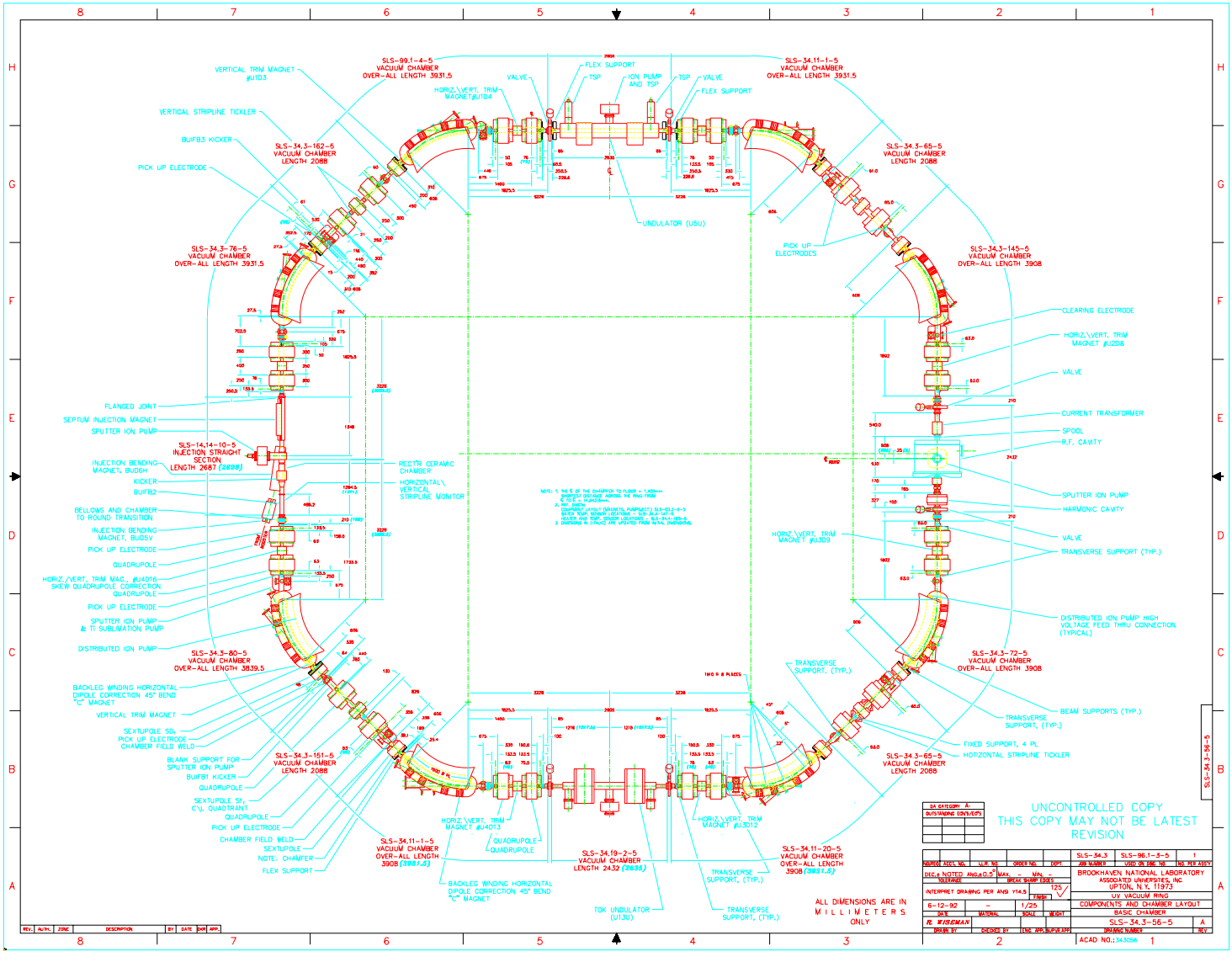
SLS-99.1-4-5
VACUUM CHAMBER
OVER-ALL LENGTH 3931.5
SLS-34.11-1-5
VACUUM CHAMBER
OVER-ALL LENGTH 3931.5
VERTICAL TRIM MAGNET #U1D3
HORIZ.\VERT. TRIM MAGNET#U1D4
VALVE
FLEX SUPPORT
TSP
ION PUMP AND TSP
TSP
VALVE
FLEX SUPPORT
VERTICAL STRIPLINE TICKLER
BUIFB3 KICKER
PICK UP ELECTRODE
SLS-34.3-162-5
VACUUM CHAMBER
LENGTH 2088
SLS-34.3-65-5
VACUUM CHAMBER
LENGTH 2088
UNDULATOR (U5U)
PICK UP ELECTRODES
SLS-34.3-76-5
VACUUM CHAMBER
OVER-ALL LENGTH 3931.5
SLS-34.3-145-5
VACUUM CHAMBER
OVER-ALL LENGTH 3908
CLEARING ELECTRODE
HORIZ.\VERT. TRIM MAGNET #U2D8
VALVE
CURRENT TRANSFORMER
SPOOL
R.F. CAVITY
FLANGED JOINT
SEPTUM INJECTION MAGNET
SPUTTER ION PUMP
SLS-14.14-10-5
INJECTION STRAIGHT SECTION
LENGTH 2687 (2888)
INJECTION BENDING MAGNET, BUD6H
KICKER
BUIFB2
RECTR CERAMIC CHAMBER
HORIZONTAL\ VERTICAL STRIPLINE MONITOR
BELLOWS AND CHAMBER TO ROUND TRANSITION
INJECTION BENDING MAGNET, BUD5V
PICK UP ELECTRODE
QUADRUPOLE
HORIZ./VERT. TRIM MAG., #U4D16
SKEW QUADRUPOLE CORRECTION QUADRUPOLE
PICK UP ELECTRODE
SPUTTER ION PUMP & TI SUBLIMATION PUMP
DISTRIBUTED ION PUMP
SPUTTER ION PUMP
HARMONIC CAVITY
VALVE
TRANSVERSE SUPPORT (TYP.)
HORIZ.\VERT. TRIM MAGNET #U3D9
DISTRIBUTED ION PUMP HIGH VOLTAGE FEED THRU CONNECTION (TYPICAL)
SLS-34.3-80-5
