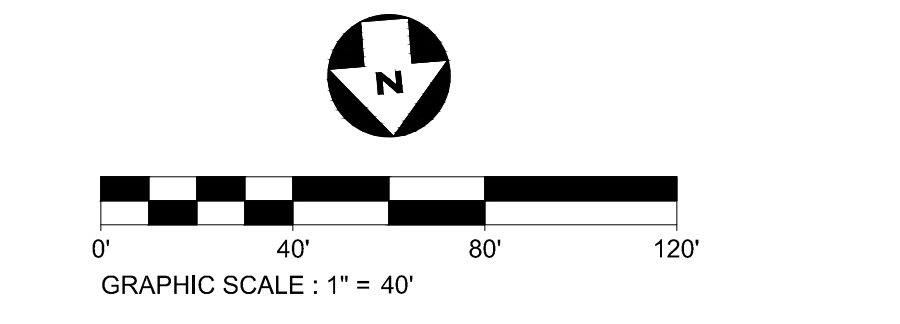
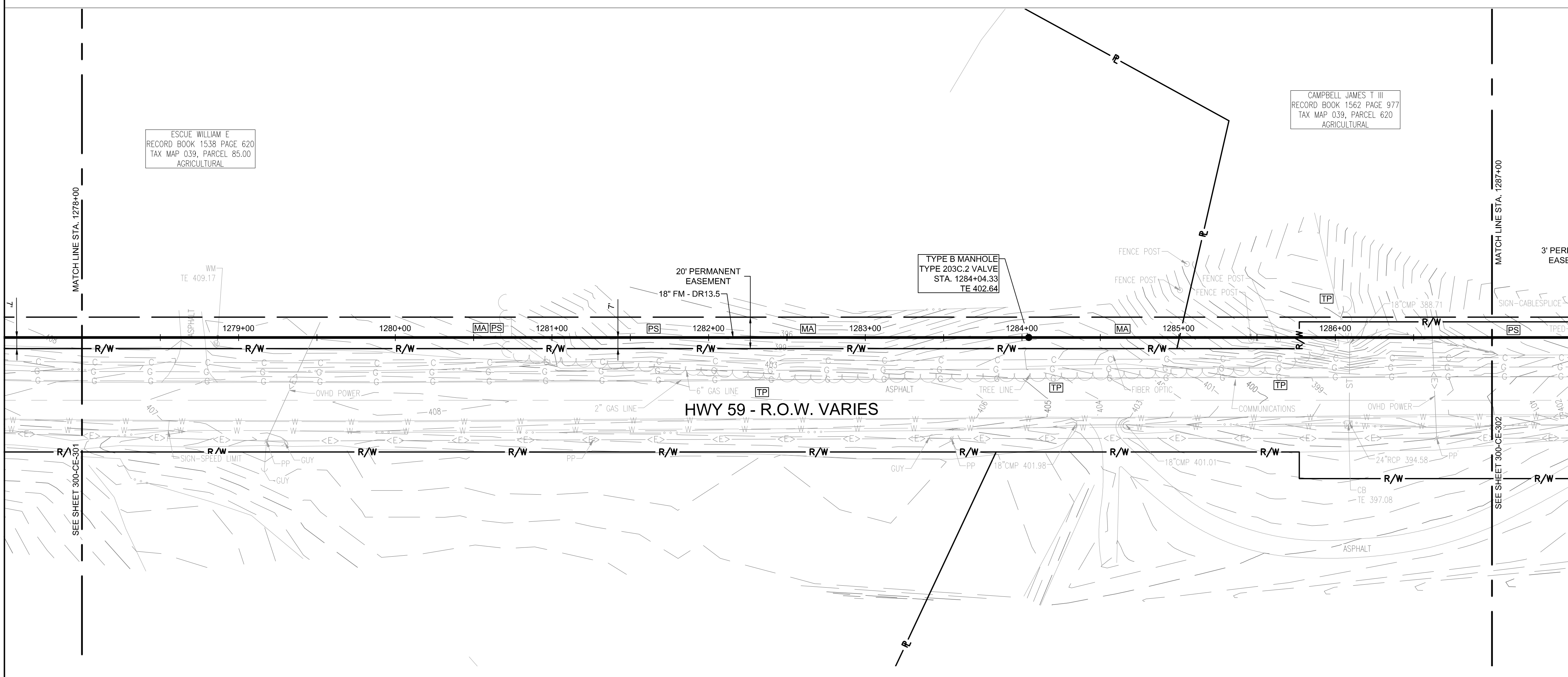


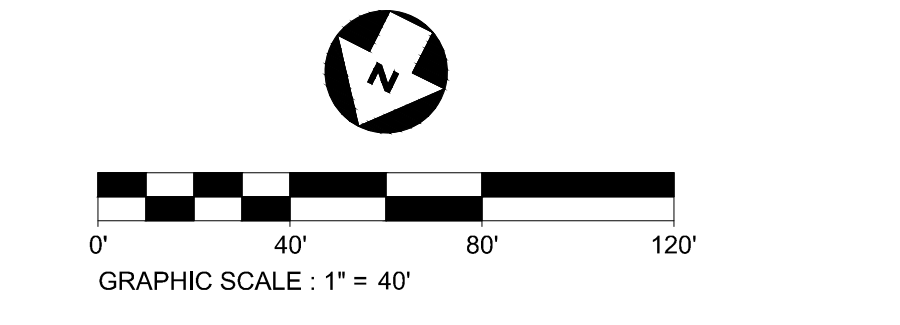
FORCE MAIN 3 - EPSC PLAN
STA. 1268+85.00 TO 1278+00.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

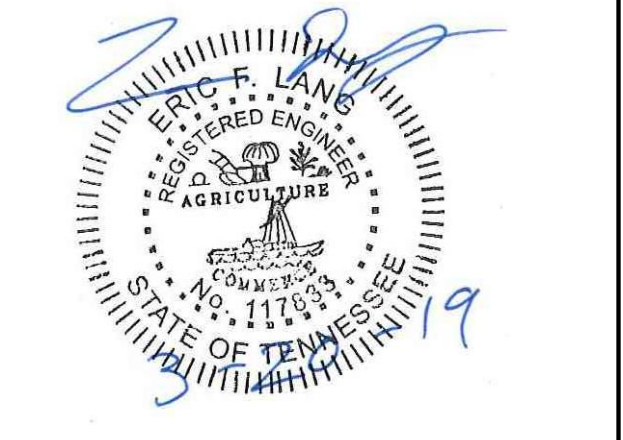


FORCE MAIN 3 - EPSC PLAN
STA. 1278+00.00 TO 1287+00.00



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7355

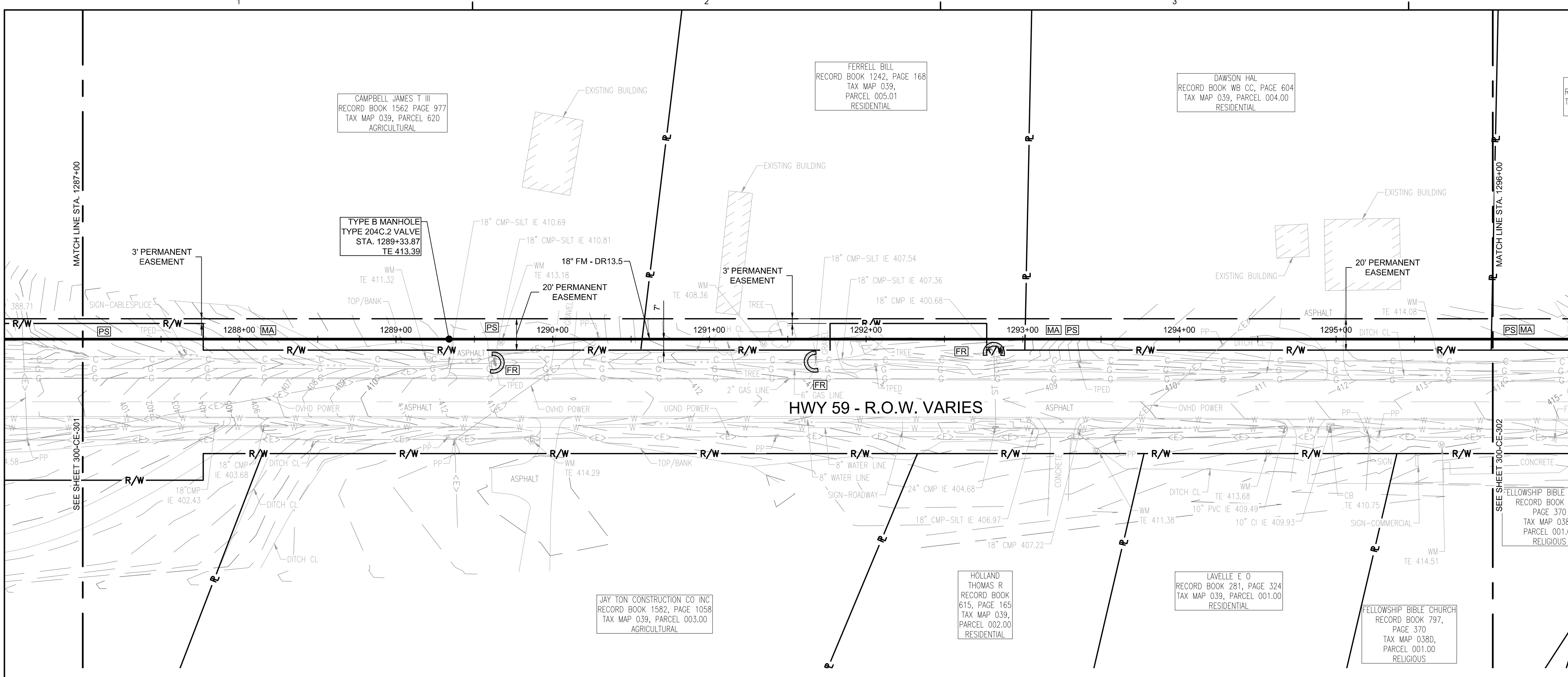
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1268+85.00 TO 1278+00.00
STA. 1278+00.00 TO 1287+00.00

DRAWING NO:
300-CE-301



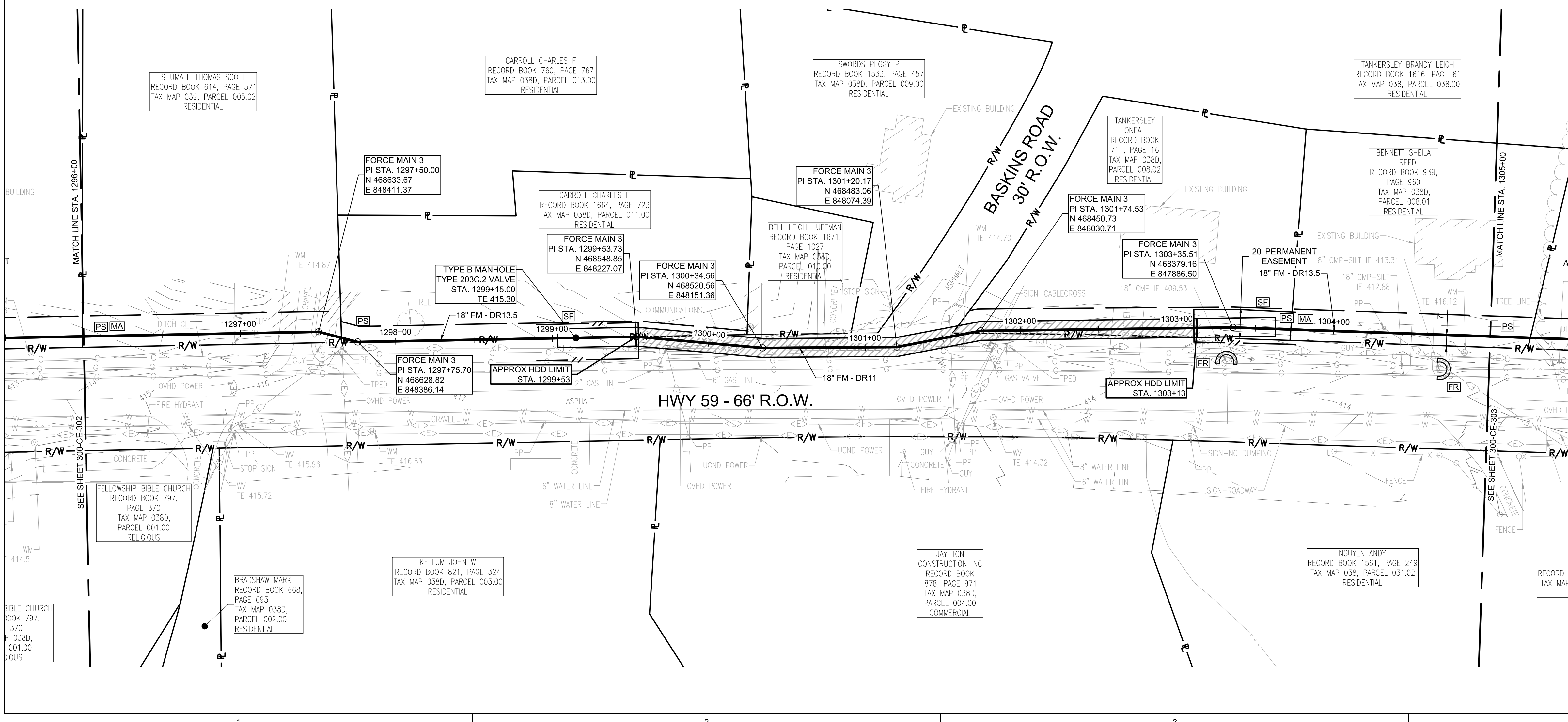
Know what's below.
 Call before you dig.



FORCE MAIN 3 - EPSC PLAN
STA. 1287+00.00 TO 1296+00.00
 SCALE: 1" = 40'

EPSC LEGEND

- PS DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
- SF SILTS FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
- CD CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
- FR FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
- MA EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
- TP TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

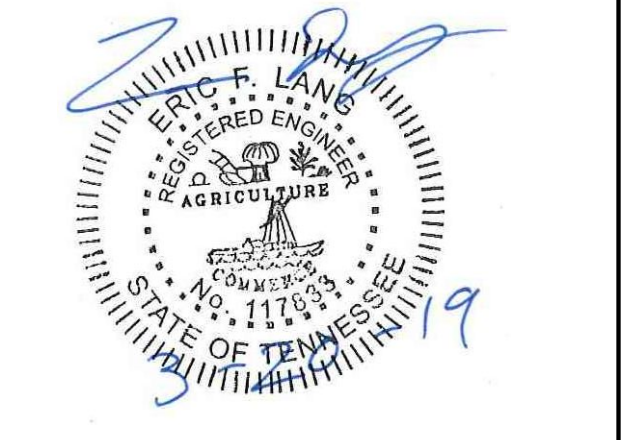


FORCE MAIN 3 - EPSC PLAN
STA. 1296+00.00 TO 1305+00.00
 SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

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E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
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B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

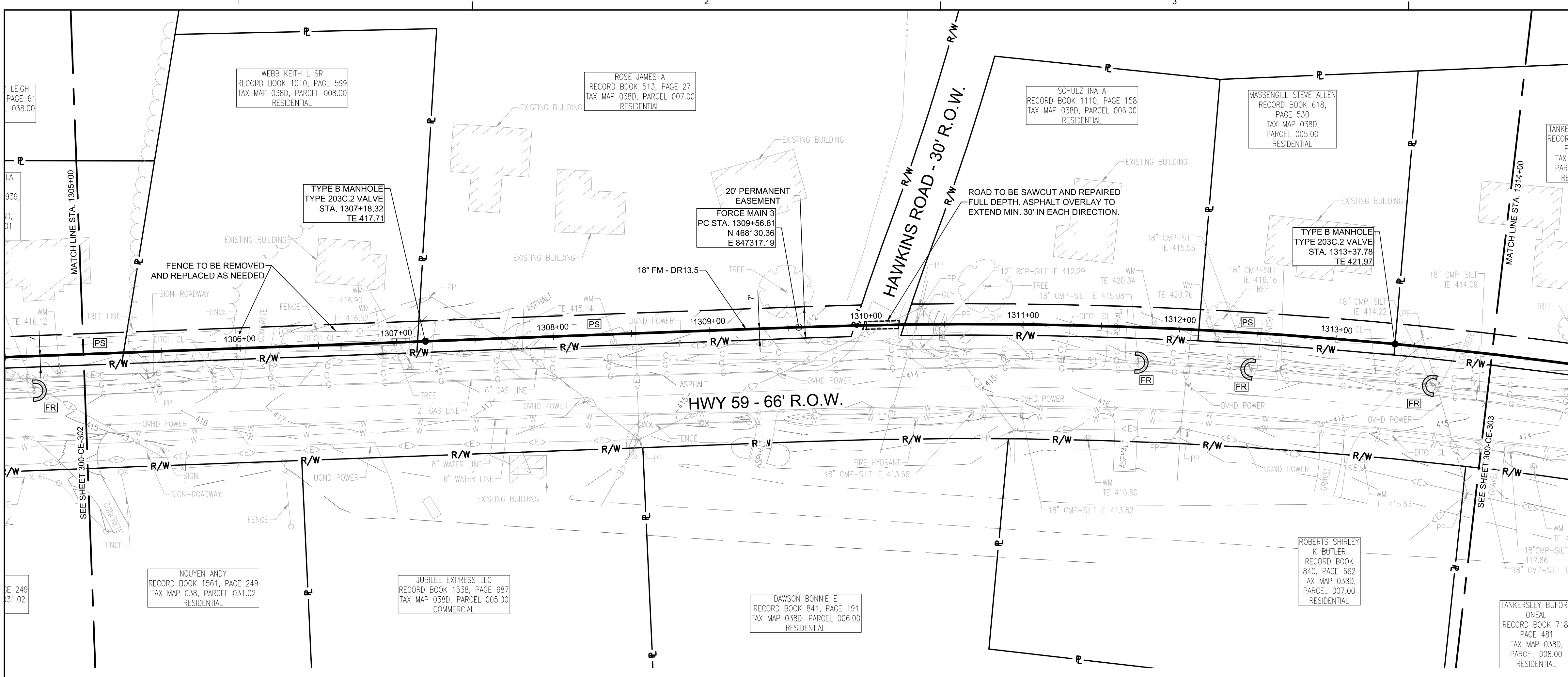
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1287+00.00 TO 1296+00.00
 STA. 1296+00.00 TO 1305+00.00

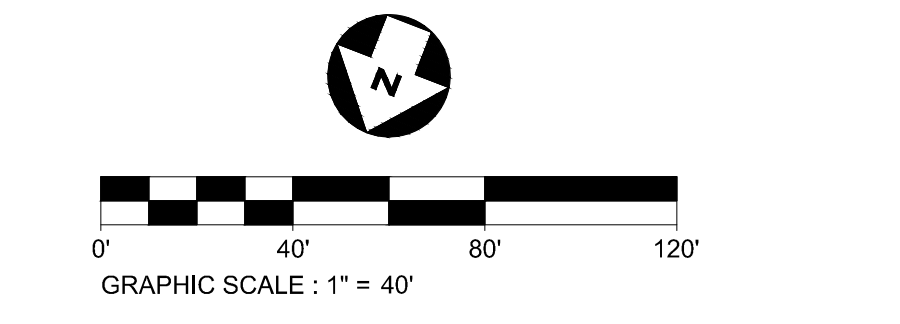
DRAWING NO:
300-CE-302



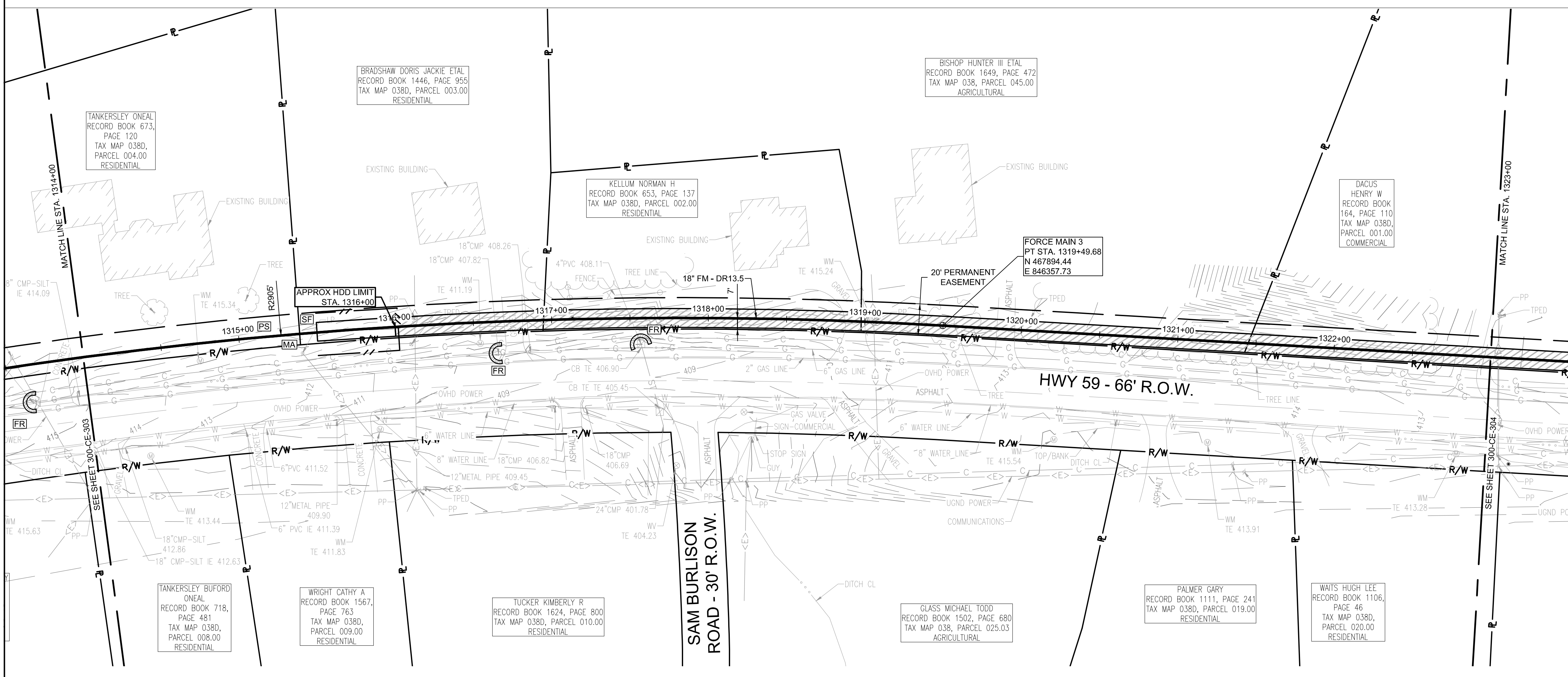
Know what's below.
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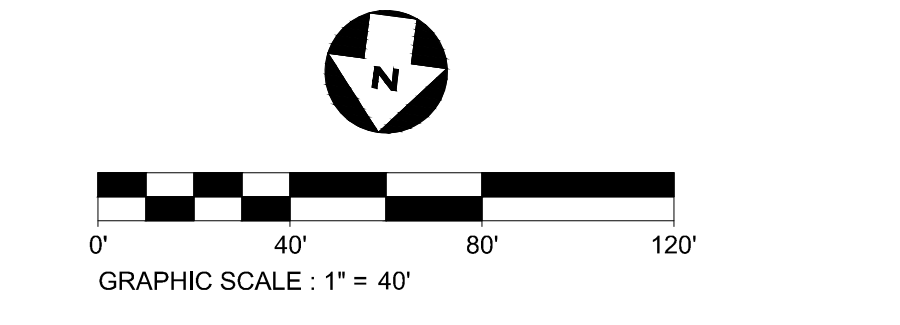
FORCE MAIN 3 - EPSC PLAN
STA. 1305+00.00 TO 1314+00.00



- EPSC LEGEND**
- PS DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SF SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CD CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FR FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - MA EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TP TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

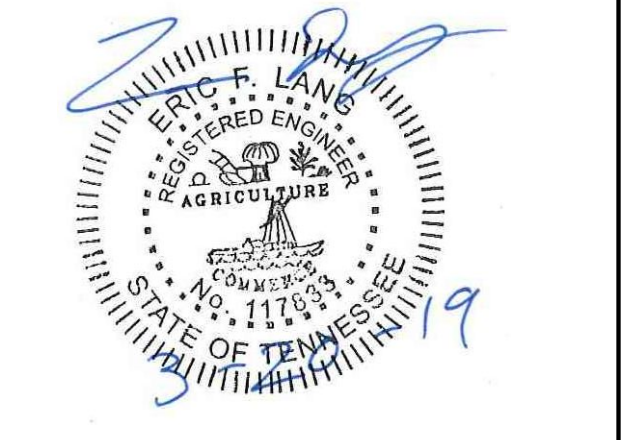


FORCE MAIN 3 - EPSC PLAN
STA. 1314+00.00 TO 1323+00.00



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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7355

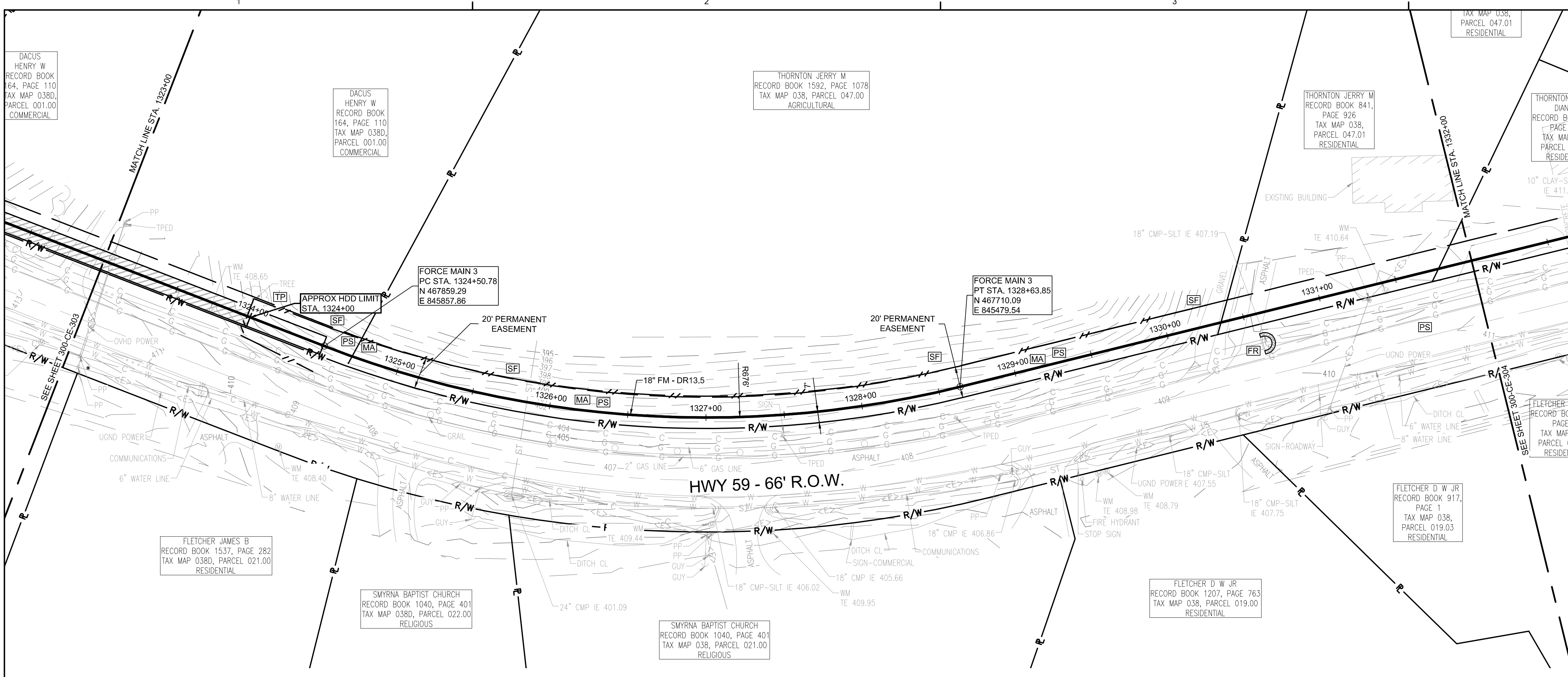
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1305+00.00 TO 1314+00.00
STA. 1314+00.00 TO 1323+00.00

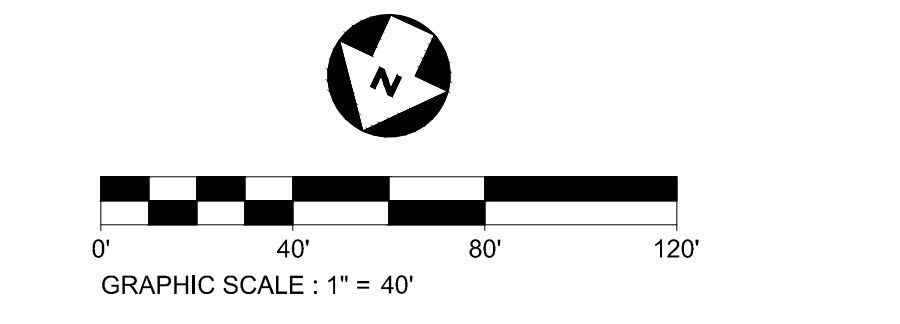
DRAWING NO:
300-CE-303



Know what's below.
 Call before you dig.



FORCE MAIN 3 - EPSC PLAN
STA. 1323+00.00 TO 1332+00.00

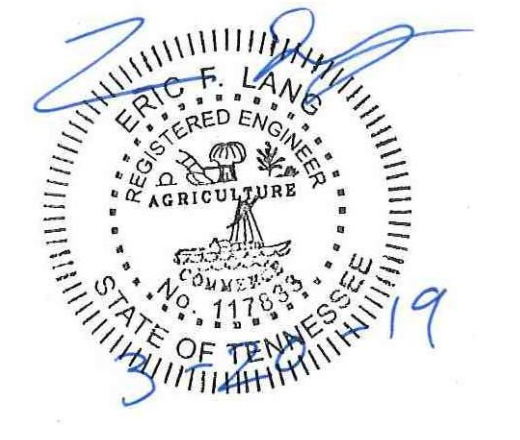


- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILTY FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

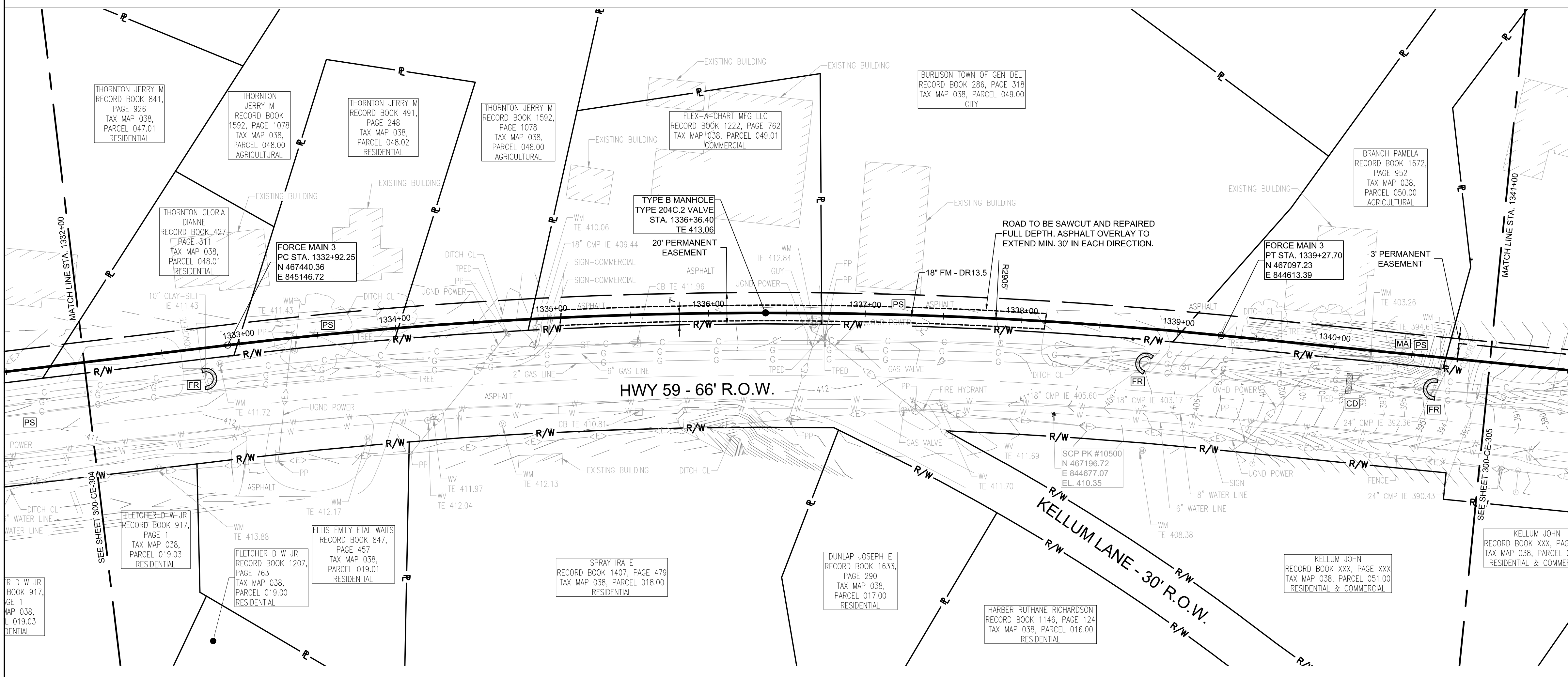


CONSULTANTS:

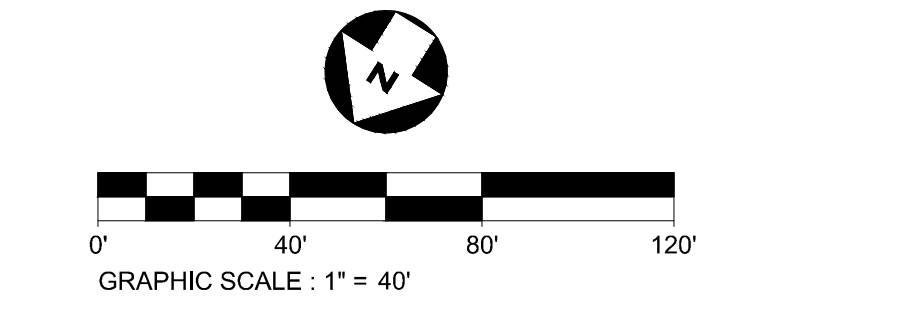
SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN



FORCE MAIN 3 - EPSC PLAN
STA. 1332+00.00 TO 1341+00.00



CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7355

PROJECT NO: **012-02080-16**
 PROJECT MANAGER: **D. HIBDON**
 DESIGNED: **E. LANG**
 CHECKED: **C. HARTMAN**

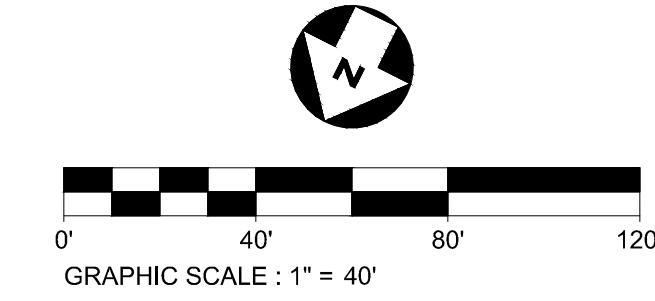
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1323+00.00 TO 1332+00.00
STA. 1332+00.00 TO 1341+00.00

DRAWING NO:
300-CE-304



Know what's below.
 Call before you dig.

FORCE MAIN 3 - EPSC PLAN
STA. 1341+00.00 TO 1350+00.00
 SCALE: 1" = 40'



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:

FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:



STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION	OR	ISSUE

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

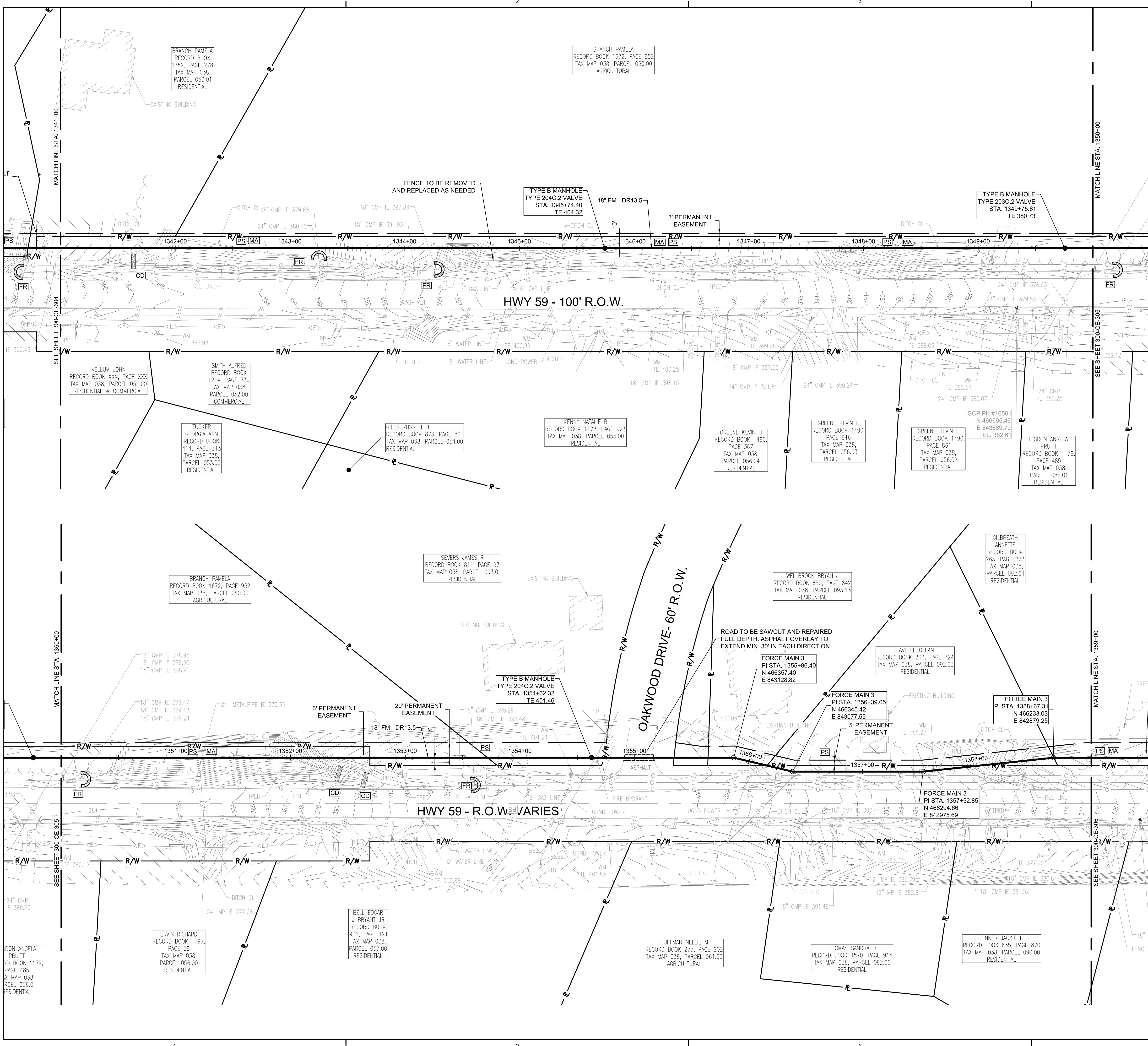
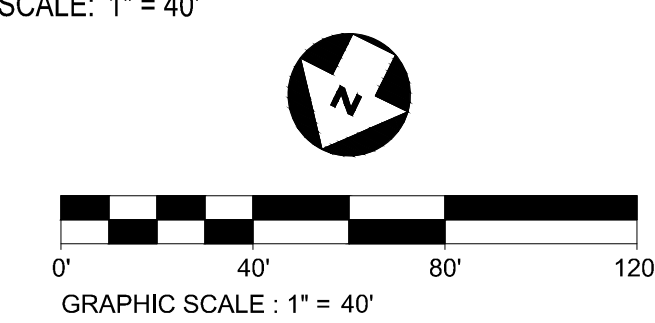
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1341+00.00 TO 1350+00.00
STA. 1350+00.00 TO 1359+00.00

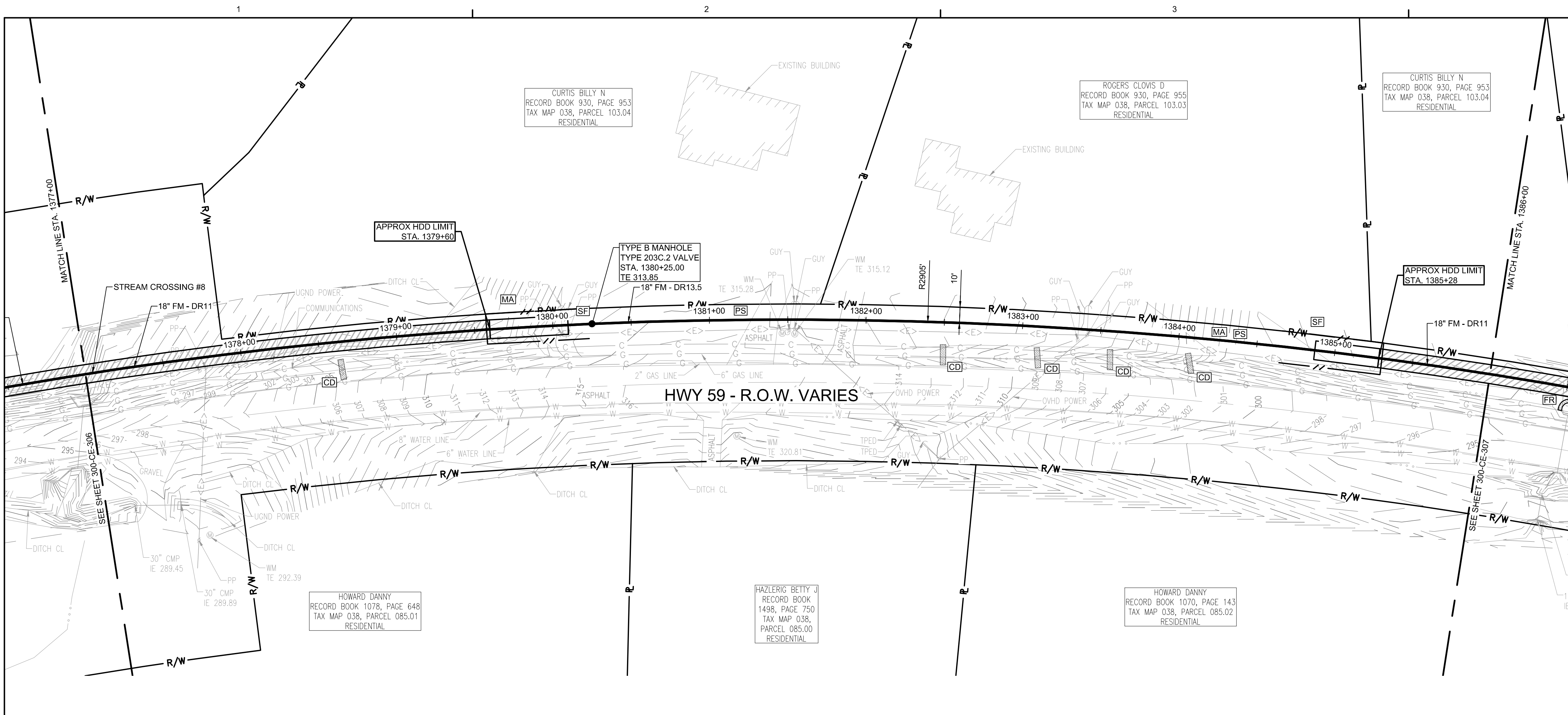
DRAWING NO:
300-CE-305



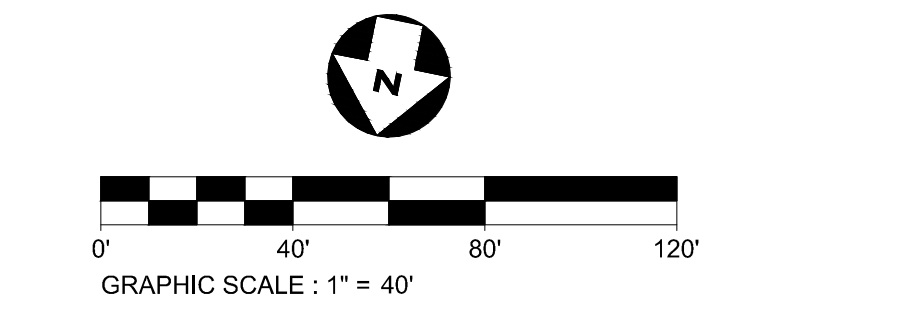
Know what's below.
 Call before you dig.

FORCE MAIN 3 - EPSC PLAN
STA. 1350+00.00 TO 1359+00.00
 SCALE: 1" = 40'

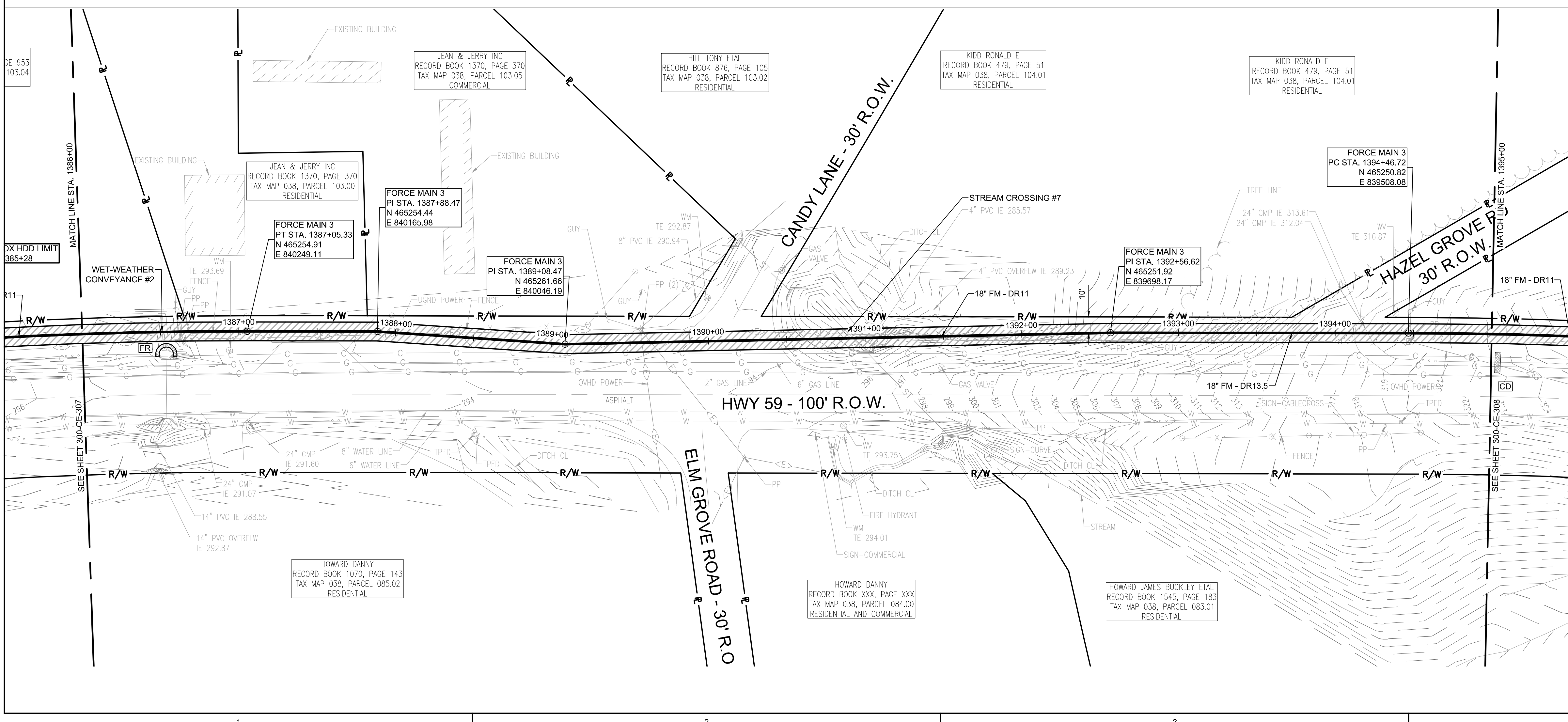




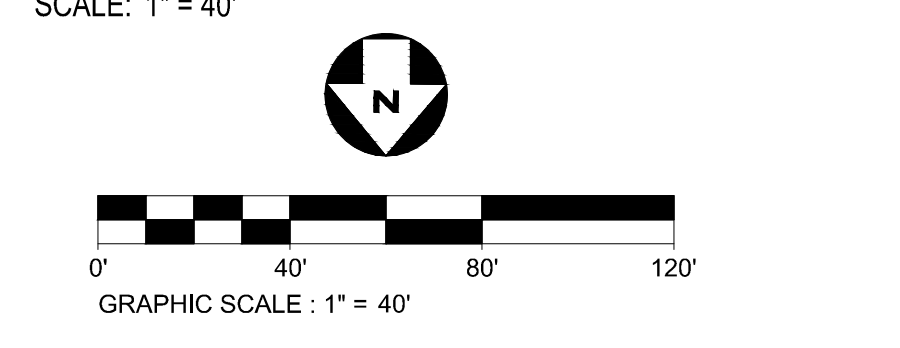
**FORCE MAIN 3 - EPSC PLAN
STA. 1377+00.00 TO 1386+00.00**



- EPSC LEGEND**
- PS DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SF SILTY FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CD CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FR FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - MA EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TP TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

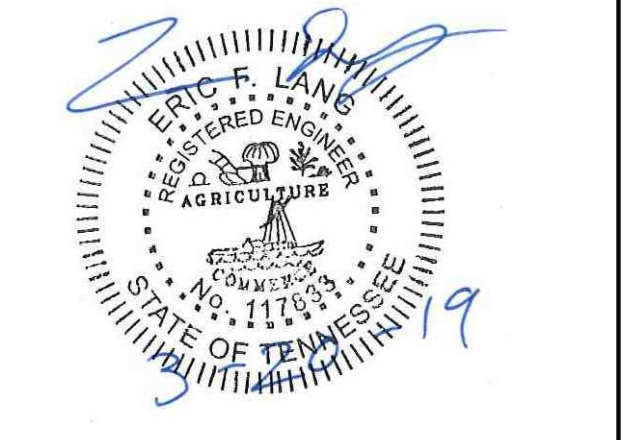


**FORCE MAIN 3 - EPSC PLAN
STA. 1386+00.00 TO 1395+00.00**



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
**FORCE MAIN
TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN**

CLIENT INFORMATION:

**STATE OF TN
SBC PROJECT
529/000-02-2010-17**

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

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320 Seven Springs Way, Suite 350
Brentwood, TN 37027
T 615-661-7385

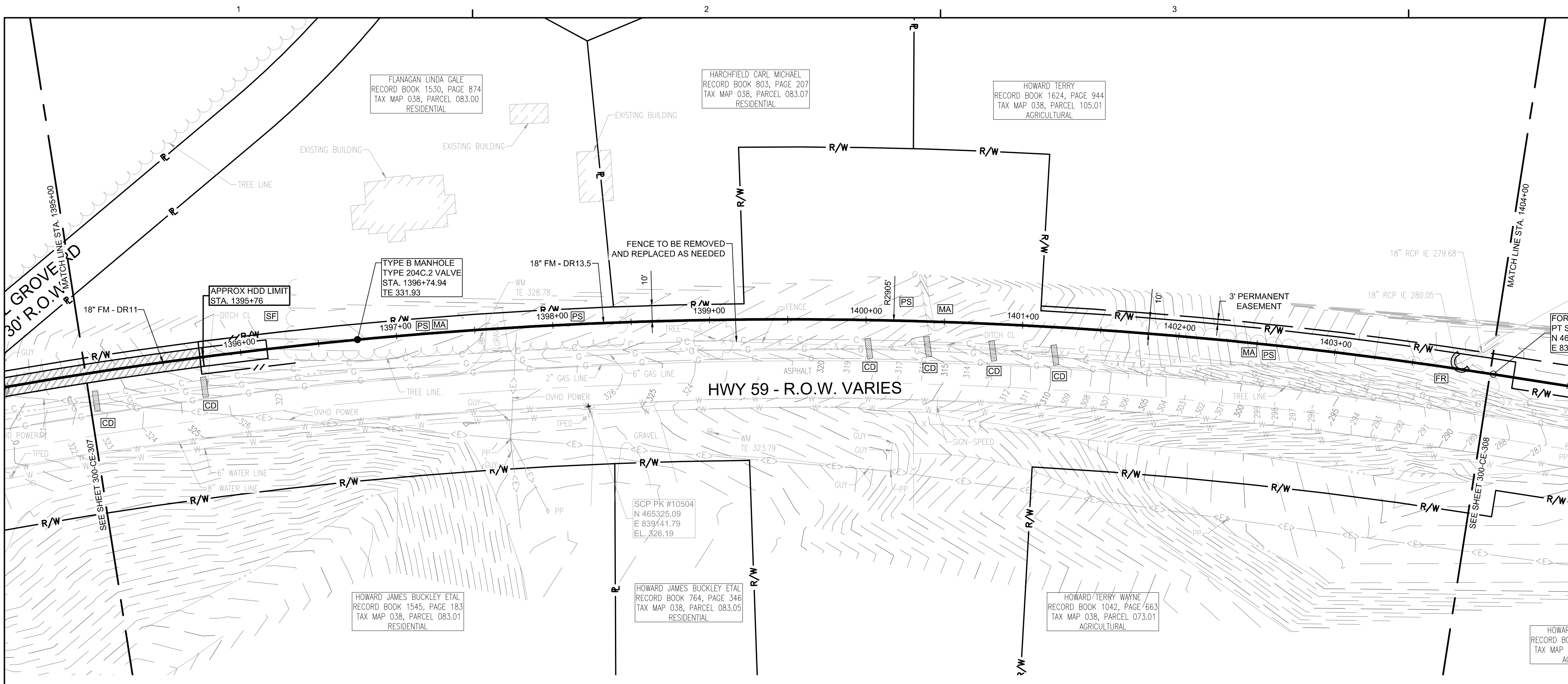
PROJECT NO: 012-02080-16
PROJECT MANAGER: D. HIBDON
DESIGNED: E. LANG
CHECKED: C. HARTMAN

DRAWING TITLE:
**FORCE MAIN 3 - EPSC PLAN
STA. 1377+00.00 TO 1386+00.00
STA. 1386+00.00 TO 1395+00.00**

DRAWING NO:
300-CE-307

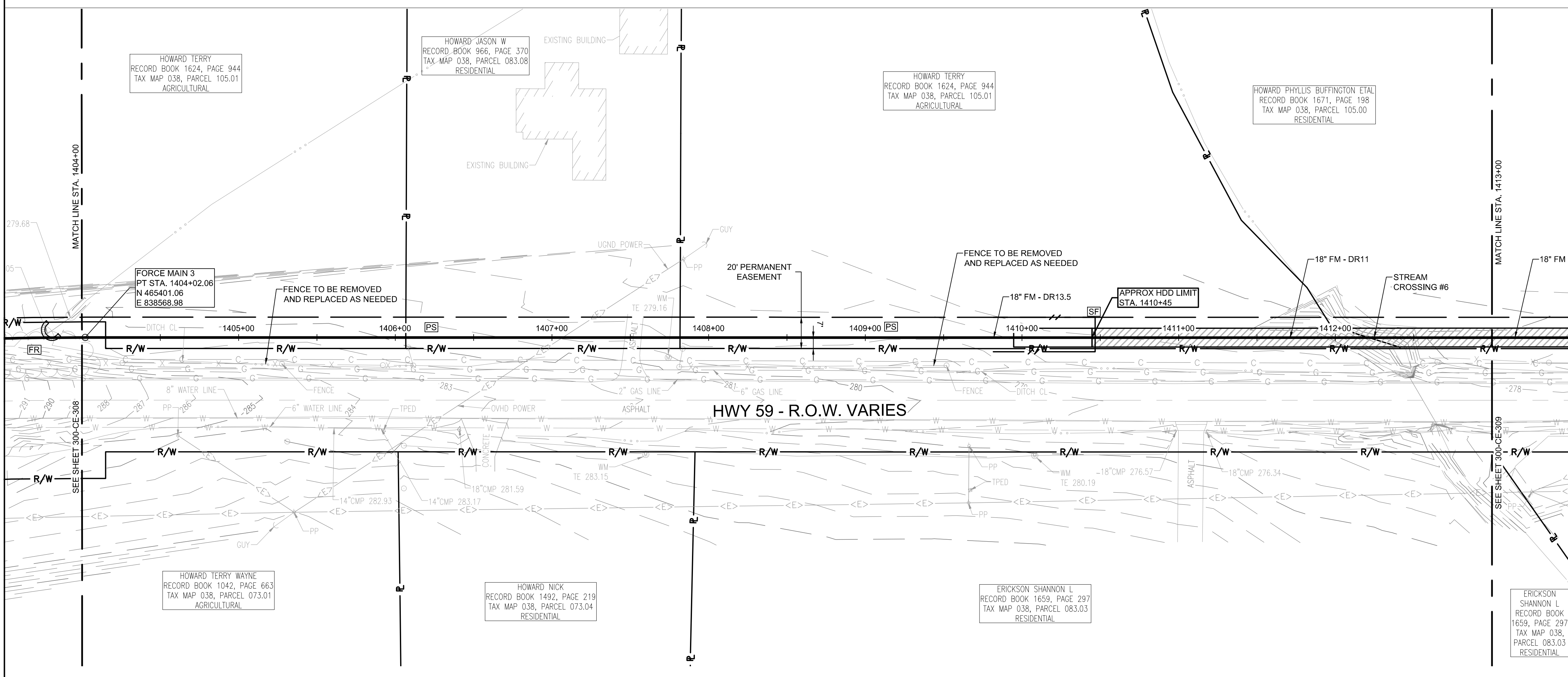


Know what's below.
Call before you dig.



