GENERAL CIVIL NOTES:

1. THESE NOTES ARE FOR ALL CIVIL/SITE SHEETS.
2. CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION AND SEQUENCING OF DEMOLITION AS DESCRIBED BY THESE DOCUMENTS AND SPECIFICATIONS.
3. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT VIRGINIA DEPARTMENT OF HIGHWAYS AND TRANSPORTATION DESIGN STANDARDS.
4. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES AT HIS OWN INITIATIVE AND EXPENSE.
5. CONTRACTOR SHALL BE RESPONSIBLE TO IMMEDIATELY REPAIR ANY ACTIVE UTILITIES DAMAGED DURING CONSTRUCTION AND TO NOTIFY THE OWNERS REPRESENTATIVE AND ANY APPROPRIATE UTILITY COMPANIES OF THE DAMAGE.
6. ALL MATERIAL GENERATED BY THE DEMOLITION SHALL BE HAULED FROM THE SITE AND DISPOSED OF PER CITY OF ROANOKE REGULATIONS. EXCESS EXCAVATED SOIL SHALL REMAIN ON SITE. REFER TO SOIL HANDLING/GROUNDWATER CONCERNS FOR CONSTRUCTION NOTES THIS SHEET.
7. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK". THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH ALL APPLICABLE MEASURES CONTAINED THEREIN WHICH MAY BE PERTINENT TO THIS PROJECT. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AFTER COMPLETION OF THE PROJECT. MEASURES INDICATED ARE THE MINIMUM, OTHER MEASURES MAY BE REQUIRED BY THE EROSION CONTROL INSPECTOR. CONTRACTOR SHALL FURNISH AND INSTALL ALL MEASURES REQUIRED TO COMPLY WITH APPLICABLE REGULATIONS. REMOVE EROSION CONTROL MEASURES WHEN THE SITE HAS STABILIZED. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS THE FIRST STEP IN GRADING OPERATIONS. SEE SHEET CS002 FOR ADDITIONAL EROSION CONTROL NOTES.
8. ALL WORK SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AND OTHER CRITERIA ADOPTED BY THE CITY OF ROANOKE.
9. NO WORK SHALL COMMENCE ON SITE UNTIL A LAND DISTURBING PERMIT IS ISSUED BY CITY OF ROANOKE.
10. THE LAND DISTURBANCE PERMIT MUST BE KEPT ON SITE AT ALL TIMES AND SHOWN ON DEMAND.
11. THE CITY OF ROANOKE MUST BE NOTIFIED WHEN THE WORK COMMENCES AND WHEN THE PROJECT IS COMPLETE.
12. OTHER WORK (GRADING, EXCAVATING, CONSTRUCTION) ON THE PROJECT SHALL NOT COMMENCE UNTIL THE APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AS SPECIFIED ON THE PLAN.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND LICENSES REQUIRED BY THE STATE OF VIRGINIA, CITY OF ROANOKE, OR OTHER GOVERNING AGENCIES INVOLVED UNDER THIS CONTRACT.
14. APPROPRIATE FENCING AND/OR BARRICADES SHALL BE USED WHEN DEMOLITION OCCURS NEAR PEDESTRIAN WALKWAYS.
15. DIMENSIONS AND COORDINATES SHOWN AT CURB ARE TO FACE OF CURB. SPOT ELEVATIONS SHOWN AT CURB INLETS ARE AT TOP ON INLETS. SPOT ELEVATIONS SHOWN ON DROP INLETS ARE AT TOP OF INLETS.
16. PROVIDE POSITIVE DRAINAGE AT ALL GRADED AREAS.
17. TOTAL DISTURBED AREA IS APPROXIMATELY 3.0 ACRES.
18. BASED ON THE FEMA FLOOD INSURANCE RATE MAP PANEL NO. 51161C0164 G, DATED SEPTEMBER 28, 2007, THE 100 YEAR FLOOD ELEVATIONS AT THE PROJECT LOCATION RANGE FROM 932 TO 933.5. THE 10 YEAR FLOOD ELEVATIONS RANGE FROM 925 TO 926.5.

