ARF-025668

Caleb Jones

From: Caleb Jones
Sent: Tuesday, August 18, 2026 2:29 PM
To: Keehna B. Frasier
Cc: Fatina Clark; Shelia Mcfalls
Subject: RE: NOTIFICATION OF PARTIAL CLOSURE OF THE F-AREA INACTIVE PROCESS SEWER LINE MANHOLE P-26 DUE TO ROAD MAINTENANCE AND EXPANSION
Attachments: OM 25-028 F-Area Road Widening.pdf; OM 25-028 F-Area Road Widening-Plans.pdf

SRNS-J2000-2026-00586

No problem Keehna! Please see the responses below:

1. The manhole was collapsed from the top to a minimum depth of 2.5 feet below grade. All inlet and outlet pipes connected to the manhole were plugged via low slump concrete grout plugs. Controlled Low-Strength Material (i.e., CLSM flowable grout) comprised of a minimum 28-day compressive strength of 500 pounds per square inch, was used to fill the cavity to predetermined level. The remainder of the cavity was filled in following sequence: (1.) approximately 17-inches of structural fill, (2.) a layer of geogrid, then (3.) 13-inches of graded road base and asphalt.
2. The 18-inch diameter vitrified clay sewer inlet and outlet pipes are approximately 13-feet below grade, a depth sufficient to mitigate propagation of a surface depression should the pipe collapse. Therefore, grouting of the sewer pipes at manhole P-26 is not required.
3. O&M Plan along with the expanded maps are attached.

Please let me know if you have any additional questions.

Caleb Jones|EC&ACP
SRNS, LLC | 730-4B, Rm 3053
803.952.2906 office |839.746.3840 cell

From: Keehna B. Frasier <Keehna.Frasier@des.sc.gov>
Sent: Monday, August 17, 2026 9:07 AM
To: Caleb Jones <caleb.jones@srs.gov>
Cc: Fatina Clark <Fatina.Clark@des.sc.gov>; Shelia Mcfalls <Shelia.Mcfalls@srs.gov>
Subject: [EXTERNAL] Re: NOTIFICATION OF PARTIAL CLOSURE OF THE F-AREA INACTIVE PROCESS SEWER LINE MANHOLE P-26 DUE TO ROAD MAINTENANCE AND EXPANSION

Apologies!
I scheduled the previous email Friday but the actual message obviously did not come through!

Thanks for the notice and information regarding the closure of FIPSL Manhole 26.
We have just a couple questions.

The FIPSL Closure Plan states that the manholes are to be grouted. The email says that the manhole will be filled "...with material meeting engineering requirements for the new roadway".

1. Do you know if grout is going to be used?
2. Will any of the piping need to be filled as well?
3. Do you have a copy of the O & M plan that was completed?

Thanks!

Keehna Frasier
Project Manager
Division of Waste Management
Bureau of Land & Waste Management
O: 803.898.0252
Keehna.Frasier@des.sc.gov
DES.SC.gov



From: Keehna B. Frasier <Keehna.Frasier@des.sc.gov>
Sent: Friday, August 14, 2026 3:52 PM
To: caleb.jones@srs.gov <caleb.jones@srs.gov>
Cc: Fatina Clark <Fatina.Clark@des.sc.gov>; Shelia.Mcfalls@srs.gov <Shelia.Mcfalls@srs.gov>
Subject: Re: NOTIFICATION OF PARTIAL CLOSURE OF THE F-AREA INACTIVE PROCESS SEWER LINE MANHOLE P-26 DUE TO ROAD MAINTENANCE AND EXPANSION

Keehna Frasier
Project Manager
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Keehna.Frasier@des.sc.gov
DES.SC.gov



From: Keehna B. Frasier <Keehna.Frasier@des.sc.gov>
Sent: Thursday, August 6, 2026 4:02 PM
To: caleb.jones@srs.gov <caleb.jones@srs.gov>

ARF-025668

Cc: Fatina Clark <Fatina.Clark@des.sc.gov>; Shelia.Mcfalls@srs.gov <Shelia.Mcfalls@srs.gov>
Subject: Re: NOTIFICATION OF PARTIAL CLOSURE OF THE F-AREA INACTIVE PROCESS SEWER LINE MANHOLE P-26 DUE TO ROAD MAINTENANCE AND EXPANSION

Caleb
Thanks for the notification.
We'll let you know if we have any questions.

Keehna Frasier
Project Manager
Division of Waste Management
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Keehna.Frasier@des.sc.gov
DES.SC.gov

SC DEPARTMENT of ENVIRONMENTAL SERVICES

From: caleb.jones@srs.gov <caleb.jones@srs.gov>
Sent: Thursday, August 6, 2026 12:17 PM
To: Keehna B. Frasier <Keehna.Frasier@des.sc.gov>
Cc: Fatina Clark <Fatina.Clark@des.sc.gov>; Shelia.Mcfalls@srs.gov <Shelia.Mcfalls@srs.gov>
Subject: NOTIFICATION OF PARTIAL CLOSURE OF THE F-AREA INACTIVE PROCESS SEWER LINE MANHOLE P-26 DUE TO ROAD MAINTENANCE AND EXPANSION

Keehna,

In August 2026, Savannah River Site (SRS) will begin the partial closure of the F-Area Inactive Process Sewer Line (FIPSL) Manhole (MH) P-26, with construction expected to commence within the next two weeks. MH P-26 is part of the FIPSL network which is comprised of vitrified clay process sewer lines and manholes located within the F-Area Hazardous Waste Management Facility (FHWMF). This line and the manhole were operated from 1955 to 1982, transporting low-level radioactive and hazardous wastewater to the F-Area Seepage Basins. The location of P-26 is adjacent to the existing F-Area perimeter road, which is being widened directly above the manhole to support the Savannah River Pit Production Facility (SRPPF) project. The manhole is shown on the attached Figure 3-3. This section of the FIPSL is managed under the SRS RCRA permit and governed by the approved closure plan (SRNS-IM-2012-00002, December 2020, Appendix 6, which is attached for your reference). All planned maintenance activities for closure of MH P-26 will meet the objectives specified in this closure plan. After the maintenance work is completed, the manhole will be in a stabilized condition for long term stewardship, consistent with the closure plan, until the final closure of the FIPSL occurs as part of the overall F-Area Operable Unit. Documentation of the partial closure of MH P-26 will be included in the annual 2027 Corrective Action Report. The maintenance steps for this manhole are as follows:

- Collapse the top of the manhole to a minimum depth of 2.5 feet below grade

- Plug all manhole inlet and outlet pipes connected to the manhole

- Fill the manhole in place to prevent human intrusion, with material meeting engineering requirements for the new roadway

- Place new asphalt over MH P-26 as required by the overlying roadway design

Since the maintenance activity will involve placing asphalt over the closed manhole, quarterly inspections will not be conducted for MH P-26 until the entire FIPSL is closed at a future date. Land use controls to prevent human exposure will be maintained through the SRS Site Use/Site Clearance program.

All activities associated with MH P-26 closure are within RCRA/CERCLA Site Index No. 579 “F-Area Operable Unit” of the Federal Facility Agreement, Appendix C.2 (WSRC-OS-94-42). The potential area of disturbance is less than 10% of the waste unit area, characterizing it as “minor intrusive” activity. An O&M plan has been completed per WSRC-RP-96-45, Savannah River Site Plan for Performing Maintenance in Federal Facility Agreement Area (O&M) Plan (U), December 15, 1996.

If you need any additional information, please contact me.

Thanks

_____

Caleb Jones|EC&ACP

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803.952.2906 office |839.746.3840 cell

