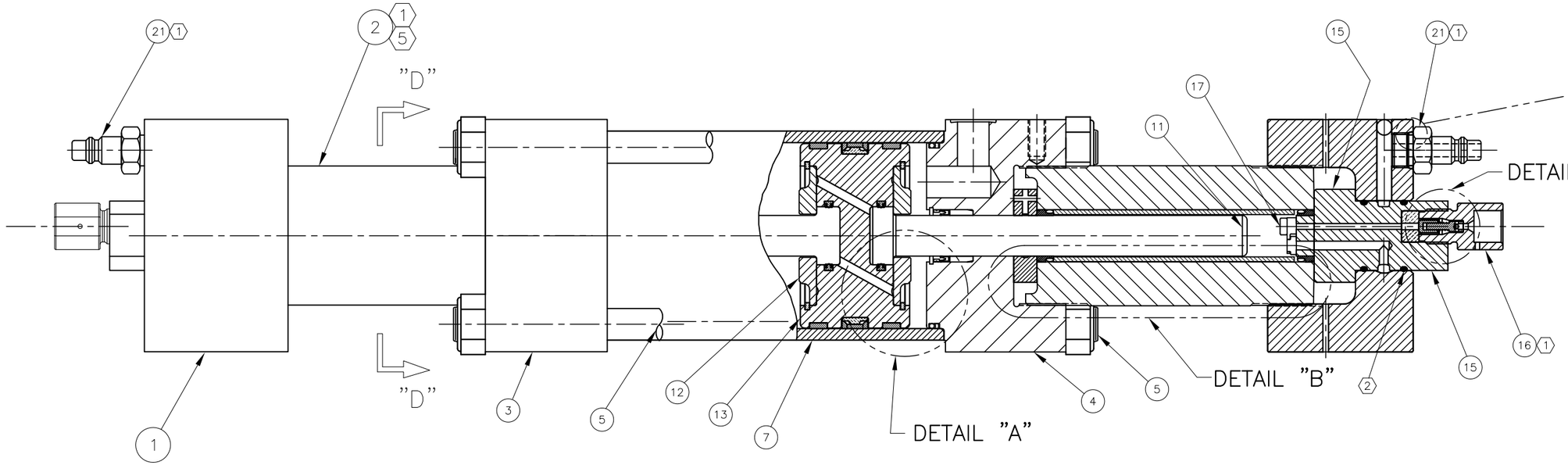
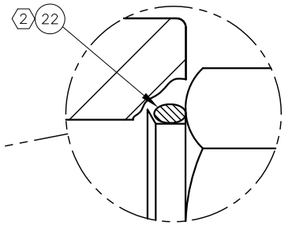
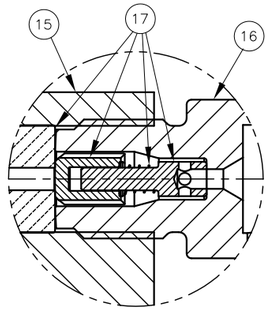


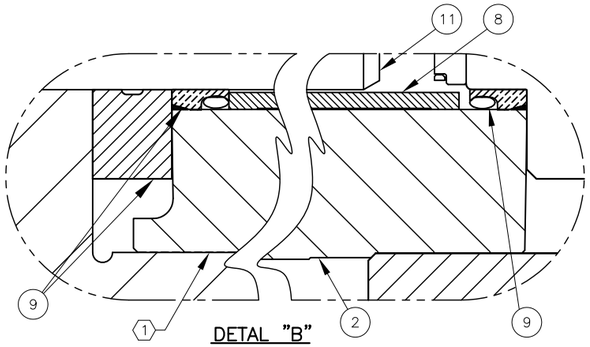


SCALE: 2:1

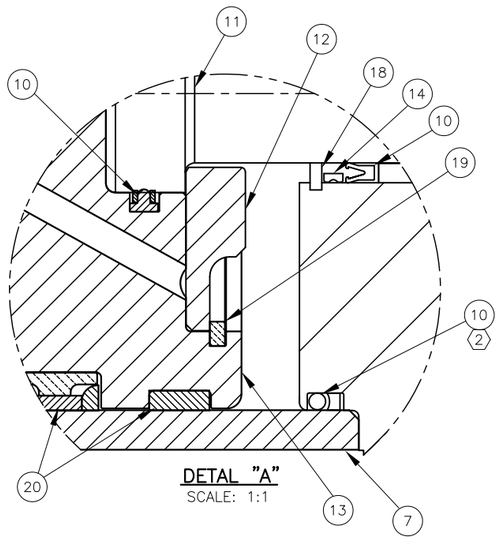
DETAIL "D"



