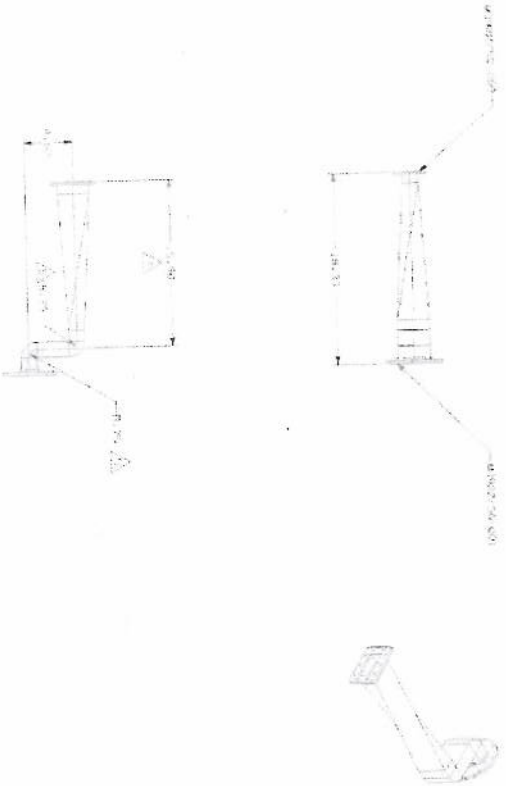
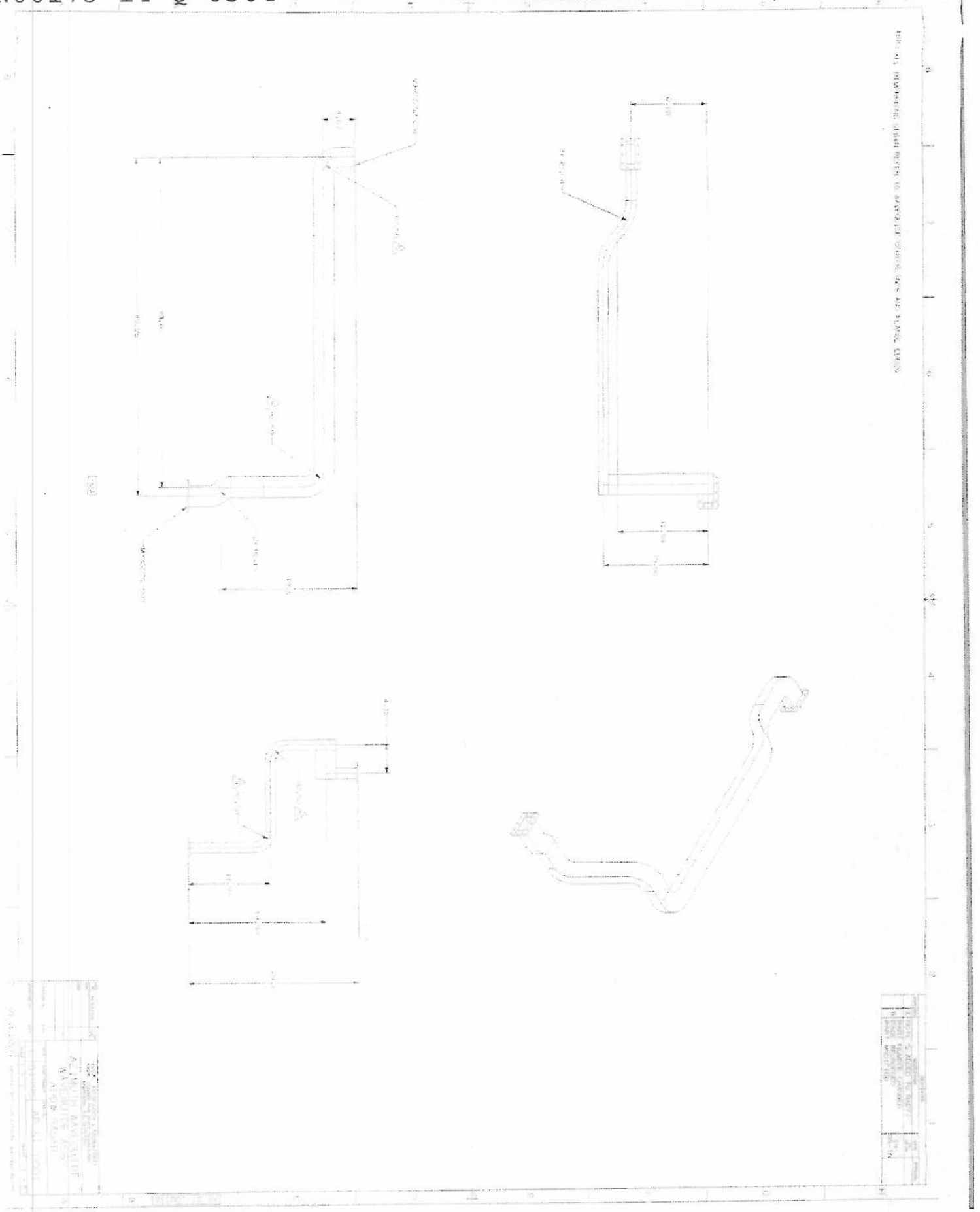
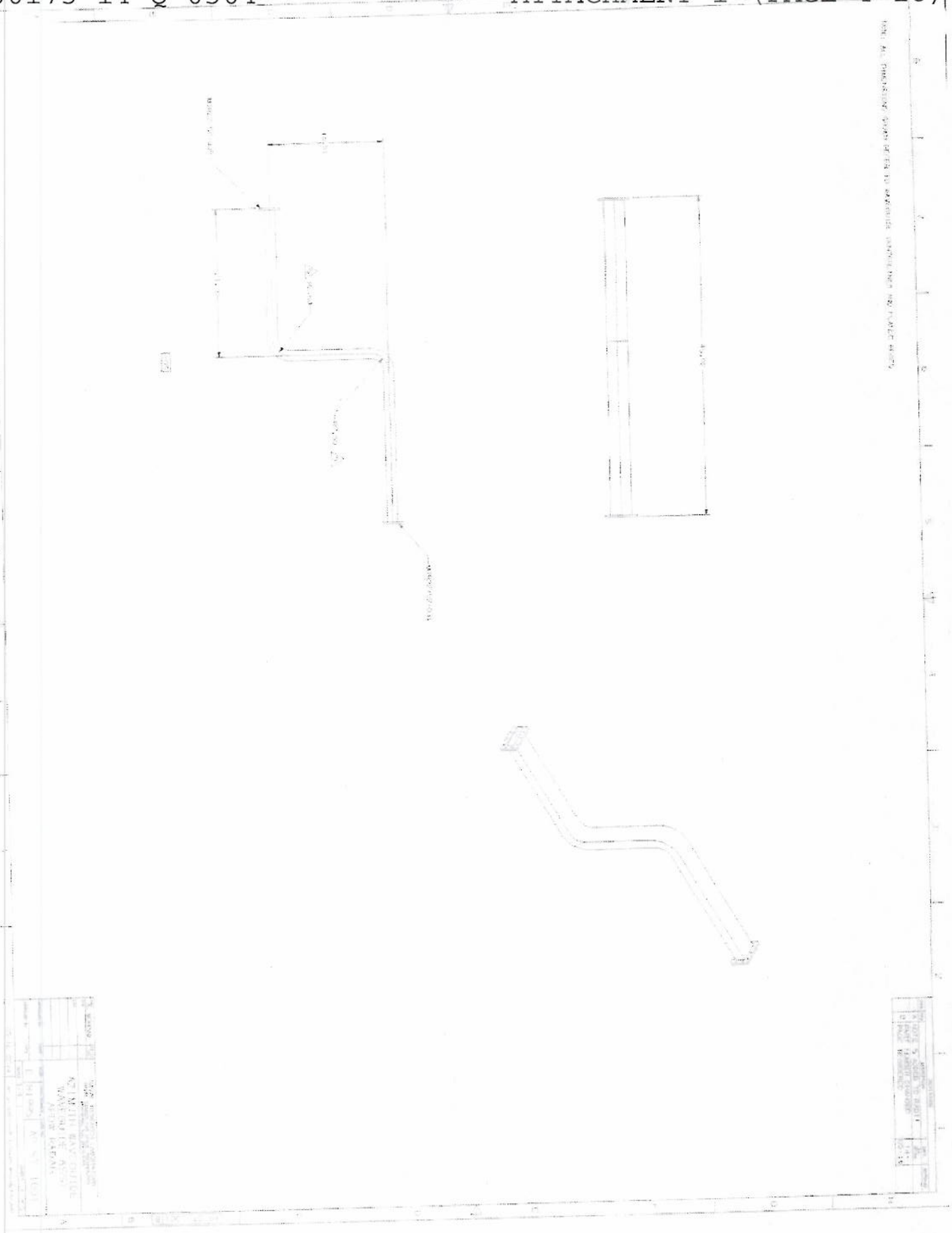
