

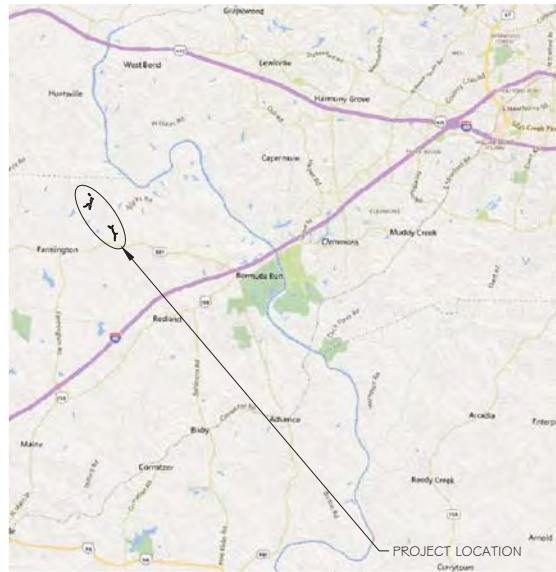
MOCKINGBIRD RECORD DRAWINGS

DAVIE COUNTY, NORTH CAROLINA

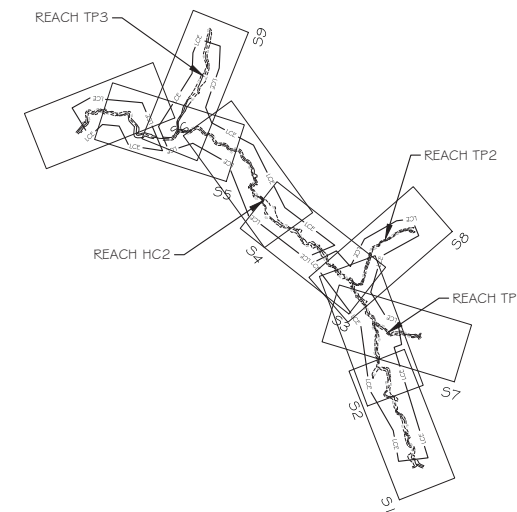
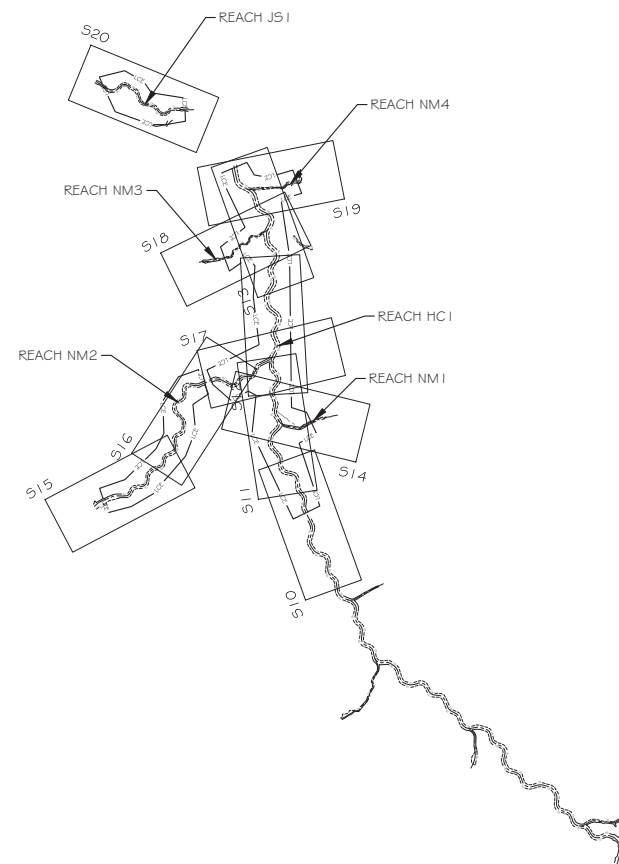
YADKIN 01 RIVER BASIN: HUC 03040101
OCTOBER 2020

RESOURCE ENVIRONMENTAL SOLUTIONS, LLC

3600 GLENWOOD AVE, SUITE 100
RALEIGH, NC 27612



VICINITY MAP
NTS



SITE MAP
NTS

| Sheet List Table | |
|------------------|-------------|
| Sheet Number | Sheet Title |
| - | COVER |
| S1 | REACH HC2 |
| S2 | REACH HC2 |
| S3 | REACH HC2 |
| S4 | REACH HC2 |
| S5 | REACH HC2 |
| S6 | REACH HC2 |
| S7 | REACH TP1 |
| S8 | REACH TP2 |
| S9 | REACH TP3 |
| S10 | REACH HC1 |
| S11 | REACH HC1 |
| S12 | REACH HC1 |
| S13 | REACH HC1 |
| S14 | REACH NM1 |
| S15 | REACH NM2 |
| S16 | REACH NM2 |
| S17 | REACH NM2 |
| S18 | REACH NM3 |
| S19 | REACH NM4 |
| S20 | REACH JS1 |

PROJECT DIRECTORY

DESIGNED BY:
RESOURCE ENVIRONMENTAL SOLUTIONS, LLC
3600 GLENWOOD AVE, SUITE 100
RALEIGH, NC 27612

DESIGNED FOR:
HARRY TSOMIDES
NC DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF MITIGATION SERVICES
217 W. JONES ST. #3000A
RALEIGH, NC 27603

SURVEYED BY:
MATRIX EAST, PLLC.
906 N. QUEEN ST., SUITE A
KINSTON, NC 28501

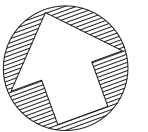
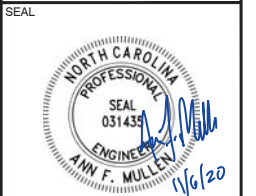
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CONTRACT #: 7185
USACE ACTION ID #: SAW-2017-01505
RFP #: 16-006993

AS-BUILT TOPOGRAPHY, PLANIMETRICS, CHANNEL STRUCTURES, AND CHANNEL DIMENSIONS SURVEY WAS PROVIDED BY MATRIX EAST, PLLC (FIRM LICENSE NUMBER F-0221, CHRISTOPHER K. PADERICK, PLS L-4189), DATED AUGUST 5, 2020



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PLOT DATE:
10/8/2020

REVISIONS:

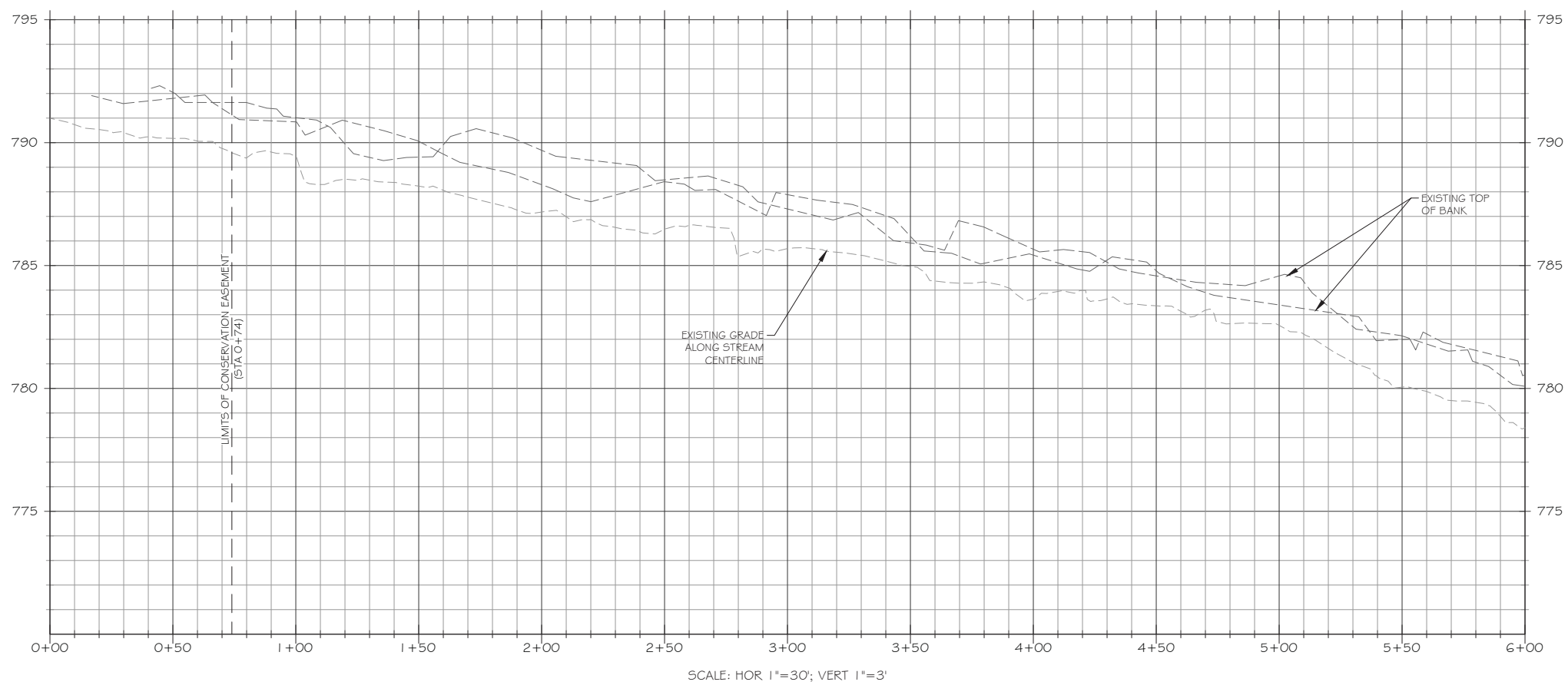
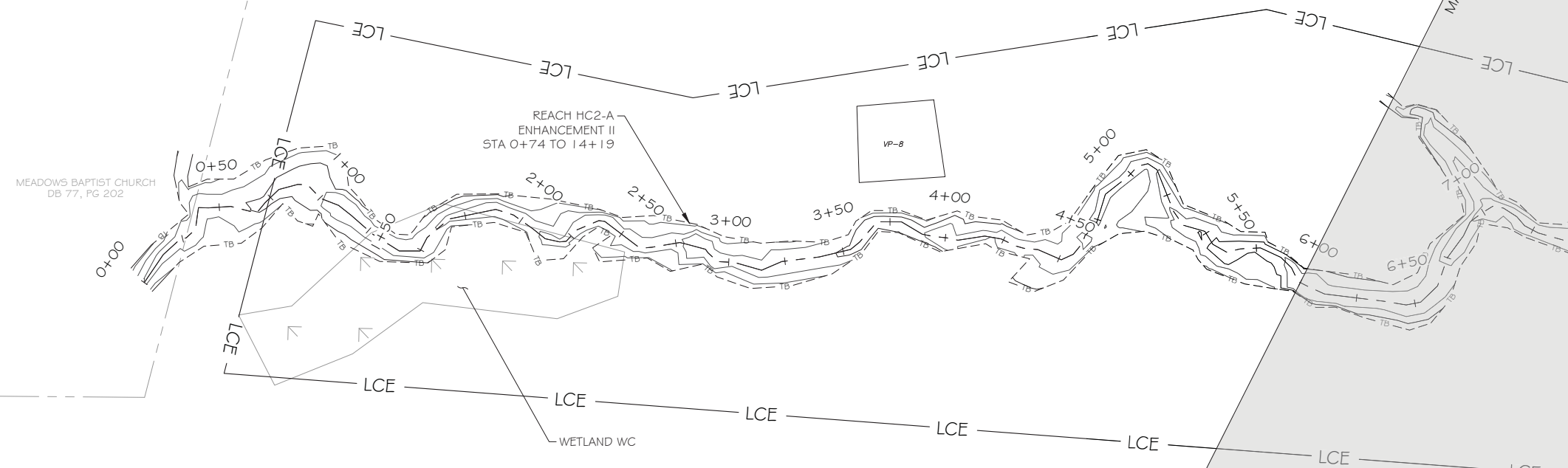
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PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

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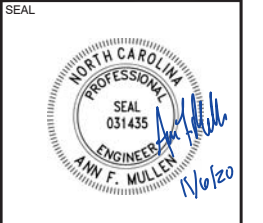
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- EXISTING OVERHEAD ELECTRIC UTILITY LINE
- PROPERTY LINE
- PROPOSED CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED TOP OF BANK
- PROPOSED CHANNEL CENTERLINE
- AS-BUILT CONTOUR MAJOR
- AS-BUILT CONTOUR MINOR
- AS-BUILT TOP OF BANK
- AS-BUILT CHANNEL CENTERLINE
- BRUSH TOE PROTECTION
- LOG SILL
- LOG VANE
- LOG CROSS VANE
- ROCK CROSS VANE
- ROCK A-VANE
- STEP POOL
- RIFFLE GRADE CONTROL
- ENGINEERED SEDIMENT PACK
- AS-BUILT BRUSH TOE
- AS-BUILT LOG STRUCTURE
- AS-BUILT ROCK STRUCTURE
- AS-BUILT RIFFLE
- AS-BUILT ENGINEERED SEDIMENT PACK
- AS-BUILT CROSS-SECTION
- AS-BUILT FLOW GAUGE
- AS-BUILT STAGE RECORDER
- AS-BUILT VEGETATION MONITORING PLOT
- AS-BUILT FENCING
- AS-BUILT TREELINE
- LIMITS OF PROPOSED CONSERVATION EASEMENT

NOTE: ALL SIGNIFICANT CHANGES FROM THE DESIGN ARE SHOWN IN RED



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FULL SCALE: 1"=30'
0 30 60
2" = FULL SCALE
1" = HALF SCALE

PLOT DATE:
10/8/2020

REVISIONS:

RELEASED FOR:
RECORD DRAWINGS

PROJECT NAME:
MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

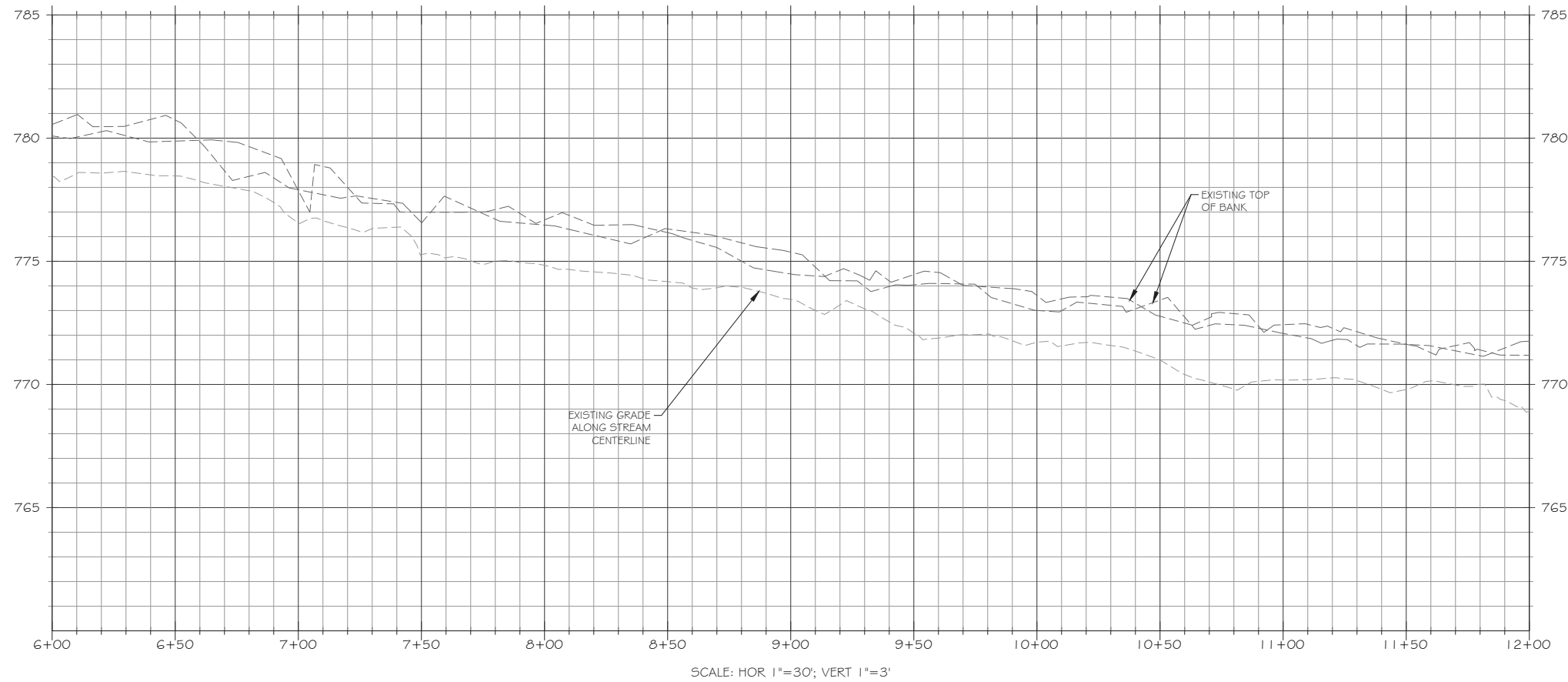
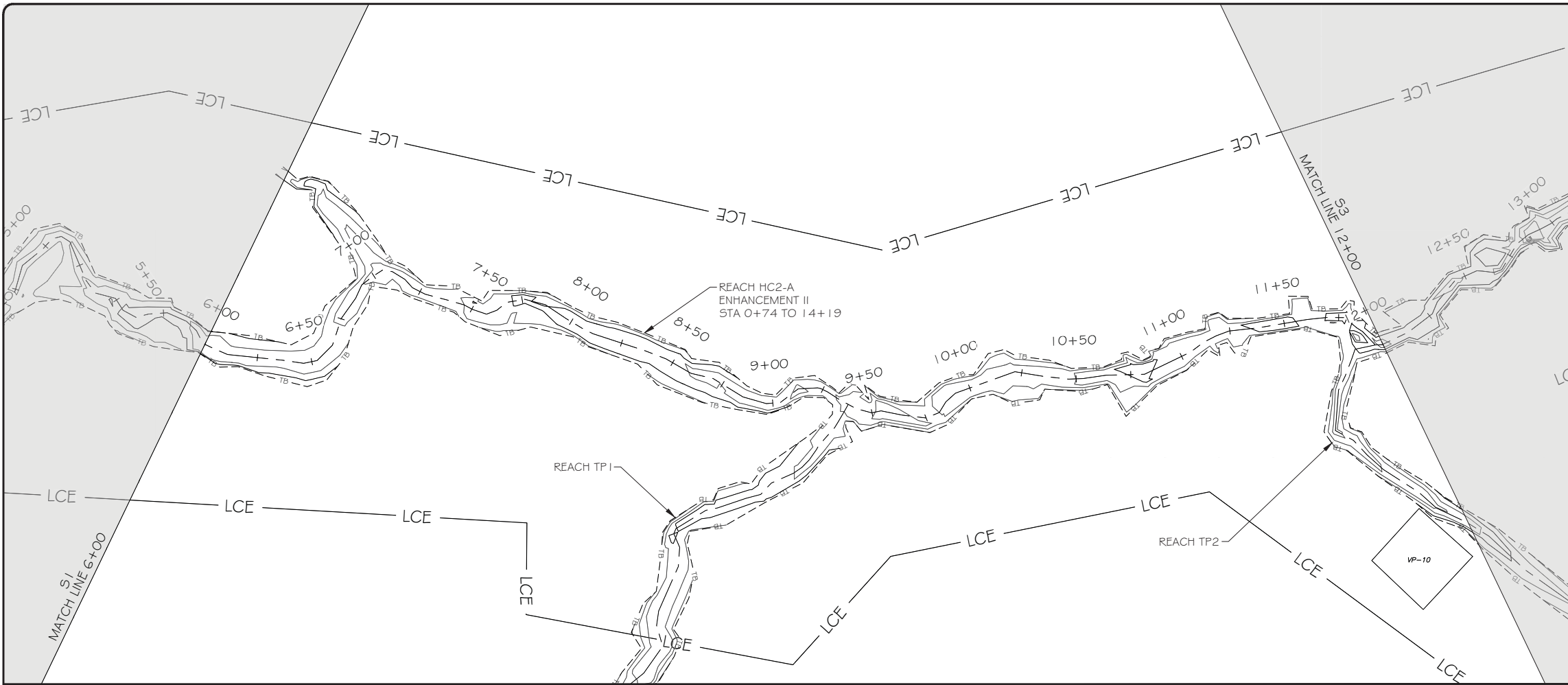
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PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:

