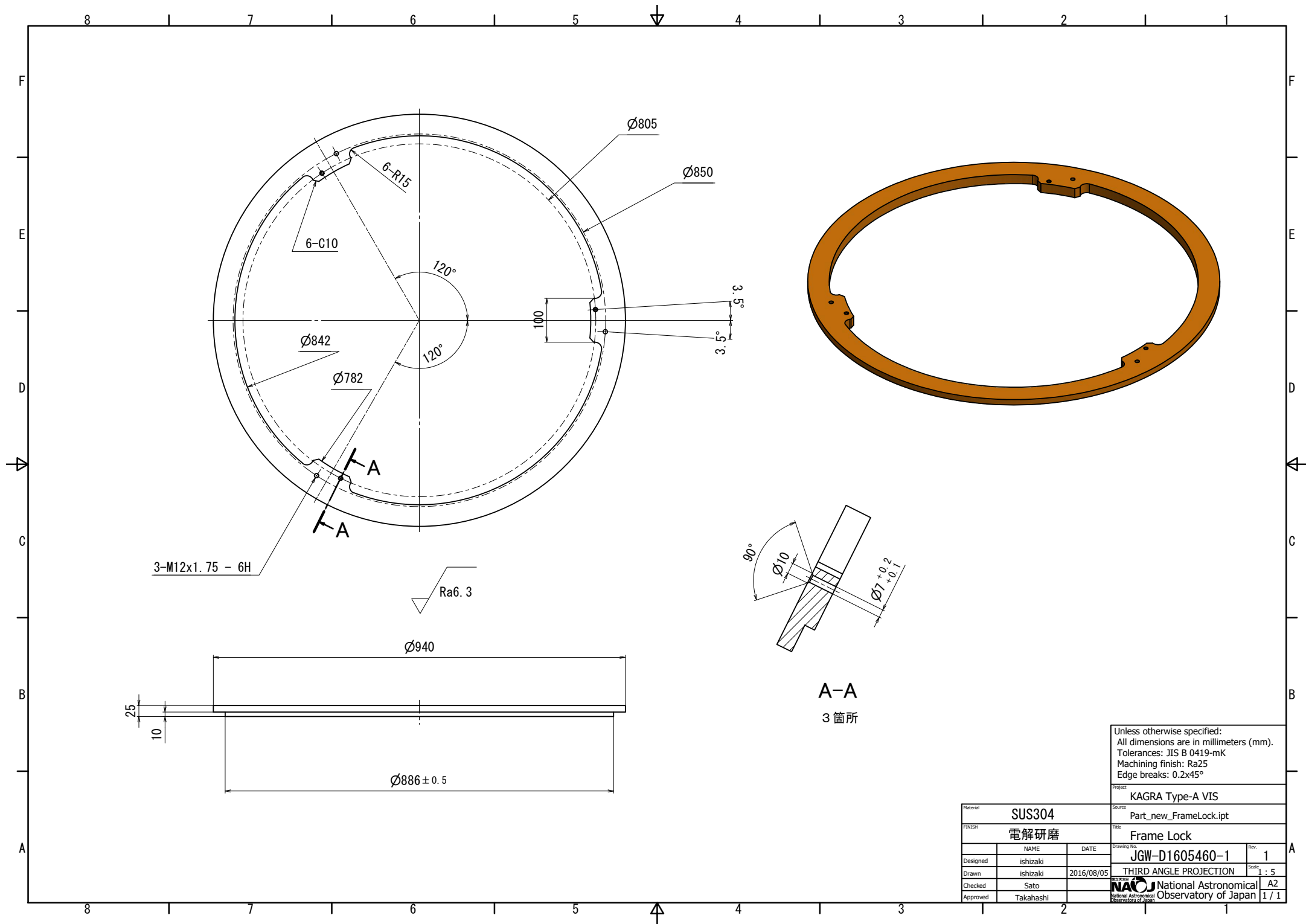




Unless otherwise specified:
All dimensions are in millimeters (mm).
Tolerances: JIS B 0419-mK
Machining finish: Ra25
Edge breaks: 0.2x45°