FORCE MAIN 3 - EPSC PLAN
STA. 1395+00.00 TO 1404+00.00
 SCALE: 1" = 40'

- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

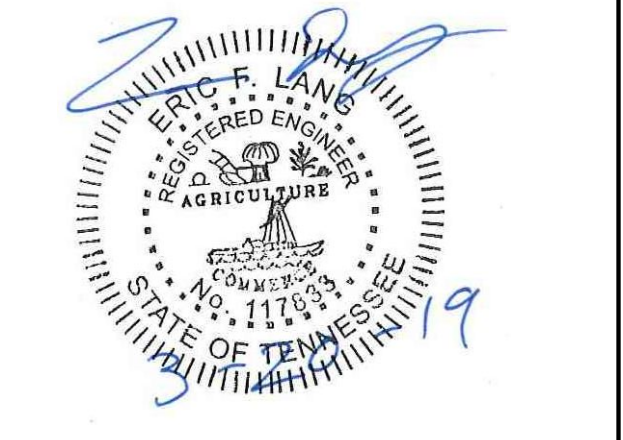


FORCE MAIN 3 - EPSC PLAN
STA. 1404+00.00 TO 1413+00.00
 SCALE: 1" = 40'



CONSULTANTS:

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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN



STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

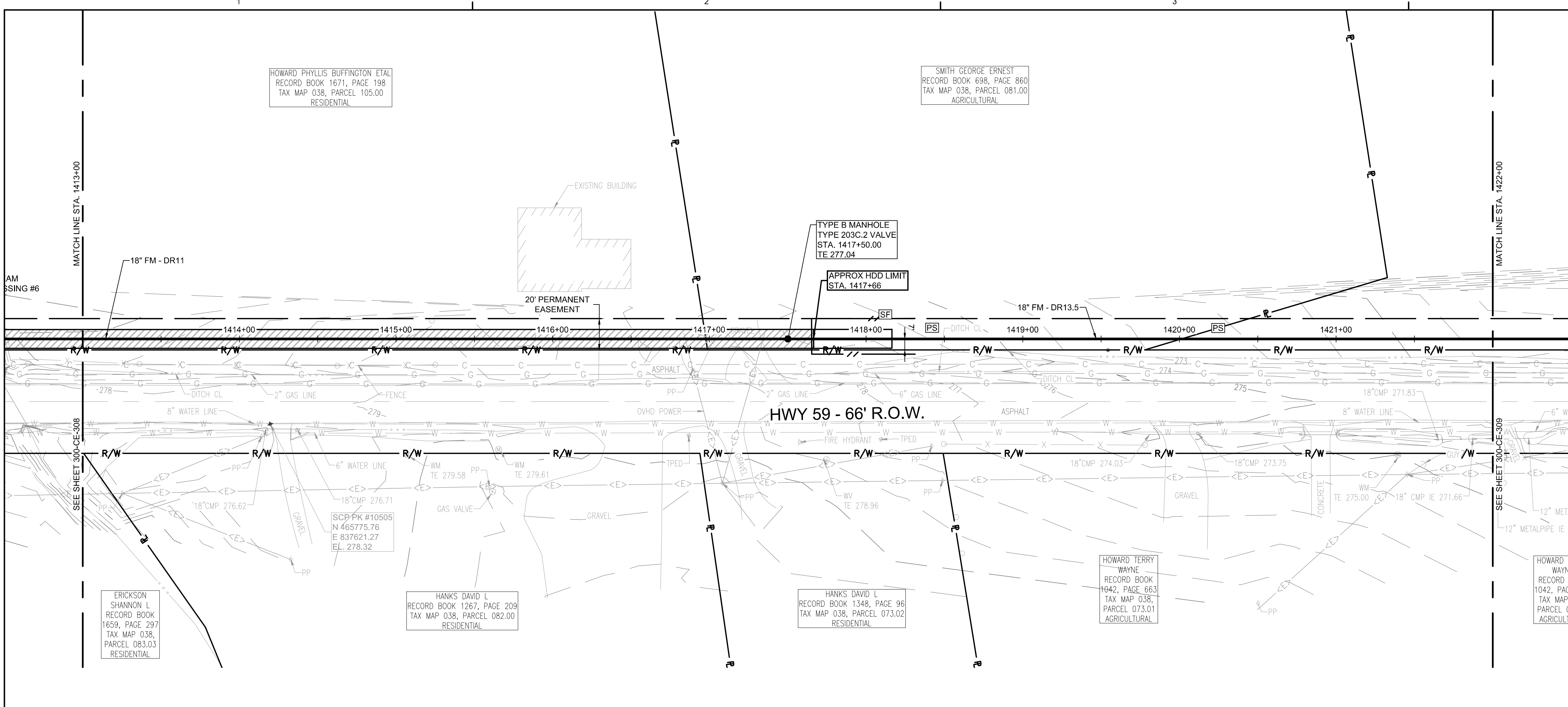
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1395+00.00 TO 1404+00.00
STA. 1404+00.00 TO 1413+00.00

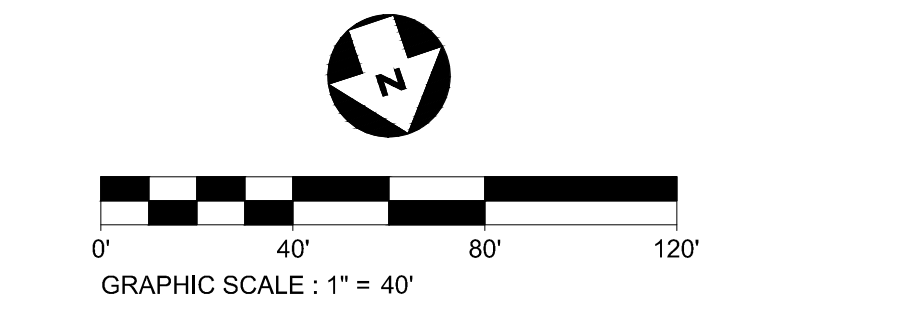
DRAWING NO:
300-CE-308



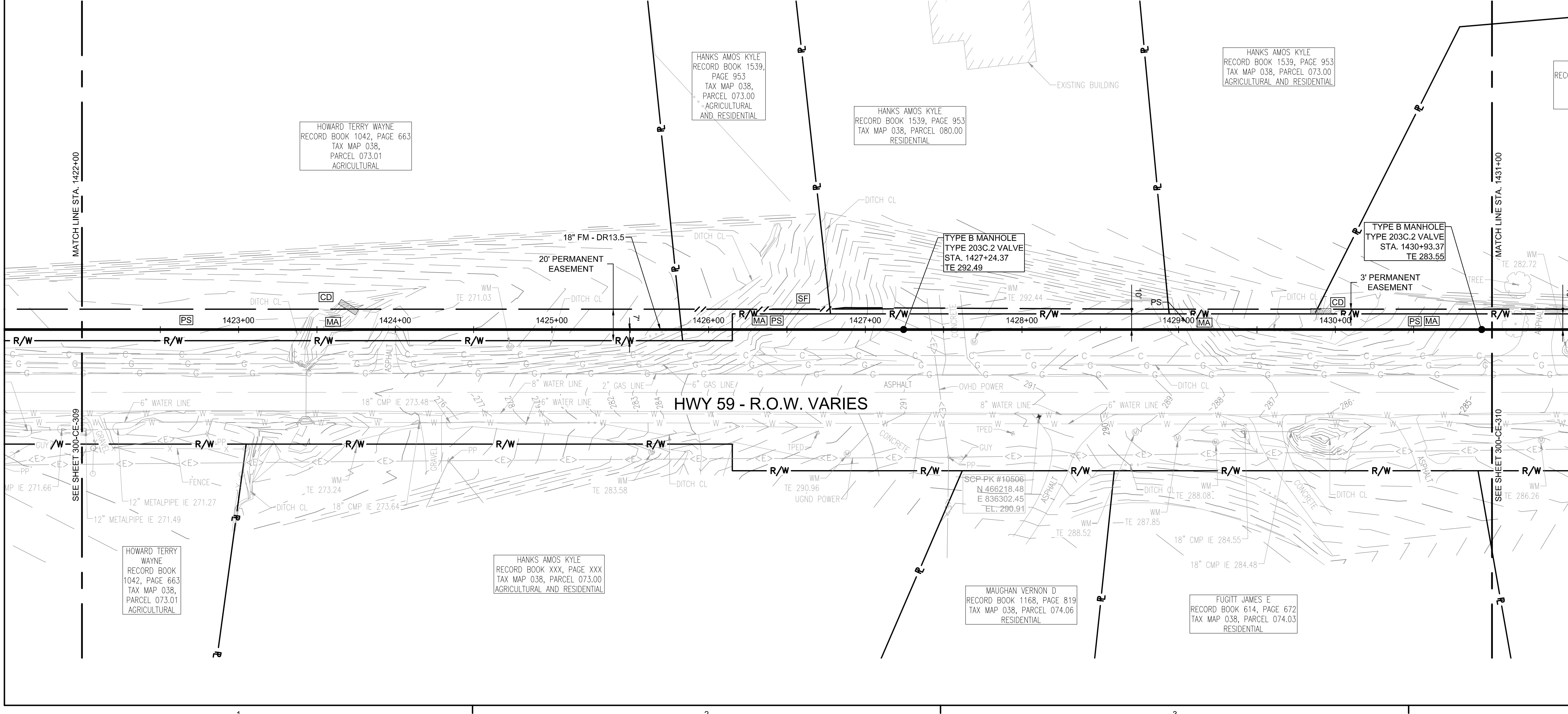
Know what's below.
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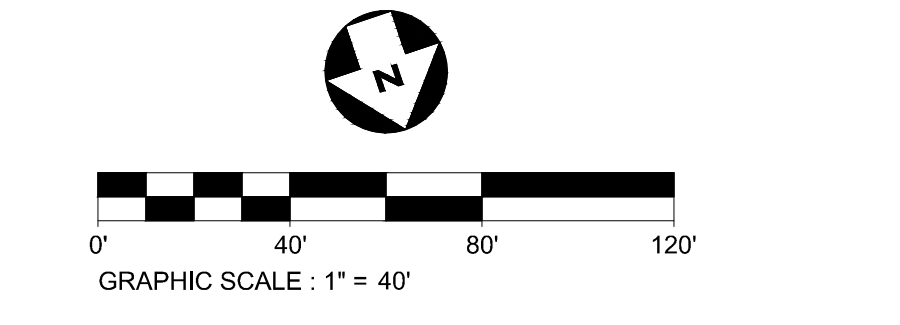
FORCE MAIN 3 - EPSC PLAN
STA. 1413+00.00 TO 1422+00.00



- EPSC LEGEND**
- PS DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SF SILTY FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CD CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FR FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - MA EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TP TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

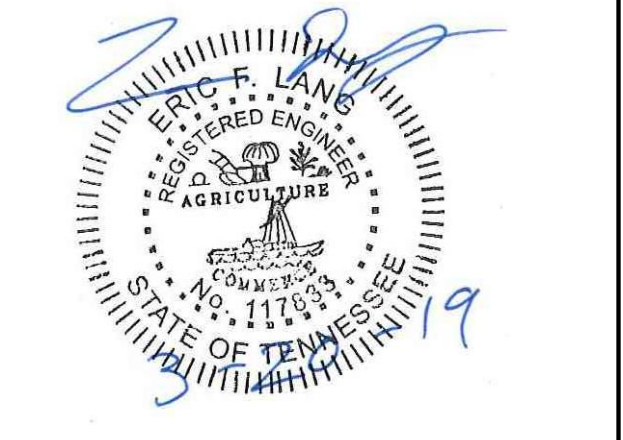


FORCE MAIN 3 - EPSC PLAN
STA. 1422+00.00 TO 1431+00.00



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
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C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7355

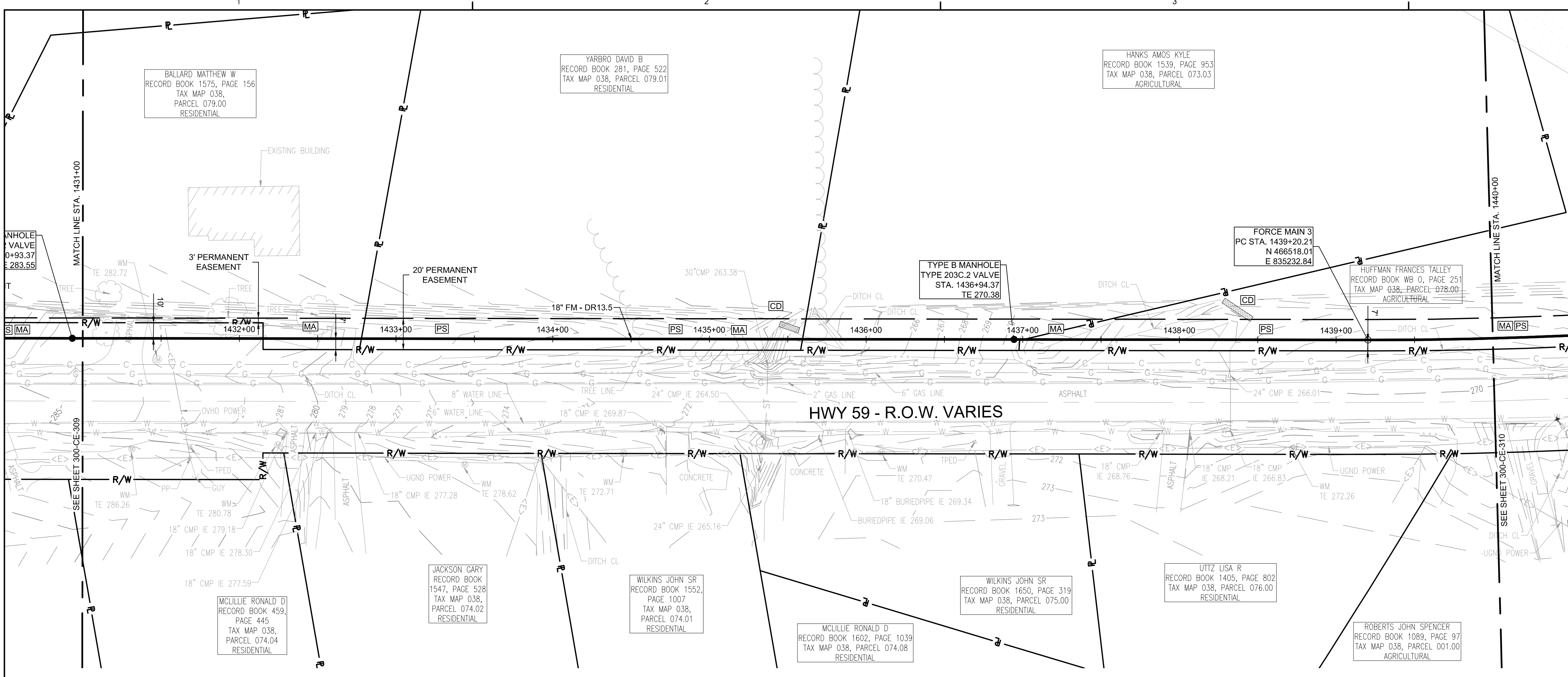
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1413+00.00 TO 1422+00.00
STA. 1422+00.00 TO 1431+00.00

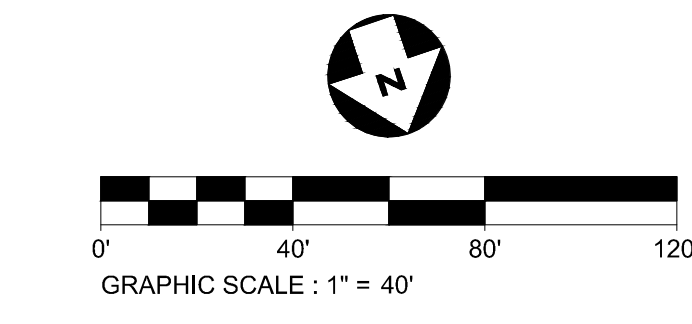
DRAWING NO:
300-CE-309



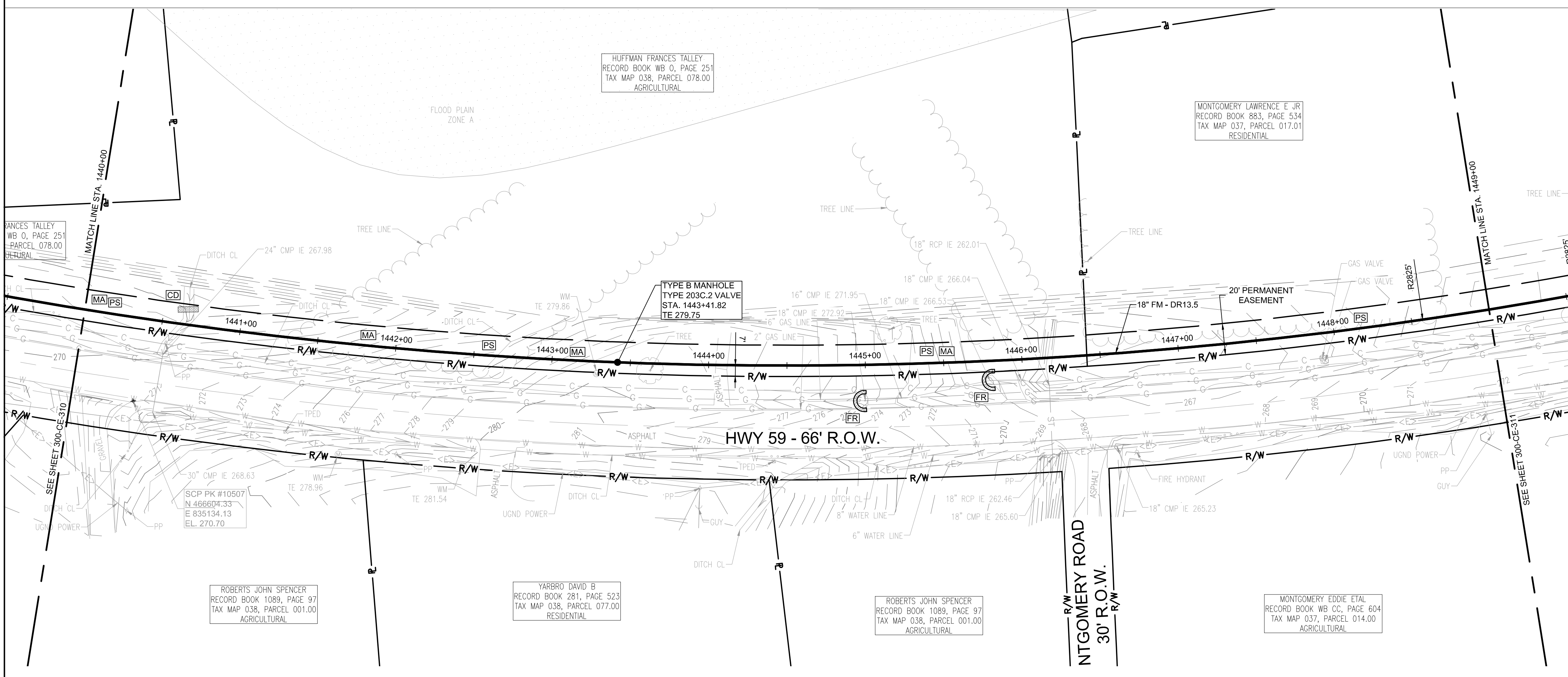
Know what's below.
 Call before you dig.



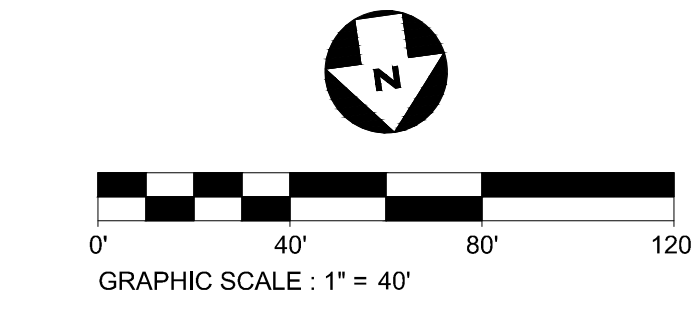
FORCE MAIN 3 - EPSC PLAN
STA. 1431+00.00 TO 1440+00.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

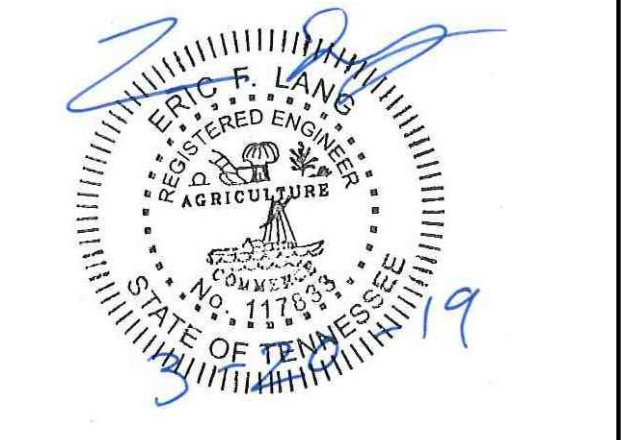


FORCE MAIN 3 - EPSC PLAN
STA. 1440+00.00 TO 1449+00.00



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7355

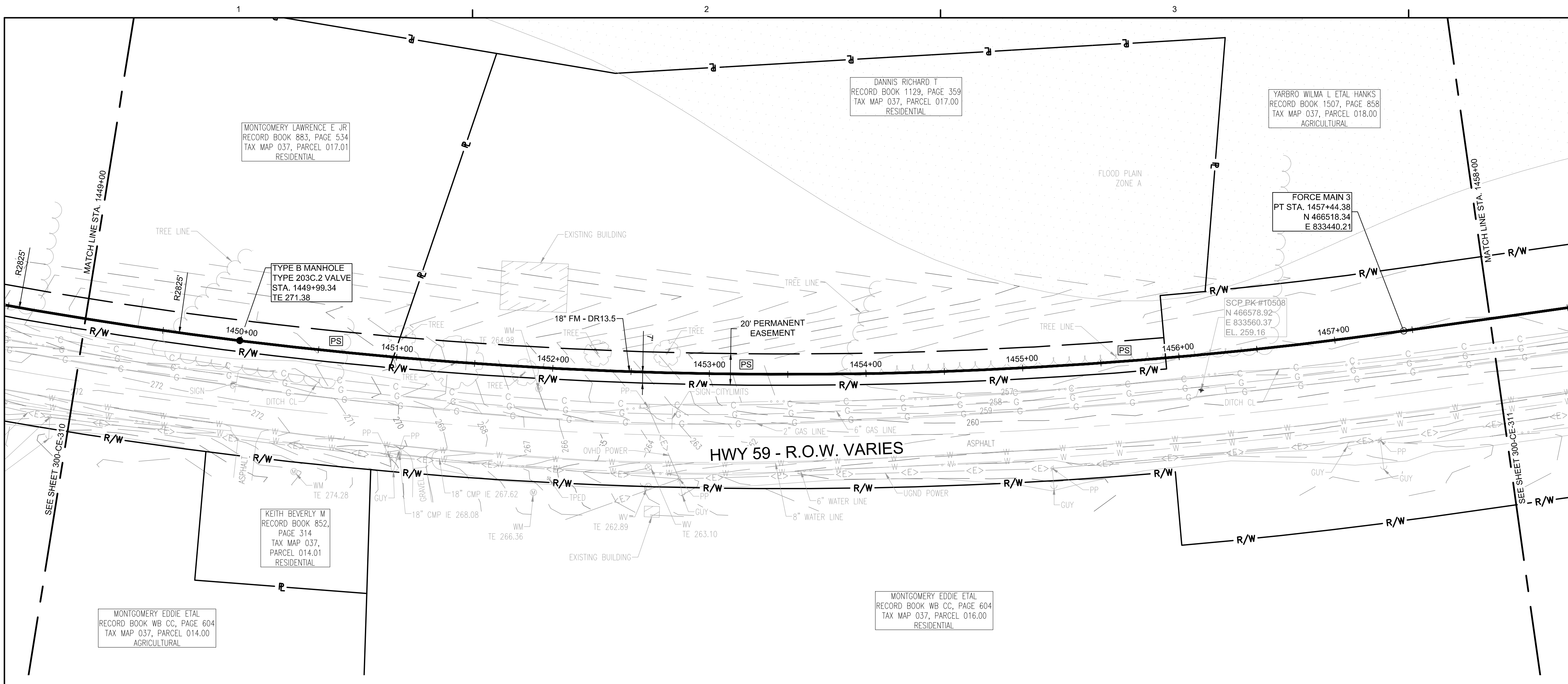
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1431+00.00 TO 1440+00.00
STA. 1440+00.00 TO 1449+00.00

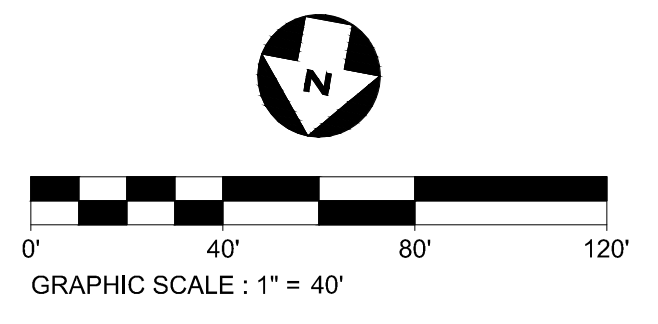
DRAWING NO:
300-CE-310



Know what's below.
 Call before you dig.



FORCE MAIN 3 - EPSC PLAN
STA. 1449+00.00 TO 1458+00.00
 SCALE: 1" = 40'

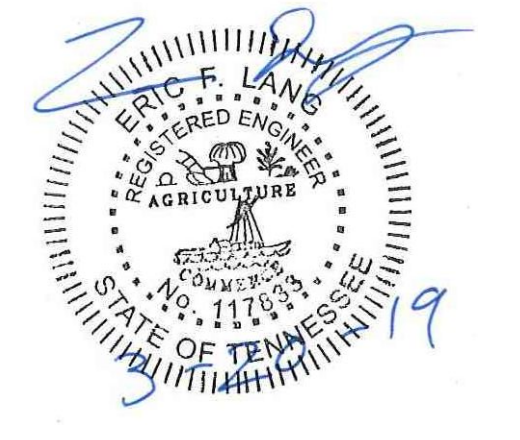


- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

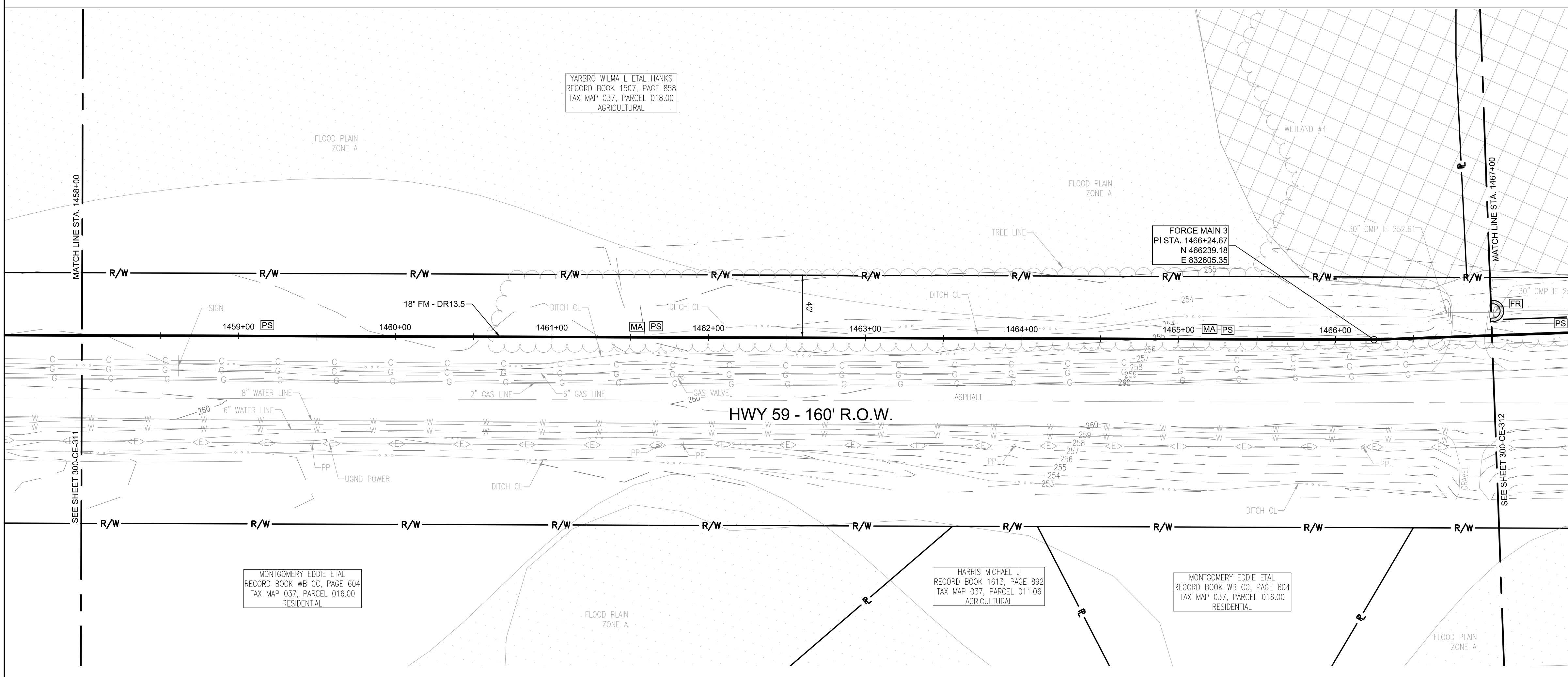


CONSULTANTS:

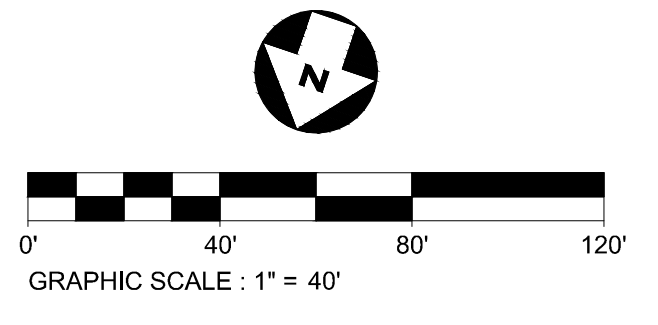
SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN



FORCE MAIN 3 - EPSC PLAN
STA. 1458+00.00 TO 1467+00.00
 SCALE: 1" = 40'



CLIENT INFORMATION:
STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
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C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

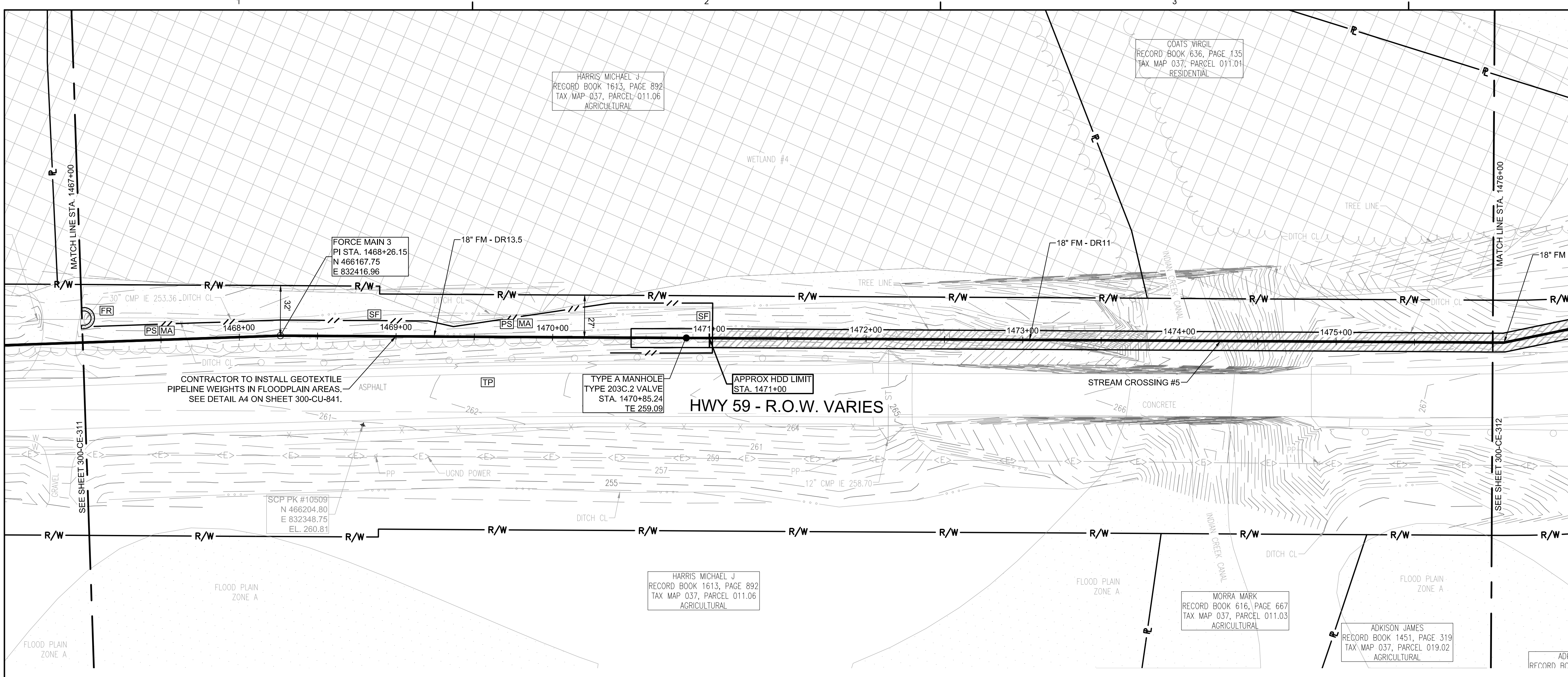
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1449+00.00 TO 1458+00.00
 STA. 1458+00.00 TO 1467+00.00

DRAWING NO:
300-CE-311

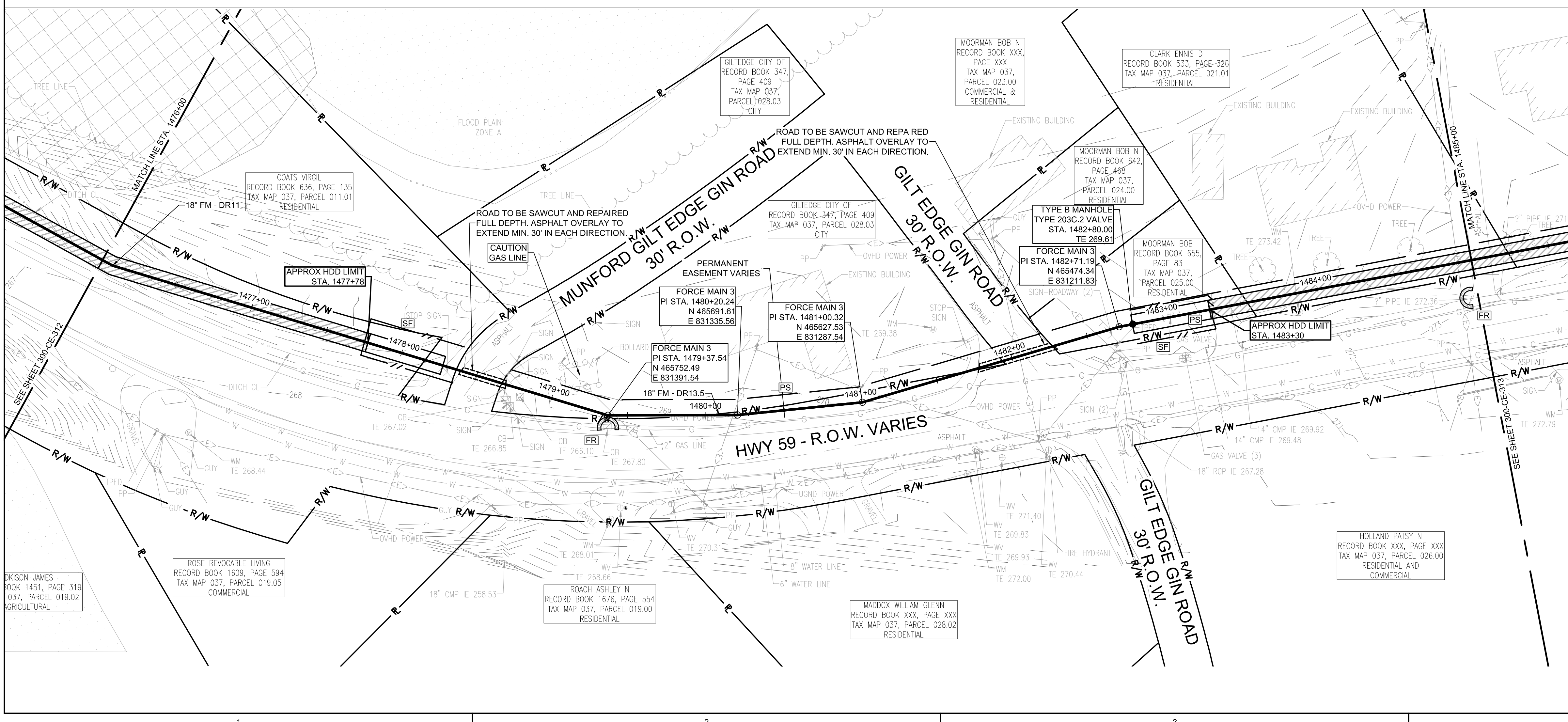


Know what's below.
 Call before you dig.



FORCE MAIN 3 - EPSC PLAN
STA. 1467+00.00 TO 1476+00.00
 SCALE: 1" = 40'

- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILTY FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

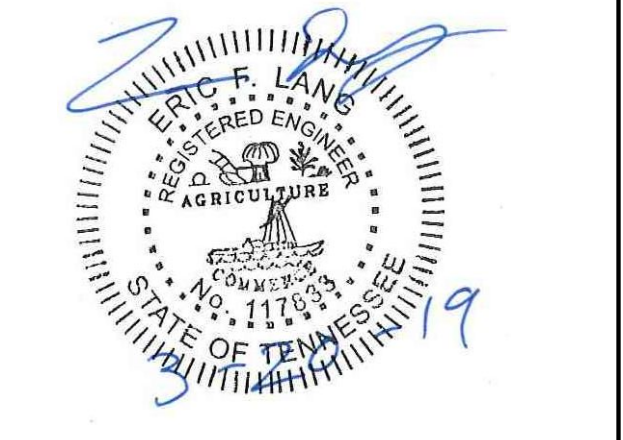


FORCE MAIN 3 - EPSC PLAN
STA. 1476+00.00 TO 1485+00.00
 SCALE: 1" = 40'



CONSULTANTS:

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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
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C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

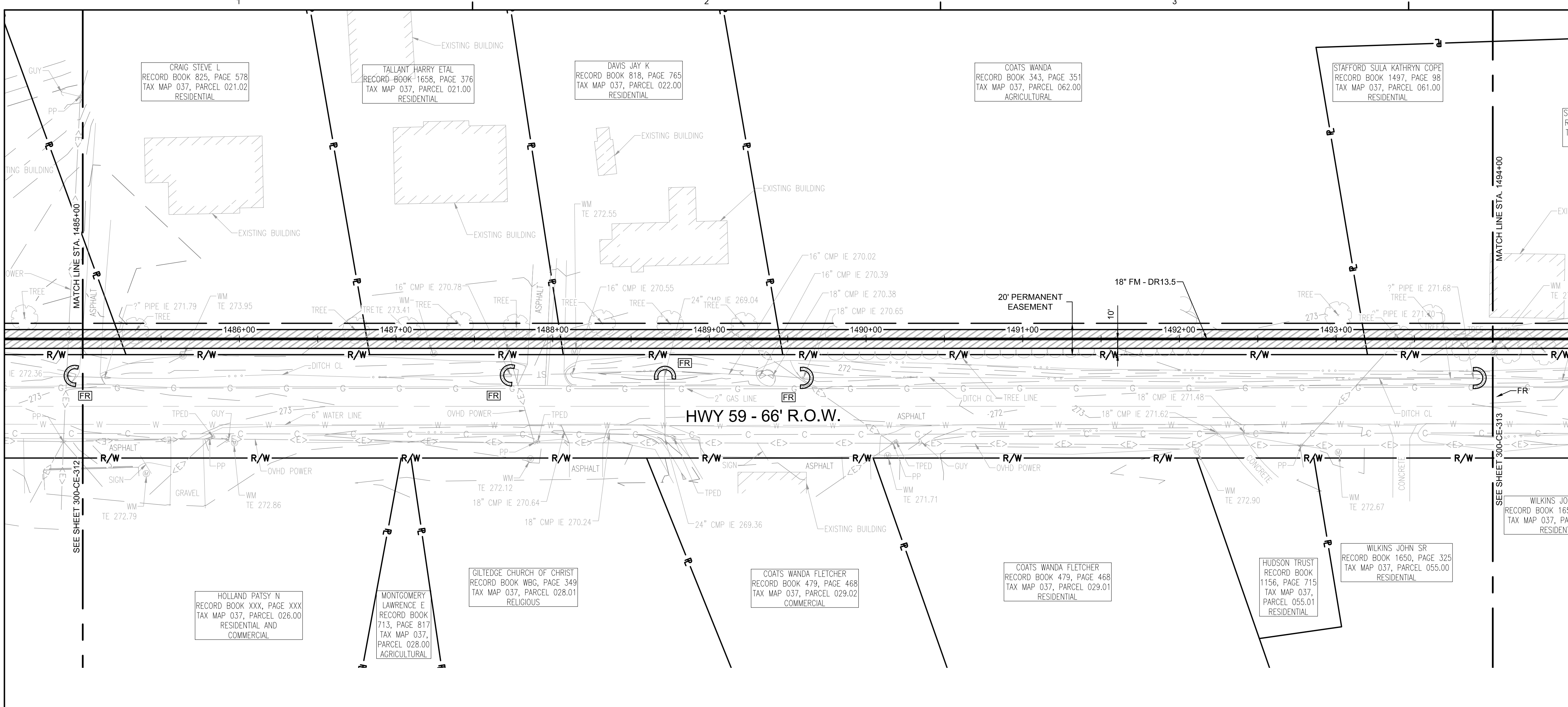
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1467+00.00 TO 1476+00.00
STA. 1476+00.00 TO 1485+00.00

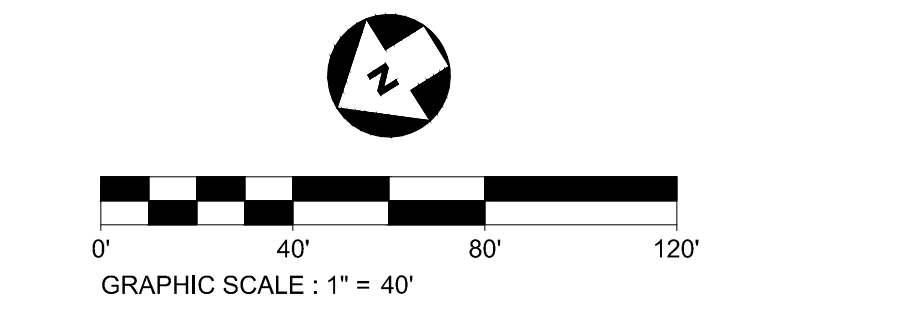
DRAWING NO:
300-CE-312



Know what's below.
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FORCE MAIN 3 - EPSC PLAN
STA. 1485+00.00 TO 1494+00.00

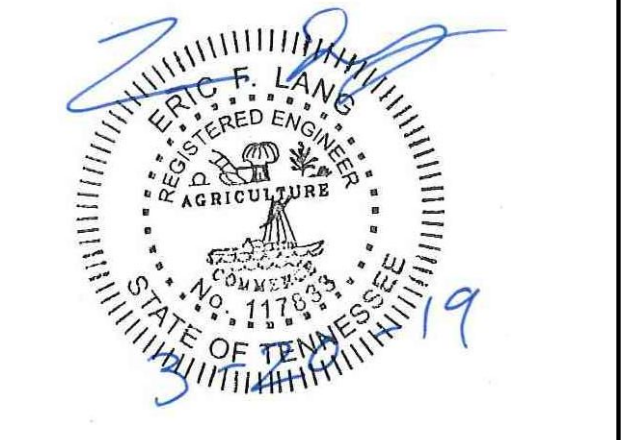


- EPSC LEGEND**
- PS DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - FR FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - MA EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TP TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.
 - CD CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - SL SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.

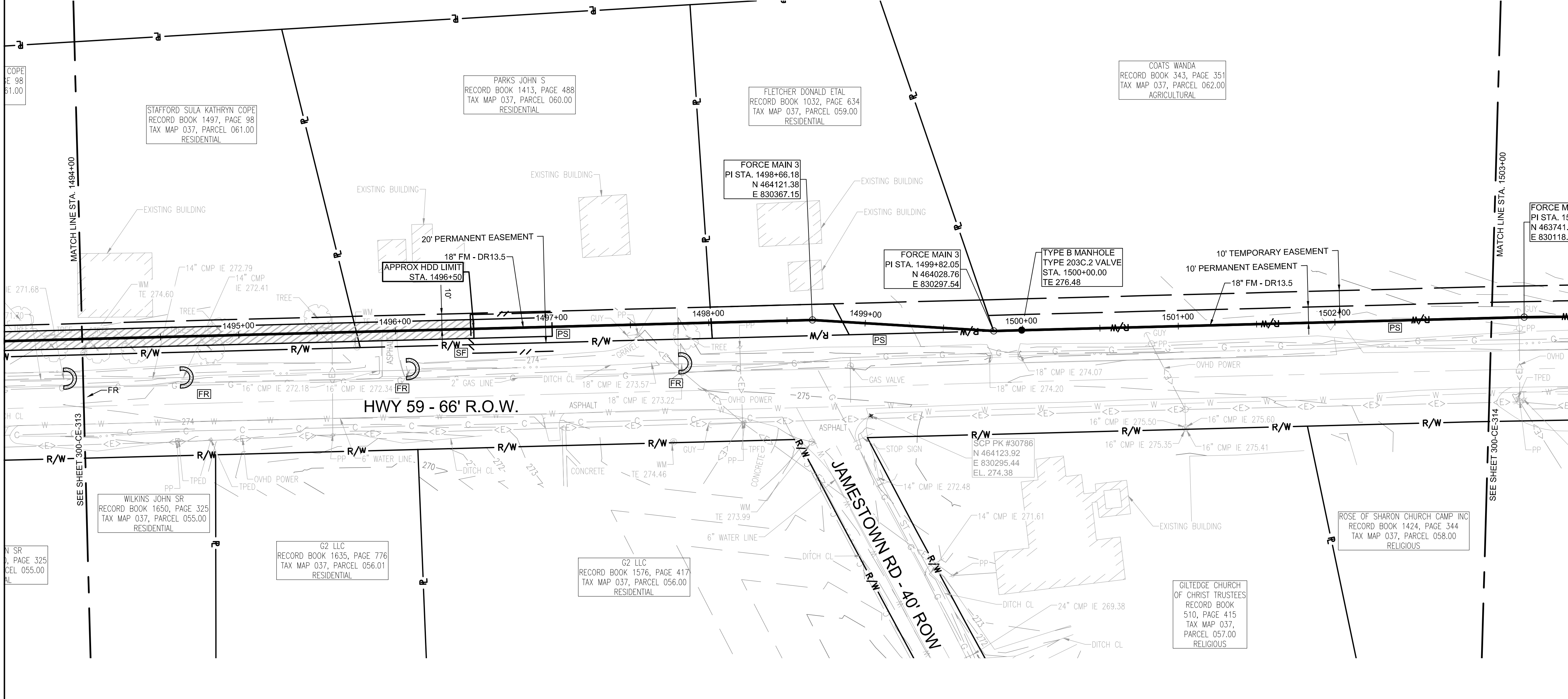


CONSULTANTS:

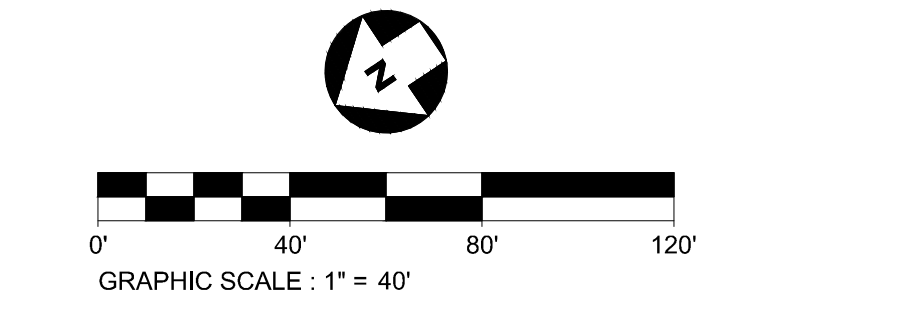
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HAYWOOD COUNTY, TN



FORCE MAIN 3 - EPSC PLAN
STA. 1494+00.00 TO 1503+00.00



STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

NO. DATE SUBJECT
 REVISION OR ISSUE

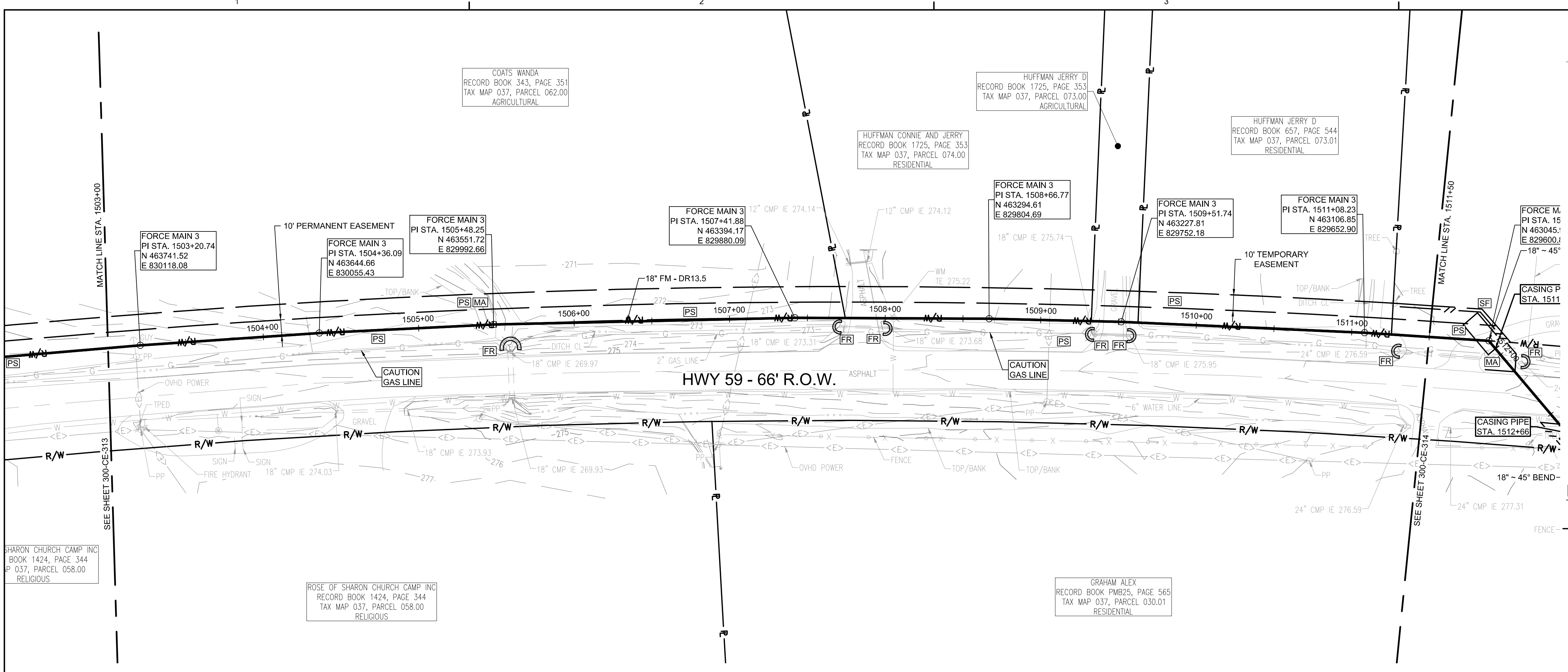
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1485+00.00 TO 1494+00.00
STA. 1494+00.00 TO 1503+00.00

DRAWING NO:
300-CE-313



Know what's below.
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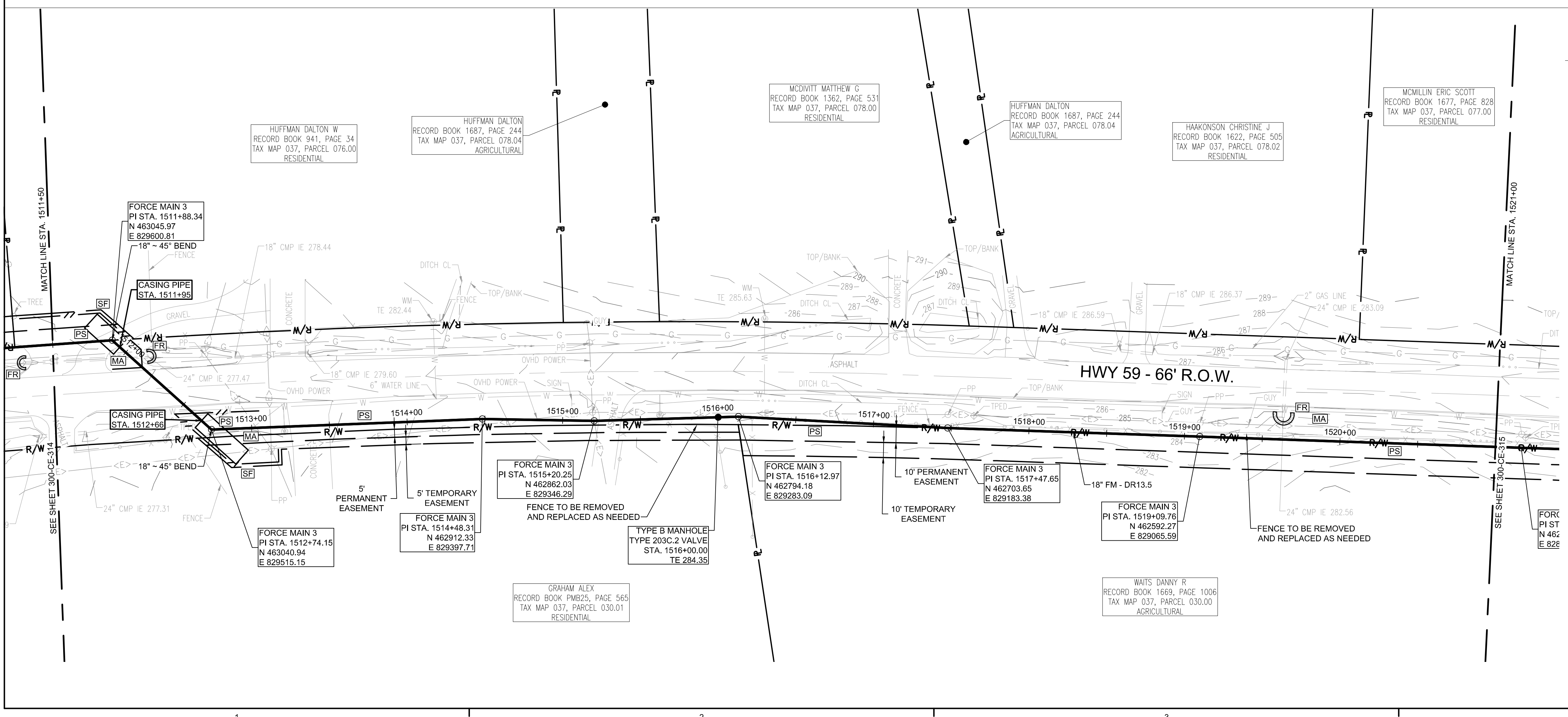


FORCE MAIN 3 - EPSC PLAN
STA. 1503+00.00 TO 1511+50.00
 SCALE: 1" = 40'

GRAPHIC SCALE: 1" = 40'

EPSC LEGEND

- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
- SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
- CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
- FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
- EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
- TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.



