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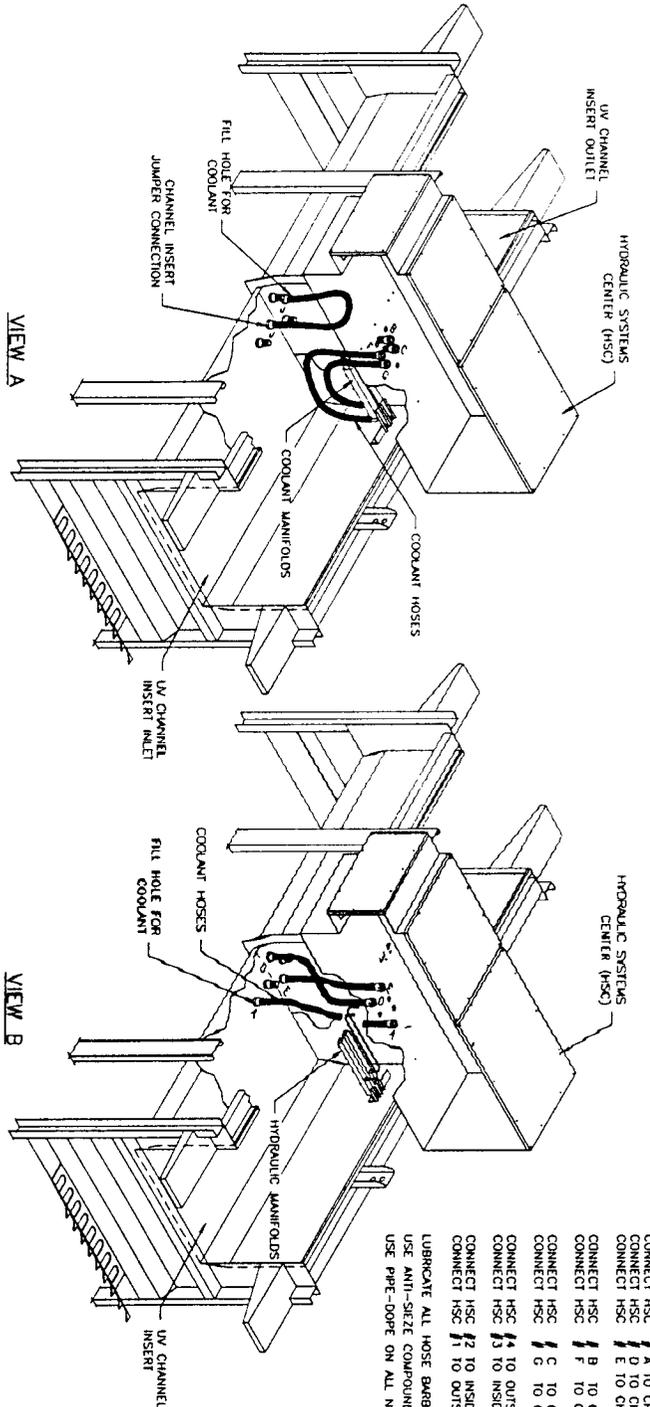
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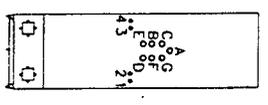
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REV	REVISION DESCRIPTION	LOG NO.	REV BY	CHK BY	APPROVAL AND DATE
A	DRAWING RELEASED	---	WJG		



