

GENERAL CONSTRUCTION NOTES

ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE.

THE CONTRACTOR IS REQUIRED TO NOTIFY THE CITY OF ROANOKE ENGINEERING DIVISION IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, THE FOLLOWING:

- A. INSTALLATION OF APPROVED EROSION CONTROL DEVICES.
- B. CLEARING AND GRUBBING.
- C. SUBGRADE EXCAVATION.
- D. INSTALLING STORM SEWERS OR CULVERTS.
- E. INSTALLING CURB AND GUTTER FORMS.
- F. PLACING CURB AND GUTTER.
- G. PLACING OTHER CONCRETE.
- H. PLACING GRAVEL BASE.
- I. PLACING ANY ROADWAY SURFACE.
- J. INSTALLING WATER LINES.
- K. INSTALLING SANITARY SEWER LINES.

THE GENERAL CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AT THE JOB SITE. THE POSITION OF THE NEW BUILDING SHALL BE GOVERNED BY THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL PLANS FOR LOCATIONS AND DIMENSIONS OF ALL STRUCTURAL MEMBERS.

ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARKS SHOWN AND SHALL BE VERIFIED BY THE GENERAL CONTRACTOR.

THE SITE WORK CONTRACTOR SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF THE SITE. REFER TO THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION, FOR DETAILS AND SPECIFICATIONS OF THOSE EROSION CONTROL ITEMS FOUND ON THIS DRAWING.

THE SITE SHALL BE CLEARED AND GRUBBED AS REQUIRED WITHIN THE LIMITS OF CONSTRUCTION. ALL DEBRIS SHALL BE REMOVED FROM THE SITE PRIOR TO PLACING ANY FILL. THE CONTRACTOR SHALL SAW-CUT ALL EXISTING PAVEMENT THAT IS TO BE REMOVED AND WHERE NEW CONSTRUCTION JOINS THE EXISTING.

THE CONTRACTOR SHALL PROVIDE ALL SITE GRADING, EXCAVATION, UTILITY TRENCHING & BACKFILLING AND FINISH GRADING AS INDICATED ON THE DRAWINGS. THE WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH VDOT STANDARDS AND SPECIFICATIONS. ALL FILLS AND BACKFILLS SHALL BE UNIFORMLY COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT DATED 5 MAY 2004 BY GEOTECHNICS, INC.

FIELD CONSTRUCTION SHALL HONOR PROPOSED DRAINAGE DIVIDES AS SHOWN ON PLANS.

PAVEMENT SECTIONS ON APPROVED PLANS ARE BASED ON A MINIMUM CBR OF 10. CBR TESTS MAY BE REQUIRED BY THE OWNER. CBR VALUES OF LESS THAN 10 WILL REQUIRE REVISED PAVEMENT SECTIONS.

CONSTRUCTION DEBRIS SHALL BE CONTAINED IN ACCORDANCE WITH THE VIRGINIA LITTER CONTROL ACT. NO LESS THAN ONE LITTER RECEPTACLE SHALL BE PROVIDED ON-SITE.

THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL STORM DRAINAGE PIPES AND STRUCTURES AS INDICATED ON THE PLANS. ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH VDOT STANDARDS AND SPECIFICATIONS.

ALL SPRINGS SHALL BE CAPPED AND PIPED TO THE NEAREST STORM SEWER OR NATURAL WATERCOURSE. THE PIPE SHALL BE A MINIMUM OF 6" DIAMETER AND CONFORM TO VDOT STANDARD SB-1.

THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL PAVEMENT AND CURBING AS INDICATED. MATERIALS AND INSTALLATION SHALL BE IN CONFORMANCE WITH VDOT STANDARDS AND SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL SANITARY SEWER PIPES/STRUCTURES AND WATER LINES AND APPURTANCES AS INDICATED ON THE PLANS. ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH STANDARDS AND SPECIFICATIONS OF THE WESTERN VIRGINIA WATER AUTHORITY.