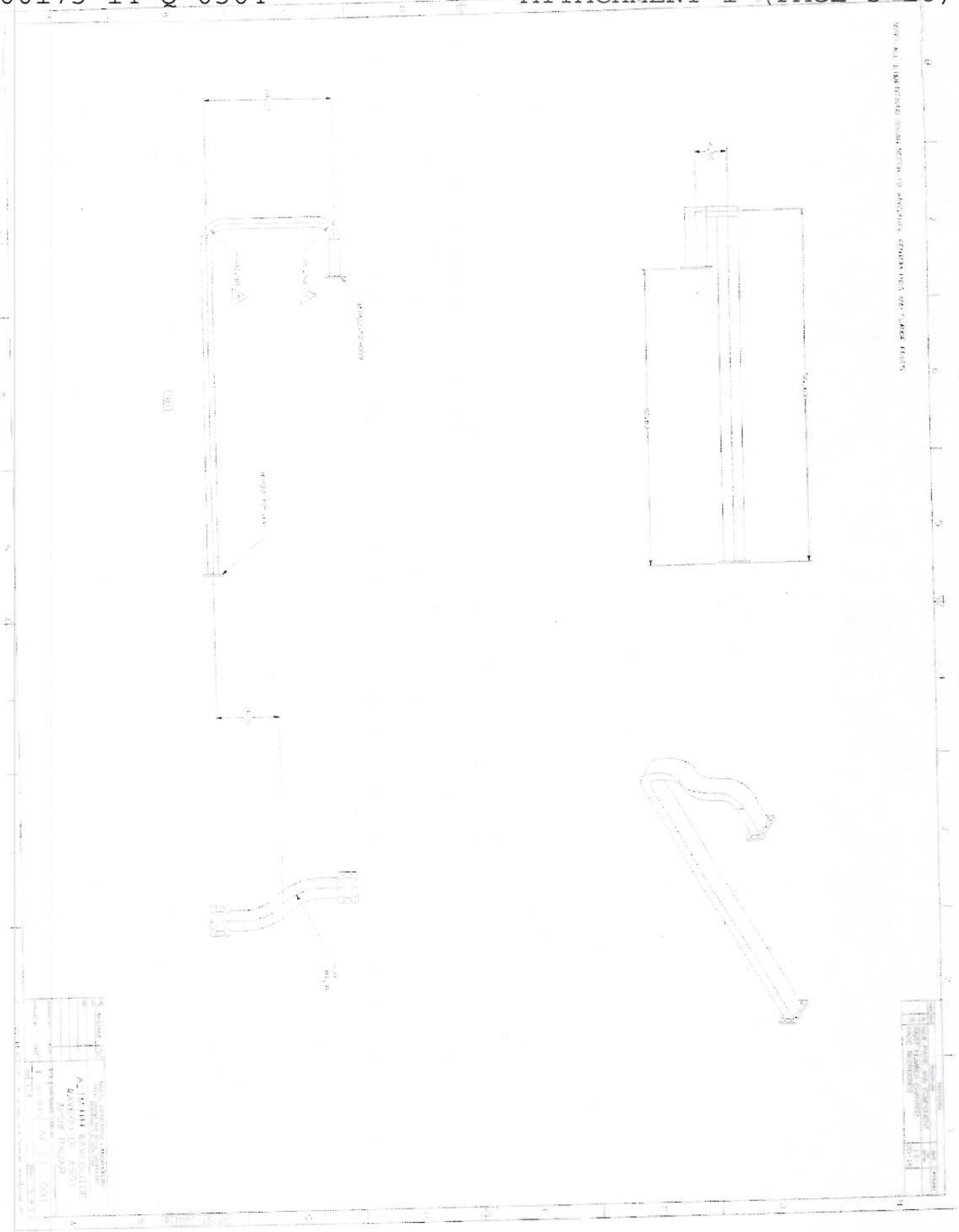
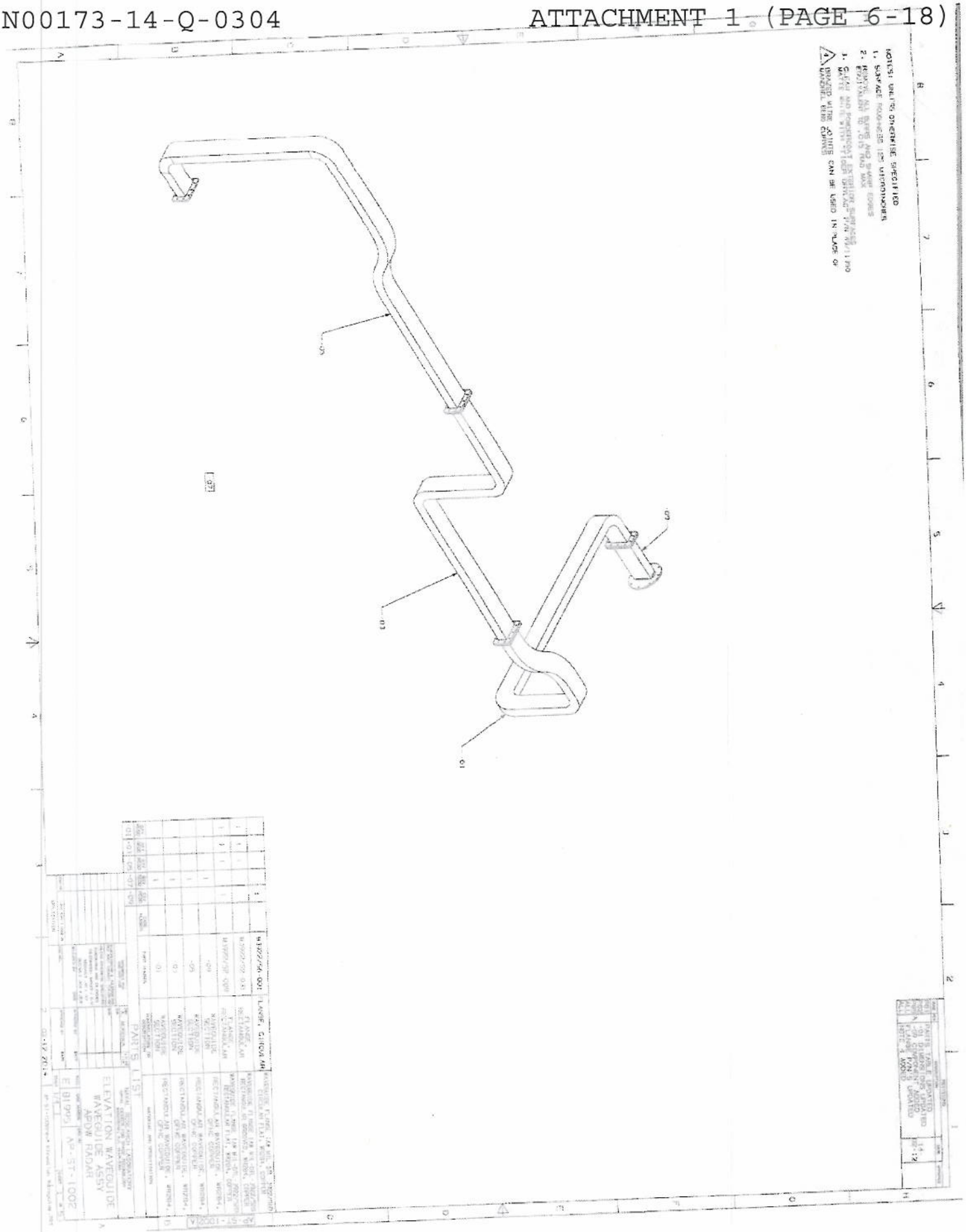
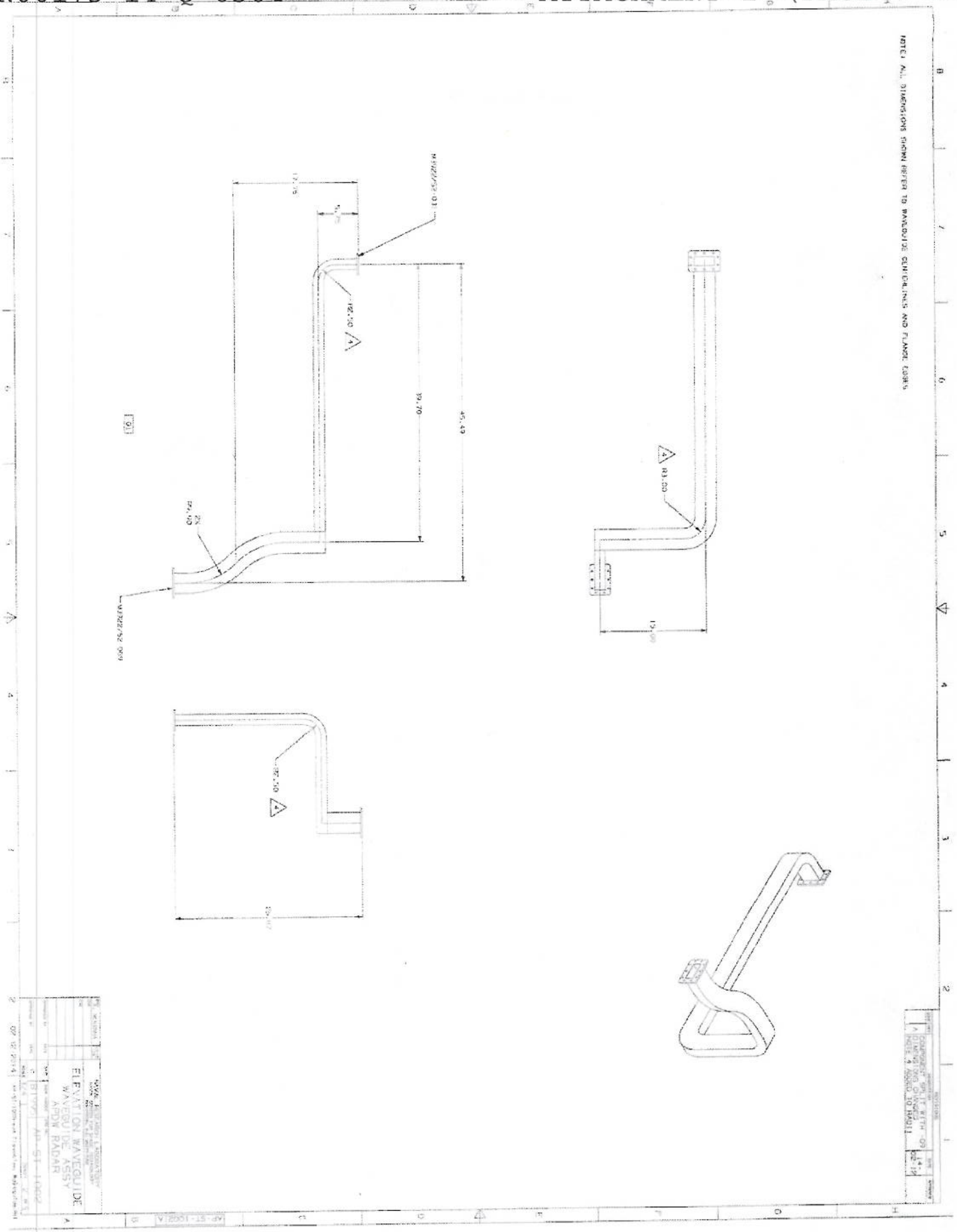


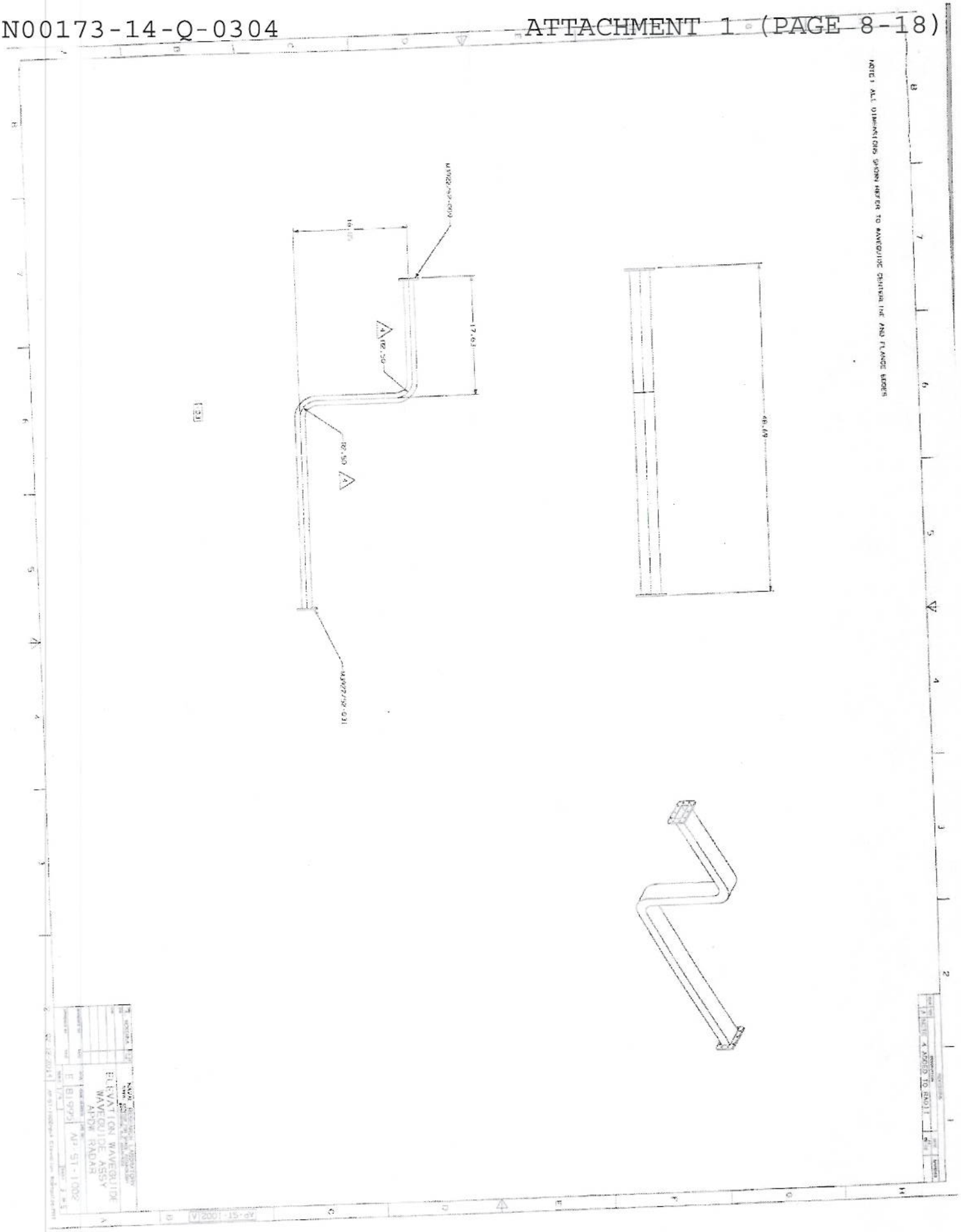


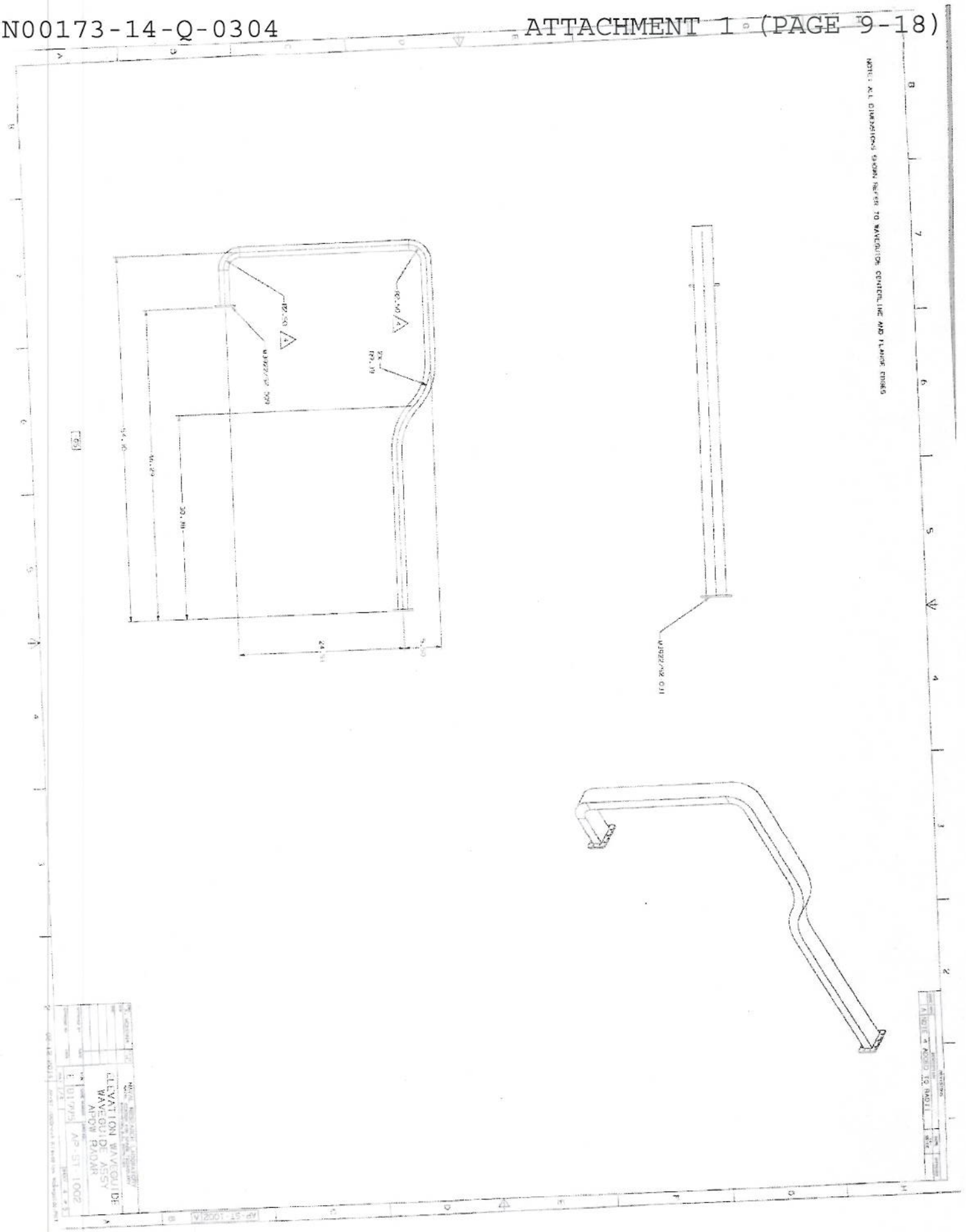





NOTES: UNLESS OTHERWISE SPECIFIED
1. SURFACE ROUGHNESS 125 MICROINCHES
2. REMOVE ALL BURRS AND SHARP EDGES EQUIVALENT TO .015 RAD MAX
3. CLEAN AND PROCESSOR EXTERIOR SURFACES MATTE WHITE WITH "TIGER DRYLAC" P/N 49/11190
4. BRAZED WIRE JOINTS CAN BE USED IN PLACE OF MANDREL BEND CURVES
PARTS LIST
ELEVATION WAVEGUIDE
WAVEGUIDE ASSY
APDW RADAR
AP-ST-1002


