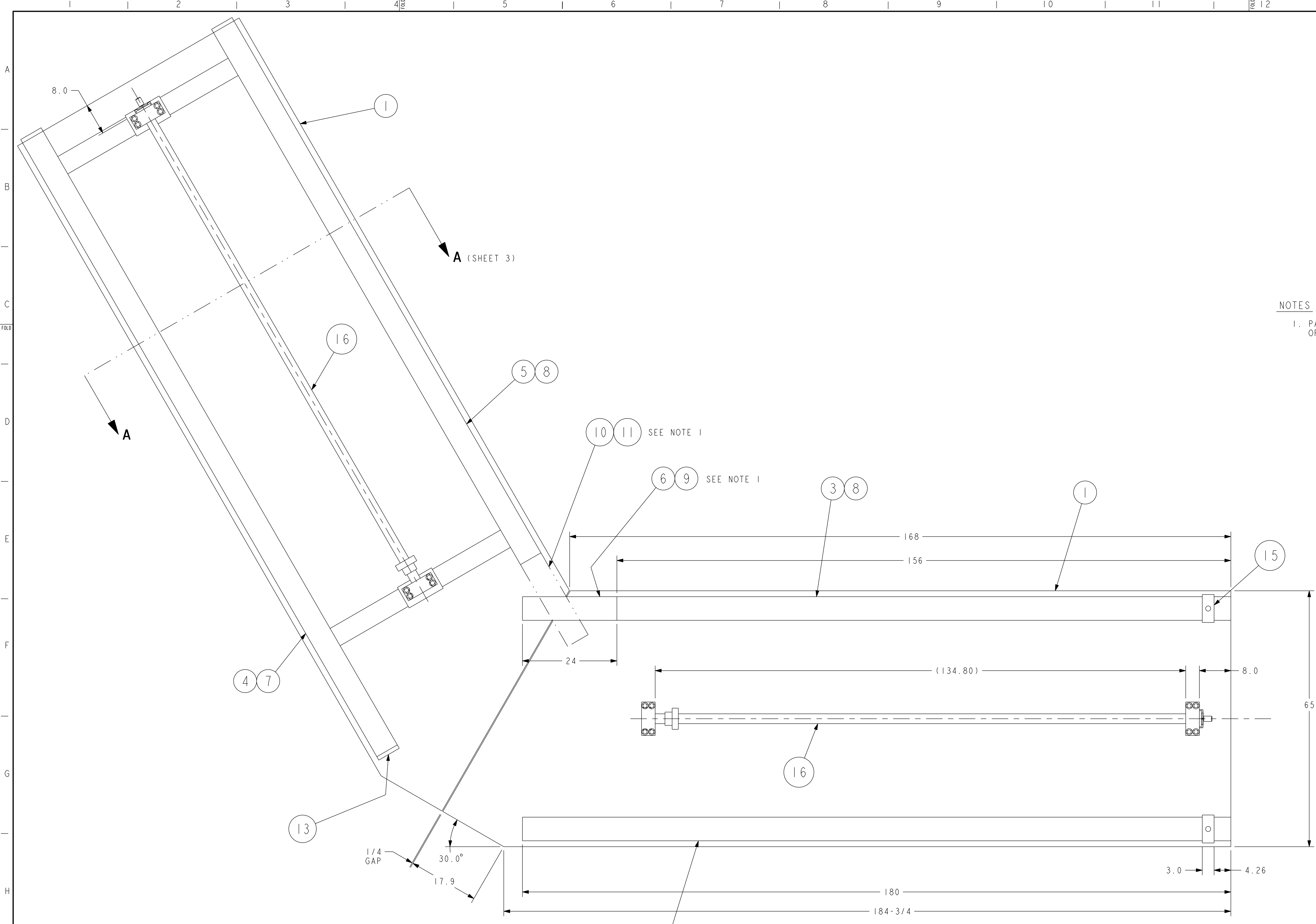


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



**NOTES**  
 1. PARTS 6 AND 9 TO BE REMOVED AS A PAIR TO ALLOW INSTALLATION OF PARTS 10 AND 11 AS A PAIR AT NEXT ASSEMBLY STAGE.

