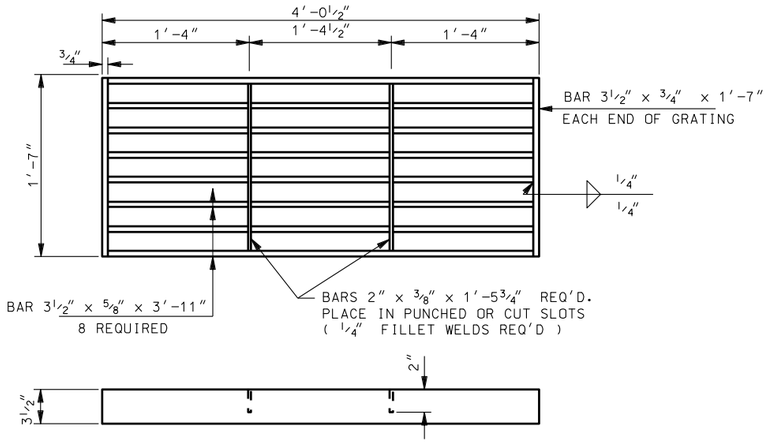
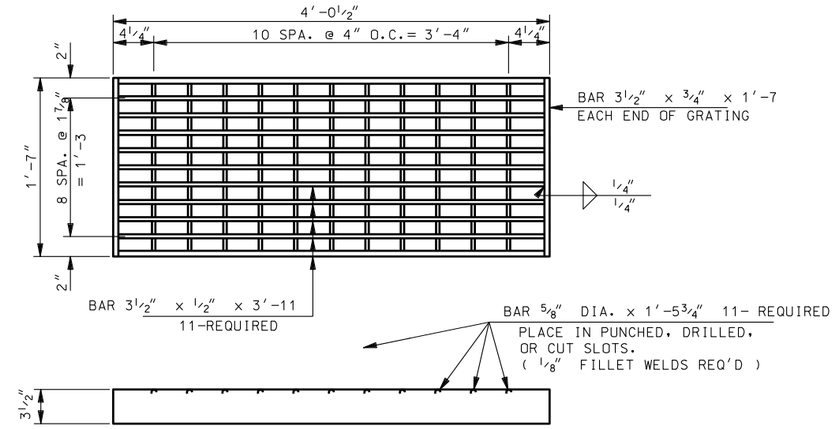


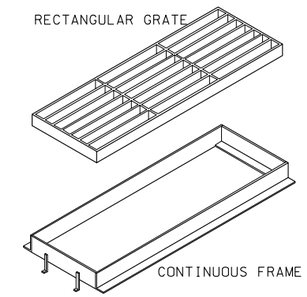
STANDARD GRATING

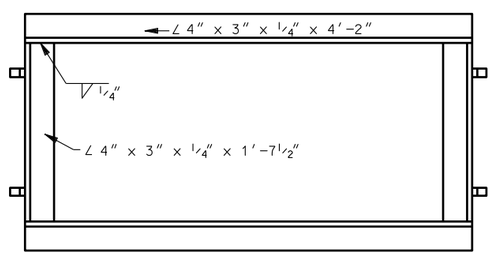
GRATE WEIGHT: 272 LBS

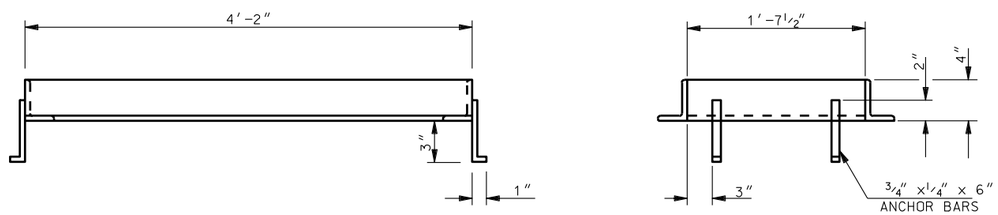


BICYCLE-SAFE GRATING

GRATE WEIGHT: 297 LBS







FRAME

FRAME WEIGHT: 68 LBS

NOTES:

1. HOT-DIP GALVANIZE GRATING AND FRAME AFTER FABRICATION IN ACCORDANCE WITH AASHTO DESIGNATION M 111 (ASTM A 123).
2. STRUCTURAL STEEL GRATING: USE STRUCTURAL CARBON STEEL CONFORMING TO AASHTO DESIGNATION M 270, GRADE 36 (ASTM A 709 GRADE 36).
3. SEE ROADWAY PLANS FOR TYPE OF GRATE REQUIRED.
4. ALL JOINTS REQUIRE 1/4" FILLET WELDS UNLESS NOTED OTHERWISE.

DESIGN DATA

MS 18 (HS-20) OR INTERSTATE ALTERNATE LOADING IN ACCORDANCE WITH CURRENT AASHTO AND INTERIM SPECIFICATIONS.

STRUCTURAL STEEL: fs = 20,000 psi

NO.	DATE	APPR.	REMARKS

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL — JAN.01,2008 DATE
CHAIRMAN STANDARDS COMMITTEE APPROVED — JAN.01,2008 DATE
DEPUTY DIRECTOR

RECTANGULAR GRATE AND FRAME

STANDARD DRAWING TITLE

STD DWG
GF 3

DGN File:L:\Standard.Drawings\Imperial\2008Approved\Grates Frames and Trash Racks (GF)\GF03.dgn
18-DEC-2007