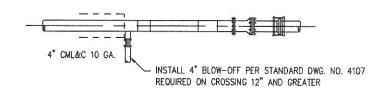
ALL CML&C SHALL BE STD. WT. PIPE AIR VAC AS REQUIRED AIR VAC AS REQUIRED -STEEL PIPE W/ FLANGED END-LENGTH = 24 PVC/STEEL TRANSITION PVC/STEEL TRANSITION COUPLING (FLG X MJ) COUPLING (FLG X MJ) -STEEL PIPE W/ FLANGED END LENGTH = 24" MJ RESTRAINT GLAND-MJ RESTRAINT GLAND FOR FOR PVC 11.25', 22.5', 45'-PVC WELDED ELBOW 11.25', 22.5', 45' CML&C WELDED ELBOW -PVC PIPE PVC PIPE -CML&C UTILITY, STORM DRAIN, OR WATER CROSSING M PVC WITH RESTRAINED 2 PVC WITH RESTRAINED JOINTS PER CITY OF JOINTS PER CITY OF BÈND ANGLE ONTARIO STD PLANS ONTARIO STD DWG NO. 4010 DWG NO. 4010 PER SEE TABLE SEE TABLE R BELOW BELOW STATION STATION CML&C STEEL PIPE W/WELDED JOINTS (STD. WT.) SIZE PER PLANS CREATE LOW POINT FOR BLOW-OFF



LENGTH PER PLANS

STEEL CASING PER CITY OF ONTARIO STD DWG. NO. 2103

		PVC RESTRAINED LENGTH L(FT) PIPE SIZE		
		8"	12"	16"
BEND ANGLE	11.25*	19	26	34
	22.5*	38	53	69
	45°	79	111	144

NOTES

- 1. STEEL CASING TO BE INSTALLED BY JACK AND BORE METHOD WHEN CROSSING EXISTING FACILITIES WHEN REQUIRED BY CITY.
- 2. PIPE MATERIAL SHALL BE PVC FOR THE NEW MODEL COLONY (UP TO 16" IN DIAMETER) AND STEEL OR DUCTILE IRON FOR THE OLD MODEL COLONY.
- 3. WRAP EXPOSED COUPLINGS, RESTRAINT JOINTS AND METALLIC PARTS WITH 8 MIL POLYETHYLENE ENCASEMENT.