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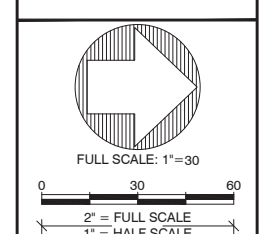
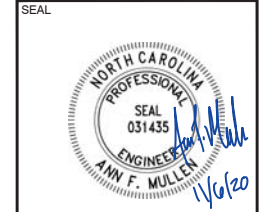
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| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
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| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
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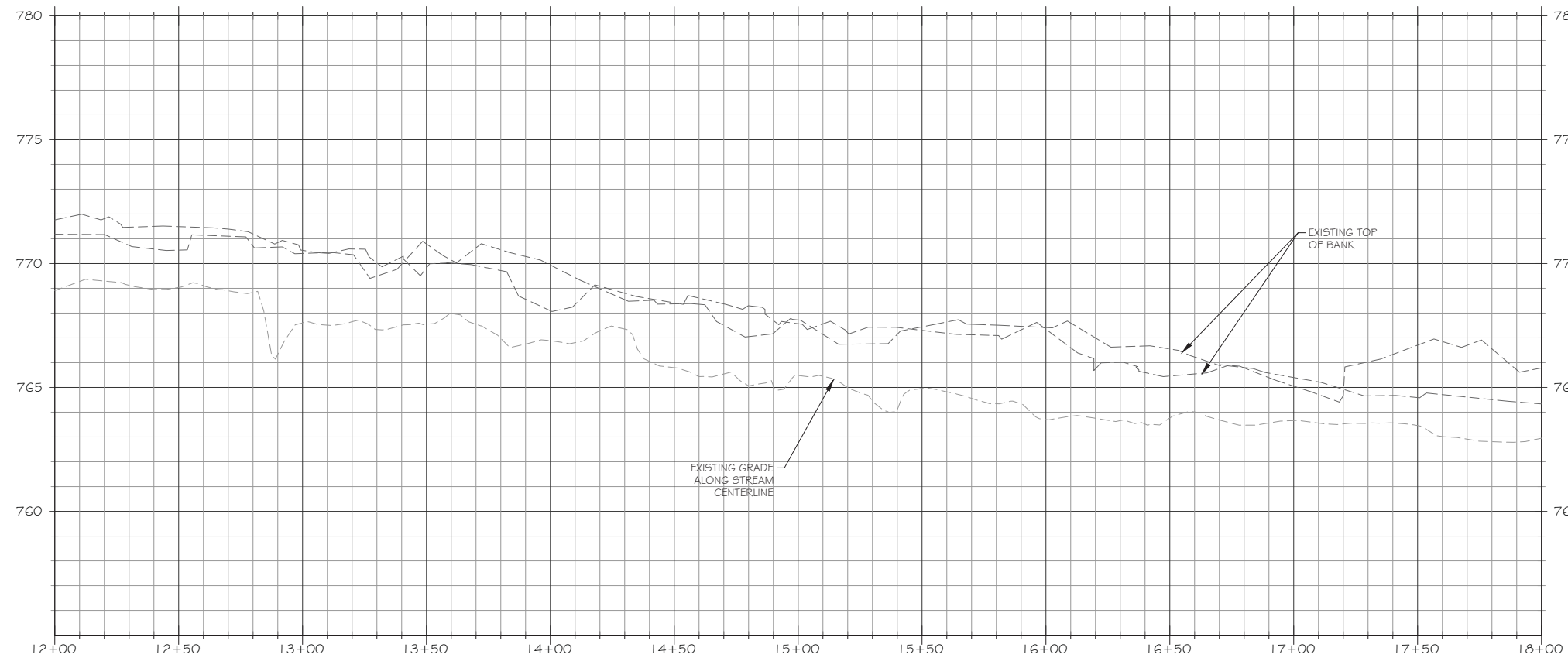
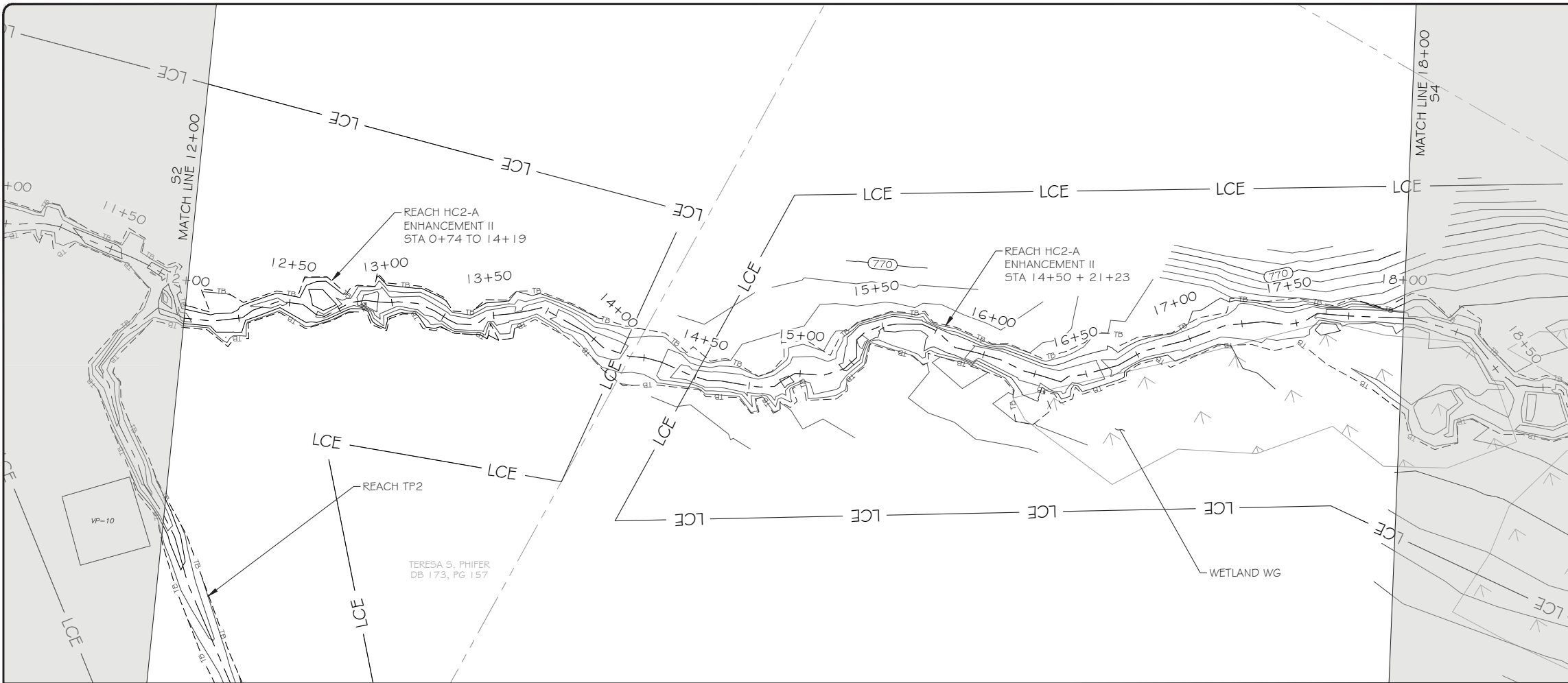
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MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

DRAWING TITLE:
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PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S2

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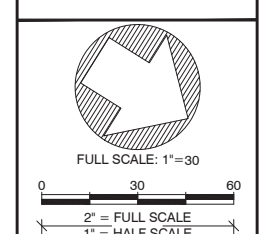
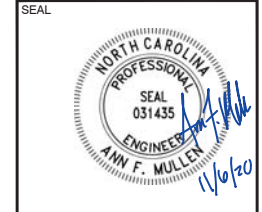
| LEGEND | |
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| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
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| AS-BUILT LOG STRUCTURE | |
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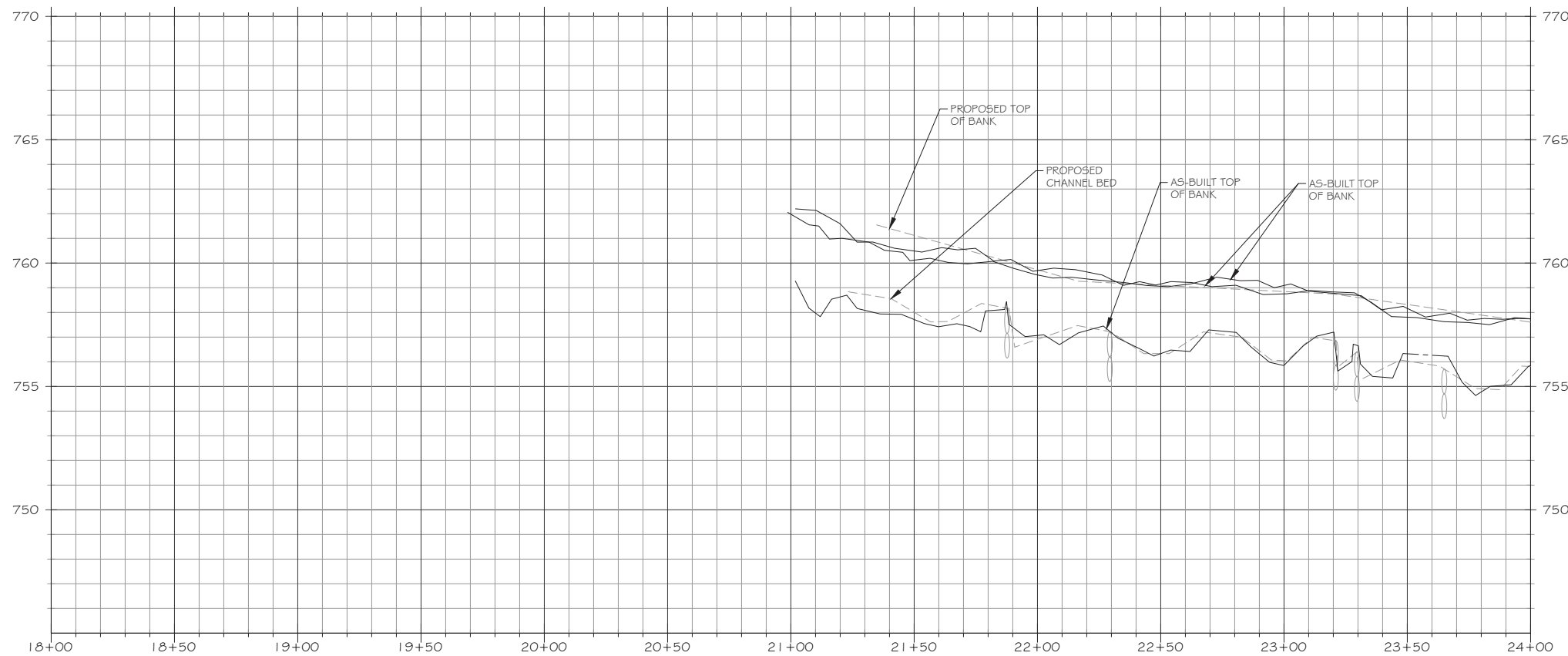
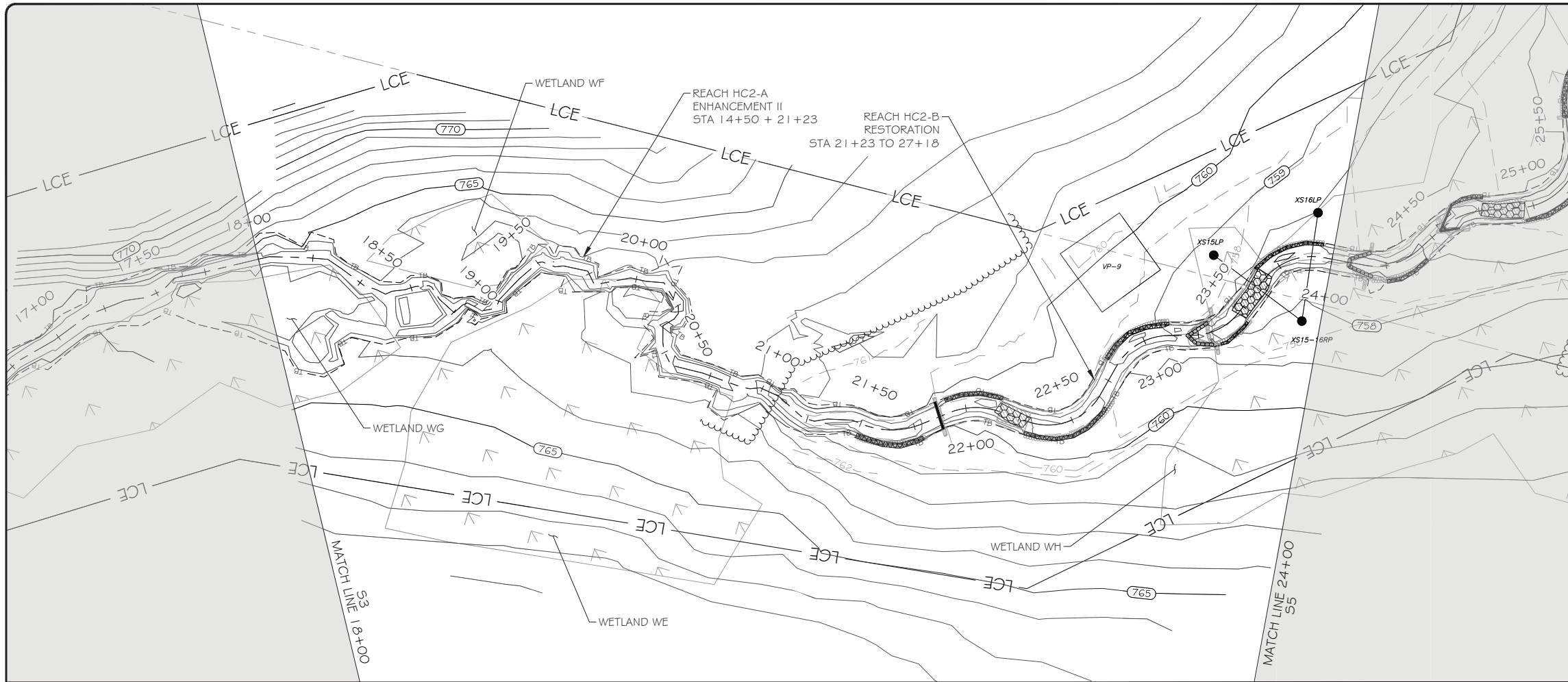
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MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

DRAWING TITLE:
REACH HC2

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S3

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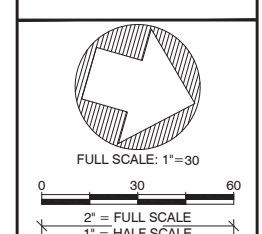
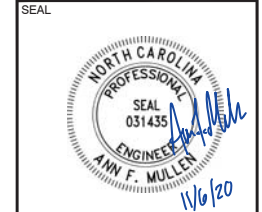
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| PROPERTY LINE | |
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| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
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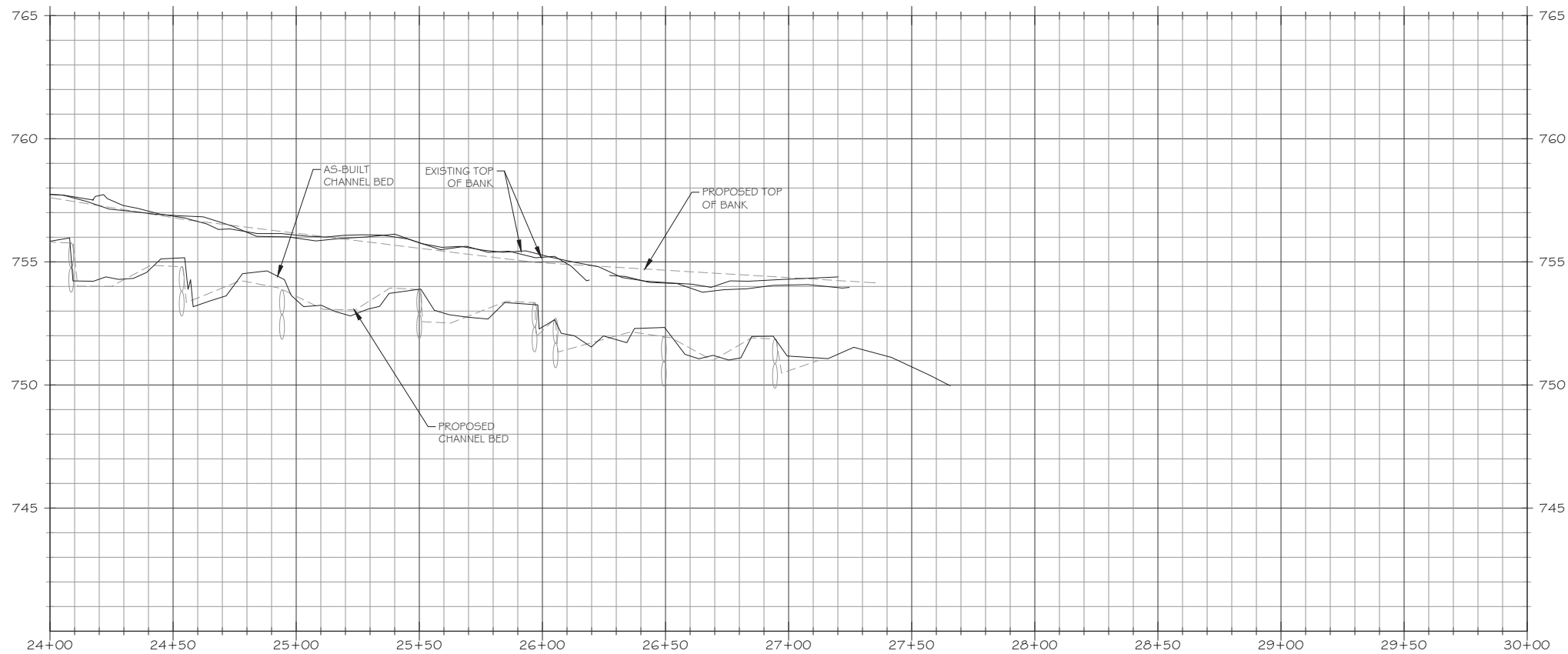
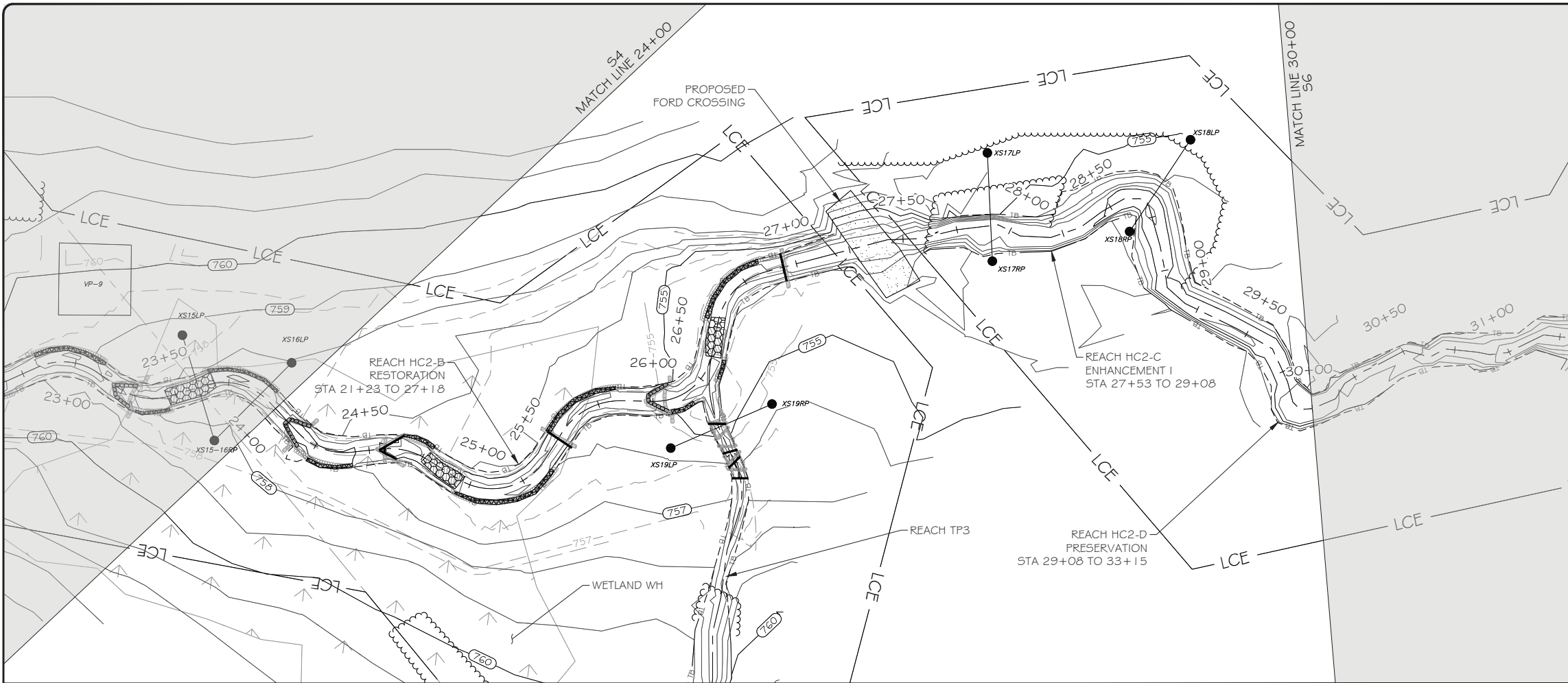
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**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

