GENERAL NOTES:

1. OWNER/DEVELOPER: COLONIAL GREEN, LC. P.O. BOX 985

BLACKSBURG, VIRGINIA 24060

2. PROJECT LOCATION: 3601 COLONIAL GREEN CIRCLE S.W.

ROANOKE, VIRGINIA 24015

3. TAX PARCEL NUMBER: 1570135

INSTRUMENT NO. 05008998 4. LEGAL REFERENCE: SEE PLAT IN INSTRUMENT NO. 110003725

5. THE TOPOGRAPHY, AS DEPICTED HEREON, IS THE RESULT OF AN ACTUAL FIELD SURVEY CONDUCTED BY GAY AND NEEL, INC.

6. ELEVATIONS AS SHOWN HEREON, ARE BASED ON NAVD 88 VERTICAL DATUM. HORIZONTAL DATUM, AS SHOWN HEREON IS BASED ON THE VIRGINIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 83.

7. CONTOUR INTERVAL=2 FT.

8. PROPERTY LINES, AS SHOWN HEREON, ARE FOR INFORMATIONAL PURPOSES ONLY. NO BOUNDARY SURVEY HAS BEEN PERFORMED AS A PART OF THIS

9. THE SUBJECT PROPERTY DOES NOT LIE WITHIN A F.E.M.A. DESIGNATED 100-YEAR FLOOD HAZARD ZONE. A PORTION OF THE SUBJECT PROPERTY LIES IN "ZONE "X - OTHER FLOOD AREAS", AS DEFINED BY F.E.M.A. & AS SHOWN ON F.I.R.M. MAP NO. 51161C0251G. EFFECTIVE DATE OF SEPTEMBER 28, 2007. THIS DETERMINATION HAS BEEN MADE BY GRAPHIC METHODS ONLY. NO ELEVATION STUDY HAS BEEN PERFORMED AS A PART OF THIS PROJECT.

10. SUBJECT PROPERTY IS SERVED BY PUBLIC WATER, SEWER AND PUBLIC STREETS.

11. A PRE-CONSTRUCTION MEETING WITH THE CITY AND WVWA WILL BE HELD PRIOR

12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET COMPLIANCE REQUIREMENTS WITH SECTION 59.1-406, ET SEQ. OF THE CODE OF VIRGINIA (OVERHEAD HIGH VOLTAGE LINES SAFETY ACT).

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS BEFORE BEGINNING CONSTRUCTION.

14. ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH CITY OF ROANOKE AND WVWA STANDARDS AND SPECIFICATIONS.

15. WATER METER, METER BOX, TAP INTO EXISTING WATERLINE AND TAP INTO EXISTING SEWER LINE SHALL BE DONE BY WVWA PERSONNEL AT OWNER'S EXPENSE. CONTRACTOR SHALL COORDINATE INSTALLATIONS AND REQUIRED

16. ALL UTILITIES WILL BE VISUALLY INSPECTED BY THE CITY'S AND WVWA'S INSPECTOR PRIOR TO BACKFILLING THE TRENCHES, INCLUDING ALL UTILITY

17. ALL UTILITIES TO BE MAINTAINED BY THE WVWA SHALL BE WITHIN DEDICATED RIGHTS-OF-WAY OR EASEMENTS.

18. BACKFLOW PREVENTORS TO BE PROVIDED BY THE OWNER AS REQUIRED BY WVWA CROSS-CONNECTION PROGRAM.

19. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES. VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK.

20. ALL UTILITIES SHALL BE UNDERGROUND INSTALLATION.

21. RIGHT-OF-WAY, LOT LINES AND EASEMENTS ARE DEDICATED ON PLATS SEPARATE FROM THESE PLANS.

22. THE OWNER/DEVELOPER LISTED ABOVE AND ANY SUCCESSIVE LOT OWN DEVELOPING AN INDIVIDUAL LOT SHALL BE SUBJECT TO ALL FEDERAL, STATE AND LOCAL PERMIT REQUIREMENTS.