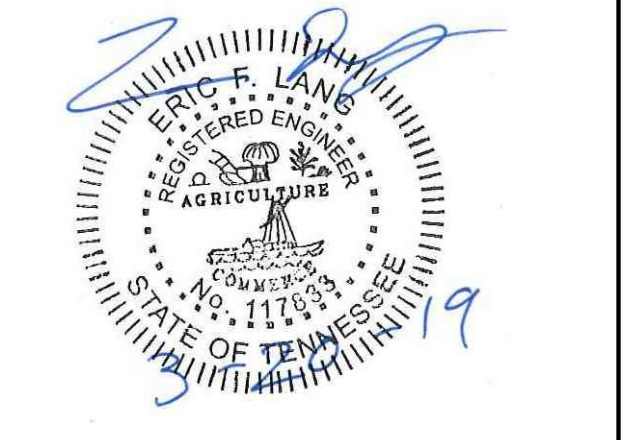
FORCE MAIN 3 - EPSC PLAN
STA. 1511+50.00 TO 1521+00.00
 SCALE: 1" = 40'

GRAPHIC SCALE: 1" = 40'



CONSULTANTS:

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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

REVISION OR ISSUE

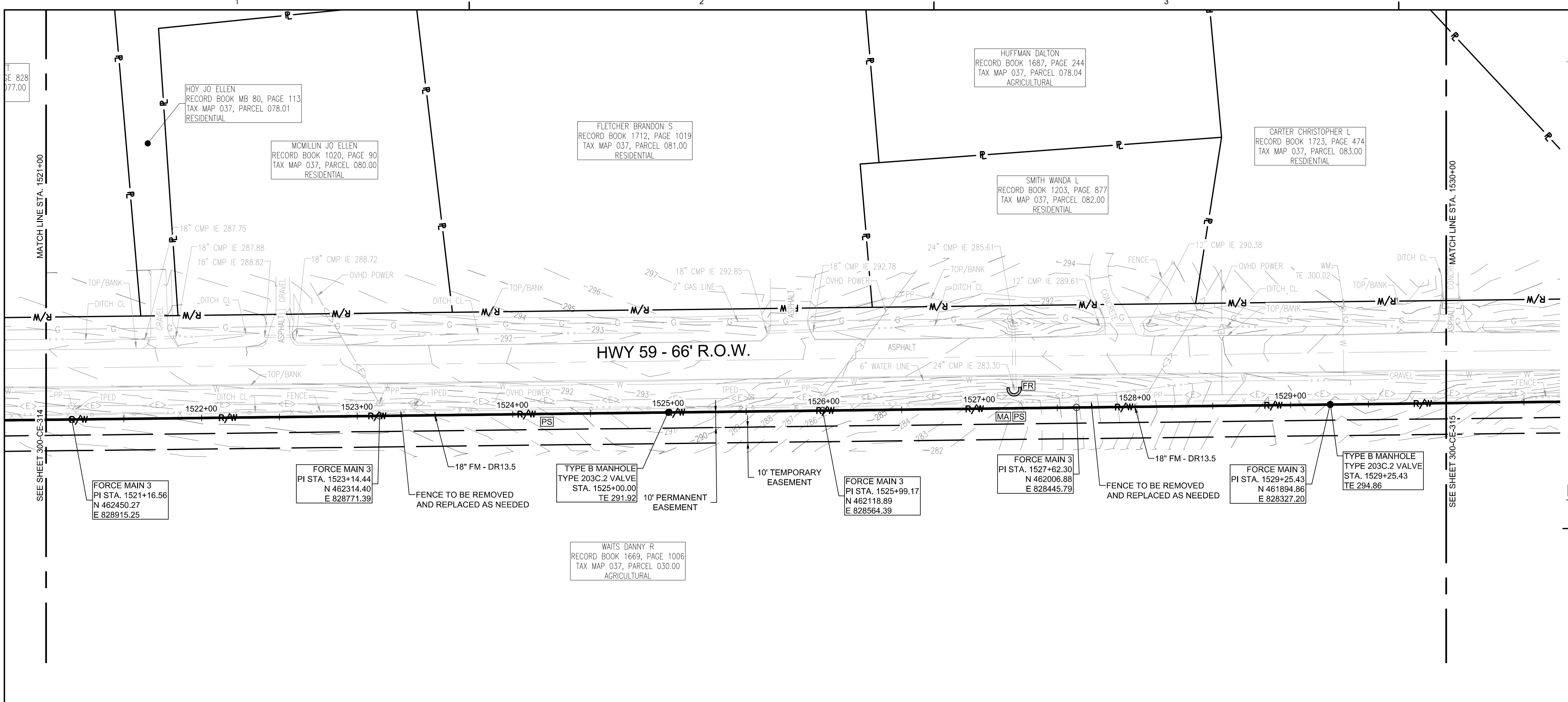
SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7355

PROJECT NO: **012-02080-16**
 PROJECT MANAGER: **D. HIBDON**
 DESIGNED: **E. LANG**
 CHECKED: **C. HARTMAN**

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1503+00.00 TO 1511+50.00
STA. 1511+50.00 TO 1521+00.00

DRAWING NO:
300-CE-314

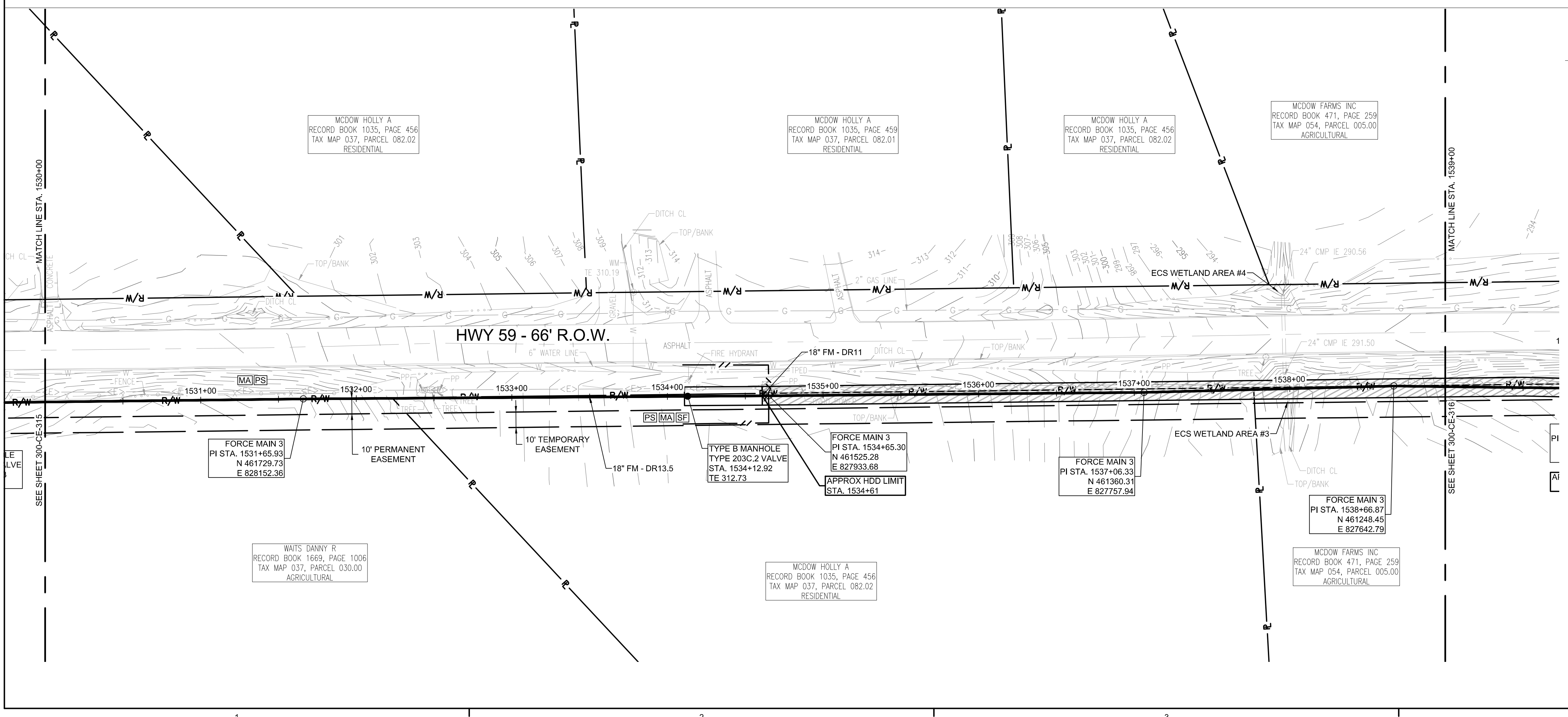




FORCE MAIN 3 - EPSC PLAN
STA. 1521+00.00 TO 1530+00.00
 SCALE: 1" = 40'

EPSC LEGEND

- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
- SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
- CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
- FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
- EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
- TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

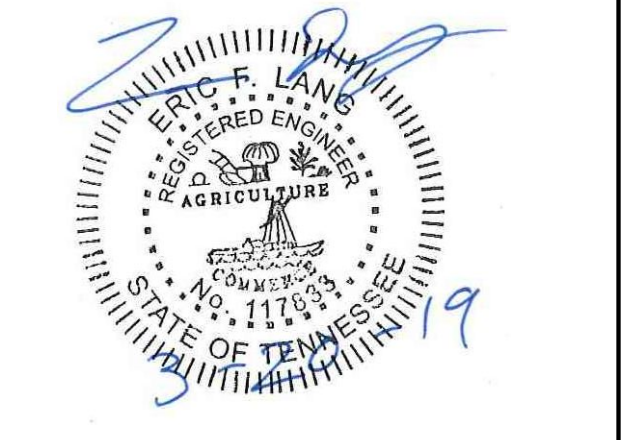


FORCE MAIN 3 - EPSC PLAN
STA. 1530+00.00 TO 1539+00.00
 SCALE: 1" = 40'



CONSULTANTS:

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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN

CLIENT INFORMATION:
STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

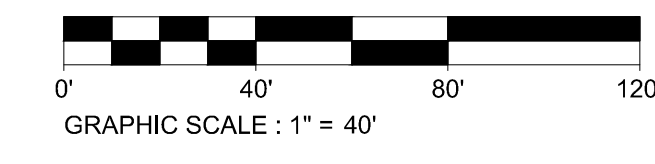
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1521+00.00 TO 1530+00.00
 STA. 1530+00.00 TO 1539+00.00

DRAWING NO:
300-CE-315



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FORCE MAIN 3 - EPSC PLAN
STA. 1539+00.00 TO 1548+00.00
 SCALE: 1" = 40'



MCDOW FARMS INC
 RECORD BOOK 471, PAGE 259
 TAX MAP 054, PARCEL 005.00
 AGRICULTURAL

STURDIVANT RD.

HWY 59 - 66' R.O.W.

FORCE MAIN 3
 PI STA. 1540+27.26
 N 461141.25
 E 827923.49

APPROX HDD LIMIT
 STA. 1540+27

FORCE MAIN 3
 PI STA. 1540+69.68
 N 461109.35
 E 827495.53

TYPE B MANHOLE
 TYPE 204C.2 VALVE
 STA. 1540+60.00
 TE 307.34

FORCE MAIN 3
 PI STA. 1542+97.52
 N 460955.53
 E 827327.47

FORCE MAIN 3
 PI STA. 1544+90.58
 N 460833.90
 E 827177.54

TYPE B MANHOLE
 TYPE 203C.2 VALVE
 STA. 1546+00.00
 TE 326.00

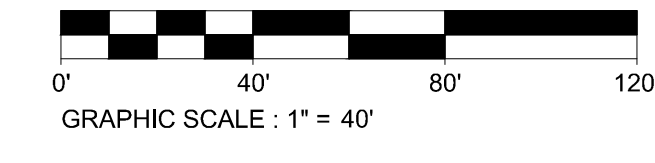
FORCE MAIN 3
 PI STA. 1546+91.71
 N 460706.84
 E 827021.63

MCDOW FARMS INC
 RECORD BOOK 471, PAGE 259
 TAX MAP 054, PARCEL 005.00
 AGRICULTURAL

EPSC LEGEND

- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
- SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
- CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
- FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
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- TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

FORCE MAIN 3 - EPSC PLAN
STA. 1548+00.00 TO 1557+00.00
 SCALE: 1" = 40'



OSBOURN THOMAS LARRY
 RECORD BOOK 539, PAGE 20
 TAX MAP 054, PARCEL 004.03
 RESIDENTIAL

CLIMER JOSHUA
 RECORD BOOK 1750, PAGE 486
 TAX MAP 054, PARCEL 004.05
 RESIDENTIAL

EMBRY RONALD AND ETUX DEBORAH A
 RECORD BOOK 858, PAGE 697
 TAX MAP 054, PARCEL 004.02
 RESIDENTIAL

TAYLOR DONALD A
 RECORD BOOK 1577, PAGE 730
 TAX MAP 054, PARCEL 004.01
 TYPE

EMBRY RONALD AND ETI
 RECORD BOOK 858,
 TAX MAP 054, PARC
 RESIDENTIA

HWY 59 - 66' R.O.W.

FORCE MAIN 3
 PI STA. 1549+26.18
 N 460570.53
 E 826830.85

FORCE MAIN 3
 PI STA. 1551+56.60
 N 460438.62
 E 826641.92

FORCE MAIN 3
 PI STA. 1553+61.32
 N 460332.07
 E 826467.11

FORCE MAIN 3
 PI STA. 1554+64.61
 N 460274.59
 E 826381.29

MCDOW FARMS INC
 RECORD BOOK 471, PAGE 259
 TAX MAP 054, PARCEL 005.00
 AGRICULTURAL

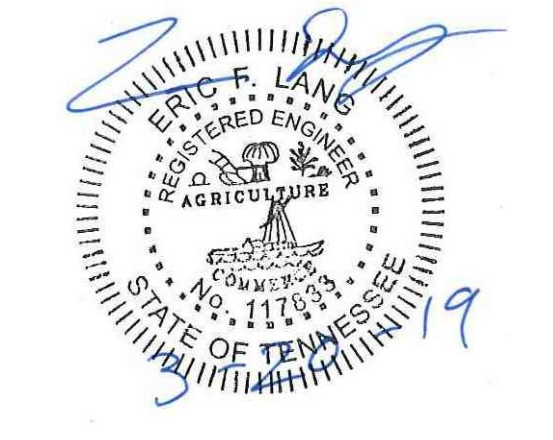


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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

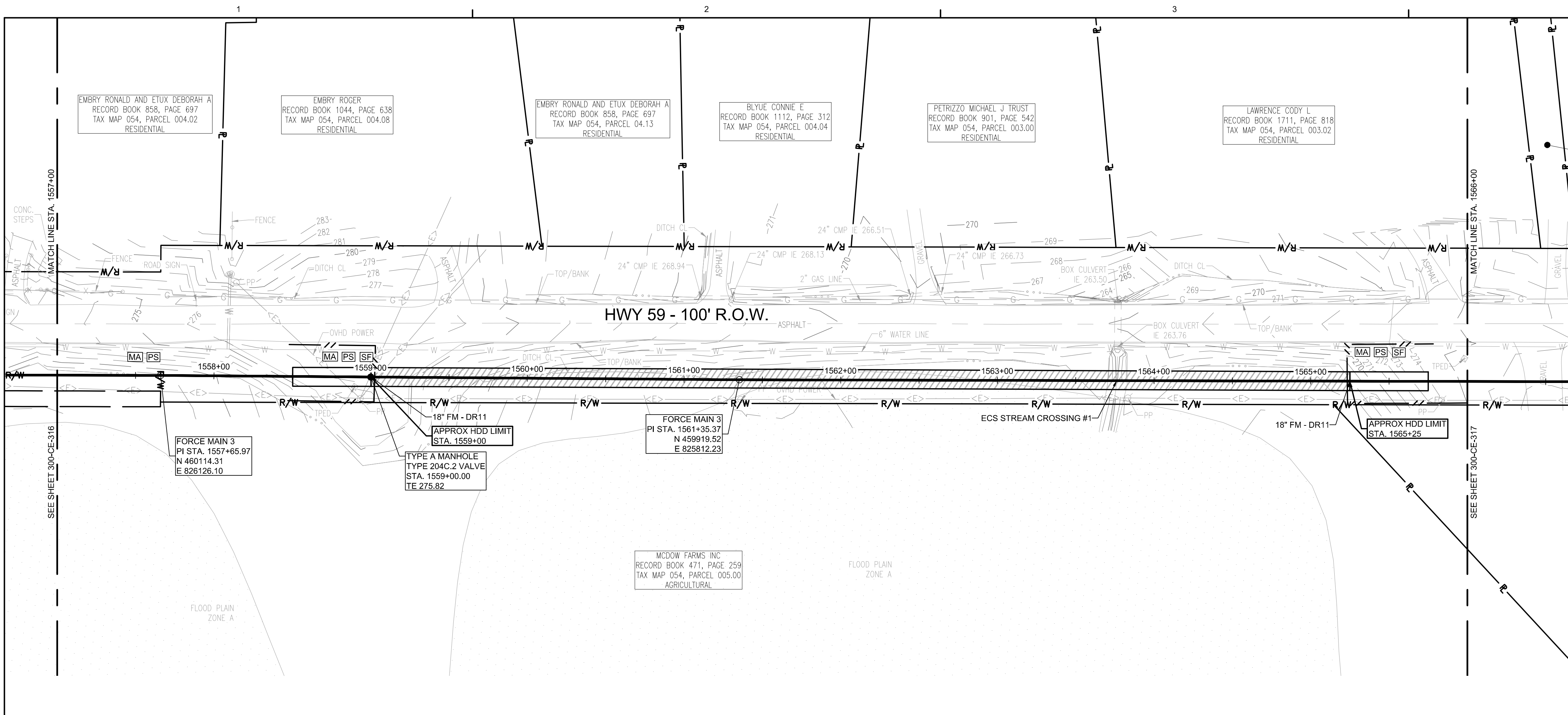
NO.	DATE	SUBJECT
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D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1539+00.00 TO 1548+00.00
STA. 1548+00.00 TO 1557+00.00

DRAWING NO:
300-CE-316



FORCE MAIN 3 - EPSC PLAN
STA. 1557+00.00 TO 1566+00.00
 SCALE: 1" = 40'

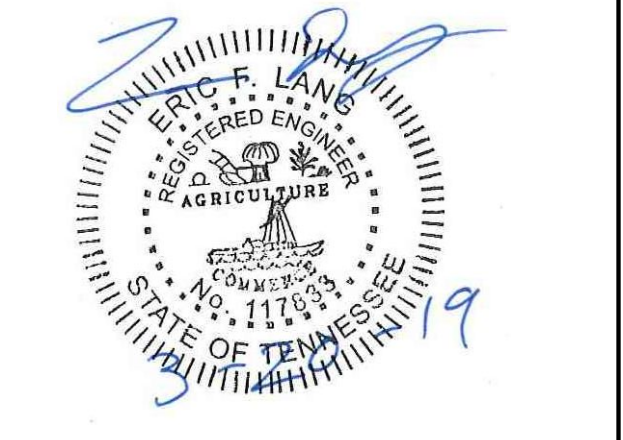
GRAPHIC SCALE: 1" = 40'

- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

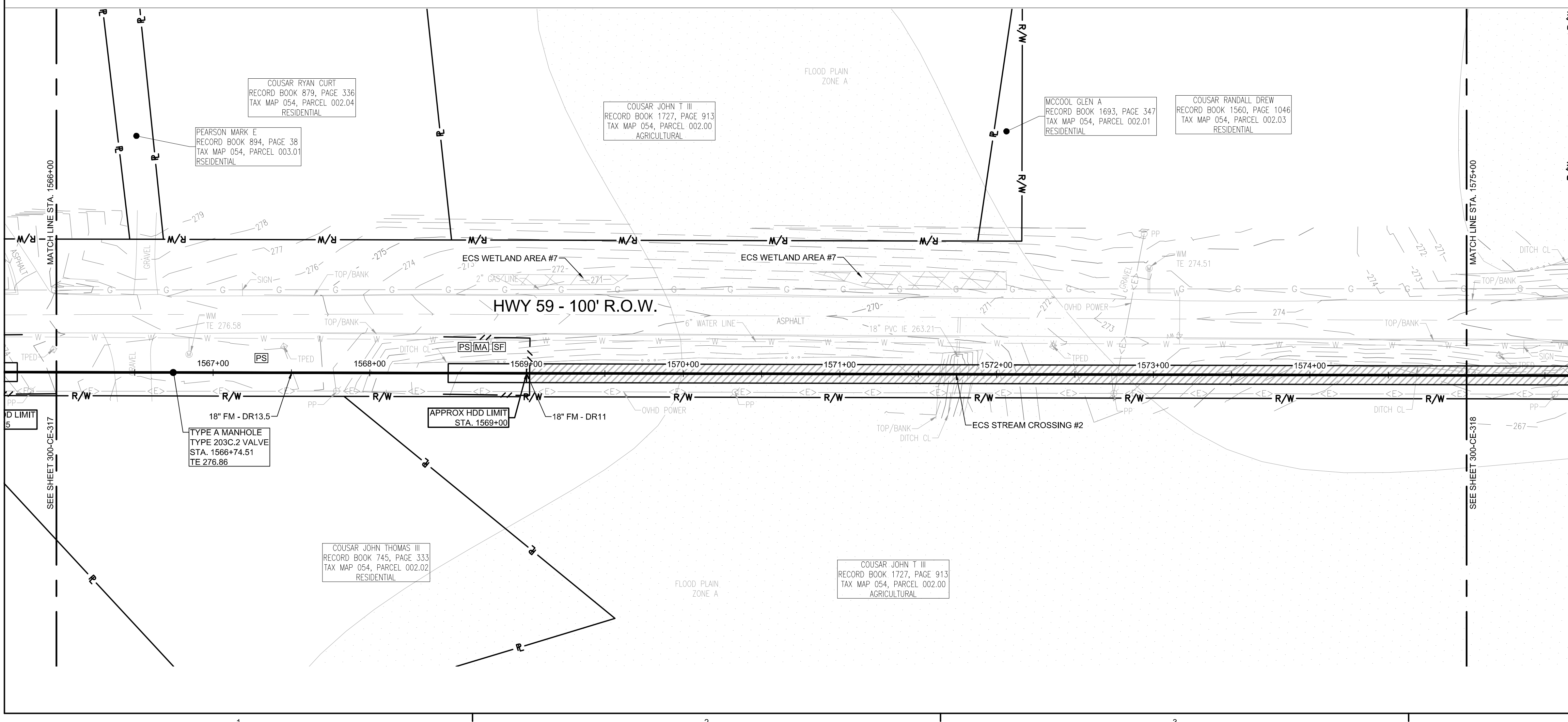


CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN



FORCE MAIN 3 - EPSC PLAN
STA. 1566+00.00 TO 1575+00.00
 SCALE: 1" = 40'

GRAPHIC SCALE: 1" = 40'

CLIENT INFORMATION:



STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

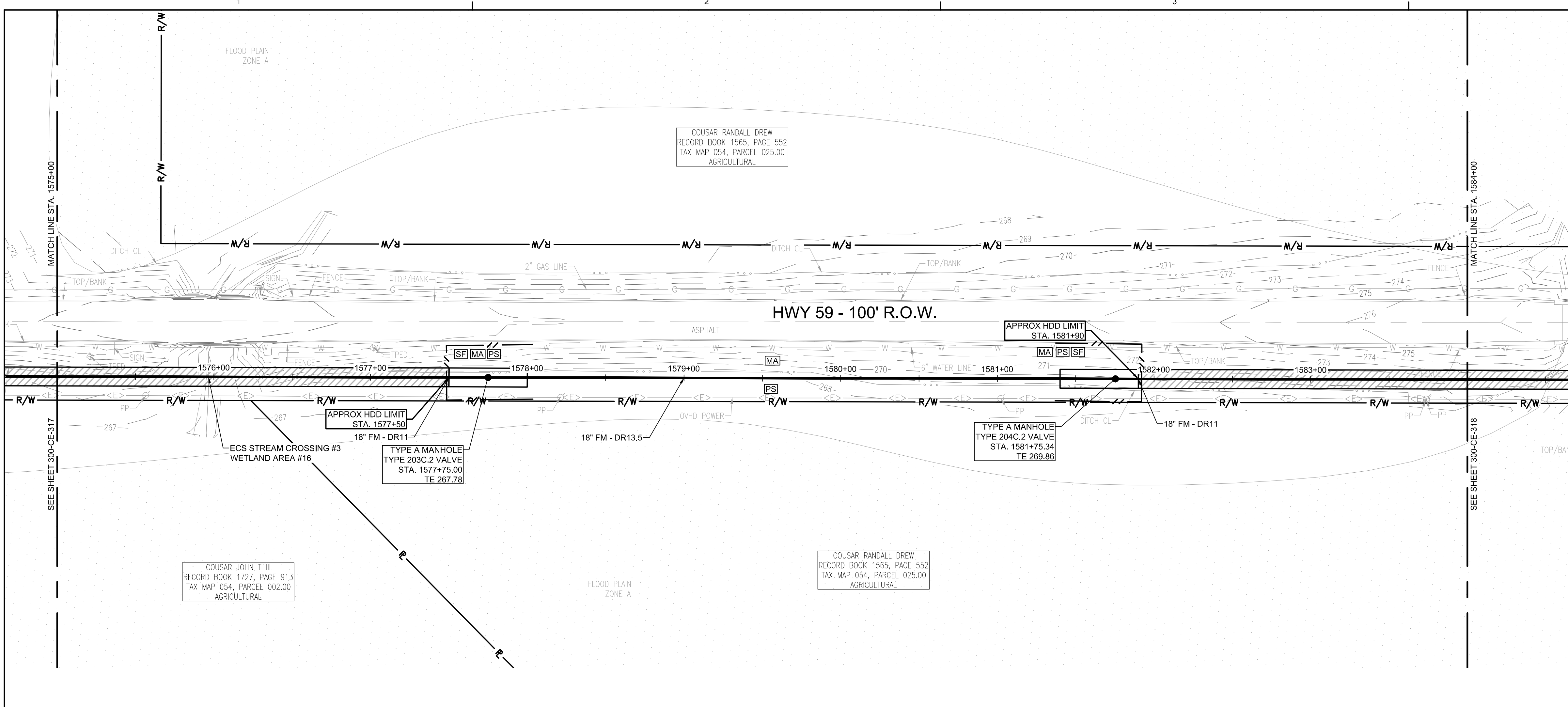
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1557+00.00 TO 1566+00.00
 STA. 1566+00.00 TO 1575+00.00

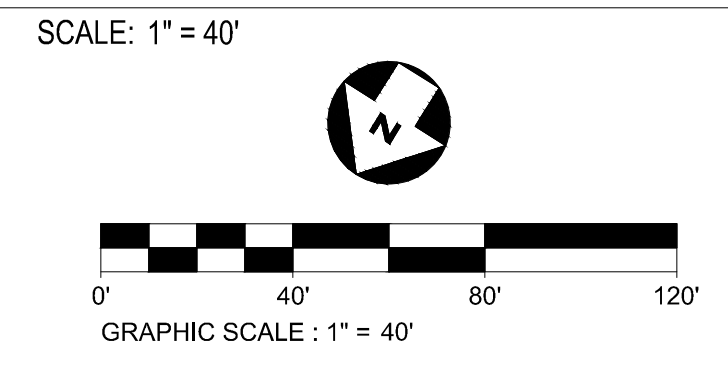
DRAWING NO:
300-CE-317



Know what's below.
 Call before you dig.



FORCE MAIN 3 - EPSC PLAN
STA. 1575+00.00 TO 1584+00.00

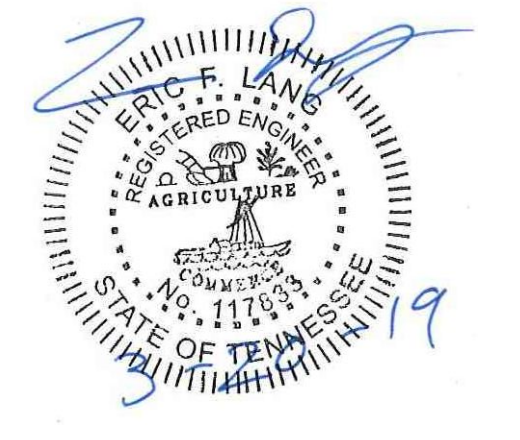


- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

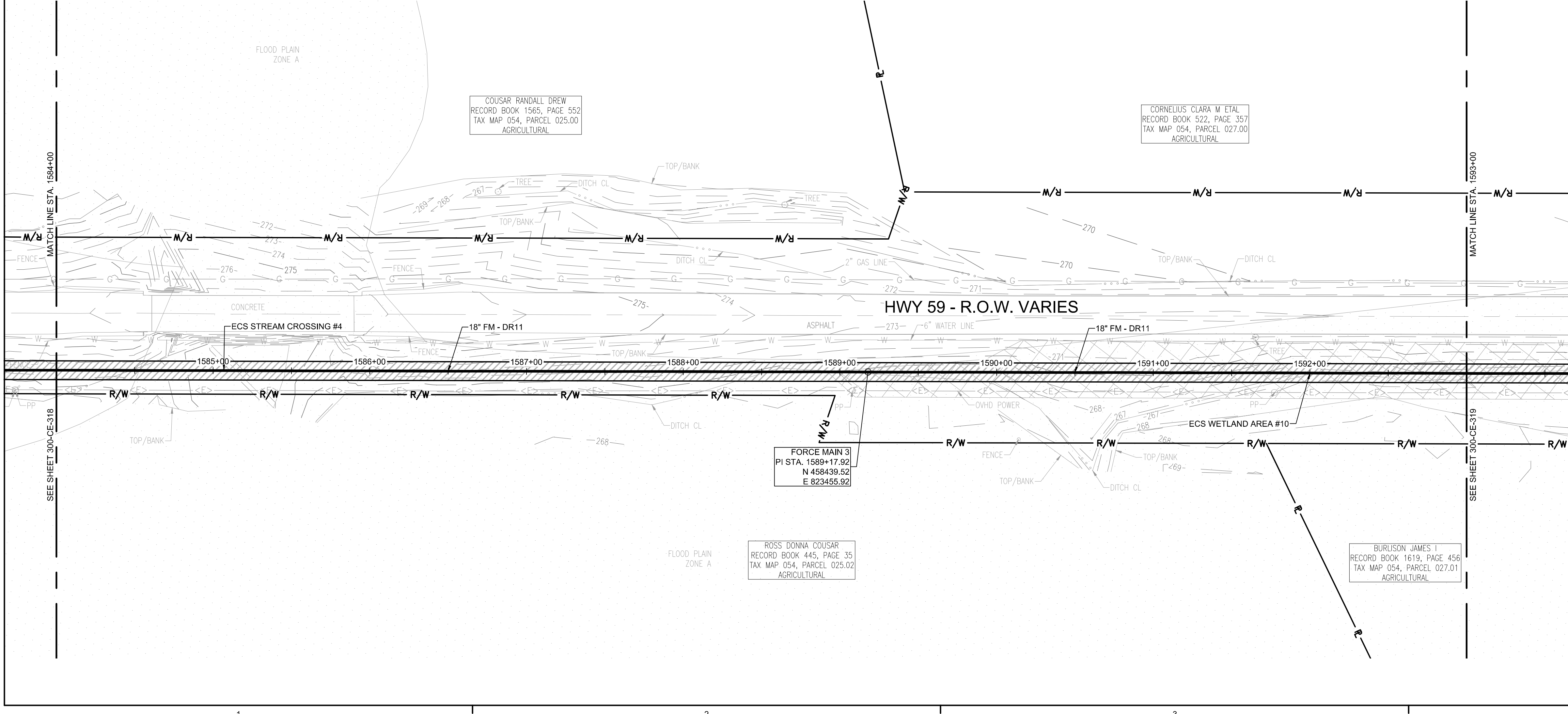


CONSULTANTS:

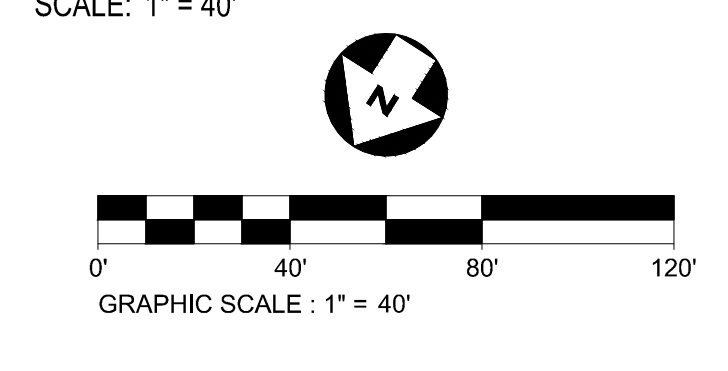
SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN



FORCE MAIN 3 - EPSC PLAN
STA. 1584+00.00 TO 1593+00.00



STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

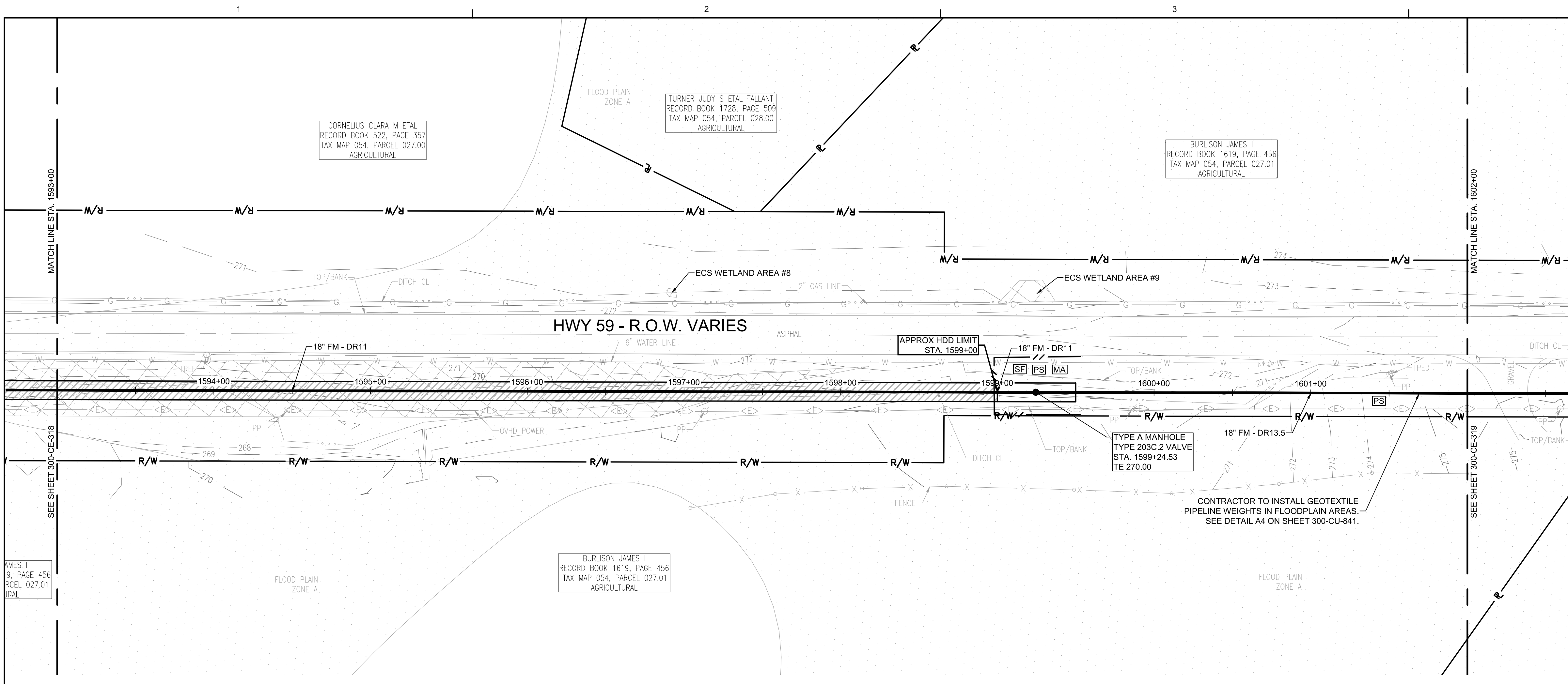
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1575+00.00 TO 1584+00.00
STA. 1584+00.00 TO 1593+00.00

DRAWING NO:
300-CE-318



Know what's below.
 Call before you dig.

c:\pdm\2221000\300-CE-318.dwg DATE: Dec 20, 2018 - 2:03pm USER: 15834



**FORCE MAIN 3 - EPSC PLAN
STA. 1593+00.00 TO 1602+00.00**
SCALE: 1" = 40'

GRAPHIC SCALE: 1" = 40'

SSOE®

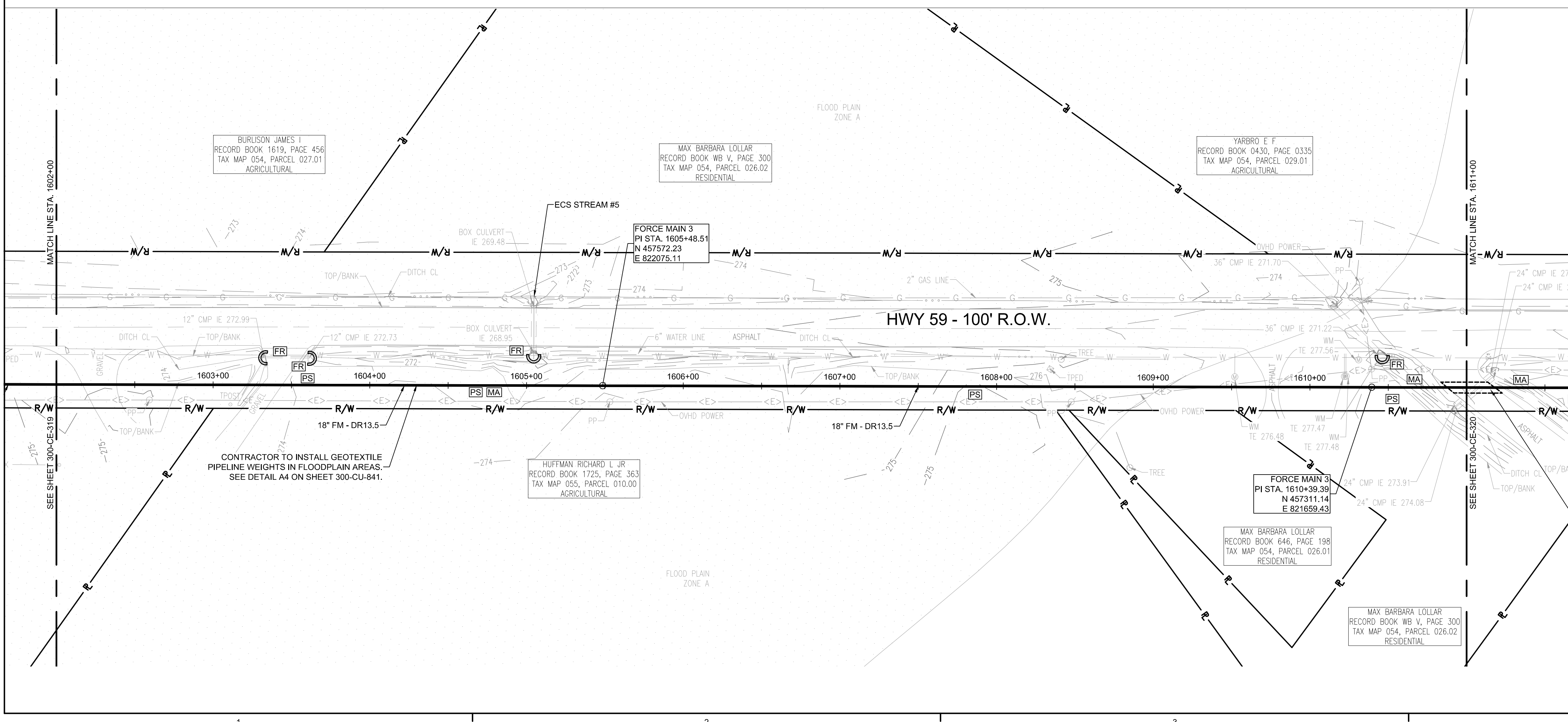
CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:

- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

PROJECT INFORMATION:

**FORCE MAIN
TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN**



**FORCE MAIN 3 - EPSC PLAN
STA. 1602+00.00 TO 1611+00.00**
SCALE: 1" = 40'

GRAPHIC SCALE: 1" = 40'

CLIENT INFORMATION:

**STATE OF TN
SBC PROJECT
529/000-02-2010-17**

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

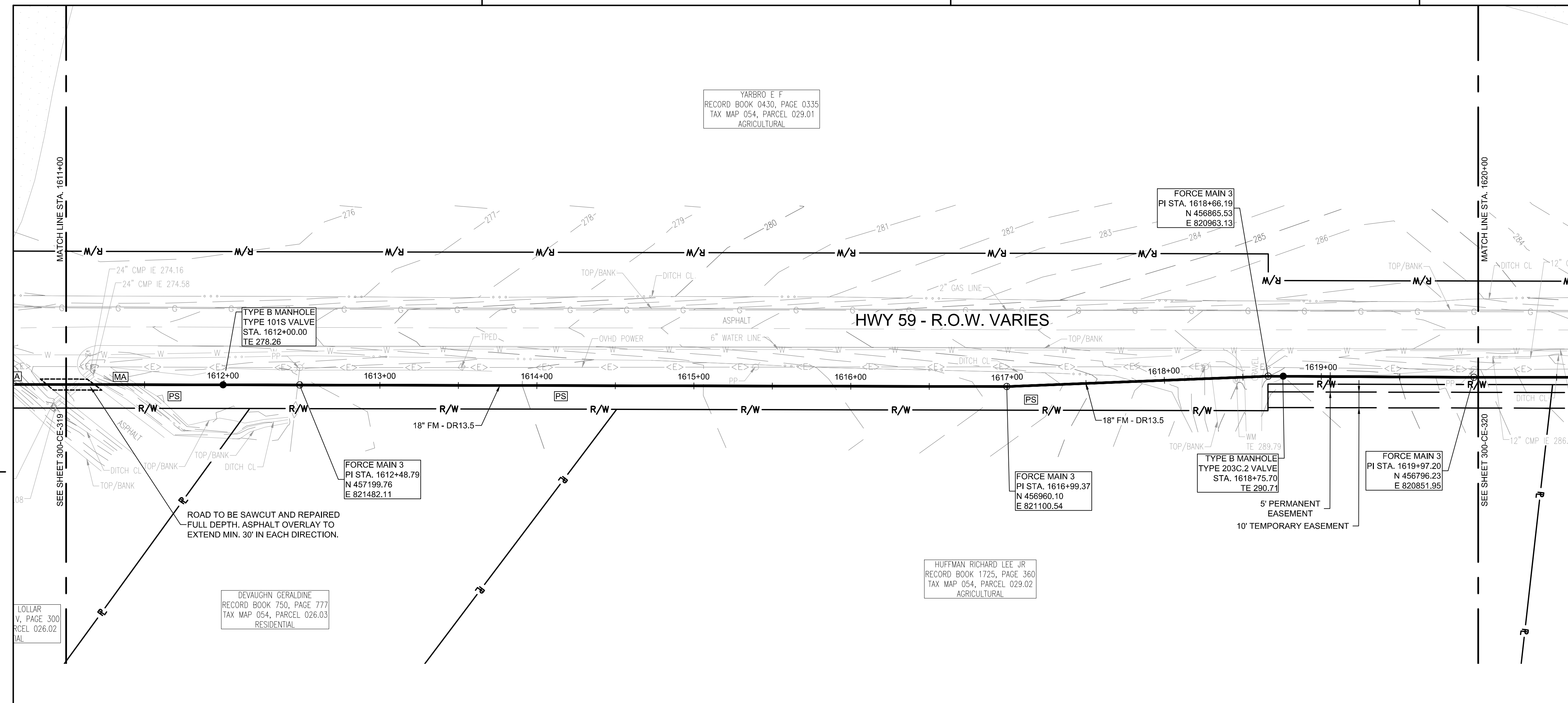
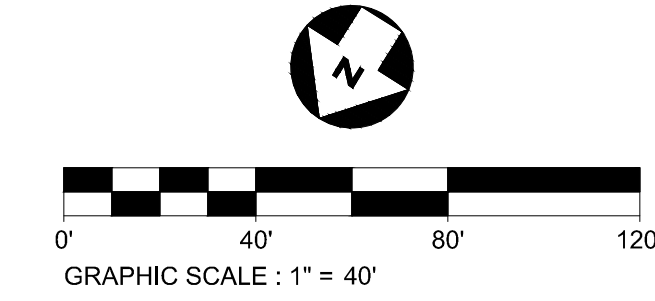
DRAWING TITLE:
**FORCE MAIN 3 - EPSC PLAN
STA. 1593+00.00 TO 1602+00.00
STA. 1602+00.00 TO 1611+00.00**

DRAWING NO:
300-CE-319

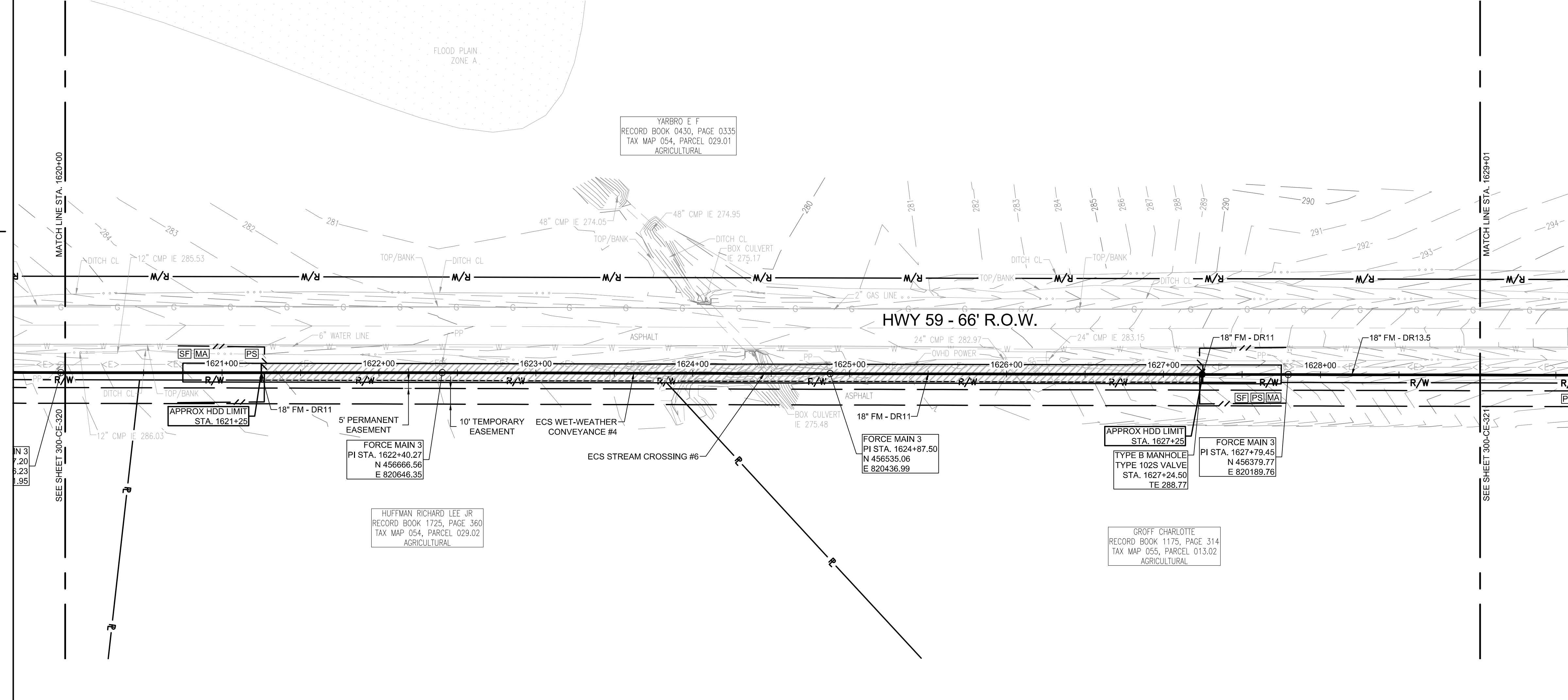
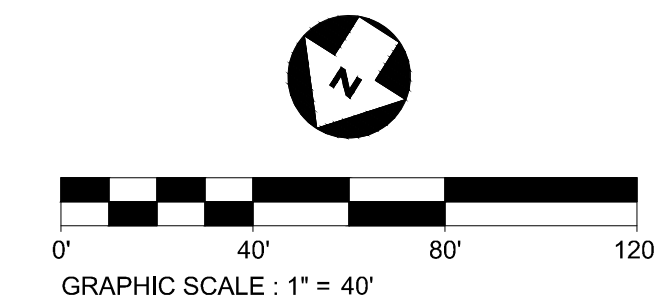


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FORCE MAIN 3 - EPSC PLAN
STA. 1611+00.00 TO 1620+00.00
 SCALE: 1" = 40'



FORCE MAIN 3 - EPSC PLAN
STA. 1620+00.00 TO 1629+00.00
 SCALE: 1" = 40'



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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN

CLIENT INFORMATION:



STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

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B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

