

AB	ANCHOR BOLT
ABAN	ABANDON OR ABANDONED
ABUT	ABUTEMENT
ABV	ABOVE
ACT	ACOUSTICAL
ADD	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AGGR	AGGREGATE
ALUM	ALUMINUM
ALT	ALTERNATE
ANC	ANCHOR
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AWWA	AMERICAN WATER WORKS ASSOCIATION
AVG	AVERAGE
BIT	BITUMINOUS
BJ	BELL JOINT
BL	BASE LINE
BEG	BEGIN OR BEGINNING
BLDG	BUILDING
BLKG	BLOCKING
BM	BENCH MARK, BEAM
BOTT	BOTTOM
BP	BYPASS
BRG	BEARING
BSMT	BASEMENT
BV	BUTTERFLY VALVE
C	CHANNEL, COLD
C/C, C TO C	CENTER TO CENTER
CAB	CABINET
CAP	CAPACITY
CF	CUBIC FEET
CG	CHANGE OF GRADE
C & G	CURB AND GUTTER
CI	CAST IRON
CIRC	CIRCULAR
CKT	CIRCUIT
CL	CENTER LINE
CLR	CLEAR
CONST	CONSTRUCTION
COR	CORNER
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNITS
CND	CONDUIT
CO	CLEAN OUT
COMB	COMBINATION
CONC	CONCRETE
CONN	CONNECT, CONNECTION
CONT	CONTINUOUS, CONTROL
CONTR	CONTRACTOR
CONV	CONVEYOR
CP	COORDINATE POINT
CR STONE	CRUSHED STONE
CTR	CENTER
CULV	CULVERT
CY	CUBIC YARD
D	DEPTH OR DEGREE OF CURVE
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DI	DROP INLET, DUCTILE IRON
DIA	DIAMETER
DIM	DIMENSION
DISC	DISCONNECT
DMH	DROP MANHOLE
DN	DOWN
DR	DRIVE
DS	DOWN SPOUT
DTL	DETAIL
DW,D/W	DRIVEWAY
DWL	DWELLING
DWG	DRAWING
E	EAST
EA	EACH
E.B.L.	EASTBOUND LANE
EF	EACH FACE
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
ELEC	ELECTRICAL
ENGR	ENGINEER
ENTR	ENTRANCE
EOL	END OF LINE
EP	EDGE OF PAVEMENT
EQ	EQUAL
EQPT	EQUIPMENT

EW	EACH, ENDWALL
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FR	FRAME
FD	FLOOR DRAIN
FDN	FOUNDATION
FES	FLARED END SECTION
FF	FINISH FLOOR
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FIG	FIGURE
FIN	FINISH
FIXT	FIXTURE
FL	FLOOR
FLEX	FLEXIBLE
FLG	FLANGE
FT	FOOT
FTG	FOOTING
FUT	FUTURE
GAL	GALLON
GALV	GALVANIZED
GAR	GARAGE
GND	GROUND
GR	GRAVEL
GOVT	GOVERNMENT
GPM	GALLONS PER MINUTE
GRTG	GRATING
GV	GATE VALVE
GW	GRAY WATER
H	HOT
HB	HOSE BIBB
HK	HOOK
HM	HOLLOW METAL
HOR, HORIZ	HORIZONTAL
HP	HORSE POWER
HPT	HIGH POINT
HYD	HYDRANT
ID	INSIDE DIAMETER
IN	INCH
INSUL	INSULATION
INV	INVERT
IP	IRON PIN
JT	JOINT
JB	JUNCTION BOX
L	LENGTH, LONG
LF	LINEAL FOOT
LG	LONG
LP	LIGHT POLE
LR	LONG RADIUS
LT	LEFT
LTG	LIGHTING
MACH	MACHINERY
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE, MOUNTING HEIGHT
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MO	MASONRY OPENING
MON	MONUMENT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MV	MUD VALVE
N & C	NAIL AND CAP
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTERS
OD	OUTSIDE DIAMETER
OPER	OPERATOR
OPNG	OPENING
OPP	OPPOSITE
PC	POINT OF CURVE
PCC	POINT OF COMPOUND
PER	PERIMETER
PERF	PERFORATED
PERP	PERPENDICULAR
PI	POINT OF INTERSECTION
PIV	POST INDICATOR VALVE
PL	PLATE, PROPERTY LINE

