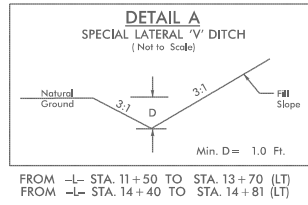


WETLAND & STREAM IMPACTS

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343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

| | |
|---|-----------------------|
| PROJECT REFERENCE NO. 17BP.2.R.34 | SHEET NO. 4 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION | |
| PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |



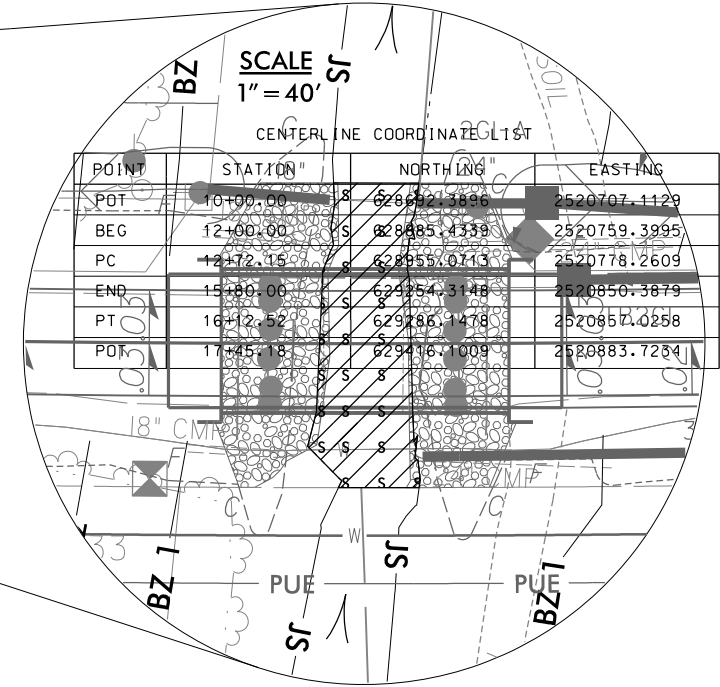
W2
PERMANENT WETLAND IMPACTS = 0 Ac/0 SF
TEMPORARY WETLAND IMPACTS = 0 Ac/0 SF
PERMANENT STREAM IMPACTS = 0 LF
TEMPORARY STREAM IMPACTS = 0 LF

W1
PERMANENT WETLAND IMPACTS = 0 Ac/0 SF
TEMPORARY WETLAND IMPACTS = 0 Ac/0 SF
PERMANENT STREAM IMPACTS = 34 LF
TEMPORARY STREAM IMPACTS = 0 LF

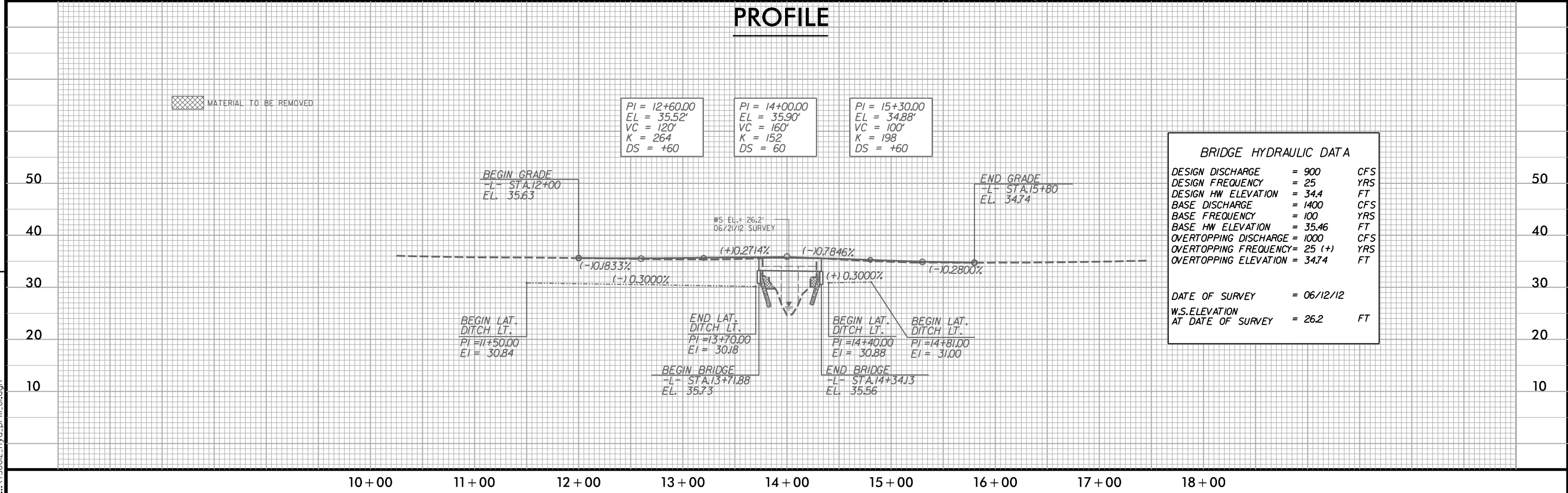
W3
PERMANENT WETLAND IMPACTS = 0 Ac/0 SF
TEMPORARY WETLAND IMPACTS = 0 Ac/0 SF
PERMANENT STREAM IMPACTS = 0 LF
TEMPORARY STREAM IMPACTS = 0 LF

