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 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.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT EROSION AND SEDIMENTATION FROM THE PROJECT SITE DOES NOT OCCUR. ALL EROSION CONTROL MEASURES SHOWN SHALL BE CONSIDERED THE MINIMUM AS DESCRIBED IN THE VIRGINIA EROSION CONTROL HANDBOOK.

ALL EXISTING WATERLINE SERVICE CONNECTIONS WHETHER SHOWN OR NOT SHALL BE CONNECTED TO THE NEW WATER AFTER THE NEW WATERLINE HAS BEEN PRESSURIZED AND DECHLORINATED.

TRAFFIC BARRICADES SHALL BE ERECTED DURING EXCAVATION AND INSTALLATION OF WATERLINES. VEHICLE TRAFFIC SHALL BE LIMITED TO THE CONTRACTOR, INSPECTOR, AND PERSONNEL NECESSARY TO COMPLETE THE WORK.

THE LOCATION OF THE SANITARY SEWER SERVICE CONNECTIONS AS SHOWN ON THESE CONSTRUCTION PLANS ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD LOCATE AND VERIFY EXACT LOCATION. SOME SERVICE CONNECTIONS MAY NOT BE SHOWN.

ALL CONSTRUCTION SHALL ADHERE TO THE VIRGINIA DEPARTMENT OF TRANSPORTATION <u>VIRGINIA WORK AREA PROTECTION MANUAL</u>, LATEST EDITION.

