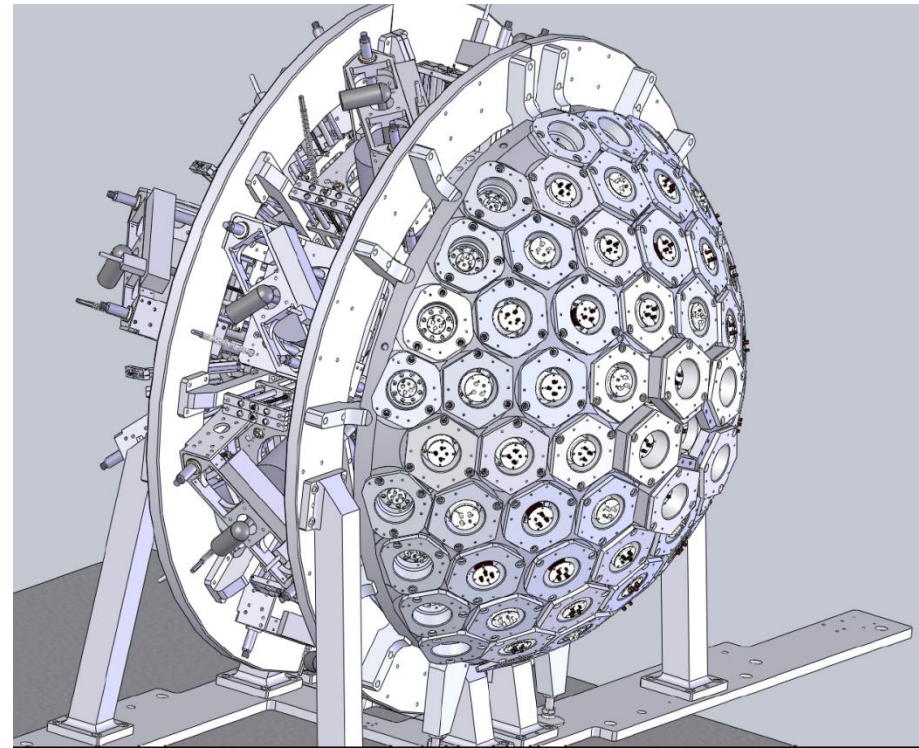
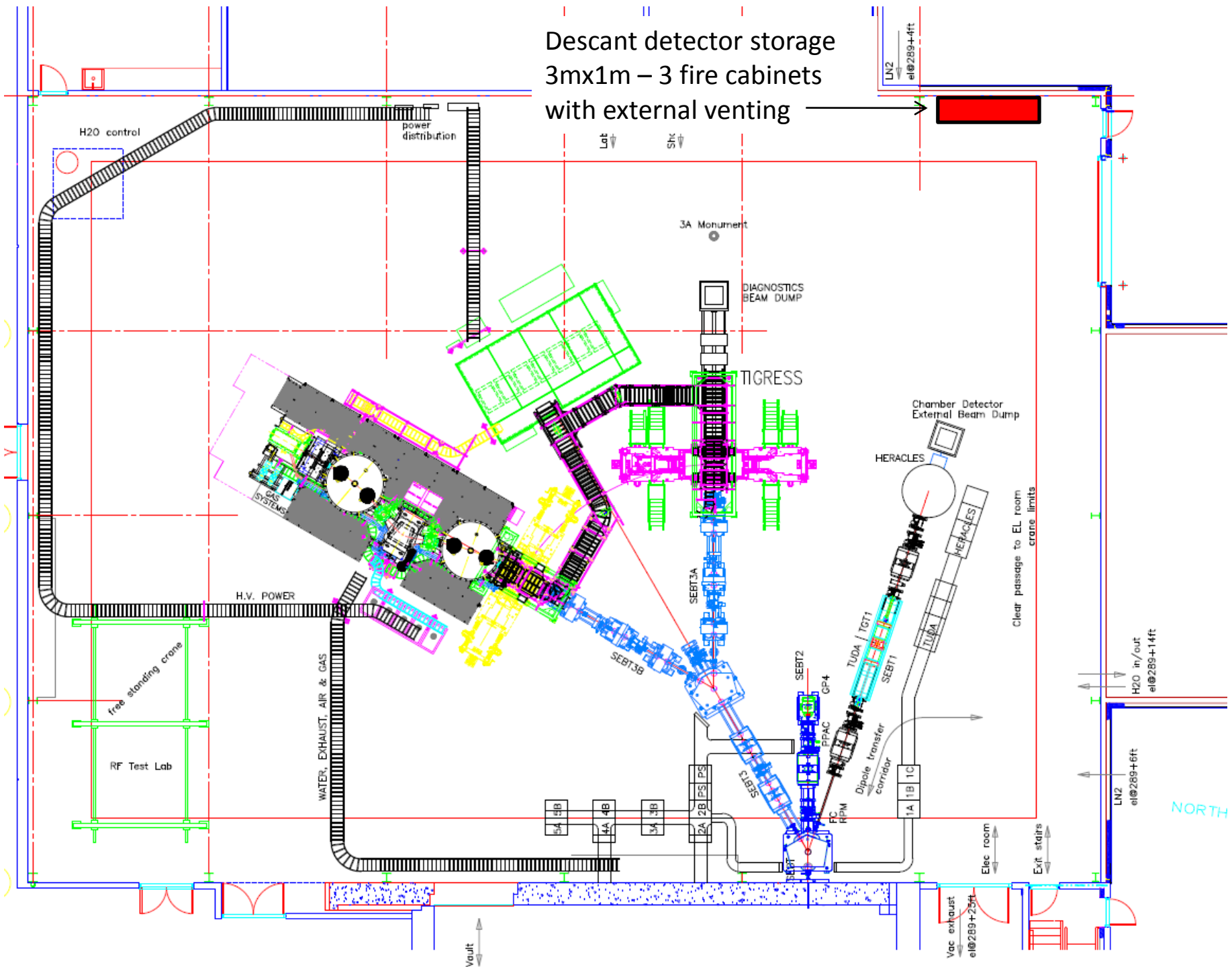


