

NCDOT
 DIVISION OF HIGHWAYS
 GUILFORD COUNTY
 PROJECT: 34429.11 (R2413B)
 NC 68 BETWEEN
 SR 2127 (BROOKBANK ROAD)
 AND NC 150

PROFILE
 SITE 1
 (MAIN CHANNEL)

SCALE
 1:50' HORIZONTAL
 1:10' VERTICAL

374+00 375+00 376+00 377+00 378+00



PROPOSED ROADWAY GRADE

810

800

790

780

770

PROPOSED 1@10'x10' RCBC
STATION 376+32.23

PROPOSED 1@10'x10' RCBC
STATION 374+35.96
(MAIN CHANNEL)

US Invert = 770.18

US Invert
770.18

100 YR WSEL = 780.3

Upstream Natural Ground

SECTION SITE 1

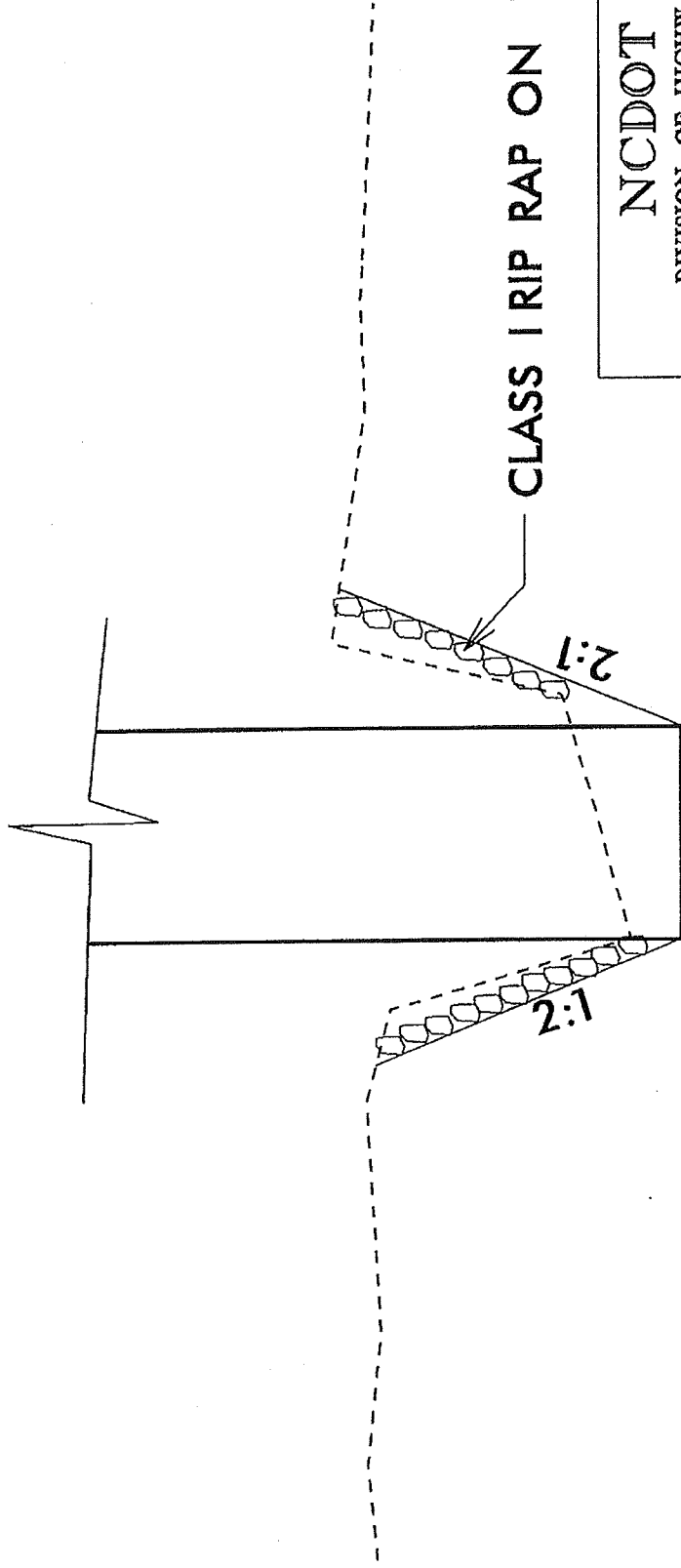