23. CONSTRUCTION OF ALL UTILITIES TO BE DEDICATED TO WVWA SHALL ADHERE TO WVWA'S SPECIFICATIONS, AND SHALL BE INSPECTED BY THE WVWA PRIOR TO

24. NOTES REGARDING UTILITIES:

GAY AND NEEL, INC. AND THE ENGINEER WHOSE NAME AND SEAL IS AFFIXED HERETO, ASSUMES NO LIABILITY FOR THE LOCATION, INCLUSION, OMISSION, EXISTENCE, OPERATIONS OF, INTERRUPTIONS OF OPERATIONS OR REPAIRS TO ANY UTILITY STRUCTURE OR FACILITY, ABOVE, OR BELOW GROUND, EITHER SHOWN OR NOT SHOWN ON THESE DRAWINGS

LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE APPROXIMATE, BASED ON AVAILABLE SURFACE STRUCTURES. SUCH AS VALVES. MANHOLES, ETC. AND RECORD INFORMATION. UTILITIES WERE LOCATED IN ACCORDANCE WITH CI/ASCE 38-02 (CONSTRUCTION INSTITUTE OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS) QUALITY LEVELS 'C' & 'D', AS SHOWN. DEFINITIONS PER SAID STANDARDS ARE AS FOLLOWS:

UTILITY QUALITY LEVEL 'A': PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES, USUÁLLY AT A SPECIFIC POINT. MINIMALLY INTRUSIVE EXCAVATION EQUIPMENT IS TYPICALLY USED TO MINIMIZE THE POTENTIAL FOR UTILITY DAMAGE. A PRECISE HORIZONTAL AND VERTICAL LOCATION, AS WELL AS OTHER UTILITY ATTRIBUTES, IS SHOWN ON THE PLAN DOCUMENTS. ACCURACY IS TYPICALLY SET TO 15-mm VERTICAL AND TO APPLICABLE HORIZONTAL SURVEY AND MAPPING ACCURACY AS DEFINED OR EXPECTED BY THE PROJECT OWNER.

UTILITY QUALITY LEVEL 'B': INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. QUALITY LEVEL 'B' DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REPRODUCED ONTO PLAN DOCUMENTS.

UTILITY QUALITY LEVEL 'C': INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE—GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY

UTILITY QUALITY LEVEL 'D': INFORMATION DERIVED FROM EXISTING RECORDS

48 HOURS PRIOR TO ANY EXCAVATION BEING CONDUCTED AS A PART OF THIS PROJECT, "MISS UTILITY" MUST BE NOTIFIED BY PHONE AT 1-800-552-7001, OR BY DIALING 811 IN VIRGINIA.

INVERT ELEVATIONS, AS SHOWN HEREON, ARE LISTED IN A CLOCKWISE

DIRECTION FROM THE OUTLET PIPE.

COLONIAL GREEN WATERLINE RELOCATION CITY OF ROANOKE, VIRGINIA

WESTERN VIRGINIA WATER AUTHORITY NOTES:

THE CONTRACTOR SHALL CONTACT THE UTILITY DEPARTMENT AT 853-5700 AT LEAST 3 DAYS PRIOR TO REQUIRING ACTUAL

WATERLINE NOTES

LEGEND:

90.06

1. A MINIMUM COVER OF THREE (3) FEET IS REQUIRED WITH A MAXIMUM OF SIX (6) FEET OVER PROPOSED LINES.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VAULTS AND ADJUSTMENT TO FINAL GRADE IF NECESSARY.

3. ALL EXISTING UTILITIES MAY NOT BE SHOWN, OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.

4. ALL TRENCHES SHALL BE COMPACTED ACCORDING TO WESTERN VIRGINIA WATER AUTHORITY STANDARDS.

5. LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

6. ALL TAPS TO EXISTING TOWN WATER MAINS, WATER METERS, WATER

METER BOX AND OPERATION OF ALL TOWN WATER VALVES, SHALL BE BY TOWN PERSONNEL AT OWNER'S EXPENSE.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF SERVICE PRESSURE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH WVWA

BY CONTRACTOR, WVWA PERSONNEL WILL WITNESS AND SHALL BE PROVIDED WITH TEST RESULTS. FLUSHING AND DISINFECTION SHALL BE PERFORMED BY CONTRACTOR IN ACCORDANCE WITH VIRGINIA HEALTH DEPARTMENT REGULATIONS. 9. EACH JOINT OF PIPE SHALL BE DEFLECTED TO MAINTAIN PROPER

ALIGNMENT. DEFLECTION MUST STAY WITHIN MANUFACTURER'S RECOMMENDATIONS, OTHERWISE AN ELBOW AND THRUST BLOCK SHALL BE

10. CONTRACTOR SHALL COORDINATE LATERAL AND METER INSTALLATIONS AND THE WVWA AND CITY OF ROANOKE SHALL BE NOTIFIED PRIOR TO BEGINNING

WORK. ONLY WVWA PERSONNEL SHALL OPERATE EXISTING VALVES INSTALLATION SHALL BE IN ACCORDANCE WITH WVWA STANDARDS AND SPECIFICATIONS FOR WATERLINE CONSTRUCTIONS, APPROVED BY THE VIRGINIA DEPARTMENT OF HEALTH OFFICE OF DRINKING WATER, AND A COPY OF THESE STANDARDS AND SPECIFICATIONS MUST BE ON SITE AT

13. ALL WATER MAINS SHALL BE WITHIN CITY RIGHT-OF-WAYS OR EASEMENTS. 14. DUCTILE CAST IRON PRESSURE PIPE CONFORMING TO AWWA C151, LATEST

REVISION SHALL BE USED FOR THIS WATERLINE RELOCATION.