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SRS DRAWING NO.
1 of 1

SHEET NOTES

SHEET KEYNOTES

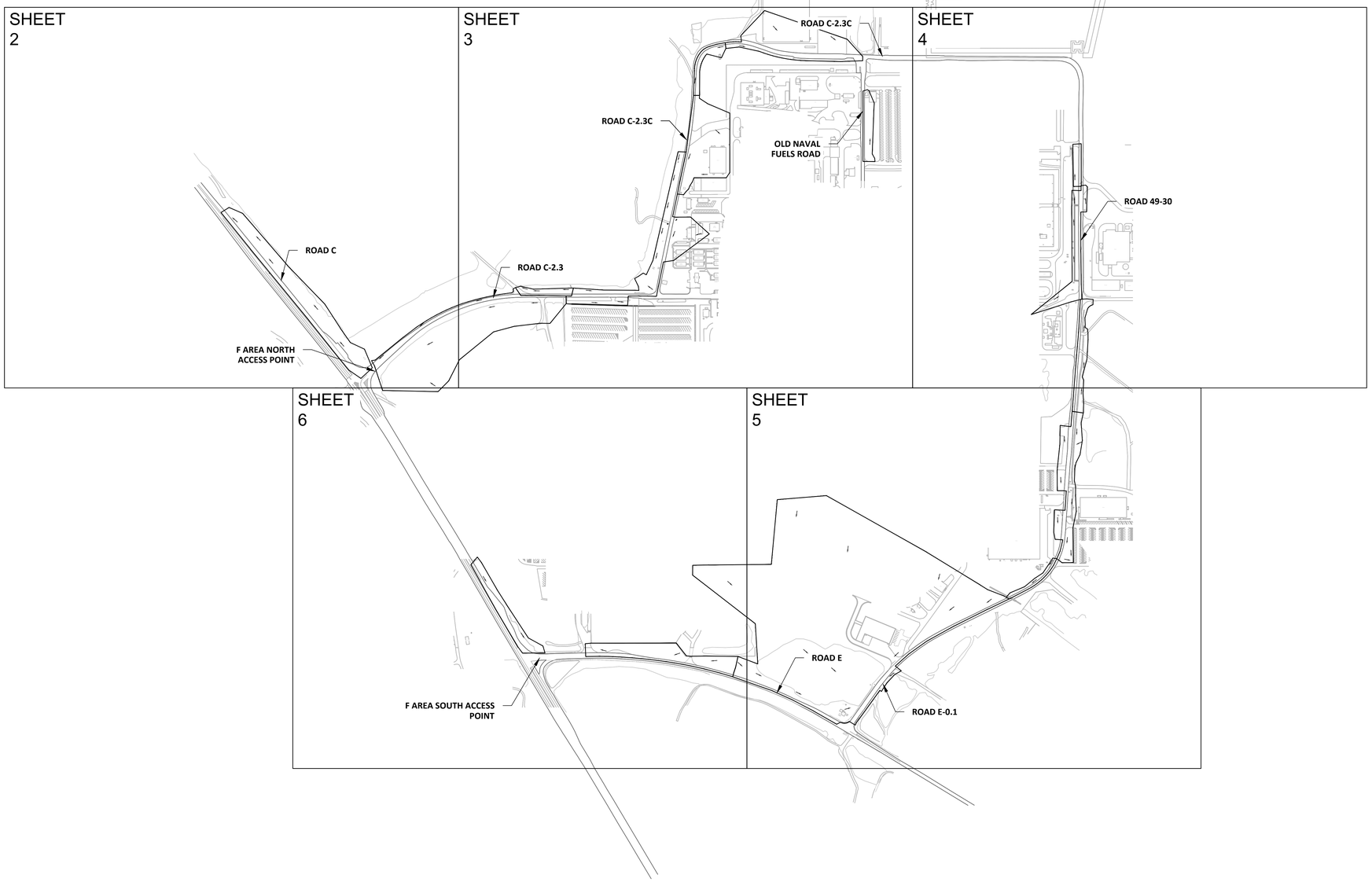
LEGEND

GRAPHIC SCALE(S)

PLAN NORTH

0 150 300 600 1200

1" = 300'



1 PRE DRAINAGE MAP - 1

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UNITED STATES DEPARTMENT OF ENERGY

SAVANNAH RIVER SITE

BLDG. NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
		F-AREA	

TITLE

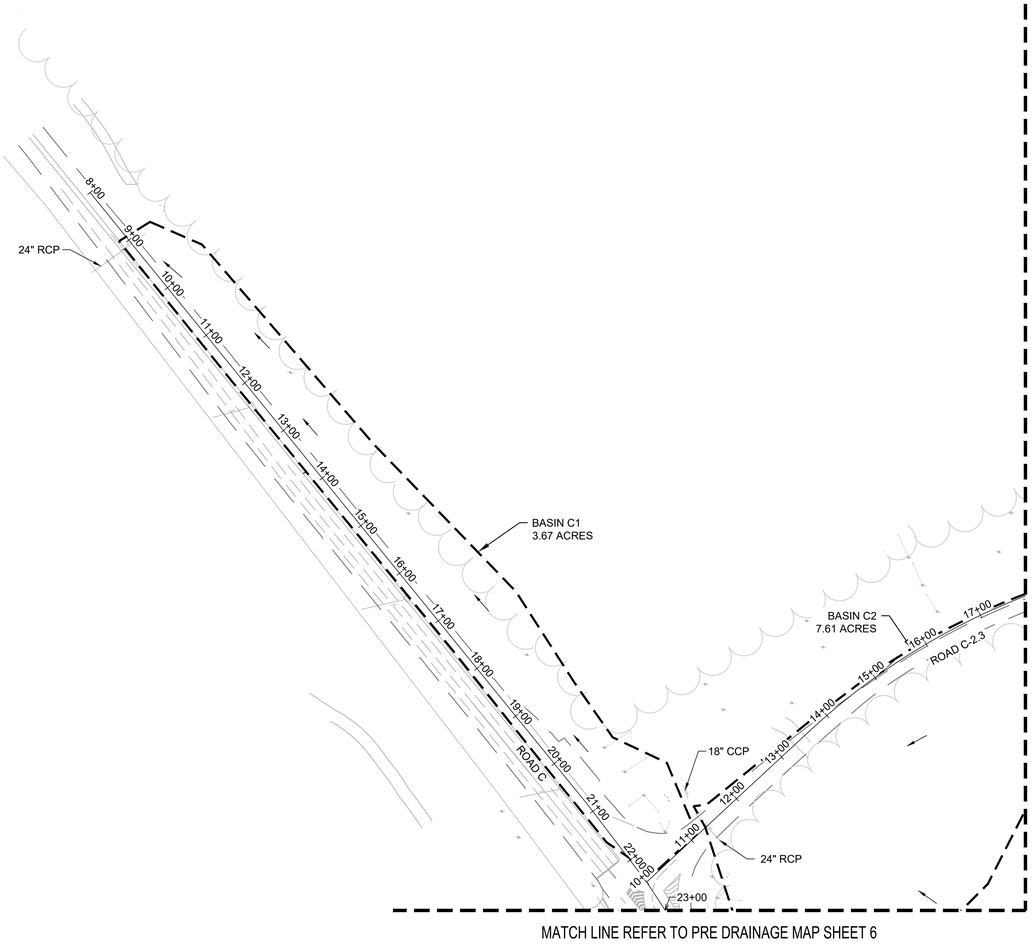
F-AREA ROAD IMPROVEMENTS

PRE DRAINAGE MAP
SHEET 1 OF 12

SCALE	SRS DRAWING NO.	B&McD NO.	LATEST REVISION
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SRS DRAWING NO.
1 of 1



1 PRE DRAINAGE MAP - 2

SHEET NOTES

SHEET KEYNOTES

LEGEND

STORMWATER BASIN

FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400
1" = 100'

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		F-AREA	

TITLE

F-AREA ROAD IMPROVEMENTS

PRE DRAINAGE MAP
SHEET 2 OF 12

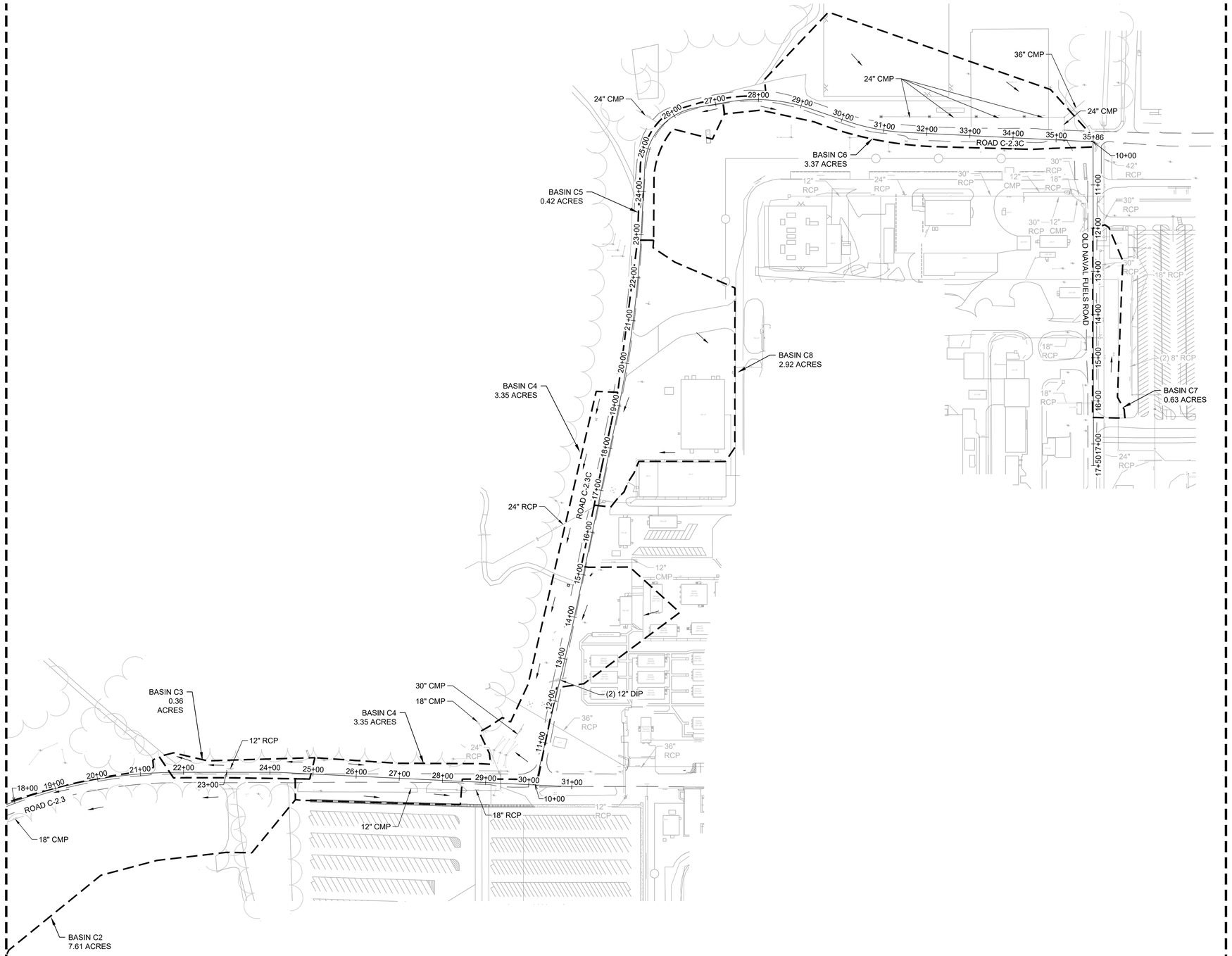
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1" = 100'

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Type 5 – rev. - 12/16/09



1 PRE DRAINAGE MAP - 3

SHEET NOTES

SHEET KEYNOTES

LEGEND

STORMWATER BASIN

FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400
1" = 100'

0 50 100 200 400
1" = 100'