- 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 AS 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 (6ft required)
  - CONNECT HSC / D TO CHANNEL INSERT / D (6ft required)
  - CONNECT HSC / E TO CHANNEL INSERT / E (6ft required)
  - CONNECT HSC / B TO COOLANT SUPPLY MANIFOLD (same side as B: 6ft required)
  - CONNECT HSC / F TO COOLANT SUPPLY MANIFOLD (same side as F: 6ft required)
  - CONNECT HSC / C TO COOLANT RETURN MANIFOLD (same side as C: 6ft required)
  - CONNECT HSC / G TO COOLANT RETURN MANIFOLD (same side as G: 6ft required)
  - CONNECT HSC / H TO OUTSIDE HYDRAULIC MANIFOLD (same side)
  - CONNECT HSC / I TO INSIDE HYDRAULIC MANIFOLD (same side)
  - CONNECT HSC / J TO OUTSIDE HYDRAULIC MANIFOLD (same side)
  - CONNECT HSC / K TO INSIDE HYDRAULIC MANIFOLD (same side)
  - CONNECT HSC / L TO OUTSIDE HYDRAULIC MANIFOLD (same 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: 2 PL DEC ± N/A  
 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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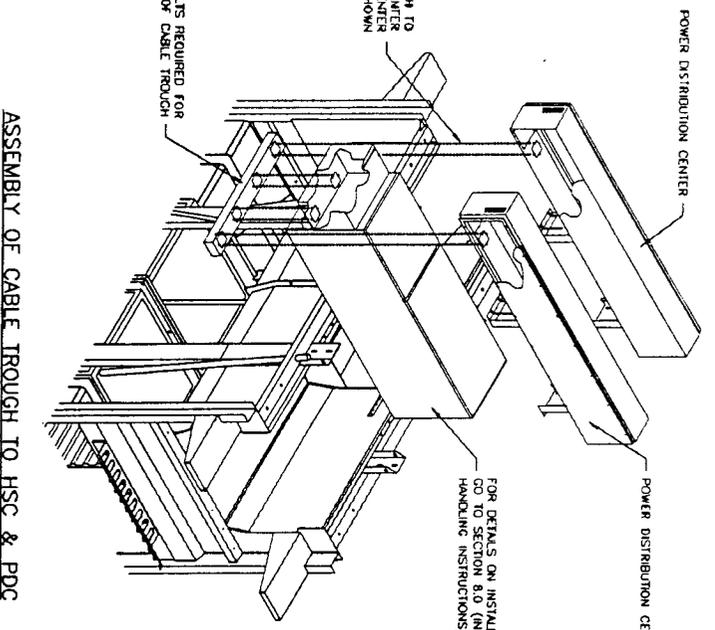
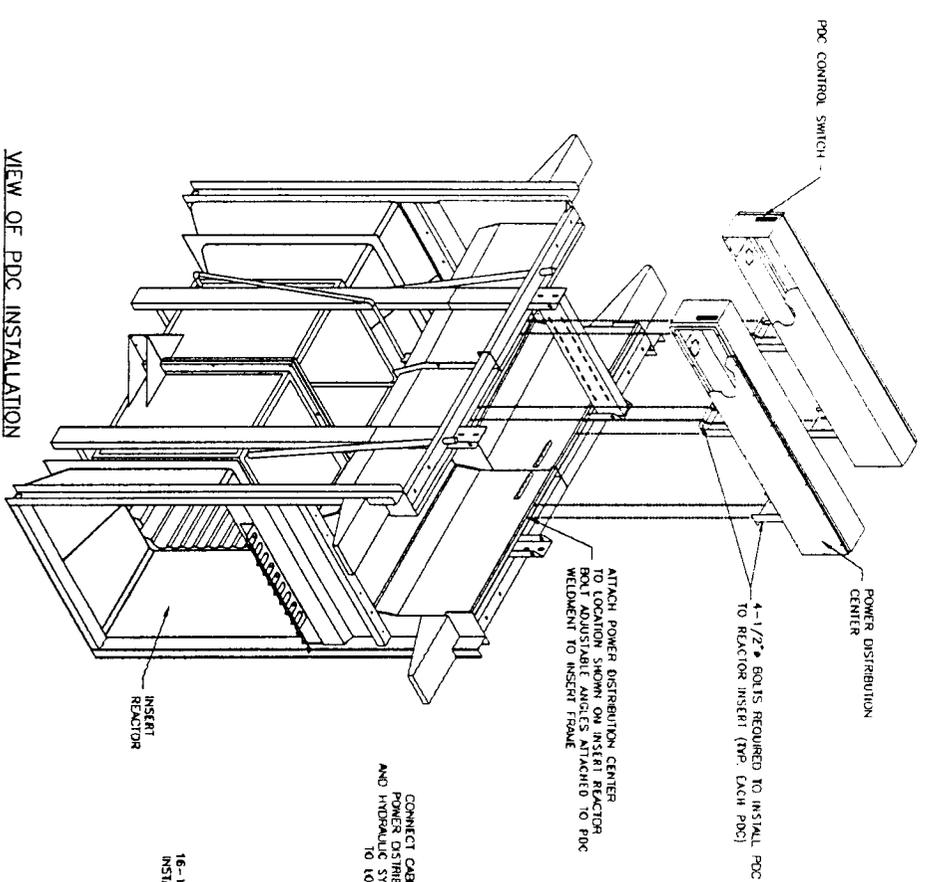
DESCRIPTION  
**HSC/CHANNEL INSERT CONNECTIONS**

