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DETAIL OF TEMPORARY DETOUR

-NC68NB_DET-
-NC68SB_DET-

PROJECT REFERENCE NO.	SHEET NO.
R-2413CA	2B-4
R /W SHEET NO.	

METRIC

5m 0 10m

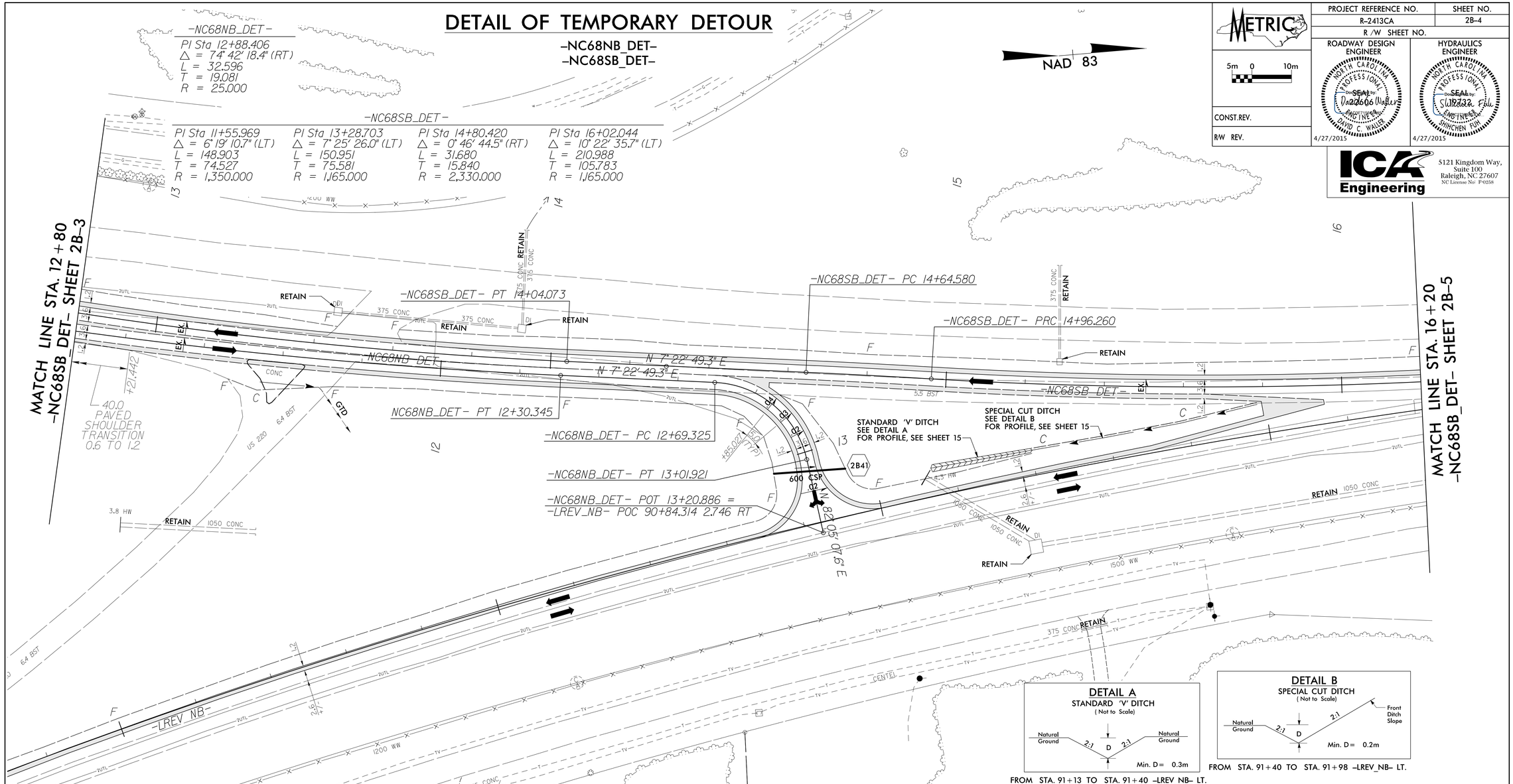
CONST.REV.

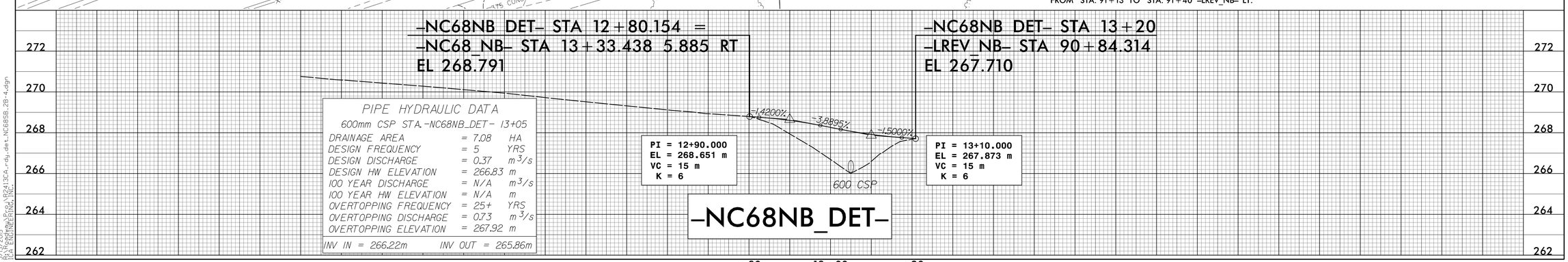
R/W REV.

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 22606 ENGINEER DAVID C. WALLER — 4/27/2015

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 51782 ENGINEER SHIHCHEN FUH — 4/27/2015

ICA Engineering
5121 Kingdom Way, Suite 100
Raleigh, NC 27607
NC License No: F-0258





PIPE HYDRAULIC DATA

600mm CSP STA.-NC68NB_DET- 13+05

DRAINAGE AREA	= 7.08	HA
DESIGN FREQUENCY	= 5	YRS
DESIGN DISCHARGE	= 0.37	m^3/s
DESIGN HW ELEVATION	= 266.83	m
100 YEAR DISCHARGE	= N/A	m^3/s
100 YEAR HW ELEVATION	= N/A	m
OVERTOPPING FREQUENCY	= 25+	YRS
OVERTOPPING DISCHARGE	= 0.73	m^3/s
OVERTOPPING ELEVATION	= 267.92	m

INV IN = 266.22m INV OUT = 265.86m

3/13/2015
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ICA ENGINEERING, INC.