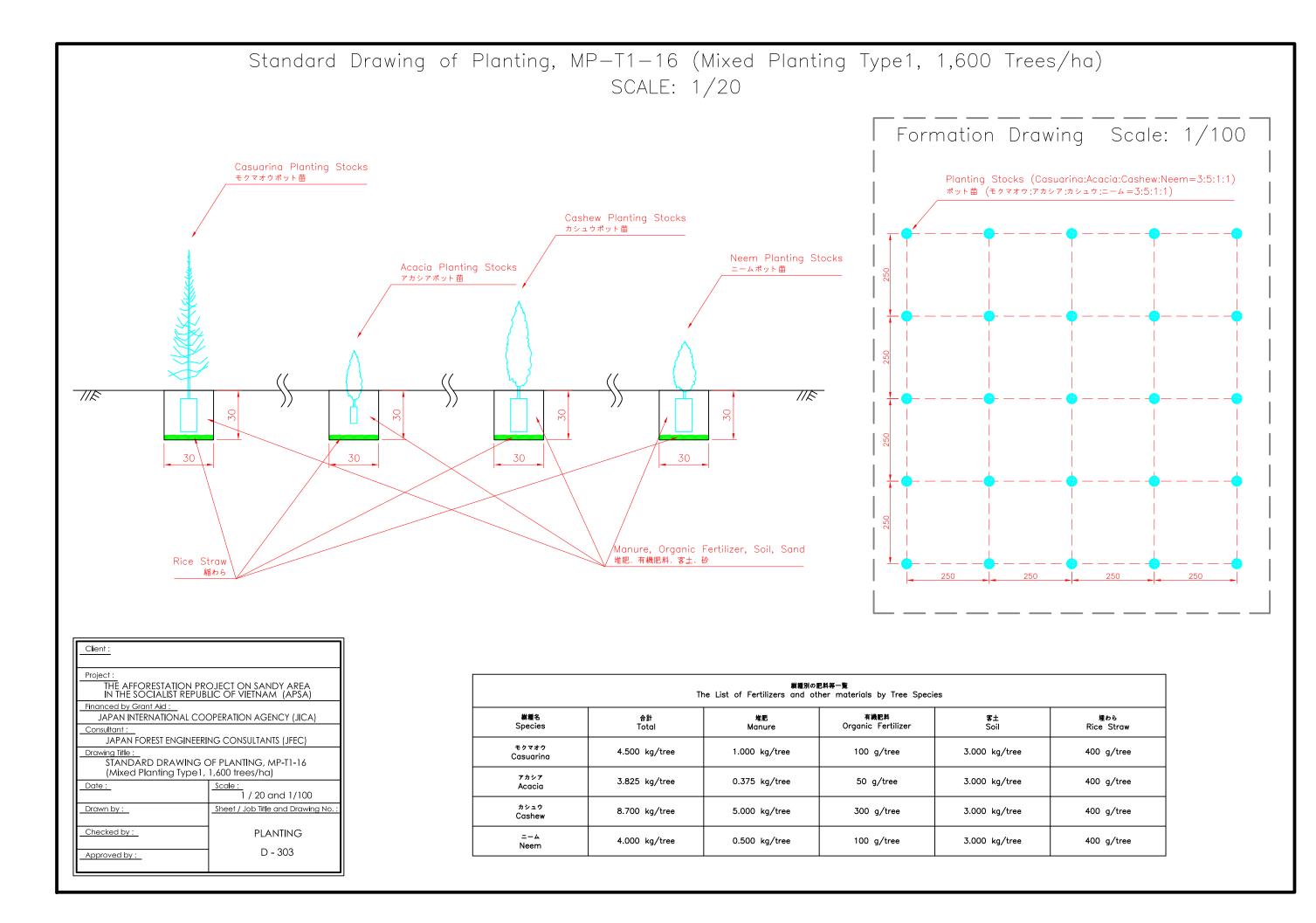
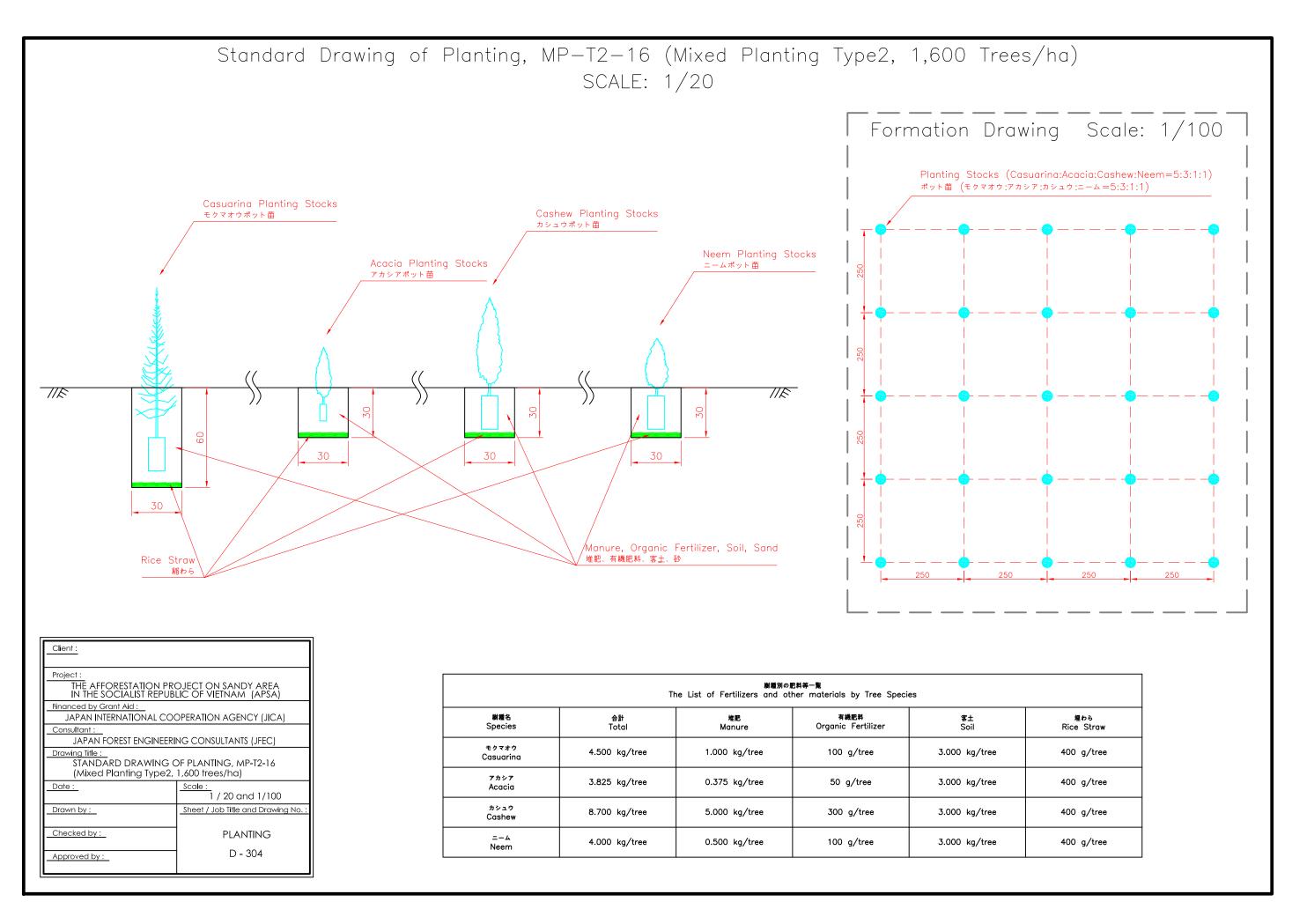