THIRD ANGLE PRODUCTION	SCALE: 1:36	SHEET 1 OF 1	REV A	4M00126
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REV	REVISION DESCRIPTION	LOG NO.	REV BY	CHK BY	APPROVAL AND DATE
A	DRAWING RELEASED	--	WJG		

**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 CENTER 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 ± N/A  
 3 PL DEC ± N/A  
 ANGLE ± N/A  
 REMOVE ALL BURRS  
 ALL CORNERS R0.010 OR BREAK  
 ALL DIMENSIONS TO CENTER UNLESS  
 OTHERWISE NOTED  
 ▽ DENOTES CRITICAL DIMENSIONS

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**DESCRIPTION**  
 INSTALLATION POWER DISTRIBUTION CENTER

0 0.5 1.0  
 1.0" ON ORIGINAL DWG  
 SCALE: 1:48

PART NO.	REV
---	A

SHEET 1 OF 1 SITE B

4M00128

MINIMUM SLING ASSY HEIGHTS MAINTAINED  
IN ORDER TO NOT EXCEED WLL OF  
LIFTING EYES (#1.00) AND TO PREVENT  
DAMAGE TO P.O.C. ASSY

LIFTING EYE (#1.25)  
4 PLACES

5'-6" MIN.

MODULE UMLE

(2)  
REF.

C.C.

C.C.

C.C.

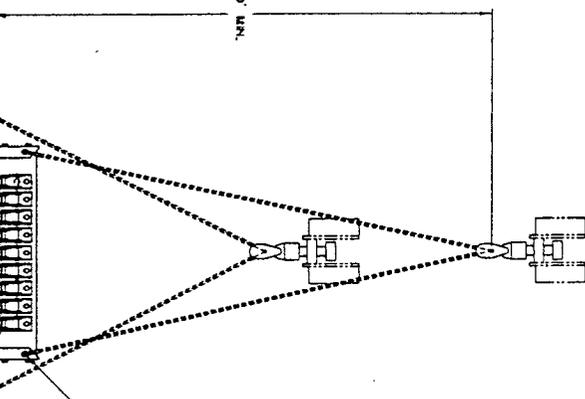
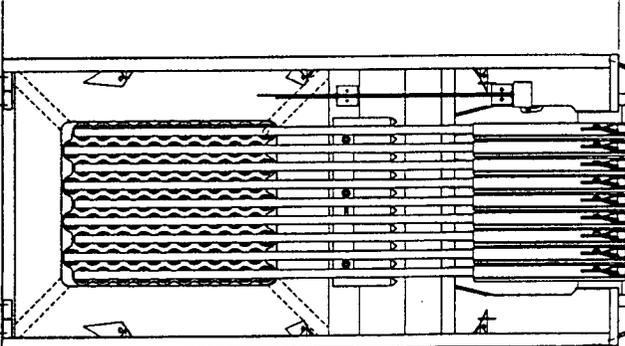
(1)  
REF.  
TROUGH

INSERT HALF ASSY'S TO HAVE  
SAME HEIGHTS AS OTHER HALF ASSY'S  
OR ONE ANOTHER (SEE NOTE # 1)

