

SECRET/NOFORN

PROJECT SUN STREAK

WARNING NOTICE: INTELLIGENCE SOURCES AND METHODS INVOLVED

PROJECT NUMBER: S4 TRNG 732

SESSION NUMBER: 1

DATE OF SESSION: 881025

DATE OF REPORT: 881028

START: 1030

END: 1200

METHODOLOGY: CRV

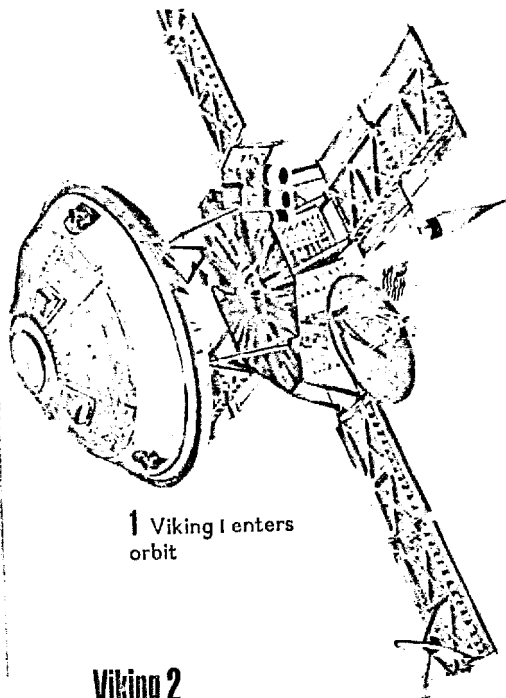
VIEWER IDENTIFIER: 032

1. (S/NF/SK) MISSION: Access and describe in a stage one sense training target # 0222, Viking Lander, Mars.
2. (S/NF/SK) VIEWER TASKING: Encrypted coordinates 022204/881025.
3. (S/NF/SK) COMMENTS: Stages 1-3 were executed perfectly. The first part of stage 4 and all the S-2s, and Dimensionals in stage 4 were perfect. In the T and I columns, 032 went into AOL drive. As in the previous sessions, I did not tell him he was in drive, but rather tried to move him to a new location, in hopes that the move would jar him out of it. He has learned something from these two AOL sessions, but because he is still experiencing trouble in identifying AOL from true data, in the next few sessions if he does not declare an AOL as such I will point it out to him thus providing immediate feedback. *je*
4. EVALUATION: 2. *(circled)*

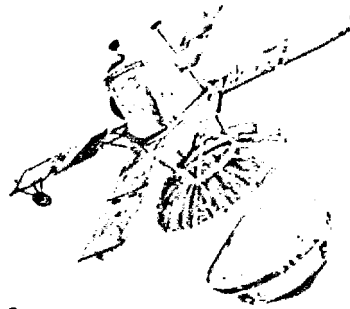
HANDLE VIA SKEET CHANNELS ONLY
SPECIAL ACCESS REQUIRED

SECRET/NOFORN

CLASSIFIED BY: DIA (DT)
DECLASSIFY ON: OADR



1 Viking 1 enters orbit



2 Orbiter releases lander inside aeroshell



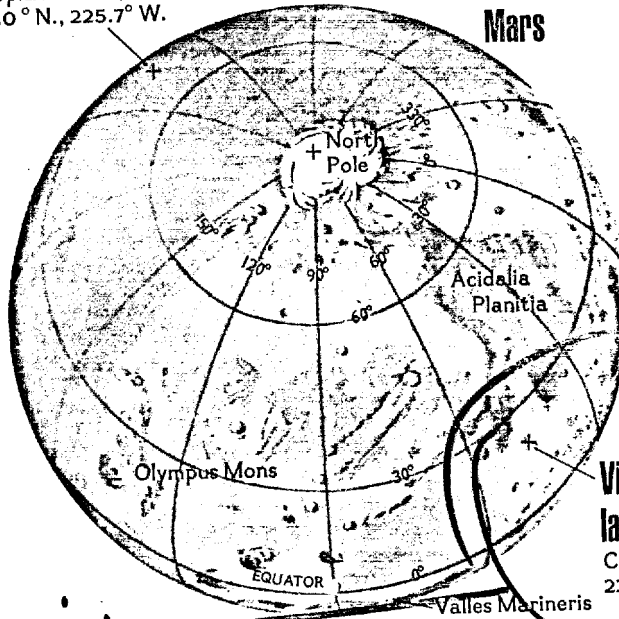
Ferry mission complete, the orbiter will continue to circle Mars, snapping high-resolution photographs of the planet's surface for up to two years.



3 Lander flips over; de-orbit engines fire

Viking 2 landing site

Utopia Planitia, 48.0° N., 225.7° W.



Mars

4 Entry into the Martian atmosphere



5 Parachute deploys and aeroshell shield jettisons at 19,400 feet



6 Terminal-descent engines fire at 4,600 feet

Viking 1 landing site

Chryse Planitia, 22.4° N., 48.0° W.