SCALE
1:50' HORIZONTAL
1:10' VERTICAL

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SHEET 19 OF 31 04/01/13

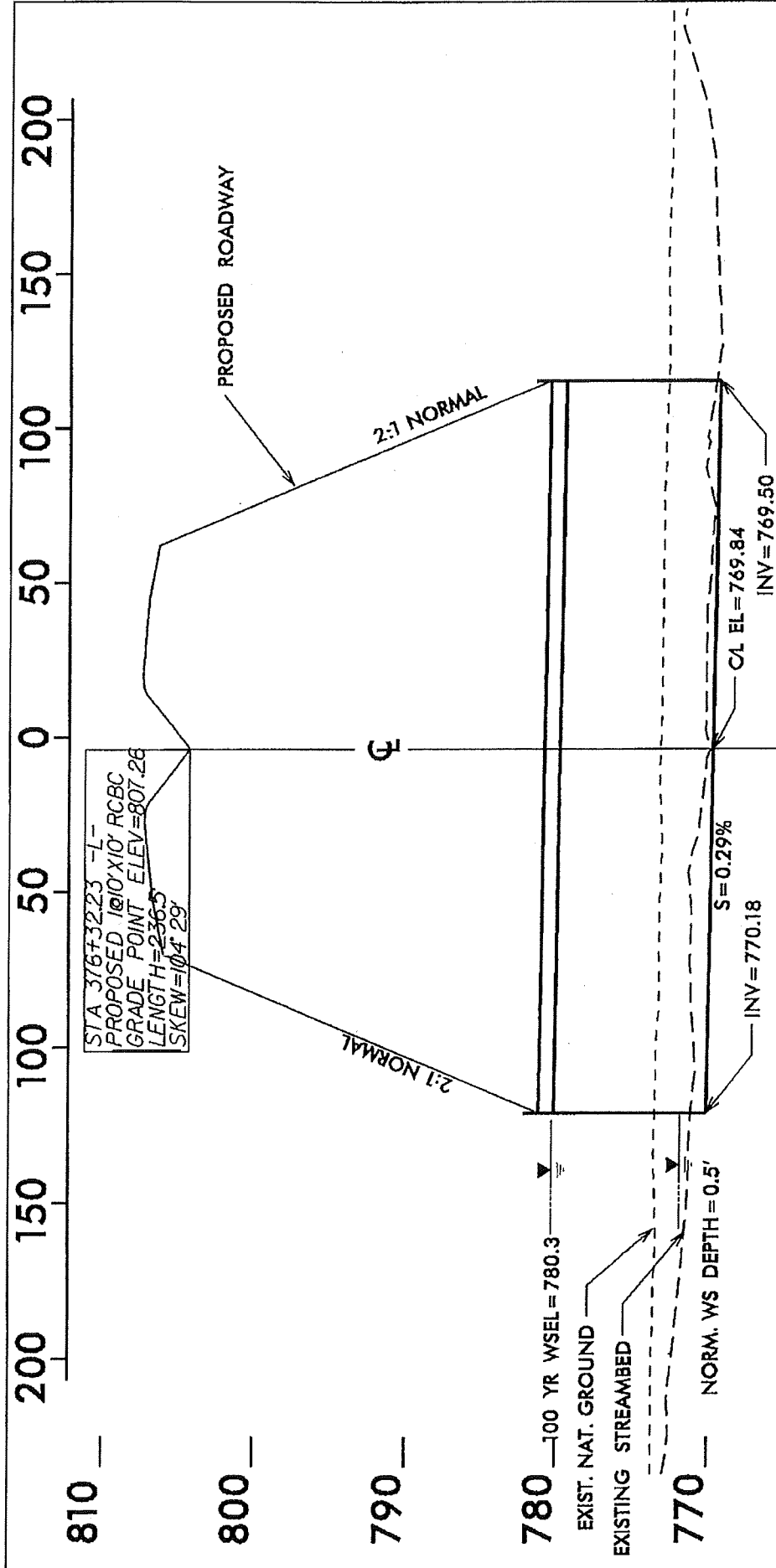
DETAIL OF RIP RAP ON BANKS AT D/S FACE OF 1@10'X10' RCBC

(N.T.S.)



SITE 1

NC DOT
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PROFILE

SITE 1

SCALE
1:50' HORIZONTAL
1:10' VERTICAL

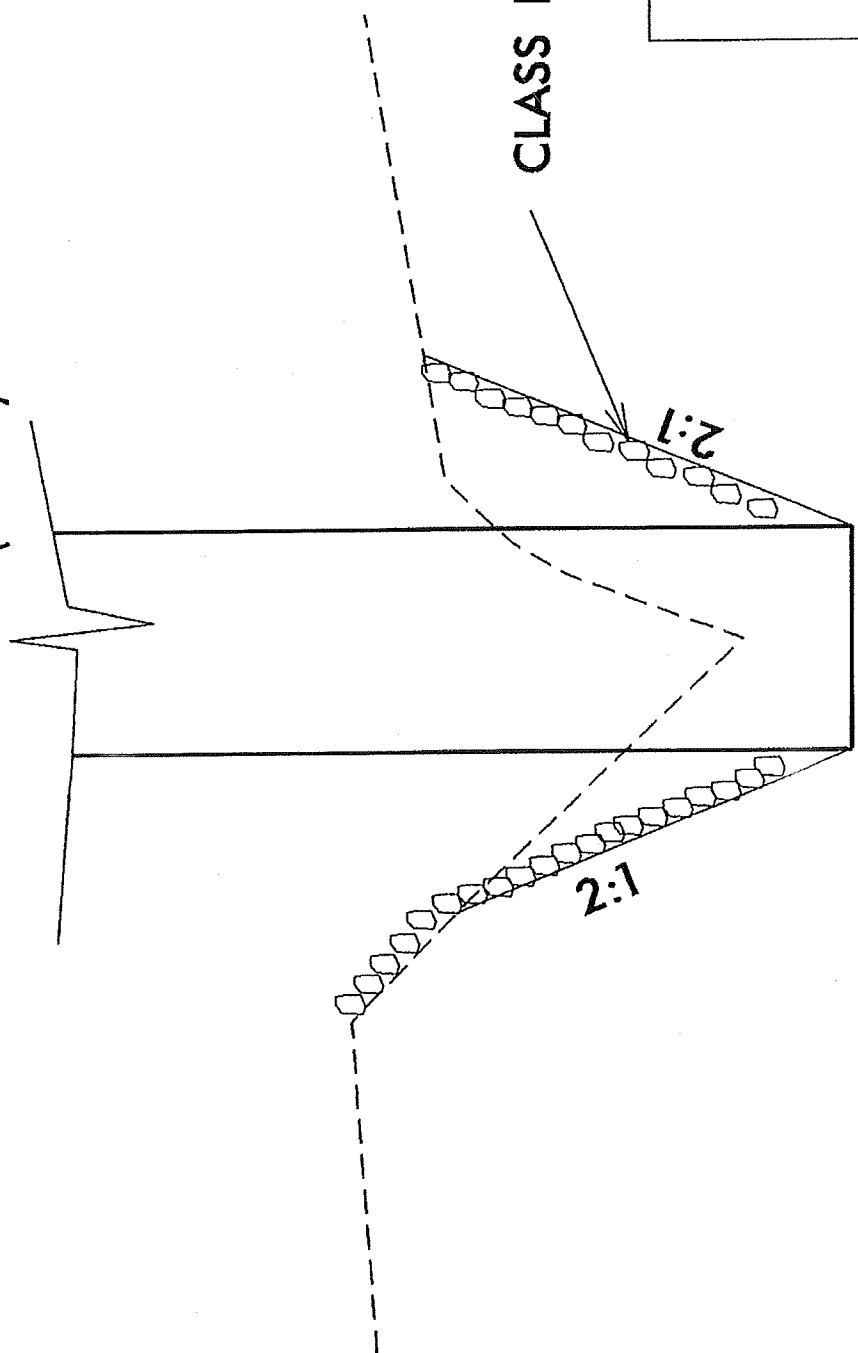
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DETAIL OF RIP RAP ON BANKS AT D/S FACE OF 1@10'X10' RCBC