GENERAL UTILITY NOTES:

1. A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES.
2. UNLESS OTHERWISE NOTED, ALL UTILITY SERVICE LINES AND LATERALS TO BE INSTALLED UNDERGROUND.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL WATER VALVE VAULTS AND SANITARY SEWER MANHOLES AFTER INSTALLATION OF CONSTRUCTION ROAD STABILIZATION AND FINAL GRADING. MANHOLE AND VAULT TOPS SHALL BE ADJUSTED TO FINAL GRADE IF NECESSARY.
4. ALL EXISTING UTILITIES MAY OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH THE PROJECT SPECIFICATIONS AND THE STATE WATER WORKS REGULATIONS WHERE LINES CROSS.
5. CONTRACTOR SHALL BE RESPONSIBLE TO IMMEDIATELY REPAIR ANY ACTIVE UTILITIES DAMAGED DURING CONSTRUCTION AND TO NOTIFY THE OWNERS REPRESENTATIVE AND ANY APPROPRIATE UTILITY COMPANIES OF THE DAMAGE.
6. LENGTHS OF LINES INDICATED ON THE DRAWINGS FOR UTILITY SYSTEMS ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR DETERMINING THE EXACT AMOUNT OF PIPING REQUIRED TO FURNISH A COMPLETE WORKING SYSTEM IN ACCORDANCE WITH THE INTENT OF THE DRAWINGS.
7. TOP OF INLETS SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY EXACT ELEVATION REQUIRED TO ASSURE STRUCTURE HEIGHT COMPLIES WITH THE PURPOSE OF THE STRUCTURE AND CONFORMS WITH ADJACENT FINISHED GRADES.
8. ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT-OF-WAYS SHALL BE COMPACTED ACCORDING TO VDOT STANDARDS.
9. LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.
10. SANITARY SEWER LATERALS FROM MANHOLES SHALL BE PVC OR DUCTILE IRON OF SUFFICIENT LENGTH TO PROVIDE TWO (2) FEET OF BEARING ON NATURAL GROUND. SEE THE PROJECT SPECIFICATIONS.
11. CONTRACTORS SHALL NOTIFY UTILITY COMPANIES OF PROPOSED CONSTRUCTION AT LEAST TWO (2), BUT NOT MORE THAN TEN (10) WORKING DAYS IN ADVANCE. AREA PUBLIC UTILITIES MAY BE NOTIFIED THROUGH "MISS UTILITY": 1-800-552-7001.
12. THE CONTRACTOR SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEM THAT ALL GRADING AND INSTALLATION SHALL CONFORM TO APPROVED PLANS.
13. CONTRACTOR SHALL ADHERE TO WESTERN VIRGINIA WATER AUTHORITY REGULATIONS AND CONSTRUCTION GUIDELINES AND REGULATIONS.
14. WESTERN VIRGINIA WATER AUTHORITY AVAILABILITY NUMBER: 07-194

SOIL HANDLING/GROUNDWATER CONCERNS FOR CONSTRUCTION:

INITIAL SITE ASSESSMENTS AND VOLUNTARY REMEDIATION REPORTS FOR APPLICABLE SITES WITHIN THE RIVERSIDE CORPORATE CENTER WERE PREPARED BY HUGGINS, FAULKNER, & FLYNN (CURRENTLY KNOWN AS FAULKNER & FLYNN). HSMM HAS ACQUIRED THE REPORTS FROM THE ROANOKE REDEVELOPMENT & HOUSING AUTHORITY (RRHA).

