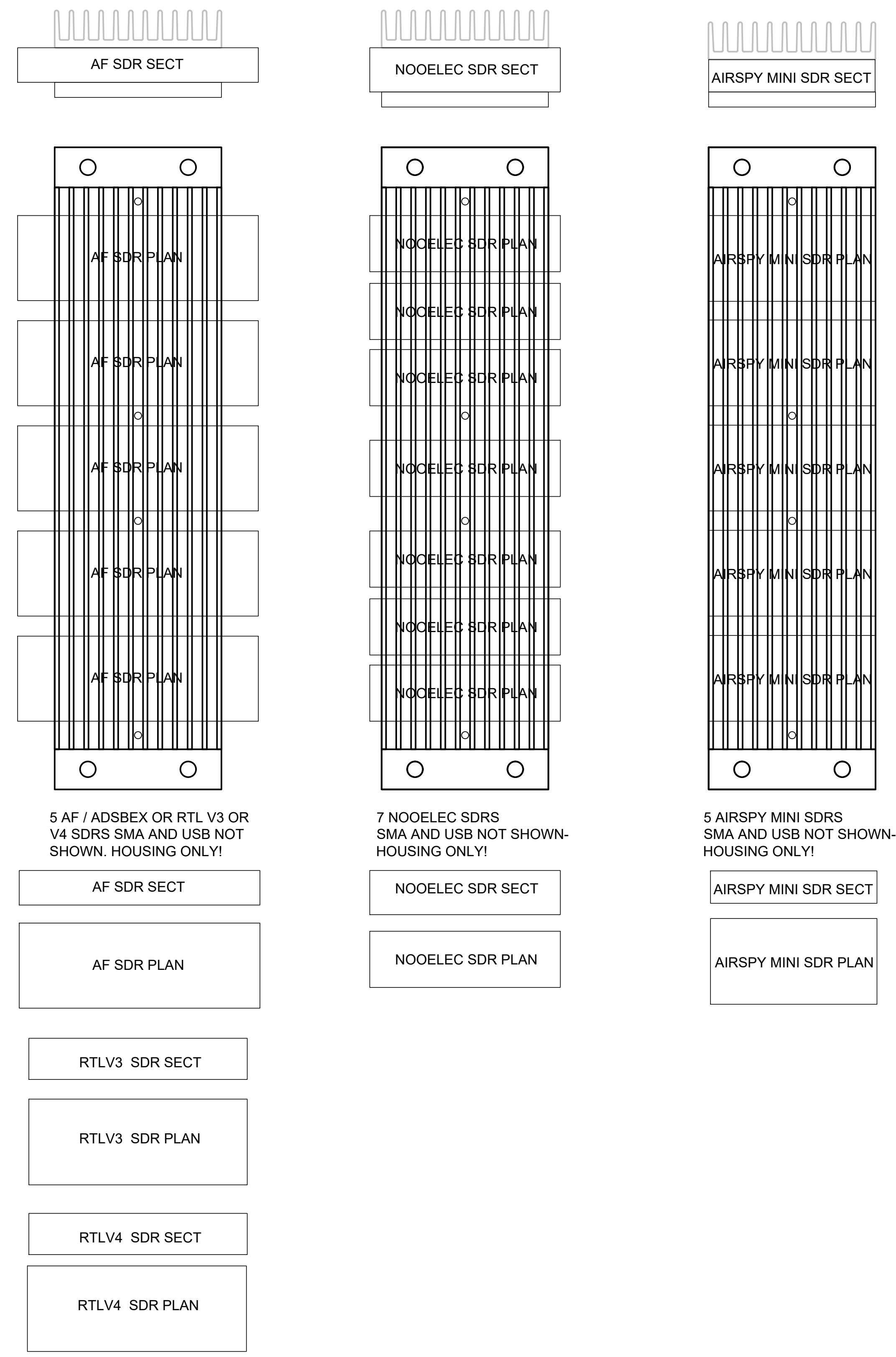


1 FABRICATION DETAILS
H1 1"=1"



2 TYPICAL SDR USES
H1 1"=1"

DATE: 12/20/2023
REVISION NOTES:
1. CHANGED BASE PLATE TO 6061 -T6
2. ERRATA
3. YOU DO READ SHIT RIGHT?
4. RELEASED FOR PRODUCTION

DATE: 12/22/2023
REVISION NOTES:
1. ADDED PARTS AND ASSEMBLY NOTES
2. ERRATA
3. THREE IS THE NUMBER YE SHALL COUNT TO. NO MORE NOR LESS

SUPPLIED PARTS:
1. 2.079 HEATSINK (1)
2. BASEPLATE (1)
3. 4-40 SS MACHINE SCREWS (5)

OPTIONAL PARTS:
1. DIN RAIL CLIPS AND 8" DIN RAIL
2. 10-32 RACK MOUNT SCREWS (2)
3. 40 MM 12 VDC FAN AND SCREWS
4. 40 MM 5 VDC FAN AND SCREWS
5. ADHESIVE RUBBER FEET (4)

ASSEMBLY NOTES:
1. APPLY A SMALL DAB OF HIGH DENSITY POLYSYNTHETIC SILVER THERMAL COMPOUND TO BOTH SIDES OF THE SDRS BEFORE ASSEMBLY
2. BECAUSE SS AND ALUMINUM CAN BIND, THE HILL PEOPLE STRONGLY RECOMMEND USE OF ANTI-SIEZE COMPOUND ON THE SCREW THREADS
3. LOAD SDRS INTO HROTHGAR FROM THE CENTER OUT
4. TIGHTEN CENTER SCREWS FIRST JUST ENOUGH TO LINE UP THE SDRS
5. CONTINUE LOADING SDRS AND SCREWS
6. TIGHTEN ALL SCREWS EVENLY AND JUST ENOUGH TO KEEP THE SDRS HELD IN PLACE. DO NOT OVERTIGHTEN!

PROJECT NAME:
LOTHAR OF THE HILL PEOPLE
OBO
AIRFRAMES.IO
AND
AIRPLANES.LIVE

PROJECT NO.:
HROTHGAR THE HEATSINK

SCALE:
1"=1" UON

TITLE:
HROTHGAR THE HEATSINK
FABRICATION AND TYPICAL SDR
MOUNTING APPLICATION

SHEET:
H1