



MATERIAL LIST

QTY	DESCRIPTION	STOCK NO.	QTY	DESCRIPTION	STOCK NO.
2	LINK SEAL ASSEMBLY	SEE CHART	LINK SEAL DATA		
1	BARE STEEL CASING PIPE, AS SPECIFIED BY ENGINEER		CARRIER PIPE SIZE	CASING SIZE	REQUIRED LINKS
1	CARRIER PIPE		2"	4"	4
4	CASING INSULATOR		4"	8"	7
	2" X 4" PLASTIC	202260	6"	10"	10
	2" X 6" PLASTIC	202265	8"	12"	12
	4" X 8" PLASTIC	202267	10"	14"	10
	6" X 10" PLASTIC	202277	12"	16"	12
	8" X 12" PLASTIC	202285	14"	18"	13
2	2" STEEL PIPE (VENT RISER)	201010	16"	20"	15
2	2" WELD-O-LET	205824	18"	22"	17
6	2" 90° WELD-ELL	205050			
1	2" BLACK COUPLING (PLACE COUPLING AS CLOSE TO GROUND LEVEL AS POSSIBLE)	206150			

GENERAL NOTES

- PAINT VENT PIPE WITH ORANGE ENAMEL (STOCK# 211378)
- CASING IS TYPICALLY TWO PIPE SIZES LARGER THAN CARRIER
- CONSULT CONSTRUCTION DRAWING FOR NUMBER AND TYPE OF LINK SEALS.
- MAXIMUM SPACING OF INSULATORS/SPACERS IS EIGHT FEET O.C.
- ON LOW END OF CASING, TAP FOR VENT ON BOTTOM OF CASING PRIOR TO INSERTING CARRIER PIPE.
- ON HIGH END OF CASING, TAP FOR VENT ON TOP OF CASING PRIOR TO INSERTING CARRIER PIPE.
- INSERT SCREEN WIRE IN OPEN END OF VENT PIPE.
- FIRST AND LAST INSULATORS TO BE 5' FROM END SEAL.
- BACKFILL WHERE PIPE LEAVES CASING SHALL BE THOROUGHLY COMPACTED IN 6" LIFTS OR SANDBAGS PLACED UNDER THE PIPING TO ELIMINATE STRESS CONCENTRATIONS.
- INSTALL CASING VENTS AT RAILROAD CROSSINGS, STATE HIGHWAYS, WHERE REQUIRED BY PERMITTING AUTHORITY, OR AS SHOWN ON DESIGN.
- LEADING END OF CARRIER PIPE MUST BE COVERED WHEN INSERTING. PULLING HEAD, TEMP. CAP, TAPE AND SIMILAR ARE ALL ACCEPTABLE METHODS

CONSTRUCTION STANDARD
CITY UTILITIES
OF SPRINGFIELD, MISSOURI

INSTALLATION OF
GAS MAIN THROUGH
STEEL CASING

LATEST REV. DATE 04/10/2019 STANDARD NO. GS-135 PAGE: