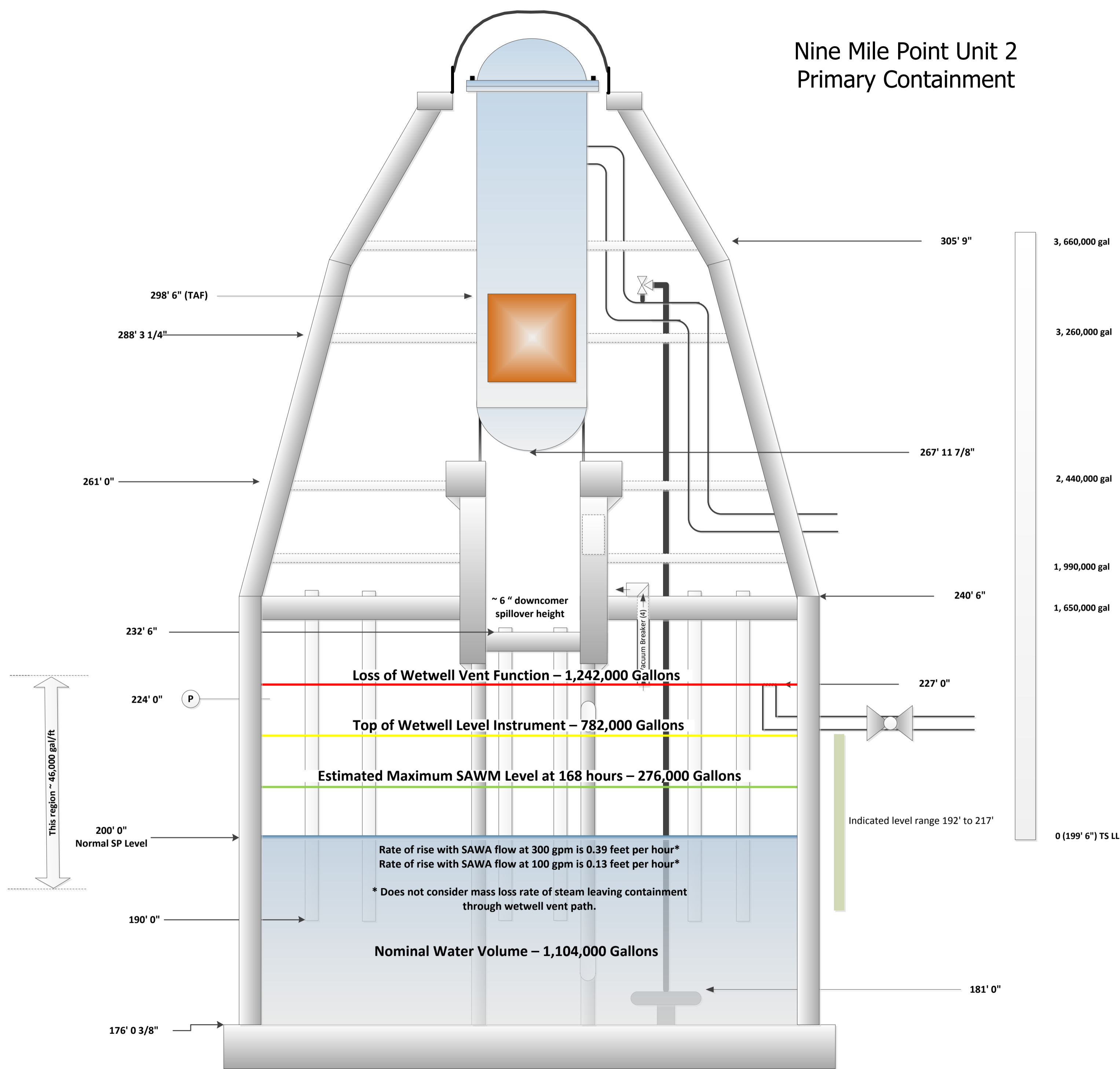


# Nine Mile Point Unit 2 Primary Containment



298' 6" (TAF)

288' 3 1/4"

261' 0"

232' 6"

224' 0"

P

200' 0"  
Normal SP Level

190' 0"

176' 0 3/8"

~ 6 " downcomer  
spillover height

Loss of Wetwell Vent Function – 1,242,000 Gallons

Top of Wetwell Level Instrument – 782,000 Gallons

Estimated Maximum SAWM Level at 168 hours – 276,000 Gallons

Rate of rise with SAWA flow at 300 gpm is 0.39 feet per hour\*  
Rate of rise with SAWA flow at 100 gpm is 0.13 feet per hour\*

\* Does not consider mass loss rate of steam leaving containment  
through wetwell vent path.

