

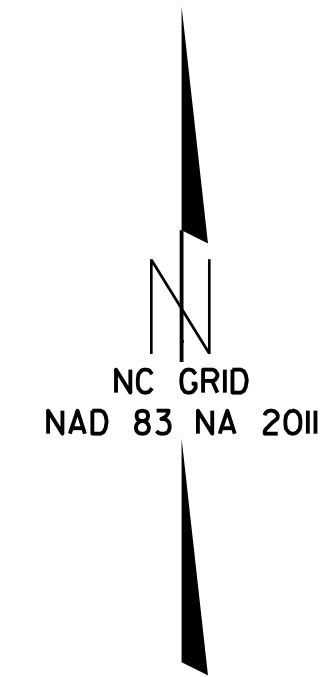
SURVEY CONTROL SHEET B-5534

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. B-5534	SHEET NO. RW02C-2
Location and Surveys	
5310 BARBADOS BLVD., SUITE 102 CASTLE HAYNE, NC 28429	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
BL1	TRV CAP & REBAR		477988.6290	2351720.3930	74.57	BM1 ELEVATION = 70.33
BL2	TRV CAP & REBAR		477993.0060	2352518.2450	76.67	N 477941 E 2352093
BL3	TRV CAP & REBAR		477969.2400	2353417.8260	91.59	NAIL IN 20" OAK
B5534-1	GPS CAP & REBAR		477422.0380	2350470.4770	73.711
B5534-2	GPS CAP & REBAR		477849.6770	2351410.7450	72.902
						BM2 ELEVATION = 79.22
						N 477926 E 2352876
						NAIL IN 16" OAK
					

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	477788.626	2351331.259							
LINE			N 65°29'57.4" E	311.29					
PC	477917.720	2351614.521							
CURVE			N 77°21'51.3" E	342.54	23°43'47.8"(RT)	06°52'41.7"	345.00	175.01	833.00
PCC	477992.651	2351948.764							
CURVE			S 89°27'08.4" E	178.09	02°38'12.8"(RT)	01°28'49.8"	178.11	89.07	3870.00
PT	477990.949	2352126.846							
LINE			S 88°08'02.0" E	1762.34					
POT	477933.560	2353888.249							



MATCHLINE SEE SHEET IC-1

NC II 35.5' BST
S 88°08'02.0" E
1762.337

BM2
N 477925 E 2352875
-BL- STA 16+57.58RT
ELEVATION=79.22'
NAIL IN 16" OAK

BL-3
N 477969.240
E 2353417.826
ELEV. 91.59

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5534-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 477849.677(±ft) EASTING: 2351410.745(±ft) ELEVATION: 72.902(±ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998801414

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5534-2" TO -L- STATION 10+00 IS 552°28'23"W 100.23'

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

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.

REVISIONS

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POT Sta. 35+96.73