W4
PERMANENT WETLAND IMPACTS = 0 Ac/0 SF
TEMPORARY WETLAND IMPACTS = 0 Ac/0 SF
PERMANENT STREAM IMPACTS = 30 LF
TEMPORARY STREAM IMPACTS = 0 LF

LEGEND
 DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PROFILE



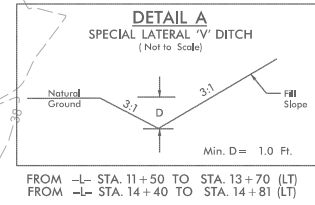
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WETLAND & STREAM IMPACTS

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| PROJECT REFERENCE NO. 17BP.2.R.34 | SHEET NO. 4 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |



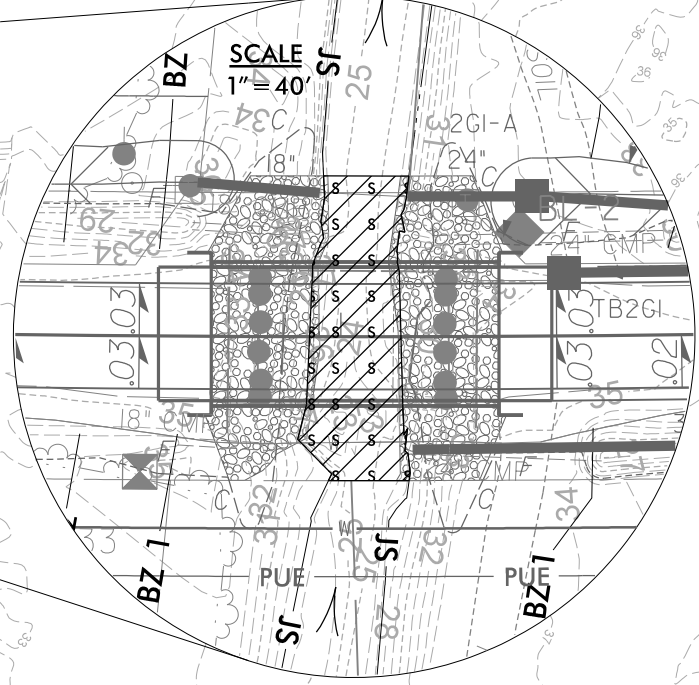
W2
 PERMANENT WETLAND IMPACTS = 0 Ac/0 SF
 TEMPORARY WETLAND IMPACTS = 0 Ac/0 SF
 PERMANENT STREAM IMPACTS = 0 LF
 TEMPORARY STREAM IMPACTS = 0 LF

W1
 PERMANENT WETLAND IMPACTS = 0 Ac/0 SF
 TEMPORARY WETLAND IMPACTS = 0 Ac/0 SF
 PERMANENT STREAM IMPACTS = 34 LF
 TEMPORARY STREAM IMPACTS = 0 LF