NOTES: ALL DIMENSIONS SHOWN REFER TO WAVEGUIDE CENTERLINES AND FLANGE EDGES
ELEVATION WAVEGUIDE ASSY
APDW RADAR


NOTE: ALL DIMENSIONS SHOWN REFER TO WAVEGUIDE CENTERLINE AND FLANGE EDGES
17.63
48.69
ELEVATION WAVEGUIDE
WAVEGUIDE ASSY
APDR RADAR
AP-ST-1002
NOTE 4 ADDED TO RADIT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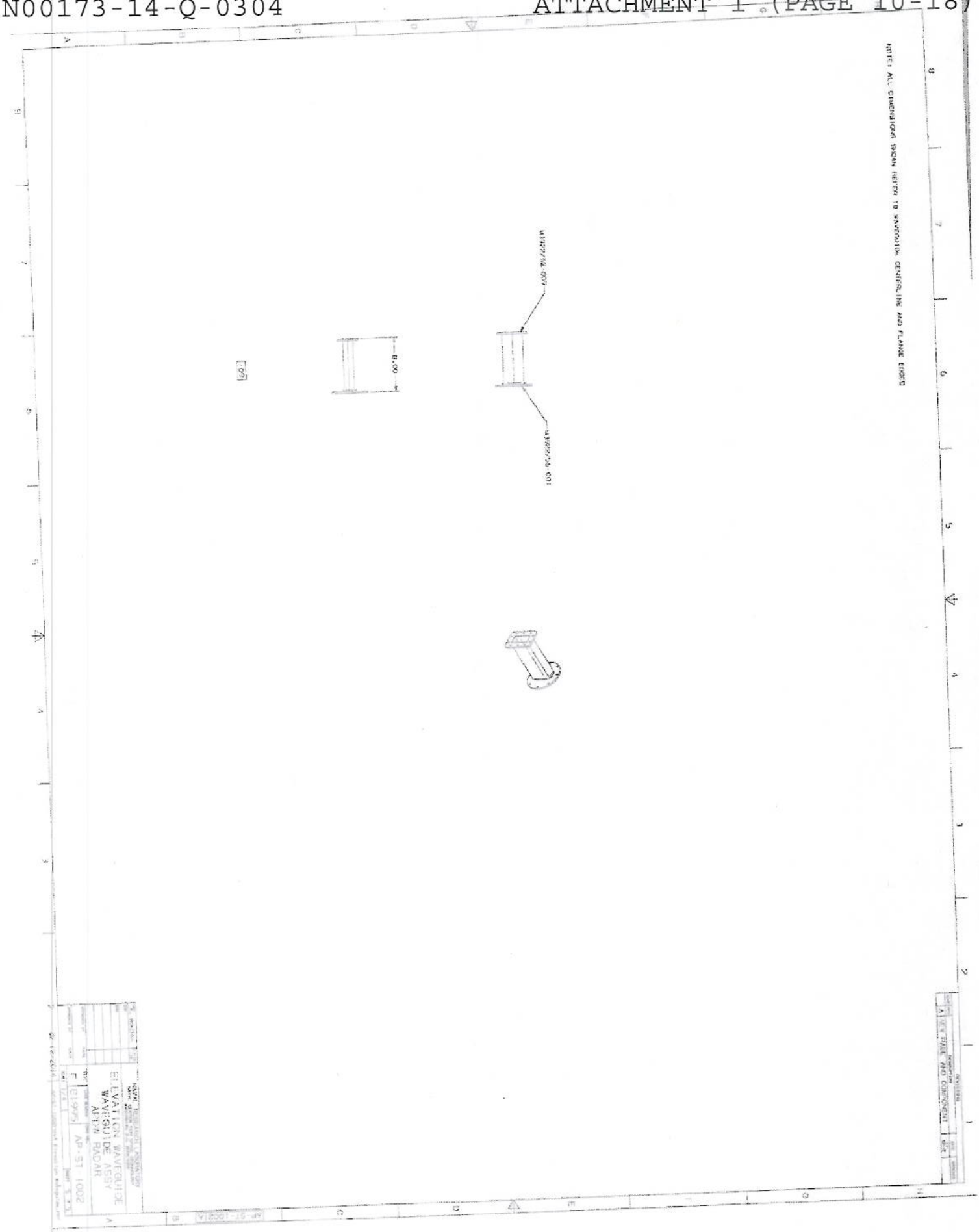