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		F-AREA	

TITLE

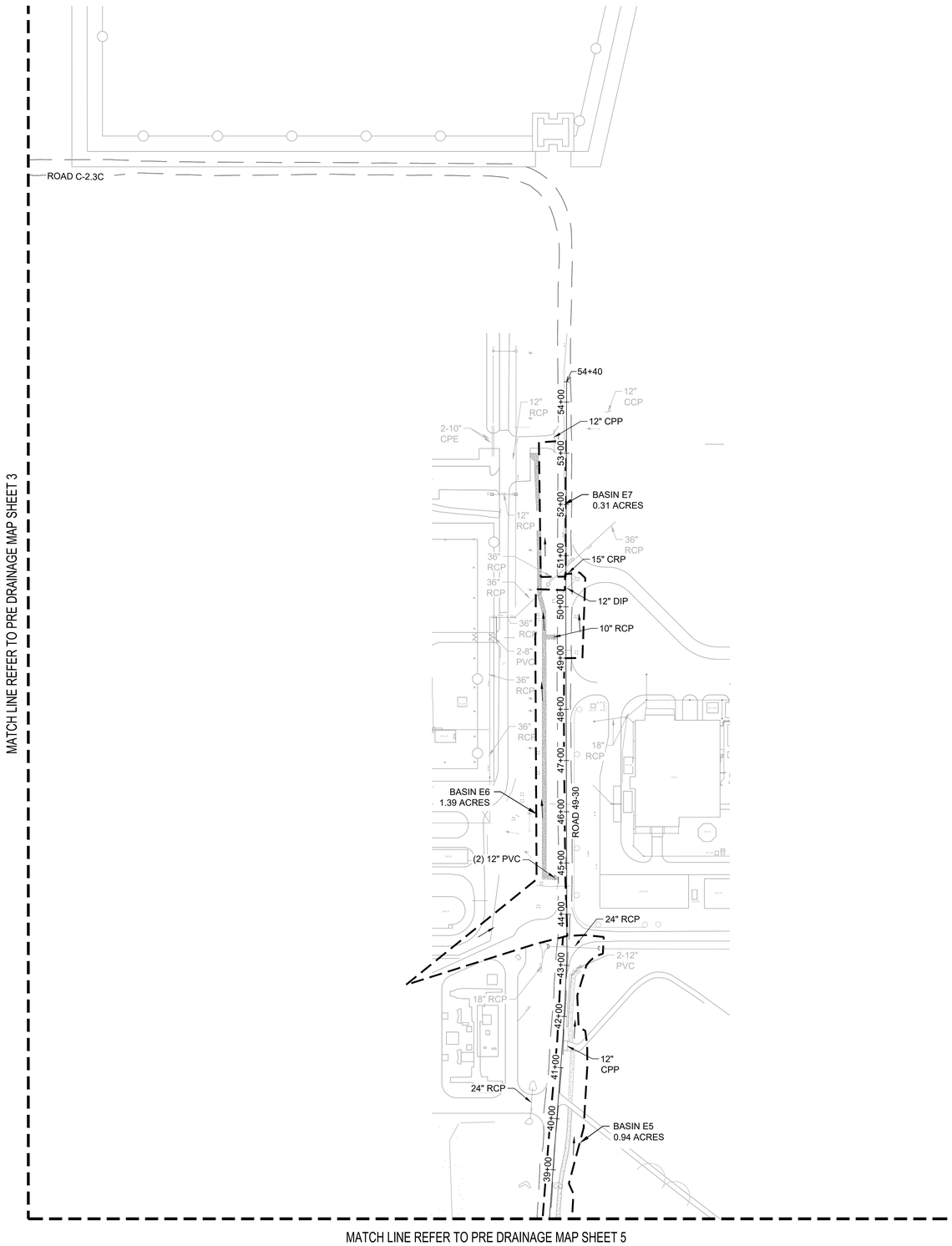
F-AREA ROAD IMPROVEMENTS

PRE DRAINAGE MAP
SHEET 3 OF 12

SCALE	SRS DRAWING NO.	BM&CO NO.	LATEST REVISION
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1 PRE DRAINAGE MAP - 4

SHEET NOTES

SHEET KEYNOTES

LEGEND

STORMWATER BASIN

FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400

1" = 100'

0 50 100 200 400

1" = 100'

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SAVANNAH RIVER SITE

BLDG. NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
		F-AREA	

TITLE

F-AREA ROAD IMPROVEMENTS

PRE DRAINAGE MAP
SHEET 4 OF 12

SCALE	SRS DRAWING NO.	B&McD NO.	LATEST REVISION
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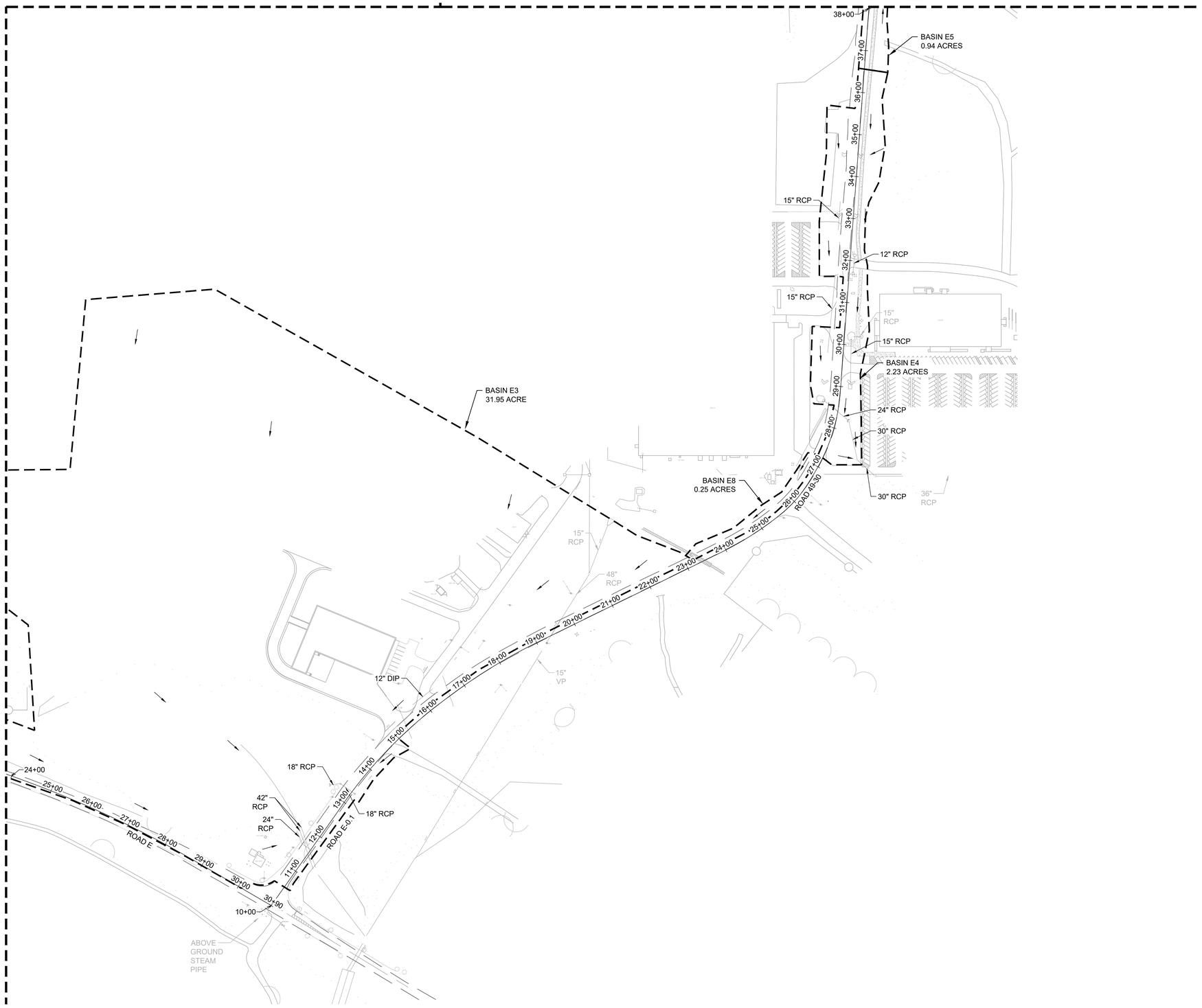
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SRS DRAWING NO.
1 of 1

MATCH LINE REFER TO PRE DRAINAGE MAP SHEET 3

MATCH LINE REFER TO PRE DRAINAGE MAP SHEET 4

MATCH LINE REFER TO PRE DRAINAGE MAP SHEET 6



1 PRE DRAINAGE MAP - 5

SHEET NOTES

SHEET KEYNOTES

LEGEND

STORMWATER BASIN

FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400

1" = 100'