MEASURES TO CONTROL EROSION AND SILTATION MUST BE PROVIDED FOR PRIOR TO PLAN APPROVAL. PLAN APPROVAL IN NO WAY RELIEVES THE DEVELOPER OR CONTRACTOR OF THE RESPONSIBILITIES CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSURE THAT THE STREETS ARE IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.

THE CONTRACTOR SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEM THAT ALL GRADING AND INSTALLATION SHALL CONFORM TO APPROVED PLANS.

LOCATION OF UNDERGROUND UTILITIES IS BASED ON A FIELD SURVEY, AVAILABLE RECORDS AND AS MARKED BY THE UTILITY LOCATOR SERVICE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.

CONTRACTORS SHALL NOTIFY ALL UTILITIES OF PROPOSED CONSTRUCTION AT LEAST TWO (2) BUT NOT MORE THAN TEN (10) WORKING DAYS IN ADVANCE.

ALL WORK SHALL BE SUBJECT TO INSPECTION BY CITY OF ROANOKE INSPECTORS.

GRADE STAKES SHALL BE SET FOR ALL CURB AND GUTTER, CULVERT, SANITARY AND STORM SEWER.

ALL PARKING LOT STRIPING ON-SITE SHALL BE WHITE STANDARD TRAFFIC PAINT. LINES SHALL BE 4" WIDE, 20' LONG AND ON 9' CENTERS UNLESS OTHERWISE NOTED. ALL OTHER PAVEMENT MARKINGS SHALL BE WITH YELLOW STANDARD TRAFFIC PAINT OR AS NOTED..

ALL NEW SIGNAGE AND LIGHTING ERECTED ON-SITE SHALL CONFORM TO THE CITY OF ROANOKE ZONING ORDINANCE. ALL NEW LIGHTS, DIRECTIONAL SIGNS, AND PRIME SIGN LOCATIONS ARE TO BE VERIFIED BY THE DIRECTOR OF UTILITIES PRIOR TO INSTALLATION.

ENGINEER'S NOTES

CALDWELL WHITE ASSOCIATES ASSUMES NO RESPONSIBILITY FOR ADEQUACY OF PLANS OR FOR INFORMATION ON PLANS UNTIL SUCH PLANS HAVE BEEN APPROVED BY THE REQUIRED PUBLIC AGENCIES.

ANY WORK COMMENCED ON A PROJECT PRIOR TO PLAN APPROVAL IS AT SOLE RISK OF THE DEVELOPER.

CALDWELL WHITE ASSOCIATES DOES NOT GUARANTEE THE COMPLETION OR QUALITY OF PERFORMANCE OF THE CONTRACTS OR THE COMPLETION OR QUALITY OF PERFORMANCE OF CONTRACTS BY SUBCONTRACTORS OR OTHER THIRD PARTIES.

SOURCE OF TOPOGRAPHIC MAPPING IS FIELD SURVEY BY CALDWELL WHITE ASSOCIATES. DATED JUNE 27, 2002.

A BOUNDARY SURVEY HAS NOT BEEN PERFORMED

STANDARD CITY OF ROANOKE CONSTRUCTION PROCEDURE REQUIREMENTS

CITY INSPECTIONS: TO ENSURE THE COORDINATION OF TIMELY AND PROPER INSPECTIONS, A PRECONSTRUCTION CONFERENCE SHALL BE INITIATED BY THE CONTRACTOR WITH THE CITY OF ROANOKE DEVELOPMENT INSPECTION (540) 853-1227 TO ARRANGE A CONFERENCE AT LEAST THREE (3) DAYS PRIOR TO ANTICIPATED CONSTRUCTION.

STREET OPENING PERMIT: PRIOR TO THE COMMENCEMENT OF ANY DIGGING, ALTERATION, OR CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY (STREETS, ALLEYS, PUBLIC EASEMENTS) A STREET OPENING PERMIT SHALL BE APPLIED FOR AND OBTAINED BY THE CONTRACTOR FROM THE CITY OF ROANOKE.

