



- 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. SURVEY INFORMATION OBTAINED FROM PLAT PREPARED BY T.P. PARKER, DATED MAY 12, 2004, 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.
 7. THE CONTRACTOR SHALL COORDINATE FINISHED PAVEMENT GRADES WITH ELEVATIONS AND LOCATIONS OF EXISTING ROADS AND STREETS.
 8. 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. 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 CD-101 FOR ADDITIONAL EROSION CONTROL NOTES.
 9. ALL WORK SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AND OTHER CRITERIA ADOPTED BY THE CITY OF ROANOKE.
 10. NO WORK SHALL COMMENCE ON SITE UNTIL A LAND DISTURBING PERMIT IS ISSUED BY CITY OF ROANOKE.
 11. THE LAND DISTURBANCE PERMIT MUST BE KEPT ON SITE AT ALL TIMES AND SHOWN ON DEMAND.
 12. THE CITY OF ROANOKE MUST BE NOTIFIED WHEN THE WORK COMMENCES AND WHEN THE PROJECT IS COMPLETE.
 13. 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.
 14. 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.
 15. APPROPRIATE FENCING AND/OR BARRICADES SHALL BE USED WHEN DEMOLITION OCCURS NEAR PEDESTRIAN WALKWAYS.
 16. 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.
 17. 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.
 18. DIMENSIONS AND COORDINATES SHOWN AT CURB ARE TO FACE OF CURB. SPOT ELEVATIONS SHOWN AT CURB INLETS ARE AT TOP ON INLET. SPOT ELEVATIONS SHOWN ON DROP INLETS ARE AT TOP OF INLETS.
 19. PROVIDE POSITIVE DRAINAGE AT ALL GRADED AREAS.
 20. TOTAL DISTURBED AREA IS APPROXIMATELY 7.0 ACRES.

SITE WORK LEGEND

NEW	EXISTING	
[Symbol]	[Symbol]	BLDG
[Symbol]	[Symbol]	CONCRETE CURB
[Symbol]	[Symbol]	CONCRETE CURB AND GUTTER
[Symbol]	[Symbol]	HEAVY DUTY PAVEMENT
[Symbol]	[Symbol]	LIGHT DUTY PAVEMENT
[Symbol]	[Symbol]	CONCRETE PAVEMENT
[Symbol]	[Symbol]	GRAVEL
[Symbol]	[Symbol]	SIDEWALK
[Symbol]	[Symbol]	TREES
[Symbol]	[Symbol]	SHRUBS
[Symbol]	[Symbol]	FENCE
[Symbol]	[Symbol]	WOODS
[Symbol]	[Symbol]	BRUSH
[Symbol]	[Symbol]	GUARDRAIL
[Symbol]	[Symbol]	SIGN
[Symbol]	[Symbol]	BOLLARD
[Symbol]	[Symbol]	PROPERTY CORNER
[Symbol]	[Symbol]	PROPERTY LINE
[Symbol]	[Symbol]	STREAM/WATER
[Symbol]	[Symbol]	DITCH
[Symbol]	[Symbol]	CONCRETE DITCH
[Symbol]	[Symbol]	WETLANDS
[Symbol]	[Symbol]	CONTROL POINT
[Symbol]	[Symbol]	BENCHMARK
[Symbol]	[Symbol]	SANITARY LINE
[Symbol]	[Symbol]	FORCE MAIN
[Symbol]	[Symbol]	STORM LINE
[Symbol]	[Symbol]	WATER LINE
[Symbol]	[Symbol]	GAS LINE
[Symbol]	[Symbol]	TELEPHONE LINE
[Symbol]	[Symbol]	ELECTRIC LINE
[Symbol]	[Symbol]	CABLE TELEVISION LINE
[Symbol]	[Symbol]	STEAM SUPPLY LINE
[Symbol]	[Symbol]	CONDENSATE RETURN LINE
[Symbol]	[Symbol]	UNKNOWN LINE
[Symbol]	[Symbol]	CWR
[Symbol]	[Symbol]	CWS
[Symbol]	[Symbol]	CHILLED WATER RETURN LINE
[Symbol]	[Symbol]	CHILLED WATER SERVICE LINE
[Symbol]	[Symbol]	DOMESTIC WATER LINE
[Symbol]	[Symbol]	FIRE WATER LINE
[Symbol]	[Symbol]	FUEL OIL RETURN
[Symbol]	[Symbol]	FUEL OIL
[Symbol]	[Symbol]	FUEL OIL SUPPLY
[Symbol]	[Symbol]	FOUNDATION DRAIN
[Symbol]	[Symbol]	UTILITY TRENCH
[Symbol]	[Symbol]	UTILITY EASEMENT
[Symbol]	[Symbol]	MANHOLE
[Symbol]	[Symbol]	CLEANOUT
[Symbol]	[Symbol]	CURB/GRATE/DROP INLET
[Symbol]	[Symbol]	ENDWALL/HEADWALL
[Symbol]	[Symbol]	CULVERT
[Symbol]	[Symbol]	FLARED END SECTION
[Symbol]	[Symbol]	CULVERT INVERT
[Symbol]	[Symbol]	WATER METER
[Symbol]	[Symbol]	GAS METER
[Symbol]	[Symbol]	FIRE HYDRANT
[Symbol]	[Symbol]	WATER VALVE
[Symbol]	[Symbol]	GAS VALVE
[Symbol]	[Symbol]	POST INDICATOR VALVE
[Symbol]	[Symbol]	LIGHT POLE
[Symbol]	[Symbol]	UTILITY POLE
[Symbol]	[Symbol]	GUY
[Symbol]	[Symbol]	PEDESTAL
[Symbol]	[Symbol]	TEST BORE
[Symbol]	[Symbol]	FINISH FLOOR ELEVATION
[Symbol]	[Symbol]	SPOT ELEVATIONS
[Symbol]	[Symbol]	ELEVATION CONTOUR
[Symbol]	[Symbol]	DEMOLITION AND REMOVAL
[Symbol]	[Symbol]	DEMOLITION OR BASELINE

1"=40'

40' 20' 0' 40' 80'

GRAPHIC SCALES

SEALS

CONSULTANT

Carilion Health System

HELLMUTH, OBATA + KASSABAUM, INC.

CMC CONSOLIDATION HOSPITAL

ROANOKE, VIRGINIA

HSM

ARCHITECTS

ENGINEERS

PLANNERS

HAYES, SEAY, WATERN & WATERN, INC.

ROANOKE, VA 24018

WWW.HSMVA.COM

(540) 857-3100

REV	DATE	DESCRIPTION
1	10/11/04	VALUE ENGINEERING
2	04/29/05	OWNER REVISIONS
3	08/24/05	OWNER REVISIONS

CIVIL

DRAWING INDEX AND SHEET LAYOUT PLAN

C001