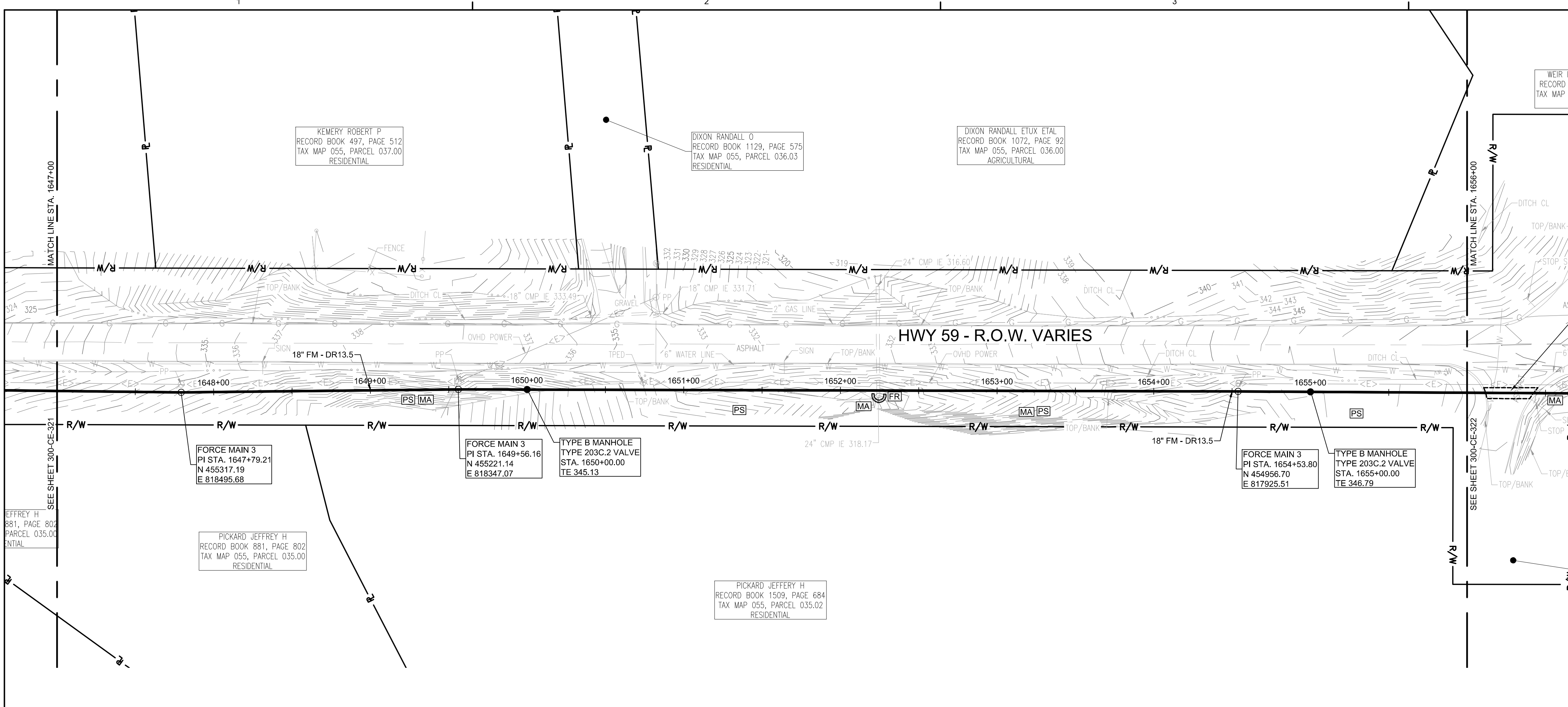
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1611+00.00 TO 1620+00.00
 STA. 1620+00.00 TO 1629+00.00

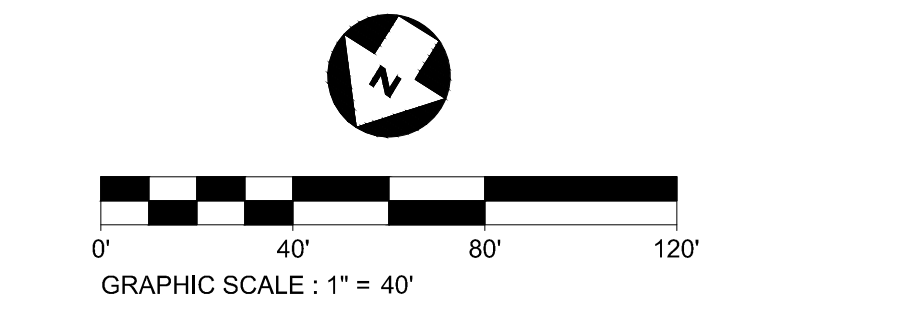
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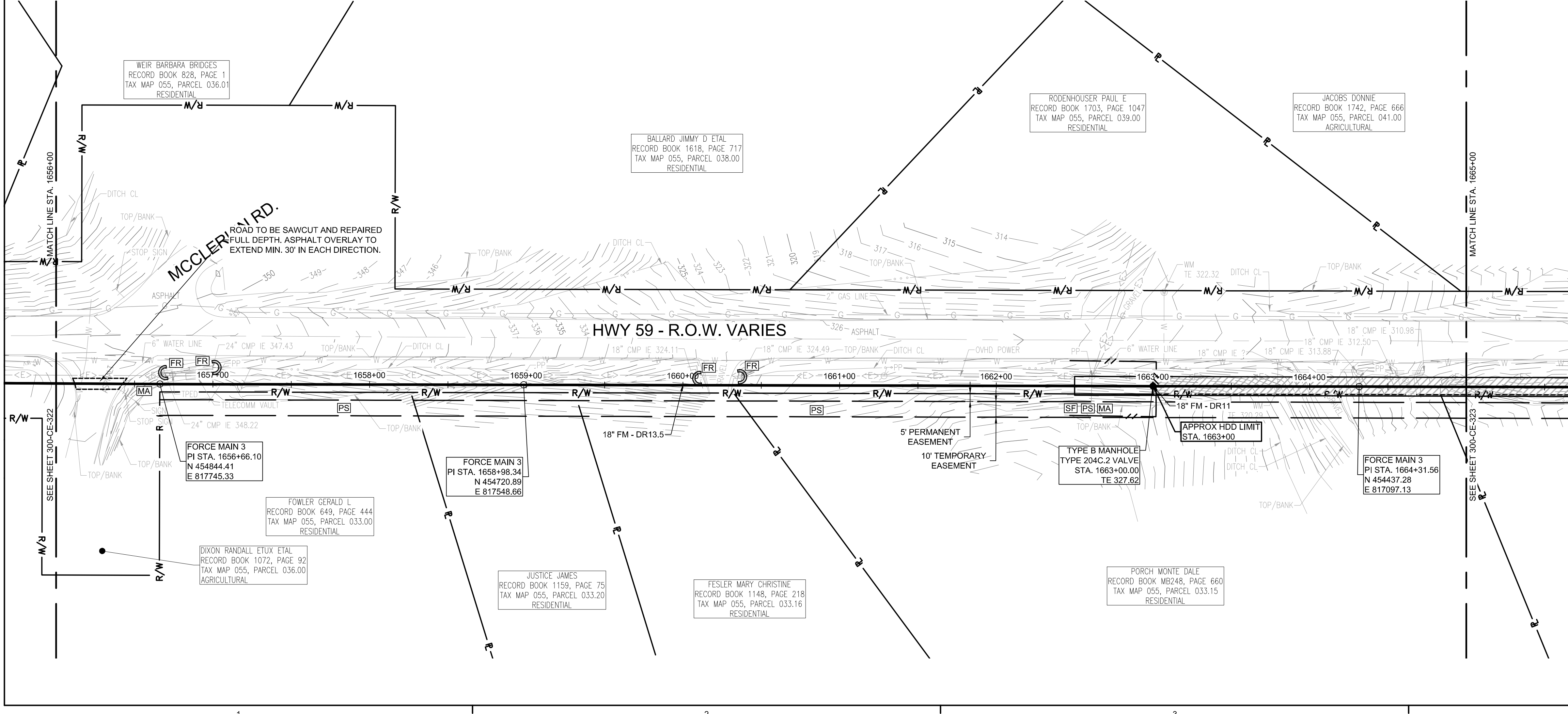
Know what's below.
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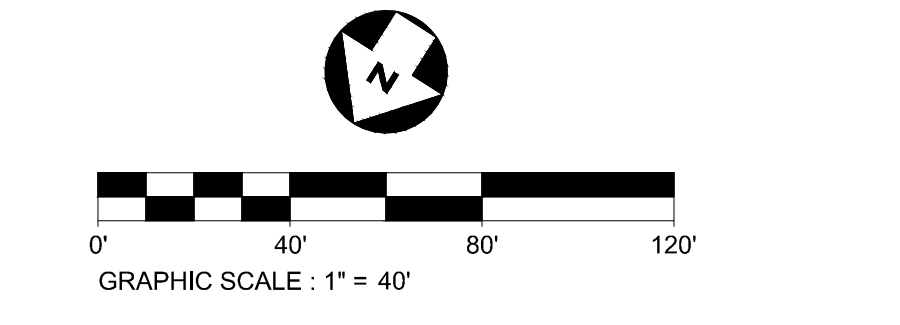
**FORCE MAIN 3 - EPSC PLAN
STA. 1647+00.00 TO 1656+00.00**



- EPSC LEGEND**
- PS DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SF SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CD CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FR FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - MA EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TP TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

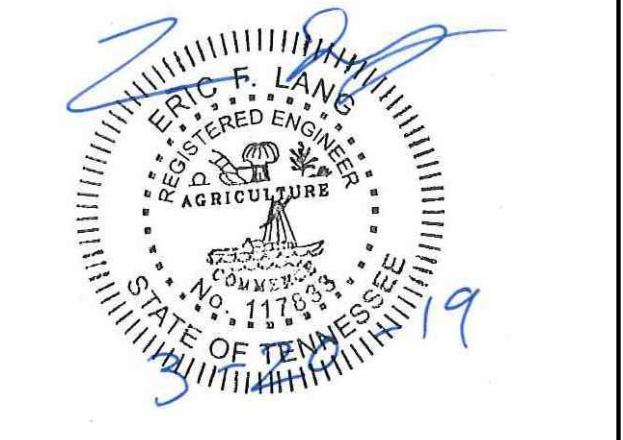


**FORCE MAIN 3 - EPSC PLAN
STA. 1656+00.00 TO 1665+00.00**



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
**FORCE MAIN
TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN**

CLIENT INFORMATION:

**STATE OF TN
SBC PROJECT
529/000-02-2010-17**

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
320 Seven Springs Way, Suite 350
Brentwood, TN 37027
T 615-661-7395

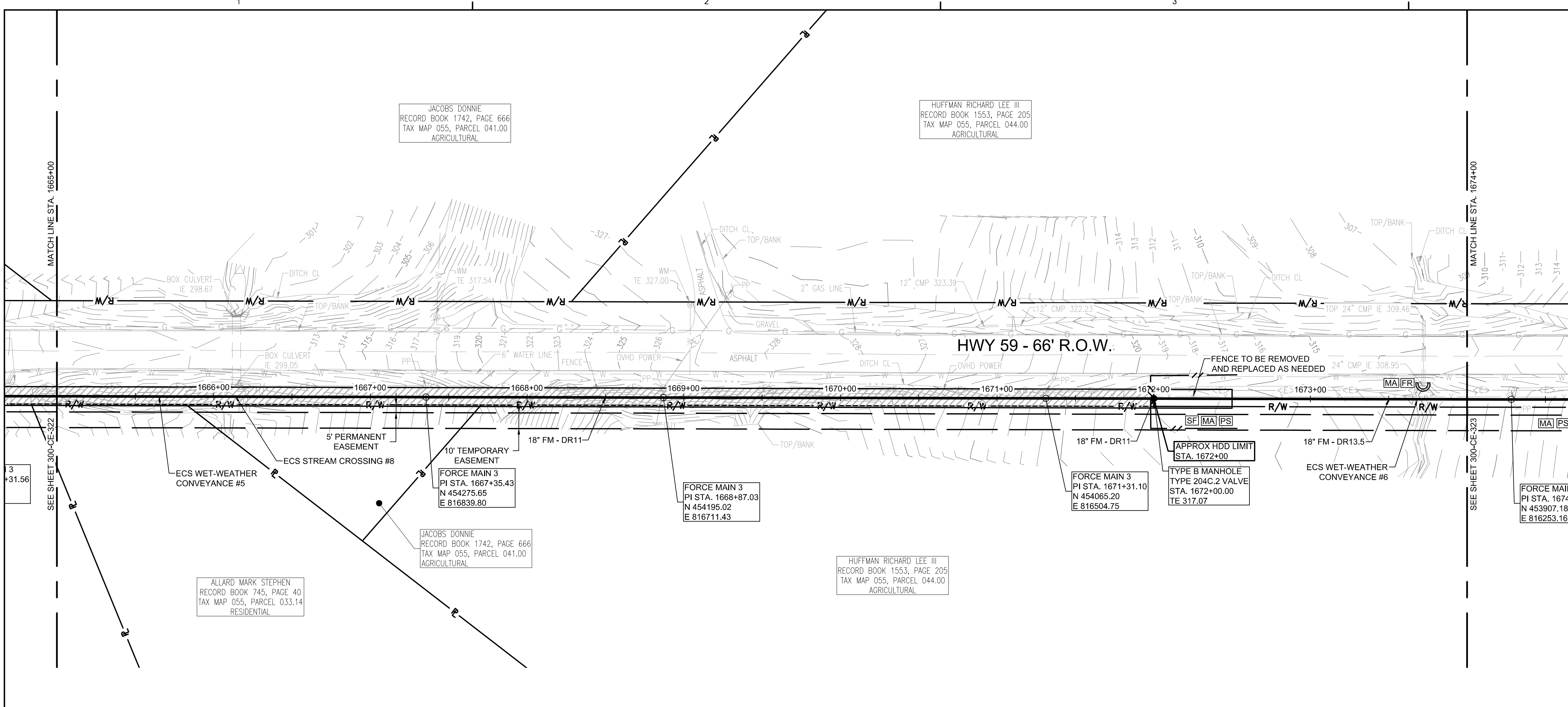
PROJECT NO: 012-02080-16
PROJECT MANAGER: D. HIBDON
DESIGNED: E. LANG
CHECKED: C. HARTMAN

DRAWING TITLE:
**FORCE MAIN 3 - EPSC PLAN
STA. 1647+00.00 TO 1656+00.00
STA. 1656+00.00 TO 1665+00.00**

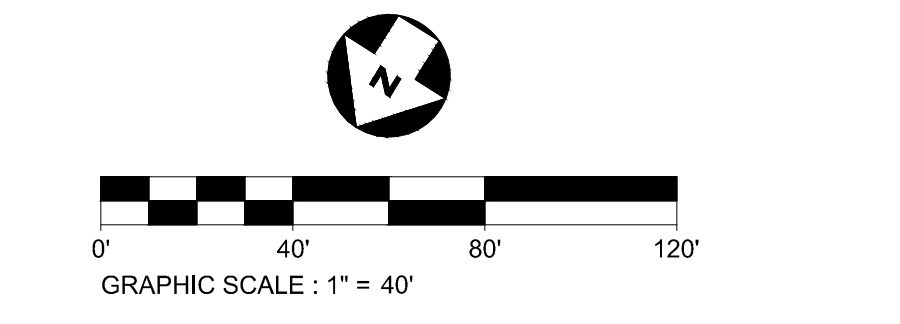
DRAWING NO:
300-CE-322



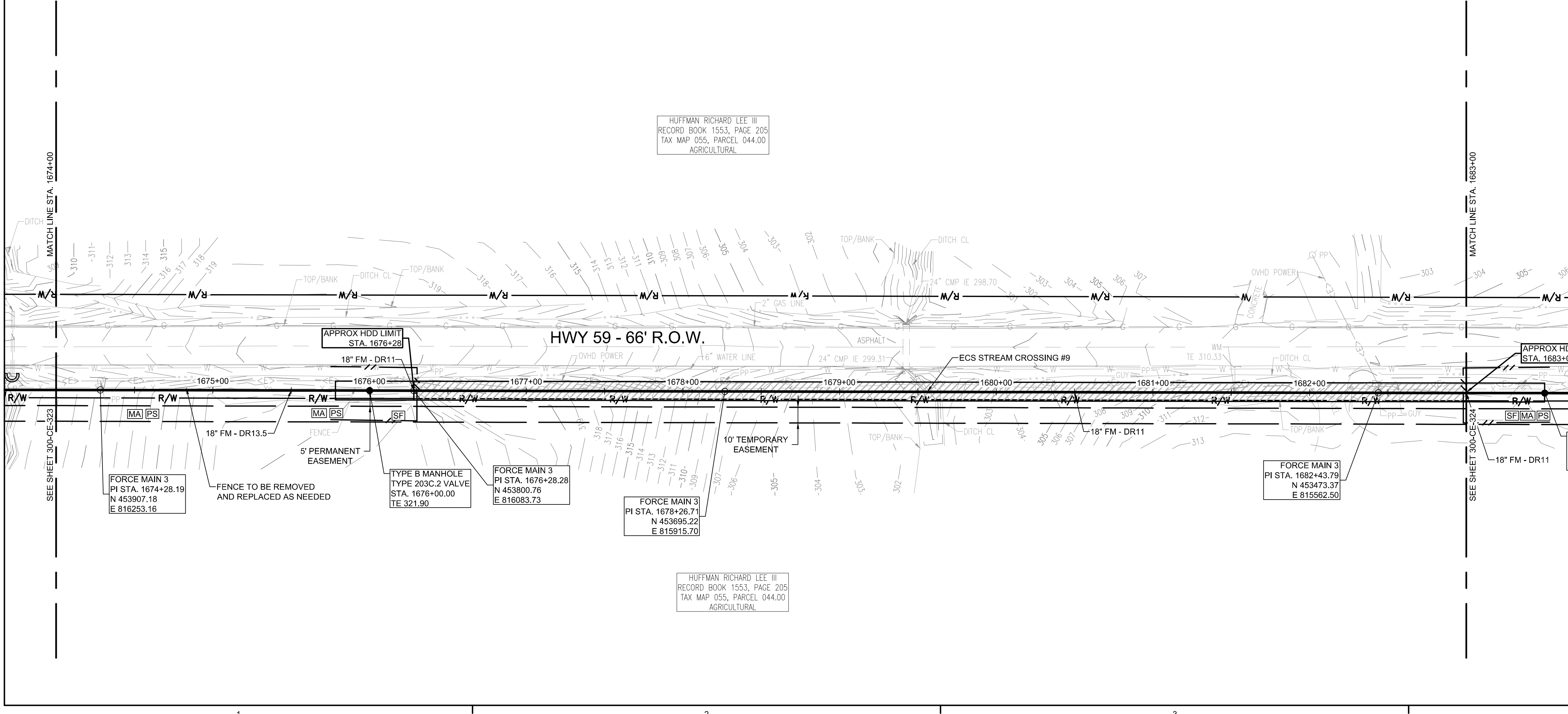
Know what's below.
Call before you dig.



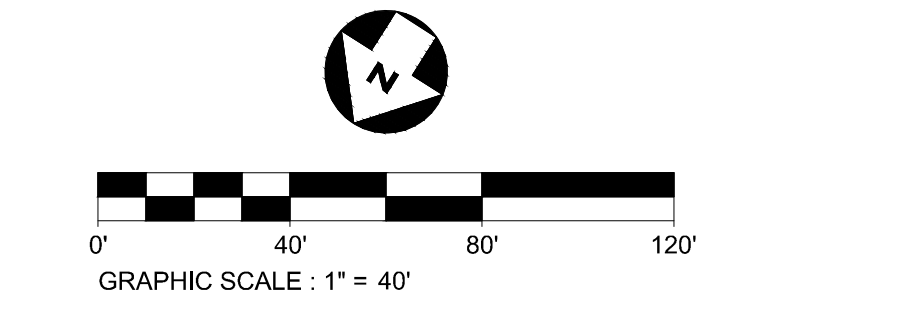
FORCE MAIN 3 - EPSC PLAN
STA. 1665+00.00 TO 1674+00.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

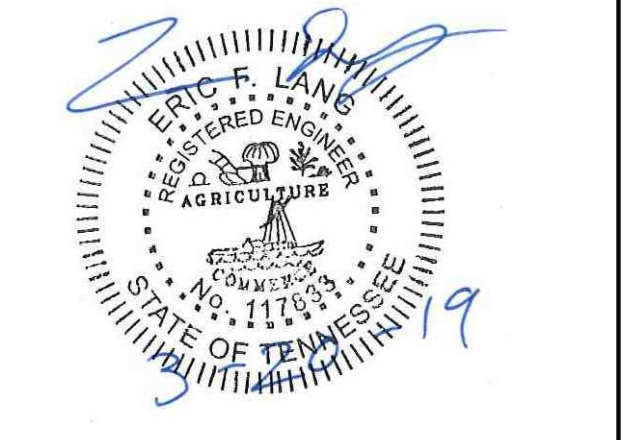


FORCE MAIN 3 - EPSC PLAN
STA. 1674+00.00 TO 1683+00.00



CONSULTANTS:

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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
		REVISION OR ISSUE

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7395

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

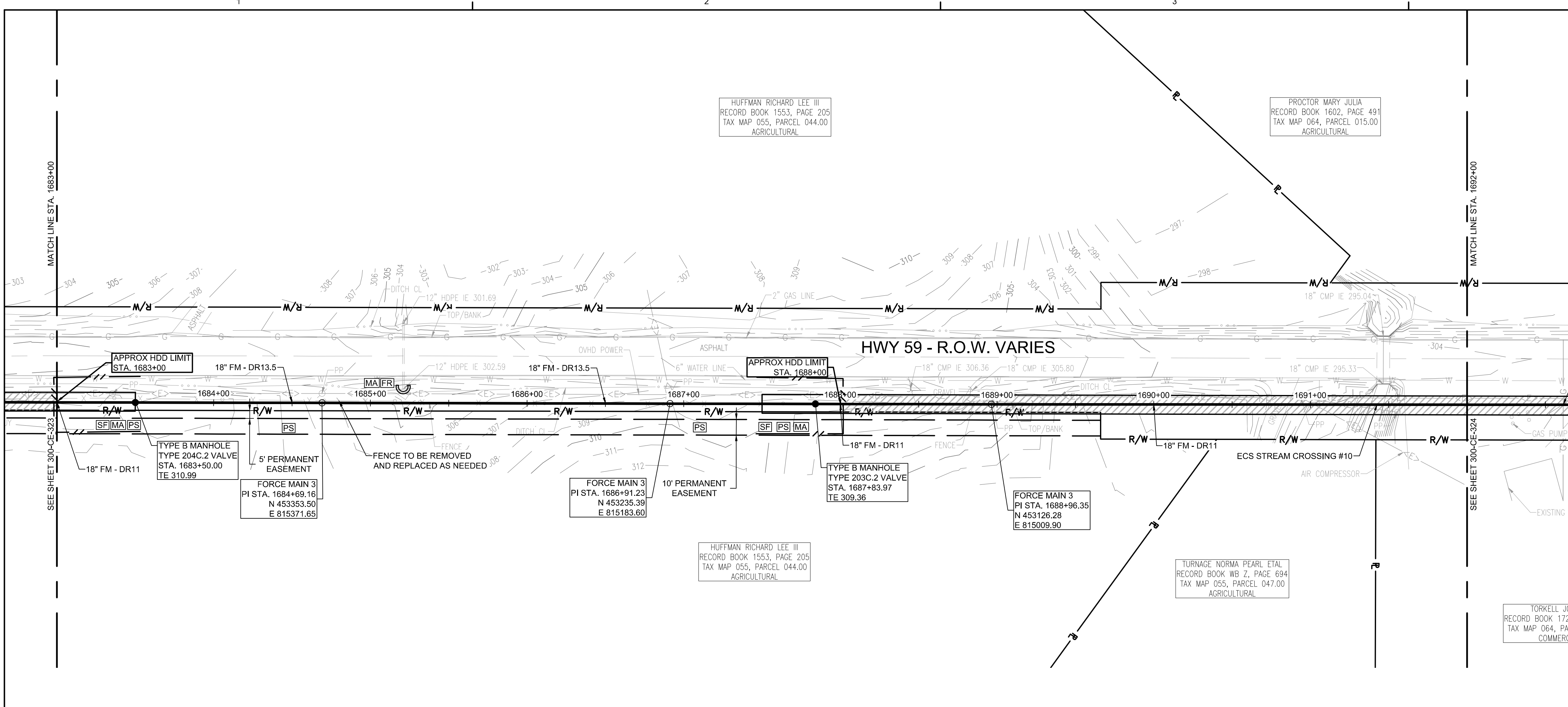
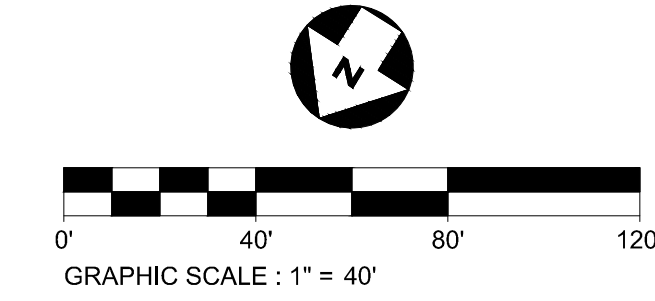
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1665+00.00 TO 1674+00.00
STA. 1674+00.00 TO 1683+00.00

DRAWING NO:
300-CE-323



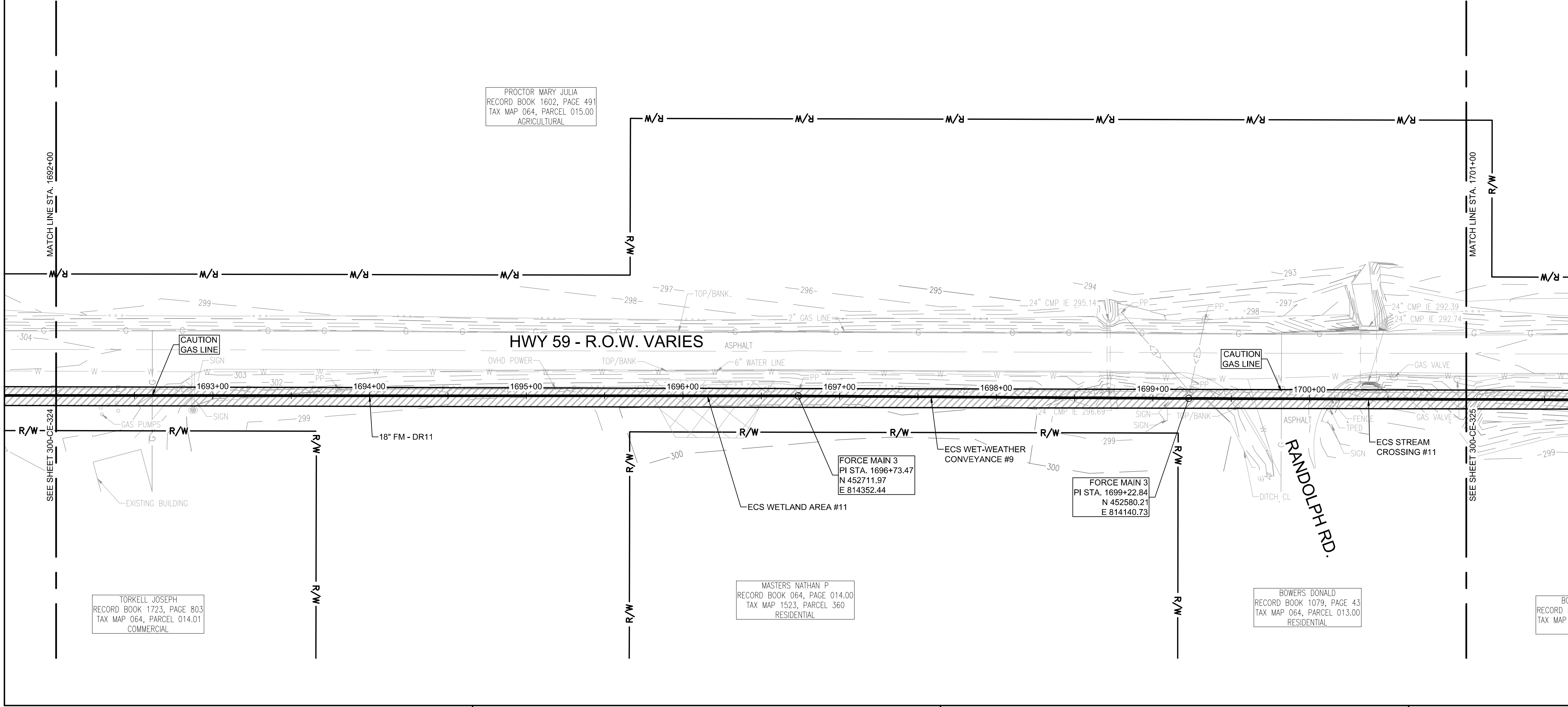
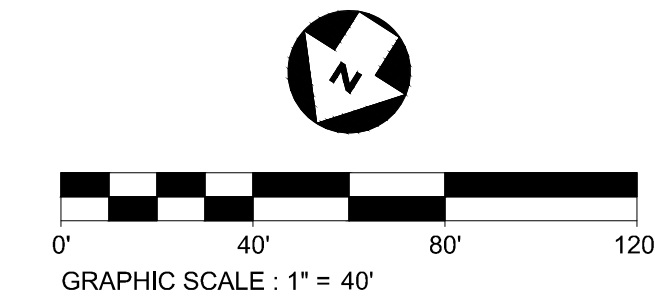
Know what's below.
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FORCE MAIN 3 - EPSC PLAN
STA. 1683+00.00 TO 1692+00.00
 SCALE: 1" = 40'



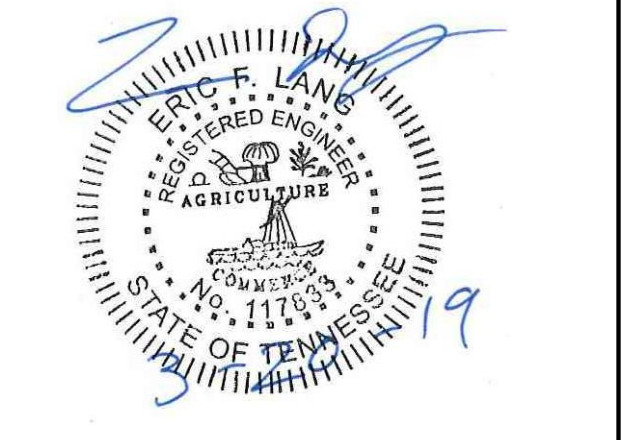
- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

FORCE MAIN 3 - EPSC PLAN
STA. 1692+00.00 TO 1701+00.00
 SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1683+00.00 TO 1692+00.00
 STA. 1692+00.00 TO 1701+00.00

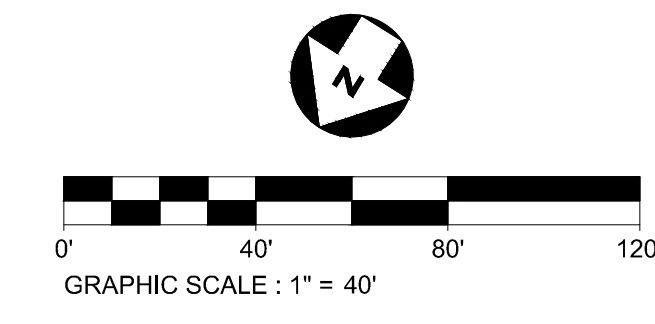
DRAWING NO:
300-CE-324



Know what's below.
 Call before you dig.

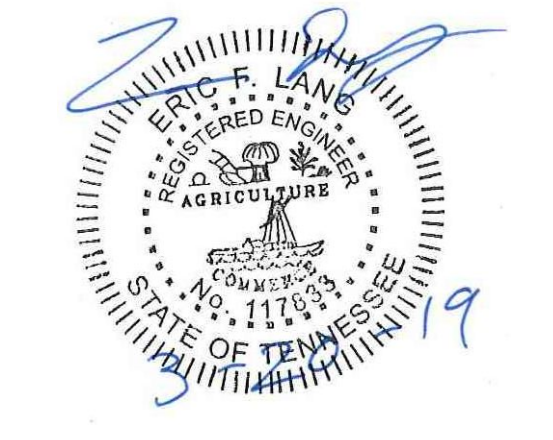
FORCE MAIN 3 - EPSC PLAN
STA. 1701+00.00 TO 1710+00.00

SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



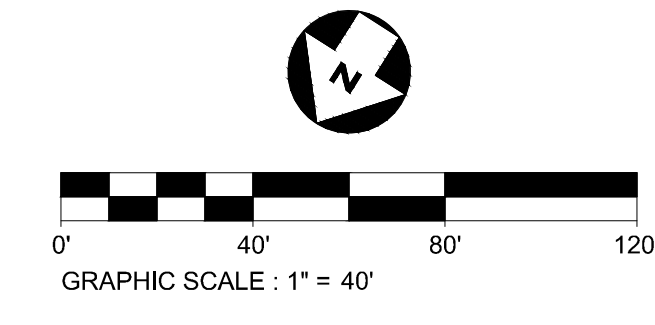
PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

EPSC LEGEND

- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
- SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
- CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
- FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
- EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
- TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

FORCE MAIN 3 - EPSC PLAN
STA. 1710+00.00 TO 1719+00.00

SCALE: 1" = 40'



STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

NO. DATE SUBJECT
 REVISION OR ISSUE

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

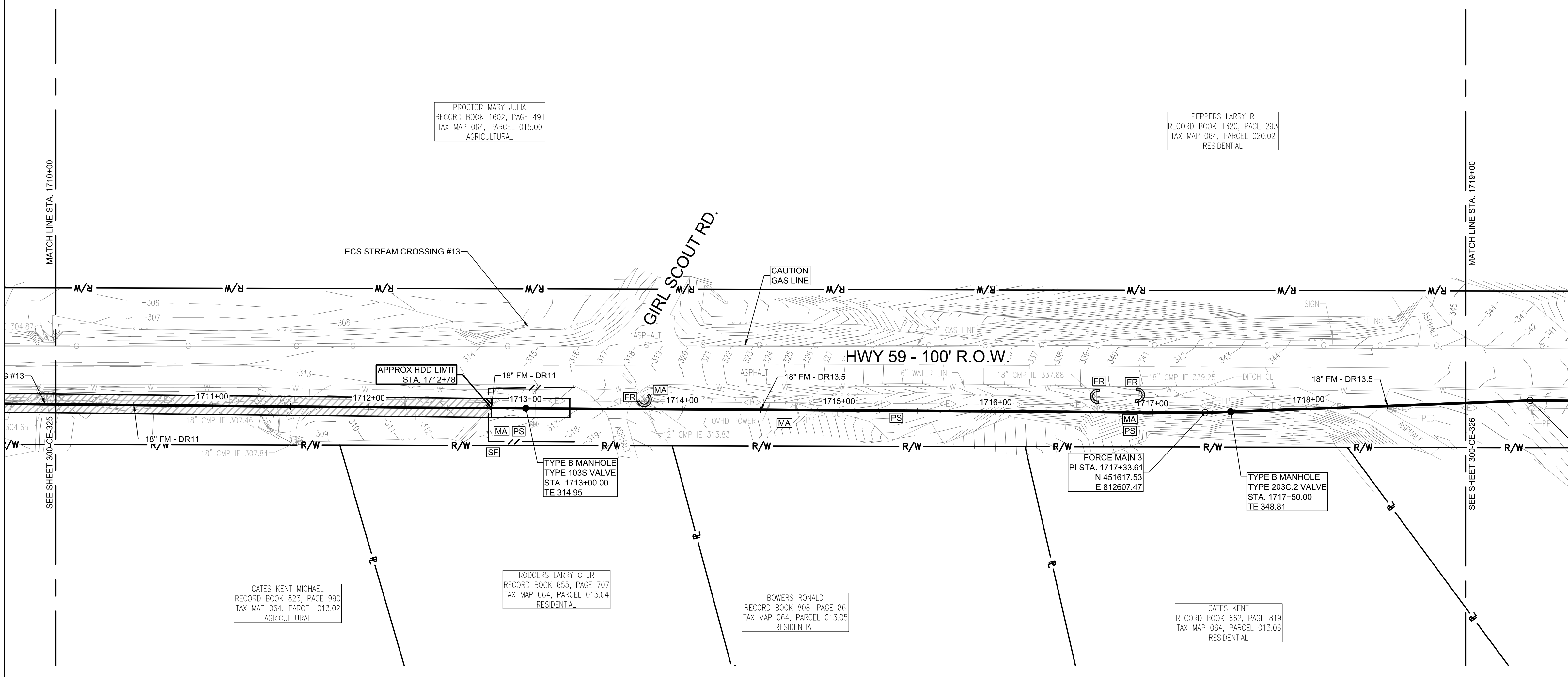
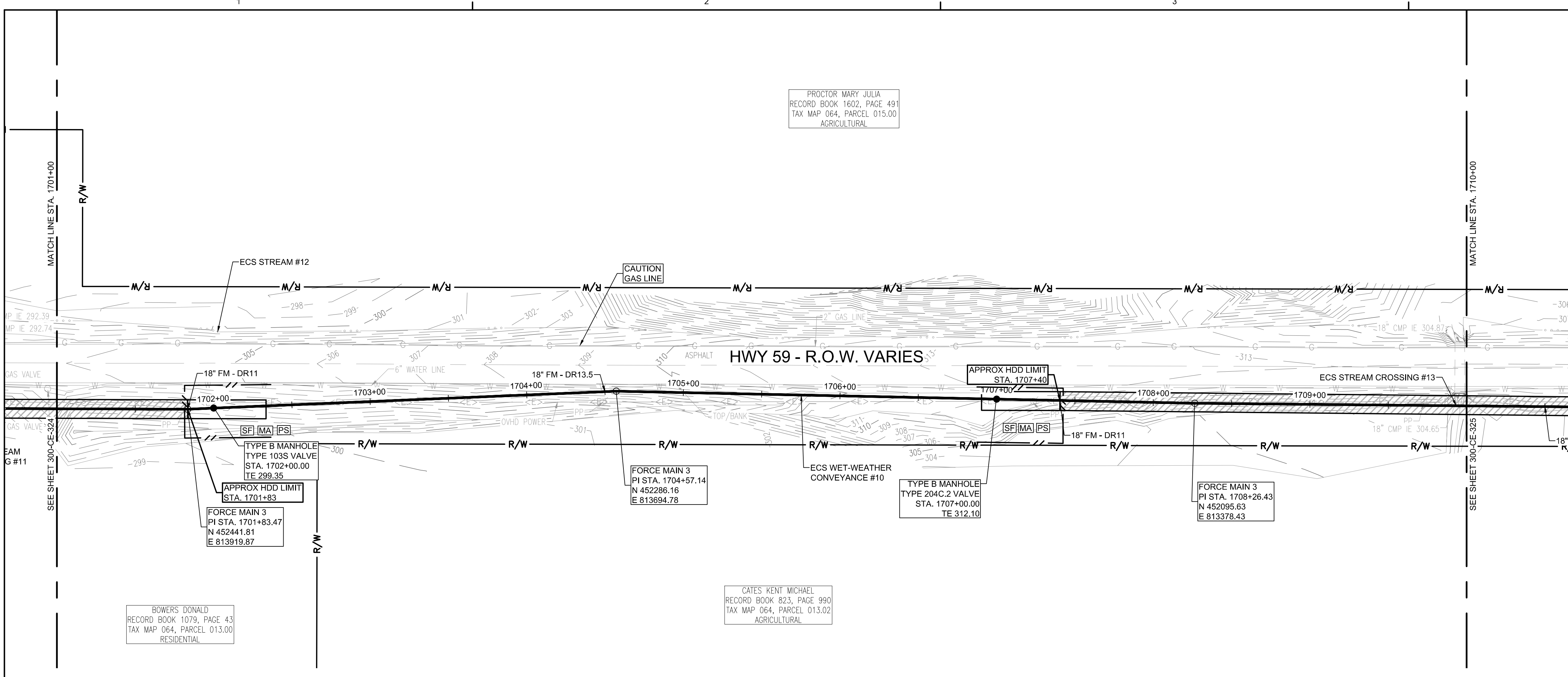
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1701+00.00 TO 1710+00.00
STA. 1710+00.00 TO 1719+00.00

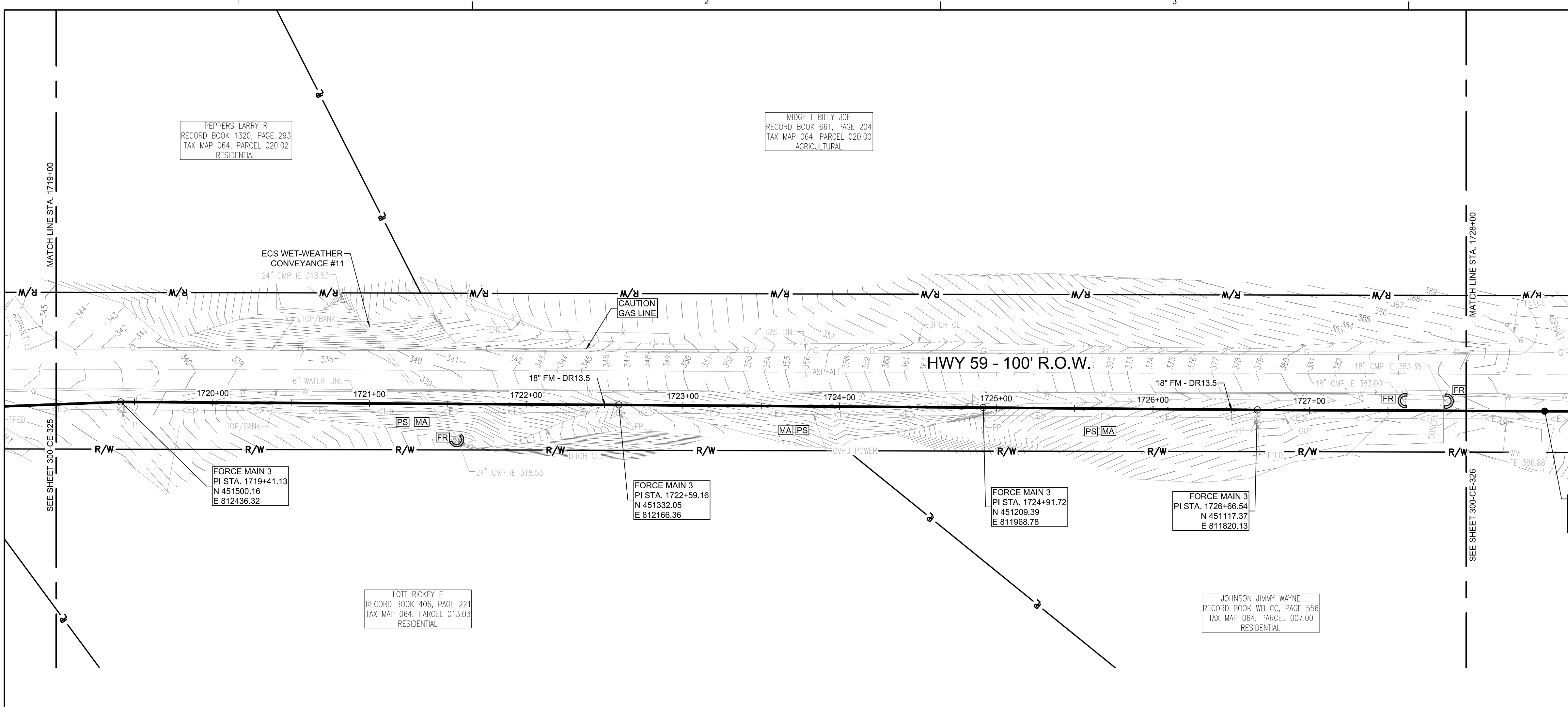
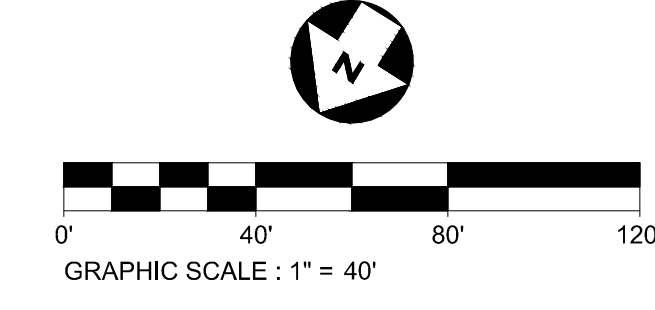
DRAWING NO:
300-CE-325



Know what's below.
 Call before you dig.

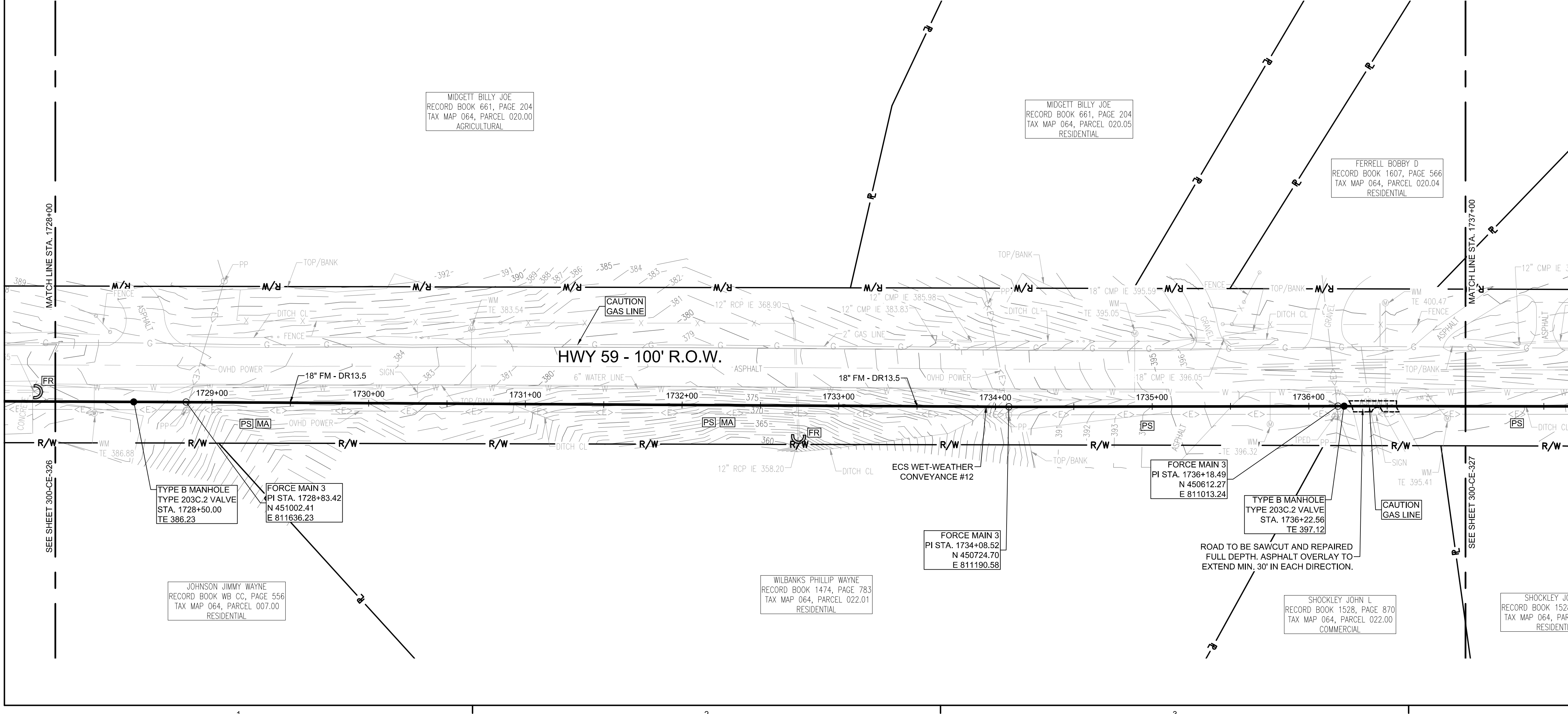
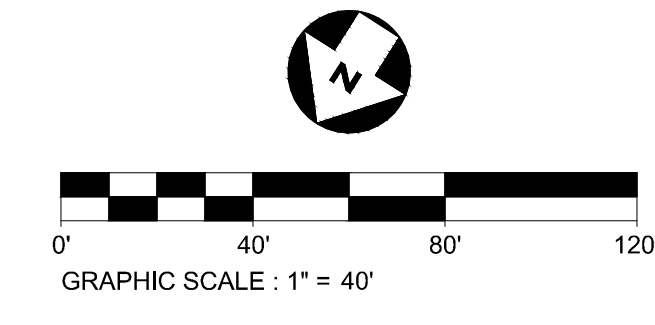


FORCE MAIN 3 - EPSC PLAN
STA. 1719+00.00 TO 1728+00.00
 SCALE: 1" = 40'



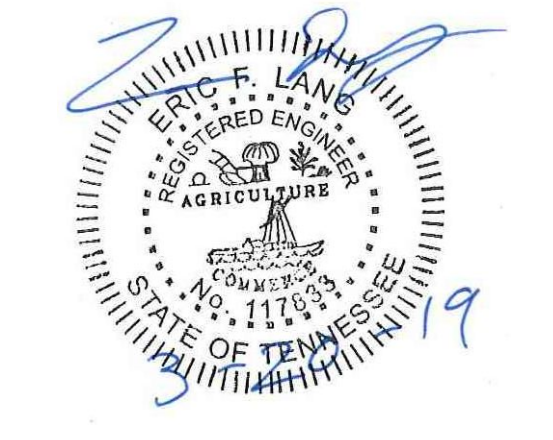
- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

FORCE MAIN 3 - EPSC PLAN
STA. 1728+00.00 TO 1737+00.00
 SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7355

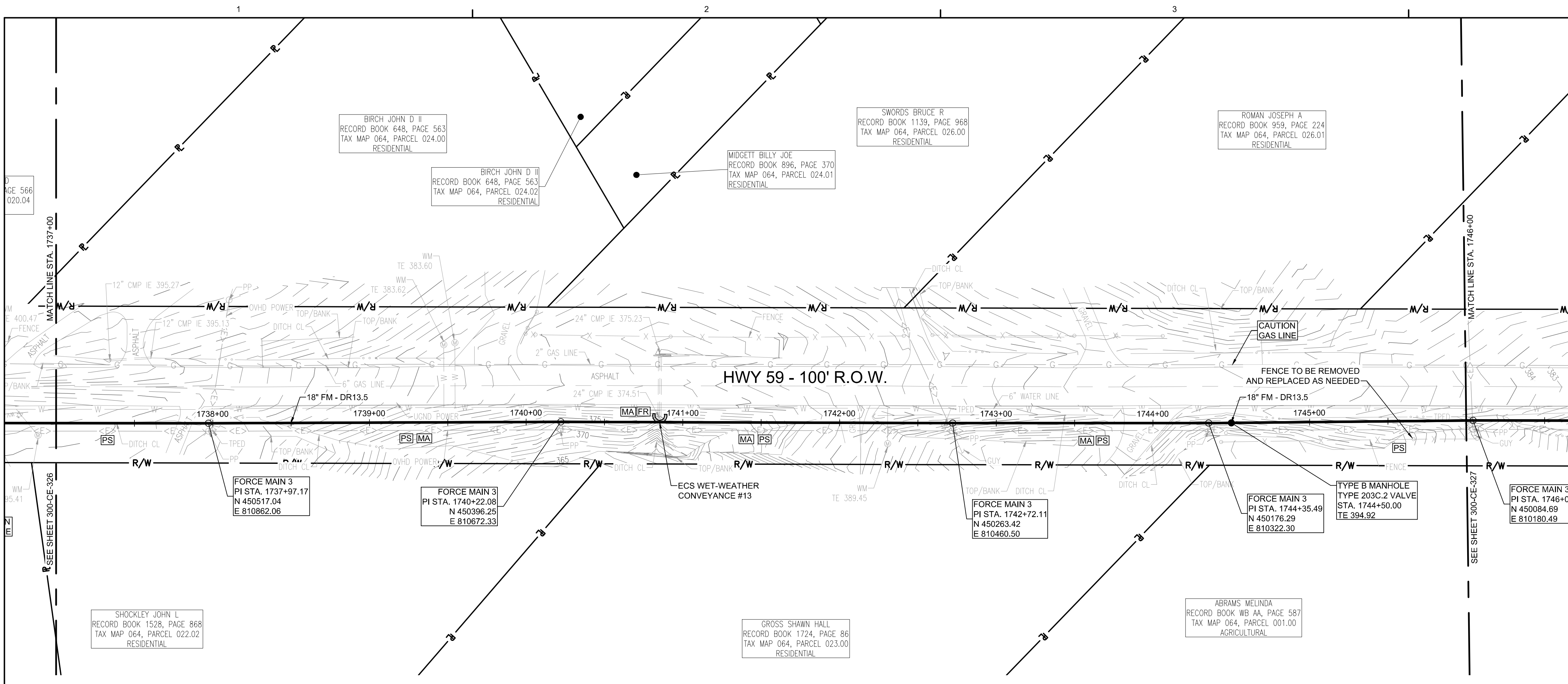
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1719+00.00 TO 1728+00.00
 STA. 1728+00.00 TO 1737+00.00

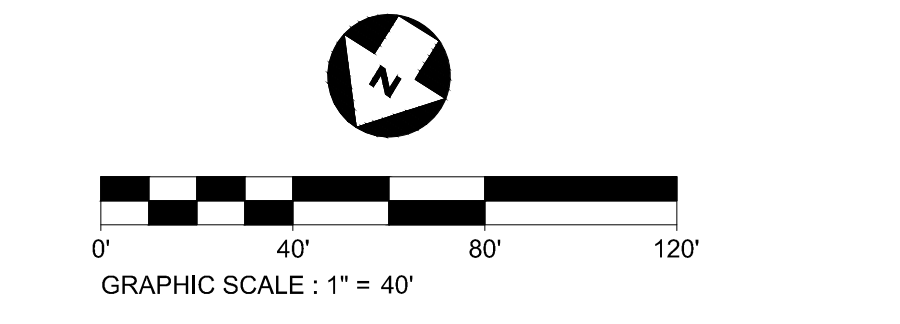
DRAWING NO:
300-CE-326



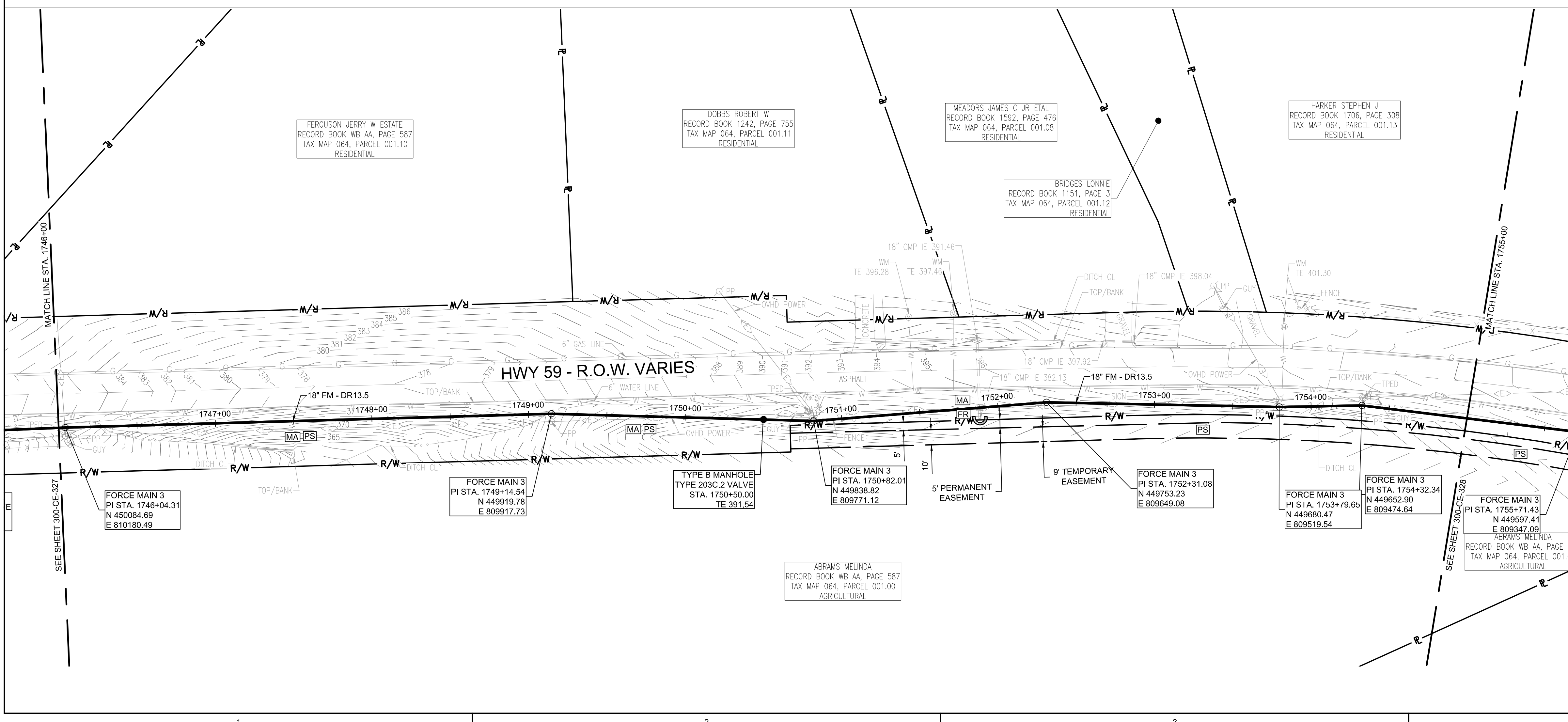
Know what's below.
 Call before you dig.



