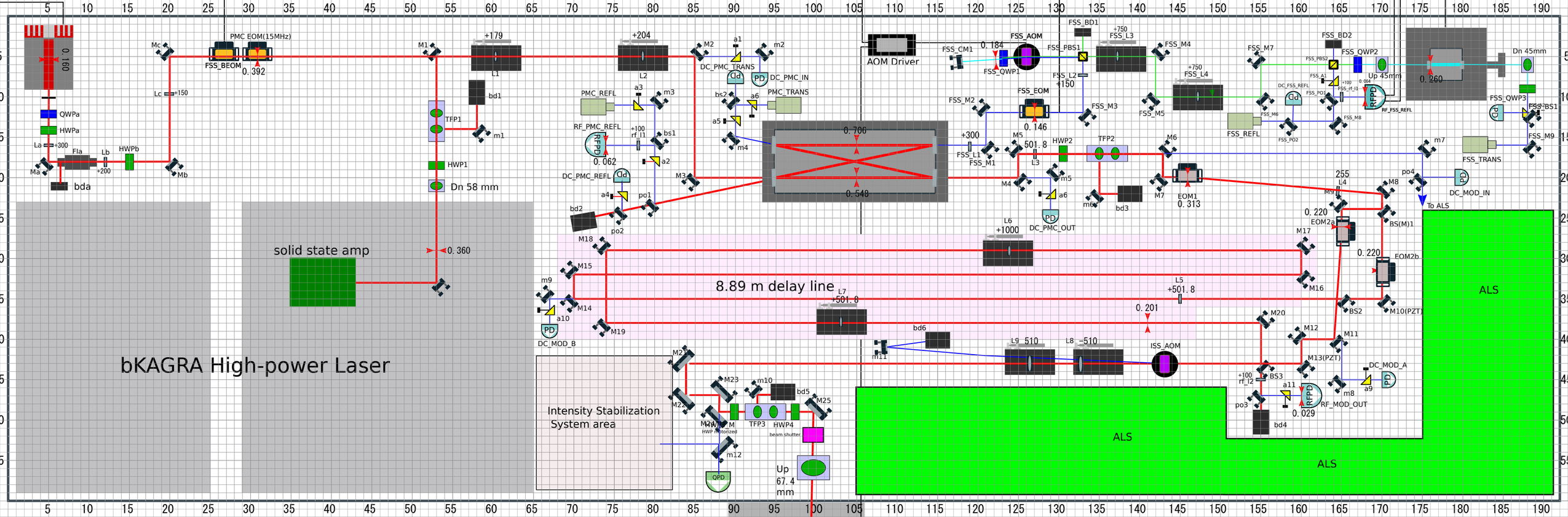
bKAGRA High-power Laser
solid state amp
8.89 m delay line
Intensity Stabilization System area
ALS
AOM Driver
PMC EOM(15MHz)
FSS_BEOM
0.392
0.160
QWPa
HWPa
bda
Dn 58 mm
0.360
0.706
0.548
0.062
0.184
0.146
0.313
0.220
0.201
0.029
0.260
0.392
+179
+204
+1000
+501.8
+510
-510
+150
+300
+750
+100
Up 45mm
Dn 45mm
Up 67.4 mm
To ALS
ISS_AOM
DC_PMC_TRANS
DC_PMC_IN
PMC_TRANS
PMC_REFL
RF_PMC_REFL
DC_PMC_REFL
DC_PMC_OUT
DC_MOD_IN
DC_MOD_B
DC_MOD_A
RF_MOD_OUT
FSS_AOM
FSS_EOM
FSS_QWP1
FSS_QWP2
FSS_QWP3
FSS_BD1
FSS_BD2
FSS_PBS1
FSS_PBS2
FSS_REFL
FSS_TRANS
RF_FSS_REFL
EOM1
EOM2a
EOM2b
BS(M)1
BS2
BS3
M10(PZT)
M13(PZT)
TFP1
TFP2
TFP3
HWP1
HWP2
HWP4
beam shutter
QPD
RFPD
PD