PROPOSED 2' CONTOURS

EXISTING SPOT ELEVATION

EXISTING SANITARY SEWER

PROPOSED SPOT ELEVATION

PROPOSED BOTTOM CURB ELEVATION

- PROPERTY LINE

------ 2100 ------ EXISTING 2' CONTOURS

---- PROPOSED SANITARY SEWER

====24"=== EXISTING STORM SEWER

PROPOSED STORM SEWER

LILLING EXISTING BUILDING

------ EXISTING GAS LINE

EXISTING TREELINE

-------OHU------ EXISTING OVERHEAD UTILITY

----- UGE----- EXISTING BURIED ELECTRIC

----- TV ----- EXISTING BURIED CABLE TV LINE

----- TEL ---- EXISTING BURIED TELEPHONE LINE

BENCHMARK LOCATION

EXISTING UTILITY POLE

STORM SEWER STRUCTURE

EXISTING GUY WIRE

EXISTING EDGE OF PAVEMENT

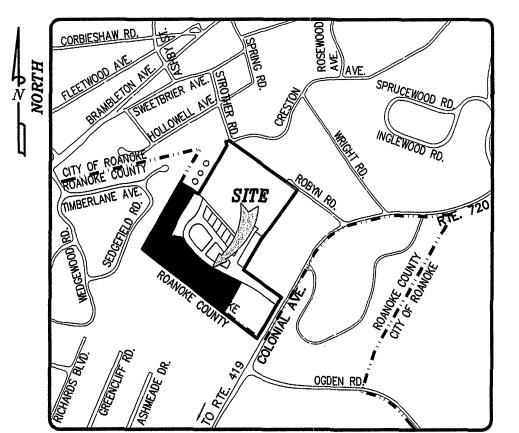
PROPOSED WATERLINE

PROPOSED PAVEMENT

PROPOSED GRAVEL

PROPOSED BUILDING

PROPOSED CONCRETE/SIDEWALK



<u>VICINITY MAP:</u>

Table of Contents		
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0-01	Cover Sheet	
1-01	Waterline Plan & Profile	
1-02	Erosion & Sediment	

Control Plan

l& ESC Details

lMinimum Standards

|Construction Details

SCALE: 1"=±800'

EXISTING TELEPHONE PEDESTA

EXISTING GAS VALVE

EXISTING GAS METER

EXISTING LIGHT POLE

EXISTING FIRE HYDRANT

PROPOSED FIRE HYDRANT

EXISTING WATER VALVE

PROPOSED WATER VALVE

EXISTING WATER METER

PROPOSED WATER METER

EXISTING SEWER CLEANOUT

PROPOSED SEWER CLEANOUT

EXISTING SEWER MANHOLE

PROPOSED SEWER MANHOLE

EXISTING SHRUB

EXISTING TREE

PROPOSED TREE

PROPOSED SIGN

IRON ROD FOUND

PROPERTY CORNER

TO BE REMOVED

SANITARY SEWER STRUCTURE

IRON ROD SET

FENCE POST

BORE HOLE/TEST PIT

EXISTING SIGN

-0 -0 -0 -

-

O IRF

O IRS

• FP

EXISTING WELL

DRILL HOLE

ABBREVIATION LEGEND:

© AT		
A/C AIR CONDITIONER	M.B.L.	MINIMUM BUILDING LINE
AC. ACRE(S)	MAG.	MAGISTERIAL
ALT. ALTERNATE	MAX.	MAXIMUM
APPROX. APPROXIMATE	MB	MAIL BOX
AVG. AVERAGE	MH	MANHOLE
B.M. BENCHMARK	MI.	MILE
BC BOTTOM OF CURB	MIN.	MINIMUM
BLVD. BOULEVARD	MON.	MONUMENT
8SMTBASEMENT STATE OF THE STATE	MOD.	MODIFIED
BW BOTTOM OF WALL	MTL.	METAL
C.F. CUBIC FEET	N.I.C.	NOT IN CONTRACT
C.I. CURB INLET	N/S	NORFOLK & SOUTHERN
C.M.U CONCRETE MASONRY UNIT	N.T.S.	NOT TO SCALE
C.V. CHECK VALVE	N/F	NOW OR FORMERLY
C.Y. CUBIC YARD	NBL	NORTHBOUND LANE
CAL. CALIPER	NO./#	NUMBER
CATVCABLE TELEVISION	O.D.	OUTSIDE DIAMETER
CHD CHORD	O.F.C.I.	OUTSIDE DIAMETER OWNER FURNISHED CONTRACTOR INSTALLED OVERHEAD
CMP CORRUGATED METAL PIPE	ОН	
CO CLEANOUT	OHE	OVERHEAD ELECTRIC
CO. COUNTY	OHP	OVERHEAD ELECTRIC OVERHEAD POWER
CONC. CONCRETE	P.B.	PLAT ROOK
CRK. CREEK D.B. DEED BOOK	P.U.	PUBLIC UTILITY PUBLIC UTILITY AND DRAINAGE EASEMENT PUBLIC UTILITY EASEMENT POLYFITHY ENF
D.B. DEED BOOK	P.U.&D.E.	PUBLIC UTILITY AND DRAINAGE EASEMENT
D.E. DRAINAGE EASEMENT	P.U.E.	PUBLIC UTILITY EASEMENT
D.I. DROP INLET	PE	1 OLICINICENE
D.I.P. DUCTILE IRON PIPE	PED.	PEDESTAL
D.S. DOWN SPOUT	PG.	PAGE
DECID. DECIDUOUS	P.I.V.	POST INDICATOR VALVE
DEG. DEGREES	PROP.	PROPOSED
DET. DETAIL	PSI	POUNDS PER SQUARE INCH
DFC DRAINFIELD CORNER	PVC_	POLYVINYLCHLORIDE
DI DROP INLET	PVMT	PAVEMENT
DIA. DIAMETER	<u>R</u> _	RADIUS
DIST. DISTRICT	R.R.	RAILROAD
DR. DRIVE	R/W	RIGHT-OF-WAY
DWG DRAWNG	RCP	REINFORCED CONCRETE PIPE
DWLGDWELLING	RD.	ROAD
E.G. EDGE OF GRAVEL E.P. EDGE OF PAVEMENT	REF.	REFERENCE
E.P. EDGE OF PAVEMENT	REQ'D	REQUIRED
EA. EACH	RET.	RETAINING
EBL EASTBOUND LANE	REV.	REVISION
ELEV. ELEVATION	RTE.	ROUTE
EOW EDGE OF WATER	RWY.	RAILWAY
ESMT. EASEMENT	S.D.	STORM DRAIN
EVG. EVERGREEN	SDMH	STORM DRAIN MANHOLE SQUARE FEET
EXIST. EXISTING	S.F.	SQUARE FEET
EXT. EXTENSION	SBL	SOUTHBOUND LANE
F.E.M.A. FEDERAL EMERGENCY MANAGEMENT AGENCY	SCH	SCHEDULE
F.H. FIRE HYDRANT	SHT.	SHEET
F.I.R.M. FLOOD INSURANCE RATE MAP	SPEC.	SPECIFICATION
F/L FLOW LINE	SPTK	SEPTIC TANK
FF FINISH FLOOR	SSD	SUB-SURFACE DETENTION
FND FOUND	SS DET.	SUB-SURFACE DETENTION
FR FRAME	SSEW	SANITARY SEWER
FT. FEET	ST.	STREET
G.M. GAS METER	STA.	STATION
GLM GAS LINE MARKER	STD.	STANDARD
G.V. GATE VALVE	STY.	STORY
GNI GAY AND NEEL, INC.	SWME	STORMWATER MANAGEMENT EASEMENT
GPM GALLONS PER MINUTE GRAV. GRAVEL	SWMF	STORMWATER MANAGEMENT FACILITY
	<u>(T)</u>	TOTAL
GRD GROUND GW GUY WIRE	TC	TOP OF CURB/CONCRETE
HP HIGH POINT	TCP	TERRA COTTA PIPE
	TDS	TURNED DOWN SIDEWALK
H.U.D. HOUSING AND URBAN DEVELOPMENT	TEL.	TELEPHONE
H/C HANDICAPPED	TOB	TOP OF BANK
HCR HANDICAPPED RAMP	TOS	TOP OF SLOPE
HDPEHIGH DENSITY POLYETHYLENE PIPE	TW	TOP OF WALL
HR HANDRAIL	TYP.	TYPICAL
HW HEADWALL	U.G.	UNDERGROUND
HYD. HYDRANT	U.P.	UTILITY POLE
I.D. INSIDE DIAMETER	u.s.	UNITED STATES
IN. INCH	VA.	VIRGINIA
INST. INSTRUMENT	VDH_	VIRGINIA DEPARTMENT OF HIGHWAYS
INT. INTERSECTION	VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
INV. INVERT	VESCH	VIRGINIA EROSION & SEDIMENT CONTROL
INVIN INVERT IN	HANDBOOK	
INVout INVERT OUT	W.B.	WILL BOOK
L.F. LINEAR FOOT	W.W.F.	WELDED WIRE FABRIC
LP LIGHT POLE	w/	WITH
L.P. LOW POINT	WBL.	WESTBOUND LANE
L.S.I. LANDSCAPED ISLAND	WM	WATER METER
LB. POUND	WTNK	WATER TANK
M METER	WV.	WATER VALVE
	WW .	WOVEN WIRE
	XFMR '	TRANSFORMER