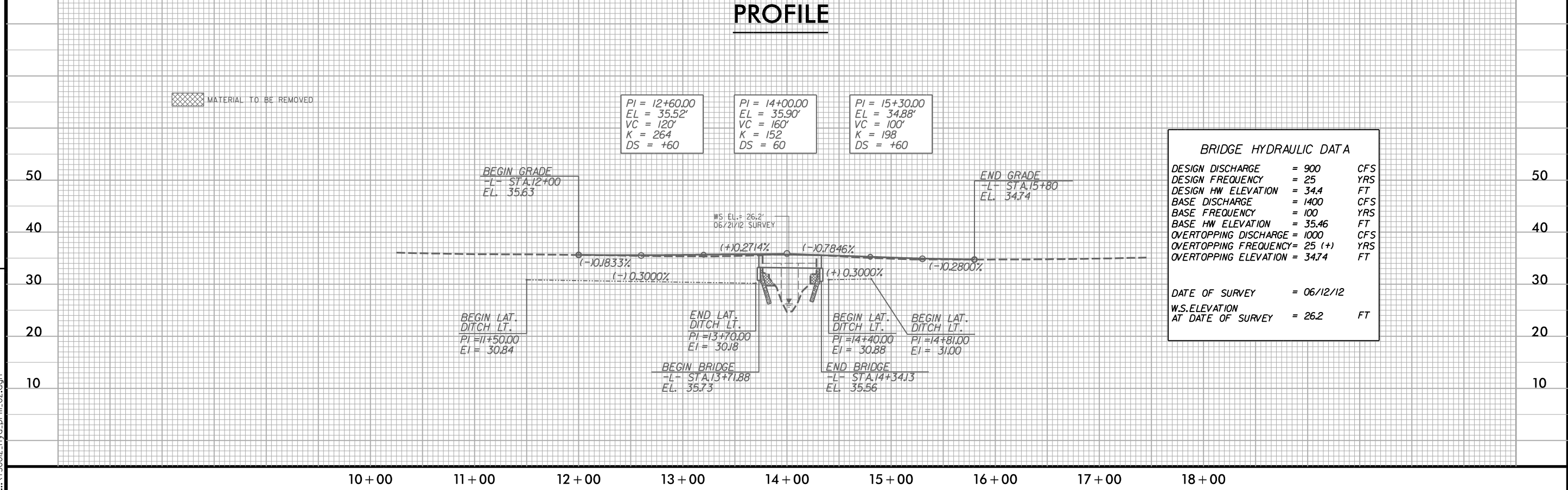
W3
 PERMANENT WETLAND IMPACTS = 0 Ac/0 SF
 TEMPORARY WETLAND IMPACTS = 0 Ac/0 SF
 PERMANENT STREAM IMPACTS = 0 LF
 TEMPORARY STREAM IMPACTS = 0 LF

W4
 PERMANENT WETLAND IMPACTS = 0 Ac/0 SF
 TEMPORARY WETLAND IMPACTS = 0 Ac/0 SF
 PERMANENT STREAM IMPACTS = 30 LF
 TEMPORARY STREAM IMPACTS = 0 LF

LEGEND
 DENOTES IMPACTS IN SURFACE WATER
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



