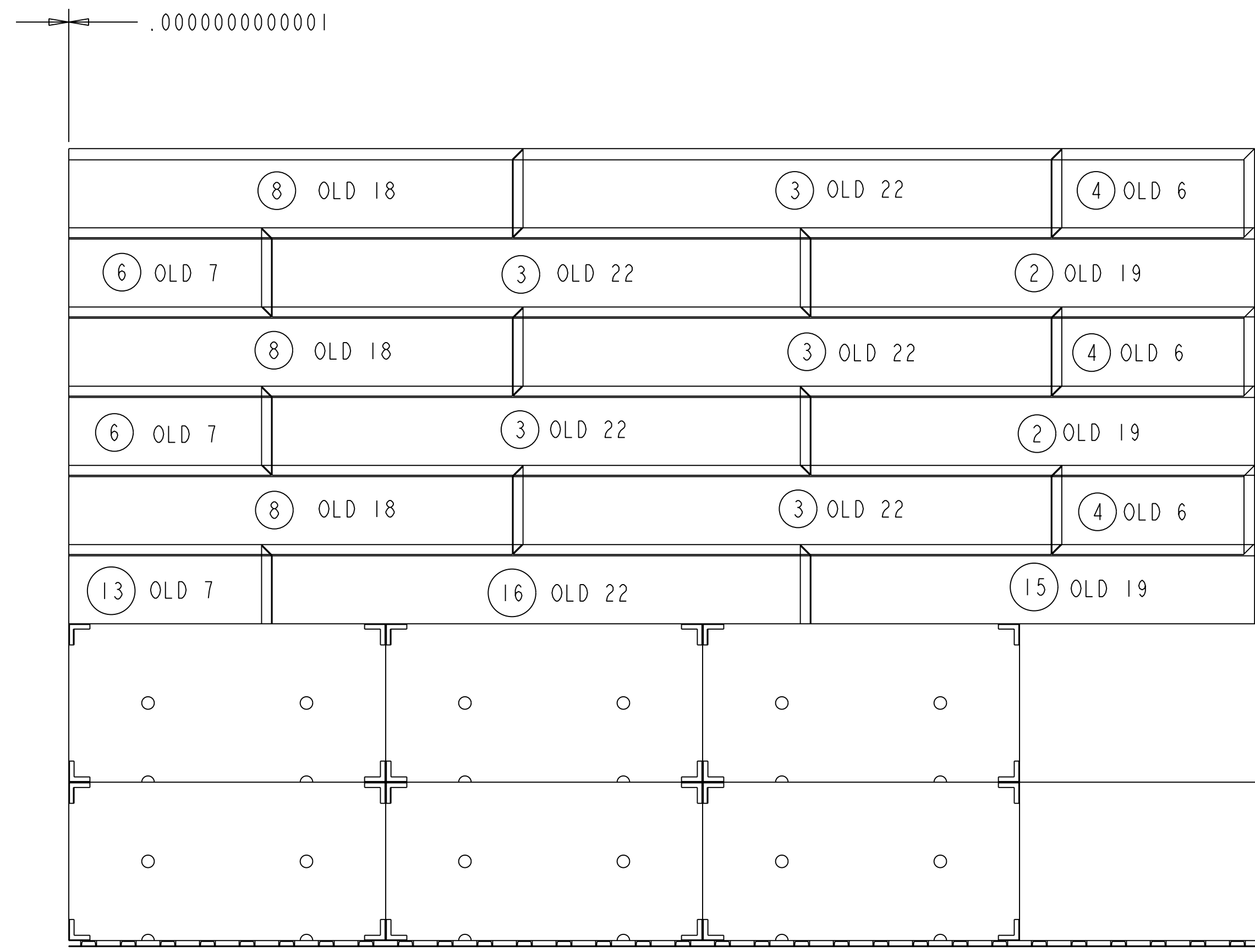
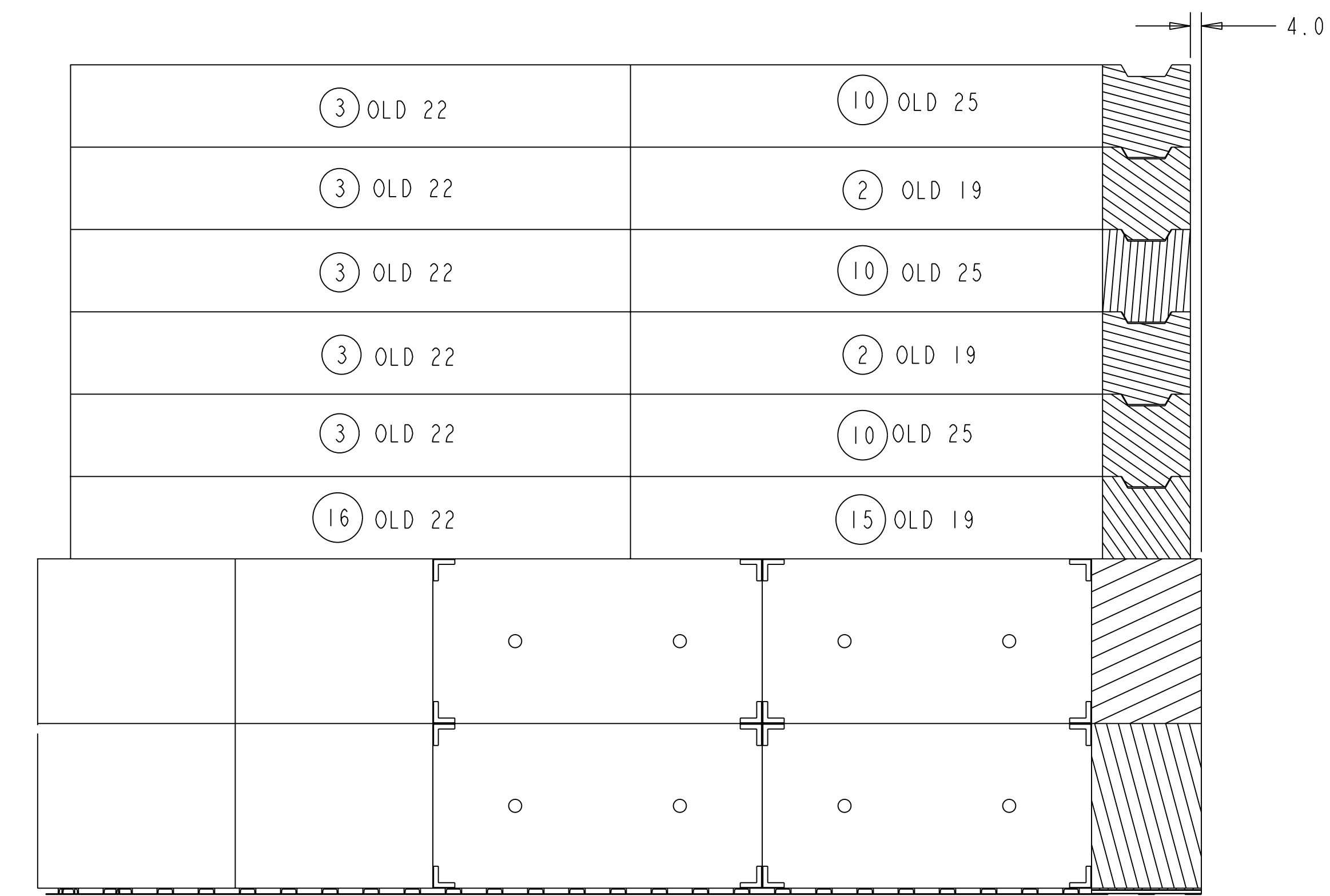