Nominal Water Volume – 1,104,000 Gallons

305' 9"

3, 660,000 gal

3, 260,000 gal

267' 11 7/8"

2, 440,000 gal

1, 990,000 gal

1, 650,000 gal

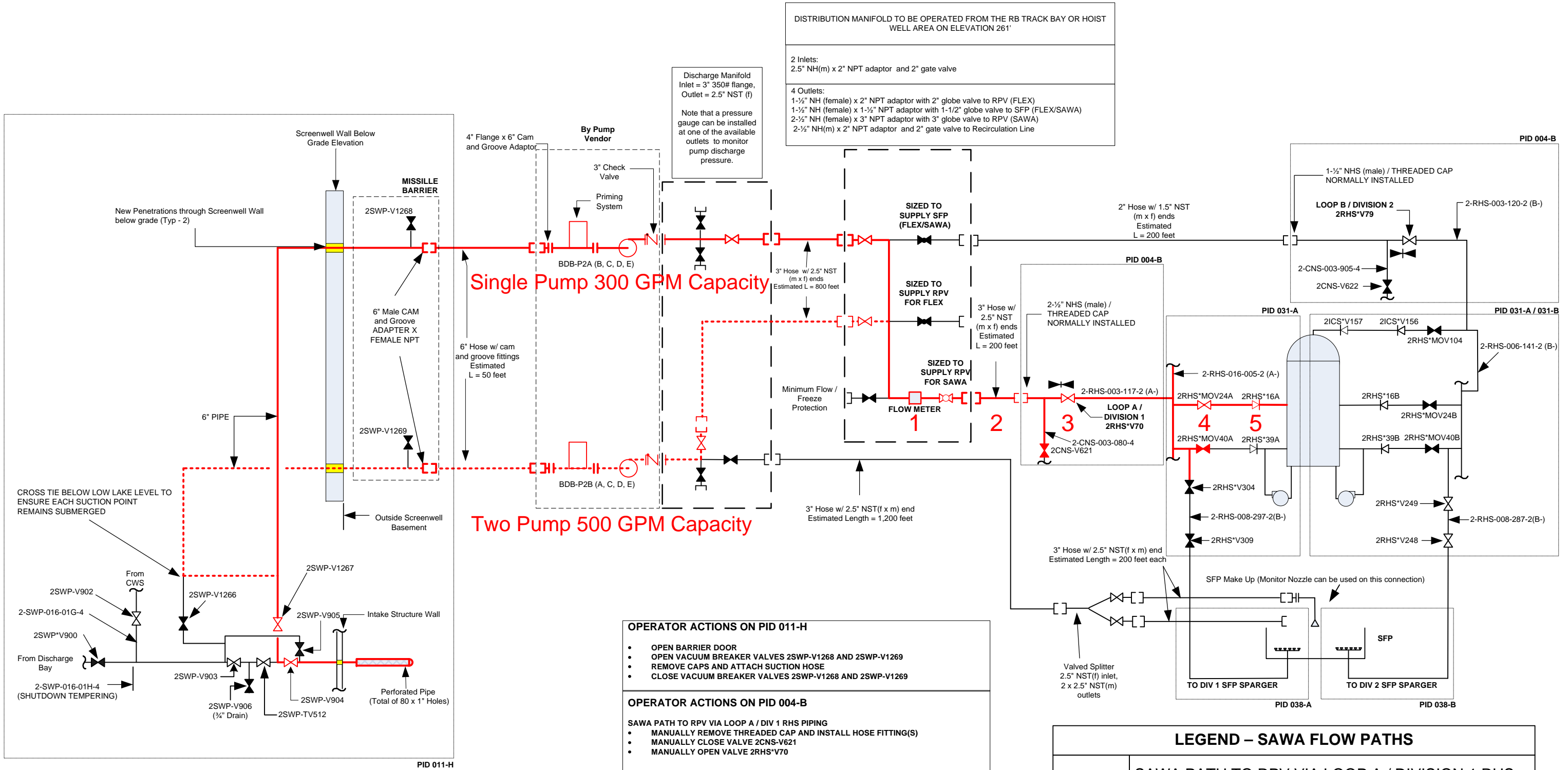
240' 6"

227' 0"

Indicated level range 192' to 217'

