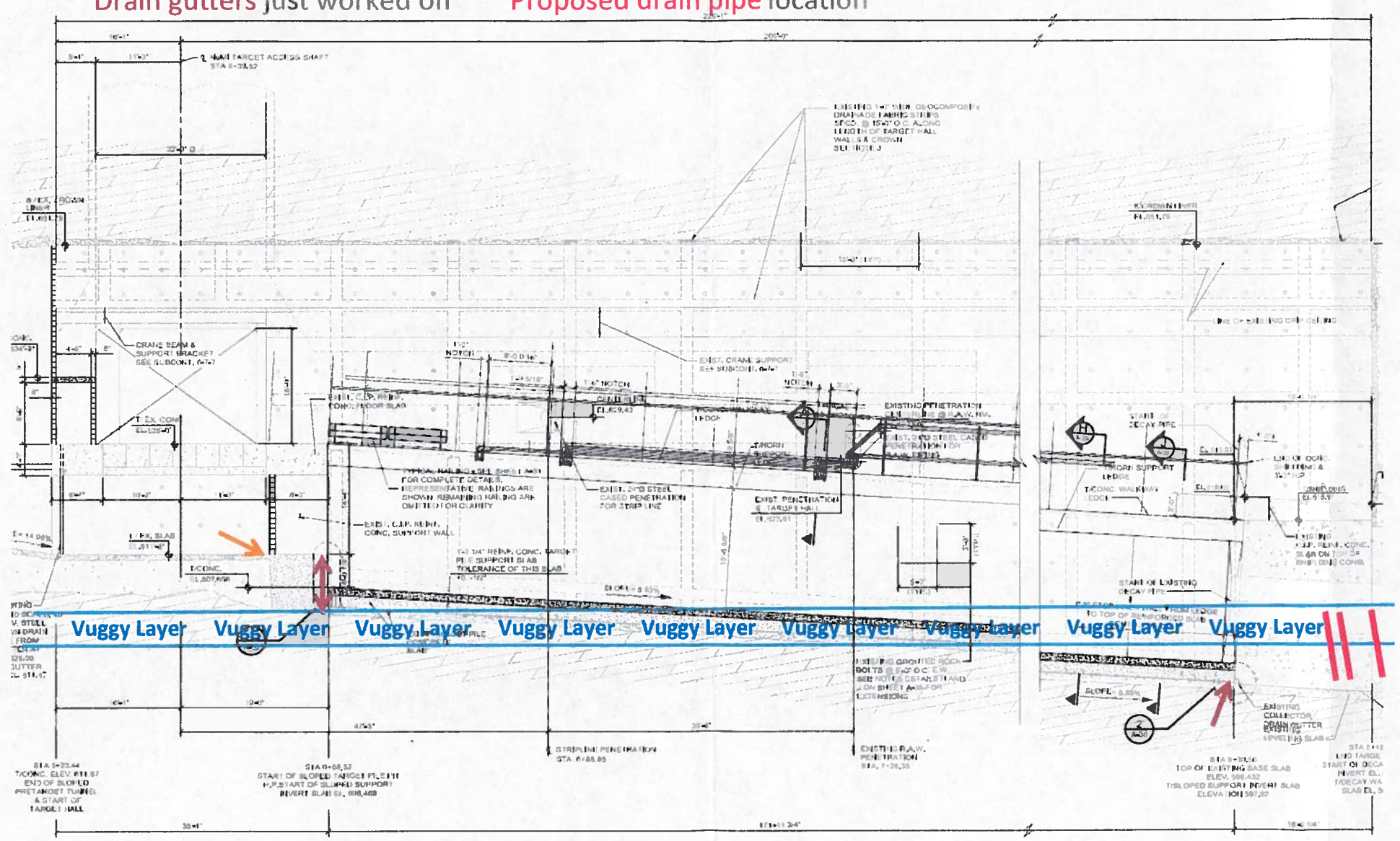
NuMI target hall:

Vuggy Layer of high hydraulic conductivity in rock

Level that water had backed up to before the test wells were sealed

Drain gutters just worked on

Proposed drain pipe location

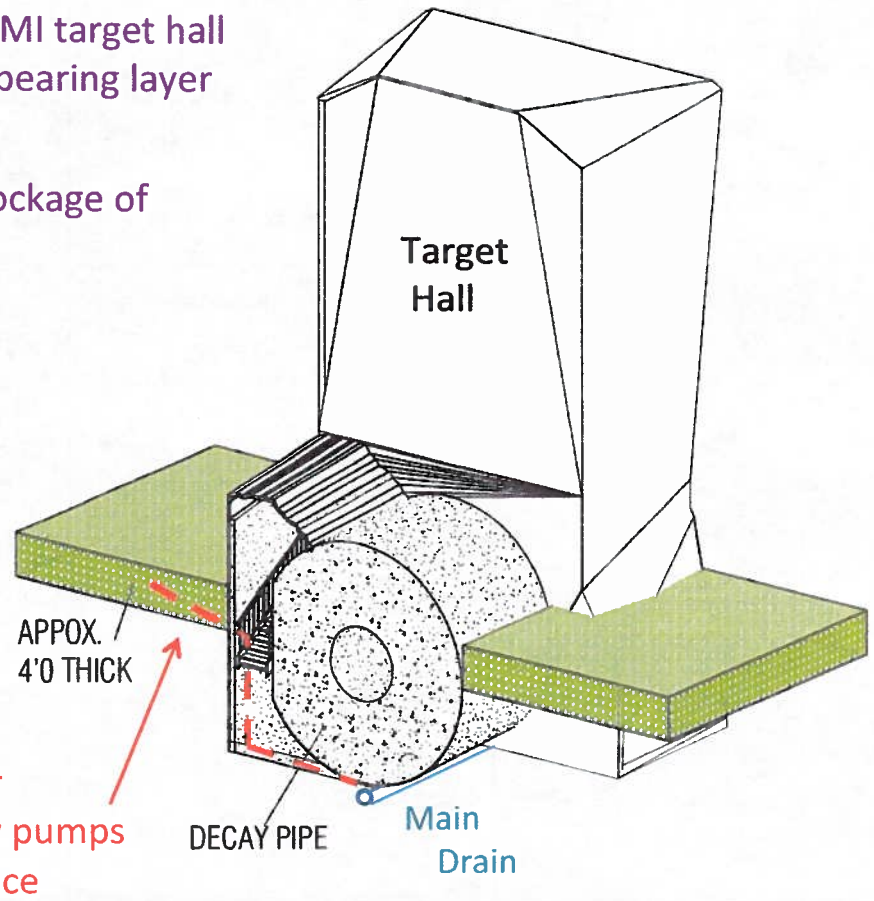


Under consideration for reducing NuMI tritium transport to sump

Reduce water pressure around NuMI target hall by giving drainage path for water-bearing layer

(crudely, compensate for some blockage of drain system)

water-bearing layer that has higher hydraulic conductivity than rest of surrounding rock



Drill a few holes, route water to gutter/sump that already pumps 140 gallon/minute to surface