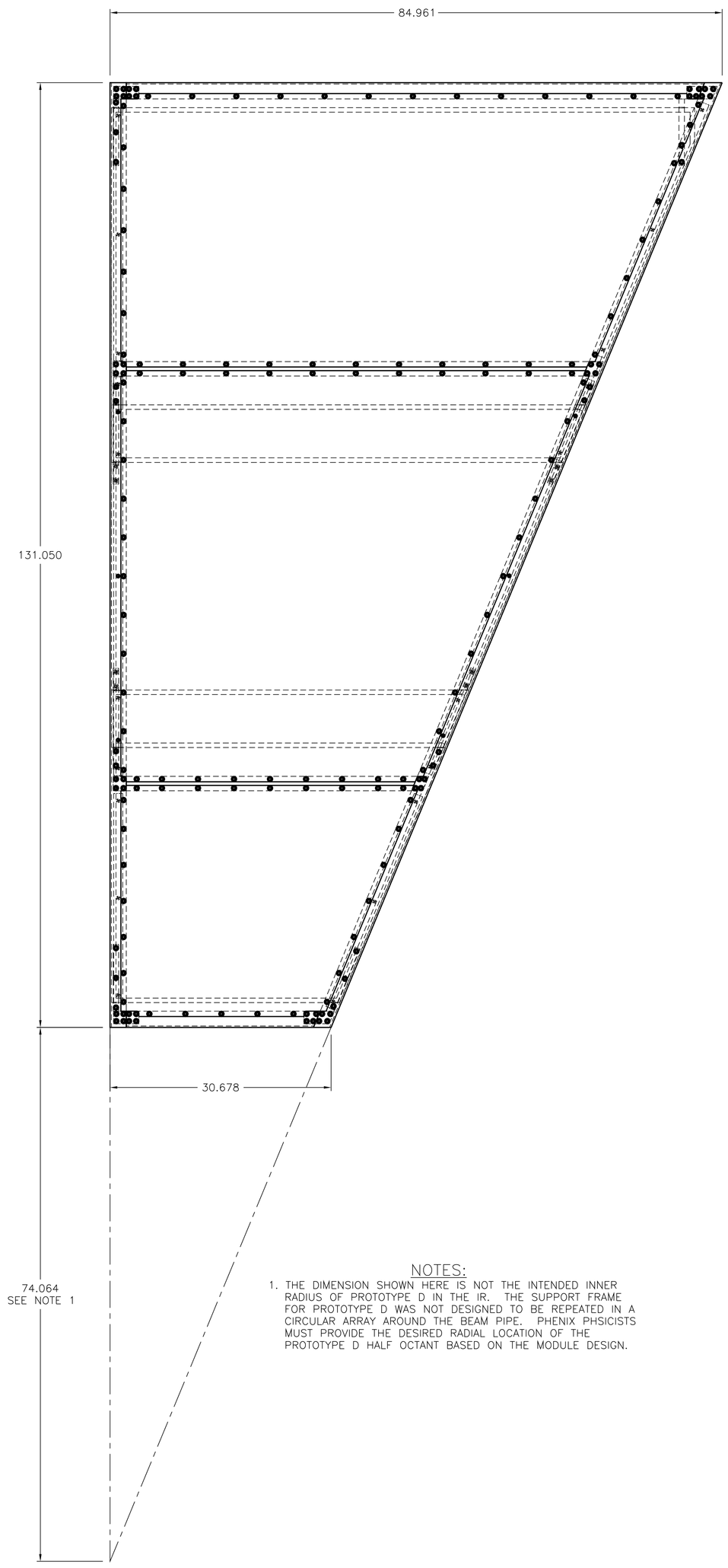
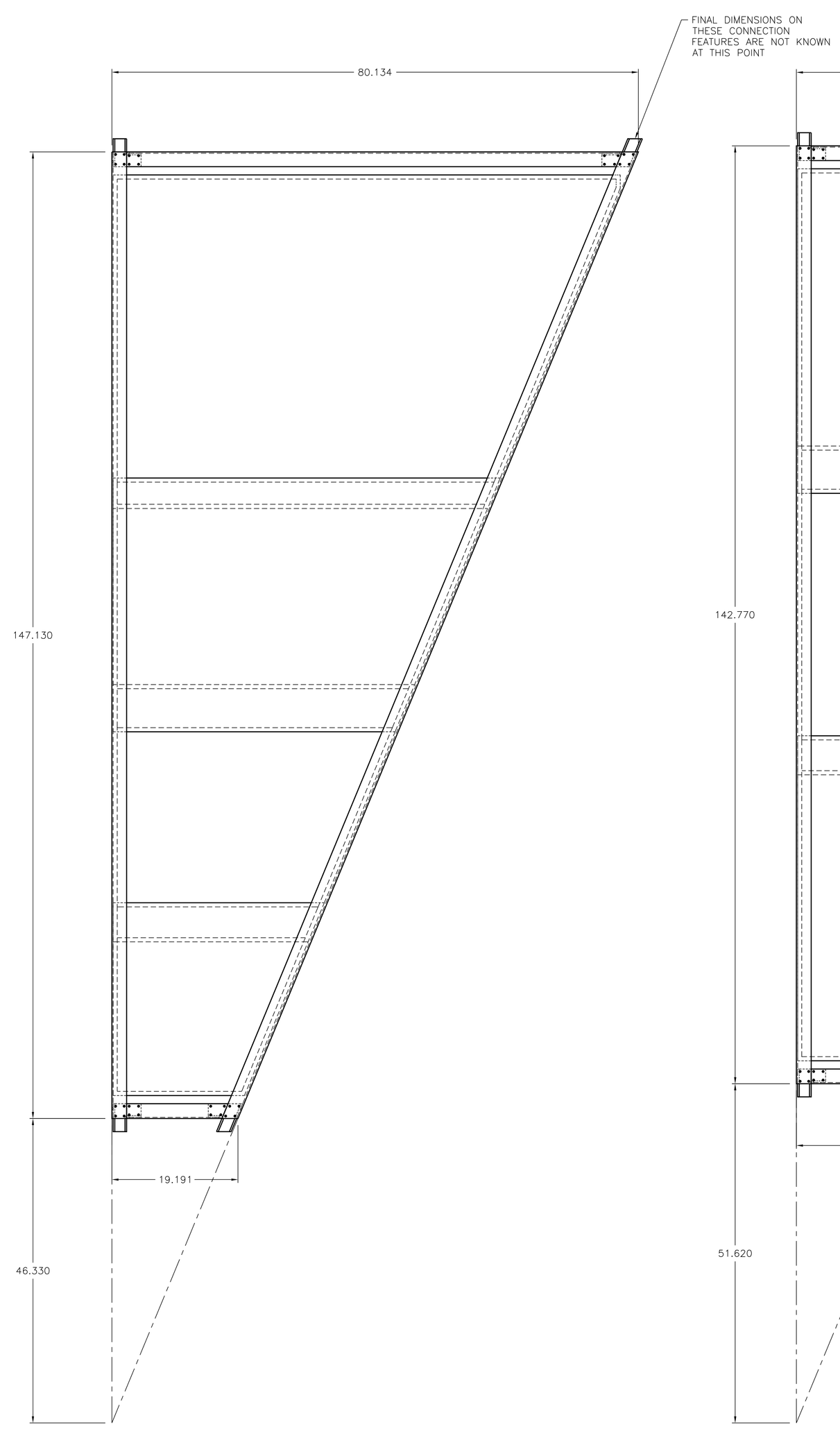
REV.	REVISION DESCRIPTION	DRAWN BY	DATE
		APPROVED	DATE



