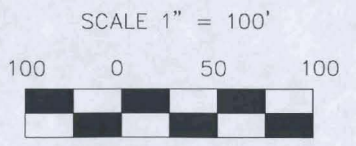




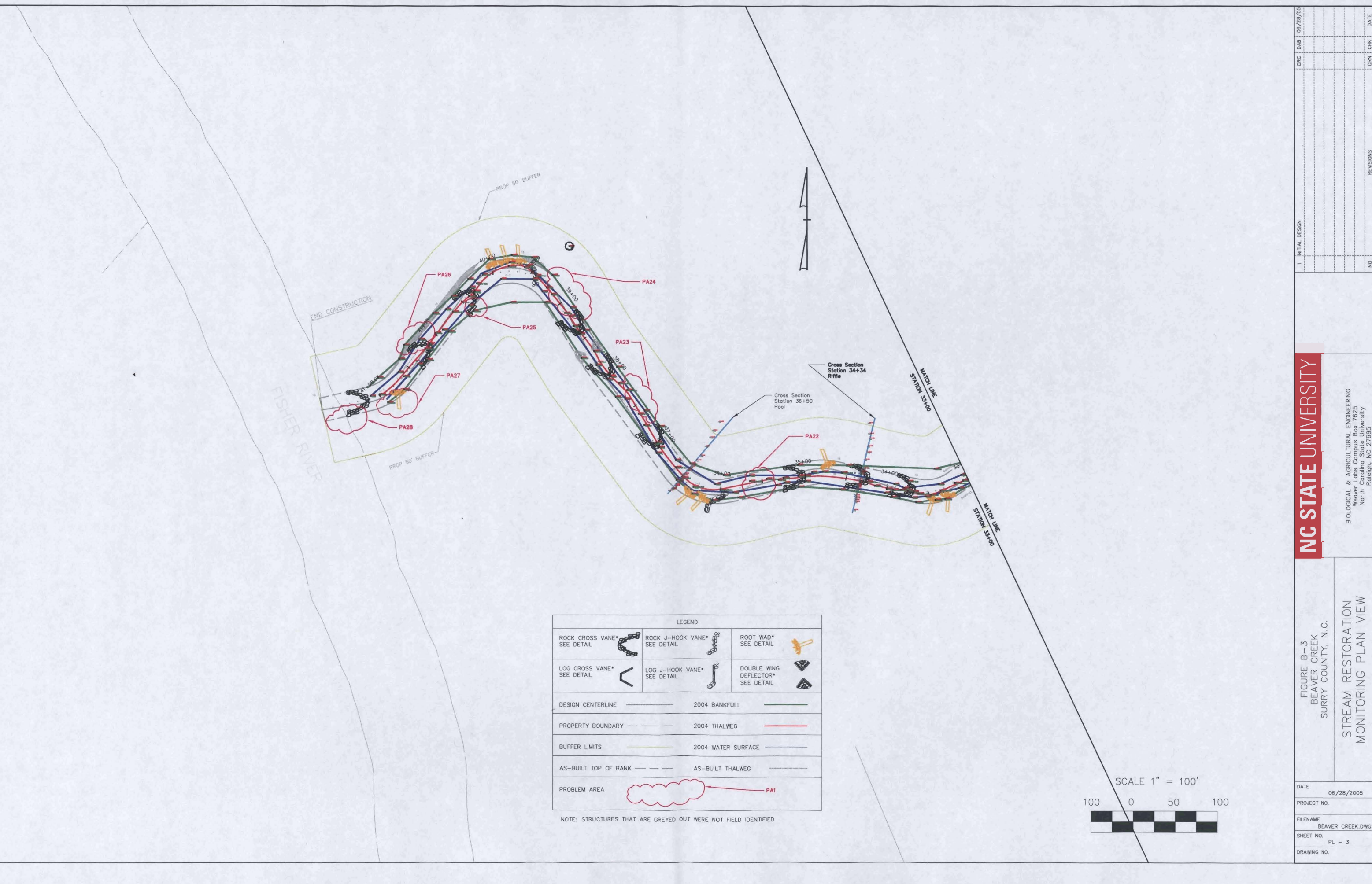
LEGEND

| | | |
|--------------------------------|---------------------------------|---|
| ROCK CROSS VANE* SEE DETAIL | ROCK J-HOOK VANE* SEE DETAIL | ROOT WAD* SEE DETAIL |
| LOG CROSS VANE* SEE DETAIL | LOG J-HOOK VANE* SEE DETAIL | DOUBLE WING DEFLECTOR* SEE DETAIL |
| DESIGN CENTERLINE | 2004 BANKFULL | |
| PROPERTY BOUNDARY | 2004 THALWEG | |
| BUFFER LIMITS | 2004 WATER SURFACE | |
| AS-BUILT TOP OF BANK | AS-BUILT THALWEG | |
| PROBLEM AREA | PA1 | |

NOTE: STRUCTURES THAT ARE GREYED OUT WERE NOT FIELD IDENTIFIED

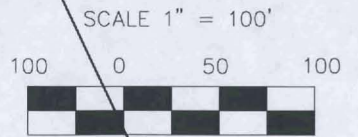


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----|----------------|------|----|----|----|----|----|-----|-----|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|--|--|-----|-----|------|--|--|--|
| <p>NC STATE UNIVERSITY</p> <p>BIOLOGICAL & AGRICULTURAL ENGINEERING Beaver Creek Station North Carolina State University Raleigh, NC 27695</p> | <p>FIGURE B-2 BEAVER CREEK SURRY COUNTY, N.C. STREAM RESTORATION MONITORING PLAN VIEW</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>DATE: 06/28/05</p> <p>PROJECT NO.:</p> <p>FILENAME: BEAVER CREEK.DWG</p> <p>SHEET NO. PL - 2</p> <p>DRAWING NO.:</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">1</td> <td