ABAN	ABANDON OR ABANDONED	MECH	MECHANICAL	EXISTING	<u>NEW</u>	DESCRIPTION
ABUT ADJ	ABUTMENT ADJACENT	MFR MH	MANUFACTURER MANHOLE, MOUNTING HEIGHT	N		
AGGR AHR	AGGREGATE ANCHOR	MIN MJ	MINIMUM MECHANICAL JOINT			BUILDING WITH PORCH OR STOOP
ANC APPROX	ANCHOR APPROXIMATE	MON MTL	MONUMENT METAL			FOUNDATION ONLY
BIT BJ	BITUMINOUS BELL JOINT	N & C NIC	NAIL AND CAP NOT IN CONTRACT	35E	35	CONTOUR, CONTOUR WITH ELEVATION
BL BEG	BASE LINE BEGIN OR BEGINNING	NO NPW	NUMBER NON POTABLE WATER	20.0 E OR +1025.00 E	20.0 E OR X 1025	SPOT ELEVATION
BLDG BM	BUILDING BENCH MARK, BEAM	NTS OC	NOT TO SCALE ON CENTERS			CONCRETE CURB
BSP BV	BLACK STEEL PIPE BUTTERFLY VALVE	OD PC	OUTSIDE DIAMETER POINT OF CURVE			CONCRETE CURB & GUTTER
C & G Cl	CURB AND GUTTER CAST IRON	PCC PER	POINT OF COMPOUND CURVE PERIMETER	199 P. 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Professional Confession Confessio	CONCRETE WALK OR SLAB
CL CONST	CENTER LINE CONSTRUCTION	PERF PERP	PERFORATED PERPENDICULAR			PAVEMENT
CMP CMU	CORRUGATED METAL PIPE CONCRETE MASONRY UNITS	PI PL	POINT OF INTERSECTION PLATE, PROPERTY LINE			UNPAVED OR GRAVEL ROAD
CND CO	CONDUIT CLEANOUT	POL PT	POINT ON LINE POINT OF TANGENCY			CONSTRUCTION EASEMENT
COMB	COMBINATION CONCRETE (PORTLAND CEMENT)	POT PRC	POINT ON TANGENT POINT OF REVERSE CURVE		 	PERMANENT EASEMENT
CONN CONTR	CONNECT, CONNECTION CONTRACTOR	PSI PT	POUNDS PER SQUARE INCH POINT OF TANGENT	\longrightarrow	\bigcirc	TREE LINE
CONV CR STONE	CONVEYOR CRUSHED STONE	PVC PVI	POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION	O OR	O OR A	TREE OR SHRUB
CTR CULV	CENTER CULVERT	PVMT R	PAVEMENT RADIUS, RISER	x x	— x — x –	FENCE (EXISTING OR PROPOSED NOTED
D DI	DEPTH OR DEGREE OF CURVE DROP INLET, DUCTILE IRON	RR RCP	RAILROAD REINFORCED CONCRETE PIPE			CENTERLINE CREEK, SWALE, DITCH
DIA DIM	DIAMETER DIMENSION	RD RDCR	ROAD REDUCER	—— ₧——	── 면──	PROPERTY LINE
DISC DMH	DISCONNECT DROP MANHOLE	REINF REF	REINFORCE, REINFORCEMENT REFERENCE	— € ——	— Q ——— B ——	CENTERLINE OR BASELINE
DN DTL	DOWN DETAIL	REL REQD	RELOCATED REQUIRED		The second secon	LIMIT OF WORK LINE
DWL DWG	DWELLING DRAWING	REV RTE	REVISION ROUTE			FIELD SURVEY TRAVERSE POINT
EA E.B.L.	EACH EASTBOUND LANE	RT R/W	RIGHT RIGHT OF WAY		0	P.O. OR P.T.
EL. ELEV ELEC	ELECTRICAL	S SAN	SANITARY SEWER, SOUTH, STORY, SWITCH SANITARY		igoplus	GEOLOGIC BORE HOLE
ENGR ENTR	ENGINEER ENTRANCE	SD SECT	STORM DRAIN SECTION	SD	SD —	STORM DRAIN AND ENDWALL
EOL EP	END OF LINE EDGE OF PAVEMENT	SER SH	SERVICE SHEET	SS	—— SS ——>	SANITARY SEWER
EQ EQPT	EQUAL EQUIPMENT	SPEC SPECS	SPECIFICATION SPECIFICATIONS	FM	FM=	FORCE MAIN
EW EXIST FES	EACH WAY, ENDWALL EXISTING	SQ SSTL	SQUARE STAINLESS STEEL	G	G	GAS MAIN OR SERVICE LINE
FFE FFE	FLARED END SECTION FINISH FLOOR FINISHED FLOOR ELEVATION	STR STA	STREET STATION	w	W	WATER MAIN OR SERVICE LINE
FIG FL	FIGURE FLOOR	STD STL	STANDARD STEEL	OHE	OHE CONTRACTOR	OVERHEAD ELECTRICAL LINE
FLEX FLG	FLEXIBLE FLANGE	STRUCT SUR	STRUCTURAL SURVEY	UT		UNDERGROUND TELEPHONE LINE
FT FTG	FOOT FOOTING	T & B TDC	TOP AND BOTTOM TURNED DOWN CURB	UE	UE	UNDERGROUND ELECTRICAL LINE
FUT GAL	FUTURE GALLON	TELE TEMP	TELEPHONE TEMPORARY	A	***************************************	PIPE FITTINGS
GALV GAR	GALVANIZED GARAGE	THK TRTD	THICK TREATED			FIRE HYDRANT
GND GR	GROUND GRAVEL	TV TW	TELEVISION TOP OF WALL		- CO	GATE VALVE
GOVT GPM	GOVERNMENT GALLONS PER MINUTE	TYP UG	TYPICAL UNDERGROUND			CLEANOUT
GRTG GV	GRATING GATE VALVE	UON U.S.C.&G.S	UNLESS OTHERWISE NOTED UNITED STATES COAST AND			MANHOLE
HB HOR, HORIZ	HOSE BIBB HORIZONTAL	V. VAL	GEODETIC SURVEY VALVE, VENT		b fi	DROP INLET (CURB AND GRATE TYPES)
HPT HYD	HIGH POINT HYDRANT	VC VERT	VERTICAL CURVE VERTICAL	l 4	ΙΫ́	WM — WATER METER DWM — DOUBLE WATER METER
ID IN	INSIDE DIAMETER INCH	VOL VDOT V.S.D.	VOLUME VIRGINIA DEPARTMENT OF TRANSPORTATION VERTICAL SIGHT DISTANCE		<u> </u>	TELEPHONE POLE OUN AND ANOLIOR
INSUL INV	INSULATION INVERT	W.B.L. W	WESTBOUND LANE WIDE FLANGE, WIDE, WASTE, WATER	Y 	—d	TELEPHONE POLE, GUY AND ANCHOR POWER POLE, GUY AND ANCHOR
IP L	IRON PIN LENGTH, LONG	W/ WL	WITH WATER LINE		—Υ·	LIGHT POLE
LF LG	LINEAL FOOT LONG	W/O WS	WITHOUT WATER SURFACE	<u> </u>	<u>⊤</u>	TELEPHONE PEDESTAL
LP LR	LIGHT POLE LONG RADIUS	WT WVDH	WATERTIGHT, WEIGHT WEST VIRGINIA DEPARTMENT	T	T	BURIED TELEPHONE VAULT
LT MAS	LEFT MASONRY	COR	OF HIGHWAYS CORNER	_		
MATL MAX	MATERIAL MAXIMUM	DW, D/W PP	DRIVEWAY POWER POLE			PAVED DITCH
MB	MAIL BOX	TP S/W	TELEPHONE POLE SIDEWALK			STORM PIPE (SIZE / TYPE NOTED)
		٥, ١١				CULVERT WITH FLARED END SECTION
				-n- ^	-n- ^	
				PROFILE PLAN	PROFILE PLAN	AIR RELEASE VALVE / VAULT ASSEMBL
				PROFILE PLAN	PROFILE PLAN	BLOW OFF VALVE / VAULT ASSEMBLY
				- William FEAR	THOUSE PLAN	STEEL ENCASEMENT
				4 4		CONCRETE ENCASEMENT
					- 	ABANDON OR REMOVE

WATER CEMENT RO 0 Д FRANK RE Drawing 1497ABBR.DWG Commission No. 1497

RECORD DRAWINGS 5/27/99

PROJECT

MAIN

VIRGIN]