

SURVEY CONTROL SHEET
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

SL	POINT	DESC.	NORTH	EAST	ELEVATION
1		BL -1	832862.2215	1698809.6528	867.10
2		BL -2	833332.6106	1698796.8673	866.01
202		GPS U4758 -202	833736.7303	1698531.3064	858.94
3		BL -3	834296.2222	1698318.5328	860.95
4		BL -4	834790.8258	1698168.5931	883.49
5		BL -5	835220.8303	1698270.0137	882.78
6		BL -6	835869.1983	1698809.2156	868.34
7		BL -7	836233.6464	1699170.8640	852.85
8		BL -8	836762.9288	1699581.8048	843.83
9		BL -9	837378.4355	1700145.3372	813.01
10		BL -10	837783.1056	1700544.1125	824.94
204		GPS U4758 -204	838559.3943	1700712.4697	848.81
12		BL -12	839093.4422	1700784.7730	860.75
13		BL -13	839789.2269	1700884.9034	875.52
14		BL -14	840672.0701	1700769.6923	884.94
211		BL -211	841469.3304	1700789.4357	901.45
212		BL -212	842100.5213	1700906.9195	918.21
17		BL -17	842759.9743	1701515.5079	923.23
18		BL -18	843031.4240	1701710.3372	927.48
19		BL -19	843384.1920	1701915.1066	931.58
20		BL -20	844116.0025	1702228.9557	926.79
21		BL -21	844854.5099	1702469.9340	932.30
22		BL -22	845400.2354	1702722.4769	928.36
23		BL -23	845950.7937	1702983.5074	937.01
24		BL -24	846289.8969	1703467.2702	938.98
25		BL -25	846636.7328	1703969.5770	943.07
26		BL -26	846941.0171	1704514.3371	944.72
27		BL -27	847229.8077	1705211.6233	948.28
207		GPS U4758 -207	848020.8585	1705834.1543	957.96
214		BL -214	848293.3510	1706103.3482	952.68
215		BL -215	848592.2787	1706360.4783	959.80
31		BL -31	849135.3725	1706567.5089	956.02
32		BL -32	849886.9607	1706854.3700	956.91
33		BL -33	850322.6293	1706981.0129	956.26
34		BL -34	850817.5476	1706975.6868	958.72
35		BL -35	851244.4398	1706662.3934	954.23
36		BL -36	851648.1925	1706383.8743	953.17
37		BL -37	852159.9507	1706063.1686	952.89
38		BL -38	852688.9663	1705819.5389	961.38
39		BL -39	853239.4748	1705654.3936	965.67
40		BL -40	853622.0406	1705597.4455	980.77
209		GPS U4758 -209	854124.3581	1705606.0895	977.63
210		GPS U4758 -210	853707.0678	1706694.7623	977.48

BY	POINT	DESC.	NORTH	EAST	ELEVATION
201		GPS U4758-201	832997.7093	1697095.7252	874.17
EQ202			833736.7303	1698531.3064	858.94
101		BY-101	834012.9839	1698995.8723	844.31
102		BY-102	834090.1550	1699464.2083	852.26

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
103		BY1 - 103	836466.3935	1698642.0985	852.47
E07			836233.6464	1699170.8640	852.85

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
104		BY2-104	839663.2369	1700326.5838	864.29
EQ13			839789.2387	1700884.9336	875.52

POINT	DESC.	NORTH	EAST	ELEVATION
105	BY3-105	841715.0843	1700011.4968	906.99
213	BY3-213	841895.4830	1700415.7904	911.73
EQ212		842100.5213	1700906.9195	918.21

POINT	DESC.	NORTH	EAST	ELEVATION
107	BY4-107	842907.6466	1701059.0682	919.36
EQ17		842759.9743	1701515.5079	929.17

POINT	DESC.	NORTH	EAST	ELEVATION
108	BY5-108	843642.3891	1701449.7599	918.32
EQ19		843384.1920	1701915.1066	931.58

BYG	POINT	DESC.	NORTH	EAST	ELEVATION
EQ20			844116.0025	1702228.9557	926.79
205		GPS U4758-205	843490.8966	1702329.6095	920.58
206		GPS U4758-206	842164.9902	1702965.9670	896.90

BY7	POINT	DESC.	NORTH	EAST	ELEVATION
109		BY7-109	844911.9718	1702091.1312	939.73
EQ21			844854.5099	1702469.9340	932.30

BY8	POINT	DESC.	NORTH	EAST	ELEVATION
110		BY8-110	846014.4027	1702055.0540	941.89
111		BY8-111	845976.1109	1702474.9850	937.94
E023			845950.7937	1702983.5074	937.01

BY8A	POINT	DESC.	NORTH	EAST	ELEVATION
118		BY8A-118	847558.5599	1703779.8538	902.71
119		BY8A-119	846920.4091	1703756.2668	939.72
EQ25			846636.7328	1703969.5770	943.07

POINT	DESC.	NORTH	EAST	ELEVATION
E026		846941.0171	1704514.3371	944.72
112	BY9-112	846439.5859	1704558.1817	936.07
113	BY9-113	845923.4786	1704510.9986	930.80

BY10	POINT	DESC.	NORTH	EAST	ELEVATION
EQ207			848020.8585	1705834.1543	957.96
208	OPS	U4758-208	847040.6594	1706191.3248	935.75

BY11	POINT	DESC.	NORTH	EAST	ELEVATION
	EQ215		848592.2787	1706360.4783	959.80
	114	BY11-114	848236.4588	1706628.8133	952.47
	115	BY11-115	847918.3516	1707010.0542	956.70

BY12	POINT	DESC.	NORTH	EAST	ELEVATION
E032			849886.9607	1706854.3700	956.91
116		BY12-116	850265.2150	1707208.8301	965.00
117		BY12-117	850533.7466	1707642.9463	947.37

BY16	POINT	DESC.	NORTH	EAST	ELEVATION
E036			851648.1925	1706383.8743	953.17
123		BY16-123	851706.9901	1706746.6305	952.34
124		BY16-124	851678.7893	1707475.5260	961.74
125		BY16-125	851659.6257	1707909.6419	957.48
220		BY16-220	851598.7924	1708486.3029	955.19
221		BY16-221	851621.4721	1708927.2249	950.78

BY16A	POINT	DESC.	NORTH	EAST	ELEVATION
E037			852159.9507	1706063.1686	952.89
126		BY16A-126	852386.0722	1706470.9532	949.48
127		BY16A-127	852301.8136	1707118.4620	933.54
216		BY16A-216	852518.2825	1707545.6740	942.87
217		BY16A-217	852472.6018	1707929.7029	940.02
218		BY16A-218	852213.6514	1708050.7468	944.48
219		BY16A-219	851953.2133	1707626.6142	958.65

BY16B				
POINT	DESC.	NORTH	EAST	ELEVATION
E0217		852472.6018	1707929.7029	940.02
222	1-5712 BY4-132	852872.2880	1708026.4940	921.77
223	1-5712 BY4-133	852707.9807	1708441.1035	923.70

I, Clinton B. Osborne, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
Type of GPS field procedure: Static
Dates of survey: 3/1/2017 to 3/10/2017
Datum/Epoch: NAD83 NA2011
Published/Fixed-control use: NCGS 616E-200
Localized around: NCGS 616E-200
Northing: 855280.10'
Easting: 1707247.73'
Combined grid factor: 0.999940733
Geoid model: 12A
Units: US Survey Feet

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 3/14/2017 to 4/13/2017, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 2nd day of September, 2024

DocuSigned by:
Clinton B. Osborne
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Professional Land Surveyor L-3834

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.