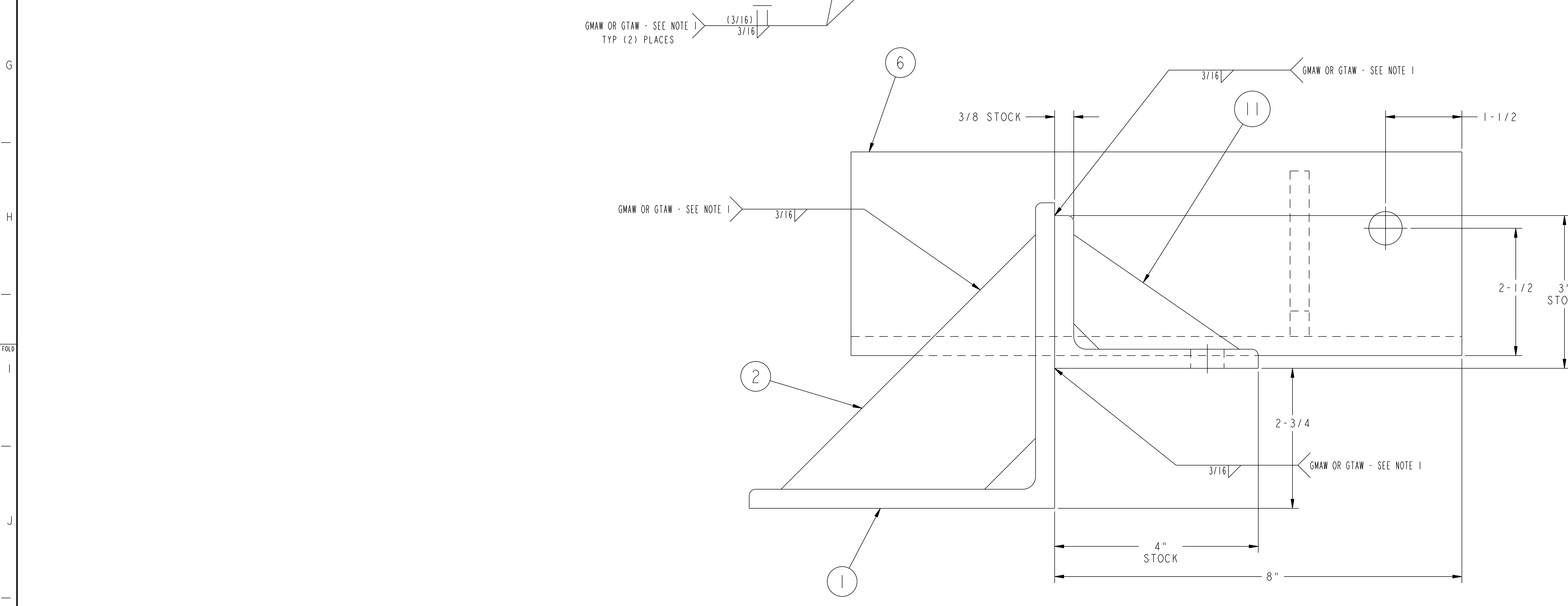
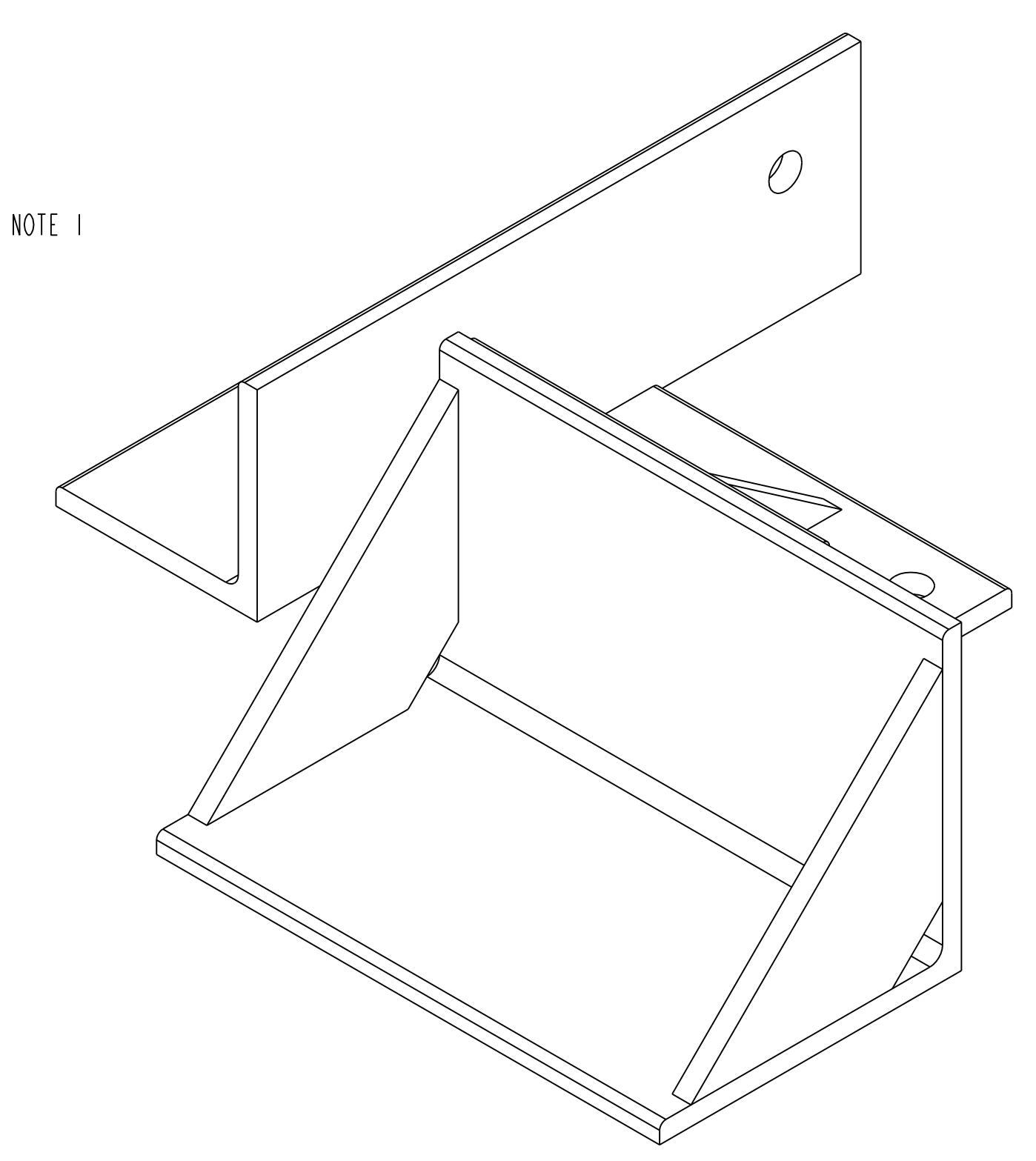
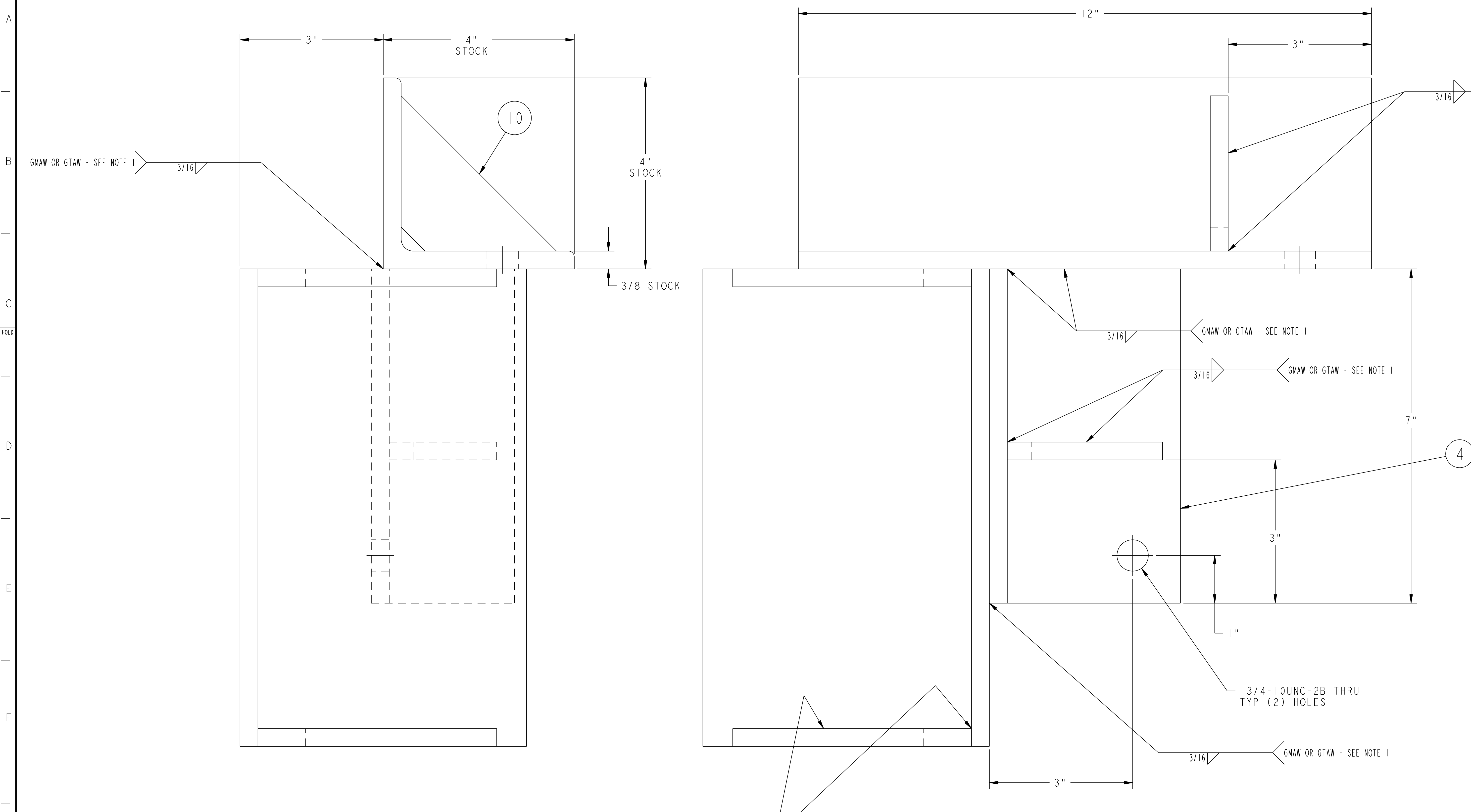


