LEGEND								
DESCRIPTION	EXISTING	PROPOSED						
5' OR 10' CONTOUR LINE	1050							
1' OR 2' CONTOUR LINE	1051							
PROPERTY LINE	—-P-—							
SILT FENCE								
STORM SEWER	24"RCP							
SANITARY SEWER								
SEWER LATERAL								
SANITARY SEWER PIPE BURST								
SANITARY SEWER MANHOLE	S	⑤						
SEWER CLEANOUT	oco	<u></u> co						
WATER	÷							
GATE VALVE	8							
WATER SERVICE LINE	1"W							
WATER METER	**							
UNDERGROUND GAS								
UNDERGROUND TELEPHONE								
UNDERGROUND FIBER OPTIC	UF0							
UNDERGROUND TRAFFIC SIGNAL	——т.s——							
OVERHEAD ELECTRIC								
UTILITY POLE	8							
LIGHT POLE	¢							
SIGN - SINGLE FACED	*							
SIGN - DOUBLE FACED	H							
RIGHT-OF-WAY								
FULL DEPTH PAVEMENT REPAIR								
MILL AND OVERLAY (SHOULDER, TRAVEL AND BIKE LANE WHERE SHOWN)								
ABANDON IN PLACE		1111111111						
TREES, SHRUBS, BUSHES	(F) (R							
DETAIL CALLOUT	X DETAIL IDENTIFICA X-X SHEET NO. WHERE	TION NO. E DETAIL IS SHOWN						
DETAIL IDENTIFICATION NO.	X DETAIL TITLE							
NOTE: SOME FEATURES IN THE LEGEND MAY NOT HAVE BEEN USED								

