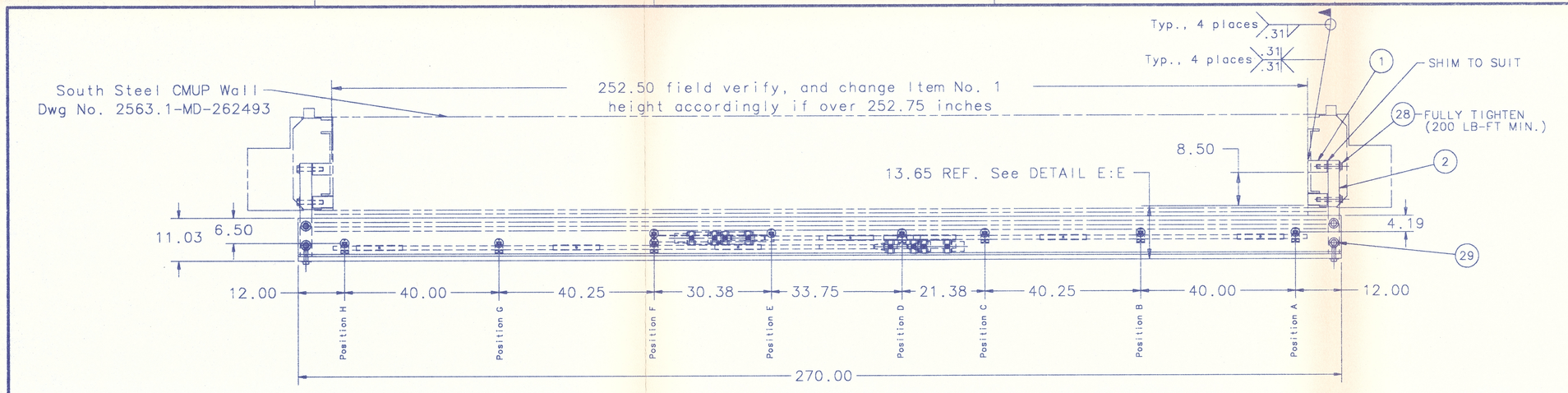
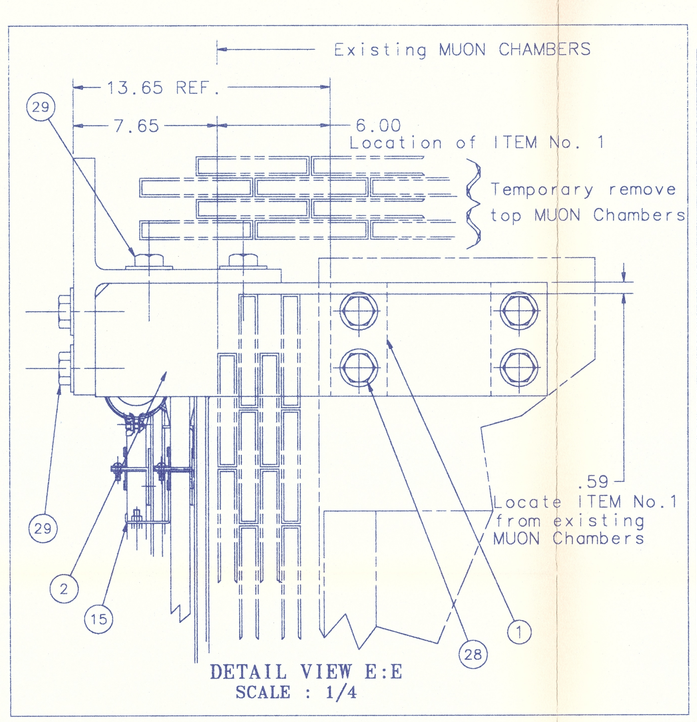
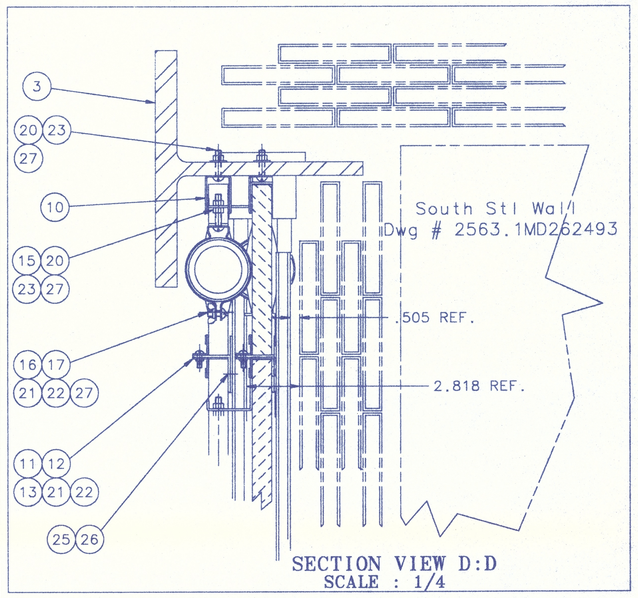
REV.	DESCRIPTION	DRAWN	DATE
		APPD.	DATE

