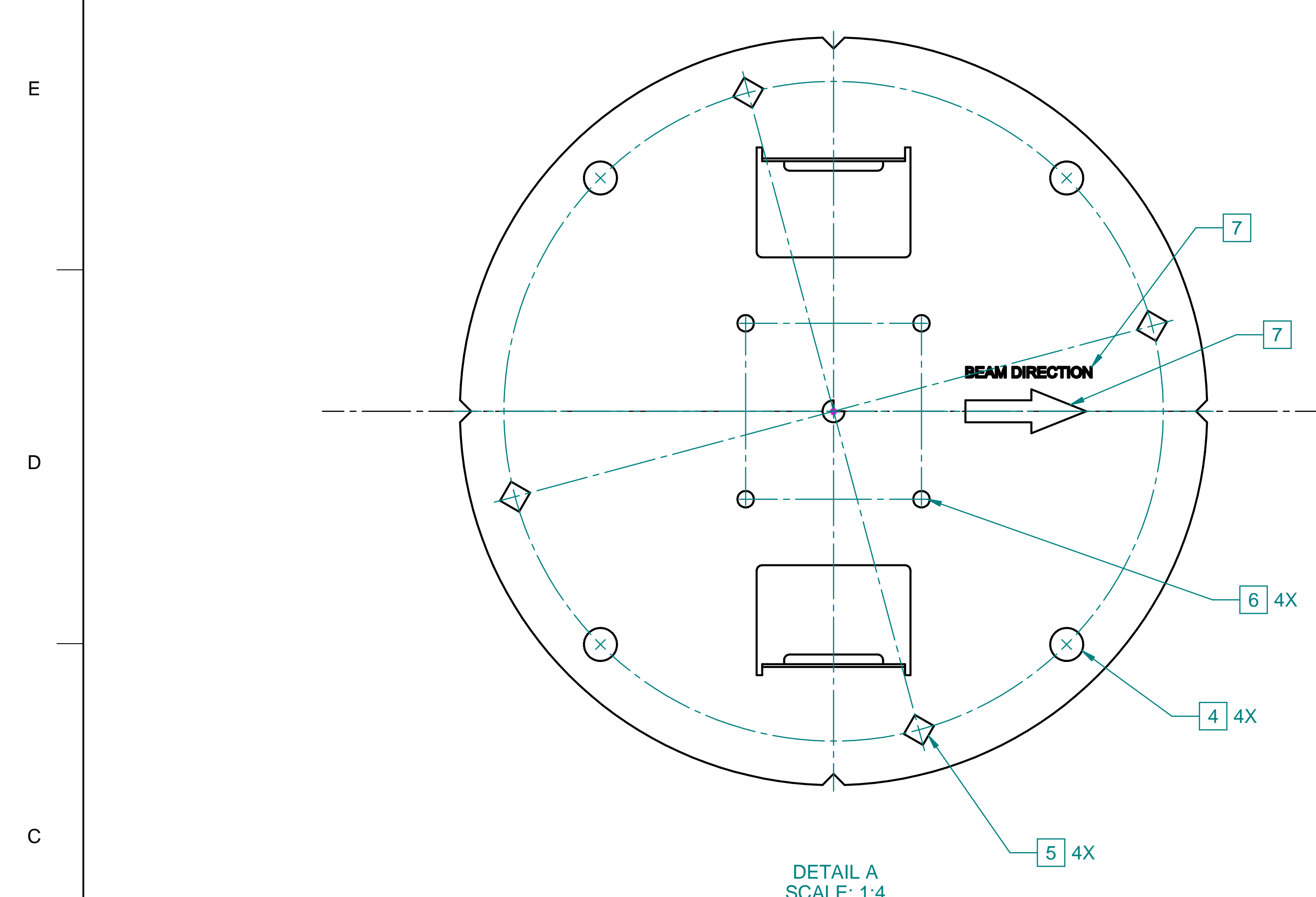


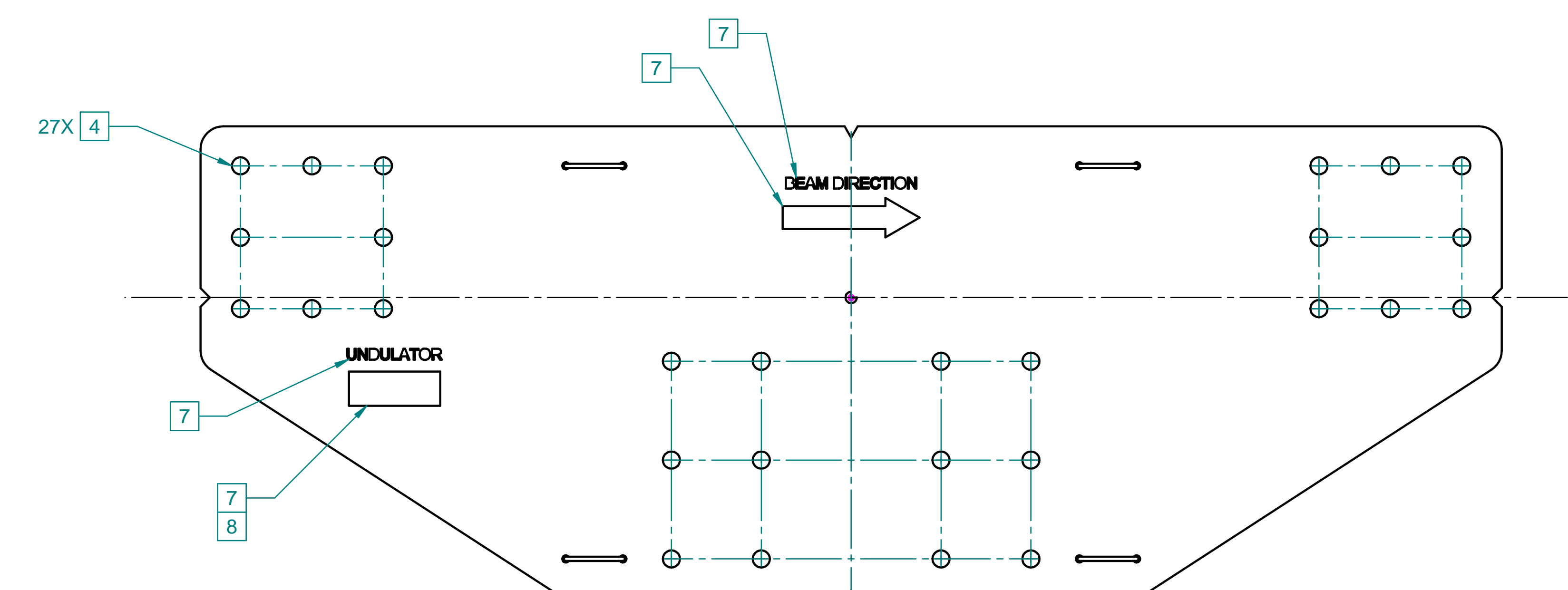
START - UNDULATOR HALL 511.93 M PER ORACLE DATABASE