PLANS AND PERMITS: A COPY OF THE PLANS APPROVED BY THE CITY OF ROANOKE (SIGNED BY THE PROPER CITY OFFICIALS) AND ALL PERMITS ISSUED BY THE CITY SHALL BE MADE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES OF ONGOING CONSTRUCTION.

LOCATION OF UTILITIES: THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

CONSTRUCTION ENTRANCE: THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION-RELATED EGRESS FROM THE SITE. THE SIZE AND COMPOSITION OF THE CONSTRUCTION ENTRANCE SHALL BE AS SHOWN ON THE CONSTRUCTION PLANS.

STREETS TO REMAIN CLEAN: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE PUBLIC STREET ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST, AND/OR ANY TYPE OF CONSTRUCTION MATERIALS OR LITTER AT ALL TIMES.

BARRICADES/DITCHES: THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXCAVATED DITCHES AND SHALL FURNISH AND ENSURE THAT ALL BARRICADES PROPER AND NECESSARY FOR THE SAFETY OF THE PUBLIC ARE IN PLACE.

SEWER AND PAVEMENT REPLACEMENT: CONSTRUCTION OF SANITARY SEWERS AND THE REPLACEMENT OF PAVEMENT SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE. AND AS SHOWN ON THESE PLANS.

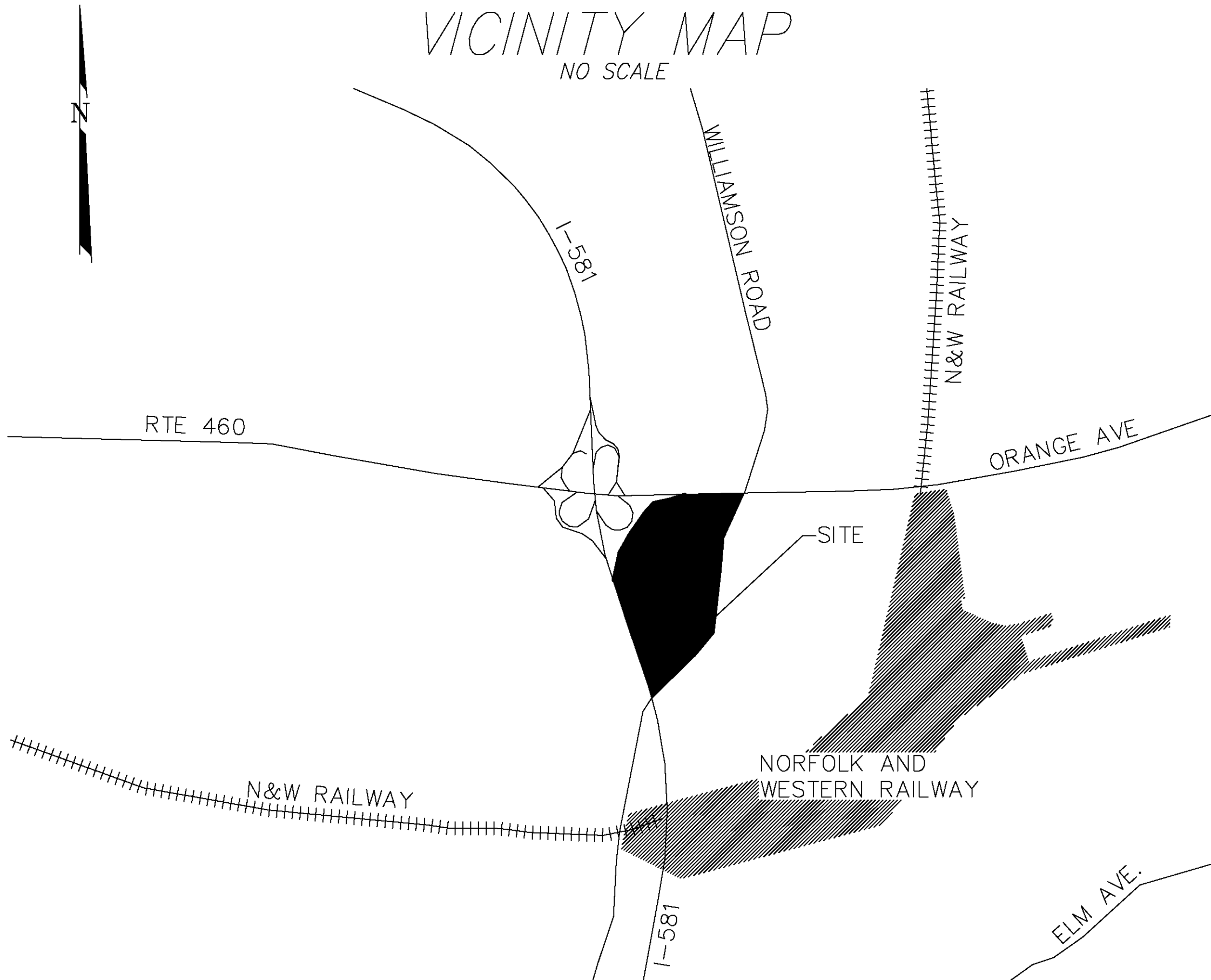
APPROVED PLANS/CONSTRUCTION CHANGES: ANY CHANGE OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO SAID CHANGES OR VARIATIONS ON CONSTRUCTION BEING MADE.