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		F-AREA	

TITLE

F-AREA ROAD IMPROVEMENTS

PRE DRAINAGE MAP
SHEET 5 OF 12

SCALE	SRS DRAWING NO.	B&M.O NO.	LATEST REVISION
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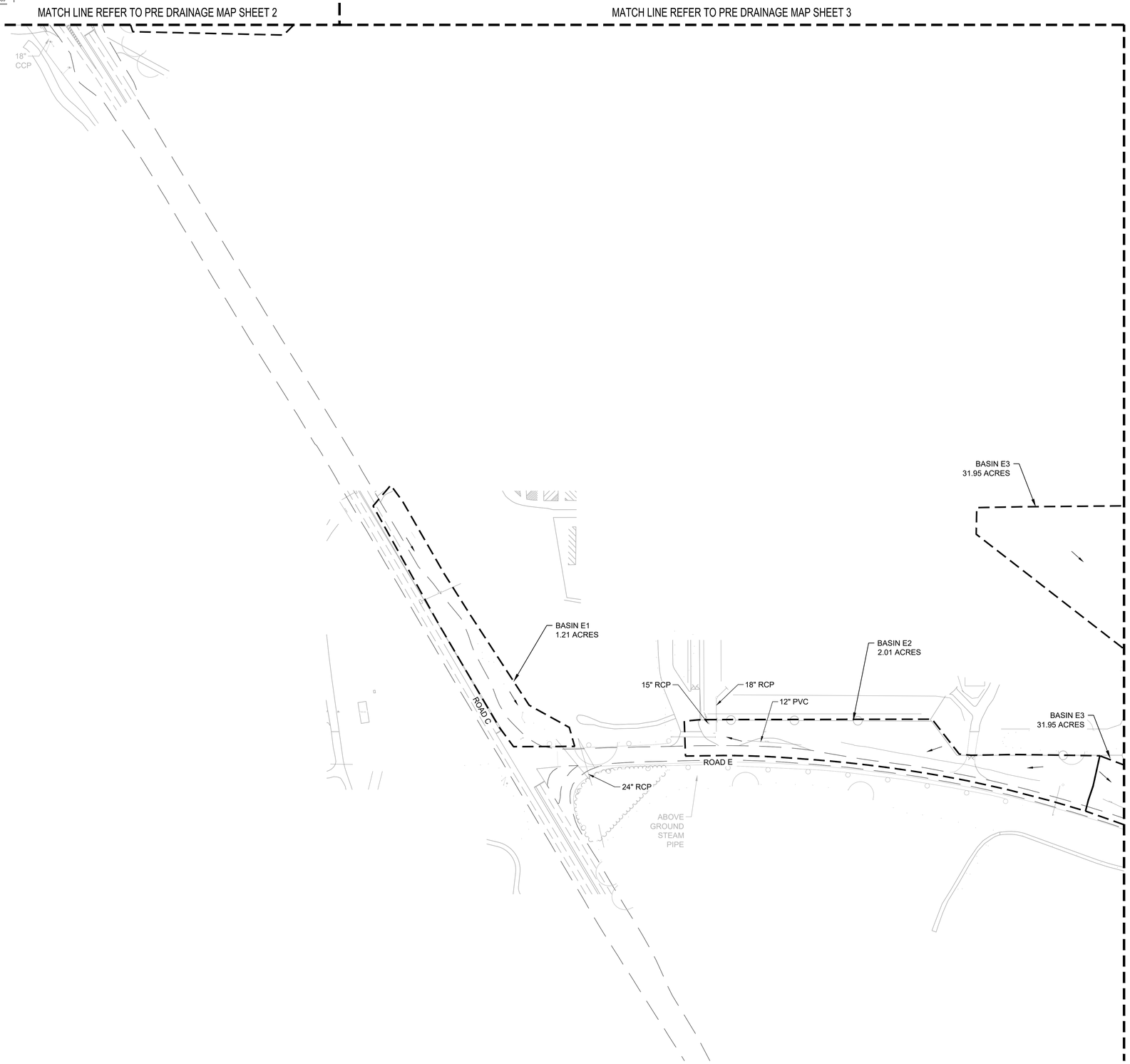
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MATCH LINE REFER TO PRE DRAINAGE MAP SHEET 2

MATCH LINE REFER TO PRE DRAINAGE MAP SHEET 3

MATCH LINE REFER TO PRE DRAINAGE MAP SHEET 5



1 PRE DRAINAGE MAP - 6

SHEET NOTES

SHEET KEYNOTES

LEGEND

STORMWATER BASIN

FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400

1" = 100'

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TITLE

F-AREA ROAD IMPROVEMENTS

PRE DRAINAGE MAP
SHEET 6 OF 12

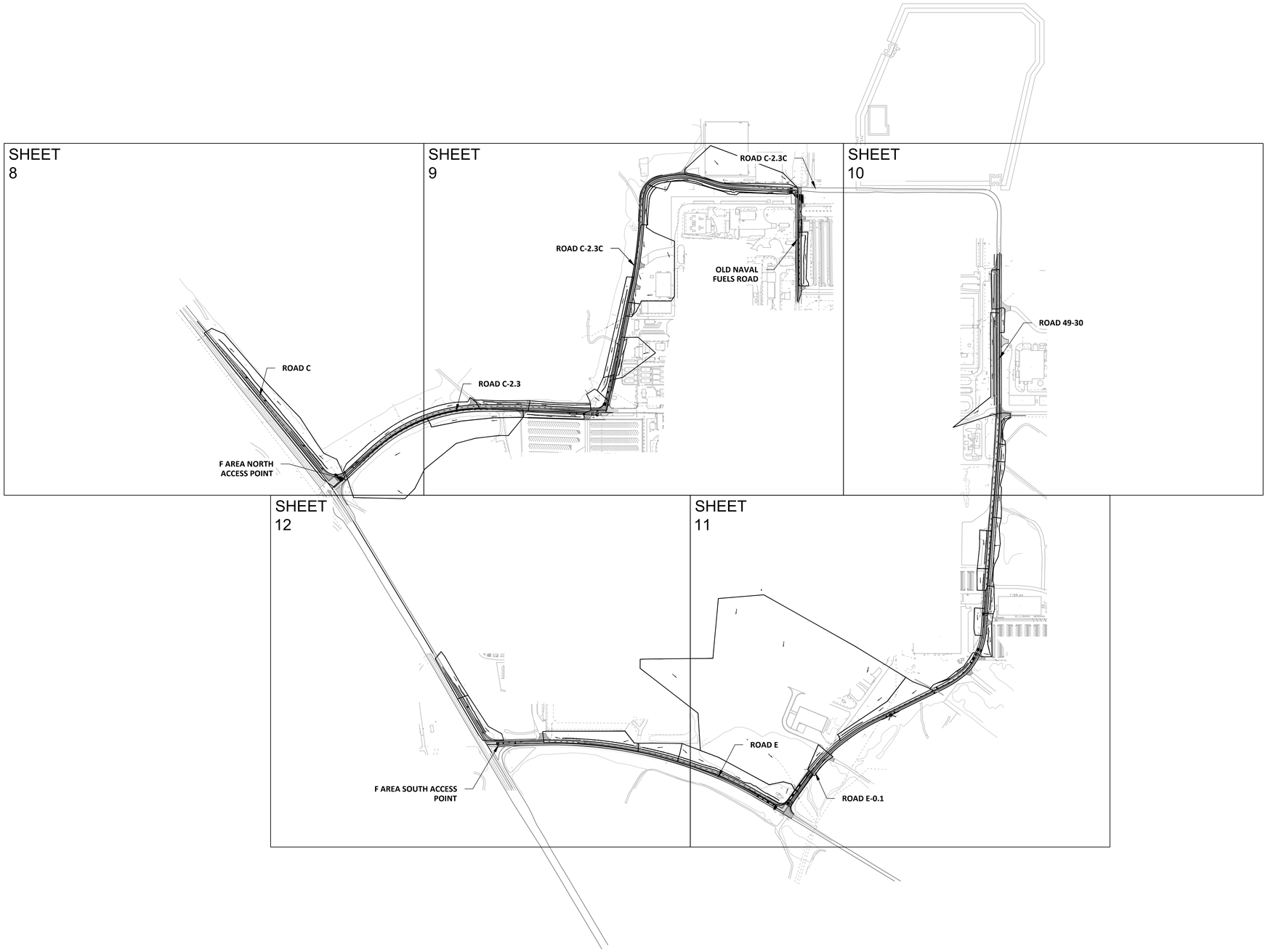
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1" = 100'

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SHEET NOTES

1. ALL DITCHES HAVE A 6:1 AND 2:1 FORESLOPE AND BACKSLOPE, RESPECTIVELY, WITH A 2-FT FLAT BOTTOM.
2. ALL DITCHES TO BE SODDED UNLESS OTHERWISE INDICATED.
3. DITCH SLOPE TO MATCH ADJOINING ROAD PROFILE GRADE.

SHEET KEYNOTES

LEGEND

GRAPHIC SCALE(S)

PLAN NORTH

0 150 300 600 1200

1" = 300'

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SAVANNAH RIVER SITE

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		F-AREA	

TITLE

F-AREA ROAD IMPROVEMENTS

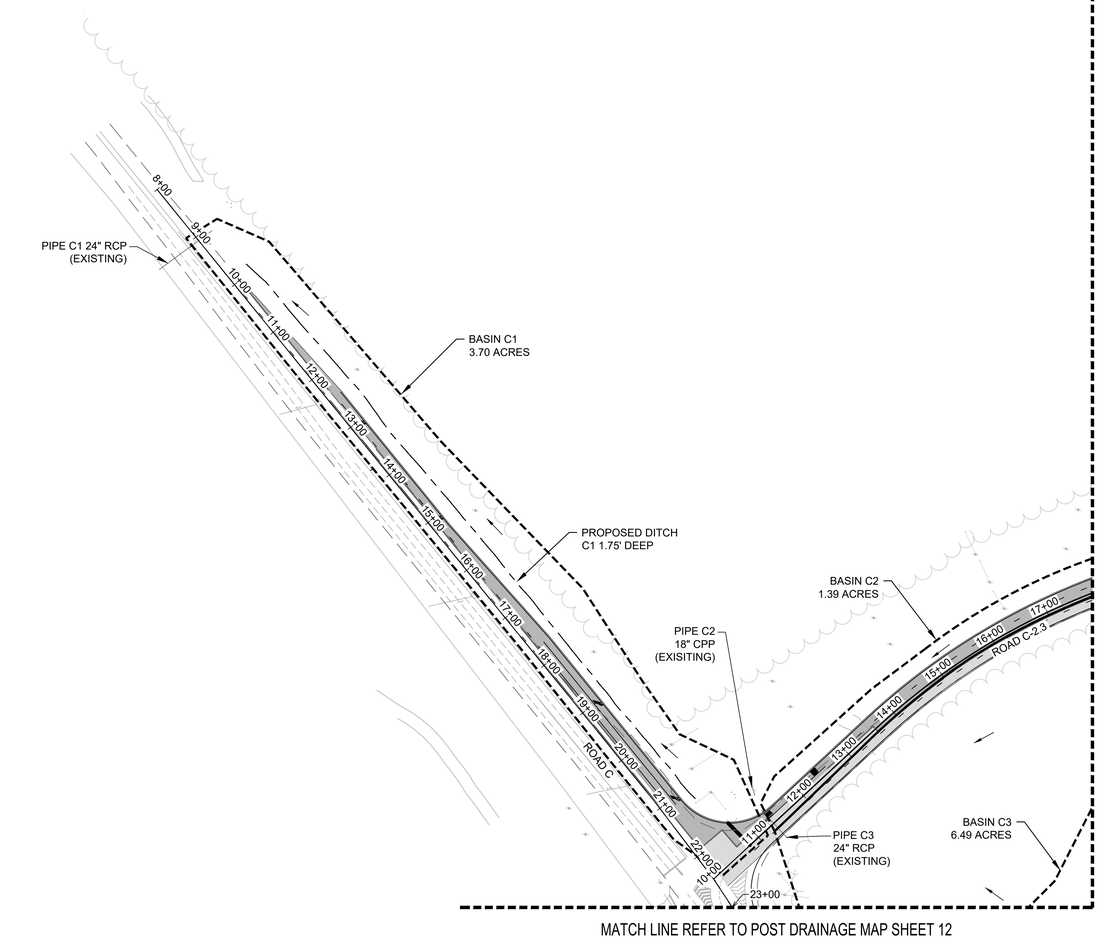
POST DRAINAGE MAP
SHEET 7 OF 12

SCALE	SRS DRAWING NO.	B&McD NO.	LATEST REVISION
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1 POST DRAINAGE MAP - 7