GENERAL NOTES

- THE "OWNER" IS THE WESTERN VIRGINIA WATER AUTHORITY (AUTHORITY). THE TERMS "OWNER" AND "AUTHORITY" ARE USED INTERCHANGEABLY IN THE CONTRACT DOCUMENTS. THE ENGINEER IS CHA CONSULTING.
- THE CONTRACTOR SHALL NOTIFY THE AUTHORITY'S ENGINEERING COORDINATOR, MARK SINK, AT 540-537-3460 AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
- 3. A PRE-CONSTRUCTION CONFERENCE SHALL BE SCHEDULED AT LEAST ONE (1) DAY PRIOR TO ANY CONSTRUCTION.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SAFETY AND FOR COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL HEALTH AND SAFETY
 CODES, LAWS, REQUILATIONS AND ORDINANCES INCLUDING, BUT NOT LIMITED TO, THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
- CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS PRIOR TO COMMENCING WORK AND SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- SISSEE LATERALS ARE SHOWN IN LOCATIONS BASED ON COTV SURFLY, ALL LATERALS MAY NOT SE SHOWN. CONTRACTOR TO VERFLY ACTIVE LATERALS WITH JURISDAY ASSESSANCE. CONTRACTOR STATE, AND CONNECT TO EXISTING FORWATE LATERAL, AND CONNECT TO EXISTING FORWATE LATERAL SHALL BE INSTALLED WITH ANNIMAN COPER OF 3" AND A MINIMAN SLOPE OF 0.50%, LATERALS SHALL BE CONTRACT THE OFFER THE USE OF EXECUTE AND A MINIMAN SLOPE OF 0.50%, LATERALS SHALL BE CONTRACT.
- 8. ALL EXISTING UTILITIES MAY NOT BE SHOWN OR MAY NOT BE SHOWN IN THEIR EXACT LOCATION. CONTRACTOR SHALL LOCATE ALL UTILITIES AND DETERMINE ALL INVERTS PRIOR TO CONSTRUCTION TO ALLOW FOR ADJUSTMENTS DUE TO CONFLICTS WITH OTHER UTILITIES. THE CONTRACTOR SHALL COMPLY WITH THE WIGHOUS ATTAIN WATER WORKS REQULATIONS, SECTION 1274CAS—500—150, AND THE VRIGNMA STATE. STANKE COLLECTION, AND TREATMENT (SCAT) REGULATIONS WHERE LINES CROSS.
- 9. THE CONTRACTOR SHALL HAVE A VALID MISS UTILITY TICKET PRIOR TO EXCAVATION. CONTACT MISS UTILITY AT 1-800-552-7001.
- 10. PRIOR TO CONSTRUCTION, ALL APPLICABLE PERMITS FROM THE GOVERNING JURISDICTIONS AND/OR AGENCIES MUST BE OBTAINED AND A COPY KEPT ON THE PROJECT SITE. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND PAY ALL FEES OF SUCH, PRIOR TO COMMENCING WORK.
- 12. CONTRACTOR SHALL PROMDE ANY SHORING REQUIRED TO PROTECT EXISTING FACILITIES DURING EXCAVATION FOR INSTALLATION OF PROPOSED STRUCTURES AND UNITLIES. CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING DESIGN. DESIGN SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER CLEDISED TO PRACTICE IN THE COMMONWEALTH OF VIRONAL ALL ANTION-PLED COSTS FOR SHORING AND DESIGN SHALL BE
- 13. CONTRACTOR SHALL NOTIFY CITY OF ROANOKE AT LEAST TWO WEEKS IN ADVANCE OF REQUIRING TRAFFIC CONTROL CONTRACTOR SHALL CONTACT THE CITY FOR A LANE CLOSINE PERMIT HAFFIC CONTROL ABALL BE PROVIDED IN ACCORDANCE WITH THE MOST RECENT MUTCO MANUAL AND THE VIDOT WORK AREA PROTECTION MANUAL UNLESS OTHERWISE SPECIFED BY THE CITY.