ELEVATION WAVEGUIDE
WAVEGUIDE ASSY
APOW RADAR
AP-ST-1002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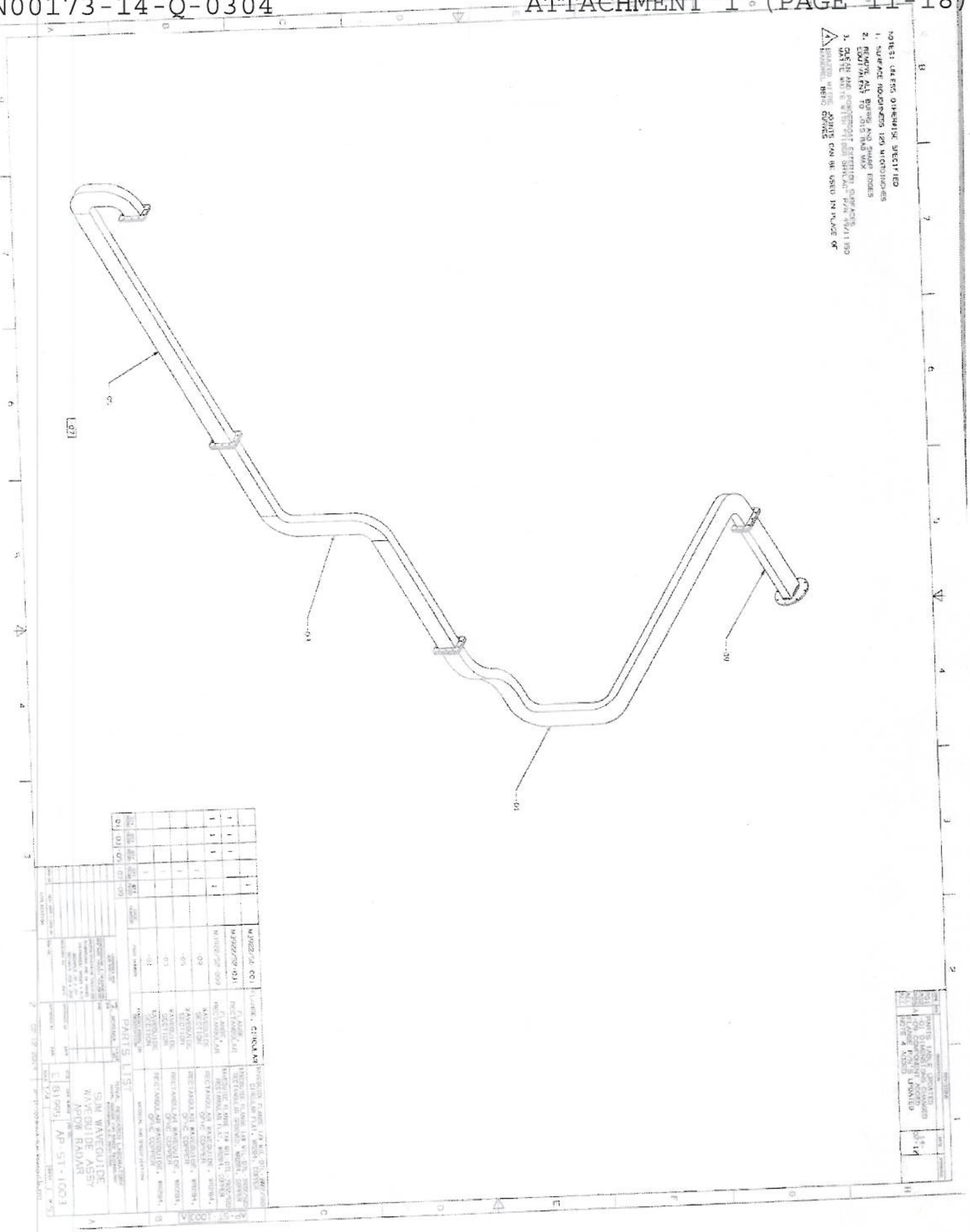
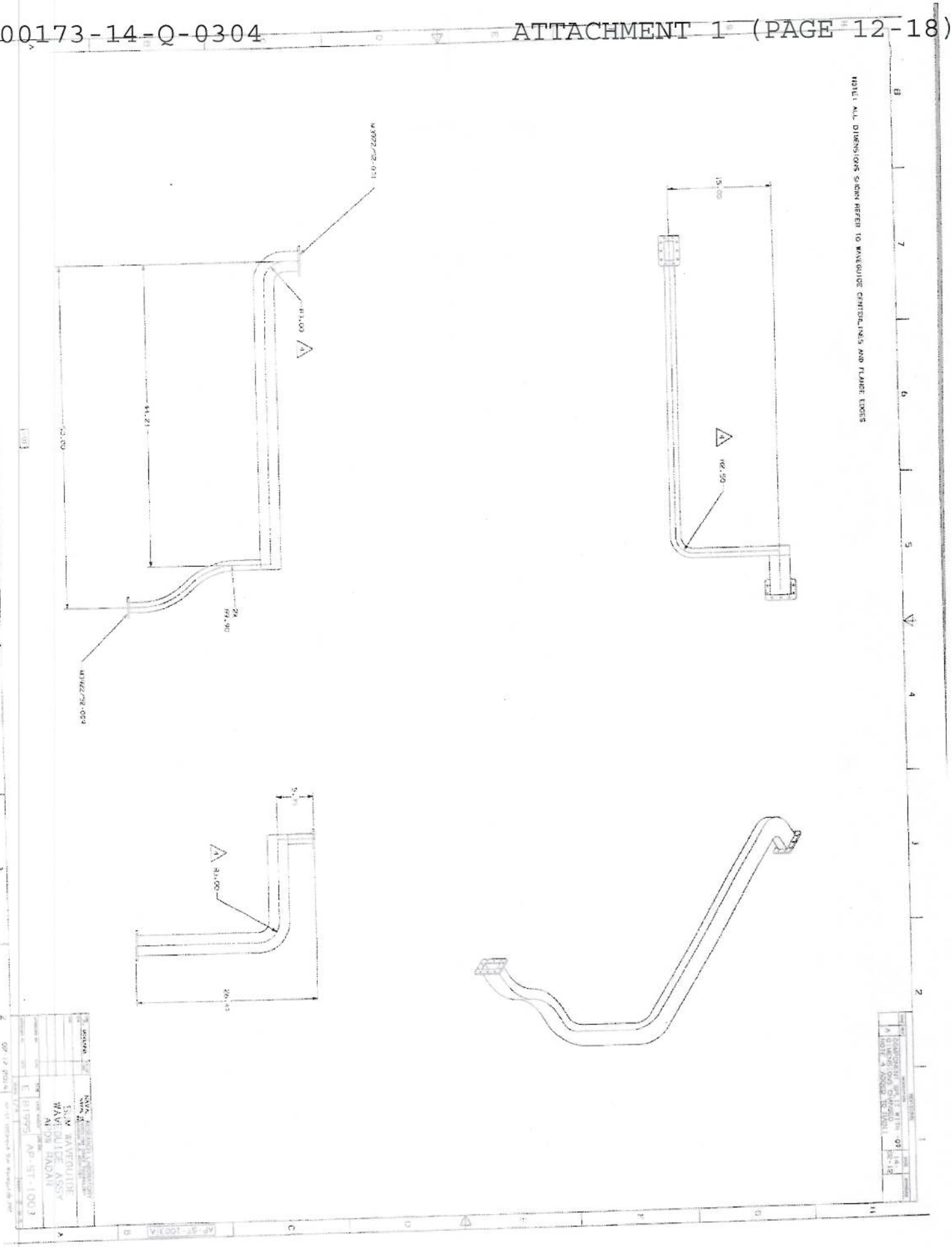
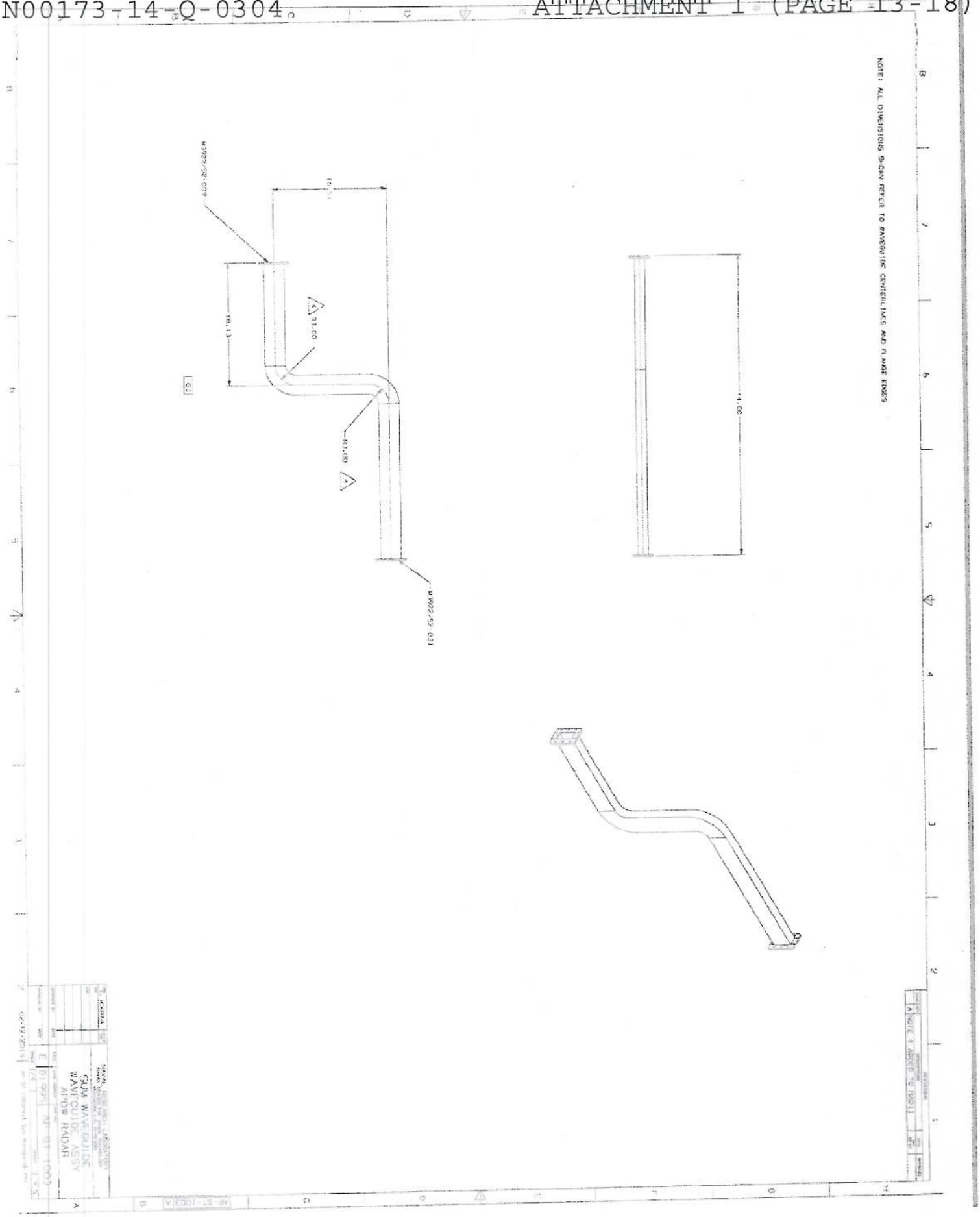
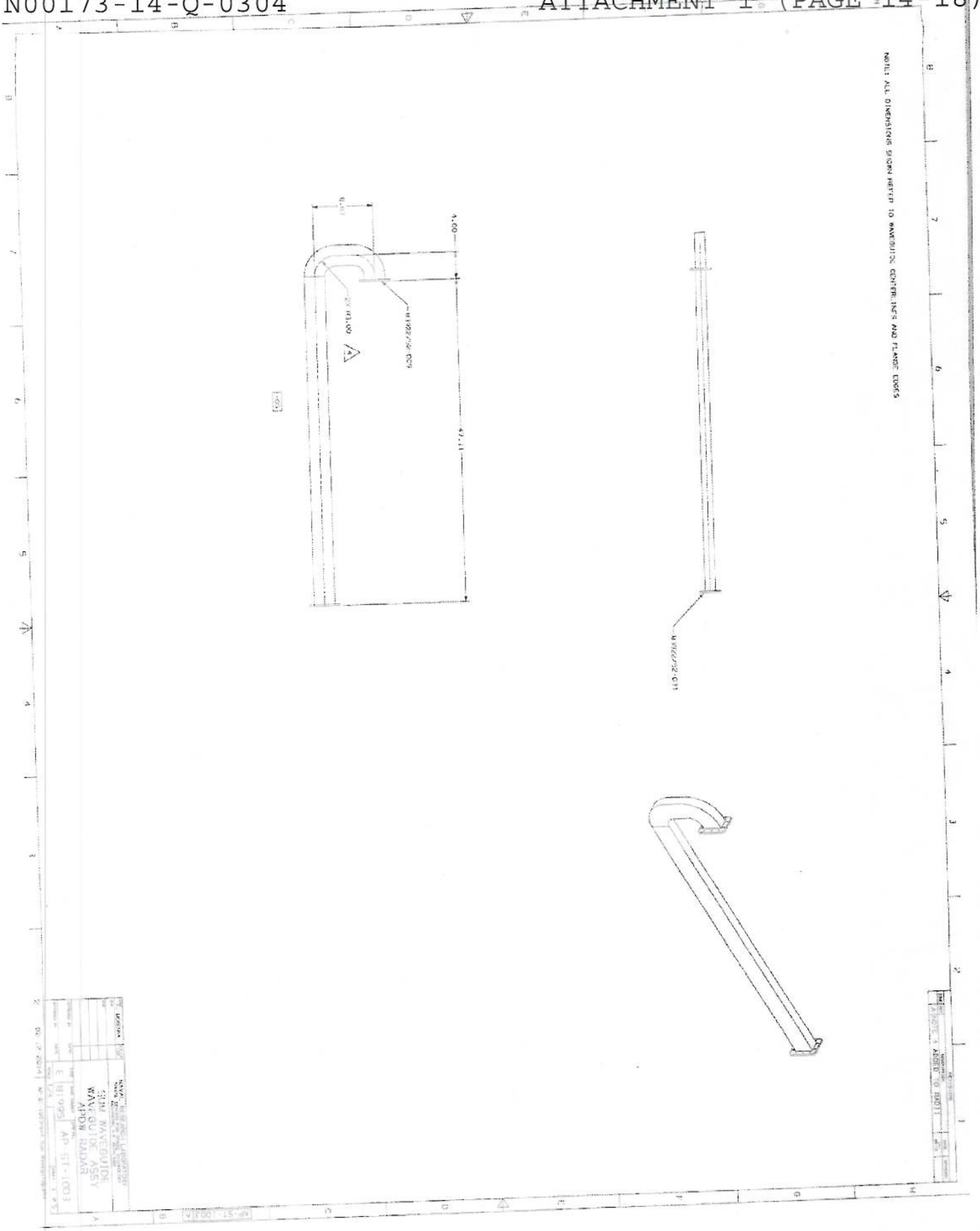
ELEVATION WAVEGUIDE
WAVEGUIDE ASSY
AFDM RADAR
AP-ST-1002
NEW PAGE AND COMPONENT


