

6/2/99

# SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-5888	SHEET NO. RW02C-2
Location and Surveys	
WETHERILL ENGINEERING 1223 JONES FRANKLIN RD RALEIGH, NC 27606	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		BL-1	659228.5080	815475.7780	2634.69
2		BL-2	659438.2450	815681.8560	2629.02
3		BL-3	659745.7080	815916.0160	2632.38
4		BL-4	659743.7650	816240.4210	2640.15
5		BL-5	659738.9030	816487.1950	2649.40

BY5	POINT	DESC.	NORTH	EAST	ELEVATION
16		BY5-16	660333.5730	815921.8470	2617.95
15		BY5-15	659909.5210	815737.1930	2616.64
14		BY5-14	659761.9510	815565.1110	2624.45
B8		BY2-8	659759.4100	815411.7520	2627.29

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
7		BY1-7	659481.8920	815302.4310	2624.92
6		BY1-6	659393.1030	815564.7590	2628.73
A2		BL-2	659438.2450	815681.8560	2629.02

OFFSITE PRIMARY CONTROL	POINT	DESC.	NORTH	EAST	ELEVATION
101		G101	658367.8250	814621.1980	2656.37
102		G102	658396.5890	814126.4260	2697.91
103		G103	662182.2500	812675.3740	2671.53

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
9		BY2-9	659980.2040	815296.1710	2619.56
8		BY2-8	659759.4100	815411.7520	2627.29
B2		BL-2	659438.2450	815681.8560	2629.02

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 BM1 ELEVATION = 2638.71  
 N 659147 E 815434  
 BL STATION 5+00.00  
 S 27°02'02.2" W DIST 91.59  
 CHISELED 'X' IN NE CORNER ON CONC PAD  
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 BM2 ELEVATION = 2652.64  
 N 659687 E 816545  
 BL STATION 17+52.00  
 S 48°04'55.3" E DIST 78.24  
 BENCHTIE NAIL SET IN 18" SOUR WOOD  
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 BM3 ELEVATION = 2638.16  
 N 659788 E 815125  
 BL STATION 6+53.00 642 LEFT  
 TOP NUT ON FIRE HYDRANT  
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 BM4 ELEVATION = 2613.47  
 N 660405 E 815800  
 BL STATION 11+81.00 670 LEFT  
 BENCHTIE NAIL SET IN 24" LEELAND CYPRUS  
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BY3	POINT	DESC.	NORTH	EAST	ELEVATION
C2		BL-2	659438.2450	815681.8560	2629.02
10		BY3-10	659402.6250	815789.0310	2634.64
11		BY3-11	659578.5610	815935.7600	2651.34
12		BY3-12	659618.0590	816159.7420	2657.14

BY4	POINT	DESC.	NORTH	EAST	ELEVATION
13		BY4-13	659830.4450	815215.2090	2633.06
A8		BY2-8	659759.4100	815411.7520	2627.29
A3		BL-3	659745.7080	815916.0160	2632.38

### 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.

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