添付資料 10.3 設計図面 (誘導路及びエプロン)



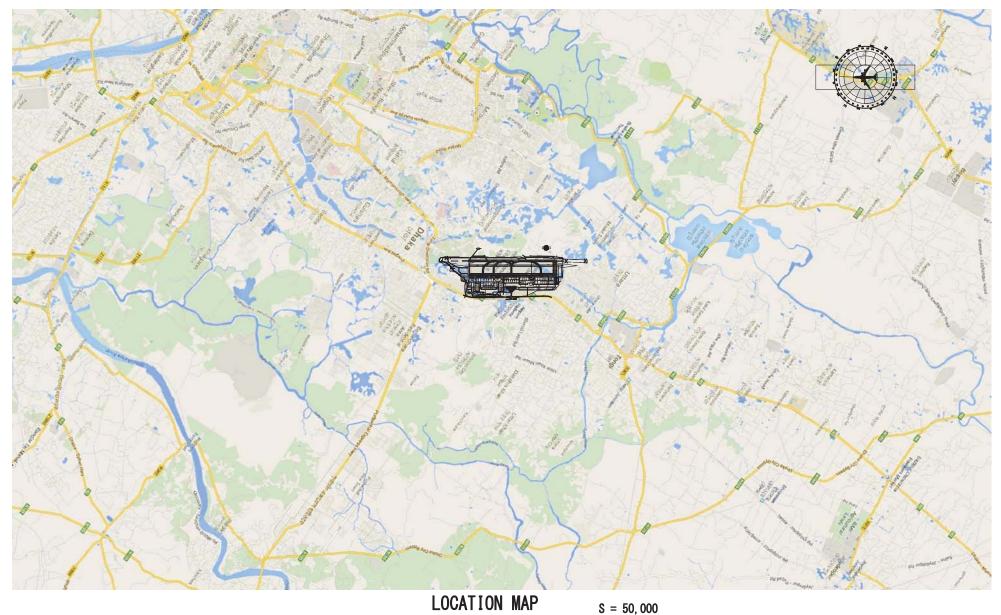
# PREPARATELY SURVEY OF EXPANSION OF HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

DRAWINGS
T5 RAPID EXIT TAXIWAY
T10 TAXIWAY
T12 TAXIWAY
PASSENGER APRON

January 2017

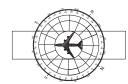
Nippon Koei Co., Ltd.

