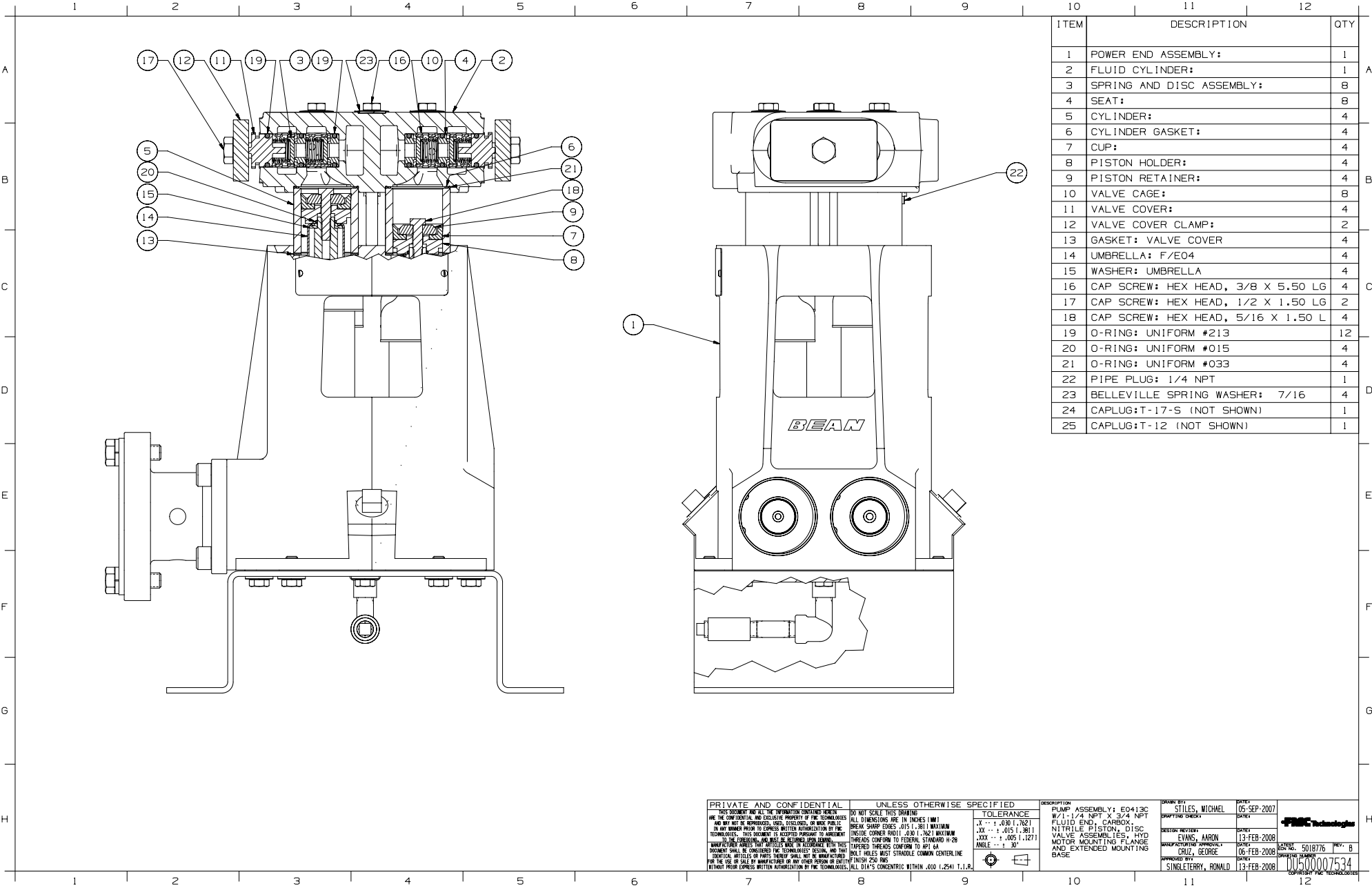




ITEM	DESCRIPTION	QTY
1	POWER END ASSEMBLY:	1
2	FLUID CYLINDER:	1
3	SPRING AND DISC ASSEMBLY:	8
4	SEAT:	8
5	CYLINDER:	4
6	CYLINDER GASKET:	4
7	CUP:	4
8	PISTON HOLDER:	4
9	PISTON RETAINER:	4
10	VALVE CAGE:	8
11	VALVE COVER:	4
12	VALVE COVER CLAMP:	2
13	GASKET: VALVE COVER	4
14	UMBRELLA: F/E04	4
15	WASHER: UMBRELLA	4
16	CAP SCREW: HEX HEAD, 3/8 X 5.50 LG	4
17	CAP SCREW: HEX HEAD, 1/2 X 1.50 LG	2
18	CAP SCREW: HEX HEAD, 5/16 X 1.50 L	4
19	O-RING: UNIFORM #213	12
20	O-RING: UNIFORM #015	4
21	O-RING: UNIFORM #033	4
22	PIPE PLUG: 1/4 NPT	1
23	BELLEVILLE SPRING WASHER: 7/16	4
24	CAPLUG:T-17-S (NOT SHOWN)	1
25	CAPLUG:T-12 (NOT SHOWN)	1