NO.	REVISION	BY	CH	SUP	APPROVED	DATE



REFERENCE NOTE: FOR DIMENSIONS NOT SHOWN
SEE SHEET 1

**RELEASED FOR
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FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

02 ASSEMBLY - POSITIONER BRACKET WELDMENT - TYPE "B"

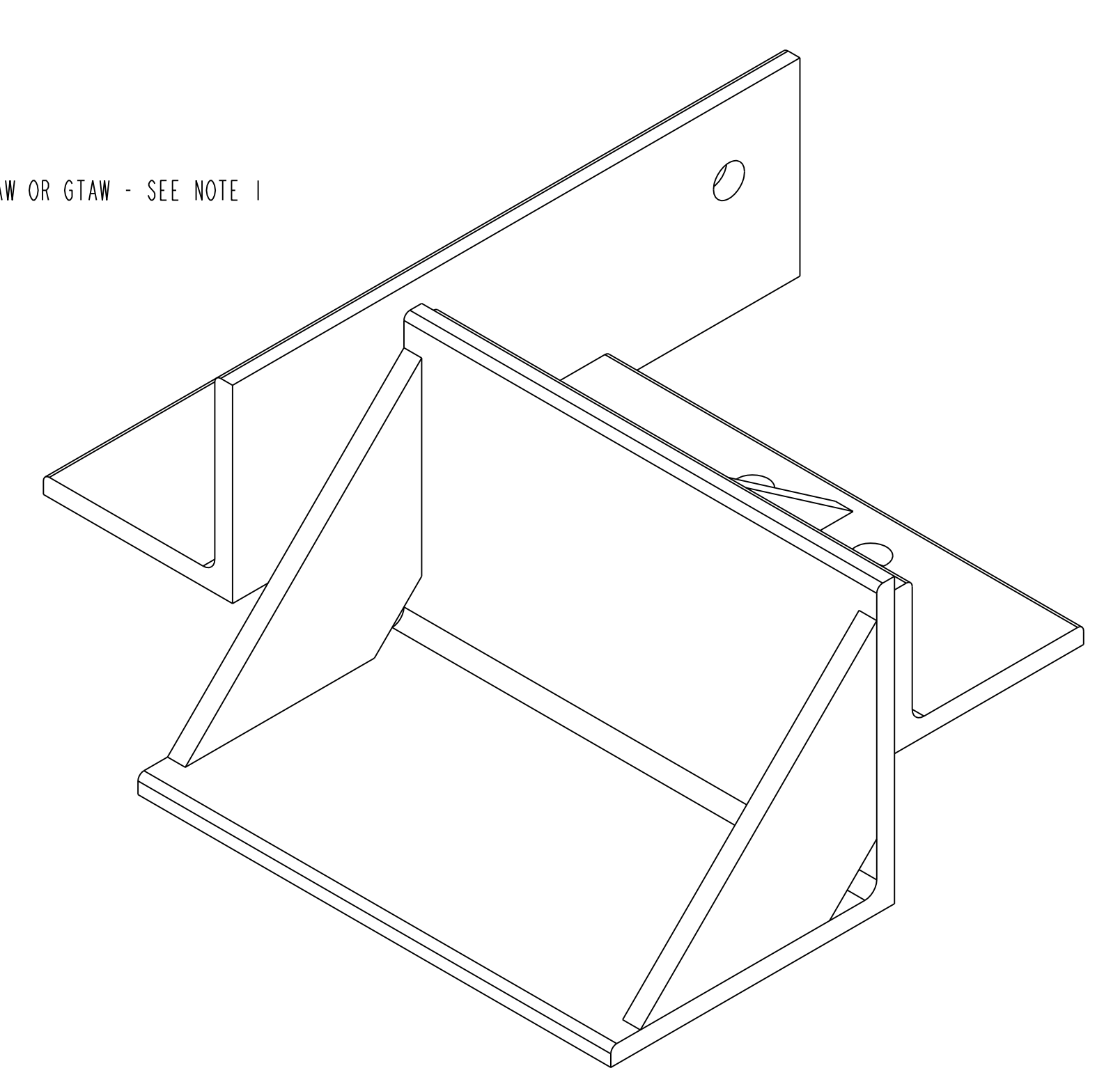
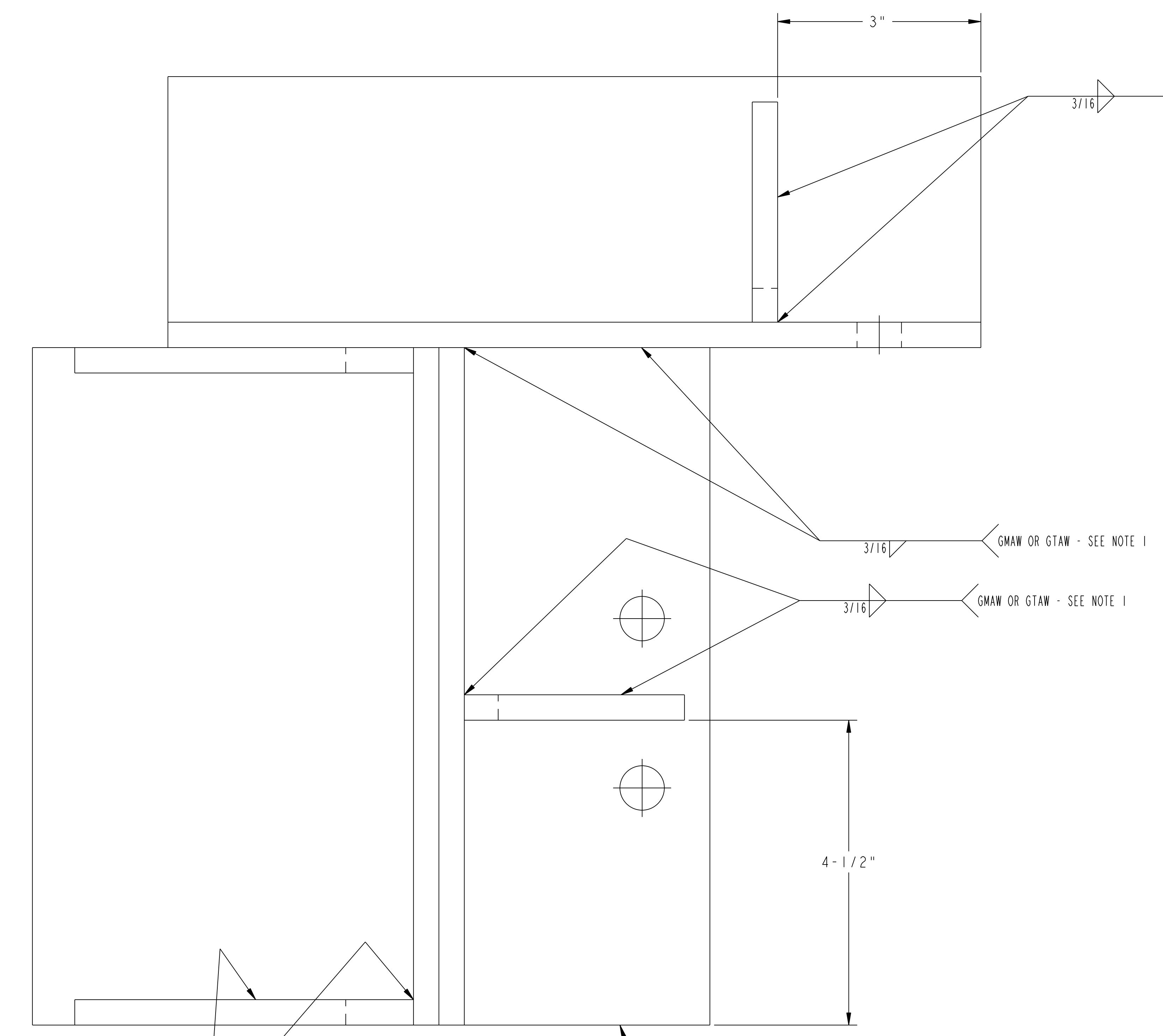
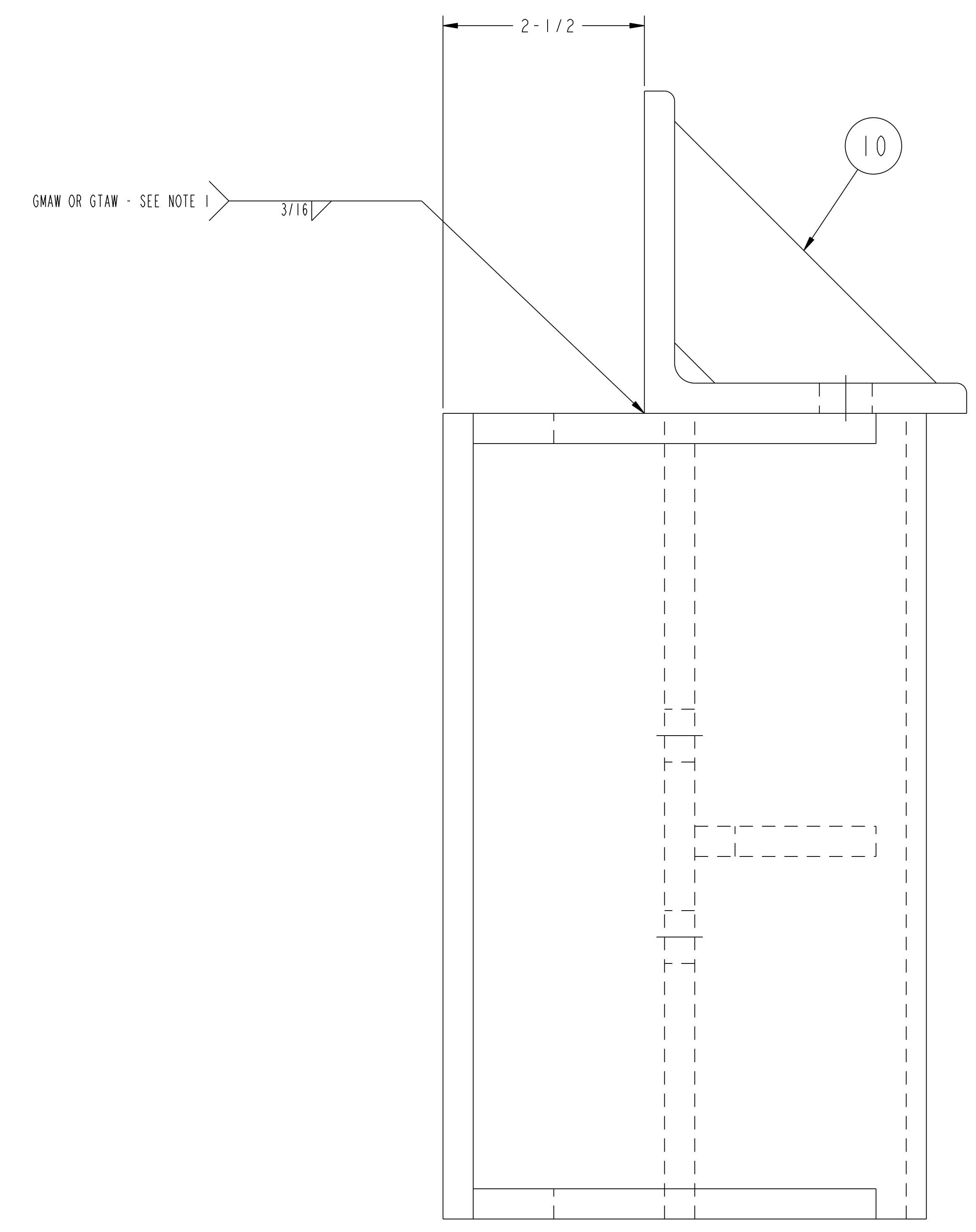
WEIGHT	33.3 lbs
MODEL NAME	SE186-335-01
WELDING ENGINEER	

