



- NOTE: 1) ALL ALUMINUM SURFACES IN CONTACT WITH CONCRETE SHALL RECEIVE 2 COATS OF BITUMINOUS PAINT.
 2) WELDING SHALL CONFORM TO CSA W47.2-R2008 CSA W59.2-R2008
 3) REINFORCED TO WITHSTAND A LIVE LOAD OF 7.2KPA OR 9.0 KN OVER A 750X750 SQUARE AREA



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#	QTY.	MATERIAL	DESCRIPTION
1	4	ALUMINUM 6351-T6	FRAME EXTRUSION #P5709-1
2	2	ALUMINUM 6061-T6	3/8" PLATE
3	AS REQ.	ALUMINUM 6061-T6	1/4" X 3" REINFORCING BARS
4	32	ALUMINUM 6061-T6	CAST ANCHORS 1/4X1 1/2 X 2 1/2 ANGLE
5	1	ALUMINUM 6061-T6	1" X 2" DRIP CHANNEL
6	1	BLACK CORD NEOPRENE	PERIMETER SEALING GASKET (INT.)
7	AS REQ.	STAINLESS STEEL 316	GAS SPRING ASSIST CYLINDER C/W ALUM. MOUNTING BRACKETS 2500 NEWTON EACH
8	2	STAINLESS STEEL 316	CONT. FORMED HINGE C/W 1/4" TAMPERPROOF FASTENERS &
9	4	STAINLESS STEEL 316	90 DEG. HOLD OPEN ARM C/W 1/4"Ø ALUMINUM ROD HANDLE
10	2	STAINLESS STEEL 316	SLAM LOCK C/W ALUM. REMOVABLE SEALING PLUG AND OPENING TOOL AND BRASS TAMPER PROOF TOP CAP
11	1	ALUMINUM 6061-T6	1 1/2" NOM. PIPE HALF-COUPLING C/W 1 1/2" ABS ADAPTER/ELBOW
12	6	ALUMINUM 6351-T6	1 1/4 X 1 1/4 X 1/4 ANGLE WELDED TO TOP OF PLATE
13	4	ALUMINUM 6061-T6	1 1/4" X 1/2" FLAT BAR TO BE WELDED TO TOP OF FRAME
14	160	ALUMINUM 6063-T5	1/2 X 1/2 X 1/8 ANGLE WELDED TO LID EVERY 6" SQUARED
15	2	ALUMINUM 6061-T6	6 X 2 1/2 X 1/4" C-CHANNEL
16	4	ALUMINUM 6061-T6	FLUSH LIFTING HANDLE SEALED BOX FLUSH WITH TOP OF HATCH AND TAMPERPROOF BOLT
17	2	STAINLESS STEEL 316	3/16 SAFETY CHAIN C/W SNAP HOOK
18	40	SM INSULATION	2" SM INSULATION UNDERSIDE OF COVER C/W 3/16X1 1/2 ALUMINUM SECURE STRIPS
19	2	ALUMINUM 6351-T6	46 X 25X 6MM ANGLE WELDED TO TOP OF PLATE HINGE SIDE ONLY

WELDS FOR STIFFENERS TO PAN, CHANNEL TO PAN, STIFFENERS TO CHANNEL, ETC ARE STANDARD 1/4 X 3" FILLET WELDS AT 12" ON CENTERS, STAGGERED EACH SIDE OF MEMBER.

PROJECT	LOCATION PROJECT
CONTRACTOR	CONTRACTOR
ARCHT/ENGR	ENGINEER
QTY.	PROJECT NO.
1	#

TITLE					
ALLUMINUM ACCESS HATCH					
MSU TYPE-MPAN HATCH 1830 X 2400MM					
NO.	DATE	BY	DATE	DWG. BY	PLN. NO.
1				SCJ	CATA
SCALE			NTS		
DWG. NO.			MPAN-2		