PROFILE



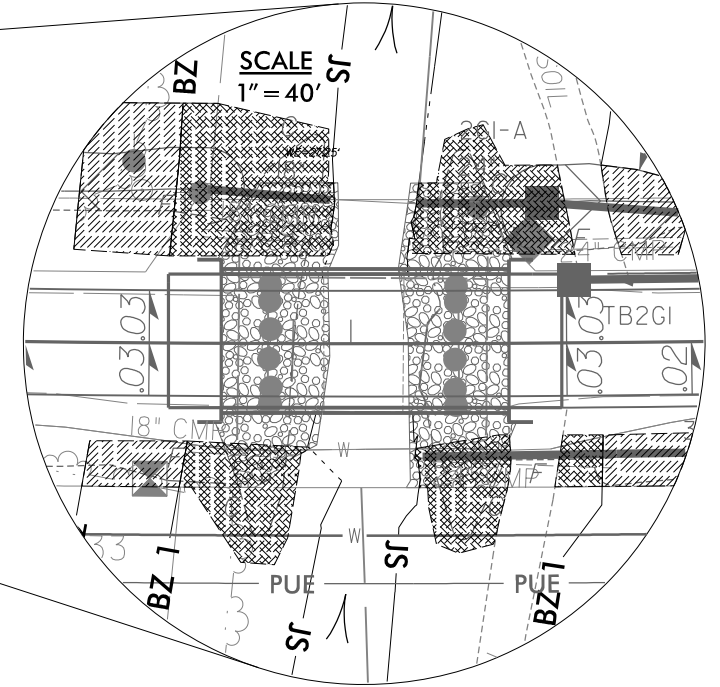
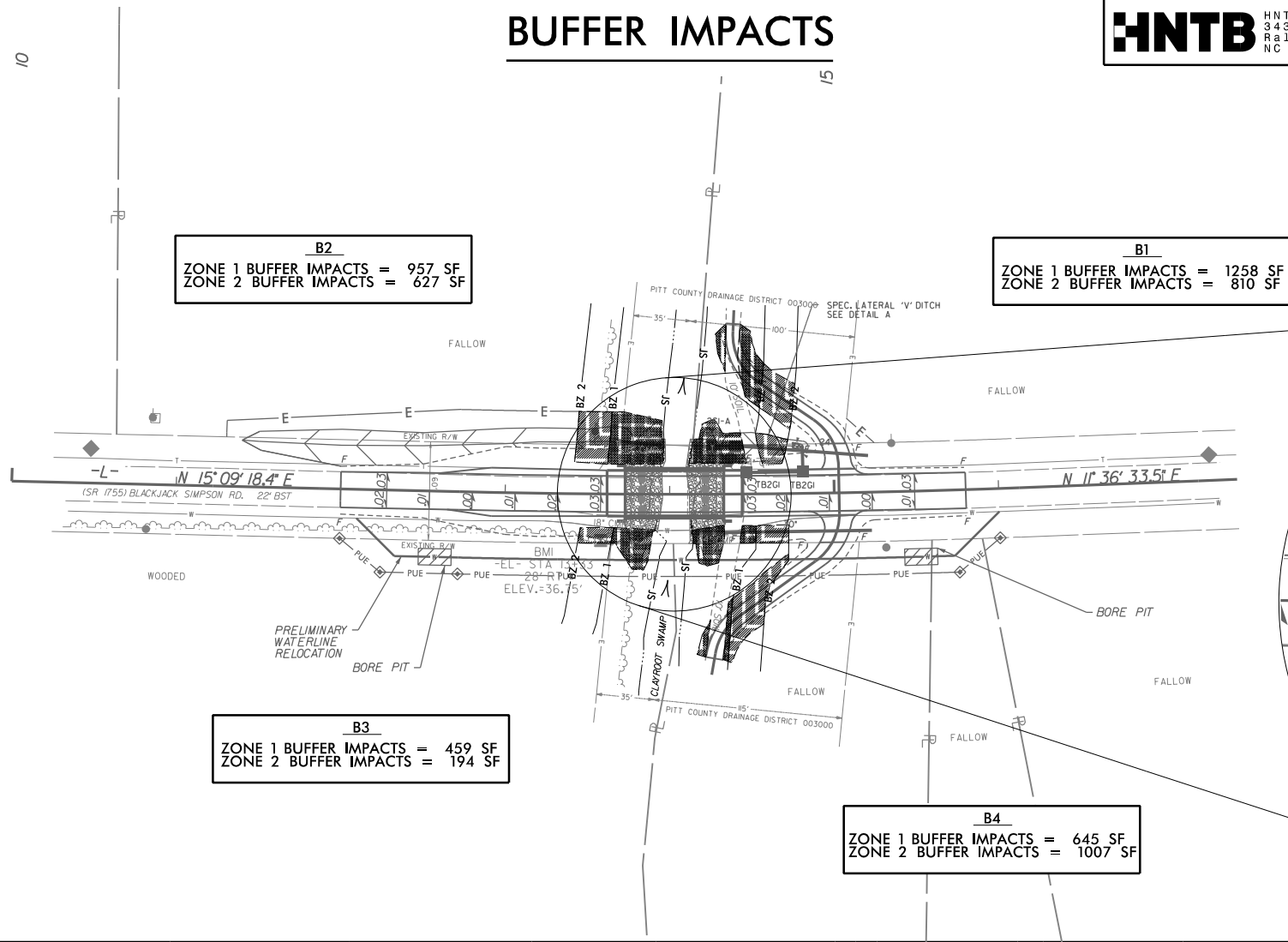
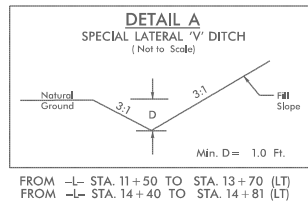
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BUFFER IMPACTS

