ENGINEERS NOTES

BALZER AND ASSOCIATES, INC. ASSUMES NO RESPONSIBILITY FOR ADEQUACY OF PLANS OR FOR INFORMATION ON PLANS UNTIL SUCH PLANS HAVE BEEN APPROVED BY THE REQUIRED PUBLIC

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

BALZER AND ASSOCIATES, INC. WILL NOT BE RESPONSIBLE FOR THE CONTRACTORS FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE PLANS OR WILL NOT BE RESPONSIBLE FOR ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR THEIR AGENTS OR EMPLOYEES, OR OF ANY OTHER PERSONS PERFORMING PORTIONS OF THE WORK.

SOURCE OF TOPOGRAPHIC MAPPING IS FIELD SURVEY PERFORMED BY BALZER AND ASSOCIATES, INC., DATED 2009 (ON-SITE) AND CITY OF ROANOKE AERIAL MAPPING, DATED APRIL, 1996 (OFF-SITE).

LEGEND

CONCR	ETE ///////	PAVEMENT REPLACEMENT		PAVERS	
ASPHAI	T PAVING	GRAVEL / RIPRAP		- WETLAND AREA	
COLOR DOWN IS AN ALL MAN	11.7.34.W.M.				
	ADJOINER PROPERTY LINE		Т	PROP. TELEPHONE LINE	
	SITE PROPERTY LINE		G	PROP. GAS LINE	
	CENTERLINE OF ROADS		——Р——	PROP. UNDERGROUND POWER	
ОНИ	EXIST. OVERHEAD CABLES	s de la companya de l	8"W	PROP. WATERLINE	
===8"w===	EXIST. WATER LINE	·	 8"SS	PROP. SANITARY SEWER LINE	
===8"ss===	EXIST. SANITARY SEWER			PROP. STORM SEWER LINE	
==18"rcp==	EXIST. STORM SEWER		$\sim\sim$	PROP. TREELINE	
~~~~	EXIST. TREELINE		<u> </u>	BENCHMARK	
	EXIST. EDGE OF PAVEMENT		TC=351.95		
_VVV	WETLAND BOUNDARY		BC=351.45	PROP. TOP & BOTTOM OF CURB	
<i>348.55</i> ×	EXIST. SPOT ELEVATION		348	PROP. CONTOURS	
——— <i>348</i> ———	EXIST. INTERMEDIATE CONTO	OURS	<b>©</b>	TYPICAL YARD HYDRANT	
—— <i>345</i> — —	EXIST. INDEX CONTOURS		<del>-</del>	PROP. FIRE HYDRANT	
<b>Ф</b>	EXIST. POWER POLE		<b>&gt;</b>	PROP. SIAMESE CONNECTION	
t	EXIST. TELEPHONE		×	PROP. YARD LIGHT	
¤	EXIST. LIGHT POLE		•	PROP. GATE VALVE	
	EXIST. FEATURES TO BE RE	MOVED	— x — x —	PROP. FENCE	
—— x ——— x ——	EXIST. FENCE		<i>r</i> ,		

#### ARREVIATIONS

AHFH	ARROW HEAD TOP OF	EW	ENDWALL	SAN	SANITARY
1	FIRE HYDRANT	EXIST	EXISTING	SBL	SOUTH BOUND LANE
APPROX	APPROXIMATE	FDN	FOUNDATION	SD	STORM DRAIN
ASPH	ASPHALT	FF	FINISHED FLOOR	SECT	SECTION
BC	BOTTOM OF CURB	FG	FINISH GRADE	SE	SLOPE EASEMENT
BIT	BITUMINOUS	HOA	HOMEOWNERS ASSOCIATION	SS	SANITARY SEWER
BLDG	BUILDING	HPT	HIGH POINT	SSE	SANITARY SEWER EASEMENT
3LK	BLOCK	INTX	INTERSECTION	STA	STATION
3M	BENCHMARK	INV	INVERT	STD	STANDARD
3W	BOTTOM OF WALL	·IP	IRON PIN	STO	STORAGE
CB	CINDER BLOCK	LT	LEFT	SYS	SIDE YARD SETBACK
&G	CURB & GUTTER	MH	MANHOLE	TBM	TEMPORARY BENCHMARK
MP	CORRUGATED METAL PIPE	MIN	MINIMUM	TBR	TO BE REMOVED
ONC	CONCRETE	MBL	MINIMUM BUILDING LINE	TC	TOP OF CURB
OR	CORNER	MON	MONUMENT	TEL	TELEPHONE
BL	DOUBLE	NBL	NORTH BOUND LANE	TRANS	TRANSFORMER
EFL	DEFLECTION	PROP ·	PROPOSED	TW	TOP OF WALL
1	DROP INLET	PUE	PUBLIC UTILITY EASEMENT	TYP	TYPICAL
)IA	DIAMETER	PVMT	PAVEMENT	VDOT	VIRGINIA DEPARTMENT OF
E	DRAINAGE EASEMENT	R	RADIUS		TRANSPORTATION
LEC	ELECTRIC	RT	RIGHT	VERT	VERTICAL
ILEV	ELEVATION	R.O.W.	RIGHT OF WAY	WBL	WEST BOUND LANE
INTR	ENTRANCE	REQD	REQUIRED	WVWA	WESTERN VIRGINIA
P	EDGE OF PAVEMENT	RR	RAILROAD	•	WATER AUTHORITY
		RYS	REAR YARD SETBACK	YD	YARD



AS BUILTS FOR CVS STORE #7577

# STORE #7577 PLANTATION RD. & PRESTON AVE. ROANOKE, VIRGINIA

#### SHEET INDEX

COVER
