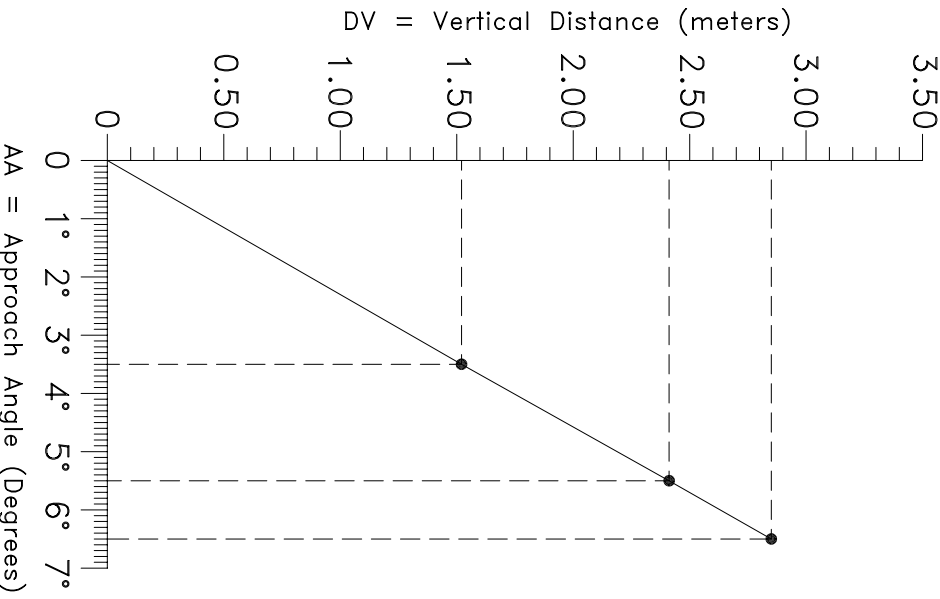
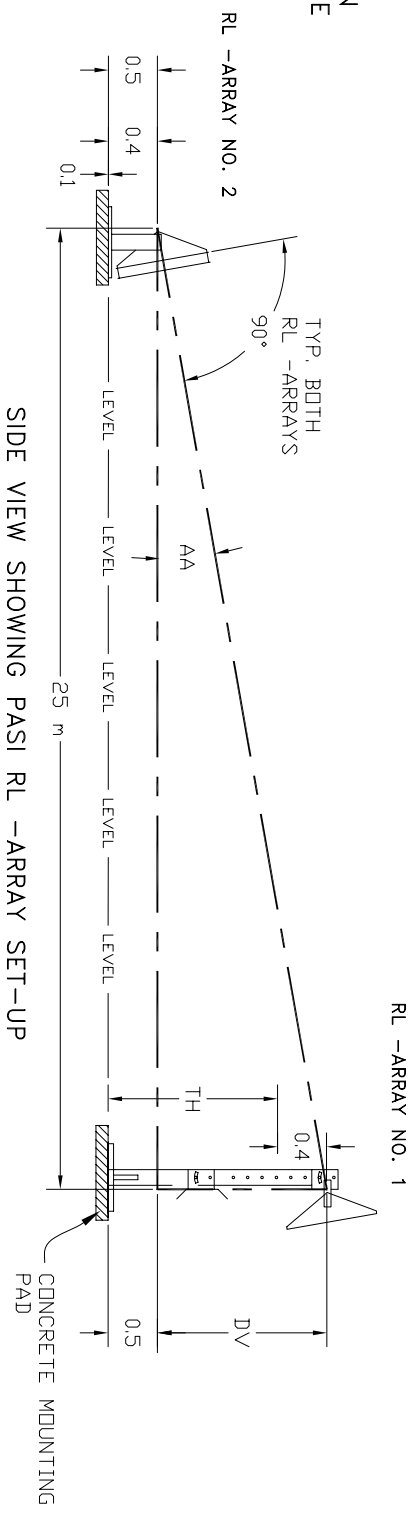
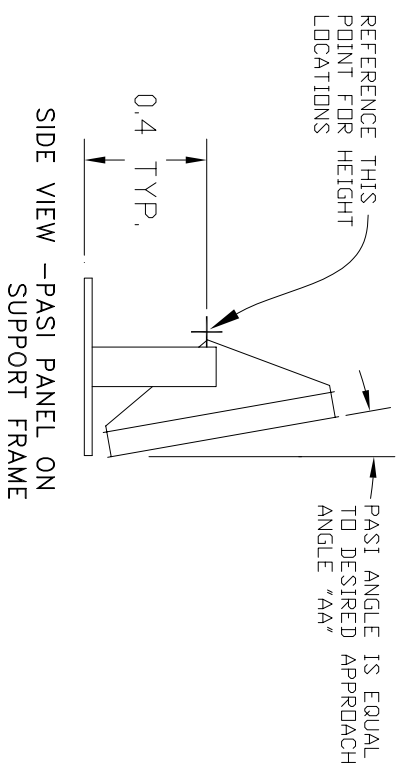


