PROJECT REFERENCE NO.	SHEET NO.
42306.1.1	1C-2
Location and Surveys	

SURVEY CONTROL SHEET B-5145

NC GRID
NAD 83/NSRS 2007

BASELINE

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
2	B5145-2	972517.8850	1967403.7650	530.17'	OUTSIDE PROJECT LIMITS	
1	B5145-1	971727.5710	1968070.4930	495.43'	OUTSIDE PROJECT LIMITS	
100	BL-100	971542.1230	1968819.9280	453.12'	OUTSIDE PROJECT LIMITS	
101	BL-101	971454.9250	1969301.4890	420.12'	12+45.53	15.47 RT
102	BL-102	971378.9310	1969705.3030	422.73'	16+57.16	15.66 RT
3	B5145-3	971319.4120	1970064.2570	439.79'	OUTSIDE PROJECT LIMITS	
4	B5145-4	970864.2670	1971399.1220	435.17'	OUTSIDE PROJECT LIMITS	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	971514.053	1969062.704							
LINE			S 79°55'42.4" E	35.85					
PC	971507.783	1969098.005							
CURVE			S 79°36'08.7" E	131.29	00°39'07.5"(RT)	00°29'48.0"	131.29	65.64	11535.75
PT	971484.089	1969227.135							
LINE			S 79°16'35.0" E	462.71					
PC	971397.993	1969681.759							
CURVE			S 77°01'01.8" E	131.03	04°31'06.4"(RT)	03°26'50.8"	131.07	65.57	1661.98
PT	971368.555	1969809.442							
LINE			S 74°45'28.6" E	13.91					
PC	971364.899	1969822.859							
CURVE			S 73°39'57.0" E	138.21	02°11'03.3"(RT)	01°34'48.9"	138.22	69.12	3625.73
PT	971326.028	1969955.493							
LINE			S 72°34'25.3" E	39.55					
POT	971314.185	1969993.225							

BENCHMARKS

TBM1 ELEVATION - 437.93'
N 971314 E 1969994
L STATION 19+53.00
S 59°04'16.3" E DIST 0.43
PK NAIL IN C/L ROAD

TBM2 ELEVATION - 437.69'
N 971562 E 1969105
L STATION 10+33.00 55 LEFT
NAIL IN 8" PINE

TBM3 ELEVATION - 443.35'
N 971358 E 1970101
L STATION 19+53.00
N 67°42'12.9" E DIST 116.27
NAIL IN 10" BIRCH

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "B5145-1"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 971727.5710 (ft) 1968070.493 (ft)
ELEVATION: 495.43'
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99993747
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "" TO -L- STATION IS

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE
GEOID G03NC

NOTES:

1. *THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:*
   HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/

   THE FILES TO BE FOUND ARE AS FOLLOWS:
   B-5145_LS_CONTROL.TXT
   B-5145_LS_CONTROL.TXT

⬢ *INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.*
PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

6/2/99
5/1/2018
$$$$BRGINRING$$$$