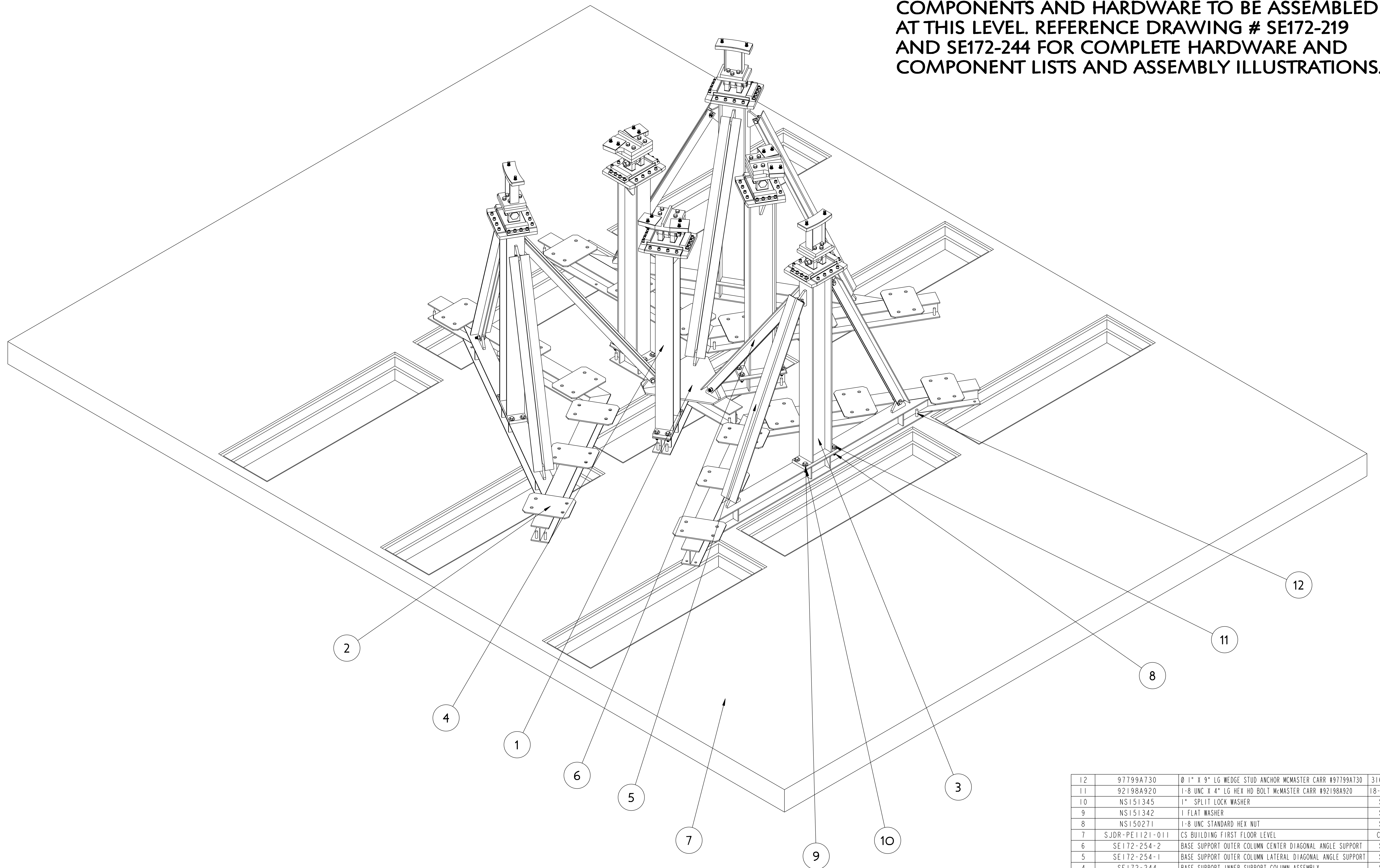


NO.	REVISION	BY	CH	SUP	APPROVED	DATE

NOTE:

BILL OF MATERIAL DOES NOT LIST ALL COMPONENTS AND HARDWARE TO BE ASSEMBLED AT THIS LEVEL. REFERENCE DRAWING # SE172-219 AND SE172-244 FOR COMPLETE HARDWARE AND COMPONENT LISTS AND ASSEMBLY ILLUSTRATIONS.



PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY	RECD
12	97799A730	Ø 1" X 9" LG WEDGE STUD ANCHOR MCMASTER CARR #97799A730	316 STN STL	32	
11	92198A920	1-8 UNC X 4" LG HEX HD BOLT MCMASTER CARR #92198A920	18-8 STN STL	42	
10	NS151345	1" SPLIT LOCK WASHER	STN STL	42	
9	NS151342	1" FLAT WASHER	STN STL	42	
8	NS150271	1-8 UNC STANDARD HEX NUT	STN STL	42	
7	SJDR-PE1121-011	CS BUILDING FIRST FLOOR LEVEL	CONCRETE	1	
6	SE172-254-2	BASE SUPPORT OUTER COLUMN CENTER DIAGONAL ANGLE SUPPORT	STN STL	6	
5	SE172-254-1	BASE SUPPORT OUTER COLUMN LATERAL DIAGONAL ANGLE SUPPORT	STN STL	12	
4	SE172-244	BASE SUPPORT INNER SUPPORT COLUMN ASSEMBLY	STN STL	3	
3	SE172-219	BASE SUPPORT OUTER SUPPORT COLUMN ASSEMBLY	STN STL	3	
2	SE172-207	OUTER SUPPORT BASE ASSEMBLY	STN STL	3	
1	SE172-203	CENTER SUPPORT BASE ASSEMBLY	STN STL	1	