SRS DRAWING NO.
1 of 1



1 POST DRAINAGE MAP - 8

SHEET NOTES

SHEET KEYNOTES

LEGEND

- STORMWATER BASIN
- PROPOSED DITCH CENTERLINE
- STORM PIPE
- FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400
1" = 100'

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REFERENCE STANDARDS

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PROJECT							

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SAVANNAH RIVER SITE

BLDG. NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
		F-AREA	

TITLE

F-AREA ROAD IMPROVEMENTS

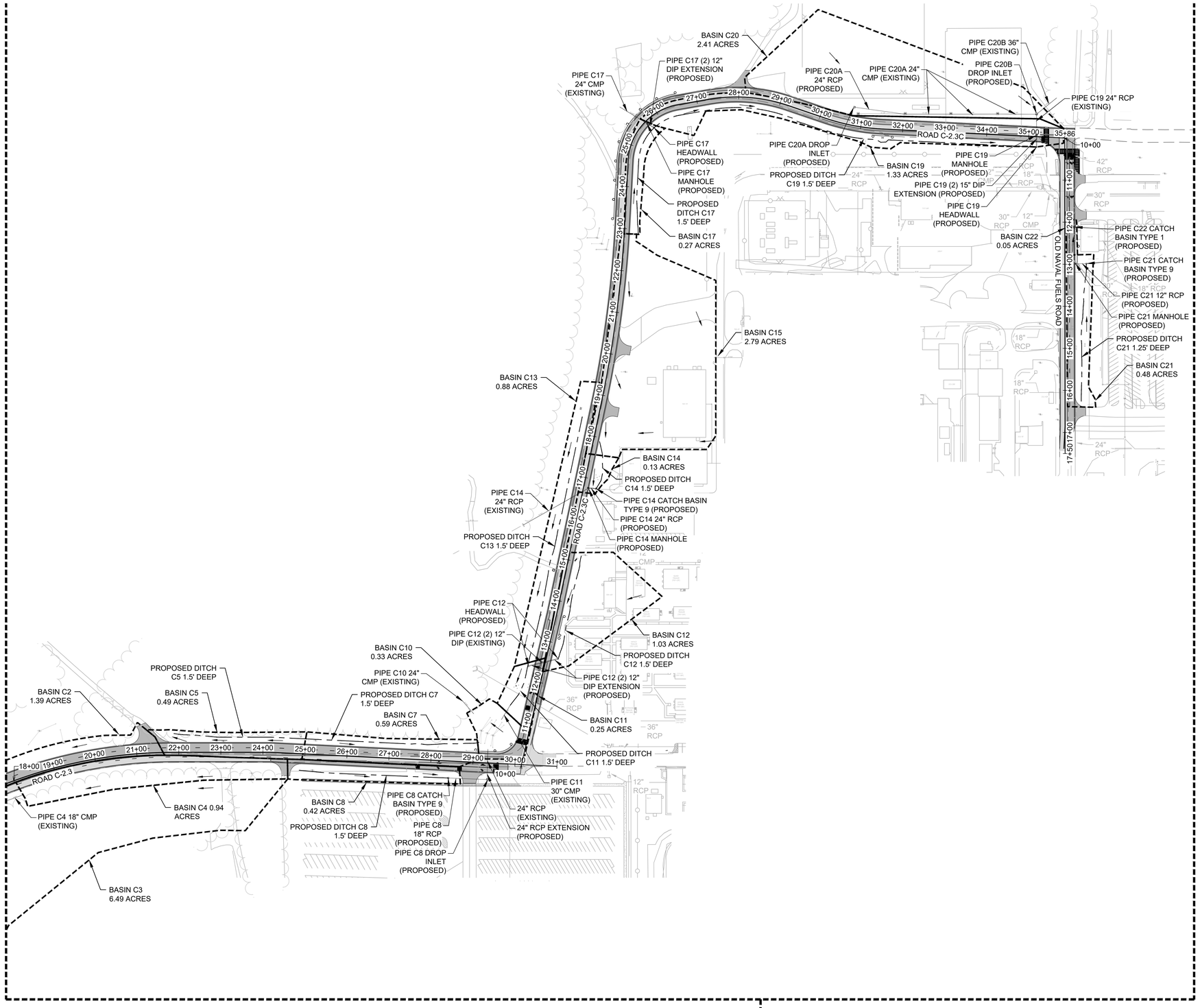
POST DRAINAGE MAP
SHEET 8 OF 12

SCALE	SRS DRAWING NO.	B&MCD NO.	LATEST REVISION
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SRS DRAWING NO.
1 of 1



1 POST DRAINAGE MAP - 9

SHEET NOTES

SHEET KEYNOTES

LEGEND

- STORMWATER BASIN
- PROPOSED DITCH CENTERLINE
- STORM PIPE
- FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400

1" = 100'

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REFERENCE STANDARDS

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REVISION	REV. NO.	PROJECT
ISSUED FOR CONSTRUCTION	0	

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LATEST 0 REVISION

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SAVANNAH RIVER SITE

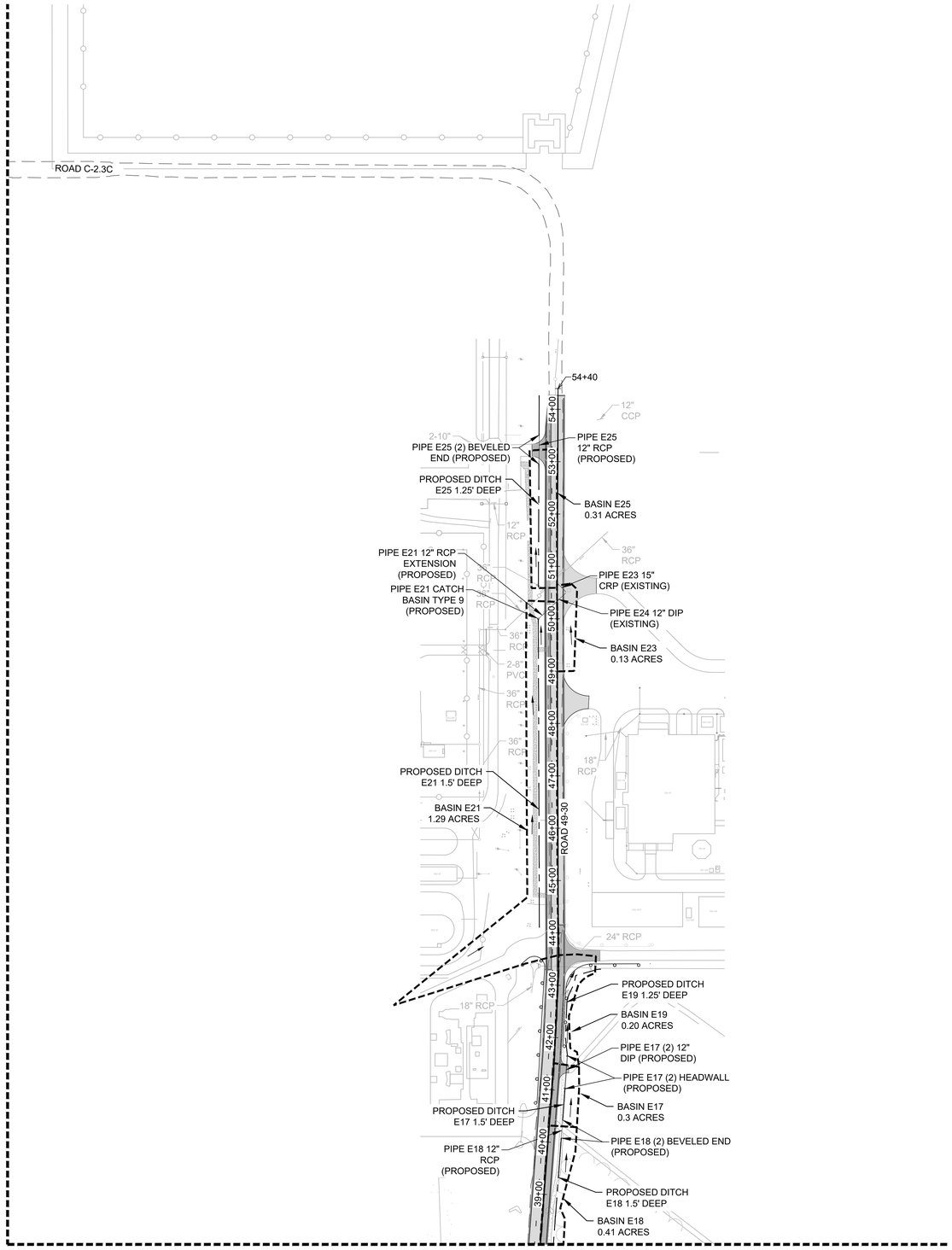
BLDG. NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
		F-AREA	

