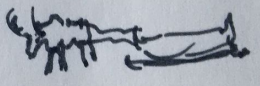
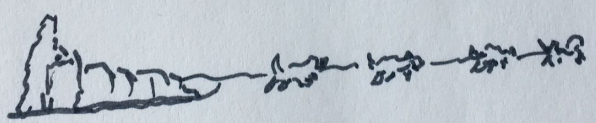
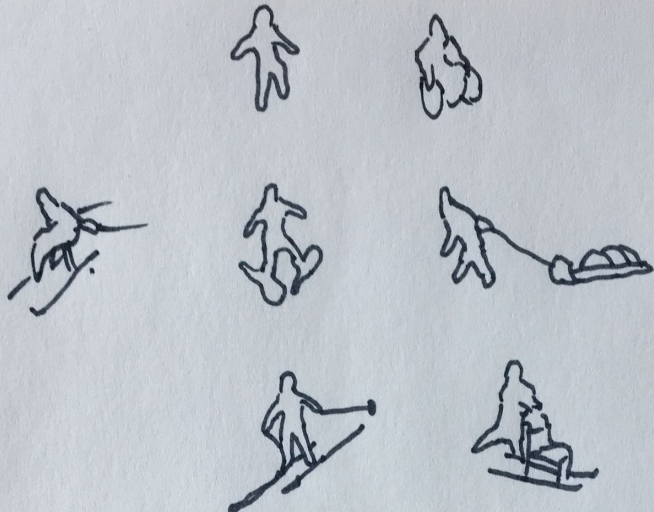