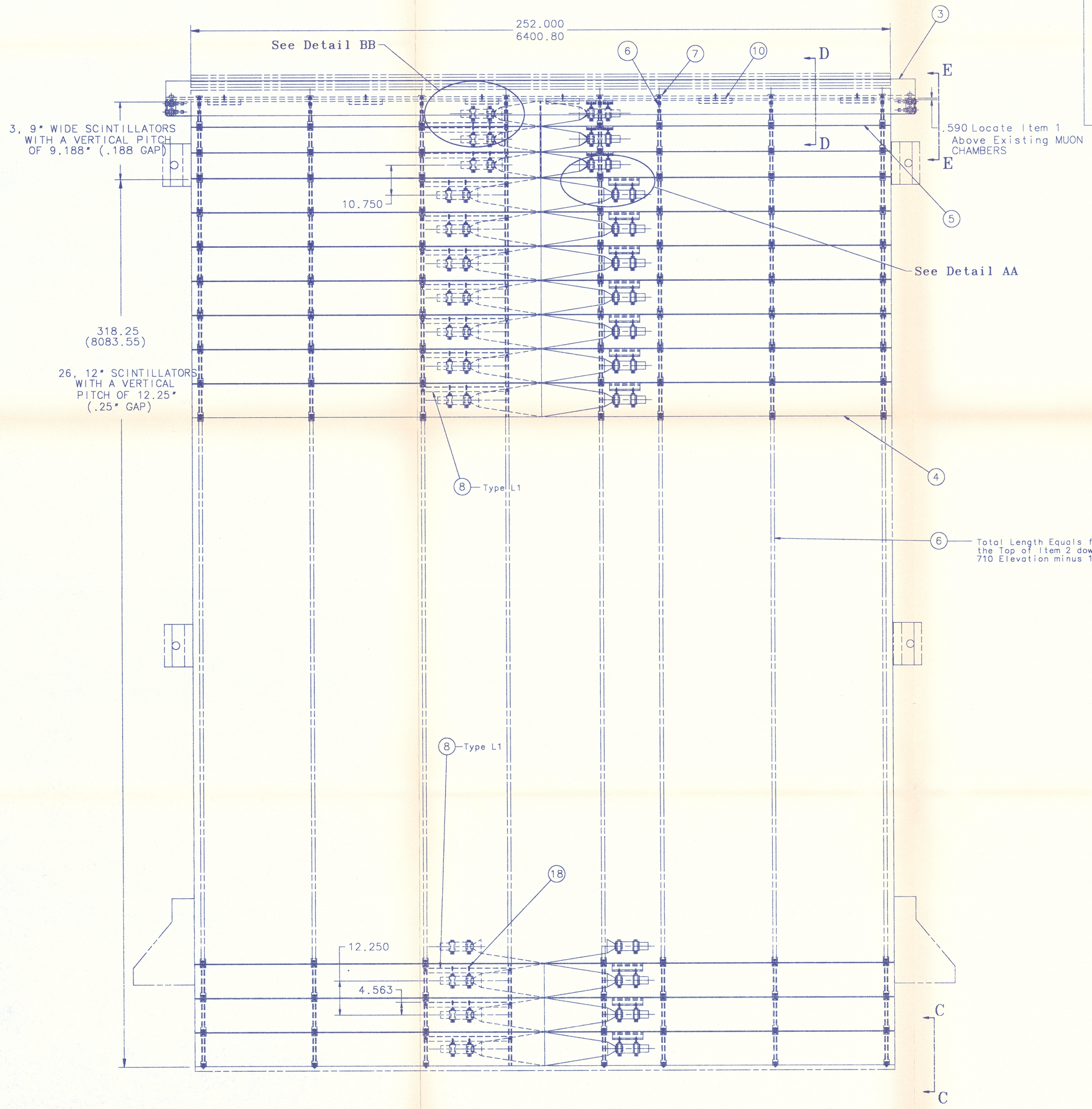


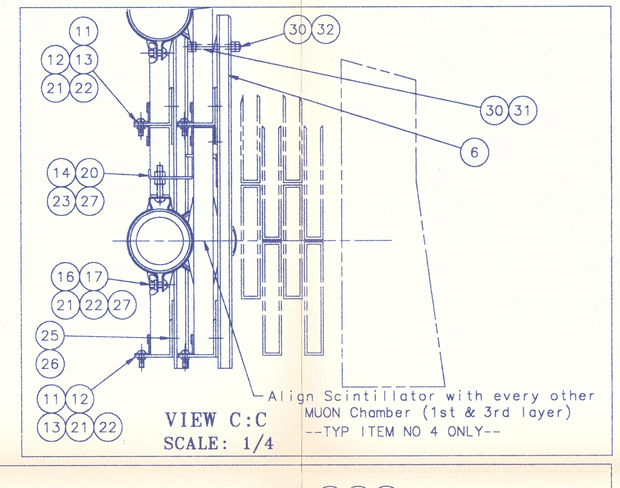


DETAIL VIEW E:E
SCALE : 1/4

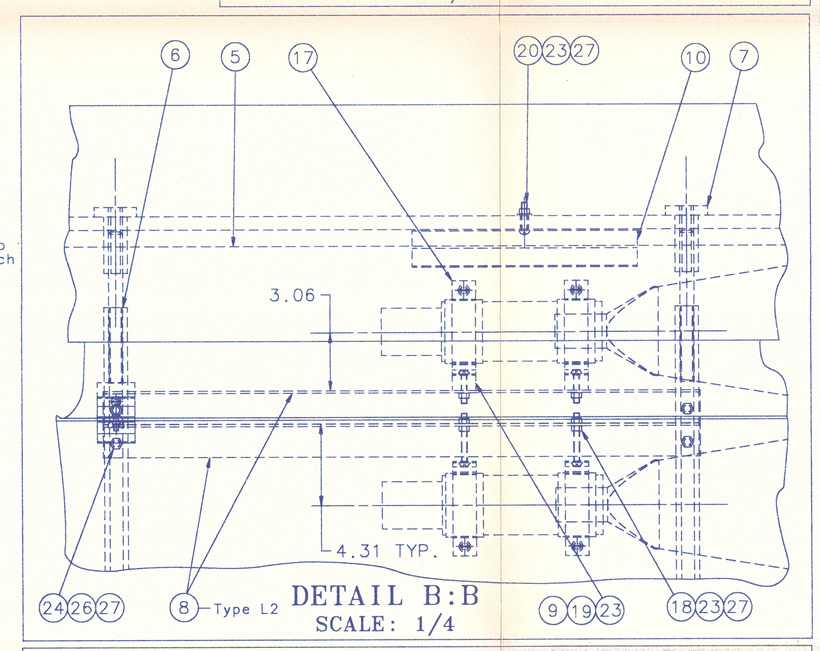


SECTION VIEW D:D
SCALE : 1/4

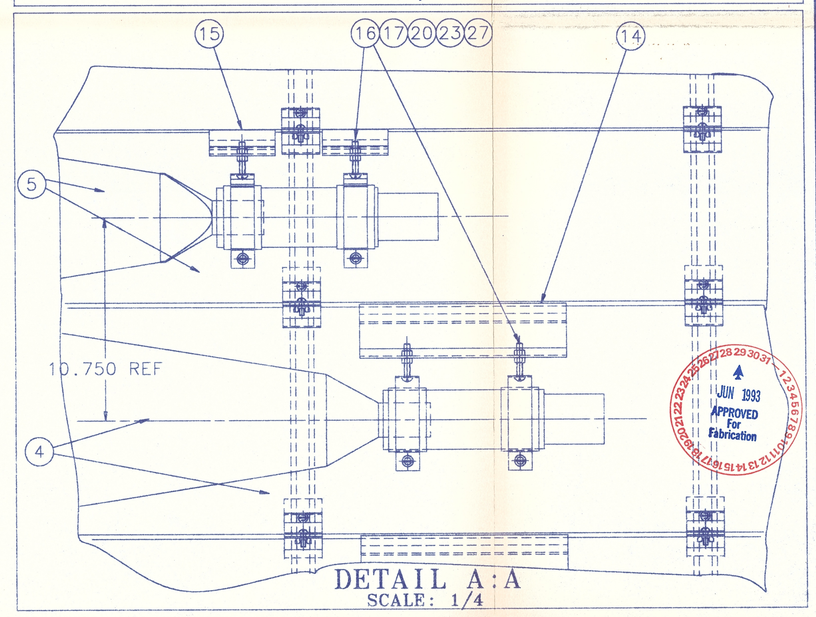




VIEW C:C
SCALE: 1/4



DETAIL B:B
SCALE: 1/4



DETAIL A:A
SCALE: 1/4

ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
32		PVC Thd Rod, 1/4-20UNC x 0.5 Lg. Used at Position A,B,C,D,E, & F	54
31		PVC Thd Rod,1/4-20UNC x 2.813 Lg. Used at Position G and H	18
30		PVC Hexagon Nut, 1/4 - 20 unc	72
29		HEX HD BOLT, W/WASHER, ASTM A325 1 - 8 UNC X 2.5 LG	8
28		HEX HD BOLT, W/WASHER, ASTM A325 1 - 8 UNC X 6 LG	8
27		FLAT WASHER, 5/16 BOLT SIZE	358
26		UNISTRUT NUTS W/SPRING, NO P4007 5/16-18UNC	261
25		FLAT HEAD, SOCKET CAP SCREW 5/16-18UNC X 5/8 LG	203