RELEASE LEVEL: Fabrication
DWG VERSION NO: 0

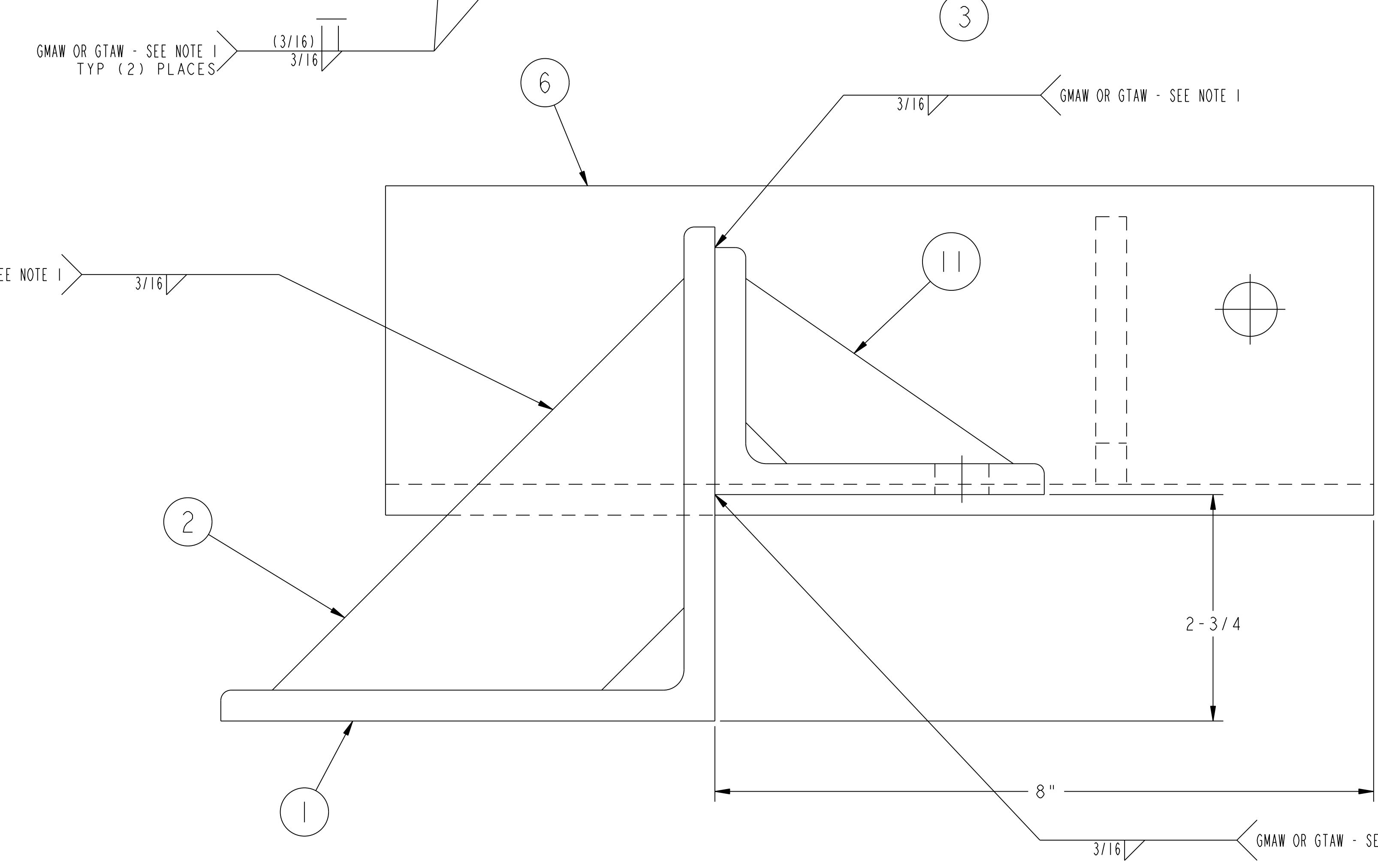
COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT STELLARATOR CORE TOOLING DESIGN AND FABRICATION FPA POSITIONER BRACKET WELDMENTS
DO NOT VERIFY INFORMATION BY SCALING DRAWING	TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX ±.000 .XXX ±.005 ANGULAR ±.0°-15°	DSN: L. MORRIS 4-18-08 CHK: T. BROWN 4-18-08 ENGR: T. BROWN 4-18-08 SUPV: J. SIEGEL 4-18-08
NEXT ASSEMBLY		DRAWING NO: SE186-335 SHEET 2 OF 6 REV 0.1

