

6

5

4

3

2

1

REV	REVISION DESCRIPTION	LOG NO.	REV BY	CHK BY	APPROVAL AND DATE
A	DRAWING RELEASED	---	WJC		

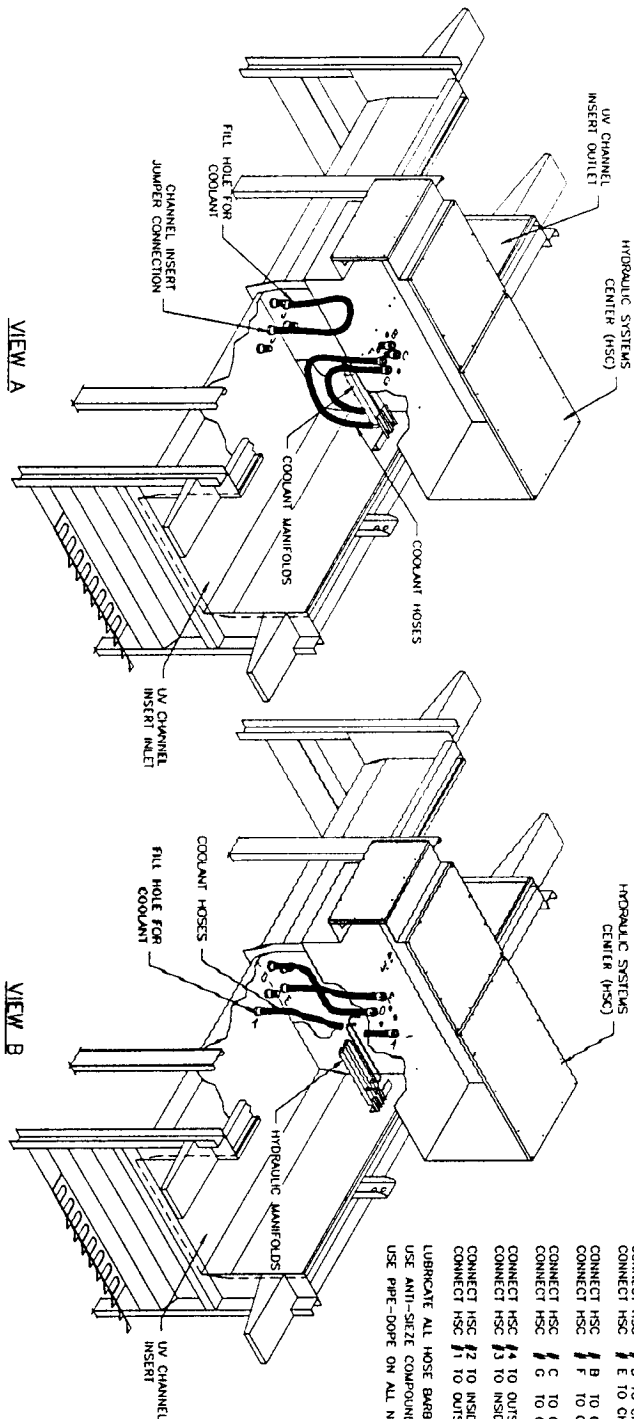
### NOTES:

BEFORE ANY HOSE CONNECTIONS ARE TO BE MADE, THE REACTOR MUST BE FILLED WITH COOLANT, AS IT IS SHIPPED EMPTY.

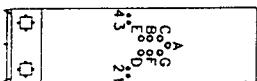
USE HOSE BARB / J ON OUTLET SIDE OF REACTOR AND HOSE BARB / A ON INLET SIDE OF REACTOR FOR FILL HOLES.

ONCE REACTOR HAS BEEN FILLED, HOSE CONNECTION CAN BE MADE.