VACUUM CHAMBER
OVER-ALL LENGTH 3839.5
SLS-34.3-72-5
VACUUM CHAMBER
OVER-ALL LENGTH 3908
TRANSVERSE SUPPORT, (TYP.)
BACKLEG WINDING HORIZONTAL DIPOLE CORRECTION 45° BEND "C" MAGNET
VERTICAL TRIM MAGNET
SEXTUPOLE SD1
PICK UP ELECTRODE
CHAMBER FIELD WELD
BLANK SUPPORT FOR SPUTTER ION PUMP
BUIFB1 KICKER
QUADRUPOLE
SEXTUPOLE SF1
C\L QUADRANT
QUADRUPOLE
PICK UP ELECTRODE
CHAMBER FIELD WELD
SEXTUPOLE
NOTE: CHAMFER
FLEX SUPPORT
SLS-34.3-151-5
VACUUM CHAMBER
LENGTH 2088
BEAM SUPPORTS (TYP.)
TRANSVERSE SUPPORT, (TYP.)
FIXED SUPPORT, 4 PL
HORIZONTAL STRIPLINE TICKLER
SLS-34.3-65-5
VACUUM CHAMBER
LENGTH 2088
HORIZ.\VERT. TRIM MAGNET #U4D13
QUADRUPOLE
QUADRUPOLE
HORIZ.\VERT. TRIM MAGNET #U3D12
SLS-34.11-1-5
VACUUM CHAMBER
OVER-ALL LENGTH
3908 (3981.4)
SLS-34.19-2-5
VACUUM CHAMBER
LENGTH 2432 (2639)
SLS-34.11-20-5
VACUUM CHAMBER
OVER-ALL LENGTH
3908 (3951.8)
BACKLEG WINDING HORIZONTAL DIPOLE CORRECTION 45° BEND "C" MAGNET
TRANSVERSE SUPPORT, (TYP.)
TOK UNDULATOR (U13U)
TRANSVERSE SUPPORT, (TYP.)
ALL DIMENSIONS ARE IN MILLIMETERS ONLY
UNCONTROLLED COPY
THIS COPY MAY NOT BE LATEST REVISION
SLS-34.3-56-5
BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.
UPTON, N.Y. 11973
UV VACUUM RING
COMPONENTS AND CHAMBER LAYOUT
BASIC CHAMBER
R. WISEMAN
6-12-92
1/25
SLS-34.3-56-5
ACAD NO.: 543056