STEEL ENCASEMENT

CONCRETE ENCASEMENT

ABANDON OR REMOVE

LIMITS OF CONSTRUCTION

-E===3-

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.

UTILITY NOTES: CURB AND GUTTER, PAVEMENTS, AND SIDEWALK THAT HAVE TO BE TRENCHED TO INSTALL WATER OR SEWER, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

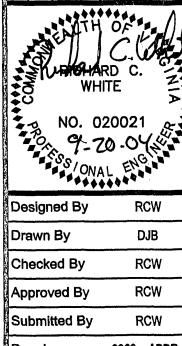
ABAN ABUT	ABANDON, ABANDONED ABUTMENT	MECH MFR	MECHANICAL MANUFACTURER	EXISTING	<u>NEW</u>	DESCRIPTION
ADJ	ADJACENT	MH	MANHOLE		[]	
AGGR ANC	AGGREGATE ANCHOR	NIM LM	MINIMUM MECHANICAL JOINT			BUILDING WITH PORCH OR STOOP
APPROX BIT	APPROXIMATE BITUMINOUS	MON MTL	MONUMENT METAL			FOUNDATION ONLY
BJ	BELL JOINT	N & C	NAIL AND CAP		35	CONTOUR, CONTOUR WITH ELEVATION
BL BEG	BASE LINE BEGIN, BEGINNING	NIC NO	NOT IN CONTRACT NUMBER	T OF OF	*	·
BLDG BM	BUILDING BENCH MARK	NPW NTS	NON POTABLE WATER NOT TO SCALE	20.0 E OR *10.00	20.0 E OR X 1025	SPOT ELEVATION
BSP	BLACK STEEL PIPE	OC	ON CENTERS	pindiga tir hydrigas verbegari tayangan dipindira distribus punyakan distribus dipindira semenan angganga dipindira ya unipi punkann		CONCRETE CURB
BV BVCE	BUTTERFLY VALVE BEGIN VERTICAL CURVE ELEVATION	OD PVMT	OUTSIDE DIAMETER PAVEMENT	Annual Agents before the control of		CONCRETE CURB & GUTTER
BVCS	BEGIN VERTICAL CURVE STATION	PC	POINT OF CURVE			CONCRETE WALK OR SLAB
C & G CI	CURB AND GUTTER CAST IRON	PCC PER	POINT OF COMPOUND CURVE PERIMETER		W W	PAVEMENT
CL CONST	CENTER LINE CONSTRUCTION	PERF PERP	PERFORATED PERPENDICULAR			
CMP	CORRUGATED METAL PIPE	PI ·	POINT OF INTERSECTION			UNPAVED OR GRAVEL ROAD
CMU CND	CONCRETE MASONRY UNITS CONDUIT	PL POL	PLATE, PROPERTY LINE POINT ON LINE		Personal Personal Indicated September 1	CONSTRUCTION EASEMENT
COMB	CLEANOUT COMBINATION	PT POT	POINT OF TANGENCY			PERMANENT EASEMENT
CONC	CONCRETE (PORTLAND CEMENT)	PP	POINT ON TANGENT POWER POLE	\bigcirc	$\sim\sim$	TREE LINE
CONN CONTR	CONNECT, CONNECTION CONTRACTOR	PRC PSI	POINT OF REVERSE CURVE POUNDS PER SQUARE INCH	O OR	Or	TREE OR SHRUB
CONV COR	CONVEYOR CORNER	PT PVC	POINT OF TANGENT		(Ca	
CR STONE	CRUSHED STONE	PΜ	POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION	A management X and	· X -	FENCE (EXISTING OR PROPOSED NOTED)
CTR CULV	CENTER CULVERT	PUE R	PUBLIC UTILITY EASEMENT RADIUS, RISER			CENTERLINE CREEK, SWALE, DITCH
D DE	DEPTH OR DEGREE OF CURVE DRAINAGE EASEMENT	RR RCP	RAILROAD	—— g ——	—— P——	PROPERTY LINE
DI	DROP INLET, DUCTILE IRON	RD	REINFORCED CONCRETE PIPE ROAD	<u>— Ç —— Ę ——</u>	<u> — Ф —— В ——</u>	CENTERLINE OR BASELINE
DIA DIM	DIAMETER DIMENSION	RDCR REINF	REDUCER REINFORCE, REINFORCEMENT			
DISC DMH	DISCONNECT DROP MANHOLE	REF	REFERENCE	\triangle	Δ	FIELD SURVEY TRAVERSE POINT
DN	DOWN	REL REQD	RELOCATED REQUIRED	\circ	0	P.C. OR P.T.
DTL DW, D/W	DETAIL DRIVEWAY	REV RTE	REVISION ROUTE	\oplus	•	GEOLOGIC BORE HOLE
DWL	DWELLING	RT	RIGHT	\bigoplus	•	BENCH MARK (EXISTING OR SET NOTED)
DWG EA	DRAWING EACH	R/W SS	RIGHT OF WAY SANITARY SEWER	Ψ	V	BENCH MARK (EXISTING OR SET NOTED)