6 Terminal-descent engines fire at 4,600 feet

7 The landing

VIKING I

"We have touchdown!"

TO ENTER ORBIT, Viking 1 fires its braking engine (1). Landing-site safety check complete, the orbiter releases the lander, cocooned in a saucerlike, protective aeroshell (2). Since it takes as long as 22 minutes for a radio signal to reach Mars from earth, a computer in the lander masterminds the landing sequence.

First, it ignites the de-orbit engines that nudge

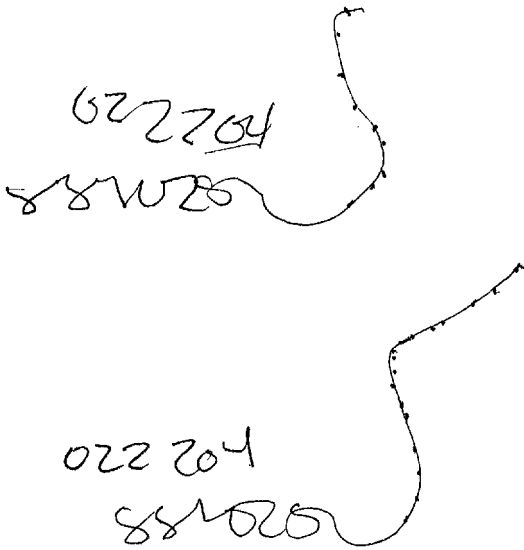
the aeroshell out of orbit and into a landing trajectory (3). As the aeroshell plunges into the Martian atmosphere, frictional temperatures up to 1,500° Celsius (2,730° F.) scar the ablative shield (4). When the aeroshell has slowed to less than 600 miles an hour, the computer deploys a parachute for further braking and jettisons the protective shield (5). Later, the parachute is released.

Terminal-descent engines (6) slow the lander to five mph and triumphant touchdown (7).

PAINTING BY PIERRE MION

AD - NONE
BI - Yes
CONGESTION.

25 OCT 88
1030L

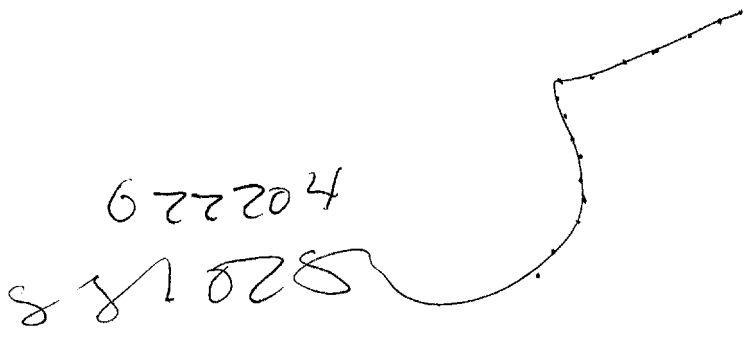


- A. RISING up - angle
BACK & ACROSS
Hard - MM
- B. STRUCTURE

- A. up - angle
ACROSS - INCLINE
up.
Hard - MM
- B. STRUCTURE

SZ
 Pale Blue
 white
 Tan.
 silver
 Rough
 lines
 powdery
 TAPPED,
 COIN
 clean
 smell
 BARK
 waxy
 flat
 lines
 tall
 Heavy
 thick
 sharp.