(N.T.S.)



CLASS I RIP RAP ON BANKS

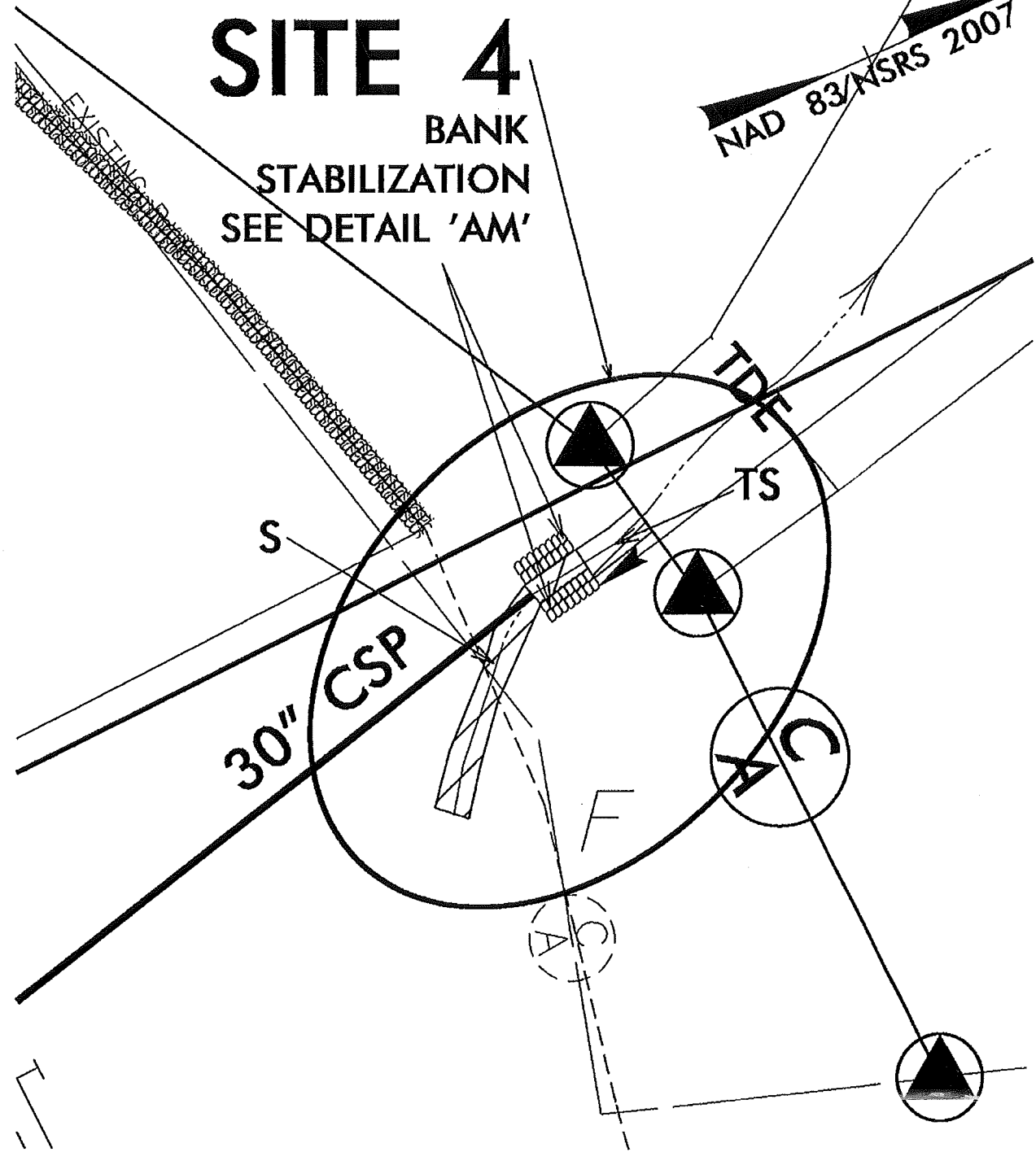
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SITE 1