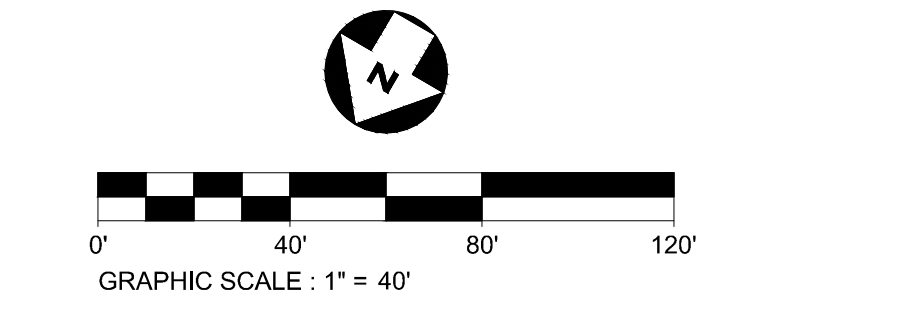
FORCE MAIN 3 - EPSC PLAN
STA. 1737+00.00 TO 1746+00.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILTY FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

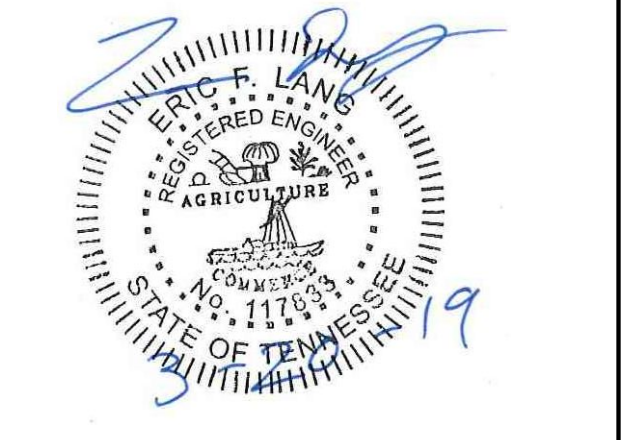


FORCE MAIN 3 - EPSC PLAN
STA. 1746+00.00 TO 1755+00.00



CONSULTANTS:

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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 1 615-661-7355

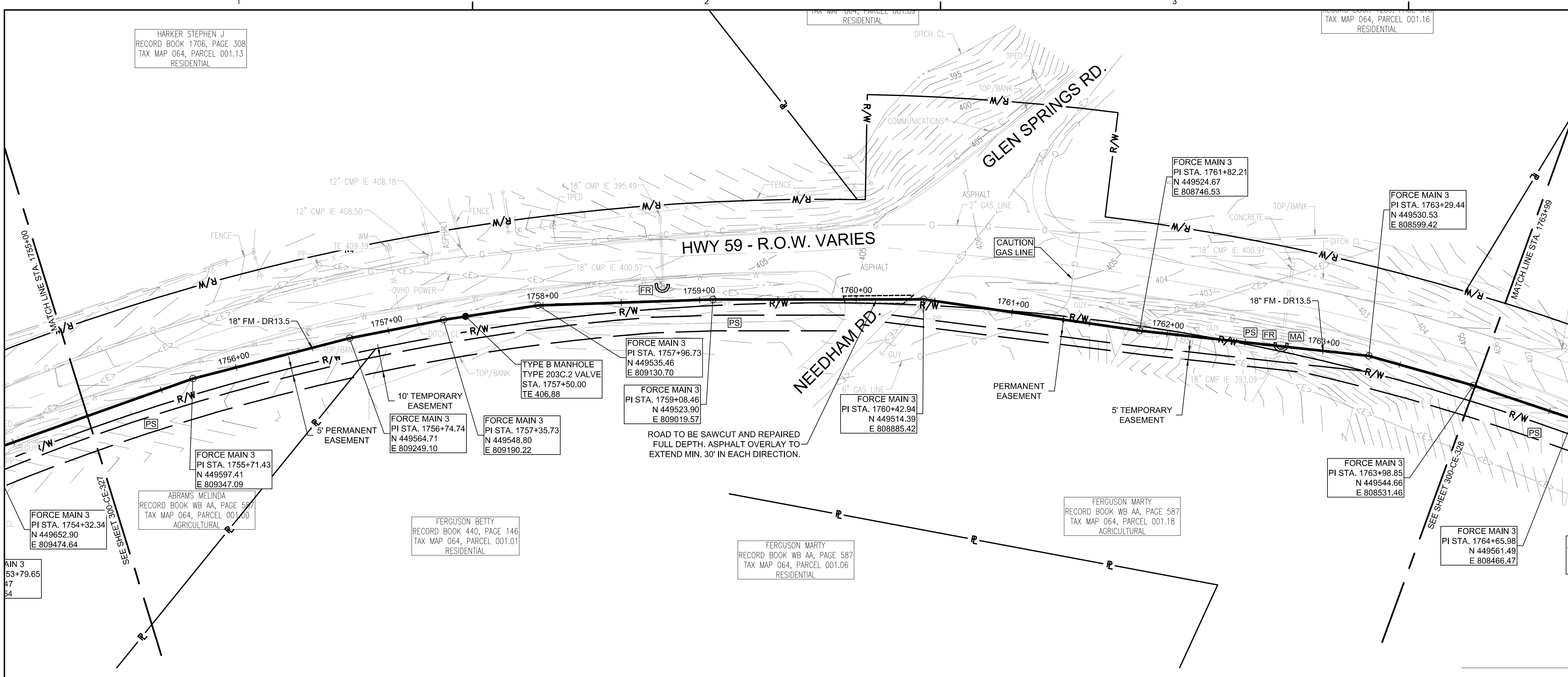
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1737+00.00 TO 1746+00.00
STA. 1746+00.00 TO 1755+00.00

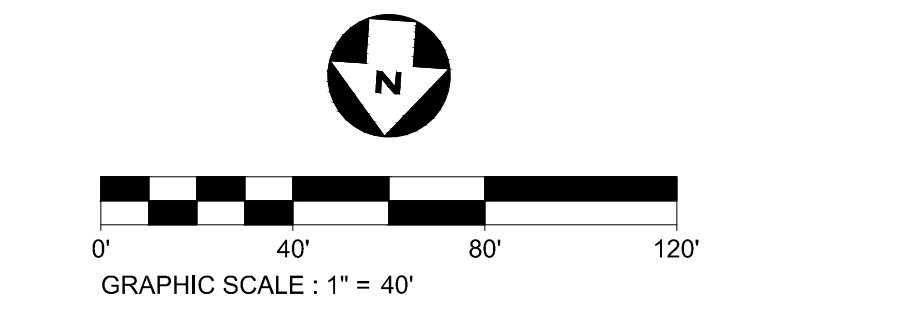
DRAWING NO:
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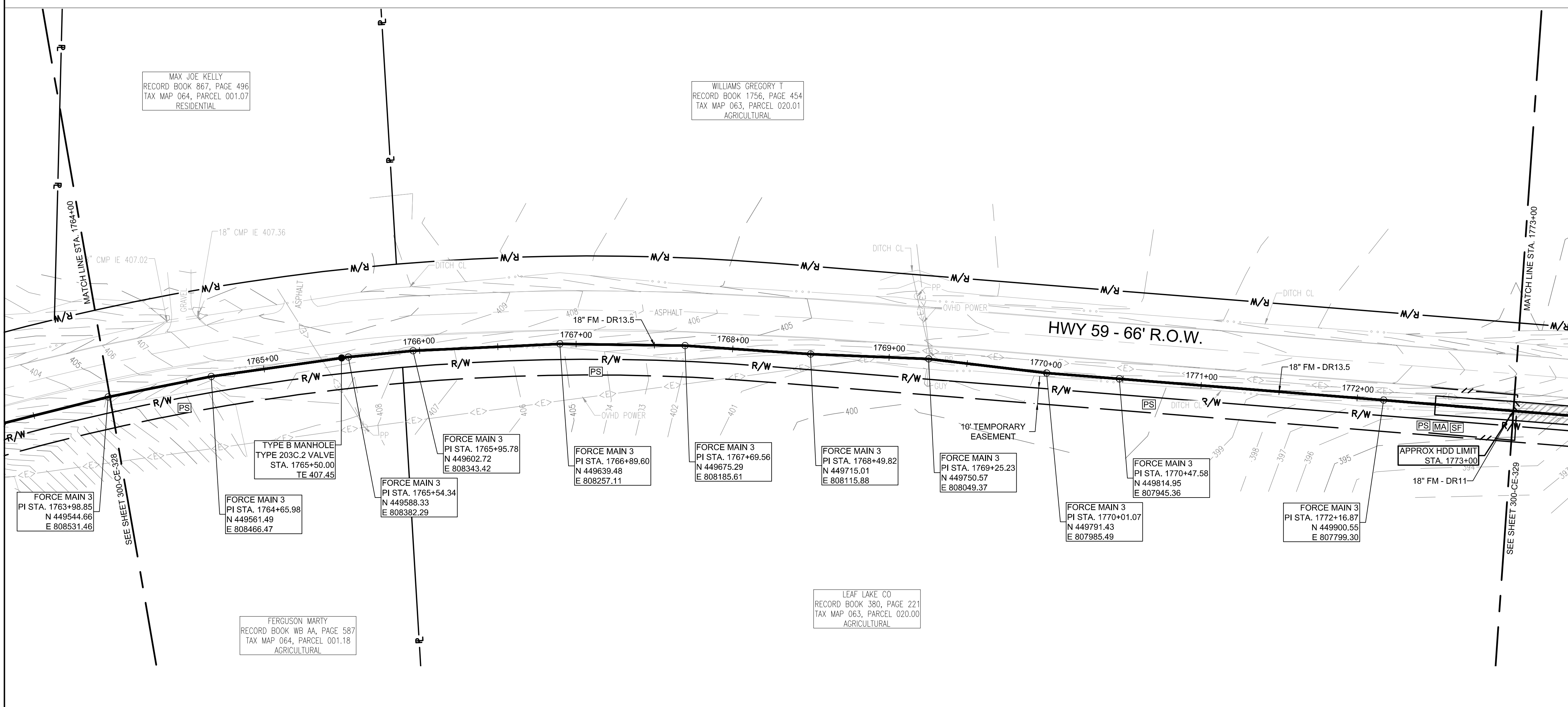
Know what's below.
 Call before you dig.



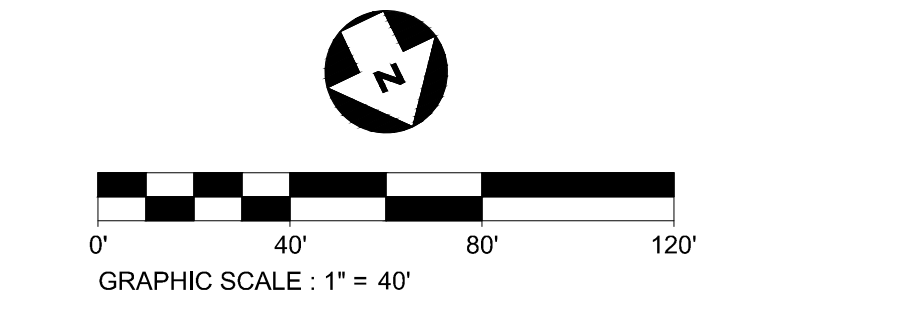
FORCE MAIN 3 - EPSC PLAN
STA. 1755+00.00 TO 1764+00.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

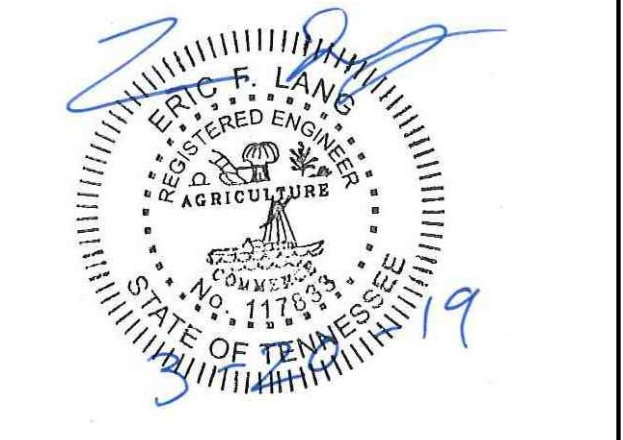


FORCE MAIN 3 - EPSC PLAN
STA. 1764+00.00 TO 1773+00.00



CONSULTANTS:

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PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

NO. DATE SUBJECT
 REVISION OR ISSUE

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7355

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

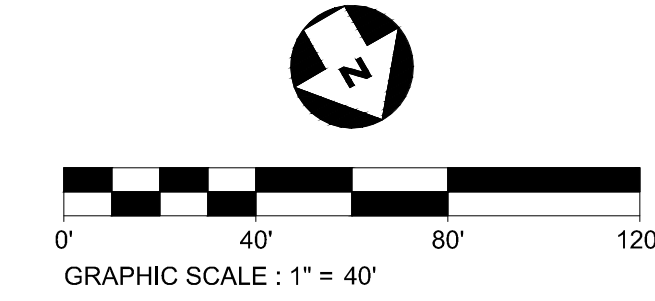
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1755+00.00 TO 1764+00.00
STA. 1764+00.00 TO 1773+00.00

DRAWING NO:
300-CE-328



Know what's below.
 Call before you dig.

FORCE MAIN 3 - EPSC PLAN
STA. 1773+00.00 TO 1782+00.00
 SCALE: 1" = 40'



CONSULTANTS:

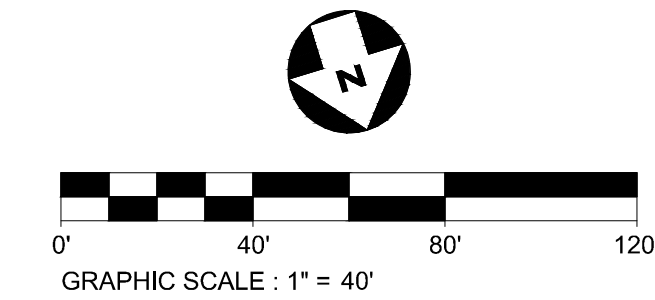
SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN

- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

FORCE MAIN 3 - EPSC PLAN
STA. 1782+00.00 TO 1791+00.00
 SCALE: 1" = 40'



CLIENT INFORMATION:



STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

REVISION OR ISSUE

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

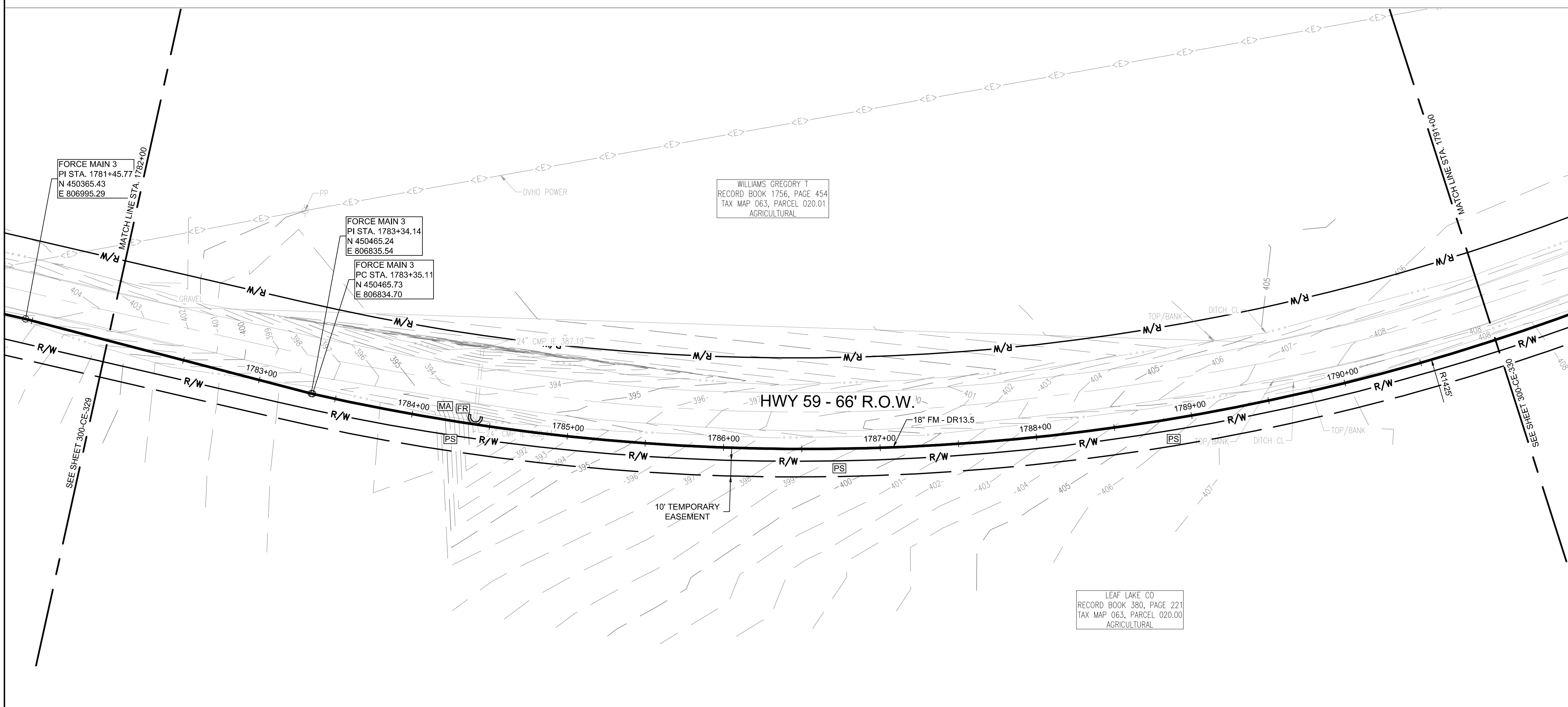
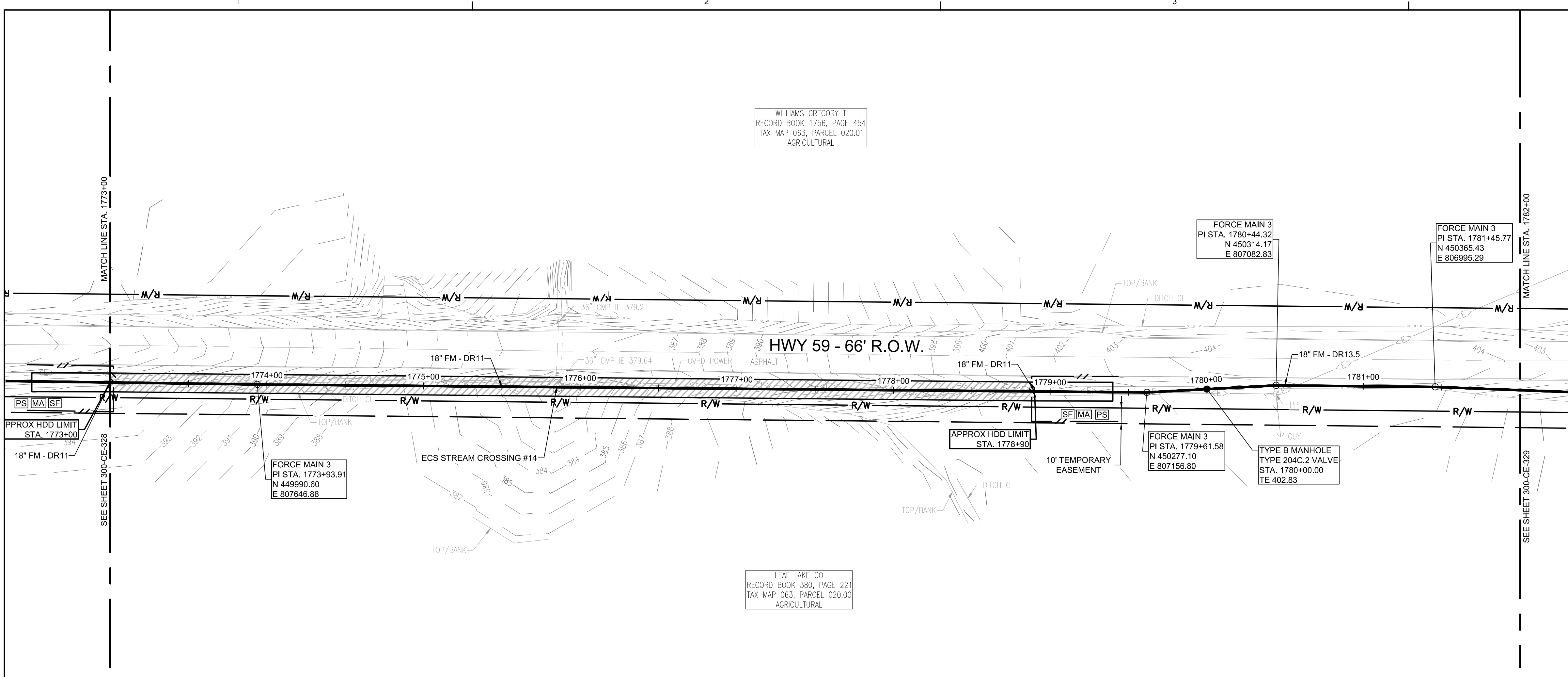
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1773+00.00 TO 1782+00.00
 STA. 1782+00.00 TO 1791+00.00

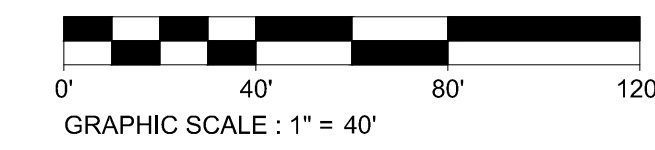
DRAWING NO:
300-CE-329



Know what's below.
 Call before you dig.



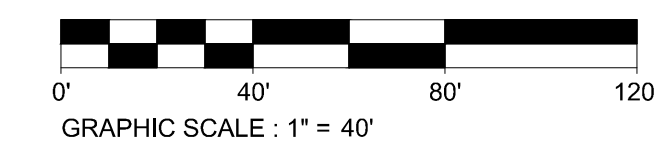
FORCE MAIN 3 - EPSC PLAN
STA. 1791+00.00 TO 1800+00.00
 SCALE: 1" = 40'



EPSC LEGEND

- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
- SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
- CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
- FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
- EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
- TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

FORCE MAIN 3 - EPSC PLAN
STA. 1800+00.00 TO 1809+00.00
 SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:

FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:



STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7365

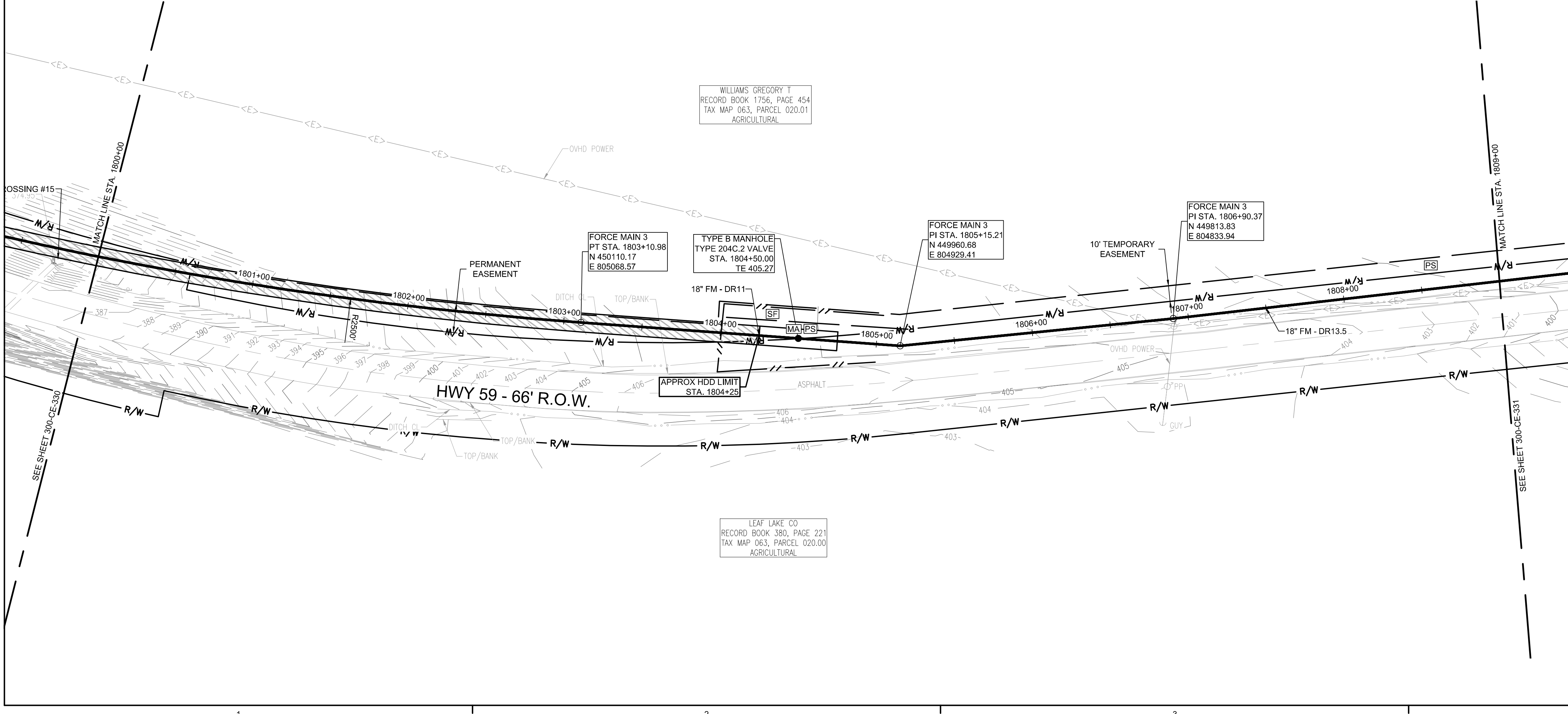
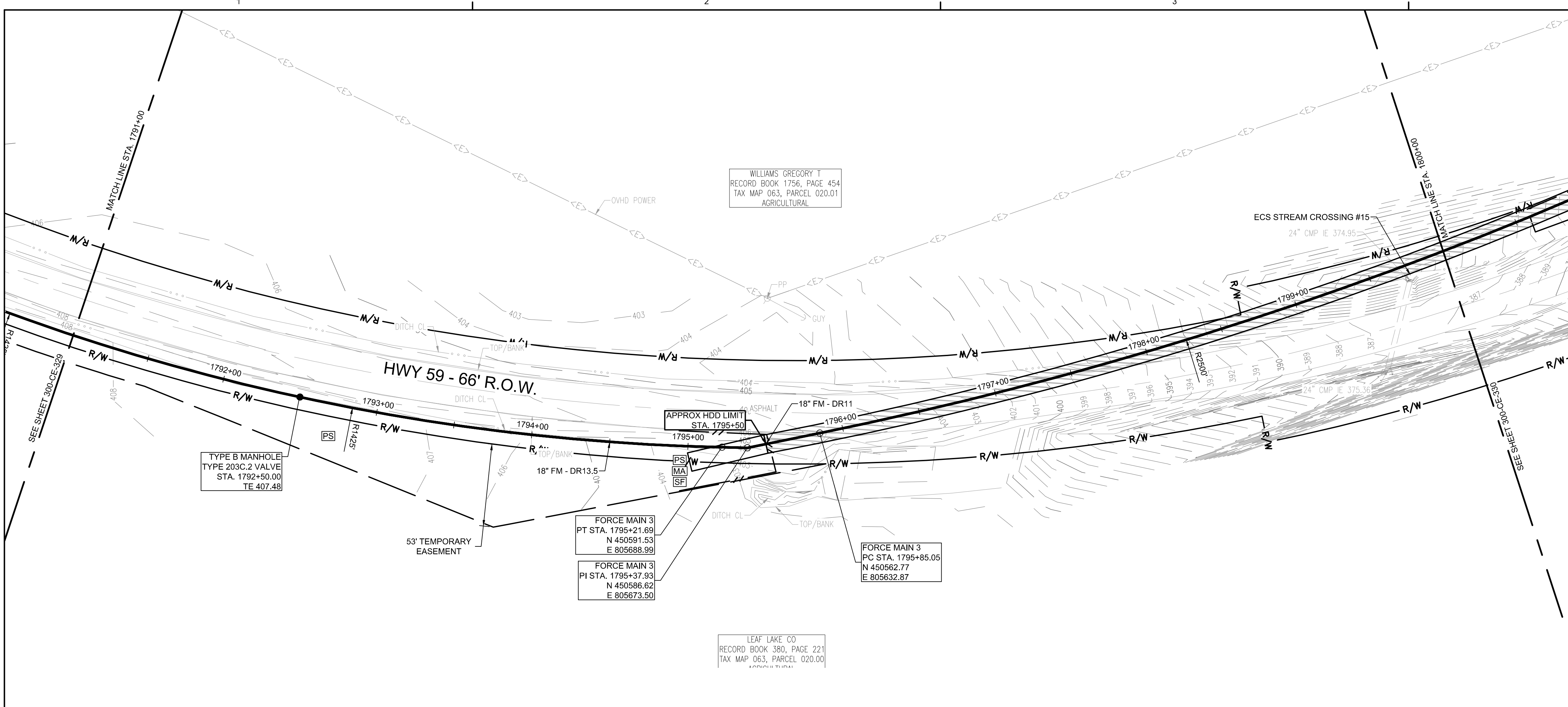
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

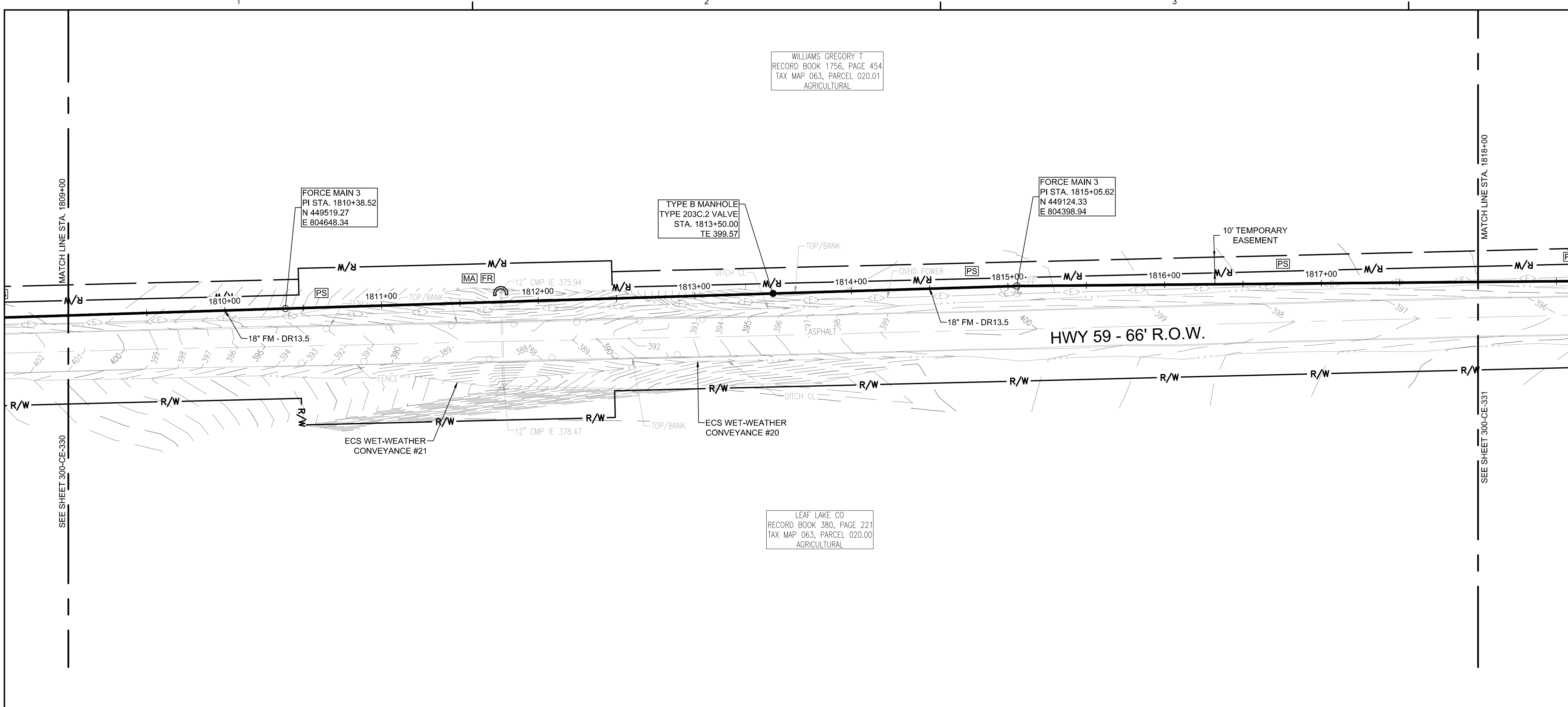
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1791+00.00 TO 1800+00.00
STA. 1800+00.00 TO 1809+00.00

DRAWING NO:
300-CE-330

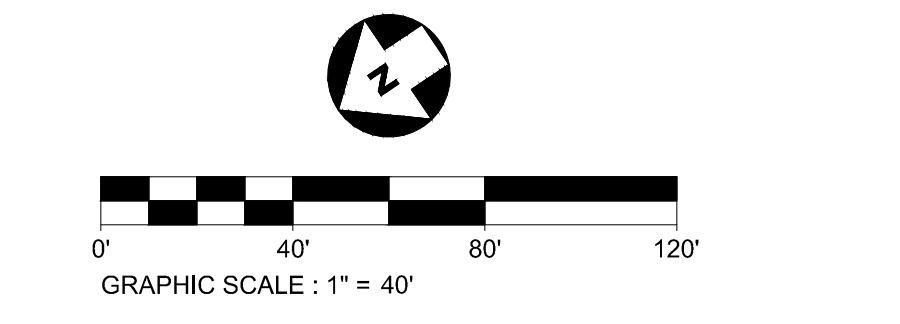


Know what's below.
 Call before you dig.

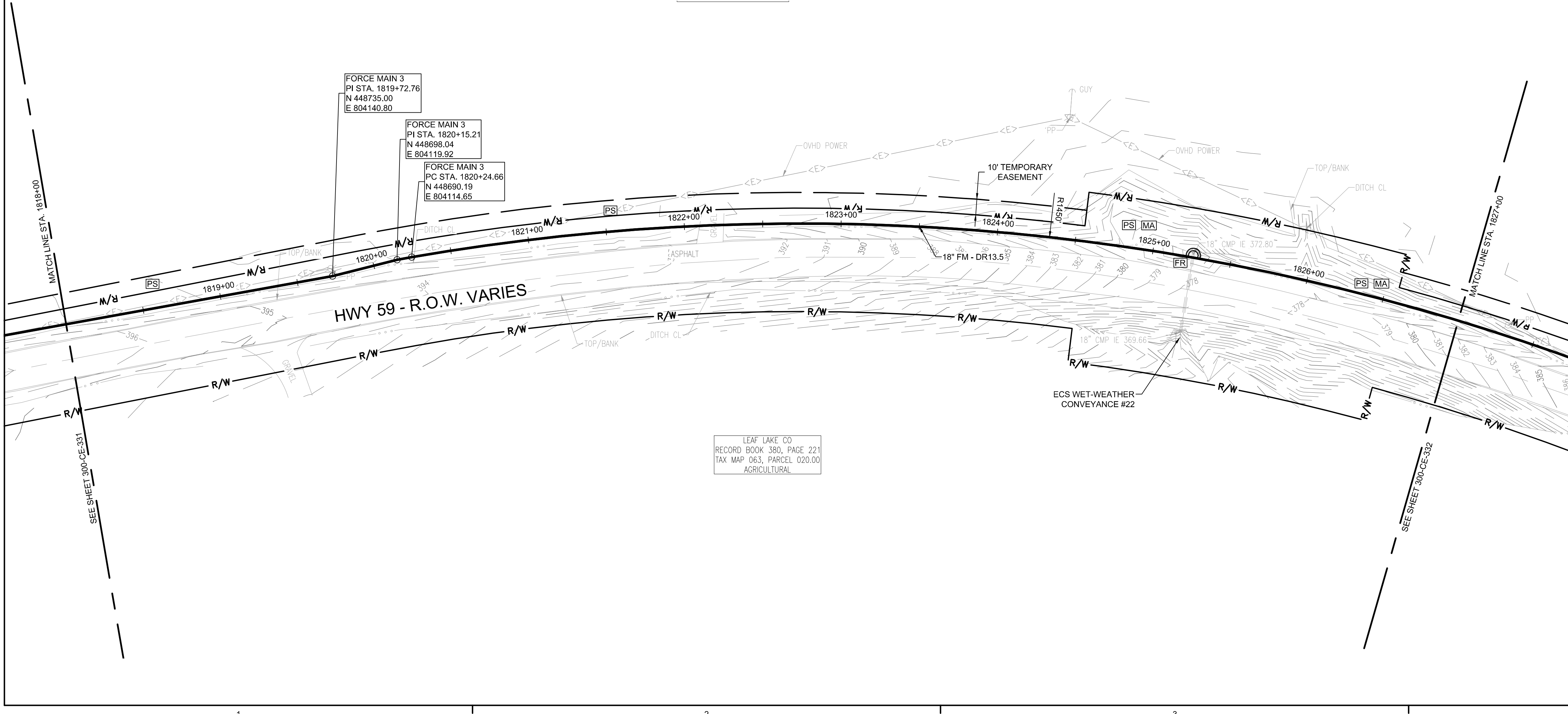




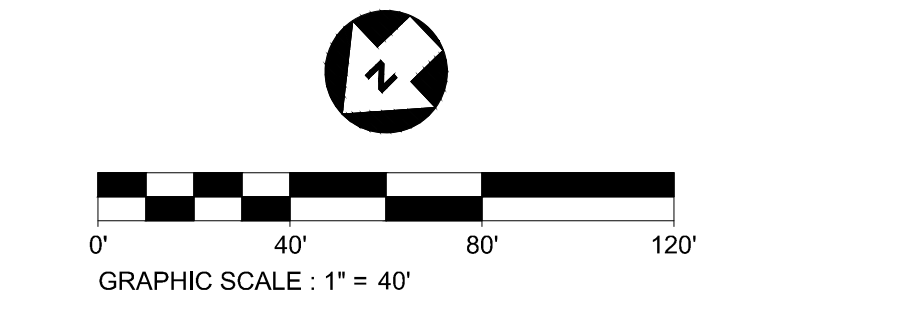
FORCE MAIN 3 - EPSC PLAN
STA. 1809+00.00 TO 1818+00.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

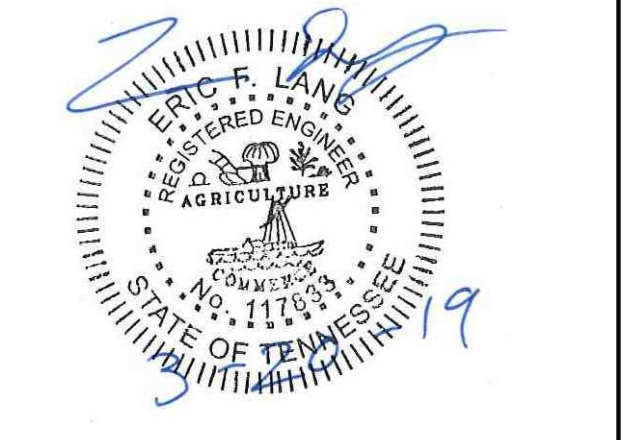


FORCE MAIN 3 - EPSC PLAN
STA. 1818+00.00 TO 1827+00.00



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

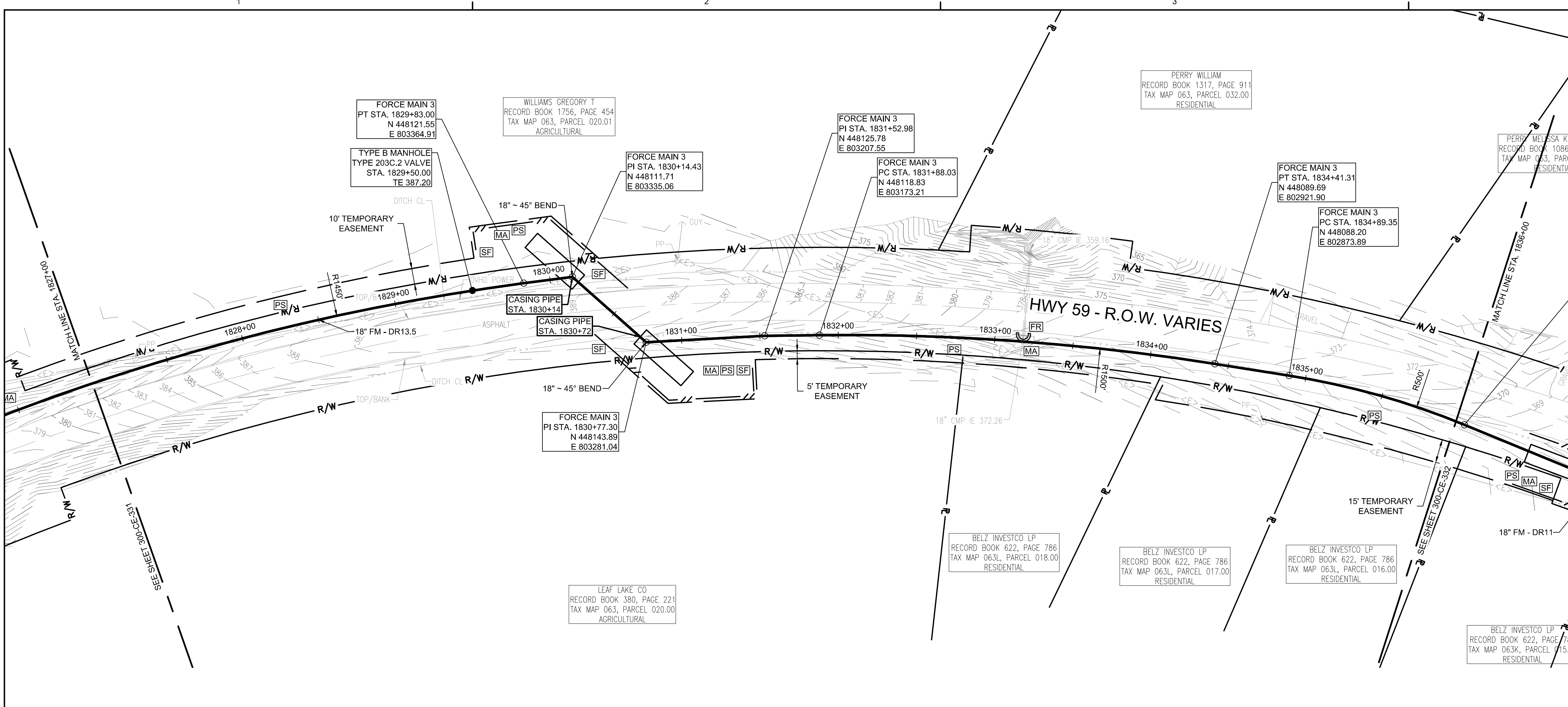
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1809+00.00 TO 1818+00.00
STA. 1818+00.00 TO 1827+00.00

DRAWING NO:
300-CE-331



Know what's below.
 Call before you dig.

c:\pdm\2221000\300-CE-331.dwg DATE: Dec 20, 2018 - 2:27pm USER: 15834

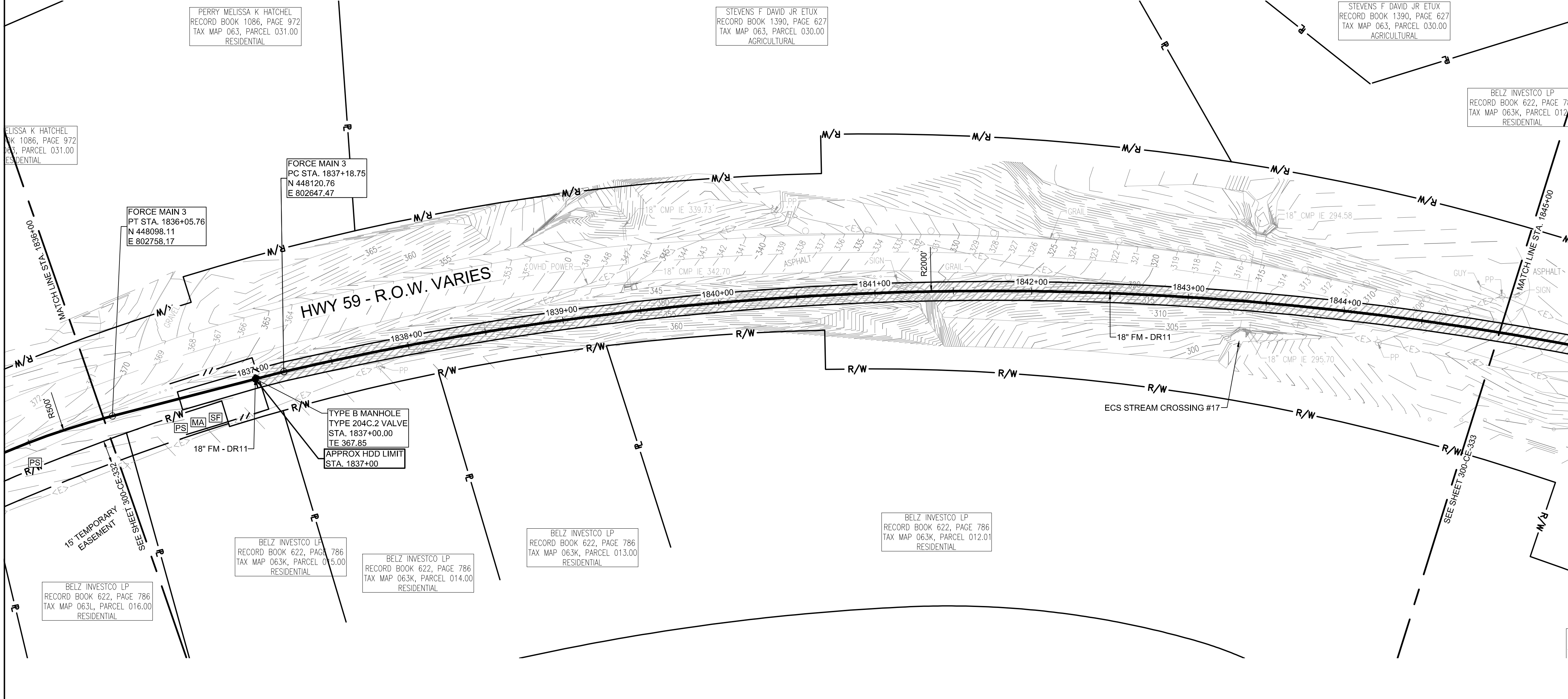


FORCE MAIN 3 - EPSC PLAN
STA. 1827+00.00 TO 1836+00.00

SCALE: 1" = 40'

 GRAPHIC SCALE: 1" = 40'

- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.



FORCE MAIN 3 - EPSC PLAN
STA. 1836+00.00 TO 1845+00.00

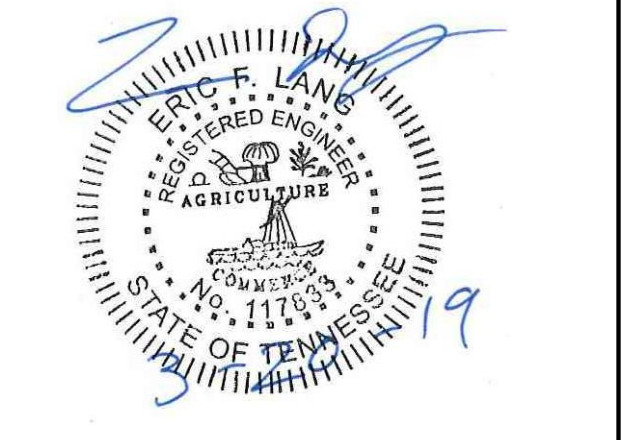
SCALE: 1" = 40'

 GRAPHIC SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7365

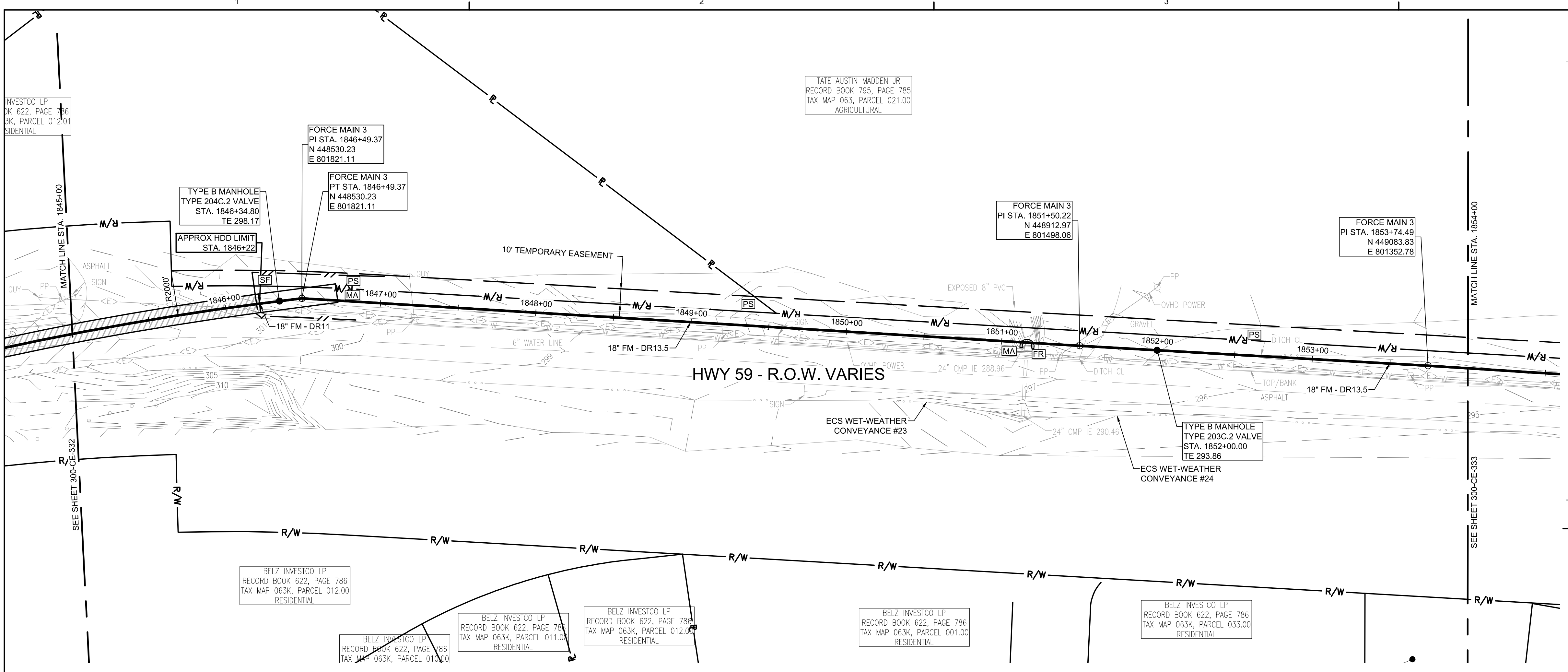
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1827+00.00 TO 1836+00.00
STA. 1836+00.00 TO 1845+00.00

DRAWING NO:
300-CE-332

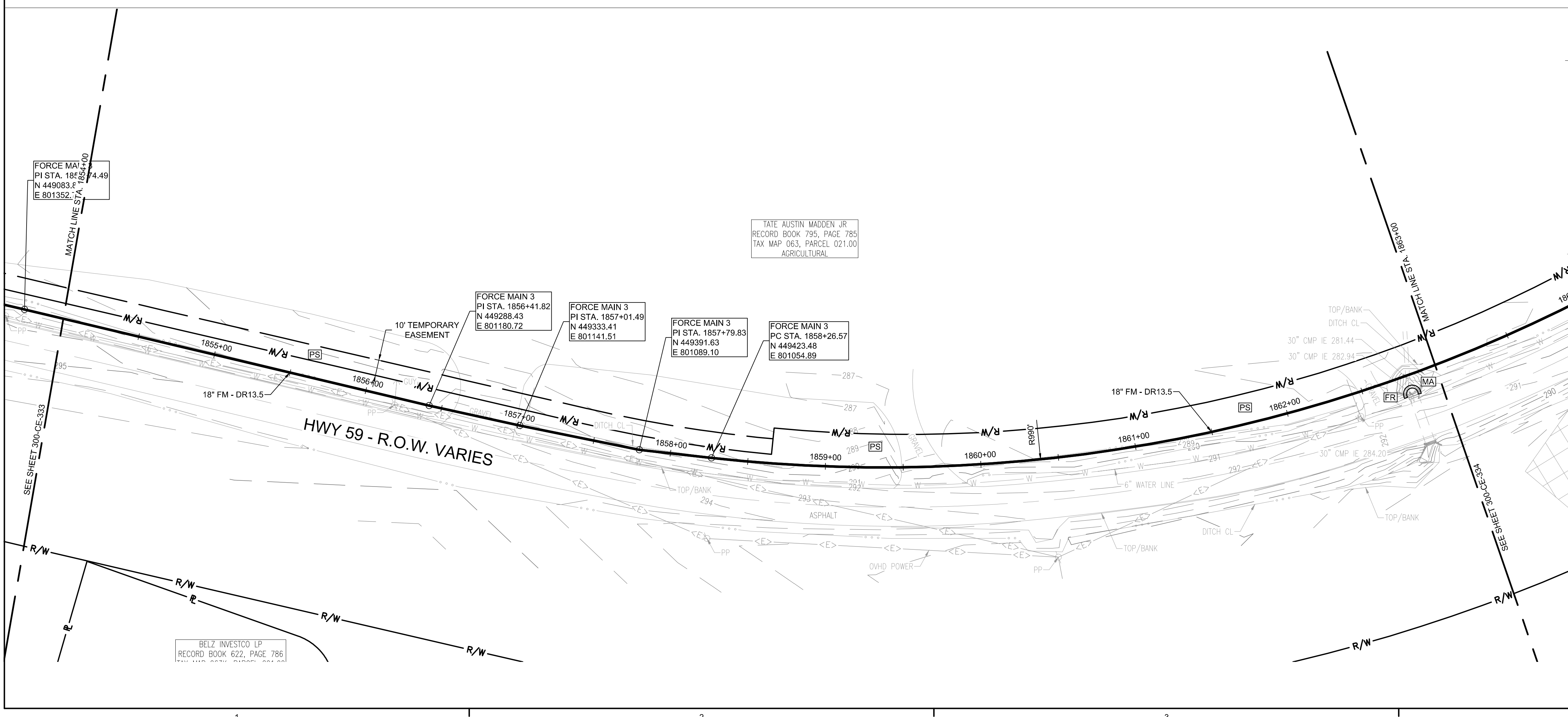


Know what's below.
 Call before you dig.