style="width: 15%;">INITIAL DESIGN</td> <td style="width: 10%;">NO</td> <td style="width: 10%;">NO</td> <td style="width: 10%;">NO</td> <td style="width: 10%;">NO</td> <td style="width: 10%;">NO</td> <td style="width: 10%;">NO</td> </tr> <tr> <td>DRC</td> <td>DAB</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="8" style="text-align: right;">REVISIONS</td> </tr> <tr> <td></td> <td></td> <td>DRN</td> <td>CHK</td> <td>DATE</td> <td colspan="3"></td> </tr> </table> | 1 | INITIAL DESIGN | NO | NO | NO | NO | NO | NO | DRC | DAB | | | | | | | REVISIONS | | | | | | | | | | DRN | CHK | DATE | | | |
| 1 | INITIAL DESIGN | NO | NO | NO | NO | NO | NO | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRC | DAB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | DRN | CHK | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| LEGEND | | | |
|--------------------------------|--|---------------------------------|--|
| ROCK CROSS VANE* SEE DETAIL | | ROCK J-HOOK VANE* SEE DETAIL | |
| LOG CROSS VANE* SEE DETAIL | | LOG J-HOOK VANE* SEE DETAIL | |
| DESIGN CENTERLINE | | 2004 BANKFULL | |
| PROPERTY BOUNDARY | | 2004 THALWEG | |
| BUFFER LIMITS | | 2004 WATER SURFACE | |
| AS-BUILT TOP OF BANK | | AS-BUILT THALWEG | |
| PROBLEM AREA | | PA1 | |