SITE 4

BANK
STABILIZATION
SEE DETAIL 'AM'

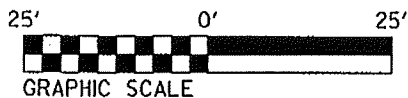
171.00 RT
NAD 83/NSRS 2007



IMPACT ENLARGEMENT

 DENOTES IMPACTS IN
SURFACE WATER

 DENOTES TEMPORARY
IMPACTS IN SURFACE WATER



NCDOT

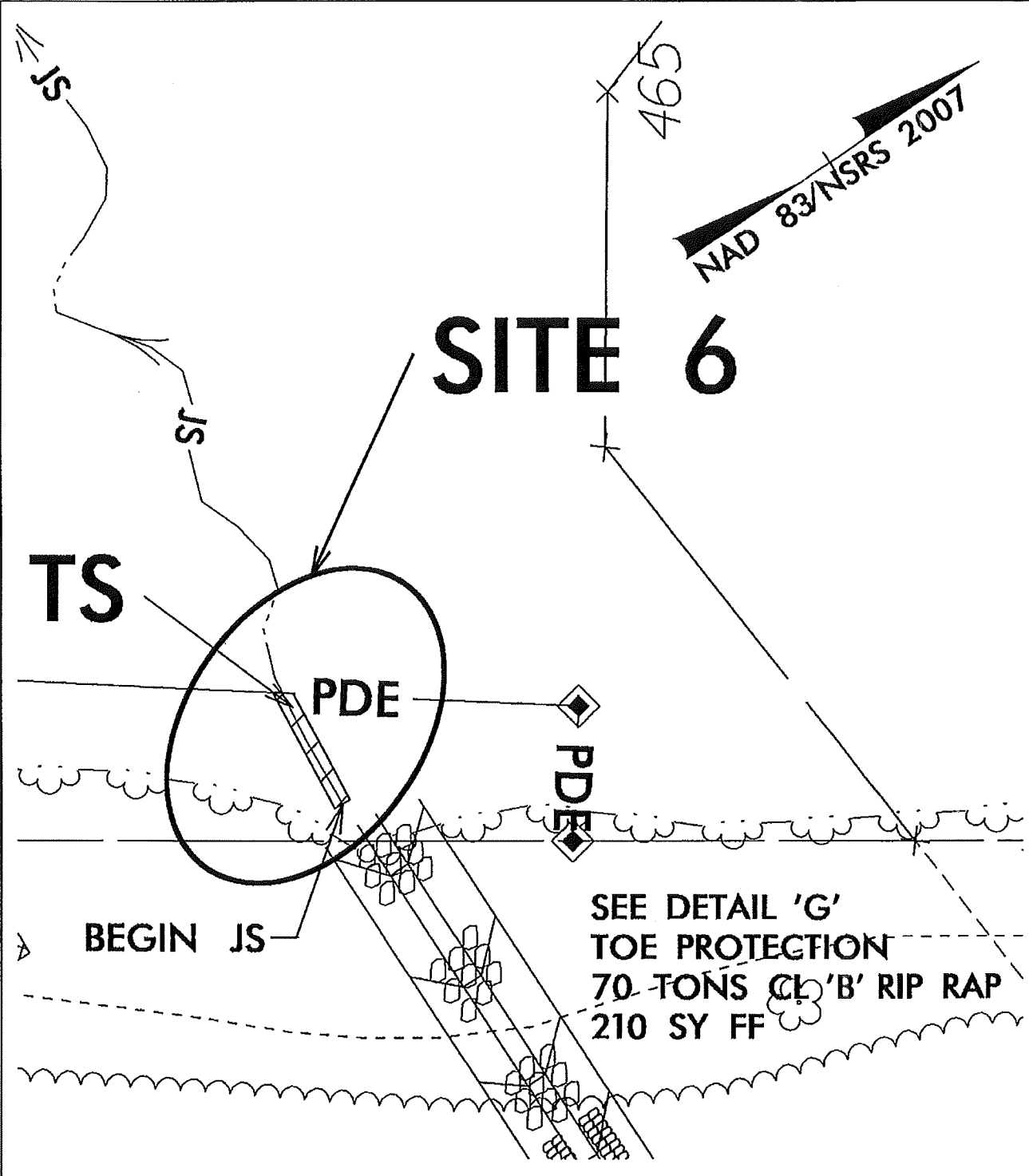
DIVISION OF HIGHWAYS
GUILFORD COUNTY

PROJECT: 34429.1.1 (R-2413B)


NC 68 BETWEEN

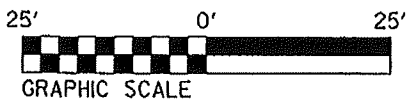
SR 2127 (BROOKBANK ROAD)