FORCE MAIN 3 - EPSC PLAN
STA. 1845+00.00 TO 1854+00.00
 SCALE: 1" = 40'

- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATting, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

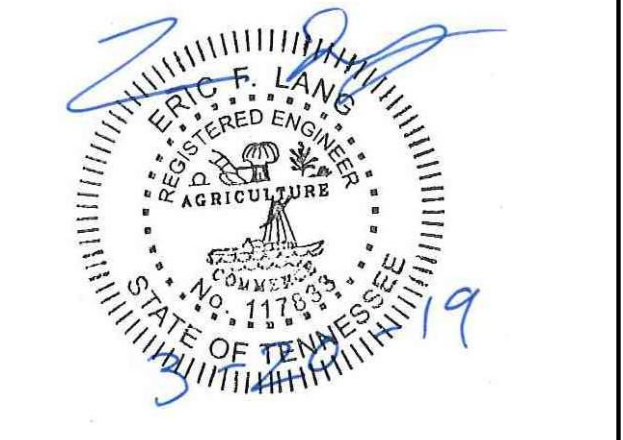


FORCE MAIN 3 - EPSC PLAN
STA. 1854+00.00 TO 1863+00.00
 SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN



STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
E	03/20/19	ISSUED FOR NPDES PERMIT
D	01/15/19	ISSUED FOR CDP REVIEW
C	12/20/18	ISSUED FOR NPDES PERMIT REVIEW
B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

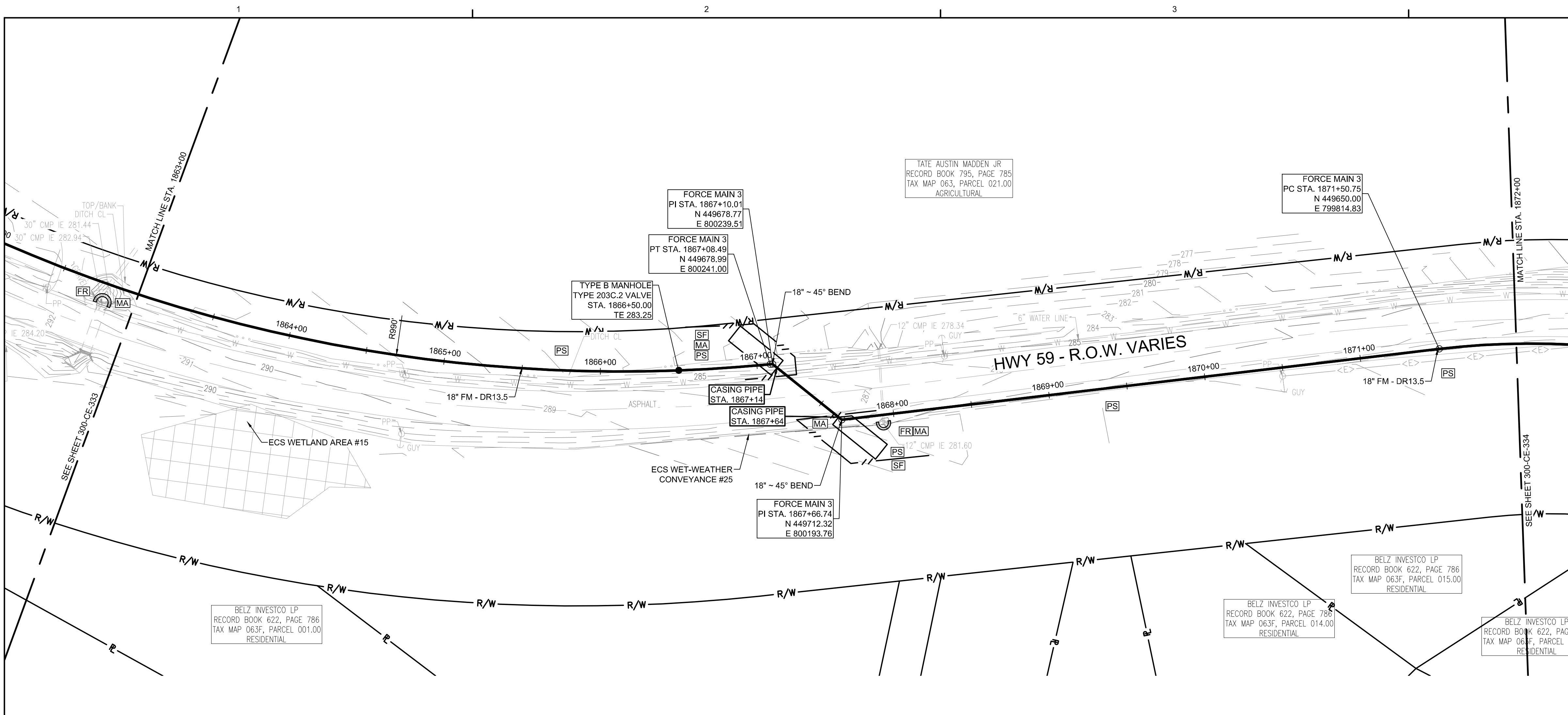
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FORCE MAIN 3 - EPSC PLAN
STA. 1845+00.00 TO 1854+00.00
STA. 1854+00.00 TO 1863+00.00

DRAWING NO:
300-CE-333

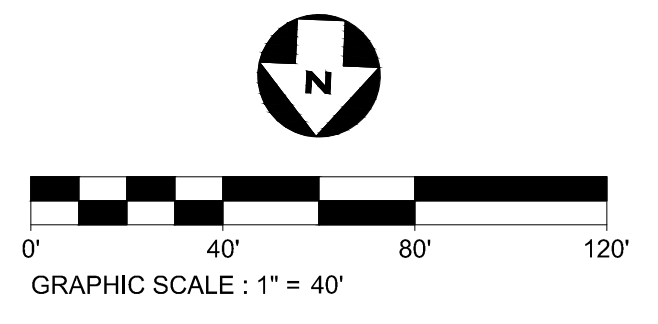


Know what's below.
 Call before you dig.

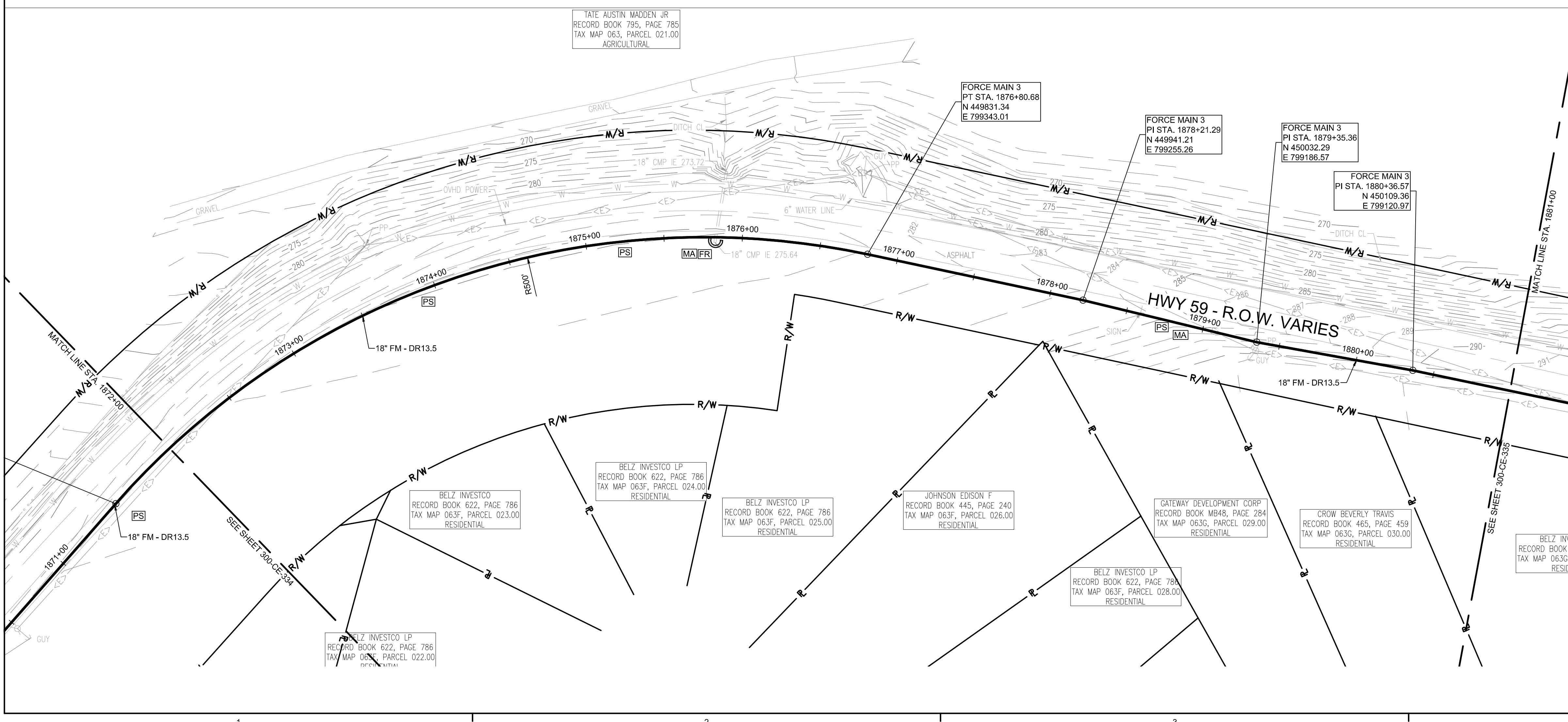
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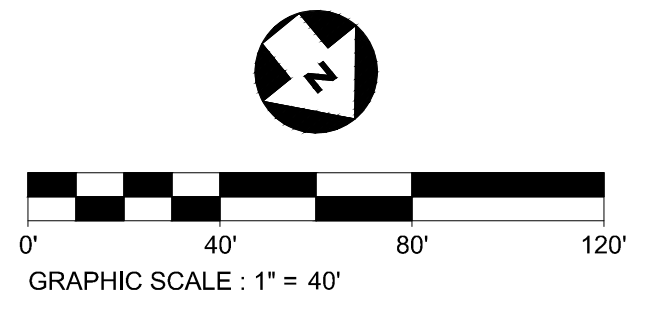
FORCE MAIN 3 - EPSC PLAN
STA. 1863+00.00 TO 1872+00.00
 SCALE: 1" = 40'



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

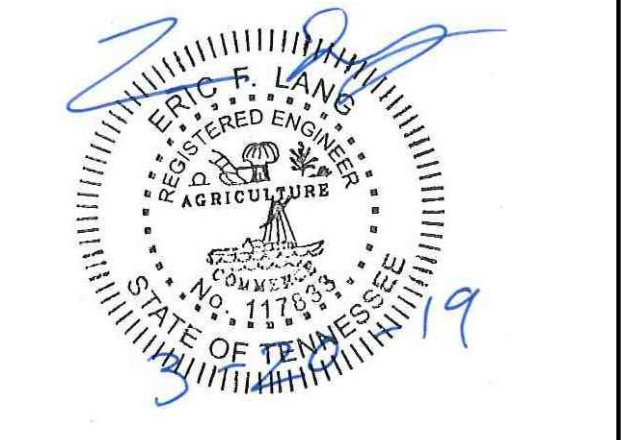


FORCE MAIN 3 - EPSC PLAN
STA. 1872+00.00 TO 1881+00.00
 SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN



STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
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A	11/02/18	ISSUED FOR DESIGN DEVELOP.
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7365

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

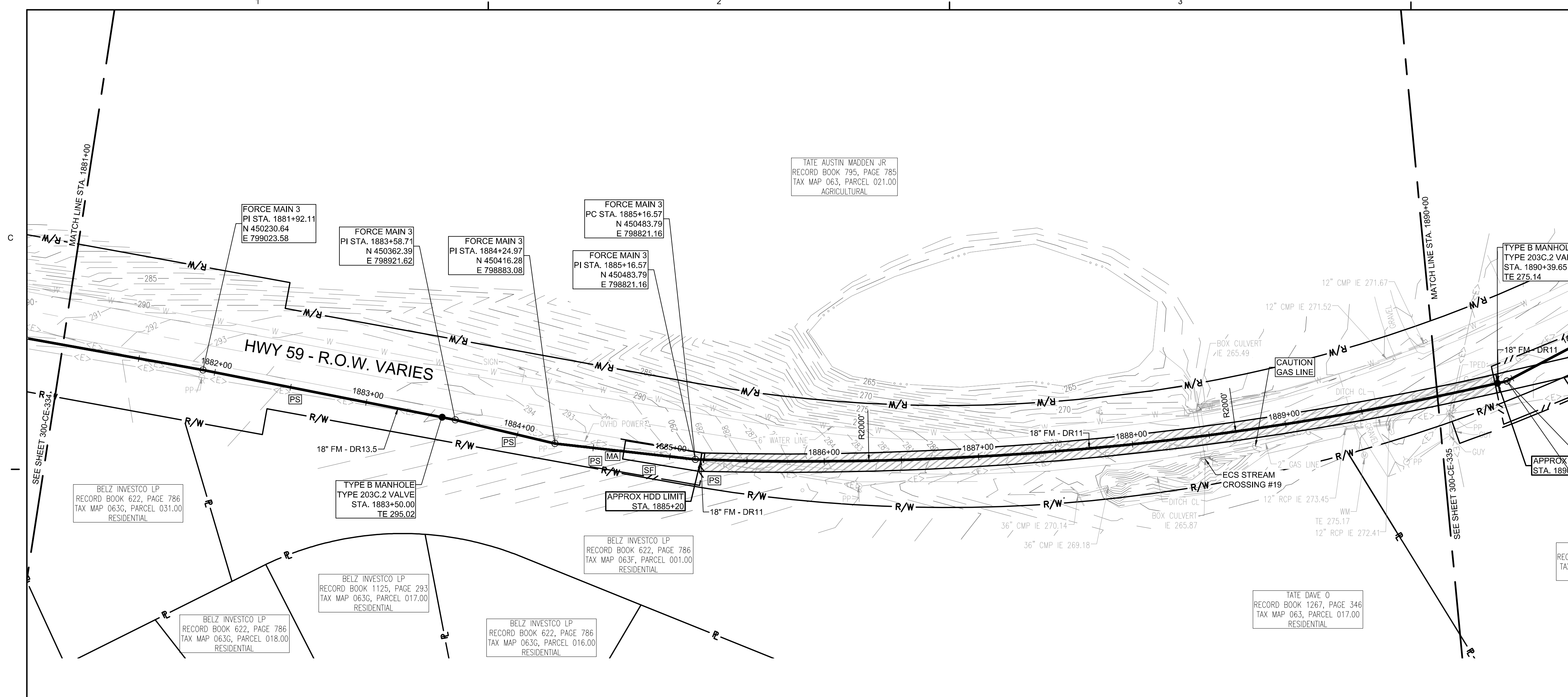
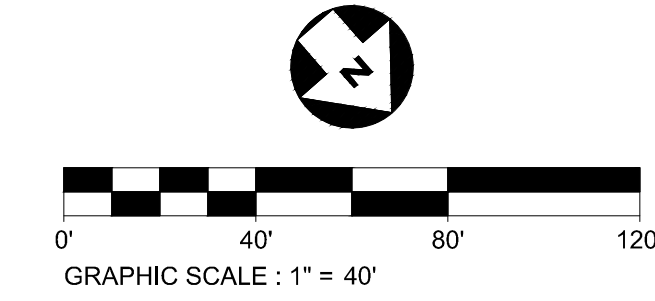
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FORCE MAIN 3 - EPSC PLAN
STA. 1863+00.00 TO 1872+00.00
STA. 1872+00.00 TO 1881+00.00

DRAWING NO:
300-CE-334



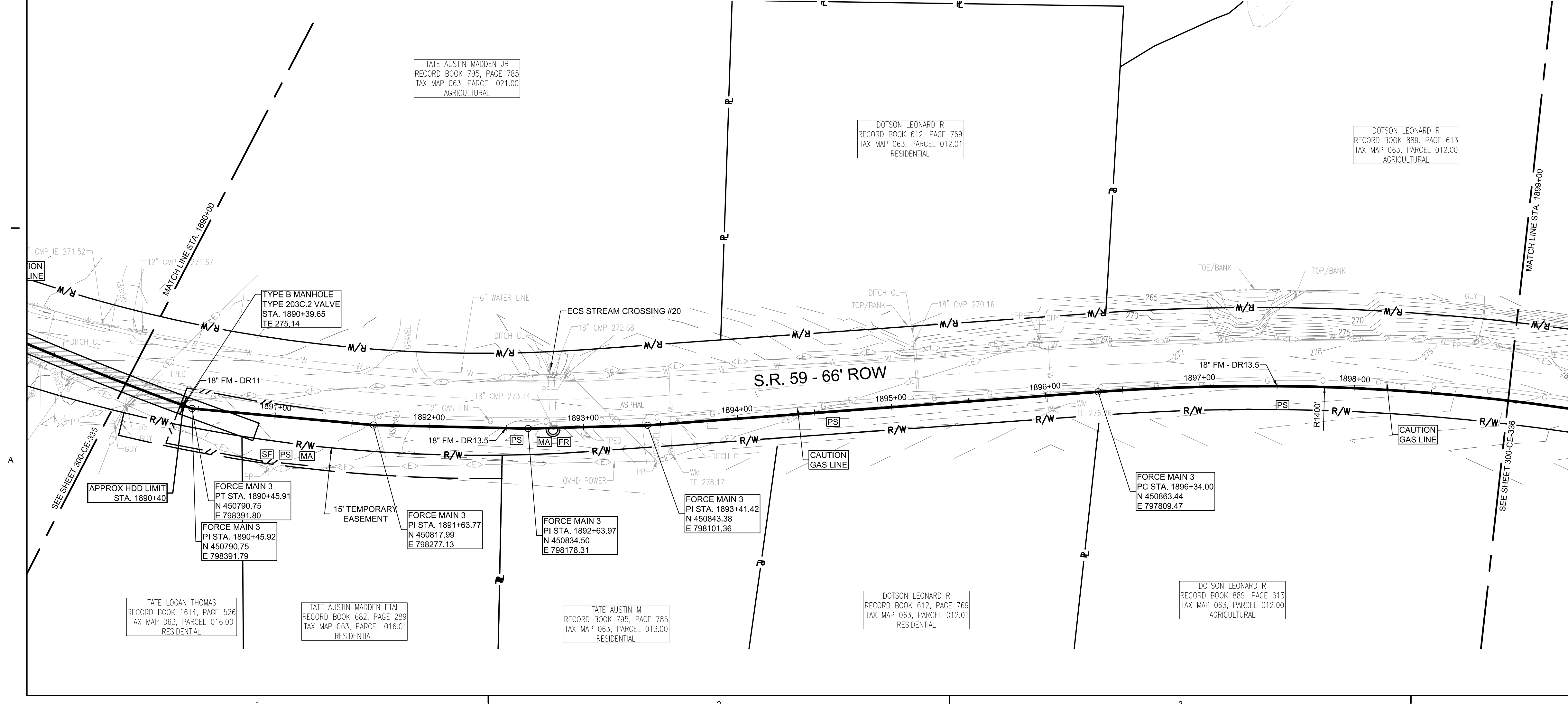
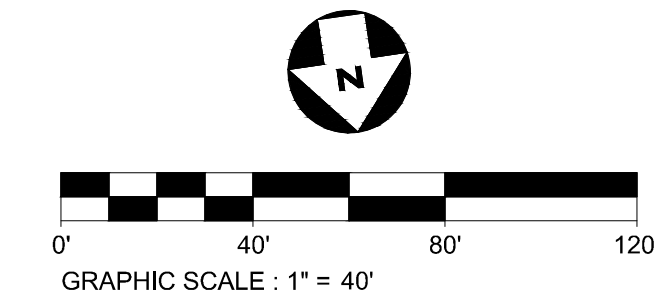
Know what's below.
 Call before you dig.

FORCE MAIN 3 - EPSC PLAN
STA. 1881+00.00 TO 1890+00.00
 SCALE: 1" = 40'



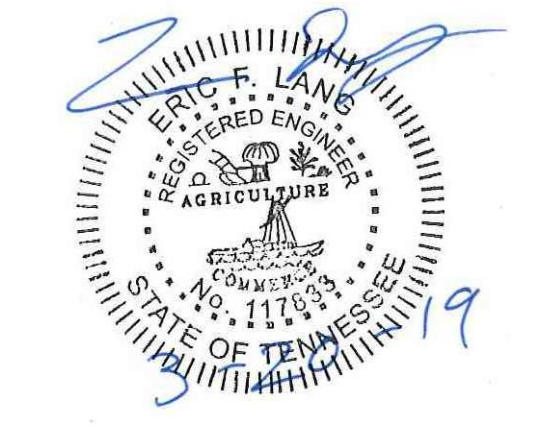
- EPSC LEGEND**
- PS DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SF SILTY FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CD CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FR FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - MA EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TP TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

FORCE MAIN 3 - EPSC PLAN
STA. 1890+00.00 TO 1899+00.00
 SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
 MEMPHIS REGIONAL MEGASITE
 HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
 SBC PROJECT
 529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
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B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.
NO.	DATE	SUBJECT
REVISION OR ISSUE		

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7395

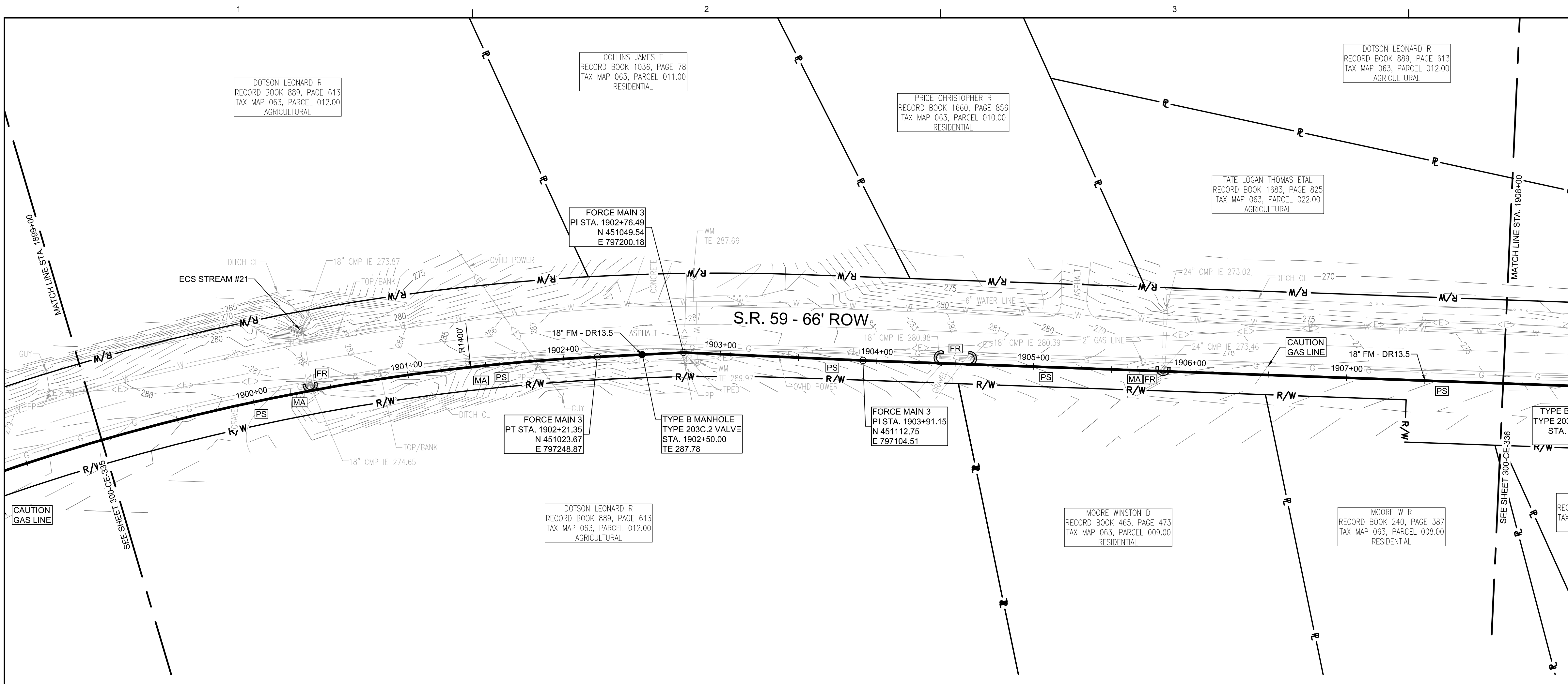
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
 STA. 1881+00.00 TO 1890+00.00
 STA. 1890+00.00 TO 1899+00.00

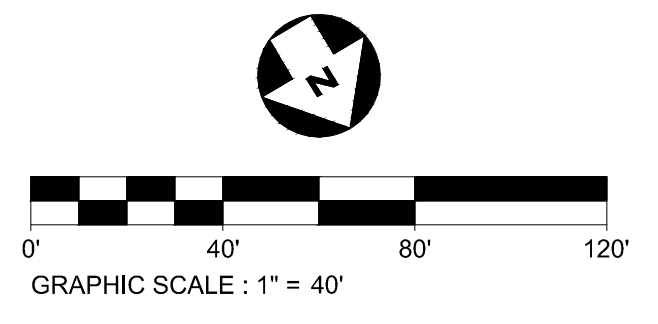
DRAWING NO:
300-CE-335



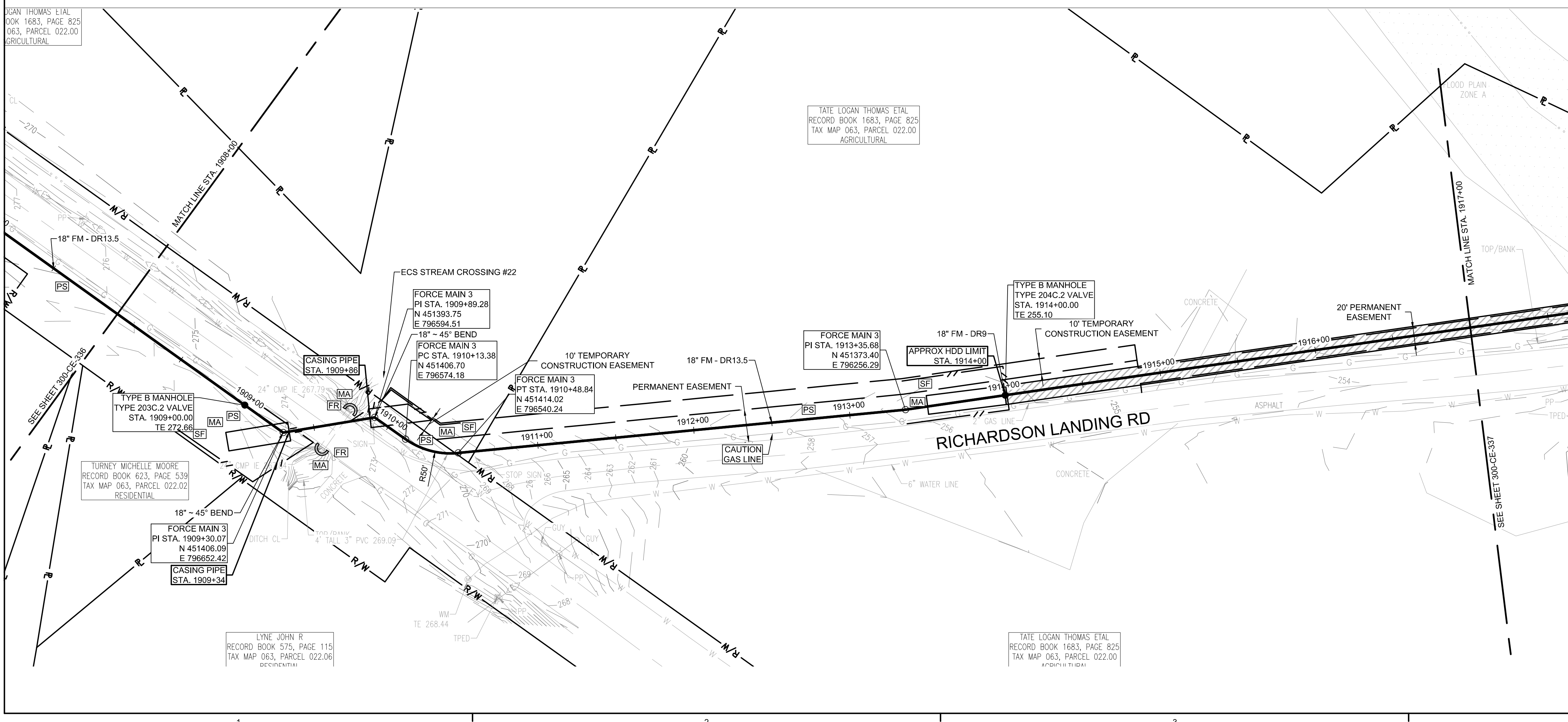
Know what's below.
 Call before you dig.



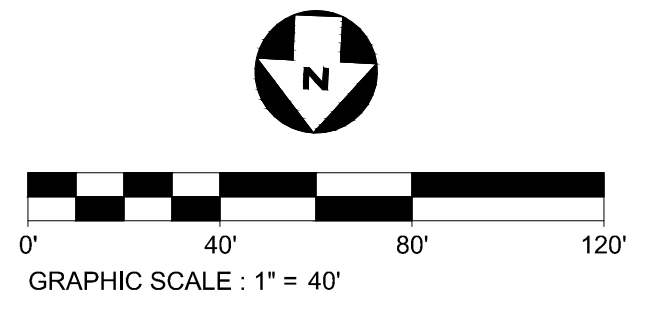
FORCE MAIN 3 - EPSC PLAN
STA. 1899+00.00 TO 1908+00.00
 SCALE: 1" = 40'



- EPSC LEGEND**
- PS DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SF SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CD CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FR FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - MA EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TP TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

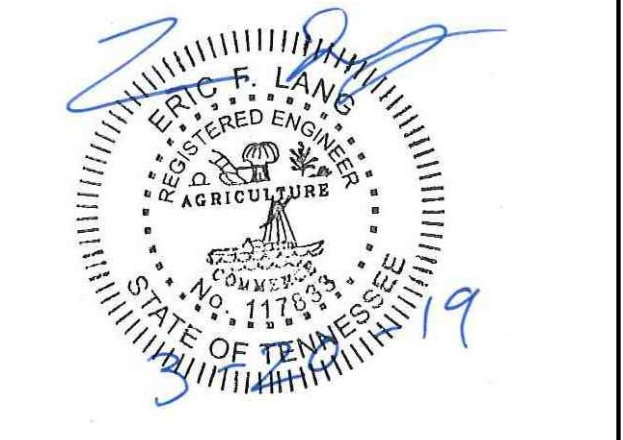


FORCE MAIN 3 - EPSC PLAN
STA. 1908+00.00 TO 1917+00.00
 SCALE: 1" = 40'



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
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SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7365

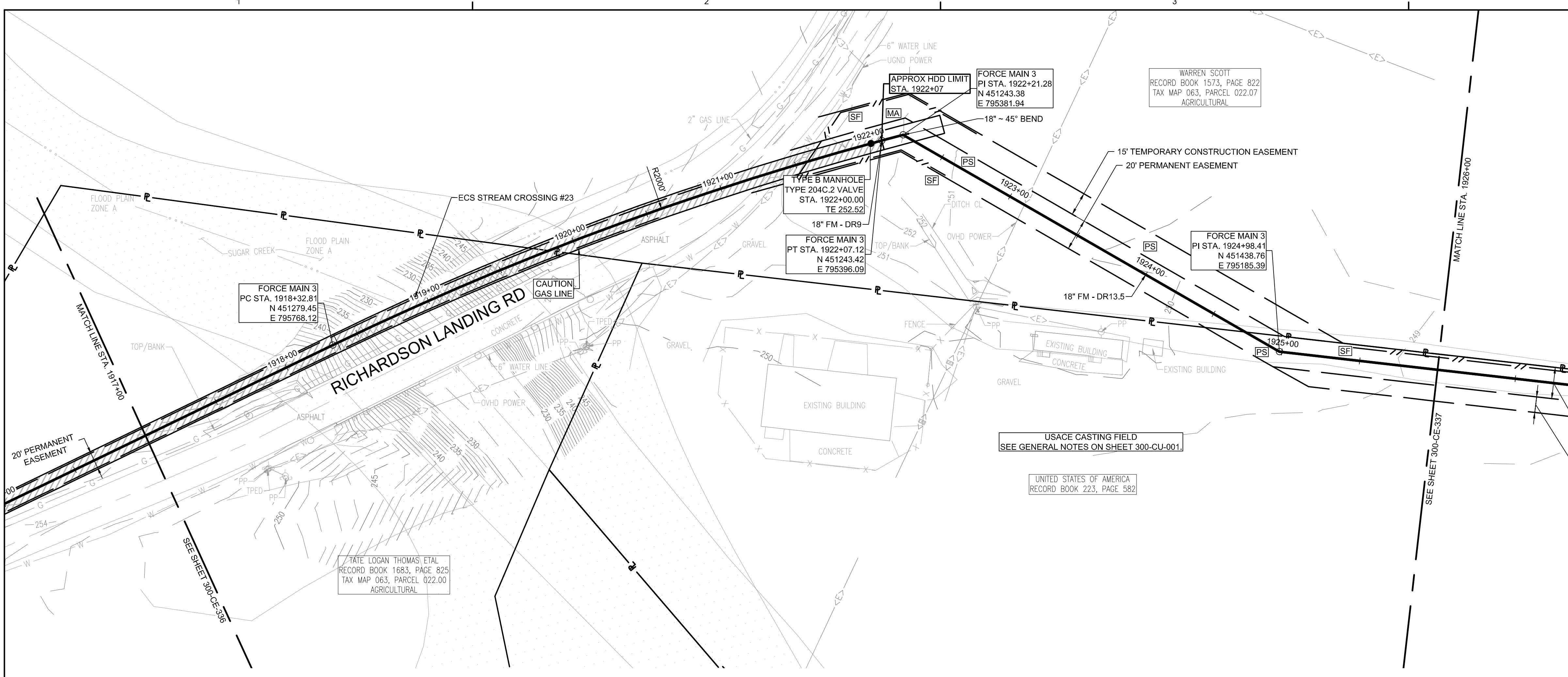
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1899+00.00 TO 1908+00.00
STA. 1908+00.00 TO 1917+00.00

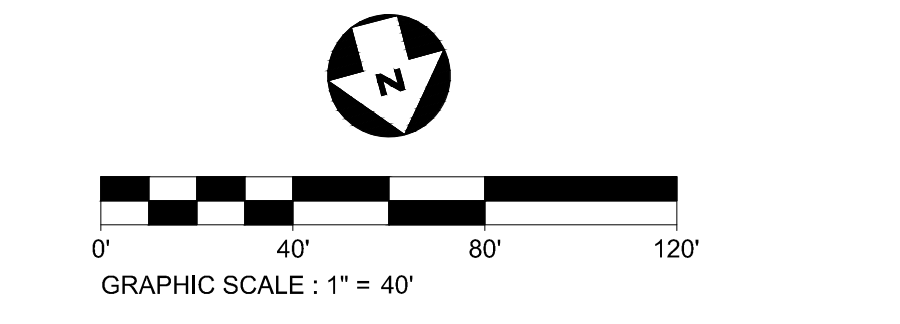
DRAWING NO:
300-CE-336



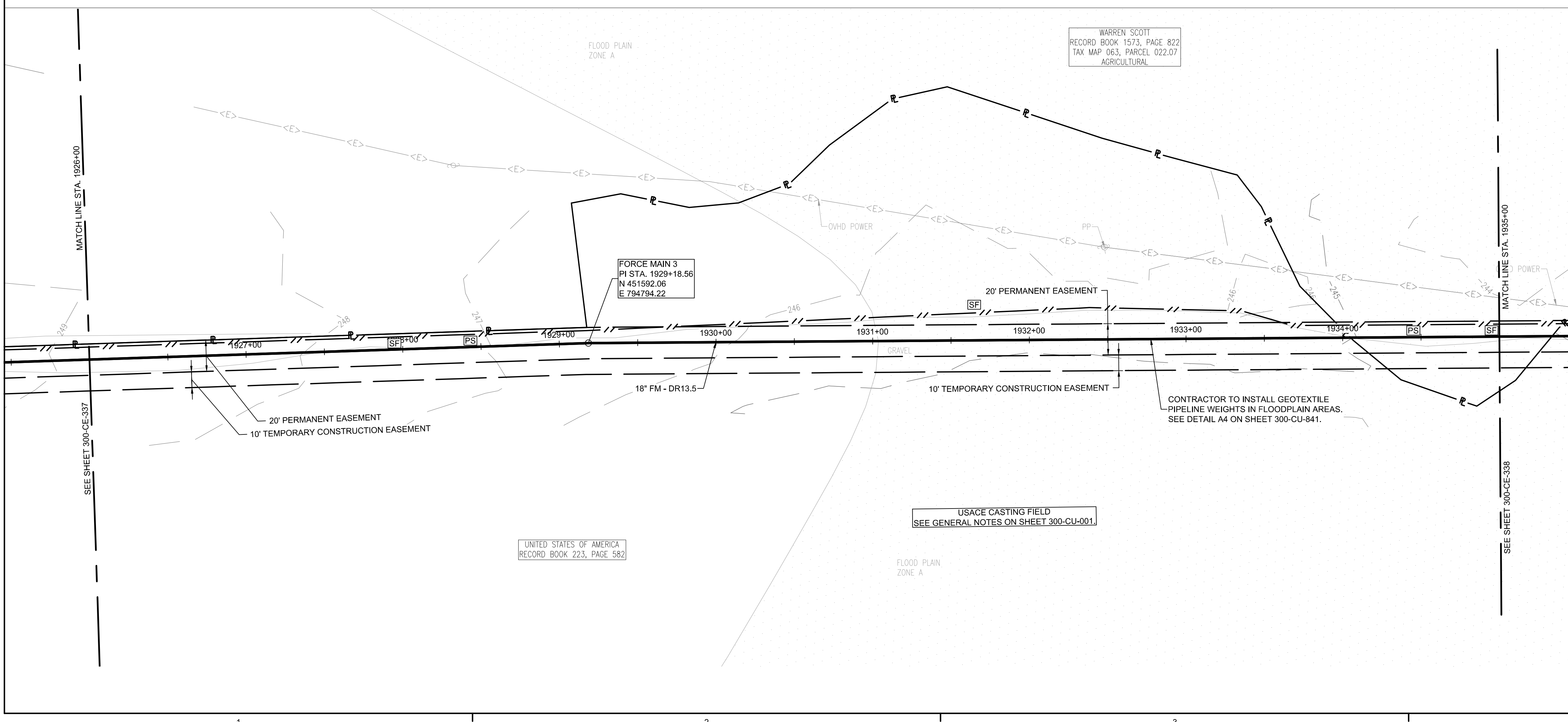
Know what's below.
 Call before you dig.



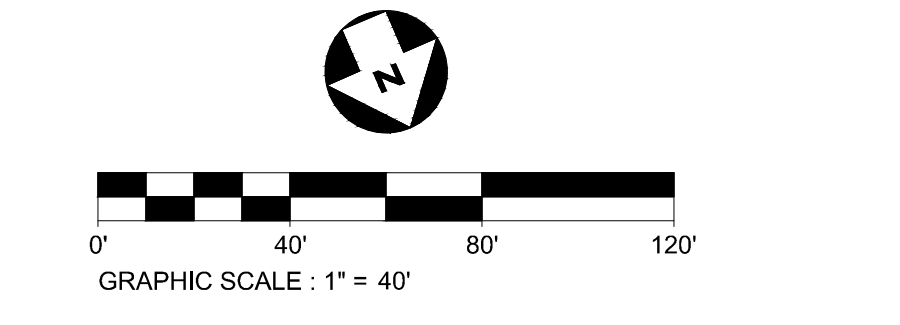
FORCE MAIN 3 - EPSC PLAN
STA. 1917+00.00 TO 1926+00.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
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 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

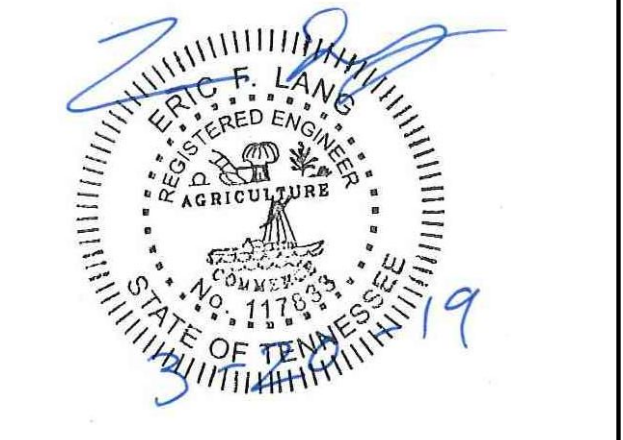


FORCE MAIN 3 - EPSC PLAN
STA. 1926+00.00 TO 1935+00.00



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

NO.	DATE	SUBJECT
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B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7385

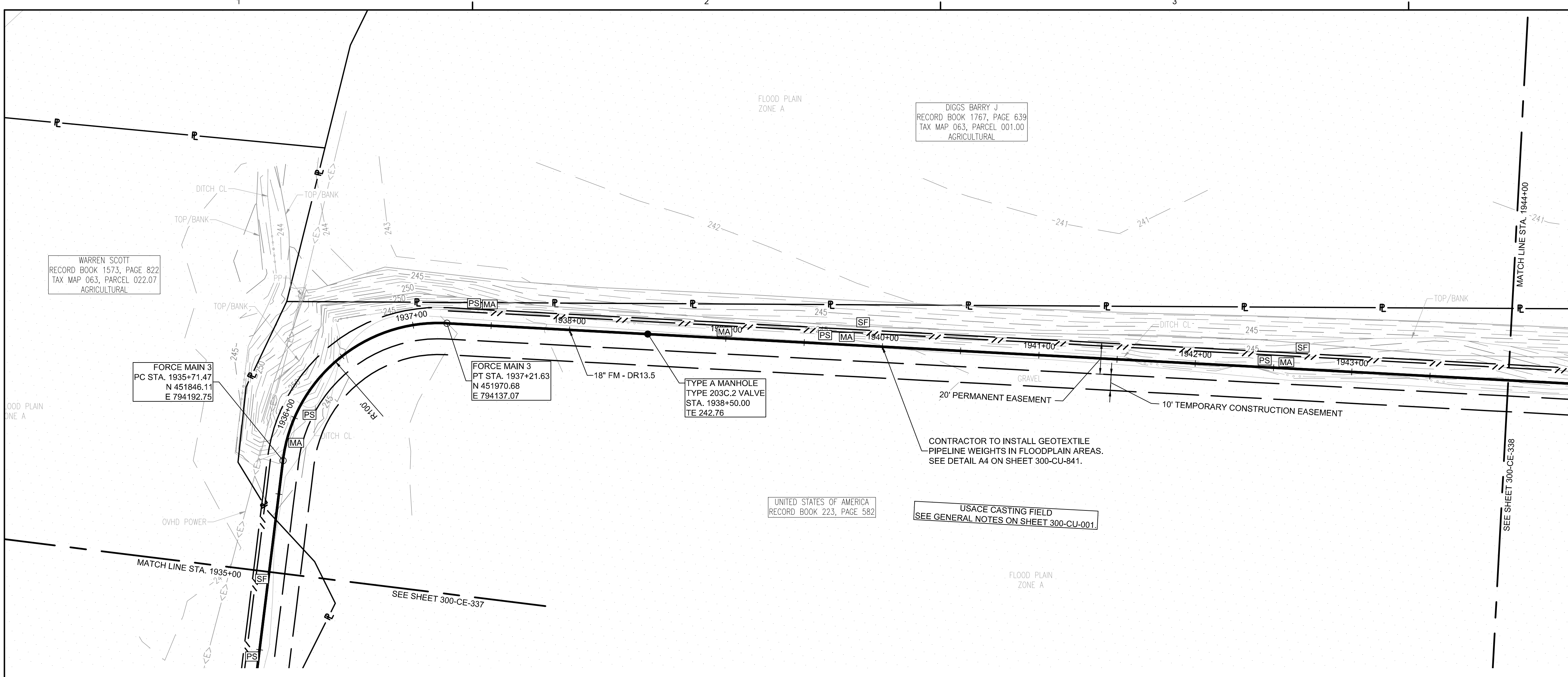
PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1917+00.00 TO 1926+00.00
STA. 1926+00.00 TO 1935+00.00

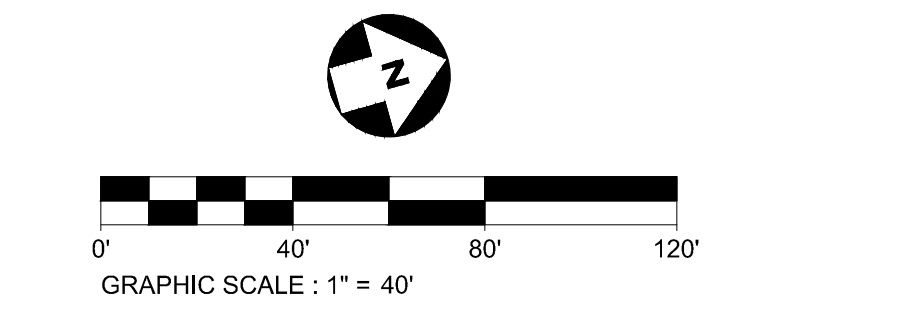
DRAWING NO:
300-CE-337



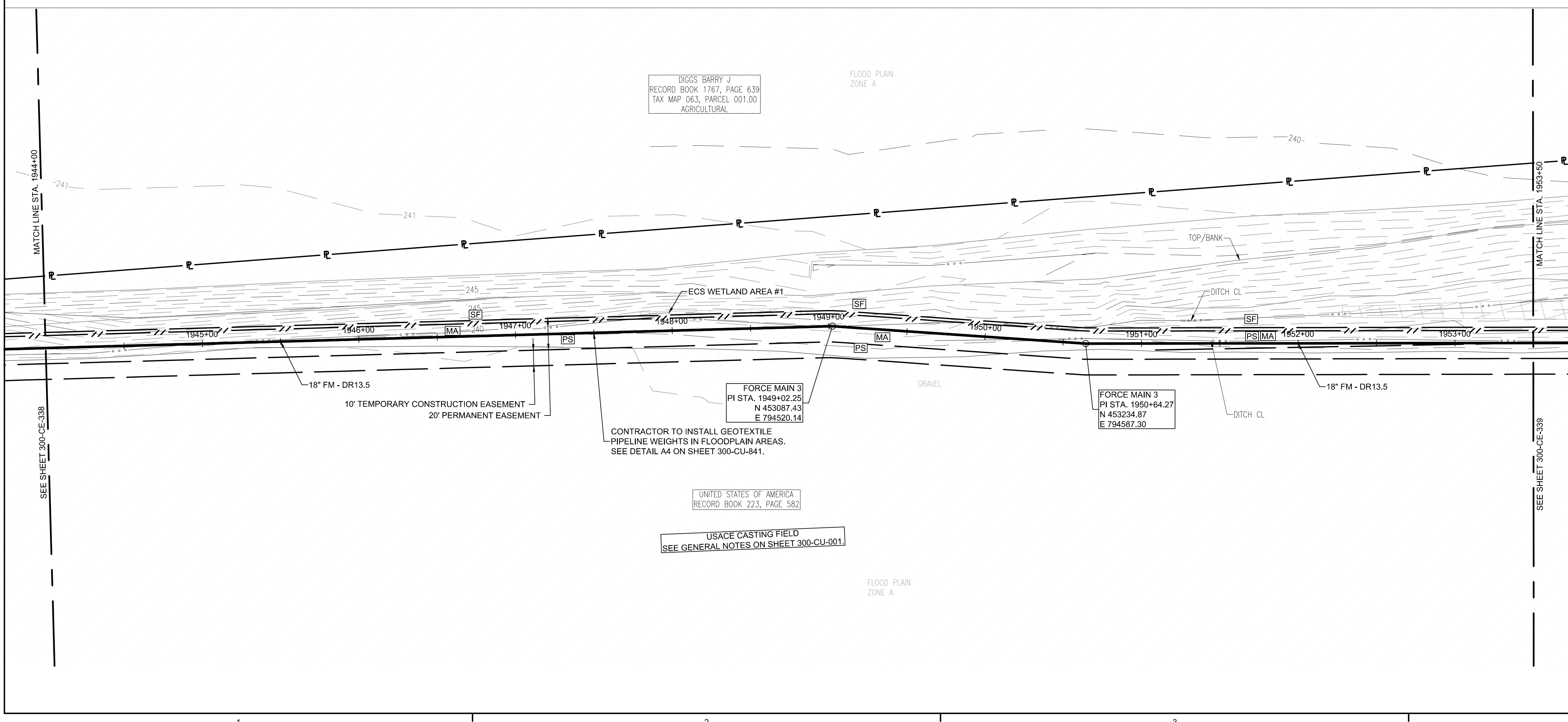
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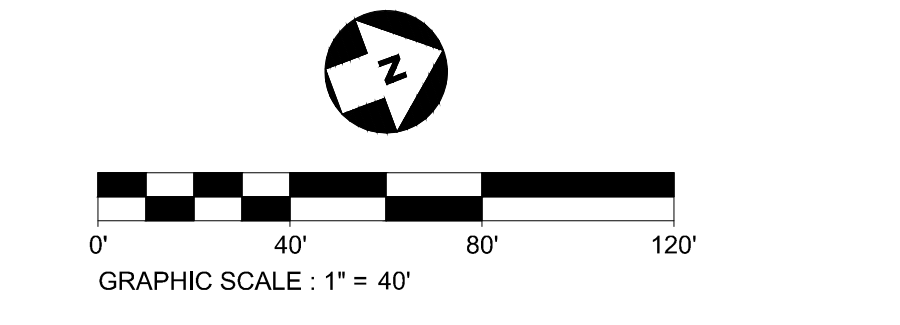
FORCE MAIN 3 - EPSC PLAN
STA. 1935+00.00 TO 1945+00.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

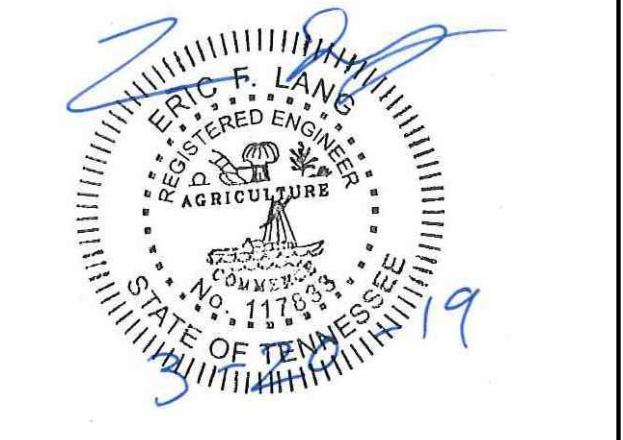


FORCE MAIN 3 - EPSC PLAN
STA. 1945+00.00 TO 1953+70.00



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
FORCE MAIN TRANSMISSION LINE 3
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

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A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7335

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

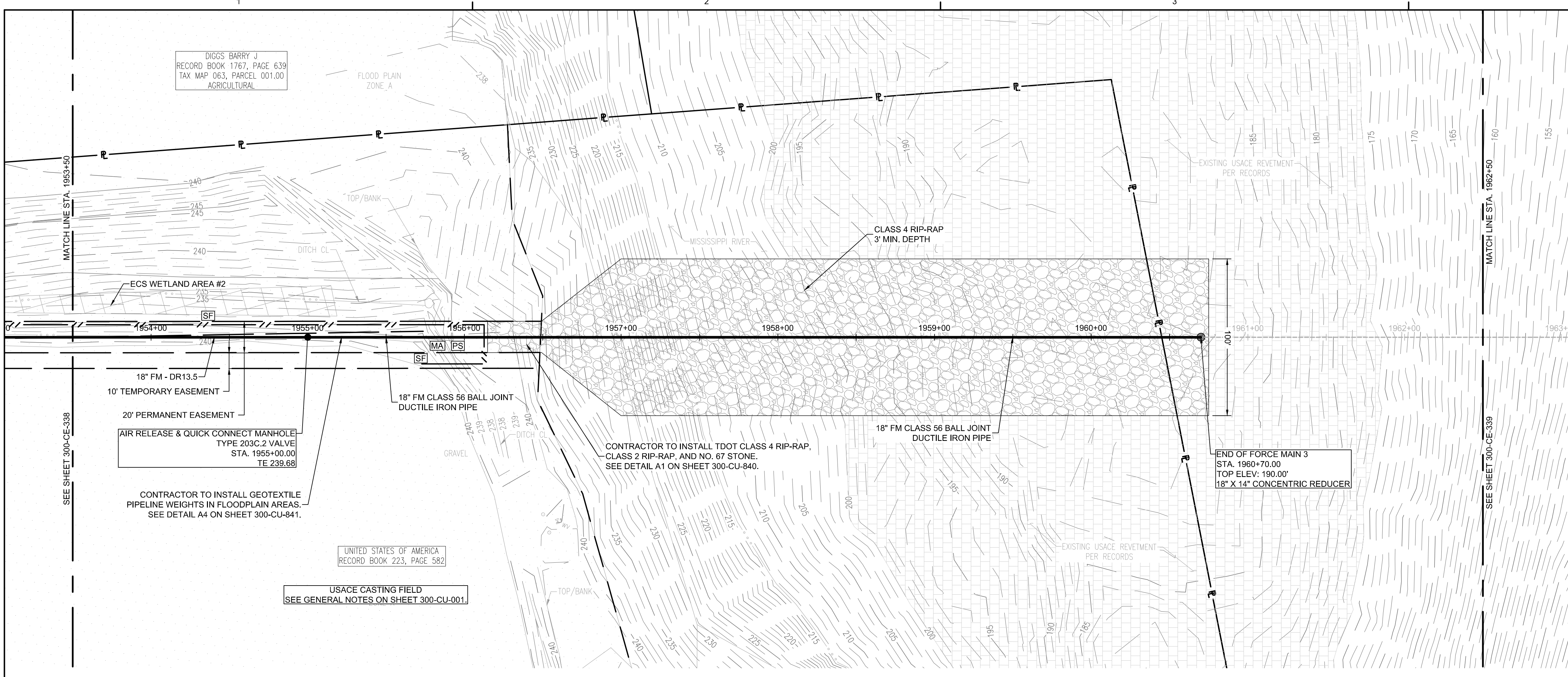
DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1935+00.00 TO 1945+00.00
STA. 1945+00.00 TO 1953+70.00

DRAWING NO:
300-CE-338

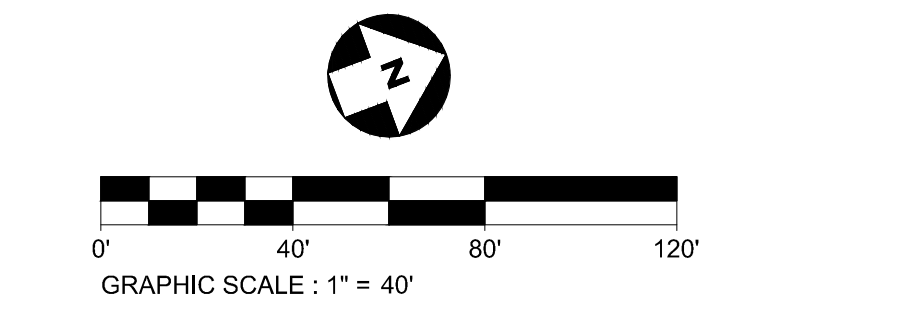


Know what's below.
 Call before you dig.