DRAWING TITLE:
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PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S4

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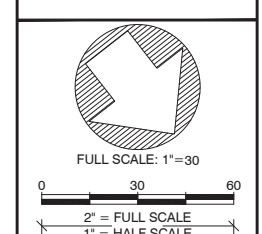
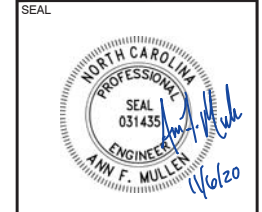
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| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
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| AS-BUILT CHANNEL CENTERLINE | |
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0 30 60
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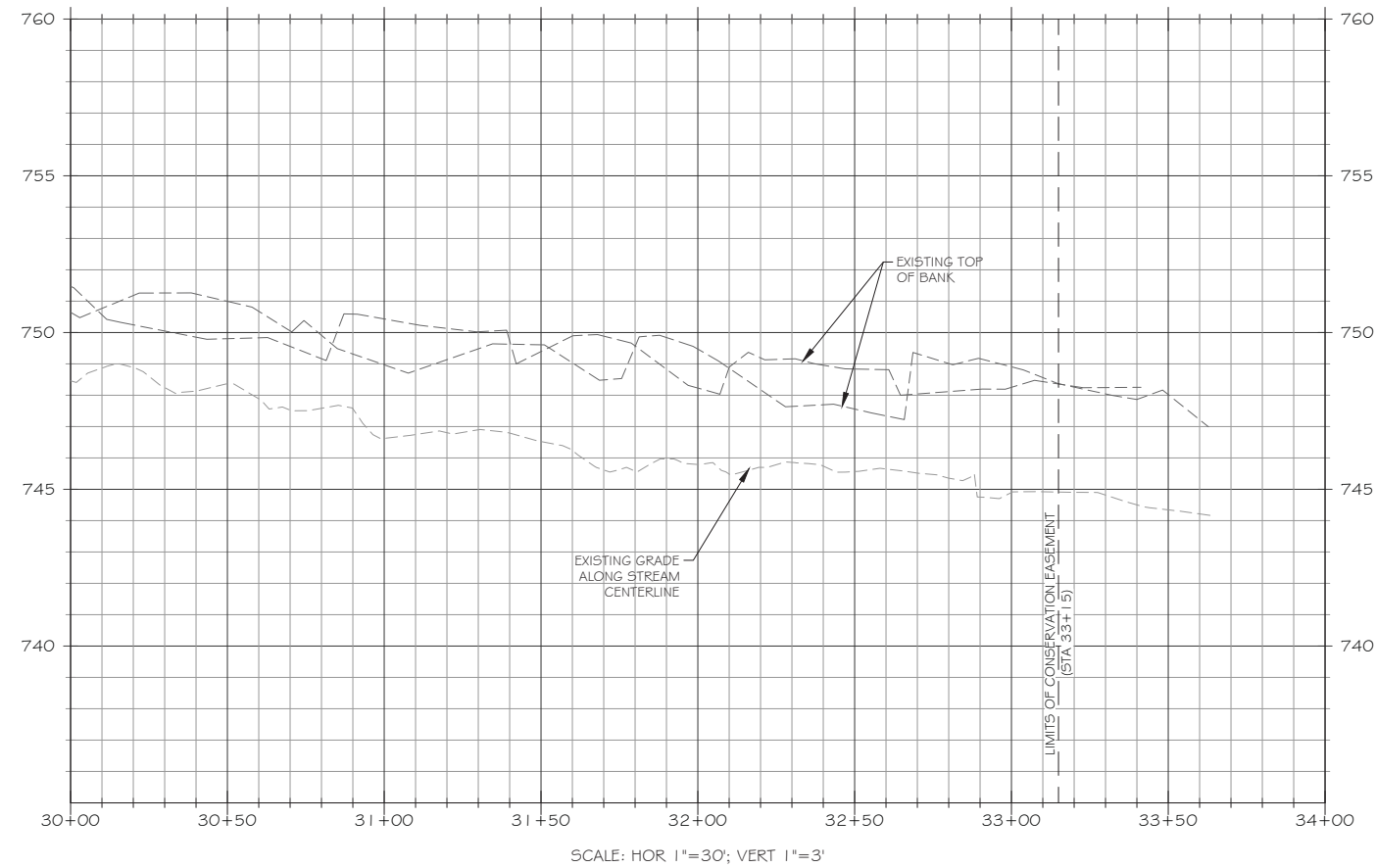
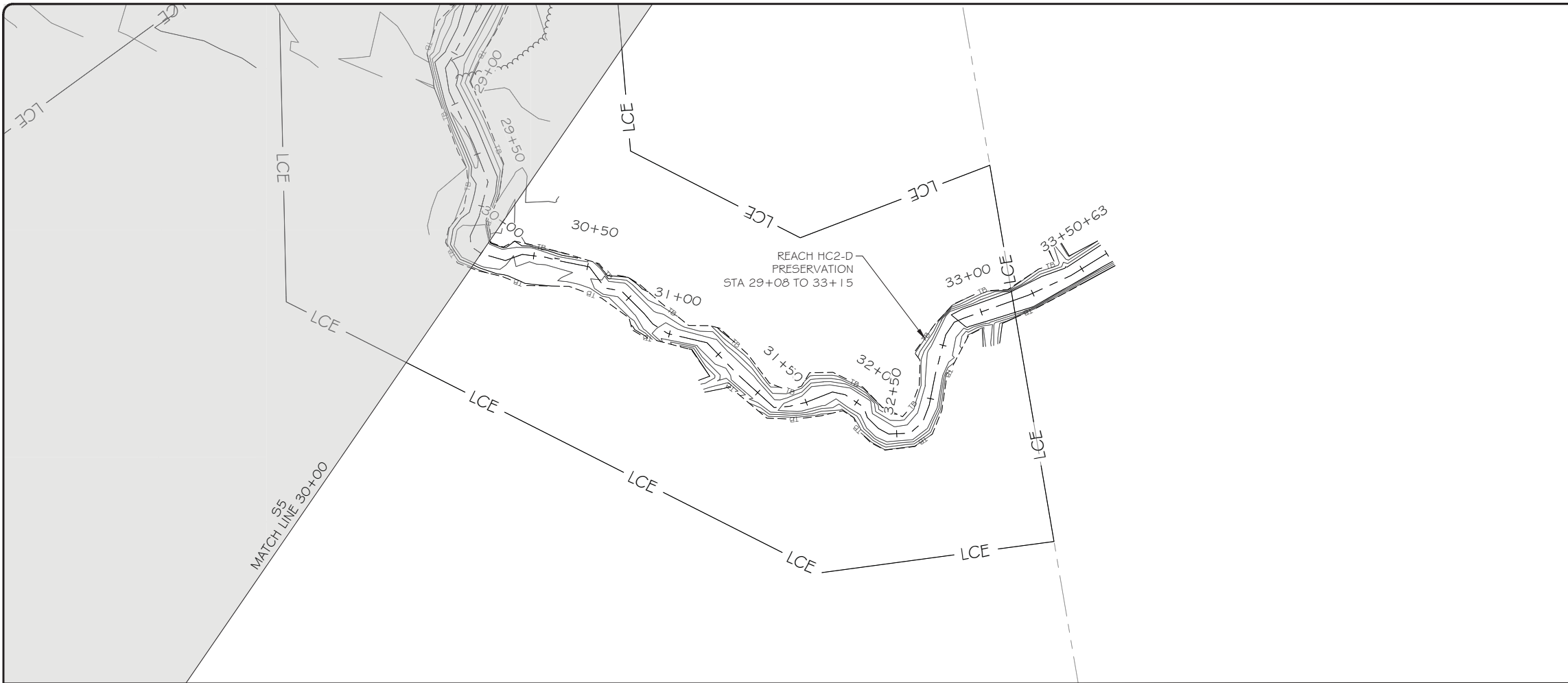
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MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

DRAWING TITLE:
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PROJECT NUMBER: 0312
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DESIGNED: AFM
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SHEET NUMBER:
S5

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LEGEND

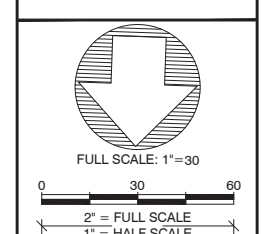
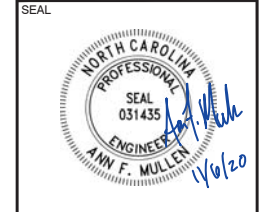
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| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
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| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
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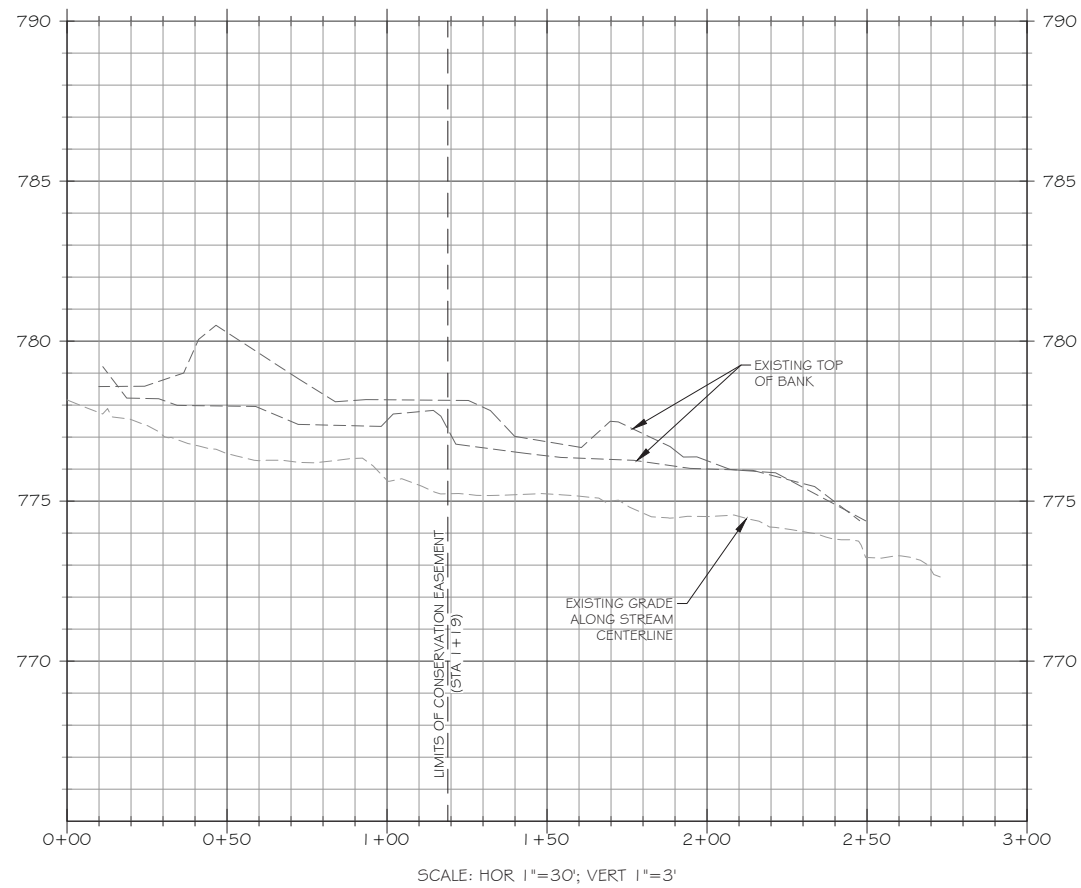
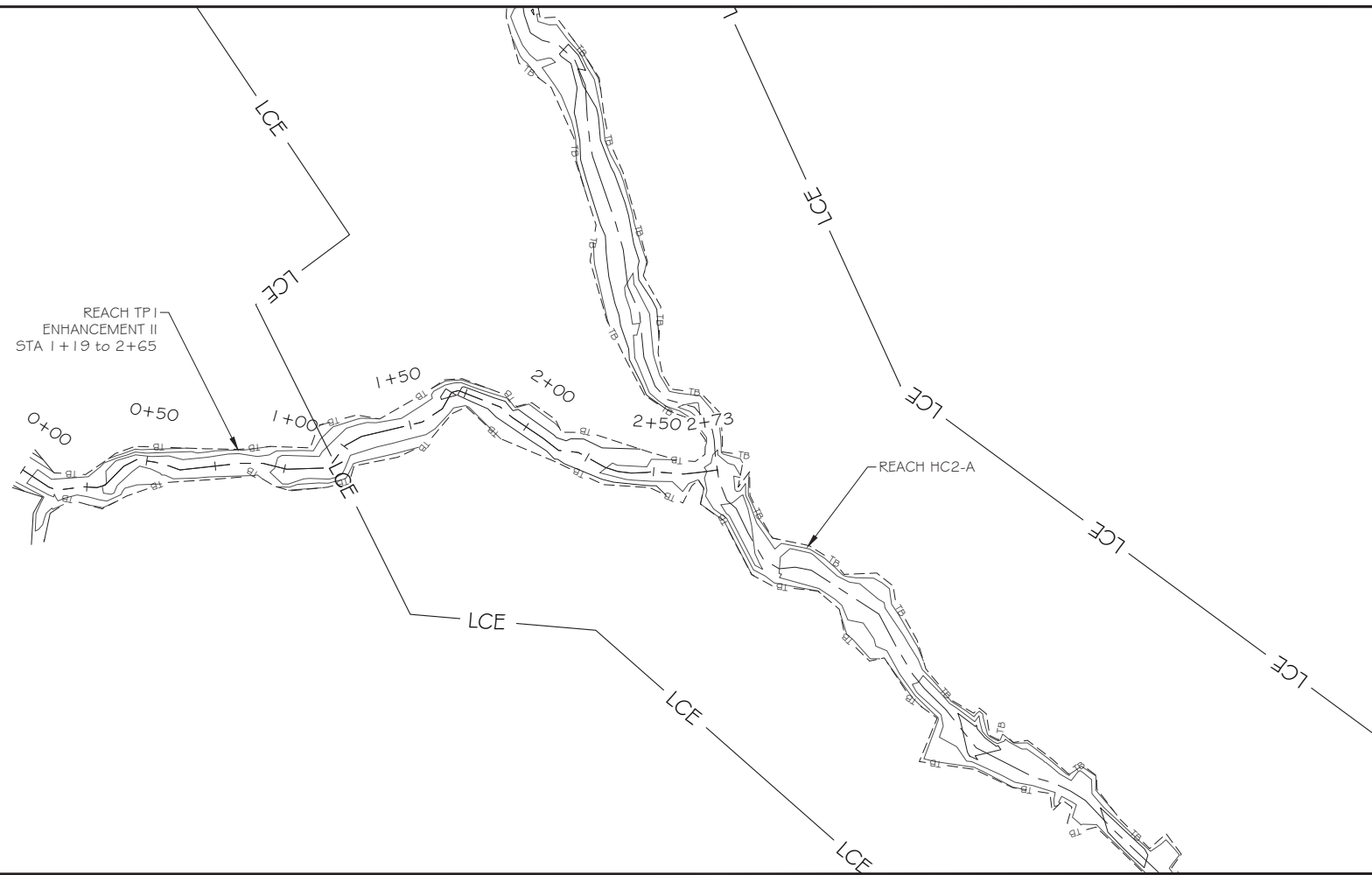
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**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

DRAWING TITLE:
REACH HC2

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| PROJECT MANAGER: | BPB |
| DESIGNED: | AFM |
| DRAWN: | SCF |
| CHECKED: | AFM |

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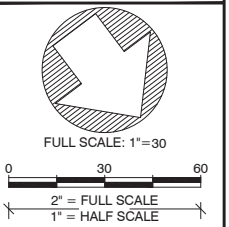
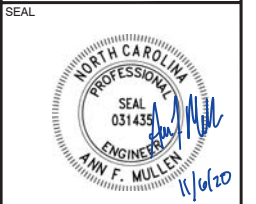
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- PROPERTY LINE
- PROPOSED CONTOUR MAJOR
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- AS-BUILT RIFFLE
- AS-BUILT ENGINEERED SEDIMENT PACK
- AS-BUILT CROSS-SECTION
- AS-BUILT FLOW GAUGE
- AS-BUILT STAGE RECORDER
- AS-BUILT VEGETATION MONITORING PLOT
- AS-BUILT FENCING
- AS-BUILT TREELINE
- LIMITS OF PROPOSED CONSERVATION EASEMENT

NOTE: ALL SIGNIFICANT CHANGES FROM THE DESIGN ARE SHOWN IN RED



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PLOT DATE:
10/8/2020

REVISIONS:

RELEASED FOR:
RECORD DRAWINGS

PROJECT NAME:
**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

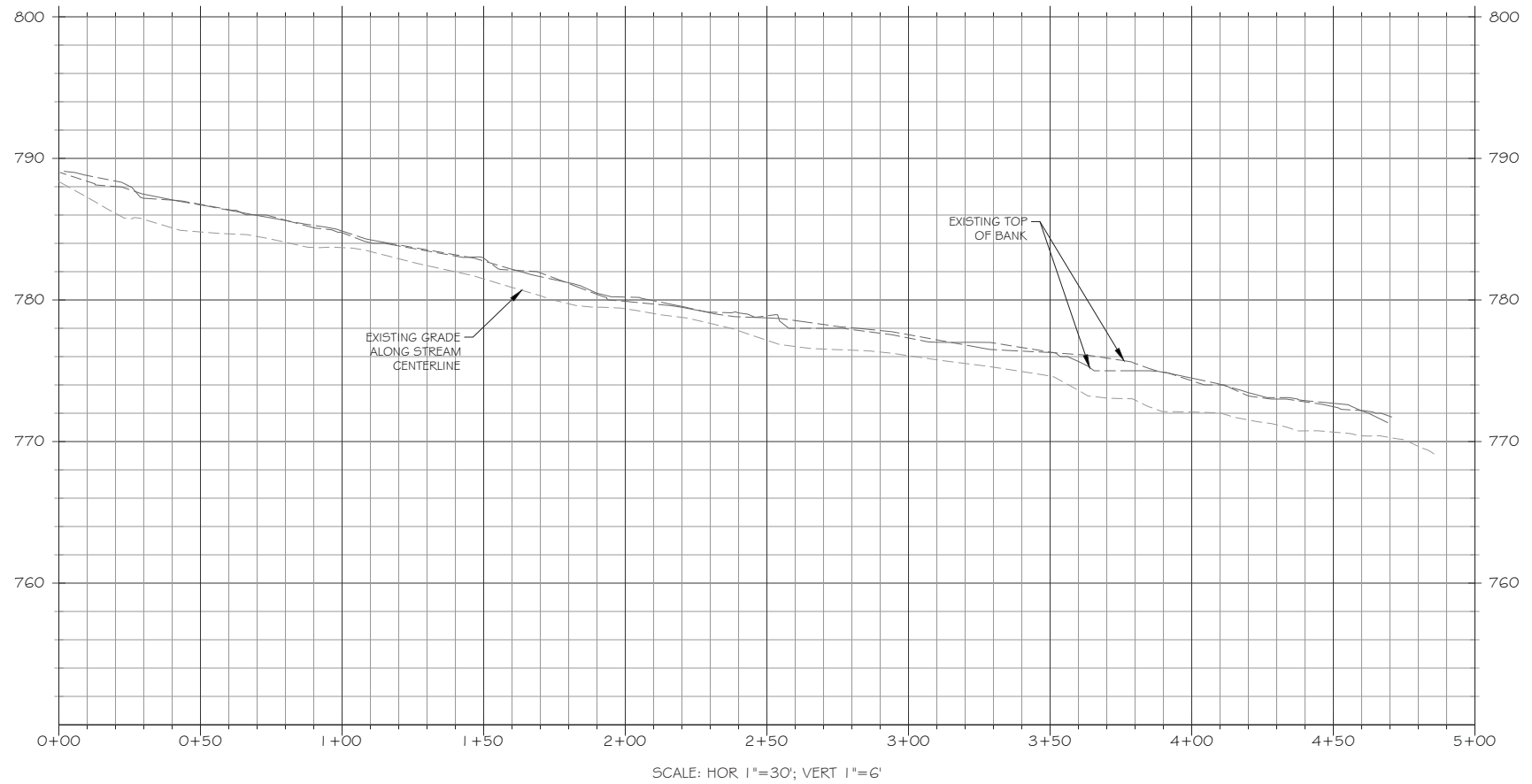
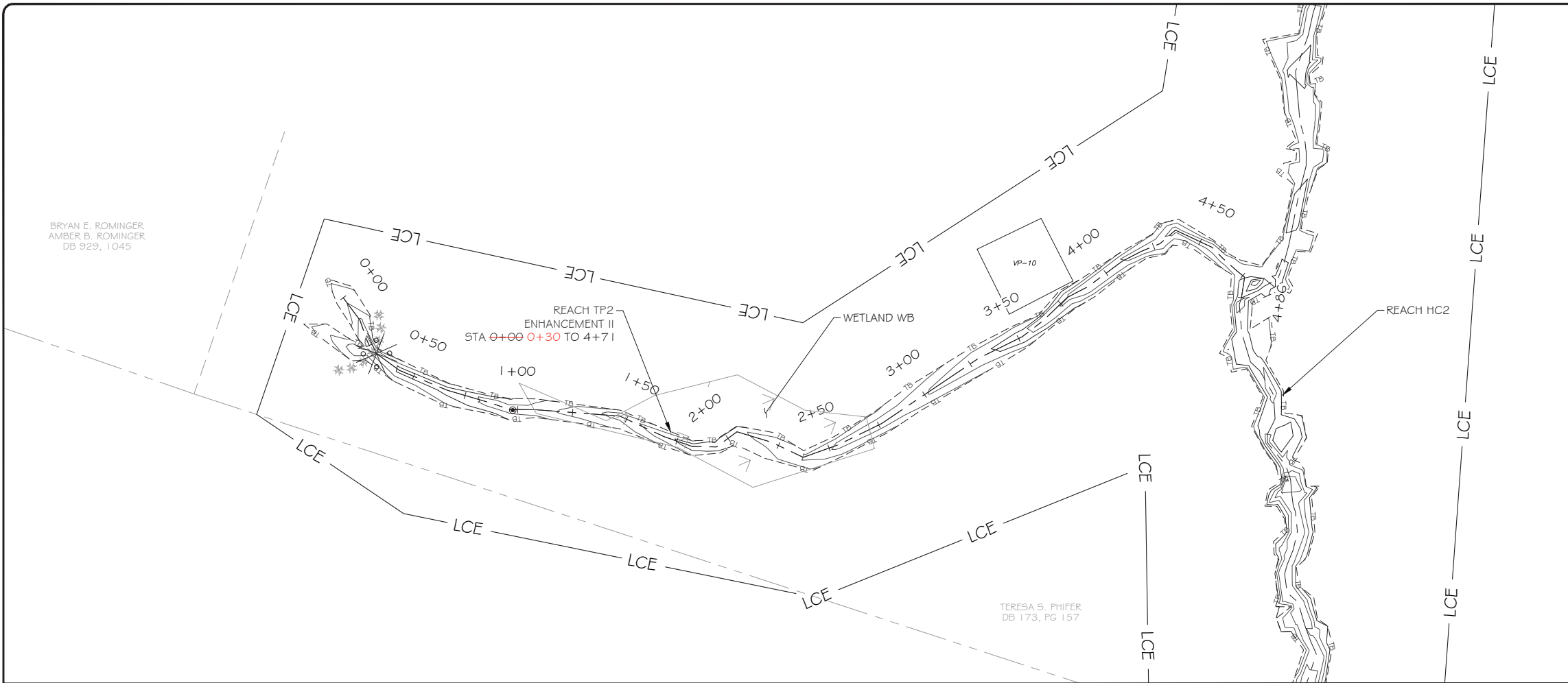
DRAWING TITLE:
REACH TP1