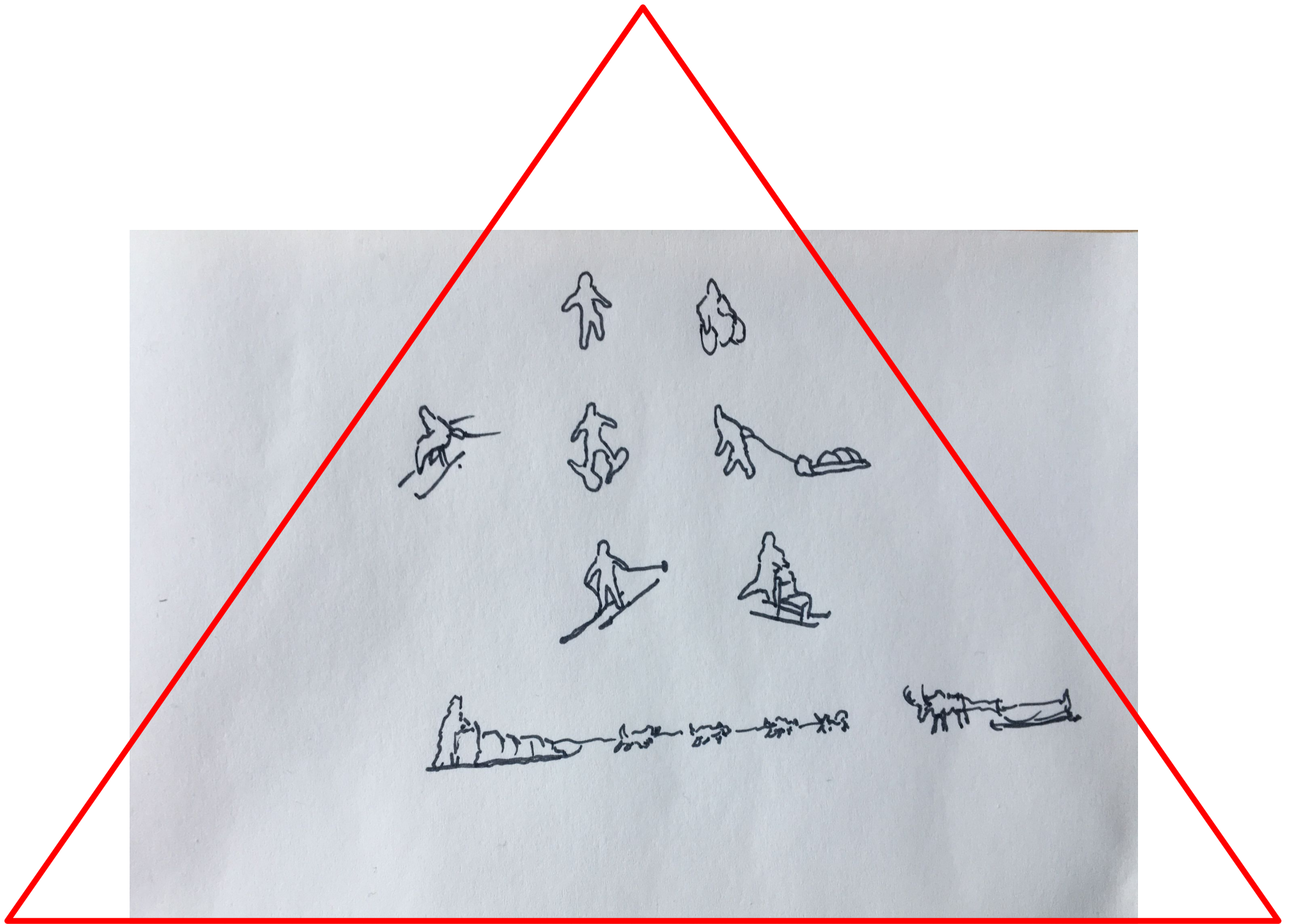
LIVING

DOCUMENT

**CRAFTING A
GLOBAL DESIGN,
MAINTENANCE and
CULTURE SHIFT
GUIDE FOR WINTER
CYCLING**

**CRAFTING A
GLOBAL DESIGN,
MAINTENANCE and
CULTURE SHIFT
GUIDE FOR WINTER
~~CYCLING~~**





GUIDING PRINCIPLES

UDHR

UNDRIP

SDGs

UNFCCC

PARIS

**RIGHTS OF
OTHER
SPECIES?**

THREE LAWS OF ROBOTICS?

**ECONOMIC
EQUITY?**

**WINTER
ITSELF?**

**ANYTHING
ELSE?**

MATERIAL PROPERTIES

SNOW +

ICE +

RIVERS

HILLS

SUN

WIND

BREAKUP

FREEZEUP

WHAT ELSE?

HUMAN BEHAVIOUR

SOCIAL NEEDS

EXPOSURE

DISTANCE

TOLERANCE

TIME

TOLERANCE

JOY

BEAUTY

SEX

FOOD

TIME PRESSURE

PHYSICAL ABILITY

SIGHT

SOUND

TOUCH

SMELL

TASTE

OTHER?

DESIGN BASICS

LINEAR PATHWAYS

URNS

CLIMBS

DESCENTS

INTERSECTIONS

SURFACE TENSION

SURFACE GRIP

SURFACE TRANSITIONS

DRAINAGE

SNOW STORAGE

WHAT ELSE?

MODE

CHARACTERISTICS

CRAWLING

HOBBLING

STUMBLING

WALKING

PROBING

CRAWLING

DRAGGING

SLIDING

JUMPING

RUNNING

SNOWSHOEING

LIGHT

WHEELCHAIR

HEAVY

WHEELCHAIR

SKICHAIR

**DOWNHILL
SKICHAIR**

SNOWSHOEING

TOBAGGANING

LIGHT SLEDDING

HEAVY SLEDDING

QAMUTIİK

SKI SLEDDING

KICKSLEDDING

CARIBOU SLEDDING

DOG

SLEDDING

**INTERESTING
STUFF:**

**GLOBAL
WINTER
DESIGN
“ZONES”**

**INDOOR
OUTDOOR
SKI-CHAIR
TRANSITIONS**

**URBAN SKATING
ROAD
TRANSITIONS**

**AUTOMATIC
SNOWCLEARING
NETWORK
DESIGN**

NEXT STEPS