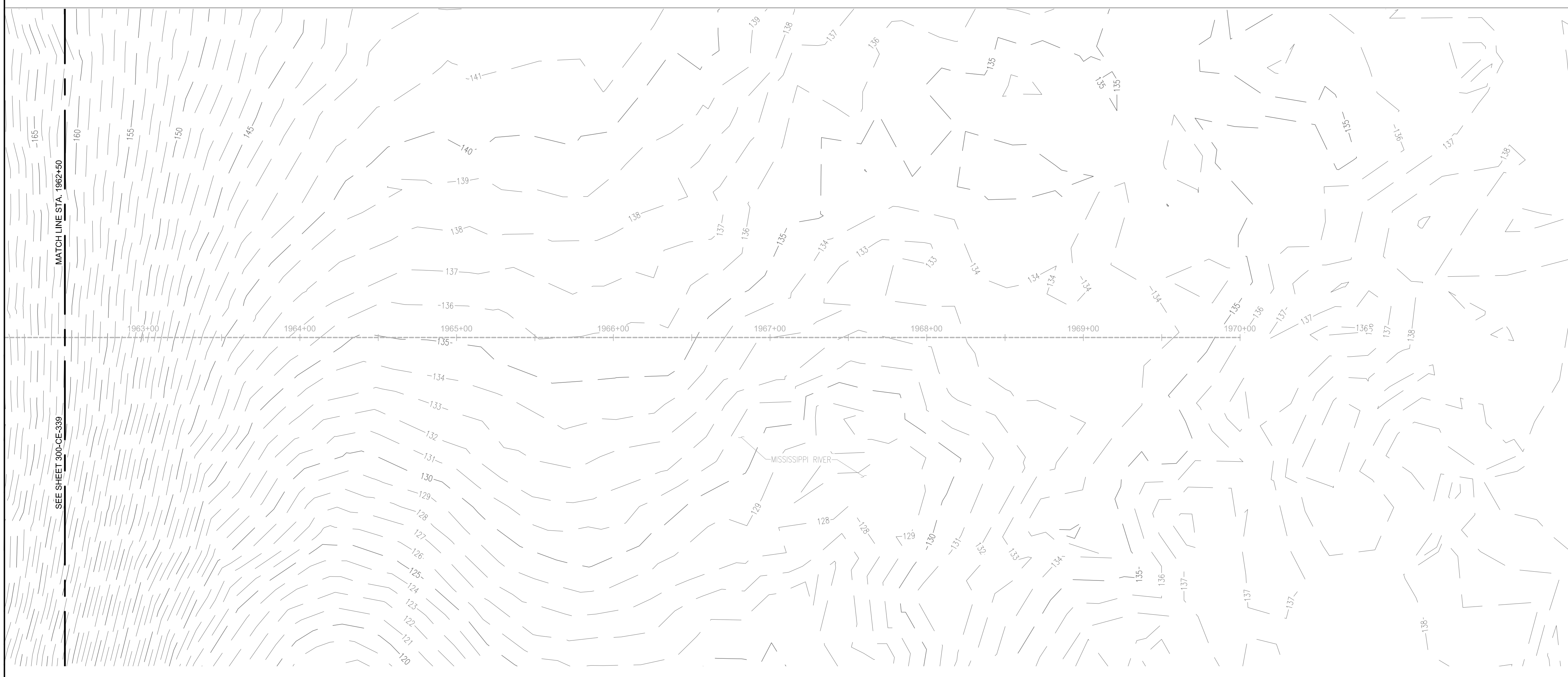
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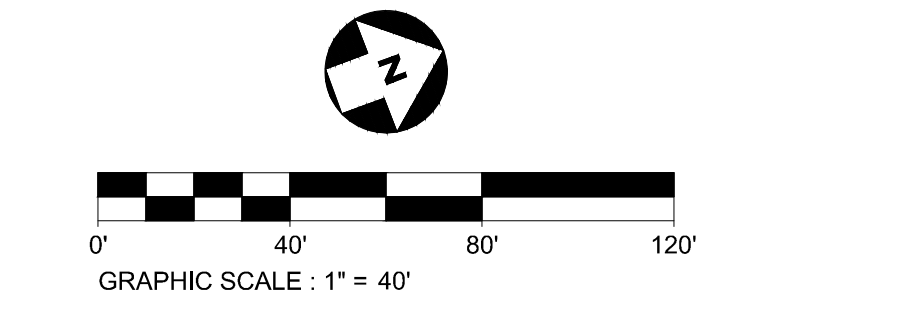
FORCE MAIN 3 - EPSC PLAN
STA. 1953+70.00 TO 1962+50.00



- EPSC LEGEND**
- DISTURBED AREA STABILIZATION WITH PERMANENT VEGETATION, RE: DETAIL C1 ON SHEET 300-CE-851.
 - SILT FENCE OR SEDIMENT LOGS, RE: DETAIL B3 OR A3 ON SHEET 300-CE-850.
 - CHECK DAM, RE: DETAIL A1 OR A3 ON SHEET 300-CE-851.
 - FILTER RING, RE: DETAILS B3 AND B4 ON SHEET 300-CE-851.
 - EROSION CONTROL BLANKET/MATTING, RE: DETAIL A2 ON SHEET 300-CE-851. EROSION CONTROL BLANKETS AND HYDROSEEDING SHALL BE USED ON SLOPES 10% OR GREATER AND IN DRAINAGE DITCHES AND SWALES. SODDING MAY BE USED AS AN ALTERNATIVE.
 - TREE PROTECTION, RE: DETAIL B1 ON SHEET 300-CE-850.

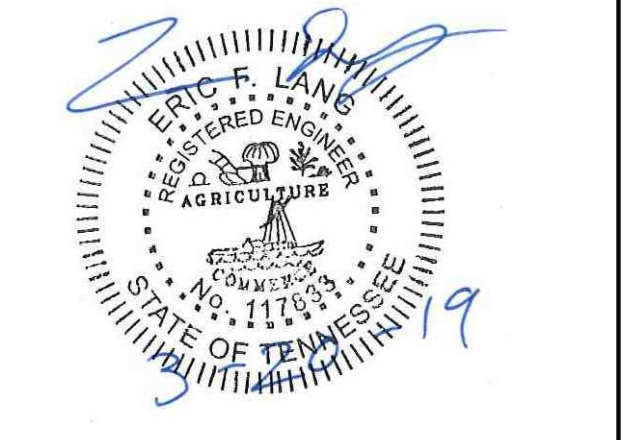


FORCE MAIN 3 - EPSC PLAN
STA. 1962+50.00 TO 1970+00.00



CONSULTANTS:

SEAL ON THIS DOCUMENT AUTHORIZED BY:



PROJECT INFORMATION:
**FORCE MAIN
TRANSMISSION LINE 3**
MEMPHIS REGIONAL MEGASITE
HAYWOOD COUNTY, TN

CLIENT INFORMATION:

STATE OF TN
SBC PROJECT
529/000-02-2010-17

CLIENT PROJECT NO: 529/000-02-2010

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B	12/20/18	ISSUED FOR ARAP PERMIT REVIEW
A	11/02/18	ISSUED FOR DESIGN DEVELOP.

SSOE, Inc.
320 Seven Springs Way, Suite 350
Brentwood, TN 37027
T 615-661-7395

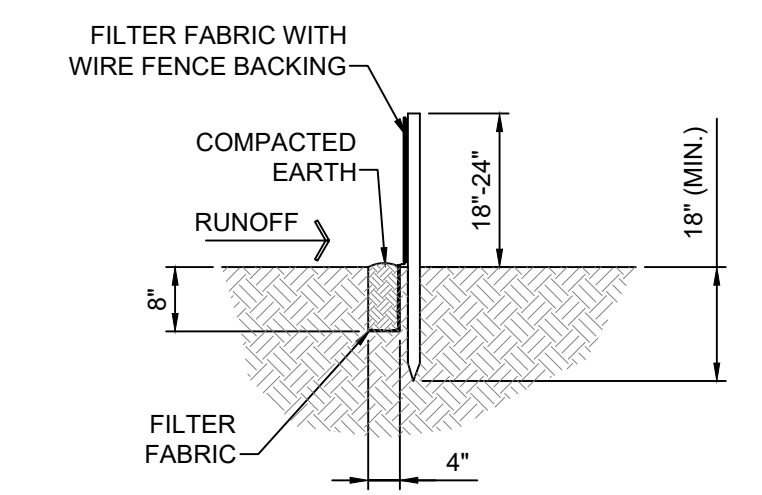
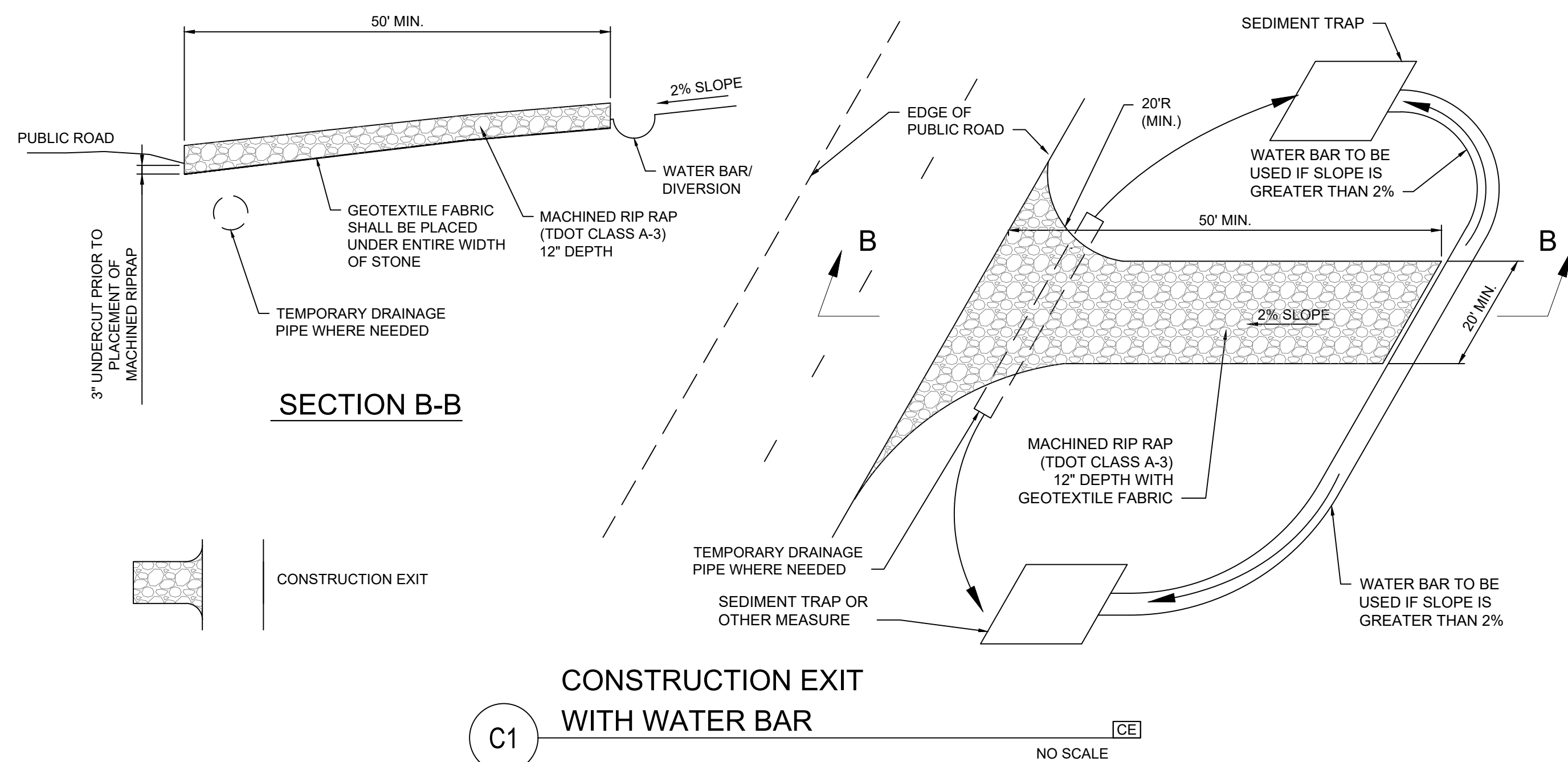
PROJECT NO: 012-02080-16
PROJECT MANAGER: D. HIBDON
DESIGNED: E. LANG
CHECKED: C. HARTMAN

DRAWING TITLE:
FORCE MAIN 3 - EPSC PLAN
STA. 1953+70.00 TO 1962+50.00
STA. 1962+50.00 TO 1970+00.00

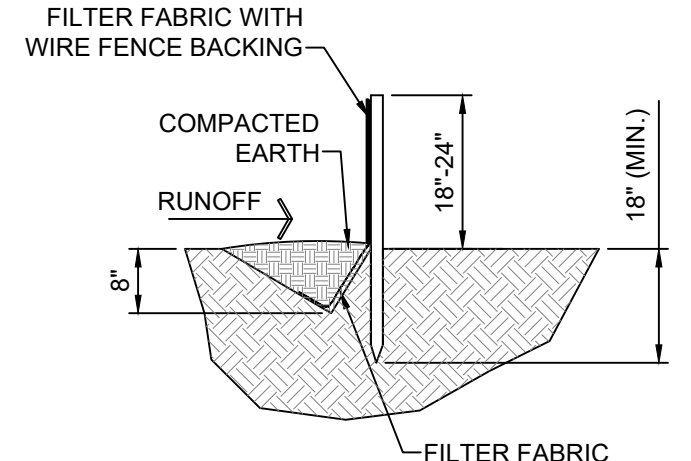
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300-CE-339



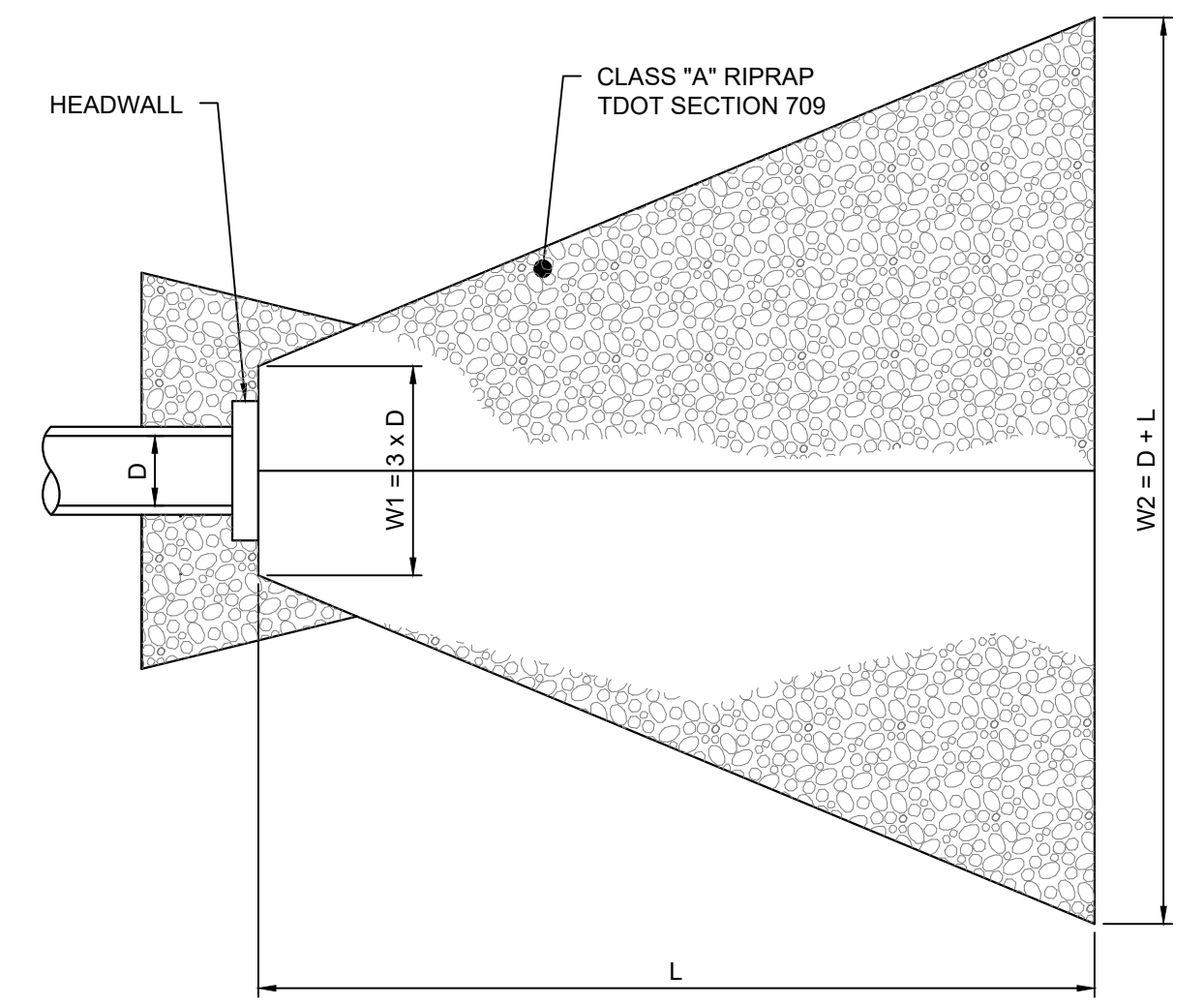
Know what's below.
Call before you dig.



FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL

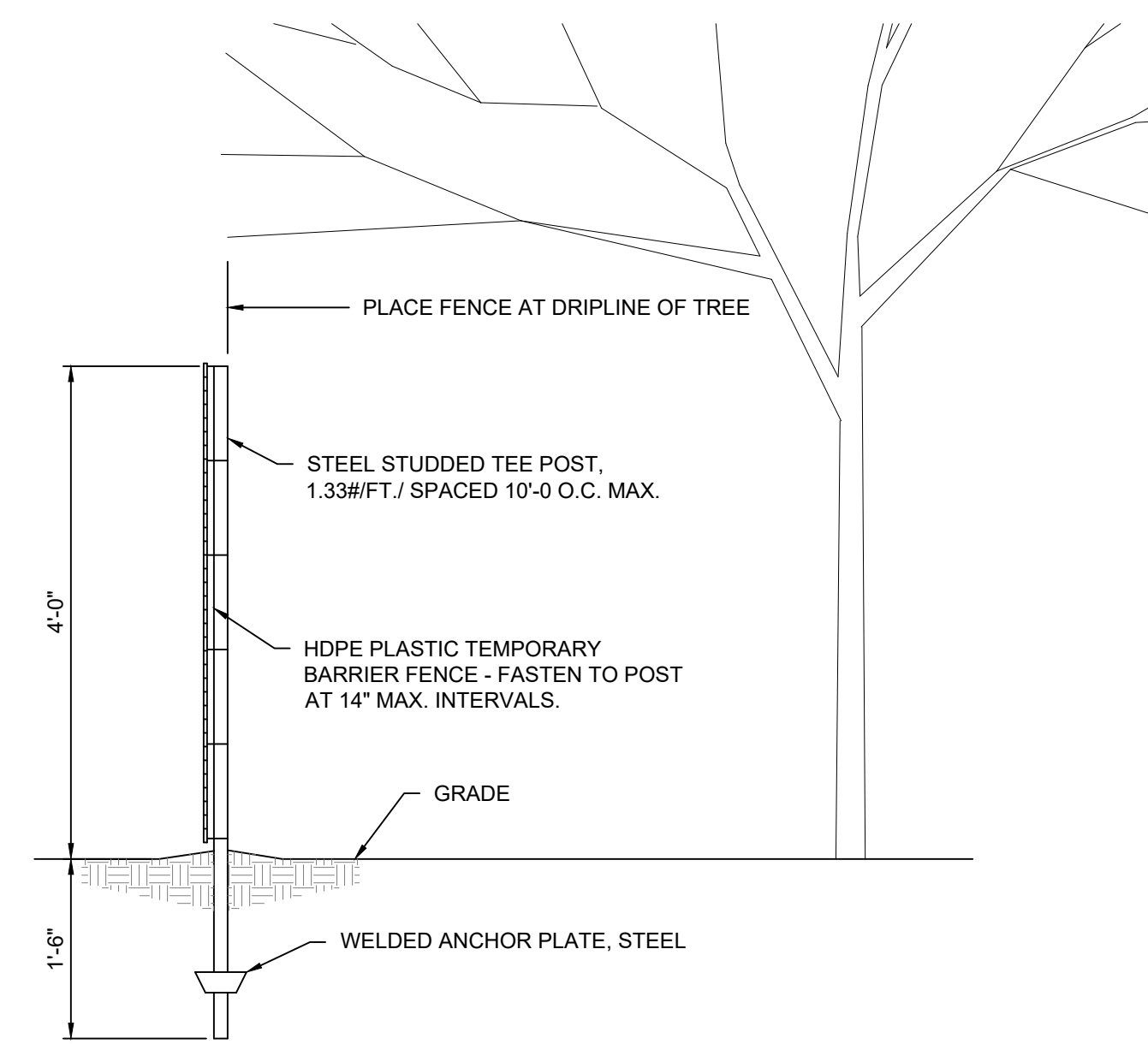


PLAN

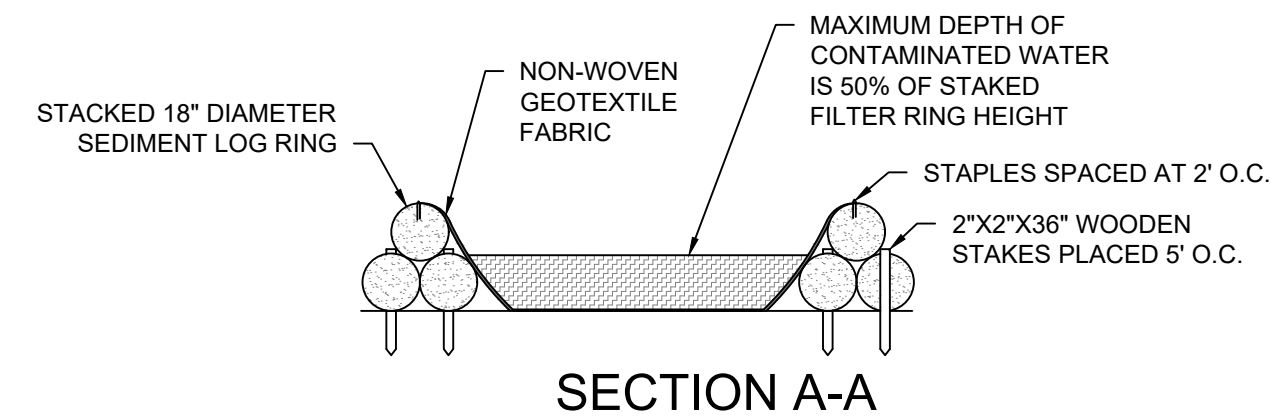
OUTLET PROTECTION DIMENSION				
D (INCHES)	L (FEET)	W1	W2	D50 (INCHES)
12"	12'-0"	3'-0"	13'-0"	6.5
15"	15'-0"	3'-9"	16'-3"	6.5
16"	16'-0"	4'-0"	17'-4"	6.5
18"	18'-0"	4'-6"	19'-6"	8.5
24"	24'-0"	6'-0"	26'-0"	11
27"	27'-0"	6'-9"	29'-3"	12.5
30"	30'-0"	7'-6"	32'-6"	13.5
36"	36'-0"	9'-0"	39'-0"	15.5
42"	40'-0"	10'-6"	43'-6"	17
48"	40'-0"	12'-0"	44'-0"	18.5
60"	40'-0"	15'-0"	45'-6"	21.5

D50 = MEDIAN RIPRAP SIZE
 DMAX = MAXIMUM RIPRAP SIZE = 1.5 X D50
 DEPTH OF RIPRAP APRON = 1.5 X DMAX (MIN. DEPTH IS 1.5 FEET)

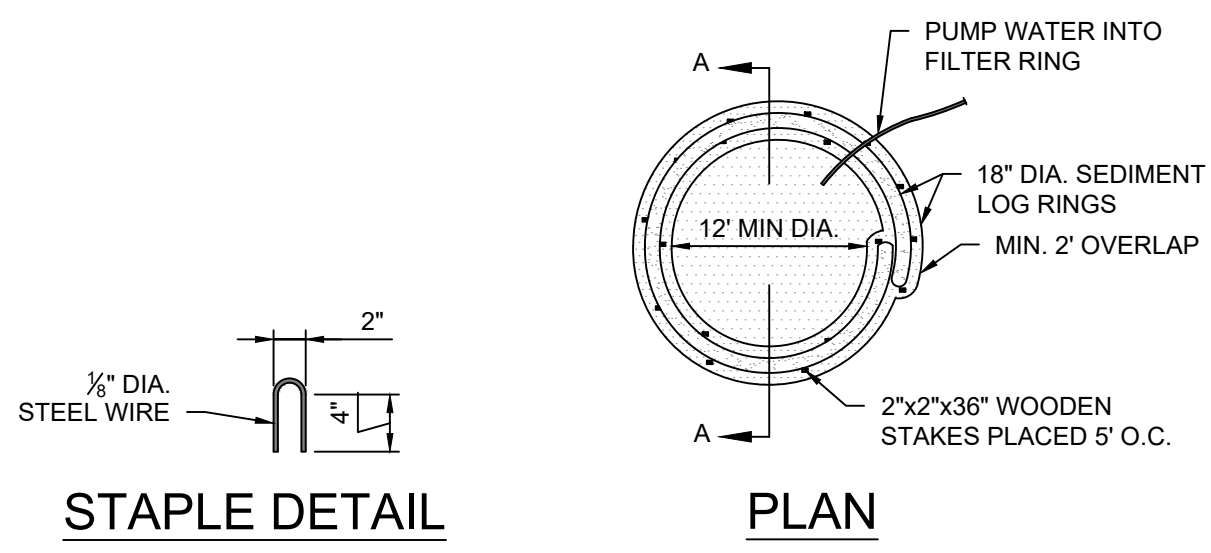
- NOTES:
- L = LENGTH OF RIPRAP APRON.
 - EXTEND THE APRON UP THE CHANNEL BANKS.
 - FILTER FABRIC SHALL BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.
 - OUTLET PROTECTION SHOWN, INLET PROTECTION TO BE HALF OF HORIZONTAL DIMENSIONS SHOWN.
 - EXTEND RIP RAP AROUND BACK OF HEADWALL
 - AT DITCH 90° BEND OR TEE INTERSECTION, RIP RAP TO EXTEND TO TOP OF BANKS AND A MINIMUM OF 50' IN EACH DIRECTION, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.



B1 TREE PROTECTION FENCE TP NO SCALE

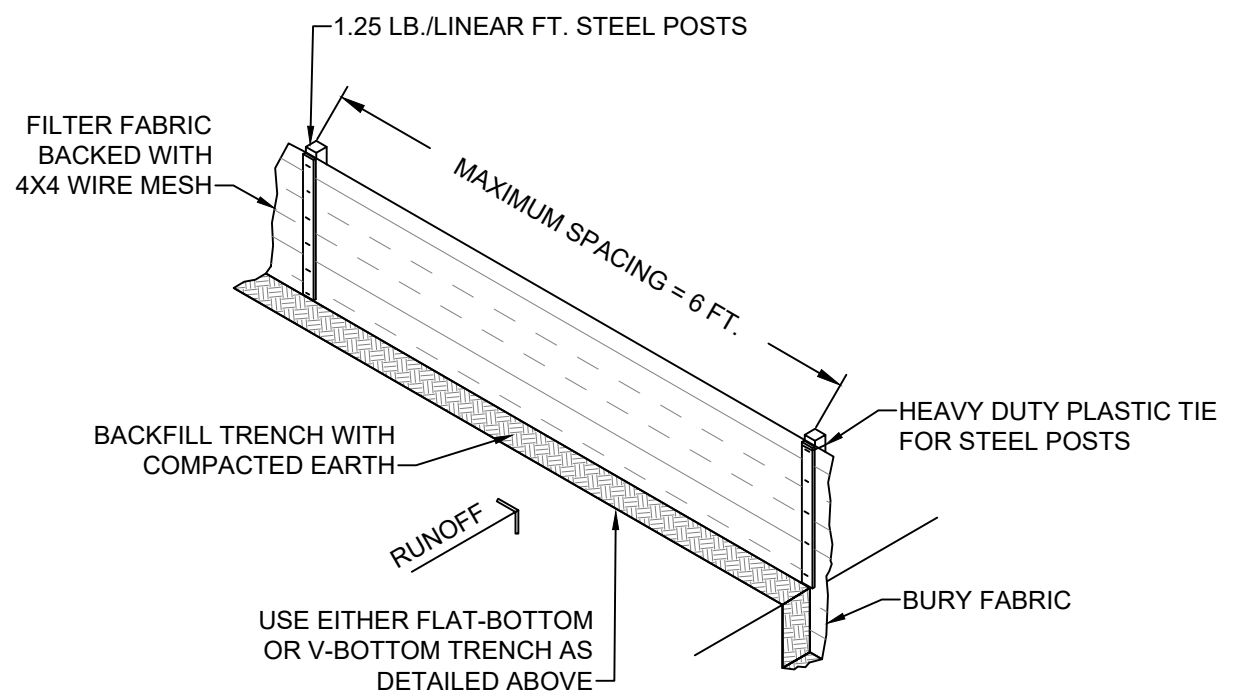


SECTION A-A



PLAN

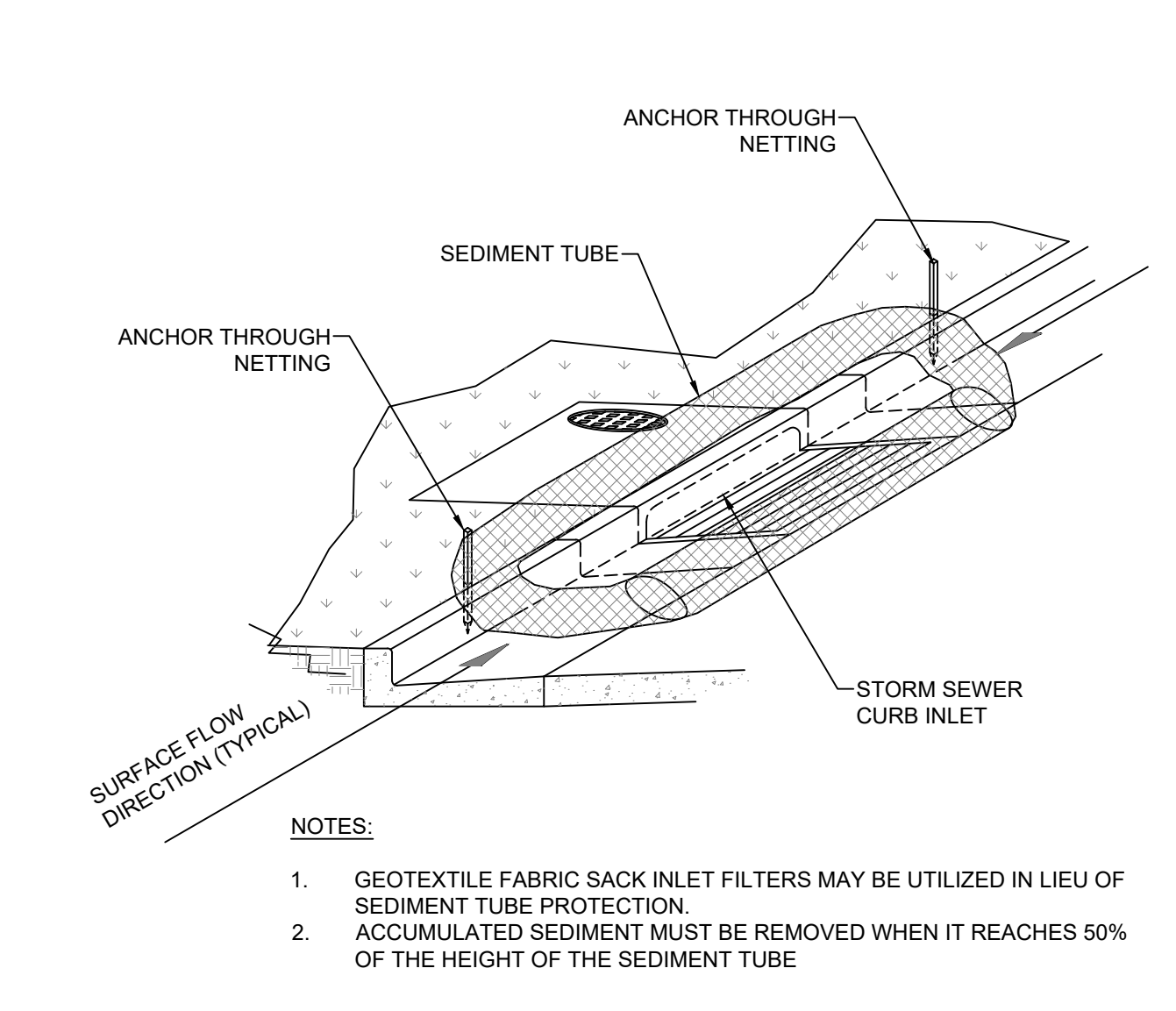
B2 CONCRETE WASHOUT AREA/FILTER RING NO SCALE



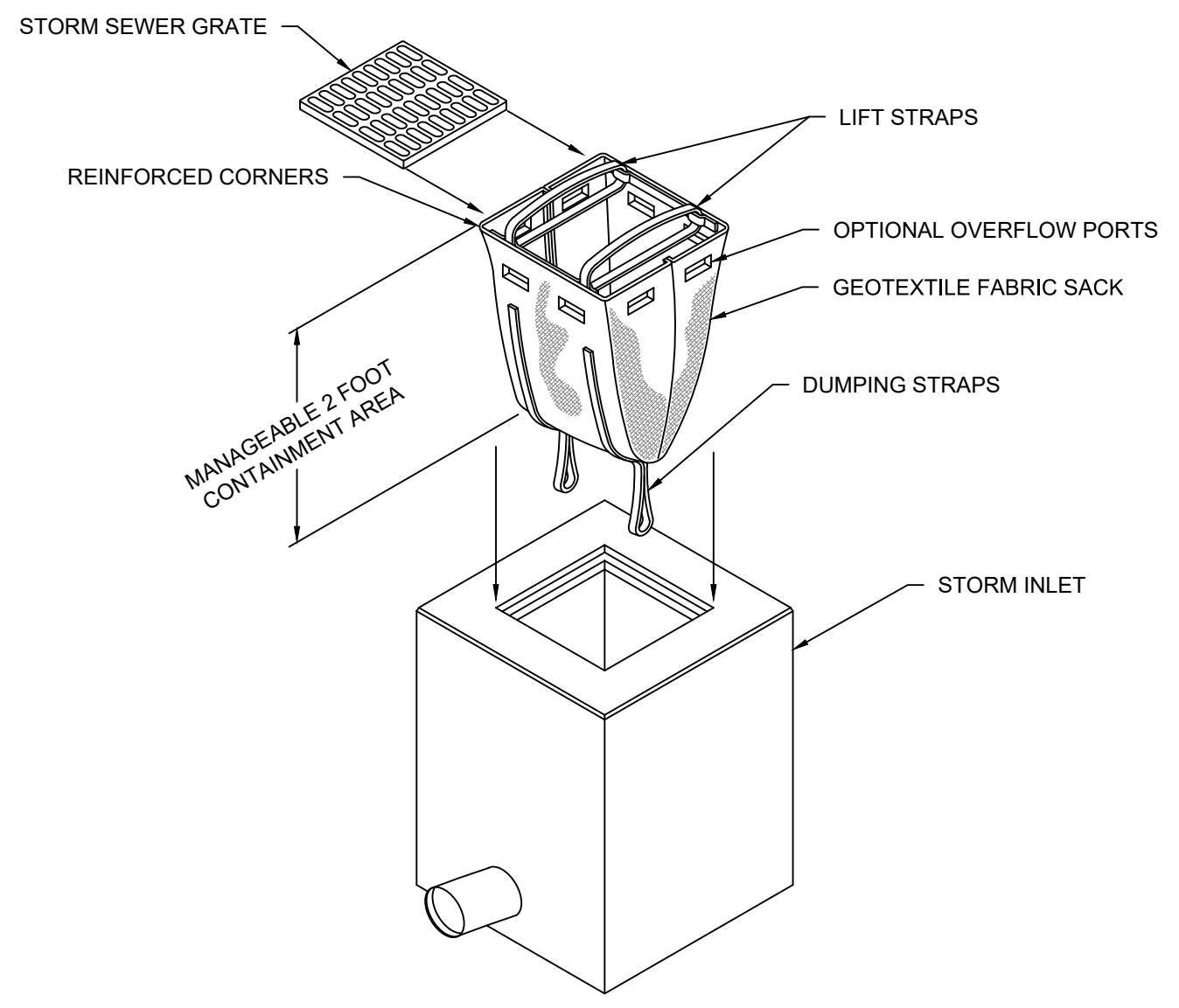
SILT FENCE INSTALLATION

B3 SILT FENCE SF NO SCALE

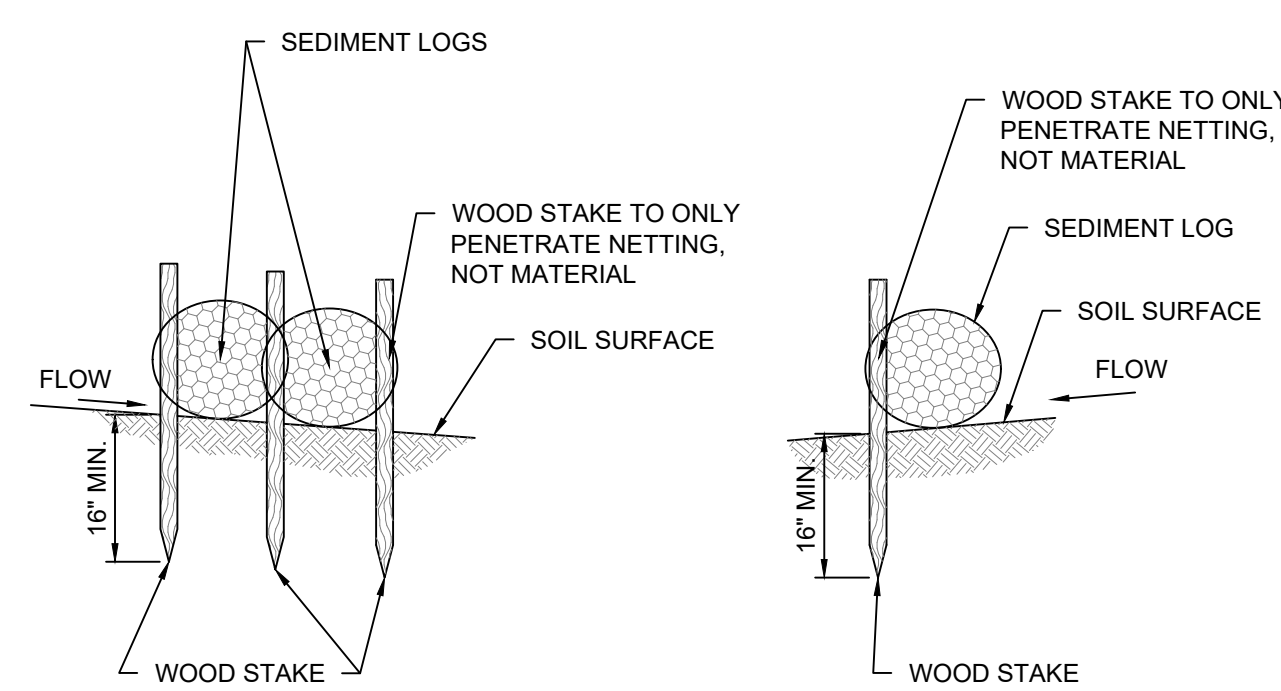
B4 OUTLET PROTECTION OP NO SCALE



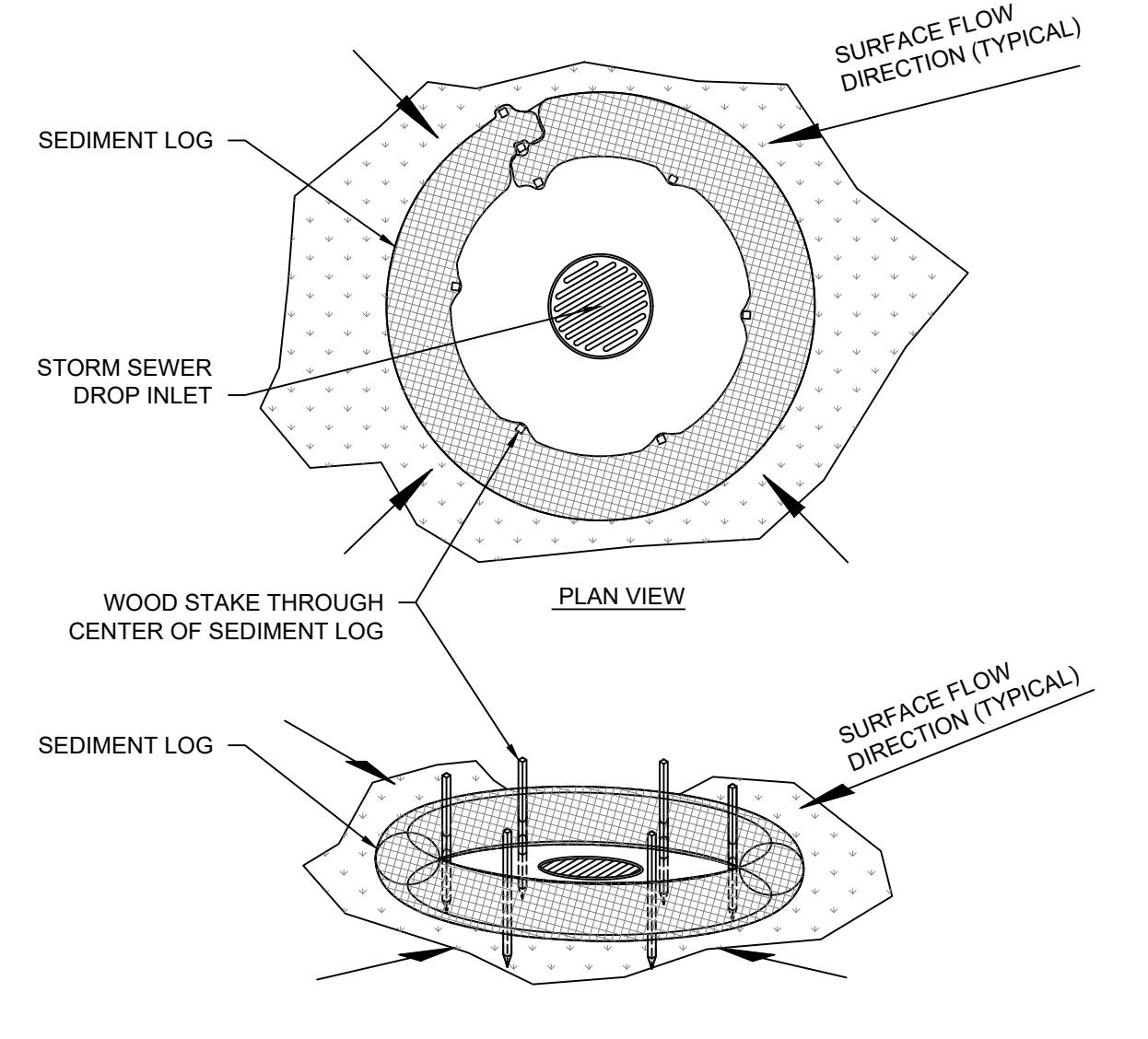
A1 INLET PROTECTION (PAVED AREAS) IP NO SCALE



A2 SEDIMENT SACK INLET PROTECTION IP NO SCALE



A3 SEDIMENT LOG STAKING DETAIL SF NO SCALE

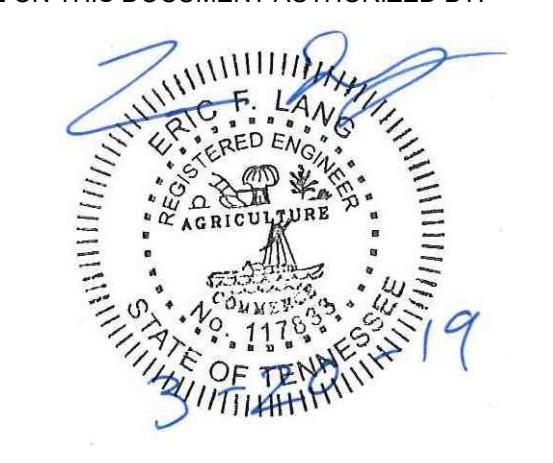


A4 SEDIMENT LOG INLET PROTECTION IP NO SCALE



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 HAYWOOD COUNTY, TN

CLIENT INFORMATION:

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NO.	DATE	SUBJECT
		REVISION OR ISSUE

SSOE, Inc.
 320 Seven Springs Way, Suite 350
 Brentwood, TN 37027
 T 615-661-7585

PROJECT NO: 012-02080-16
 PROJECT MANAGER: D. HIBDON
 DESIGNED: E. LANG
 CHECKED: C. HARTMAN

DRAWING TITLE:
EROSION CONTROL DETAILS

DRAWING NO:
300-CE-850

CONSULTANTS:

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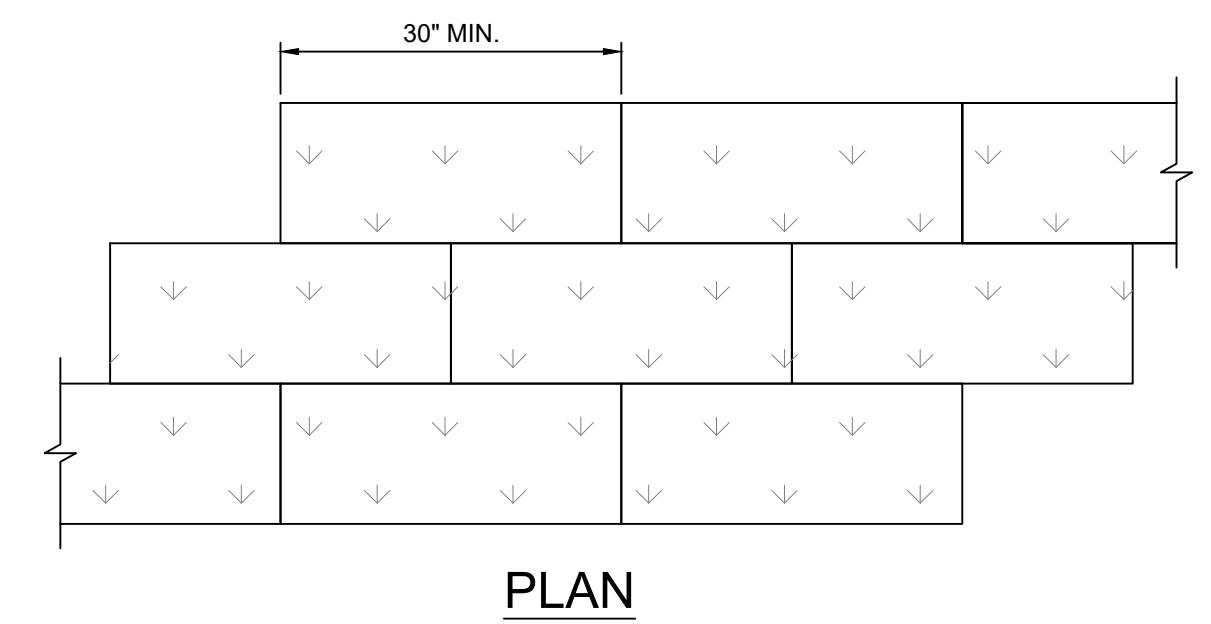
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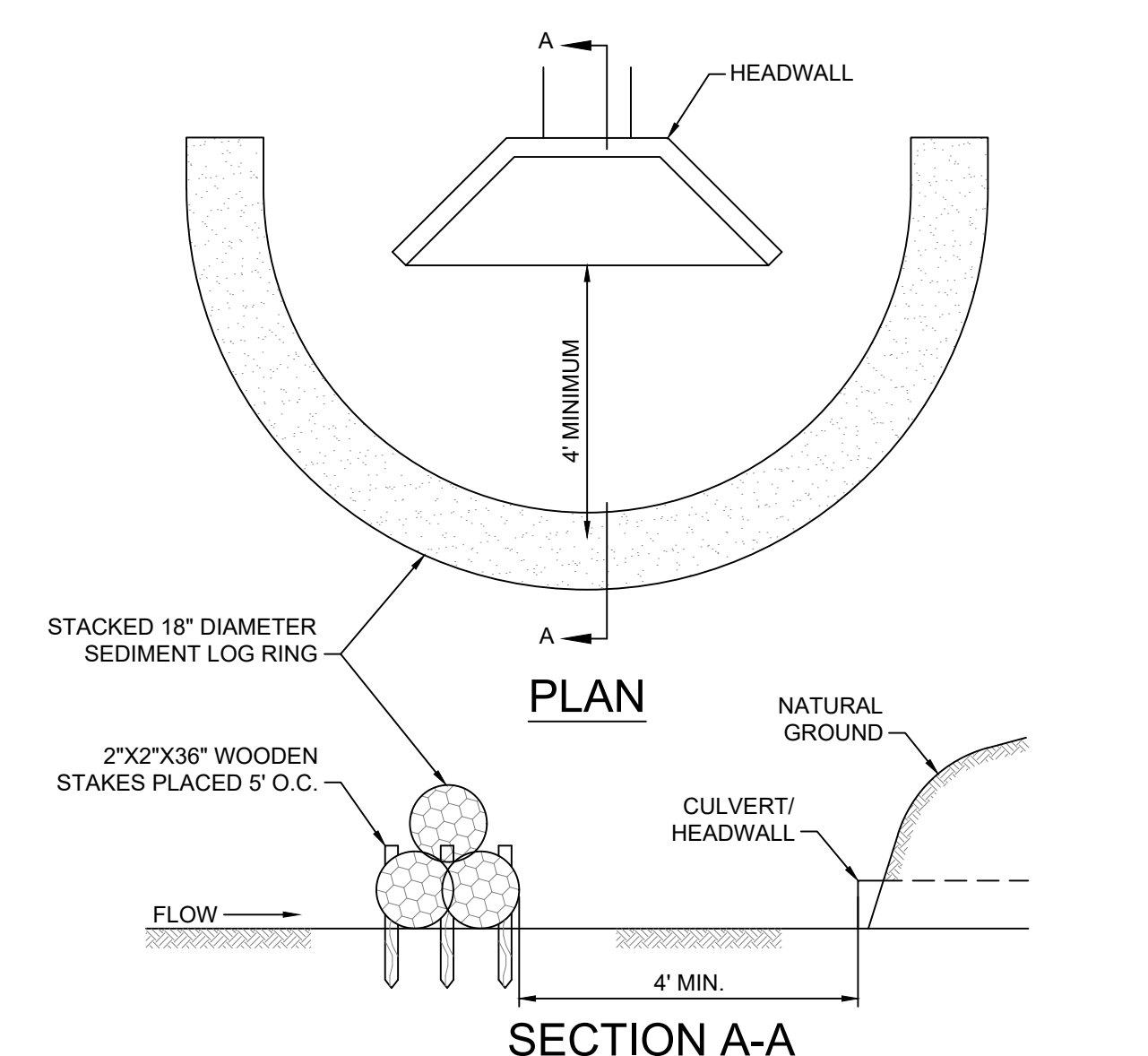
SODDING SPECIFICATIONS

- SITE PREPARATION**
 - AREAS TO BE SODDED SHALL BE GRADED AND SMOOTHED TO A FIRM SURFACE.
 - THE AREA TO BE SODDED SHALL BE FREE OF STONES, ROOTS, AND OTHER DEBRIS.
 - THE AREA SHALL BE COVERED WITH A MINIMUM OF 6 INCHES OF TOPSOIL IF THE SUBSOIL IS NOT SUITABLE FOR THE ESTABLISHMENT OF SOD.
 - APPLY 500 POUNDS OF 20-10-10 FERTILIZER, OR EQUIVALENT, PER ACRE IN LIEU OF A SOIL TEST. MIX THE FERTILIZER WITH THE TOP 3 INCHES OF SOIL.
 - APPLY LIMING MATERIALS WHEN THE pH TEST IS BELOW 5.5
 - SURFACES WHICH ARE NOT MOIST MUST BE SPRINKLED PRIOR TO PLACING THE SOD.
- SOD REQUIREMENTS**
 - THE SOD TYPE SELECTED SHALL BE COMPOSED OF PLANTS ADAPTED TO BOTH THE SITE AND INTENDED PURPOSE. COMPLETE AND CURRENT LISTINGS OF SOD RECOMMENDATIONS CAN BE OBTAINED FROM SUPPLIERS OR THE STATE AGRICULTURAL EXTENSION OFFICE.
 - THE SOD SHALL CONSIST OF A DENSE GROWTH OF THE REQUIRED SPECIES, AND BE FREE OF NOXIOUS WEEDS.
 - THE SOD SHALL HAVE A UNIFORM MINIMUM THICKNESS OF 3/4 INCHES.
 - THE GRASS SHALL HAVE AN APPROXIMATE LENGTH OF 2 INCHES WHEN THE SOD IS CUT.
 - THE SOD SHALL BE CUT WITH SMOOTH SQUARE EDGES AND AT A UNIFORM WIDTH. THE SOD STRIP LENGTH SHALL NOT BE LESS THAN 30 INCHES.
 - IF THE SOD IS TOO DRY TO ROLL, IT WILL BE WATERED A FEW HOURS BEFORE CUTTING.
- SOD PLACEMENT**
 - SOD SHALL BE LAID AS SOON AS POSSIBLE AFTER CUTTING, NORMALLY WITHIN 2 DAYS.
 - THE SOD SHALL BE LAID AT RIGHT ANGLES TO THE DIRECTION OF WATER FLOW.
 - THE SOD WILL BE LAID STARTING AT THE BASE OF SLOPES AND PROCEED UPWARD.
 - THE SOD STRIPS SHALL NOT BE STRETCHED.
 - THE UPPER EDGE OF THE SOD STRIP SHALL BE TURNED DOWN SLIGHTLY AT THE TOP OF SLOPES TO HELP CONDUCT WATER ONTO THE SODDED AREA.
 - THE SOD SHALL BE PLACED SO THAT NO OPEN JOINTS ARE LEFT BETWEEN STRIPS OR ENDS OF STRIPS. JOINTS SHALL BE STAGGERED.
 - APPLY A THIN LAYER OF TOPSOIL TO ALL OPEN JOINTS AND AROUND ALL OPEN EXPOSED EDGES.
 - THE SOD SHALL BE HELD IN PLACE, WHEN NEEDED, BY WOODEN PEGS OR OTHER MEANS UNTIL THE SOD IS ESTABLISHED AND FIRMLY ROOTED.
 - ROLL OR TAMP FIRMLY AND THOROUGHLY SOAK THE SOD AFTER PLACEMENT
 - WATERING OF THE SODDED AREA SHALL BE CONTINUED AS NEEDED TO PREVENT THE SOD FROM DRYING OUT FOR 30 DAYS AFTER THE SODDING IS COMPLETE.