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|--|---------------------|
| PROJECT REFERENCE NO. | SHEET NO. |
| 17BP.2.R.34 | 4 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |



B2
ZONE 1 BUFFER IMPACTS = 957 SF
ZONE 2 BUFFER IMPACTS = 627 SF

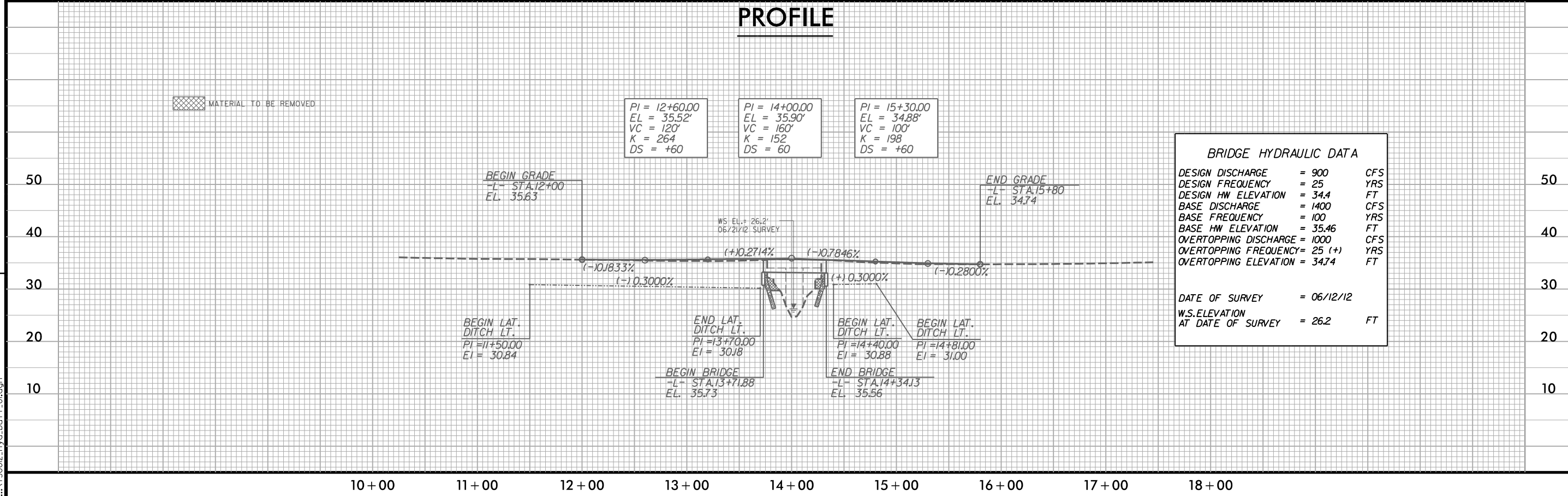
B1
ZONE 1 BUFFER IMPACTS = 1258 SF
ZONE 2 BUFFER IMPACTS = 810 SF

B3
ZONE 1 BUFFER IMPACTS = 459 SF
ZONE 2 BUFFER IMPACTS = 194 SF

B4
ZONE 1 BUFFER IMPACTS = 645 SF
ZONE 2 BUFFER IMPACTS = 1007 SF

LEGEND
 ALLOWABLE IMPACTS ZONE 1
 ALLOWABLE IMPACTS ZONE 2

PROFILE



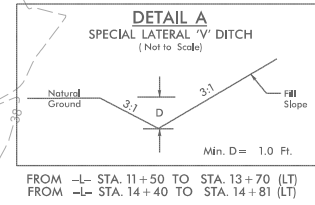
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BUFFER IMPACTS

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| PROJECT REFERENCE NO. 17BP.2.R.34 | SHEET NO. 4 |
| RW SHEET NO. | |
| ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER |
| INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION | |

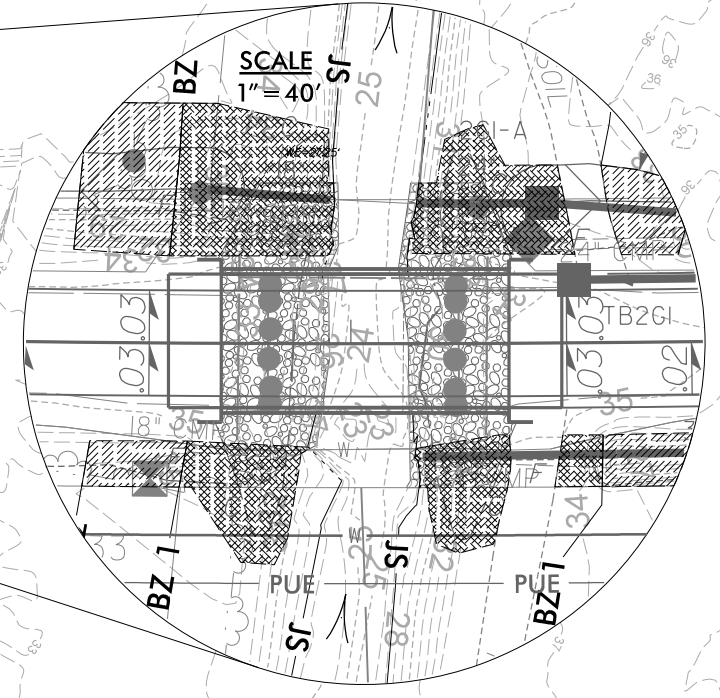
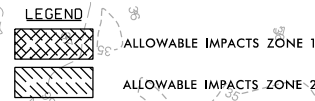


B2
ZONE 1 BUFFER IMPACTS = 957 SF
ZONE 2 BUFFER IMPACTS = 627 SF

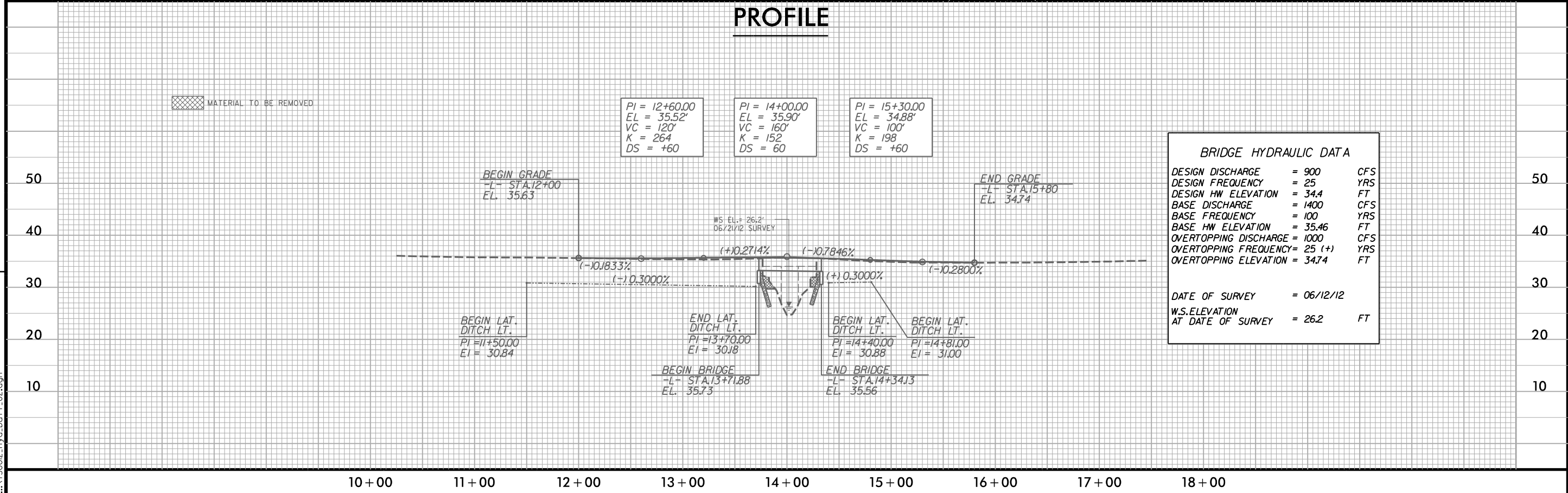
B1
ZONE 1 BUFFER IMPACTS = 1258 SF
ZONE 2 BUFFER IMPACTS = 810 SF

B3
ZONE 1 BUFFER IMPACTS = 459 SF
ZONE 2 BUFFER IMPACTS = 194 SF

B4
ZONE 1 BUFFER IMPACTS = 645 SF
ZONE 2 BUFFER IMPACTS = 1007 SF



PROFILE



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