- 14. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE WESTERN VIRGINA REGIONAL DESIGN AND CONSTRUCTION STANDARDS (STANDARDS) AVAILABLE AT WAYNEXESTERN/VAINTEX.ORG OR BY CONTACTING THE AUTHORITY AT 540-855-5700. THE PROJECT SHALL ASSO COMEY WITH THE COVERNION ASSISTED/CONFORMAND AND OTHER ASSECT STANDARDS (CE. VADT, DEC, DOY, OH, ETC.) HHERE APPLICABLE. CONTRACTOR SHALL PROVIDE A COPY OF THE CONTRACTOR'S DESIGNATED CERTIFIED VIRGINIA RESPONSIBLE LAND DISTURBER CERTIFICATE OT THE CONTRACTOR'S DESIGNATED CERTIFIED VIRGINIA RESPONSIBLE LAND DISTURBER CERTIFICATE OT THE CONTRACTOR'S DESIGNATED CERTIFIED VIRGINIA RESPONSIBLE LAND DISTURBER CERTIFICATE OT THE CONTRACTOR'S DESIGNATED CERTIFIED VIRGINIA RESPONSIBLE LAND DISTURBER CERTIFICATE OT THE CONTRACTOR'S DESIGNATED CERTIFIED VIRGINIA RESPONSIBLE LAND DISTURBER CERTIFICATE OT THE CONTRACTOR'S DESIGNATED CERTIFICATE OF THE CONTRACTOR'S DESIGNATED CERTIFICATE ONE OF THE CONTRACTOR'S DESIGNATED CERTIFICATE OF THE CONTRACTOR'S DESIGNATED C
- 15. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING ALL VEHICLES AND EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE STREETS ARE KEPT IN A CLEAN, MUD— AND DUST—FREE CONDITION AT ALL TIMES.
- 16. CONSTRUCTION DEBRIS SHALL BE CONTAINER/ZED IN ACCORDANCE WITH THE VIRONAL LITTER CONTROL ACT. PRIOR TO COMMENCING WORK, THE CONTRICTOR'S CUSTIFIED RESPONSIBLE LAND DISTURBER SHALL DEFINING AND SEQUENT CONTROL PRIOR FOR THE PROJECT FROM THE WASTE BY A LOCADIANCE WITH THE LITTER TENTON OF THE VIRONAL RESPONSION AND SEQUENT CONTROL PRIOR SHALL BE ASSET LED PRIOR TO CONSTRUCTION. THE CONTRICTOR SHALL MAKE PROVISIONS TO PROVIDE ACCESS TO ALL PROPERTIES DURING CONSTRUCTION AND SHALL MAINTAIN ASPECTACIONS.
- 17. THE CONTRACTOR SHALL NOT EXCAVATE MORE TRENCH LENGTH THAN CAN BE RESTORED WITHIN THE SAME WORK DAY. ALL TRENCHES SHALL BE BACKFILLED OR PLATED AT THE END OF EACH WORK DAY OR WHEN THE CONTRACTOR IS NOT ON SITE.
- 18. CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY CONSTRUCTION; INCLUDING ACCESS AND SITE ROADWAYS, DITCHES, DRAINAGE STRUCTURES AND OTHER EXISTING FEATURES TO THEIR ORIGINAL CONDITION OR TO A CONDITION SATISFACTORY TO THE ENGINEER.
- ALL REQUIRED TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE APPROVED SEDIMENT AND EROSION CONTROL PLAN.
- 20. CONSTRUCTION CREWS MUST ALLOW FOR SOLID WASTE MANAGEMENT TO SERVICE TRASH, RECYCLING, BULK, AND BRUSH COLLECTION FOR THE ENTIRE PROJECT AREA.
- 21. SEWER PIPE MATERIAL SHALL BE PER THE AUTHORITY STANDARDS UNLESS OTHERWISE INDICATED ON THE PLANS.
- PROFILES SHOW SEWER LENGTH FROM MANHOLE CENTER TO MANHOLE CENTER. HOWEVER, PAYMENT SHALL BE MADE FOR LENGTH FROM INSIDE MANHOLE TO INSIDE MANHOLE.
- 23. SEWER SLOPES ARE CALCULATED BASED ON SEWER LENGTH FROM MANHOLE CENTER TO MANHOLE CENTER. MANHOLE PENETRATION INVERTS AND SEWER SLOPES SHALL BE COORDINATED IN THE FIELD.
- 24. CONTRACTOR SHALL BE RESPONSIBLE FOR THE STAKING AND LAYOUT OF ALL PROPOSED STRUCTURES AND IMPROVEMENTS.
- 25. PORTIONS OF THE SANITARY SEVER TO BE REPLACED PASS UNDER EXISTING DRAINAGE STRUCTURES AND SWALES. CONTRACTOR IS ENCOURAGED TO PERFORM THESE TASKS ONLY DURING DRY WEATHER TO AVOID COMPROMISING AND DESTRUCTING EXISTING DRAINAGE PATTERNS DURING A RAINFALL EVENT.
- 26. ALL DISTURBED AREAS SHALL BE RETURNED TO LIKE OR BETTER CONDITION WHETHER THEY ARE GRASSED, LANDSCAPED, GRAVELED OR OTHER. ANY DISTURBED PLANTINGS SHALL BE REPLACED WITH LIKE SPECIES.
- FULL DEPTH PAVEMENT REPAIR AND MILL AND OVERLAY SHALL BE IN ACCORDANCE WITH ROAMONE CITY RIGHT OF WAY EXCAVATION AND RESTORATION STANDARDS (5TH EDITION, REVISED JULY 1, 2020). FOR PAVEMENT RESTORATION DETAIL, REFERENCE C-601.
- 28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL MANHOLES AFTER PAVING. MANHOLE RIMS SHALL BE INSTALLED TO GRADE AND FLUSH WITH THE RINAL PAVEMENT.