AOB BREAK -
UTAH VALLEY
Su sketch



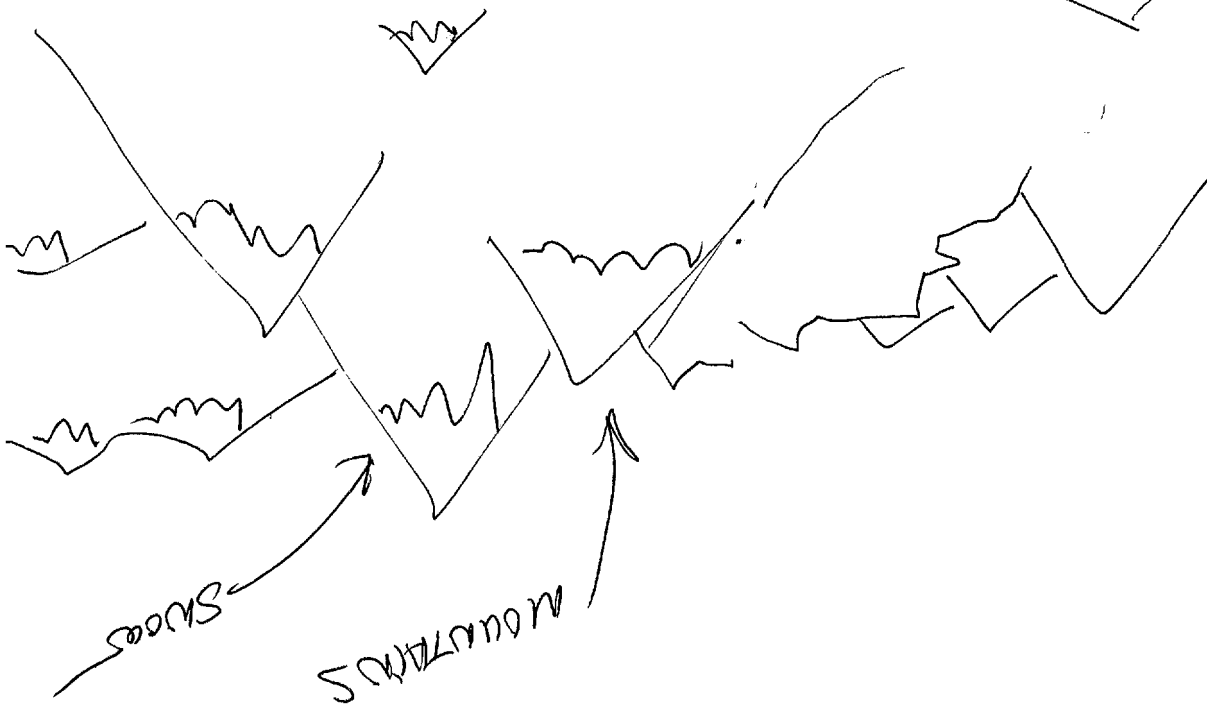
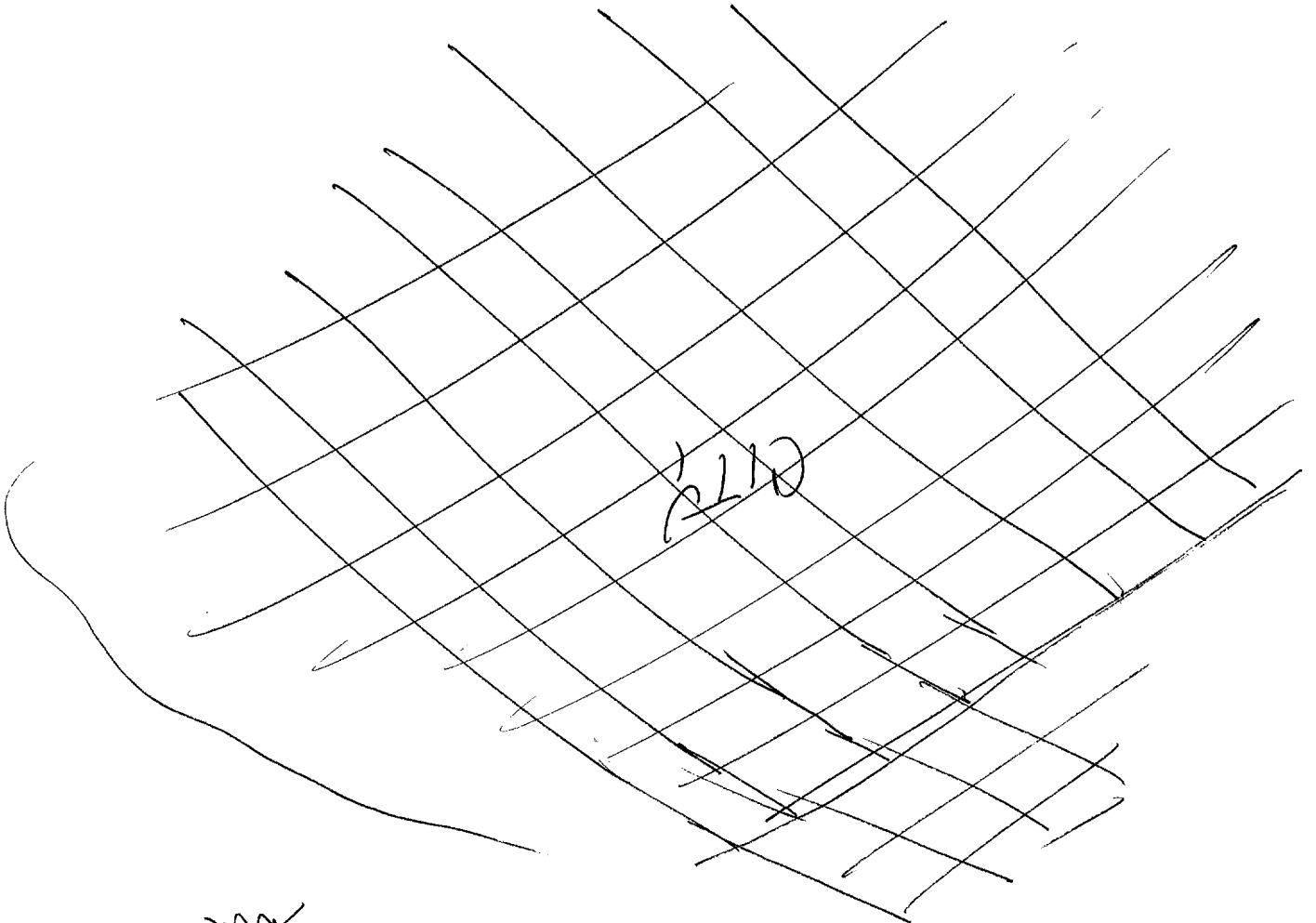
622204