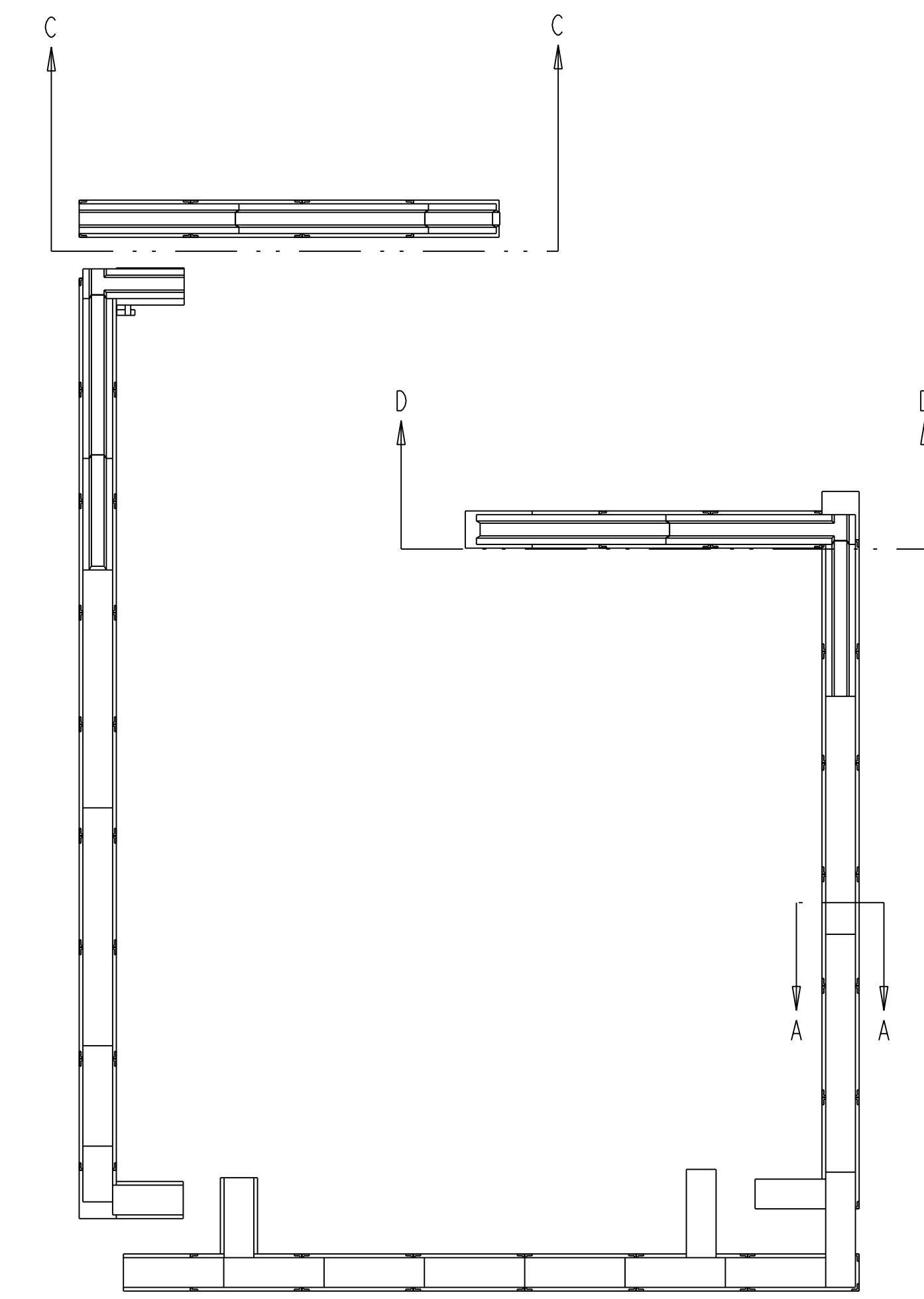