HSMM HAS REVIEWED EACH REPORT FOR THE RIVERSIDE CORPORATE CENTER. THE REPORTS INDICATE THE RIVERSIDE CORPORATE CENTER CONSISTS OF FIVE "SITES". THE SITES AND OWNERS ARE AS FOLLOWS:

* SITE 2 – CARILION HEALTH SYSTEMS, INC., ROANOKE CITY MILLS, MR. SAM GOLDEN ESTATE, AND MR. MARK MACON HALL PROPERTIES
* SITE 3 – B&B HOLDINGS PROPERTY (WHICH HOUSES SURFACES, INC.)
* SITE 4 – NORFOLK SOUTHERN RAILWAY COMPANY (NSRC) PROPERTY
* SITE 5 – CONMAT PROPERTIES, LC (WHICH HOUSED ROANOKE CONCRETE SUPPLY)
* PITZER TRANSFER PROPERTY

SITES 2, 3, 4, AND 5 ARE CURRENTLY ENROLLED IN THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ) VOLUNTARY REMEDIATION PROGRAM (VRP).

THE PITZER TRANSFER PROPERTY WAS NOT ENROLLED IN THE VRP. HUGGINS, FAULKNER, & FLYNN DID NOT IDENTIFY ANY POTENTIAL ENVIRONMENTAL ISSUES ON THE SITE.

A SUMMARY OF CONSTRUCTION SAFETY CONCERNS DURING THE CONSTRUCTION OF THE RIVERSIDE CORPORATE CENTER ARE LISTED BELOW. THE LIMITS OF WORK FOR THIS PROJECT ARE WITHIN THE BOUNDS OF SITE 4.

* ALL EXCAVATED SOIL ON SITE 4 WILL NEED TO BE STAGED IN ORDER TO MINIMIZE THE POTENTIAL FOR EROSION AND DUST CONTROL. THE EXCAVATED MATERIAL ON SITE 4 SHALL NOT BE USED AS FILL OUTSIDE OF THE BOUNDARIES OF SITE 4.
* DURING CONSTRUCTION, GROUNDWATER WILL NOT LIKELY BE ENCOUNTERED. IF DEWATERING BECOMES NECESSARY, THE GROUNDWATER SHALL BE COLLECTED AND PROPERLY DISPOSED OFF-SITE. THE GROUNDWATER MAY NOT BE DISCHARGED DIRECTLY TO THE GROUND SURFACE. RISK TO CONSTRUCTION/UTILITY WORKERS COULD BECOME SIGNIFICANT IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION.
* CONSTRUCTION WORKERS SHALL TAKE HEALTH AND SAFETY PRECAUTIONS DURING CONSTRUCTION (E.G., DUST SUPPRESSION AND USE OF PERSONAL PROTECTIVE EQUIPMENT (PPE AS NEEDED) DURING SITE WORK/EXCAVATION PHASES OF CONSTRUCTION.

CITY OF ROANOKE:

ORDINACE NO: 36926-122004

PROFFERED CONDITIONS:

1. THIS REZONING WILL BE SUBJECT TO THE INSTITUTIONAL DEVELOPMENT PLAN SUBMITTED IN CONJUNCTION WITH THIS PETITION, ENTITLED RIVERSIDE CORPORATE CENTRE, ISSUED THE 5TH DAY OF OCTOBER, 2004, WITH A REVISION DATE OF NOVEMBER 24, 2004.
2. THE RIVERSIDE CENTER REZONING IS IN CONFORMITY WITH THE REDEVELOPMENT PLAN FOR THE SOUTH JEFFERSON REDEVELOPMENT AREA WHICH THE ROANOKE CITY COUNCIL HAS CREATED, BY ITS ADOPTION, ON MARCH 19, 2001, OF RESOLUTION NO. 35248-03191, AND BEING SUBSTANTIALLY IN ACCORD WITH CITY'S COMPREHENSIVE PLAN.

