



#	QTY.	MATERIAL	DESCRIPTION
1	3	ALUM. 6061-T6	76 X 76 X 10 PERIMETER ANGLE ROLLED AND WELDED CONSTRUCTION
2	2	ALUM. 6061-T6	203 X 76 X 6.4mm CHANNEL SUPPORT
3	1	ALUM. 6061-T6	127X76X8mm SUPPORT ANGLES
4	2	ALUM. 6061-T6	102X102X13mm BRACKET
5	4	STAINLESS STEEL 316	102X102X6.4mm BRACKET
6	16	STAINLESS STEEL 316	1/2" X 1 3/4" LG. BOLT C/W NUT, FLAT AND LOCK WASHER
7	25	STAINLESS STEEL 316	1/2" X 3 3/4" HILTI K.B. II ANCHOR C/W NUT FLAT AND LOCK WASHER
8	11	ALUMINUM 6351-T6	BORDEN GRATE B#6 1 1/4X3/16" BANDED C/W S.S. HOLDDOWN CLIPS
9	2	ALUMINUM 6061-T6	SELF LOCKING GRATING HINGE C/W 1/2X3/4"S.S. BLT, NUT FLT & WSHR
10	8	STAINLESS STEEL 316	5/8" X 6" HILTI K.B. II ANCHOR C/W NUT FLAT AND LOCK WASHER
11	4	ALUM. 6061-T6	51 X 51 X 6MM ANGLE STIFFENER

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- NOTE:
- 1) ALL ALUMINUM SURFACES IN CONTACT WITH CONCRETE SHALL RECEIVE 2 COATS OF BITUMINOUS PAINT.
 - 2) WELDING SHALL CONFORM TO CSA W47.2 & CSA W59.2
 - 3) WELDED SURFACES REMAIN AS WELDED.
 - 4) REINFORCED TO WITHSTAND A LIVE LOAD OF 100 LBS/SQ.FT (4.8KPa) AND A CONCENTRATED LOAD OF 1.1KN WITH MAX DEFLECTION OF 1/150th OF THE SPAN.



REVIEWED
VIRTUAL#25417



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

TITLE					
ALUMINUM GRATING SAFETY LANDING FOR 3048mm DIA. STRUCTURE					
NO.	DATE	BY	DATE	DWG. BY: SCJ	DWG. NO. CATA
1			##/##/##	DESIGNED BY:	GSL-2
2			SCALE NTS		