PLYWD	PLYWOOD
POL	POINT ON LINE
PP	POWER POLE
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	PRIVATE
R	RADIUS, RISER
RAS	RETURN ACTIVATED SLUDGE
RR	RAIL ROAD
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN, ROAD
RDCR	REDUCER
RECPT	RECEPTACLE
RECT	RECTANGULAR
REINF	REINFORCE, REINFORCEMENT
REF	REFERENCE
REL	RELOCATED
REQD	REQUIRED
REV	REVISION
RTE	ROUTE
RT	RIGHT
R/W	RIGHT OF WAY
S	SANITARY SEWER, SOUTH, SWITCH
SAN	SANITARY
SCH	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SER	SERVICE
SH	SHEET
SHTG	SHEETING
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
ST	STREET
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
STY	STORY
SUR	SURVEY
SURF	SURFACE
S/W	SIDEWALK
SYMM	SYMMETRICAL
T	TREAD, TOP
T & B	TOP AND BOTTOM
TDC	TURNDOWN CURB
TELE	TELEPHONE
TEMP	TEMPORARY
THK	THICK
TP	TELEPHONE POLE
TRTD	TREATED
TS	TOP OF SLAB
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
U.S.C.&G.S.	UNITED STATES COAST AND GEODETIC SURVEY
USGS	UNITED STATES GEOLOGICAL SURVEY
V, VAL	VALVE
VAP BAR	VAPOR BARRIER
VC	VERTICAL CURVE
VERT	VERTICAL
VOL	VOLUME
VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
V.S.D.	VERTICAL SIGHT DISTANCE
W.B.L.	WEST BOUND LANE
W	WIDE FLANGE, WIDE
W/	WITH
WD	WOOD
WL	WATER LINE
WS	WATER SURFACE
WT	WATERTIGHT, WEIGHT
WVDH	WEST VIRGINIA DEPARTMENT OF HIGHWAYS
WWF	WELDED WIRE FABRIC

MATERIALS SYMBOLS

	METAL
	BRICK
	CONCRETE MASONRY
	CONCRETE
	GROUT OR FINISHED CONCRETE
	INSULATION (RIGID)
	WOOD BLOCKING
	FINISHED WOOD OR PLYWOOD
	GRAVEL OR STONE
	EARTH

EXISTING

	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
	TREE LINE
	TREE OR SHRUB
	FENCE
	CENTERLINE CREEK, SWALE OR DITCH
	PROPERTY LINE
	CENTERLINE OR BASELINE
	LIMIT OF WORK LINE
	FIELD SURVEY TRAVERSE POINT
	P.C. OR P.T.
	GEOLOGIC BORE HOLE
	STORM DRAIN AND ENDWALL
	SANITARY SEWER
	FORCE MAIN
	GAS MAIN OR SERVICE LINE
	WATER MAIN OR SERVICE LINE
	ELECTRICAL LINE
	UNDERGROUND ELECTRICAL LINE
	PIPE FITTINGS
	FIRE HYDRANT
	GATE VALVE
	CLEANOUT
	MANHOLE
	DROP INLET (CURB AND GRATING TYPES)
	G.M. - GAS METER, W.M. - WATER METER
	TELEPHONE LINE
	TELEPHONE POLE, GUY AND ANCHOR
	POWER POLE, GUY AND ANCHOR
	LIGHT POLE
	TELEPHONE PEDESTAL
	BURIED TELEPHONE VAULT
	ABANDON OR REMOVE
	PAVED DITCH
	DRIVEWAY CULVERT
	CULVERT WITH FLARED END SECTION
	WATER VALVE
	HUB AND TACK
	COORDINATE POINT

NEW

	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
	TREE LINE
	TREE OR SHRUB
	FENCE
	CENTERLINE CREEK, SWALE OR DITCH
	PROPERTY LINE
	CENTERLINE OR BASELINE
	LIMIT OF WORK LINE
	FIELD SURVEY TRAVERSE POINT
	P.C. OR P.T.
	GEOLOGIC BORE HOLE
	STORM DRAIN AND ENDWALL
	SANITARY SEWER
	FORCE MAIN
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	DRIVEWAY CULVERT
	CULVERT WITH FLARED END SECTION
	WATER VALVE
	HUB AND TACK
	COORDINATE POINT

DESCRIPTION

BUILDING WITH PORCH OR STOOP
FOUNDATION ONLY
CONTOUR, CONTOUR WITH ELEVATION
SPOT ELEVATION
CONCRETE CURB
CONCRETE CURB & GUTTER
CONCRETE WALK OR SLAB
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UNPAVED OR GRAVEL ROAD
TREE LINE
TREE OR SHRUB
FENCE
CENTERLINE CREEK, SWALE OR DITCH
PROPERTY LINE
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PAVED DITCH
DRIVEWAY CULVERT
CULVERT WITH FLARED END SECTION
WATER VALVE
HUB AND TACK
COORDINATE POINT

EROSION AND SEDIMENT

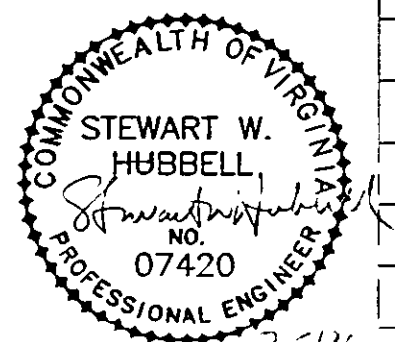
CONTROL SYMBOLS

	CULVERT INLET PROTECTION		STORM DRAIN INLET PROTECTION
	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE		RIPRAP
	SILT FENCE		



Mattern & Craig
CONSULTING ENGINEERS - SURVEYORS

DESIGNED:	SWH
DRAWN:	JMC
CHECKED:	SWH



REV.	DATE	DESCRIPTION	BY	APP.

DATE
MARCH
1995
COMM. NO.
12451

PETERS CREEK SANITARY SEWER REPLACEMENT
PROJECT PC-6A
GENERAL ABBREVIATIONS & LEGEND

CITY OF ROANOKE,

VIRGINIA

RECORD DRAWINGS
8-5-96

SHEET

3

ACAD 12451.3

PROJECT NO. 62451