NCSX-SE186-335

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



REFERENCE ISOMETRIC
SCALE 0.500



REFERENCE NOTE: FOR DIMENSIONS NOT SHOWN
SEE SHEETS 1 AND 2

**RELEASED FOR
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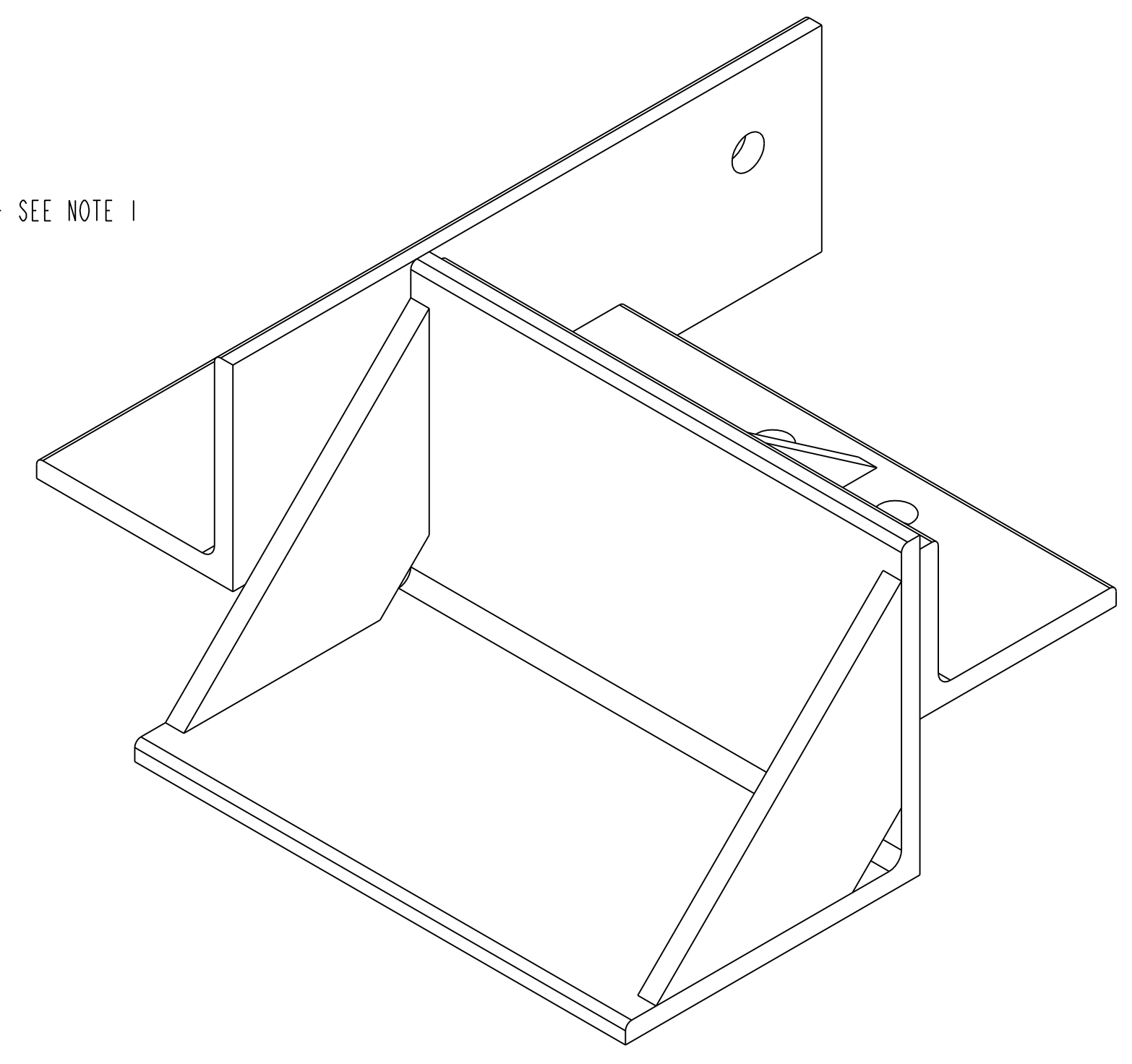
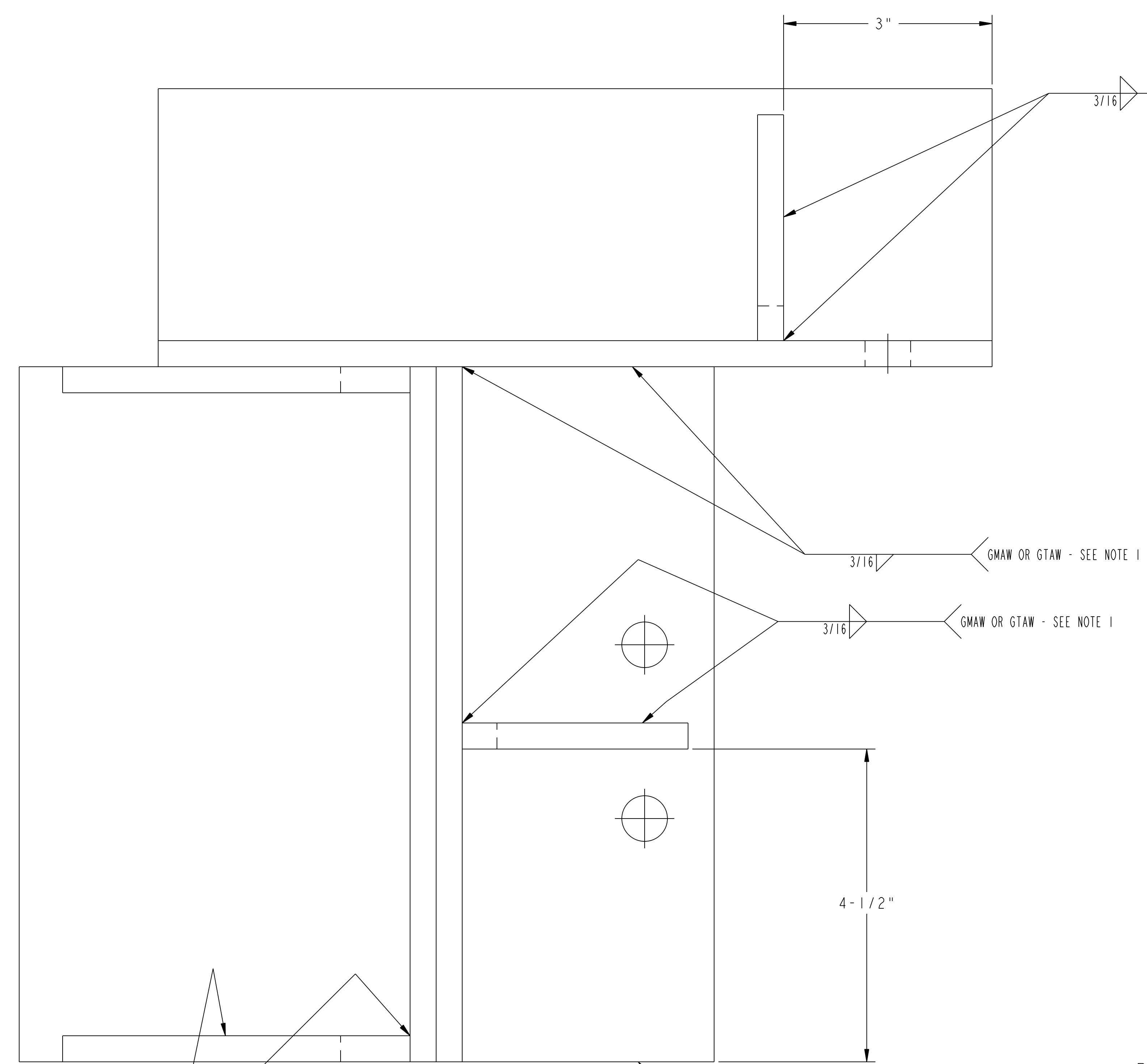
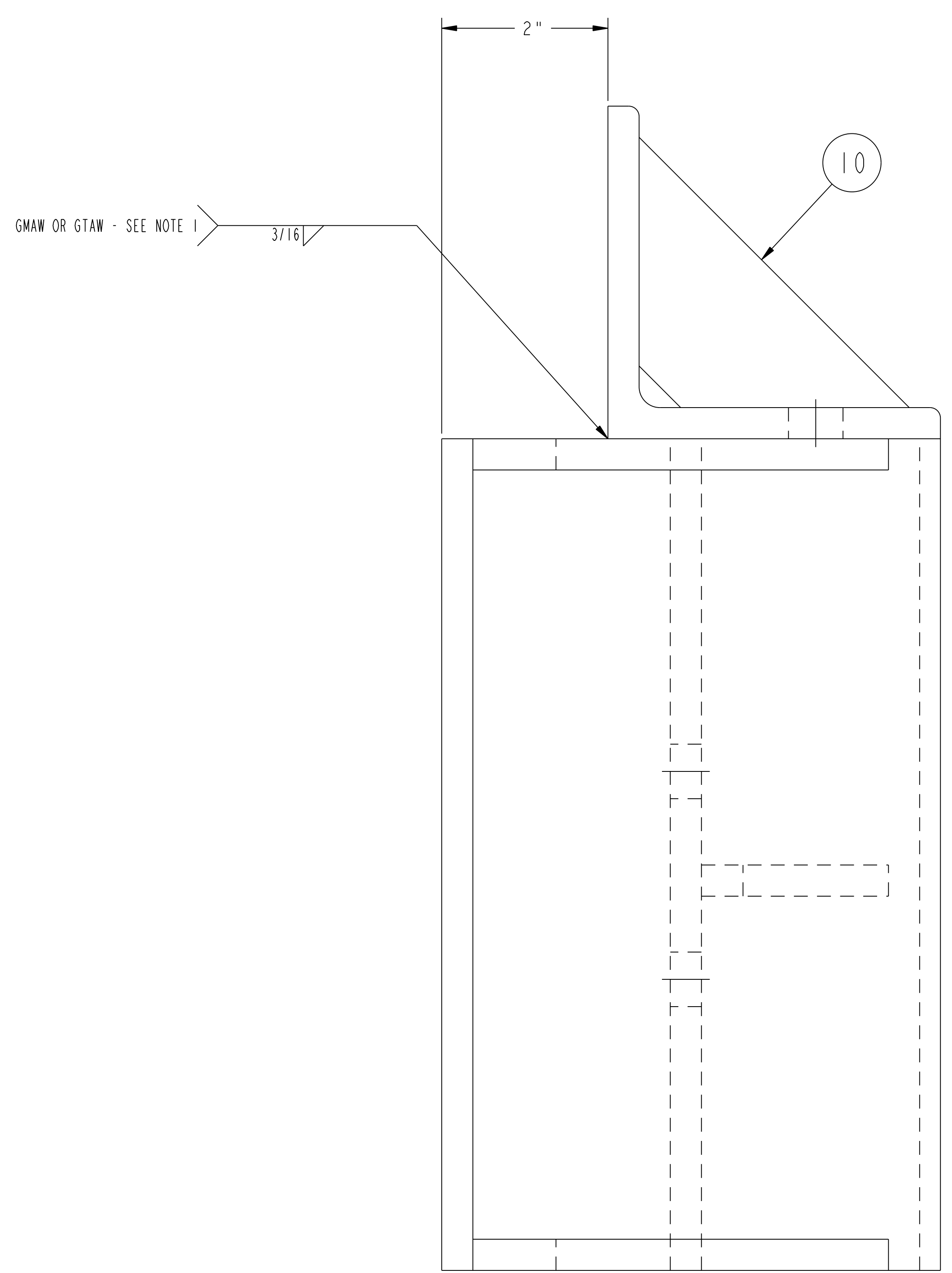
03 ASSEMBLY - POSITIONER BRACKET WELDMENT - TYPE "C"