Project: KAGRA Type-A VIS

Source: Part_new_FrameLock.ipt

Title: Frame Lock

Drawing No.: JGW-D1605460-1 Rev.: 1

THIRD ANGLE PROJECTION Scale: 1 : 5

Drawn: ishizaki 2016/08/05

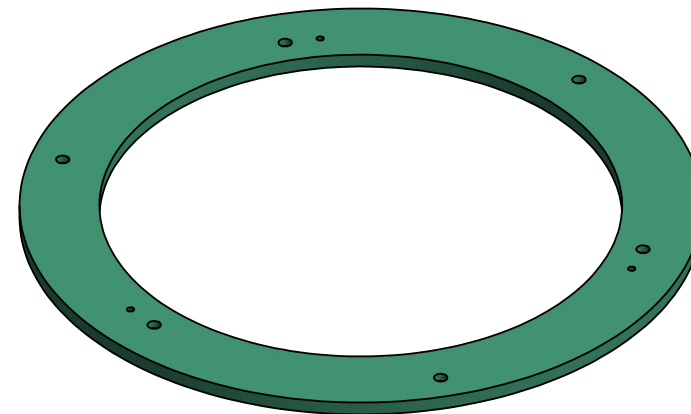
Checked: Sato

Approved: Takahashi

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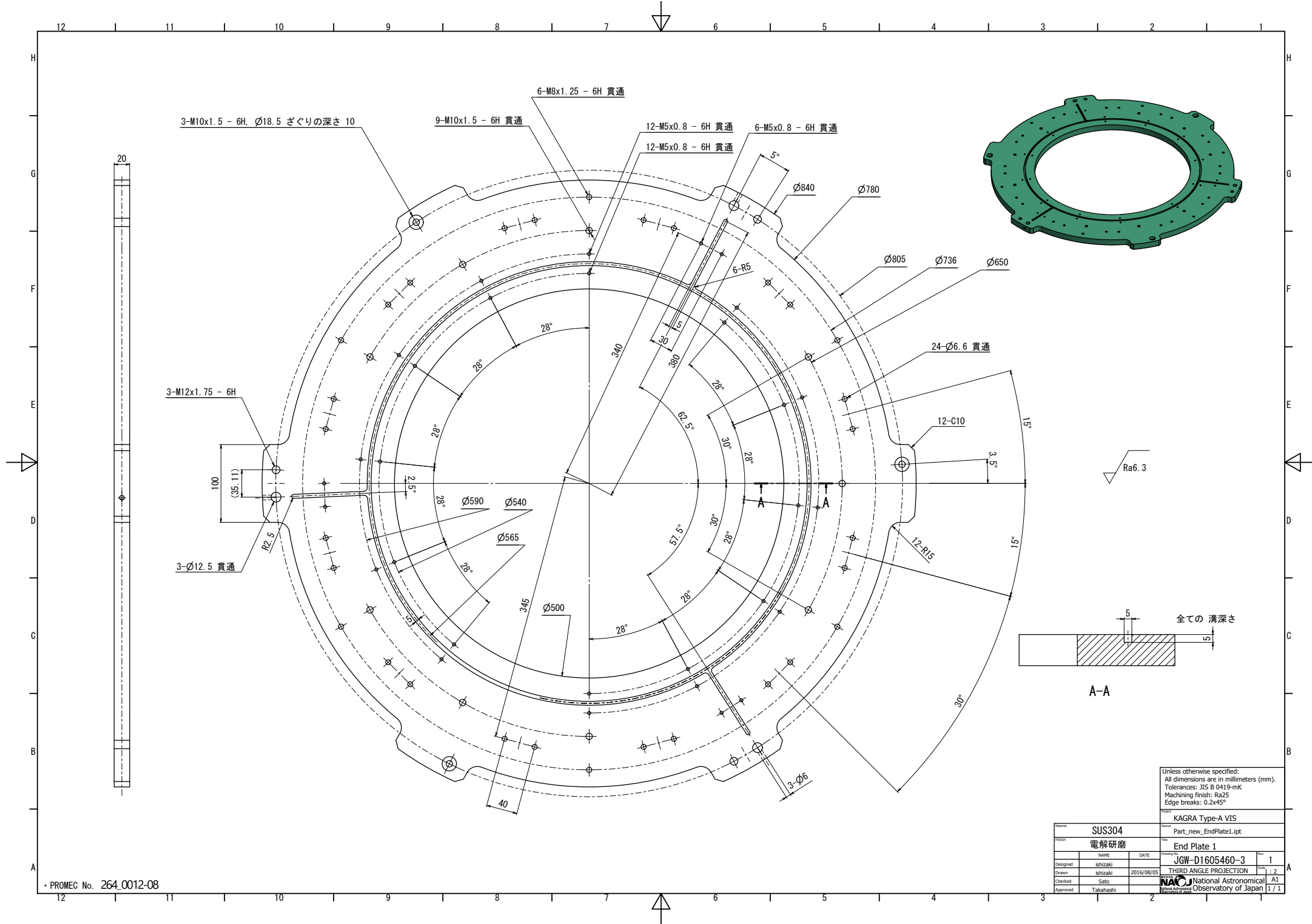
A2

