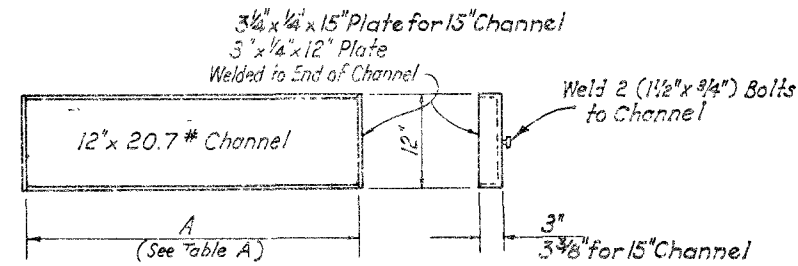
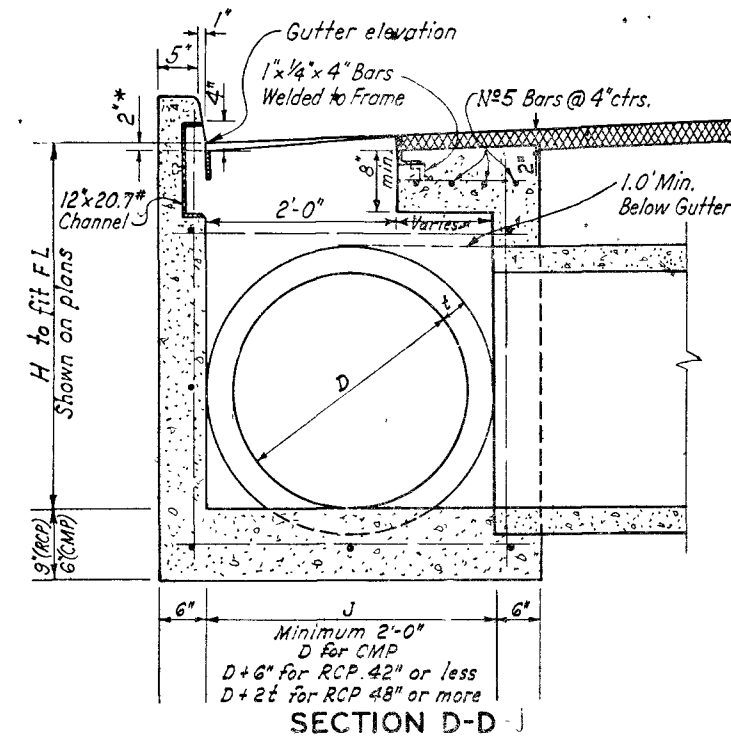
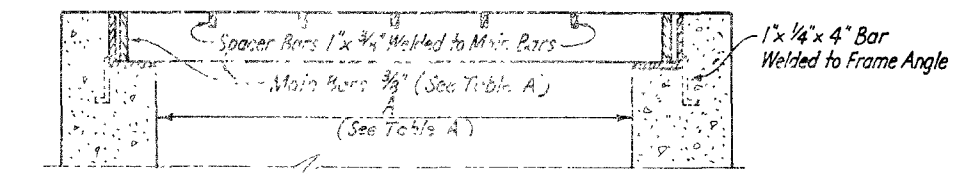
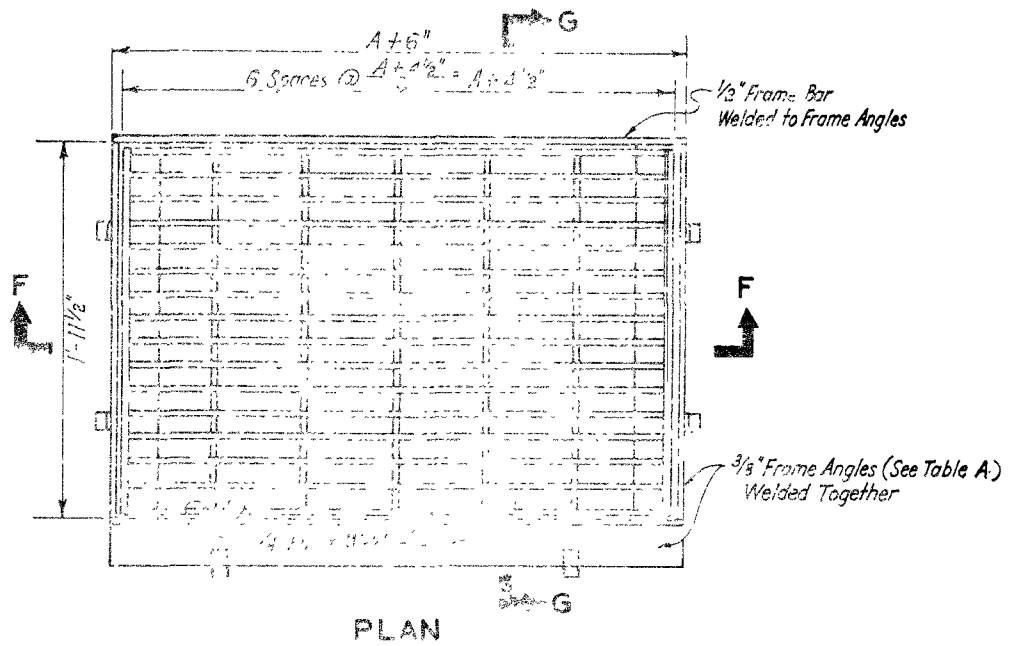
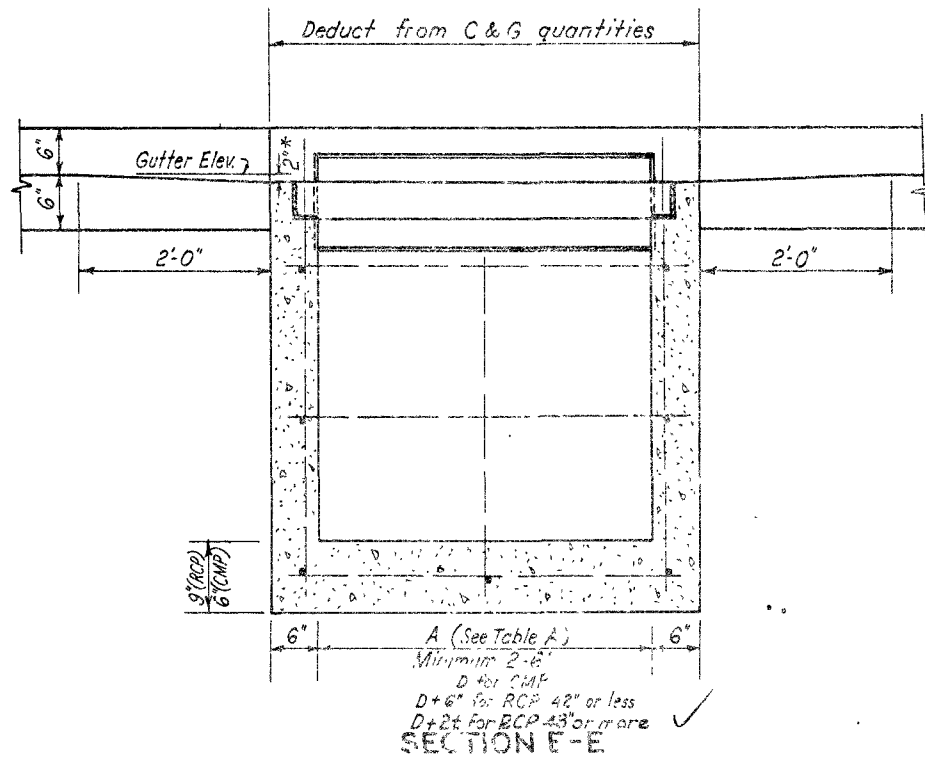