NOTES: UNLESS OTHERWISE SPECIFIED
1. SURFACE ROUGHNESS 120 MICROINCHES
2. REMOVE ALL BURRS AND SHARP EDGES
3. CLEAN AND
-01
-03
-05
-09
PARTS LIST
SLM WAVEGUIDE
WAVEGUIDE ASSY
APDW RADAR
AP-ST-1003


NOTE: ALL DIMENSIONS SHOWN REFER TO WAVEGUIDE CENTERLINES AND FLANGE EDGES
15.00
R2.50
R3.00
44.21
2X R9.90
26.47
SLM WAVEGUIDE
WAVEGUIDE ASSY
AFON RADAR
AP-ST-1003


NOTE: ALL DIMENSIONS SHOWN REFER TO WAVEGUIDE CENTERLINES AND FLANGE EDGES
SUM WAVEGUIDE
WAVEGUIDE ASSY
APDW RADAR
AP-ST-1003
NOTE 4 ADDED TO RADII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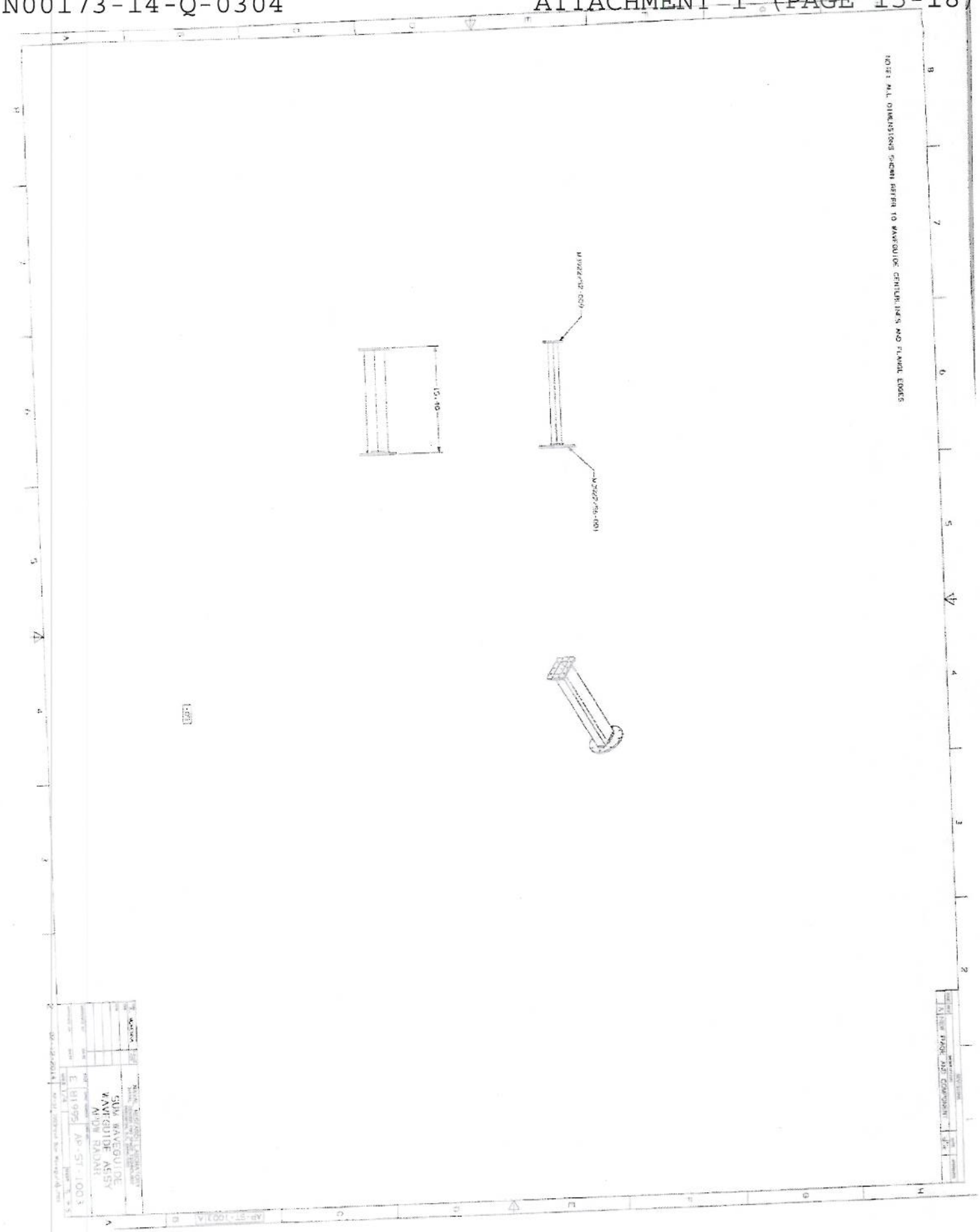
4.00
47.71
SUM WAVEGUIDE
WAVEGUIDE ASSY
APDW RADAR
AP-ST-1003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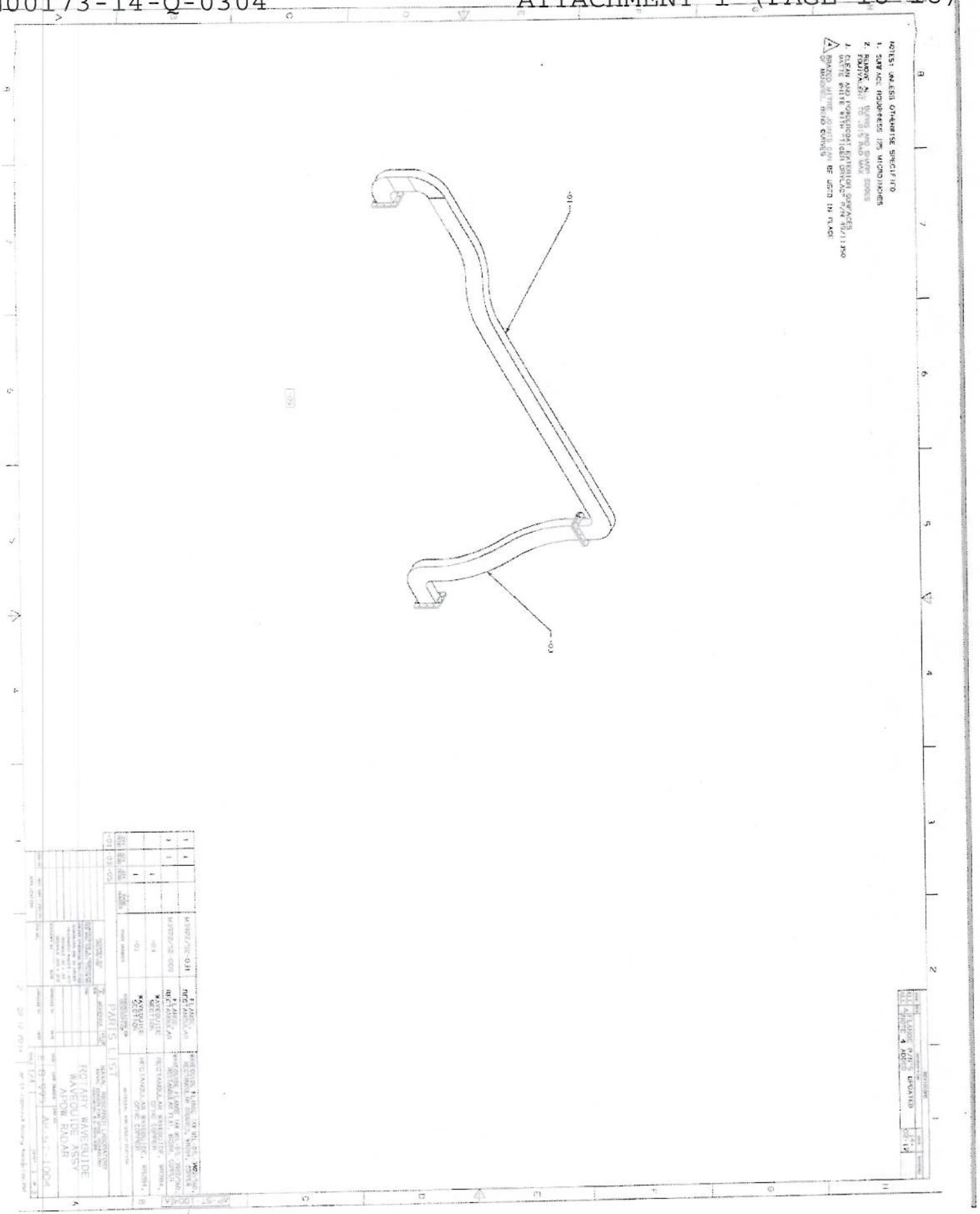
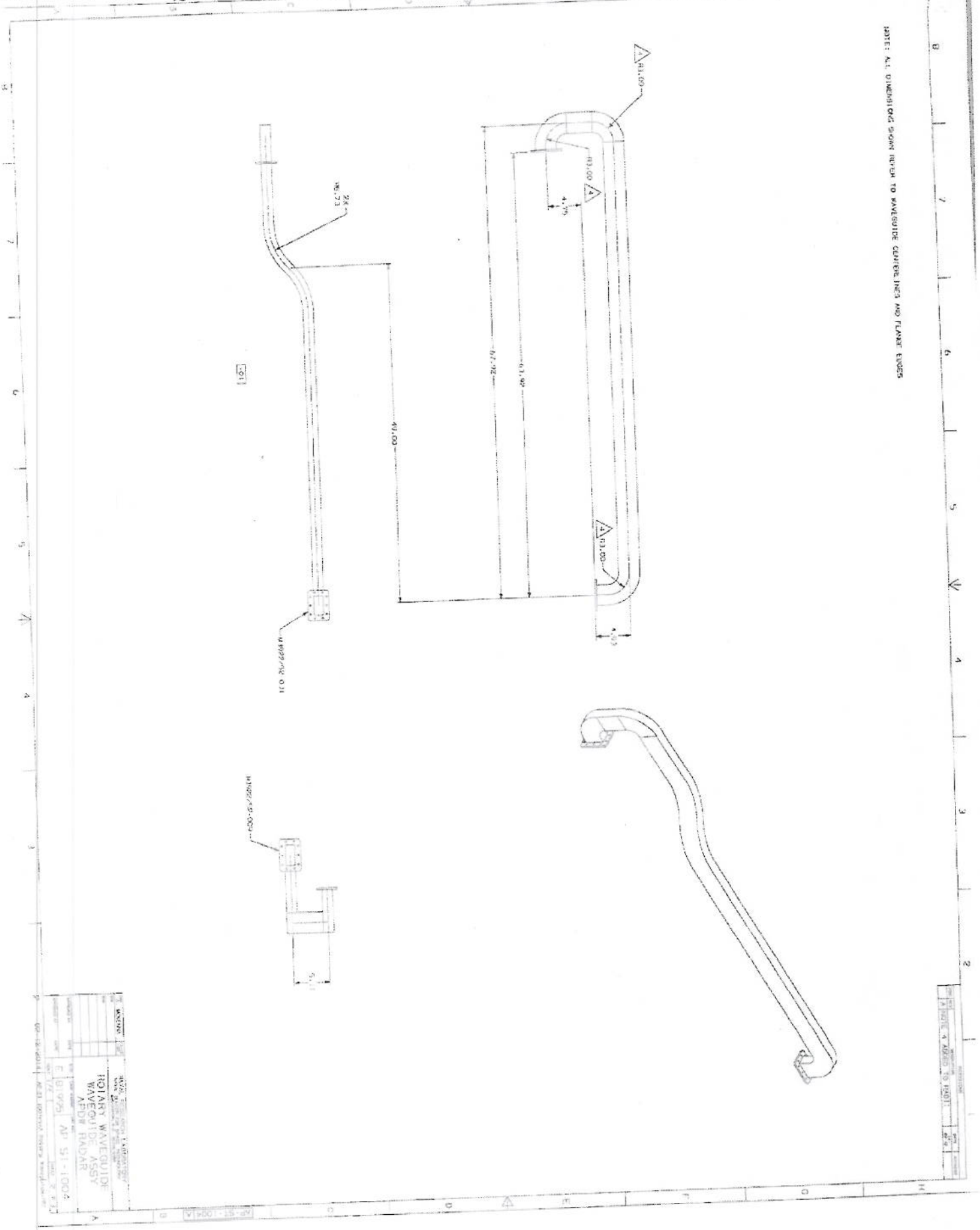
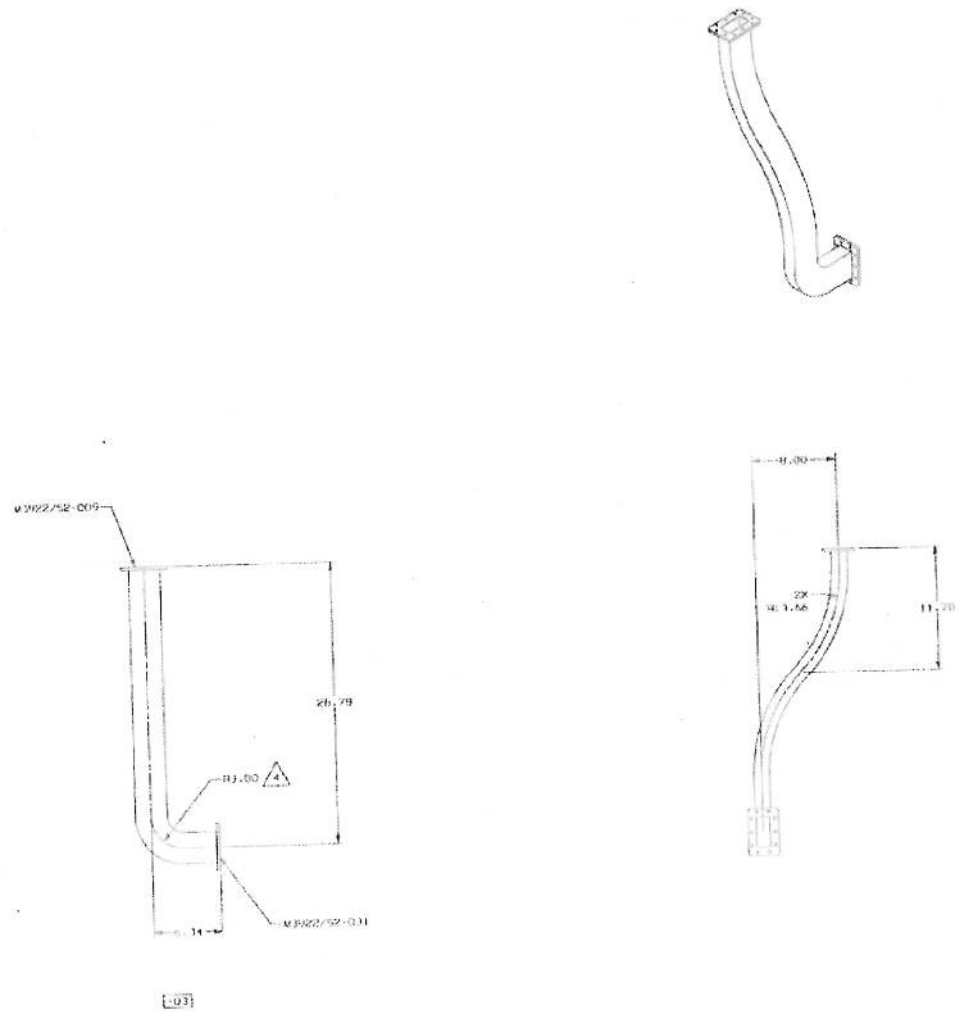
SUM WAVEGUIDE
WAVEGUIDE ASSY
AFOW RADAR
AP-ST-1003