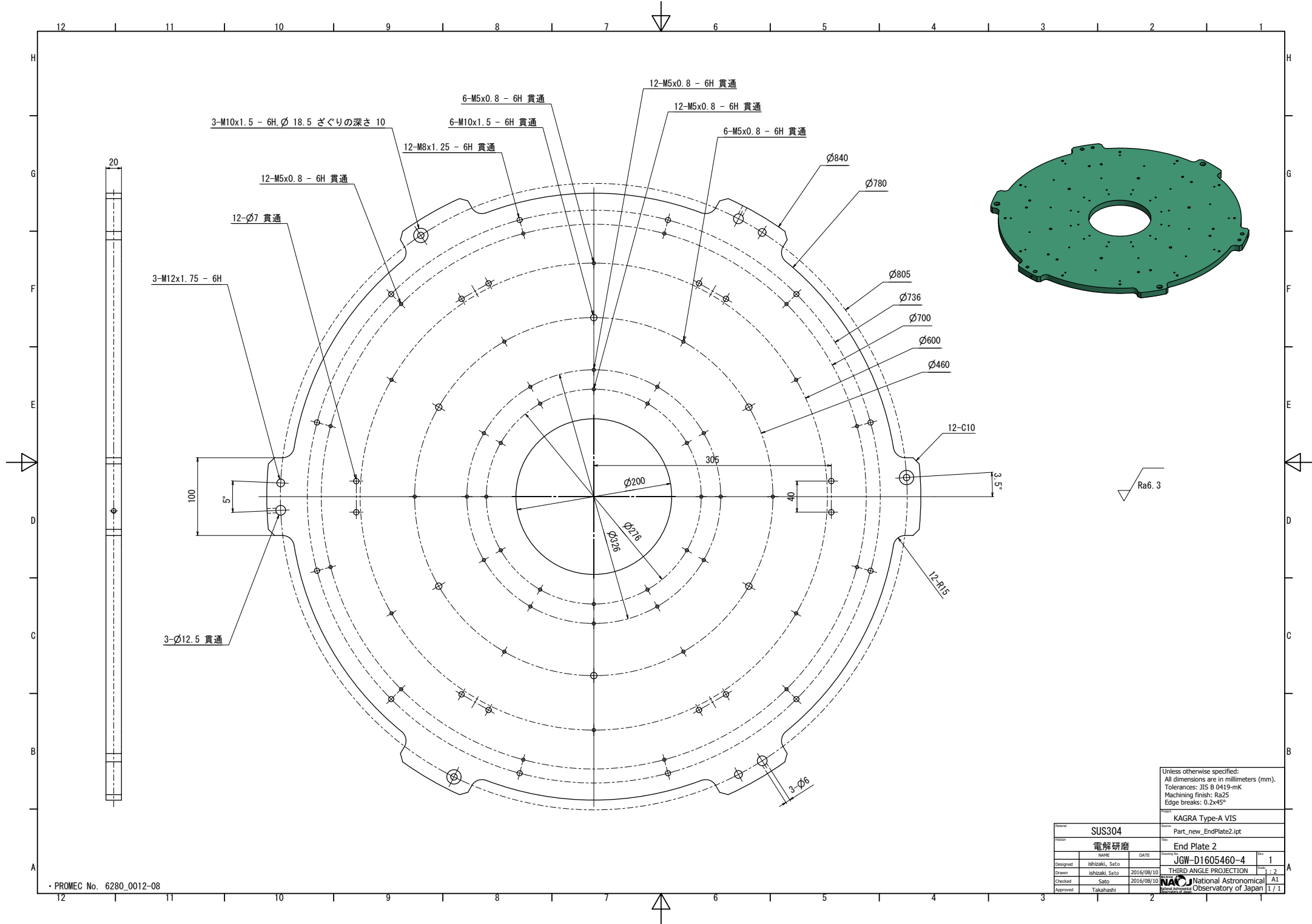
1 / 1

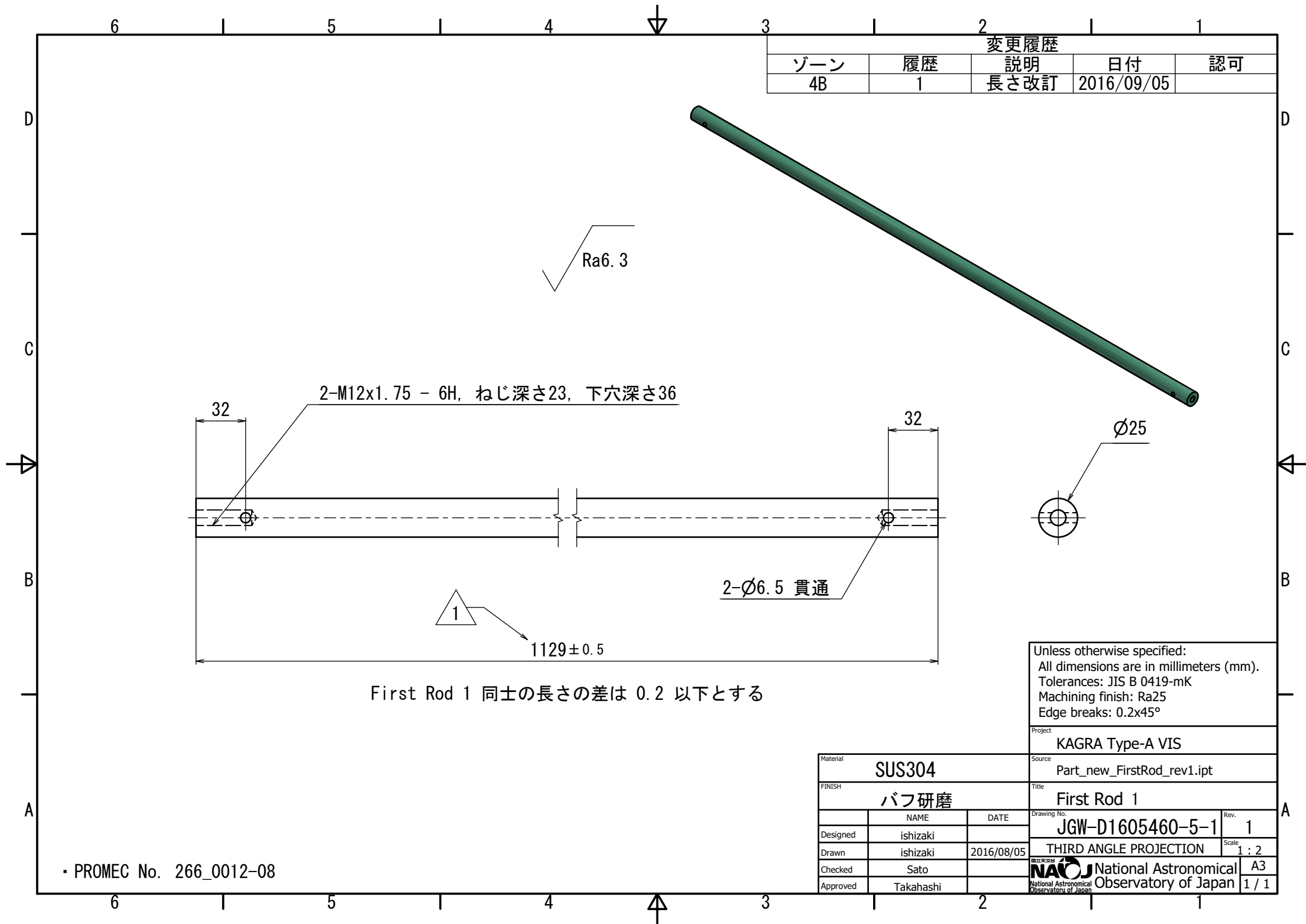


Technical drawing of a shaft with a keyway. The shaft has a total length of 20. The keyway is 12 units long from the left end. The keyway has a width of 12.5 and a depth of 18.5.