- 29. ANY FENCING DISTURBED BY CONSTRUCTION. ACTIVITIES SHALL BE IMMEDIATELY REPLACED OR SUPPLEMENTED BY TEMPORARY FENCING TO MAINTAIN A SECURE SITE THROUGHOUT CONSTRUCTION. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, FENCING SHALL BE RESTORED TO ORIGINAL CONDITIONS.
- 31. ANY TREES GREATER THAN 2" IN DIAMETER SHALL NOT BE REMOVED WITHOUT WRITTEN PERMISSION FROM THE AUTHORITY.
- 32. THE CONTRACTOR SHALL PERFORM ALL MANHOLE CONNECTIONS. THE CORING AND BOOT INSTALLATION SHALL BE INSPECTED AND APPROVED BY AN AUTHORITY CONSTRUCTION INSPECTOR FROM TO ACTIVATING SENER SERVICE. THE CONTRACTOR SHALL CONTACT THE AUTHORITY'S CONSTRUCTION INSPECTOR RESPONSIBLE FOR THE PROJECT AT LESS ONE (1) DAY PROFIT ON INTIATION THE MANHOLE CONNECTION.
- 33. THE CONTRACTOR SHALL SUPPLY THE AUTHORITY WITH CORRECT AS-BUILT PLANS BEFORE SUBSTANTIAL COMPLETION WILL BE GRANTED.
- 34. HORIZONTAL DATUM IS VIRGINIA STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD 83. VERTICAL DATUM IS NAVD 86
- 35. FIELD CHANGES SHALL BE APPROVED BY THE AUTHORITY'S ENGINEERING DIVISION AND ENGINEER PRIOR TO SUCH CONSTRUCTION.
- 36. ALL WORK SHALL BE CONTAINED WITHIN THE EXISTING RIGHT OF WAY AND/OR PROPOSED OR EXISTING EASEMENTS.
- 37. ALL EXCAVATION, INCLUDING ROCK, SHALL BE UNCLASSIFIED. NO ADDITIONAL PAYMENT WILL BE MADE FOR ROCK. PER THE STANDARDS, SECTION CS-6, "ALL ROCK EXCAVATION SHALL BE PAID FOR AS AN INCIDENTAL PART OF THE ITEMS ON WHICH THE WORK IS DONE".
- 38. ALTHOUGH SUCH WORK MAY NOT BE SPECIFICALLY SHOWN, THE CONTRACTOR SHALL FURNISH AND INSTALL ANY SUPPLEMENTAL OR MISCELLANEOUS ITEMS, APPURTENANCES AND DEWICES INCIDENTAL TO OR NECESSARY FOR A SOUND AND COMPLETELY OPERATIONAL INSTALLATION.
- 39. EXISTING PIPING THAT IS NOT TO BE REUSED CAN BE ABANDONED IN PLACE. ABANDONED PIPES THAT HAVE CONVEYED SEWAGE SHALL BE ABANDONED IN ACCORDANCE WITH THE VIRGINA SCAT REGULATIONS.
- 40. THE PLANS AND SPECIFICATIONS SHALL GOVERN FOR THIS PROJECT; HOWEVER, IF THESE DOCUMENTS DO NOT COVER A PARTICULAR ITEM OR PORTION OF THE WORK, THE STANDARDS, LATEST EDITION, SHALL GOVERN.
- 41. THE CONTRACTOR SHALL FIELD VERIFY SIZE, LOCATION, AND INVERT OF ALL SUBMAINS, AND MAINS ENTERING MANHOLES AND PROVIDE THIS INFORMATION AS PART OF THE SHOP DRAWINGS SUBMITTAL.
- 42. ACCESS TO PRIVATE, PUBLIC, AND COMMERCIAL BUSINESSES AFFECTED BY THE UTILITY CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES DURING THEIR RESPECTIVE NORMAL BUSINESS HOURS.
- 43. COORDINATE CHANGES OR DISRUPTIONS TO SIGNALS AND SIGNAL DOWNTIME WITH THE ROANOKE CITY TRAFFIC ENGINEER, MR. HONG LIU AT 540-853-2686, A MINIMUM OF 30 DAYS AHEAD OF CONSTRUCTION.
- 44. DEPENDING ON THE START DATE OF CONSTRUCTION, PAVEMENT REPAIR REQUIREMENTS AFTER JULY 2020 IN THE CITY OF ROANOKE MAY VARY OR CHANGE. AFTER JULY 2020, PAVEMENT DISTURBANCE PAST THE BIKE LANE STRIPE WILL REQUIRE MILL AND OVERLAY OF THE ENTIRE TRAVEL LANE.
- 45. FOR GENERAL TRAFFIC NOTES, REFERENCE C-604.
- 46. AFTER SUCCESSFUL LEAK TEST AND PRIOR TO SUBSTANTIAL COMPLETION, CONTRACTOR SHALL PERFORM CCTV ON INSTALLED SEWER IN ACCORDANCE WITH C-3, SANITARY SEWER COLLECTOR PIPING IN THE AUTHORITY'S STANDARDS