DESCANT space requirements

- Storage of DESCANT detectors, support shell, and stand in ISAC-II hall
- Detectors require 3 86cmx95cm fire cabinets mounted to an exterior wall for ventilation
- When not attached to TIGRESS/GRIFFIN, hemispherical shell requires storage/assembly stand 3mx2m area.
- Crane shell into area to attach to TIGRESS/GRIFFIN
- Shell and detectors must be transportable to GRIFFIN in ISAC-I
- Storage for 72 16-gallon drums for detector transportation



Descant detector storage
3mx1m – 3 fire cabinets
with external venting



LN2
el@289+4ft

H2O control

power distribution

Lat ↓

Shc ↓

3A Monument

DIAGNOSTICS
BEAM DUMP

TIGRESS

Chamber Detector
External Beam Dump

HERACLES

H.V. POWER

free standing cranes

RF Test Lab

WATER, EXHAUST, AIR & GAS

4A 3B

4A 4B

3A 3B

2A 2B PS PS

ELB3S

FC

RPM

1A 1B 1C

Vac exhaust
el@289+25ft

Elec room

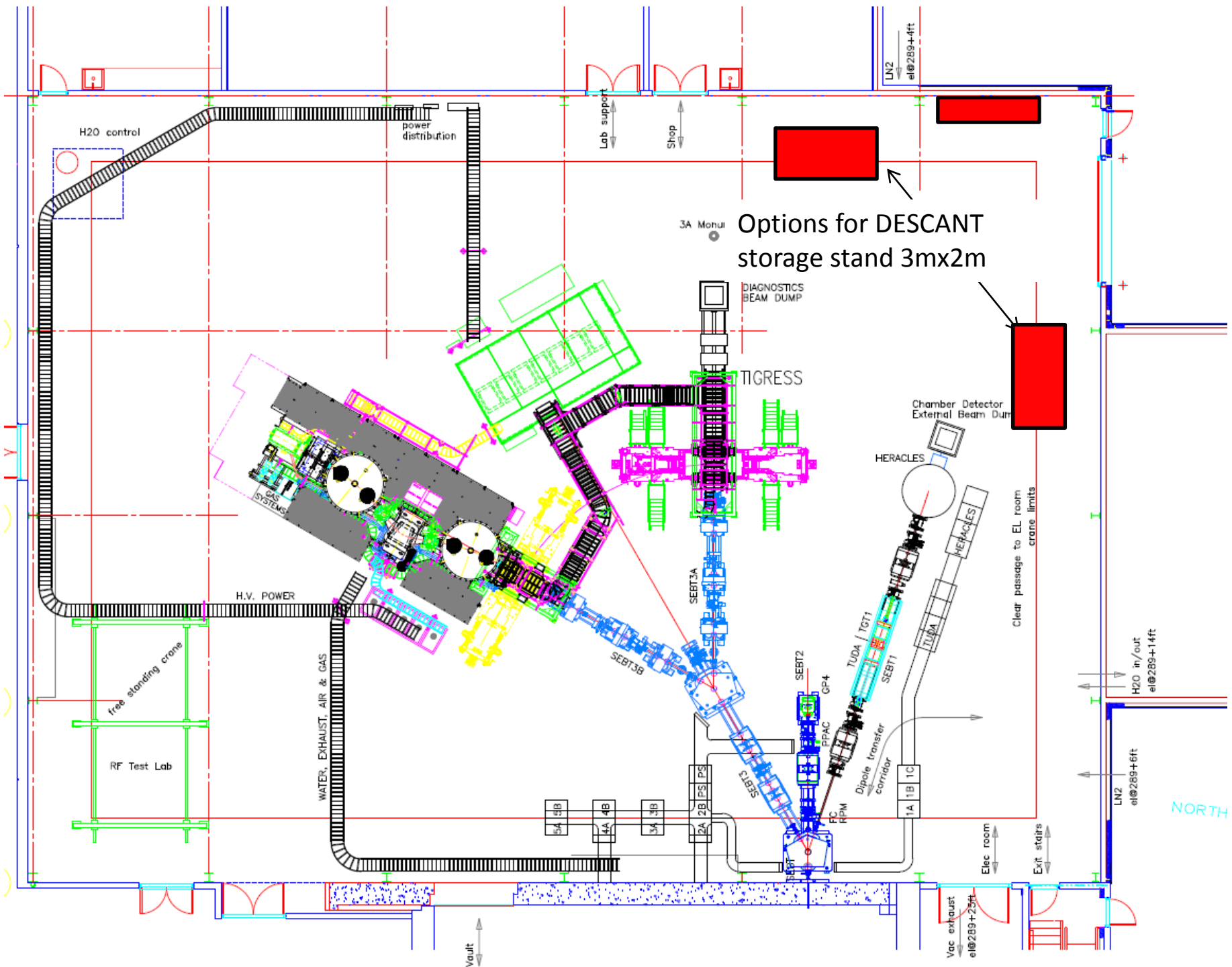
Exit stairs

Clear passage to EL room
crane limits

H2O m/out
el@289+14ft

LN2
el@289+6ft

NORTH



Options for DESCANT storage stand 3mx2m

3A Monu

DIAGNOSTICS BEAM DUMP

TIGRESS

Chamber Detector
External Beam Dump

HERACLES

H.V. POWER

WATER, EXHAUST, AIR & GAS

free standing crane

RF Test Lab

Clear passage to EL room
crane limits

H2O m/out
el@289+14ft

LN2
el@289+6ft

NORTH

Vac exhaust
el@289+25ft

Elec room

Exit stairs

Vault

Lab support

Shop

LN2
el@289+4ft

H2O control

power distribution

5A 5B

4A 4B

3A 3B

2A 2B PS PS

ELB3S

SEBT1

FC RPM

GP4

PPAC

SEBT2

TU0A

TGT1

1A 1B 1C

HERACLES

HERACLES

LN2

el@289+14ft

NORTH

el@289+6ft