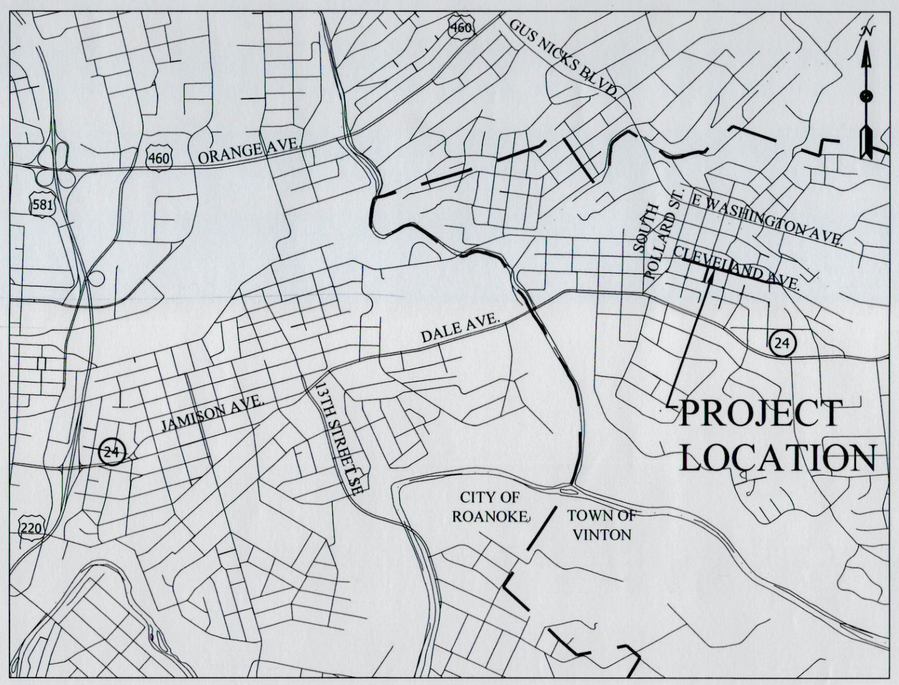
CLEVELAND AVENUE
WATER LINE IMPROVEMENTS
TOWN OF VINTON, VIRGINIA

SHEET NO.	DRAWING NO.	TITLE
1 OF 8	C-1	COVER SHEET
2 OF 8	C-2	GENERAL NOTES AND OVERALL LAYOUT
3 OF 8	C-3	NEW WATER LINE – PLAN AND PROFILE
4 OF 8	C-4	NEW WATER LINE – PLAN AND PROFILE
5 OF 8	C-5	NEW WATER LINE – PLAN AND PROFILE
6 OF 8	C-6	NEW WATER LINE – PLAN AND PROFILE
7 OF 8	C-7	PROJECT DETAILS
8 OF 8	C-8	LANE CLOSURE DETAILS AND NOTES



VICINITY MAP
SCALE: 1" = 2000'

UTILITY CONTACTS:

MISS UTILITY DESIGN TICKET NO.	B513300784–00B
WATER & SEWER:	TOWN OF VINTON CONTACT: (540) 983–0646 (BO HERNDON) IN THE EVENT OF DAMAGE TO UTILITY: (540) 983–0646 (BO HERNDON)
GAS:	ROANOKE GAS COMPANY CONTACT: (540) 777–4427 IN THE EVENT OF DAMAGE TO UTILITY: (540) 777–0623
TELEPHONE/FIBER OPTIC:	VERIZON CONTACT: 1–800–837–4966
ELECTRICITY:	APPALACHIAN POWER CONTACT: 1–800–956–4237
CABLE:	COX COMMUNICATIONS CONTACT: (540) 776–3848