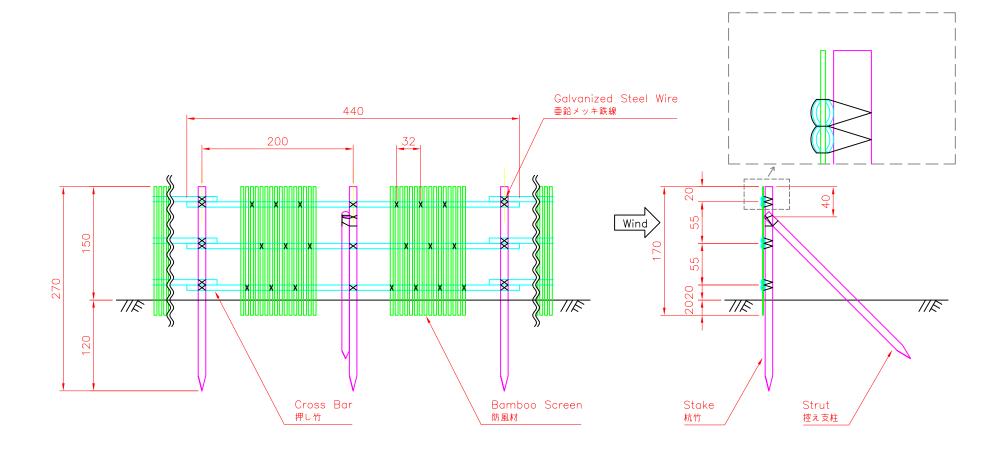
Project: THE AFFORESTATION PROJECT ON SANDY AREA IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA)		
DPERATION AGENCY (JICA)		
Consultant:  JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)		
Drawing Title:  STANDARD DRAWING OF PLANTING, NP-AC-25 (Normal Planting, Acacia, 2,500 trees/ha)		
<u>Scale:</u> 1 / 20 and 1/100		
Sheet / Job Title and Drawing No. :		
PLANTING		
D - 302		

