

N 403,130.3038  
E 1,905,203.3239

End Station  
BSC chamber center

1. ICD INFORMATION: This drawing contains interface information. | GS.
2. Dimensions on NW ARM are identical to dimensions shown on SW ARM-2 GS.
3. All tolerance callouts are for the X & Y direction on both arms.

BT/VE 4

BT/VE 3

WA ARM1

4000000±5mm

BT/VE 2

3988500±5mm

11500±2mm

2007500±5mm

19500±2mm

46000±2mm

BT/VE 1

90°

Wa. State Plane Coordinate  
N 421,499.4164  
E 1,907,852.7168

Vertex  
(0,0,0) ±5mm  
N 410,990.1636  
E 1,915,712.5766

WA ARM2

End Station  
BSC chamber center

**LEGEND**

 Beam Tube Vacuum equipment interface point

 Gate valve

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN mm (IN.)

CURRENT REVISION APPROVAL

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DRAWN	GROUP	SIGNATURE	DATE
		C. CONLEY	8-19-96

CHECKED	DATE
<i>[Signature]</i>	8-26-96

ISSUED	DATE
<i>[Signature]</i>	8/26/96

ISSUED	DATE
<i>[Signature]</i>	8/16/96

WA LIGO ARM  
SURVEY LAYOUT

DO NOT SCALE THIS DRAWING

REV	DESCRIPTION	SHEETS EFFECTED	DATE
A	INITIAL RELEASE		

DATE	DESCRIPTION	DATE	DESCRIPTION

REFERENCE DRAWINGS

USED ON:  
NEXT ASS'Y:

ISSUE DESCRIPTION

SCALE	SIZE	DWG. NO.	REV.
NTS	B	D961249-00-E	A

CAD FILE: /Users/robertj/200210-00-0.dwg  
SHEET: 1 OF 1  
VER: 01

6 | 5 | 4 | 3 | 2 | 1