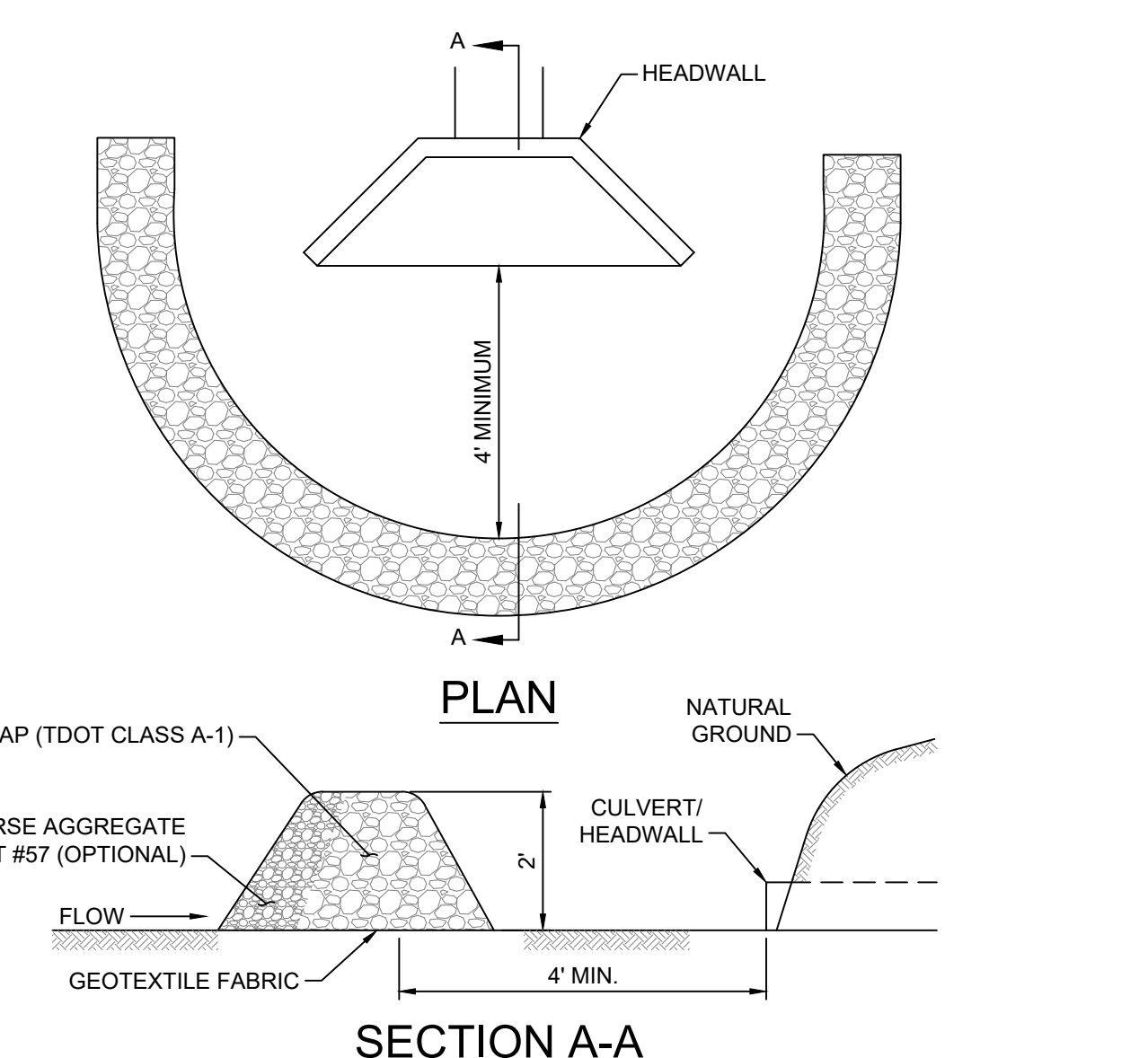


PLAN

C3 SOD DETAIL



B3 SEDIMENT LOG RING HEADWALL INLET PROTECTION



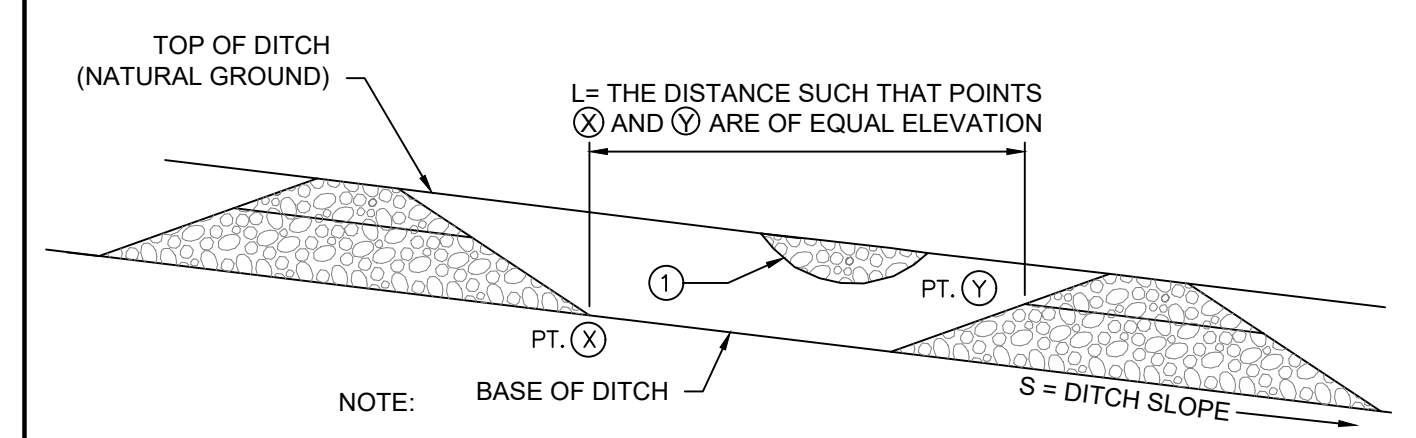
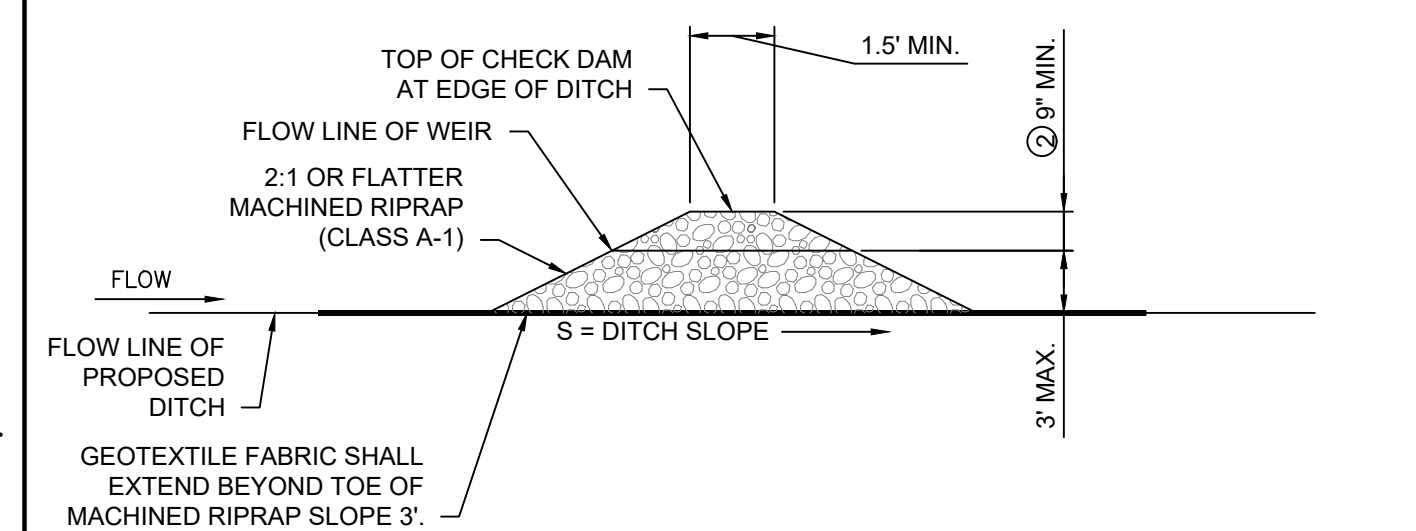
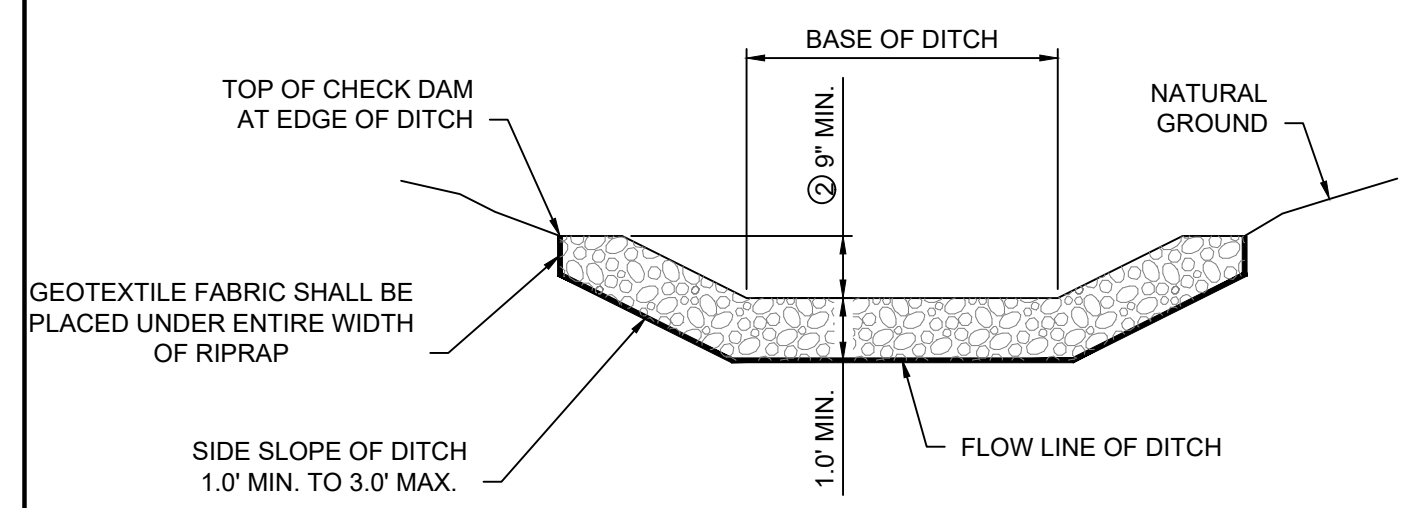
B4 STONE FILTER RING HEADWALL INLET PROTECTION

TEMPORARY SEED MIXES			
ZONE	SEASON	BEST DATES	RATE/MIX (LB/AC)
WEST	LATE WINTER AND EARLY SPRING	DEC. 1 - APR. 15	RYE 120
	SUMMER	APR. 15 - AUG. 15	OATS 60 BROWN TOP MILLET 30
	FALL	AUG. 15 - DEC 30	OATS 30 WINTER WHEAT 30

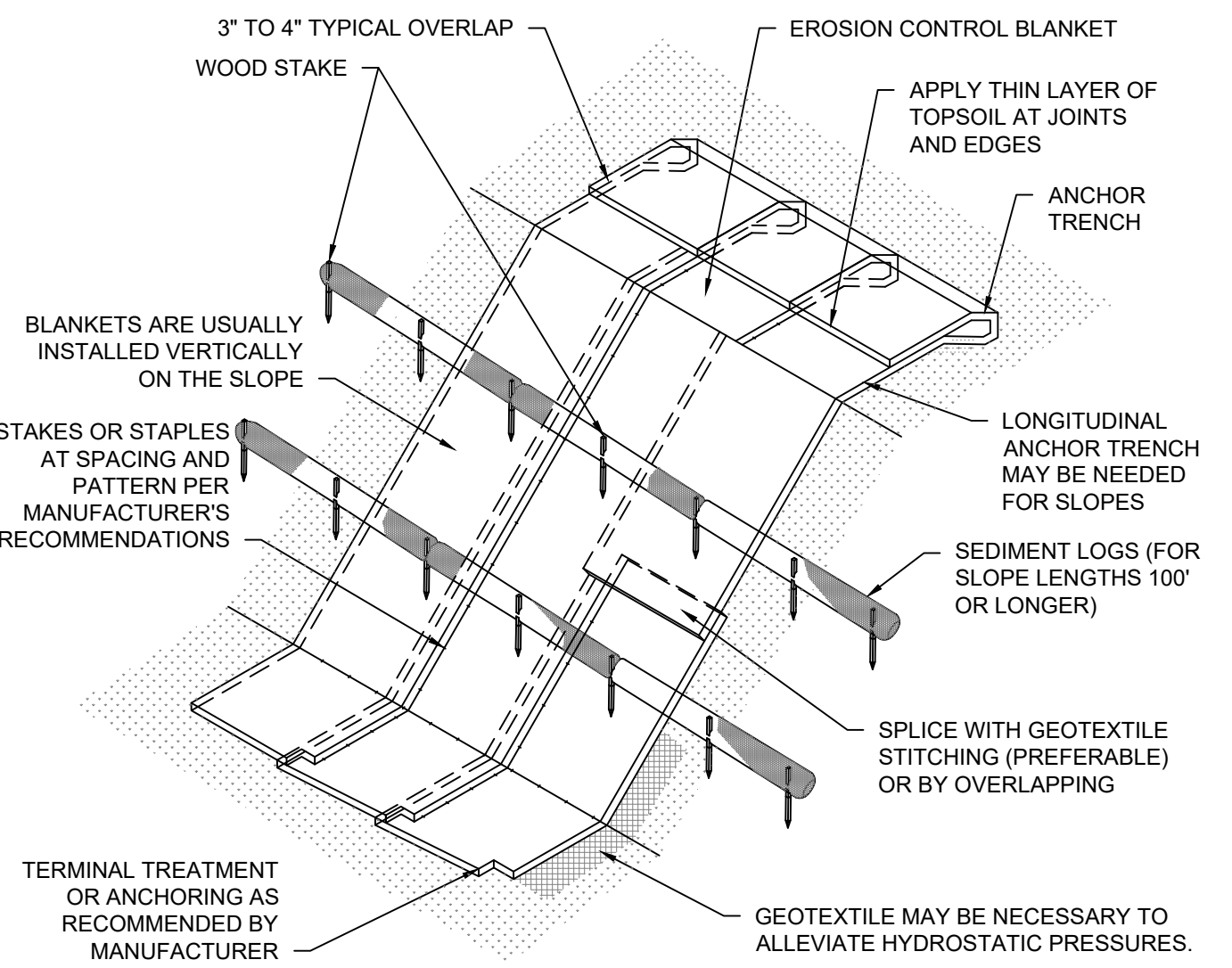
SEED MIXTURES AS SPECIFIED IN THE TDEC EROSION AND SEDIMENT CONTROL HANDBOOK.

PERMANENT SEED MIXES					
ZONE		BEST DATES	MARGINAL DATES	RATE/MIX (LB/AC PLS)	RATE/MIX (LB/AC PLS)
REGION I	POORLY DRAINED SOILS	FEB 1 - MAR 20 SEPT 1 - SEPT 30	MAR 20 - APR 30 SEPT 30 - OCT 31	15 BROWNTOP MILLET* (NURSE CROP) 2 SWITCH GRASS 4 LITTLE BLUESTEM 4 VIRGILIA WIELD RYE 4 PURPLETOP 2 PARTRIDGE PEA 2 BLACK-EYED SUSAN	80 PENSACOLA BAHIAGRASS 30 BERMUDAGRASS (HULLED) 20 KOREAN LESPEDEZA** 10 KOBE LESPEDEZA**
	WELL DRAINED SOILS	APR 1 - JUL 15		15 BROWNTOP MILLET* (NURSE CROP) 4 LITTLE BLUE STEM 4 PURPLETOP 2 SIDEOATS GRAMMA 2 PARTRIDGE PEA 2 BLACK-EYED SUSAN	50 PENSACOLA BAHIAGRASS 15 BERMUDAGRASS (HULLED) 30 KOREAN LESPEDEZA** 15 FOXTAIL MILLET**
	HIGH MAINTENANCE	APR 1 - JUL 15		15 BROWNTOP MILLET* (NURSE CROP) 2 PARTRIDGE PEA 45 RED FESCUE** 45 HARD FESCUE** 25 CHEWING FESCUE**	40 BERMUDAGRASS (HULLED)

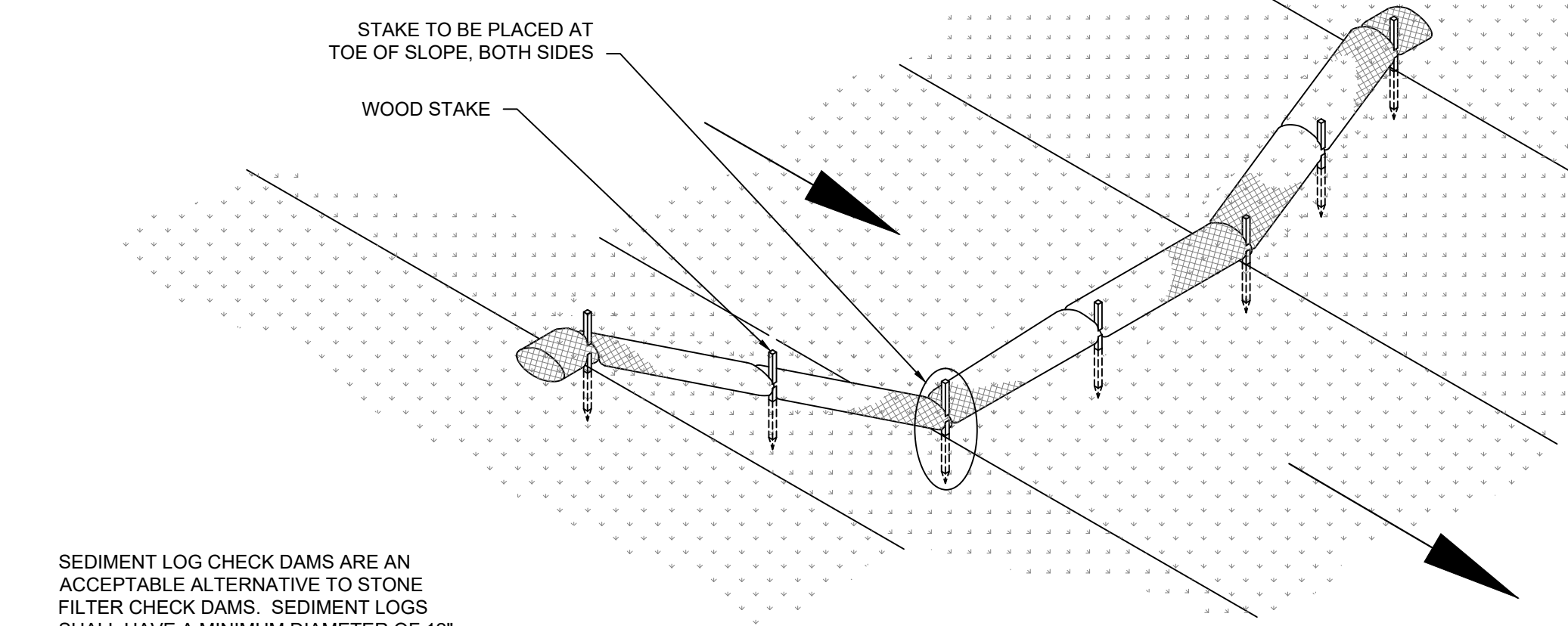
C1 TEMPORARY AND PERMANENT SEED MIXES



A1 STONE FILTER CHECK DAM DETAIL



A2 EROSION CONTROL BLANKET



A3 SEDIMENT LOG CHECK DAM DETAIL

SLOPE (%)	MAXIMUM SPACING (FEET)
<2	125
2	100
3	75
4	50
5	40
6	30
>6	25

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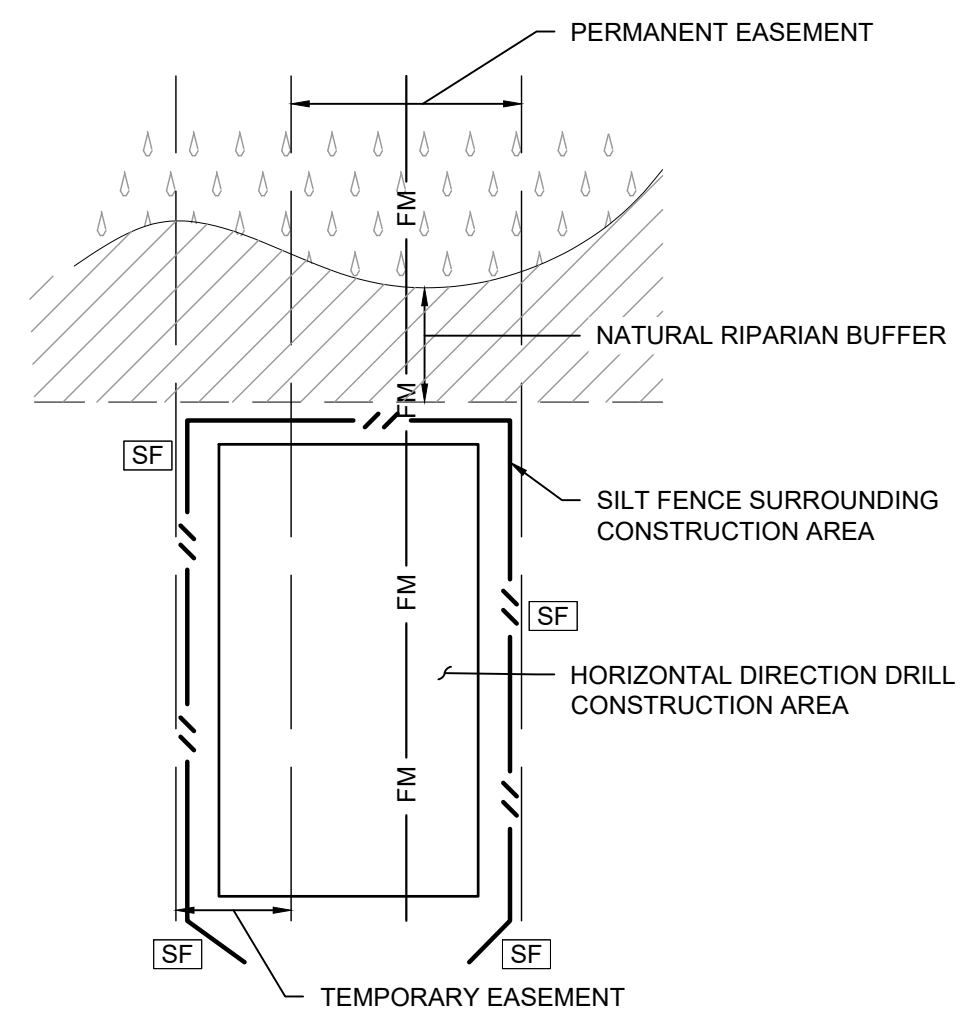
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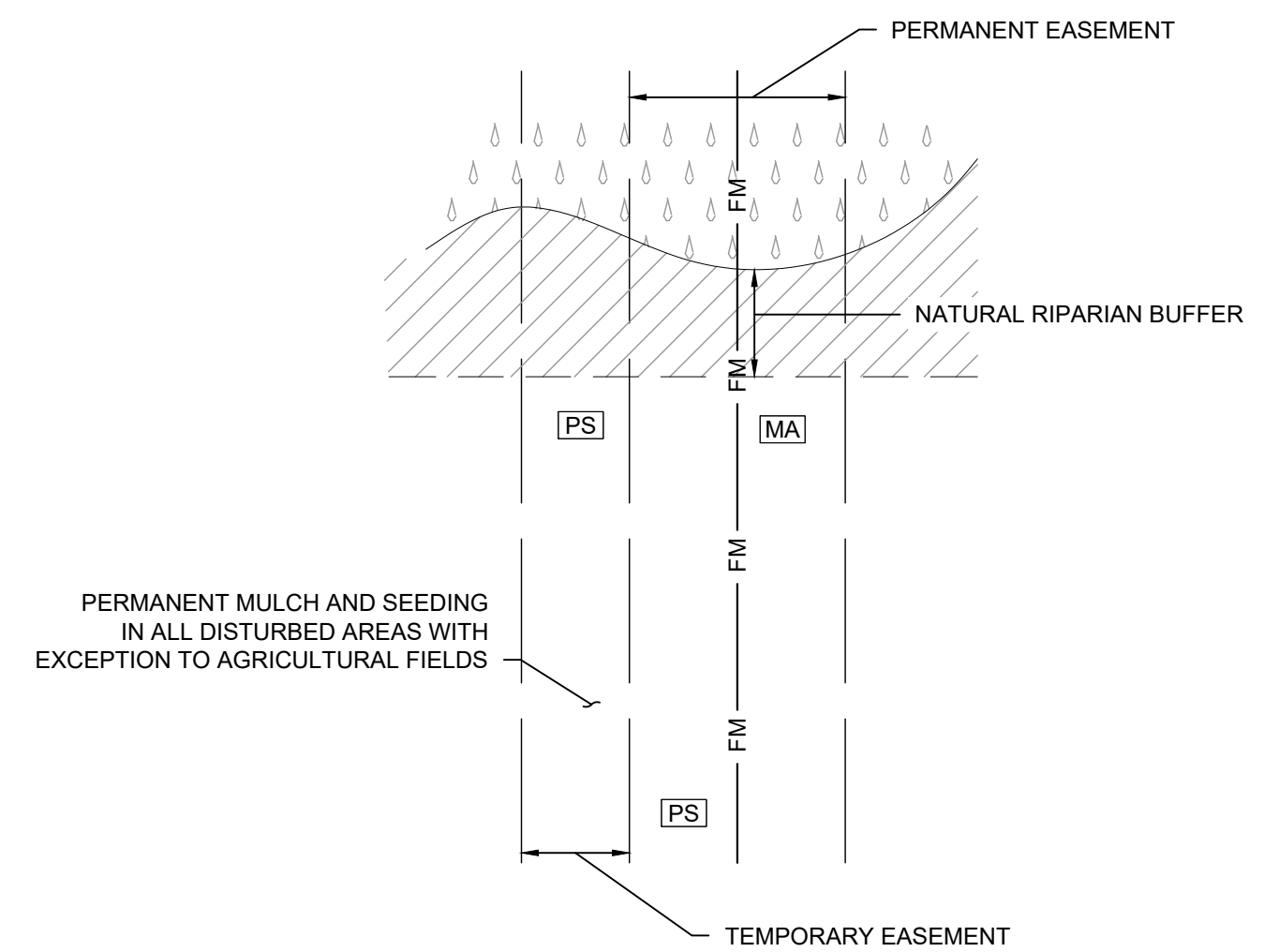
DRAWING TITLE:
EROSION CONTROL DETAILS

DRAWING NO:
300-CE-852

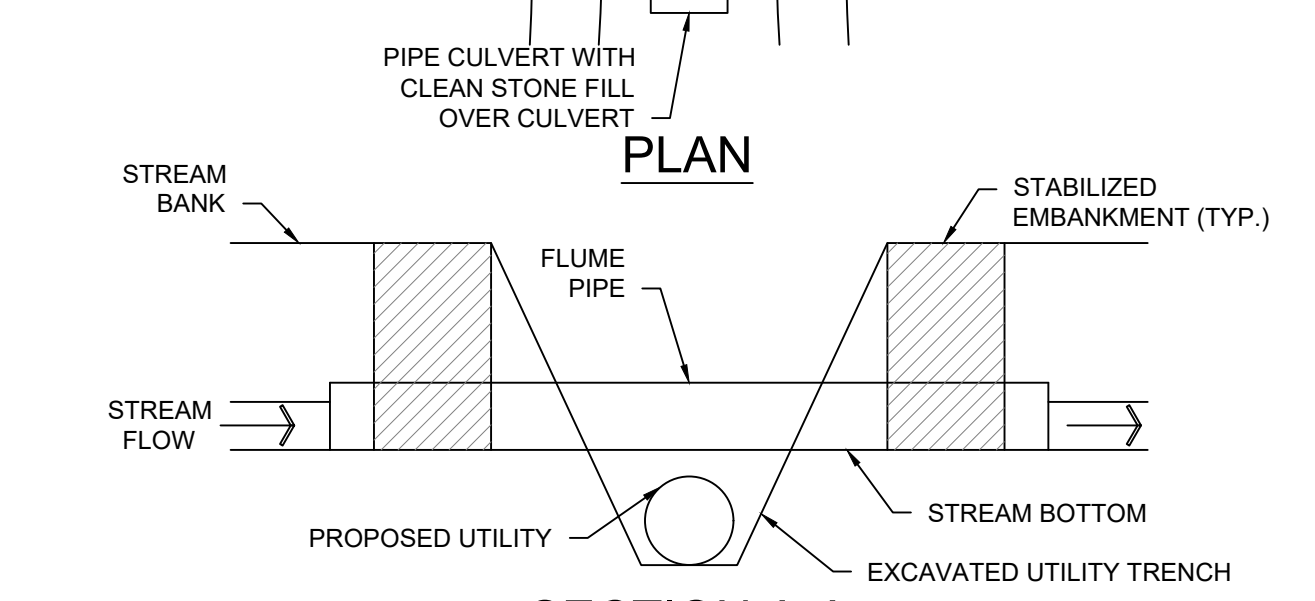
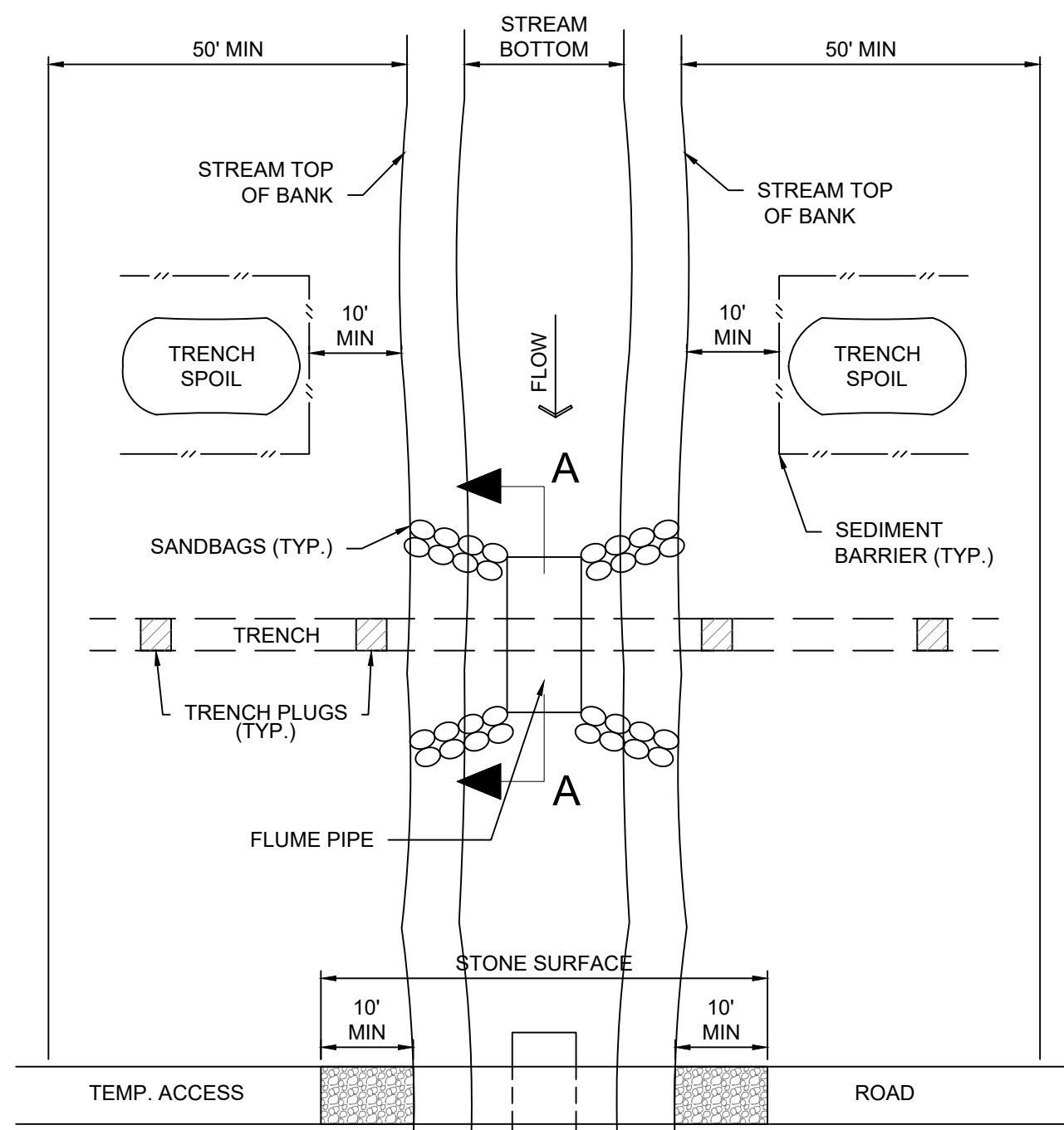
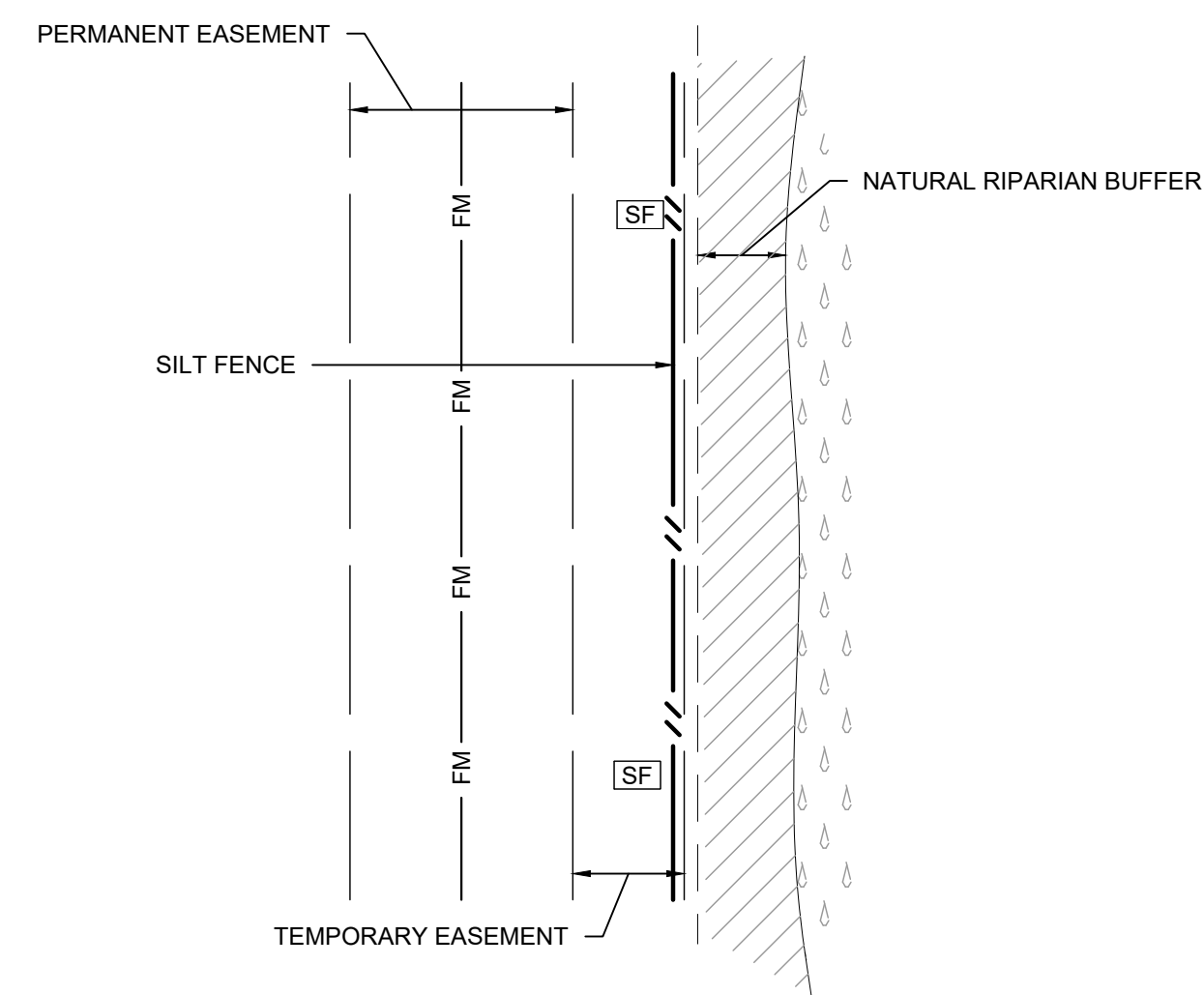
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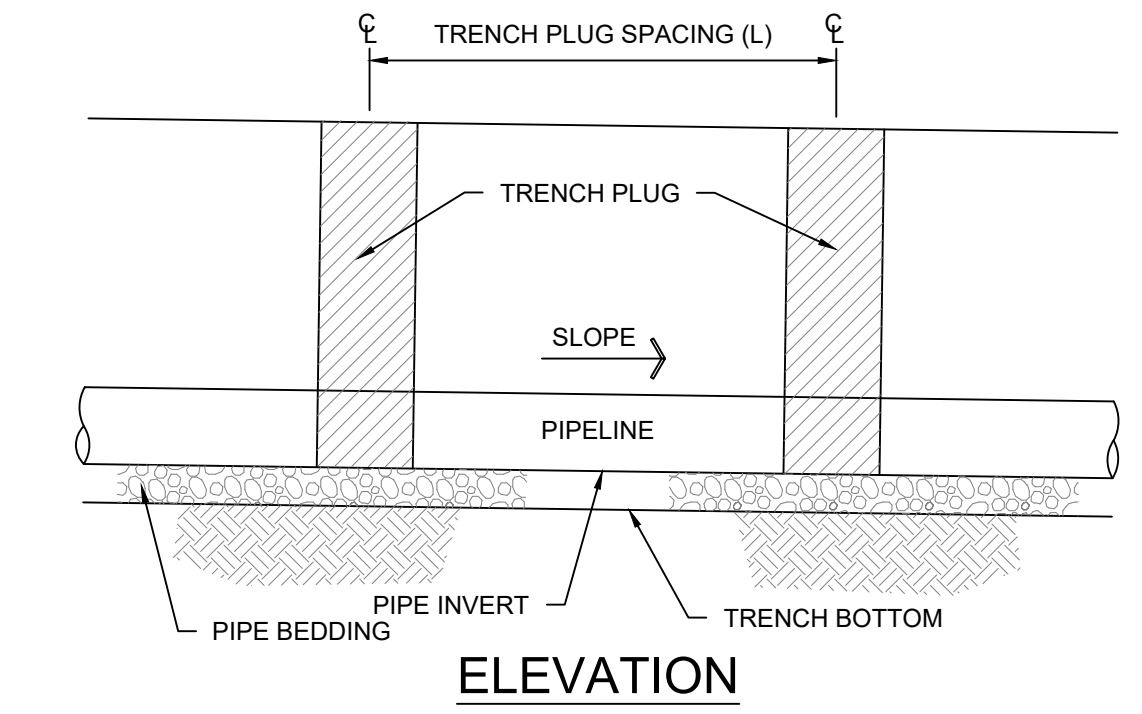
HORIZONTAL DIRECTIONAL DRILL FORCE MAIN INSTALLATION



HORIZONTAL DIRECTIONAL DRILL FORCE MAIN INSTALLATION



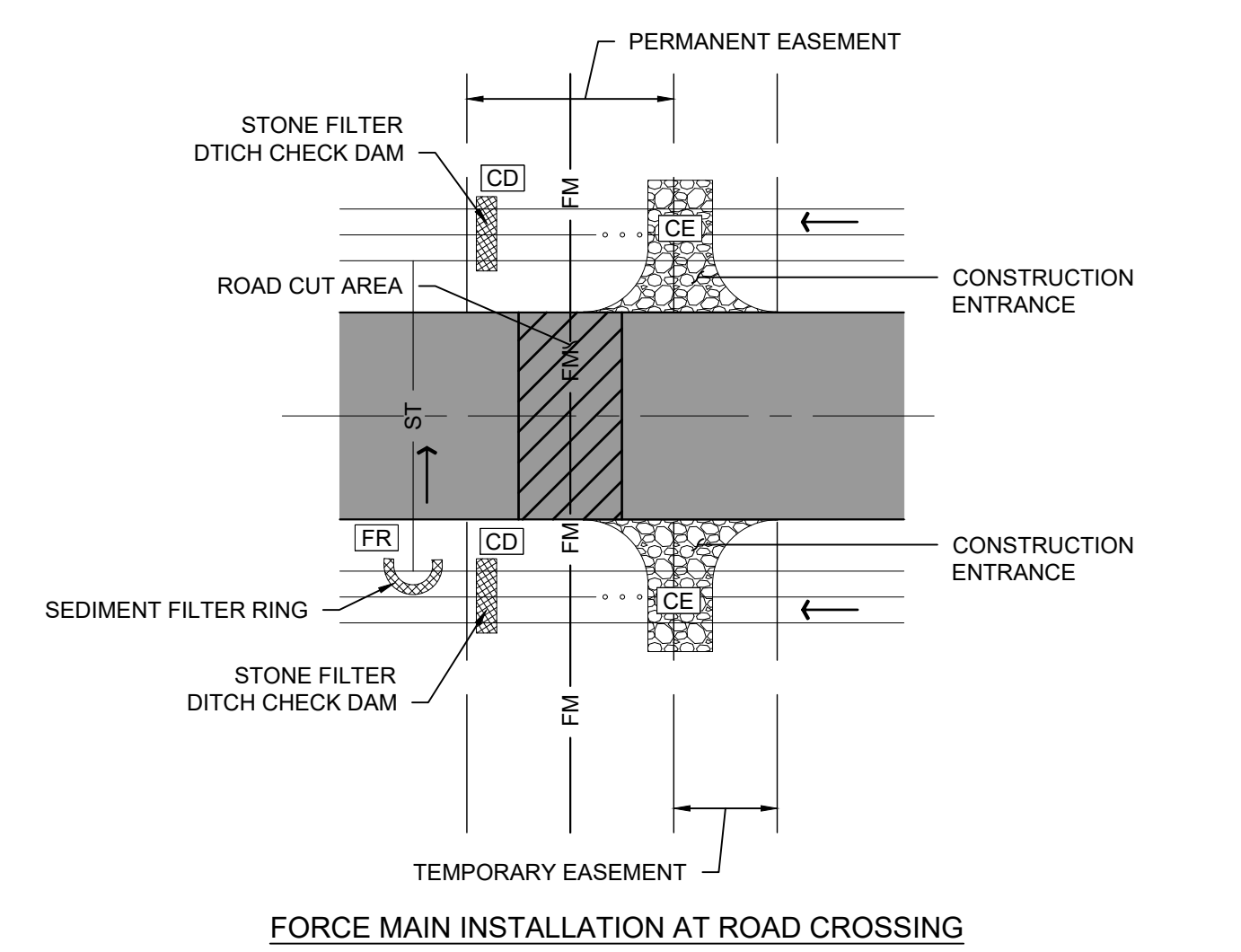
SECTION VIEW



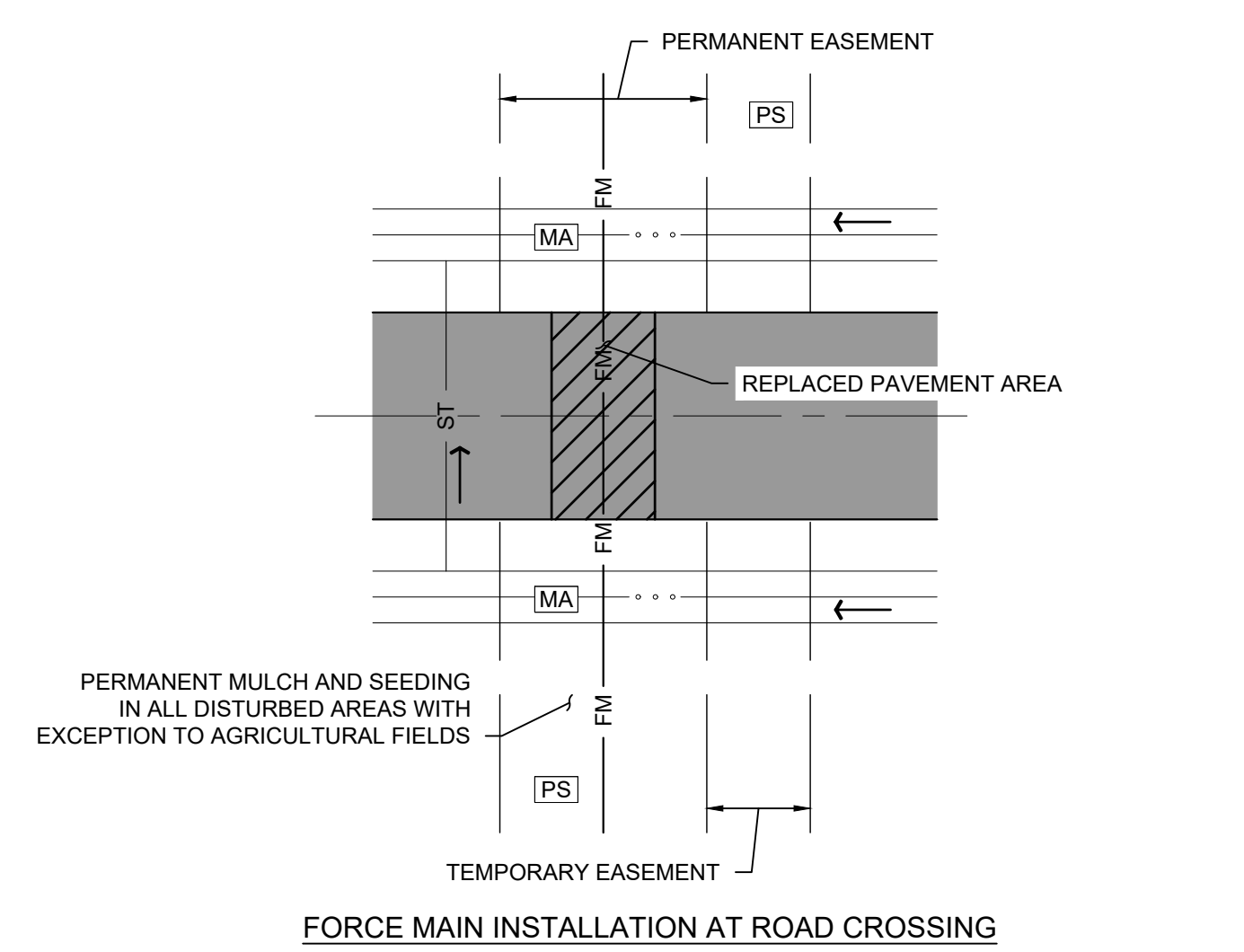
ELEVATION

TRENCH SLOPE (%)	SPACING L (FT)	PLUG MATERIAL
< 5	1,000	* CLAY, BENTONITE, OR CONCRETE FILLED SACKS
5-15	500	* CLAY, BENTONITE, OR CONCRETE FILLED SACKS
15-25	300	* CLAY, BENTONITE, OR CONCRETE FILLED SACKS
25-35	200	* CLAY, BENTONITE, OR CONCRETE FILLED SACKS
35-100	100	* CLAY, BENTONITE, OR CONCRETE FILLED SACKS
> 100	50	CEMENT FILLED BAGS (WETTED) OR MORTARED STONE

NOTES:
 * TOPSOIL MAY NOT BE USED TO FILL SACKS
 WHERE OPEN-CUT IS SPECIFIED, IMPERVIOUS TRENCH PLUGS ARE REQUIRED FOR ALL STREAM, RIVER, WETLAND, OR OTHER WATER BODY CROSSINGS.



FORCE MAIN INSTALLATION AT ROAD CROSSING



FORCE MAIN INSTALLATION AT ROAD CROSSING

NOTES:
 1) ALL BMP'S USED FOR EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE TO THE TDEC EROSION AND SEDIMENT CONTROL HANDBOOK.
 2) GRUBBING SHALL NOT TAKE PLACE WITHIN 50 FEET OF TOP-OF-BANK OF STREAM OR WETLAND BUFFER.
 3) WATER ACCUMULATING WITHIN THE WORK AREA SHALL BE PUMPED TO A WATER FILTER BAG OR SEDIMENT TRAP PRIOR TO DISCHARGING INTO ANY SURFACE WATER.
 4) HAZARDOUS OR POLLUTANT MATERIAL STORAGE AREAS SHALL BE LOCATED AT LEAST 100 FEET BACK FROM THE TOP OF STREAM BANK OR WETLAND BUFFER.
 5) DIVERSION BERMS OR SWALES SHALL BE USED TO REDIRECT RUNOFF FROM ENTERING THE STREAM OR WETLAND LIMITS.
 6) NO GROUND DISTURBANCE OR CONSTRUCTION ACTIVITIES ARE TO COMMENCE UNTIL ALL INITIAL BMP'S ARE INSTALLED.
 7) SEE EPSC PLANS FOR INTERMEDIATE BMP LOCATIONS.

NOTES:
 1) ALL EXCESS EXCAVATED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE STREAM CROSSING AREA.
 2) DIVERSION BERMS OR SWALES SHALL BE REMOVED AND REPLACED BACK TO EXISTING CONDITIONS PRIOR TO PERMANENT MULCH AND SEEDING.
 3) ALL DISTURBED AREAS WITHIN 50 FEET OF TOP-OF-BANK SHALL BE BLANKETED OR MATTED WITHIN 24 HOURS OF INITIAL DISTURBANCE FOR MINOR STREAMS OR 48 HOURS OF INITIAL DISTURBANCE FOR MAJOR STREAMS UNLESS OTHERWISE AUTHORIZED.
 4) ALL DISTURBED AREAS SHALL BE PERMANENTLY MULCH AND SEED, MATTED, OR SODDED PER THESE PLANS AND THE TDEC EROSION AND SEDIMENT CONTROL HANDBOOK. DISTURBED AGRICULTURAL FIELDS SHALL BE ONLY MULCHED UNLESS OTHERWISE DIRECTED.
 5) TEMPORARY BMP'S SHALL NOT BE REMOVED UNTIL FINAL STABILIZATION HAS BEEN REACHED.
 6) SEE EPSC PLANS FOR INTERMEDIATE BMP LOCATIONS.

NOTES:
 1) GRUBBING SHALL NOT TAKE PLACE WITHIN 50 FEET OF TOP-OF-BANK UNTIL ALL MATERIALS REQUIRED TO COMPLETE CROSSING ARE ON SITE AND PIPE IS READY FOR INSTALLATION.
 2) PIPE CULVERT FOR ACCESS ROAD AND FLUME PIPE MAY BE ONE CONTINUOUS PIPE.
 3) TRENCH PLUGS FOR ACCESS ROAD SHALL BE INSTALLED WITHIN THE TRENCH ON BOTH SIDES OF THE STREAM CHANNEL.
 4) WATER ACCUMULATING WITHIN THE WORK AREA SHALL BE PUMPED TO A PUMPED WATER FILTER BAG OR SEDIMENT TRAP PRIOR TO DISCHARGING INTO ANY SURFACE WATER.
 5) HAZARDOUS OR POLLUTANT MATERIAL STORAGE AREAS SHALL BE LOCATED AT LEAST 100 FEET BACK FROM THE TOP OF STREAMBANK.
 6) ALL EXCESS EXCAVATED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE STREAM CROSSING AREA.
 7) ALL DISTURBED AREAS WITHIN 50 FEET OF TOP-OF-BANK SHALL BE BLANKETED OR MATTED WITHIN 24 HOURS OF INITIAL DISTURBANCE FOR MINOR STREAMS OR 48 HOURS OF INITIAL DISTURBANCE FOR MAJOR STREAMS UNLESS OTHERWISE AUTHORIZED. APPROPRIATE STREAMBANK PROTECTION SHALL BE PROVIDED WITHIN THE CHANNEL.

TEMPORARY STREAM DIVERSION FOR UTILITY LINE CROSSING

A1 TYPICAL INITIAL EPSC PLAN AREAS
 NO SCALE

A2 TYPICAL PERMANENT EPSC PLAN AREAS
 NO SCALE

A3 TEMPORARY STREAM DIVERSION FOR UTILITY LINE CROSSING
 NO SCALE

A4 TRENCH PLUG INSTALLATION
 NO SCALE