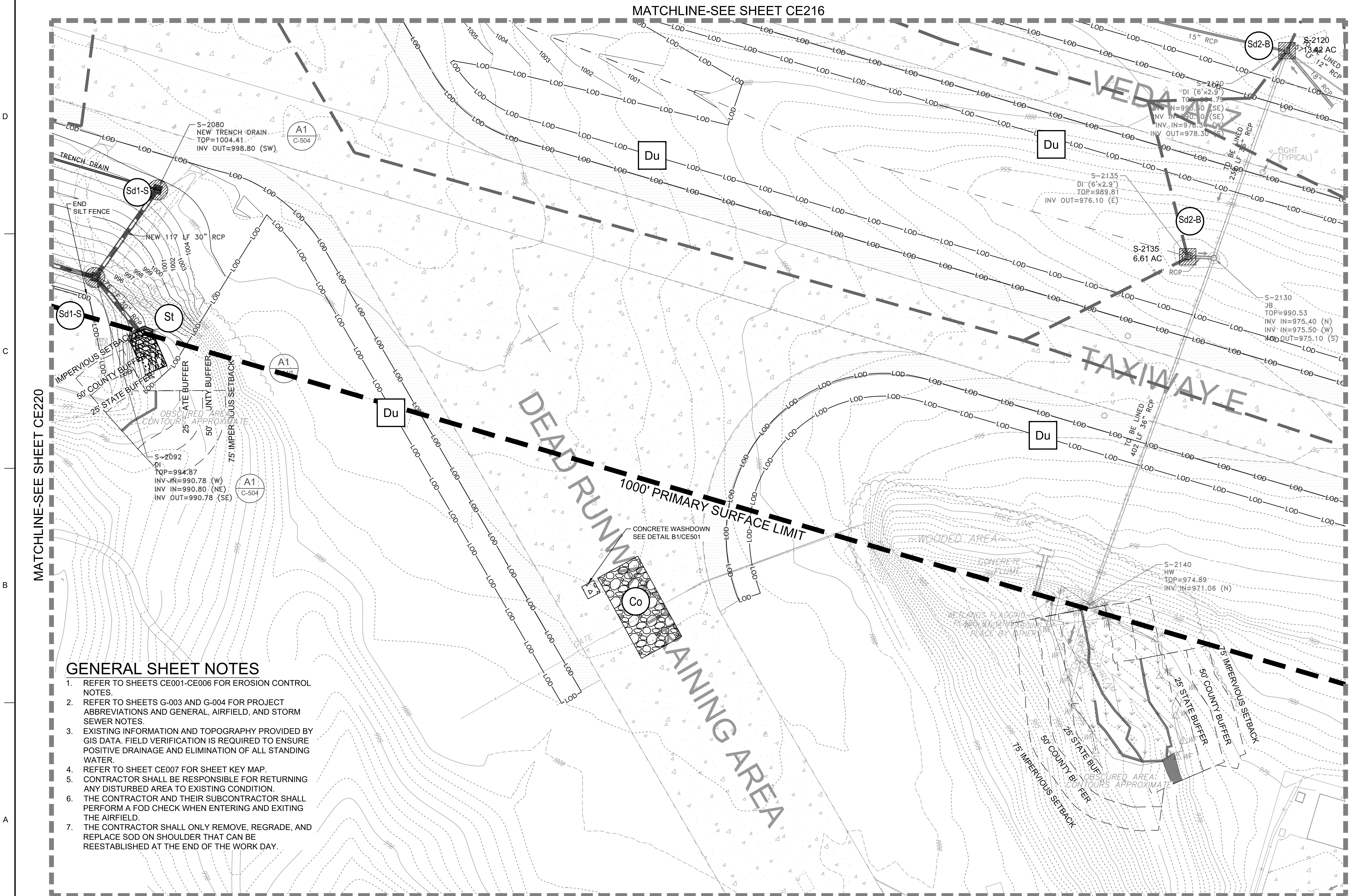
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE220

MATCHLINE-SEE SHEET CE216



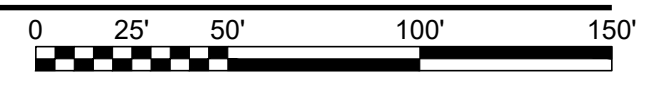
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



MATCHLINE-SEE SHEET CE222



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MARICCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NAME: CE201.dwg | CONTRACT NO.: |
| FILE NUMBER: | |

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

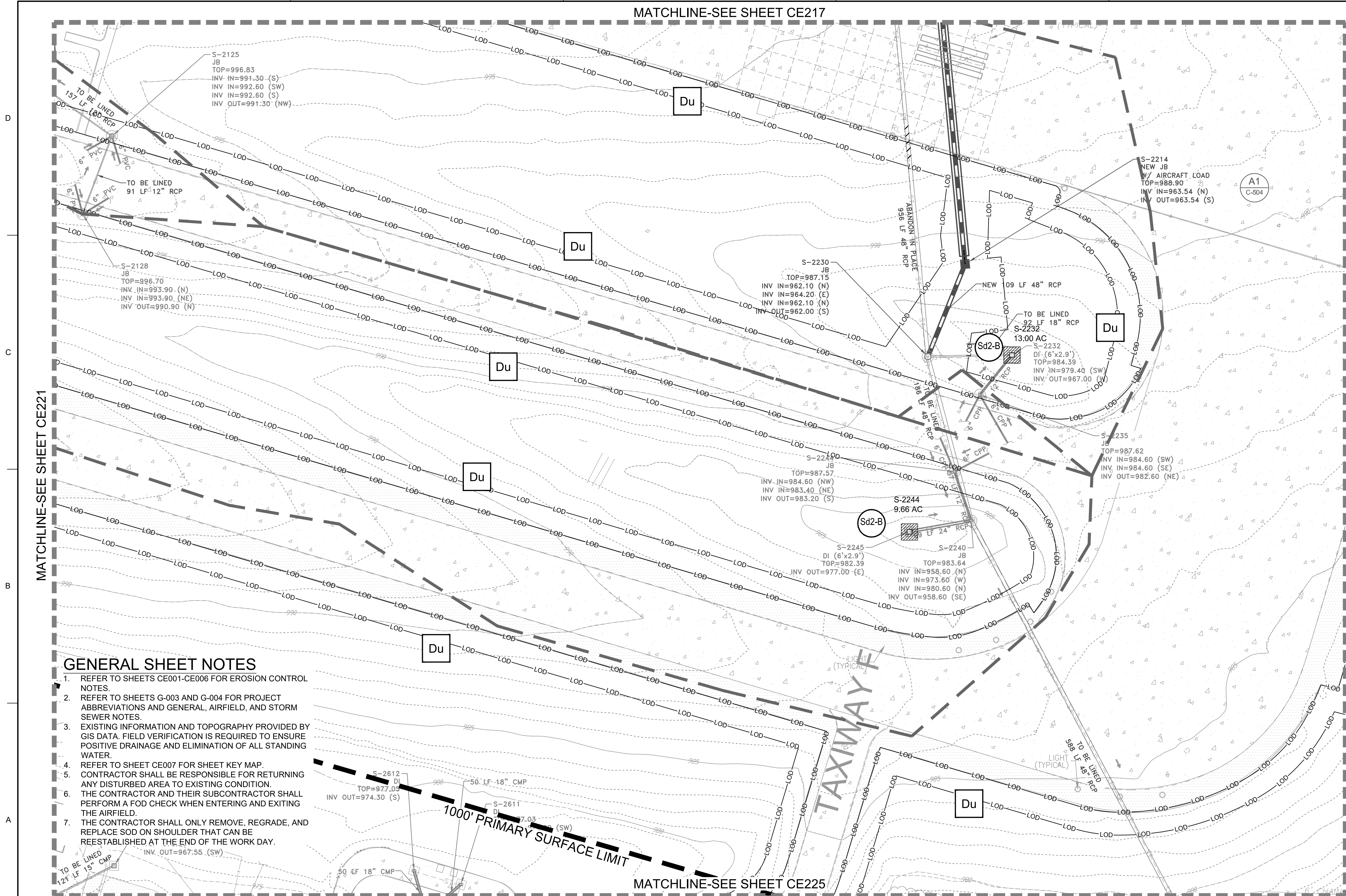
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE221

MATCHLINE-SEE SHEET CE217



GENERAL SHEET NOTES

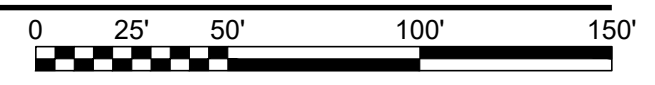
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

MATCHLINE-SEE SHEET CE225

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-22714
GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|-------------------|------------|
| ISSUE DATE: | 05/20/2019 |
| DESIGNED BY: | C. MARICCO |
| CHECKED BY: | J. SWIFT |
| FILE NAME: | CE201.dwg |
| FILE NUMBER: | |
| CONTRACT NO.: | |
| SOLICITATION NO.: | |

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
www.tetra-tech.com

DESIGNED BY: C. MARICCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470584

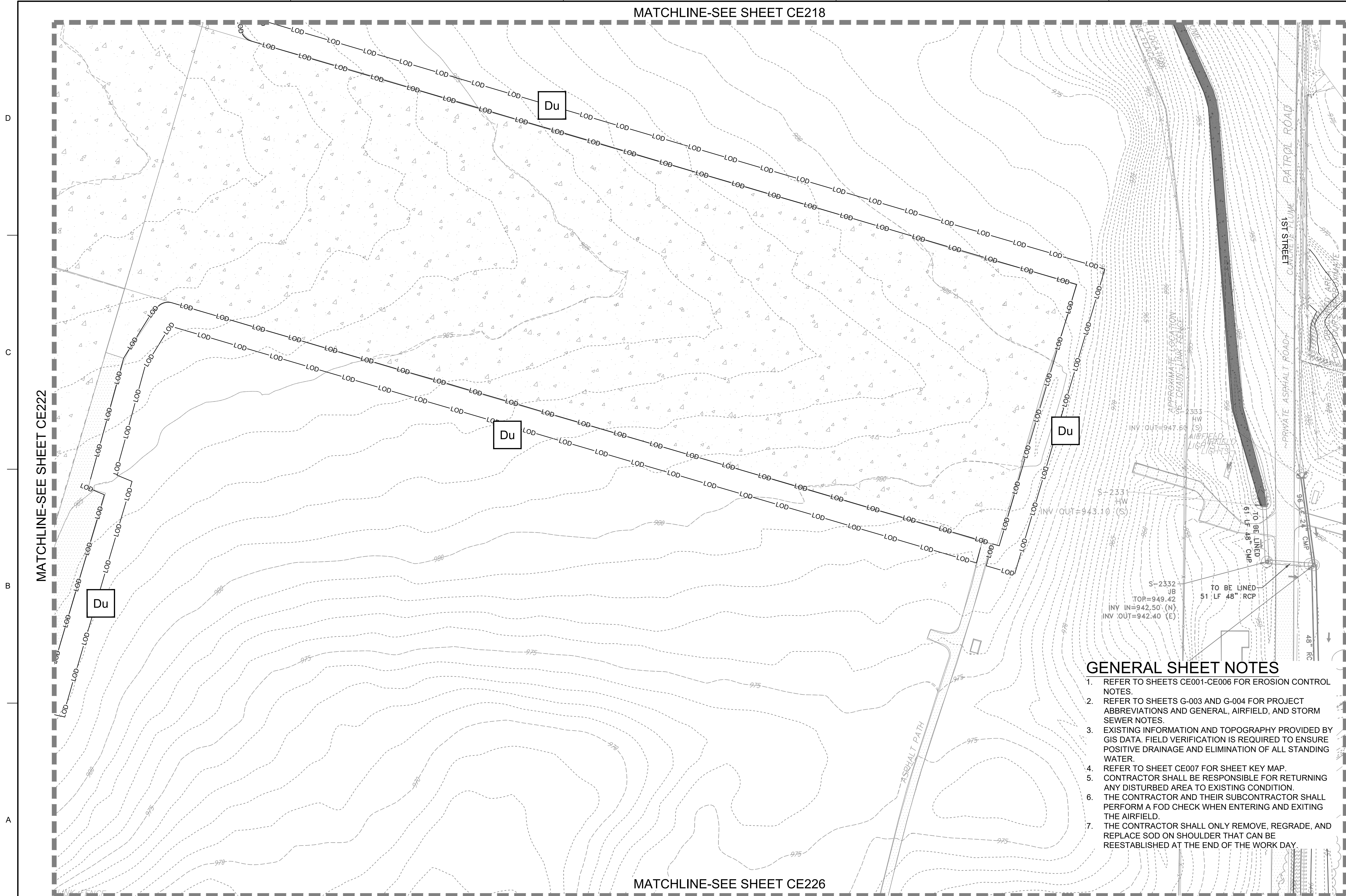
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE222

FILE PATH: M:\USACE_LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAICCO, CHRISTIAN

MATCHLINE-SEE SHEET CE218



MATCHLINE-SEE SHEET CE222

MATCHLINE-SEE SHEET CE226

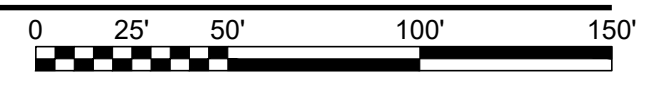
24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/02/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE201.dwg
SIZE: ANSID

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

POND
TETRA TECH, INC.
2800 PARKWAY LAKE
PLACEMINNE, GEORGIA 30072
PH: 770.254.4000
FAX: 770.254.4008
WWW.TETRA-TECH.COM

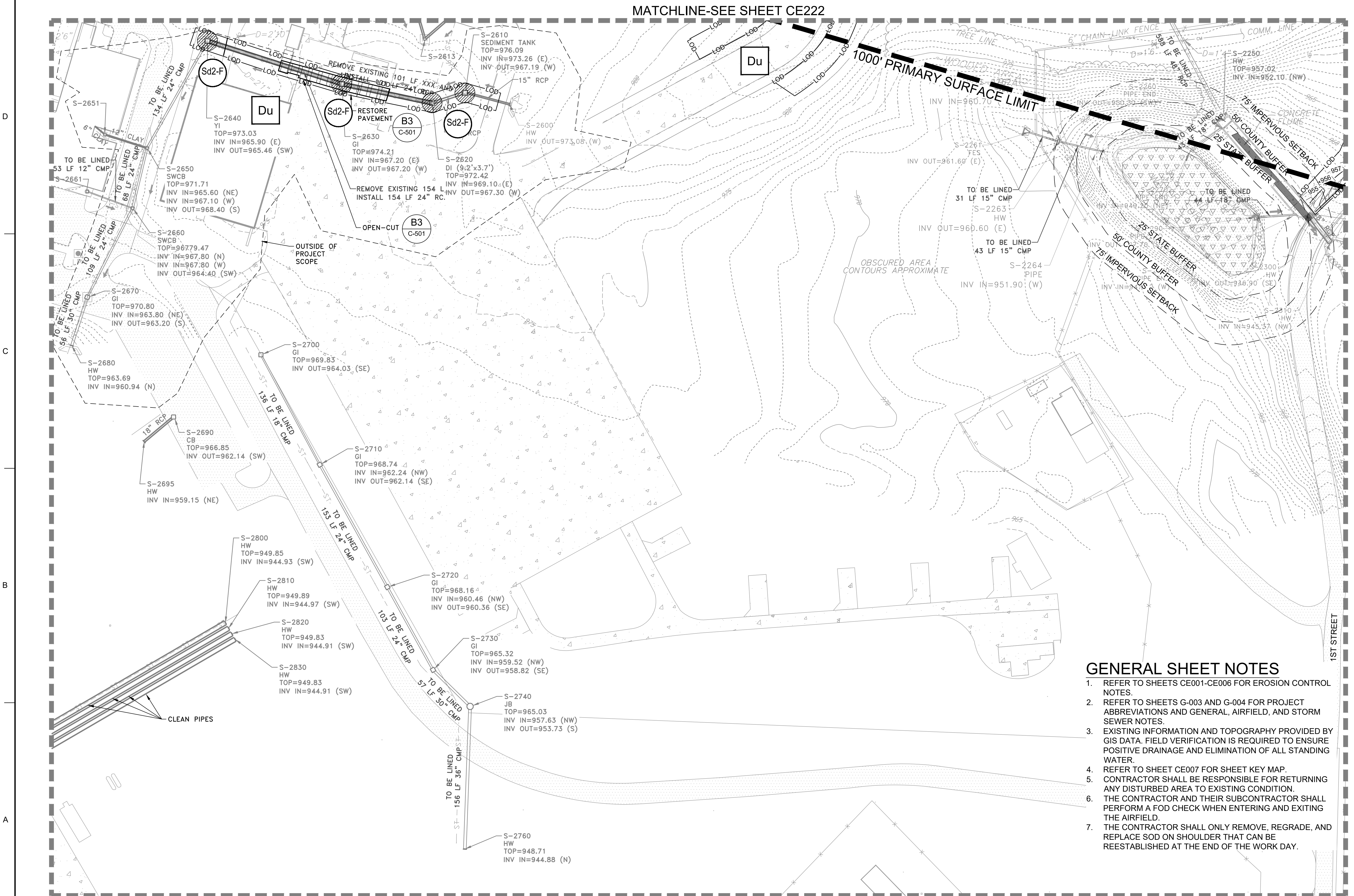
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE223