TITLE

F-AREA ROAD IMPROVEMENTS

POST DRAINAGE MAP
SHEET 9 OF 12

SCALE	SRS DRAWING NO.	BAM/O NO.	LATEST REVISION
1" = 100'	1 of 1		0



1 POST DRAINAGE MAP - 10

SHEET NOTES

SHEET KEYNOTES

LEGEND

- STORMWATER BASIN
- PROPOSED DITCH CENTERLINE
- STORM PIPE
- FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400

1" = 100'

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REFERENCE DRAWINGS

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INITIAL AND DATE				
PRPD	LEAD ENG	Chk'D/VERIF'D	APR'VD	APR'VD

REV. NO.	REVISION
0	ISSUED FOR CONSTRUCTION

PROJECT

BURNS McDONNELL
BALDWIN BUILDING
137 OLD MARKET STREET, SUITE 200
AIKEN, SC 29803

LATEST REVISION: 0

UNITED STATES DEPARTMENT OF ENERGY

SAVANNAH RIVER SITE

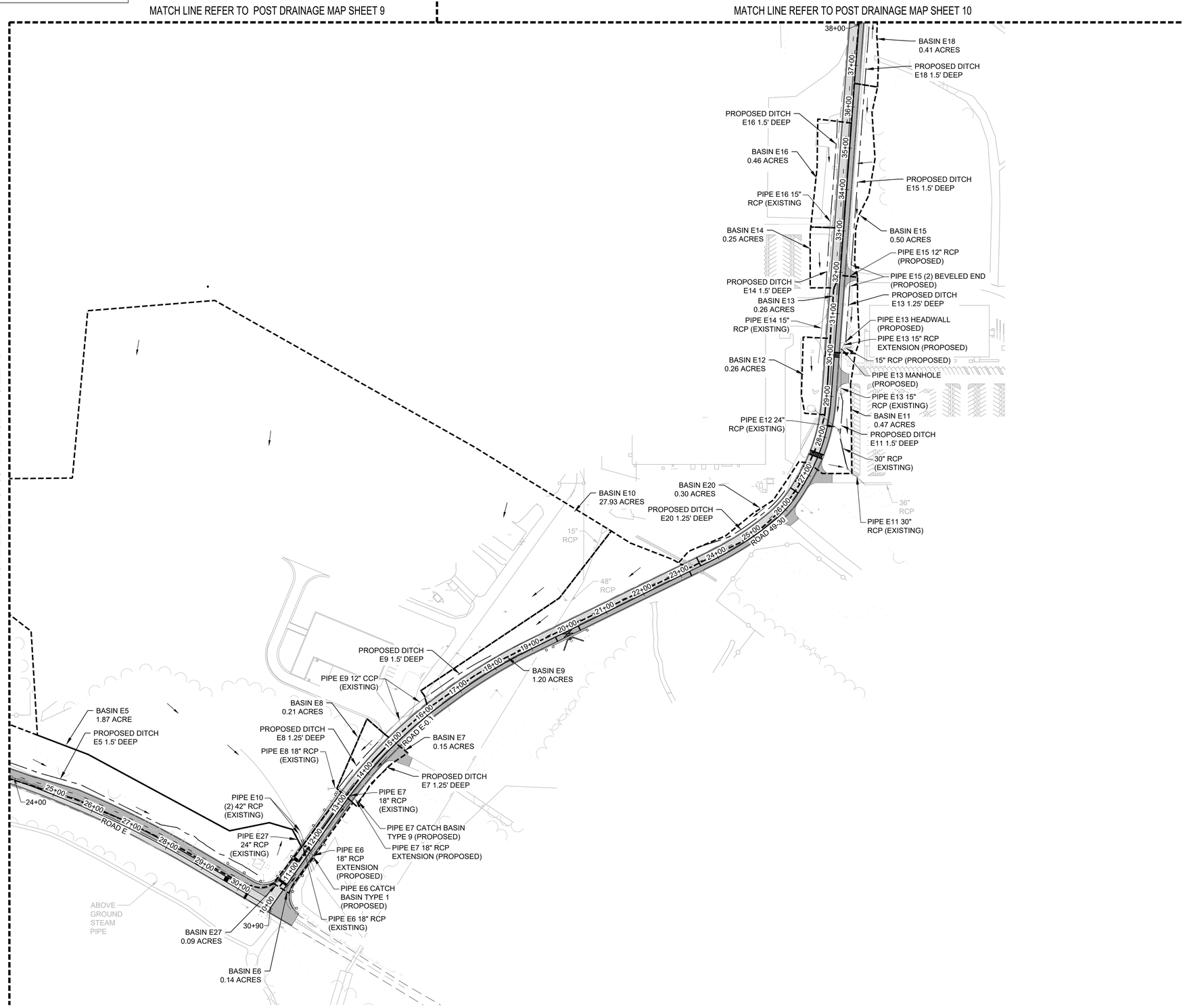
BLDG. NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
		F-AREA	

TITLE

F-AREA ROAD IMPROVEMENTS

POST DRAINAGE MAP
SHEET 10 OF 12

SCALE	SRS DRAWING NO.	B&MCO NO.	LATEST REVISION
1" = 100'	1 of 1		0



1 POST DRAINAGE MAP - 11

SHEET NOTES

SHEET KEYNOTES

LEGEND

- STORMWATER BASIN
- PROPOSED DITCH CENTERLINE
- STORM PIPE
- FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400

1" = 100'

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REFERENCE DRAWINGS

REFERENCE STANDARDS

REVISION	REV. NO.	PROJECT
ISSUED FOR CONSTRUCTION	0	

INITIAL AND DATE: PRPD | LEAD ENG | Chk'D/VERIF'D | APRVD | APRVD | APRVD

BURNS MCDONNELL
BALDWIN BUILDING
137 OLD MARKET STREET, SUITE 200
AIKEN, SC 29803

LATEST REVISION 0

UNITED STATES DEPARTMENT OF ENERGY

SAVANNAH RIVER SITE

BLDG. NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
		F-AREA	

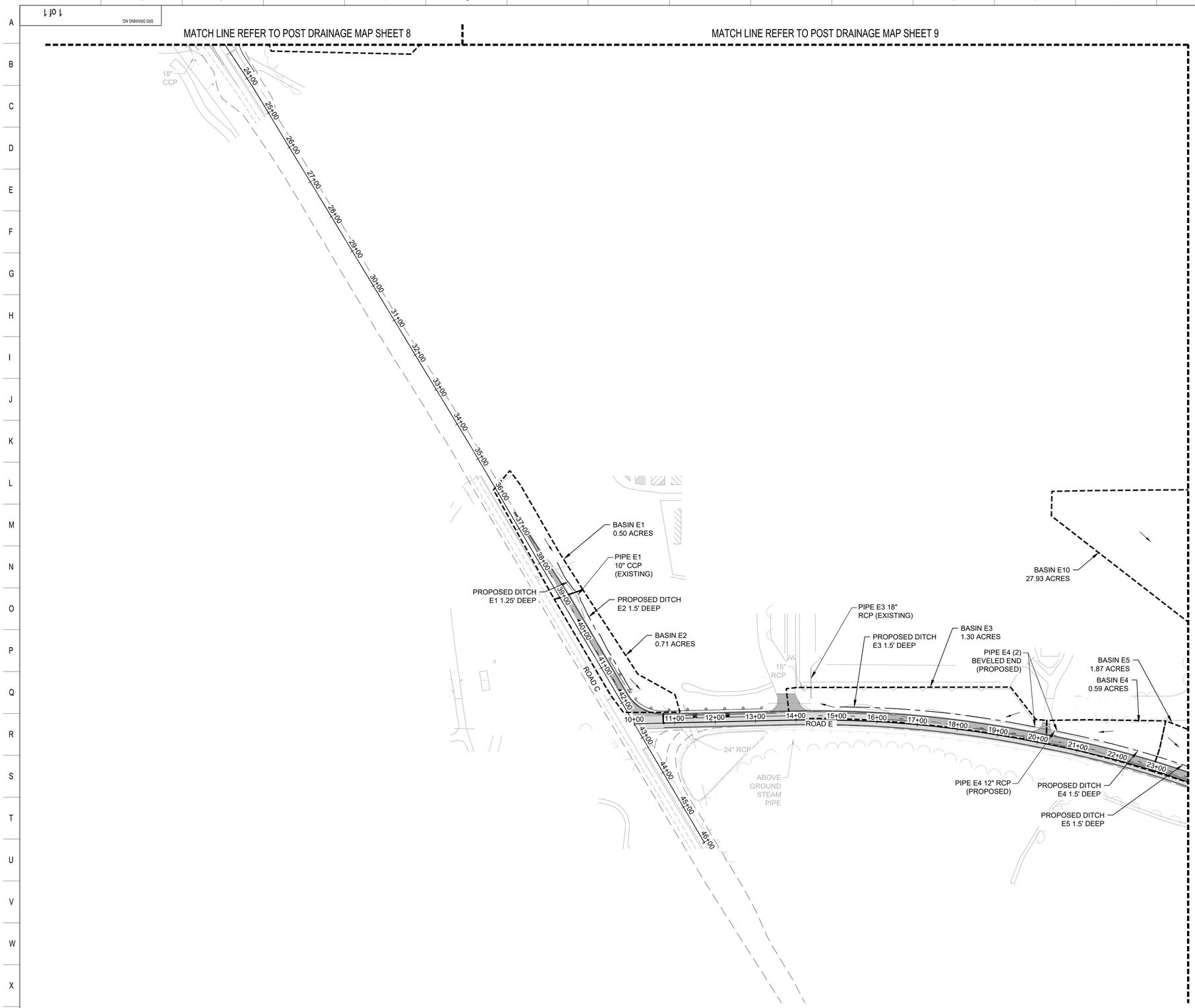
TITLE

F-AREA ROAD IMPROVEMENTS

POST DRAINAGE MAP
SHEET 11 OF 12

SCALE	SRS DRAWING NO.	BM&O NO.	LATEST REVISION
1" = 100'	1 of 1		0

The scale shown on this drawing is only applicable when plotted at 30" x 42" (actual drawing size)



