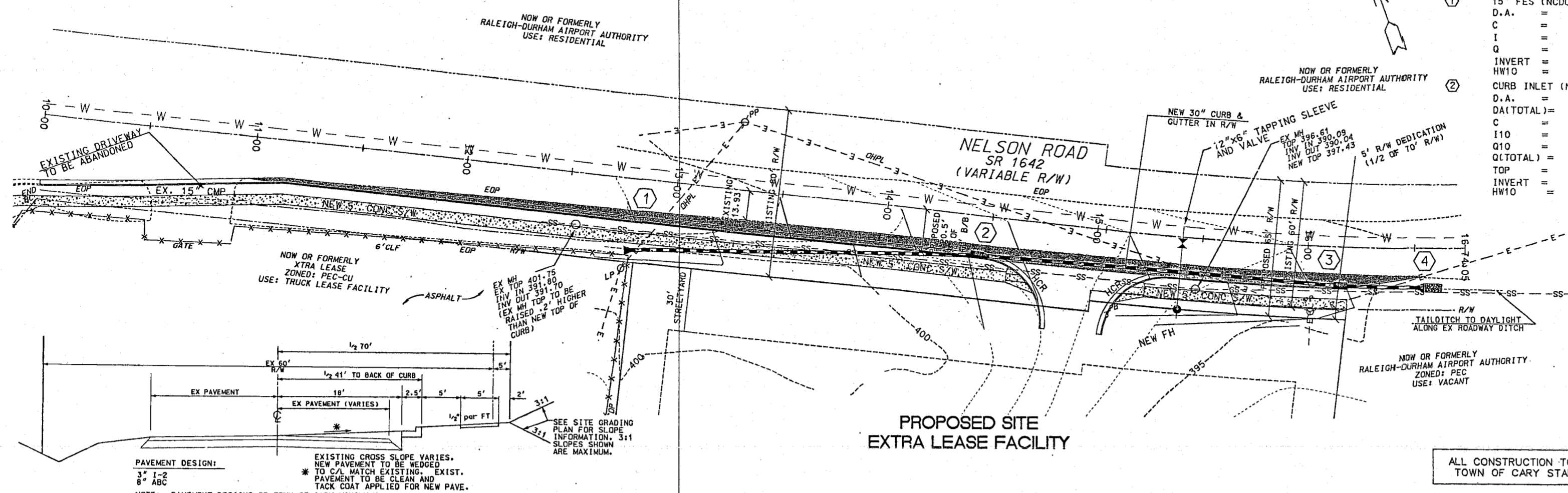


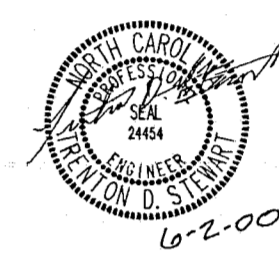
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① 15" FES (NCDOT STD)		③ CURB INLET (NCDOT STD)	
D.A.	= 0.11 Ac.	D.A.	= 0.17 Ac.
C	= 0.40	D.A. (TOTAL)	= 0.38 Ac.
I	= 7.22 in./Hr.	C	= 0.4
Q	= 0.32	I10	= 7.22 in./Hr.
INVERT	= 399.0 Ft.	Q10	= 0.5 CFS
HW10	= 399.28 Ft.	Q(TOTAL)	= 1.12 CFS
		TOP	= 396.3 Ft.
② CURB INLET (NCDOT STD)		④ 15" FES WITH VELOCITY DISSIPATOR	
D.A.	= 0.10 Ac.	INVERT	= 392.3 Ft.
D.A. (TOTAL)	= 0.21 Ac.	S	= 0.70%
C	= 0.4	Q10	= 1.02 CFS
I10	= 7.22 in./Hr.	V10	= 6.0
Q10	= 0.3 CFS	W	= 4 Ft.
Q(TOTAL)	= 0.62 CFS	L	= 8 Ft.
TOP	= 399.00 Ft.	d50	= 6 In.
INVERT	= 394.50 Ft.	USE 22" CLASS "B" RIP RAP WITH GEOTECHNICAL UNDERLINING	
HW10	= 394.91 Ft.		