	樹種別の肥料等一覧 The List of Fertilizers and other materials by Tree Species				
樹種名 Species	合計 Total	堆肥 Manure	有機肥料 Organic Fertilizer	客土 Soil	埋わら Rice Straw
アカシア Acacia	3.825 kg/tree	0.375 kg/tree	50 g/tree	3.000 kg/tree	400 g/tree





# Standard Drawing of Deposition Fence SCALE: 1/50

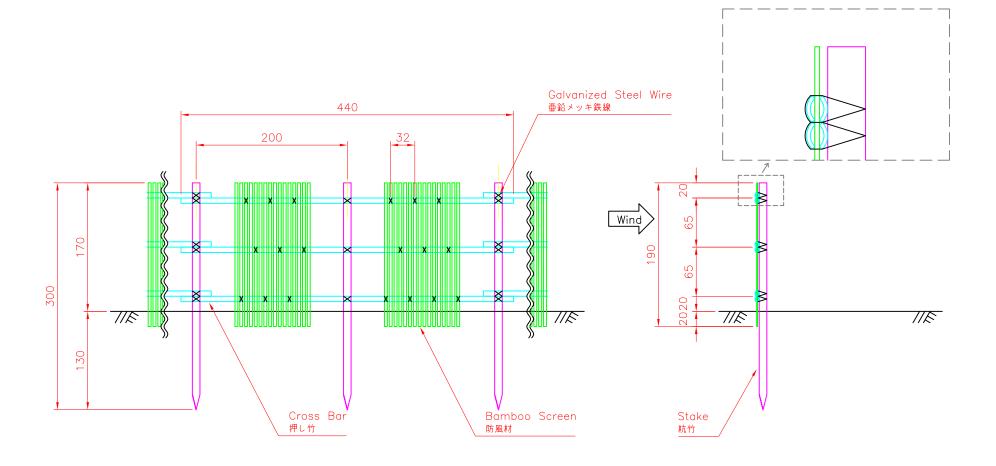


Client :			
Project:  THE AFFORESTATION PROJECT ON SANDY AREA IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA)			
Financed by Grant Aid :  JAPAN INTERNATIONAL CO	OPERATION AGENCY (JICA)		
Consultant:  JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)			
_Date :	<u>Scale :</u> 1 / 50		
Drawn by :	Sheet / Job Title and Drawing No. :		
Checked by:	PLANTING ANCILLARY WORKS		
Approved by :	D - 401		

#### 100m当たり数量表 Quantity Table per 100m

名称 Materials			備考 Remarks
杭 (竹) Bamboo Stake	∮10cm以上、長さ2.7m ∮=10cm over, L=2.7m	50.0pcs	
支柱(竹) Bamboo Strut	∮10cm以上、長さ2.7m ∮=10cm over, L=2.7m	10.0pcs	旅5本ごとに1本設置 One strut is driven per five stakes
押し竹 Bamboo Cross Bar	4分割した竹, 長さ4.4m Bamboo is divided into four pieces, L=4.4m	150.0pcs	防風材を挟む Put bamboo screen between two cross bars
防風材 Bamboo Screen	8分割した竹, 長さ1.7m Bamboo is divided into eight pieces, L=1.7m	1,568.0pcs	透過率40% Permiation Ratio: 40%
鉄線 Steel Wire	亜鉛メッキ鉄線 #12~18 Galvanized Steel Wire #12-18	10.0kg	