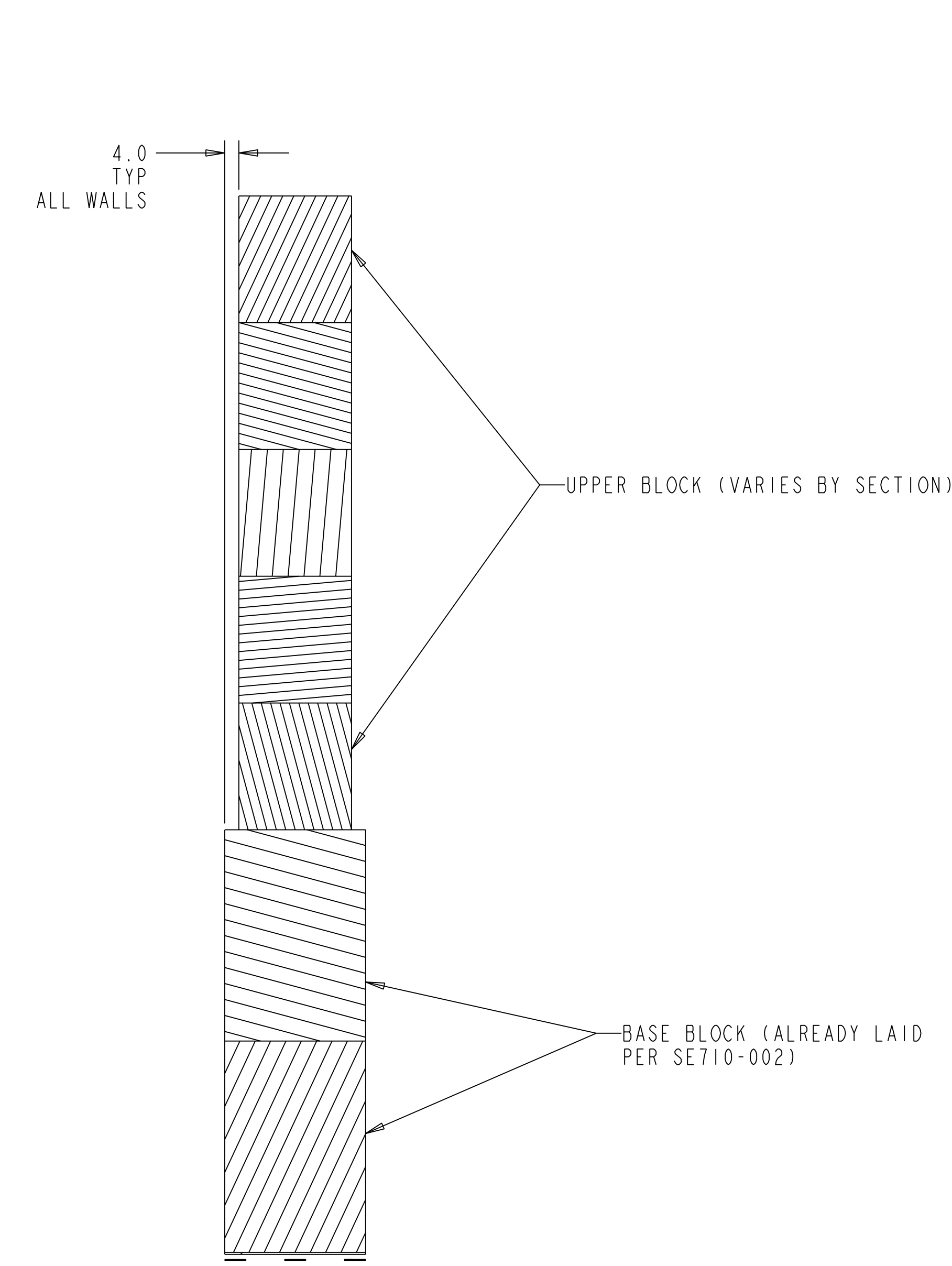
NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	AS BUILT ECN 5070	CP	MM	JS	E. PERRY	3-20-06