24		HEXAGON HEAD CAP SCREW 5/16-18UNC X 5/8 LG	58
23		HEXAGON NUT, 5/16-18UNC	236
22		WING NUT, 1/4-20UNC	319
21		ROUND HEAD SLOTTED SCREW 1/4-20UNC X 3/4 LG	319
20		ROUND HEAD SLOTTED SCREW 5/16-18UNC X 2" LG	64
19		ROUND HEAD SLOTTED SCREW 5/16-18UNC X 1 1/2 LG	2
18		ROUND HEAD SLOTTED SCREW 5/16-18UNC X 3" LG	56
17		CONDUIT HANGER, SIZE EMT-3"	116
16		NEOPRENE RUBBER SHEETING - SOFT 1/8 X 2 X 20 inches(2 wraps)	116
15	MB297918	P.M.TUBE HOLDER/9" scin	6
14	MB297898	P.M.TUBE HOLDER/12" scin	26
13	MB297897	SCINTILLATOR RETAINER	399
12	MB297896	SCINT. SUPPORT BRACKET	203
11	MB297917	SCINT. BRACKET SPACER	203
10	MB297895	SCINTILLATOR CLIP	6
9	MB297916	SPACER WASHER	2
8	MC297891	P.M.TUBE SUP'T ANGLE type L1 / type L2	26 / 3
7	MB297893	ADJUSTER BUSHING	9
6	MD297915	SUSPENSION WELDMENT (Field check total Length & cut to suit)	9
5	ME297912	SCINTILLATOR, TYPE - L2 STRAIGHT LIGHT GUIDE	6
4	ME297912	SCINTILLATOR, TYPE - L1 STRAIGHT LIGHT GUIDE	52
3	MD297892	TEE BEAM	1
2	MC297914	SUPPORT ARM	2
1	MB297913	SUPPORT BLOCK	4

PARTS LIST

UNLESS OTHERWISE SPECIFIED			ORIGINATOR	D MITCHELL	JAN 92
FRACTIONS	DECIMAL	ANGLES	DRAWN	John E. Rauch	10AUG92
± --	± .03	± .5°	CHECKED		2-5-93
1. BREAK ALL SHARP EDGES 1/64 MAX.			APPROVED		2-5-93
2. DO NOT SCALE DWG.			USED ON		
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD'a			MATERIAL-	SEE PARTS LIST	
√ MAX. ALL MACHINED SURFACES					

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

COLLIDER DETECTOR
CENTRAL MUON UPGRADE South
SCINTILATOR MOUNTING ASSY.

SCALE	DRWG SIZE	DRAWING NUMBER	REV.
1/16	E	2563.2-ME-297890	

Ideas Level 6.0 USERNAME:JERAUCH
CADFILE: me297890.dwg