GAS INSTALLATION NOTES:

ROANOKE GAS COMPANY RESPONSIBILITIES:

1. ROANOKE GAS COMPANY WILL INSTALL A SERVICE LINE FROM ITS MAIN TO THE BUILDING WALL AT A METER LOCATION AGREED UPON WITH THE PROPERTY OWNER. ROANOKE GAS WILL BE RESPONSIBLE FOR CALLING MISS UTILITY OR USING OTHER MEANS FOR LOCATING UNDERGROUND UTILITY LINES.
2. THE SERVICE LINE MUST BE INSTALLED PRIOR TO EQUIPMENT INSTALLATION SO THAT THE FUEL LINE CAN BE ACCURATELY PLACED. ROANOKE GAS COMPANY REQUIRES AT LEAST A THREE (3) WEEKS NOTICE PRIOR TO HAVING THE SERVICE LINE INSTALLED. SITE GAS LINE PIPING WILL OCCUR DURING CONSTRUCTION OF THIS PACKAGE. HOWEVER, INSTALLATION OF THE METER WILL OCCUR AFTER THE BUILDING FACILITY HAS BEEN SUBSTANTIALLY COMPLETED.

CONTRACTOR RESPONSIBILITIES:

1. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF THE GAS MAIN WITH OTHER UTILITIES.
2. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING GAS LINE INSTALLATION WITH ROANOKE GAS COMPANY AND SHALL COORDINATE CONSTRUCTION SEQUENCING WITH ROANOKE GAS COMPANY AFTER SITE GRADING IS COMPLETED.

SHEET NUMBERING

SHEET NAMES FOR CS-SERIES (PLAN VIEW) SHEETS USE THE CONVENTION IN THE FOLLOWING EXAMPLE:

CS101A
- 101: AREA OF KEY PLAN (SEE BELOW)
- A: CIVIL SHEET TYPE

ZONING NOTES	
PROPOSED DISTRICT DESIGNATION	**INPUD(c)**
GROSS FLOOR AREA (CLINIC) (SF)	**154,000**
BUILDING FOOTPRINT AREA (SF)	**58,622**
NET FLOOR AREA (SF)	**115,500**
TOTAL DEVELOPMENT LOT SIZE (SF)	**126,977**
DEVELOPMENT LOT SIZE (ACRES)	2.915
PAVED AREAS (SF)	**36,700**
LOT COVERAGE (BUILDING)	**46.0%**
DEVELOPMENT USABLE OPEN SPACE	**54.0%**
DEVELOPMENT LOT SIZE	
FLOOR AREA RATIO	**1.21:1**
FRONT SETBACK – RIVERSIDE CIRCLE (FT)	**20**
SIDE SETBACK – S. JEFFERSON ST (FT)	**20**
(31' SETBACK PER WATERLINE MOVEMENT)	
PARKING REQUIREMENTS	
MEDICAL SCHOOL:	NO. SPACES
3 PER CLASSROOM PLUS 1 PER 5	58
FULL-TIME EQUIVALENT STUDENTS	
(4 LECTURE HALLS) (2 LABORATORIES)	
(160-200 STUDENTS)	
RESEARCH INSTITUTE:	NO. SPACES
1 PER EMPLOYEE	273
(42 PRINCIPAL INVESTIGATORS (PI))	
(5 RESEARCHERS WORKING WITH PI'S)	
(21 REMAINING BUILDING PERSONNEL)	
SUBTOTAL	**331**
REDUCTIONS	
REDUCTION (20%) FOR PUBLIC	-66
TRANSPORTATION ROUTE	
TOTAL NO. SPACES REQUIRED	**265**