FINAL ACCEPTANCE/CITY: THE CONTRACTOR SHALL FURNISH THE CITY OF ROANOKE ENGINEERING DEPARTMENT WITH A FINAL CORRECT SET OF AS-BUILT PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.

NOTICE: ALL LANDOWNERS, DEVELOPERS, AND CONTRACTORS

FAILURE TO COMPLY WITH THE CONSTRUCTION PROCEDURE REQUIREMENTS LISTED ABOVE MAY RESULT IN THE COSTLY REMOVAL OF STRUCTURES, TIME DELAYS, OR THE ISSUANCE OF A STOP WORK ORDER.

WATERLINE AS-BUILT INFORMATION PROVIDED BY CALDWELL WHITE ASSOCIATES FIELD SURVEYED JANUARY 6, 2006



SHEET #	TITLE
C-1	GENERAL CONSTRUCTION AND SITE NOTES
C-2	DEMOLITION PLAN
C-3	DIMENSIONAL LAYOUT PLAN
C-4	UTILITY LAYOUT
C-4A	WATERLINE PLAN & WWA DETAILS
C-5	SITE GRADING PLAN
C-6	EROSION AND SEDIMENT CONTROL PLAN
C-7	EROSION AND SEDIMENT CONTROL PLAN
C-8	SITE, CONSTRUCTION AND EROSION CONTROL DETAILS
C-9	STORM DRAIN PROFILES
C-10	WATER LINE PROFILES

ANY VARIATION FROM APPROVED PLANS MUST BE APPROVED BY THE CITY OF ROANOKE

LEGEND ABBREVIATIONS			
AHFH	ARROW HEAD TOP OF FIRE HYDRANT	MIN	MINIMUM
APPROX	APPROXIMATE	MON	MONUMENT
ASPH	ASPHALT	NBL	NORTH BOUND LANE
BC	BOTTOM OF CURB	PROP	PROPOSED
BIT	BITUMINOUS	PUE	PUBLIC UTILITY EASEMENT
BLDG	BUILDING	PVMT	PAVEMENT
BLK	BLOCK	R	RADIUS
BM	BENCHMARK	RT	RIGHT
BW	BOTTOM OF WALL	R/W	RIGHT OF WAY
CB	CINDER BLOCK	REQD	REQUIRED
C&G	CURB & GUTTER	RR	RAILROAD
CMP	CORRUGATED METAL PIPE	RYS	REAR YARD SETBACK
CONC	CONCRETE	SAN	SANITARY
COR	CORNER	SBL	SOUTH BOUND LANE
DBL	DOUBLE	SD	STORM DRAIN
DEFL	DEFLECTION	SECT	SECTION
DI	DROP INLET	SE	SLOPE EASEMENT
DIA	DIAMETER	SS	SANITARY SEWER
DE	DRAINAGE EASEMENT	SSE	SANITARY SEWER EASEMENT
EBL	EAST BOUND LINE	STA	STATION
ELEC	ELECTRIC	STD	STANDARD
ELEV	ELEVATION	STO	STORAGE
ENTR	ENTRANCE	SYS	SIDE YARD SETBACK
EP	EDGE OF PAVEMENT	TBM	TEMPORARY BENCHMARK
EW	ENDWALL	TC	TOP OF CURB
EXIST	EXISTING	TEL	TELEPHONE
FDN	FOUNDATION	TRANS	TRANSFORMER
FF	FINISHED FLOOR	TW	TOP OF WALL
FG	FINISH GRADE	TYP	TYPICAL
HPT	HIGH POINT	VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
INV	INVERT	VERT	VERTICAL
IP	IRON PIN	WBL	WEST BOUND LANE
LT	LEFT	YD	YARD
MBL	MINIMUM BUILDING LINE		
MH	MANHOLE		