FLANGE  
REACTOR

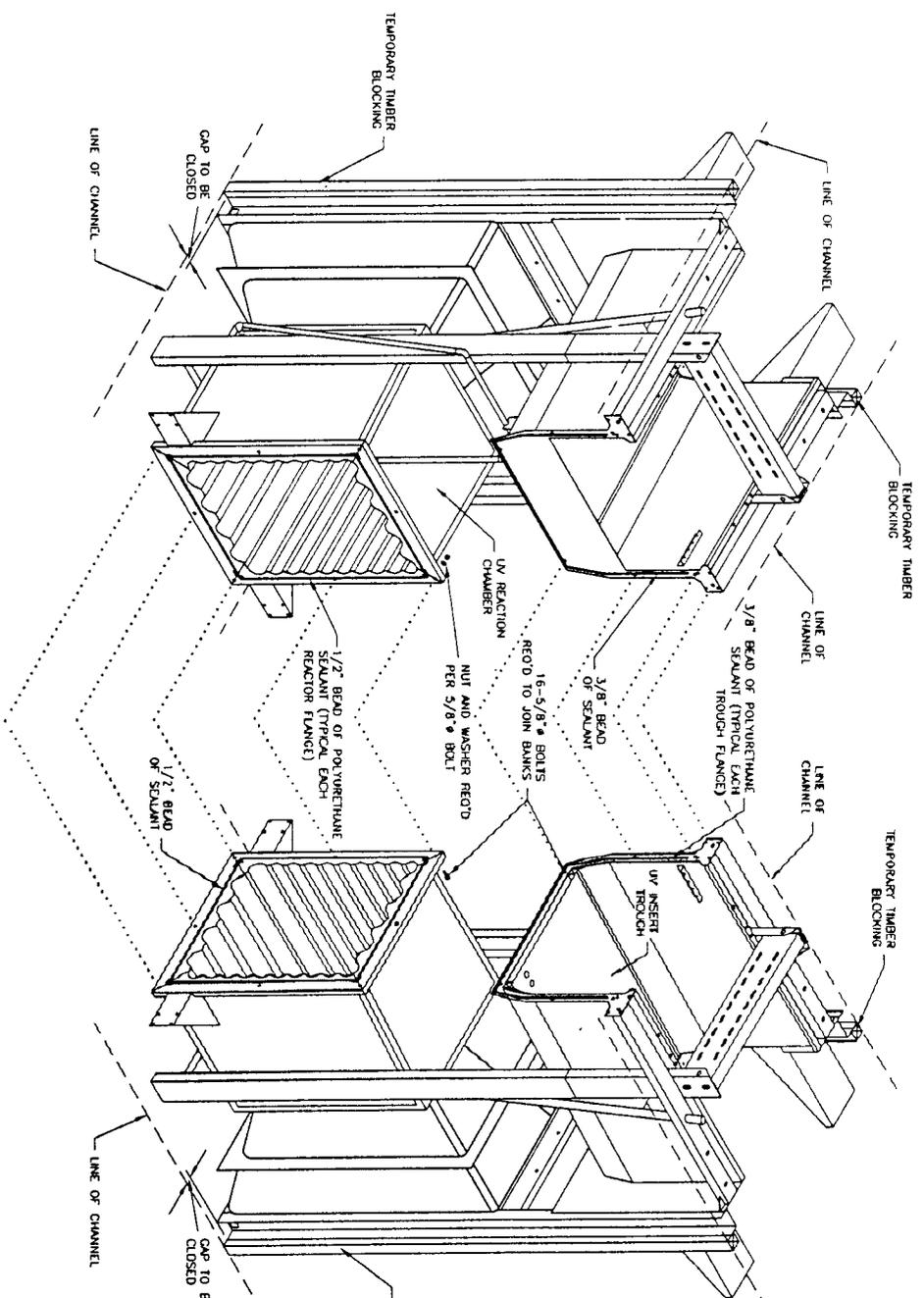
10' MIN.

LIFTING EYE (#1.00)  
4 PLACES



<b>TROJAN TECHNOLOGIES INC.</b> 10000 W. 10th Street, Suite 100, Denver, CO 80202 (303) 751-1000	
DRAWING NO. <b>OWM INSET 05 ASSY UMLE INST.</b>	REV. <b>A</b>
DATE <b>11/11/03</b>	SHEET NO. OF 3 <b>1</b>
<b>440091</b>	

REV	REVISION DESCRIPTION	LOG NO.	REV BY	CHK BY	APPROVAL AND DATE
A	DRAWING RELEASED	--	W/JG		



- 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 108694) - 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  
 ∇ DEMOTES CRITICAL DIMENSIONS

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**DESCRIPTION**

**INSTALLATION REACTOR INSERT**

THIRD ANGLE PROJECTION

SCALE: 1:36

PART NO. \_\_\_\_\_

SHEET 1 OF 1

REV. \_\_\_\_\_

REV. \_\_\_\_\_

DATE \_\_\_\_\_

4M00127