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE 1\DRAINAGE\IM.CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

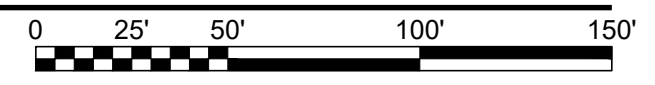
MATCHLINE-SEE SHEET CE222



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

MATCHLINE-SEE SHEET CE226

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-12714
GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004846 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE201.dwg
SIZE: ANSID

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 244-2008
FAX: (502) 244-2008
www.tetra-tech.com

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBS AIR RESERVE BASE, GEORGIA

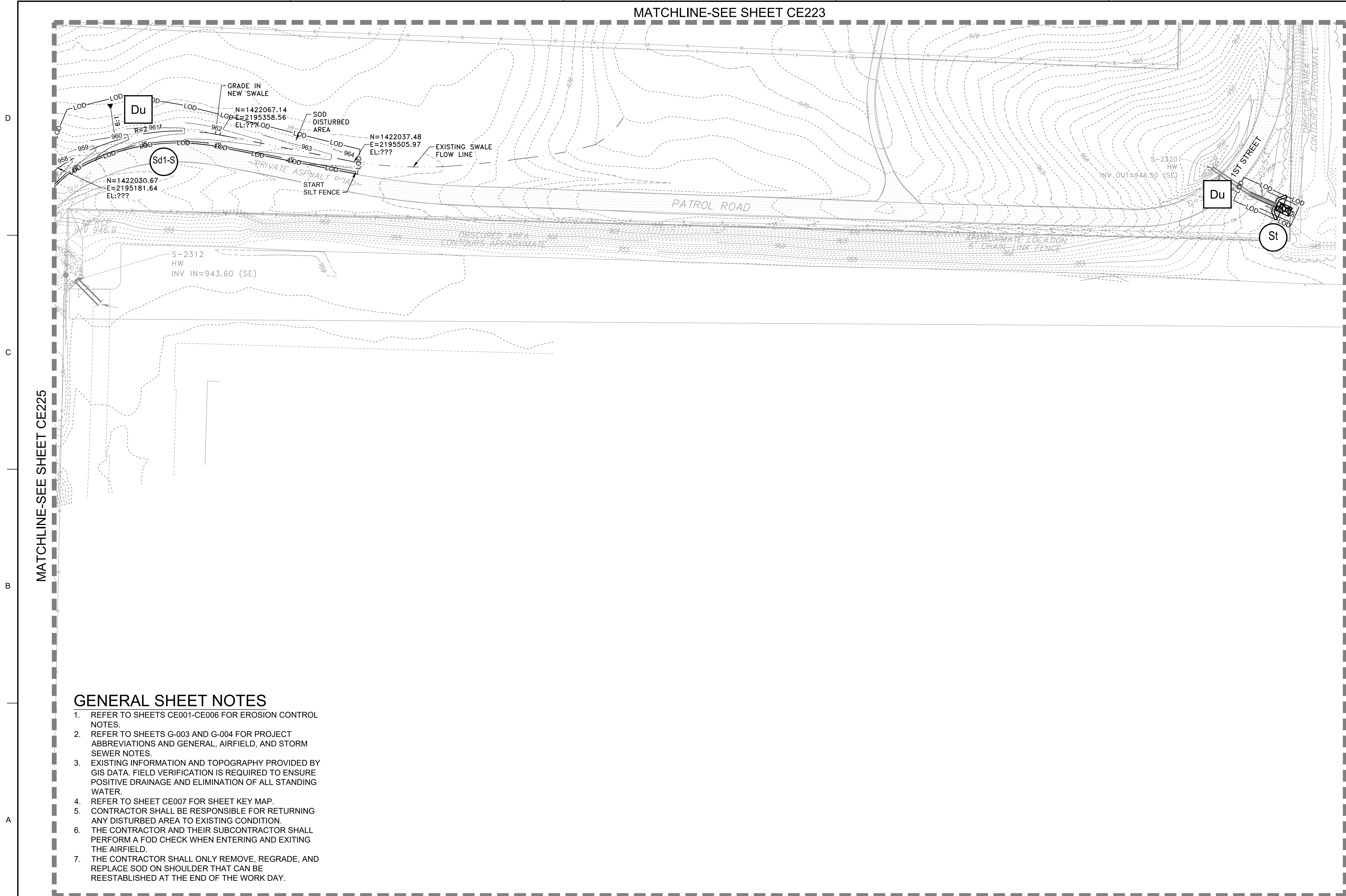
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE225

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\CAD_BIM\04.02.CAD\CE201 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE223



MATCHLINE-SEE SHEET CE225

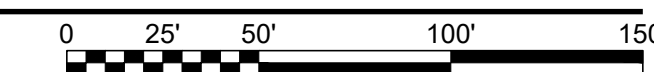
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - INTERMEDIATE

SCALE: 1" = 50'



US Army Corps of Engineers®
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA
REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-22-19
GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/01/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

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

POND
2800 PARKWAY EAST
SUITE 100
PLACEMINTE CORPENS, GA 30022
PHONE: 770.244.1185
FAX: 770.244.1186
WWW.POND.COM

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
PHONE: 502.584.4000
WWW.TETRA-TECH.COM

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA
FILE NAME: ANSID_CE201.dwg

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
SIZE: -

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470884

EROSION CONTROL PLAN - INTERMEDIATE

SHEET ID
CE226

GENERAL SHEET NOTES

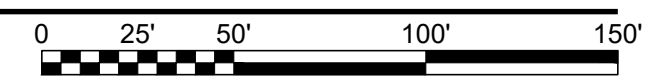
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

MATCHLINE-SEE SHEET CE301

MATCHLINE-SEE SHEET CE303

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL
SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: J. SWIFT
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE301.dwg
ANSID:

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

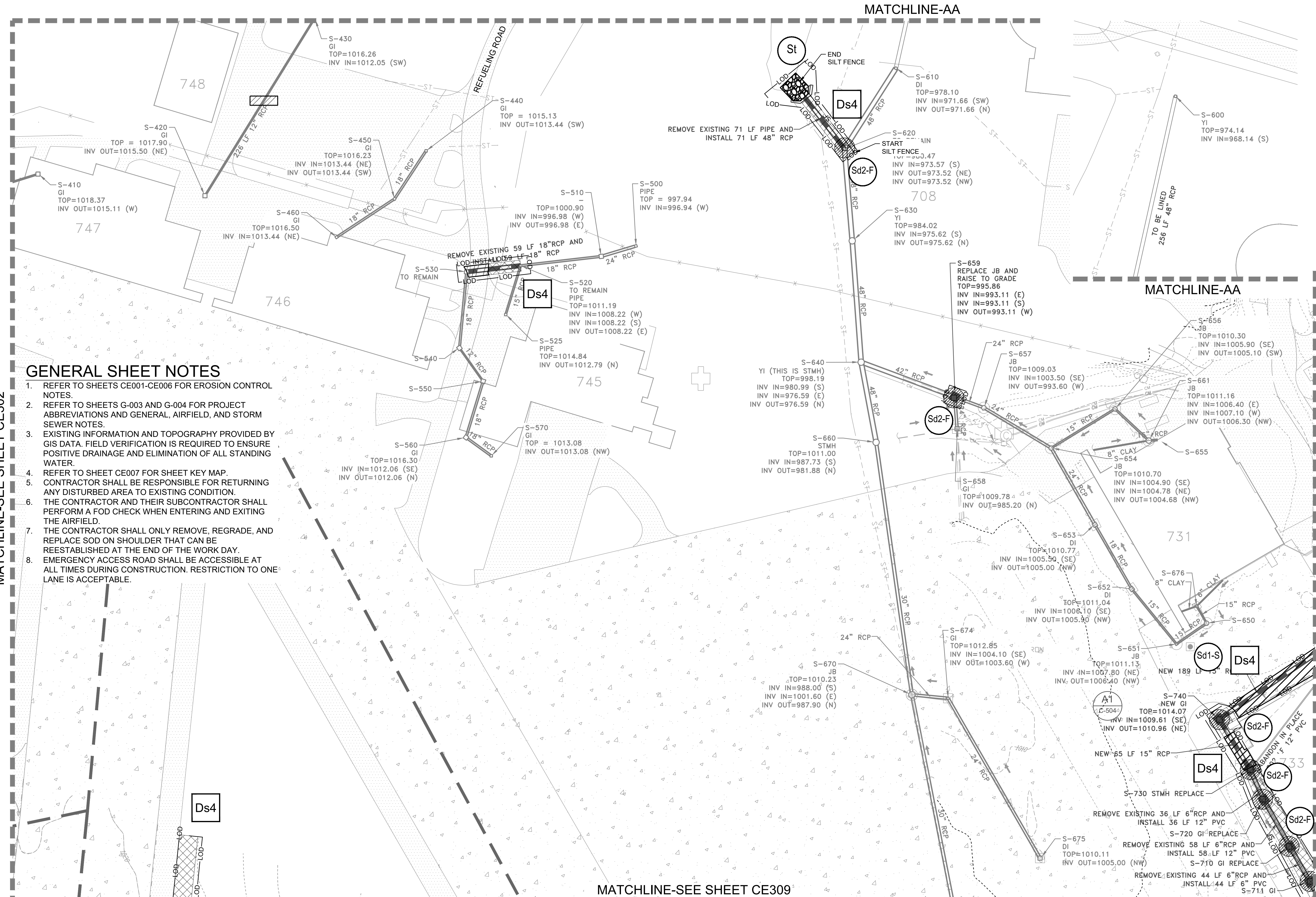
POND
TETRA TECH, INC.
2800 PARSONS WAY
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4000
FAX: (502) 254-4006
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE302

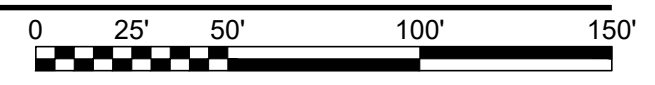


GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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. EMERGENCY ACCESS ROAD SHALL BE ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION. RESTRICTION TO ONE LANE IS ACCEPTABLE.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

MATCHLINE-SEE SHEET CE309
EROSION CONTROL PLAN - FINAL
 SCALE: 1" = 50'



JAMES A. SWIFT, P.E.
 P.E. No. 034223, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MARICCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NAME: CE301.dwg | CONTRACT NO.: |
| FILE NUMBER: | |

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

CHECKED BY: J. SWIFT

FILE NAME: CE301.dwg

FILE NUMBER:

CONTRACT NO.:

SOLICITATION NO.:

ISSUE DATE: 05/20/2019

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBINS AIR RESERVE BASE, GEORGIA
 PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE303

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\IM.CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/20/2019 BY: MAICCO, CHRISTIAN

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:
FILE NAME: CE301.dwg

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

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

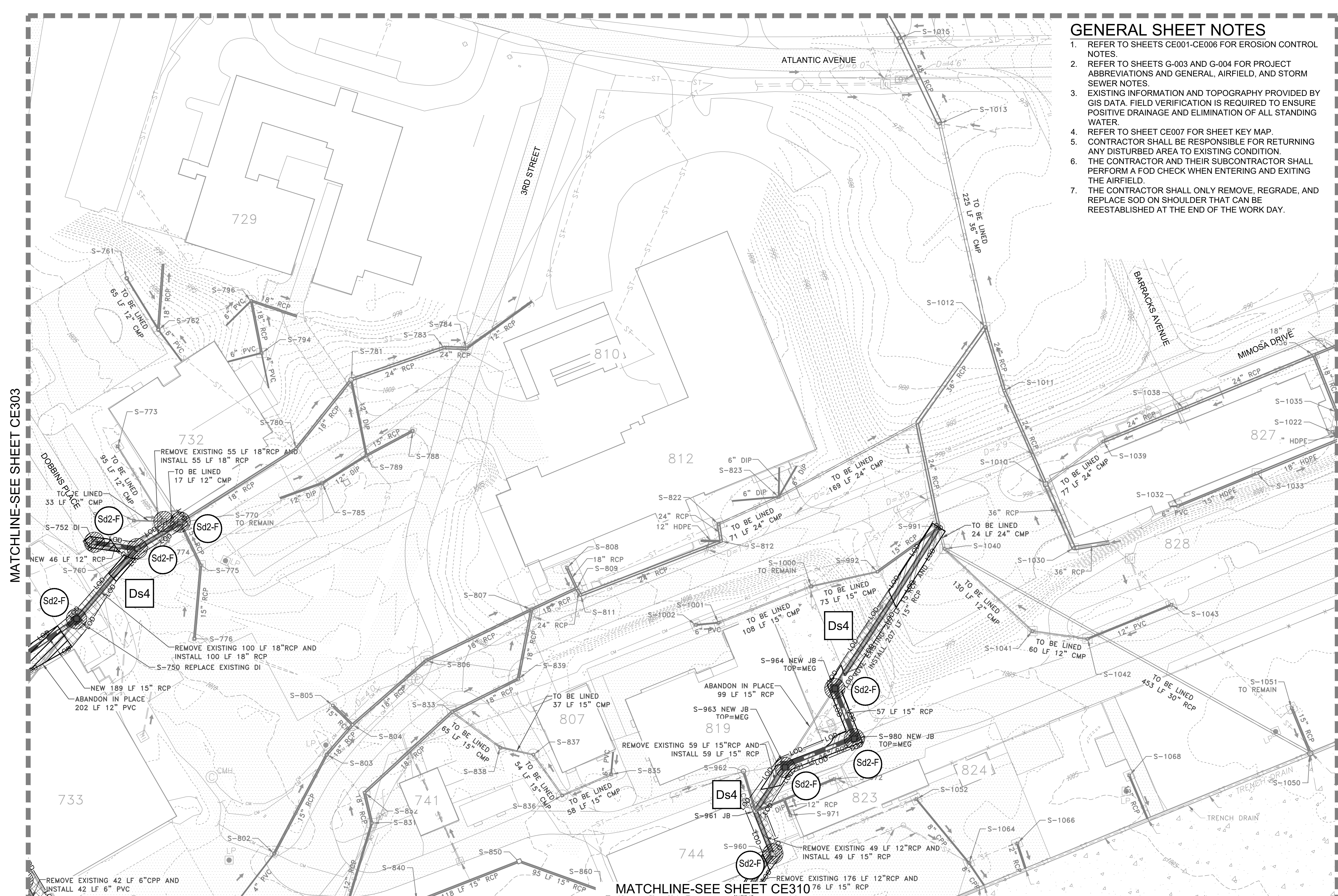
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 244-0008
FRENCH LANE, MISSOURI 63026

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE304

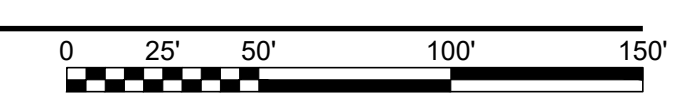


MATCHLINE-SEE SHEET CE303

MATCHLINE-SEE SHEET CE310

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'