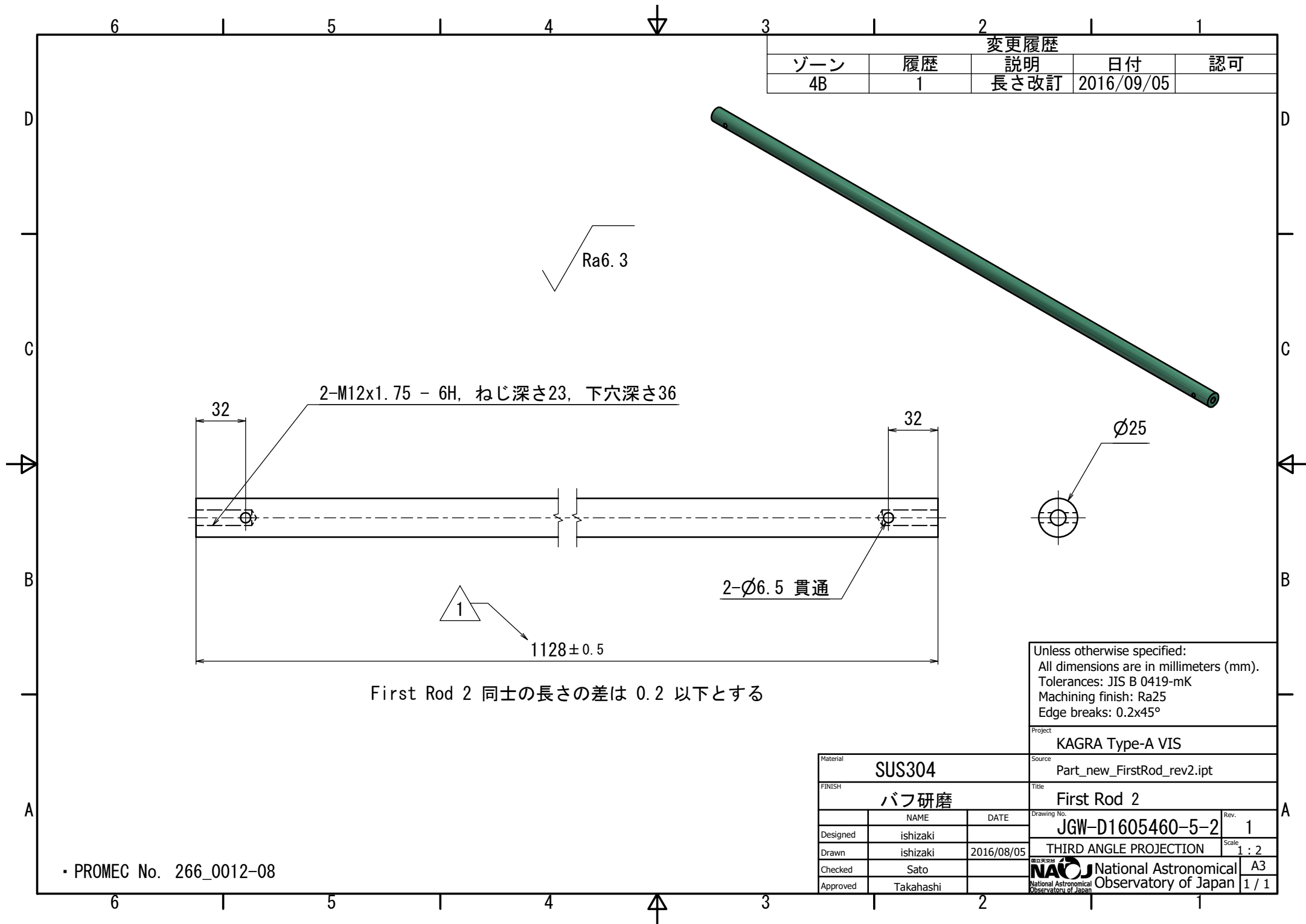


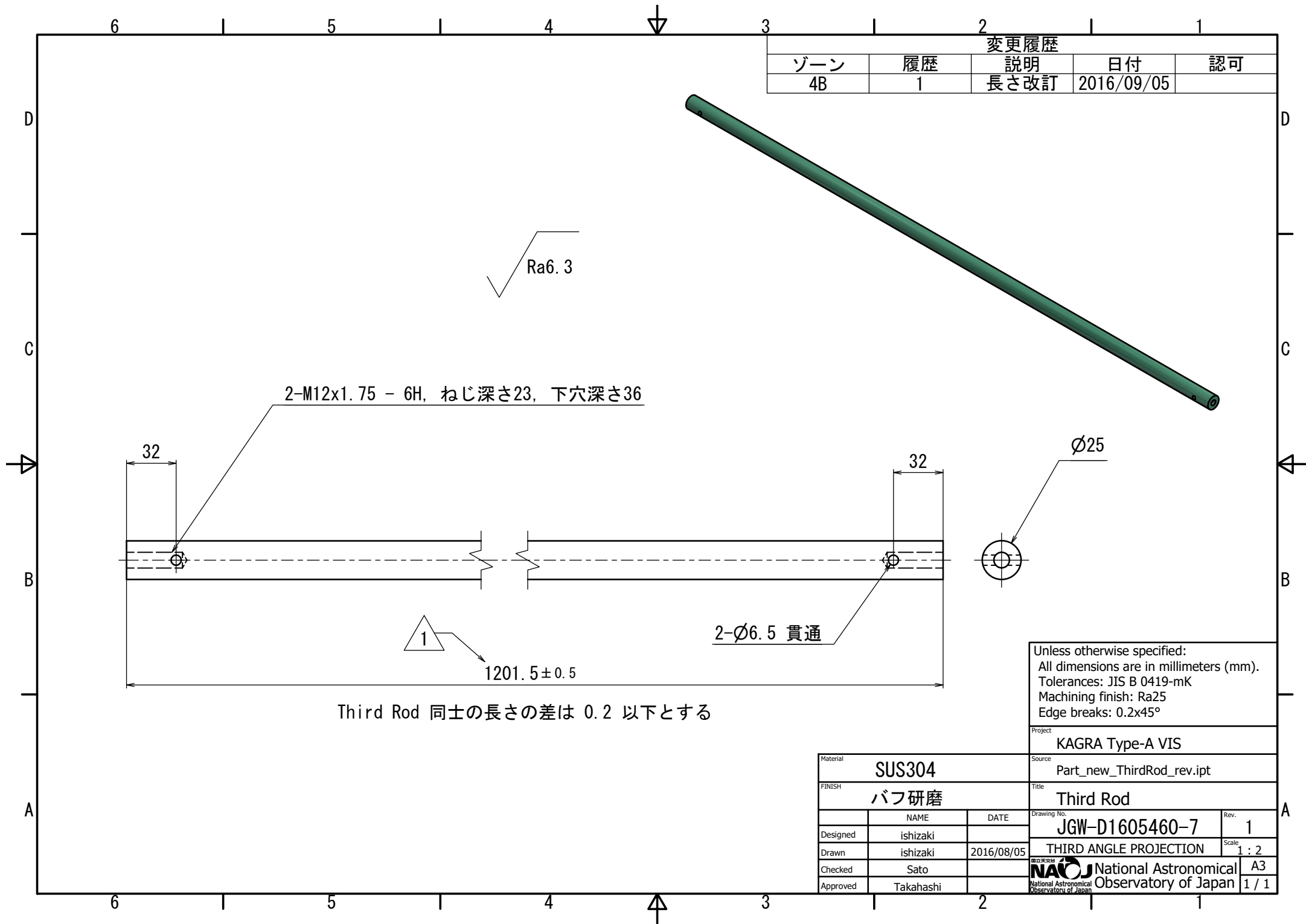


変更履歴				
ゾーン	履歴	説明	日付	認可
4B	1	長さ改訂	2016/09/05	

Unless otherwise specified:
All dimensions are in millimeters (mm).
Tolerances: JIS B 0419-mK
Machining finish: Ra25
Edge breaks: 0.2x45°

