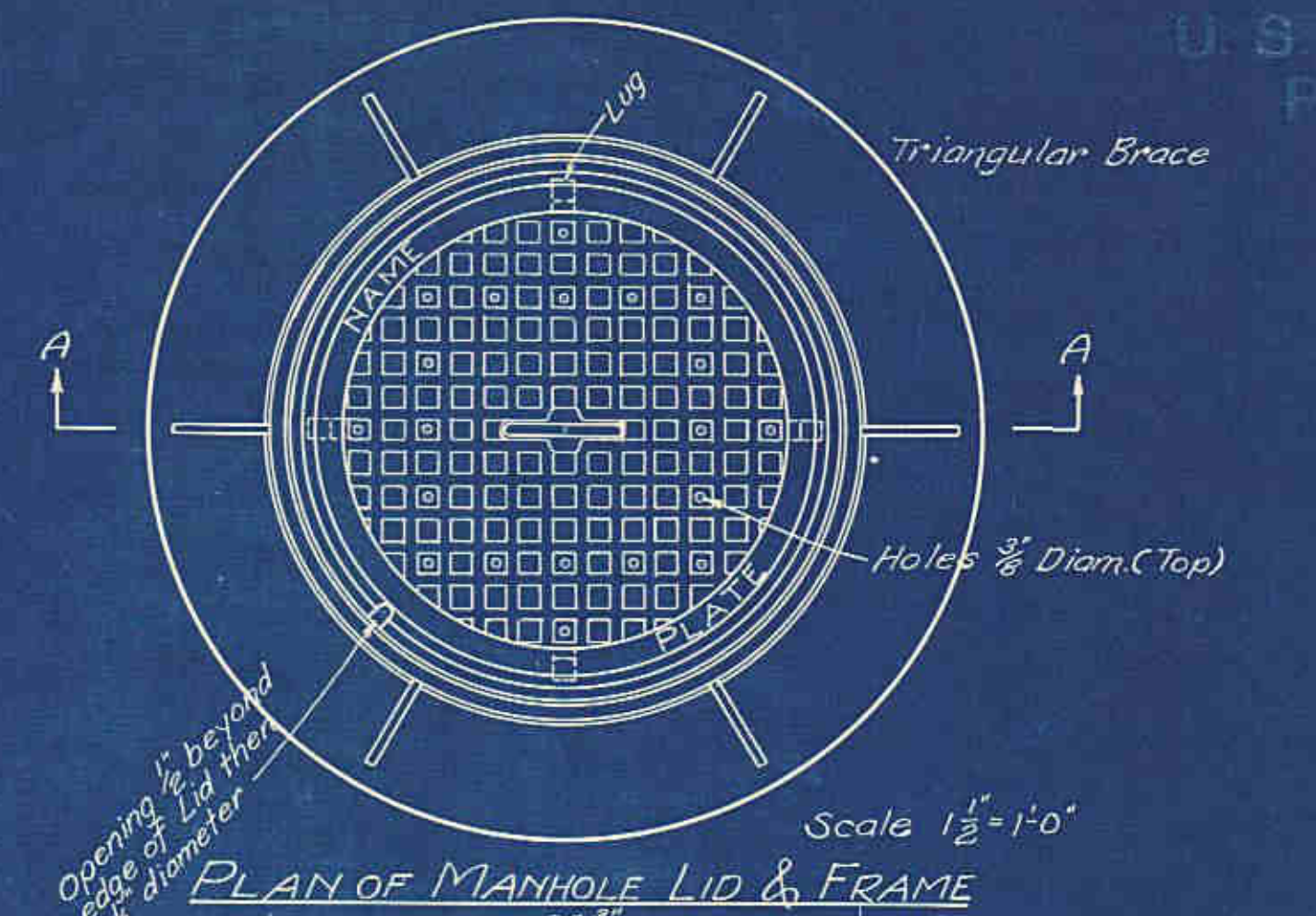
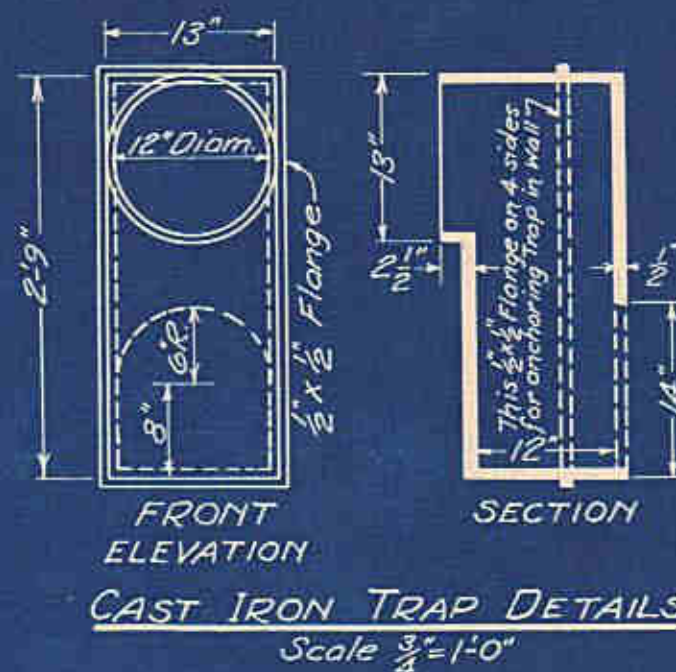
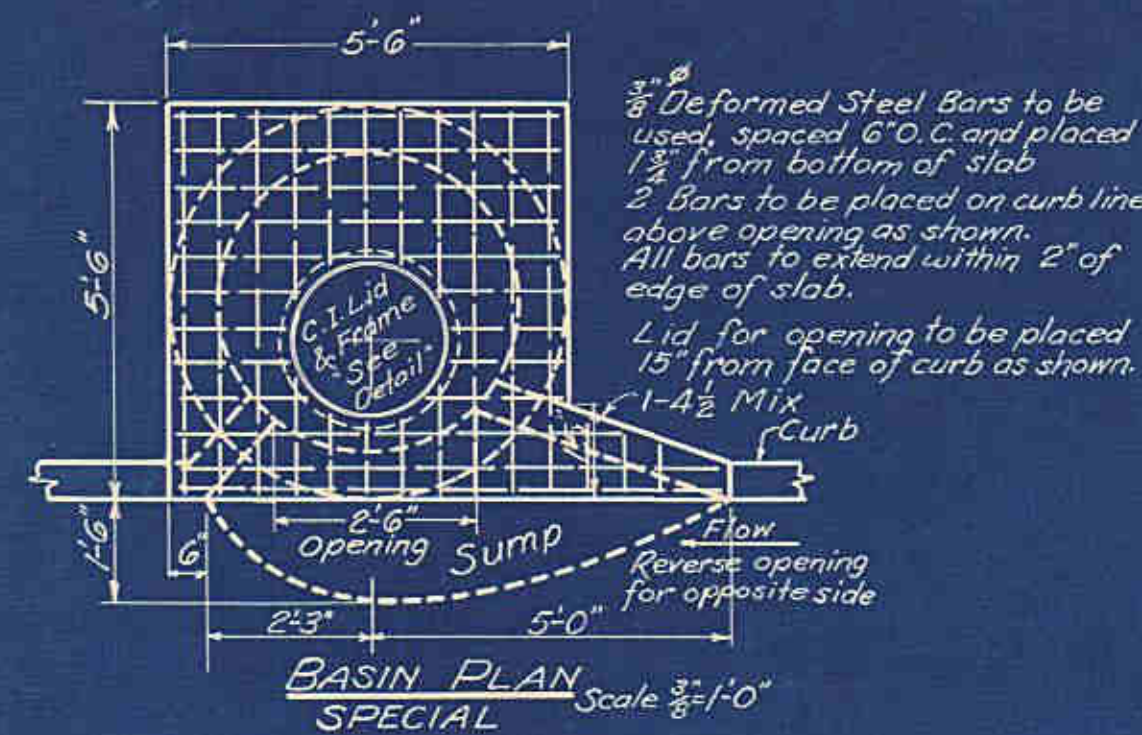




SPECIAL CATCH BASIN QUANTITIES

Excavation----- 9.20 Cu.Yds.
No. of 3"x4"x8" Vitrified Paving Brick----- 580
Mortar (1-2 Mix)----- 1.15 Cu.Yds.
Concrete for Top & Sump----- 0.60 "
Reinforcing Steel #4----- 39.90 Lbs.
Cast Iron Trap----- 1
Cast Iron Frame & Lid----- 1

SPECIAL INLET QUANTITIES

Excavation----- 4.30 Cu.Yds.
No. of 3"x4"x8" Vitrified Paving Brick----- 580
Mortar (1-2 Mix)----- 0.60 Cu.Yds.
Concrete Top, Sump & Slope----- 0.90 "
Reinforcing Steel #4----- 39.90 Lbs.
Cast Iron Frame & Lid----- 1

REINFORCING STEEL FOR ONE TOP				
SIZE	SHAPE	LENGTH	NO REQ'D	WEIGHT
3/8"	Straight	7'-5"	2	5.64 Lbs.
"	"	5'-9"	1	2.19 "
"	"	5'-2"	12	23.38 "
"	"	2'-1"	2	1.56 "
"	"	2'-0"	1	.76 "
"	"	1'-7"	4	2.40 "
"	"	1'-4"	4	2.04 "
"	"	1'-0"	2	.76 "
"	"	0'-10"	1	.32 "
"	"	0'-9"	1	.25 "
"	"	0'-7"	1	.22 "
"	"	0'-4"	1	.13 "
Total Weight =				39.90 Lbs.

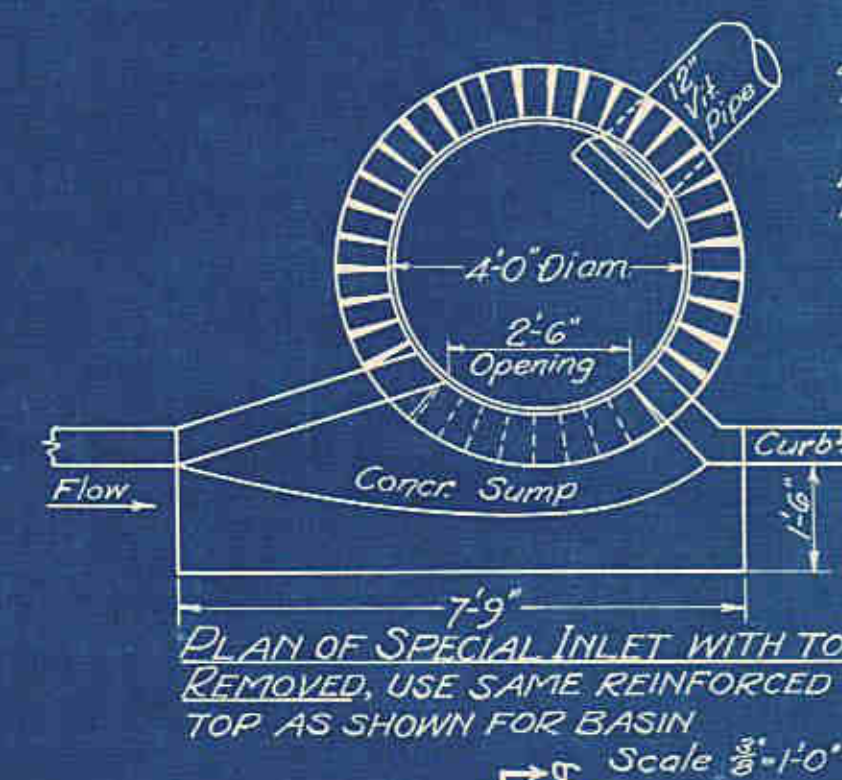
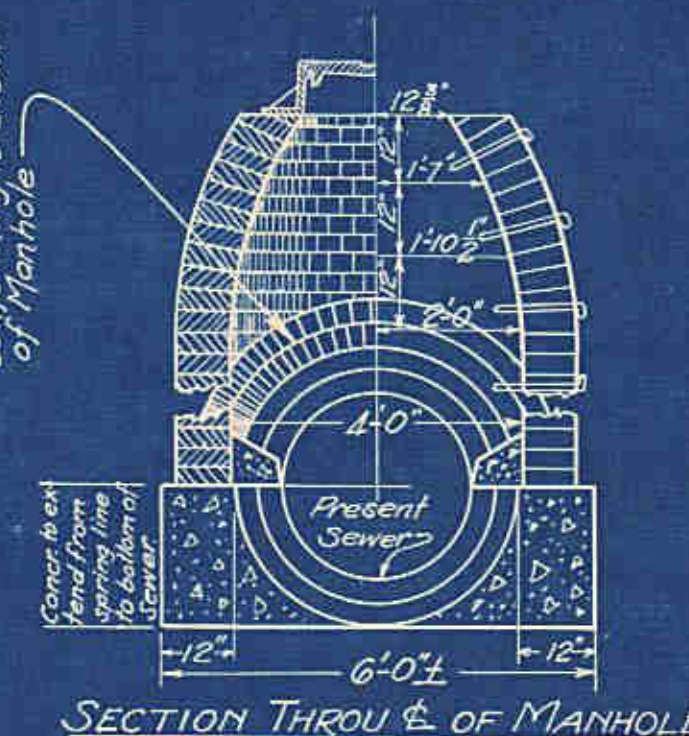
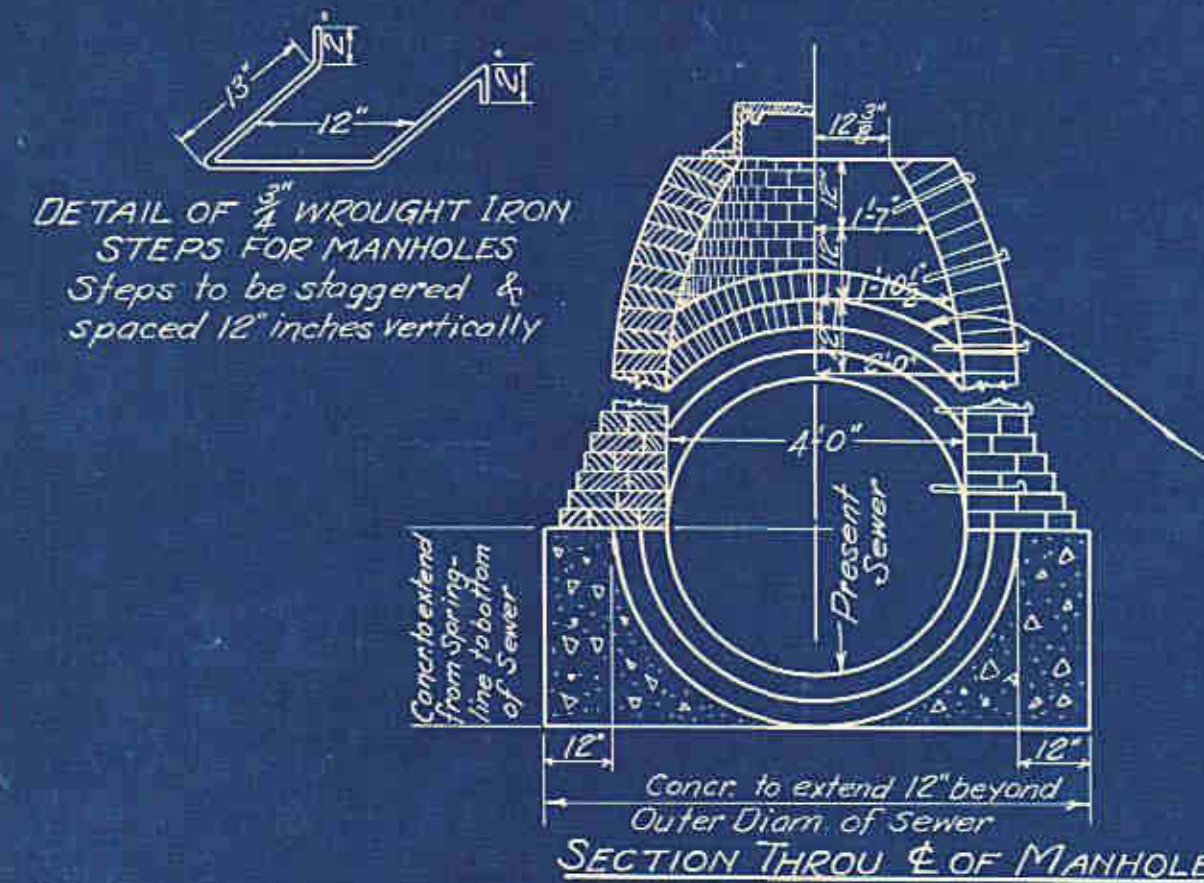
APPROXIMATE QUANTITIES FOR SPECIAL MANHOLE NO 1

Assumed depth from pavement to F.L. = 9'-0"
Inside diameter of Sewer 4'-0"
Excavation 15.36 Cu.Y
No. of 3"x4"x8" Vit Paving Brick 850
Mortar (1-2 Mix) 1.00 Cu.Yds.
Concrete (1-4 1/2 Mix) 2.70 Cu.Yds.
Wrought Iron Steps 5
Cast Iron Top 1

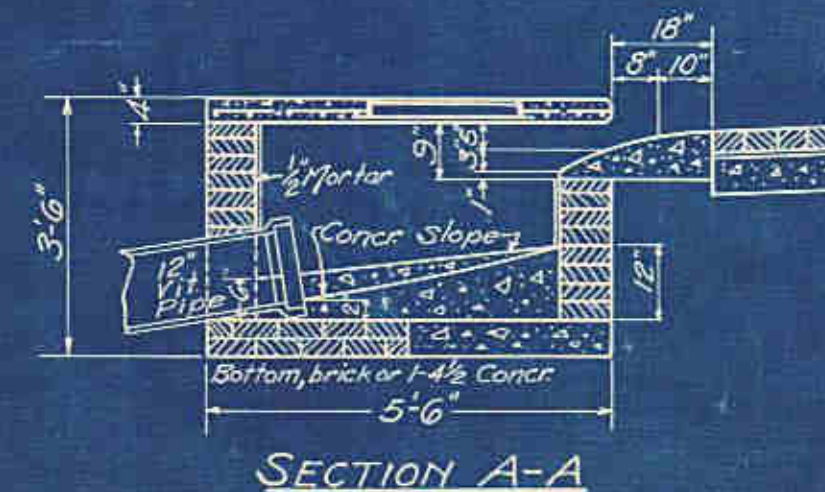
APPROXIMATE QUANTITIES FOR SPECIAL MANHOLE NO 2

Assumed depth from pavement to F.L. = 8'-0"
Inside diameter of sewer 2'-6"
Excavation 12.70 Cu.Yds.
No. of 3"x4"x8" Vit Paving Brick 700
Mortar (1-2 Mix) 0.85 Cu.Yds.
Concrete (1-4 1/2 Mix) 1.60 Cu.Yds.
Wrought Iron Steps 5
Cast Iron Top 1