AND NC 150



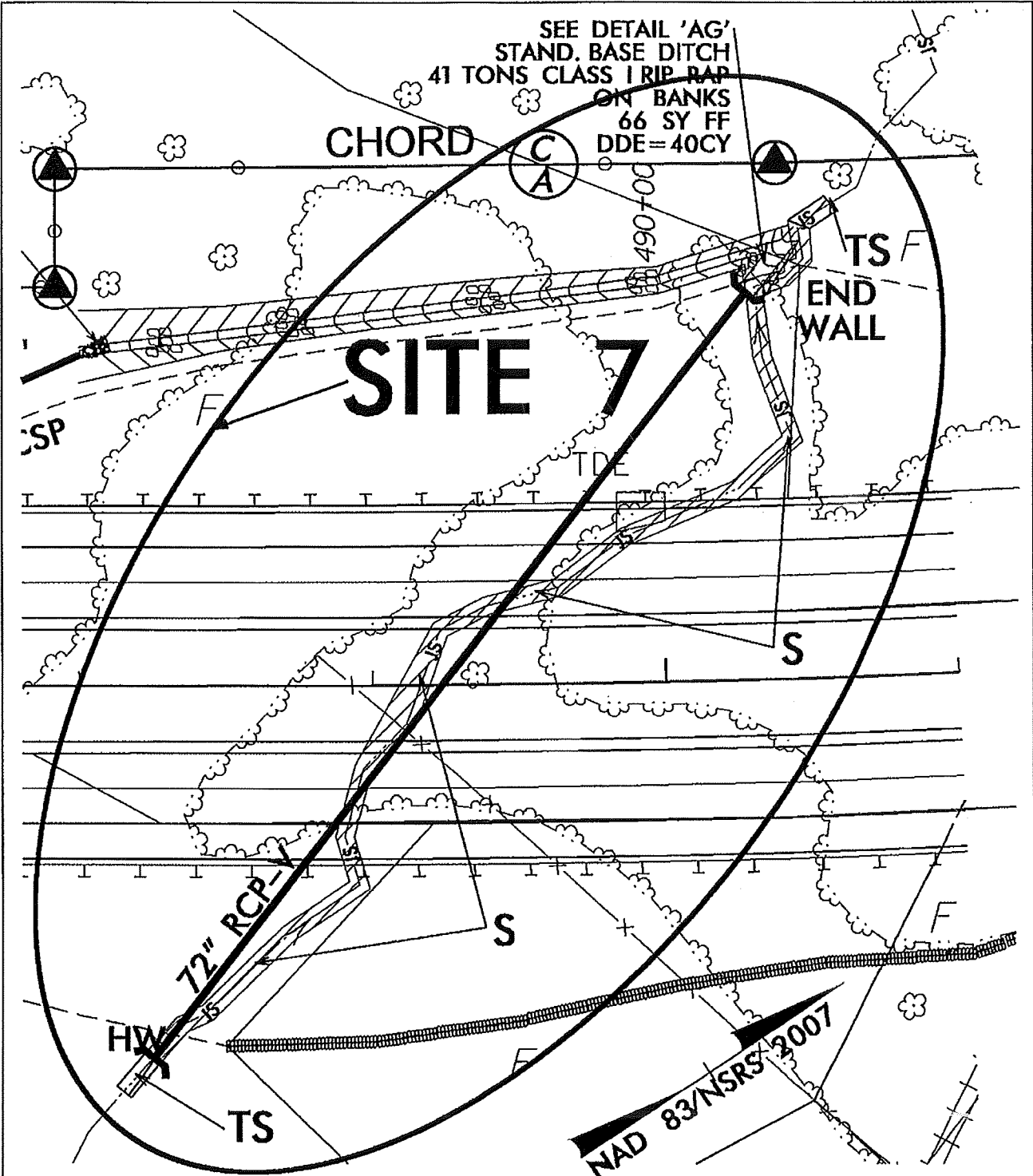
IMPACT ENLARGEMENT

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



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SEE DETAIL 'AG'
 STAND. BASE DITCH
 41 TONS CLASS I RIP-RAP
 ON BANKS
 66 SY FF
 DDE=40CY