Material			Project	
SUS304			KAGRA Type-A VIS	
FINISH			Source	
バフ研磨			Part_new_FirstRod_rev1.ipt	
			Title	
			First Rod 1	
			Drawing No.	Rev.
			JGW-D1605460-5-1	1
Designed			THIRD ANGLE PROJECTION	
Drawn			Scale	
Checked			1 : 2	
Approved			A3	
			1 / 1	



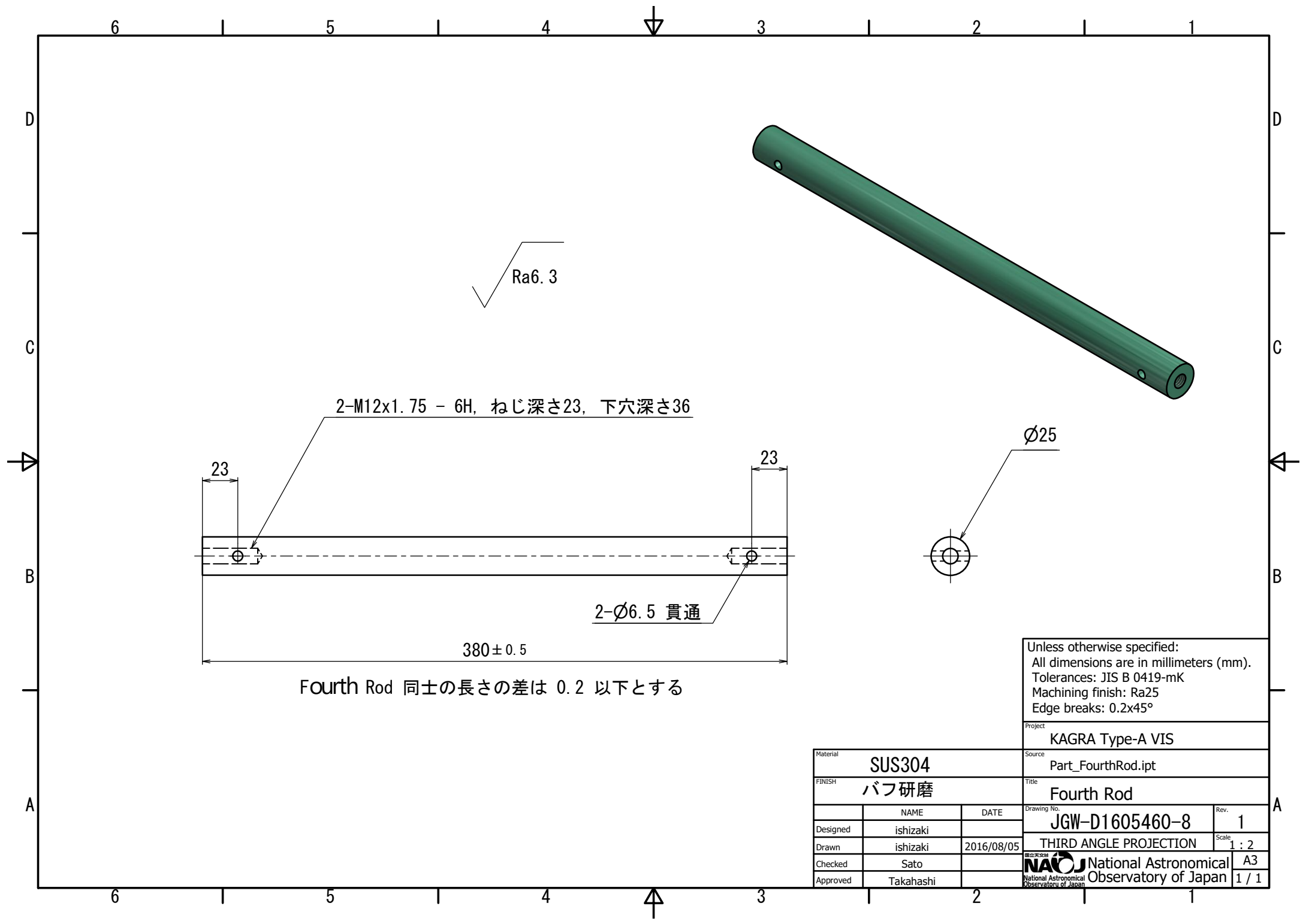


変更履歴				
ゾーン	履歴	説明	日付	認可
4B	1	長さ改訂	2016/09/05	

Unless otherwise specified:
All dimensions are in millimeters (mm).
Tolerances: JIS B 0419-mK
Machining finish: Ra25
Edge breaks: 0.2x45°

Material			Project	
SUS304			KAGRA Type-A VIS	
FINISH			Source	
バフ研磨			Part_new_ThirdRod_rev.ipt	
			Title	
			Third Rod	
			Drawing No.	Rev.
			JGW-D1605460-7	1
Designed			THIRD ANGLE PROJECTION	
Drawn			Scale	
Checked			1 : 2	
Approved			A3	
			1 / 1	

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Unless otherwise specified:
All dimensions are in millimeters (mm).
Tolerances: JIS B 0419-mK
Machining finish: Ra25
Edge breaks: 0.2x45°