DETAL "D"
SCALE: 1:1



DETAL "B"
SCALE: 1:1



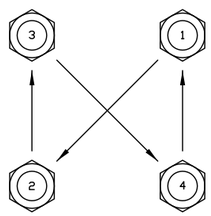
DETAL "A"
SCALE: 1:1

PIECE	REQ'D	PART #	DESCRIPTION
23	1	400091-2	KMT H2O JET NAMEPLATE (NOT SHOWN)
22	2	400070-908	O-RING, QUICK DISCONNECT
21	2	100015-1	ADAPTER, QUICK DISCONNECT
20	1	302013-1	REBUILD KIT, HI-LOAD PISTON RING SEALS
19	2	400049-300	SNAP RING, PLUNGER, 3"
18	2	400063-112	SNAP RING, INVERTED
17	1	302003-2	CHECK VALVE REPAIR KIT, H2O JET 2 PC.
16	2	100022-2	CHECK VALVE OUTLET BODY, H2O JET
15	2	100009-1	CHECK VALVE MAIN BODY, 60 KPSI
14	2	100014-1	SPACER, END BELL OIL SEAL
13	1	100176-1	HYDRAULIC PISTON, HI-LOAD, 60 KPSI
12	2	100011-1	PLUNGER RETAINER, 60 KPSI
11	2	100013-1	PISTON PLUNGER, CERAMIC, 60 KPSI
10	1	302007-3	REBUILD KIT, LOW PRESSURE HYD. HI-LOAD
9	1	302004-1	REBUILD KIT, HIGH PRESSURE, 60 KPSI
8	2	100018-1	BACK-UP SLEEVE, 60 KPSI
7	1	100008-1	CYLINDER, HYDRAULIC
6	8	400004-12	LOCK NUT, 3/4-16-2B
5	4	100017-1	TIE ROD, INTENSIFIER
4	1	301001-1-R	ASSEMBLY, END BELL, 60KPSI RIGHT HAND
3	1	301001-1-L	ASSEMBLY, END BELL, 60KPSI LEFT HAND
2	2	100001-1	CYLINDER HP, 60 KPSI
1	2	301004-1	END CAP ASSEMBLY

MATERIAL LIST

NOTES:

1. APPLY LIGHT COAT OF BLUE GOOP (ANTI-SEIZE) TO THREADS OF ITEMS NOTED.
2. LUBRICATE O-RINGS WITH O-RING LUBE.
3. BOTTOM OUT NUTS (PC 6) ON SHORT THREAD END OF ROD (PC. 5) PRIOR TO TORQUEING PROCEDURE (NOTE 4).
4. TORQUE NUTS (PC 4) USING THREAD LUBRICANT, AS FOLLOWS: FINGER TIGHT, 40 FT-LB, 60 FT-LB, 80 FT-LB, 100 FT-LB AND FINALLY TO 120 FT-LB. EACH STAGE TO BE TORQUED IN THE TORQUE SEQUENCE INDICATED.
5. ASSEMBLE HIGH PRESSURE CYLINDER (PC 2) TO END BELL (PC 3, 4) WITH 85 FT-LB OF TORQUE.



4 VIEW "D-D"

TORQUE SEQUENCE OF NUTS (PC'S 6) REPEAT IN STAGES PER NOTE

PROPRIETARY

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ECN NO	DATE	REV	ZONE	REVISION DESCRIPTON	DRWN	CHK	APPVD

DRAWN BY: M.HUNTLEY
CHECKED BY: J.N.
APPROVED BY: H.A.
SCALE: 3:8
DATE: 01/04/07

INTENSIFIER_SHORT_BLOCK
60K_HI-LOAD_PISTON
H2O_2_PIECE_CHECK_VALVE

REF. NR.

FILE NAME: 301003-3-3

DWG SIZE: B
DRAWING NUMBER: 301003-3-3
REV: 0
SHEET: 1 OF 1