TOTAL RIVERSIDE CENTER PARKING (INCLUDING THIS PROJECT)	
PARKING REQUIREMENTS (PER BUILDING)	NO. SPACES
CORPORATE OFFICE BUILDING	143
CARILION CLINIC	277
MEDICAL SCHOOL & RESEARCH INSTITUTE	265
SUBTOTAL	**685**
PARKING PROVIDED (RIVERSIDE CENTER)	NO. SPACES
CORPORATE OFFICE BUILDING (UNDER BLDG)	29
CARILION CLINIC (UNDER BLDG)	25
MEDICAL SCHOOL & RESEARCH INSTITUTE (UNDER BLDG)	73
MEDICAL SCHOOL & RESEARCH INSTITUTE (OUTSIDE BLDG)	17
RIVERSIDE CENTER PARKING DECK	1,471
LOT 5 PARKING LOT (FORMER "MOB PARKING LOT")	119
SUBTOTAL	**1,734**

EXISTING STORM SCHEDULE (FROM CALDWELL WHITE ASSOCIATES SURVEY)

(A) GRATE
TOP=925.20
INV 12" OUT=922.60

(B) DI
TOP=926.80
INV 12" IN=922.40
INV 18" OUT=921.20

(C) DI
TOP=926.94
INV 12" OUT=922.94

(D) DI
TOP=926.72
INV 18" IN=921.32
INV 15" IN=921.42
INV 18" OUT=921.12

(E) DI
TOP=926.91
INV 12" OUT=922.01

(F) DI
TOP=926.82
INV 12" IN=921.82
INV 15" OUT=921.72

(G) DI
TOP=926.63
INV 15" IN=921.23
INV 18" OUT=921.13

(H) DI
TOP=926.70
INV 18" IN=921.10
INV 18" OUT=921.00

(J) PIPE END
INV 24"=922.53

(K) SDMH
RIM=927.50
INV 24" IN=921.70
INV 24" IN=921.60

(L) DI
TOP=927.15
INV 24" IN=921.55
INV 24" OUT=921.45

(M) DI
TOP=926.45
INV 18" IN=920.05
INV 24" IN=919.85
INV 30" OUT=919.75

(N) DI
TOP=926.75
INV 15" OUT=922.55

(P) SDMH
RIM=926.81
INV 15" IN=I/A
INV 18" IN=I/A
INV 30" IN=918.51
INV 36" OUT=918.21

(Q) SDMH
RIM=927.60
INV 36" IN=918.20
INV 48" OUT=918.10

(R) SDMH
RIM=926.56
INV 18"(A) IN=920.16
INV 18"(B) IN=917.96
INV 48" IN=917.96
INV 48" OUT=917.86

(S) SDMH
RIM=926.88
INV 48" IN=917.28
INV 42" IN=916.58
INV 18" OUT=916.48

(T) DI
TOP=922.16
INV 15" IN=918.66
INV 15" OUT=918.56

(U) SDMH
RIM=922.31
INV 15" IN=919.31
INV 15" OUT=919.11

(V) SDMH
RIM=922.26
INV 15" IN=919.16
INV 15" IN=919.16
INV 18" OUT=918.96

(W) SDMH
RIM=922.85
INV 18" IN=918.75
INV 30" OUT=917.55

(X) DI
TOP=922.55
INV 15" OUT=919.55

(Y) SDMH
RIM=922.99
INV 15" IN=919.59
INV 30" IN=917.29
INV 42" OUT=917.19

(Z) DI
TOP=923.18
INV 15" OUT=920.28

(AA) SDMH
RIM=923.31
INV 15" IN=919.41
INV 42" IN=917.01
INV 42" OUT=916.91

(BB) GRATE
TOP=926.49
INV 15" OUT=923.89

(CC) SDMH
RIM=927.58
INV 15" IN=923.08
INV 42" IN=916.58
INV 42" OUT=916.48

(DD) GRATE
TOP=924.89
INV 8" OUT=922.49

(EE) GRATE
TOP=925.45
INV 8" IN=924.15
INV 8" OUT=924.05

(FF) GRATE
TOP=926.52
INV 8" IN=923.52
INV 8" OUT=923.42

(GG) GRATE
TOP=927.08
INV 6" TO IN=924.78
INV 6" DI IN=925.18
INV 8" IN=922.38
INV 8" OUT=922.28

(HH) GRATE
TOP=926.35
INV 8" IN=921.85
INV 12" IN=921.75
INV 12" OUT=921.65

(JJ) SDMH
RIM=927.63
INV 12" IN=920.53
INV 12" OUT=920.43
(STRUCTURE NOT IN USE)

