

ABBREVIATIONS

ABAN	ABANDON, ABANDONED	MECH	MECHANICAL
ABUT	ABUTMENT	MFR	MANUFACTURER
ADJ	ADJACENT	MH	MANHOLE
AGGR	AGGREGATE	MIN	MINIMUM
ANC	ANCHOR	MJ	MECHANICAL JOINT
APPROX	APPROXIMATE	MON	MONUMENT
BIT	BITUMINOUS	MTL	METAL
BJ	BELL JOINT	N & C	NAIL AND CAP
BL	BASE LINE	NIC	NOT IN CONTRACT
BEG	BEGIN, BEGINNING	NO	NUMBER
BLDG	BUILDING	NPW	NON POTABLE WATER
BM	BENCH MARK	NTS	NOT TO SCALE
BSP	BLACK STEEL PIPE	OC	ON CENTERS
BV	BUTTERFLY VALVE	OD	OUTSIDE DIAMETER
BVCE	BEGIN VERTICAL CURVE ELEVATION	PVMT	PAVEMENT
BVCS	BEGIN VERTICAL CURVE STATION	PC	POINT OF CURVE
C & G	CURB & GUTTER	PCC	POINT OF COMPOUND CURVE
CI	CAST IRON	PER	PERIMETER
CL	CENTER LINE	PERF	PERFORATED
CONST	CONSTRUCTION	PERP	PERPENDICULAR
CMP	CORRUGATED METAL PIPE	PI	POINT OF INTERSECTION
CMU	CONCRETE MASONRY UNITS	PL	PLATE, PROPERTY LINE
CND	CONDUIT	POL	POINT ON LINE
CO	CLEANOUT	PT	POINT OF TANGENCY
COMB	COMBINATION	POT	POINT ON TANGENT
CONC	CONCRETE (PORTLAND CEMENT)	PP	POWER POLE
CONN	CONNECT, CONNECTION	PRC	POINT OF REVERSE CURVE
CONTR	CONTRACTOR	PSI	POUNDS PER SQUARE INCH
CONV	CONVEYOR	PT	POINT OF TANGENT
COR	CORNER	PVC	POLYVINYL CHLORIDE
CR STONE	CRUSHED STONE	PVI	POINT OF VERTICAL INTERSECTION
CTR	CENTER	PUE	PUBLIC UTILITY EASEMENT
CULV	CULVERT	R	RADIUS, RISER
D	DEPTH OR DEGREE OF CURVE	RR	RAILROAD
DE	DRAINAGE EASEMENT	RCP	REINFORCED CONCRETE PIPE
DI	DROP INLET, DUCTILE IRON	RD	ROAD
DIA	DIAMETER	RDOR	REDUCER
DIM	DIMENSION	REINF	REINFORCE, REINFORCEMENT
DISC	DISCONNECT	REF	REFERENCE
DMH	DROP MANHOLE	REL	RELOCATED
DN	DOWN	REQD	REQUIRED
DTL	DETAIL	REV	REVISION
DW, D/W	DRIVEWAY	RTE	ROUTE
DWL	DWELLING	RT	RIGHT
DWG	DRAWING	R/W	RIGHT OF WAY
EA	EACH	SS	SANITARY SEWER
E.B.L.	EASTBOUND LANE	SAN	SANITARY
EL. ELEV	ELEVATION	S/W	SIDEWALK
ELEC	ELECTRICAL	SD	STORM DRAIN
ENGR	ENGINEER	SE	SLOPE EASEMENT
ENTR	ENTRANCE	SECT	SECTION
EOL	END OF LINE	SER	SERVICE
EP	EDGE OF PAVEMENT	SH	SHEET
EQ	EQUAL	SPC	SPACE, SPACES
EQPT	EQUIPMENT	SPEC	SPECIFICATION
EVCE	END VERTICAL CURVE ELEVATION	SPECS	SPECIFICATIONS
EVCS	END VERTICAL CURVE STATION	SQ	SQUARE
EW	EACH WAY, ENDWALL	SSTL	STAINLESS STEEL
EXIST	EXISTING	STR	STREET
FES	FLARED END SECTION	STA	STATION
FF	FINISH FLOOR	STD	STANDARD
FFE	FINISHED FLOOR ELEVATION	STL	STEEL
FIG	FIGURE	STRUCT	STRUCTURAL
FL	FLOOR	SUR	SURVEY
FLEX	FLEXIBLE	T & B	TOP AND BOTTOM
FLG	FLANGE	TELE	TELEPHONE
FT	FOOT	TEMP	TEMPORARY
FTG	FOOTING	THK	THICK
FUT	FUTURE	TP	TELEPHONE POLE
GAL	GALLON	TRTD	TREATED
GALV	GALVANIZED	TV	TELEVISION
GAR	GARAGE	TW	TOP OF WALL
GND	GROUND	TYP	TYPICAL
GR	GRAVEL	UG	UNDERGROUND
GOVT	GOVERNMENT	UON	UNLESS OTHERWISE NOTED
GPM	GALLONS PER MINUTE	U.S.C.&G.S	UNITED STATES COAST AND GEODETIC SURVEY
GRTG	GRATING	V. VAL	VALVE, VENT
GV	GATE VALVE	VAR	VARIABLE
H&T	HUB AND TAC	VC	VERTICAL CURVE
HORIZ	HORIZONTAL	VERT	VERTICAL
HPT	HIGH POINT	VESCR	VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS
HYD	HYDRANT	VOL	VOLUME
ID	INSIDE DIAMETER	VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
IN	INCH	V.S.D.	VERTICAL SIGHT DISTANCE
INSUL	INSULATION	W.B.L.	WESTBOUND LANE
INV	INVERT	W	WIDE FLANGE, WIDE, WASTE, WATER
IP	IRON PIN (FOUND OR SET NOTED)	W/	WITH
L	LENGTH, LONG	WL	WATER LINE
LF	LINEAL FOOT	W/O	WITHOUT
LG	LONG	WS	WATER SURFACE
LP	LIGHT POLE	WT	WATERTIGHT, WEIGHT
LR	LONG RADIUS	WVDH	WEST VIRGINIA DEPARTMENT OF HIGHWAYS
LT	LEFT		
MAS	MASONRY		
MATL	MATERIAL		
MAX	MAXIMUM		
MB	MAIL BOX		
MBL	MINIMUM BUILDING LINE		