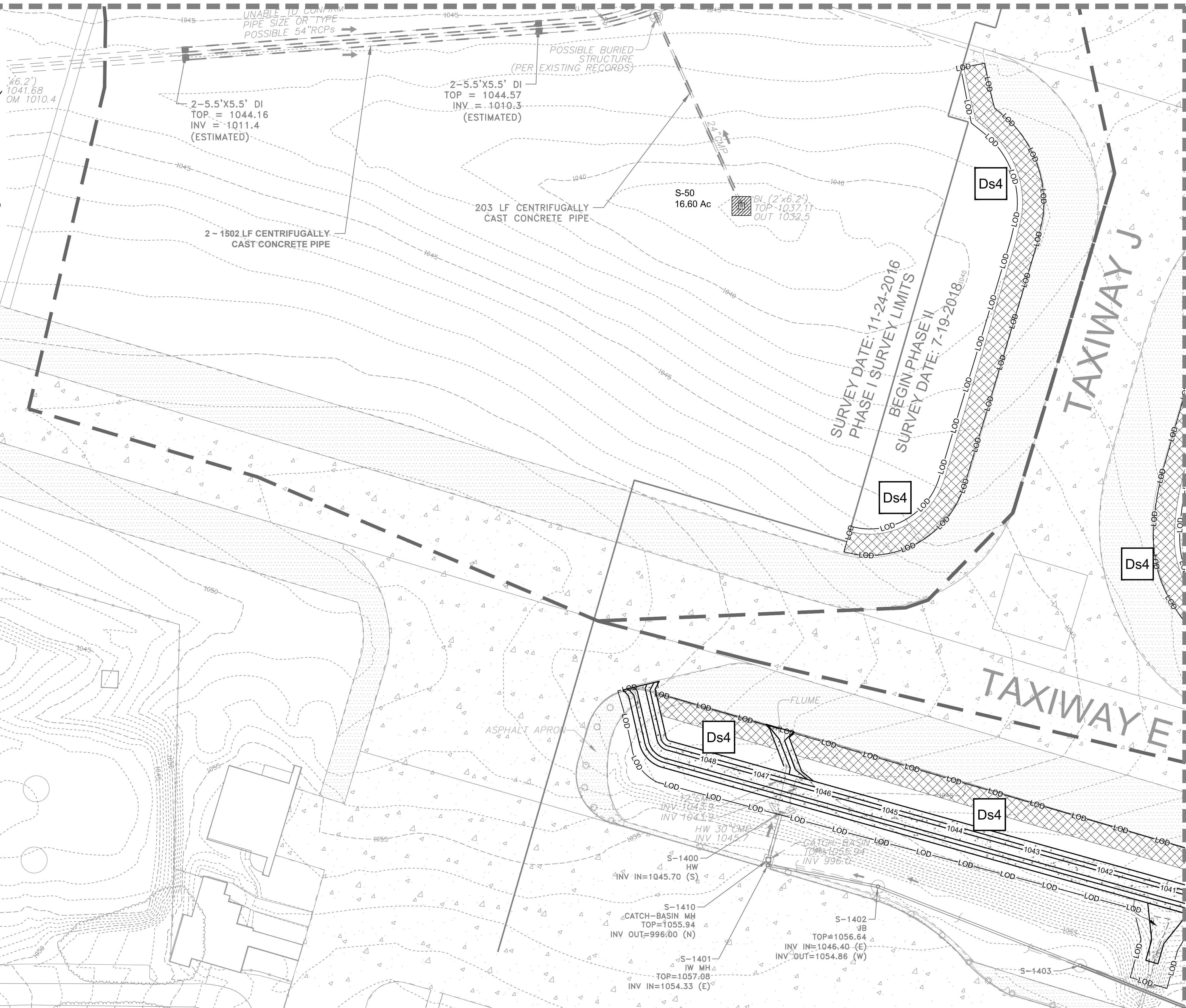


24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

FILE PATH: M:\USAGE\LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

GENERAL SHEET NOTES

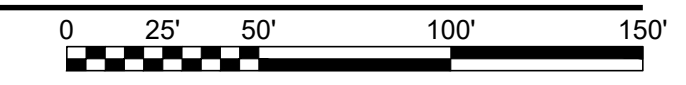
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



MATCHLINE-SEE SHEET CE107



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MAIOCCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSI Dwg | |

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

POND
TETRA TECH, INC.
2800 PARSONS WAY, SUITE 300
PLACEMINNE CORPORS, GA 30072
PH: (770) 584-4900
FAX: (770) 584-1756
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

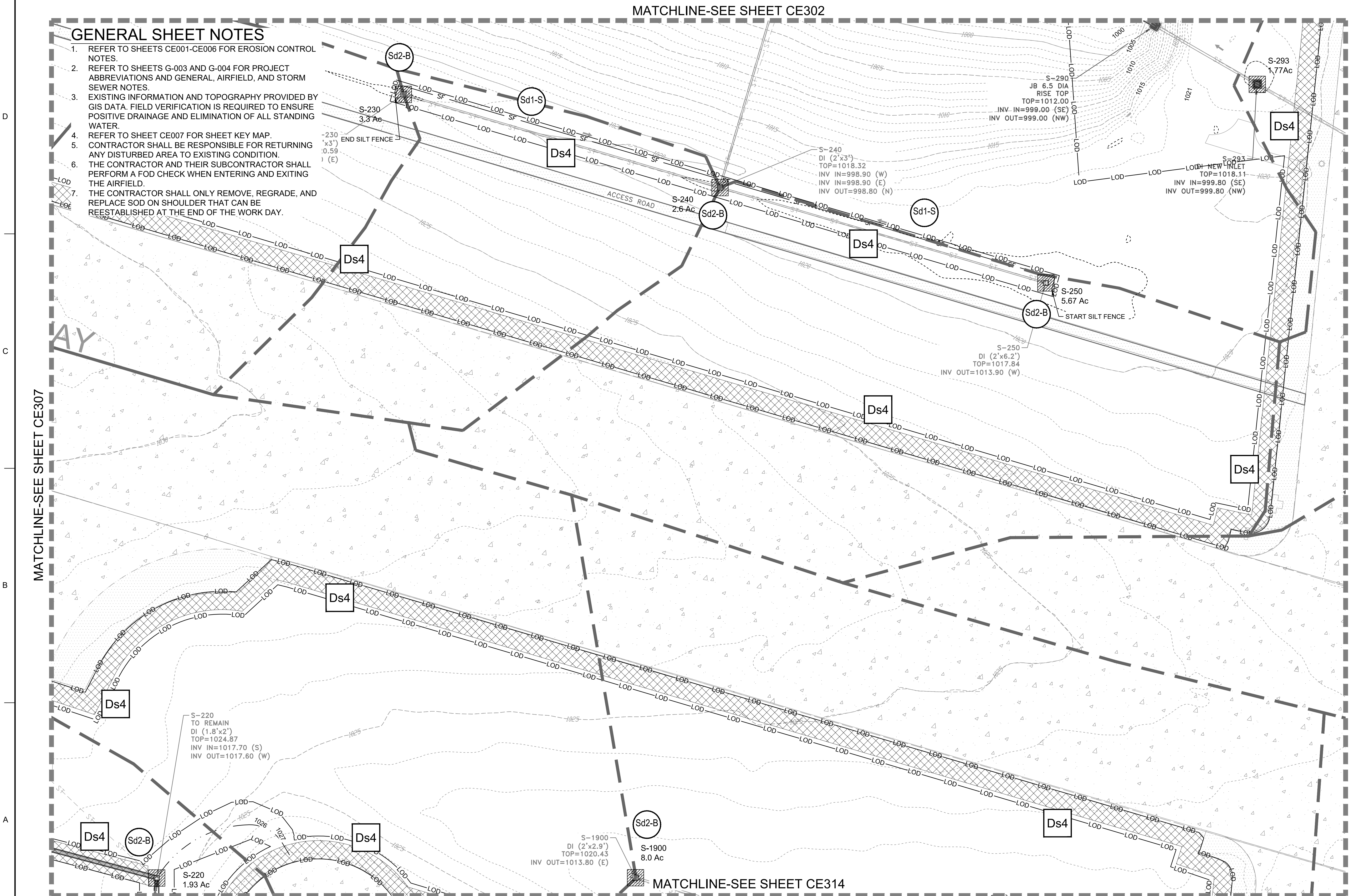
SHEET ID
CE306

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE302

GENERAL SHEET NOTES

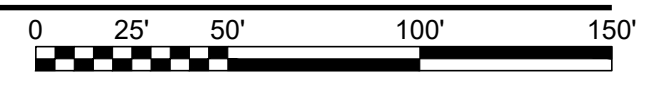
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NUMBER: | CONTRACT NO.: |
| FILE NAME: CE301.dwg | |

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

POND
TETRA TECH, INC.
2800 PARSONS WAY, SUITE 200
LOUISVILLE, KENTUCKY 40202
PH: (502) 254-4000
FAX: (502) 254-1856
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE308

MATCHLINE-SEE SHEET CE304

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-22-14
GSWC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|-------------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| CONTRACT NO.: | FILE NUMBER: |
| FILE NAME: ANSID_CE301.dwg | |

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

POND
3800 PARKWAY, SUITE 300
PLACEMINNEAPOLIS, MINN. 55425
TEL: 612.221.1156 FAX: 612.221.1158

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
TEL: 502.254.4900 FAX: 502.254.4908
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE310

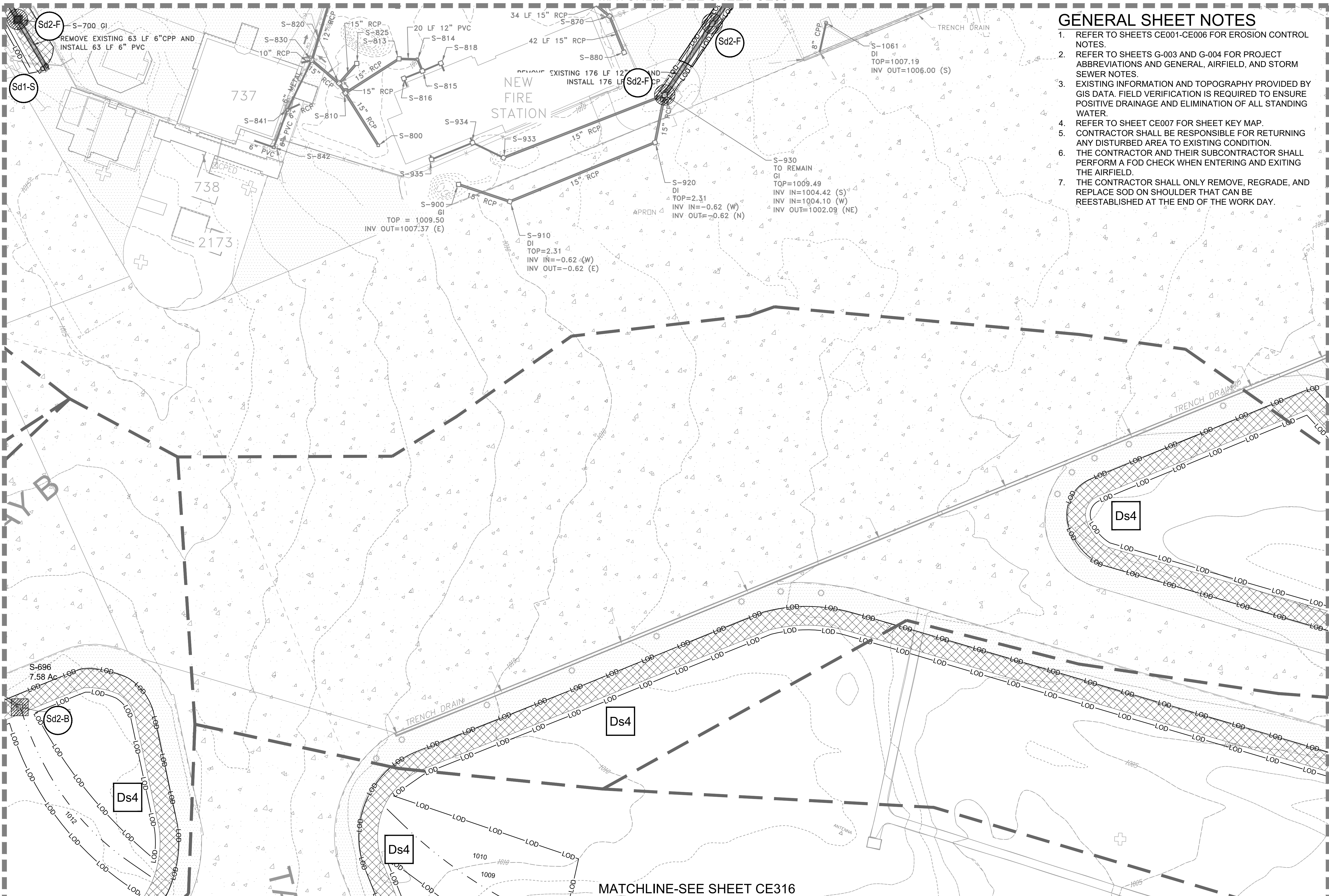
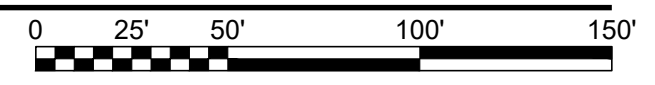
MATCHLINE-SEE SHEET CE309

MATCHLINE-SEE SHEET CE311

MATCHLINE-SEE SHEET CE316

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



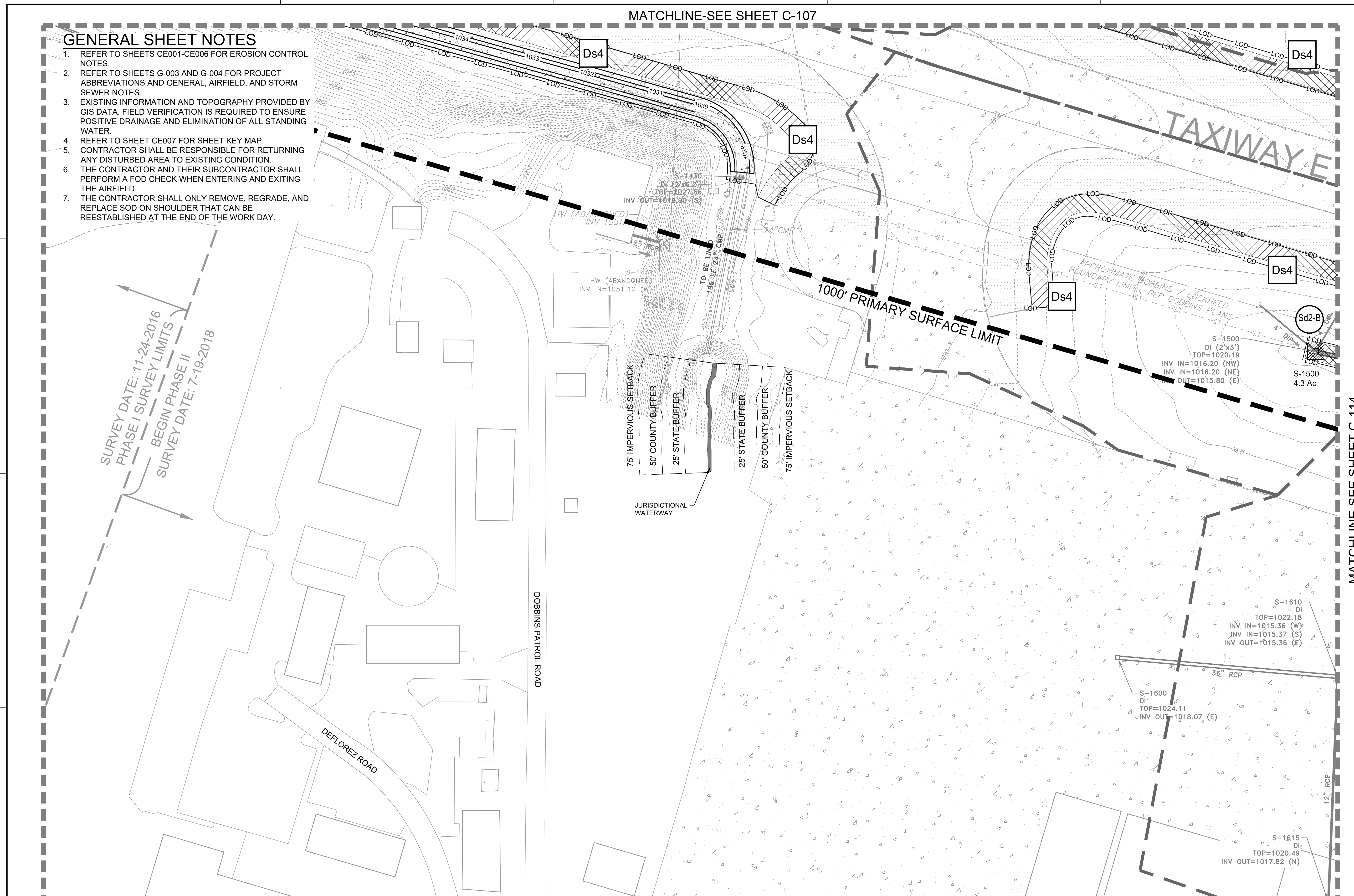
24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