# Standard Drawing of Sand Control Hedge SCALE: 1/50

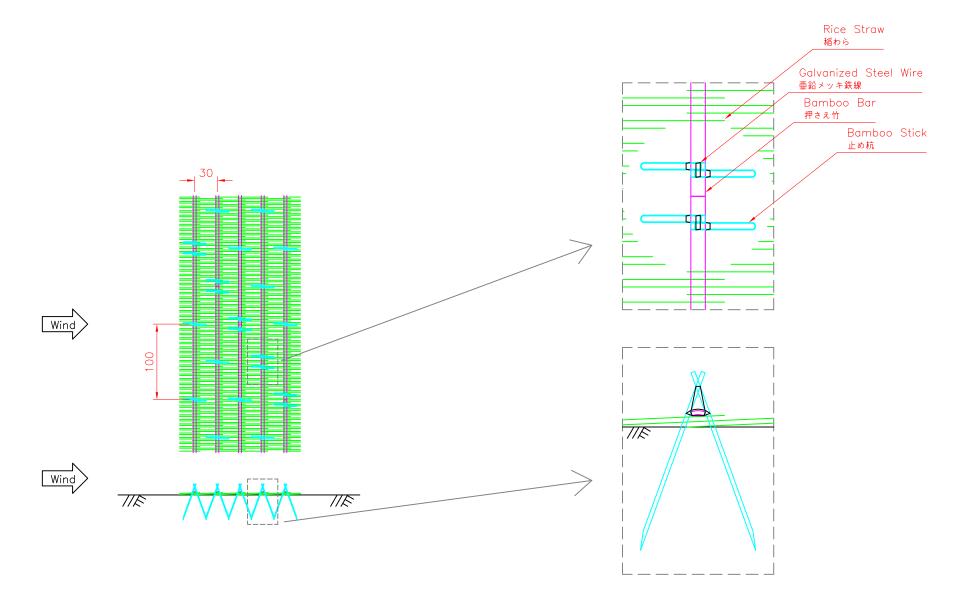


Client :			
Project: THE AFFORESTATION PROJECT ON SANDY AREA IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA)			
<u>Financed by Grant Aid :</u> JAPAN INTERNATIONAL CO	Financed by Grant Aid :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		
Consultant:  JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)			
<u>Date :</u>	<u>Scale :</u> 1 / 50		
Drawn by :	Sheet / Job Title and Drawing No. :		
Checked by :	PLANTING ANCILLARY WORKS		
_Approved by :	D - 402		

#### 100m当たり数量表 Quantity Table per 100m

名称 Materials	規格・寸法 Specifications	数量 Quantity	備考 Remarks
杭 (竹) Bamboo Stake	∮10cm以上、長さ3.0m ∮=10cm over, L=3.0m	50.0pcs	
押し竹 Bamboo Cross Bar	4分割した竹, 長さ4.4m Bamboo is divided into four pieces, L=4.4m	150.0pcs	防風材を挟む Put bamboo screen between two cross bars
防風材 Bamboo Screen	8分割した竹,長さ1.9m Bamboo is divided into eight pieces, L=1.9m	1,568.0pcs	透過率40% Permiation Ratio: 40%
鉄線 Steel Wire	亜鉛メッキ鉄線 #12~18 Galvanized Steel Wire #12-18	10.0kg	

# Standard Drawing of Straw Covering Work SCALE: 1/50

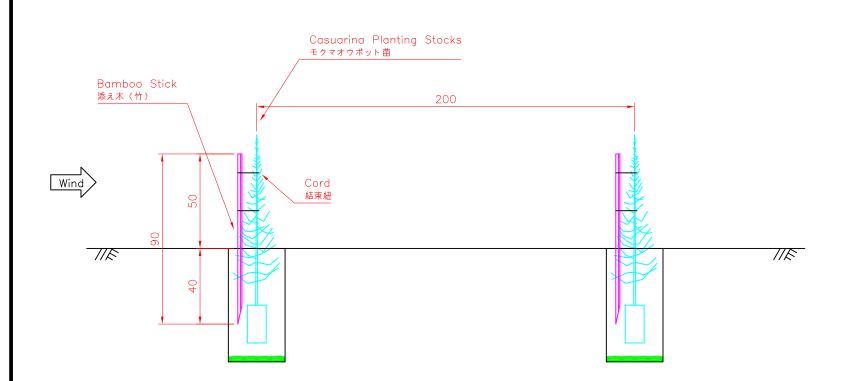


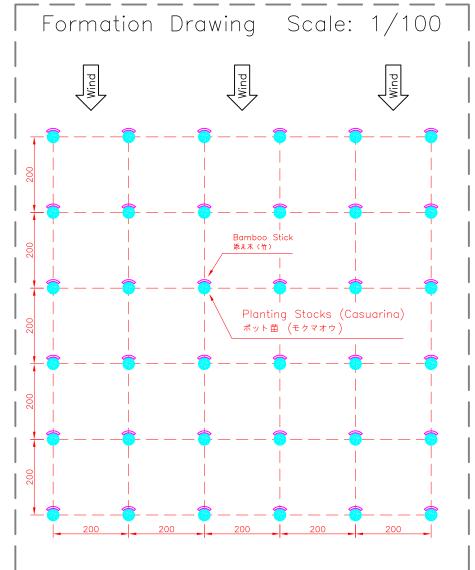
Client:			
Project :			
THE AFFORESTATION PROJECT ON SANDY AREA IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA)			
Financed by Grant Aid:			
JAPAN INTERNATIONAL CO	OPERATION AGENCY (JICA)		
_Consultant :			
JAPAN FOREST ENGINEERI	JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)		
STANDARD DRAWING OF STRAW COVERING WORK			
Date :	<u>Scale:</u> 1 / 50		
_Drawn by :_	Sheet / Job Title and Drawing No. :		
Checked by:	PLANTING ANCILLARY WORKS		
Approved by :	D - 403		