(KK) GRATE
TOP=928.32
INV 12" OUT=925.12

(LL) SDMH
RIM=928.12
INV 12" CONC IN=920.72 (PLUGGED)
INV 12" PVC IN=924.22
INV 12" TC IN=920.62
INV 18" OUT=920.52

(MM) SDMH
RIM=926.66
INV 6" IN=923.66
INV 8" OUT=923.06

(NN) DI
TOP=923.31
INV 15" OUT=919.31

(PP) DI
TOP=924.39
INV 15" IN=918.69
INV 15" OUT=918.59

(QQ) DI
TOP=924.41
INV 18" OUT=918.11

(RR) SDMH
RIM=924.33
INV 15" IN=916.63
INV 18" IN=917.63
INV 24" IN=915.83
INV 30" OUT=915.73

(SS) SDMH
RIM=926.92
INV 4" IN=920.02
INV 8" IN=920.02
INV 8" OUT=919.92

SITE WORK LEGEND

NEW	EXISTING	
		BLDG
		CONCRETE CURB
		CONCRETE CURB AND GUTTER
		HEAVY DUTY PAVEMENT
		CONCRETE PAVEMENT
		GRAVEL
CONC WALK	CONC WALK	SIDEWALK
	-X-	FENCE
		SIGN
	⊙	PROPERTY CORNER
		PROPERTY LINE
	△	CONTROL POINT, TRAVERSE POINT
		BENCHMARK
-S-	==8"SS==	SANITARY LINE
-SD-	==8"SD==	STORM LINE
-W-	-W-	WATER LINE
-G-	-G-	GAS LINE
-T-	-T-	UNDERGROUND TELEPHONE LINE
-E-	-E-	UNDERGROUND ELECTRIC LINE
-OHE-	-OHE-	OVERHEAD ELECTRIC LINE
-CATV-	-CATV-	CABLE TELEVISION LINE
-DW-	-DW-	DOMESTIC WATER LINE
-FW-	-FW-	FIRE WATER LINE
-FD-		FOUNDATION DRAIN
		UTILITY EASEMENT
SMH		MANHOLE
CO	OCO	CLEANOUT
DI		CURB/GRATE/DROP INLET
SD	SD	FLARED END SECTION
INV	INV	CULVERT INVERT
W	W	WATER METER
G	G	GAS METER
		FIRE HYDRANT
WV	WV	WATER VALVE
GV	GV	GAS VALVE
PIV	PIV	POST INDICATOR VALVE
ARV		AIR RELEASE VALVE
		LIGHT POLE
		UTILITY POLE
		GUY
		UTILITY POLE, GUY & ANCHOR
		BOLLARD
		LIGHTED BOLLARD
T	T	TELEPHONE PEDESTAL
TB-1	TB-1	TEST BORE
FFE=220.0	FFE=220.0	FINISH FLOOR ELEVATION
220.0	925.00 ×	SPOT ELEVATIONS
-220-	-220-	ELEVATION CONTOUR
		DEMOLITION AND REMOVAL
		DEMOLITION AND REMOVAL
		CENTER OR BASELINE
LW		LIMITS OF WORK
		PROPOSED LIGHT
		PROPOSED LIGHT
T		TELEPHONE MANHOLE
E		ELECTRIC MANHOLE