B/M CONTINUED

2	14	SE185-003-14	MACHINE SCREW SUPPORT PLATE	ASTM A36
4	13	SE185-003-13	END PLATE	ASTM A36
2	12	SE185-003-12	SUPPORT BEAM - S12 x 35# x 56" LG	ASTM A36
1	11	SE185-003-11	SLIDER RAIL - 24" LG (HARDENED)	ASTM A36
1	10	SE185-003-10	SUPPORT BEAM - S15 x 42# x 24" LG	ASTM A36
1	9	SE185-003-9	SLIDER RAIL - 24" LG (HARDENED)	ASTM A36
2	8	SE185-003-8	SLIDER RAIL - 156" LG (HARDENED)	ASTM A36
2	7	SE185-003-7	SLIDER RAIL - 180" LG (HARDENED)	ASTM A36
1	6	SE185-003-6	SUPPORT RAIL - 24" LG	ASTM A36
1	5	SE185-003-5	SUPPORT BEAM - S15 x 42# x 156" LG	ASTM A36
1	4	SE185-003-4	SUPPORT BEAM - S15 x 42# x 180" LG	ASTM A36
1	3	SE185-003-3	SUPPORT RAIL - 156" LG	ASTM A36
1	2	SE185-003-2	SUPPORT RAIL - 180" LG	ASTM A36
2	1	SE185-003-1	BASE PLATE	ASTM A36
1	—	—	THIS DWG	—
1	—	—	LOWER TRACK ASSEMBLY	—

PARTS LIST

2	16	COMM	NOOK ACME NUT AND SCREW ASSEMBLY 2 1/2" - 4 x 144" TRAVEL	
2	15	SE185-088	LOWER RAIL STOP	ASTM A36

B/M CONTINUED

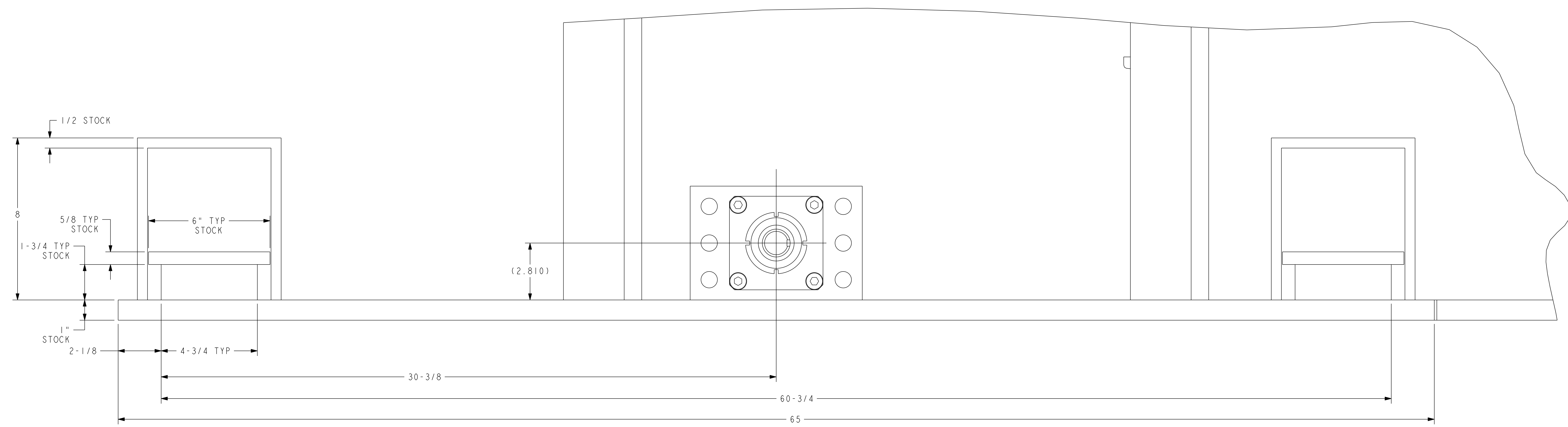
WEIGHT  
10715.8 lbs

MODEL NAME  
SE185-003

RELEASE LEVEL: WIP  
 DWG VERSION NO:

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY <b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b> FIELD PERIOD ASSEMBLY FIELD PERIOD ASSEMBLY FIXTURE LOWER TRACK ASSEMBLY	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	SCALE 0.100	TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX +/- .030 .XXX +/- .005 ANGULAR +/- 0°15'	DSN: L. MORRIS CHK: ENGR: T. BROWN SUPV:
NEXT ASSEMBLY		DRAWING NO: <b>SE185-003</b>	SHEET 1 OF 3 REV 0