The body of this graph shows the value of VERTICAL DISTANCE (DV) for the degree of aircraft APPROACH ANGLE (AA). Where: value for HORIZONTAL DISTANCE (DH) is equal to 25 m (recommended).



AA°	TAN	DH(m)	DV(m)	TH(m)
3.0	0.0524	25	1.31	1.41
3.5	0.0612	25	1.53	1.63
4.0	0.0699	25	1.75	1.85
4.5	0.0787	25	1.98	2.08
5.0	0.0875	25	2.19	2.29
5.5	0.0963	25	2.41	2.51
6.0	0.1051	25	2.63	2.73
6.5	0.1139	25	2.85	2.95
7.0	0.1228	25	3.07	3.17



i.e. Vertical Distance for 6.5° APPROACH ANGLE (AA)  
 TAN "AA" X DH = DV  
 0.1139 X 25 = 2.85

i.e. Tower Height for 6.5° APPROACH ANGLE (AA)  
 DV + 0.1 = TH  
 2.85 + 0.1 = 2.95

"AA" = APPROACH ANGLE (of Aircraft)  
 "DH" = HORIZONTAL DISTANCE  
 (between reference points of RL -Array No. 1 & RL -Array No. 2)  
 "DV" = VERTICAL DISTANCE  
 (between reference points of RL -Array No. 1 & RL -Array No. 2)  
 "TH" = TOWER HEIGHT (for RL -Array No. 1)  
 (Measured from top surface of concrete mounting pad to top of tower frame)

\*\*NOTE: Concrete mounting pads for RL -Array No. 1 and RL -Array No.2 must be installed LEVEL and SQUARE to each other.

**NOTES:** -DISTANCE DEPICTED BETWEEN RL-ARRAY No.1 & No.2 IS NOT TO SCALE  
 -VALUES SHOWN IN GRAPH ARE FOR A "DH" -HORIZONTAL DISTANCE OF 25 m ONLY  
 -FOR OTHER "AA" -APPROACH ANGLES CONSULT THE PROPER SIN CHART  
 -CONSULT WITH THE AIRCRAFT MANUFACTURER AND FEDERAL REGULATIONS BEFORE SPECIFYING FOR USE ANY INFORMATION SHOWN ON THIS PAGE  
 -PASI SUPPORT FRAME IS MADE TO MAINTAIN PASI ANGLE EQUAL TO THE SPECIFIED APPROACH ANGLE  
 -ALSO SEE DWG# RB002-3-HL FOR AERIAL LAYOUT VIEW OF PASI LOCATIONS AND CONCRETE MOUNTING PAD SPECS  
 -SEE DWG#VS-RL2A, VT-RL1-V1A AND VT-RL1-... FOR ASSEMBLY INSTRUCTIONS

**REVISIONS:** 01/05/96 - /SM: APPROVED BY:GH-01/04/97 -FAX  
 -MOUNTING BASE FOR RL-1 AND RL-2; REMOVE END HOLES IN PASI REFLECTOR; DWG NAME; FILE NAME

<b>REGINALD BENNETT INTERNATIONAL Inc. RBI</b>		<b>"OUR PRODUCTS SAVE LIVES"</b>	
DWG NAME:	PASI - Approach Angle Chart	VIEW:	Side/Pictorial
DATE: (MM/DD/YY)	02/12/95	DRAWN BY:	Steve McCarley
SCALE:	NONE	UNITS: (K/D) BY:	
FILE NAME:	PASI APPROACH	DWG No.:	RB002-2-AA
JOB No.:	RB103		