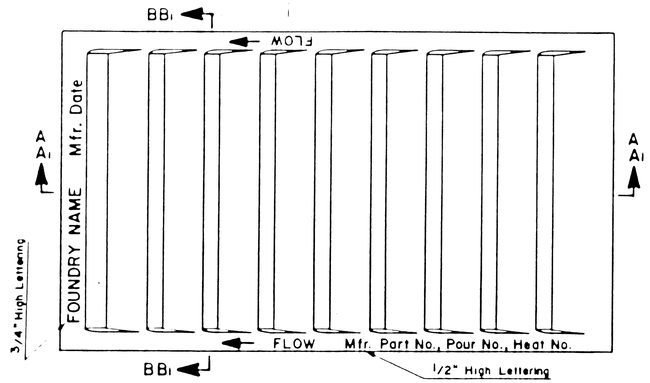
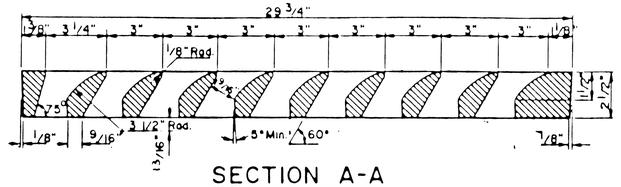
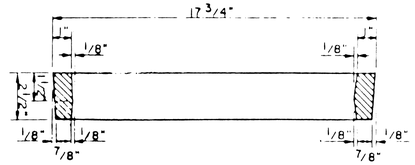


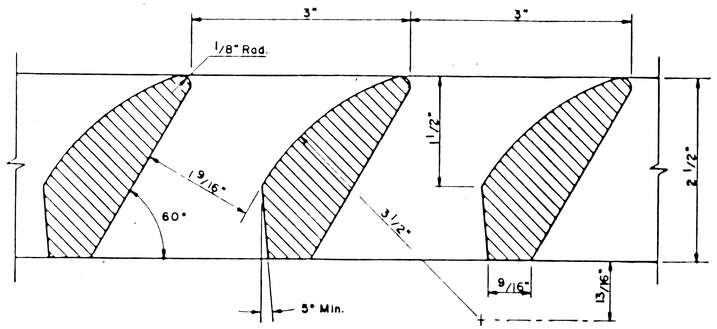
PLAN
VANE GRATE
TYPE VG-F (FRAME INSTALLATION)



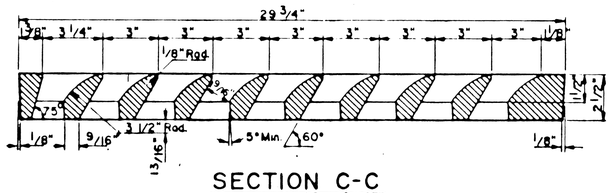
SECTION A-A
FRAME TYPE



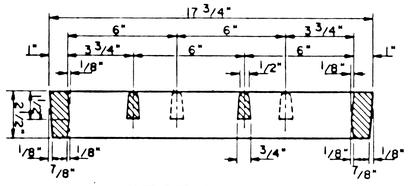
SECTION B-B
FRAME TYPE



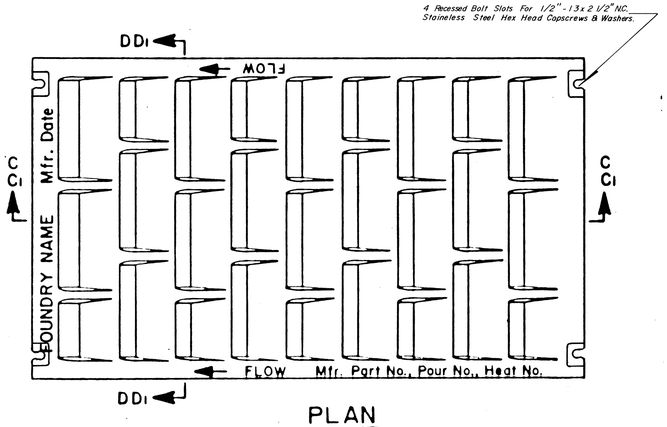
TYPICAL SECTION THRU VANES



SECTION C-C
FRAME TYPE



SECTION D-D
FRAME TYPE



PLAN
RIBBED VANE GRATE
TYPE RVG-F (FRAME INSTALLATION)

GENERAL NOTES

ALL CONSTRUCTION AND MATERIALS REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS.

FRAME TYPE GRATES, VANE OR RIBBED VANE, ARE NOT TO BE USED IN TRENCH INSTALLATIONS.

GRATES SHALL BE INSTALLED IN FRAME WITH FLOW ARROW POINTING DOWNSTREAM OR TOWARD THE LOW POINT IN A SUMP.

ALL LETTERING TO BE RECESSED 1/16". INFORMATION REQUIRED SHALL BE SUFFICIENT FOR IDENTIFICATION AS SHOWN.

GRATES SHALL BE CAST STEEL, DUCTILE IRON, OR GRAY IRON CONFORMING TO SECTION 725 OF THE CURRENT SPECIFICATIONS.

PAVING AND DRAINAGE MAINTENANCE BOND:

FIRST YEAR	– 100% OF CONSTRUCTION COST
SECOND YEAR	– 80% OF CONSTRUCTION COST
THIRD YEAR	– 75% OF CONSTRUCTION COST
FOURTH YEAR	– 50% OF CONSTRUCTION COST
FIFTH YEAR	– 25% OF CONSTRUCTION COST

TYPE VG-F VANE GRATE FRAME TYPE
TYPE RVG-F RIBBED VANE GRATE FRAME TYPE

APPROVED Gene W. Sayers
Gene W. Sayers
City Engineer

ORDINANCE No. 291 9-3-85

D-4

DESIGN STANDARD DETAILS
CITY OF CHOCTAW OKLAHOMA

STANDARD CAST INLET GRATE
VANE GRATE TYPE FOR FRAME INSTALLATION

BY: DESIGN ENGINEERS, INC. LATEST REVISION 1-1-88 3-15-01