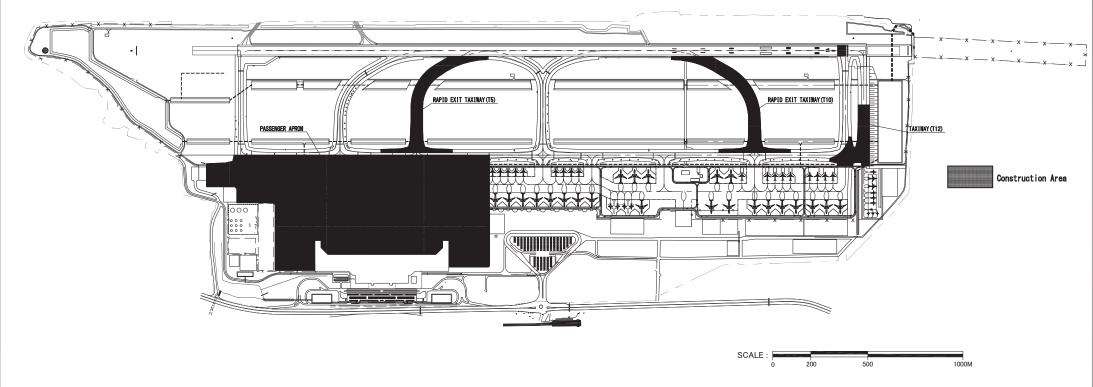
	DRAWING LIST		
DWG NO	SHEET TITLE	SCALE	Number of sheets
1	LOCATION MAP	1:50,000	1
2	DESIGN LAYOUT	1:7,000	1
3	EXISTING TOPOGRAPHICAL AND DESIGN LAYOUT	1:7,000	1
	RAPID EXIT TAXIWAY(T5)		
4	RAPID EXIT TAXIWAY GENERAL PLAN(T5)	1:2,000	1
5 ~ 6	GEOMETRIC OF BASIC POINTS (1) $\sim$ (2)	1:1,000	2
7	RAPID EXIT TAXIWAY PLAN & PROFILE	H=1,000 V=1:100	1
8	PAVEMENT TYPICAL CROSS SECTION	H=400 V=40	1
9 ~ 10	PAVEMENT HEIGHTS PLAN (1) $\sim$ (2)	1:1,000	2
11	PAVEMENT LAYOUT PLAN	1:2,000	1
	RAPID EXIT TAXIWAY(T10)		
12	RAPID EXIT TAXIWAY GENERAL PLAN(T10)	1:2,000	1
13 ∼ 14	GEOMETRIC OF BASIC POINTS (1) $\sim$ (2)	1:1,000	2
15	RAPID EXIT TAXIWAY PLAN & PROFILE	H=1,000 V=1:100	1
16	PAVEMENT TYPICAL CROSS SECTION	H=400 V=40	1
17 ~ 18	PAVEMENT HEIGHTS PLAN (1) $\sim$ (2)	1:1,000	2
19	PAVEMENT LAYOUT PLAN	1:2,000	1
	TAXIWAY (T12)		
20	TAXIWAY GENERAL PLAN(T12)	1:2,000	1
21	GEOMETRIC OF BASIC POINTS (1) $\sim$ (2)	1:1,000	1
22	TAXIWAY PLAN & PROFILE	H=1,000 V=1:100	1
23	PAVEMENT TYPICAL CROSS SECTION	H=400 V=40	1
24	PAVEMENT HEIGHTS PLAN (1) $\sim$ (2)	1:1,000	1
25	PAVEMENT LAYOUT PLAN	1:2,000	1
	PASSENGER APPRON		
26	APRON GENERAL PLAN	1:2,000	1
27	GEOMETRIC OF BASIC POINTS	1:2,000	1
28	PAVEMENT TYPICAL CROSS SECTION	H=1,1000 V=1:50	1
29	PAVEMENT HEIGHTS PLAN	1:2,000	1
30	PAVEMENT LAYOUT PLAN	1:2,000	1
31	PAVEMENT JUNCTION DETAILS	1:200	1



S = 50,000

	PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :	$\vdash$		DRAWN BY		CHECKED BY:	REVIEWED BY:	APPROVED BY:
		**					CHECKED BY				
				LOCATION MAP			APPROVED BY				
				LOCATION WAI							
	HAZRAT SHAHJALAL INTERNATIONAL AIRPORT			DAGLO DEGLOS	+		+				
	PREPARATELY SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN	$\blacksquare$						
	HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : 1:50,000	$\vdash$		-		THE ENGINEED	DDG IFOT DIDFOTOD	OUTE CHOTHEED
L		KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No.1					THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER

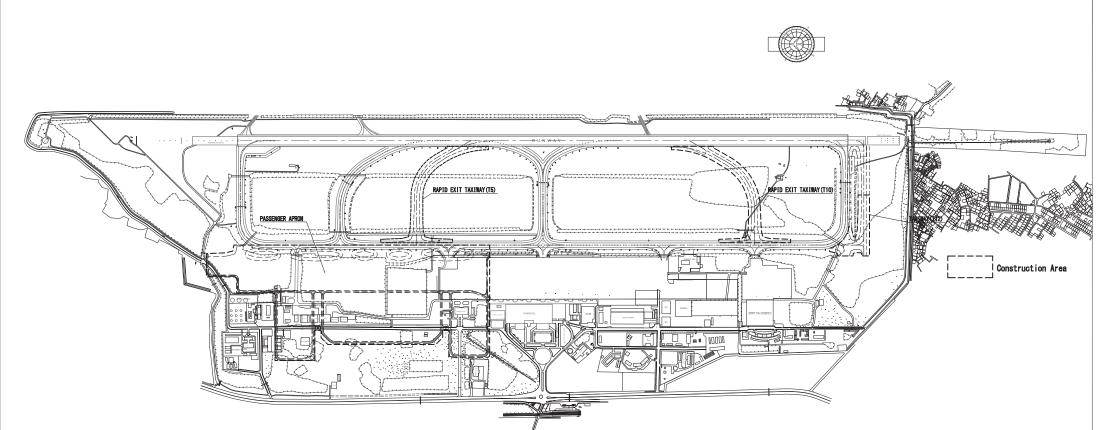




# DESIGN LAYOUT

S = 7,000

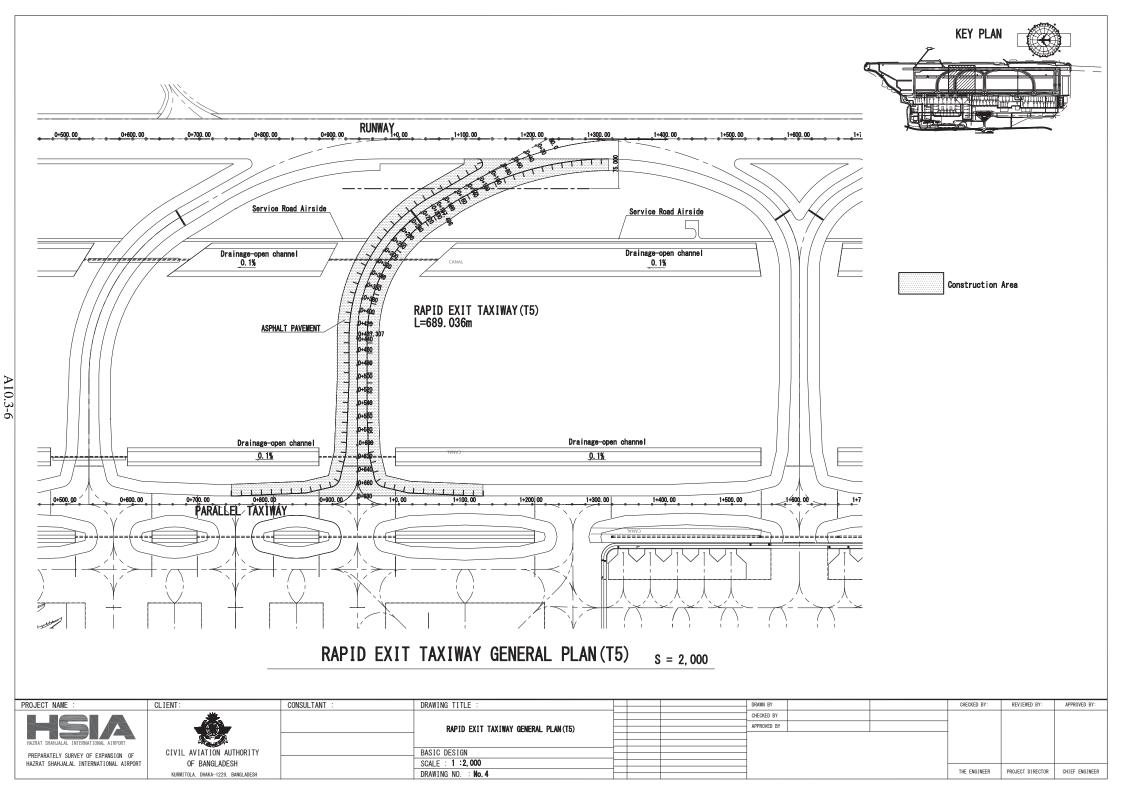
PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :		DRAWN BY		CHECKED BY:	REVIEWED BY:	APPROVED BY:
	*				CHECKED BY				
			DESIGN LAYOUT		APPROVED BY				
			DEDICAL EXTOCI			•			
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT			DIOTO DEGION		+				
PREPARATELY SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN						
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT			SCALE : 1 :7,000		+		THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER
	KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 2		Ī		I TE ENGINEEK	PROJECT DIRECTOR	UNIEF ENGINEER