- CONNECT CHANNEL INSERT JUMPER J TO J (10 ft required)
- CONNECT HSC / A TO CHANNEL INSERT / A (8ft required)
- CONNECT HSC / D TO CHANNEL INSERT / D (8ft required)
- CONNECT HSC / E TO CHANNEL INSERT / E (8ft required)
- CONNECT HSC / B TO COOLANT SUPPLY MANIFOLD (some side as B: 6ft required)
- CONNECT HSC / F TO COOLANT SUPPLY MANIFOLD (some side as F: 6ft required)
- CONNECT HSC / C TO COOLANT RETURN MANIFOLD (some side as C: 6ft required)
- CONNECT HSC / G TO COOLANT RETURN MANIFOLD (some side as G: 6ft required)
- CONNECT HSC / I TO INSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / J TO INSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / K TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / L TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / M TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / N TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / O TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / P TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / Q TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / R TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / S TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / T TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / U TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / V TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / W TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / X TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / Y TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- CONNECT HSC / Z TO OUTSIDE HYDRAULIC MANIFOLD (some side)
- LUBRICATE ALL HOSE BARB CONNECTIONS.
- USE ANTI-SEIZE COMPOUND ON ALL 1/4" HOSE CLAMP THREADS.
- USE PIPE-DOPE ON ALL NPT THREADS.



PLAN VIEW OF HSC



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES: 3 PL DEC ± N/A

ANGLE ± N/A

REMOVE ALL BURRS

ALL CORNERS R 0.010 OR BREAK

▽ DENOTES CRITICAL DIMENSIONS



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LONDON, ONTARIO, CANADA

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DESCRIPTION

HSC/CHANNEL INSERT CONNECTIONS



THIRD ANGLE PROJECTION

0 0.5 1.0  
1.0" ON ORIGINAL DWG

SCALE: 1:36

PART NO.

REV

4M00126

DWG NO.