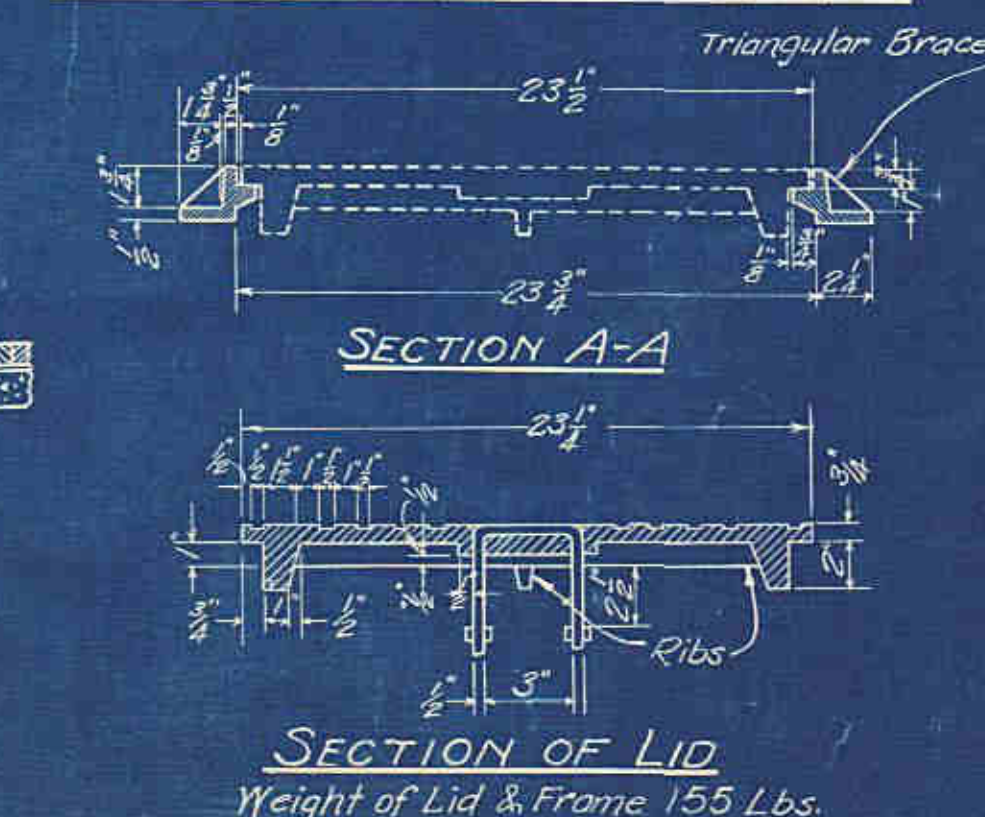
NOTE - The depth and exact location of the existing sewer is not known as all records have been destroyed by fire. The existing manhole opposite 8th St has a depth of 8'-9" and the one at Court Alley has a depth of 9'-1".



FRONT ELEVATION OF SPECIAL INLET WITH TOP IN PLACE



PLAN OF BASIN & INLET LID & FRAME Scale 1 1/2"=1'-0"



NOTE: USE ONLY PERTINENT DATA SHOWN ON THIS SHEET.

BASINS & INLETS

Detailed drawings of forms for constructing Basin & Special Inlet sump and opening may be obtained from the City Engineers Office.

All abandoned Catch Basins & Inlets, to have old pipe openings sealed with a 9 inch wall of brick & Mortar & at the expense of the Contractor. Where deemed practical by the Engineer, new Basins & Inlets may be connected with old Basin & Inlet openings, using such Vit. curves, brick or concrete work as may be directed, to insure a satisfactory connection, & the cost of such curves, brick or concrete work, to be included in the price bid for 12" Sewer. All Basin & Inlet drains to be jointed with jute & a compound equal in quality to G-K Sewer Joint Compound.

SIDEWALK REPAIRS

Where new curb grades interfere too much with existing sidewalks, remove and replace first block back of curb for length required. All other sidewalks to be removed for a width of 6 inches (with neat cutting for straight edges) to allow for forming & same replaced with new Concrete. Expansion joints to be provided between all curbs & sidewalks for the depth of the walk, and to be included in the price bid per Sq. Ft. of sidewalk.

MANHOLE TOPS, ETC.

All old manhole tops shall be replaced with new tops as shown, detailed drawings of which may be obtained from City Engineers Office. The price bid for new manhole tops shall include the building up or cutting down of Manholes as may be necessary. All fixtures & valve boxes shall be brought to the proper grade & painted with asphalt as per specifications.