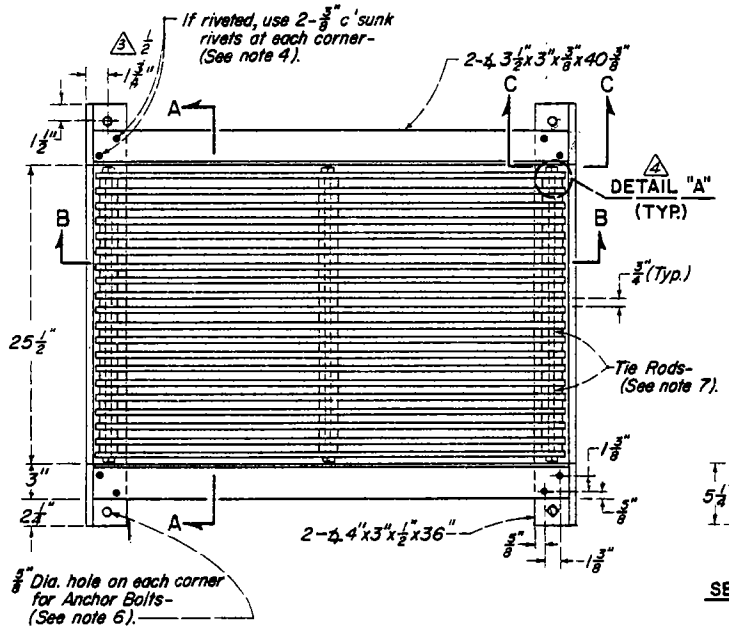
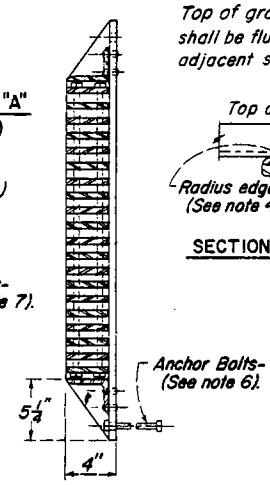
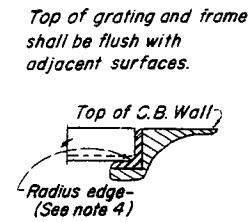


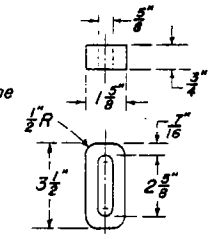
PLAN △1



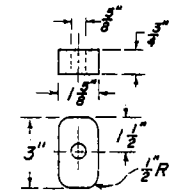
SECTION A-A △1



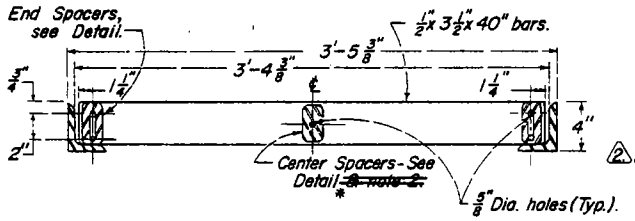
SECTION C-C



END SPACER



CENTER SPACER



+ SECTION B-B

NOTES

△2 △1 1. Center Support Assembly shall be used when two or more gratings are specified for Catch Basins No. 4, 5, 6 or 7. Use 5"-18.9 # (H) Beam 36" long for Catch Basins No. 4 & 5, 44" long for Catch Basin No. 7, ~~Use 6 W 20~~ and 64" long for Catch Basin No. 6. △3 If the front to back dimension of the catch basin is varied, the length of the center support beam shall be varied accordingly.

* △ 2. DELETED

3. All exposed metal parts shall be galvanized. Welding, machining, & drilling shall be done before galvanizing. All dimensions are finished dimensions & include galvanizing.

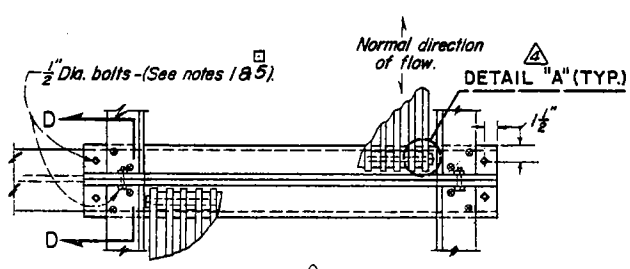
4. Frame may be riveted or welded. Frame & Grating shall be tested for accuracy of fit & shall be marked in sets before delivery.

5. Bolt holes shall be 5/8" Dia. unless otherwise specified. Bolts (not rivets or welds) shall be used to join two or more frames to (H) beam.

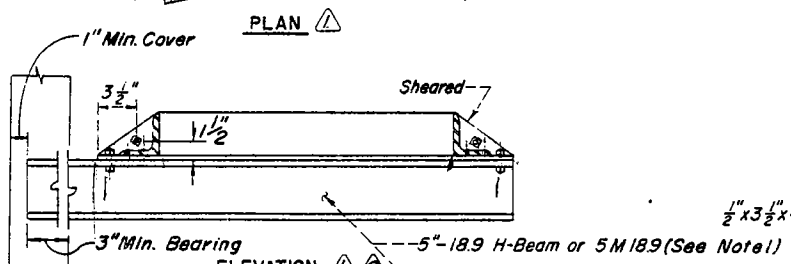
△3 6. Anchor Bolts shall be 1/2" Dia. x 8" with square or hexagonal head & nut.

△4 7. Tie Rods shall be 1/2" Dia. x 25 3/8", threaded 3/4" on bolt ends. Use one, 1/2" Dia. square head nut with one, 1/2" Dia. flat standard washer each end. Tack weld nut to tie rod, (See Detail "A").

\+ 8. All parts shall be of structural grade steel, except spacers, which shall be either cast iron or steel.

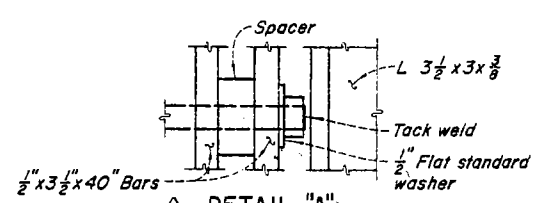


PLAN △1



ELEVATION △1 △2

CENTER SUPPORT ASSEMBLY



△4 DETAIL "A"

SECTION D-D

SUPERSEDES STD. DWG. NO. 2-D106

REVISIONS		
MARK	DATE	DESCRIPTION
+	5-'56	Revised
△	11-'57	Revised
*	12-'57	Note 2, DELETED
⊡	10-'58	Revised
△1	5-9-68	Added
△2	6-19-69	Changed center support Assy. Detail
△3	11-16-73	Revised
△4	9-5-85	Rev. Note 7, Added DETAIL "A"

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

FRAME & GRATING FOR CATCH BASINS

DRAWN BY R.J.P. DESIGNED BY C.M.C.
TRACED BY R.J.P.
CHECKED BY W.H.E.D. SUBMITTED BY [signature]
RECOMMENDED BY [signature] DIVISION ENGINEER (DESIGN)

APPROVED BY [signature] 5/7/56 CHIEF ENGINEER

SCALE NONE | DATE MAY 1956 | NO. 2-D227 | SHEET 1 OF 1