LEGEND / SYMBOLS

EXISTING	NEW	DESCRIPTION
		BUILDING WITH PORCH OR STOOP FOUNDATION ONLY
		CONTOUR, CONTOUR WITH ELEVATION SPOT ELEVATION
		CONCRETE CURB CONCRETE CURB & GUTTER
		CONCRETE WALK OR SLAB PAVEMENT
		UNPAVED OR GRAVEL ROAD CONSTRUCTION EASEMENT
		PERMANENT EASEMENT TREE LINE
		TREE OR SHRUB FENCE (EXISTING OR PROPOSED NOTED)
		CENTERLINE CREEK, SWALE, DITCH PROPERTY LINE
		CENTERLINE OR BASELINE FIELD SURVEY TRAVERSE POINT
		P.C. OR P.T. GEOLOGIC BORE HOLE
		BENCH MARK (EXISTING OR SET NOTED) STORM DRAIN AND ENDWALL
		SANITARY SEWER FORCE MAIN
		GAS MAIN OR SERVICE LINE WATER MAIN OR SERVICE LINE
		OVERHEAD ELECTRICAL LINE OVERHEAD TELEPHONE LINE
		UNDERGROUND ELECTRICAL LINE UNDERGROUND TELEPHONE LINE
		PIPE FITTINGS FIRE HYDRANT
		GATE VALVE CLEANOUT
		MANHOLE DROP INLET (CURB AND GRATING TYPES)
		WM - WATER METER DWM - DOUBLE WATER METER
		TELEPHONE POLE, GUY AND ANCHOR POWER POLE, GUY AND ANCHOR
		LIGHT POLE TELEPHONE PEDESTAL
		BURIED TELEPHONE VAULT PAVED DITCH
		STORM PIPE (SIZE / TYPE NOTED) CULVERT WITH FLARED END SECTION
		AIR RELEASE VALVE / VAULT ASSEMBLY BLOW OFF VALVE / VAULT ASSEMBLY
		STEEL ENCASEMENT CONCRETE ENCASEMENT
		ABANDON OR REMOVE LIMITS OF CONSTRUCTION

GENERAL NOTES

THE LOCATION OF EXISTING UTILITIES, INCLUDING UNDERGROUND UTILITIES, IS INDICATED ON THE DRAWINGS IN SO FAR AS THEIR EXISTENCE AND LOCATION WERE KNOWN AT THE TIME OF PREPARATION OF THESE DRAWINGS, HOWEVER, NOTHING IN THESE CONTRACT DOCUMENTS SHALL BE CONSTRUED AS A GUARANTEE THAT SUCH UTILITIES ARE IN THE LOCATION INDICATED OR THAT THEY ACTUALLY EXIST OR THAT OTHER UTILITIES ARE NOT WITHIN THE AREA OF OPERATIONS. THE CONTRACTOR SHALL MAKE ALL NECESSARY INVESTIGATIONS TO DETERMINE THE EXISTENCE AND LOCATIONS OF SUCH UTILITIES. THE CONTRACTOR SHALL PAY FOR ANY DAMAGE TO AND FOR MAINTENANCE AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES.

EXISTING WATER LINE LOCATIONS BOTH HORIZONTAL AND VERTICAL ARE APPROXIMATE. THE LOCATION IS NOT THE RESULT OF A FIELD SURVEY.

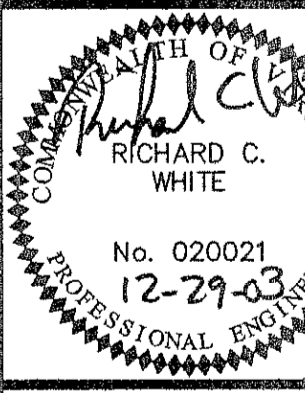
THE CONTRACTOR IS DIRECTED TO DIG AND LOCATE ALL UTILITIES IN ADVANCE OF PIPELAYING TO ALLOW FOR ADJUSTMENTS DUE TO CONFLICTS WITH EXISTING UTILITIES. SHOULD A CONFLICT ARISE THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY.

THE CONTRACTOR IS REQUIRED TO NOTIFY "MISS UTILITY" AT 1-800-552-7001 AT LEAST TWO, BUT NOT MORE THAN TEN, WORKING DAYS IN ADVANCE OF CONSTRUCTION.

KROGER STORE R-375
SITE PLAN
ROANOKE COUNTY, VIRGINIA

UW P.C.
ENGINEERING-ARCHITECTURE-SURVEYING
102 ALBEMARLE AVE., S.E.
ROANOKE, VIRGINIA 24013
(540) 345-0675
FAX (540) 342-4456

NO.	DATE	DESCRIPTION	BY



Designed By	KER
Drawn By	KER
Checked By	RCW
Approved By	RCW
Submitted By	RCW
Drawing	2303CABRV.DWG
Date	07/7/03
Scale	NONE
Commission No.	2303C