

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.
U-5789

SHEET NO.
RW02C-1

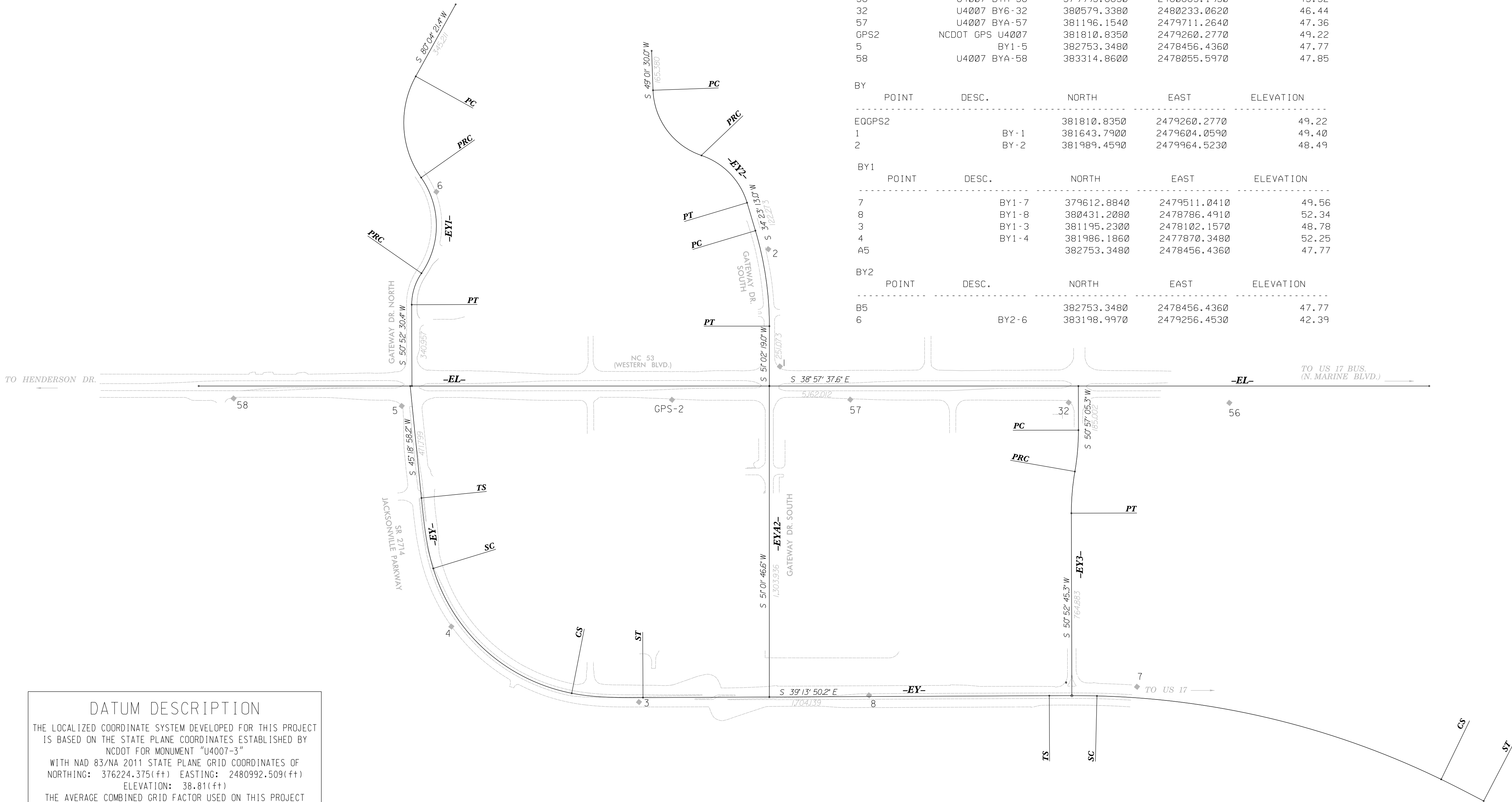
Location and Surveys

DIVISION 2
LOCATION & SURVEYS
2807 NEUSE BLVD.
OFFICE #7
NEW BERN, NC 28562

PROJECT SURVEYOR

02/25/2025

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U4007-3"

WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 376224.375(++) EASTING: 2480992.509(++)
ELEVATION: 38.81(++)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999911272

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U4007-3" TO -L- STATION 13+00.00 IS
N 21° 47' 19.8" W 7556.21'

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

BASELINES

BL	POINT	DESC.	NORTH	EAST	ELEVATION
56	U4007	BYA-56	379993.8630	2480683.1930	45.52
32	U4007	BY6-32	380579.3380	2480233.0620	46.44
57	U4007	BYA-57	381196.1540	2479711.2640	47.36
GPS2	NCDOT	GPS U4007	381810.8350	2479260.2770	49.22
5		BY1-5	382753.3480	2478456.4360	47.77
58	U4007	BYA-58	383314.8600	2478055.5970	47.85

BY	POINT	DESC.	NORTH	EAST	ELEVATION
EQGPS2			381810.8350	2479260.2770	49.22
1		BY-1	381643.7900	2479604.0590	49.40
2		BY-2	381989.4590	2479964.5230	48.49

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
7		BY1-7	379612.8840	2479511.0410	49.56
8		BY1-8	380431.2080	2478786.4910	52.34
3		BY1-3	381195.2300	2478102.1570	48.78
4		BY1-4	381986.1860	2477870.3480	52.25
A5			382753.3480	2478456.4360	47.77

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
B5			382753.3480	2478456.4360	47.77
6		BY2-6	383198.9970	2479256.4530	42.39

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- 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.