CHORD

SITE 7

TS
 END
 WALL

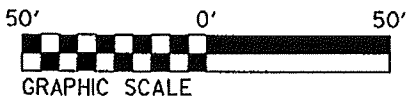
72" RCP-V

NAD 83/NSRS 2007

IMPACT ENLARGEMENT

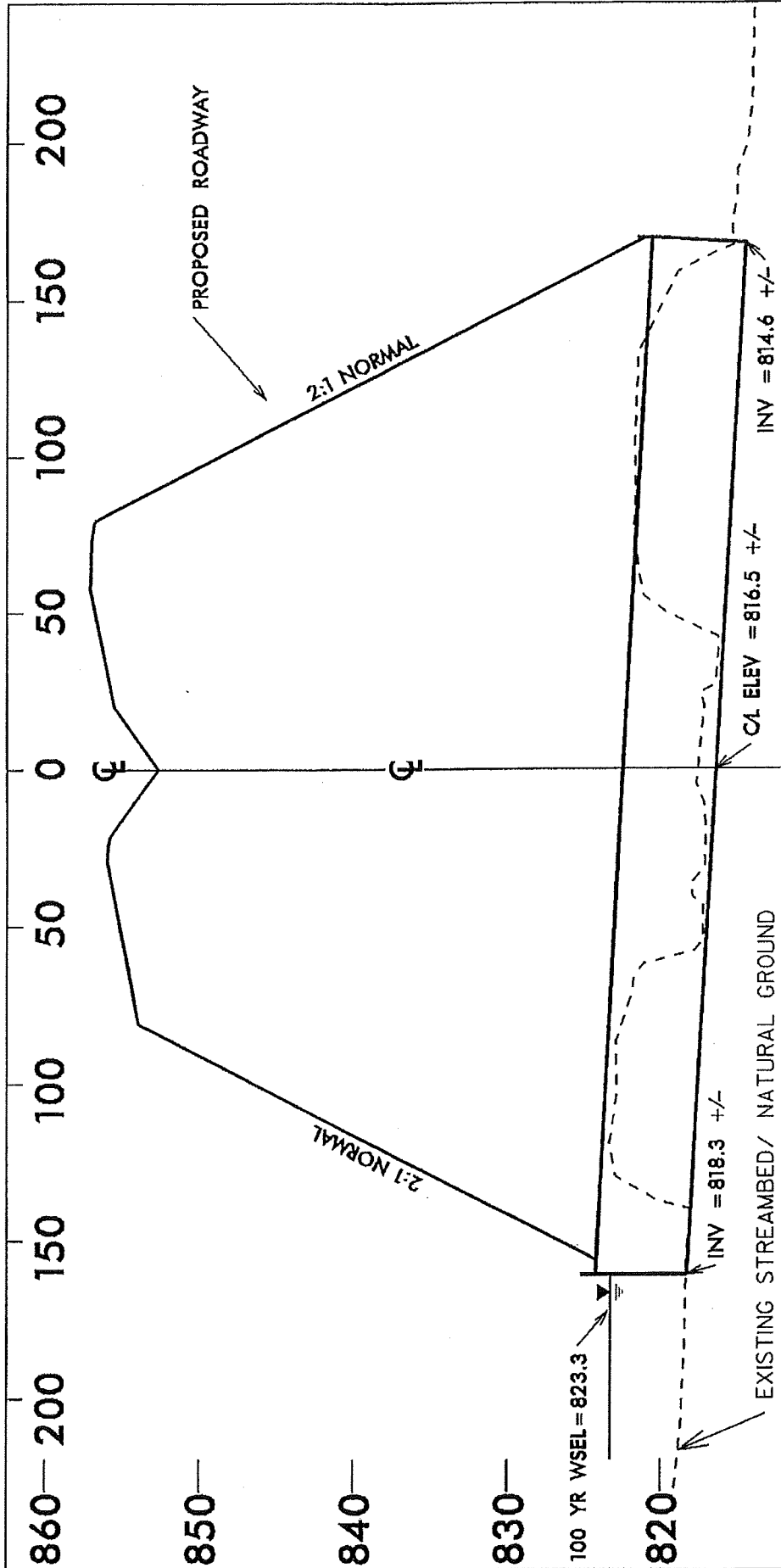
S DENOTES IMPACTS IN SURFACE WATER

TS DENOTES TEMPORARY IMPACTS IN SURFACE WATER



NCDOT

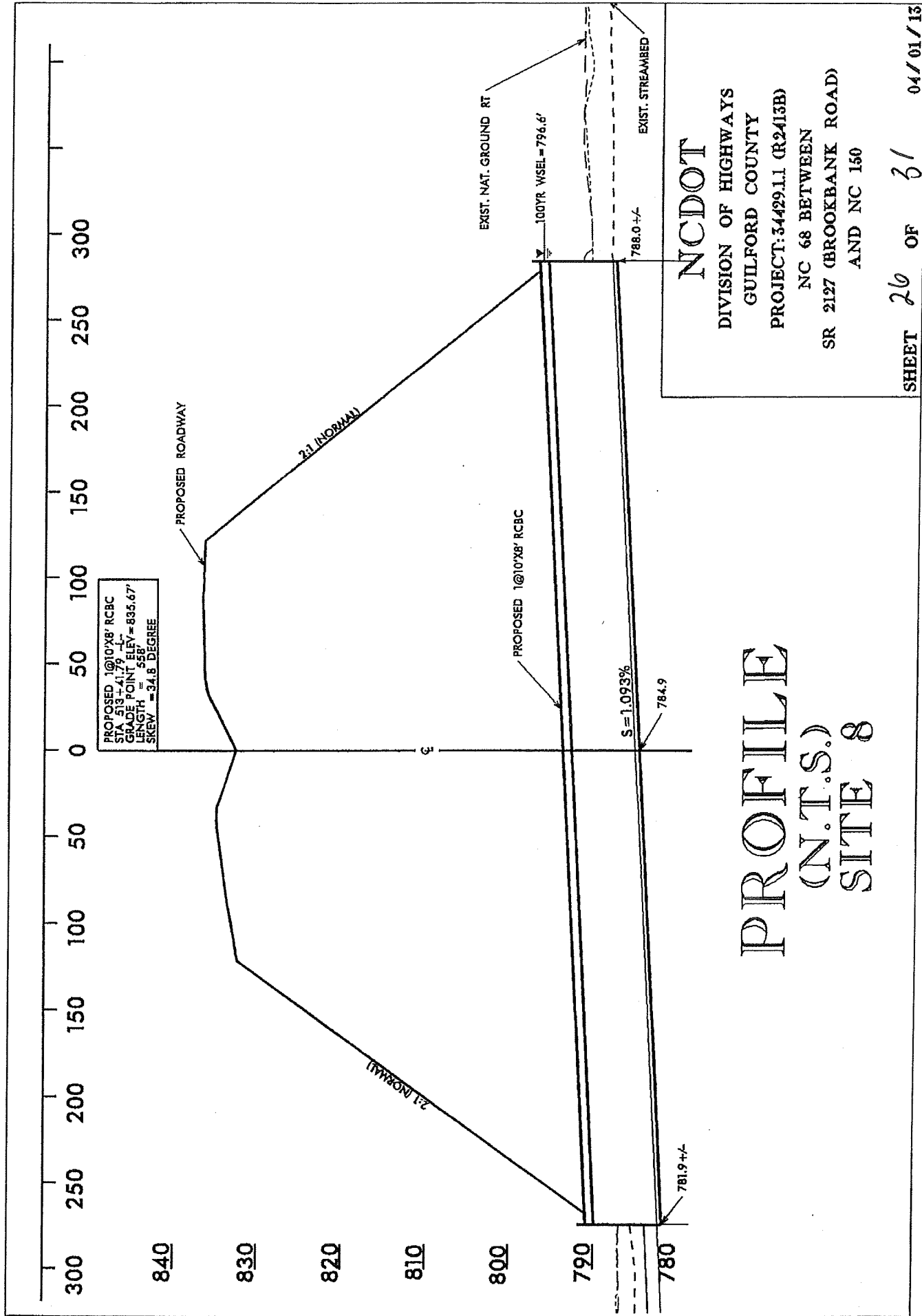
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NCDOT
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PROFILE
 SITE 7