NOTE: STRUCTURES THAT ARE GREYED OUT WERE NOT FIELD IDENTIFIED

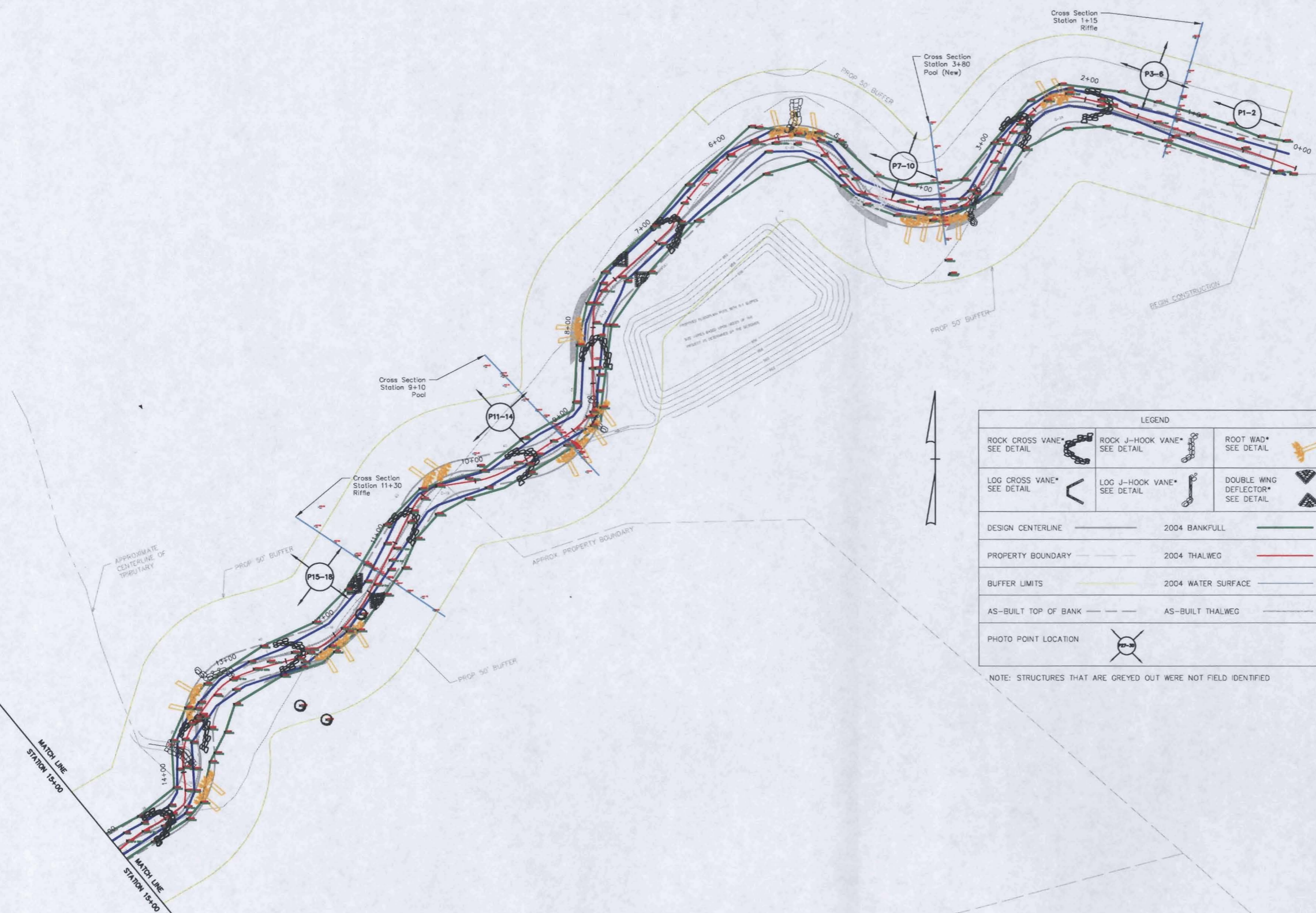


| NO. | REVISIONS | CHK. | DATE |
|-----|----------------|------|----------|
| 1 | INITIAL DESIGN | | 06/28/05 |

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 North Carolina State University
 Raleigh, NC 27695

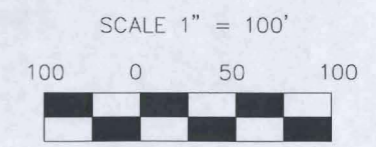
FIGURE B-3
 BEAVER CREEK
 SURRY COUNTY, N.C.
 STREAM RESTORATION
 MONITORING PLAN VIEW

| | |
|-------------|------------------|
| DATE | 06/28/2005 |
| PROJECT NO. | |
| FILENAME | BEAVER CREEK.DWG |
| SHEET NO. | PL - 3 |
| DRAWING NO. | |



| LEGEND | | |
|--------------------------------|--|---------------------------------|
| ROCK CROSS VANE* SEE DETAIL | | ROCK J-HOOK VANE* SEE DETAIL |
| LOG CROSS VANE* SEE DETAIL | | LOG J-HOOK VANE* SEE DETAIL |
| DESIGN CENTERLINE | | 2004 BANKFULL |
| PROPERTY BOUNDARY | | 2004 THALWEG |
| BUFFER LIMITS | | 2004 WATER SURFACE |
| AS-BUILT TOP OF BANK | | AS-BUILT THALWEG |
| PHOTO POINT LOCATION | | |

