

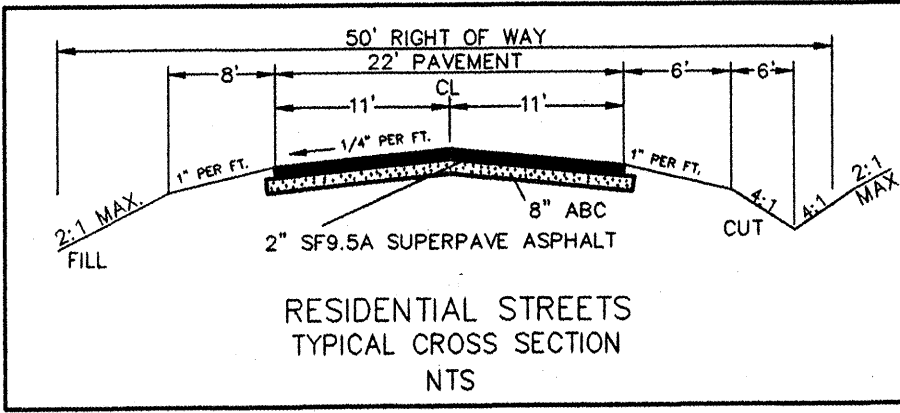
CUSTOM BASIN	DRAINAGE AREA (Ac.)	DENUDED AREA (Ac.)	STORAGE REQUIRED	STORAGE PROVIDED	BASIN SIZE W x L x D	WEIR LENGTH
CB #3	6.9	1.7	12524 CF	12784 CF	34'x94'x5'	16'
CB #7	4.84	1.31	8784 CF	9248 CF	34'x68'x5'	15'
CB #8	7.75	2.76	14066 CF	14280 CF	42'x85'x5'	25'
CB #9	15.39	4.16	27933 CF	28800 CF	60'x120'x5'	47'

CUSTOM BASIN	DRAINAGE AREA	C	1 ST FLUSH Q	FACTOR	LENGTH	LEVEL	SPREADER
CB #3	6.9 AC.	0.50	1	3.45 CFS	13	#2	45'
CB #7	4.84 AC.	0.45	1	2.18 CFS	13	#7	29'
CB #8	7.75 AC.	0.48	1	3.68 CFS	13	#8	48'
CB #9	15.39 AC.	0.45	1	6.93 CFS	13	#9	90'

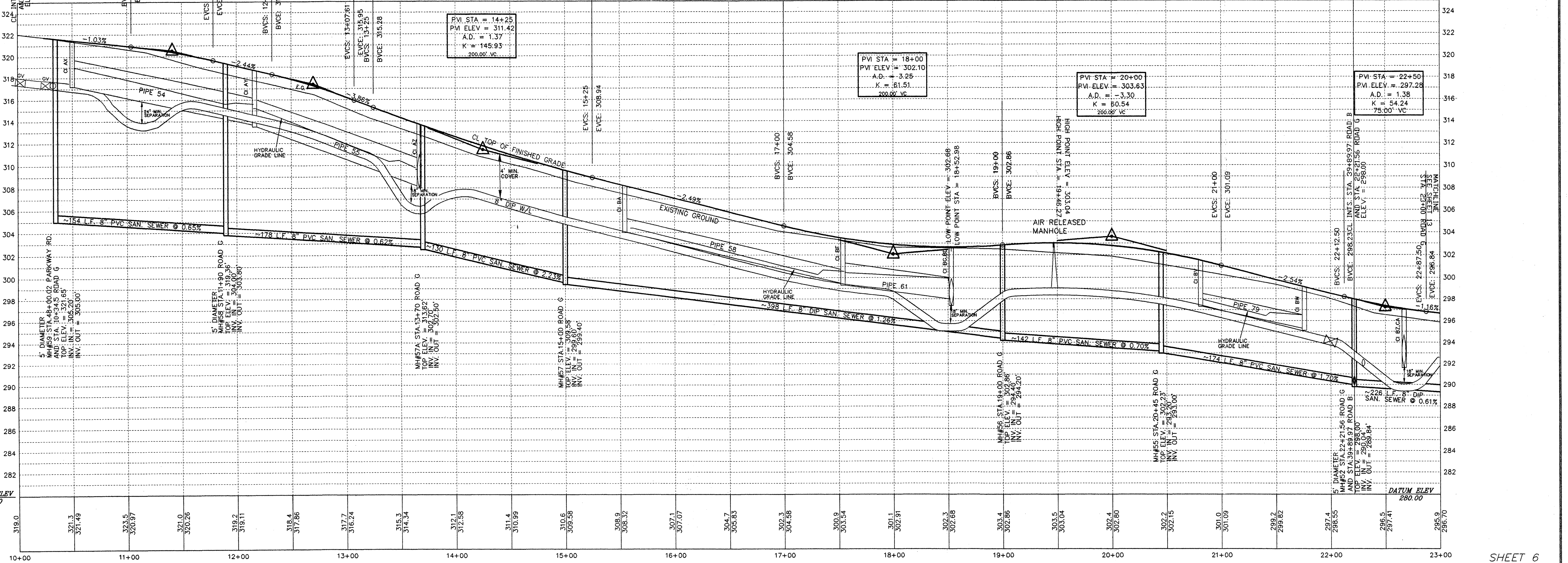
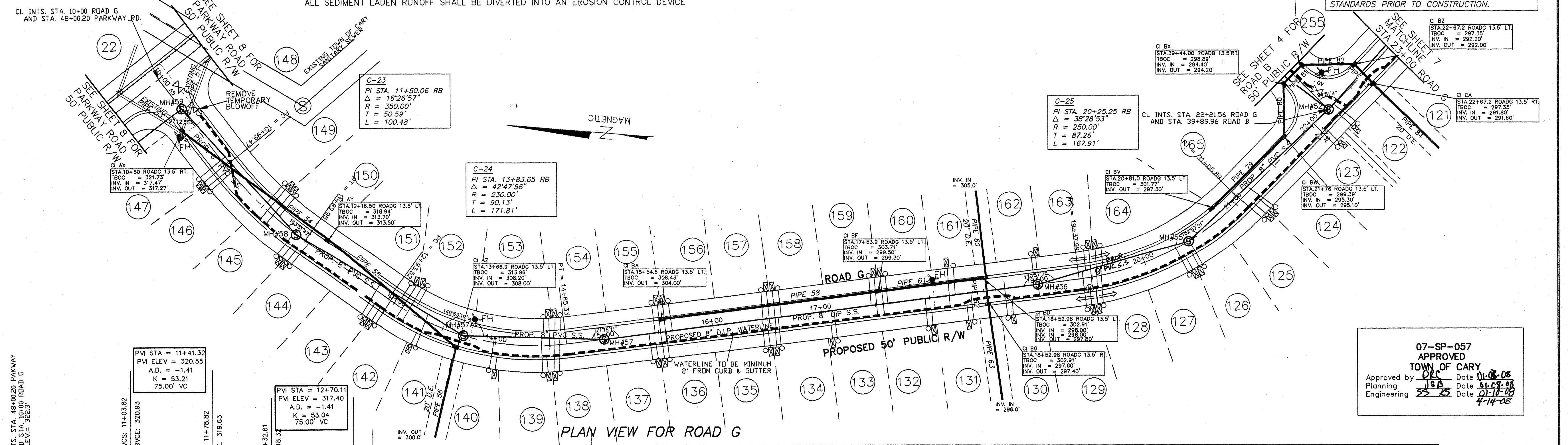
INSPECT BASINS AFTER EACH RAINFALL OCCURANCE
BASINS ARE TO BE CLEANED AS NEEDED
DEPTH INCLUDES 1" FREEBOARD
ALL SEDIMENT LADEN RUNOFF SHALL BE DIVERTED INTO AN EROSION CONTROL DEVICE

