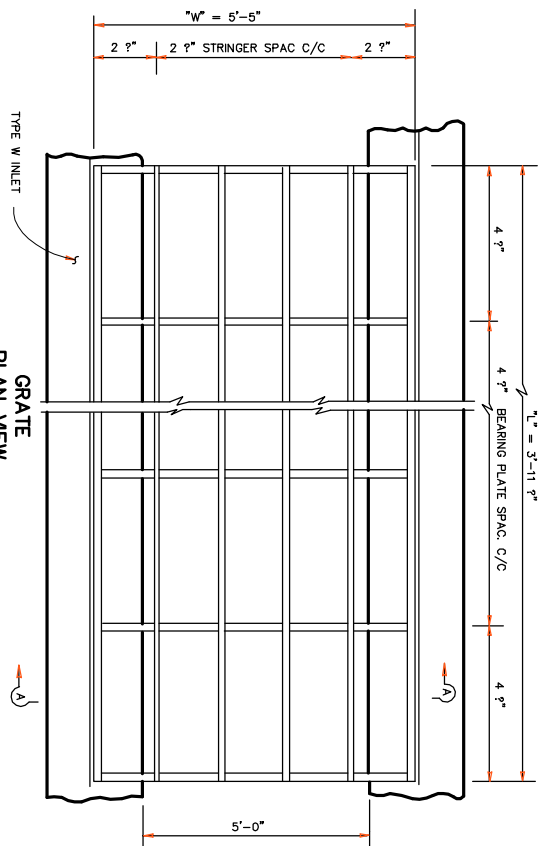
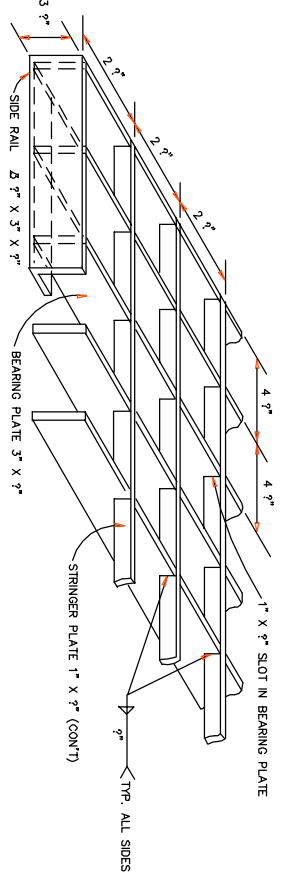


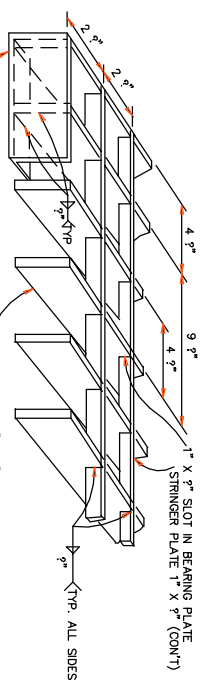
GRATE PLAN VIEW



GRATE PLAN VIEW



GRATE CORE



GRATE CORE

STRUCTURAL STEEL FOR ONE TYPE 3 GRATE

GRATE DIM. OUT TO OUT	SIDE-RAIL	BEARING PLATE	STRINGER PLATE	STRINGER PLATE	TOTAL WEIGHT					
L	NO.	LGTH.	WT	NO.	LGTH.	WT.	WT.			
5'-11 1/2"	2	3'-11 1/2"	81	11	2'-10"	159	13	3'-11 1/2"	66	306*

* FOR CONTRACTOR'S INFORMATION ONLY

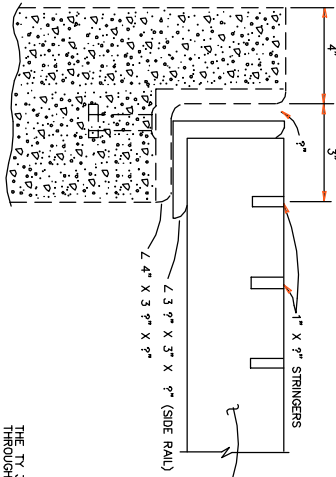
STRUCTURAL STEEL FOR ONE TYPE 4 GRATE

GRATE DIM. OUT TO OUT	SIDE-RAIL	BEARING PLATE	STRINGER PLATE	STRINGER PLATE	TOTAL WEIGHT					
L	NO.	LGTH.	WT	NO.	LGTH.	WT.	WT.			
5'-11 1/2"	2	3'-11 1/2"	81	11	5'-4"	1299	27	5'-11 1/2"	137	517*

* FOR CONTRACTOR'S INFORMATION ONLY

GRATE TYPE 3

TYPE 3 & TYPE 4 GRATE
SAN ANTONIO DISTRICT STANDARD



SECTION A-A

GENERAL NOTES :

- THE TY 3 GRATES ARE REQUIRED ON TY Y-1 THROUGH TY Y-5 INLETS.
- THE TY 4 GRATES ARE REQUIRED ON TY W-1 THROUGH TY W-5 INLETS.
- THE GRATE(S) ARE SUBSIDIARY TO THE INLET.

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TELEPHONE	8	STATE	CONTRACT
FAX	9	ROUTE	NO.
PROJECT NO.			
DATE	NO.	ISS	ISSUED
NO.	NO.	NO.	NO.