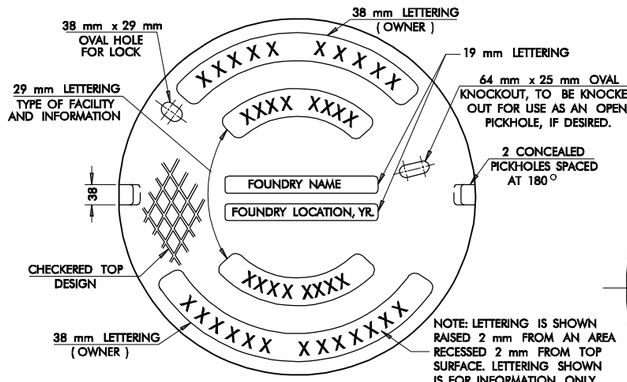
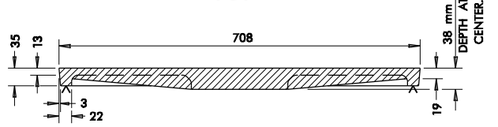
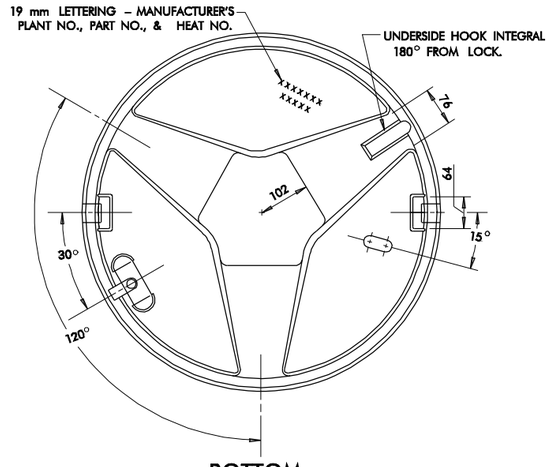
REVISIONS		
DESCRIPTION		DATE
RE-ISSUE W/METRIC 1999 SPECS.		7/99

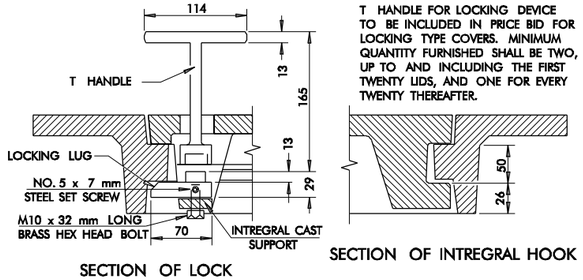


PLATEN LID WITH LOCK
TOP





BOTTOM



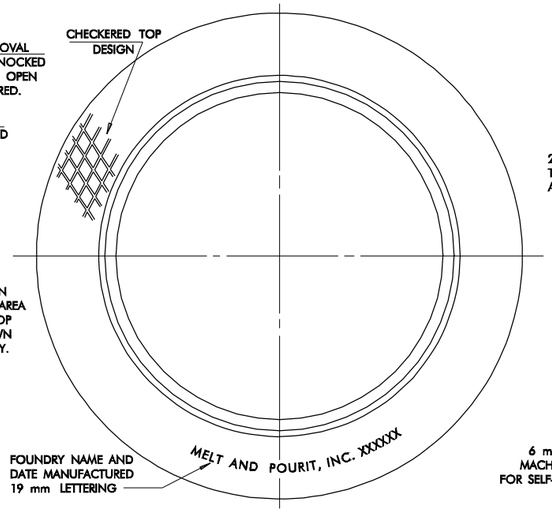
SECTION OF LOCK

T HANDLE FOR LOCKING DEVICE TO BE INCLUDED IN PRICE BID FOR LOCKING TYPE COVERS. MINIMUM QUANTITY FURNISHED SHALL BE TWO, UP TO AND INCLUDING THE FIRST TWENTY LIDS, AND ONE FOR EVERY TWENTY THEREAFTER.

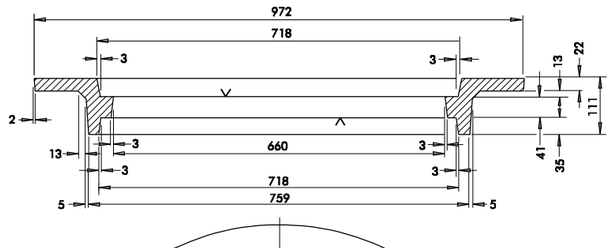
SECTION OF INTREGRAL HOOK

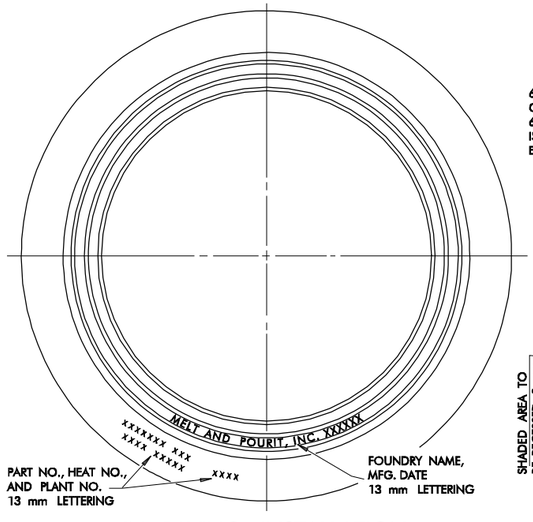
LOCK AND INTREGRAL HOOK SECTIONS SHOWN FOR RIBBED LID. PLATEN LID SIMILAR.