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT	
	UNLESS OTHERWISE SPECIFIED	STELLARATOR CORE TOOLING DESIGN AND FABRICATION FPA POSITIONER BRACKET WELDMENTS	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	DSN: L. MORRIS	4-18-08
NEXT ASSEMBLY	TOLERANCES NON-CUMULATIVE	CHK: T. BROWN	4-18-08
	DECIMAL-INCH FRACTIONS	ENGR: T. BROWN	4-18-08
WEIGHT 31.2 lbs	MODEL NAME SE186-335-02	SUPV: J. SIEGEL	4-18-08
RELEASE LEVEL: Fabrication DWG VERSION NO: 0	WELDING ENGINEER	DRAWING NO: SE186-335	SHEET 3 OF 6 REV 0.1

NCSX-SE186-335

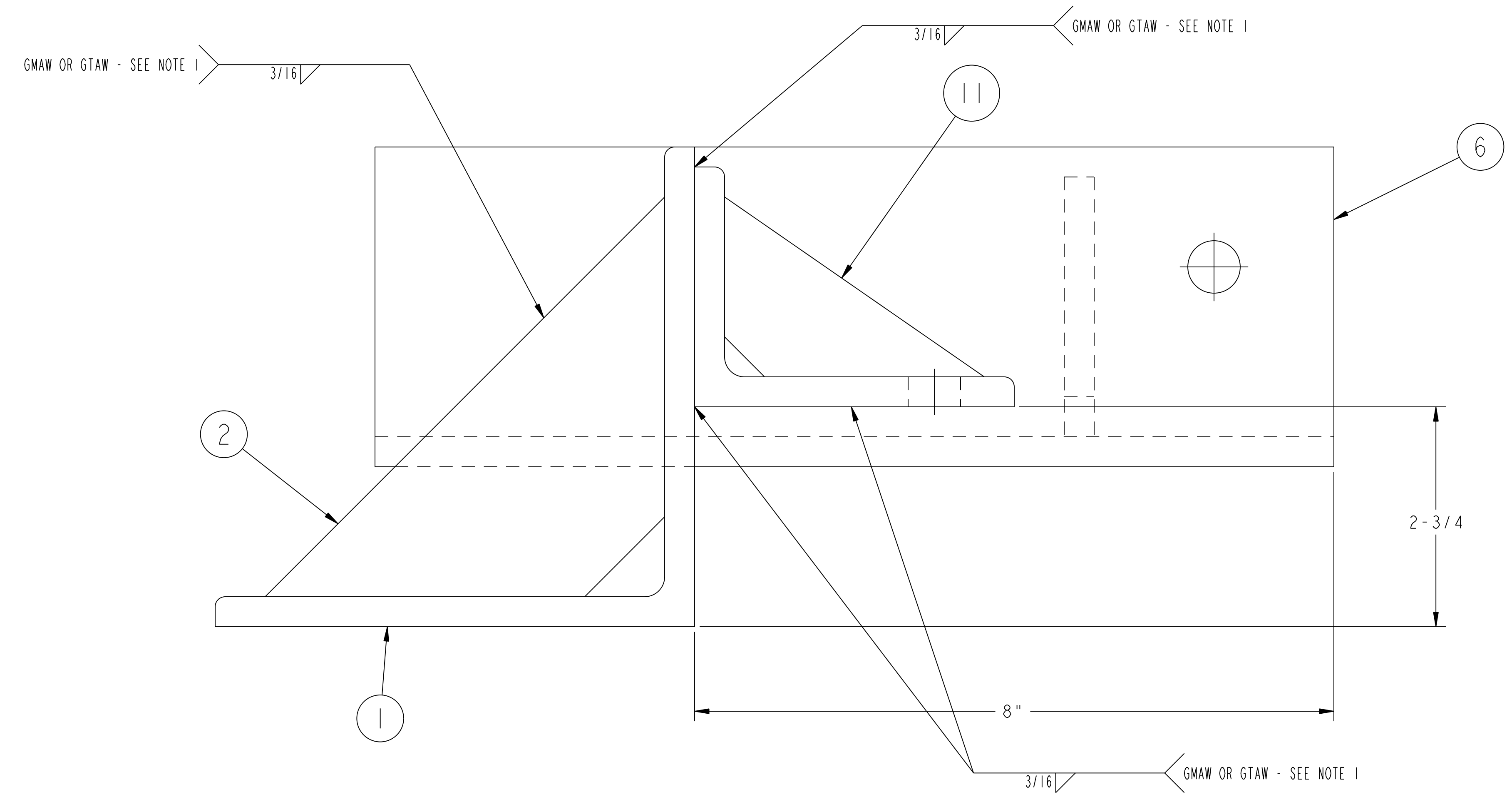
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