*Use 1" when normal gutter slope is .08' per foot or greater.



*Use 15 x 33.9# Channel for A greater than 4'-0"

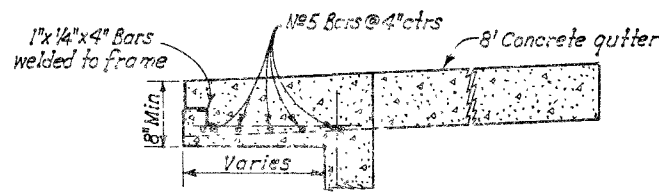
STRUCTURAL STEEL (TABLE A)

PIPE SIZE	A	MAIN BARS	FRAME ANGLES	FRAME BAR	GRATE LBS	FRAME LBS	CHANNEL & PLATES, LBS	TOTAL LBS
30" OR LESS	2'-6"	3 x 3/8"	3 1/2 x 3 x 3/8"	3 1/2 x 1/2"	199	74	57	330
36"	3'-0"	3 1/2 x 3/8"	4 x 3 x 3/4"	4 x 1/2"	265	88	67	420
42"	3'-6"	4 x 3/8"	4 1/2 x 3 x 3/8"	4 1/2 x 1/2"	348	106	78	530
48"	4'-0"	4 x 3/8"	4 1/2 x 3 x 3/8"	4 1/2 x 1/2"	387	115	88	590
54"	4'-6"	4 1/2 x 3/8"	5 x 3 x 3/8"	5 x 1/2"	473	132	161	766
60"	5'-0"	5 x 3/8"	5 1/2 x 3 x 3/8"	5 1/2 x 1/2"	575	152	178	905

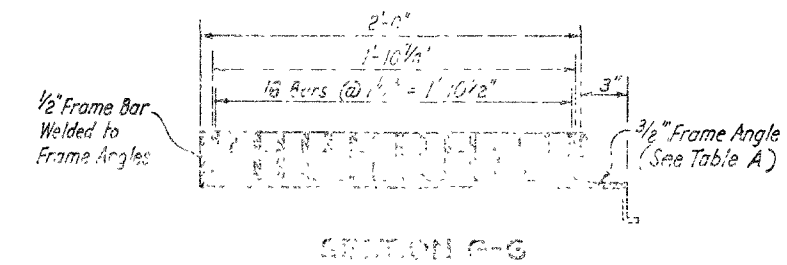
TABLE B
MAXIMUM H

J or A	H
30" or less	21'-0"
36"	16'-0"
42"	12'-0"
48"	9'-0"
54"	7'-0"
60"	7'-0"

with #4 bars @ 12" ctrs



SECTION
8' CONCRETE GUTTER



GRATE AND FRAME DETAIL

GENERAL NOTES

- All concrete shall be Class A or AA.
- All reinforcing steel shall be tightly embedded and embedded 1" clear of concrete surface. Excavations; all reinforcing steel shall be N#4 bars with maximum space at 18" centers, for all values of H to the maximum as shown in table B. If it is found that these maximums, drop inlet will require special design.
- Exposed edges of concrete shall be chamfered 1/2" using one inch triangular mallet in finish.

107V 3833

151

STATE OF NEVADA
DEPARTMENT OF HIGHWAYS

STANDARD
TYPE 3 DROP INLET
SHEET 1

59051