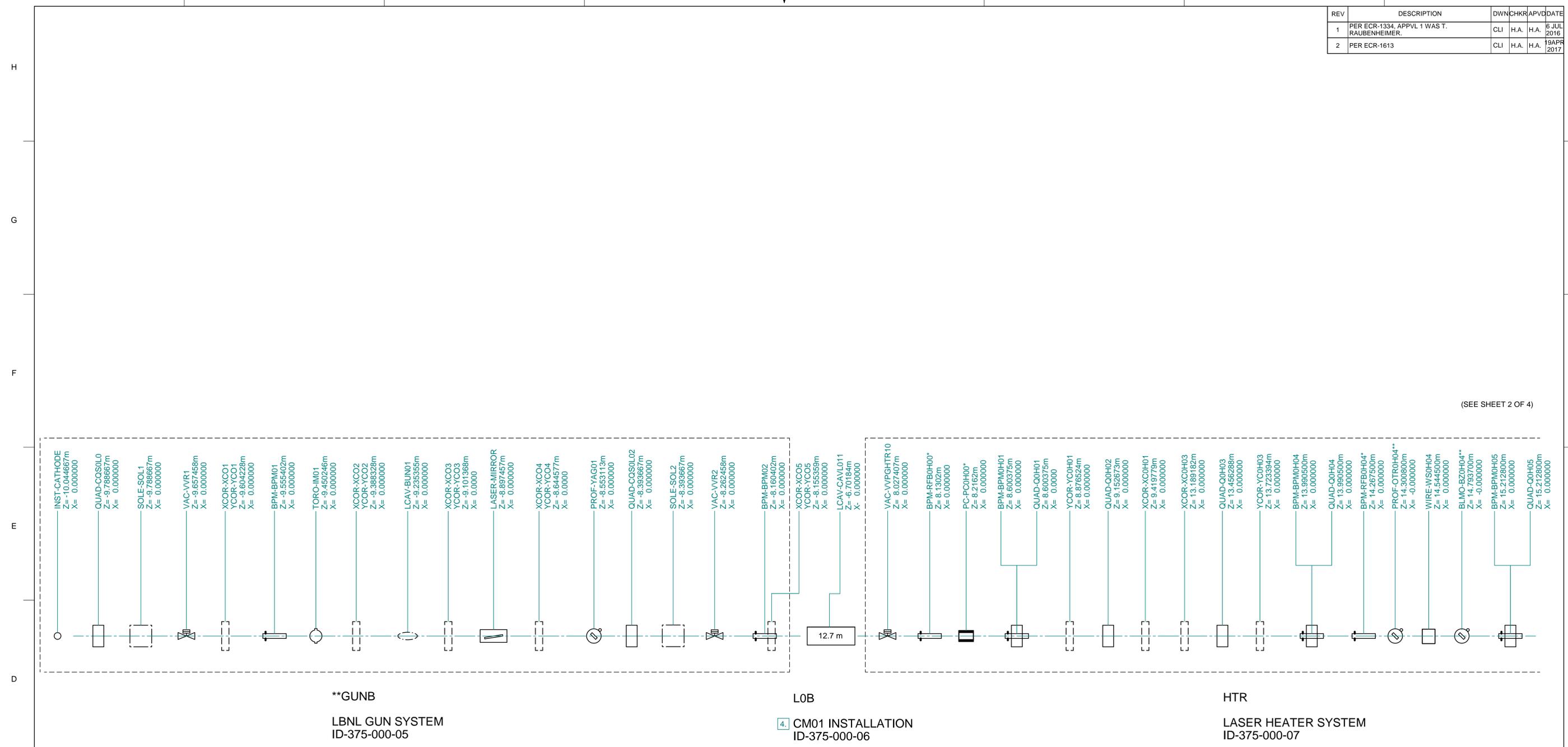
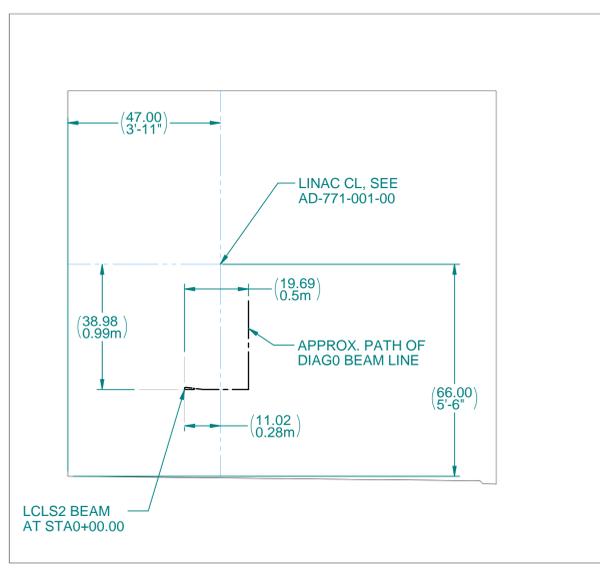