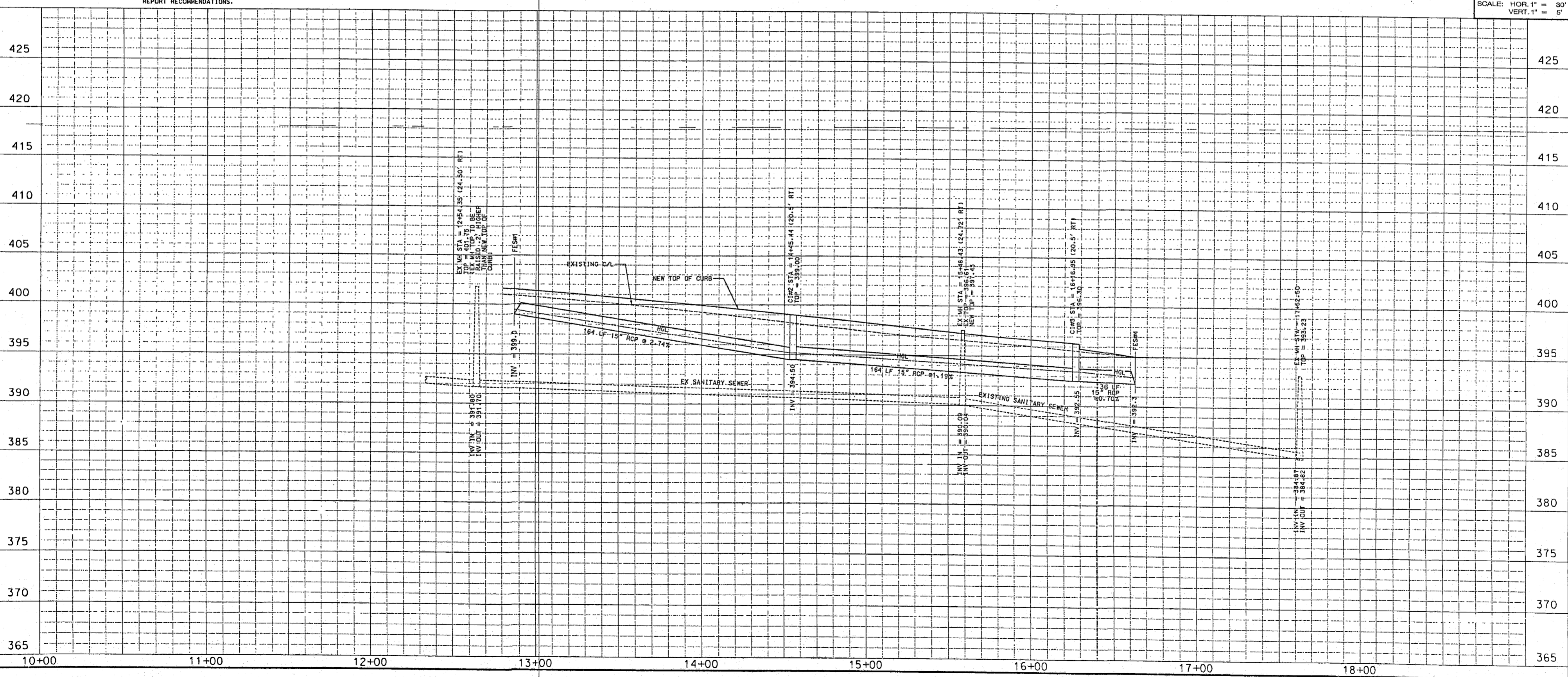
STORM PIPE DATA		
① to ②	164 LF	15" RCP @ 2.74%
② to ③	164 LF	15" RCP @ 1.19%
③ to ④	36 LF	15" RCP @ 0.70%

APPROVED
 JY 10/12/00
 10/12/00



ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CURRENT TOWN OF CARY STANDARD SPECIFICATIONS AND DETAILS

SCALE: HORZ. 1" = 30'
 VERT. 1" = 5'



B N K

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EXTRA LEASE FACILITY
 CARY WAKE COUNTY NORTH CAROLINA

PLAN AND PROFILE
 SCALE: HORZ. 1" = 30', VERT. 1" = 5'

SITE-7

NOT RELEASED FOR CONSTRUCTION