820188

- A. up - angle
ACROSS -
Incline up
Hard - man
- B. STRUCTURE

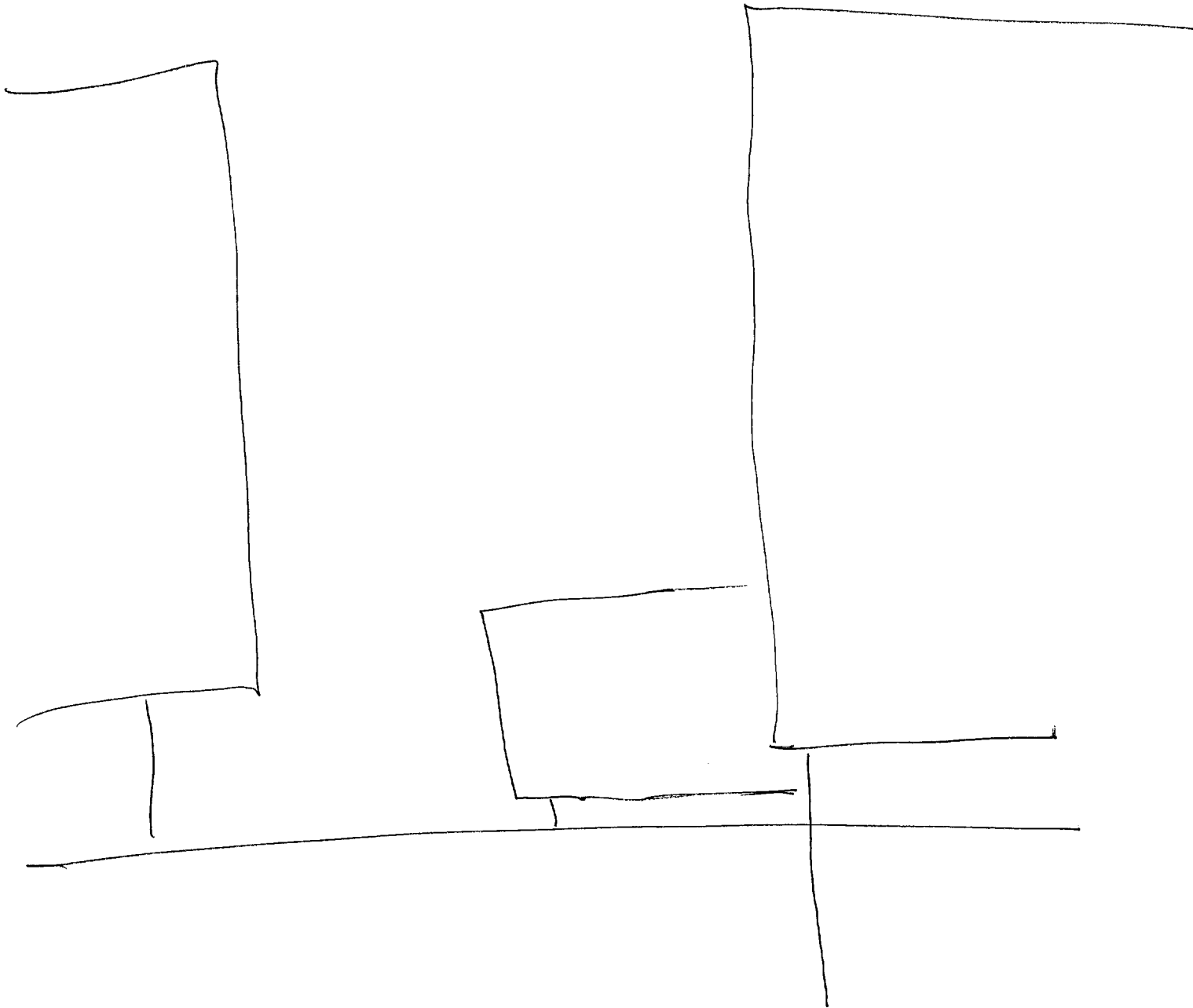
- SZ
- White
- Grey
- Blue
- Silver
- Black
- TAN
- green
- Brown
- Rough
- Sandy Rough
- Thin
- Smooth
- Old
- Cool
- Mist
- Steady
- Bellow
- Vertical
- Horizontal
- diagonal
- step vertical
- Flat

AOB Break
Spencer's dict.



Page 4

AOL sketch



022 204
881028

A. up - angle
ACROSS

Hard - MM

B. STRUCTURE

Brick

Resume

0222 34
881025

A. up - angle
ACROSS

Hard - MM

B. STRUCTURE

SZ
Reel
Macro
Vertical
Sharp
Step
Flat
Horizontal
Thick
Discol
Humy
Aire

02.