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:

S7

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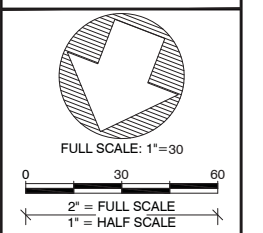
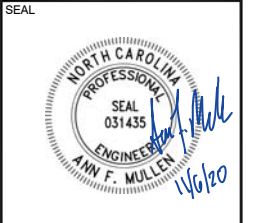
| LEGEND | |
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| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
| AS-BUILT ROCK STRUCTURE | |
| AS-BUILT RIFFLE | |
| AS-BUILT ENGINEERED SEDIMENT PACK | |
| AS-BUILT CROSS-SECTION | |
| AS-BUILT FLOW GAUGE | |
| AS-BUILT STAGE RECORDER | |
| AS-BUILT VEGETATION MONITORING PLOT | |
| AS-BUILT FENCING | |
| AS-BUILT TREELINE | |
| LIMITS OF PROPOSED CONSERVATION EASEMENT | |

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| PLOT DATE: 10/8/2020 | REVISIONS: | RELEASED FOR: RECORD DRAWINGS |
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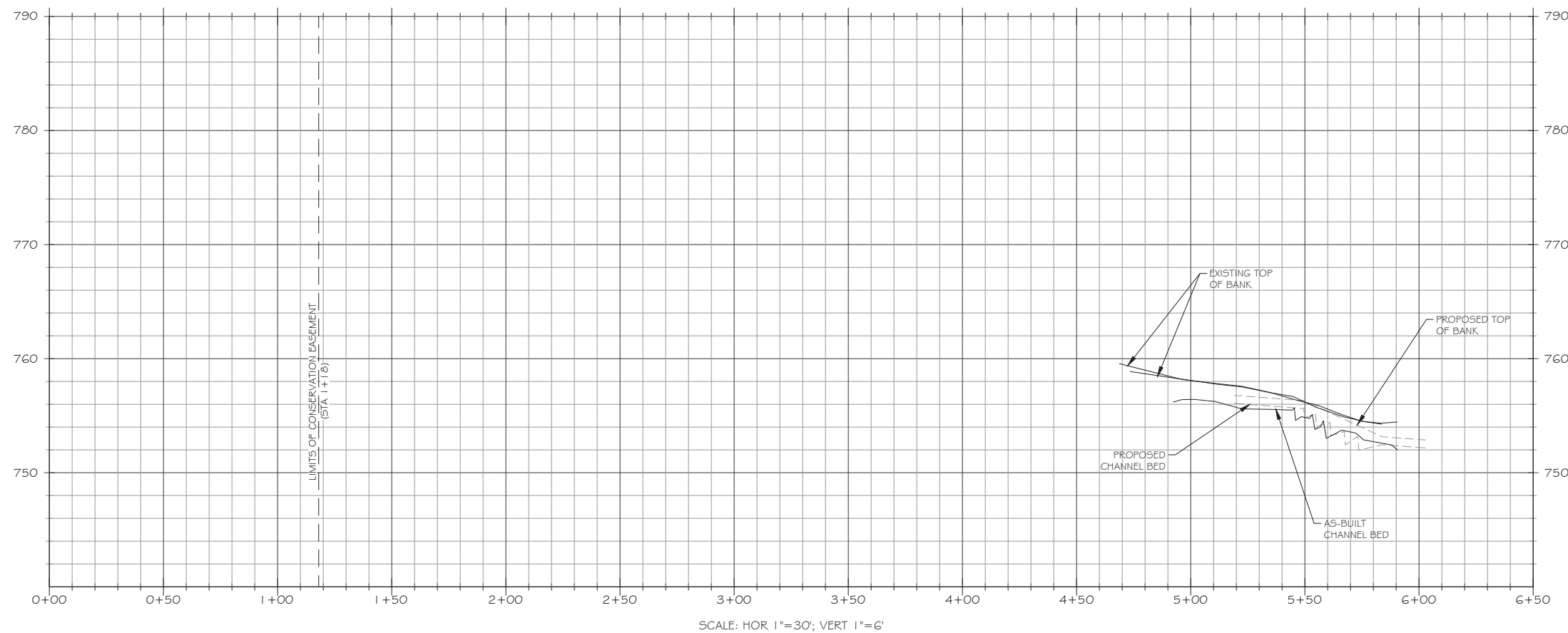
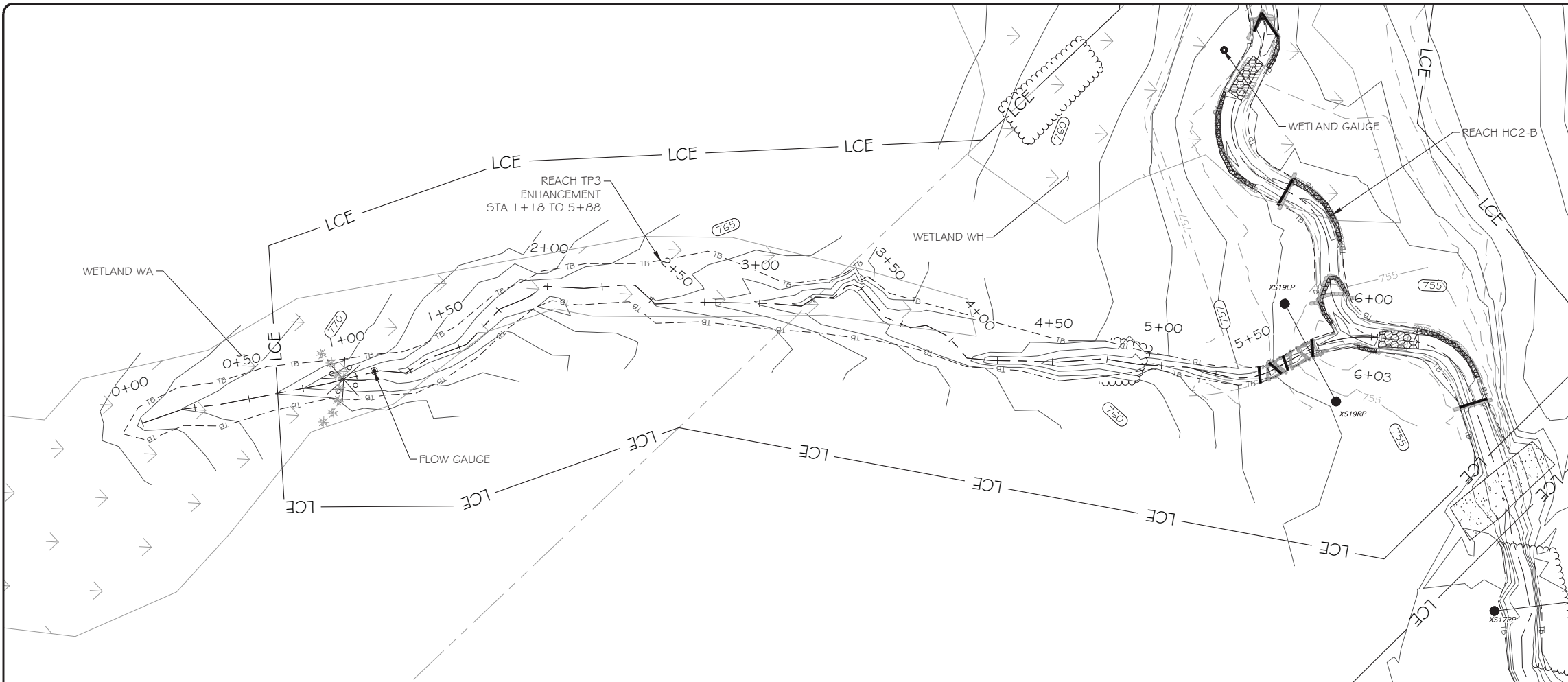
PROJECT NAME:
**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

DRAWING TITLE:
REACH TP2

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S8

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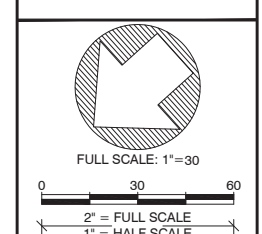
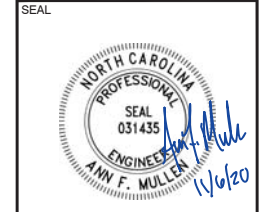
| LEGEND | |
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| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
| AS-BUILT ROCK STRUCTURE | |
| AS-BUILT RIFFLE | |
| AS-BUILT ENGINEERED SEDIMENT PACK | |
| AS-BUILT CROSS-SECTION | |
| AS-BUILT FLOW GAUGE | |
| AS-BUILT STAGE RECORDER | |
| AS-BUILT VEGETATION MONITORING PLOT | |
| AS-BUILT FENCING | |
| AS-BUILT TREELINE | |
| LIMITS OF PROPOSED CONSERVATION EASEMENT | |

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FULL SCALE: 1"=30'
0 30 60
2" = FULL SCALE
1" = HALF SCALE

PLOT DATE:
10/8/2020

REVISIONS:

RELEASED FOR:
RECORD DRAWINGS

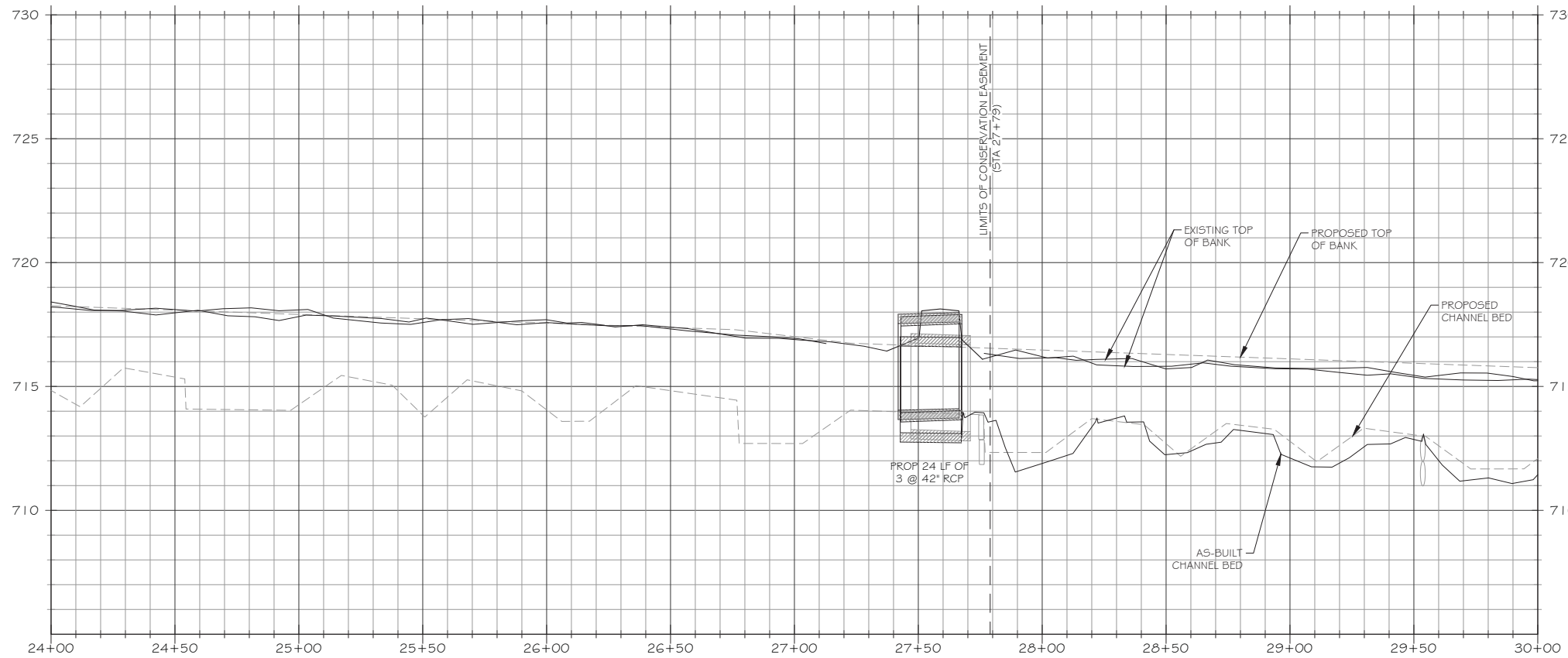
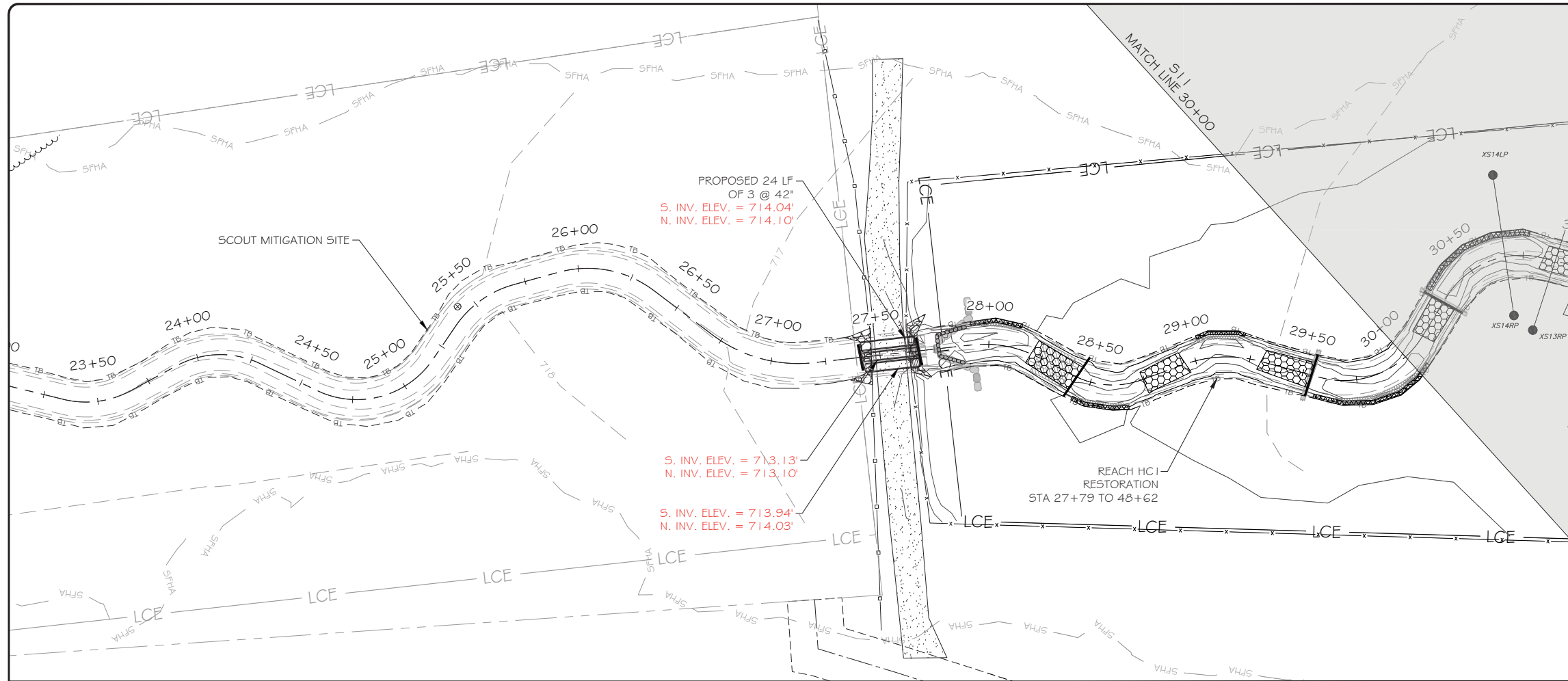
PROJECT NAME:
MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

DRAWING TITLE:
REACH TP3

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S9

FILE NAME: R:\resg\droppbox\gis\projects\NC\Mockingbird\CAD\DWG\ABR\MB\0312_ABR\12_ABR\HC1.dwg SAVED BY: Fmullen



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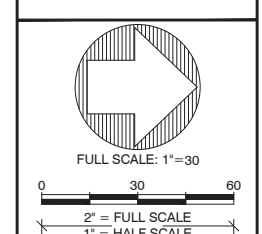
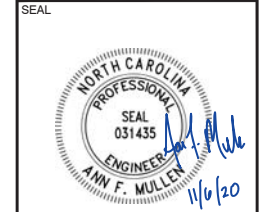
| LEGEND | |
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| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
| AS-BUILT ROCK STRUCTURE | |
| AS-BUILT RIFFLE | |
| AS-BUILT ENGINEERED SEDIMENT PACK | |
| AS-BUILT CROSS-SECTION | |
| AS-BUILT FLOW GAUGE | |
| AS-BUILT STAGE RECORDER | |
| AS-BUILT VEGETATION MONITORING PLOT | |
| AS-BUILT FENCING | |
| AS-BUILT TREELINE | |
| LIMITS OF PROPOSED CONSERVATION EASEMENT | |

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PLOT DATE:
10/8/2020

REVISIONS:

RELEASED FOR:
RECORD DRAWINGS

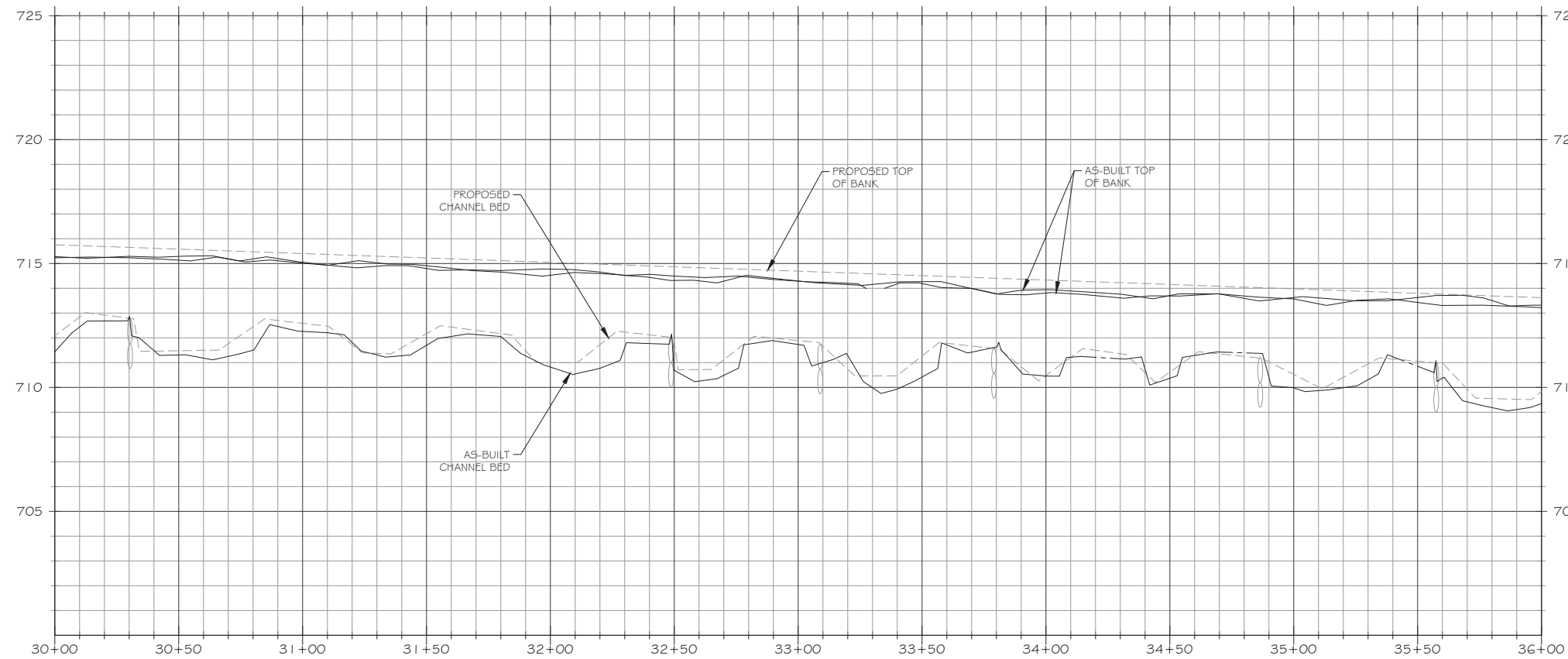
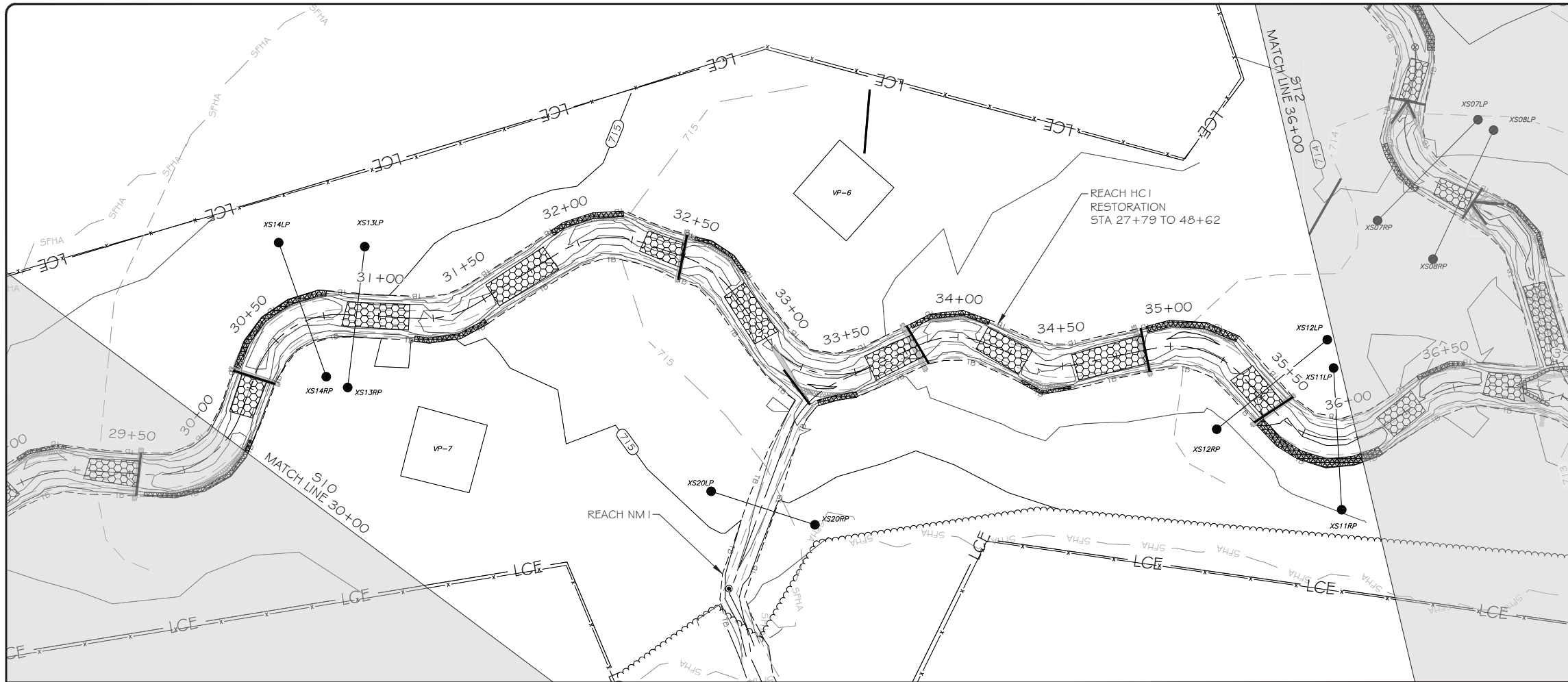
PROJECT NAME:
MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

DRAWING TITLE:
REACH HC1

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S10

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SCALE: HOR 1"=30'; VERT 1"=3'

LEGEND

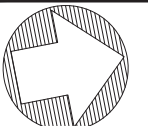
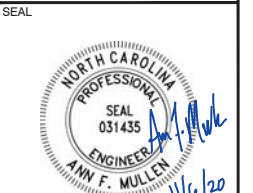
- EXISTING WETLAND
- EXISTING OVERHEAD ELECTRIC UTILITY LINE
- PROPERTY LINE
- PROPOSED CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED TOP OF BANK
- PROPOSED CHANNEL CENTERLINE
- AS-BUILT CONTOUR MAJOR
- AS-BUILT CONTOUR MINOR
- AS-BUILT TOP OF BANK
- AS-BUILT CHANNEL CENTERLINE
- BRUSH TOE PROTECTION
- LOG SILL
- LOG VANE
- LOG CROSS VANE
- ROCK CROSS VANE
- ROCK A-VANE
- STEP POOL
- RIFFLE GRADE CONTROL
- ENGINEERED SEDIMENT PACK
- AS-BUILT BRUSH TOE
- AS-BUILT LOG STRUCTURE
- AS-BUILT ROCK STRUCTURE
- AS-BUILT RIFFLE
- AS-BUILT ENGINEERED SEDIMENT PACK
- AS-BUILT CROSS-SECTION
- AS-BUILT FLOW GAUGE
- AS-BUILT STAGE RECORDER
- AS-BUILT VEGETATION MONITORING PLOT
- AS-BUILT FENCING
- AS-BUILT TREELINE
- LIMITS OF PROPOSED CONSERVATION EASEMENT

NOTE: ALL SIGNIFICANT CHANGES FROM THE DESIGN ARE SHOWN IN RED

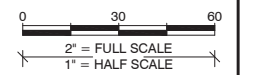


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FULL SCALE: 1"=30'



PLOT DATE:
10/8/2020

REVISIONS:

RELEASED FOR:
RECORD DRAWINGS

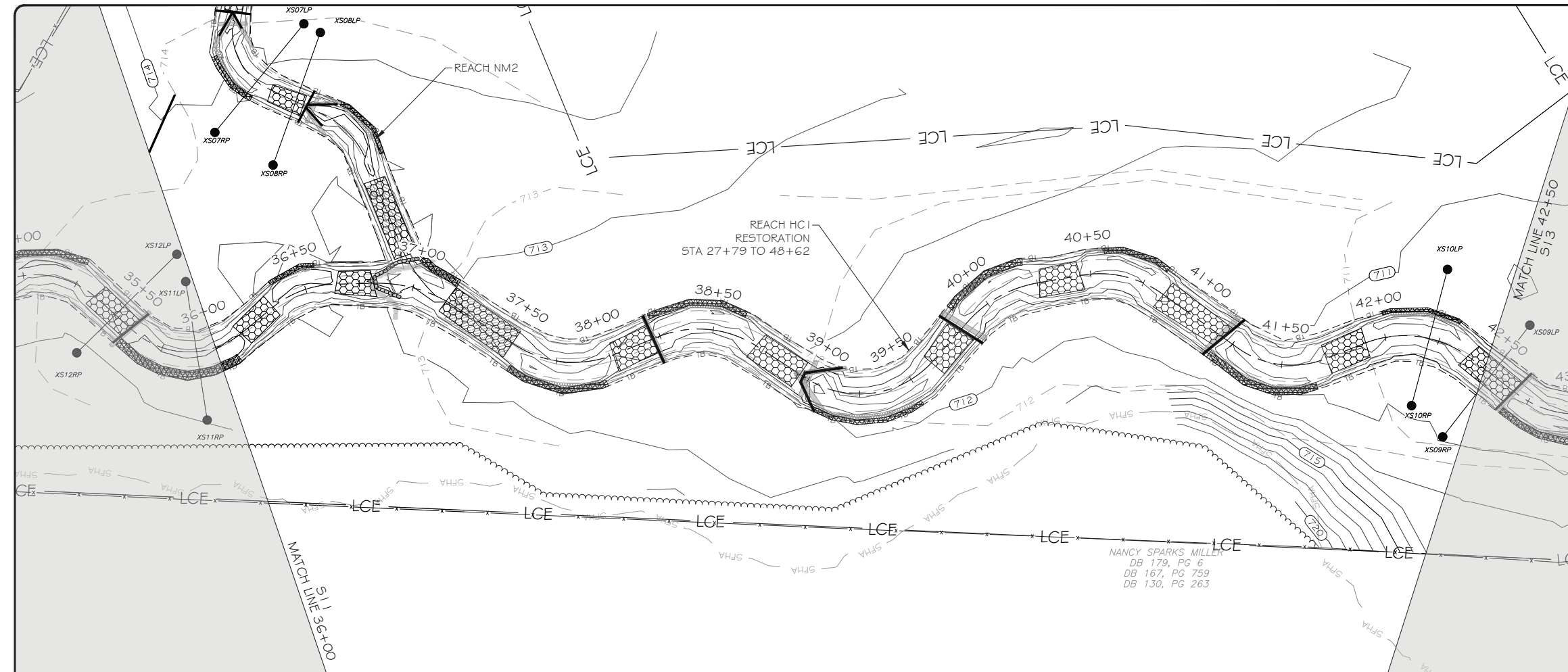
PROJECT NAME:
MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

DRAWING TITLE:
REACH HC1

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:

S11



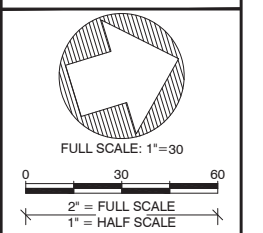
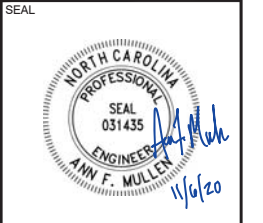
LEGEND

| | |
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| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
| AS-BUILT ROCK STRUCTURE | |
| AS-BUILT RIFFLE | |
| AS-BUILT ENGINEERED SEDIMENT PACK | |
| AS-BUILT CROSS-SECTION | |
| AS-BUILT FLOW GAUGE | |
| AS-BUILT STAGE RECORDER | |
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| AS-BUILT FENCING | |
| AS-BUILT TREELINE | |
| LIMITS OF PROPOSED CONSERVATION EASEMENT | |



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PLOT DATE:
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REVISIONS:

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RECORD DRAWINGS

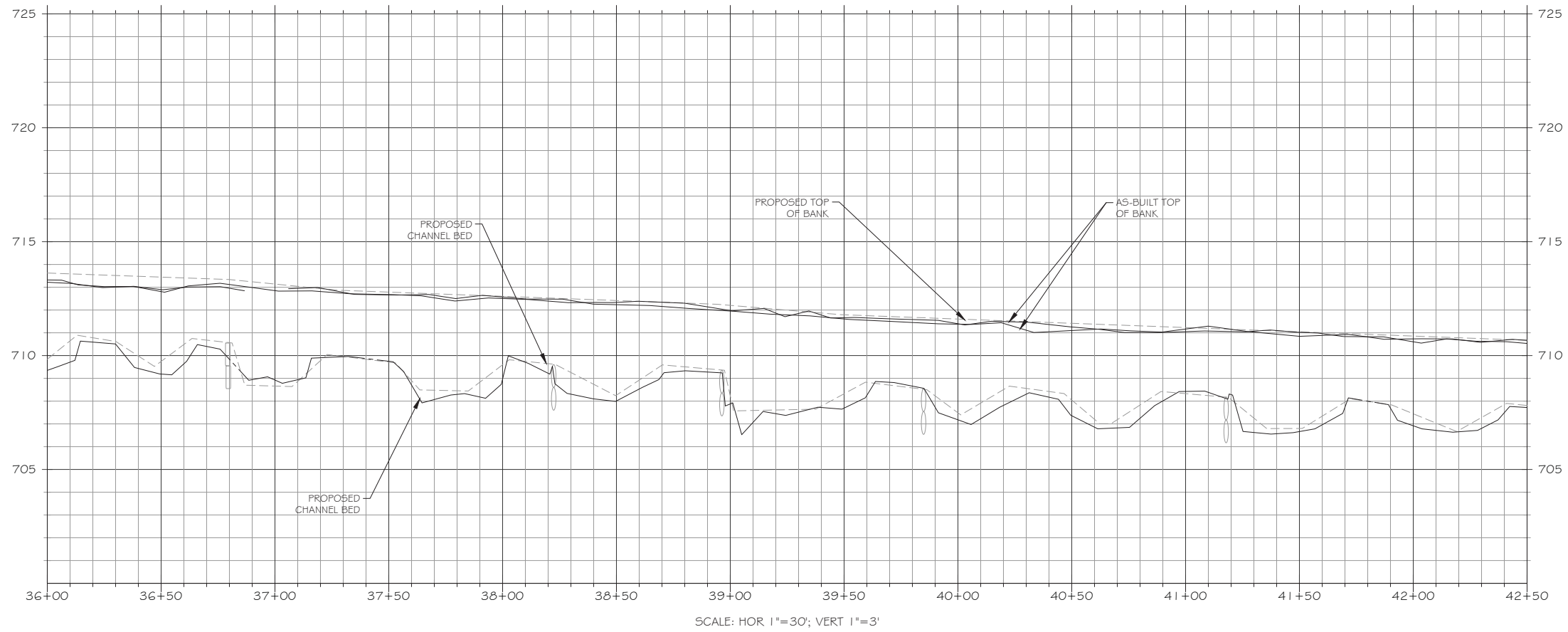
PROJECT NAME:
**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

DRAWING TITLE:
REACH HC1

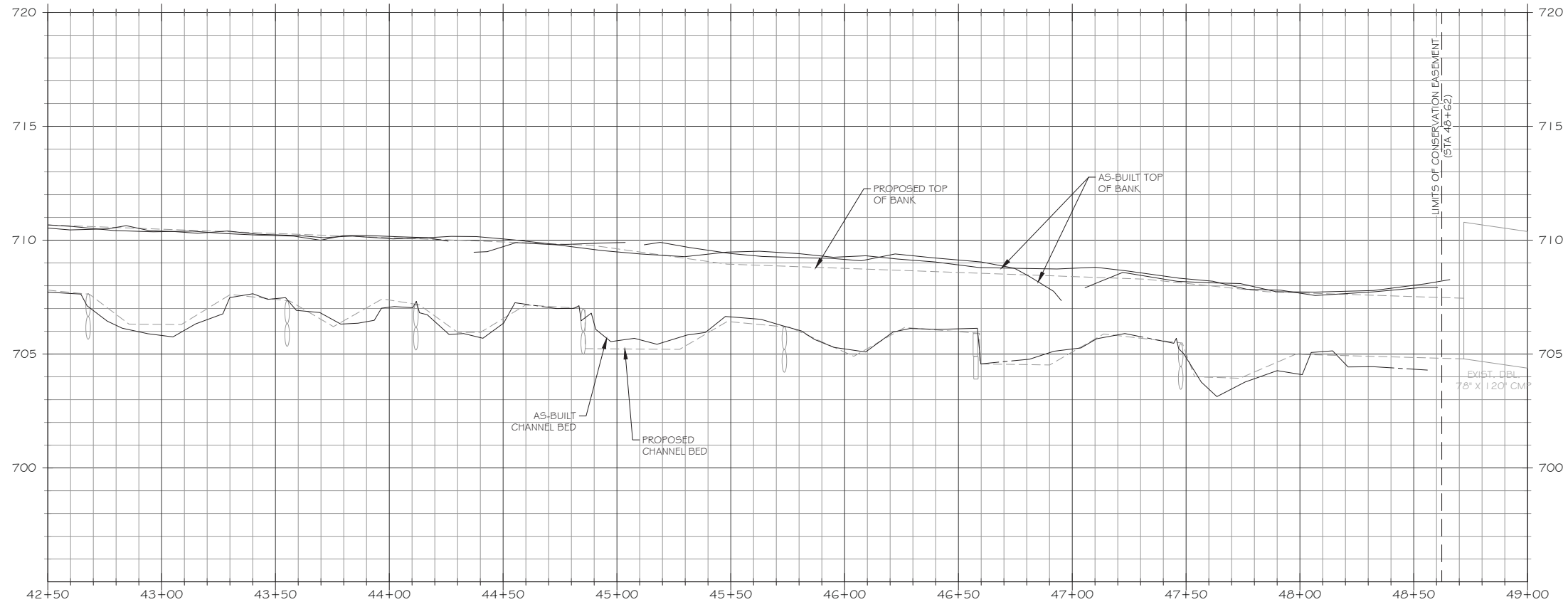
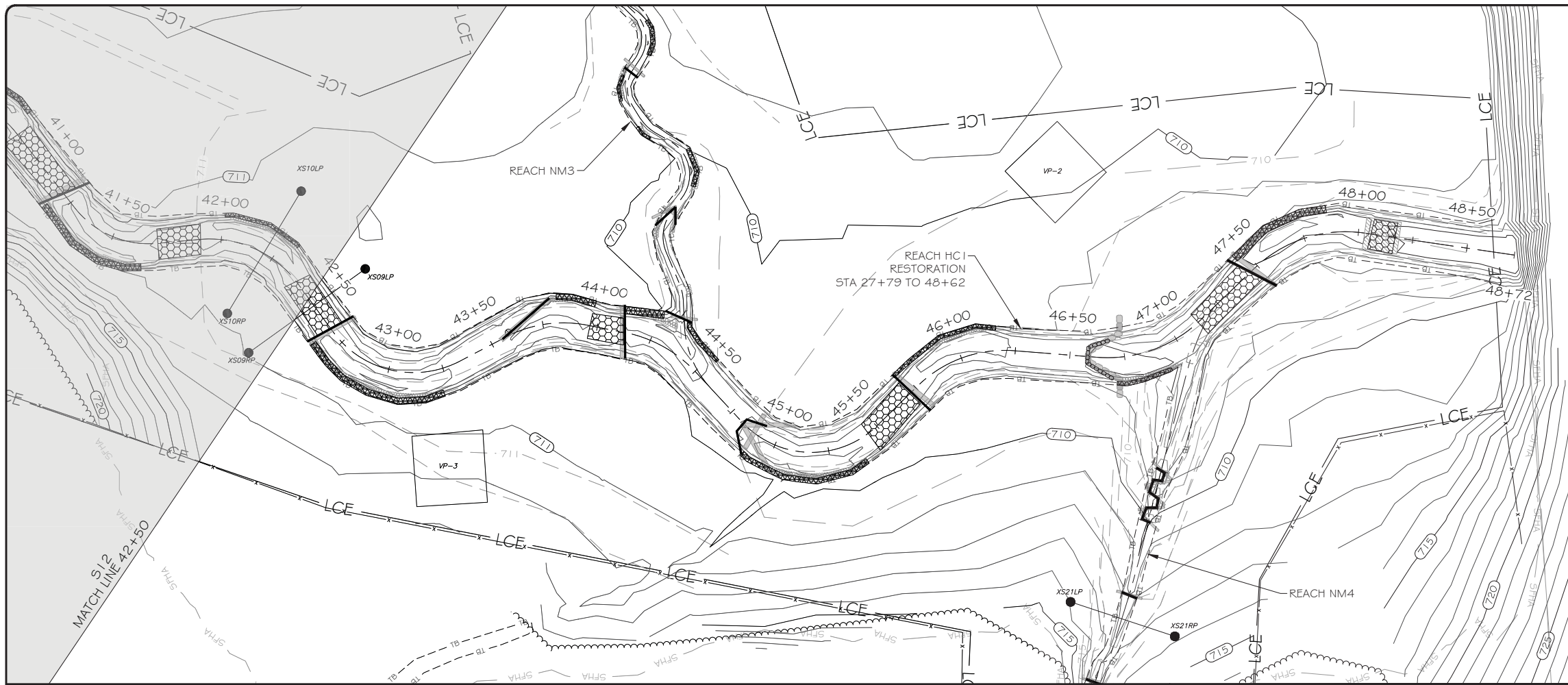
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PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
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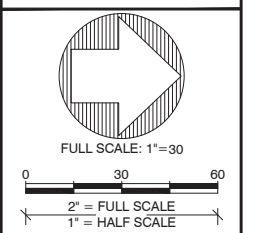
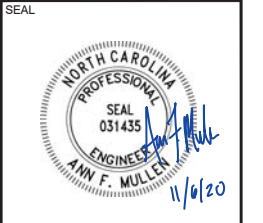
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| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | OHE-# |
| PROPERTY LINE | --- |
| PROPOSED CONTOUR MAJOR | -50- |
| PROPOSED CONTOUR MINOR | --- |
| PROPOSED TOP OF BANK | --- |
| PROPOSED CHANNEL CENTERLINE | --- |
| AS-BUILT CONTOUR MAJOR | (50) |
| AS-BUILT CONTOUR MINOR | --- |
| AS-BUILT TOP OF BANK | --- |
| AS-BUILT CHANNEL CENTERLINE | --- |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
| AS-BUILT ROCK STRUCTURE | |
| AS-BUILT RIFFLE | |
| AS-BUILT ENGINEERED SEDIMENT PACK | |
| AS-BUILT CROSS-SECTION | |
| AS-BUILT FLOW GAUGE | |
| AS-BUILT STAGE RECORDER | |
| AS-BUILT VEGETATION MONITORING PLOT | VP-# |
| AS-BUILT FENCING | |
| AS-BUILT TREELINE | |
| LIMITS OF PROPOSED CONSERVATION EASEMENT | LCE |