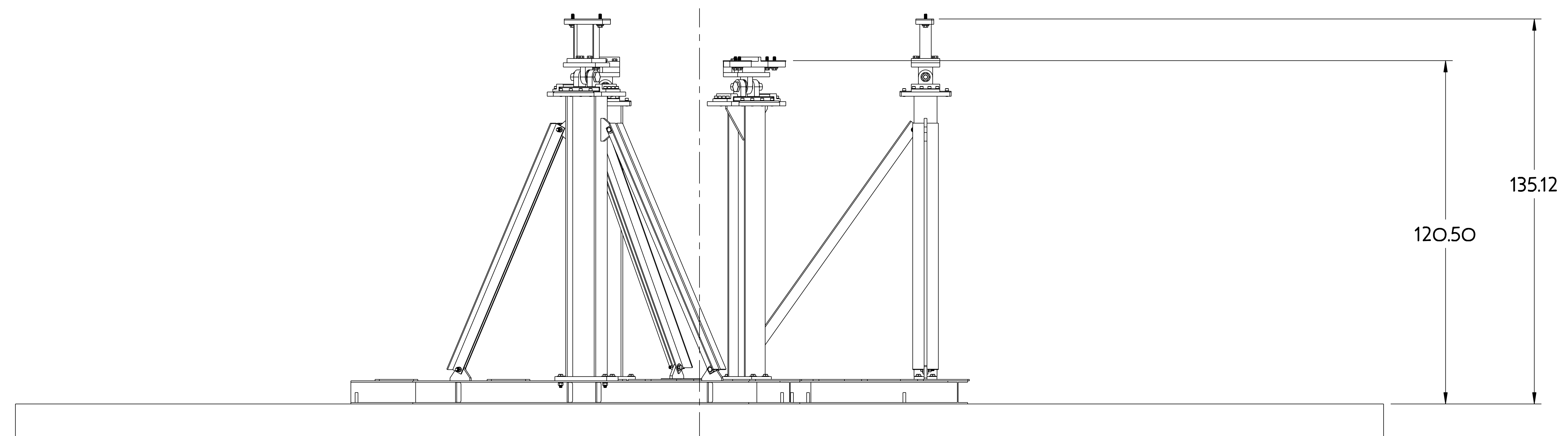
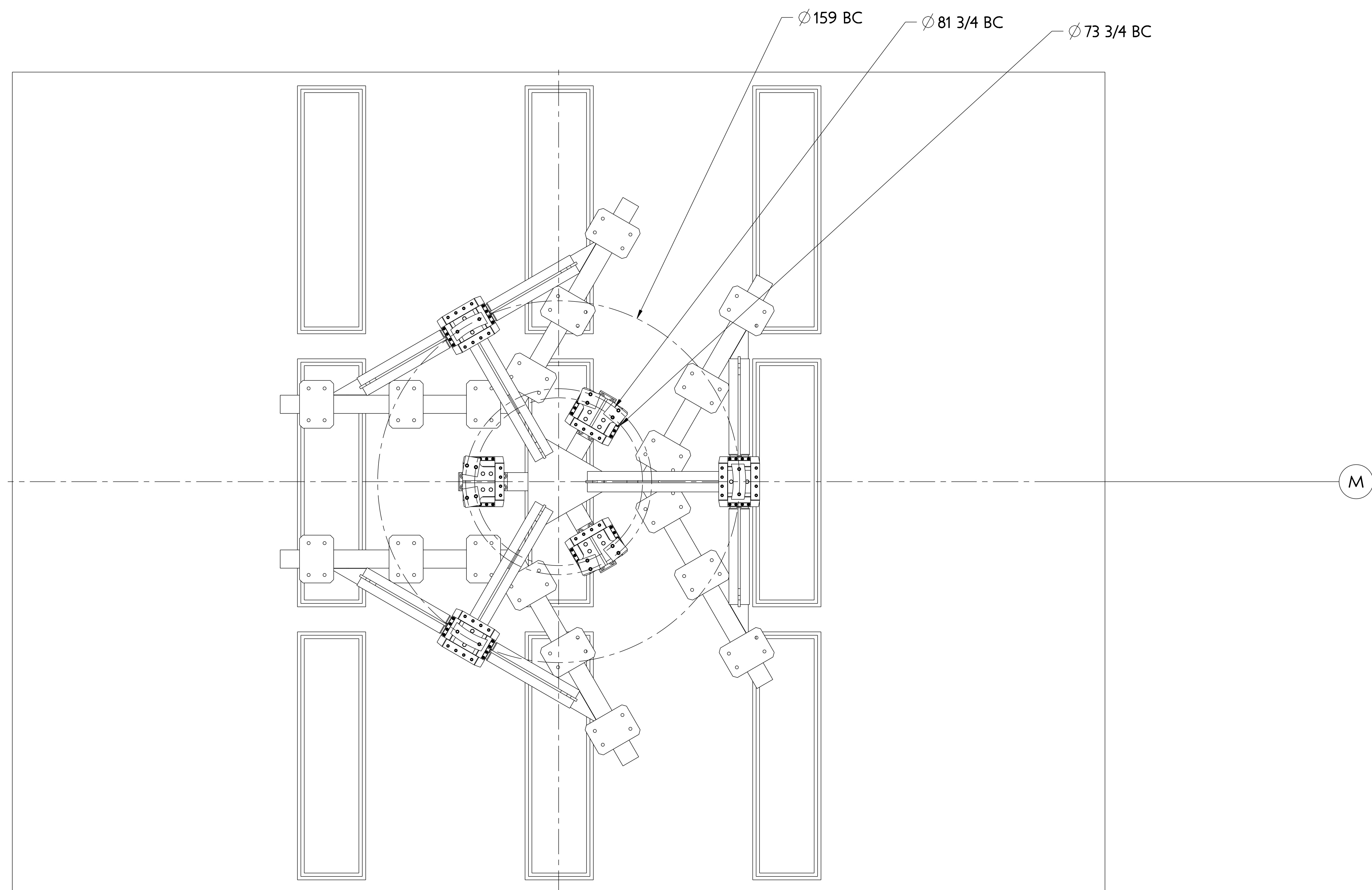
PARTS LIST			
PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	QTY RECD
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED			
CENTRAL FILES:		PRINCETON PLASMA PHYSICS LABORATORY	
UNLESS OTHERWISE SPECIFIED		PRINCETON UNIVERSITY	
DIMENSIONS ARE IN INCHES MACHINE SURFACES UNLESS OTHERWISE SPECIFIED			
BREAK SHARP EDGES .005/.020		STELLARATOR CORE	
TOLERANCES NON-CUMULATIVE		BASE SUPPORT STRUCTURE	
DSN: T. CRUICKSHANK		MACHINE BASE SUPPORT STRUCTURE ASSEMBLY WITH FLOOR	
DRAWING NO:		SE172-201	
NEXT ASSEMBLY		CHK: ENGR: F. DAHLGREN	
DECIMAL-INCH FRACTIONS		SUPV:	
.XX ±.005 0°-120° ±.124		SHEET 1 OF 4	
.XXX ±.005 72°-120° ±.124		REV D, 04	
ANGULAR ±.0°-15° OVER 120° ±.124		NCSX-ASSY-FORMAT.E	

