PROJECT REFERENCE NO.	SHEET NO.
B-5103	1C-1
Location and Surveys	

SURVEY CONTROL SHEET B-5103

NC GRID NAD 83/NSRS 2007

NOTES:

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

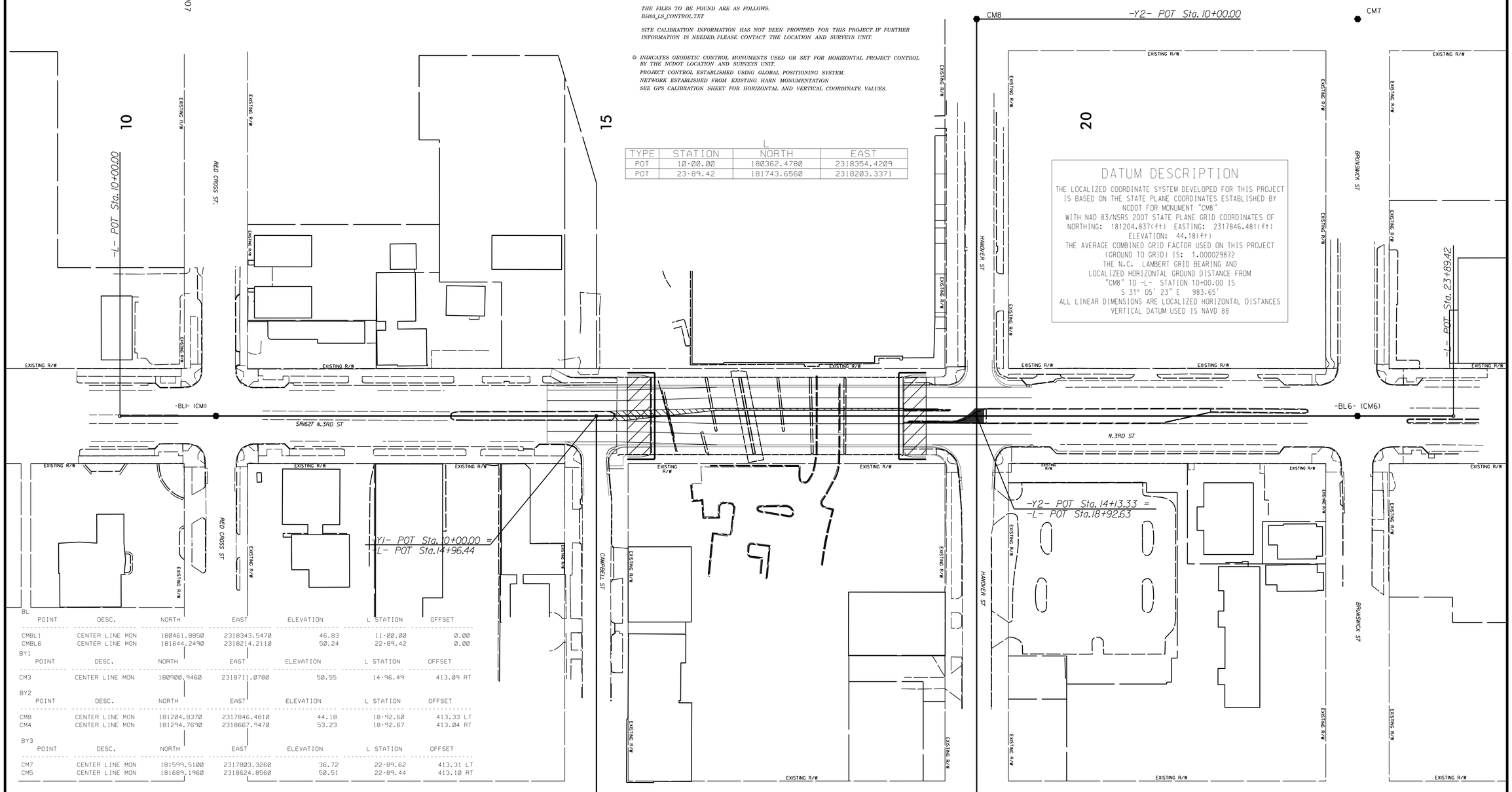
   THE FILES TO BE FOUND ARE AS FOLLOWS:
   B5103_LS_CONTROL.TXT

   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.

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	180362.4780	2318354.4209
POT	23+89.42	181743.6560	2318203.3371



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "CM8"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 181204.837(ft) EASTING: 2317846.481(ft)
ELEVATION: 44.18(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.00002987 2
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "CM8" TO -L- STATION 10+00.00 IS
S 31° 05' 23" E 983.65'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
CMBL1	CENTER LINE MON	180461.8850	2318343.5470	46.83	11+00.00	0.00
CMBL6	CENTER LINE MON	181644.2490	2318214.2110	50.24	22+89.42	0.00

BY1

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
CM3	CENTER LINE MON	180900.9460	2318711.0780	50.55	14+96.49	413.09 RT

BY2

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
CM8	CENTER LINE MON	181204.8370	2317846.4810	44.18	18+92.60	413.33 LT
CM4	CENTER LINE MON	181294.7690	2318667.9470	53.23	18+92.67	413.04 RT

BY3

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
CM7	CENTER LINE MON	181599.5100	2317803.3260	36.72	22+89.62	413.31 LT
CM5	CENTER LINE MON	181689.1960	2318624.8560	50.51	22+89.44	413.10 RT

CM1 ELEVATION = 46.83
N 180462 E 2318344
L STATION 11+00.00 0 RIGHT
CENTER LINE MON. IN CASING

CM2 ELEVATION = 48.63
N 180507 E 2318754
L STATION 11+00.00 413 RIGHT
CENTER LINE MON. IN CASING

CM3 ELEVATION = 50.55
N 180901 E 2318711
L STATION 14+96.00 413 RIGHT
CENTER LINE MON. IN CASING

CM4 ELEVATION = 53.23
N 181295 E 2318668
L STATION 18+93.00 413 RIGHT
CENTER LINE MON. IN CASING

CM5 ELEVATION = 50.51
N 181689 E 2318625
L STATION 22+89.00 413 RIGHT
CENTER LINE MON. IN CASING

CM6 ELEVATION = 50.24
N 181644 E 2318214
L STATION 22+89.00 0 RIGHT
CENTER LINE MON. IN CASING

CM7 ELEVATION = 36.72
N 181600 E 2317803
L STATION 22+90.00 413 LEFT
CENTER LINE MON. IN CASING

CM8 ELEVATION = 44.18
N 181205 E 2317846
L STATION 18+93.00 413 LEFT
CENTER LINE MON. IN CASING

NOTE: DRAWING NOT TO SCALE

6/2/99

17-NOV-2014 15:33
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$$$$USERNAME$$$$