STANDARD CITY OF ROANOKE **CONSTRUCTION PROCEDURE REQUIREMENTS:**

NOTICE: ALL LANDOWNERS, DEVELOPERS, AND CONTRACTORS
FAILURE TO COMPLY WITH THE CONSTRUCTION PROCEDURE REQUIREMENTS LISTED BELOW MAY RESULT IN THE COSTLY REMOVAL OF STRUCTURES, TIME DELAYS, OR THE ISSUANCE OF A STOP WORK ORDER.

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

2. LAND DISTURBANCE PERMIT - AN APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR ANY BORROW/FILL SITES ASSOCIATED WITH THE PROJECT MUST BE SUBMITTED PRIOR TO

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

CONSTRUCTION ENTRANCE SHALL BE AS SHOWN ON THE PLANS. 6. STREETS TO REMAIN CLEAN - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT THE PUBLIC STREET ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF

MUD. DIRT, DUST, AND/OR ANY TYPE OF CONSTRUCTION MATERIALS CELITTER AT ALL TIMES.

8. <u>SEWER AND PAVEMENT REPLACEMENT</u> - CONSTRUCTION OF SANITARY SEVERS AND THE REPLACEMENT OF PAVEMENT SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE AND THE WESTERN

9. APPROVED PLANS/CONSTRUCTION CHANGES — ANY CHANGE OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE EROSION AND SEDIMENT CONTROL AGENT PRIOR TO SAID CHANGES OF VARIATION IN CONSTRUCTION BEING MADE.

10. FINAL ACCEPTANCE/CITY — THE OWNER OR DEVELOPER SHALL FURNISH THE CITY OF ROANOKE'S PLANNING BUILDING AND DEVELOPMENT DEPARTMENT WITH A FIELD SURVEYED FINAL TO FINAL ACCEPTANCE AND ISSUANCE OF A CERTIFICATE OF OCCUPANCYE E CITY. AS-BUILT PLANS SHALL BE PROVIDED IN THE STATE P'ANE VIRGINIA SOUTH COORDINATE SYSTEM, NAD

CITY OF ROANOKE.

THE ISSUANCE OF A LAND DISTURBANCE PERMIT.

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

5. CONSTRUCTION ENTRANCE - THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION RELATED EGRESS FROM THE SITE. SIZE AND COMPOSITION OF

7. BARRICADES / ITCHES - 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.

VIRGINIA WATER AUTHORITY

CORRECT SET OF AS-BUILT PLANS OF THE NEWLY CONSTRUCTED STORM RAIN AND/OR STORMWATER MANAGEMENT FACILITIES PRIOR 1983. FIPS 4902 FEET, US SURVEY FEET, DATUM NA 83, IN THE FORM OF 1 FAPER COPY AND 1 DIGITAL AUTOCAD FILE.

STANDARD EROSION & SEDIMENT CONTROL NOTES:

ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE <u>VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK</u> AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.

ES-2: THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FNAL INSPECTION.

ES-3: ALL EROSON AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.

ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

ES-5: PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.

ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING

ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING STE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

ES-8: DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

> City of Roanoke Planning Building and Development

DEVELOPMENT PLAN APPROVED

Agent, Planning Commission. Development Engineer_ Zoning Administrator _

Any changes to this approved plan must be coordinated with the Agent to the Planning Commission and revisions approved prior to construction.

THE UNDERSIGNED SHALL SEE THAT THE PROPOSED FACILITY IS CONSTRUCTED ACCORDING TO THESE PLANS.

JOHN T. NEEL 03/09/12

REVISED:

MAR 0 9 2012

DESIGNED/CALC.: CHECKED: DRAWN: SCALE: 02/17/12 DATE:

2160.0

SHEET CO-01