Project
KAGRA Type-A VIS

Source
Part_FourthRod.ipt

Title
Fourth Rod

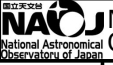
Drawing No.
JGW-D1605460-8

Rev.
1

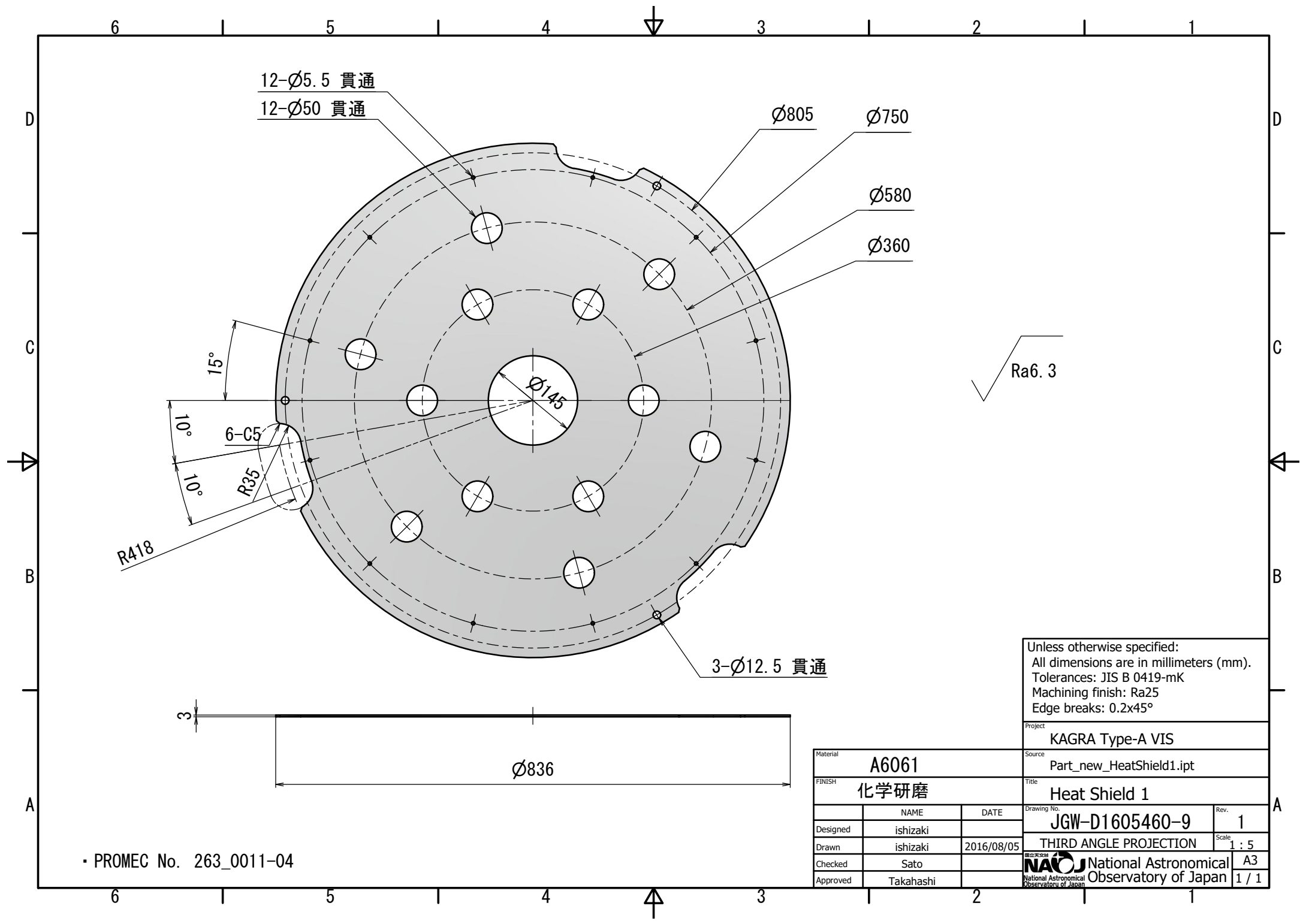
Scale
1 : 2

THIRD ANGLE PROJECTION
National Astronomical
Observatory of Japan

Material	SUS304	
FINISH	バフ研磨	
	NAME	DATE
Designed	ishizaki	
Drawn	ishizaki	2016/08/05
Checked	Sato	
Approved	Takahashi	



1 / 1



• PROMEC No. 263_0011-04

Unless otherwise specified:
All dimensions are in millimeters (mm).
Tolerances: JIS B 0419-mK
Machining finish: Ra25
Edge breaks: 0.2x45°