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	FM	FORCEMAIN	RCP	REINFORCED CONCRETE PIPE
AHD	AHEAD	FC	FACE OF CURB	REQ'D	REQUIRED
ARV	AIR RELEASE VALVE	GALV	GALVANIZED	RT	RIGHT
BC	BACK OF CURB	GE	GROUND ELEVATION	R/W	RIGHT OF WAY
BF	BLIND FLANGE	GV	GATE VALVE	SAN	SANITARY SEWER
BFF	BASEMENT FINISHED FLOOR	HB	HORIZONTAL BEND	SBL	SOUTH BOUND LANE
BM	BENCH MARK	HC	HANDICAP	SD	STORM DRAIN
BK	BACK	HDPE	HIGH DENSITY POLYETHELENE	SQ	SQUARE
C/C	CENTER TO CENTER	HK	HOOK	S.S.	STAINLESS STEEL
CG	CURB & GUTTER	HP	HIGH PRESSURE	SSMH	SANITARY SEWER MANHOLE
CIP	CAST IRON PIPE	ID	INNER DIAMETER	STA	STATION
CJ	CONSTRUCTION JOINT	INV	INVERT	STD	STANDARD
℄	CENTER LINE	IPS	IRON PIN SET	STL	STEEL
C.L.	CHAIN LINK	IPF	IRON PIN FOUND	SW	SIDEWALK
CMP	CORRUGATED METAL PIPE	JB	JUNCTION BOX	TBA	TO BE ABANDONED
CO	CLEAN OUT	LAT	LATERAL	TBR	TO BE REMOVED
CONC	CONCRETE	LF	LINEAR FEET	TC	TOP OF CURB
CP	CONTROL POINT	LP	LOW PRESSURE	TYP	TYPICAL
CY	CUBIC YARDS	LT	LEFT	UG	UNDERGROUND
D.I.	DUCTILE IRON	MH	MANHOLE	UON	UNLESS OTHERWISE NOTED
DIA	DIAMETER	NBL	NORTH BOUND LANE	VB	VERTICAL BEND
DIP	DUCTILE IRON PIPE	NIC	NOT IN CONTRACT	VPD	VEHICLES PER DAY
EL	ELEVATION	NTS	NOT TO SCALE	W	WATER LINE
ELEC	ELECTRIC	O.C.	ON CENTER	WL	WATER LINE
EOP	EDGE OF PAVEMENT	PE	POLYETHYLENE	WM	WATER METER
EOTL	EDGE OF TRAVEL LANE	PED	PEDESTRIAN	WT	WATERTIGHT
EQPT	EQUIPMENT	PGL	PROFILE GRADE LINE	WWF	WOVEN WIRE FABRIC
EX OR EXIST	EXISTING	PROP	PROPOSED	YD	YARD DRAIN
FD	FLOOR DRAIN	PS	PLANTED STONE FOUND	YDS	YARDS
FF	FINISHED FLOOR	PVC	POLYVINYL CHLORIDE		
FH	FIRE HYDRANT	PVMT	PAVEMENT		

NOTES:
1. THE SIZE OF THE SYMBOLS MAY VARY FROM THOSE SHOWN.
2. ALL SYMBOLS AND ABBREVIATIONS SHOWN MAY NOT BE USED.

SYMBOL LEGEND

EX.		NEW
	AIR RELEASE VALVE ASSEMBLY	ARV
	BENCHMARK/FFE	
	BLOW OFF ASSEMBLY	BOV
	BOLLARD	
	BUSH	
	CONIFEROUS TREE	
	CONNECTION POINT	
	DECIDUOUS TREE	
	DRAINAGE INLET GRATE	
	FIRE HYDRANT	
	GAS METER	
	GAS VALVE	
	GROUND LIGHT	
	IRON PIN	
	LIGHT POLE	
	MAILBOX	
	MONUMENT FOUND	
	POWER POLE	

SYMBOL LEGEND

EX.		NEW
	ROAD SIGN	
	SANITARY CLEAN OUT	
	SANITARY SEWER MANHOLE	
	SIGN	
	STORM DRAIN MANHOLE	
	TELEPHONE PEDESTAL	
	TELEPHONE POLE	
	TELEPHONE JUNCTION BOX	
	TRAVERSE	
	UTILITY MARKER POST	
	WATER MANHOLE	
	WATER METER	
	WATER VALVE W/ VALVE BOX	
	WATER VALVE W/ VAULT	
	YARD GRATE	
	YARD INLET	

LINETYPE LEGEND

EXISTING		NEW
	PROPERTY LINE	
R/W R/W	RIGHT–OF–WAY	
UGT UGT	UNDER GROUND TELEPHONE	
OHT OHT	OVERHEAD TELEPHONE	
	DITCH CENTER LINE	
	EASEMENT STORM	
	EASEMENT UTILITIES	
	EASEMENT WATER	
	FENCE BARBED WIRE	
	GUARD RAIL	
	FENCE CHAIN LINK	
	FENCE WOOD	
	FENCE WOVEN WIRE	
GAS GAS	UNDER GROUND GAS	
OHE OHE	OVERHEAD ELECTRIC	
UGE UGE	UNDER GROUND ELECTRIC	
	STREAM CENTERLINE	
	PAVEMENT ASPHALT	
	ROAD CENTERLINE	
SAN SAN	SANITARY SEWER	
	STORM SEWER	
500	TOPO MAJOR CONTOUR	
502	TOPO MINOR CONTOUR	
	TREELINE	
OHU OHU	OVERHEAD UTILITY	
UGU UGU	UNDER GROUND UTILITY	
W W	WATER LINE	W W

NO.	SHEET REVISION	BY	DATE	NO.	SHEET REVISION	BY	DATE

PRELIMINARY
NOT FOR CONSTRUCTION

WWA ASSOCIATES
ENGINEERS SURVEYORS PLANNERS
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DESIGNED BY: JMF	PROJECT: CLEVELAND AVENUE WATER LINE IMPROVEMENTS TOWN OF VINTON, VIRGINIA				SET REV. NO. –
DRAWN BY: TGW	TITLE: COVER SHEET				DRAWING NUMBER: C–1
DIHR BY: JAC					SHEET NUMBER: 1 of 8
WWA NUMBER: 215042.03	FILE NAME: 215042.02_CS.dwg	DISCIPLINE: GENERAL	SCALE: H: AS SHOWN V: N/A	DATE: 7–24–15	

M:\215042 Cleveland Avenue – Town of Vinton\PRELIMINARY\215042.02_CS.dwg