REFERENCE ISOMETRIC
SCALE 0.500

GMAW OR GTAW - SEE NOTE 1
TYP (2) PLACES

REFERENCE NOTE: FOR DIMENSIONS NOT SHOWN
SEE SHEETS 1 AND 3



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FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

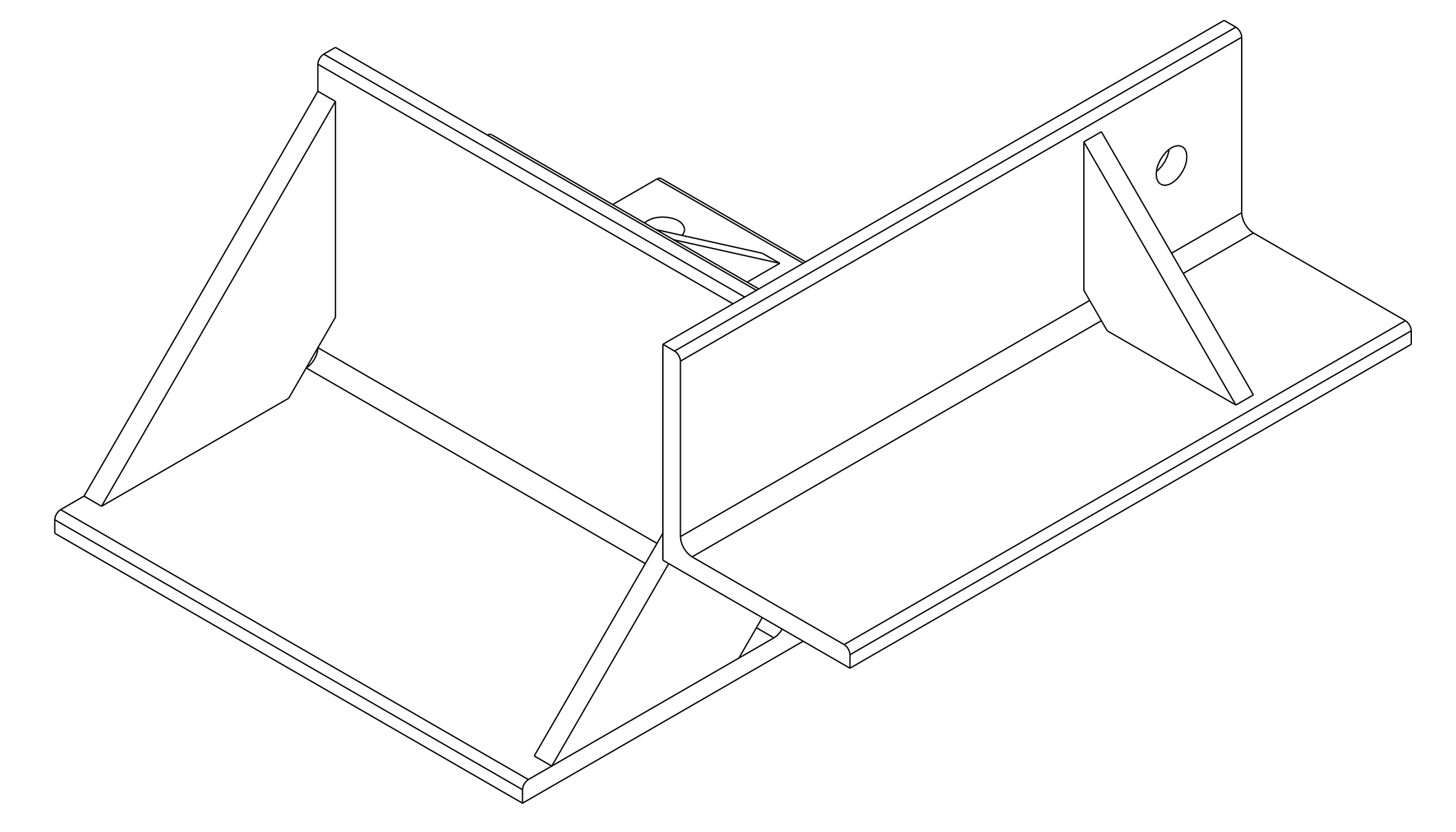
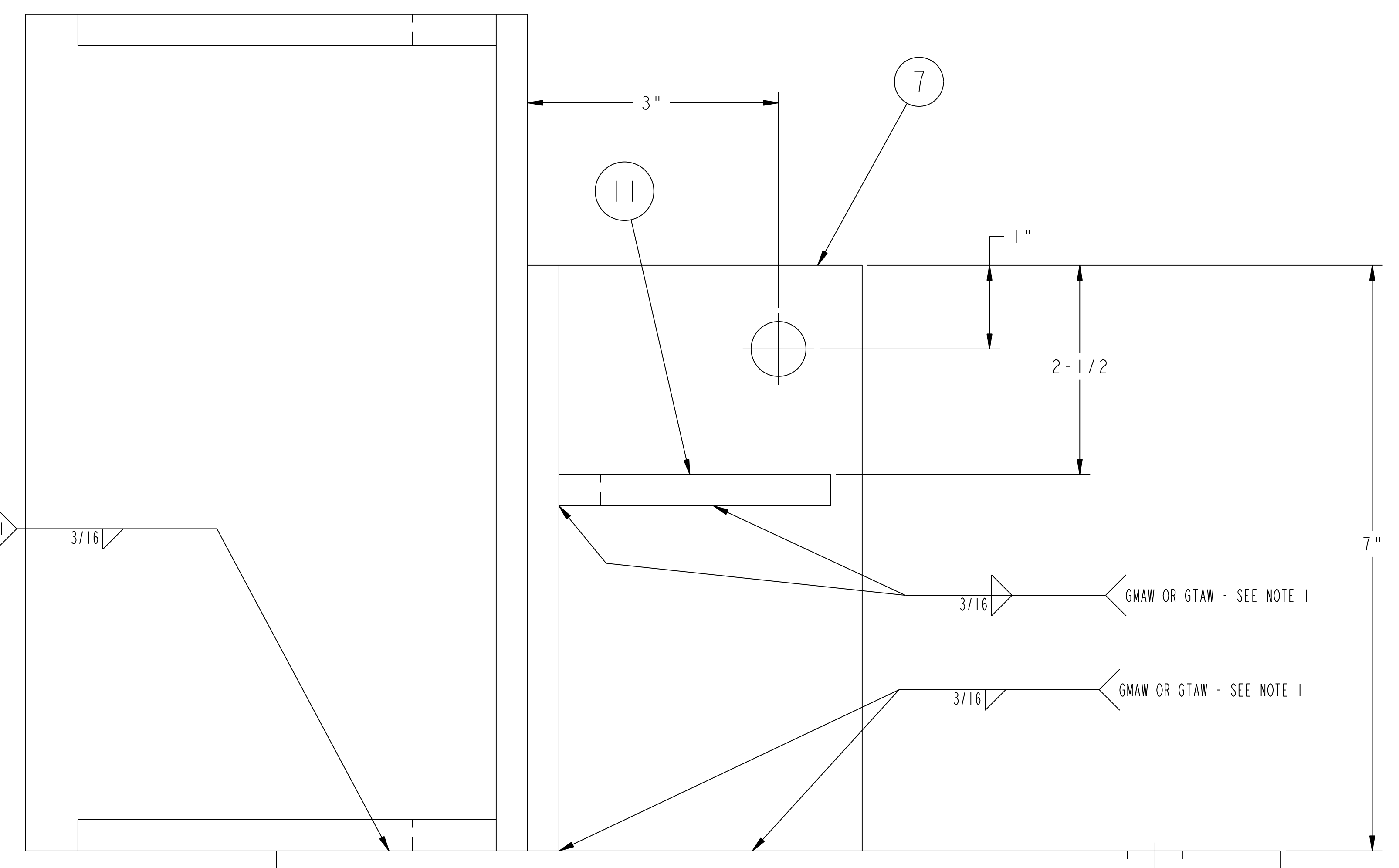
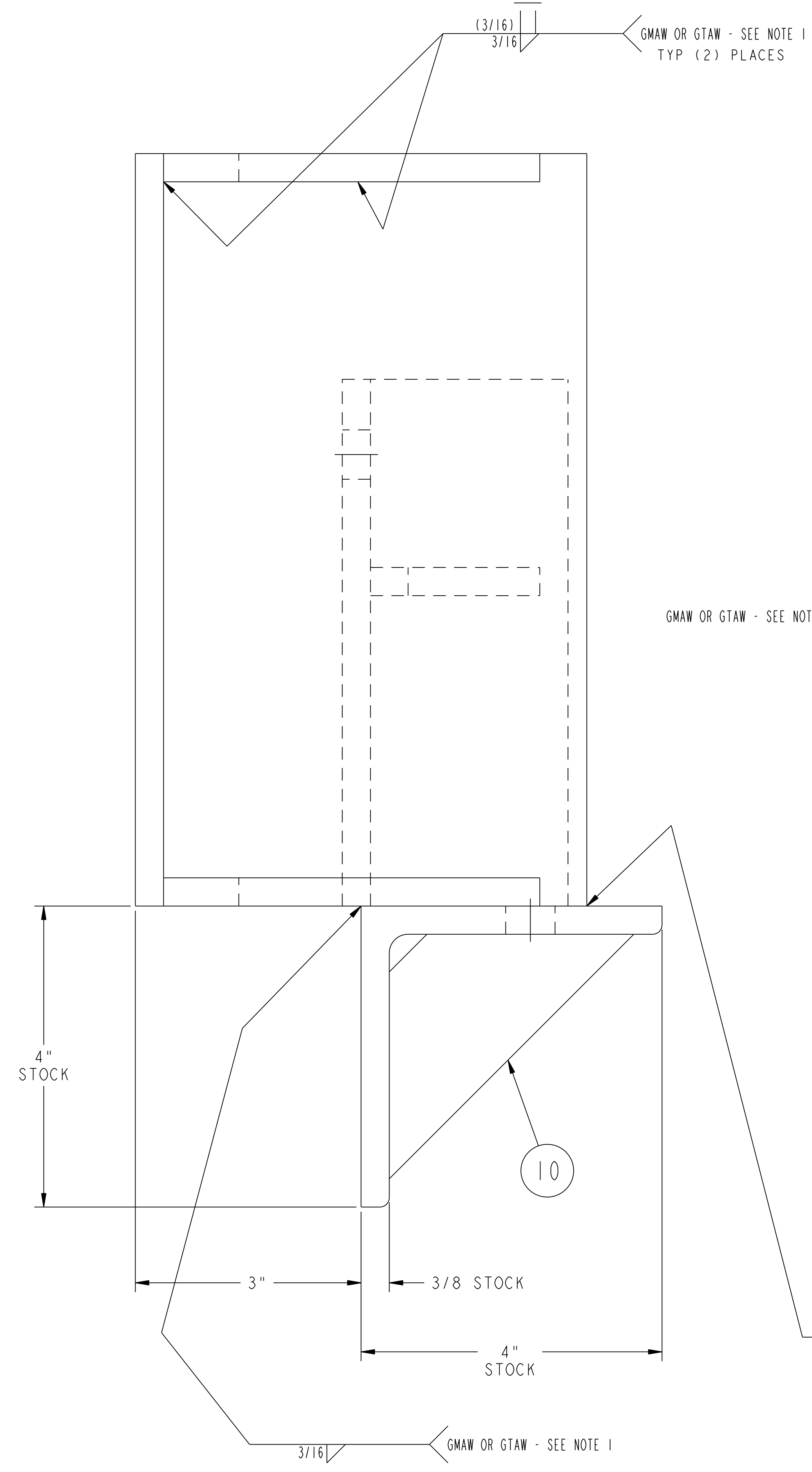
04 ASSEMBLY - POSITIONER BRACKET WELDMENT - TYPE "D"

