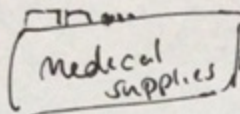
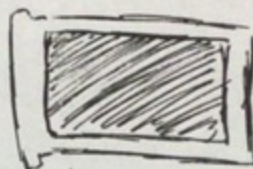


Crew personal
manifest & field
Deployment kit



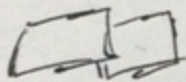
first aid



Individual tablets

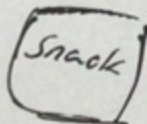


Books

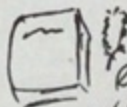


family p.c.s

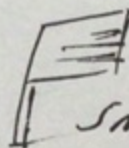
OO
rings



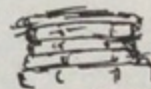
Snack



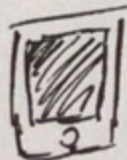
Religious
thing



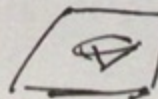
Small flags



clothing



Smartphones



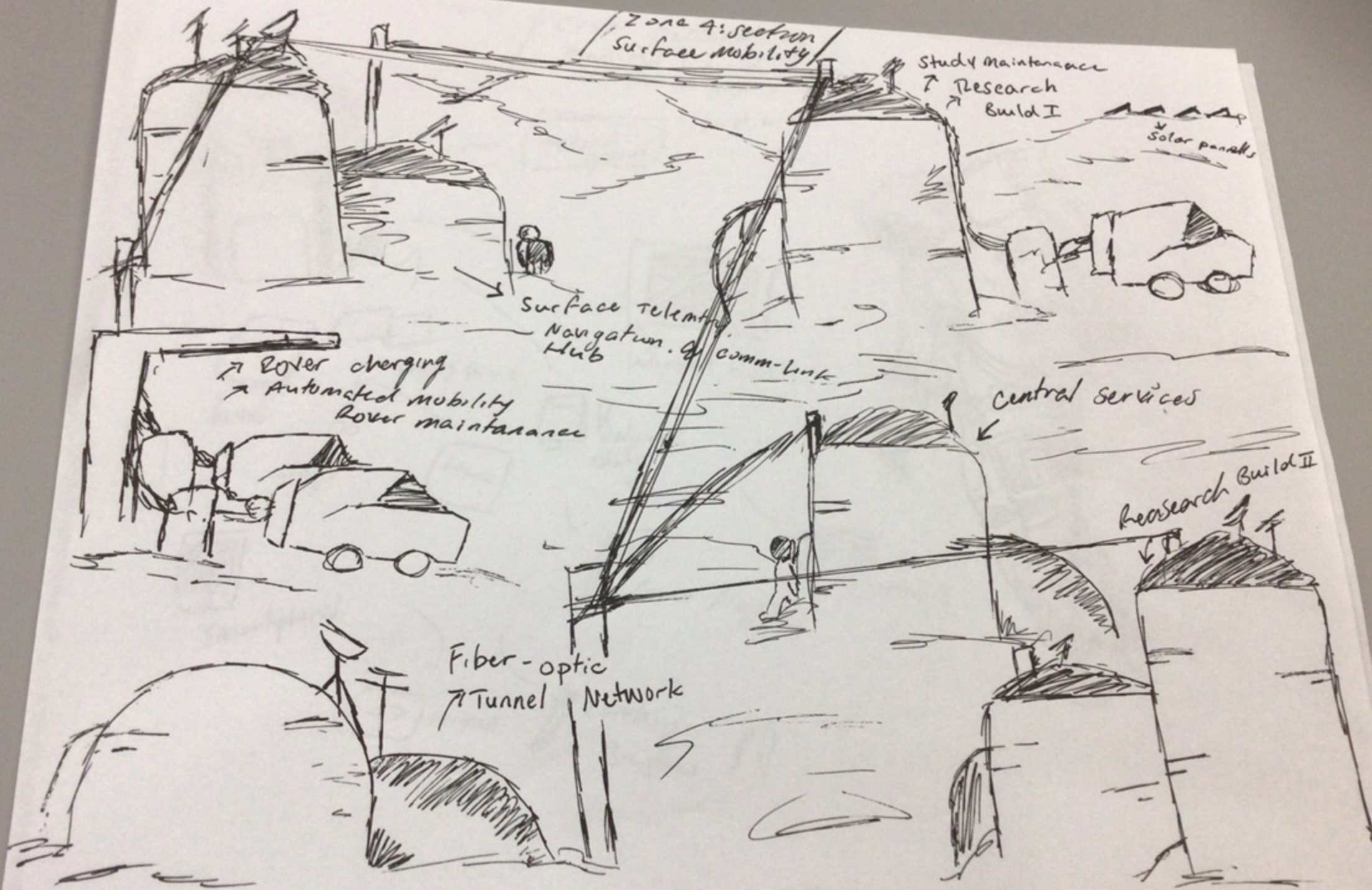
WIPES



combs &
Brushes



Zone 4: seafloor
Surface mobility



(Coa)
Crew
quarters
& cells

Zone 3: section
Crew well-being

Medical operations
& Bio-diagnostics
ward (MedOps)