MATCHLINE-SEE SHEET C-107

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

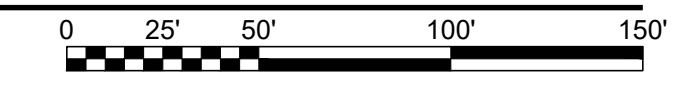
SURVEY DATE: 11-24-2016
 PHASE I SURVEY LIMITS
 BEGIN PHASE II
 SURVEY DATE: 7-19-2018



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



MATCHLINE-SEE SHEET C-114

US Army Corps of Engineers
 Louisville District

JAMES A. SWIFT, P.E.
 P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
 NO. 035223
 JAMES A. SWIFT
 S-22-1A
 GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/26/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
 DRAWN BY: C. MAIOCCO
 CHECKED BY: J. SWIFT
 SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
 SOLICITATION NO.:
 CONTRACT NO.:
 FILE NUMBER:

FILE NAME: CE301.dwg
 ANSID

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

TETRA TECH, INC.
 2800 PARKWAY LAKE
 LOUISVILLE, KENTUCKY 40202
 PH: (502) 254-4000
 FAX: (502) 254-4006
 WWW.TETRA-TECH.COM

DOBBS AIRFIELD STORM WATER SYSTEM PHASE 2
 DOBBS AIR RESERVE BASE, GEORGIA

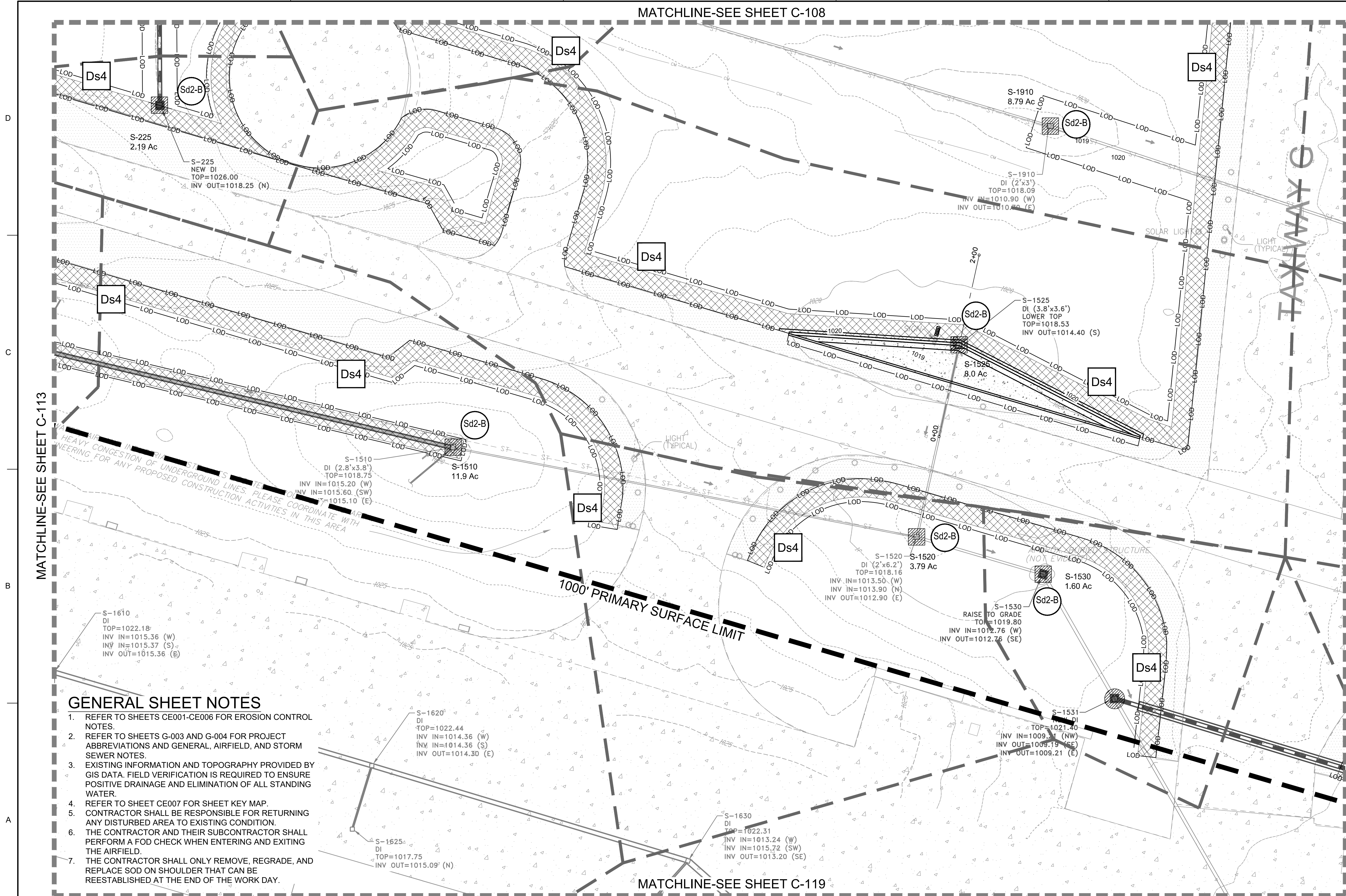
PROJECT NO.: FGWB 04-0014P2A/B
 P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE313

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/02/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET C-108



GENERAL SHEET NOTES

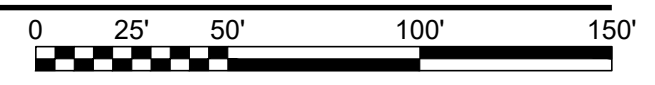
1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

MATCHLINE-SEE SHEET C-119

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-22714
GSWCC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE301.dwg

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

TETRA TECH, INC.
2800 PARSONS AVE
PLACEMORE CORPORS, GA 30002
PH: (770) 244-4000
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470684

EROSION CONTROL PLAN - FINAL

SHEET ID
CE314

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE310

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000004848 EXP. 03/30/21

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MARICCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MARICCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSI Dwg | CE301.dwg |

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

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
500 PARKWAY LAKE
SHELBYVILLE, KY 40381
PH: (502) 584-4000
WWW.TETRA-TECH.COM

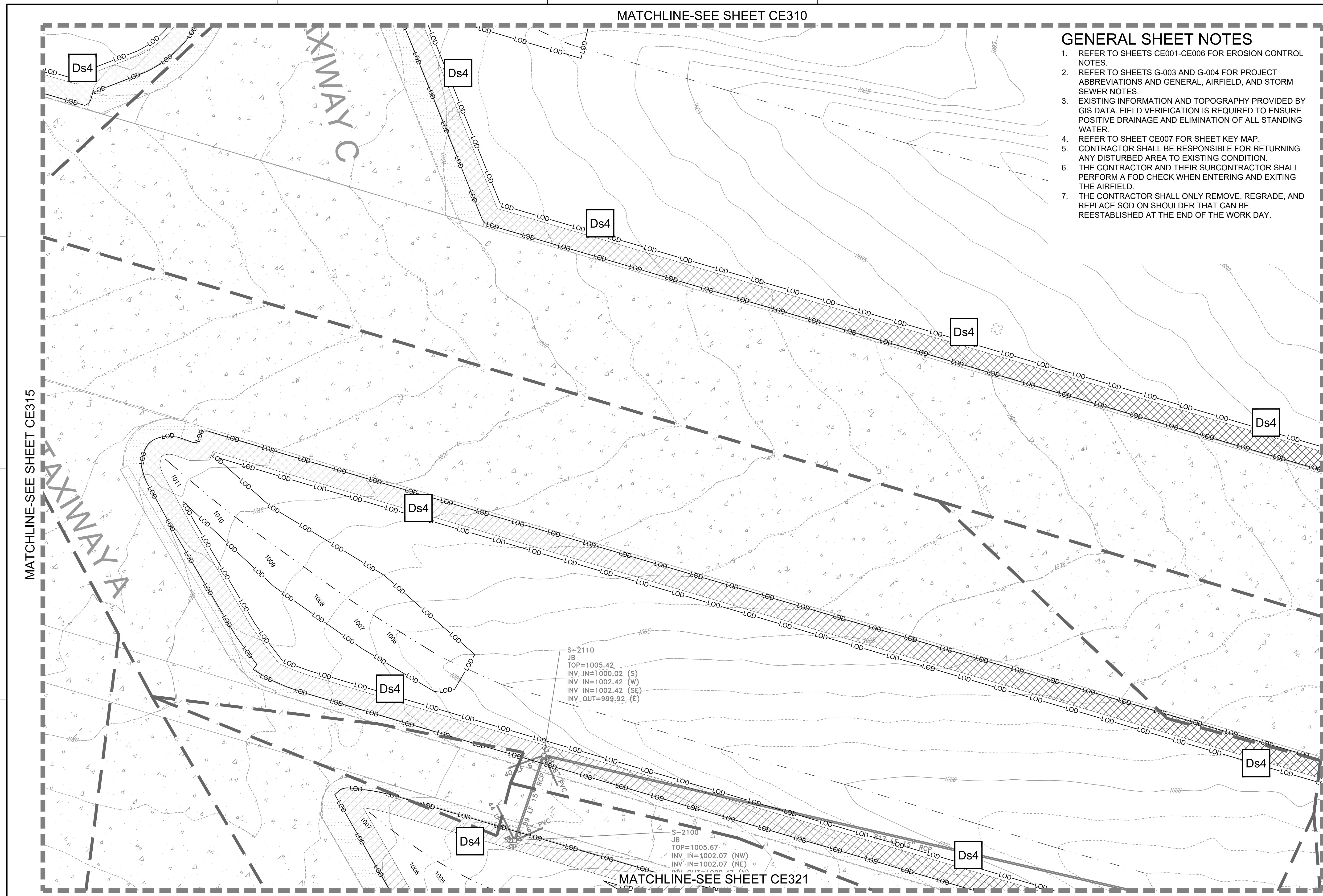
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE316

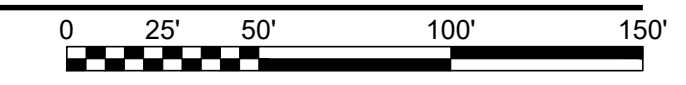
MATCHLINE-SEE SHEET CE315

MATCHLINE-SEE SHEET CE317



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL
SCALE: 1" = 50'



FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE 1\DRAINAGE\CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/20/2019 BY: MAICCO, CHRISTIAN

MATCHLINE-SEE SHEET #####

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 000006486 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NAME: CE301.dwg | CONTRACT NO.: |
| FILE NUMBER: | FILE NUMBER: |

U.S. ARMY CORPS OF ENGINEERS
LOUISVILLE DISTRICT

DESIGNED BY: C. MAIOCCO
DRAWN BY: J. SWIFT
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

LOUISVILLE, KENTUCKY 40210-0059

POND TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
400 PARKWAY EAST
PLACEMINTLE CORPORS, GA 30022
PHONE: 502.244.4000
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

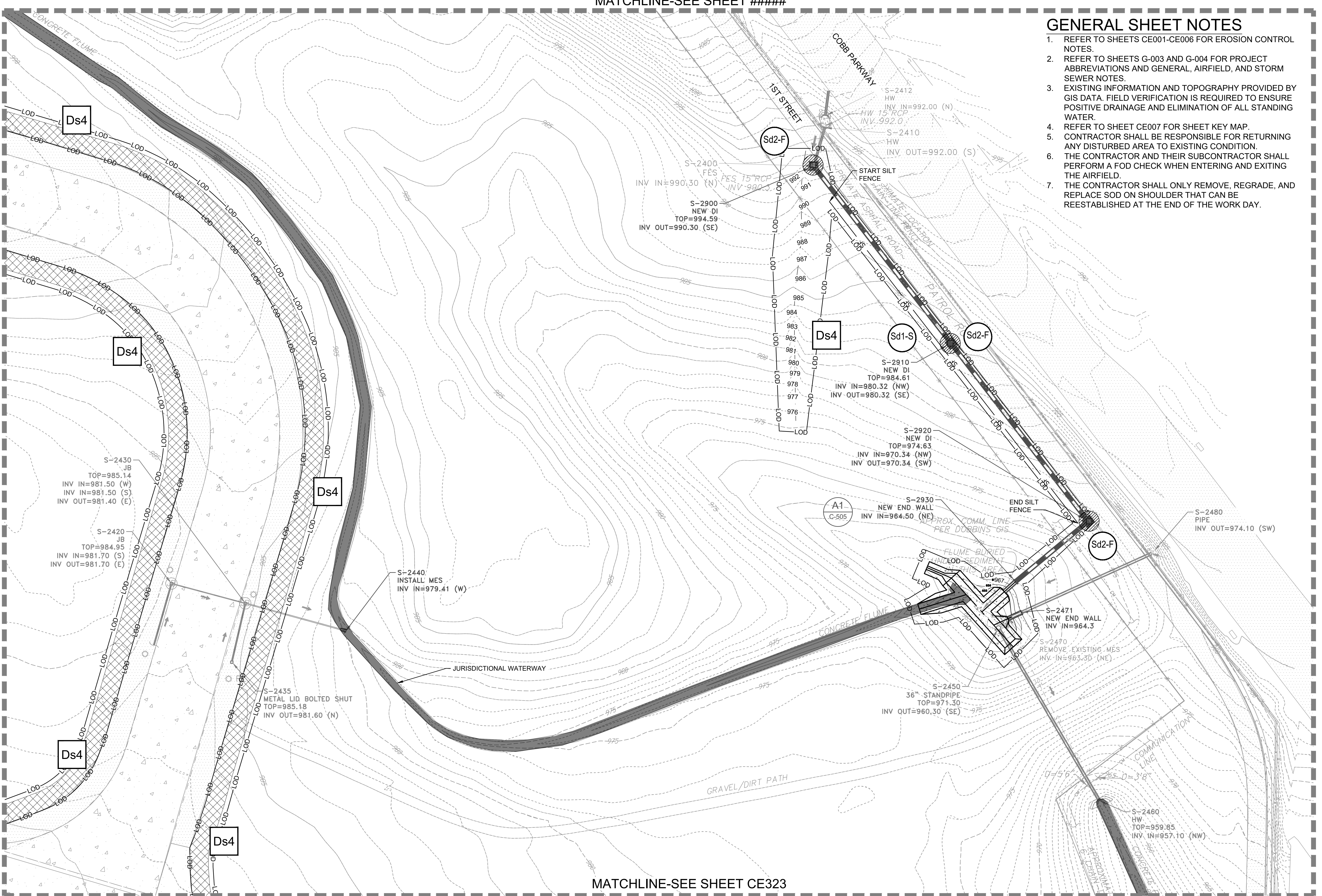
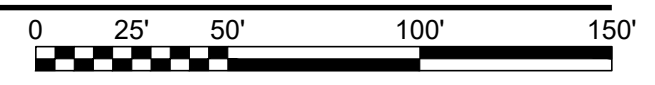
SHEET ID
CE318