Project
KAGRA Type-A VIS

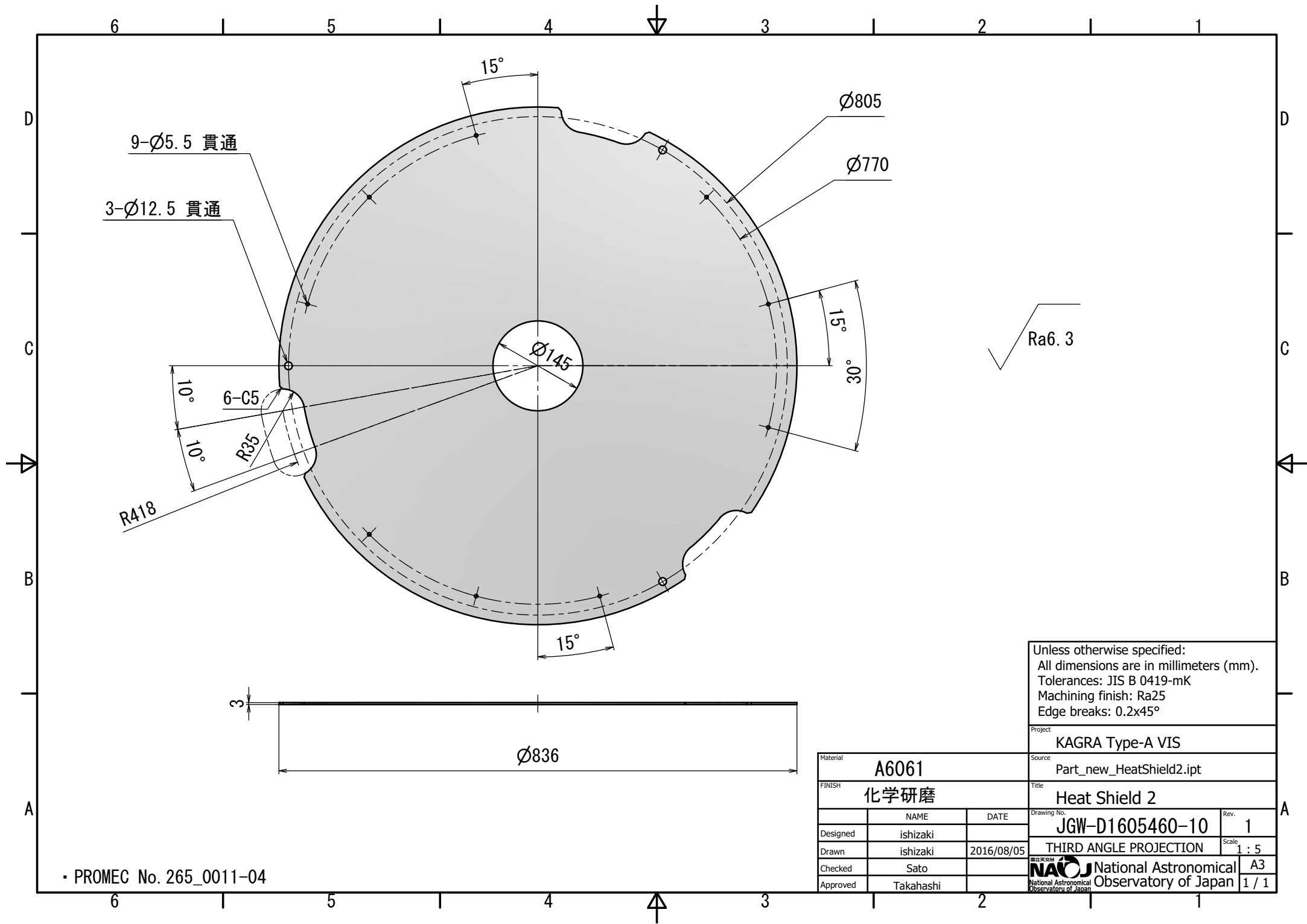
Source
Part_new_HeatShield1.ipt

Title
Heat Shield 1

Drawing No. JGW-D1605460-9
Rev. 1
Scale 1 : 5
THIRD ANGLE PROJECTION

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Observatory of Japan
A3
1 / 1

Material	A6061	
FINISH	化学研磨	
	NAME	DATE
Designed	ishizaki	
Drawn	ishizaki	2016/08/05
Checked	Sato	
Approved	Takahashi	



・ PROMEC No. 265_0011-04

Unless otherwise specified:
All dimensions are in millimeters (mm).
Tolerances: JIS B 0419-mK
Machining finish: Ra25
Edge breaks: 0.2x45°

Project
KAGRA Type-A VIS

Source
Part_new_HeatShield2.ipt

Title
Heat Shield 2

Drawing No.
JGW-D1605460-10

Rev.
1

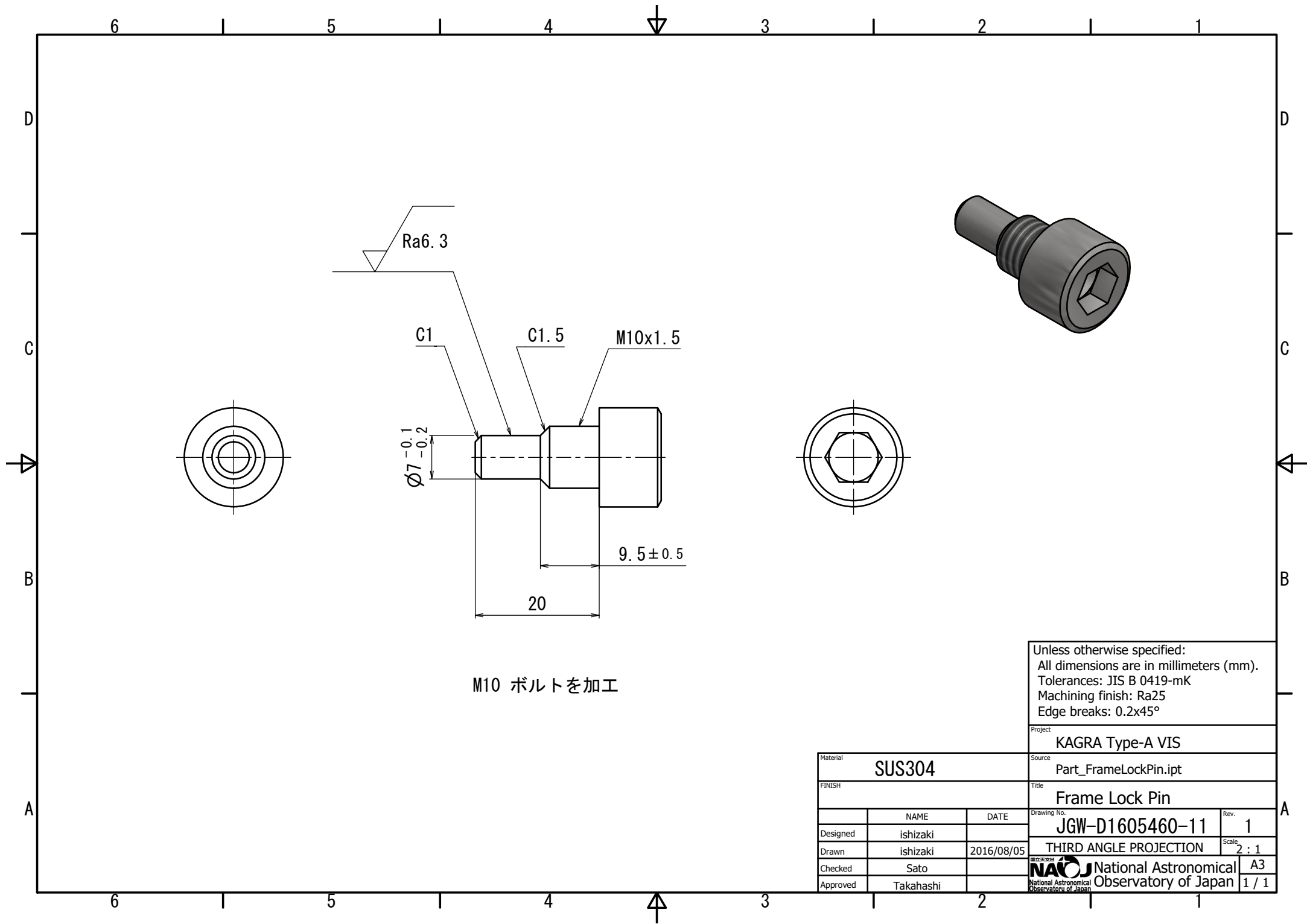
Scale
1 : 5

THIRD ANGLE PROJECTION
National Astronomical
Observatory of Japan

Material	A6061	
FINISH	化学研磨	
Designed	ishizaki	DATE
Drawn	ishizaki	2016/08/05
Checked	Sato	
Approved	Takahashi	