NOTES: UNLESS OTHERWISE SPECIFIED
1. SURFACE ROUGHNESS 125 MICROINCHES
2. REMOVE ALL BURRS AND SHARP EDGES EQUIVALENT TO .015 RAD MAX
3. CLEAN AND PORDERCOAT EXTERIOR SURFACES WATTE WHITE WITH "TIGER DRYLAC" P/N 40/11350
4. BRAZED MITRE JOINTS CAN BE USED IN PLACE OF MANDREL BEND CURVES
-01
-03
PARTS LIST
ROTARY WAVEGUIDE
WAVEGUIDE ASSY
APOW RADAR
AP-ST-1004


NOTE: ALL DIMENSIONS SHOWN REFER TO WAVEGUIDE CENTERLINES AND FLANGE EDGES
R3.00
R3.00
R3.00
49.00
67.92
63.92
4.75
2X
R5.73
ROTARY WAVEGUIDE
WAVEGUIDE ASSY
APDW RADAR
AP ST-1004

NOTE: ALL DIMENSIONS SHOWN REFER TO WAVEGUIDE CENTERLINES AND FLANGE EDGES



A	NOTE 4 ADDED TO RADII		

NAVAL RESEARCH LABORATORY
NAVAL SENSOR FOR SPACE TECHNOLOGY
WASHINGTON, D.C. 20375-5320

ROTARY WAVEGUIDE
WAVEGUIDE ASSY
AFDW RADAR

SIZE	DWG NUMBER	REV
E	81995	AP-ST-1004

SCALE: 1/3 SHEET 1 OF 1

02-12-2014