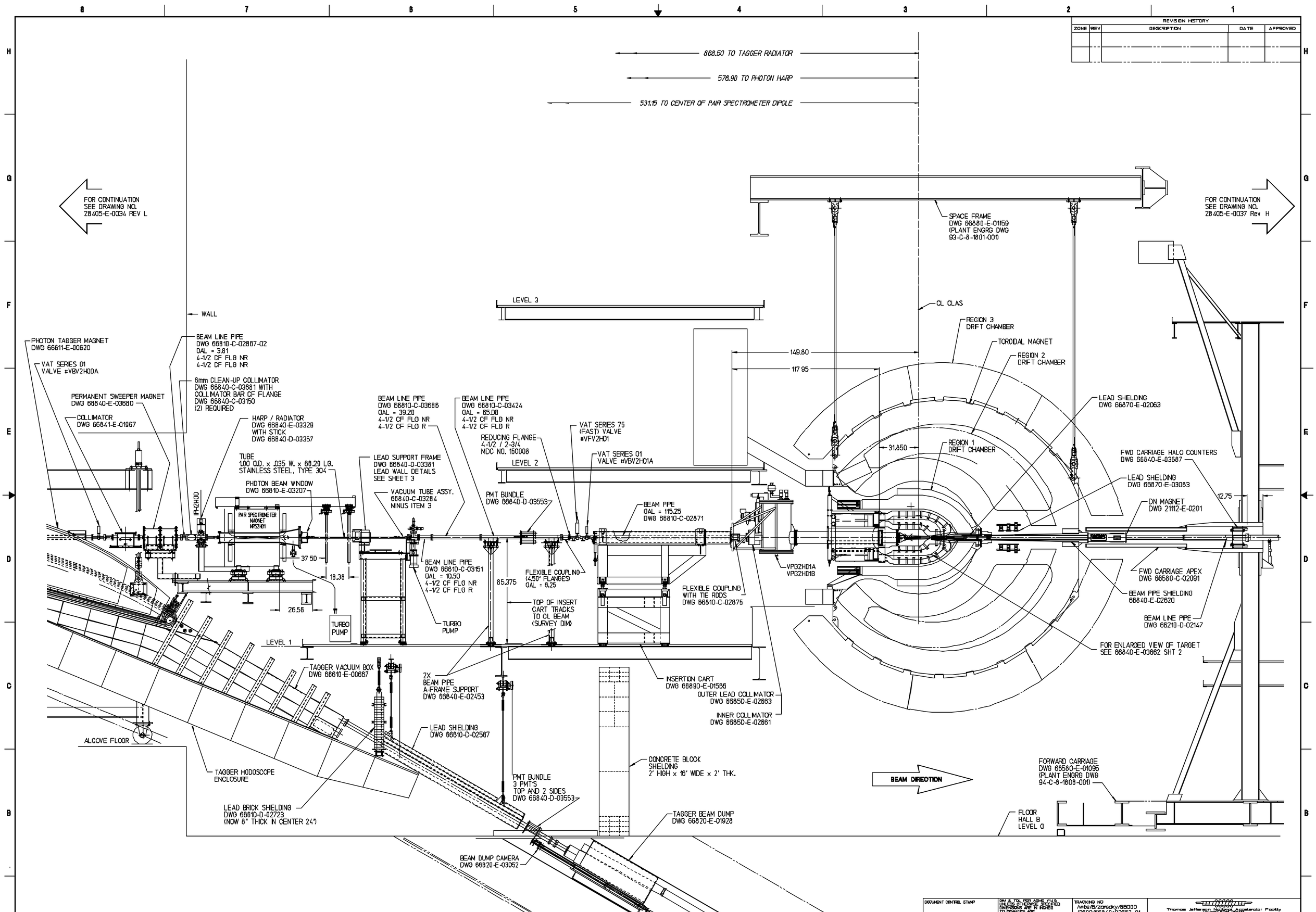
868.50 TO TAGGER RADIATOR
576.90 TO PHOTON HARP
531.15 TO CENTER OF PAIR SPECTROMETER DIPOLE
FOR CONTINUATION SEE DRAWING NO. 28405-E-0034 REV L
FOR CONTINUATION SEE DRAWING NO. 28405-E-0037 Rev H
SPACE FRAME DWG 66880-E-01159 (PLANT ENGRG DWG 93-C-8-1801-001)
LEVEL 3
LEVEL 2
LEVEL 1
WALL
CL CLAS
REGION 3 DRIFT CHAMBER
TOROIDAL MAGNET
REGION 2 DRIFT CHAMBER
REGION 1 DRIFT CHAMBER
LEAD SHIELDING DWG 66870-E-02063
LEAD SHIELDING DWG 66870-E-03063
FWD CARRIAGE HALO COUNTERS DWG 66840-E-03687
DN MAGNET DWG 21112-E-0201
FWD CARRIAGE APEX DWG 66580-C-02091
BEAM PIPE SHELDING 66840-E-02620
BEAM LINE PIPE DWG 66210-D-02147
FOR ENLARGED VIEW OF TARGET SEE 66840-E-03662 SHT 2
149.80
117.95
31.850
12.75
PHOTON TAGGER MAGNET DWG 66611-E-00620
VAT SERIES 01 VALVE #VBV2H00A
PERMANENT SWEEPER MAGNET DWG 66840-E-03680
COLLIMATOR DWG 66841-E-01967
BEAM LINE PIPE DWG 66810-C-02867-02 OAL = 3.81 4-1/2 CF FLG NR 4-1/2 CF FLG NR
6mm CLEAN-UP COLLIMATOR DWG 66840-C-03681 WITH COLLIMATOR BAR CF FLANGE DWG 66840-C-03150 (2) REQUIRED
HARP / RADIATOR DWG 66840-E-03328 WITH STICK DWG 66840-D-03357
TUBE 1.00 O.D. x .035 W. x 66.29 LG. STAINLESS STEEL, TYPE 304
PHOTON BEAM WINDOW DWG 66810-E-03207
PAIR SPECTROMETER MAGNET VPS2H01
VPH2H00
37.50
18.38
26.56
TURBO PUMP
BEAM LINE PIPE DWG 66810-C-03686 OAL = 39.20 4-1/2 CF FLG NR 4-1/2 CF FLG R
LEAD SUPPORT FRAME DWG 66840-D-03381 LEAD WALL DETAILS SEE SHEET 3
VACUUM TUBE ASSY. 66840-C-03284 MINUS ITEM 3
BEAM LINE PIPE DWG 66810-C-03151 OAL = 10.50 4-1/2 CF FLG NR 4-1/2 CF FLG R
TURBO PUMP
BEAM LINE PIPE DWG 66810-C-03424 OAL = 65.08 4-1/2 CF FLG NR 4-1/2 CF FLG R
REDUCING FLANGE 4-1/2 / 2-3/4 MDC NO. 150008