SHEET 1 OF 1

SHEET B

6

5

4

3

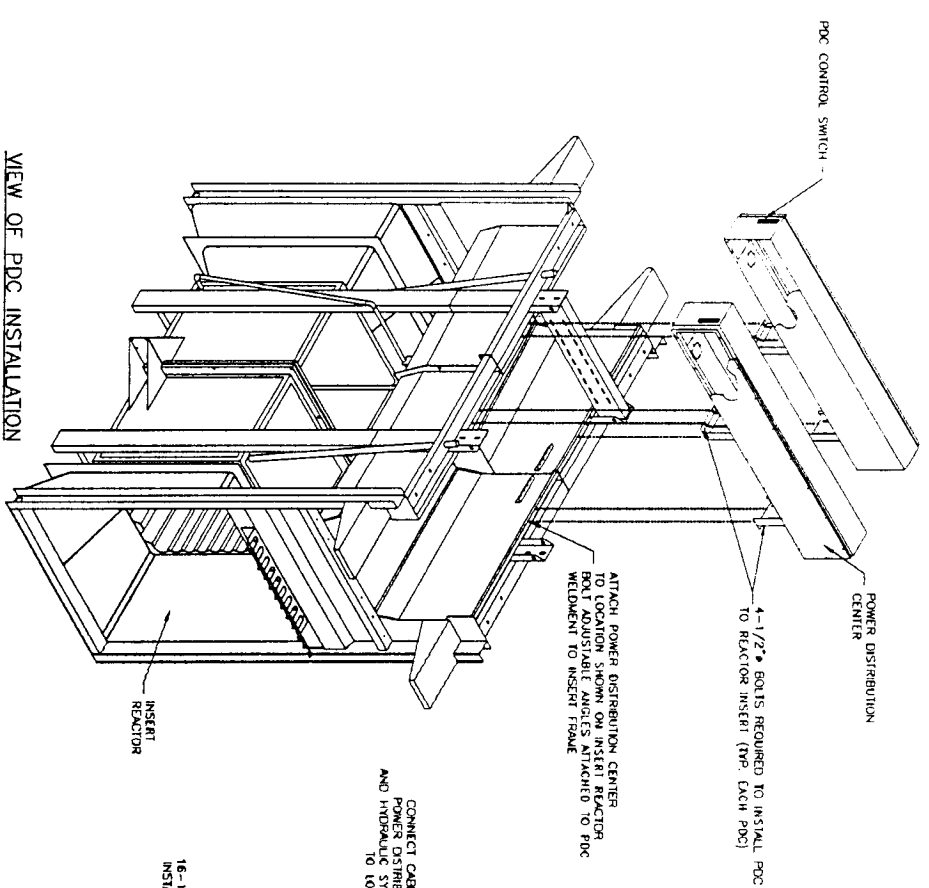
2

1

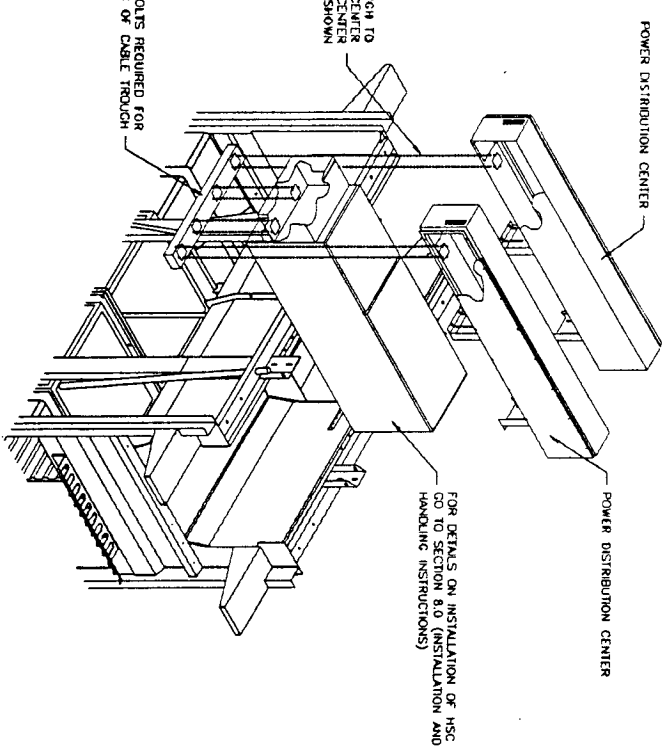
REV	REVISION DESCRIPTION	LOG NO.	REV	CHK	APPROVAL
A	DRAWING RELEASED	--	WJG	BY	AND DATE

### NOTES

- 1/ POSITION POWER DISTRIBUTION CENTERS ON EITHER SIDE OF HSC. ENSURE POWER DISTRIBUTION NAMEPLATES CORRESPOND WITH NAMEPLATES IN INSERT.
- 2/ ADJUSTABLE ANGLES REQUIRED TO INSTALL POWER DISTRIBUTION CENTERS ARE ATTACHED TO PDC WELDMENT BEFORE SHIPPING.
- 3/ BEFORE CABLE TROUGH IS TO BE ATTACHED - POWER DISTRIBUTION CENTER AND HYDRAULIC SYSTEMS CENTER SHOULD BE IN FINAL RESTING POSITION




VIEW OF PDC INSTALLATION

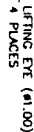
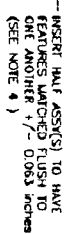


ASSEMBLY OF CABLE TROUGH TO HSC & PDC

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES: 2 PL DEC  $\pm$  N/A  
3 PL DEC  $\pm$  N/A  
ANGLE  $\pm$  N/A  
REMOVE ALL BURRS  
ALL CORNERS R 0.010 OR BREAK  
▽ DENOTES CRITICAL DIMENSIONS