022204

881028

S2

air
DRAGON

vertical

lines

crosses

S4

sharp

lines

heavy

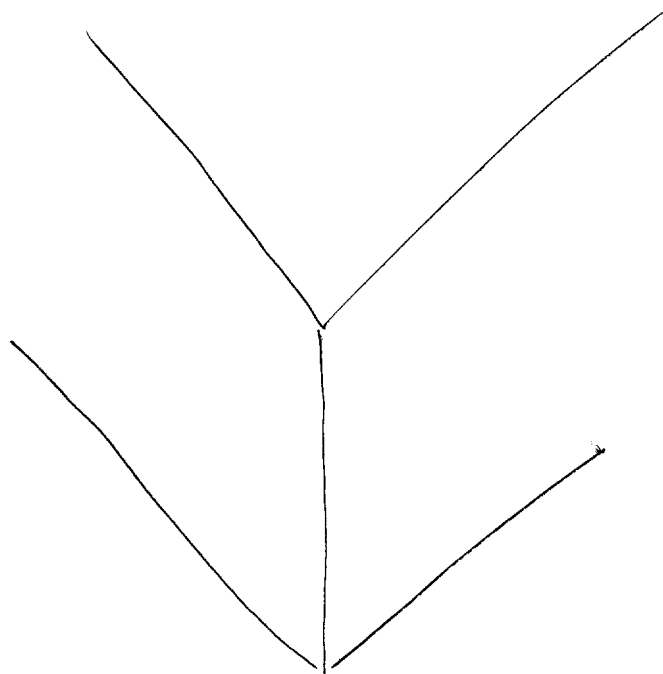
A. up - angle
crosses

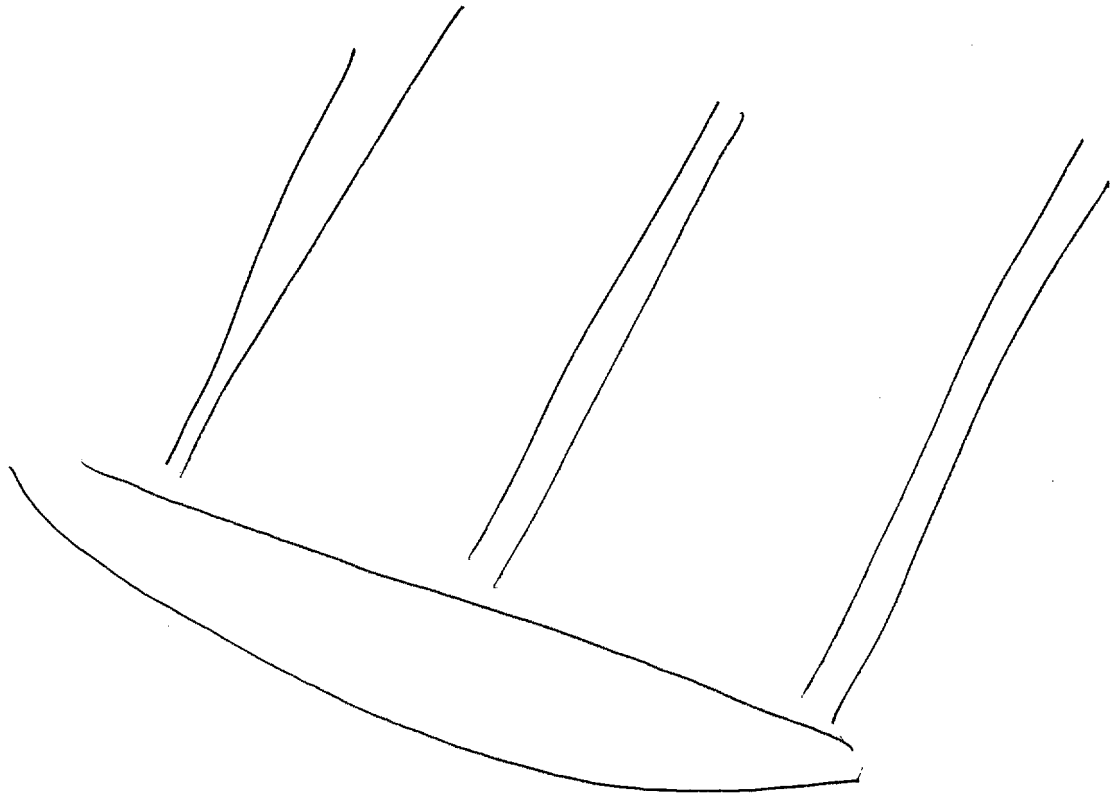
hard - mm

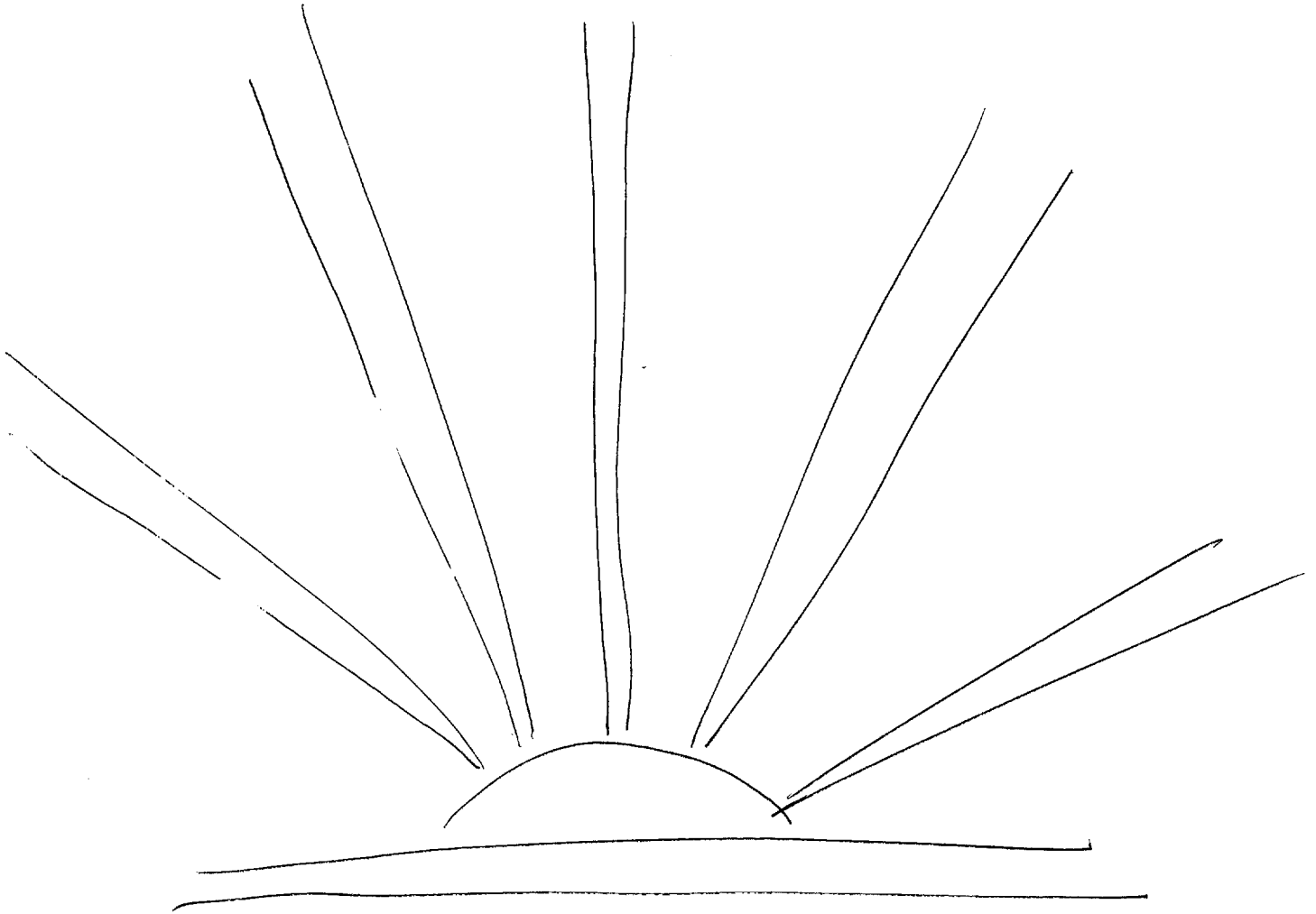
B. structure

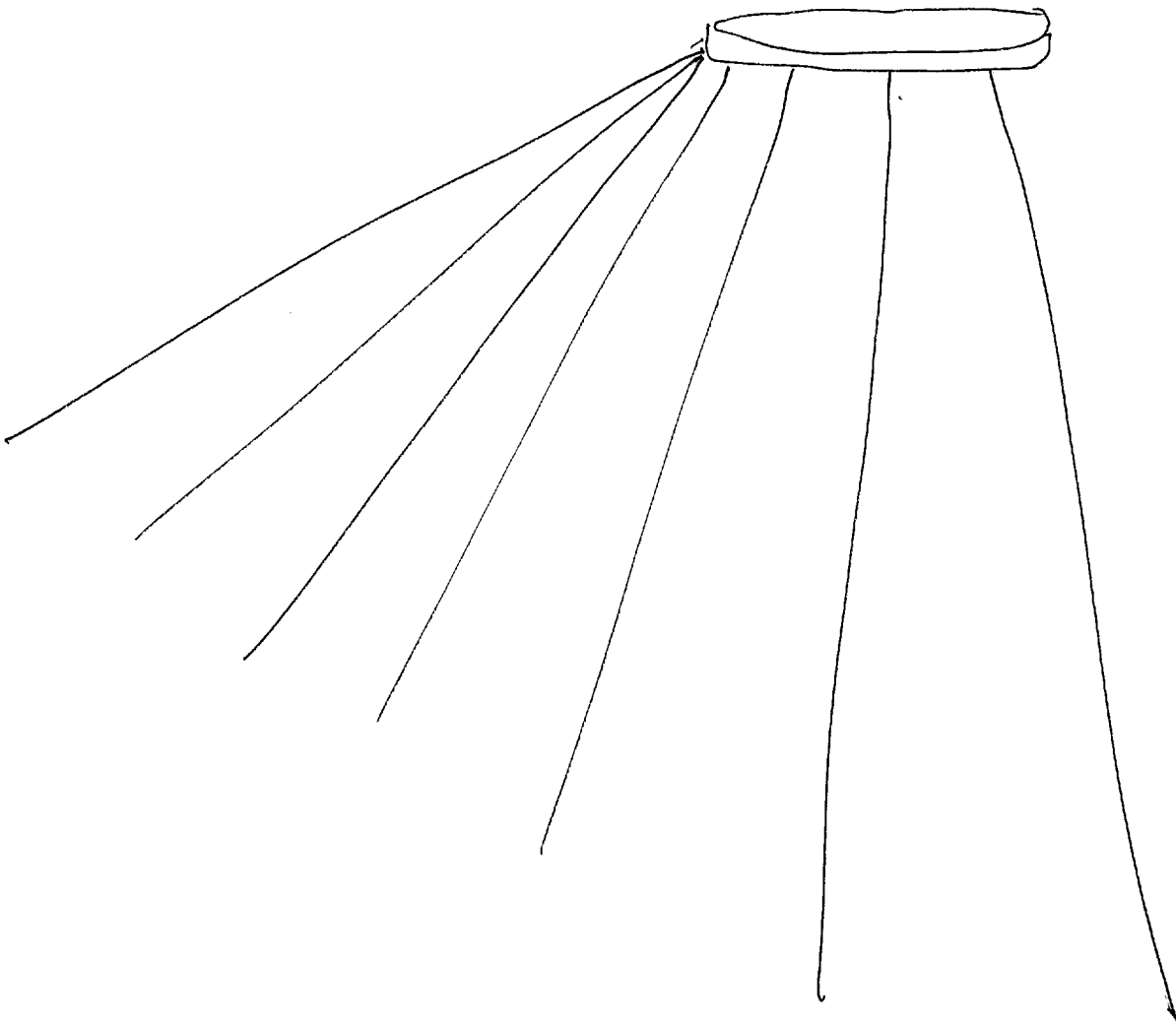
