



**COOPER ACADEMY
A & R**

PROJECT TITLE
"CLIENT'S PROJECT" # - XXX

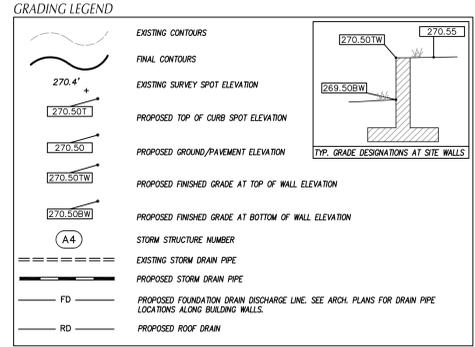


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- MATERIALS, DIMENSIONS AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE SPECIFIED ON THIS DRAWING SHALL BE CONTROLLED AS HAVING THE SAME MEANING AS SIMILARLY INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS OF THIS PROJECT.
- DO NOT SCALE OFF DIMENSIONS.

NO.	DATE	DESCRIPTION
1	2/20/24	ADDENDUM #1

STRUCTURE NO.	PIPE UP STRM DIA	PIPE DIA	PIPE SLOPE	PIPE LENGTH (LN)	PIPE MATL	UPPER INV (FT)	LOWER INV (FT)	UPPER TOP ELEV (FT)	LOWER TOP ELEV (FT)	UPSTREAM STRUCTURE DATA DIA	DEPTH (FT)	TYPE	NOTES
A1	A2	0.82%	18"	24'	RCP	296.50	296.35	301.50	5.00	CB	30'	DI	
A2	A3	2.88%	18"	24'	RCP	296.25	294.00	301.50	5.25	CB	30'	DI	
B1	B2	4.12%	15"	34'	RCP	318.80	317.40	323.20	4.40	DI			
B2	B3	8.18%	15"	34'	RCP	317.30	315.20	321.75	4.45	DI			
B3	B4	2.04%	15"	74'	RCP	315.10	314.00	319.50	4.40	MH			
B4	B5	0.55%	15"	74'	RCP	311.30	310.80	317.00	5.70	DI			
B5	B6	1.02%	15"	49'	RCP	310.80	310.30	315.90	5.10	DI			
B6	B7	7.02%	15"	100'	RCP	310.20	303.20	315.80	5.60	DI			
B7	B8	3.82%	15"	30'	RCP	303.10	301.95	308.00	4.90	DI			
B8	B9	5.71%	18"	30'	RCP	300.00	298.00	306.50	5.50	DI			
B10	B5	0.55%	15"	17'	RCP	311.50	311.40	315.90	4.40	DI			
B11	B8	0.62%	15"	32'	RCP	300.30	300.10	305.90	5.60	CB	30'	DI	
C1	C2	0.61%	15"	41'	RCP	296.10	295.85	300.40	4.40	DI			
C2	C3	0.56%	15"	102'	RCP	295.75	295.20	301.00	5.25	MH			
C3	C4	0.56%	18"	27'	RCP	295.10	294.95	300.50	5.40	MH			
D1	D2	2.12%	18"	94'	RCP	299.00	293.00	300.50	5.90	DI			
E1	E2	9.57%	18"	115'	RCP	307.00	296.00	312.00	5.00	DI			

- GENERAL NOTES**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL TOWN OF CLAYTON AND NCDOT STANDARDS AND SPECIFICATIONS.
 - ALL SPOT ELEVATIONS INDICATED AT CURB AND GUTTER AND ARE DENOTED TO TOP OF CURB, UNLESS OTHERWISE SHOWN.
 - TOTAL DEMOLISHED AREA = 1.4 AC
 - CONTRACTOR SHALL ADJUST ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, CLEANOUTS, ETC. AS NEEDED TO MATCH FINISH GRADE.
 - ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNERS INDEPENDENT TESTING LABORATORY. (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)
 - ALL STORM DRAIN PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER STOPPAGE OF WORK EACH DAY.
 - EXISTING VEGETATION SHALL REMAIN UNDISTURBED UNLESS NOTED OTHERWISE.
 - ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - THE GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF-SITE.
 - THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY STATE AUTHORITIES OR THE ARCHITECT.
 - THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL CLEARING AND GRADING WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
 - THE CROSS-SLOPE ON ALL SIDEWALKS SHALL BE A MAXIMUM OF 2.0%.
 - CONTRACTOR SHALL VERIFY ALL EXISTING ELEVATIONS WHERE NEW CONSTRUCTION JOIN OR CONNECT TO EXISTING PAVEMENT, CURB AND OTHER ROAD STRUCTURES. NOTIFY ARCHITECT IF DISCREPANCIES OCCUR.

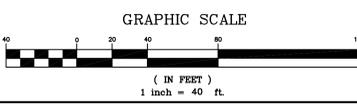


**Town of Clayton
Planning Department**

Planning Director:

Official Document

This document has been reviewed by the Town of Clayton and to the best of our knowledge and belief, conforms to all laws, ordinances, policies and specifications that are applicable. Approval by the Town shall not release the Architect and/or Design Professional from the responsibility for obtaining all permits or for errors or omissions in this plan and specifications and meeting all applicable standards and regulations.



BID DOCUMENTS
PROJECT PHASE
2307
BOOMERANG DESIGN PROJECT NUMBER
02.07.24
DRAWING RELEASE DATE

GRADING PLAN
SHEET TITLE
C301
SHEET