52X FLOOR AND WALL LOCATIONS FOR ALIGNMENT MONUMENTS

BEAM DIRECTION



DETAIL A SCALE: 1:4



DETAIL B SCALE: 1:8 21X

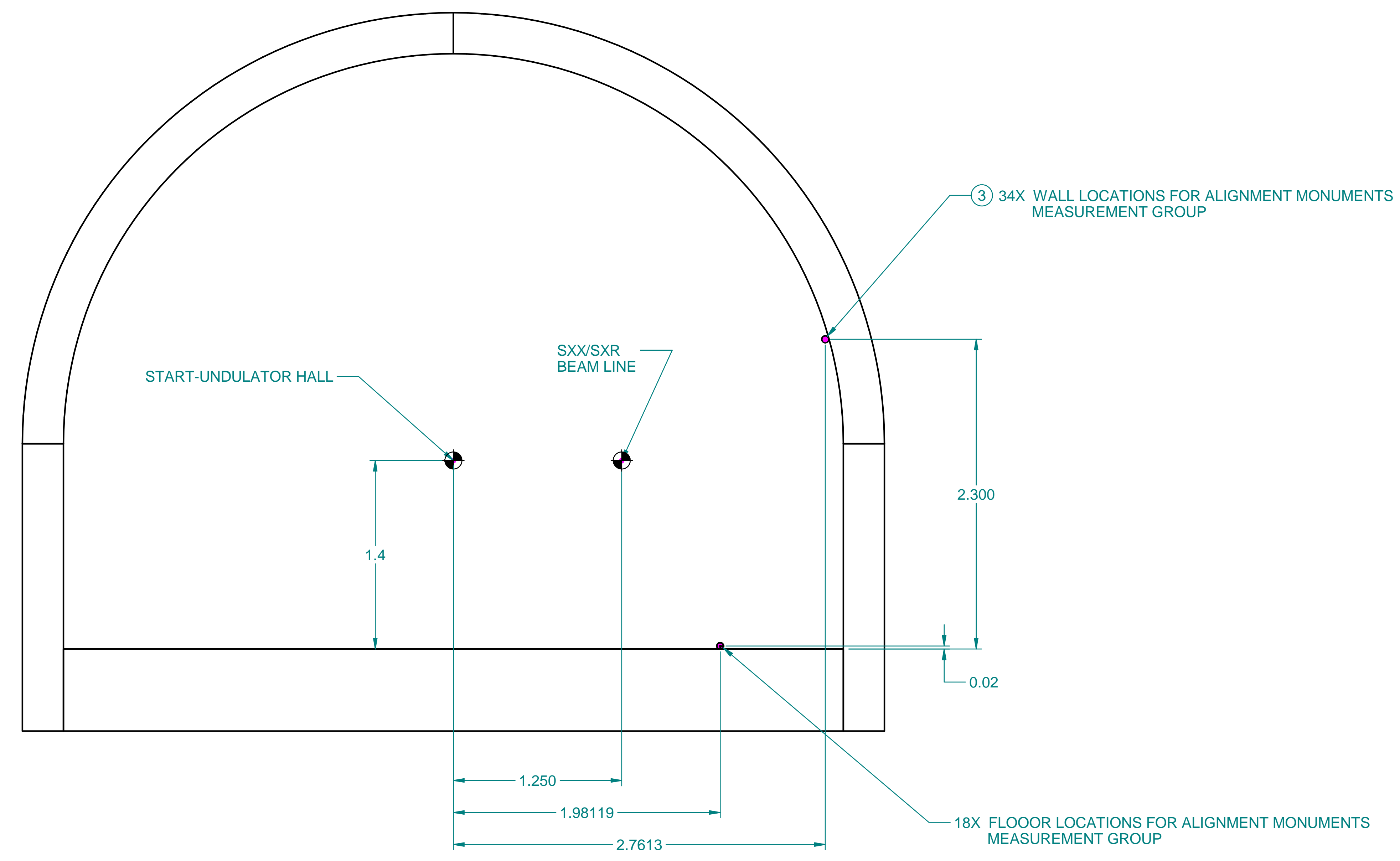
NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS ARE IN METERS.
2. ALL COORDINATES FROM 28 NOVEMBER 2016 MAD DECK RELEASE.
(V:\LCLS\LCLS_IN\Undulator\BeamLineLayout\Cube FarmSXX\SRX_UndCubeFarm_061715.xlsx)
3. ALL DIMENSIONS IN LCLS UNDULATOR COORDINATES, AS DEFINED IN LCLS-TN-03-8.
4. USE RED SPRAY PAINT TO LOCATE 1.50 DIA HOLE PATTERN. 1.50 DIA HOLES ARE PREFERRED SET FOR INTERSPACE SUPPORT STAND (SA-375-505-00).
5. USE BLUE SPRAY PAINT TO LOCATE DIAMOND SHAPE HOLE PATTERN. DIAMOND SHAPED HOLE SET IS REDUNDANT AND MAY BE USED TO AVOID REBAR.
6. USE YELLOW SPRAY PAINT TO LOCATE .75 DIA HOLE PATTERN ONLY. NOTE: .75 DIA HOLE SET FOR DRIFT STAND (SA-375-506-89) AND COMPONENT STAND (SA-375-506-88).
7. USE WHITE SPRAY PAINT IN NOTED AREAS.
8. STENCIL UNDULATOR LOCATION IN AREA NOTED USING BLACK PERMANENT INK.

ITEM	STOCK OR PART NO	TITLE OR DESCRIPTION	QTY
3	LBNL-20151204-0240	SPHERE, 1.00 DIA	52
2	LCL0420-000008	SXR UNDULATOR TEMPL	21
1	PF-375-053-01	SPRT STAND TEMPL	36

DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5-2009 UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES: BREAK EDGES: 0.05-0.15 INTERNAL CORNERS: R.015 MAX DEC: .XXX .XXXX .XXXXX ANGLE: * ALL SURF	SCALE: 1:197 DO NOT SCALE DRAWING	ESTIMATED MASS: 0 LB CAD FILE NAME: mo37504502.dft
ID-375-045-07 ID-375-045-06 NEXT ASSEMBLIES:	<p>U.S. DEPARTMENT OF ENERGY NATIONAL ACCELERATOR LABORATORY</p> <p>THE DRAWINGS, SPECIFICATIONS AND OTHER DATA HEREIN PROVIDED SHALL NOT BE COPIED, PUBLISHED OR OTHERWISE FURTHER DISSEMINATED WITHOUT PRIOR WRITTEN PERMISSION OF STANFORD UNIVERSITY/SLAC.</p> <p>ENR: D. BRUCH DWN: S. SCORE CDR: D. BRUCH</p> <p>DATE: 20170701</p>	LCLS2 SXR INSTL/INTEG SXX ANCHOR LOCATION SXX/SXR SITE PREP
DRAWING NUMBER: ID-375-045-02 REVISION NUMBER: 00	REF ONLY	00 E

REV	DESCRIPTION	DWN	CHKR	APV	DATE



---	DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ASME Y14.5-2009	SCALE: 1:20 DUPLICATED SCALE DRAWING	ESTIMATED MASS: 0 LB	CAD FILE NAME: mo37504502.dft														
---	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES: BREAK EDGES: 0.05-0.15 INTERNAL CORNERS R.015 MAX FRACTIONS: 1/16		LCLS2 SXR INSTL/INTEG SXX ANCHOR LOCATION SXX/SXR SITE PREP															
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