AI - Bush
feels like I'm
floating - vertigo
Agon.

Page 7



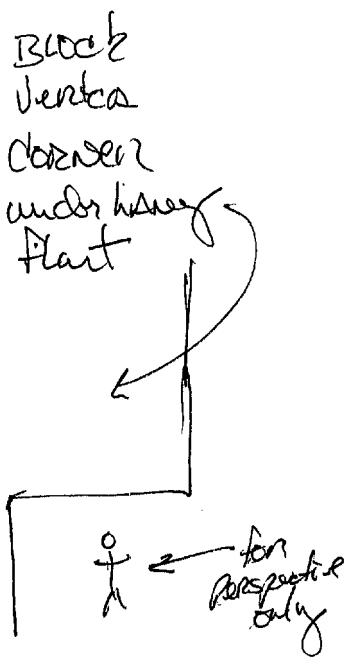






SZ D AI EI T I AOC A/S

White



Rough
insulated
feature

MASQUAR?

Brown
white
gum

flat
sandy
rocky

Peppled
smooth
~~flat~~

flat

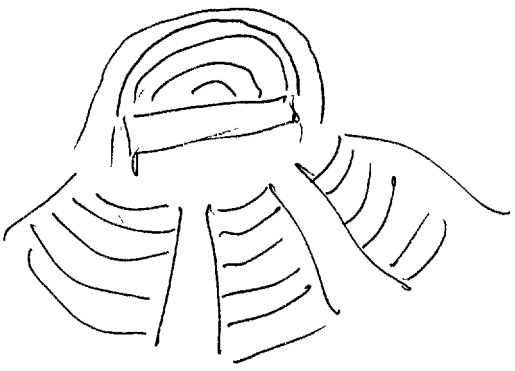
Shard
white
smooth
glassy

vertical
Arch
new

culhwa
HWA
JRW

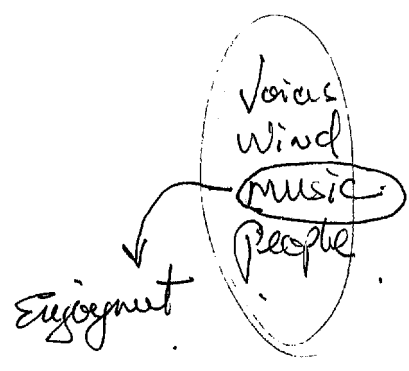
SZ D AI EI T I AOL AS

[100' up]



steps
fan
shape
lines

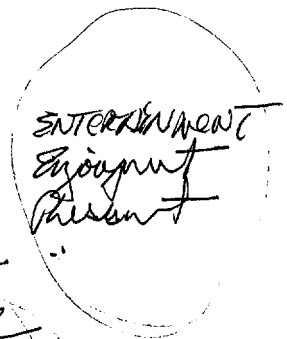
circulated
rough
smooth



[100' up]

dome
dome
away
peaking

modern
old



~~Modern~~
~~old~~
STAGE

[1000' up]