GENERAL NOTES
PHASE I ESC PLAN
EXISTING CONDITIONS AND DEMO PLAN
LAYOUT AND UTILITY PLAN
GRADING AND PHASE II ESC PLAN
ESC NOTES AND DETAILS
LANDSCAPE PLAN
STRIPING PLAN
SITE DETAILS I
SITE DETAILS II.
CITY OF ROANOKE DETAILS
WVWA DETAILS
SITE LIGHTING PLAN
SITE LIGHTING DETAILS

## WESTERN VIRGINIA WATER AUTHORITY NOTES

AVAILABILITY No. 10-105

A PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED WITH THE WESTERN VIRGINIA WATER AUTHORITY TO BE HELD AT LEAST ONE (1) DAY PRIOR TO ANY CONSTRUCTION OF THE APPROVED WATER AND SANITARY SEWER FACILITIES.

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES.

ALL SANITARY SEWER AND WATER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VAULTS, MANHOLES, ETC. AFTER PAVING AND ADJUSTING TO FINAL GRADE IF NECESSARY.

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

ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT-OF-WAYS SHALL BE COMPACTED ACCORDING TO CITY OF ROANOKE STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL REFER TO THE WESTERN VIRGINIA WATER AUTHORITY STANDARD WATER AND SEWER REGULATIONS FOR CONSTRUCTION DETAILS AND INSTALLATION METHODS AS REQUIRED TO COMPLETE THE PROPOSED UTILITY FACILITIES AS INDICATED BY THESE DRAWINGS.

FIELD CORRECTIONS SHALL BE APPROVED BY THE WVWA ENGINEERING DIVISION PRIOR TO SUCH CONSTRUCTION.

THE CONTRACTOR SHALL PROVIDE THE WESTERN VIRGINIA WATER AUTHORITY WITH CORRECT AS-BUILT PLANS PRIOR TO SUBSTANTIAL COMPLETION OF ANY NEW PUBLIC EXTENSIONS.

WATER NOTES WATER MAINS SHALL BE MINIMUM CLASS 350 DUCTILE IRON IN ACCORDANCE TO AWWA C151 OR DR-14 PVC IN ACCORDANCE WITH AWWA C-900.

WATER LATERALS FROM THE METER TO THE BUILDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

THE CONSTRUCTION OF THE PROPOSED PUBLIC WATER MAIN AND ALL COMMERCIAL SERVICES SHALL BE IN COMPLIANCE WITH THE CURRENT WESTERN VIRGINIA WATER AUTHORITY REGULATIONS. REFER TO THESE REGULATIONS FOR COMPLETE DETAILS AND INSTALLATION METHODS.

**SEWER NOTES:** COMMERCIAL SANITARY SEWER LATERAL SHALL BE MINIMUM 6" PIPE INSTALLED AT SLOPES AS SHOWN ON THE PLAN.

THE LATERALS AND REQUIRED FITTINGS LOCATED WITHIN A PUBLIC RIGHT-OF-WAY OR PUBLIC EASEMENT SHALL BE OF THE SAME TYPE OF MATERIAL AS THE MAINLINE SEWER PIPE.

THE CONSTRUCTION OF THE PROPOSED PUBLIC SEWER MAIN AND ALL COMMERCIAL SERVICES SHALL BE IN COMPLIANCE WITH THE CURRENT WESTERN VIRGINIA WATER AUTHORITY REGULATIONS, REFER TO THESE REGULATIONS FOR COMPLETE DETAILS AND INSTALLATION METHODS.

ALL SANITARY SEWER PIPING SHALL BE PVC (POLYVINYL CHLORIDE) MANUFACTURED IN ACCORDANCE WITH ASTM DESIGNATION 3034-77 (SDR 35) UNLESS OTHERWISE NOTED ON THE PLANS/PROFILES.

ALL MANHOLE FRAMES AND COVERS SHALL BE WATERTIGHT AND ALL COVERS SHALL BE BOLT-DOWN MANHOLE COVERS (SEE DETAIL S-05 AND S-06) WHERE APPLICABLE.

#### SITE INFORMATION

SITE ADDRESS: 4126 PLANTATION ROAD, NE ROANOKE, VIRGINIA

WALTER T. & MELVA J. HELM 1385 CRUTCHFIELD ST. NW ROANOKE, VA 24019

Contact: DAVID TODD

DEVELOPER: THE REBKEE COMPANY 15871 CITY VIEW DRIVE, SUITE 300 MIDLOTHIAN, VA 23113 Phone: (804) 419-0740

AGENT: BALZER AND ASSOCIATES, INC. 1208 CORPORATE CIRCLE ROANOKE, VIRGINIA 24018 Phone: (540) 772-9580 Contact: CHRIS BURNS