REV	DESCRIPTION	DWN	CHKR	APV	DATE
1	PER ECR-1334; APPVL 1 WAS T. RAUBENHEIMER.	CLI	H.A.	H.A.	6 JUL 2016
2	PER ECR-1613	CLI	H.A.	H.A.	13 APR 2017



- NOTES: UNLESS OTHERWISE SPECIFIED
- SCHEMATIC IS NOT DRAWN TO SCALE.
 - ONLY AREA DEFINING VACUUM VALVES SHOWN. FOR VACUUM SCHEMATIC SEE DRAWING SD-375-000-03.
 - SCHEMATIC REFLECTS JUNE 29, 2016 MAD DECK RELEASE.
 - FOR DEVICES INSTALLED BETWEEN LINAC Z OF -7 METERS TO 7 METERS SEE CM01 INSTALLATION DRAWING.
 - ITEMS WITH A SINGLE ASTERISK "*" INDICATE THAT THEY HAVE BEEN DEFERRED.
 - ITEMS WITH A DOUBLE ASTERISK "**" INDICATE THAT THE DEVICE POSITIONS HAVE EVOLVED BEYOND THE DATE OF WHEN THE CURRENT MAD DECK WAS RELEASED.

TUNNEL CROSS SECTION DIAGRAM
DOWNSTREAM VIEW
SCALE 1:20



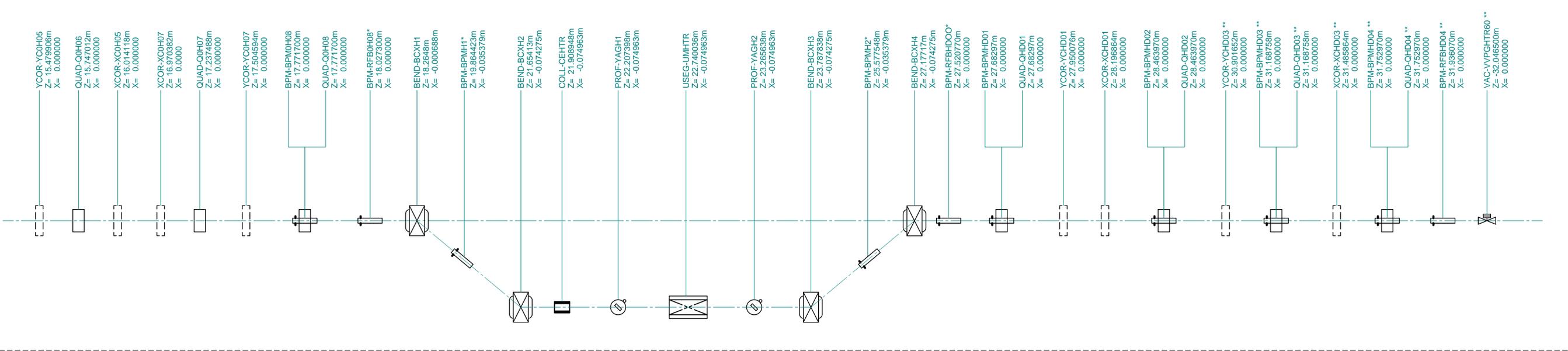
LEGEND			

DIMENSIONING AND TOLERANCING IS UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES: BREAK EDGES 0.009-0.015 INTERNAL CORNERS R.015 MAX FRACTIONS: DEC: .XXX --- .XXXX --- .XXXXX --- ANGLE: * --- ALL SURF.	SCALE: 1:20 DO NOT SCALE DRAWING	CAD FILE NAME: sd3750001-2.dft
U.S. DEPARTMENT OF ENERGY SLAC NATIONAL ACCELERATOR LABORATORY	LCLS 2 INJECTOR SYSTEM INTEGRATION MECHANICAL SCHEMATIC	
GP-375-000-04 NEXT ASSEMBLIES:	DRAWING NUMBER: SD-375-000-01 REVISION NUMBER: 2	DATE: 07-29-17 DRAWN BY: H. A. AREZ CHECKED BY: H. A. AREZ

REV	DESCRIPTION	DWN	CHKR	APV	DATE
1	SEE SHEET 1 OF 4	---	---	---	---

(CONT FROM SHEET 1 OF 4)

(SEE SHEET 3 OF 4)