SHEET INDEX						
SHEET NUMBER SHEET TITLE						
G-001	COVER SHEET					
G-002	LEGEND AND NOTES					
C-101	PROPOSED SANITARY SEWER PLAN & PROFILE					
C-102	PROPOSED SANITARY SEWER PLAN & PROFILE					
C-103	PROPOSED SANITARY SEWER PLAN & PROFILE					
C-104	PROPOSED SANITARY SEWER PLAN & PROFILE					
C-105	PROPOSED SANITARY SEWER PLAN & PROFILE					
C-501	EROSION CONTROL NARRATIVES AND NOTES					
C-502	EROSION CONTROL NARRATIVE AND NOTES					
C-601	GENERAL DETAILS					
C-602	SEWER DETAILS I					
C-603	SEWER DETAILS II					
C-604	TRAFFIC CONTROL DETAILS I					
C-605	TRAFFIC CONTROL DETAILS II					







WESTERN VIRGINIA WATER AUTHORITY

PETERS CREEK ROAD SANITARY SEWER REPLACEMENT PHASE IV

No.	Submittal / Revision	App'd.	Ву	Date
	CONSTRUCTION ISSUE	LES	RAS	9/30/20

LEGEND AND NOTES

esigned By:	Drawn By:	Checked E			
ccs	ccs	LES			
ssue Date:	Project No:	Scale:			
07/26/20	059279.000	AS NOTED			