SCALE
 1:50' HORIZONTAL
 1:10' VERTICAL



511+00 512+00 513+00 514+00 515+00

PROPOSED 10'0"X8' RCBC
STA 513+41.79 -L-

830

820

810

800

790

UPSTREAM OF
PROPOSED
CULVERT

PROPOSED 10'X8' RCBC
-L- STA 513+45.00

100YR WSEL=796.6'

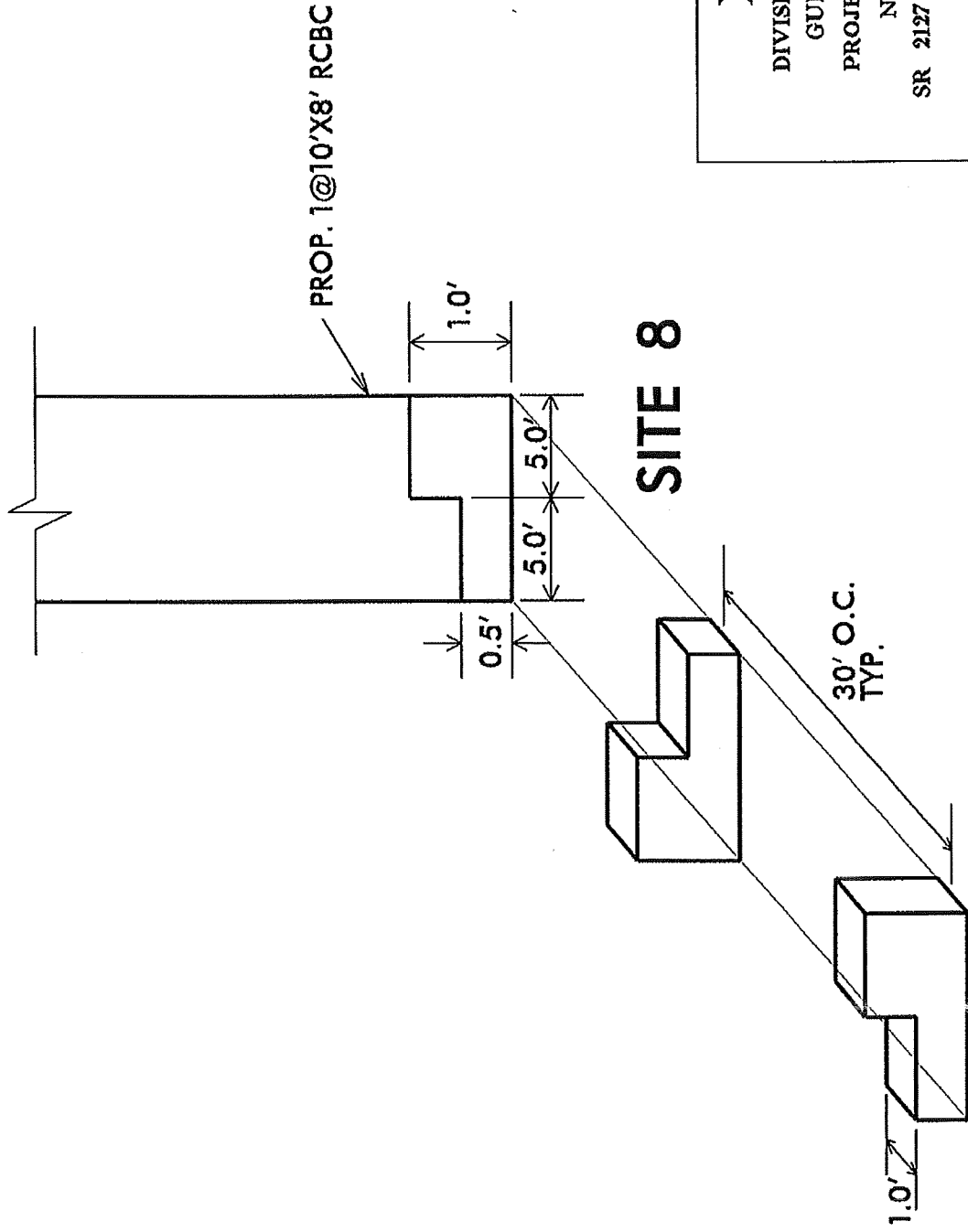
PROP. US
INV=788.0

CL -L- SECTION

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SECTION
(N.T.S)
SITE 8

DETAIL OF ALTERNATING SILLS (N.T.S.)



NC DOT

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GUILFORD COUNTY

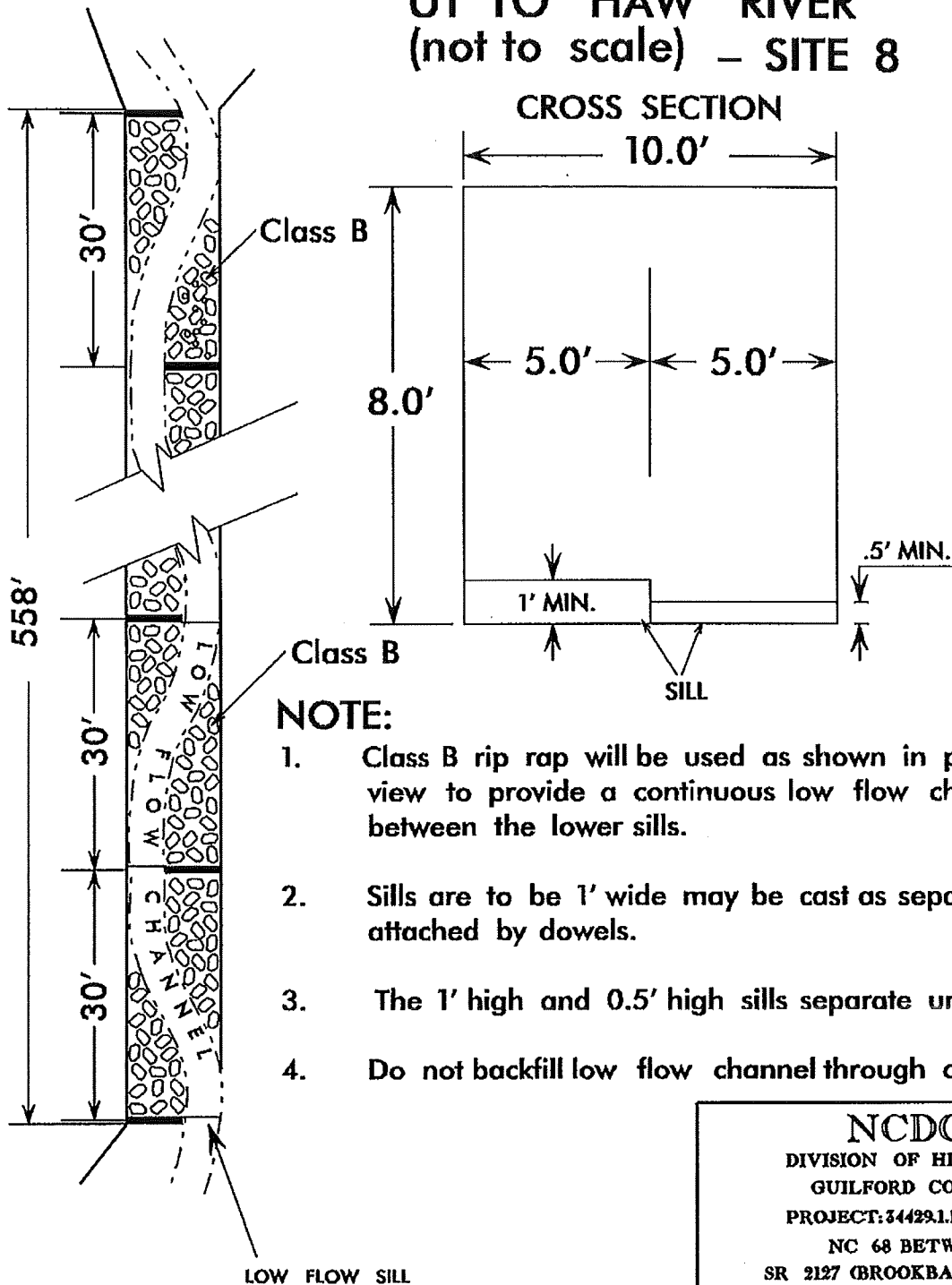
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**DETAIL OF LOW FLOW
CHANNEL AND SILLS**
 -L- STA 513+41.79
 PROPOSED 1 @ 10'X8' RCBC
 UT TO HAW RIVER
 (not to scale) - SITE 8



NOTE:

1. Class B rip rap will be used as shown in plan view to provide a continuous low flow channel between the lower sills.
2. Sills are to be 1' wide may be cast as separately and attached by dowels.
3. The 1' high and 0.5' high sills separate units.
4. Do not backfill low flow channel through culvert.

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