HTR (CONT)
LASER HEATER SYSTEM
ID-375-000-07

---	DIMENSIONING AND TOLERANCING IS MM ASME Y14.5M-1994 AND Y14.41-2003	SCALE: NONE DO NOT SCALE DRAWING	CAD FILE NAME: sd3750001-2.dft
---	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.		LCLS 2 INJECTOR SYSTEM INJECTOR SYS INTEGRATION MECHANICAL SCHEMATIC
---	BREAK EDGES 009-015 INTERNAL CORNERS R.015 MAX FRACTIONS 1/16		
---	DEC .xxx .xxxx .xxxxx	 	DRAWING NUMBER SD-375-000-01
---	ANGLE * * * ALL SURF	07-29-12 H. ALVAREZ L. MALONE H. ALVAREZ	REVISION NUMBER 2
GP-375-000-04			LCLS2 INJECTOR SYS MECH SCHEM

SD-375-000-01

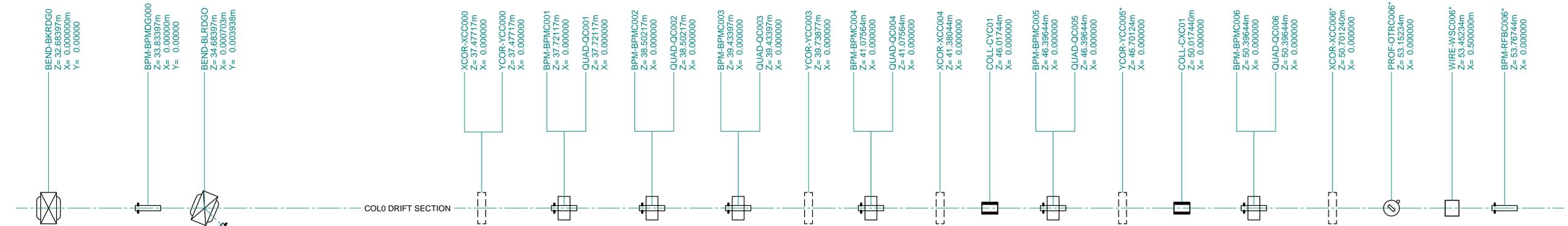
OF 4

E

REV	DESCRIPTION	DWN	CHKR	APV	DATE
1	SEE SHEET 1 OF 4	---	---	---	---

(CONT FROM SHEET 2 OF 4)

(SEE SHEET 4 OF 4)



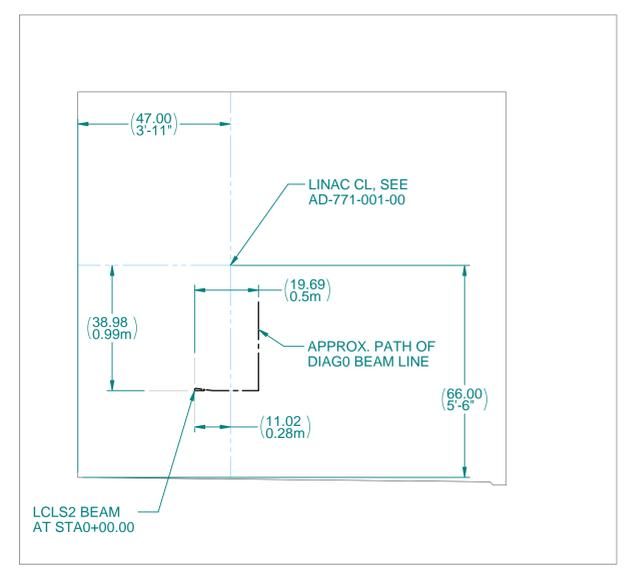
COL0 (CONT)
POST LH DIAGNOSTICS
ID-375-000-08



(SEE SHEET 4 OF 4)