#### 100m2当たり数量表 Quantity Table per 100m2

名称 Materials	規格・寸法 Specifications	数量 Quantity	備考 Remarks
稲わら Rice Straw	長さ60~80cm L=60-80cm	125.0kg	厚さ3cm程度。均等に敷設。 Spread straw equally with approximately 3cm thickness
押さえ竹 Bamboo Bar	8分割した竹,長さ5.0m Bamboo is divided into eight pieces, L=5.0m	66.7pcs	30cmごとに配置 Put bamboo bar at intervals of 30cm
止め杭 Bamboo Stick	16分割した竹,長さ50cm Bamboo is divided into sixteen pieces, L=50cm	800.0pcs	1mごとに設置 One pair of stickes is driven at intervals of one meter
鉄線 Steel Wire	亜鉛メッキ鉄線 #12~18 Galvanized Steel Wire #12-18	3.0kg	

### Standard Drawing of Bamboo Shield Stick SCALE: 1/20

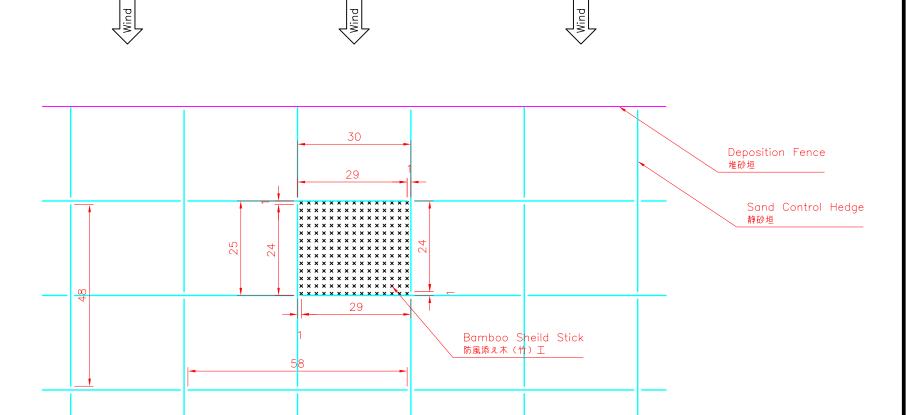




# Client: Project: THE AFFORESTATION PROJECT ON SANDY AREA IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA) Financed by Grant Aid: JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) Consultant: JAPAN FOREST ENGINEERING CONSULTANTS (JFEC) Drawing Title: STANDARD DRAWING OF BAMBOO SHIELD STICK Date: Scale: 1 / 20 and 1/100 Drawn by: Sheet / Job Title and Drawing No.: Checked by: Approved by: D - 404

名称	規格・寸法	数量	備考
Materials	Specifications	Quantity	Remarks
系え木(竹)	4分割した竹、長さ90cm	2,500.0pcs	設置國際:2m×2m
Bamboo Stick	Bamboo is divided into four pieces, L=90cm		Intervals to be set: 2mx2m
結束紐	植栽木1本に2箇所結ぶ	750.0m	結束1箇所につき紐の延長は15cm
Cord	Bind stick and planting stock at two points		L=15cm per one binding point

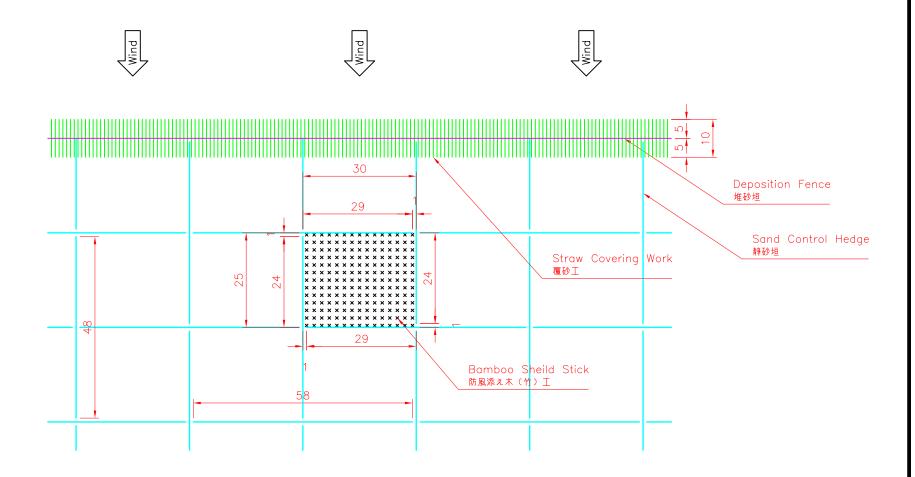
## Standard Drawing of Arrangement Plan for Severe Moving Sand Area, Type A SCALE: 1/1,000