REVERSIBLE FRAME

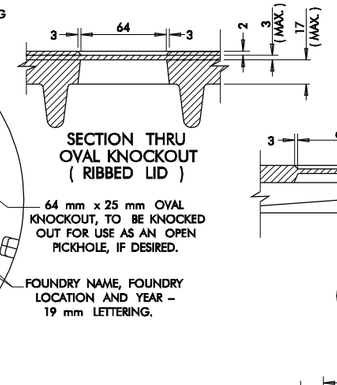


OUT OF PAVING INSTALLATION

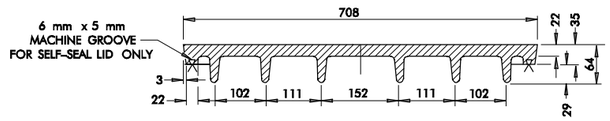


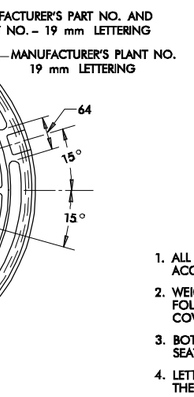


IN PAVING INSTALLATION



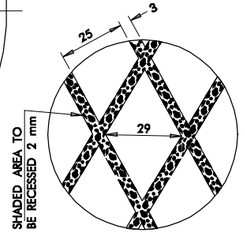
RIBBED LID WITH SELF–SEAL SEAT
TOP





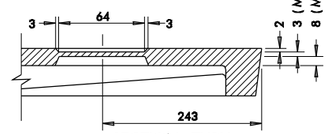
6 mm x 5 mm DOVE TAIL GROOVE IN LID SEAT FOR 6 mm DIA. x 2108 mm POLY–ISOPRENE–40 DUROMETER GASKET OR EQUAL. APPLIES TO SELF SEAL LID ONLY.

BOTTOM

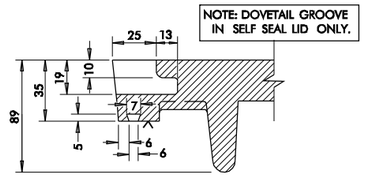


CHECKERED DESIGN DETAIL

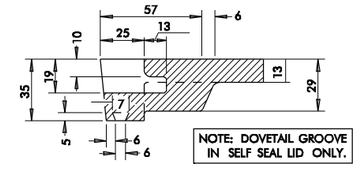
SECTION THRU
OVAL KNOCKOUT
(RIBBED LID)



SECTION THRU
OVAL KNOCKOUT
(PLATEN LID ONLY)



SECTION THRU PICKHOLE
(RIBBED LID)



SECTION THRU PICKHOLE
(PLATEN LID)

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 1999 METRIC STANDARD SPECIFICATIONS.
2. WEIGHTS ARE APPROXIMATE AND AVERAGE. DEVIATIONS FROM THE FOLLOWING SHALL NOT EXCEED 5% PLUS OR MINUS. FRAME –109 kg, COVER (RIBBED) – 93 kg, COVER (PLATEN) – 63.5 kg.
3. BOTH PLATEN AND RIBBED LIDS MAY BE FURNISHED WITH A PLAIN SEAT, A SELF–SEAL SEAT OR A LOCKING DEVICE.
4. LETTERING TO DENOTE OWNERSHIP AND TYPE OF USAGE WILL BE AT THE DISCRETION OF THE OWNER.
5. FRAMES AND COVERS SHALL BE CAST STEEL, DUCTILE IRON, OR GRAY IRON CONFORMING TO SECTION 725 OF THE 1999 METRIC STANDARD SPECIFICATIONS.

   NOTE: MACHINING (SYMBOL ∧) MAY BE ACCOMPLISHED BY MILLING OR BY LEVEL GRINDING.

MANHOLE COVER NOMENCLATURE	
RL–PS =	RIBBED LID, PLAIN SEAT
RL–SS =	RIBBED LID, SELF SEAL
RL–LK =	RIBBED LID, LOCKING
PL–PS =	PLATEN LID, PLAIN SEAT
PL–SS =	PLATEN LID, SELF SEAL
PL–LK =	PLATEN LID, LOCKING

THIS NOMENCLATURE TO BE USED FOR ORDER DESCRIPTION. PAY QUANTITY SHOULD BE SEGREGATED INTO VARIOUS TYPES OF COVER OVER THE PROJECT.

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
611.06 (D)	MANHOLE FRAME AND COVER	EACH
611.06 (D)	MANHOLE COVER	EACH
611.06 (D)	MANHOLE FRAME	EACH
611.06 (D)	MANHOLE COVER GRATE ▲	EACH

▲ SEE 1999 METRIC STANDARD DRAWING CIG–2

APPROVED BY ROADWAY ENGINEER — DATE

OKLAHOMA DEPT. OF TRANSPORTATION
ROADWAY STANDARD (METRIC)

MANHOLE FRAME AND COVER

1999 SPECIFICATIONS	MFC–3	00M
ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED.		R–83M