1 POST DRAINAGE MAP - 12

SHEET NOTES

SHEET KEYNOTES

LEGEND

- STORMWATER BASIN
- PROPOSED DITCH CENTERLINE
- STORM PIPE
- FLOW ARROW

GRAPHIC SCALE(S)

PLAN NORTH

0 50 100 200 400

1" = 100'

THIS DRAWING HAS BEEN FURNISHED BY THE SAVANNAH RIVER SITE. NEITHER FROM YOU AND KNOW HOW CONTAINED THEREON MAY NOT BE USED NOR THE DRAWING REPRODUCED OR PUBLISHED WITHOUT PERMISSION OF THE PRIME CONTRACTOR. ALL REPRODUCTIONS IN WHOLE OR IN PART INCLUDING PHOTOGRAPHS AND DRAWINGS SHALL BEAR OR REFER TO THIS STAMP

REFERENCE DRAWINGS

REFERENCE STANDARDS

INITIAL AND DATE						
APRVD	APRVD	APRVD	CHK'D/VERIF'D	LEAD ENG	PRPD	

REVISION	REV. NO.	PROJECT
ISSUED FOR CONSTRUCTION	0	

BURNS McDONNELL
BALDWIN BUILDING
137 OLD MARKET STREET, SUITE 200
AIKEN, SC 29803

LATEST 0 REVISION

UNITED STATES DEPARTMENT OF ENERGY

SAVANNAH RIVER SITE

BLDG. NO.	SITE CLEARANCE NO.	DESIGN AREA NO.	DESIGN GROUP
		F-AREA	

TITLE

F-AREA ROAD IMPROVEMENTS

POST DRAINAGE MAP
SHEET 12 OF 12

SCALE	SRS DRAWING NO.	BM&D NO.	LATEST REVISION
1" = 100'	1 of 1		0

The scale shown on this drawing is only applicable when plotted at 30" x 42" (actual drawing size)

Minor
OPERATION AND MAINTENANCE
Activity Plan

F-Area Road Widening
Site Evaluation Area 276 & RCRA/CERCLA Units 2, 18, 72, 141, 280, 284, & 563

Prepared by: CASSANDRA MCNEACE (Affiliate) Digitally signed by CASSANDRA MCNEACE (Affiliate) Date: 2025.09.15 12:29:46 -04'00' 9/15/25
Cassandra McNeace, Environmental Compliance Authority, SRPPF Date

Approved by: EVAN CROY (Affiliate) Digitally signed by EVAN CROY (Affiliate) Date: 2025.09.30 10:48:13 -04'00' 9/30/25
Evan Croy, Radiological Protection, SRPPF Date

Approved by: NATASHA MCCANTS (Affiliate) Digitally signed by NATASHA MCCANTS (Affiliate) Date: 2025.10.20 09:15:13 -04'00' 10/20/25
Natasha McCants, Project Manager, SRPPF Date

1. INTRODUCTION

This Operation and Maintenance (O&M) Plan for the F-Area Road Widening project will provide a means by which soil/media disturbance can commence within 200 feet of Site Evaluation Area (SEA) 276 and RCRA/CERCLA Units 2, 18, 280, and 284 and within 20 feet of RCRA/CERCLA Units 72, 141, 563 while protecting human health and the environment and minimizing impacts to long term characterization and remediation efforts. This O&M Plan is characterized as "minor intrusive" because less than 10 percent of the Site Evaluation Area (SEA) will be disturbed.

This O&M plan is NOT a release to work. Before any work begins, a work package must be developed and approved by all applicable reviewers (ECA, RP, IH, Safety, etc.). Please do not commence any land disturbance without approval.

2. AREA DESCRIPTION AND CONDITIONS

The SRPPF project requires an increased number of personnel traveling in and out of F-Area. To support the increased traffic, the road will be widened in certain areas to support extra acceleration, turning, and roadway lanes.

The planned road widening disturbs land within 200 feet of the F-Area Acid/Caustic Basin, the Old Radioactive Burial Ground, and the F-Area Ash Basin. Road widening will also be within 20 feet of F-Area Hazardous Waste Management Facility Inactive Process Sewer, F-Area Inactive Process Sewer Lines from Building to Security Fence, and F-Area Process Sewer Lines. All units are listed below:

- F-Area Acid/Caustic Basin (904-74G, Units 2 & 284) – **RCRA/CERCLA Unit**
- Old Radioactive Waste Burial Ground (including solvent tanks 650-01E-22E) (643-E, Unit 18) – **RCRA/CERCLA Unit**
- F-Area Hazardous Waste Management Facility Inactive Process Sewer Line (081-1F, Unit 72) – **RCRA/CERCLA Unit**
- F-Area Inactive Process Sewer Lines from Building to Security Fence (081-1F, Unit 141) – **RCRA/CERCLA Unit**

- F-Area Retention Basin (281-0F, Unit 280) – **RCRA/CERCLA Unit**
- F-Area Process Sewer Lines (Unit 563) – **RCRA/CERCLA Unit**
- F-Area Ash Basin (288-0F, Unit 276) – **SEA**

A detailed map of the planned roadway expansion is located in Figure 6 on page 9. General locations where road widening will occur within buffer zones of waste units are shown below.