# EXISTING TOPOGRAPHICAL AND DESIGN LAYOUT

S = 7,000

PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :		DRAWN BY		CHECKED BY:	REVIEWED BY:	APPROVED BY:
	**				CHECKED BY				
	484		EXISTING TOPOGRAPHICAL AND DESIGN LAYOUT		APPROVED BY		1		
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	CIVIL AVIATION AUTHORITY		BASIC DESIGN						
PREPARATELY SURVEY OF EXPANSION OF HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : 1 :7,000						
HAZRAT SHAHDALAL INTERNATIONAL AIRFORT	KURMITOLA. DHAKA-1229. BANGLADESH		DRAWING NO. : No. 3				THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER



THE ENGINEER

PROJECT DIRECTOR

CHIEF ENGINEER

BASIC DESIGN

SCALE : 1 : 1,000

DRAWING NO. : No. 5

CIVIL AVIATION AUTHORITY

OF BANGLADESH

KURMITOLA, DHAKA-1229, BANGLADESH

PREPARATELY SURVEY OF EXPANSION OF HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

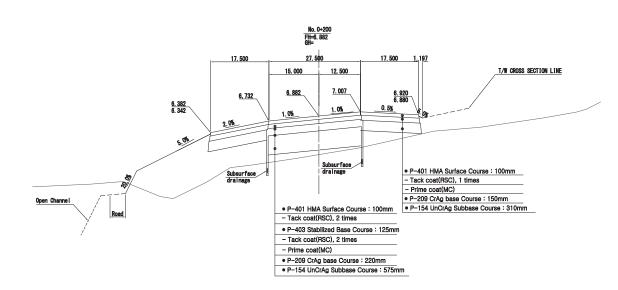
DRAWING NO. : No. 6

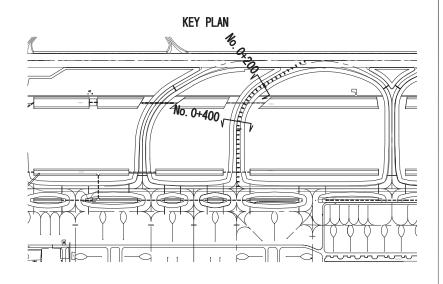
KURMITOLA, DHAKA-1229, BANGLADESH

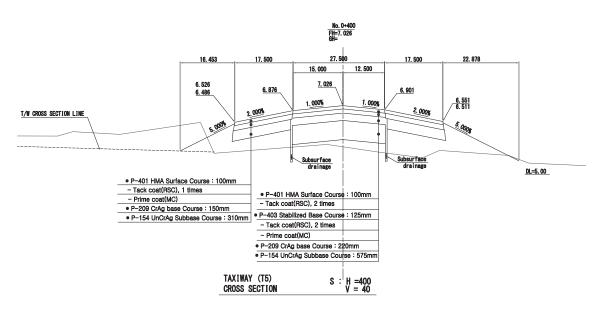