Client :		
Project : THE AFFORESTATION PROINTHE SOCIALIST REPUB		
Financed by Grant Aid :  JAPAN INTERNATIONAL CO	OPERATION AGENCY (JICA)	
Consultant:  JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)		
Drawing Title :  STANDARD DRAWING OF ARRANGEMENT PLAN FOR SEVERE MOVING SAND AREA, TYPE A		
Date :	<u>Scale :</u> 1 / 1,000	
Drawn by :	Sheet / Job Title and Drawing No. :	
_Checked by :_	PLANTING ANCILLARY WORKS	
_Approved by :_	D - 405	

	Tronds - Alexandria		
名称 Materials	規格・寸法 Specifications	数量 Quantity	備考 Remarks
	長前線⊏1列配置 Set up one line in the front line	_	延長は別図面で計上する。 Length should be calculated on another drawing.
静砂垣 Sand Control Hedge	幅30m、臭行25m、各角に1mの通路を設ける。 L=30m, W=25m, Make one meter pathway at each corner.	707.0m	
	設置周隔:2m×2m Intervals to be set: 2mx2m	2,500.0pcs	

## Standard Drawing of Arrangement Plan for Severe Moving Sand Area, Type B SCALE: 1/1,000



Client:		
Project:		
THE AFFORESTATION PRO IN THE SOCIALIST REPUB	LIC OF VIETNAM (APSA)	
Financed by Grant Aid :		
JAPAN INTERNATIONAL CO	OPERATION AGENCY (JICA)	
Consultant:		
JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)		
Drawing Title: STANDARD DRAWING OF ARRANGEMENT PLAN		
FOR SEVERE MOVING S.	AND AREA, TYPE B	
_Date :	<u>Scale:</u> 1 / 1,000	
Drawn by :	Sheet / Job Title and Drawing No. :	
_Checked by :	PLANTING ANCILLARY WORKS	
Approved by :	D - 406	

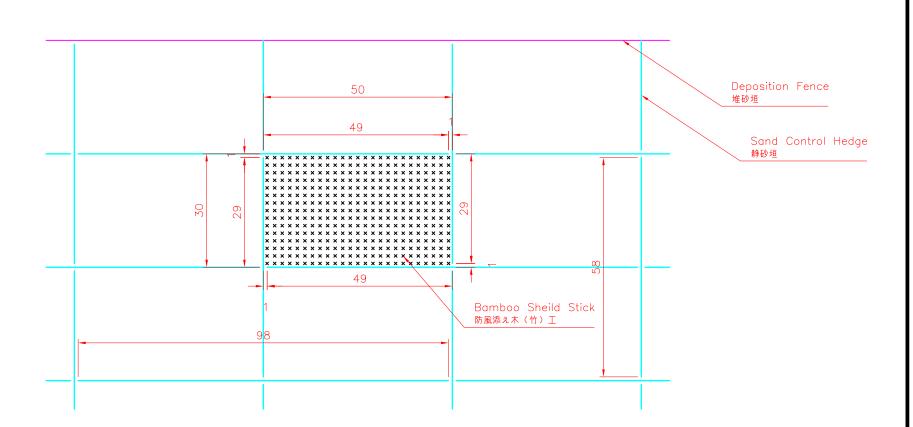
名称 Materials	規格・寸法 Specifications	数量 Quantity	備考 Remarks
	思前線に1列配置 Set up one line in the front line	_	延長は別図面で計上する。 Length should be calculated on another drawing.
静砂垣 Sand Control Hedge	幅30m、臭行25m、各角に1mの通路を設ける。 L=30m, W=25m, Make one meter pathway at each corner.	707.0m	
<b>関砂</b> 上 Straw Covering Work	堆砂垣の前後5.0mに設置 Cover the surface of the sand dune at 5.0m wide in front and behind of deposition fence	_	面積は別図面で計上する。 Area (Size) should be calculated on another drawing.
	設置商隔:2m×2m Intervals to be set: 2mx2m	2,500.0pcs	

Standard Drawing of Arrangement Plan for Severe Moving Sand Area, Type C SCALE: 1/1,000









Client:				
Project: THE AFFORESTATION PROJECT ON SANDY AREA IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA)				
Financed by Grant Aid :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)				
Consultant:  JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)				
Drawing Title :  STANDARD DRAWING OF ARRANGEMENT PLAN FOR SEVERE MOVING SAND AREA, TYPE C				
_Date :	<u>Scale :</u> 1 / 1,000			
Drawn by :	Sheet / Job Title and Drawing No. :			
Checked by :	PLANTING ANCILLARY WORKS			
Approved by :	D - 407			