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES:	PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT			
	UNLESS OTHERWISE SPECIFIED	STELLARATOR CORE TOOLING DESIGN AND FABRICATION FPA POSITIONER BRACKET WELDMENTS			
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES	BREAK SHARP EDGES .005/.020	DRAWING NO: SE186-335		
NEXT ASSEMBLY	TOLERANCES NON-CUMULATIVE	DSN: L. MORRIS	4-18-08	DRAWING NO: SE186-335	
	DECIMAL-INCH FRACTIONS	CHK: T. BROWN	4-18-08	ENGR: T. BROWN	
WELDING ENGINEER	.XX +/- .000 0°-12° +/- .010 .XX +/- .005 12°-120° +/- .010 ANGULAR +/- .0°-15° OVER 120° +/- .120	ENGR: T. BROWN	4-18-08	SHEET 4 OF 6	
		SUPV: J. SIEGEL	4-18-08	REV 0.1	

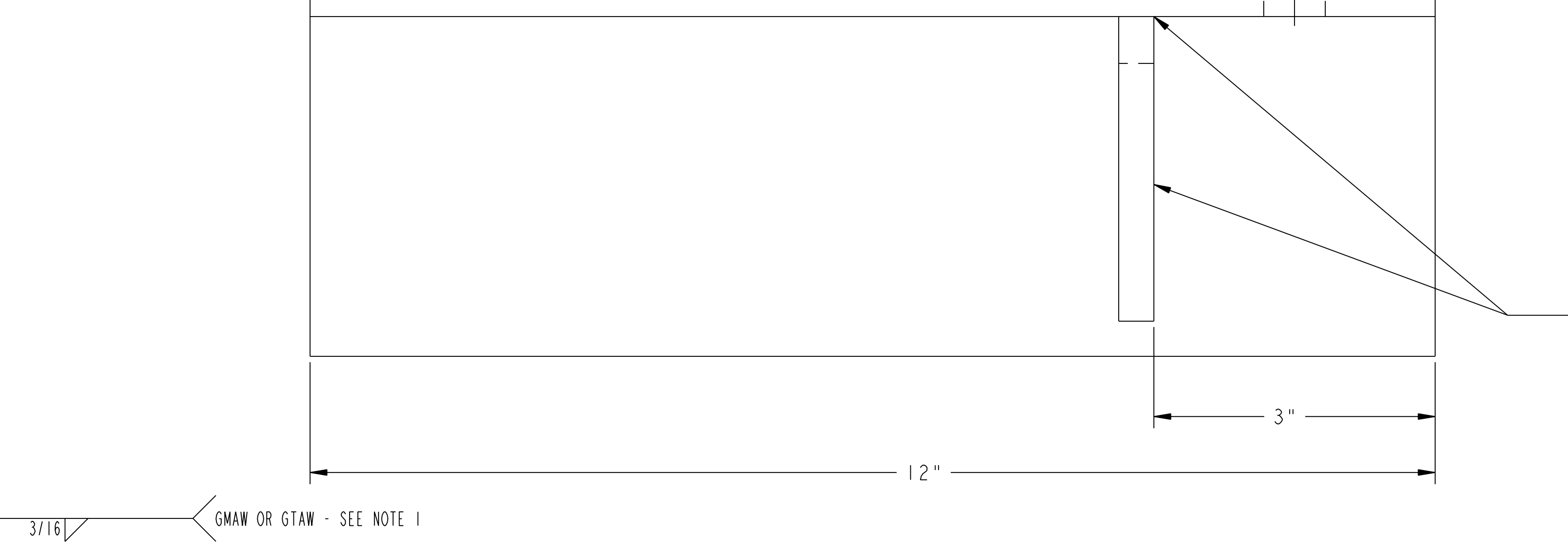
RELEASE LEVEL: Fabrication
DWG VERSION NO: 0