PRIVATE AND CONFIDENTIAL

THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF THE TECHNOLOGIES AND MAY NOT BE REPRODUCED, COPIED, STORED, OR USED PUBLICLY IN ANY MANNER WITHOUT THE WRITTEN AUTHORIZATION OF THE TECHNOLOGIES. THIS DOCUMENT IS ACCEPTED PURSUANT TO AN AGREEMENT TO THE TECHNOLOGIES AND WILL BE RETURNED UPON DEMAND. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES (MM). BORE SHARP EDGES .015 (1.381) MAXIMUM. INSIDE CORNER RADIUS .000 (1.254) MAXIMUM. THREADS CONFORM TO FEDERAL STANDARD H-28. TAPERED THREADS CONFORM TO API 6A. BOLT HOLES MUST STRADDLE COMMON CENTERLINE. FINISH 250 RMS. WITHOUT PRIOR WRITTEN AUTHORIZATION BY THE TECHNOLOGIES, ALL DIA'S CONCENTRIC WITHIN .010 (1.254) T.I.R.

UNLESS OTHERWISE SPECIFIED

TOLERANCE

.X ... +.000 (-1.254)

.XX ... +.015 (-1.381)

.XXX ... +.005 (-1.271)

ANGLE ... 1 30°

DESCRIPTION

PUMP ASSEMBLY: E0413C

W/1-1/4 NPT X 3/4 NPT

FLUID END, CARBOX

NITRILE PISTON, DISC

VALVE ASSEMBLY, HYD

MOTOR MOUNTING FLANGE

AND EXTENDED MOUNTING

BASE

DESIGNED BY: STILES, MICHAEL

DRAWING CHECK: DATE: 05-SEP-2007

DESIGN REVIEW: EVANS, AARON

MANUFACTURING APPROVAL: CRUZ, GEORGE

APPROVED BY: SINGLETERRY, RONALD

DATE: 13-FEB-2008

DATE: 06-FEB-2008

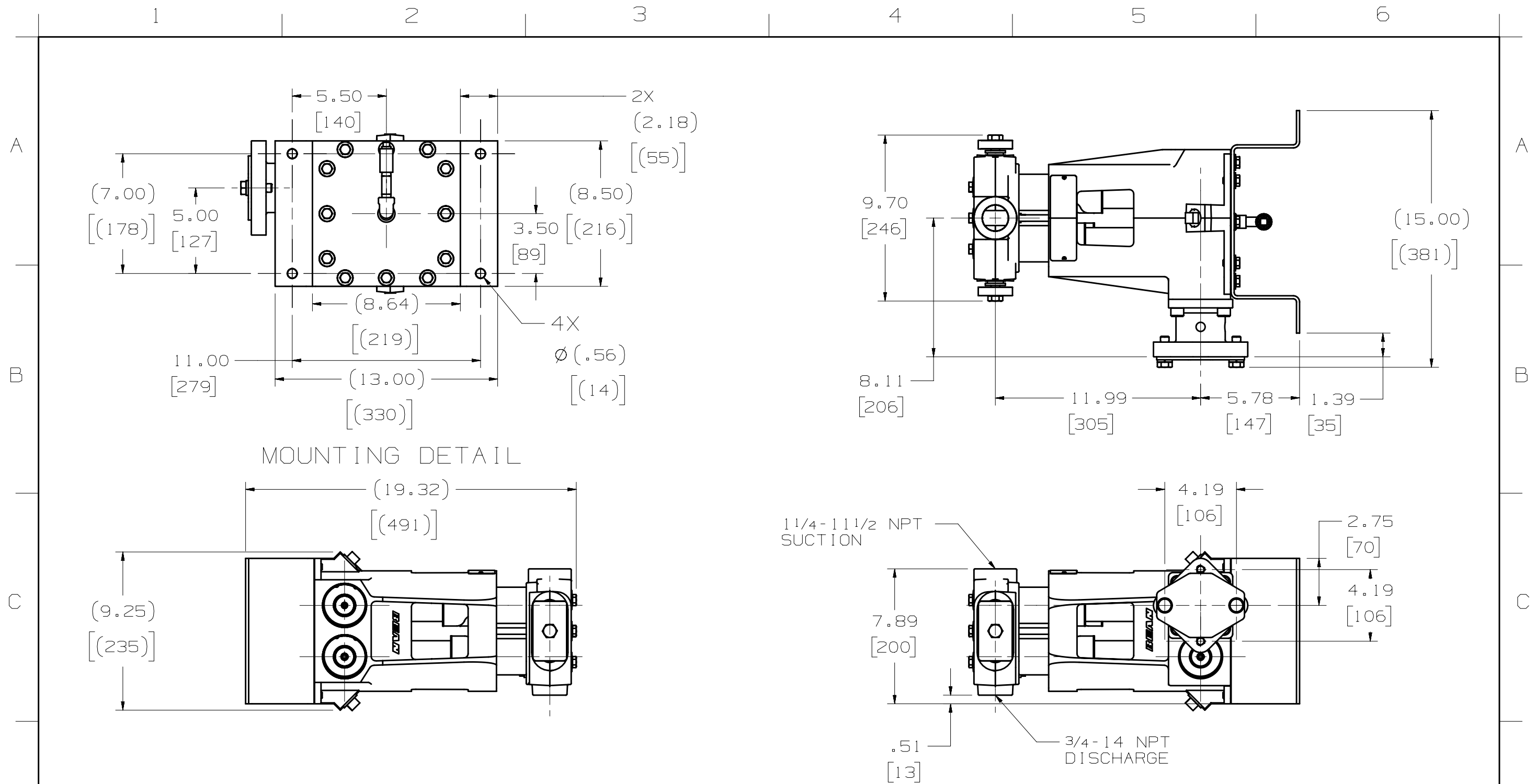
DATE: 13-FEB-2008

REV: 5018776

REV: 8

REV: 5000007534

COPYRIGHT © 2007 TECHNOLOGIES



D