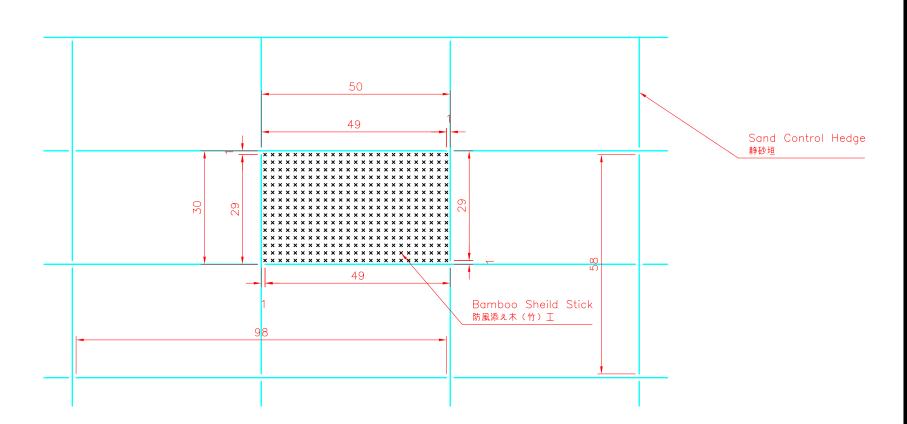
Tional was quality rable por Tiona				
名称 Materials	規格・寸法 Specifications	数量 Quantity	備考 Remarks	
	是前線に1列配置 Set up one line in the front line	-	延長は別図面で計上する。 Length should be calculated on another drawing.	
静砂垣 Sand Control Hedge	幅50m、臭行30m、各角に1mの通路を設ける。 L=50m, W=30m, Make one meter pathway at each corner.	520.0m		
	設置周隔: 2m×2m Intervals to be set: 2mx2m	2,500.0pcs		

## Standard Drawing of Arrangement Plan for Moving Sand Area SCALE: 1/1,000









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Client:						
<del></del>	Project : THE AFFORESTATION PROJECT ON SANDY AREA					
IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA)						
Financed by Grant Aid :						
	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)					
Consultant:  JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)						
STANDARD DRAWING OF ARRANGEMENT PLAN FOR MOVING SAND AREA						
_Date:	Scale:					
	1 / 1,000					
Drawn by :	Sheet / Job Title and Drawing No. :					
Charles de la co						
Checked by:	PLANTING ANCILLARY WORKS					
Approved by :	D - 408					

名称 Materials	規格・寸法 Specifications	数量 Quantity	備考 Remarks
Fifeが返 Sand Control Hedge	幅50m、臭行30m、各角に1mの通路を設ける。 L=50m, W=30m, Make one meter pathway at each corner.	520.0m	
防風添え木(竹)工 Bamboo Shield Stick	設置國隔:2m×2m Intervals to be set: 2mx2m	2,500.0pcs	

PERIMETER MAP
FOR AFFORESTATION PROJECT ON SANDY AREA IN VIETNAM
(APSA PROJECT)

THANH COMMUNE — PHU MY DISTRICT — BINH DINH PROVINCE SCALE: 1/33,333

MY THANH COMMUNE

2,115mMTh-1(4) Term-2mI 3,824mMh-1(2) Term-281 3,824mMh-1(2) implementation in the Term-2 2,664mMh-1(3) Term-281 2,664mMh-1(3) Implementation in the Term-2 2.115m/Mh-1(4) Term-4&II
Mh-1(4) Implementation in the Term-4.101m/Mh-1(5) Term-3&II
4.101m/Mh-1(5) Implementation in the Term-1,385mMTh-1(3) Term-4施工 1,385mMTh-1(3) Implementation in the Term 3,311mMTh-1(7) Term-2#I 3,740mMTh-1(6) Term-2#IL 3,740mMTh-1(6) Implementation in the Tern Deposition Fence #3,#10 3号および10号堆砂垣 MTh-1(4) nce #4 機路・中間 Npecification Deposition Fence #2,; 2号および9号堆砂垣 Deposition 4号堆砂垣 MTh-1(8) MTh - 1(7)日本15m Deposition Fence #8 H=1.5m Aを推移性 Deposition Fence #4 H=1.5m Deposition Fence #5 H=1.5m Deposition Fence #5 H=1.5m 19集砂值 萬 1.5m Deposition Fence #1 H=1.5m 29集砂值 萬 1.5m Deposition Fence #2 H=1.5m 9号准砂焰 Deposition Fence #9H=1.5m MTh - 1(3)PHU CAT DISTRICT 8#aou Deposition Fence 1号堆砂垣 MTh - 1(2)Hung Lac (2) PLANTING ANCILLARY WORKS Scale: 1 / 33,333
Sheet / Job Title and Drawing No. Financed by Grant Aid:

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

Consultant:

JAPAN FOREST ENGINEERING CONSULTANTS (JFEC)

