PROJECT REFERENCE NO.	SHEET NO.
R-5709	RW02C-1

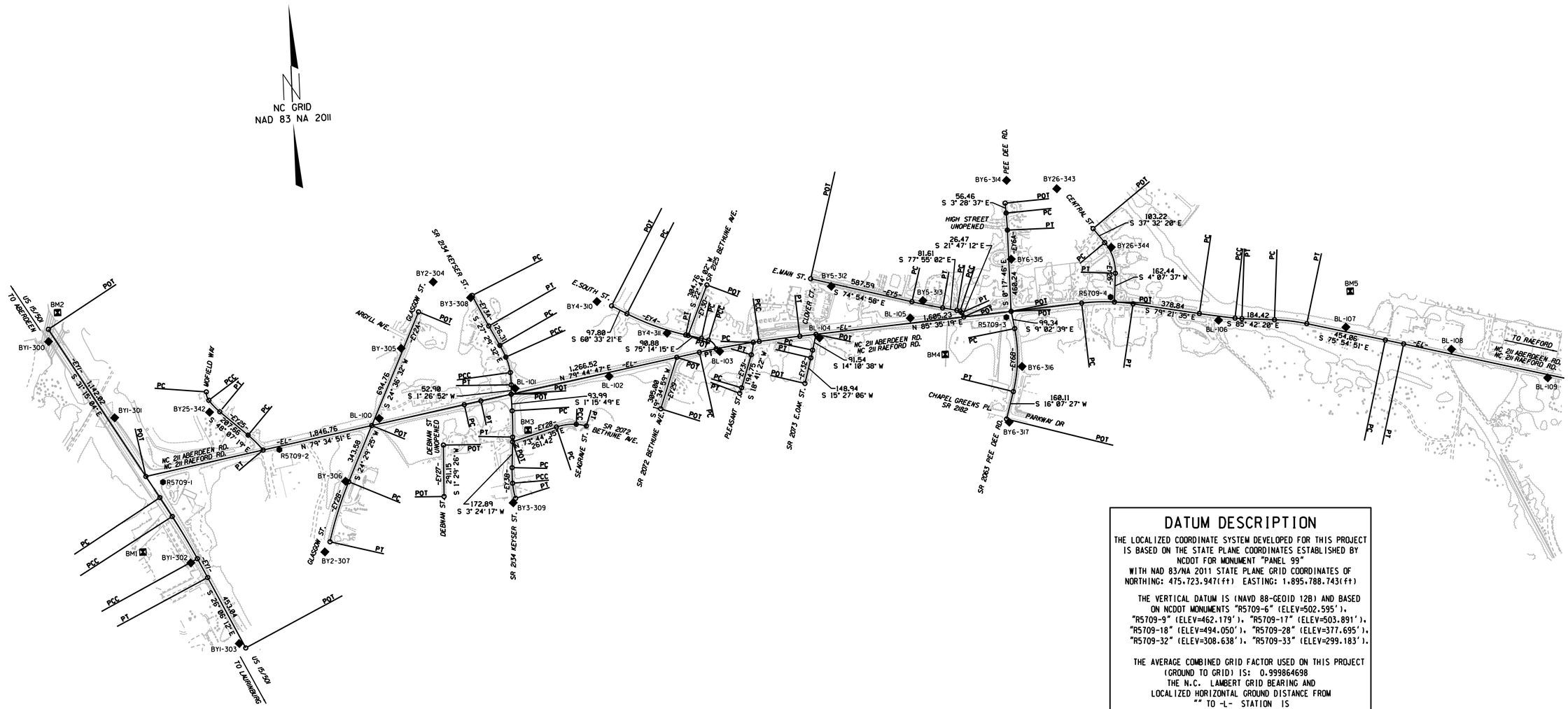
Location and Surveys

CALYX ENGINEERS + CONSULTANTS
6750 TRYON ROAD
CARY, NC 27518
phone: 919.851.1912
CALYXengineers.com
NC License # F-1333

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

DRAWING NOT TO SCALE



SEE SHEET RW02C-7 THRU RW02C-13 FOR FURTHER ALIGNMENT DETAILS

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "PANEL 99"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 475,723.947(ft) EASTING: 1,895,788.743(ft)

THE VERTICAL DATUM IS (NAVD 88-GEOID 12B) AND BASED ON NCDOT MONUMENTS "R5709-6" (ELEV=502.595'), "R5709-9" (ELEV=462.179'), "R5709-17" (ELEV=503.891'), "R5709-18" (ELEV=494.050'), "R5709-28" (ELEV=377.695'), "R5709-32" (ELEV=308.638'), "R5709-33" (ELEV=299.183').

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999864698
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "" TO -L- STATION IS

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES

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.

6/2/99

REVISIONS

14-JAN-2019 08:44
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