NOTE: STRUCTURES THAT ARE GREYED OUT WERE NOT FIELD IDENTIFIED



| NO. | REVISIONS | DRN | CHK | DATE |
|-----|----------------|-----|-----|----------|
| 1 | INITIAL DESIGN | | | 06/28/05 |

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FIGURE 3A
 BEAVER CREEK
 SURRY COUNTY, N.C.

STREAM RESTORATION
 MONITORING PLAN VIEW

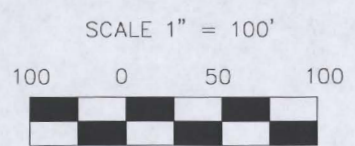
| | |
|-------------|------------------|
| DATE | 06/28/05 |
| PROJECT NO. | |
| FILENAME | BEAVER CREEK.DWG |
| SHEET NO. | PL - 1 |
| DRAWING NO. | |



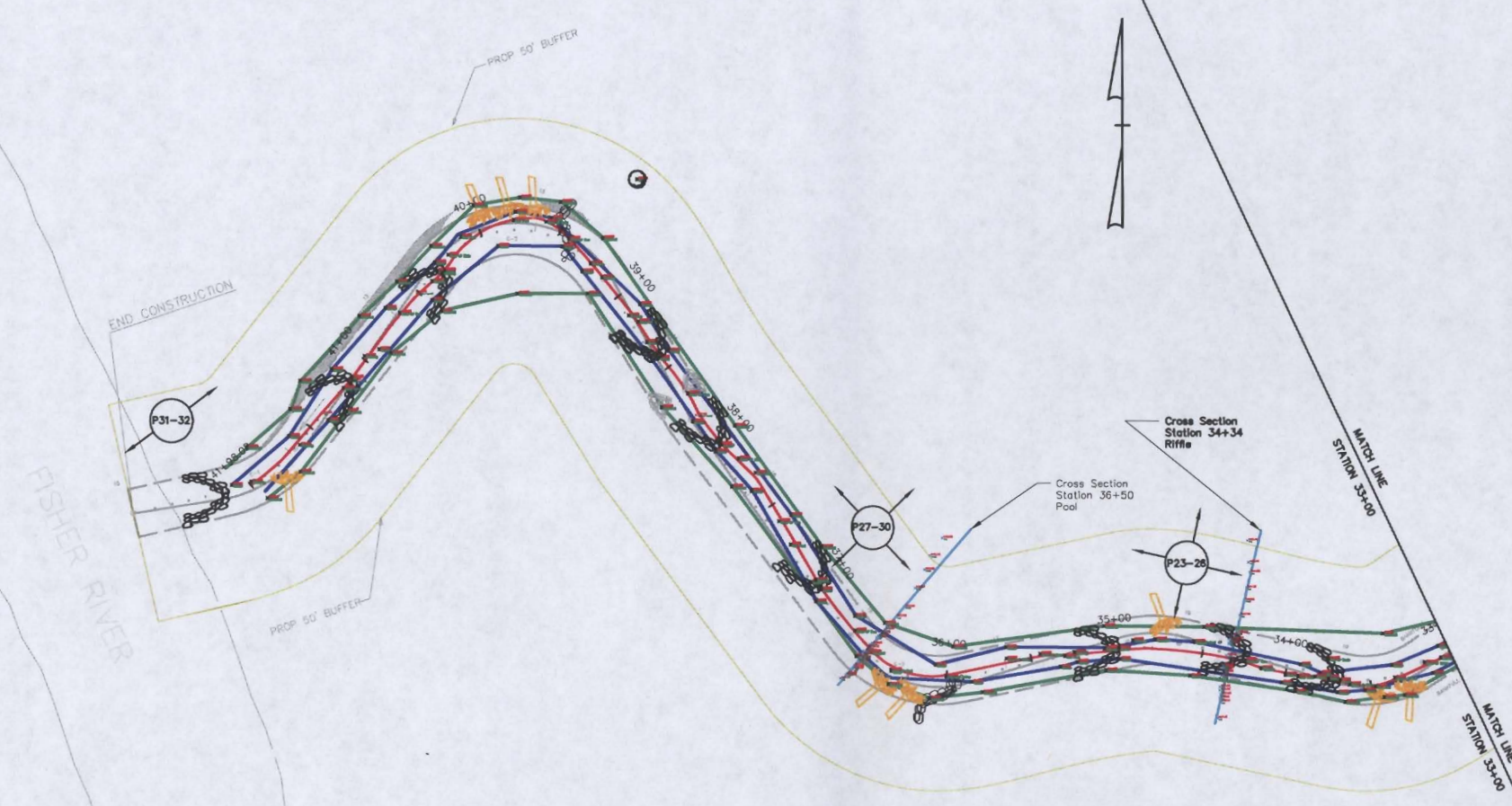
Cross Section Station 24+50 Pool

| LEGEND | | |
|--------------------------------|--|---------------------------------|
| ROCK CROSS VANE* SEE DETAIL | | ROCK J-HOOK VANE* SEE DETAIL |
| LOG CROSS VANE* SEE DETAIL | | LOG J-HOOK VANE* SEE DETAIL |
| DESIGN CENTERLINE | | 2004 BANKFULL |
| PROPERTY BOUNDARY | | 2004 THALWEG |
| BUFFER LIMITS | | 2004 WATER SURFACE |
| AS-BUILT TOP OF BANK | | AS-BUILT THALWEG |
| PHOTO POINT LOCATION | | |

NOTE: STRUCTURES THAT ARE GREYED OUT WERE NOT FIELD IDENTIFIED

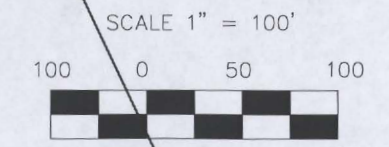


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|--|---|---------------------------|
