CANRIG DRILLING TECHNOLOGY LTD

DATE: July 13, 1993

SUBJECT: Block Guides

SERIAL NUMBERS: 007, 008

DISCUSSION: The possibility of the block guides catching on a Torque Guide seam should be minimized and the block guides should be retained from falling should the bolts break or fall out.
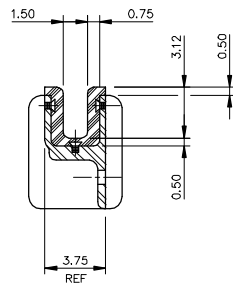
RECOMMENDATION: 1. We recommend that the urethane at the ends of the block guides be beveled according to Drawing C-3-701-10-0 (attached). A grinder or saw can be used for this purpose.
                        2. We recommend that safety chains be installed on the block guides in a manner similar to Drawing B-3-701-03-1 (attached).
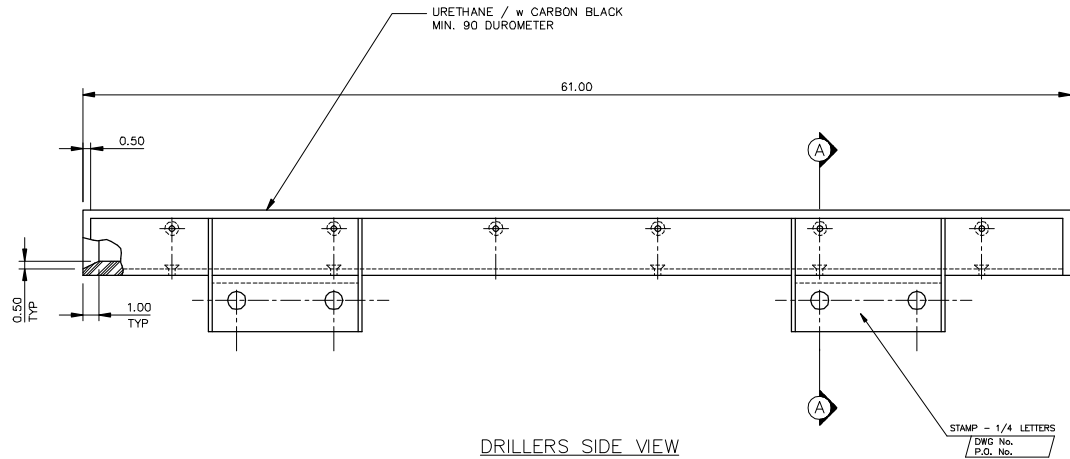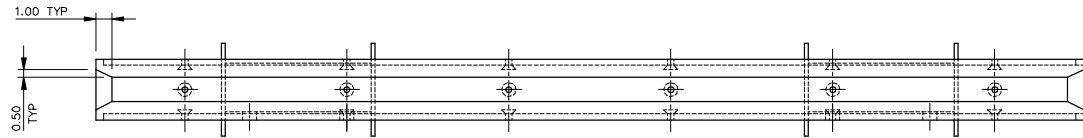
1.00 TYP