G-002

SOME FE	EATURES IN THE LEGEND MAY NOT HAVE BEEN U	JSED									
				1	ABLE OF ABBREVIATIONS (NOT A	LL ABBRE	VIATIONS MAY HAVE BEEN USED)				
AASHTO	AMERICAN ASSOCIATION OF STATE	CFM	CUBIC FEET PER MINUTE	FT	FOOT OR FEET	MISC	MISCELLANEOUS	RAD	RADIAL	TAN	TANGENT
AASHIU	HIGHWAY AND TRANSPORTAION OFFICIALS	CI	CURB INLET	GAL	GALLON	MON	MONUMENT	RCCP	REINFORCED CONCRETE CULVERT PIPE	TC	TOP OF CURB
ABS	PLASTIC PIPE	CIP	CAST IRON PIPE	GPM	GALLONS PER MINUTE	N	NORTH	RCP	REINFORCED CONCRETE PIPE	TE	TEMPORARY CONSTRUCTION EASEMENT
AC	ACRE	CL	CLASS OR CENTERLINE	GRD	GROUND OR GRADE	NAVAIDS	NAVIGATIONAL AIDS	RD	ROOF DRAIN	TEL	TELEPHONE
ACCM	ASPHALT COATED CORRUGATED METAL	CMP	CORRUGATED METAL PIPE	GV	GATE VALVE	NIC	NOT IN CONTRACT	REINF	REINFORCING	TEMP	TEMPORARY
AFF	ABOVE FINISHED FLOOR	co	CLEANOUT	HB	HORIZONTAL BEND	NOTAM	NOTICE TO AIRMEN	REQD	REQUIRED	TF	TOP OF FRAME
ALT	ALTERNATE	CONC	CONCRETE	HDPE	HIGH DENSITY POLYETHELENE PIPE	0/S	OFFSET	ROW	RIGHT-OF-WAY	TRANS	TRANSFORMER OR TRANSVERSE
ASZ	AIRPORT SAFETY ZONE	CR	COUNTRY ROAD	HORIZ	HORIZONTAL	OFA	OBJECT FREE AREA	ROW W/A	RIGHT-OF-WAY WITH ACCESS	TSA	TAXIWAY SAFETY AREA
APPROX	APPROXIMATE	CSP	CORRUGATED STEEL PIPE	HP	HIGH POINT OR HORSE POWER	OFZ	OBSTACLE FREE ZONE	ROW WO/A	RIGHT-OF-WAY WITHOUT ACCESS	TV	TELEVISION
ASPH	ASPHALT	CTR	CENTER	HPS	HIGH PRESSURE SODIUM	OAR	OWNER'S AUTHORIZED REPRESENTATIVE	RPM	REVOLUTIONS PER MINUTE	TWY, T/W	TAXIWAY
TCT	AIR TRAFFIC CONTROL TOWER	CULV	CULVERT	HR	HAND RAIL OR HOUR	PL	PROPERTY LINE	RR	RAILROAD	TYP	TYPICAL
\WG	AMERICAN WIRE GAUGE	cv	CHECK VALVE	HT	HEIGHT	PC	POINT OF CURVATURE	RSA	RUNWAY SAFETY AREA	UD, U/D	UNDERDRAIN
3L	BASELINE	CY	CUBIC YARD	HW	HEADWALL	PE	PERMANENT UTILITY EASEMENT	RT	RIGHT	U(ND)G	UNDERGROUND
3B	BOTTOM OF BANK OR BERM	D	DRAIN	HYD	HYDRANT	PERF	PERFORATED	RW	RETAINING WALL	UTIL	UTILITY
3C	BOTTOM OF CURB	DI	DROP INLET	IN	INCH(ES)	PERP	PERPENDICULAR	RWY, R/W	RUNWAY	VC	VERTICAL CURVE
BFE .	BASEMENT FLOOR ELEVATION	DIA	DIAMETER	IP(F)	IRON PIPE (FOUND)	PP	POWER POLE, POWER PANEL	S	SOUTH	VCP	VITRIFIED CLAY PIPE
BLDG	BUILDING	DIP	DUCTILE IRON PIPE	JB	JUNCTION BOX	PPM	PARTS PER MILLION	SCH	SCHEDULE	VERT	VERTICAL
ВМ	BENCHMARK	DWG	DRAWING	LAT	LATITUDE	PRC	POINT OF REVERSE CURVATURE	SF	SQUARE FOOT OR SQUARE FEET	VOL	VOLUME
BOT	BOTTOM	E	EAST	LB	POUND	PSF	POUNDS PER SQUARE FOOT	SH	STATE HIGHWAY	w	WEST
3RL	BUILDING RESTRICTION LINE	EA	EACH	LF	LINEAR FOOT OR LINEAR FEET	PSI	POUNDS PER SQUARE INCH	SHT	SHEET	W/	WITH
BSMT	BASEMENT	EJ	EXPANSION JOINT	LONG	LONGITUDE	PT	POINT OR POINT OF TANGENCY	SMH	SANITARY MANHOLE	WF	WOOD FRAME
3VC	BEGINNING OF VERTICAL CURVE	ELEC	ELECTRIC		LAMP POST, LIGHT POLE, LIGHT PANEL		POINT OF VERTICAL CURVATURE	SPECS	SPECIFICATIONS	W/0	WITHOUT
3W	BOTTOM OF WALL	ELEV	ELEVATION	75	OR LOW POINT	PVC	OR POLYVINYL CHLORIDE	SS	SANITARY SEWER	ww	WING WALL
	CHORD	EOP	EDGE OF PAVEMENT	LT	LEFT	PVI	POINT OF VERTICAL INTERSECTION	STA	STATION OR STATIONARY		WE DED WIDE EARLY
CAP	CORRUGATED ALUMINIM PIPE	FD	FLOOR DRAIN	MFR	MANUFACTURER	PVT	POINT OF VERTICAL TANGENCY	STMH	STORM MANHOLE	WWF	WELDED WIRE FABIC OR WOVEN WIRE FABRIC
CB	CATCH BASIN	FDN	FOUNDATION	MH	MANHOLE	PWR	POWER	STY	STORY		OR MOVEN MIKE PABRIC
CF	CUBIC FOOT OR CUBIC FEET	FFE	FINISHED FLOOR ELEVATION	MIN	MINIMUM	R	RADIUS	SY	SQUARE YARD		