PROJECT REFERENCE NO.	SHEET NO.
17BP.8.R.77	IC-1

Location and Surveys

Prepared in the Office of: SUMMIT DESIGN AND ENGINEERING SERVICES
NC FIRM LICENSE Nos P-0339
504 Meadowlands Drive
Hillsborough, NC 27278
(919) 732-3883 - (919) 732-6676 (FAX)

SURVEY CONTROL SHEET 17BP.8.R.77

BL

POINT	DESC.	NORTH	EAST	ELEVATION	EL STATION	OFFSET
101	BL-101	667059.2160	1714871.0450	396.27	10+00.32	15.58 RT
102	BL-102	667330.1320	1714889.6790	387.79	12+70.42	12.09 LT
103	BL-103	667658.8970	1714948.9660	391.69	OUTSIDE PROJECT LIMITS	

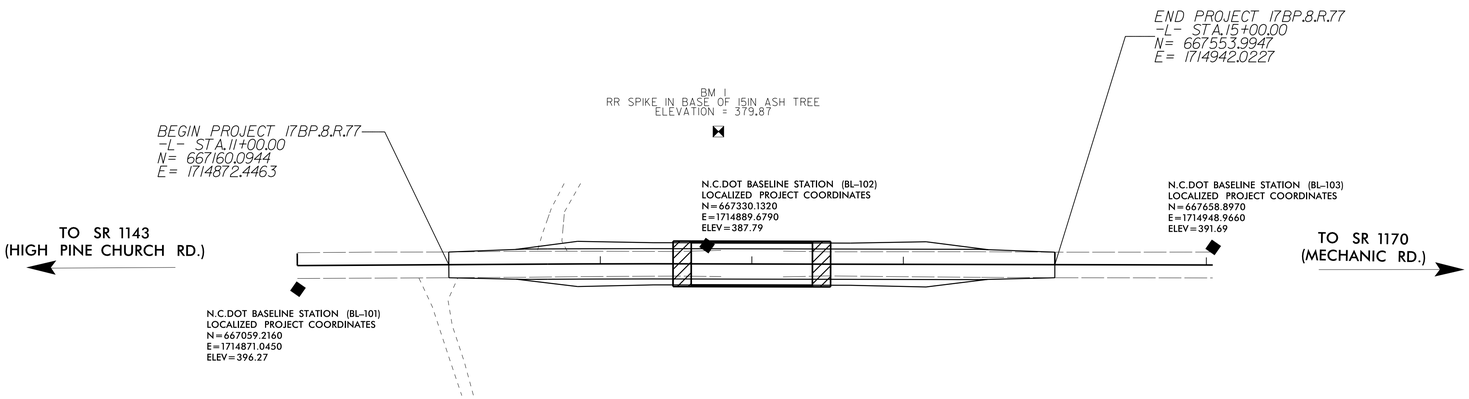
BM1 ELEVATION = 379.87
N 667350.6050 E 1714816.8960
L STATION 12+77.75 87.34 LEFT
RR SPIKE IN BASE OF 15" ASH TREE

ROW MARKER / PERMANENT EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+43.00	-30.00	667306.2592	1714867.2175
L	12+43.00	-35.00	667307.1336	1714862.2943
L	13+54.00	-35.00	667416.4445	1714881.8483
L	13+54.00	-45.00	667418.2063	1714872.0047
L	13+71.00	-45.00	667434.9404	1714874.9997
L	13+71.00	-35.00	667432.2977	1714889.7651
L	12+42.00	30.00	667294.7844	1714926.1185
L	12+42.00	37.00	667293.5609	1714933.0105
L	13+45.00	37.00	667394.9006	1714951.1365
L	13+45.00	43.00	667393.8435	1714957.0427
L	13+68.00	43.00	667416.4838	1714961.0947
L	13+68.00	30.00	667418.7741	1714948.2981

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	667061.5186	1714855.6297
PC	11+65.32	667224.4800	1714883.4302
PT	12+58.02	667307.3827	1714899.3912
POT	16+04.22	667656.5799	1714960.3830



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:
   750232_LS_BASELINE.TXT

   SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

⊗ 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.
NETWORK ESTABLISHED FROM EXISTING HARN MONUMENTATION
SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "750232-1"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 666528.6720(ft) EASTING: 1714747.4830(ft)
ELEVATION: 426.166(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998731232
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "750232-1" TO -L- STATION IS

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

NOTE: DRAWING NOT TO SCALE

REVISIONS

8/17/99

18-AUG-2015 11:42
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