MATCHLINE-SEE SHEET CE317

MATCHLINE-SEE SHEET CE323

EROSION CONTROL PLAN - FINAL

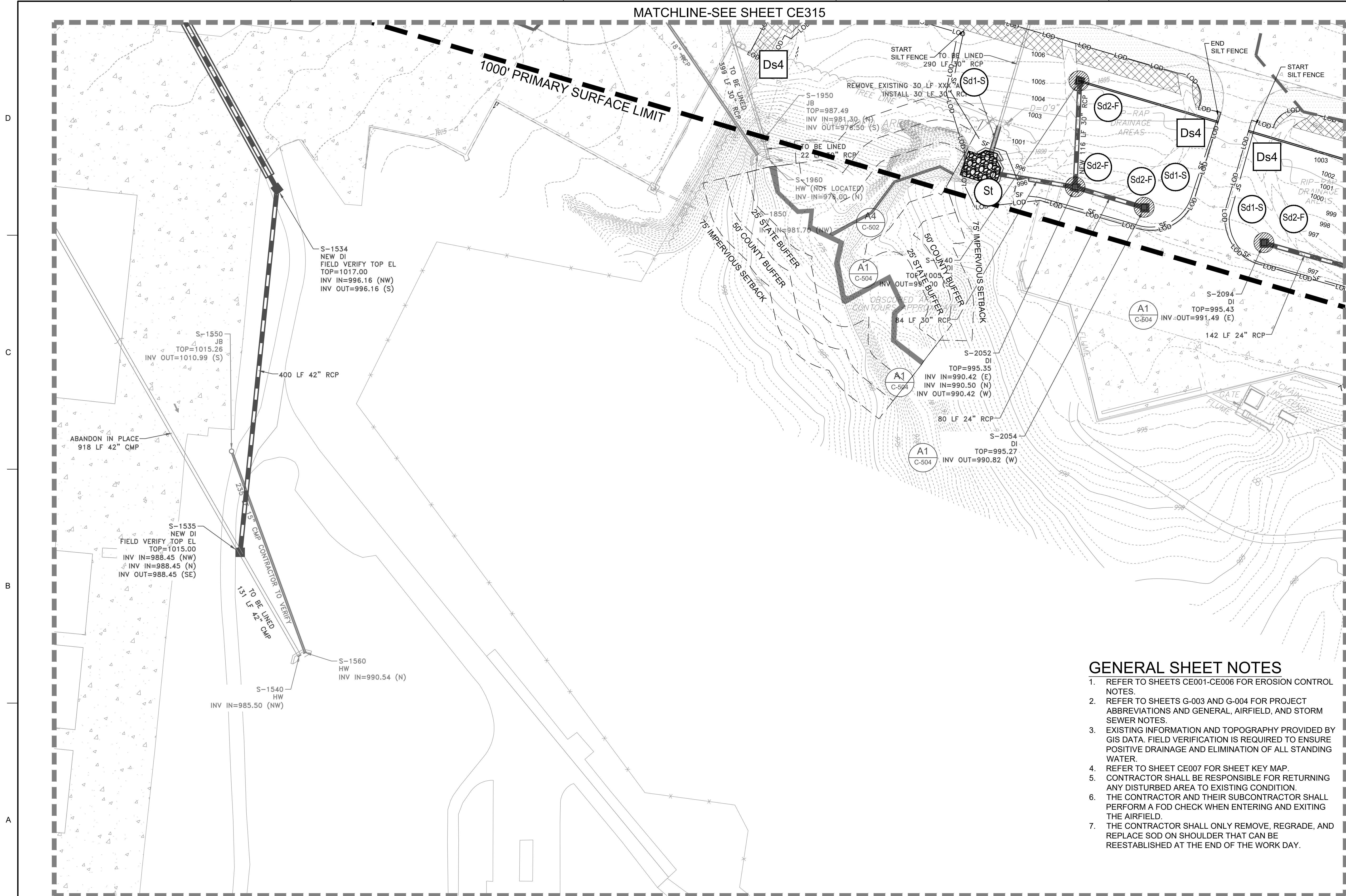
SCALE: 1" = 50'



24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

FILE PATH: M:\USAGE\LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II DRAINAGE\IM.CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE315



MATCHLINE-SEE SHEET CE321

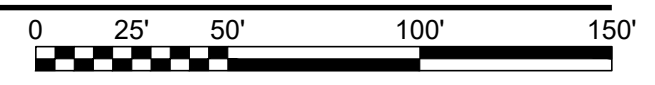
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| DRAWN BY: C. MAIOCCO | SOLICITATION NO.: |
| CHECKED BY: J. SWIFT | CONTRACT NO.: |
| SUBMITTED BY: ESA | FILE NUMBER: |
| FILE NAME: ANSI.DWG | FILE SIZE: CE301.dwg |

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

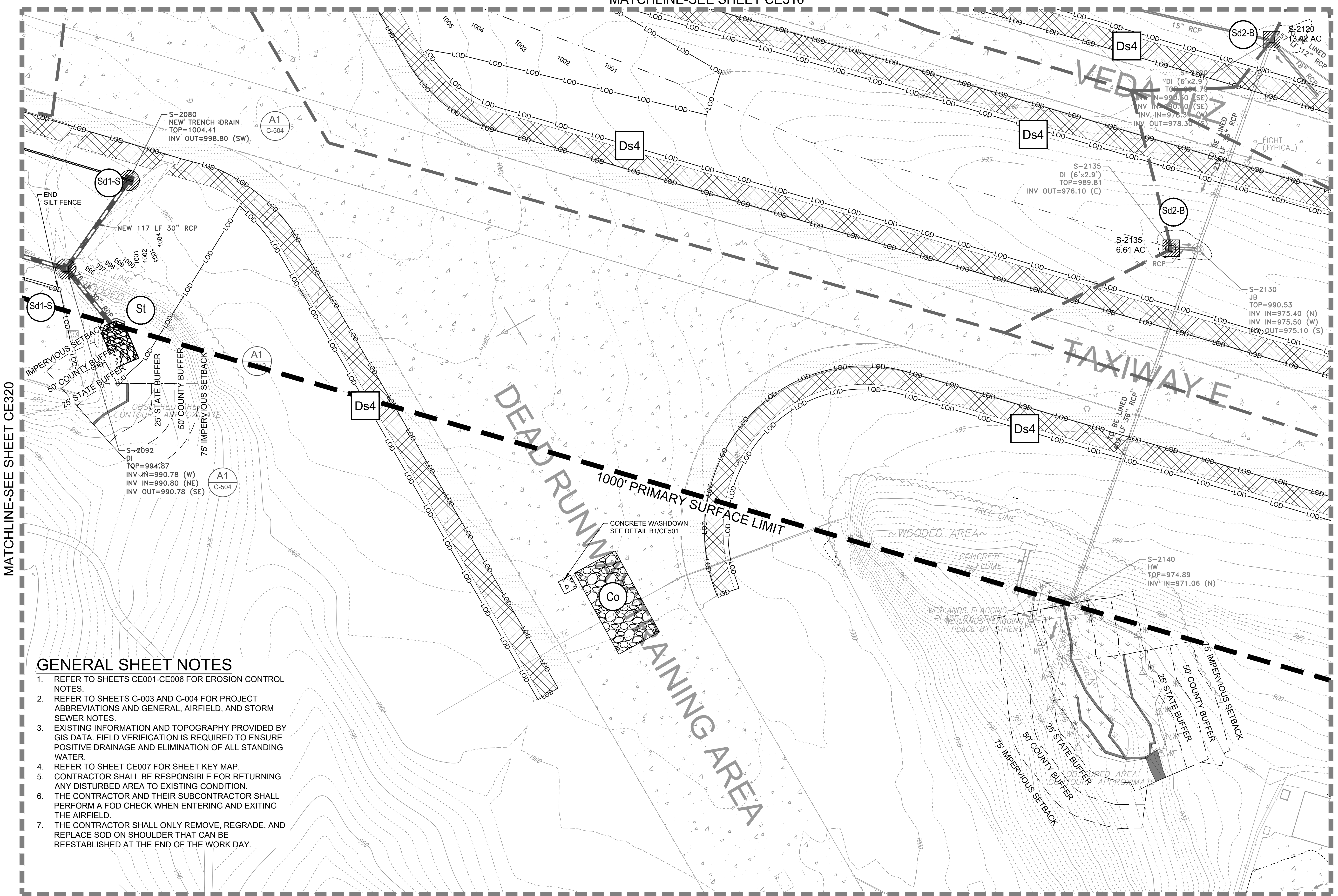
TETRA TECH, INC.
2800 PARKWAY LAKE
BLAIRSTOWN, GEORGIA 30002
PH: (770) 244-4900
FAX: (770) 244-1756
www.tetra-tech.com

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE320

MATCHLINE-SEE SHEET CE316



GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: C. MAIOCCO
SUBMITTED BY: J. S. MAIOCCO

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE301.dwg
FILE SIZE: 400KB

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

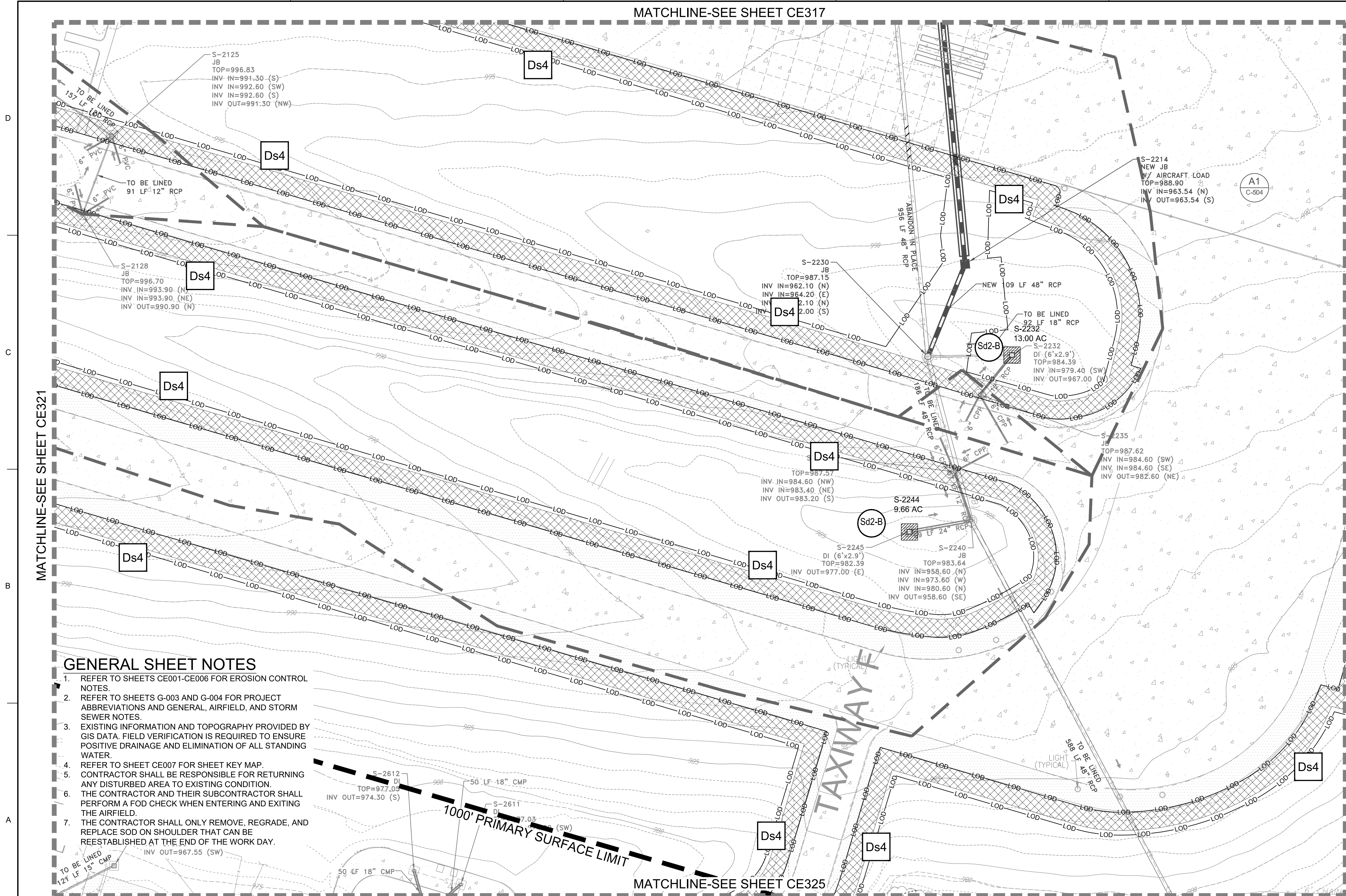
TETRA TECH, INC.
4001 W. HWY 42, SUITE 400
LOUISVILLE, KY 40203
PH: (502) 261-9800
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2# 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE321

MATCHLINE-SEE SHEET CE317



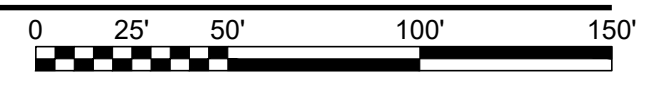
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-2214-R
GSWCC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOLLO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NAME: CE301.dwg | CONTRACT NO.: |
| FILE NUMBER: | |
| SIZE: | |

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

TETRA TECH, INC.
Louisville, Kentucky 40202
www.tetra-tech.com

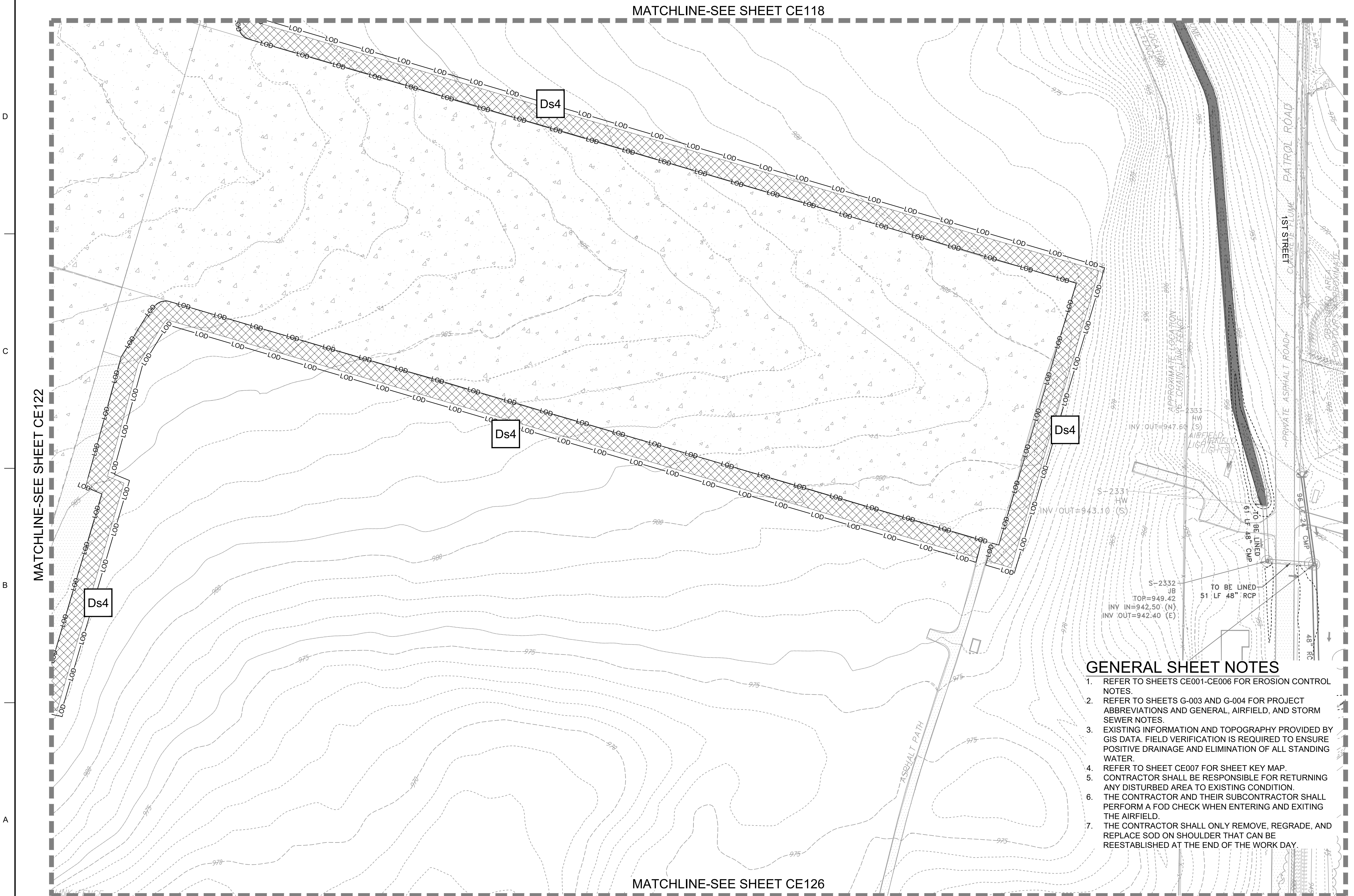
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P2#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE322

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE I\DRAINAGE\CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/10/2019 BY: MAIOLLO, CHRISTIAN

MATCHLINE-SEE SHEET CE118



MATCHLINE-SEE SHEET CE122

MATCHLINE-SEE SHEET CE126

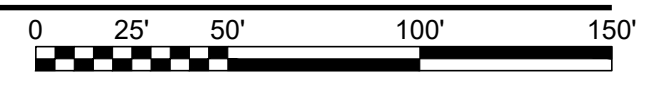
24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GSWOC LEVEL II CERTIFIED DESIGN
PROFESSIONAL NO. 0000064848 EXP. 03/06/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: J. SWIFT
SUBMITTED BY: ESA

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

FILE NAME: CE301.dwg
SIZE: ANSID

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

POND
TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
3800 PARKWAY LAKE
PLACEMINTE CORPORS, GA 30002
PHONE: 502.254.4000
FAX: 502.254.4008
WWW.TETRA-TECH.COM