DIAG0

**TUNNEL CROSS SECTION DIAGRAM
DOWNSTREAM VIEW
SCALE 1:20**



DIAG0 (CONT)
POST LH DIAGNOSTICS
ID-375-000-08

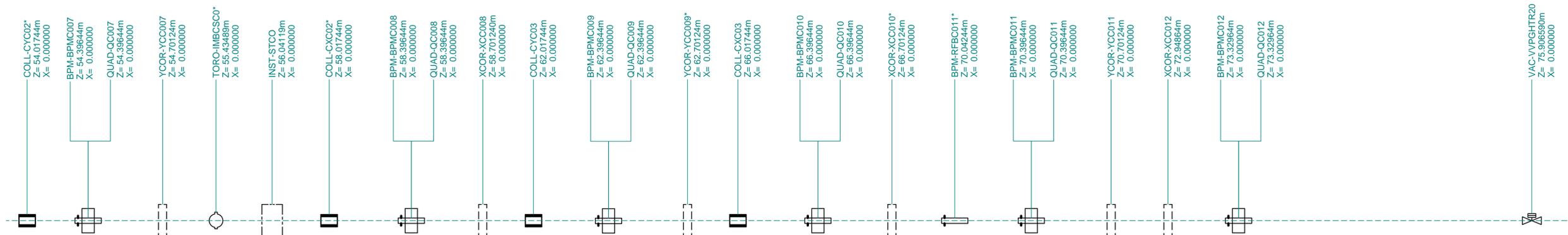


DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994 AND Y14.41-2003 UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: BREAK EDGES 0.009-0.015 INTERNAL CORNERS R.015 MAX FRACTIONS 1/16 DEC .XXX .XXXX .XXXXX ANGLE 1/2 ALL SURF.	SCALE: 1:20 DIMETRIC SCALE DRAWING	CAD FILE NAME: sd37500001-2.dft
	SLAC ENERGY NATIONAL ACCELERATOR LABORATORY U.S. DEPARTMENT OF ENERGY	
DRAWING NUMBER SD-375-000-01	REVISION NUMBER 2	PROJECT NUMBER GP-375-000-04

LCL2 INJECTOR SYS MECH SCHEM
 LCL2 INJECTOR SYSTEM INTEGRATION MECHANICAL SCHEMATIC
 07-29-21
 H. M. VALEZ

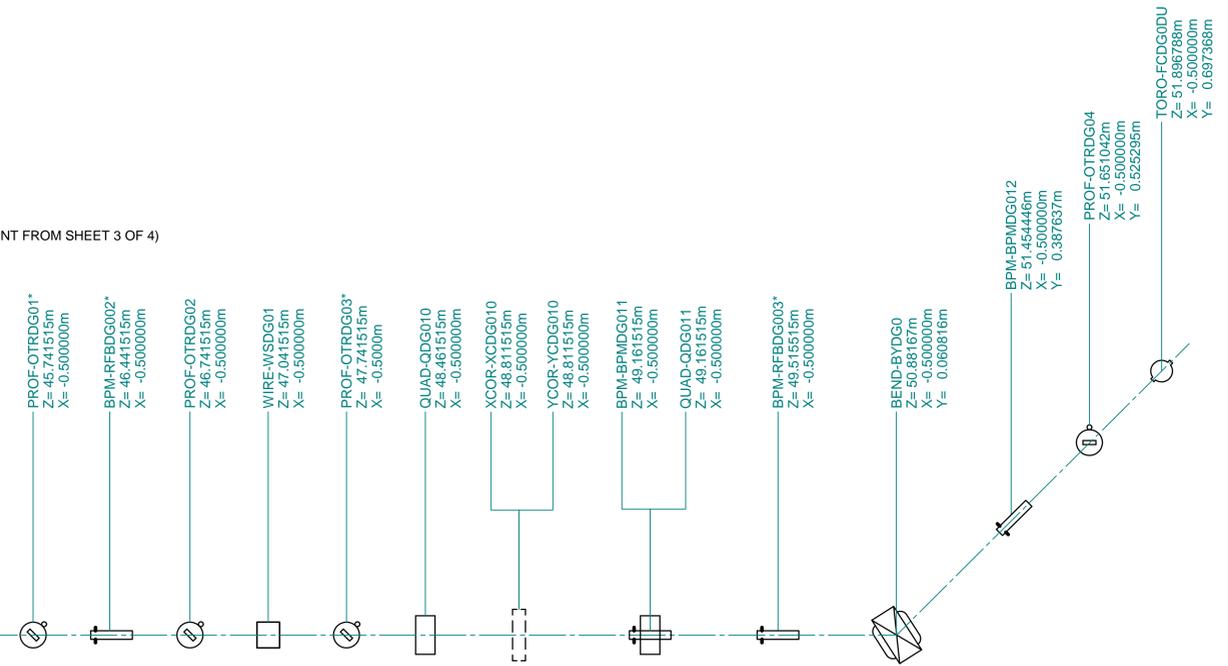
REV	DESCRIPTION	DWN	CHKR	APV	DATE
1	SEE SHEET 1 OF 4	---	---	---	---

(CONT FROM SHEET 3 OF 4)



COL0 (CONT)
POST LH DIAGNOSTICS
ID-375-000-08

(CONT FROM SHEET 3 OF 4)



DIAG0 (CONT)
POST LH DIAGNOSTICS
ID-375-000-08

DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5M-1994 AND Y14.41-2003 UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES: BREAK EDGES 009-015 INTERNAL CORNERS R.015 MAX FRACTIONS 1/16 DEC .XXX .XXXX ANGLE ° --- ALL SURF ✓	SCALE: NONE DO NOT SCALE DRAWING	CAD FILE NAME: sd3750001-2.dft
GP-375-000-04 NEXT ASSEMBLIES:	LCLS 2 INJECTOR SYSTEM INTEGRATION MECHANICAL SCHEMATIC DRAWING NUMBER: SD-375-000-01 REVISION NUMBER: 2	

SD-375-000-01 2 E