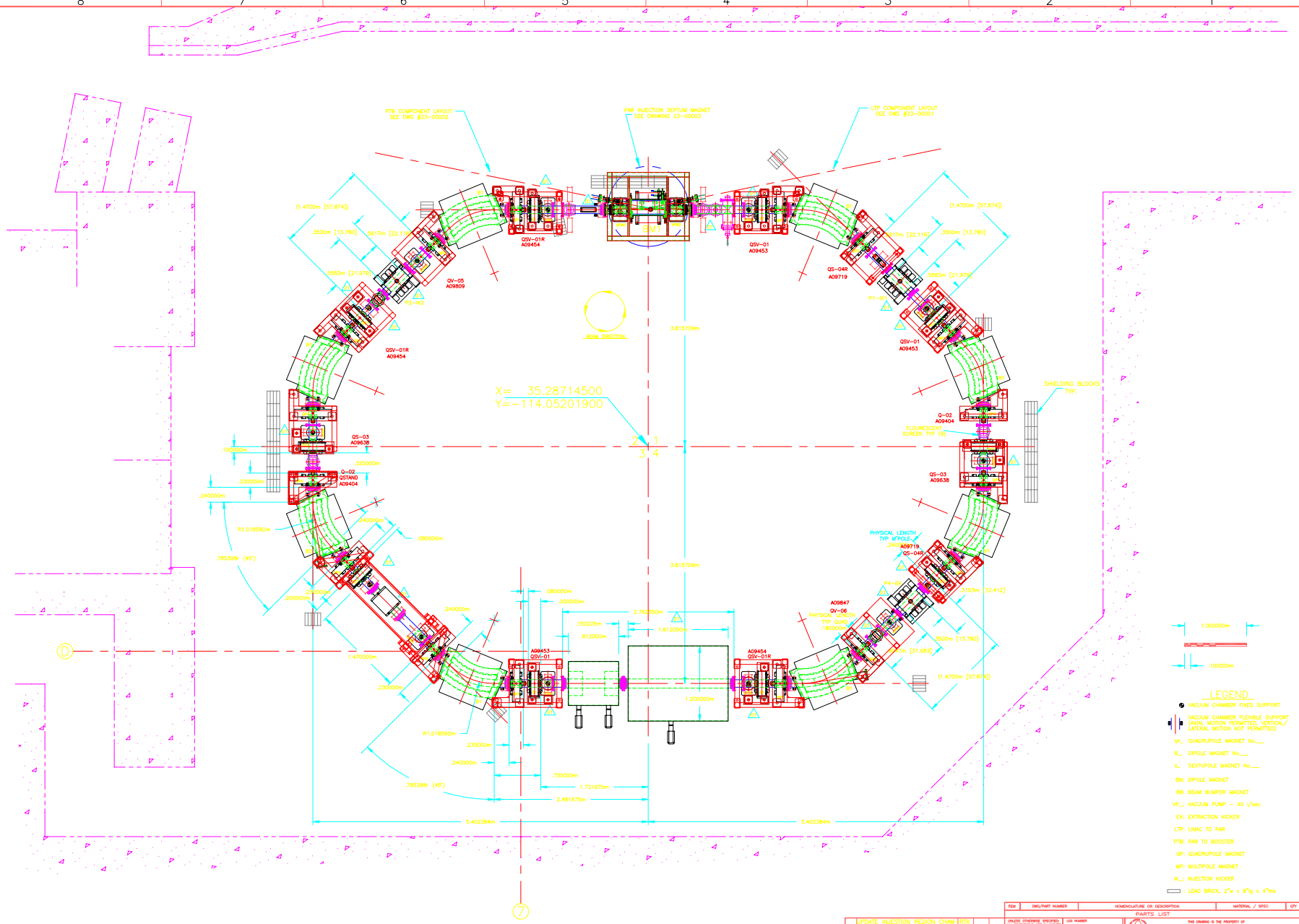
(E) PLOT SCALE: 2X | DWG. SCALE: 1.0 | A08152X



LEGEND

- VACUUM CHAMBER FIXED SUPPORT
- VACUUM CHAMBER FLEXIBLE SUPPORT (AXIAL MOTION PERMITTED, VERTICAL/ LATERAL MOTION NOT PERMITTED)
- QP:_ QUADRUPOLE MAGNET No.____
- B:_ DIPOLE MAGNET No.____
- S:_ SEXTUPOLE MAGNET No.____
- BM: DIPOLE MAGNET
- BB: BEAM BUMPER MAGNET
- VP:_: VACUUM PUMP – XX l/sec
- EK: EXTRACTION KICKER
- LTP: LINAC TO PAR
- PTB: PAR TO BOOSTER
- QP: QUADRUPOLE MAGNET
- MP: MULTIPOLE MAGNET
- IK:_: INJECTION KICKER
- : LEAD BRICK, 2"w x 8"g x 4"thk

NOTE:
1) LATERAL BOUNDRIES OF VACUUM CHAMBERS REPRESENT INSIDE WALLS OF TUBE.
2) EFFECTIVE LENGTHS AND FREE DRIFT SPACES INDICATED BY ALL DIMENSIONS UNLESS OTHERWISE NOTED.
3) FOR FURTHER INFORMATION REGARDING CHAMBER PHYSICAL LENGTHS SEE DWG #26-100002.

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
02	UPDATE INJESTION REGION CHAMBER CONFIG; UPDATE TRANSFORMER; UPDATE TABLE/RISER ARRANGEMENT (HIDDEN), NEW SEPTUM	RTK		011796
01	REVISED AUX. PORT QUANTITY & LOCATION, ADDED SECOND TUNER AT KICKER CHAMB. 2" LONGER; OTHER CHAMBERS CHG TO SUIT; ADDED SHIELD BLOCKS; RF-1-1/2" TRANSFER-X/Y-1"	RJD, JN, MG		032593

REVISIONS

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

PARTS LIST

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES
TOLERANCES: DECIMALS .X ± .XX ± .XXX ± ANGULAR ±
SURFACE ROUGHNESS
REMOVE ALL BURRS AND BREAK SHARP EDGES .02 MAX
SURFACE TEXTURE TO BE IN ACCORDANCE WITH ANSI B46.1
DIMENSIONS & TOLERANCES IN ACCORDANCE WITH ANSI Y14.5
DO NOT SCALE DRAWING

LOG NUMBER A1396202

THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY

		DATE
DRAWN BY	RT KMAK	110292
CHECKED BY	A.BARCIKOWSKI	110292
DESIGNER	RT KMAK	110292
RESPONSIBLE ENGINEER	R.J.DORTWEGT	110292
OP LEADER	J. NOONAN	110292
PROJECT MGR	M. BORLAND	110292
APPROVED/RELEASED		

MATERIAL

TITLE: ADVANCED PHOTON SOURCE
POSITRON ACCUMULATOR RING (PAR)
COMPONENT LAYOUT
EFFECTIVE LENGTHS & DRIFTS

SCALE | SIZE E | DRAWING NUMBER 25-00001-02 | SHEET 1 of 1