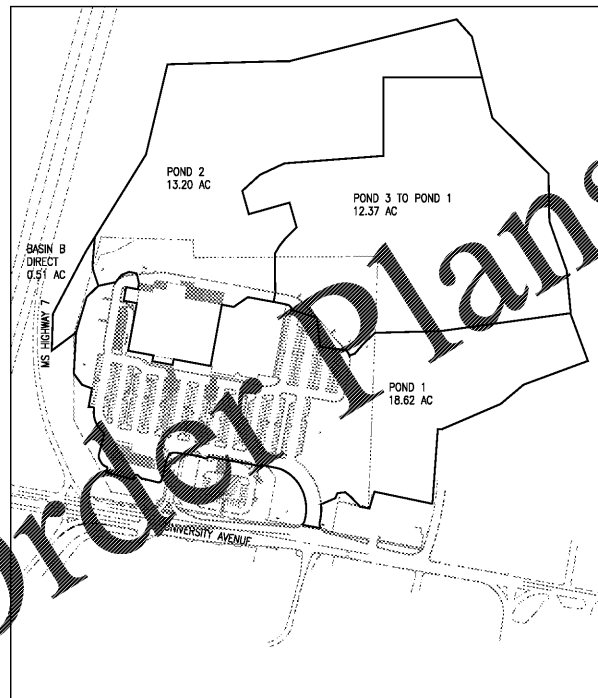
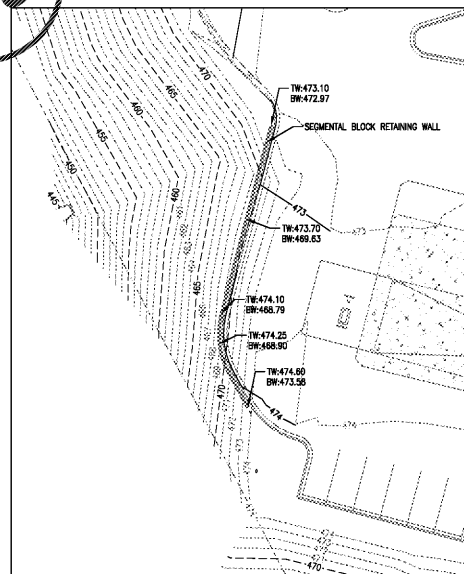


PRE-CONSTRUCTION DRAINAGE AREAS  
SCALE: 1" = 200'



POST-CONSTRUCTION DRAINAGE AREAS  
SCALE: 1" = 200'



RETAINING WALL DETAIL  
SCALE: 1" = 20'

STORM DRAINAGE - PIPE DATA

FROM	FLOW LINE ELEV.	TO	FLOW LINE ELEV.	PIPE DIA. (IN.)	SLOPE (%)	LENGTH (FT)	DESIGN Q (100% CFS)	PIPE CAPACITY (CFS)	VELOCITY (FPS)	MAX. AREA (SQ. FT)	DESIGN Q (100% CFS)
A1	464.52	A3	464.23	24"	1.02	28	10.52	24.75	7.9	12.37	15.85
A2	465.92	A3	463.69	30"	3.92	57	9.71	87.96	17.8	3.67	13.43
A3	463.63	A4	463.24	30"	0.80	43	30.10	68.65	9.7	18.04	29.14
A4	463.15	A5	462.64	30"	0.73	70	21.29	61.74	8.7	16.33	30.99
A5	462.58	A7	460.68	30"	1.34	142	25.37	83.64	11.8	17.28	36.58
A6	468.10	A7	462.84	24"	5.17	100	5.43	55.72	17.7	1.77	7.44
A7	460.65	A10	459.89	30"	0.74	102	20.71	62.16	8.8	20.12	48.47
A8	464.44	A9	463.22	24"	1.00	122	10.92	24.51	7.8	1.26	13.56
A9	463.22	A10	461.86	24"	1.00	136	12.83	24.51	7.8	1.84	17.84
A10	459.86	A11	458.89	42"	0.87	80	47.23	107.35	11.2	22.92	47.57
A11	458.89	A12	458.88	42"	0.48	22	46.84	76.30	7.8	22.92	47.50
A12	458.88	A13	458.60	42"	0.48	57	49.11	76.30	7.8	23.36	79.29
A13	458.61	A14	458.55	42"	0.48	11	51.20	76.30	7.8	23.86	73.42
A14	458.04	A15	457.30	48"	0.82	30	51.14	140.91	11.2	23.85	73.42
A15	457.30	A16	457.15	48"	0.68	22	50.29	139.26	10.3	23.85	73.64
A16	457.15	A17	456.63	48"	0.69	75	54.18	139.26	10.3	24.08	77.90
A17	456.63	A18	456.35	48"	0.31	30	56.95	86.64	6.8	25.23	81.98
A18	456.22	A19	455.64	48"	0.64	30	60.19	134.48	9.9	26.00	86.78
A19	455.62	A20	454.23	48"	1.53	31	62.70	102.48	10.3	26.02	80.55
A20	454.19	A21	454.23	48"	-0.11	37	62.92	0.00	0.0	26.75	81.03
B1	464.13	B2	462.82	24"	1.06	114	4.76	25.23	8.0	0.97	6.52
B2	462.85	B3	461.54	24"	1.30	89	5.93	28.16	9.0	1.43	8.23
B3	461.44	B4	460.27	24"	1.24	84	14.10	27.29	8.7	3.24	23.85
B4	459.95	B5	459.59	30"	3.44	115	14.86	82.42	16.8	3.44	23.85
C1	463.10	C2	447.66	30"	3.12	178	42.30	117.61	16.7	4.47	27.66
C2	447.66	C3	446.37	30"	3.12	40	42.30	117.61	16.7	2.11	47.66
D1	498.09	D2	498.00	24"	1.01	9	3.91	22.74	7.2	0.56	6.26
D2	498.00	D4	489.30	24"	3.96	220	12.67	44.96	11.4	1.76	11.44
D3	489.60	D4	489.30	30"	1.08	28	9.73	0.00	9.7	0.00	29.35
D4	489.30	D6	489.00	30"	1.86	16	21.37	0.00	11.4	0.00	6.19
D5	490.50	D6	489.23	18"	2.73	46	4.57	0.00	9.8	0.00	6.19
D6	489.00	D7	484.00	30"	5.06	30	26.02	92.2	18.8	5.06	34.06

