



**COOPER ACADEMY
A & R**

PROJECT TITLE
"CLIENT'S PROJECT" # - XXX



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NO.	DATE	DESCRIPTION
1	2/20/24	ADDENDUM #1
2	2/26/24	ADDENDUM #2

DRAINAGE STRUCTURE SCHEDULE										
STRUCTURE NO.	PIPE DIA.	PIPE SLOPE	PIPE MATL.	PIPE DIA.	UPPER INVERT (FT)	LOWER INVERT (FT)	TOP ELEV. (FT)	DEPTH (FT)	UPSTREAM STRUCTURE DATA	NOTES
A1	A2	0.82%	18	24	RCP	296.50	296.35	301.50	5.00	CB (1)
A2	A3	2.88%	18	78	RCP	296.25	294.00	301.50	5.25	CB (1)
B1	B2	4.13%	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	54	RCP	315.10	314.00	319.50	4.40	MH
B4	B5	0.55%	15	70	RCP	311.30	310.80	317.00	5.70	DI
B5	B6	1.02%	15	48	RCP	310.80	310.30	315.90	5.10	DI
B6	B7	7.00%	15	100	RCP	310.20	303.20	315.80	5.60	DI
B7	B8	3.87%	15	30	RCP	303.10	301.95	308.00	4.90	DI
B8	B9	5.71%	15	30	RCP	300.00	298.00	306.50	6.50	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 (1)
C1	C2	0.61%	15	41	RCP	295.10	295.05	300.50	4.40	DI
C2	C3	0.54%	15	102	RCP	295.15	295.20	301.00	5.25	MH
C3	C4	0.58%	15	27	RCP	295.10	294.95	300.50	5.40	MH
D1	D2	2.13%	18	94	RCP	295.00	293.00	300.50	5.50	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 DOTTED 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 ROOF STRUCTURES. NOTIFY ARCHITECT IF DISCREPANCIES OCCUR.