NCSX-SE186-335

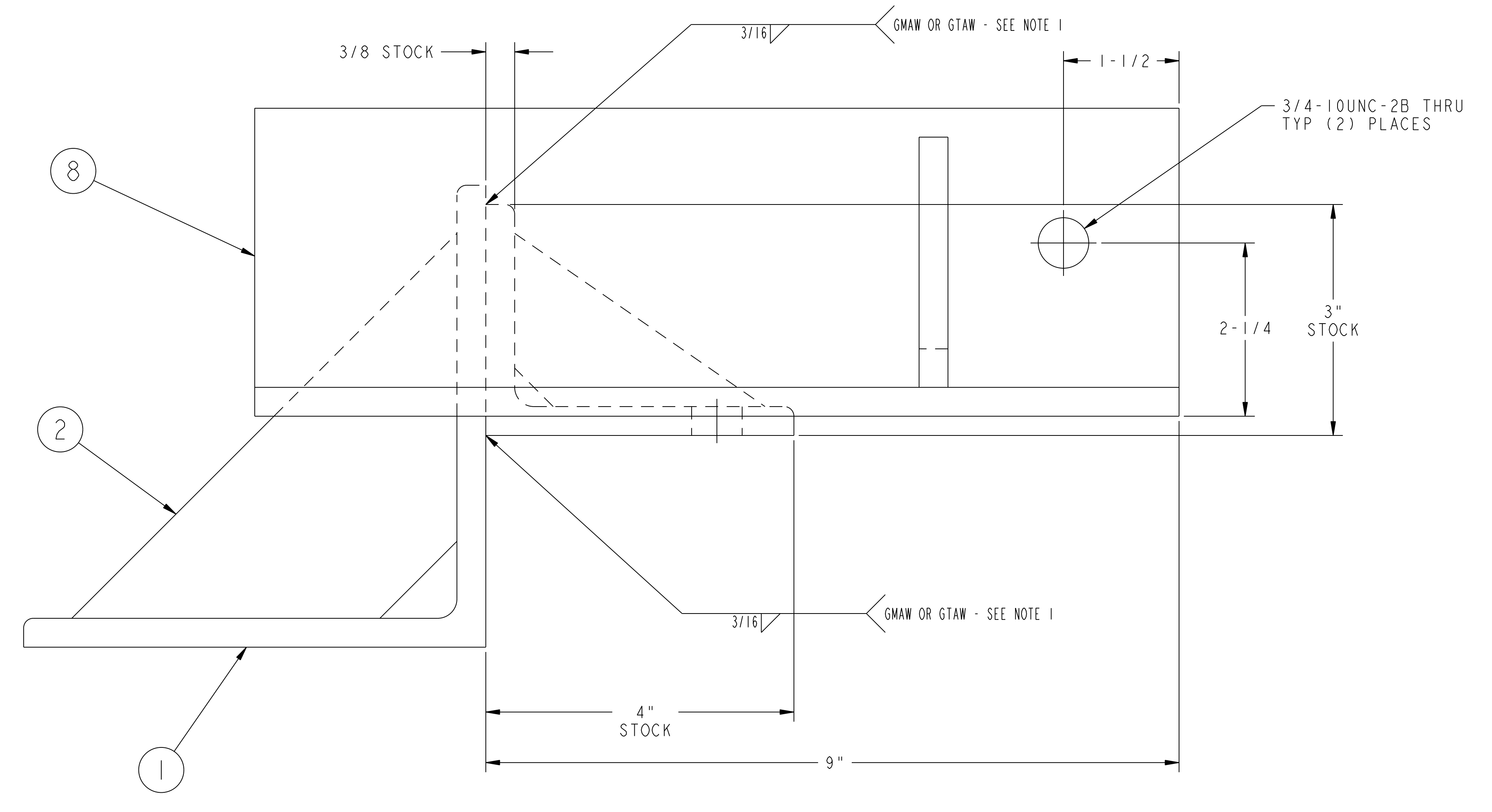
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



REFERENCE ISOMETRIC
SCALE 0.500



REFERENCE NOTE: FOR DIMENSIONS NOT SHOWN
SEE SHEET 1



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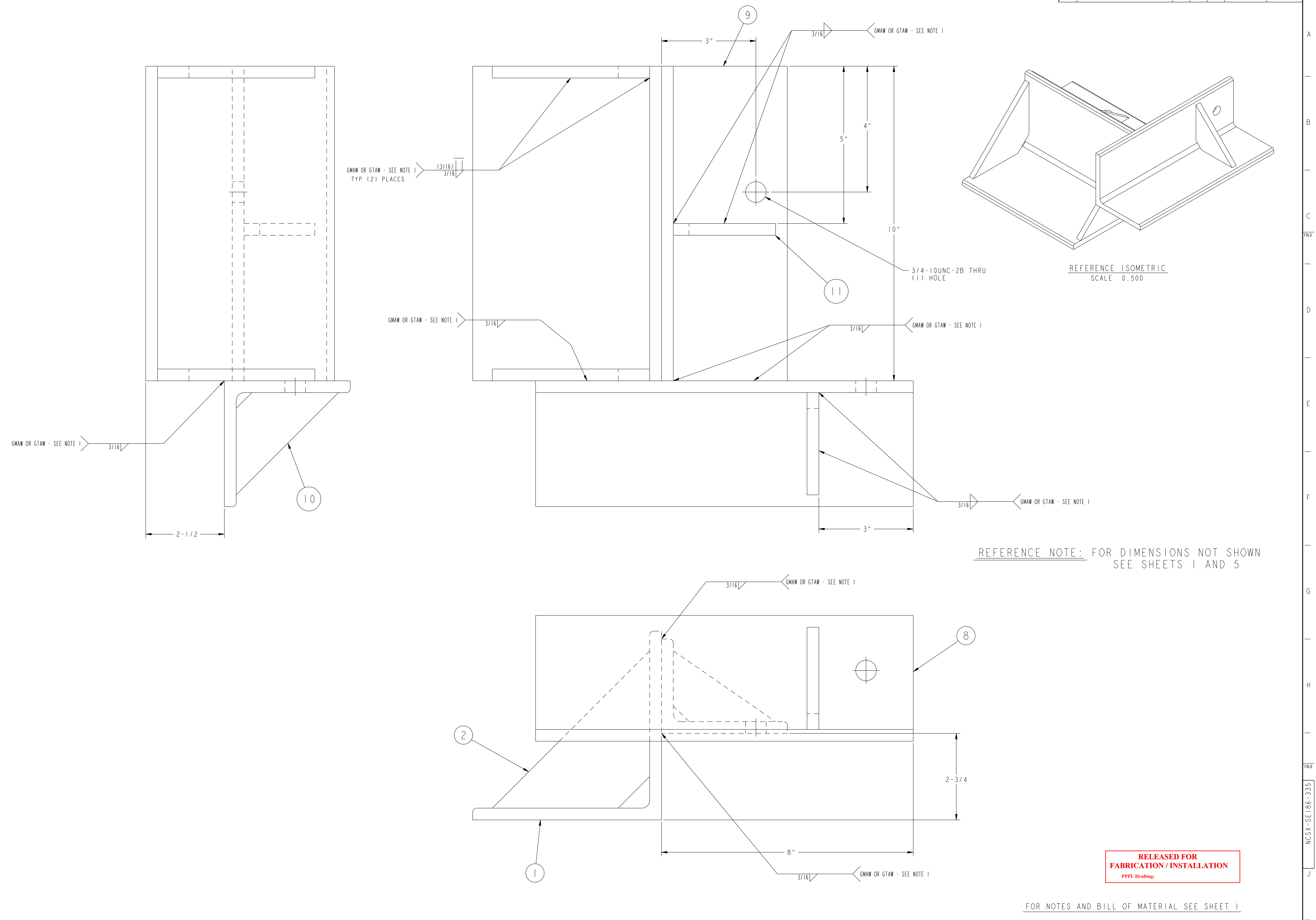
FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

05 ASSEMBLY - POSITIONER BRACKET WELDMENT - TYPE "E"

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	STELLARATOR CORE TOOLING DESIGN AND FABRICATION FPA POSITIONER BRACKET WELDMENTS	
NEXT ASSEMBLY	TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX ±.000 0°-120° ±.010 .XXX ±.005 72°-120° ±.010 ANGULAR ±.0°-15° OVER 120° ±.1°	DSN: L. MORRIS 4-18-08	DRAWING NO: 4-18-08
WEIGHT 31.2 lbs	MODEL NAME SE186-335-05	CHK: T. BROWN 4-18-08	ENGR: T. BROWN 4-18-08
WELDING ENGINEER	RELEASE LEVEL: Fabrication DWG VERSION NO: 0	SUPV: J. SIEGEL 4-18-08	SHEET 5 OF 6 REV 0.1

NCSX-SE186-335

NO.	REVISION	BY	CH	SUP	APPROVED	DATE



06 ASSEMBLY - POSITIONER BRACKET WELDMENT - TYPE "F"

RELEASE LEVEL: Fabrication
DWG VERSION NO: 0

WEIGHT	31.2 lbs
MODEL NAME	SE186-335-05
WELDING ENGINEER	

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED Pro E	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT	
DO NOT VERIFY INFORMATION BY SCALING DRAWING	DIMENSIONS ARE IN INCHES MACHINE SURFACES BREAK SHARP EDGES .005/.020	STELLARATOR CORE TOOLING DESIGN AND FABRICATION FPA POSITIONER BRACKET WELDMENTS	
NEXT ASSEMBLY	TOLERANCES NON-CUMULATIVE DECIMAL-INCH FRACTIONS .XX ±.000 0°-120° ±.125 .XXX ±.005 120°-120° ±.125 ANGULAR ±.0°-15° OVER 120° ±.125	DSN: L. MORRIS	4-18-08
		CHK: T. BROWN	4-18-08
		ENGR: T. BROWN	4-18-08
		SUPV: J. SIEGEL	4-18-08
		DRAWING NO:	SE186-335
		SHEET 6 OF 6	REV 0.1

FOR NOTES AND BILL OF MATERIAL SEE SHEET 1

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