RELEASE LEVEL: WIP
DWG VERSION NO: 2

WEIGHT
164516.8 lbs
MODEL NAME
SE172-201
WELDING ENGINEER

NCSX-SE172-201

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



RELEASE LEVEL: WIP
 DWG VERSION NO: 2

WEIGHT	164516.8 lbs
MODEL NAME	SJDR-PE1121-011
WELDING ENGINEER	

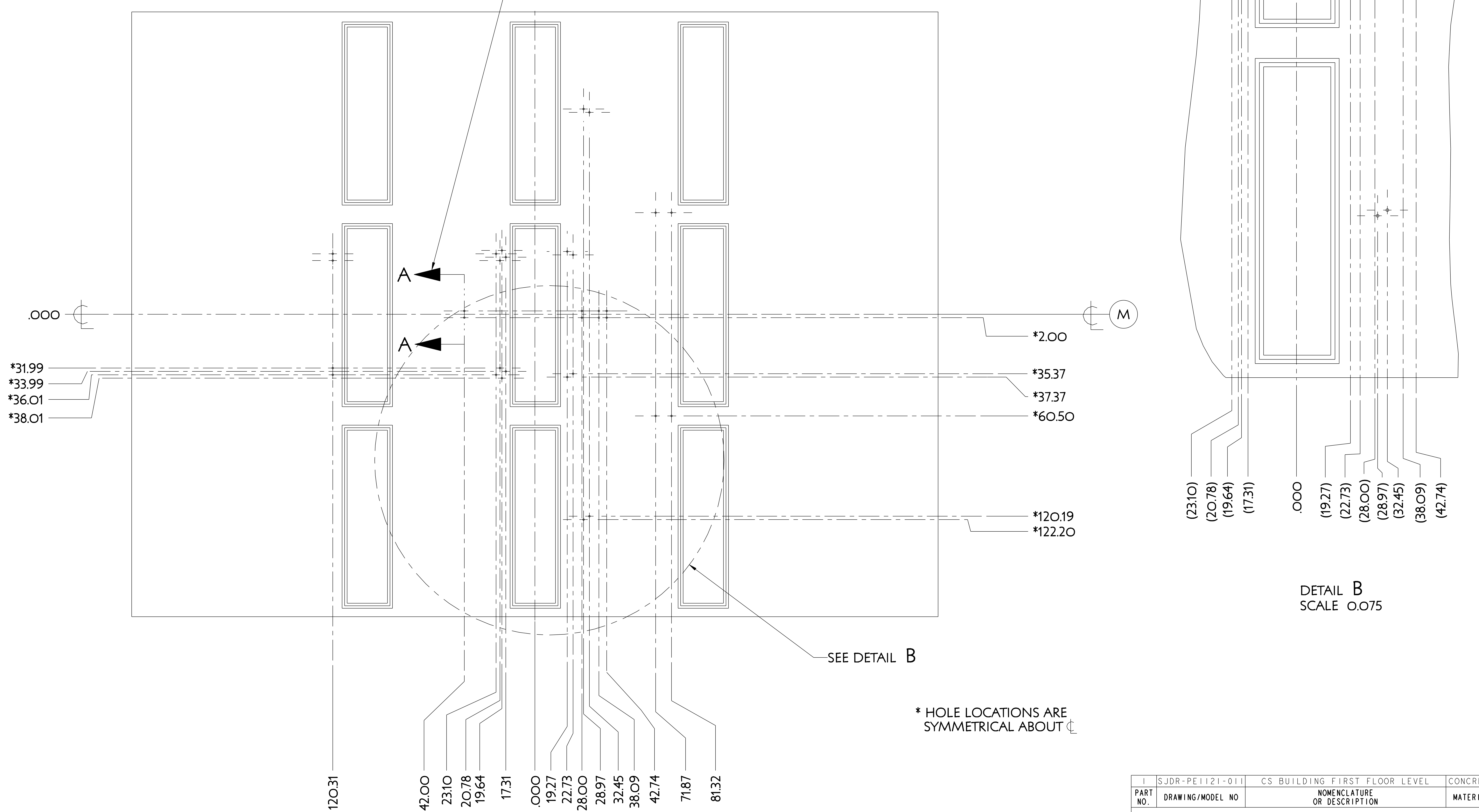
PART NO.	DRAWING/MODEL NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY RECD
PARTS LIST				
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E		CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY	
DO NOT VERIFY INFORMATION BY SCALING DRAWING		DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	NATIONAL COMPACT STELLARATOR EXPERIMENT	
NEXT ASSEMBLY		TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX +/- .030 .XXX +/- .005 ANGULAR +/- .0°-15'	DSN: T. CRUICKSHANK ENGR: F. DAHLGREN SUPV:	DRAWING NO: SE172-201 SHEET 2 OF 4 REV B, 04