E.B.L. EL. ELEV	EASTBOUND LANE ELEVATION	SAN S/W	SANITÁRY SIDEWALK	SD	→ SD	STORM DRAIN AND ENDWALL
ELEC	ELECTRICAL	SD	STORM DRAIN	SS	SS	SANITARY SEWER
ENGR ENTR	ENGINEER ENTRANCE	SE SECT	SLOPE EASEMENT SECTION	— — FM— —	FM	FORCE MAIN
EOL EP	END OF LINE EDGE OF PAVEMENT	SER	SERVICE			GAS MAIN OR SERVICE LINE
EQ	EQUAL	SH SPEC	SHEET SPECIFICATION			
EQPT EVCE	EQUIPMENT END VERTICAL CURVE ELEVATION	SPECS SQ	SPECIFICATIONS SQUARE	. W	W	WATER MAIN OR SERVICE LINE
EVCS EW	END VERTICAL CURVE STATION EACH WAY, ENDWALL	SSTL STR	STAINLESS STEEL STREET	OE	—— OE——	OVERHEAD ELECTRICAL LINE
EXIST FES	EXISTING FLARED END SECTION	STA	STATION	OT	OT	OVERHEAD TELEPHONE LINE
FF	FINISH FLOOR	STD STL	STANDARD STEEL	UE	UE	UNDERGROUND ELECTRICAL LINE
FFE FIG	FINISHED FLOOR ELEVATION FIGURE	STRUCT SUR	STRUCTURAL SURVEY	UT	UT	UNDERGROUND TELEPHONE LINE
FL FLEX	FLOOR FLEXIBLE	T & B	TOP AND BOTTOM		*	PIPE FITTINGS
FLG	FLANGE	TELE TEMP	TELEPHONE TEMPORARY	V	~	
FT FTG	FOOT FOOTING	THK TP	THICK TELEPHONE POLE		<u> </u>	FIRE HYDRANT
FUT GAL	FUTURE GALLON	TRTD	TREATED	───		GATE VALVE
GALV GAR	GALVANIZED GARAGE	T∨ T W	TELEVISION TOP OF WALL		CO	CLEANOUT
GND	GROUND	TYP UG	TYPICAL UNDERGROUND	S		MANHOLE
GR GOVT	GRAVEL GOVERNMENT	UON	UNLESS OTHERWISE NOTED UNITED STATES COAST AND	<u></u>		DROP INLET (CURB AND GRATING TYPES)
GPM GRTG	GALLONS PER MINUTE GRATING	U.S.C.&G.S	GEODETIC SURVEY	<u> </u>	• •	•
GV	GATE VALVE	V. VAL VAR	VALVE, VENT VARIABLE	T Y	T Y	WM — WATER METER DWM — DOUBLE WATER METER
H&T HORIZ	HUB AND TAC HORIZONTAL	VC VERT	VERTICAL CURVE VERTICAL	\	Y .	
HPT HYD	HIGH POINT HYDRANT	VESCR	VIRGINIA EROSION AND SEDIMENT			TELEPHONE POLE, GUY AND ANCHOR
ID	INSIDE DIAMETER	VOL	CONTROL REGULATIONS VOLUME	——)— []	POWER POLE, GUY AND ANCHOR
IN INSUL	INCH INSULATION	VDOT V.S.D.	VIRGINIA DEPARTMENT OF TRANSPORTATION VERTICAL SIGHT DISTANCE	$\dot{\mathbf{x}}$)— *	LIGHT POLE
INV IP	INVERT IRON PIN (FOUND OR SET NOTED)	W.B.L.	WESTBOUND LANE	T	T	TELEPHONE PEDESTAL
Ĺ	LENGTH, LONG	w w/	WIDE FLANGE, WIDE, WASTE, WATER WITH			
LF LG	LINEAL FOOT LONG	WĹ W∕O	WATER LINE WITHOUT	T	Ŧ	BURIED TELEPHONE VAULT
LP LR	LIGHT POLE LONG RADIUS	WS	WATER SURFACE	4		PAVED DITCH
LT MAS	LEFT MASONRY	WT WVDH	WATERTIGHT, WEIGHT WEST VIRGINIA DEPARTMENT			STORM PIPE (SIZE / TYPE NOTED)
MATL	MATERIAL		OF HIGHWAYS	`\		
MAX MB	MAXIMUM MAIL BOX			<i></i>		CULVERT WITH FLARED END SECTION
MBL	MINIMUM BUILDING LINE			><	>	
					7 1	AIR RELEASE VALVE / VAULT ASSEMBLY
				PROFILE PLAN	PROFILE PLAN	AIN NELLAGE VALVE / VAULT AGGEWIELT
				-TL- 🕁	T 4	BLOW OFF VALVE / VAULT ASSEMBLY
				PROFILE PLAN	PROFILE PLAN	DLOW OFF VALVE / VAULI ASSEMBLE





KE REDEVLOPMENT & HOUSING AUTHORITY 12th STREET & MELROSE AVENUE CITY OF ROANOKE, VIRGINIA ROANO

Storm Sewer Relocated	Sewer Relocated	DESCRIPTION	ABBREVIATIONS, LEGEND
8-27-04	8-19-04	DATE	ABBR
 4	3	NO.	
	E)	777	OK



4-29-04 NONE Commission No. 2863A