Figure 1. General Location of Land Disturbance near Units 72, & 563

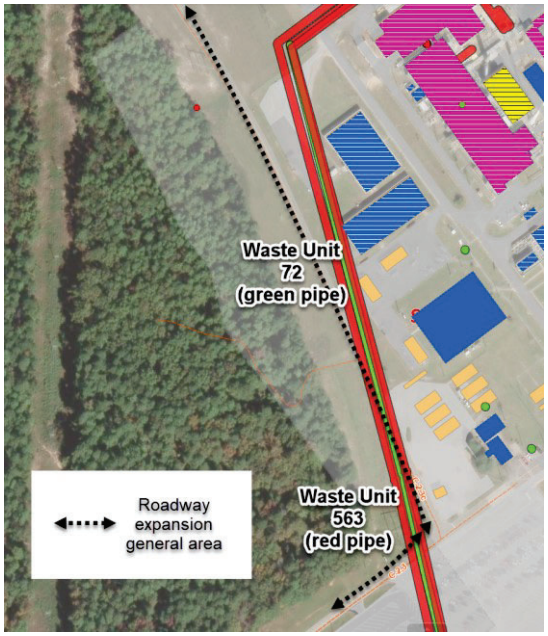


Figure 2. General Location of Land Disturbance near Units 141 & 563

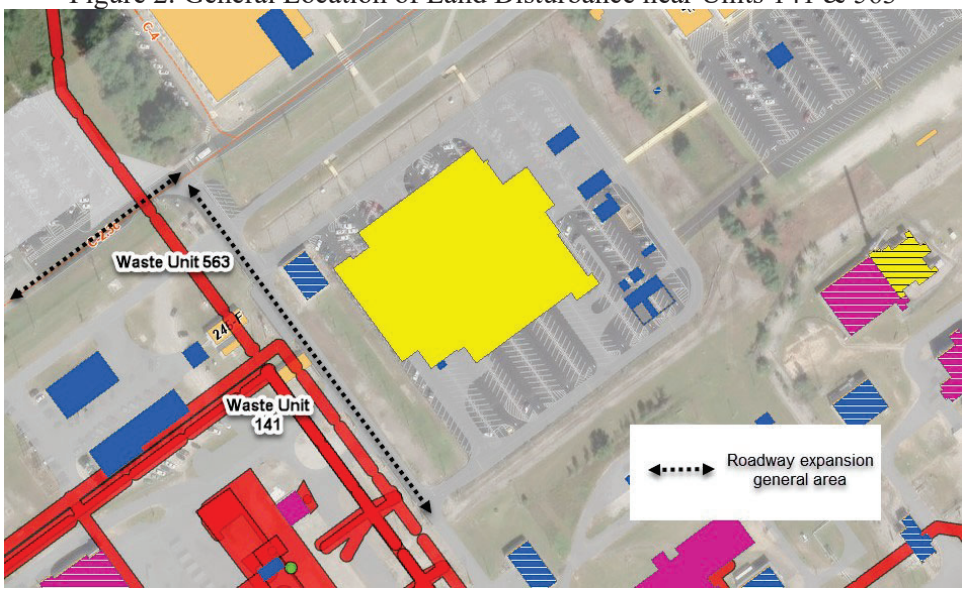


Figure 3. General Location of Land Disturbance near Units 2, 276, & 284

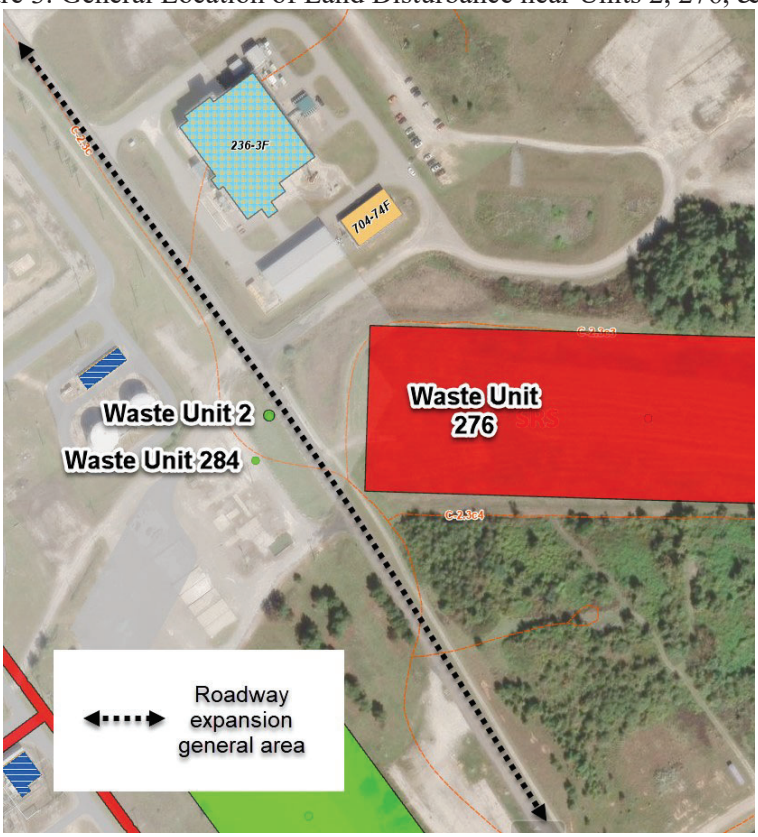
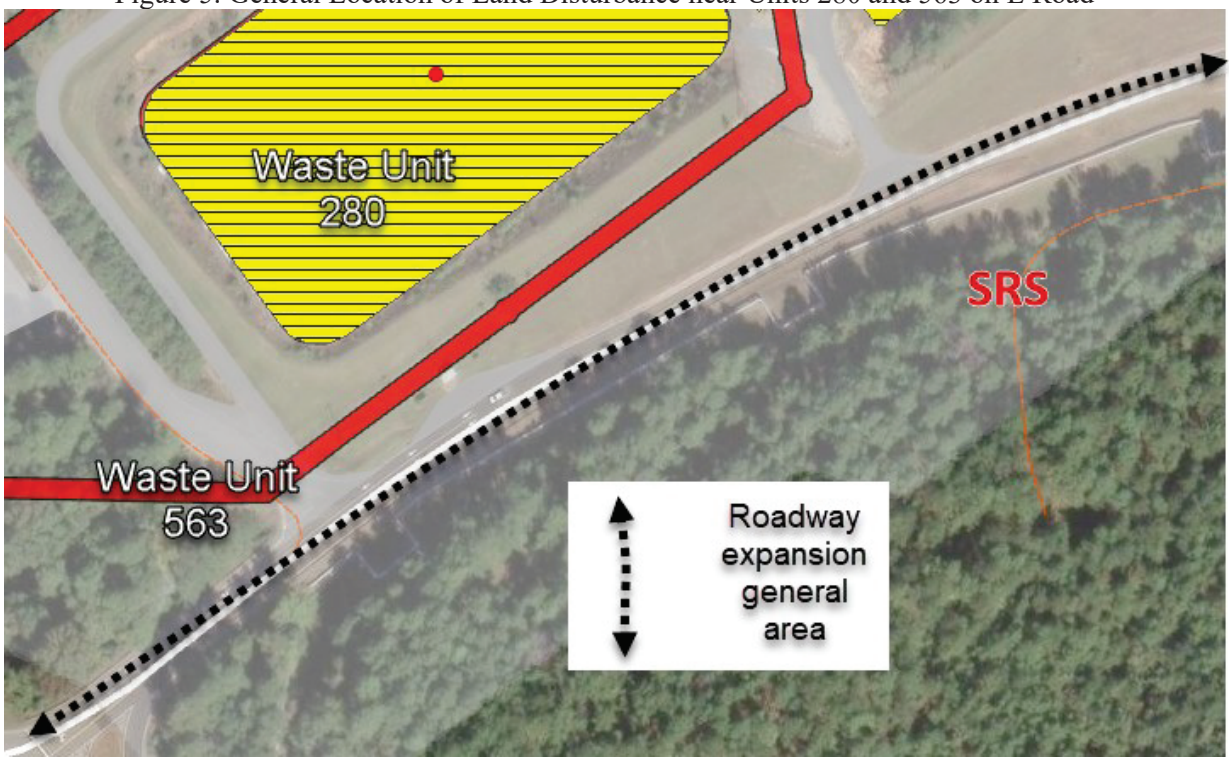


Figure 4. General Location of Land Disturbance near Units 18 & 563



Figure 5. General Location of Land Disturbance near Units 280 and 563 on E Road



The waste units that are required to be in the O&M plan have a few contaminants of concern. The Old Radioactive Waste Burial Ground (Unit 18) shown above had use as an unlined burial trench for solid radioactive waste. It also had a burn area and solvent tanks S-01 (605-01E) through S-22 (605-22E).

F-Area Hazardous Waste Management Facility Inactive Process Sewer Line (Unit 72) transported contaminated wastewater to seepage basins, making the primary contaminants radionuclides. The F-Area Inactive Process Sewer Lines from Building to Security Fence (Unit 141) also transported contaminated wastewater. It's primary contaminants of concern are radionuclides. The F-Area Process Sewer Lines (Unit 563) also have radionuclide contaminants.

The F-Area Acid/Caustic Basin (Units 2 & 284) had disposal of caustic agents which are the primary contaminants of concern. The F-Area Ash Basin (Unit 276) has the primary contaminants of toxic metals. The F-Area Retention Basin (Unit 280) was used to store contaminated cooling water from Separations. Safety and health concerns are primarily from personnel exposure to radionuclides, corrosives, and metals.

3. O&M ACTIVITY

A. O&M Activity Description

The planned soil disturbing activity in the buffer zone of SEA 276 and RCRA/CERCLA Units 2, 18, 72, 141, 280, 284, & 563 involves minor disturbance to widen roads and install acceleration, turning, and extra lanes. The depth of disturbance will fluctuate throughout the planned roadway expansion, with a maximum depth of 9-10 feet at one point where a domestic water line near the F-Area gas station will need to be lowered. All other disturbances will not breach any of the waste units themselves.

This activity is expected to begin in October 2025 and complete by September 2026. If this work scope requires significant change for any reason, the SRNS On-Scene Coordinator (OSC) will be contacted to determine if modifications to this O&M Plan are required.

B. O&M Activity Sampling and Monitoring for Health and Safety

Radiological Protection (RP) will monitor the water and/or soil removal activities for radioactive contamination per their standard procedures. If radiological contamination is encountered, RP will determine if protective equipment and personnel access restrictions are required.

The work area will be barricaded with rope or rigid handrail to ensure that access is controlled. This is due to personnel safety around the work area.

Worker health and safety will be described and controlled, as required, in the work package, and the Assisted Hazards Analysis (AHA).

C. Health and Safety Plan

The health and safety concern for this O & M Plan primarily involves worker exposure to potential radiological, corrosive, and metal contamination. RP shall be available for any questions or oversight requested during the land disturbance process.

The Work Order and/or AHA for these activities will contain instructions to comply with this plan.

The safety requirements and personal protective equipment described in these documents is appropriate for the potential hazards of the waste units

D. Characterization and Sampling Plan for the Affected Area within SEA 105

RP will create a sampling plan and characterization of any waste generated will be completed by the ECA.

E. Contaminated Materials Management and/or Disposal

If all SEA soil/media are determined to be "clean" by RP, normal waste disposal practices may be applied, as determined by SRPPF ECA. If soil/media are determined to be contaminated, contact SRPPF ECA for further guidance.

F. Environmental Plans and Permit Modification Requests

The soil disturbing aspect of this task is not expected to involve environmental plans/permits or other required maintenance and inspections. The lowering of the domestic line is considered a maintenance activity and does not require a SCDES permit. Project will involve the site infrastructure design authority for domestic water distribution system.

The Site Use/Site Clearance Permit process has been completed for this activity.

4. CONTINGENCY PLAN

If at any time during the implementation of the activity, the conditions change, such that the activity is no longer considered "minor" (is greater than 10% of a waste unit area impacted or disturbed) or any other unanticipated event occurs, the Facility Operations Manager or the ECA shall:

- Immediately notify the SRNS-OSC. The SRNS-OSC will notify the DOE-OSC.

- Contain and stabilize the area, investigate as necessary to determine the necessary change in the activity plan, secure the area and stop work.

- Update the SRNS-OSC as to the findings and the requested path forward. The SRNS-OSC will communicate the information to the DOE-OSC and obtain concurrence on the path forward.

5. DOCUMENTATION & REPORTING

The SRPPF ECA will transmit the following close-out documentation to the SRNS-OSC by the 20th day of the month following the month that the land disturbing activity was completed:

- the signed O&M Plan,

- any sampling and characterization data collected,

- quantity of contaminated materials generated, and

- treatment, storage, and disposal location of contaminated material.

References

WSRC-RP-96-45, Savannah River Site Plan for Performing Maintenance in Federal Facility Agreement Area (O&M) Plan (U), December 15, 1996.

WSRC-OS-94-42, Federal Facility Agreement for the Savannah River Site, August 16, 1993.

Figure 6. Entire Roadway Expansion Plans

DESIGN REQUIREMENTS

ROAD C:
- DESIGN SPEED 35 MPH
- 11 FT LANES
- 2 FT SHOULDER
- 3% CROSS-SLOPE

ROAD C-2.3:
- DESIGN SPEED 25 MPH
- 11 FT LANES
- 2 FT SHOULDER
- 3% CROSS-SLOPE

ROAD C-2.3C:
- DESIGN SPEED 25 MPH
- 11 FT LANES
- 1 FT SHOULDER
- 3% CROSS-SLOPE

OLD NAVAL FUEL ROAD:
- DESIGN SPEED 35 MPH
- 11 FT LANES
- 2 FT SHOULDER
- 3% CROSS-SLOPE

ROAD E:
- DESIGN SPEED 35 MPH
- 11 FT LANES
- 2 FT SHOULDER
- 3% CROSS-SLOPE

ROAD E-0.1:
- DESIGN SPEED 35 MPH
- 11 FT LANES
- 1 FT SHOULDER
- 3% CROSS-SLOPE

ROAD 49-30:
- DESIGN SPEED 25 MPH
- 11 FT LANES
- 2 FT SHOULDER
- 3% CROSS-SLOPE