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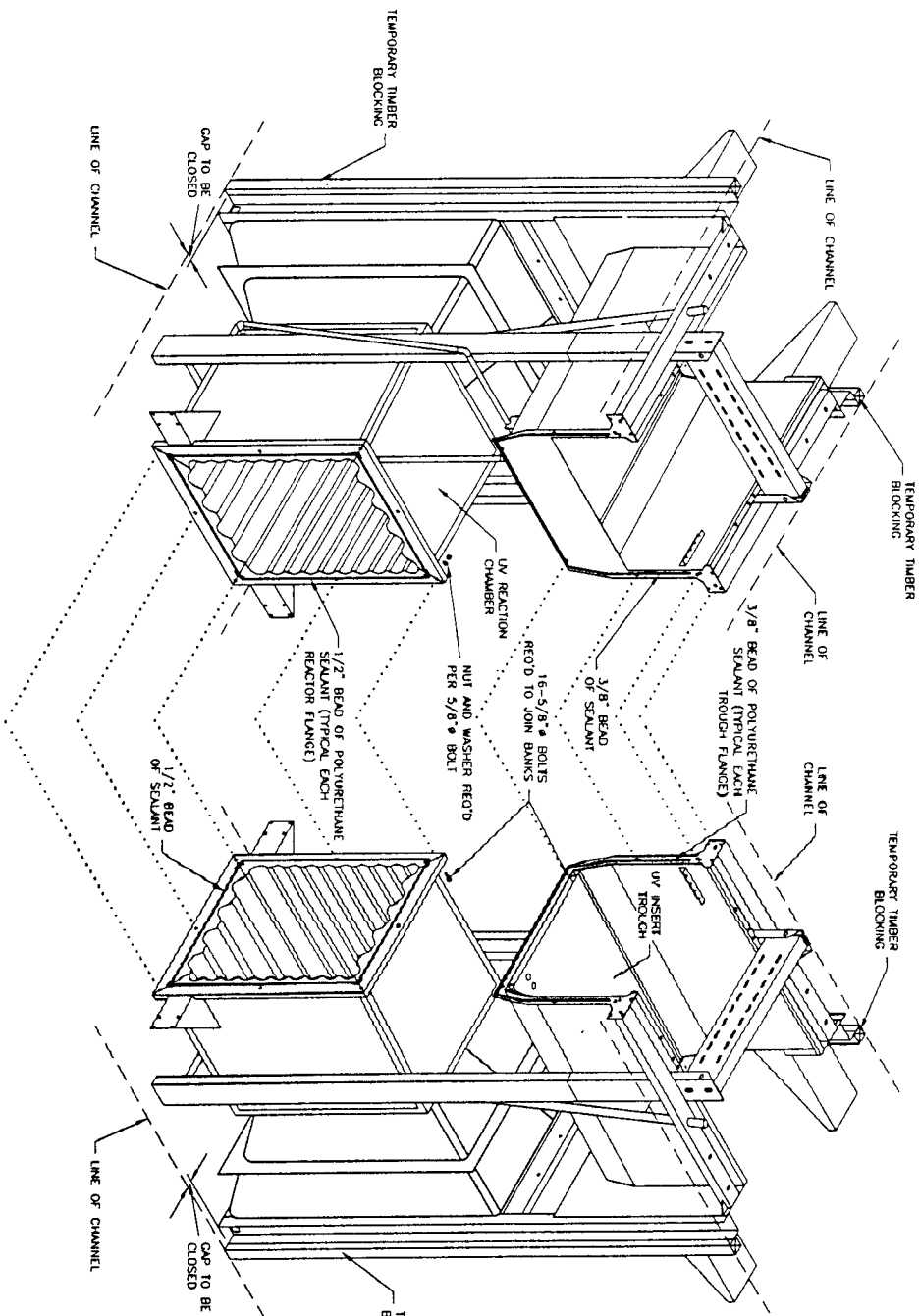
DESCRIPTION		PART NO.		REV
INSTALLATION POWER DISTRIBUTION CENTER		4M00128		A
THIRD ANGLE PROJECTION		SCALE: 1:48		SHEET 1 OF 1
0 0.5 1.0 1.0" ON ORIGINAL DWG		SHEET 1 OF 1		SIZE B



REV	DESCRIPTION	LOG NO.	REV BY	CHK BY	APPROVAL AND DATE
A	DRAWING RELEASED	--	WJC		

# NOTES:

- 1/ TO EACH FLANGE OF THE REACTOR, APPLY A CONTINUOUS 1/2" BEAD OF SEALANT NOT MORE THAN 5/8" FROM INNER EDGE.
- 2/ TO EACH FLANGE OF THE TROUGH, APPLY A CONTINUOUS 3/8" BEAD OF SEALANT TO THE INSIDE EDGE.
- 3/ SEALANT TO BE POLYURETHANE (3M 108664) - SEALANT HAS SET UP TIME OF 15-20 MIN.
- 4/ ONCE SEALANT IS IN PLACE, MOVE THE BANKS TOGETHER SUCH THAT THE FLANGES ARE FLUSH WITHIN ±0.063 INCHES.
- 5/ THE BANKS ARE UNSTABLE UNLESS JOINED TOGETHER WHEN IN UPRIGHT POSITION
- 6/ USE TEMPORARY TIMBERS TO CLOSE CAPS BETWEEN CONCRETE CHANNEL WALL AND OF THE REACTION CHAMBER. (TIMBERS TO BE REMOVED AFTER CONCRETE HAS BEEN POURED)



UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES: 2 PL DEC ± N/A  
 3 PL DEC ± N/A  
 ANGLE  
 REMOVE ALL BURRS  
 ALL CORNERS R 0.010 OR BREAK  
 V DENOTES CRITICAL DIMENSIONS

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**DESCRIPTION**

**INSTALLATION REACTOR INSERT**

THIRD ANGLE PROJECTION

SCALE: 1:36

PART NO. ---

SHEET 1 OF 1

REV A

4M00127