0.50 TYP

URETHANE / w CARBON BLACK
MIN. 90 DUROMETER

61.00

0.50

1.50   0.75

3.12   0.50

0.50

0.50
TYP

1.00
TYP

3.75
REF

A
A

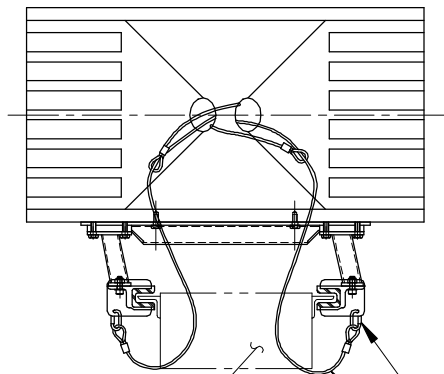SECTION A—A
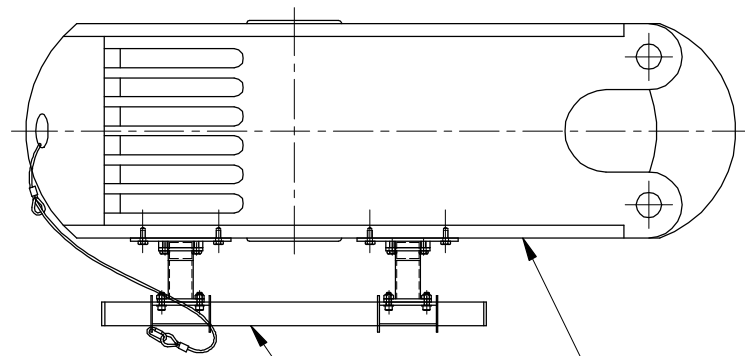
DRILLERS SIDE VIEW

STAMP — 1/4 LETTERS
DWG No.
P.O. No.

NOTES:

1) PRIOR TO COATING ENSURE;
   – ALL WELDING IS COMPLETE
   – SANDBLAST INSIDE OF CHANNELS
   – CAPSCREWS HAVE BEEN INSTALLED

TOLERANCE – UNLESS OTHERWISE SPECIFIED			
REMOVE SHARP CORNERS AND BURRS		FABRICATING [METRIC]	MACHINING IMPERIAL
CASTING ± 1/16		0 TO 600 mm ± 1 mm	DECIMAL .x ± .030"
⊙ CONCENTRICITY .005 TIR		> 600 mm ± 3 mm	.xx ± .015"
— STRAIGHTNESS ± .005 IN 5 INCHES			.xxx ± .005"
⊥ SQUARENESS ± .010 IN 5 INCHES		FABRICATING IMPERIAL	
∥ PARALLELISM ± .010 IN 5 INCHES		0 TO 24" ± .06"	
⊕ TRUE POSITION .005		> 24" ± .12"	
MACHINED SURFACES 125		ANGULAR ± 2°	ANGULAR ± 1°

DRAWN	MPM	92/10/20
CHECKED		
APPRV'D		
MATERIAL		97/09/04
701–10–1		
EST. WEIGHT	SCALE	
	1:4	

CANRIG DRILLING
TECHNOLOGY LTD.

BLOCK GUIDE RAIL
COATING

PROJECT	
680	701–10–0 REV A

No.	Y/M/D	BY	REVISION
A	94/07/05	DC	ECN #127

TORQUE GUIDE

QUICK LINK

CABLE c/w THIMBLES

BLOCK GUIDE

TRAVELLING BLOCK

TOLERANCE – UNLESS OTHERWISE SPECIFIED

REMOVE SHARP CORNERS AND BURRS

CASTING ± 1/16
⊙ – CONCENTRICITY .005 TIR
— – STRAIGHTNESS ±.005 IN 5 INCHES
⊥ – SQUARENESS ±.010 IN 5 INCHES
∥ – PARALLELISM ±.010 IN 5 INCHES
⊕ – TRUE POSITION .005
MACHINED SURFACES 125/

FABRICATING		MACHINING	
FRACTIONAL		FRACTIONAL ± 1/32	
0 TO 24	± 1/16	DECIMAL .x ± .030	
> 24	± 1/8		
DECIMAL		.xx ± .015	
0 TO 24	± .06	.xxx ± .005	
> 24	± .12		
ANGULAR	± 2°	ANGULAR ± 1°	

DRAWN	D.P.	93/08/04
CHECKED		
APPRV'D		
MATERIAL	BY	Y/M/D

EST. WEIGHT	SCALE 1:20

CANRIG DRILLING TECHNOLOGY LTD.

SAFETY CABLE
TOP DRIVE GUIDES

PROJECT

B-3-701-03-1 REV

No.	Y/M/D	BY	REVISION	REFERENCE DWGS

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