NOTE: ALL SIGNIFICANT CHANGES FROM THE DESIGN ARE SHOWN IN RED



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PLOT DATE:
10/8/2020

REVISIONS:

RELEASED FOR:
RECORD DRAWINGS

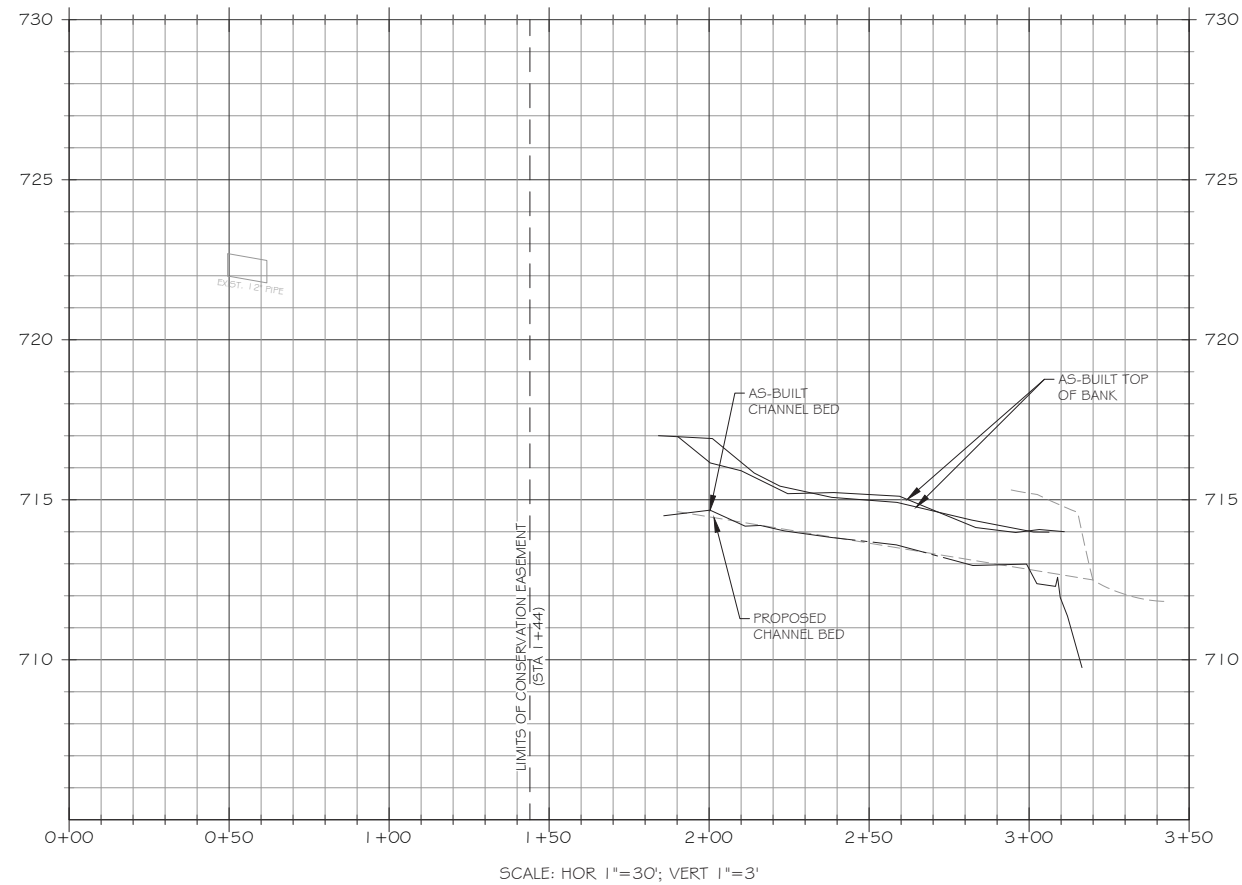
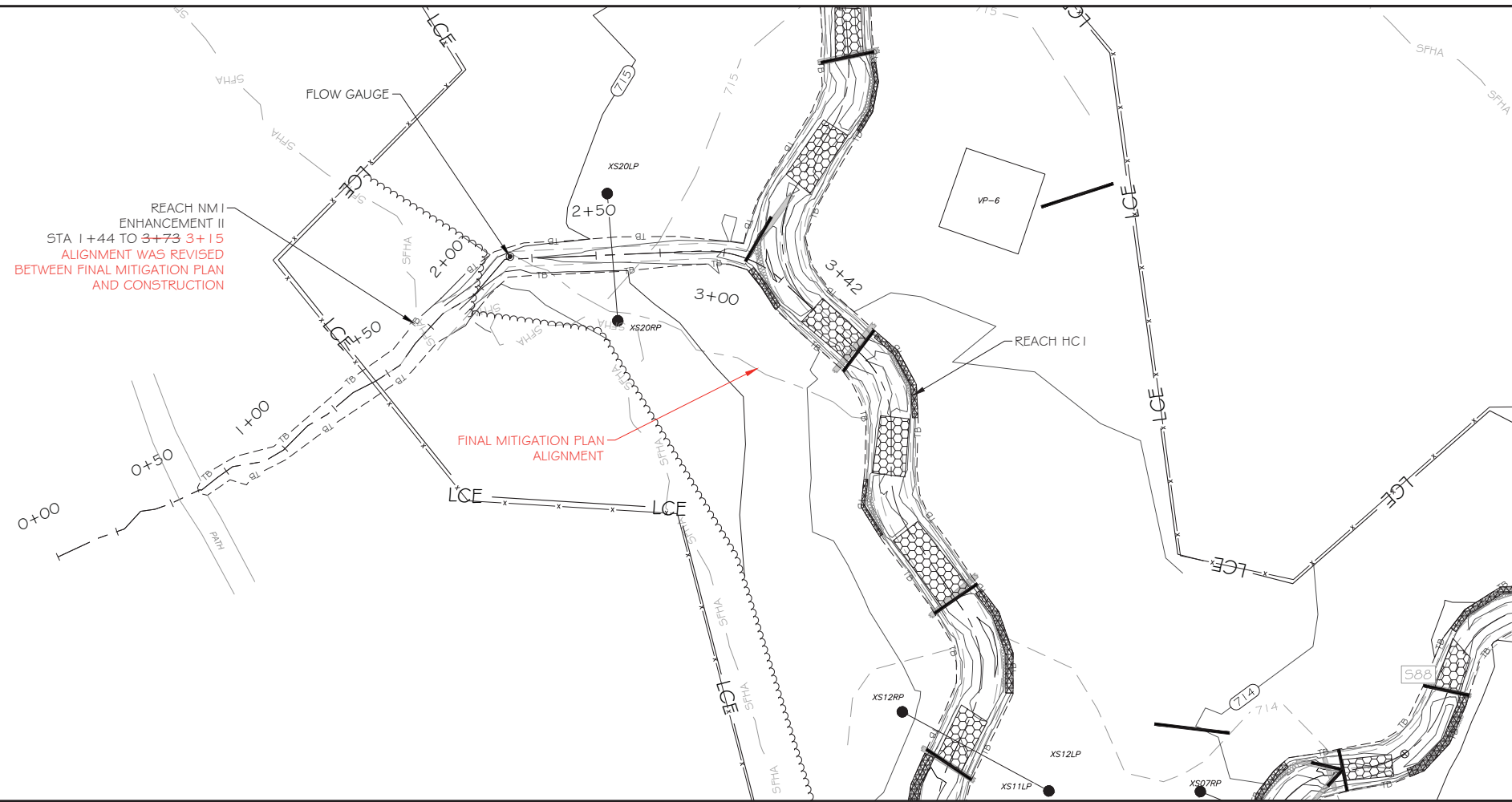
PROJECT NAME:
MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

DRAWING TITLE:
REACH HC1

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S13

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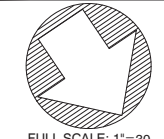
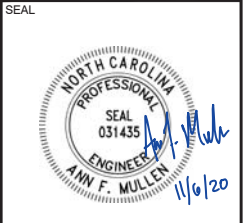
- EXISTING WETLAND
- EXISTING OVERHEAD ELECTRIC UTILITY LINE
- PROPERTY LINE
- PROPOSED CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED TOP OF BANK
- PROPOSED CHANNEL CENTERLINE
- AS-BUILT CONTOUR MAJOR
- AS-BUILT CONTOUR MINOR
- AS-BUILT TOP OF BANK
- AS-BUILT CHANNEL CENTERLINE
- BRUSH TOE PROTECTION
- LOG SILL
- LOG VANE
- LOG CROSS VANE
- ROCK CROSS VANE
- ROCK A-VANE
- STEP POOL
- RIFFLE GRADE CONTROL
- ENGINEERED SEDIMENT PACK
- AS-BUILT BRUSH TOE
- AS-BUILT LOG STRUCTURE
- AS-BUILT ROCK STRUCTURE
- AS-BUILT RIFFLE
- AS-BUILT ENGINEERED SEDIMENT PACK
- AS-BUILT CROSS-SECTION
- AS-BUILT FLOW GAUGE
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FULL SCALE: 1"=30'
0 30 60
2" = FULL SCALE
1" = HALF SCALE

PLOT DATE:
10/8/2020

REVISIONS:

RELEASED FOR:
RECORD DRAWINGS

PROJECT NAME:
MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

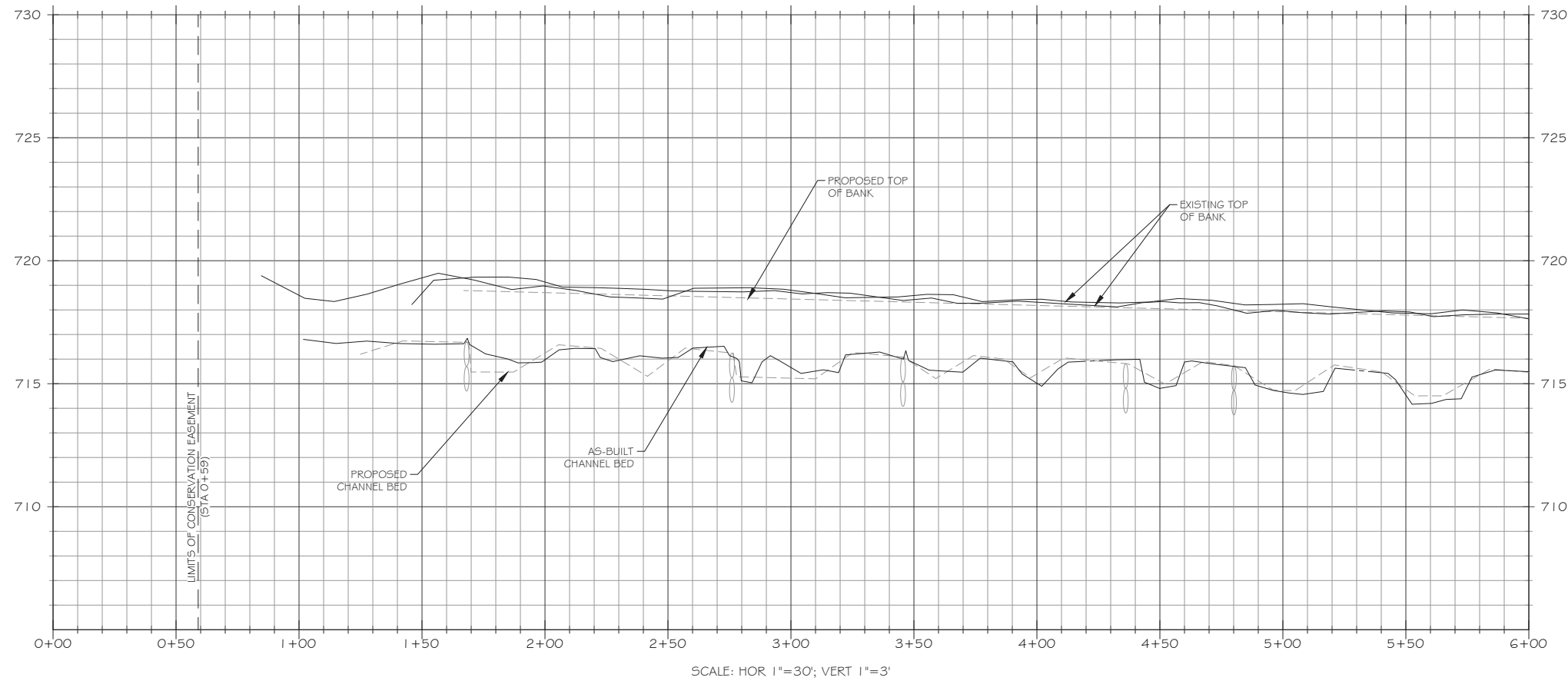
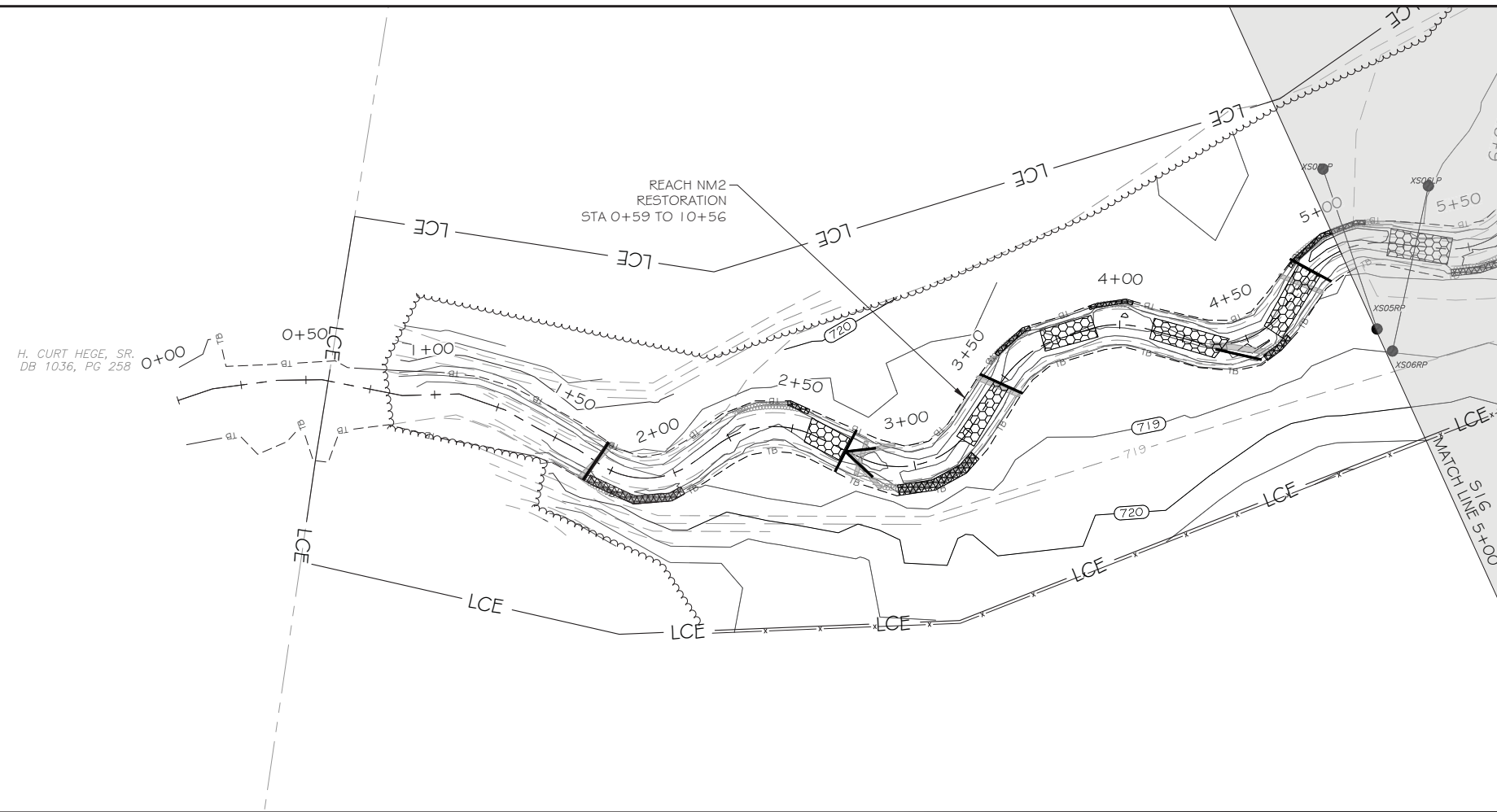
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PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:

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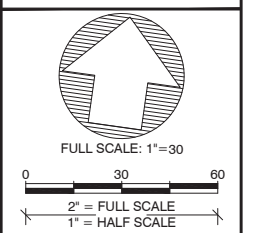
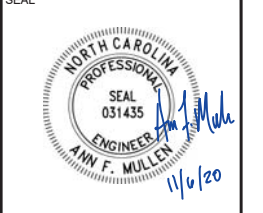
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| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
| AS-BUILT ROCK STRUCTURE | |
| AS-BUILT RIFFLE | |
| AS-BUILT ENGINEERED SEDIMENT PACK | |
| AS-BUILT CROSS-SECTION | |
| AS-BUILT FLOW GAUGE | |
| AS-BUILT STAGE RECORDER | |
| AS-BUILT VEGETATION MONITORING PLOT | |
| AS-BUILT FENCING | |
| AS-BUILT TREELINE | |
| LIMITS OF PROPOSED CONSERVATION EASEMENT | |

NOTE: ALL SIGNIFICANT CHANGES FROM THE DESIGN ARE SHOWN IN RED



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PLOT DATE:
10/8/2020

REVISIONS:

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RECORD DRAWINGS

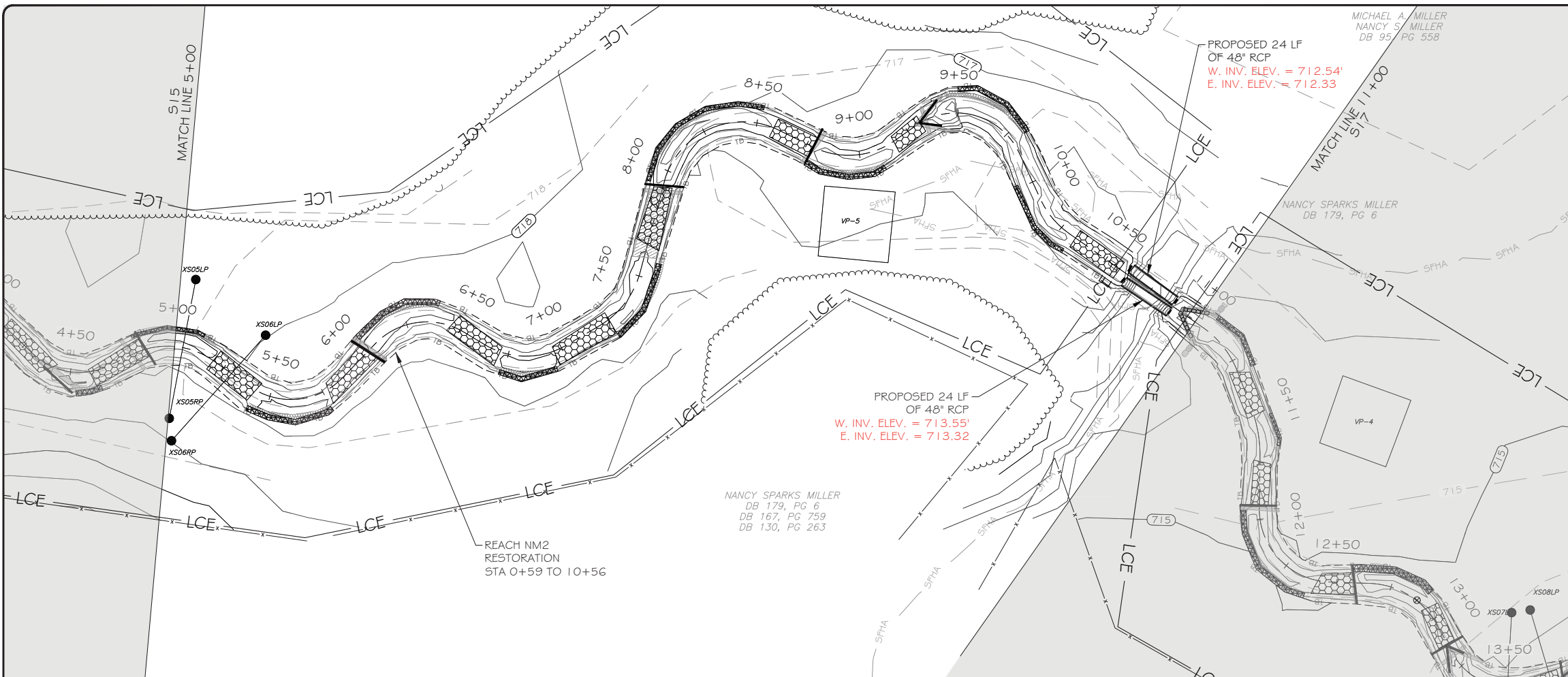
PROJECT NAME:
**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

DRAWING TITLE:
REACH NM2

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S15

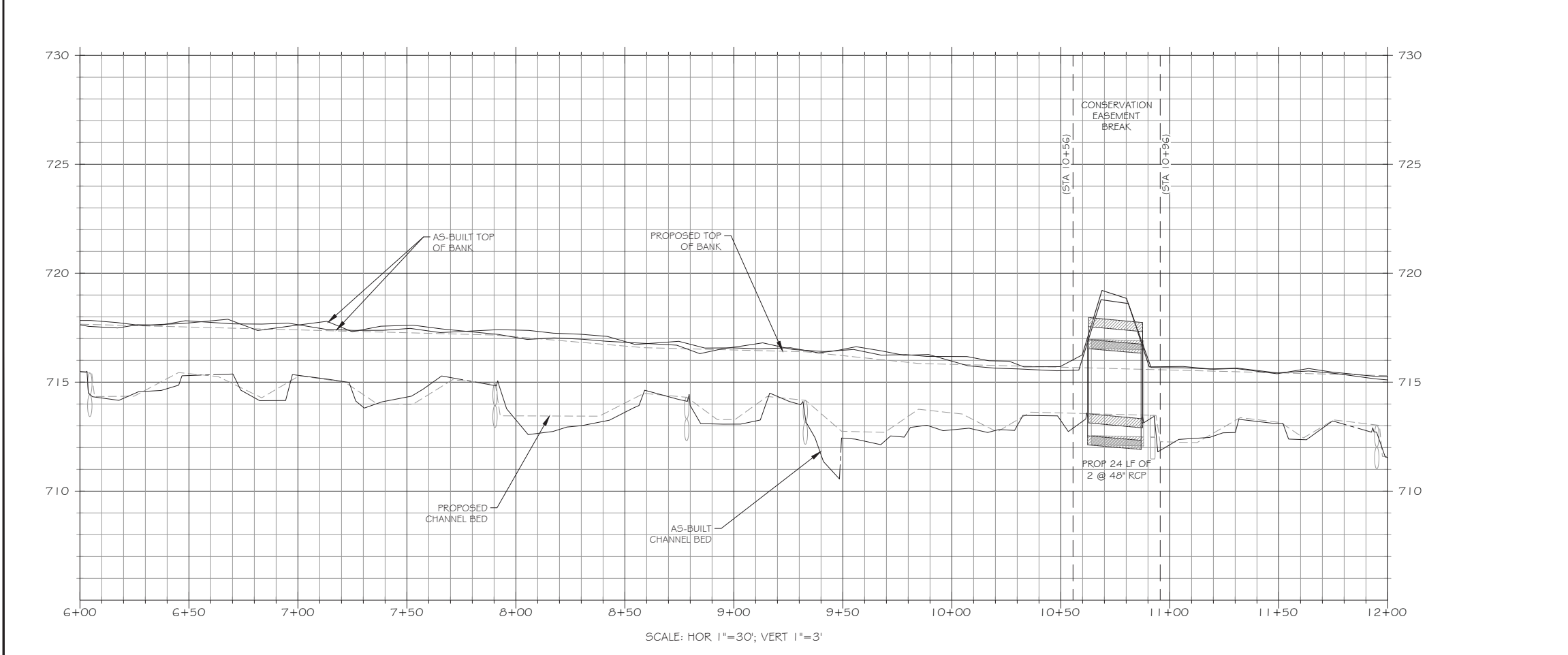
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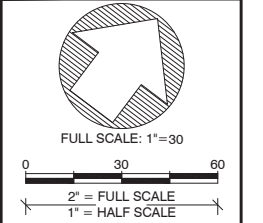
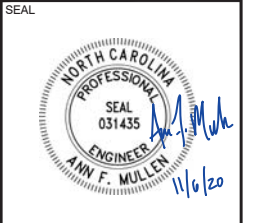
| | |
|--|--|
| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
| AS-BUILT ROCK STRUCTURE | |
| AS-BUILT RIFFLE | |
| AS-BUILT ENGINEERED SEDIMENT PACK | |
| AS-BUILT CROSS-SECTION | |
| AS-BUILT FLOW GAUGE | |
| AS-BUILT STAGE RECORDER | |
| AS-BUILT VEGETATION MONITORING PLOT | |
| AS-BUILT FENCING | |
| AS-BUILT TREELINE | |
| LIMITS OF PROPOSED CONSERVATION EASEMENT | |

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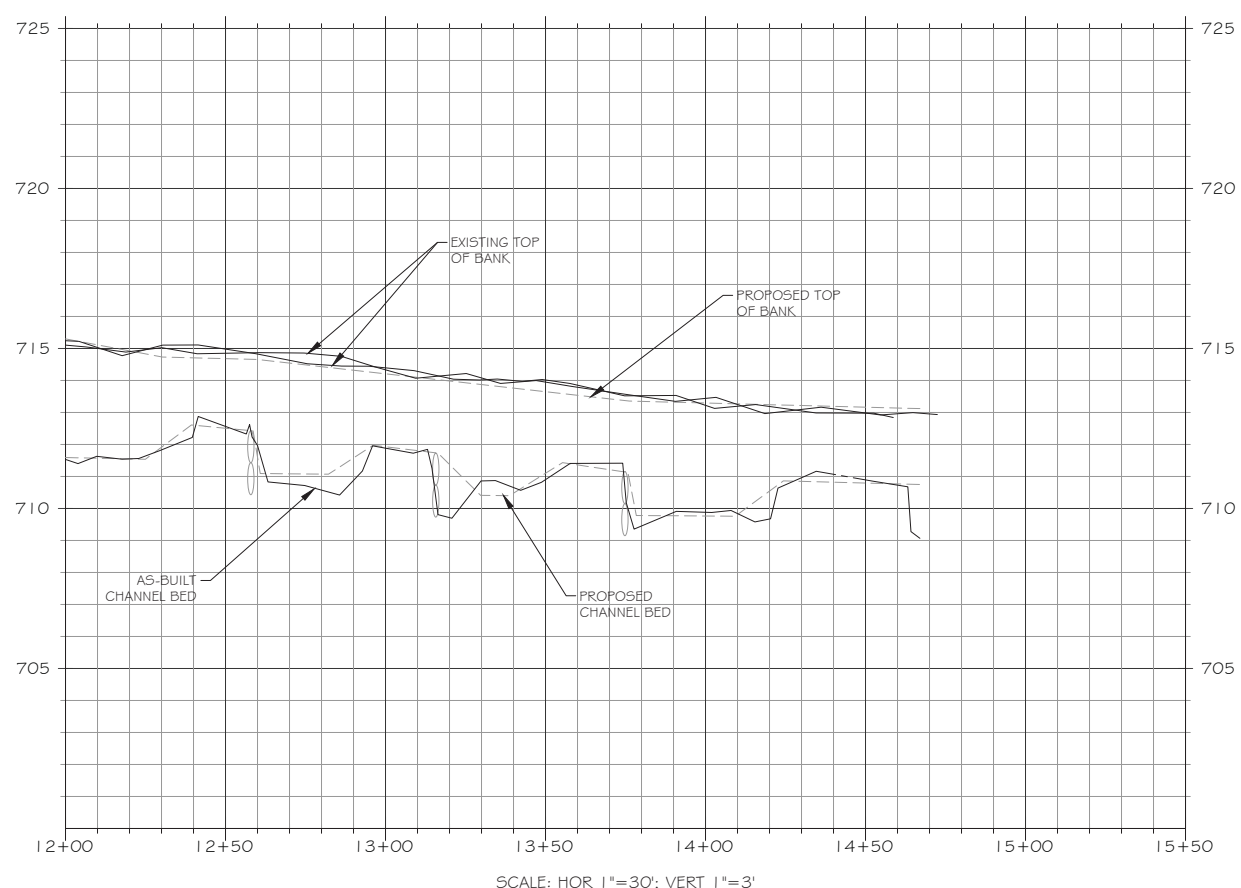
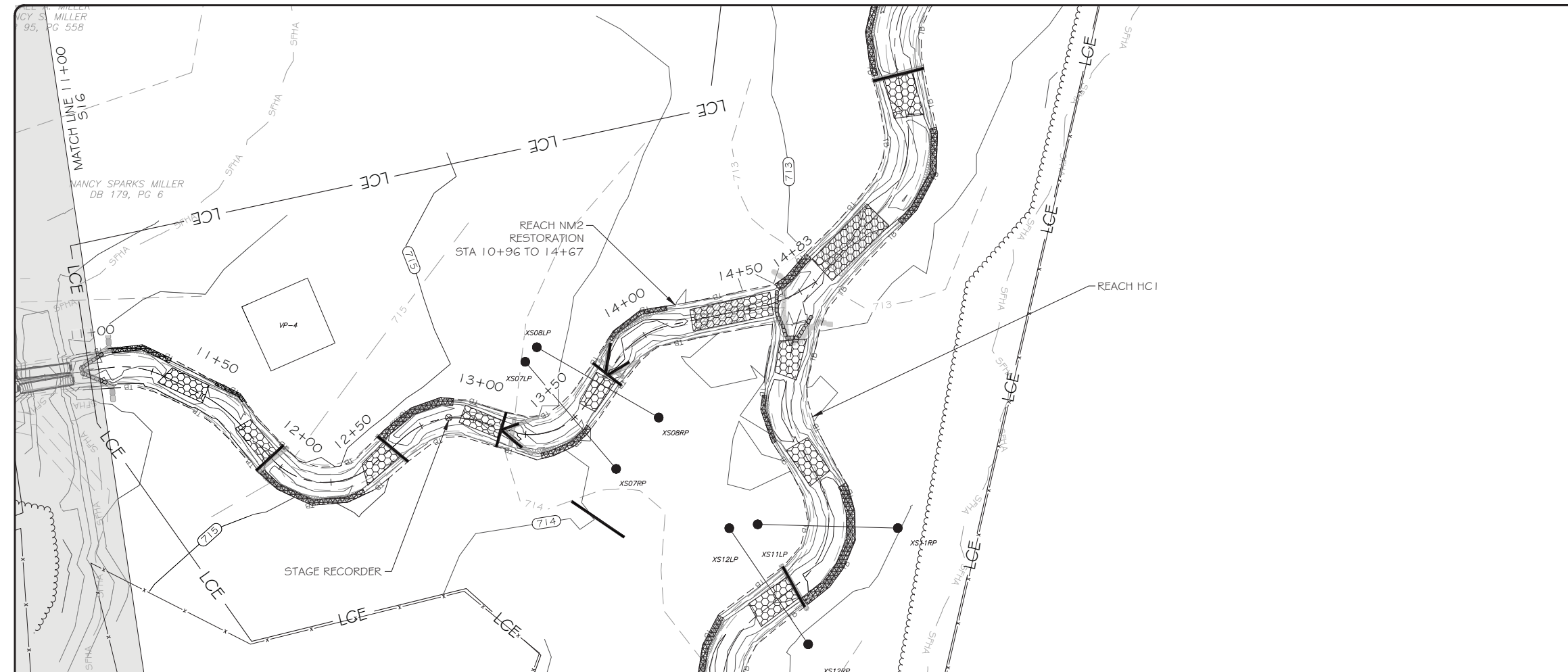
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RECORD DRAWINGS

PROJECT NAME:
**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

DRAWING TITLE:
REACH NM2

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S16



LEGEND

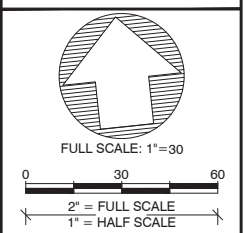
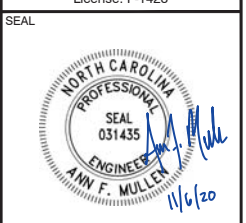
| | |
|--|--|
| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
| STEP POOL | |
| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
| AS-BUILT BRUSH TOE | |
| AS-BUILT LOG STRUCTURE | |
| AS-BUILT ROCK STRUCTURE | |
| AS-BUILT RIFFLE | |
| AS-BUILT ENGINEERED SEDIMENT PACK | |
| AS-BUILT CROSS-SECTION | |
| AS-BUILT FLOW GAUGE | |
| AS-BUILT STAGE RECORDER | |
| AS-BUILT VEGETATION MONITORING PLOT | |
| AS-BUILT FENCING | |
| AS-BUILT TREELINE | |
| LIMITS OF PROPOSED CONSERVATION EASEMENT | |

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10/8/2020

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RELEASED FOR:
RECORD DRAWINGS

PROJECT NAME:
MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

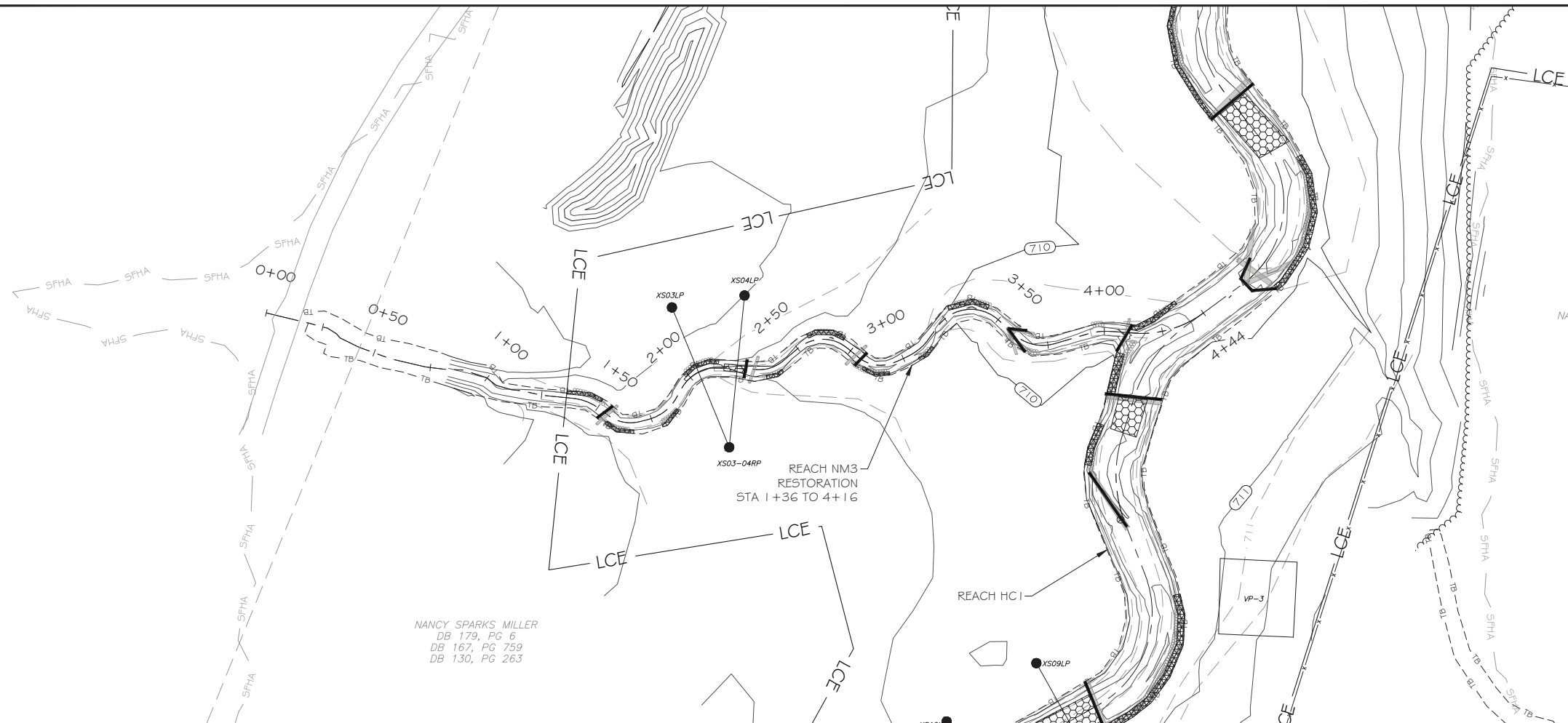
DRAWING TITLE:
REACH NM2

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S17

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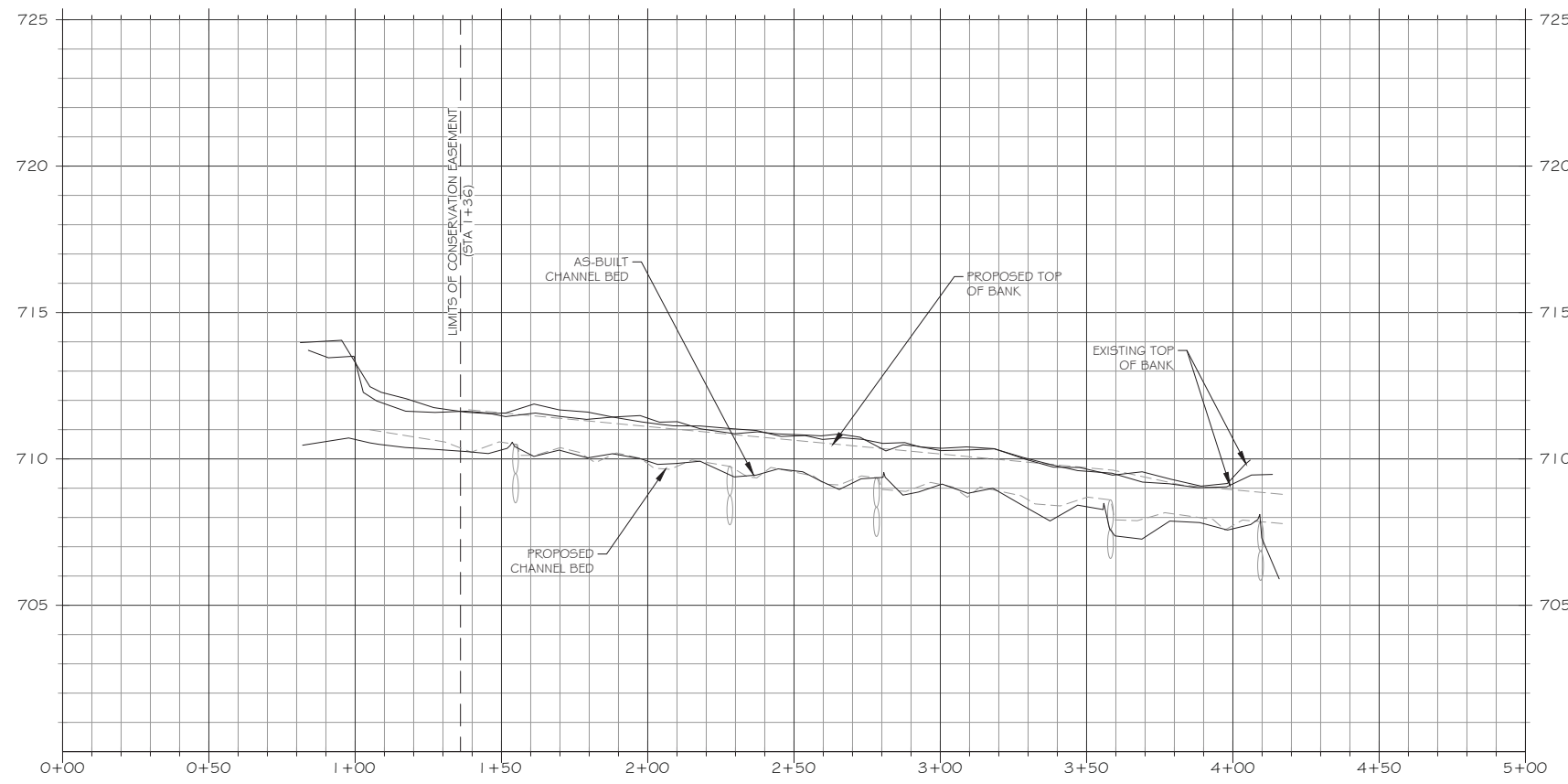