PRIVATE AND CONFIDENTIAL		UNLESS OTHERWISE SPECIFIED		DESCRIPTION PUMP ASSEMBLY; E0413C W/1-1/4 NPT X 3/4 NPT FLUID END, CARBOX. NITRILE PISTON, DISC VALVE ASSEMBLIES, HYD MOTOR MOUNTING FLANGE AND EXTENDED MOUNTING BASE	DRAWN BY: STILES, MICHAEL		DATE: 05-SEP-2007		FMC Technologies LATEST ECN NO. 5018776REV. B DRAWING NUMBER DU500007534 COPYRIGHT FMC TECHNOLOGIES
THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES AND MAY NOT BE REPRODUCED, USED, DISCLOSED, OR MADE PUBLIC IN ANY MANNER PRIOR TO EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES. THIS DOCUMENT IS ACCEPTED PURSUANT TO AGREEMENT TO THE FOREGOING, AND MUST BE RETURNED UPON DEMAND.		DO NOT SCALE THIS DRAWING ALL DIMENSIONS ARE IN INCHES (MM) BREAK SHARP EDGES .015 (.381) MAXIMUM INSIDE CORNER RADI .030 (.762) MAXIMUM THREADS CONFORM TO FEDERAL STANDARD H-28 TAPERED THREADS CONFORM TO API 6A BOLT HOLES MUST STRADDLE COMMON CENTERLINE FINISH 250 RMS ALL DIA'S CONCENTRIC WITHIN .010 (.254) T.I.R.			DRAFTING CHECK:		DATE:		
MANUFACTURER AGREES THAT ARTICLES MADE IN ACCORDANCE WITH THIS DOCUMENT SHALL BE CONSIDERED FMC TECHNOLOGIES' DESIGN, AND THAT IDENTICAL ARTICLES OR PARTS THEREOF SHALL NOT BE MANUFACTURED FOR THE USE OR SALE BY MANUFACTURER OR ANY OTHER PERSON OR ENTITY WITHOUT PRIOR EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES.		TOLERANCE .X -- ± .030 (.762) .XX -- ± .015 (.381) .XXX -- ± .005 (.127) ANGLE -- ± 30'			DESIGN REVIEW: EVANS, AARON		DATE: 13-FEB-2008		
		 			MANUFACTURING APPROVAL: CRUZ, GEORGE		DATE: 06-FEB-2008		
					APPROVED BY: SINGLETERRY, RONALD		DATE: 13-FEB-2008		

1

2

3

4

5

6