A

D

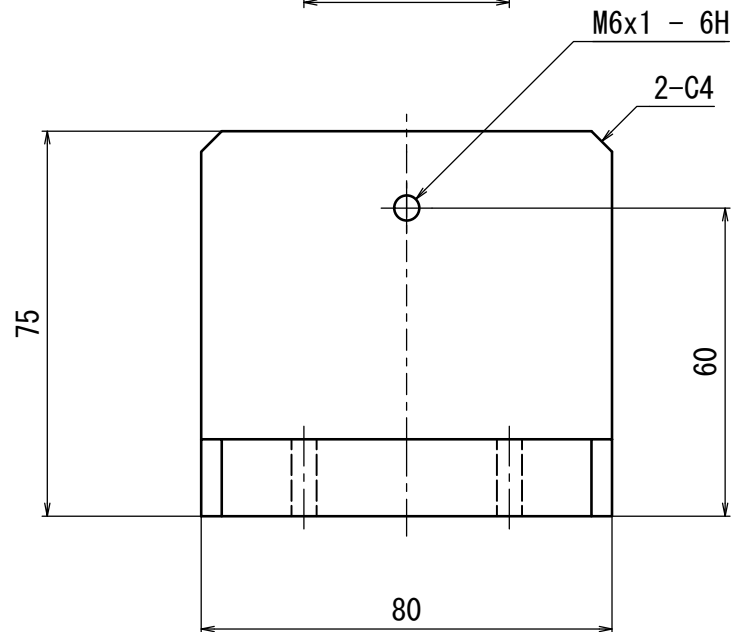
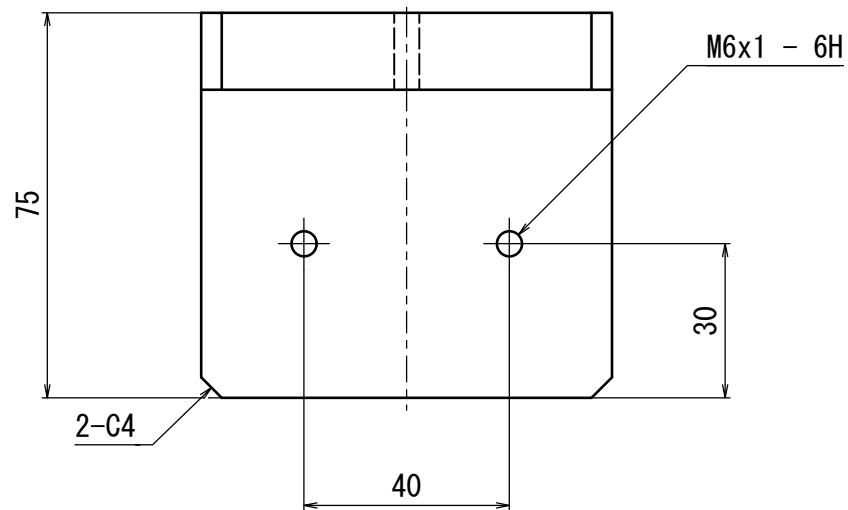


M10 ボルトを加工

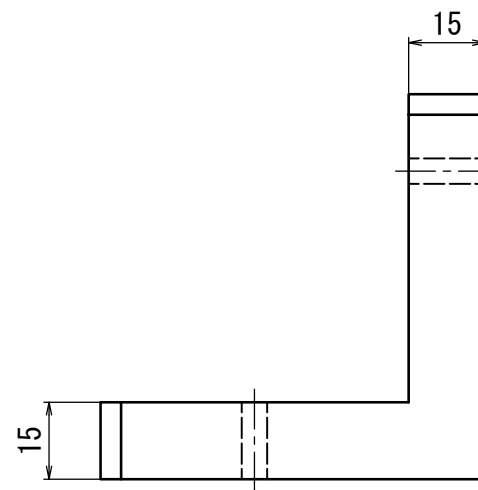
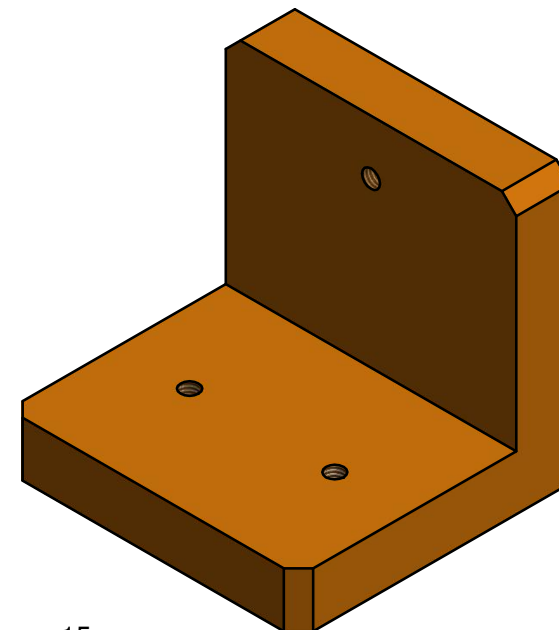
Unless otherwise specified:
All dimensions are in millimeters (mm).
Tolerances: JIS B 0419-mK
Machining finish: Ra25
Edge breaks: 0.2x45°

Project		KAGRA Type-A VIS	
Source		Part_FrameLockPin.ipt	
Title		Frame Lock Pin	
Drawing No.		JGW-D1605460-11	Rev. 1
Scale		2 : 1	
THIRD ANGLE PROJECTION		A3	
National Astronomical Observatory of Japan		1 / 1	

Material			SUS304		
FINISH					
	NAME	DATE			
Designed	ishizaki				
Drawn	ishizaki	2016/08/05			
Checked	Sato				
Approved	Takahashi				



Ra6.3



Unless otherwise specified:
All dimensions are in millimeters (mm).
Tolerances: JIS B 0419-mK
Machining finish: Ra25
Edge breaks: 0.2x45°

Project
KAGRA Type-A VIS

Source
Part_stopper_filters.ipt

Title
Stopper Filters

Drawing No.
JGW-D1605460-12

Rev.
1

Scale
1 : 1

THIRD ANGLE PROJECTION

NAOJ National Astronomical Observatory of Japan

Material	A6061	
FINISH		
Designed	ishizaki	DATE
Drawn	ishizaki	2016/08/05
Checked	Sato	
Approved	Takahashi	

• PROMEC No. 354_10009-01