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EXAMPLE OF A TYPICAL

INSTALLATION

PROJECT ID: CONTRACT NO:	
LOCATION	

FRAME

RAIL

ESTIMATED INSTALLED SYSTEM WIDTH. APPROX. 1/4" LARGER THAN GRATE WIDTH.

GRATE

WIDTH

BY CUSTOMER

TRENCH

FGK-MICRO-WYE

RELEASED: 3.4.22 REVISION: B

FIBERGLASS KIT WITH MICRO-MESH GRATE AND WYE FRAME

CONCRETE BY CUSTOMER

FRAME

LOCKING DEVICE (4) PER GRATE

RAIL

NOMINAL SYSTEM WIDTH (SPAN)	ACTUAL GRATE WIDTH	SYSTEM LENGTH	KIT PART NO.
8" 7.75"	4'	FGK-MICRO-WYE-0804	
	8'	FGK-MICRO-WYE-0808	
	12'	FGK-MICRO-WYE-0812	
	16'	FGK-MICRO-WYE-0816	
	20'	FGK-MICRO-WYE-0820	
		40'	FGK-MICRO-WYE-0840
10" 10.75"		4'	FGK-MICRO-WYE-1004
	8'	FGK-MICRO-WYE-1008	
	12'	FGK-MICRO-WYE-1012	
	16'	FGK-MICRO-WYE-1016	
	20'	FGK-MICRO-WYE-1020	
		40'	FGK-MICRO-WYE-1040
12" 12.25"	4'	FGK-MICRO-WYE-1204	
		8'	FGK-MICRO-WYE-1208
	10.05	12'	FGK-MICRO-WYE-1212
	12.25"	16'	FGK-MICRO-WYE-1216
		20'	FGK-MICRO-WYE-1220
	40'	FGK-MICRO-WYE-1240	
14" 13.75"	4'	FGK-MICRO-WYE-1404	
	8'	FGK-MICRO-WYE-1408	
	12'	FGK-MICRO-WYE-1412	
	16'	FGK-MICRO-WYE-1416	
	20'	FGK-MICRO-WYE-1420	
	40'	FGK-MICRO-WYE-1440	

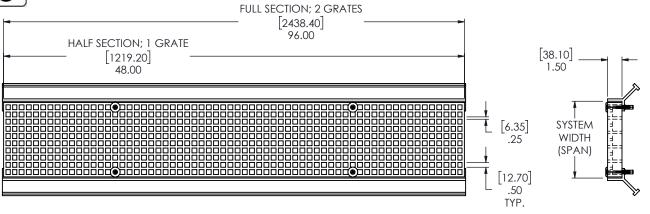
KITS ARE SUPPLIED IN 4FT & 8FT SECTIONS



DIN APPLICATION LOAD CLASS C:

CURB SIDES, HIGHWAY SHOULDERS AND PARKING AREAS. DESIGNED FOR A DISTRIBUTED PRESSURE OF 56,200 LBS. (250kN)





MANUFACTURER



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ENGINEERING SPECIFICATION

TDS FIBERGLASS KITS ARE MANUFACTURED WITH LAYERS OF RESIN AND FIBERGLASS STRANDS TO CREATE A GRATING SYSTEM WITH EXCELLENT IMPACT RESISTANCE THAT PROVIDES BETTER TRACTION THAN METAL BAR GRATING. IT IS CORROSION RESISTANT, LIGHTWEIGHT, NONCONDUCTIVE AND NONMAGNETIC. THE GRATE HAS AN OPEN AREA OF 44.4% AND IS ADA APPROVED. EACH GRATE MEASURES 1.50" THICK X 48.00" LONG. KIT INCLUDES GRATE(S), LOCKING DEVICES AND FRAME RAILS.