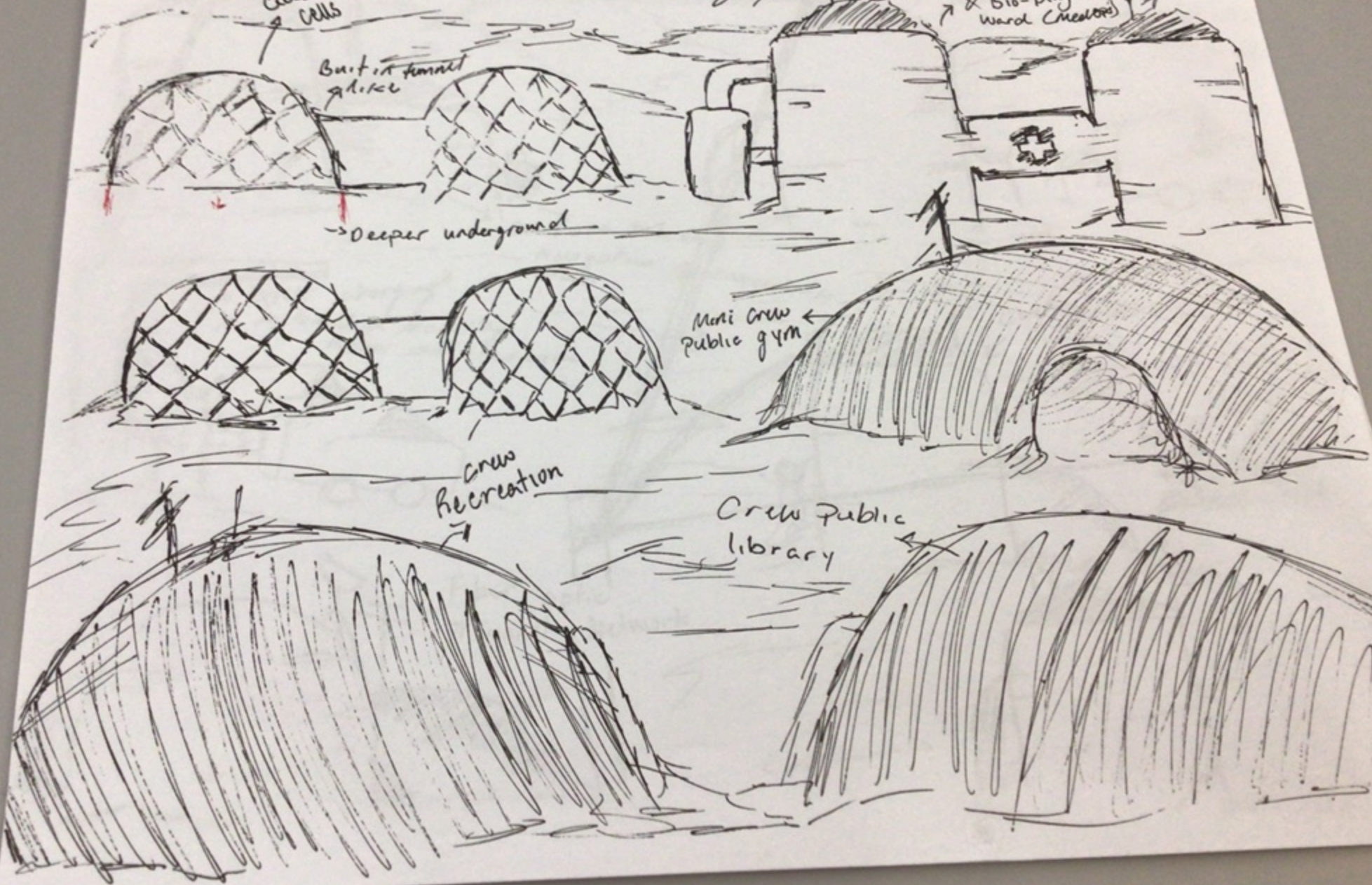
Built in tunnel
glace

→ Deeper underground

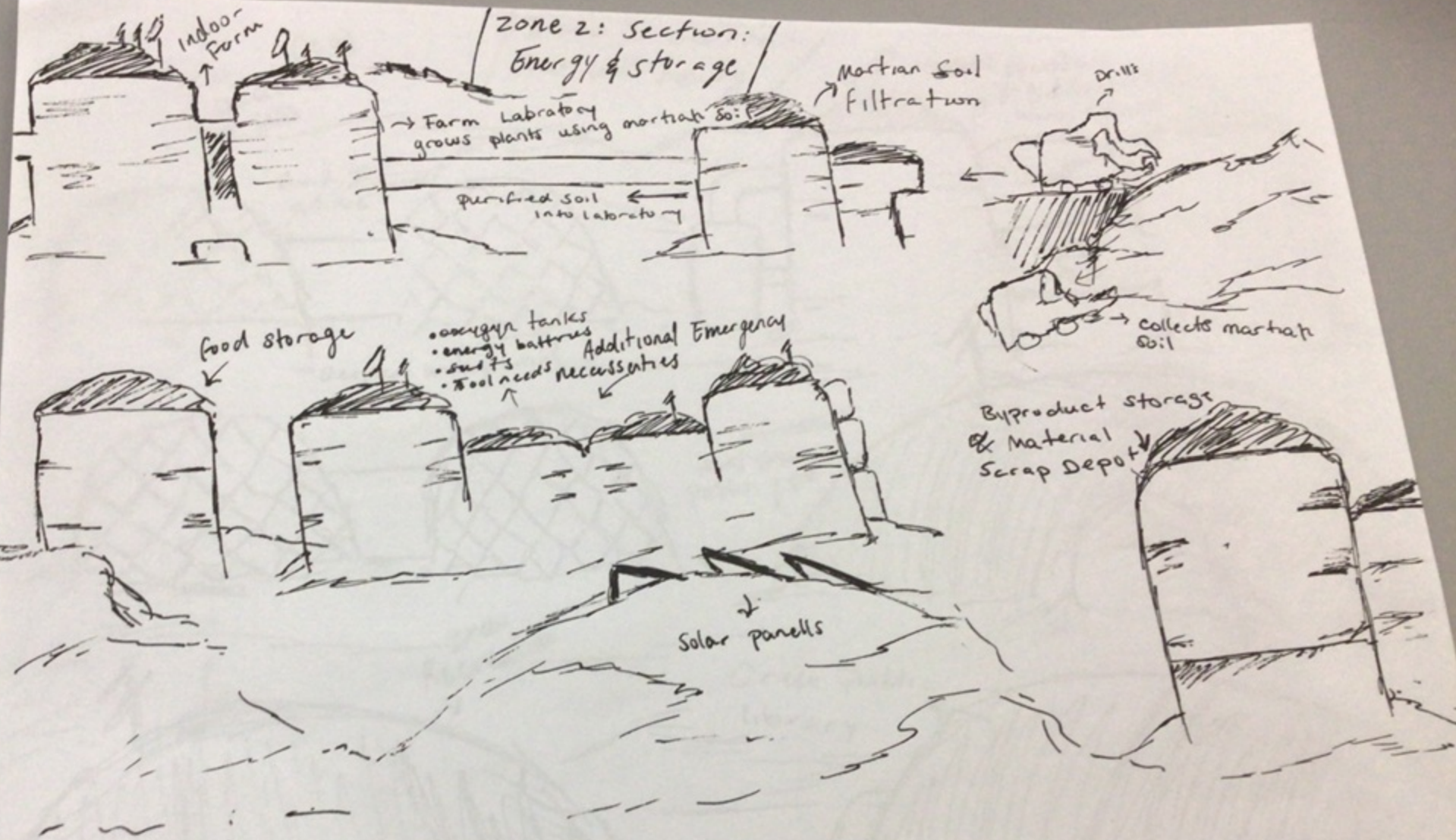
Mini crew
Public gym

Crew
Recreation

Crew Public
library



Zone 2: Section:
Energy & storage



5 year work in advance
Infrastructure

Zone 1: Section
Life Support

Atmosphere processing
module

Nutrient
filtration & Plant
waste

Regolith Blanket
(Martian soil)

CO₂ & Trace gasses
Stable cabin Air Return
Purified O₂

Utilities Trench

Atmosphere
→ condense
return line

Nuclear RTG
Power core

radiato fins
(prevent heat)

Automated Rodriguez
Well thermal drilling

Water filtration
processes

Regolith
shoring
Escalator

closed loop
organic Rankine cycle generator
(CORE)

Water storage S/O