STORM DRAINAGE - STRUCTURE DATA

STRUC. NO.	STRUC. TYPE	GRATE / THROAT TOP OF CURB ELEV.	FLOW LINE ELEV.	AREA (SQ. FT)	DESIGN Q (100% CFS)
A1	DEFINITION OUTLET	476.14	464.52	12.37	10.52
A2	WINDOW INLET	468.77	465.92	3.67	...
A3	WINDOW INLET	468.89	463.63	9.00	...
A4	GRATE INLET	470.00	463.15	3.29	1.92
A5	GRATE INLET	470.00	462.58	1.06	4.88
A6	WINDOW INLET	468.25	468.10	1.77	5.43
A7	AREA INLET	470.57	460.65	3.96	5.07
A8	AREA INLET	469.38	464.44	1.39	10.03
A9	AREA INLET	469.25	463.22	3.45	...
A10	AREA INLET	469.10	459.86	3.95	6.92
A11	JUNCTION BOX	470.46	458.89	0.00	...
A12	AREA INLET	469.60	458.88	0.00	...
A13	AREA INLET	469.58	458.60	3.47	...
A14	JUNCTION BOX	469.69	457.30	0.00	...
A15	JUNCTION BOX	469.82	457.15	0.00	...
A16	AREA INLET	457.15	457.15	1.00	5.26
A17	AREA INLET	456.63	456.63	0.05	4.68
A18	AREA INLET	456.22	456.22	3.77	5.55
A19	AREA INLET	455.62	455.62	3.02	4.47
A20	AREA INLET	454.23	454.19	3.13	0.94
A21	AREA INLET	454.23	454.23	0.00	...
B1	CURB	470.63	464.13	3.97	4.76
B2	CURB	471.20	462.85	3.46	1.41
B3	CURB	471.19	461.44	1.81	8.89
B4	CURB	471.01	459.95	3.00	1.18
B5	FES	455.59	455.59	0.00	...
C1	DW	473.69	463.10	9.19	42.30
C2	DW	472.43	447.66	0.00	...
C3	DW	468.31	446.37	0.00	...
D1	DW	515.00	498.00	0.59	3.91
D2	SS-1	515.00	498.00	2.19	9.41
D3	DW	507.99	489.60	1.47	9.73
D4	SS-1	507.37	489.30	0.22	1.46
D5	DW	507.63	490.50	0.89	4.87
D6	DW	500.08	489.00	0.00	...
D7	FES	484.00	484.00	0.00	...

EXISTING STRUCTURE  
\*\* EXIST STRUCTURE TO BE MODIFIED



2013 UNIVERSITY AVENUE  
OXFORD, MISSISSIPPI 38655  
A DEVELOPMENT OF THE KROGER COMPANY

naos  
Naos Design Group Of Mississippi, PLLC.  
MARC BREETZ, ARCHITECT  
645 Lakeland East Drive  
Suite 101  
Flowood, Mississippi 39232  
(p) 303.759.5777  
(f) 720.360.4281  
ARCHITECT OF RECORD

CDS  
COMMERCIAL DESIGN SYSTEMS, INC.  
13825 BW GALBREATH DRIVE  
SHERWOOD, OREGON 97140  
503.885.7000 (P)503.825.8802  
INTERIOR DECOR

Pickering  
Pickering Firm, Inc.  
Architecture - Engineering  
Planning - Surveying  
6775 Lenox Center Court, Suite 300  
Memphis, TN 38115  
901.728.0910  
ENGINEER OF RECORD:  
STRUCTURAL  
MECHANICAL  
ELECTRICAL  
CIVIL ENGINEER

V-SOFT  
INFRASTRUCTURE  
11280 CHESTER ROAD  
CINCINNATI, OH 45248  
T: 513-960-3819  
LOW VOLTAGE

telgian  
TELGIAN CORPORATION  
10230 SOUTH 60TH PLACE  
SUITE 100  
PHOENIX, AZ 85044  
T: (677) 836-4426  
HTTP://WWW.TELGIAN.COM  
FIRE PROTECTION

ISSUE LOG

NO.	REV.	DESCRIPTION	DATE
1	-	PERMIT SET	12/06/18
2	-	BID SET	03/21/19

JOB: 2018041 SCALE: 1" = 200'

SHEET NO. C1.2.2

STORM PIPE AND STRUCTURE TABLES

COPYRIGHT © 2018 NAOS DESIGN GROUP OF MISSISSIPPI, PLLC. THESE DRAWINGS OR PARTS THEREOF ARE NOT TO BE REPRODUCED IN ANY FORM, BY ANY METHOD, FOR ANY PURPOSES, WITHOUT PRIOR WRITTEN CONSENT FROM NAOS.