PMT BUNDLE DWG 66840-D-03553
85.375
FLEXIBLE COUPLING (4.50" FLANGES) OAL = 6.25
TOP OF INSERT CART TRACKS TO CL BEAM (SURVEY DIM)
VAT SERIES 75 (FAST) VALVE #VFV2H01
VAT SERIES 01 VALVE #VBV2H01A
BEAM PIPE OAL = 115.25 DWG 66810-C-02871
FLEXIBLE COUPLING WITH TIE RODS DWG 66810-C-02875
VPB2H01A VPB2H01B
TAGGER VACUUM BOX DWG 66810-E-00667
2X BEAM PIPE A-FRAME SUPPORT DWG 66840-E-02453
LEAD SHIELDING DWG 66810-D-02587
INSERTION CART DWG 66890-E-01586
OUTER LEAD COLLIMATOR DWG 66850-E-02663
INNER COLLIMATOR DWG 66850-E-02661
CONCRETE BLOCK SHELDING 2' HIGH x 16' WIDE x 2' THK.
ALCOVE FLOOR
TAGGER HODOSCOPE ENCLOSURE
LEAD BRICK SHELDING DWG 66810-D-02723 (NOW 8" THICK IN CENTER 24")
PMT BUNDLE 3 PMT'S TOP AND 2 SIDES DWG 66840-D-03553
TAGGER BEAM DUMP DWG 66820-E-01928
BEAM DUMP CAMERA DWG 66820-E-03052
BEAM DIRECTION
FORWARD CARRIAGE DWG 66580-E-01095 (PLANT ENGRG DWG 94-C-8-1808-001)
FLOOR HALL B LEVEL 0
REVISION HISTORY
ZONE REV DESCRIPTION DATE APPROVED
DOCUMENT CONTROL STAMP
DO NOT SCALE DRAWING
MATERIAL N/A
FINISH MACHINED SURFACES 125 UNLESS OTHERWISE NOTED
DEBURR & BREAK ALL SHARP EDGES
DIM & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
THIRD ANGLE PROJECTION
TRACKING NO /home/5/zarecky/66000/3600/66840e03662_01
APPROVALS DATE
DRAWN M. ZARECKY 7/12/02
CHECKED D. KASHY 8/30/02
APPROVED D. KASHY 8/30/02
APPROVED D. KASHY 8/30/02
Thomas Jefferson National Accelerator Facility
Operated by Jefferson Science Associates, LLC
United States Department of Energy
HALL B
CLAS BEAM LINE ASSEMBLY
FROM TAGGER MAGNET THRU FWD CARRIAGE
FOR g7 RUN (FALL 2002)
SIZE E DWG NO 66840-E-03662 REV. -
SCALE 1/24 USED ON NEXT NO. - SHEET 1 OF 3