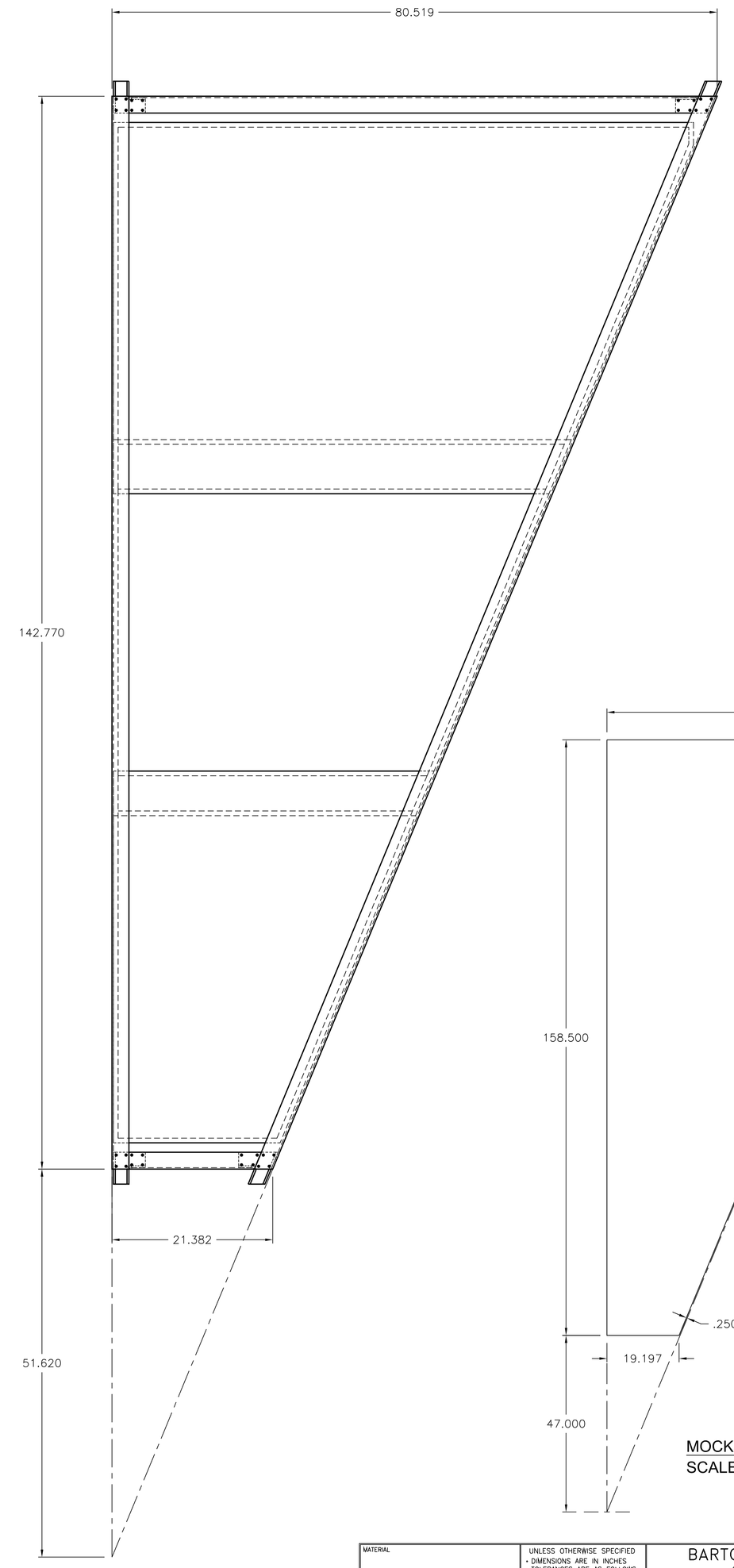
NOTES:

1. THE DIMENSION SHOWN HERE IS NOT THE INTENDED INNER RADIUS OF PROTOTYPE D IN THE IR. THE SUPPORT FRAME FOR PROTOTYPE D WAS NOT DESIGNED TO BE REPEATED IN A CIRCULAR ARRAY AROUND THE BEAM PIPE. PHENIX PHSICISTS MUST PROVIDE THE DESIRED RADIAL LOCATION OF THE PROTOTYPE D HALF OCTANT BASED ON THE MODULE DESIGN.

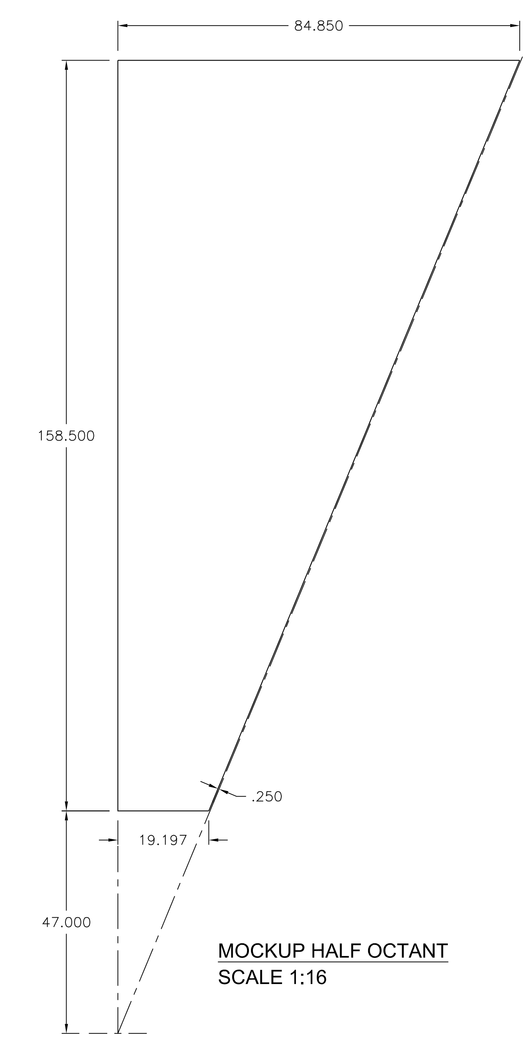
PROTOTYPE D HALF OCTANT



FINAL RPC2 HALF OCTANT



FINAL RPC3 HALF OCTANT



MOCKUP HALF OCTANT
SCALE 1:16

MATERIAL		
NEXT ASSEMBLY		
ORIGINATOR	L. BARTOSZEK	
DRAWN BY	L. BARTOSZEK	5/28/08
CHECKED		
APPROVED		

UNLESS OTHERWISE SPECIFIED
• DIMENSIONS ARE IN INCHES
• TOLERANCES ARE AS FOLLOWS:

FRACTIONS	±1/32
DECIMALS	.XX ±.02 .XXX ±.005
ANGLES	±0°30'
SURFACE FINISH	125√ MAX. ALL MACHINED SURFACES

• BREAK ALL SHARP EDGES.
• DO NOT SCALE DWG.
• DIMENSIONING IN ACCORD WITH ANSI Y14.5 STANDARDS.

BARTOSZEK ENGINEERING
818 WEST DOWNER PLACE
AURORA, IL 60506-4904

UIUC/PHENIX
RPC UPGRADE
COMPARISON OF HALF OCTANT DESIGNS

SCALE	PROJECT NO.	SIZE	DRAWING NO.	SHEET NO.	REV
1=8		E	PHENIX-E-0053	1 of 1	–