Drowing Title: THE AFFORESTATION PROJECT ON SANDY AREA IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA) SITE PLAN OF DEPOSITION FENCE IN MTh-1 D - 409 Inium Mining Area MTh-1(1) MTh-1(9) Casuarina Plantation Car Road MY AN COMMUNE

BINH DINH PROVINCE PERIMETER MAP

N PROJECT ON SANDY AREA IN VIETNAM

(APSA PROJECT)

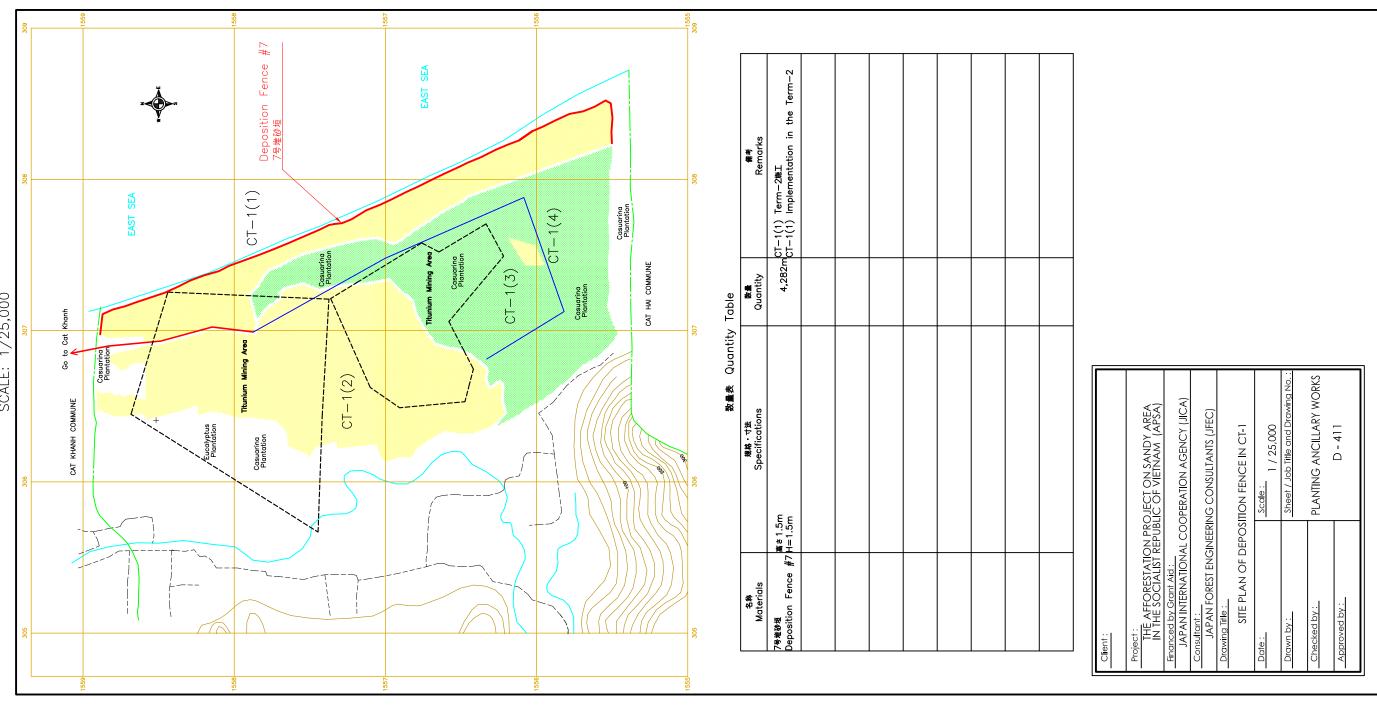
- PHU CAT DISTRICT — BINH DINH PROVIN

SCALE: 1/25,000 FOR AFFORESTATION CAT KHANH COMMUNE

2541mCK-1(1) Term-2 $\hbar$ T CK-1(1) Implementation in the Term-2 Deposition Fence #6 6号堆砂垣 CK + 1(1)Quantity Table CAT THANH COMM PLANTING ANCILLARY WORKS D - 410 CK - 1(2)THE AFFORESTATION PROJECT ON SANDY AREA IN THE SOCIALIST REPUBLIC OF VIETNAM (APSA) JAPAN FOREST ENGINEERING CONSULTANTS (JFEC) Scale: 1 / 25,000 Sheet / Job Title and Dro SITE PLAN OF DEPOSITION FENCE IN CK-1 6号维砂垣 Deposition Fence #6H=1.5m 名称 Materials

- BINH DINH PROVINCE PERIMETER MAP
FOR AFFORESTATION PROJECT ON SANDY AREA IN VIETNAM
(APSA PROJECT)

THANH COMMUNE - PHU CAT DISTRICT - BINH DINH PROV CAT THANH COMMUNE



200m 100 0