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



END VIEW

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

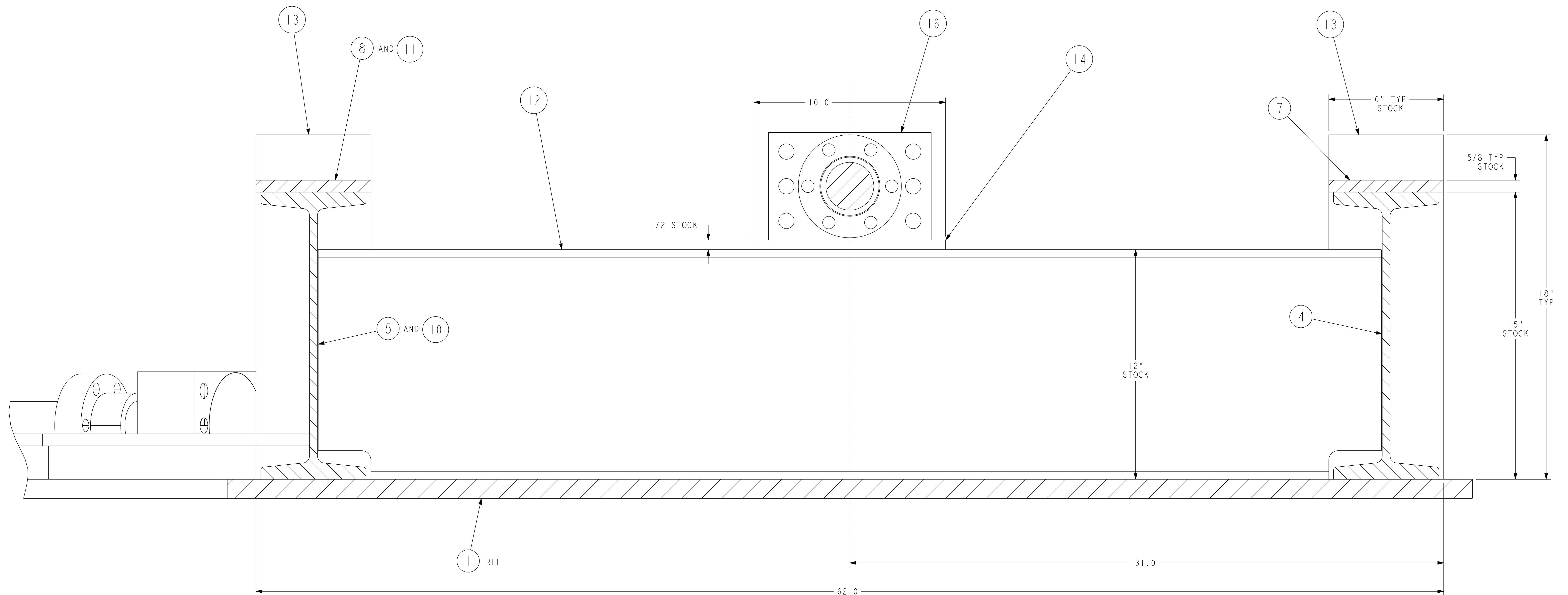
RELEASE LEVEL: WIP  
DWG VERSION NO: 5

WEIGHT  
10715.8 lbs  
MODEL NAME  
SE185-003

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY <b>NATIONAL COMPACT STELLARATOR EXPERIMENT</b>	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/ .020	FIELD PERIOD ASSEMBLY FIELD PERIOD ASSEMBLY FIXTURE LOWER TRACK ASSEMBLY	
SCALE 0.500	TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS	DRAWING NO:
NEXT ASSEMBLY	DECIMAL-INCH FRACTIONS .X +/- .000 0°-12° +/- .010 .XX +/- .030 12°-72° +/- .100 .XXX +/- .005 72°-120° +/- .125 ANGULAR +/- .0°-15° OVER 120° +/- .125	CHK: ENGR: T. BROWN	<b>SE185-003</b>
WELDING ENGINEER		SUPV:	SHEET 2 OF 3 REV 0

NCSX-SE185-003

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



SECTION **A-A**  
SCALE 0.500

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E DO NOT VERIFY INFORMATION BY SCALING DRAWING	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY	
	UNLESS OTHERWISE SPECIFIED	NATIONAL COMPACT STELLARATOR EXPERIMENT	
WEIGHT 10715.8 lbs	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	FIELD PERIOD ASSEMBLY FIELD PERIOD ASSEMBLY FIXTURE LOWER TRACK ASSEMBLY	
MODEL NAME SE185-003	TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS	DRAWING NO: <b>SE185-003</b>
RELEASE LEVEL: WIP DWG VERSION NO: 5	DECIMAL-INCH FRACTIONS	CHK: ENGR. T. BROWN	SHEET 3 OF 3
WELDING ENGINEER	.XX +/- .030 .XXX +/- .005 ANGULAR +/- 0°-15'	ENGR: T. BROWN	REV 0
	OVER 120° +/- 1/2°	SUPV:	DATE

NCSX-SE185-003