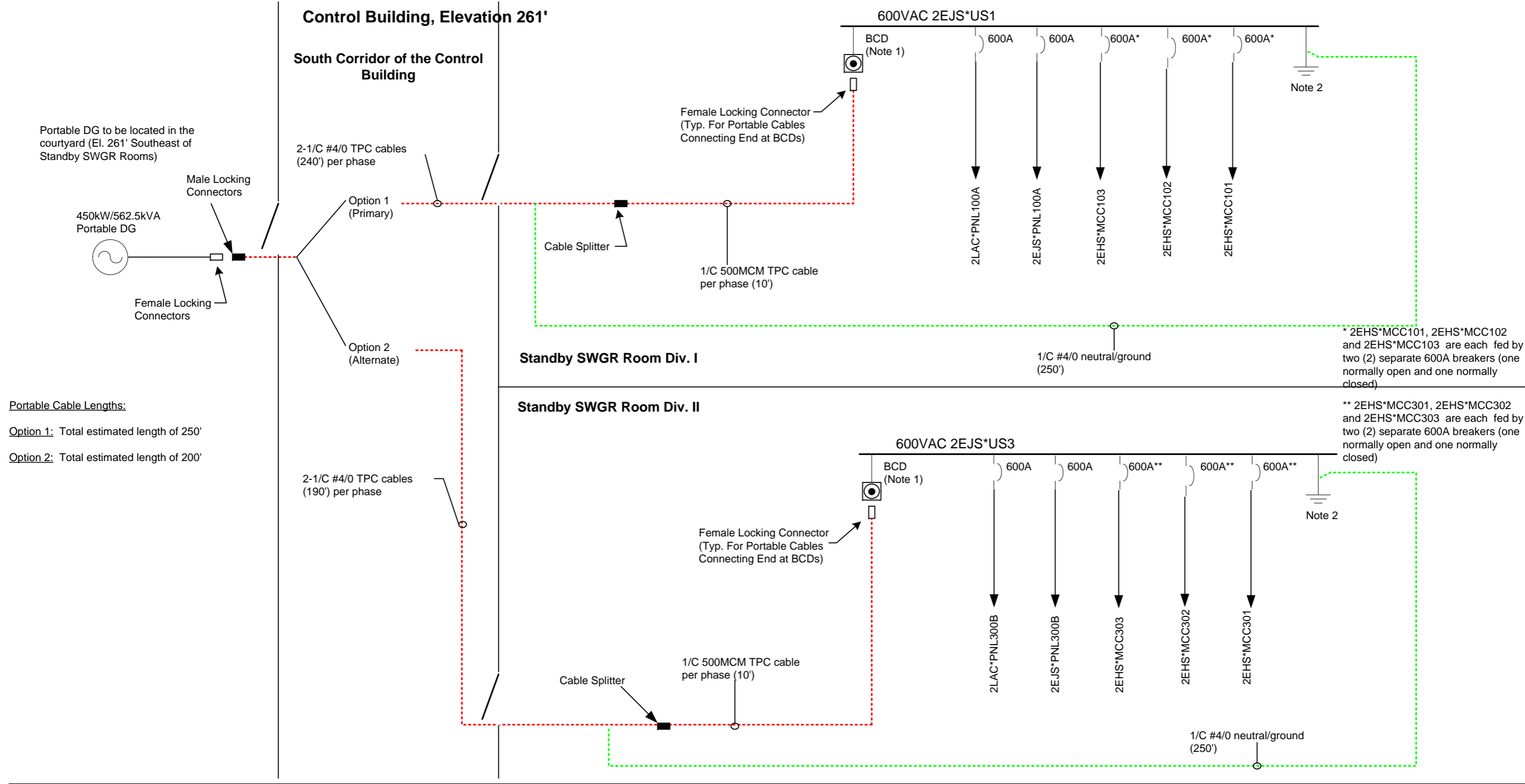
0 (199' 6") TS LL

181' 0"



1. SAWA in-line flow meter
2. 200' of 3" hose
3. Local manual valve – Open
4. Power operated remote manual valve – Open
5. SAWA backflow prevention check valve - PCIV

NMP Unit 2 FLEX DG Connection



Portable Cable Lengths:

Option 1: Total estimated length of 250'

Option 2: Total estimated length of 200'

LEGEND:

- Portable Cable consist of three parallel sets of 2 – 1/C #4/0 AWG and 1/C 500 MCM TPC cables
- 1/C #4/0 AWG TPC Cables for portable DG system grounding

Note:

- Existing “future space” , cubicle 5C will be used for connection via a Bus Connection Device (BCD). The BCD is non-safety related (NSR) and will be equipped with (1) TPC male locking receptacle, Model # PA22MR, per phase.
- Portable DG neutral to be grounded at the Switchgear neutral/ground bus.