VIEW C-C
SCALE 0.025



SECTION D-D
SCALE 0.025



SECTION A-A
SCALE 0.035

NOTES:

1. THE INTERLOCKING (FORMER PBX BLOCK) CORNERS SHOULD BE ASSEMBLED FIRST SINCE THE JOINTS ARE FIXED
2. THE PBX BLOCKS ARE MARKED BY PART NUMBERS FROM THEIR ORIGINAL ASSEMBLY SEVERAL CONFIGURATIONS SHARE THE SAME OLD NUMBER, THEY ARE ALL THE SAME LENGTH, I.E. A LOWER COURSE #15 IS THE SAME LENGTH AS AN UPPER COURSE #15 EXCEPT IT HAS A FLAT BOTTOM. THEY HAVE BEEN ASSIGNED NEW PART NUMBERS, BUT THE OLD NUMBERS ARE PRINTED WITH EACH BLOCK FOR REFERENCE
3. ALL 32" WIDE UPPER BLOCKS ARE SET IN 4" FROM THE EDGES OF THE 40" BASE BLOCKS BELOW AS INDICATED IN SECTION A-A

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY RECD
27	SE710-012-7	95" CONCRETE UPPER WALL BLOCK	--	1
26	SE710-012-6	86" CONCRETE UPPER WALL BLOCK	--	6
25	SE710-012-5	76" CONCRETE UPPER WALL BLOCK	--	7
24	SE710-012-3	60" CONCRETE UPPER WALL BLOCK	--	6
23	SE710-012-2	124" CONCRETE UPPER WALL BLOCK	--	6
22	SE710-005-2	124" CONCRETE UPPER WALL BLOCK	--	6
21	SE710-005-1	168" CONCRETE UPPER WALL BLOCK	--	6
20	PLT32X64	EXISTING PLT SHIELD BLOCK 32"x64"x9'	--	24
19	PLT32X36	EXISTING PLT BLOCK 32"x36"x21'4"	--	20
18	5605-D-10136SA-10-0	EXISTING PBX SHIELD WALL BLOCK	--	1
17	5605-D-10134SA-16-3.5	EXISTING PBX SHIELD WALL BLOCK	--	1
16	5605-D-10132SA-17-0	EXISTING PBX SHIELD WALL BLOCK	--	3
15	5605-D-10132SA-14-4	EXISTING PBX SHIELD WALL BLOCK	--	2
14	5605-D-10131SA-6-5	EXISTING PBX SHIELD WALL BLOCK	--	1
13	5605-D-10131SA-6-1	EXISTING PBX SHIELD WALL BLOCK	--	1
12	5605-D-10126SA-9-1	EXISTING PBX SHIELD WALL BLOCK	--	3
11	5605-D-10126SA-16-3.5	EXISTING PBX SHIELD WALL BLOCK	--	2
10	5605-D-10124SA-17-0	EXISTING PBX SHIELD WALL BLOCK	--	3
9	5605-D-10124SA-10-0	EXISTING PBX SHIELD WALL BLOCK	--	2
8	5605-D-10122SA-14-4	EXISTING PBX SHIELD WALL BLOCK	--	3
7	5605-D-10121SA-6-5	EXISTING PBX SHIELD WALL BLOCK	--	2
6	5605-D-10121SA-6-1	EXISTING PBX SHIELD WALL BLOCK	--	2
5	5605-D-10121SA-13-7.5	EXISTING PBX SHIELD WALL BLOCK	--	3
4	5605-D-10120SA-6-1	EXISTING PBX SHIELD WALL BLOCK	--	3
3	5605-D-10120SA-17-0	EXISTING PBX SHIELD WALL BLOCK	--	12
2	5605-D-10120SA-14-4	EXISTING PBX SHIELD WALL BLOCK	--	7
1	5605-D-10120SA-10-0	EXISTING PBX SHIELD WALL BLOCK	--	3

PARTS LIST

RELEASED FOR FABRICATION / INSTALLATION
PPPL Drafting:

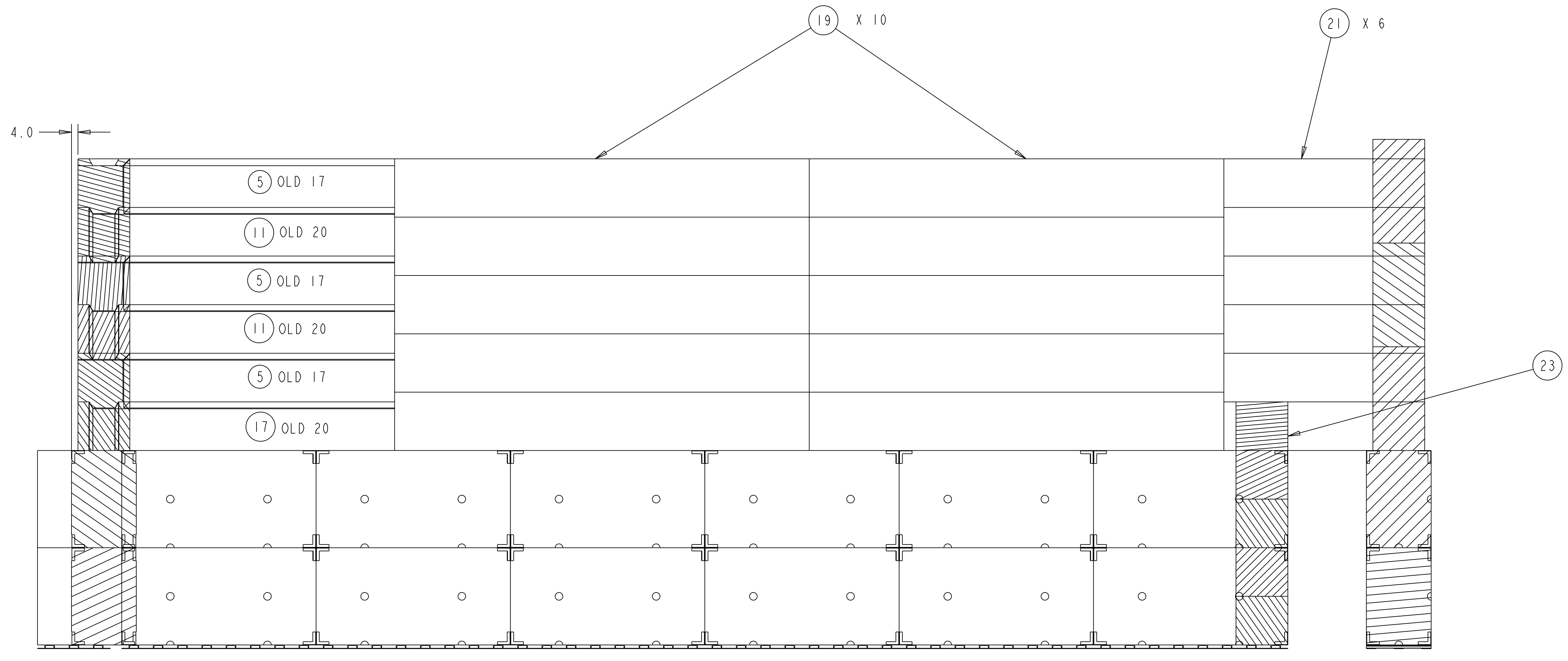
RELEASE LEVEL: FABRICATION
DWG VERSION NO: 1