NANCY SPARKS MILLER
DB 179, PG 6
DB 167, PG 759
DB 130, PG 263

LEGEND

- EXISTING WETLAND
- EXISTING OVERHEAD ELECTRIC UTILITY LINE
- PROPERTY LINE
- PROPOSED CONTOUR MAJOR
- PROPOSED CONTOUR MINOR
- PROPOSED TOP OF BANK
- PROPOSED CHANNEL CENTERLINE
- AS-BUILT CONTOUR MAJOR
- AS-BUILT CONTOUR MINOR
- AS-BUILT TOP OF BANK
- AS-BUILT CHANNEL CENTERLINE
- BRUSH TOE PROTECTION
- LOG SILL
- LOG VANE
- LOG CROSS VANE
- ROCK CROSS VANE
- ROCK A-VANE
- STEP POOL
- RIFFLE GRADE CONTROL
- ENGINEERED SEDIMENT PACK
- AS-BUILT BRUSH TOE
- AS-BUILT LOG STRUCTURE
- AS-BUILT ROCK STRUCTURE
- AS-BUILT RIFFLE
- AS-BUILT ENGINEERED SEDIMENT PACK
- AS-BUILT CROSS-SECTION
- AS-BUILT FLOW GAUGE
- AS-BUILT STAGE RECORDER
- AS-BUILT VEGETATION MONITORING PLOT
- AS-BUILT FENCING
- AS-BUILT TREELINE
- LIMITS OF PROPOSED CONSERVATION EASEMENT

NOTE: ALL SIGNIFICANT CHANGES FROM THE DESIGN ARE SHOWN IN RED

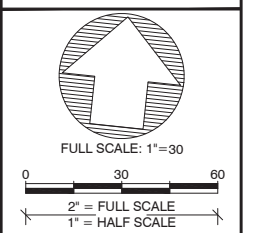
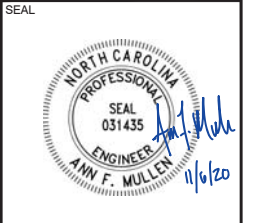


SCALE: HOR 1"=30'; VERT 1"=3'



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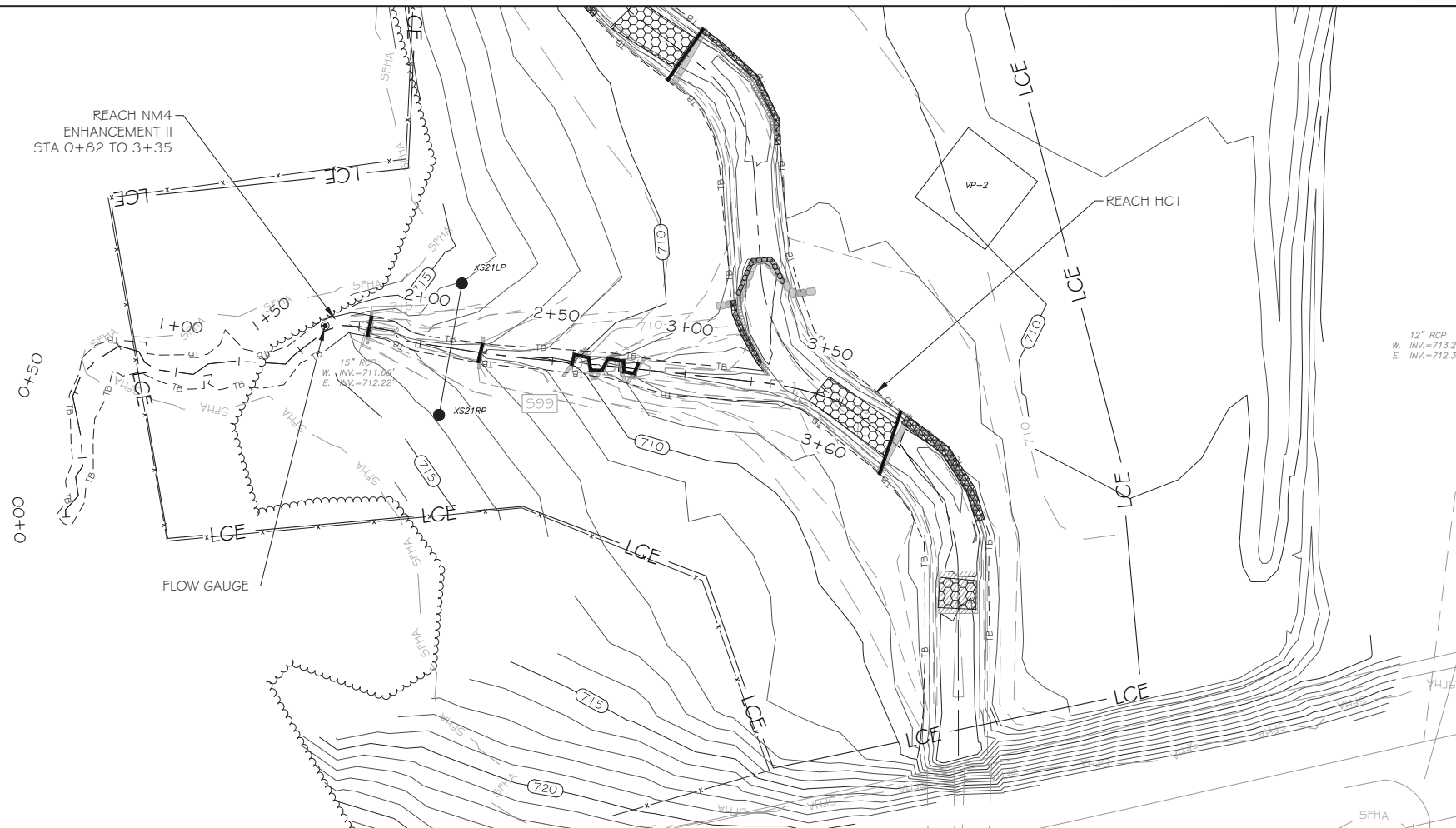
PROJECT NAME:
**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

DRAWING TITLE:
REACH NM3

PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S18

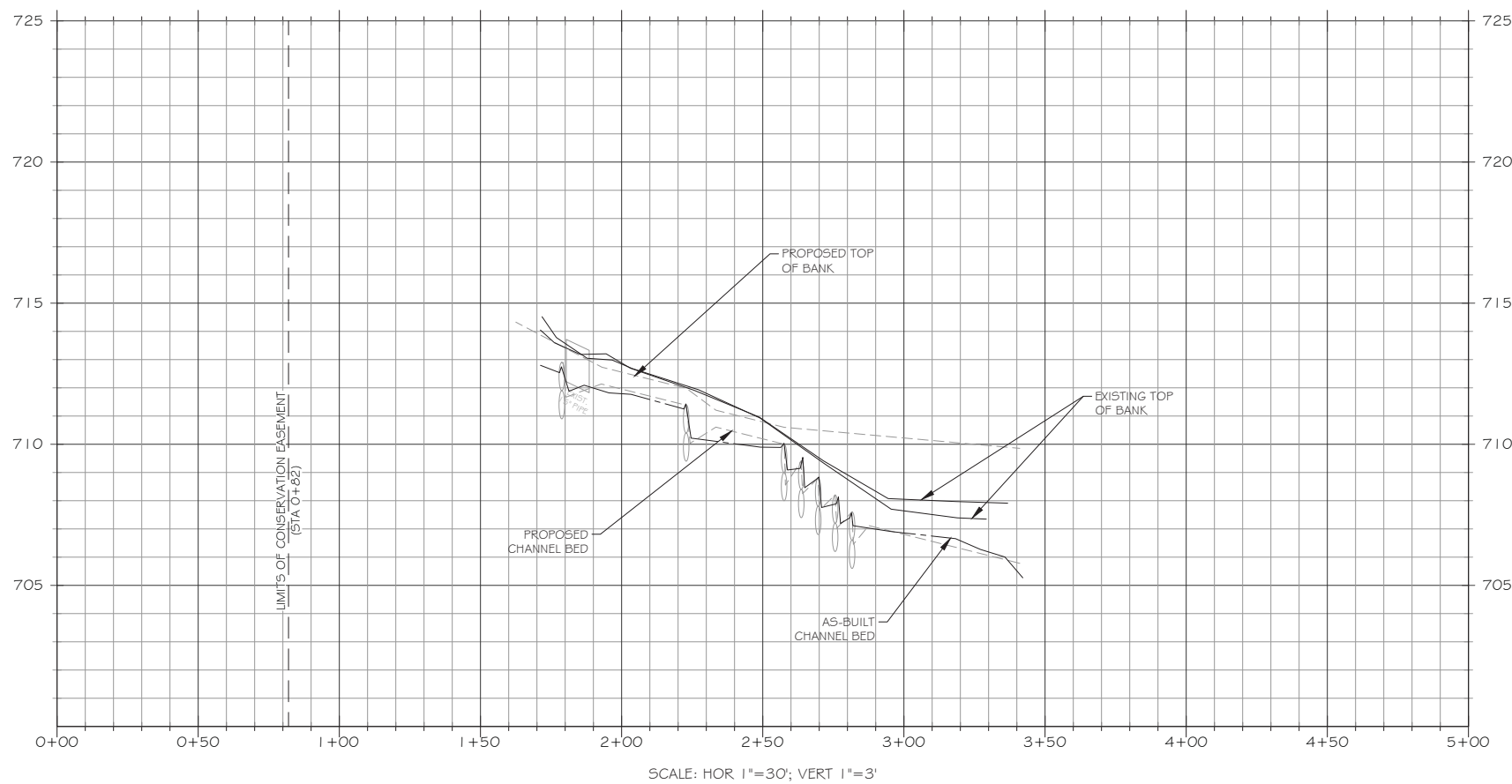
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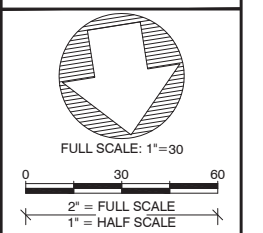
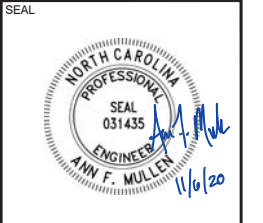
LEGEND

| | |
|--|--|
| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
| BRUSH TOE PROTECTION | |
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| ROCK CROSS VANE | |
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| LIMITS OF PROPOSED CONSERVATION EASEMENT | |

NOTE: ALL SIGNIFICANT CHANGES FROM THE DESIGN ARE SHOWN IN RED



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10/8/2020

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PROJECT NAME:
**MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA**

DRAWING TITLE:
REACH NM4

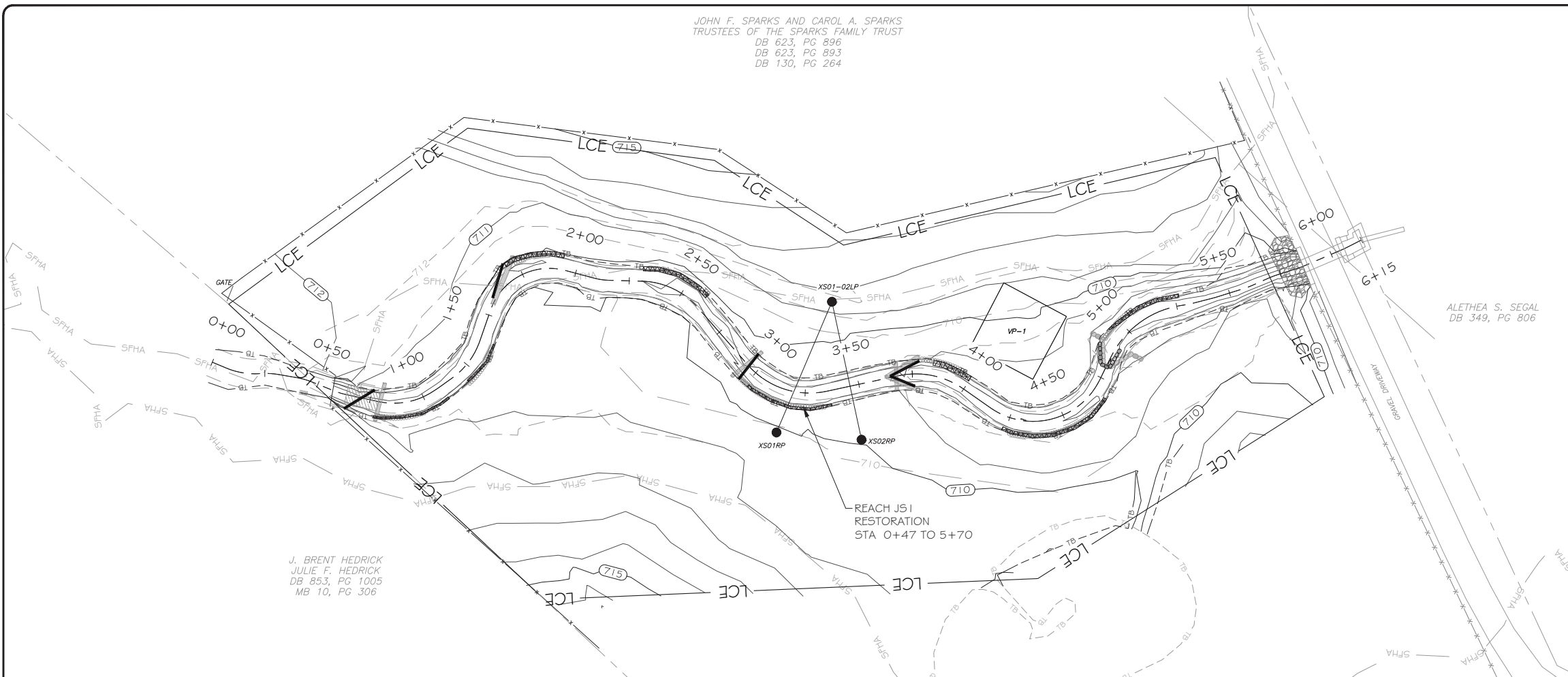
PROJECT NUMBER: 0312
PROJECT MANAGER: BPB
DESIGNED: AFM
DRAWN: SCF
CHECKED: AFM

SHEET NUMBER:
S19

JOHN F. SPARKS AND CAROL A. SPARKS
 TRUSTEES OF THE SPARKS' FAMILY TRUST
 DB 623, PG 896
 DB 623, PG 893
 DB 130, PG 264

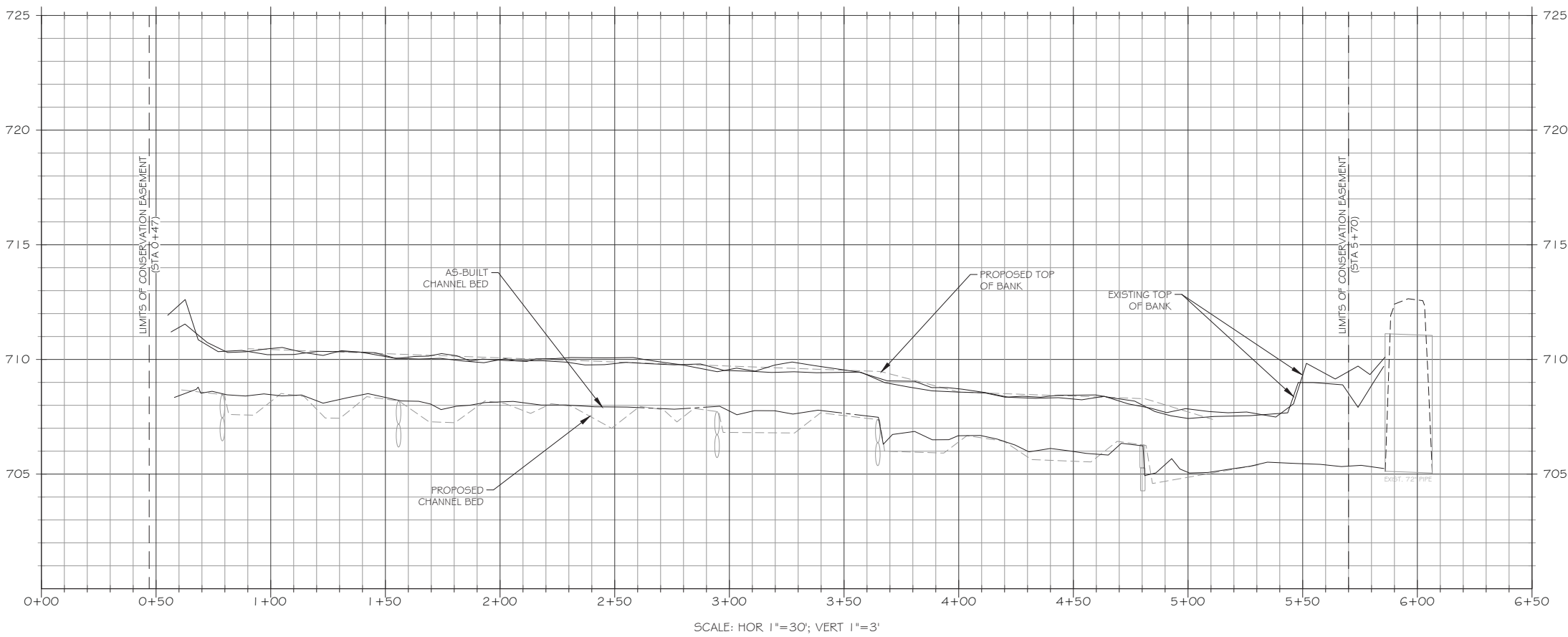
J. BRENT HEDRICK
 JULIE F. HEDRICK
 DB 853, PG 1005
 MB 10, PG 306

ALETHEA S. SEGAL
 DB 349, PG 806



| LEGEND | |
|--|--|
| EXISTING WETLAND | |
| EXISTING OVERHEAD ELECTRIC UTILITY LINE | |
| PROPERTY LINE | |
| PROPOSED CONTOUR MAJOR | |
| PROPOSED CONTOUR MINOR | |
| PROPOSED TOP OF BANK | |
| PROPOSED CHANNEL CENTERLINE | |
| AS-BUILT CONTOUR MAJOR | |
| AS-BUILT CONTOUR MINOR | |
| AS-BUILT TOP OF BANK | |
| AS-BUILT CHANNEL CENTERLINE | |
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| LOG SILL | |
| LOG VANE | |
| LOG CROSS VANE | |
| ROCK CROSS VANE | |
| ROCK A-VANE | |
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| RIFFLE GRADE CONTROL | |
| ENGINEERED SEDIMENT PACK | |
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| AS-BUILT LOG STRUCTURE | |
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| LIMITS OF PROPOSED CONSERVATION EASEMENT | |

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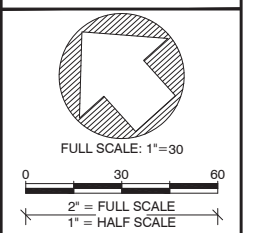
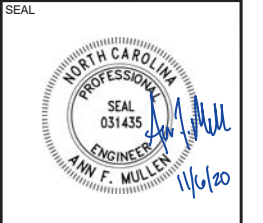


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10/8/2020

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RECORD DRAWINGS

PROJECT NAME:
MOCKINGBIRD RECORD DRAWINGS
DAVIE COUNTY, NORTH CAROLINA

DRAWING TITLE:
REACH JS1

PROJECT NUMBER: 0312
 PROJECT MANAGER: BPB
 DESIGNED: AFM
 DRAWN: SCF
 CHECKED: AFM

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S20

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