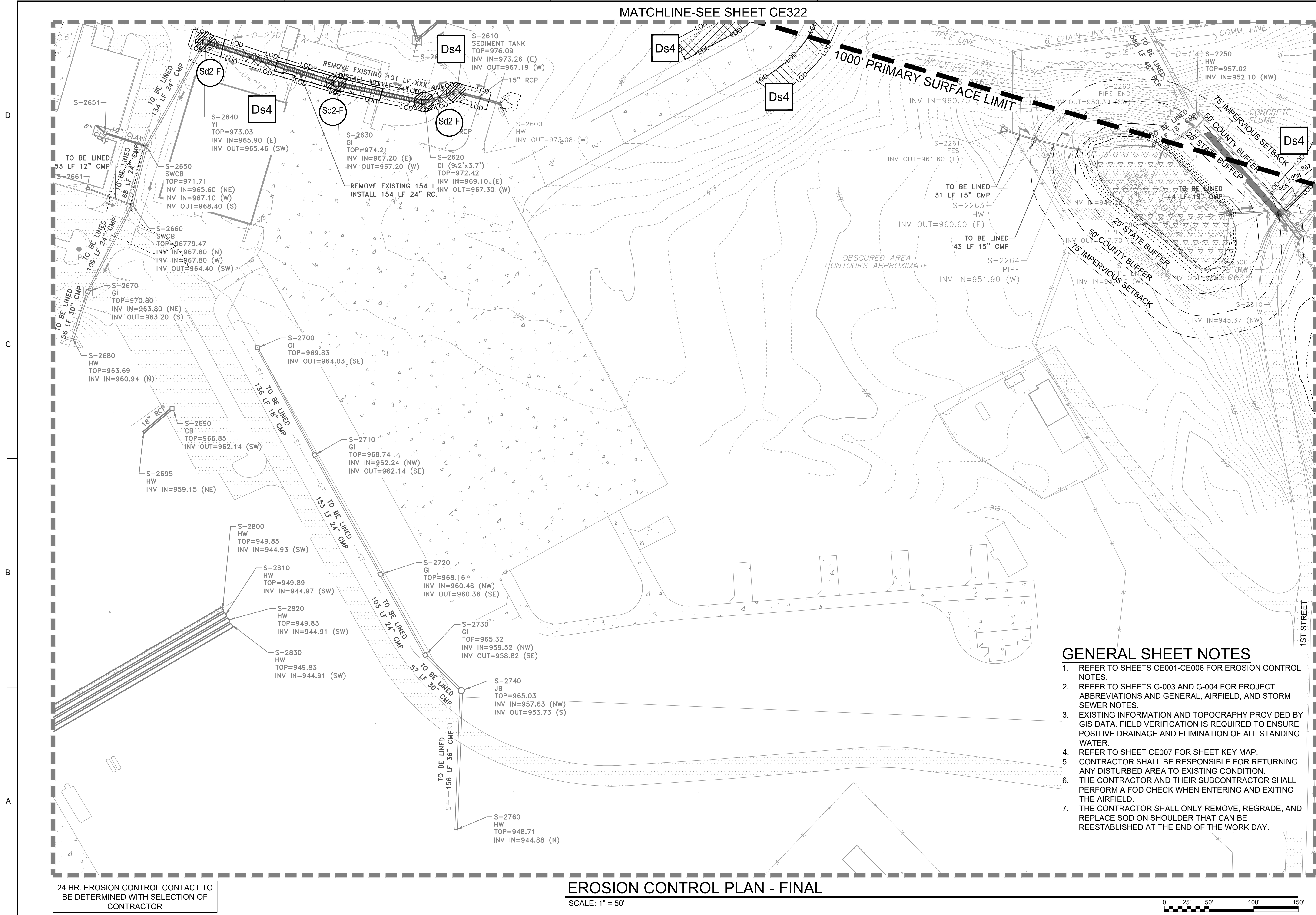
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE323

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE 1\DRAINAGE\IM.CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE322



MATCHLINE-SEE SHEET CE326

GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
JAMES A. SWIFT
S-2219-A
GSWOC LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/30/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |

| | |
|----------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NUMBER: | CONTRACT NO.: |
| FILE NAME: CE301.dwg | |

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

TETRA TECH, INC.
LOUISVILLE, KENTUCKY 40202
P.O. BOX 244-2008
FRENCH LANE, N. 11358

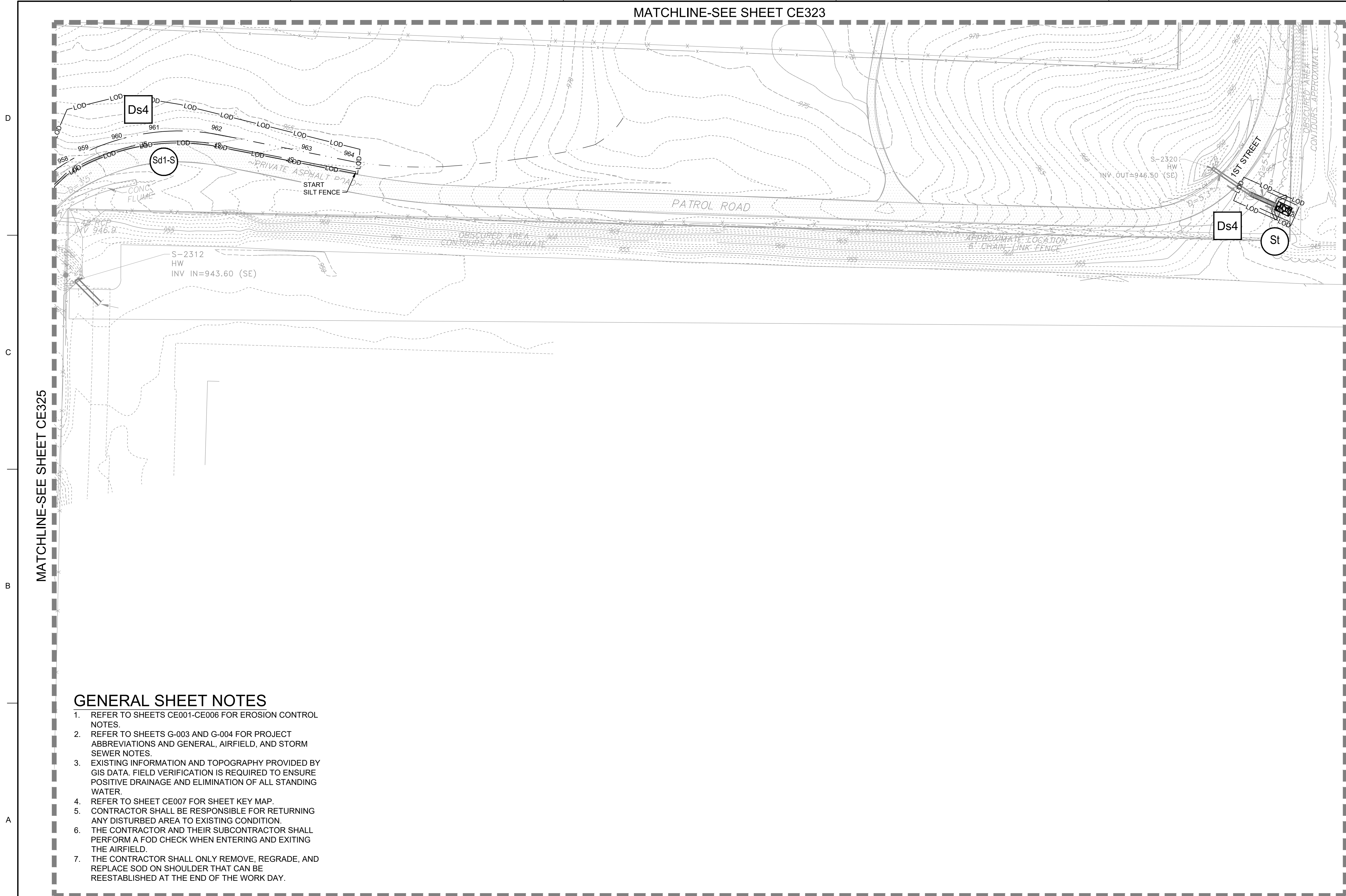
DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584

EROSION CONTROL PLAN - FINAL

SHEET ID
CE325

FILE PATH: M:\USAGE, LOUISVILLE DISTRICT\1180636 TT-POND DOBBINS PHASE II\DRAINAGE\CAD_BIM\04.02.CAD\CE301 PLOTTED: 05/20/2019 BY: MAIOCCO, CHRISTIAN

MATCHLINE-SEE SHEET CE323



MATCHLINE-SEE SHEET CE325

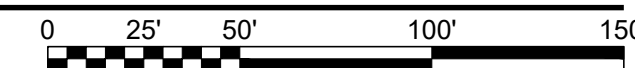
GENERAL SHEET NOTES

1. REFER TO SHEETS CE001-CE006 FOR EROSION CONTROL NOTES.
2. REFER TO SHEETS G-003 AND G-004 FOR PROJECT ABBREVIATIONS AND GENERAL, AIRFIELD, AND STORM SEWER NOTES.
3. EXISTING INFORMATION AND TOPOGRAPHY PROVIDED BY GIS DATA. FIELD VERIFICATION IS REQUIRED TO ENSURE POSITIVE DRAINAGE AND ELIMINATION OF ALL STANDING WATER.
4. REFER TO SHEET CE007 FOR SHEET KEY MAP.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ANY DISTURBED AREA TO EXISTING CONDITION.
6. THE CONTRACTOR AND THEIR SUBCONTRACTOR 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.

24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

EROSION CONTROL PLAN - FINAL

SCALE: 1" = 50'



US Army Corps of Engineers®
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

GEORGIA REGISTERED PROFESSIONAL ENGINEER
NO. 034223
JAMES A. SWIFT

SWIFT & ASSOCIATES, INC.
6500 LEVEL II CERTIFIED DESIGN PROFESSIONAL NO. 000004848 EXP. 03/09/2021

| MARK | DESCRIPTION | DATE |
|------|-------------|------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

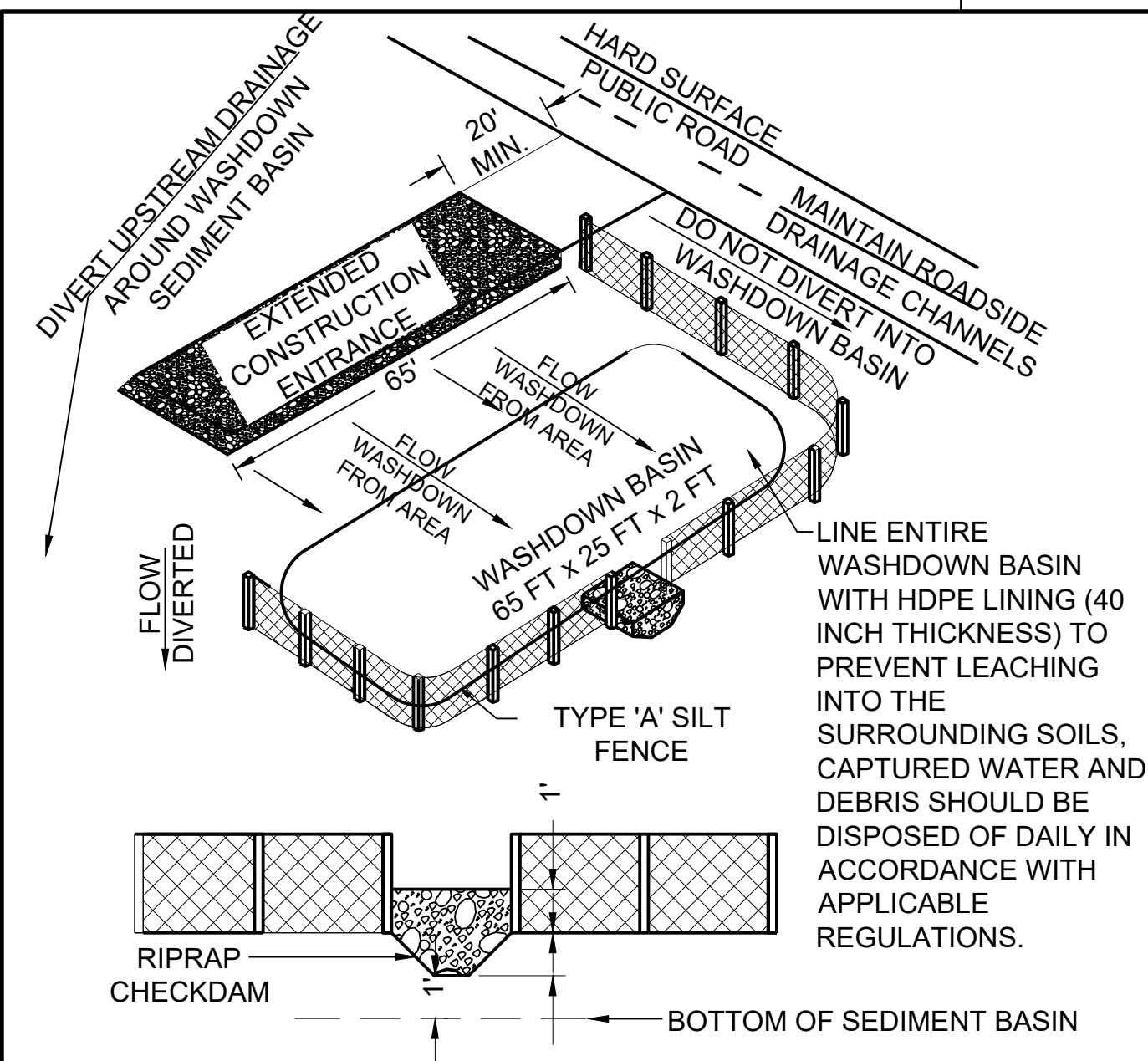
| | |
|-------------------------------|---------------------------|
| DESIGNED BY: C. MAIOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| FILE NUMBER: - | CONTRACT NO.: |
| FILE NAME: ANSID_CE301.dwg | FILE NUMBER: - |

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

POND
TETRA TECH, INC.
2800 PARKWAY LAKE
LOUISVILLE, KENTUCKY 40202
PH: (502) 584-4000
FAX: (502) 584-4006
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#: 470584
EROSION CONTROL PLAN - FINAL

SHEET ID
CE326



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.