EROSION AND SEDIMENT CONTROL LEGEND

LW	LW	LIMITS OF WORK
SF	SF	SILT FENCE
	IP	INLET PROTECTION
	TO	TOPSOIL
	MU	MULCH
	TS	TEMPORARY SEEDING
	PS	PERMANENT SEEDING
	B/M	SOIL STABILIZATION AND MATTING
	CRS	CONSTRUCTION ROAD STABILIZATION
	CE	CONSTRUCTION ENTRANCE
	CIP	CULVERT INLET PROTECTION

COORDINATE TABLE

PT NO	NORTHING	EASTING	DESCRIPTION
MH-100	3620411.186	11063113.101	48" MANHOLE
MH-101	3620422.740	11063041.652	48" MANHOLE
MH-102	3620423.705	11063004.365	48" MANHOLE
MH-103	3620439.252	11062908.219	48" MANHOLE
DI-104	3620553.202	11062914.539	DI-2C, L=6', 48" BASE
MH-105	3620711.956	11063144.324	48" MANHOLE
DI-106	3620720.810	11063251.365	DI-1, 48" BASE
DI-200	3620572.899	11062900.973	DI-2C, 48" BASE
DI-201	3620585.126	11062911.019	DI-7, 48" BASE
SSMH-1	3620430.717	11063018.433	48" MANHOLE
SSMH-2	3620413.099	11063127.273	48" MANHOLE
SAMPLING MH	3620048.854	11063021.674	SEE DETAIL CS502
SSMH-3	3620399.352	11063139.760	48" MANHOLE

COORDINATE TABLE

PT NO	NORTHING	EASTING	DESCRIPTION
1	3620406.818	11063206.673	CORNER OF BLDG
2	3620420.012	11063125.082	FACE OF BLDG
3	3620389.203	11063230.423	EDGE SW
4	3620452.295	11062840.27	CORNER SW
5	3620442.177	11062824.833	PC FC
6	3620460.938	11062817.318	PT FC
7	3620497.073	11062843.123	PC FC
8	3620504.991	11062862.105	PT FC
9	3620504.952	11062862.343	PC FC
10	3620499.218	11062866.481	PT FC
11	3620484.411	11062864.086	BEND FC
12	3620542.291	11062907.071	BEND FC
13	3620525.04	11062888.463	PC FC
14	3620534.094	11062886.425	PT FC
15	3620601.343	11062984.075	PC FC
16	3620603.797	11062994.977	PT FC
17	3620687.376	11063115.052	PT FC
18	3620679.781	11063162.018	PC FC
19	3620660.182	11063283.205	BEND FC
20	3620752.848	11063273.887	PC FC
21	3620758.758	11063264.206	PRC FC
22	3620770.054	11063186.74	PT FC
23	3620747.966	11063211.284	PC FC
24	3620718.606	11063215.961	PT FC
25	3620718.497	11063215.28	PC FC
26	3620718.116	11063202.506	PT FC
27	3620720.991	11063173.362	PC FC
28	3620730.085	11063171.017	PT FC
29	3620738.586	11063183.361	PC FC
30	3620746.785	11063203.864	PT FC
31	3620499.639	11062794.079	PC FC
32	3620466.441	11062773.08	PT FC
33	3620465.799	11062772.976	PC FC
34	3620453.387	11062755.768	PT FC

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SEALS

COMMONWEALTH OF VIRGINIA
MARTIN L. CROW
Lic. No. 36331
8/26/08
PROFESSIONAL ENGINEER

CONSULTANT

CONSULTANT

CARILION CLINIC
Virginia Tech
1872

VIRGINIA TECH/CARILION SCHOOL OF MEDICINE AND RESEARCH INSTITUTE
ROANOKE, VIRGINIA

PROJECT CODE: 208-16759

REV	DATE	DESCRIPTION	APP

PROJECT NO: 40080 PROJECT PHASE:
ISSUE DATE: AUGUST 26, 2008
DESIGNED BY: KSH DRAWN BY: MDR
CHECKED BY: MLC SUBMITTED BY: SCG

GENERAL

NOTES, LEGENDS

CS001