WEIGHT	MODEL NAME
	SE710-001

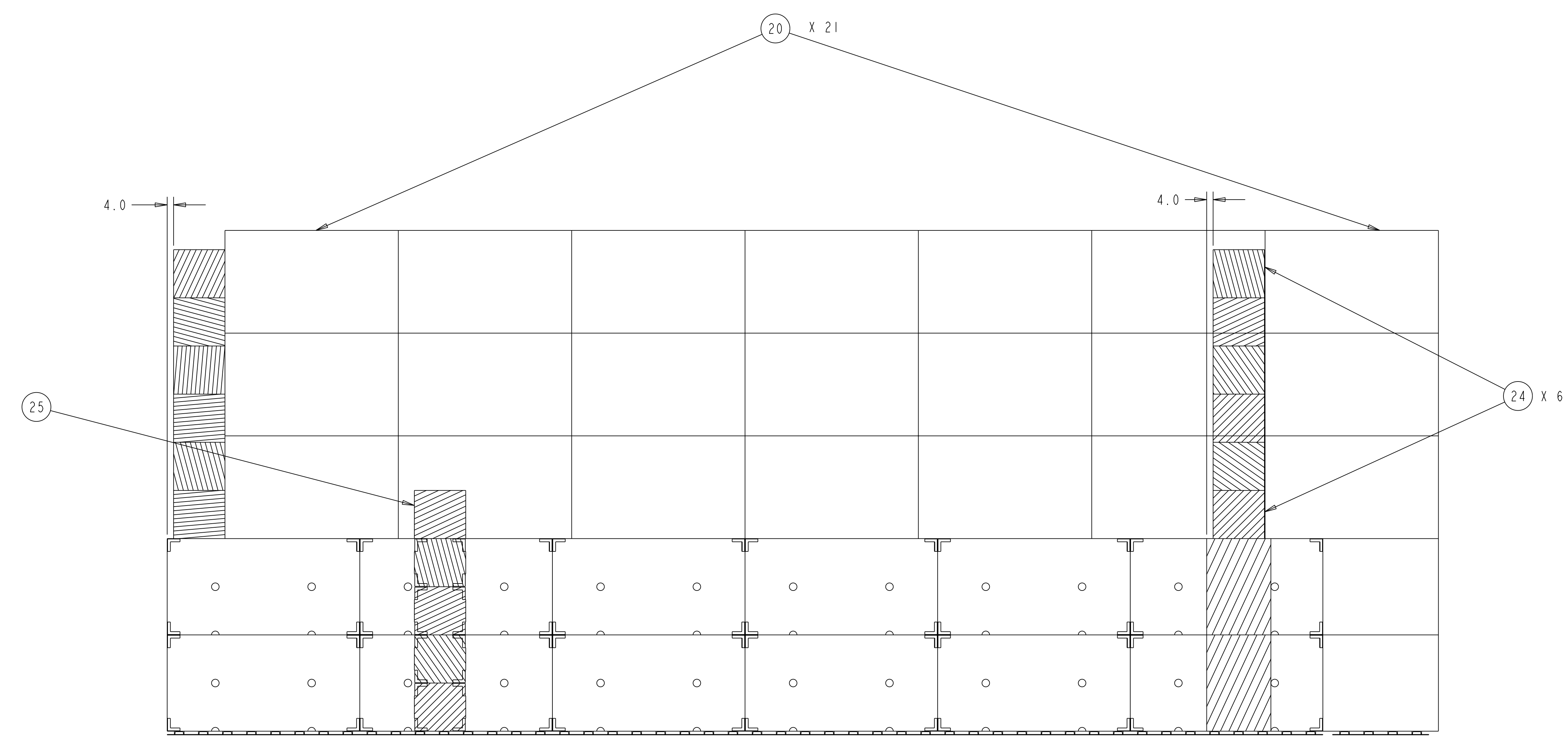
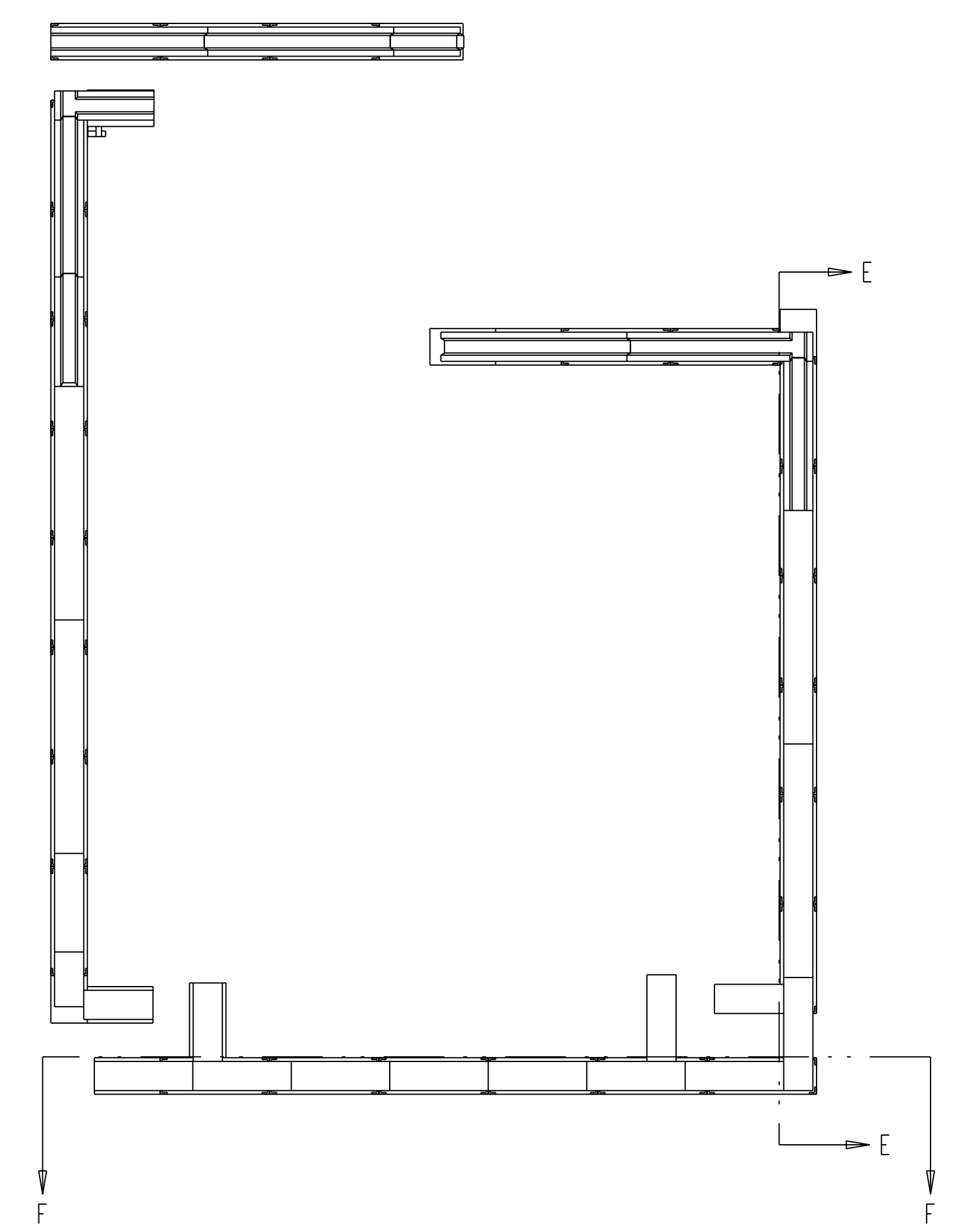
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/0.020	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT NC SX TEST CELL SHIELD WALL UPPER COURSES/FINAL ASSEMBLY
DO NOT VERIFY INFORMATION BY SCALING DRAWING	TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX +/- .000 .XXX +/- .005 ANGULAR +/- 0°15'	DSN: C. PRINSIKI 1-19-05 CHK: R. PARSELLS 1-19-05 ENGR: R. PARSELLS 1-19-05 SUPV: J. SIEGEL 1-19-05
NEXT ASSEMBLY		DRAWING NO: SE710-003 SHEET 1 OF 3