RETAIL PHARMACY WITH DRIVE THRU (RETAIL SALES ESTABLISHMENT, NOT OTHERWISE LISTED IN ZONING TABLE)

CN, COMMERCIAL NEIGHBORHOOD

3190325

TAX PARCEL NO.

SITE AREA: **2.07 ACRES** DISTURBED AREA: APPROX. 2.2 ACRES

PUBLIC PUBLIC

BUILDING AREA/NO. OF STORIES: 11,945 SF / 1-STORY

PARKING: SEE PARKING SUMMARY SHEET C-5

SETBACKS: FRONT: 10' MAXIMUM

> NONE, 10' BUFFER ADJACENT TO RESIDENTIAL NONE. 10' BUFFER ADJACENT TO RESIDENTIAL

MAX. FLOOR AREA RATIO ALLOWED: MAX. LOT COVERAGE ALLOWED:

LOT COVERAGE PROVIDED: APPROX. 61%

MAXIMUM BUILDING HEIGHT ALLOWED:

PROPOSED BUILDING HEIGHT: APPROX. 20'

ZONING NOTES:

1. PER BOARD OF ZONING APPEALS, APPEAL NO. 12-09S-A, A SPECIAL EXCEPTION HAS BEEN GRANTED TO ALLOW A DRIVE-THROUGH FACILITY FOR A PHARMACY ON THIS SITE WITH THE FOLLOWING CONDITION: "THAT THE DRIVE-THROUGH FACILITY ON THE SUBJECT PROPERTY BE DEVELOPED IN SUBSTANTIAL CONFORMITY WITH THE SITE PLAN SUBMITTED WITH THE APPLICATION. PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC., ENTITLED 'CVS/PHARMACY, 11,945 S.F. PROTOTYPE, STORE NUMBER: #7577, INTERSECTION OF PRESTON AVE. & PLANTATION RD.. ROANOKE, VIRGINIA,' DATED OCTOBER 12, 2009.

2. PER BOARD OF ZONING APPEALS, APPEAL NO. 6-10S-A, A SPECIAL EXCEPTION HAS BEEN GRANTED TO ALLOW 30' MAXIMUM DRIVEWAY WIDTHS ON THIS SITE.

#### STANDARD CITY OF ROANOKE CONSTRUCTION PROCEDURE REQUIREMENTS

NOTICE TO 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.

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 CITY OF ROANOKE.

LAND DISTURBANCE PERMIT: AN APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR ANY BORROW/FILL SITES ASSOCIATED WITH THE PROJECT MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A LAND DISTURBANCE PERMIT

PLANS AND PERMITS: A COPY OF THE PLANS AS 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. SIZE AND COMPOSITION OF THE CONSTRUCTION ENTRANCE SHALL BE AS SHOWN ON THE PLANS.

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 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 THE WESTERN VIRGINIA WATER AUTHORITY.

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 OR VARIATION IN CONSTRUCTION BEING MADE.

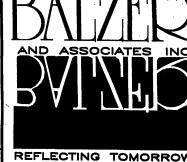
FINAL ACCEPTANCE/CITY: THE OWNER OR DEVELOPER SHALL FURNISH THE CITY OF ROANOKE'S PLANNING BUILDING AND DEVELOPMENT DEPARTMENT WITH A FINAL CORRECT SET OF AS-BUILT PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.



City of Roanoke **Planning Building and Development** 

DEVELOPMENT PLAN APPROVED

The changes to this approved plan must be coordinated with the



www.balzer.cc

**New River Valley** Roanokė Shenandoah Valle

RESIDENTIAL LAND DEVELOPMENT ENGINEER SITE DEVELOPMENT ENGINEERING LAND USE PLANNING & ZONING LANDSCAPE ARCHITECTURE ARCHITECTURE

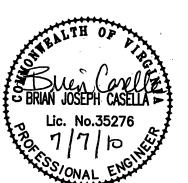
STRUCTURAL ENGINEERING GEOTECHNICAL ENGINEERIN TRANSPORTATION ENGINEERIN ENVIRONMENTAL & SOIL SCIENCE WETLAND DELINEATIONS & STREAM EVALUATIONS

Balzer and Associates, Inc.

1208 Corporate Circle Roanoke, VA 24018

540-772-9580

FAX 540-772-8050



DRAWN BY DESIGNED BY <u>CPB</u> DATE <u>03/17/2010</u>

___N/A **REVISIONS:** 

04/05/2010

SHEET NO.