Ripped
lines
blue
white

cube
square
thin
shell
fan
long

3 or 4 strus
high

small
parts

dropping
off

flat

Rising
up

step
in distance



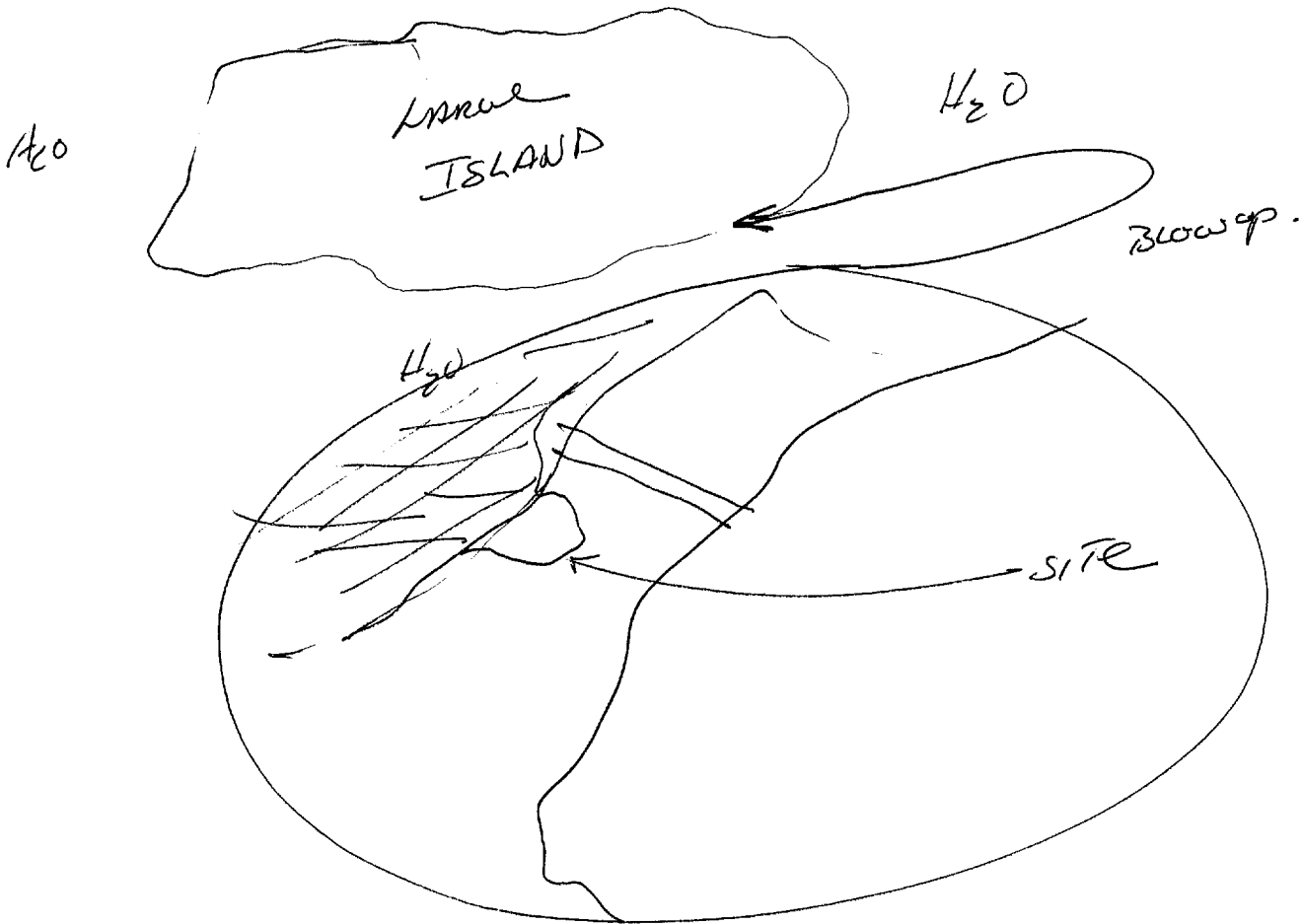
Page 14

SZ D AI EI T I AOL AS

{INSIDE}

Desk
tear
room
office
glass
Administration

{from 40 mts up - something possible}



* Southern Hemisphere

SIDNEY

SI D NE - SIDANEY