LOCATION, QUANTITY, AND PLACEMENT OF DRAINAGE PIPES AND EROSION CONTROL DEVICES MAY VARY TO BETTER CONFORM TO FIELD CONDITIONS.

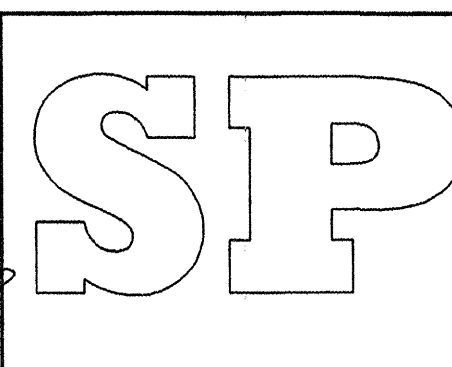
ALL WORK AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF WAKE COUNTY, NCDOT AND TOWN OF CARY. THE CONTRACTOR SHALL OBTAIN A COPY OF THESE STANDARDS PRIOR TO CONSTRUCTION.



- LEGEND**
- RIP RAP ENERGY DISSIPATOR
 - CUSTOM BASIN
 - TEMPORARY MATTING
 - ENKA MAT
 - STORM SEWER PIPE
 - DIVERSION FENCING
 - GRAVEL CONSTRUCTION ENTRANCE
 - SILT FENCE
 - LEVEL SPREADER



07-SP-057
APPROVED
TOWN OF CARY
Approved by: *[Signature]* Date: 01-08-08
Planning: *[Signature]* Date: 01-08-08
Engineering: *[Signature]* Date: 01-10-08



STEWART-PROCTOR
ENGINEERING and SURVEYING
319 CHAPANOKE ROAD SUITE 106
RALEIGH, NC 27603
TEL. 919 779-1855 FAX 919 779-1861

DATE 06-14-05 SURVEYED BY
SCALE 1"=50' DRAWN BY
REVISIONS

ROADWAY PLANS FOR
THE PARK AT WESTLAKE
THE HERITAGE PHASES 2 SF4-5

JOB: MIDDLE CREEK TOWNSHIP NORTH CAROLINA
DWG. NO.: WAKE COUNTY OWNER: WINSLOW PROPERTIES
ZONED R-30 P.I.N. 0679-13-1616

SCALE: 1" = 50' (HORIZONTAL)
1" = 5' (VERTICAL)

NOTE: PRELIMINARY PLANS. DO NOT USE FOR CONSTRUCTION.