NCSX-SE172-201

NO.	REVISION	BY	CH	SUP	APPROVED	DATE

1. DRAWINGS PREPARED IN ACCORDANCE WITH ASME Y14.100-2000
2. INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-1994.
3. DIMENSIONS ARE IN INCHES.
4. SEE SPECIFICATION NCSX-CSPEC-XXX-XX-XX FOR ADDITIONAL INFORMATION AND/OR MATERIAL REQUIREMENTS.

SEE SHEET 4 FOR SECTION A-A DETAILS



DETAIL B
SCALE 0.075

SEE DETAIL B

* HOLE LOCATIONS ARE SYMMETRICAL ABOUT C

PART NO.	DRAWING/MODEL NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY	RECD

PRINCETON PLASMA PHYSICS LABORATORY
NATIONAL COMPACT STELLARATOR EXPERIMENT
STELLARATOR CORE
BASE SUPPORT STRUCTURE
TEST CELL FLOOR ANCHOR BOLT LOCATIONS

WEIGHT	149640.4 lbs
MODEL NAME	SJDR-PE1121-011
WELDING ENGINEER	

RELEASE LEVEL: WIP	DWG VERSION NO: 2
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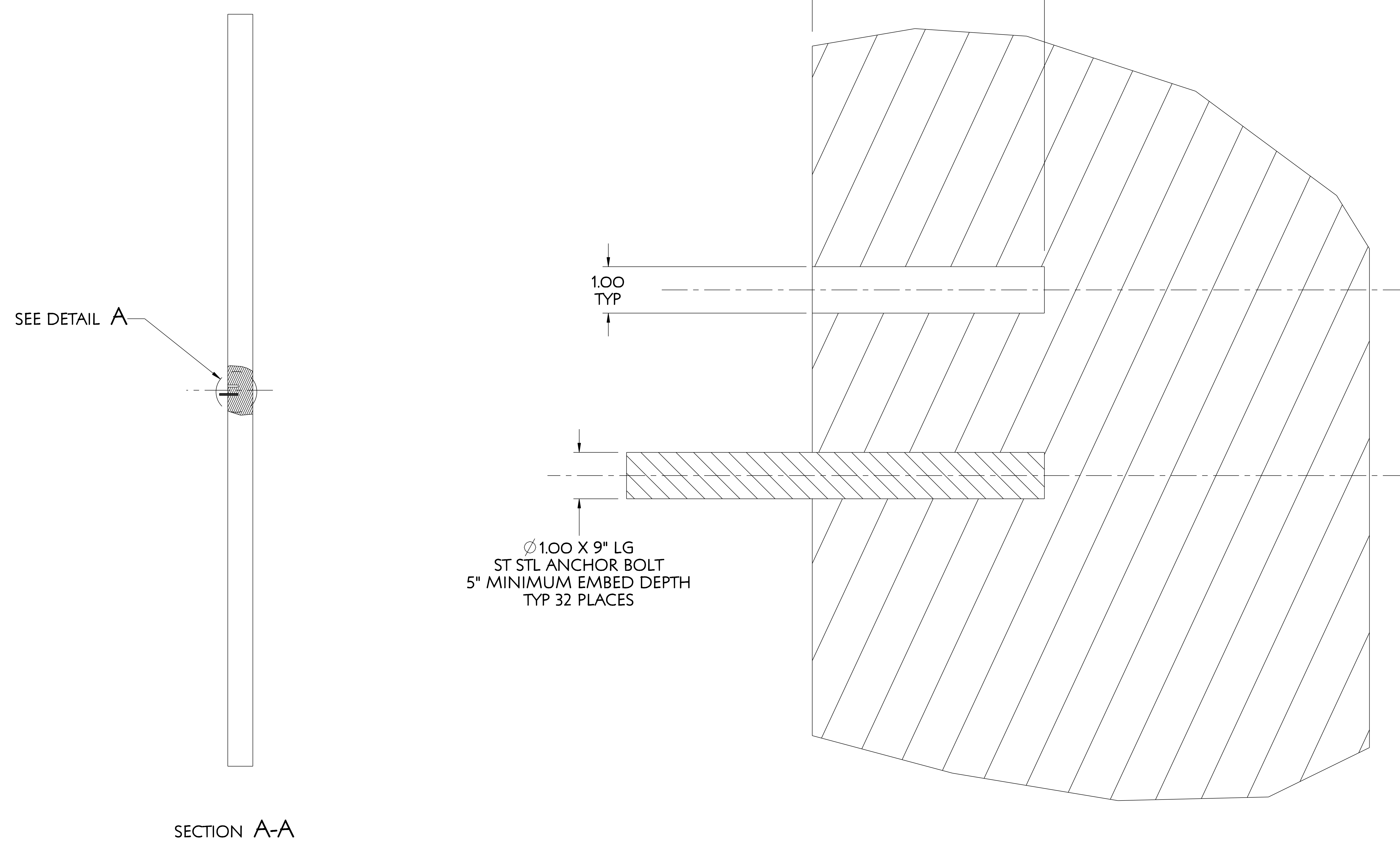
DECIMAL-INCH	FRACTIONS	CHK:	SE172-201
.XX	1/16	ENGR: F. DAHLGREN	
.XXX	1/32	SUPV:	
ANGULAR	OVER		

SHEET 3 OF 4 REV D.04

NCSX-SE172-201

NO.	REVISION	BY	CH	SUP	APPROVED	DATE

1. DRAWINGS PREPARED IN ACCORDANCE WITH ASME Y14.100-2000
2. INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5-1994.
3. DIMENSIONS ARE IN INCHES.
4. SEE SPECIFICATION NCSX-CSPEC-XXX-XX-XX FOR ADDITIONAL INFORMATION AND/OR MATERIAL REQUIREMENTS.



COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY UNIVERSITY	
Pro E	UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES	STELLARATOR CORE BASE SUPPORT STRUCTURE TEST FLOOR ANCHOR BOLT HOLE LOCATIONS	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	DSN: T. CRUICKSHANK	DRAWING NO:
WEIGHT 164516.8 lbs	TOLERANCES NON-CUMULATIVE	ENGR: F. DAHLGREN	SEI72-201
MODEL NAME SJDR-PE1121-011	DECIMAL-INCH FRACTIONS	SUPV:	SHEET 4 OF 4
RELEASE LEVEL: WIP	.XX +/- .000 0°-12° +/- .010		REV B, 04
DWG VERSION NO: 2	.XXX +/- .005 12°-120° +/- .100		
WELDING ENGINEER	ANGULAR +/- 0°-15° OVER 120° +/- .100		

NCSX-SEI72-201