| NC STATE UNIVERSITY BIOLOGICAL & AGRICULTURAL ENGINEERING Weaver Labs Campus Box 7625 North Carolina State University Raleigh, NC 27695 | 1 INITIAL DESIGN NO | DRG DAB 06/28/05 DATE |
| | FIGURE 3B BEAVER CREEK SURRY COUNTY, N.C. STREAM RESTORATION MONITORING PLAN VIEW | REVISIONS DRW CHK DATE |
| DATE 06/28/05 PROJECT NO. FILENAME BEAVER CREEK.DWG SHEET NO. PL - 2 DRAWING NO. | | |



| LEGEND | | | |
|--------------------------------|--|--------------------------------------|--|
| ROCK CROSS VANE* SEE DETAIL | | ROCK J-HOOK VANE* SEE DETAIL | |
| LOG CROSS VANE* SEE DETAIL | | LOG J-HOOK VANE* SEE DETAIL | |
| | | ROOT WAD* SEE DETAIL | |
| | | DOUBLE WING DEFLECTOR* SEE DETAIL | |
| DESIGN CENTERLINE | | 2004 BANKFULL | |
| PROPERTY BOUNDARY | | 2004 THALWEG | |
| BUFFER LIMITS | | 2004 WATER SURFACE | |
| AS-BUILT TOP OF BANK | | AS-BUILT THALWEG | |
| PHOTO POINT LOCATION | | | |

NOTE: STRUCTURES THAT ARE GREYED OUT WERE NOT FIELD IDENTIFIED



| | | |
|--|--|-----------------|
| NC STATE UNIVERSITY BIOLOGICAL & AGRICULTURAL ENGINEERING Weaver Labs Campus Box 7625 North Carolina State University Raleigh, NC 27695 | DATE 06/28/2005 PROJECT NO. FILENAME BEAVER CREEK.DWG SHEET NO. PL - 3 DRAWING NO. | |
| | FIGURE 3C BEAVER CREEK SURRY COUNTY, N.C. STREAM RESTORATION MONITORING PLAN VIEW | |
| 1 INITIAL DESIGN NO | DRC DAB 06/28/05 DRK CHK DATE | REVISIONS NO |