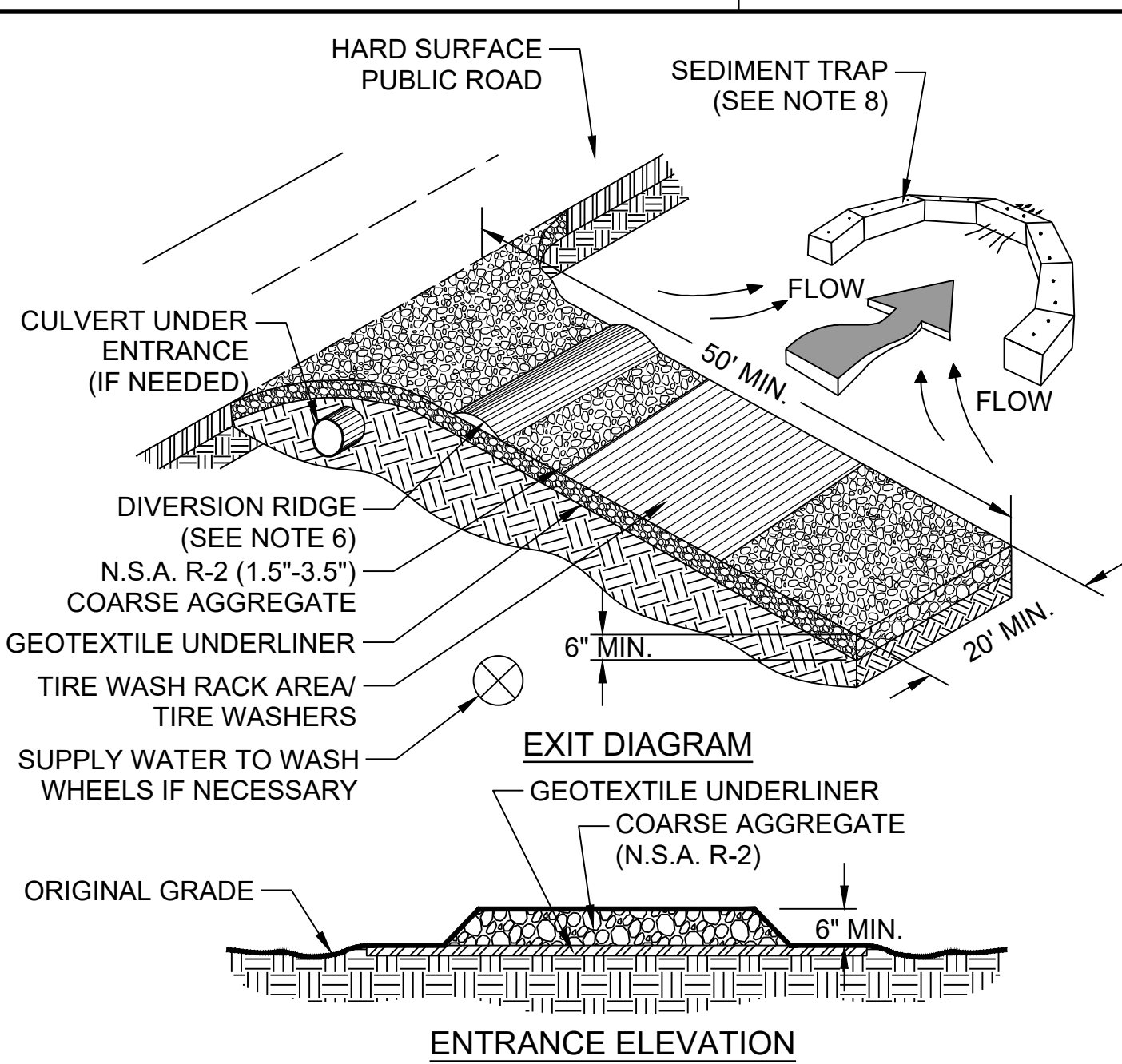
INSTALLATION/APPLICATION CRITERIA:
- INSTALL CONSTRUCTION ENTRANCE (SEE CONSTRUCTION ENTRANCE DETAIL) AND EXTEND LENGTH AS SHOWN. - INSTALL TYPE A SILT FENCE DOWN GRADE OF CONSTRUCTION ENTRANCE (SEE SILT FENCE DETAIL)
- EXCAVATE WASHDOWN BASIN BETWEEN SILT FENCE AND CONSTRUCTION ENTRANCE. ENSURE ALL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

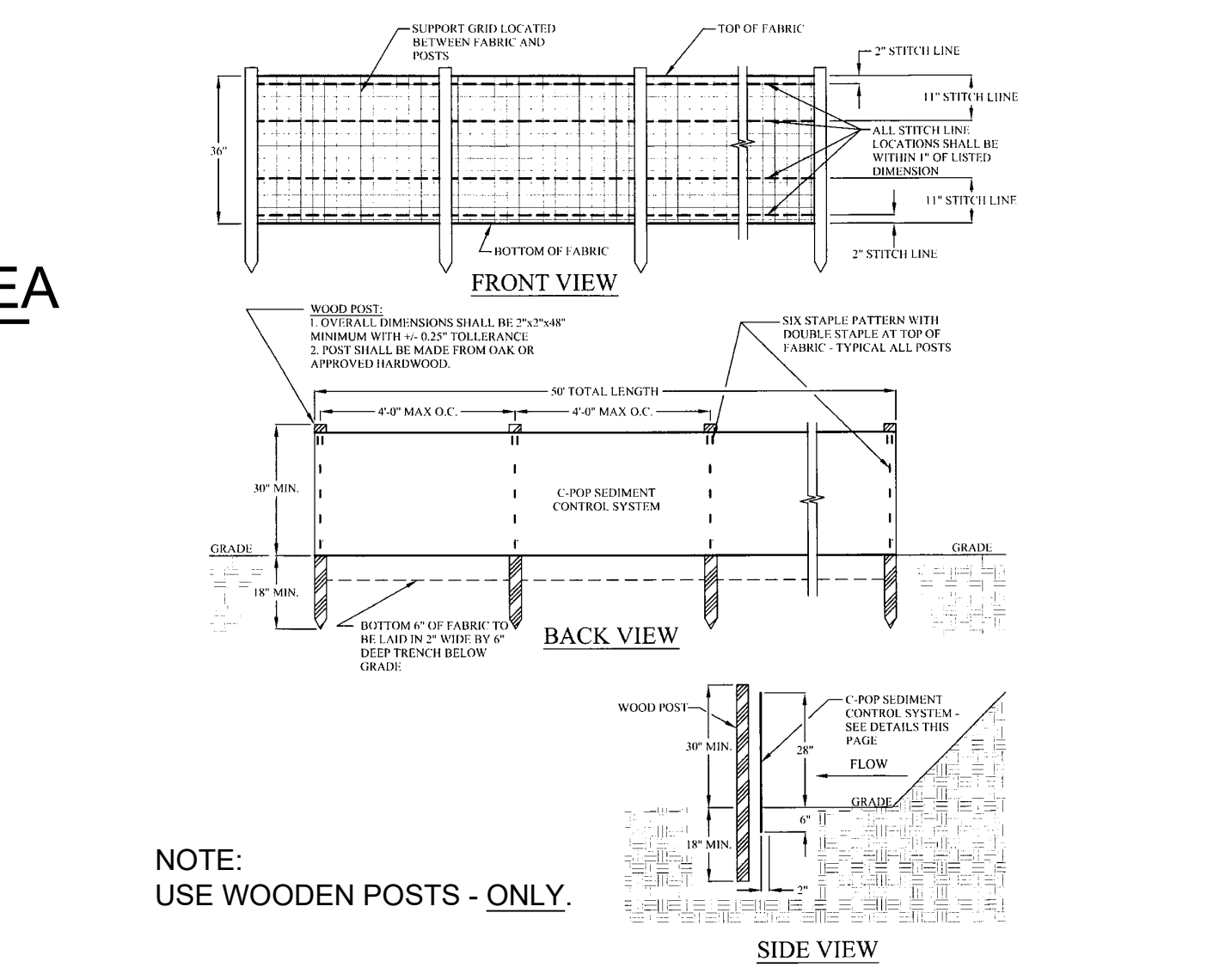
B1 CONCRETE TRUCK WASHDOWN AREA
NO SCALE

NOTES
1. 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.

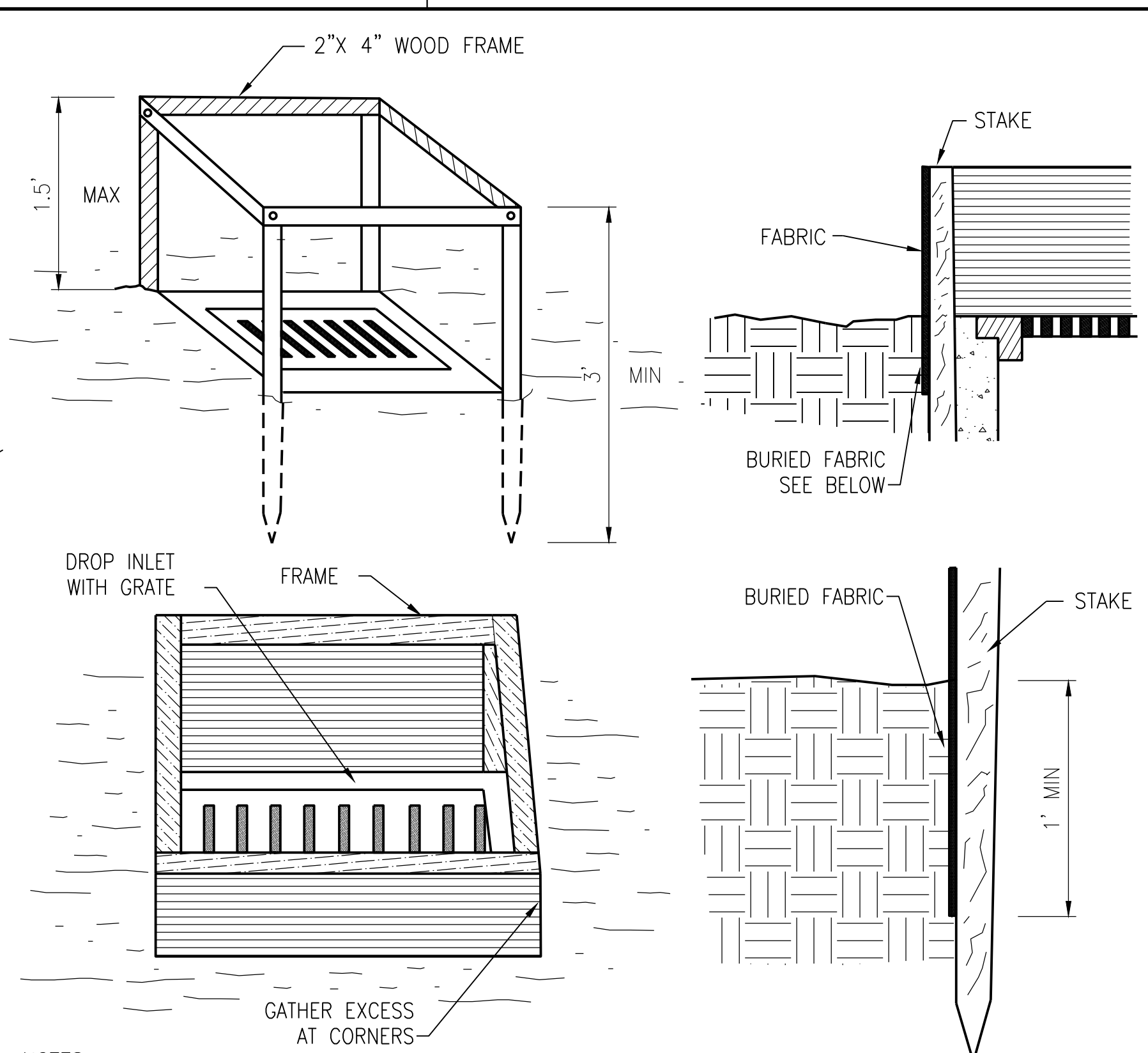


NOTES
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD 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
NO SCALE



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

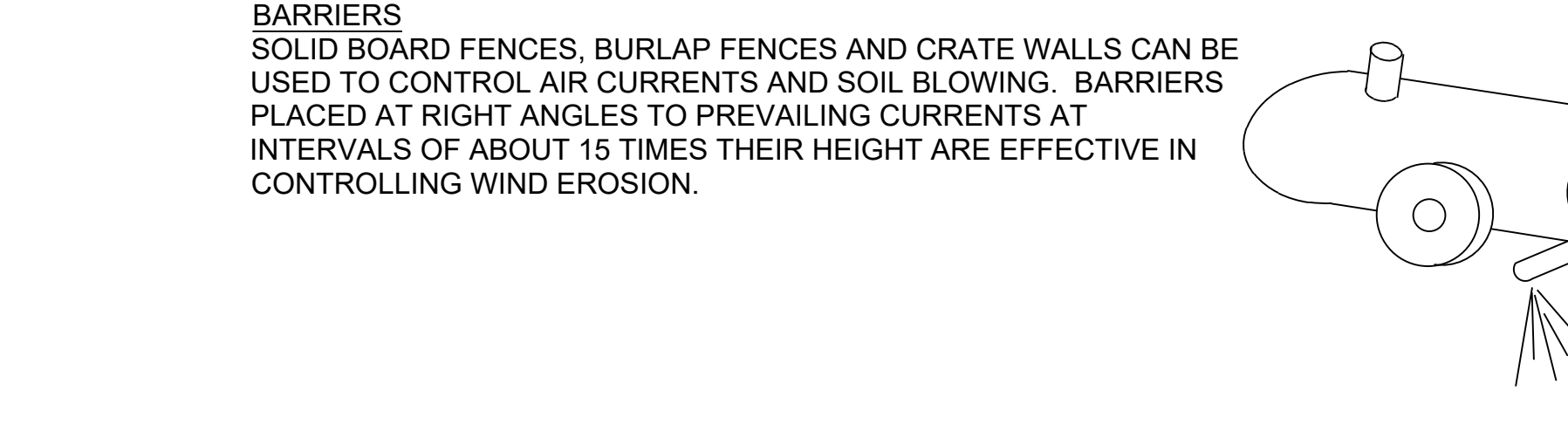


NOTES:
1. FOR STAKES, USE 2X4 INCH WOOD (PREFERRED) OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3'.
2. SPACE STAKES EVENLY AROUND THE PERIMETER OR THE INLET AT A MAXIMUM OF 3' APART, AND SECURELY DRIVE THEM INTO THE GROUND, APPROXIMATELY 18" DEEP.
3. TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, 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
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 EROSION SOIL MATERIAL. SEE TOPSOILING.
STONE
COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.



A3 DUST CONTROL
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, CE314 | 11.90 | 797.30 | 2 | 105.0 | 103.0 |
| S-225 | CE114, CE214, CE314 | 2.19 | 146.73 | 2 | 45.0 | 45.0 |
| S-1525 | CE114, CE214, CE314 | 8.00 | 536.00 | 2 | 85.0 | 86.0 |
| S-1910 | CE114, CE214, CE314 | 8.79 | 588.93 | 2 | 90.0 | 89.0 |
| S-1520 | CE114, CE214, CE314 | 3.79 | 253.93 | 2 | 59.0 | 59.0 |
| S-1530 | CE114, CE214, CE314 | 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 |

US Army Corps of Engineers
Louisville District

JAMES A. SWIFT, P.E.
P.E. No. 034223, GA

REGISTERED PROFESSIONAL ENGINEER
NO. 035223
JAMES A. SWIFT

DESIGNED BY: C. MAIOCCO
DRAWN BY: C. MAIOCCO
CHECKED BY: C. MAIOCCO
SUBMITTED BY: J. SWIFT
FILE NAME: CE-6001.dwg

ISSUE DATE: 05/20/2019
SOLICITATION NO.:
CONTRACT NO.:
FILE NUMBER:

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

TETRA TECH, INC.
4001 W. HWY. 42
SUITE 100
LOUISVILLE, KY 40203
PH: 502.251.4600
WWW.TETRA-TECH.COM

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA
PROJECT NO.: FGWB 04-0014P2A/B
P#F: 470584
GAR 100001

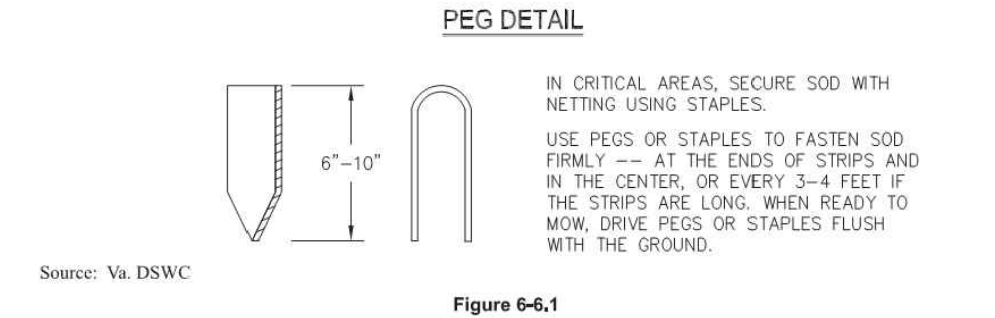
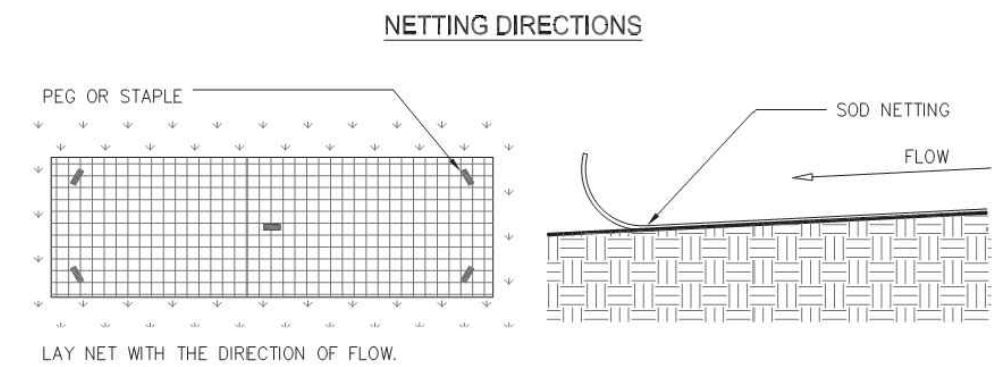
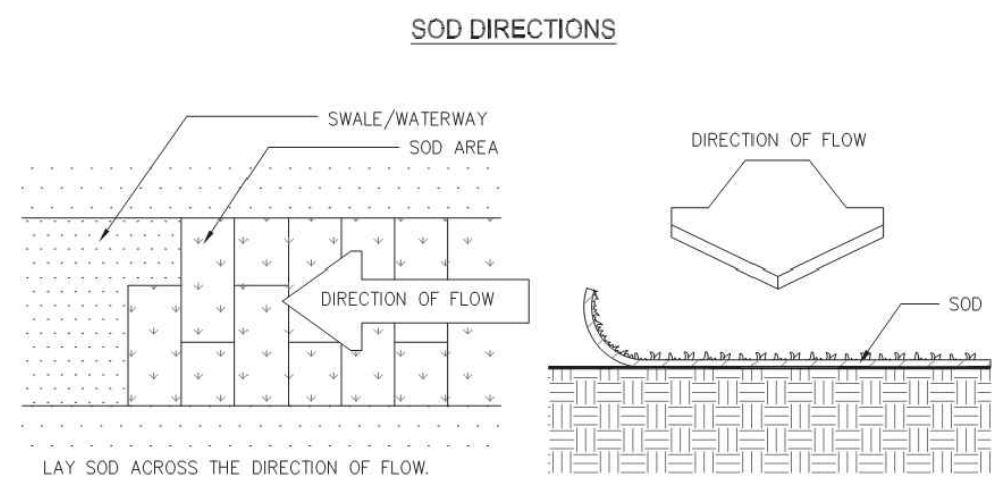
EROSION CONTROL DETAILS