NC SX-SE710-003

NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	AS BUILT ECN 5070	CP	MM	JS	E. PERRY	3-20-06



SECTION E-E
SCALE 0.025



SECTION F-F
SCALE 0.025

**RELEASED FOR
FABRICATION / INSTALLATION**

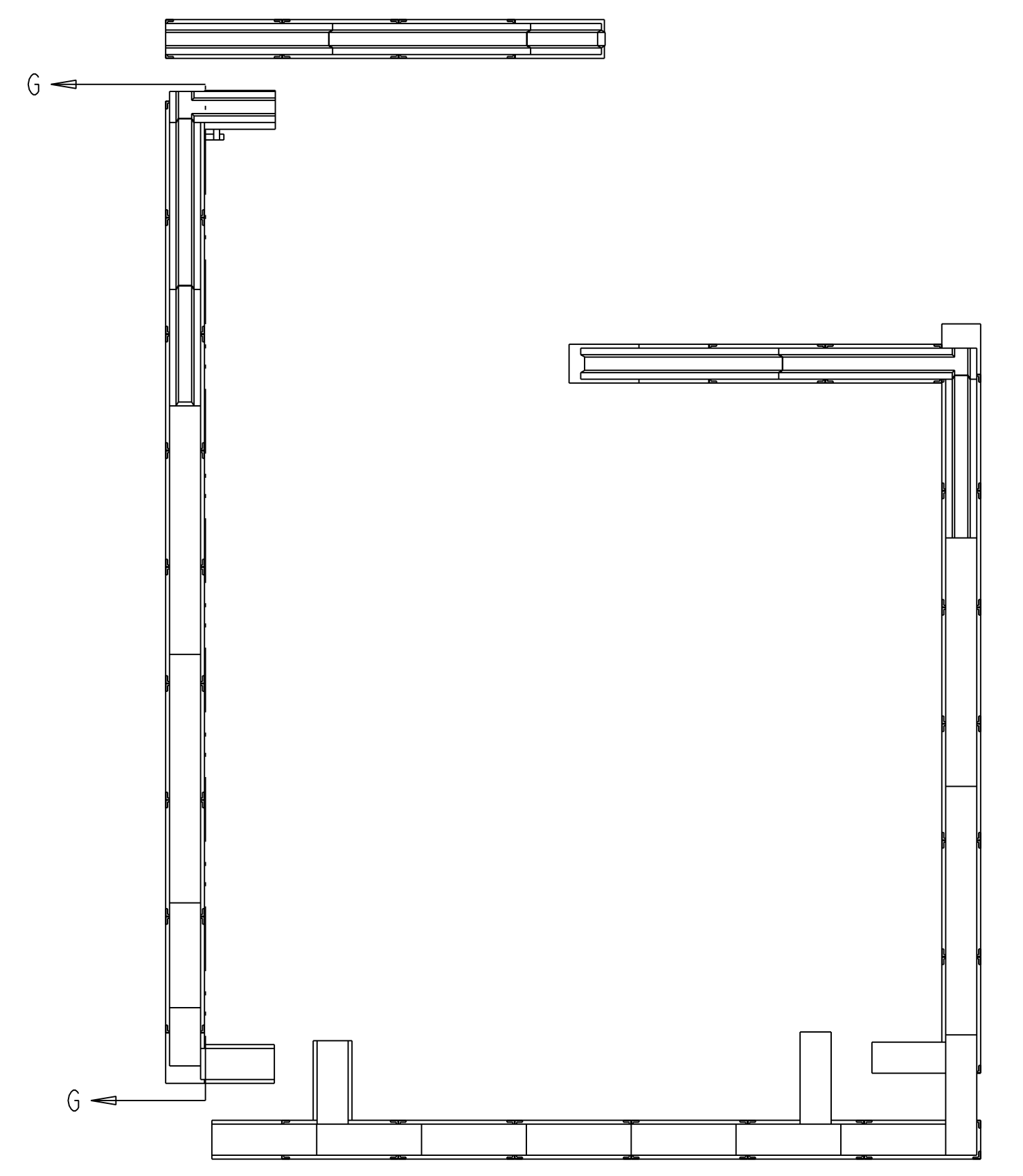
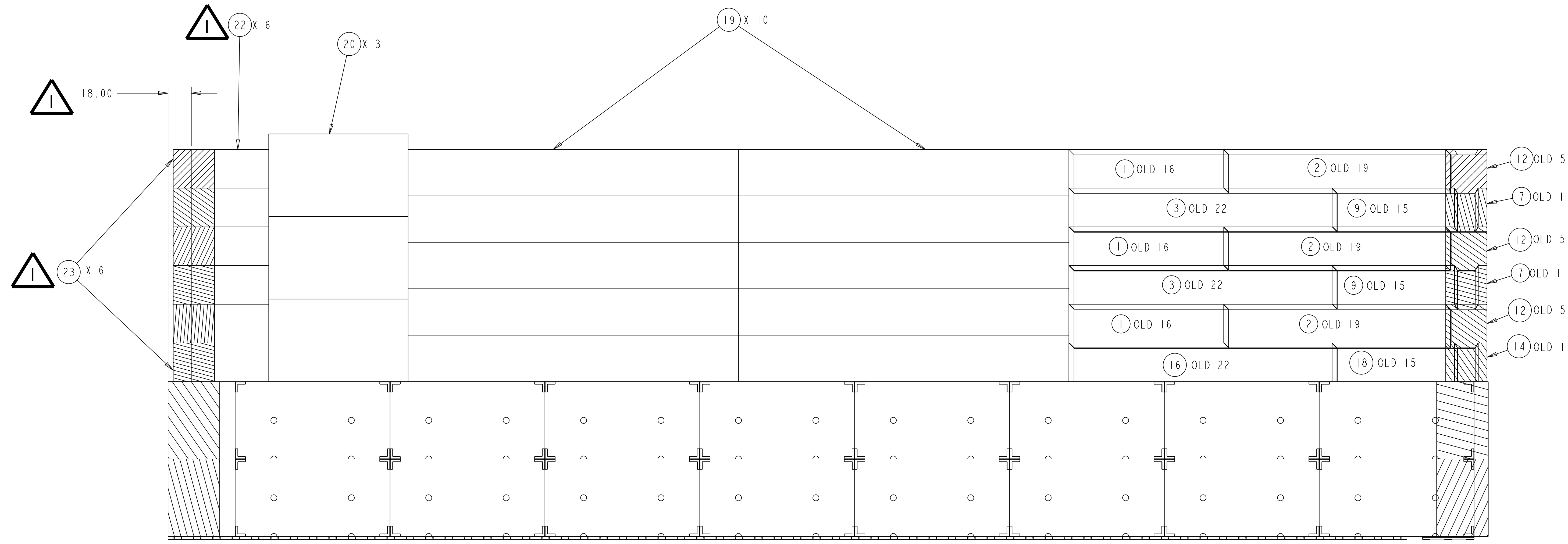
PPPL Drafting:

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	UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT			
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES	NCSX TEST CELL SHIELD WALL UPPER COURSES / FINAL ASSEMBLY			
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	DSN: C. PRINSKI	1-19-05	DRAWING NO:	
WEIGHT	TOLERANCES NON-CUMULATIVE	CHK: R. PARSELLS	1-19-05	SE710-003	
MODEL NAME SE710-001	DECIMAL-INCH FRACTIONS	ENGR: R. PARSELLS	1-19-05	SHEET 2 OF 3	REV 1
WELDING ENGINEER	.XX +/- .030 0°-12° +/- .010 .XXX +/- .005 12°-120° +/- .010 ANGULAR +/- .0°-15° OVER 120° +/- .010	SUPV: J. SIEGEL	1-19-05		

**RELEASE LEVEL: FABRICATION
DWG VERSION NO: 1**

NCSX-SE710-003

NO.	REVISION	BY	CH	SUP	APPROVED	DATE
1	AS BUILT ECN 5070	CP	MM	JS	E. PERRY	3-20-06



SECTION G-G
SCALE 0.025

**RELEASED FOR
FABRICATION / INSTALLATION**
PPPL Drafting:

RELEASE LEVEL: FABRICATION
DWG VERSION NO: 1

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY		
	UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT		
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES	NCSX TEST CELL SHIELD WALL UPPER COURSES / FINAL ASSEMBLY		
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	DSN: C. PRINSKI	1-19-05	DRAWING NO:
WEIGHT	TOLERANCES NON-CUMULATIVE	CHK: R. PARSELLS	1-19-05	SE710-003
MODEL NAME SE710-001	DECIMAL-INCH FRACTIONS	ENGR: R. PARSELLS	1-19-05	SHEET 3 OF 3
WELDING ENGINEER	.XX +/- .000 .XXX +/- .005 ANGULAR +/- .0°-15'	SUPV: J. SIEGEL	1-19-05	REV 1

NCSX-SE710-003