SYMBOLS		
EXISTING	NEW	
100.5 E	100.5	SPOT ELEVATION
----- 100 -----	100	CONTOURS
=== 8"SS ===	8"SS	SANITARY SEWER LINE
--- 4"W ---	4"W	WATERLINE
=== 8"SD ===		STORM DRAIN
--- 2"G ---	2"G	GAS LINE
--- E ---	E	OVERHEAD ELECTRIC LINE
--- T ---	T	OVERHEAD TELEPHONE LINE
--- CATV ---	CATV	OVERHEAD CABLE TELEVISION LINE
--- UE --- UT ---	UE UT	UNDERGROUND TEL OR ELEC LINE
M	M	WATER OR GAS METER
⊗	⊗	VALVE
⊙ F.H.	⊙ F.H.	FIRE HYDRANT
⊙ C.O.	⊙ C.O.	MANHOLE
⊙	⊙	CLEANOUT
⊙	⊙	DROP INLET (CURB OR GRATE)
⊙	⊙	UTILITY POLE, GUY & ANCHOR
⊙	⊙	CENTERLINE OR BASELINE
⊙	⊙	PROPERTY LINE
⊙	⊙	SURVEY TRAVERSE POINT
⊙	⊙	YARD LIGHTING
⊙	⊙	YARD HYDRANT
⊙	⊙	WELL
⊙	⊙	BENCHMARK
⊙	⊙	FENCE

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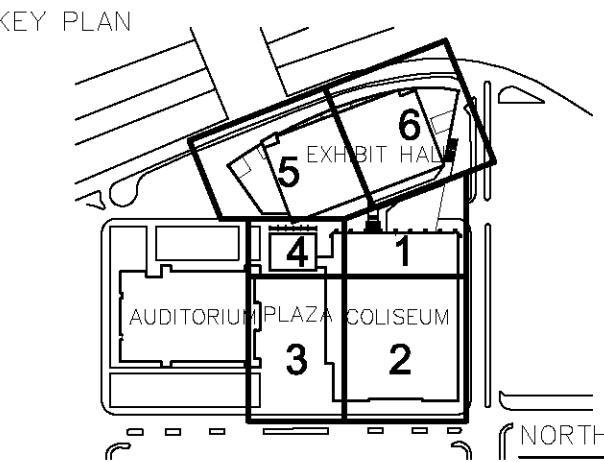
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STAMP

Roanoke Civic Center  
Expansion and  
Renovation- Phase II

ROANOKE  
VIRGINIA CHARTERED 1882

CONSTRUCTION DOCUMENTS



PRINTING AND REVISIONS  
12/ 31/ 03. PRELIMINARY DESIGN  
8/ 21/ 04. 65% CONSTRUCTION DOCUMENTS  
8/ 09/ 04. 95% CONSTRUCTION DOCUMENTS  
10/21/04. 100% CONSTRUCTION DOCUMENTS  
01/23/06. WATERLINE AS-BUILTS

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SHEET TITLE  
GENERAL CONSTRUCTION AND SITE NOTES

SHEET NUMBER  
C-1

SHEET OF

RELEASED FOR CONSTRUCTION