SHEET ID
CE501

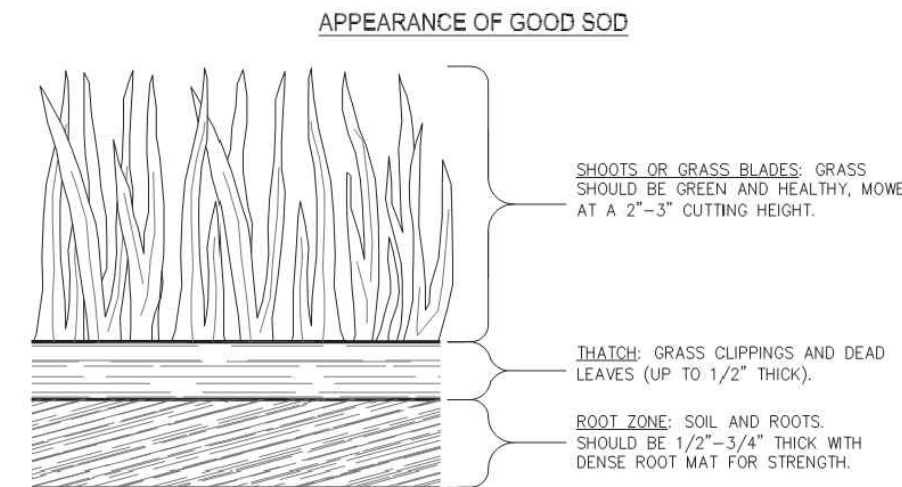
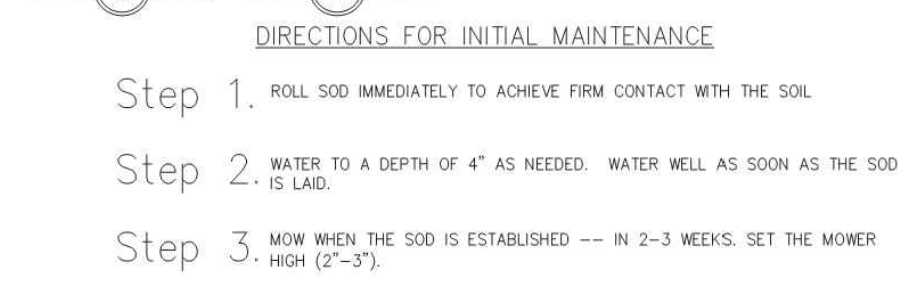
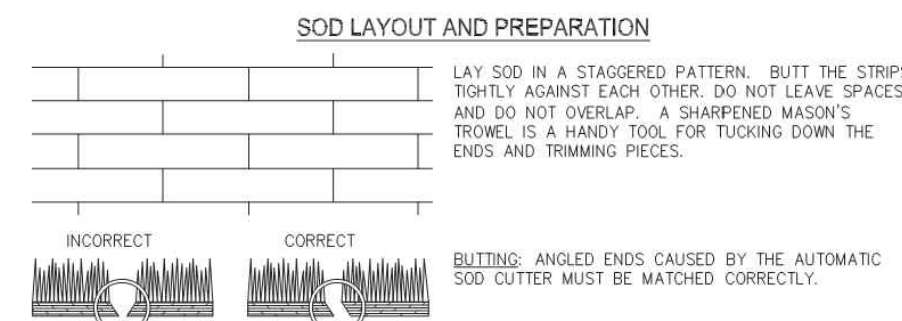
FILE PATH: M:\USACE_LOUISVILLE\DISTRICT1186636\T-POND\DOBBINS PHASE II DRAINAGE\04 CAD_BIM\04.DWG\CE501.PLOTTED: 05/10/2019 BY: MAIOCCO, CHRISTIAN

| Grass | Varieties | Resource Area | Growing Season |
|---------------|---------------------------------|---------------------|----------------|
| Bermudagrass | Common Tifway Tifgreen Tifdwarf | M,L,P 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 |

SODDED WATERWAYS



SOD MAINTENANCE AND INSTALLATION



| Types of Species | Planting Year | Fertilizer (lbs/ac) | Rate (lbs/acre) | Nitrogen Top Dressing Rate (lbs/acre) |
|---------------------|---------------|---------------------|-----------------|---------------------------------------|
| cool season grasses | first | 6-12-12 | 1500 | 50-100 |
| | second | 6-12-12 | 1000 | 30 |
| warm season grasses | first | 6-12-12 | 1500 | 50-100 |
| | second | 6-12-12 | 800 | 50-100 |

CONSTRUCTION SPECIFICATIONS

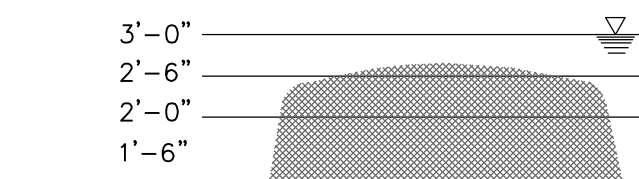
- BRING SOIL SURFACE TO FINAL GRADE. CLEAR SURFACE OF TRASH, WOODY DEBRIS, STONES AND CLODS LARGER THAN 1". APPLY SOD TO SOIL SURFACES ONLY AND NOT FROZEN SURFACES, OR GRAVEL TYPE SOILS.
- TOPSOIL PROPERLY APPLIED WILL HELP GUARANTEE A STAND. DON'T USE TOPSOIL RECENTLY TREATED WITH HERBICIDES OR SOIL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

| 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



| OPENING HEAD (ft) | FILTER AREA (sf) | FILTER AREA (sf) | FRAME FLOW (cfs) | FILTERED FLOW (cfs) | FILTERED 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 | 30.0 | 9.0 | 77.0 | 77.0 |

- NOTES:
- DUE TO NARROW SLOT, A TRANSITION WILL OCCUR BETWEEN WEIR AND ORIFICE CONDITIONS.
 - 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.
 - 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

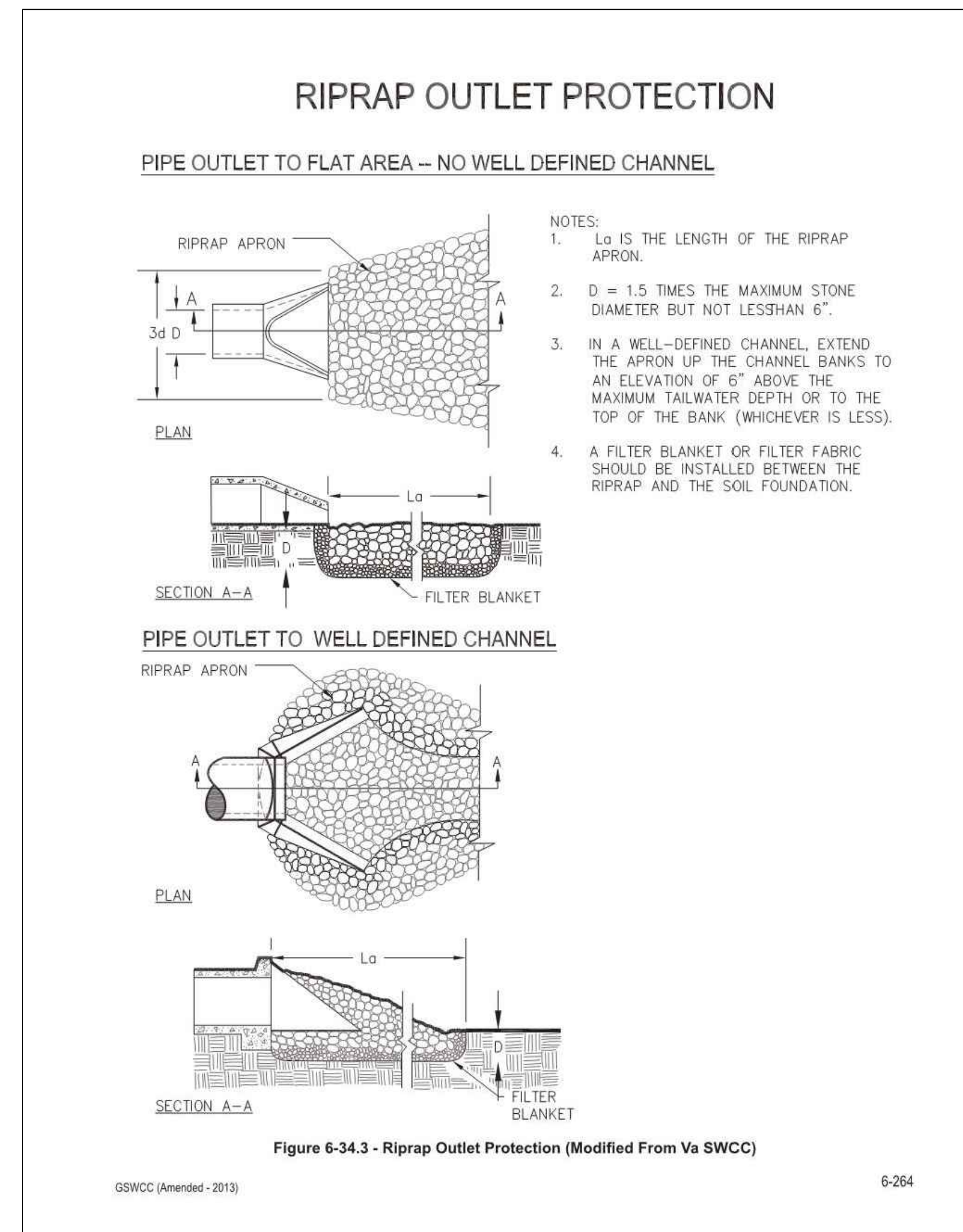
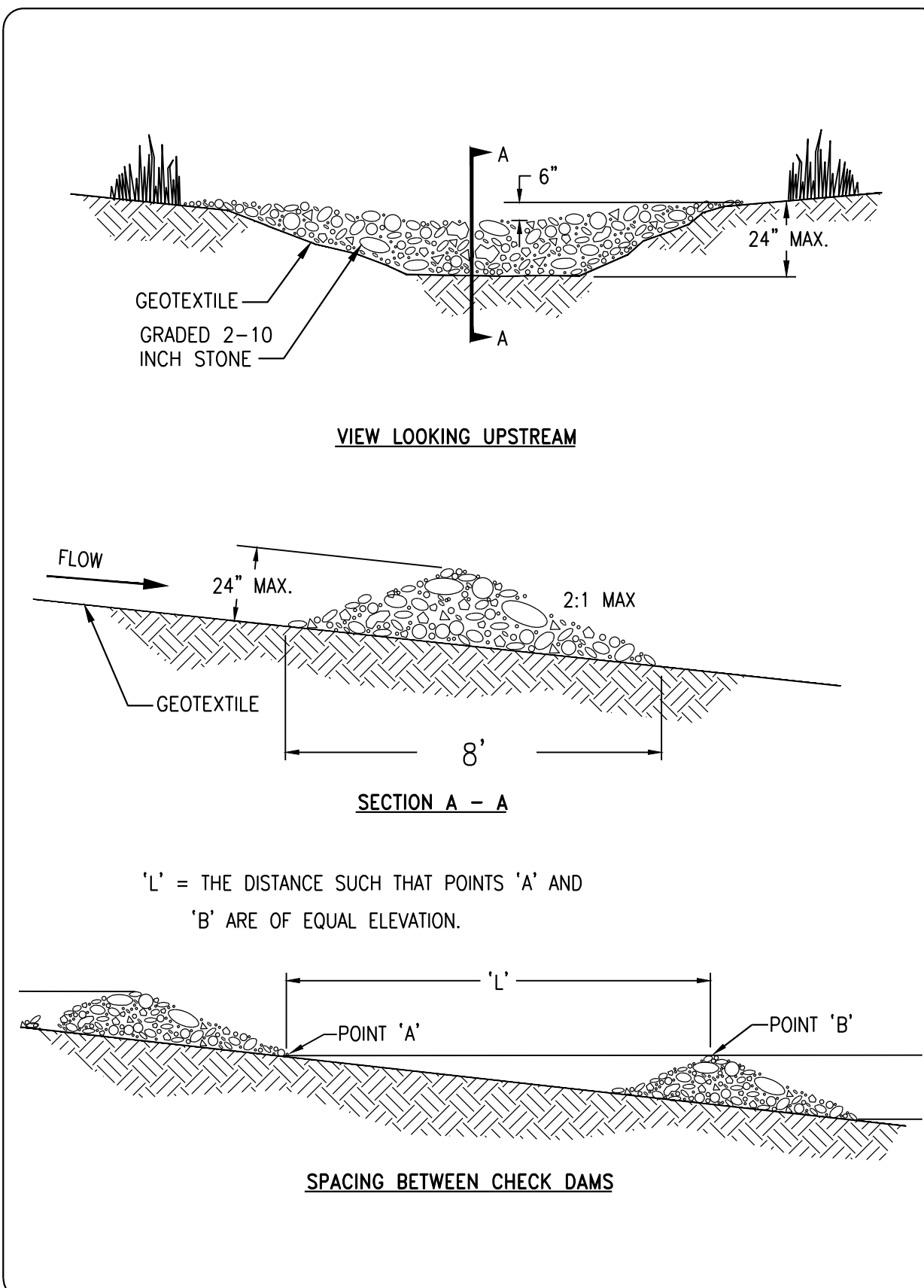
24 HR. EROSION CONTROL CONTACT TO BE DETERMINED WITH SELECTION OF CONTRACTOR

(A1) INLET PROTECTION - SILT SAVER
NO SCALE

Sd2-F

(A3) CHECK DAM
NO SCALE

Cd-S



| OUTLET PROTECTION ID | PIPE DIA. (IN) | 25-YR Q (CFS) | LA (FT) | W (FT) | D50 (IN) | TAILWATER |
|----------------------|----------------|---------------|---------|--------|----------|-----------|
| S-150 | 36 | 128.70 | 38 | 41 | 18 | MIN |
| S-175 | 24 | 8.60 | 10 | 6 | 6 | MAX |
| 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 |
| S-270 | 30 | 46.90 | 26 | 13 | 9 | MAX |
| S-334 | 30 | 6.60 | 10 | 6 | 9 | MAX |
| S-340 | 24 | 6.30 | 10 | 6 | 9 | MAX |

(A4) OUTLET PROTECTION
NO SCALE

St



JAMES A. SWIFT, P.E.
P.E. No. 034223, GA



GSWCC LEVEL 4 CERTIFIED DESIGN PROFESSIONAL NO. 000004846 EXP. 03/09/2021

| DATE | DESCRIPTION | MARK |
|------|-------------|------|
| | | |

| | |
|--------------------------|------------------------|
| DESIGNED BY: C. MARCOCCO | ISSUE DATE: 05/20/2019 |
| CHECKED BY: J. SWIFT | SOLICITATION NO.: |
| SUBMITTED BY: E.S.A. | CONTRACT NO.: |
| FILE NAME: CE-6001.dwg | FILE NUMBER: |
| ANSI D | |

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

TETRA TECH, INC.
3800 PARWAY LANE
LOUISVILLE, KENTUCKY 40002
TEL: 502-254-4800
WWW.TETRA-TECH.COM

PROJECT NO.: FGWB.04-0014P2A/B
P2#: 470384
GAR 100001

EROSION CONTROL DETAILS

DOBBINS AIRFIELD STORM WATER SYSTEM PHASE 2
DOBBINS AIR RESERVE BASE, GEORGIA

SHEET ID

CE502