THE ENGINEER

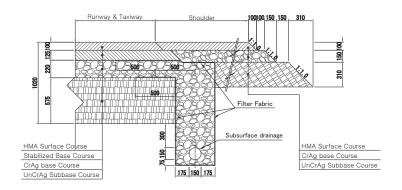
PROJECT DIRECTOR

CHIEF ENGINEER









TAXIWAY(T5) Edge Details S=1:20

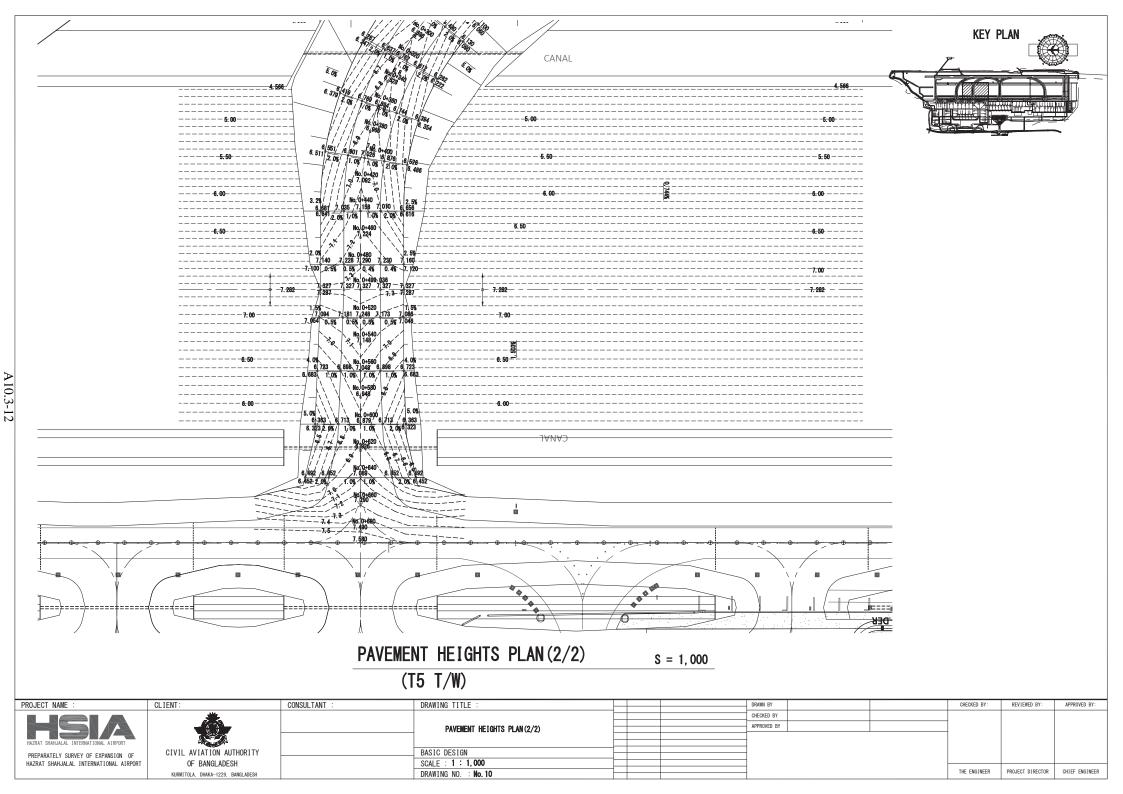
PAVEMENT TYPICAL CROSS SECTION

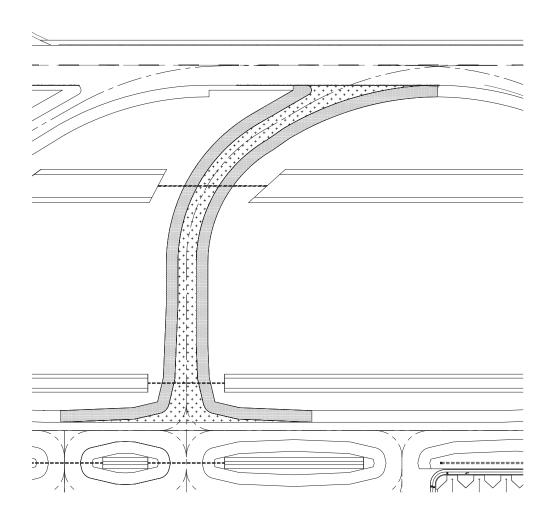
S: H =400 V = 40

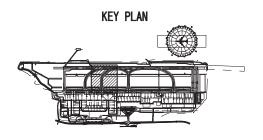
PROJECT	NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :	$\vdash$		DRAWN BY	CHECKED BY:	REVIEWED BY:	APPROVED BY:
		<u> </u>					CHECKED BY			
				PAVEMENT TYPICAL CROSS SECTION	$\vdash$		APPROVED BY			
				TATEMENT THE GROOD GEGTTON						
HAZRAT SHA	HJALAL INTERNATIONAL AIRPORT			DAGLO DEGLOS	+		-			
	ELY SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN						
HAZRAT SH	HAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : H=1:400 V=1:40	_		-	THE ENGINEED	DDG IFGT D IDFGTOD	OUTE ENGINEED
		KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 7				THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER

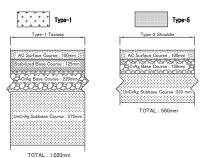
DRAWING NO. : No. 9

KURMITOLA, DHAKA-1229, BANGLADESH









PAVEMENT LAYOUT PLAN

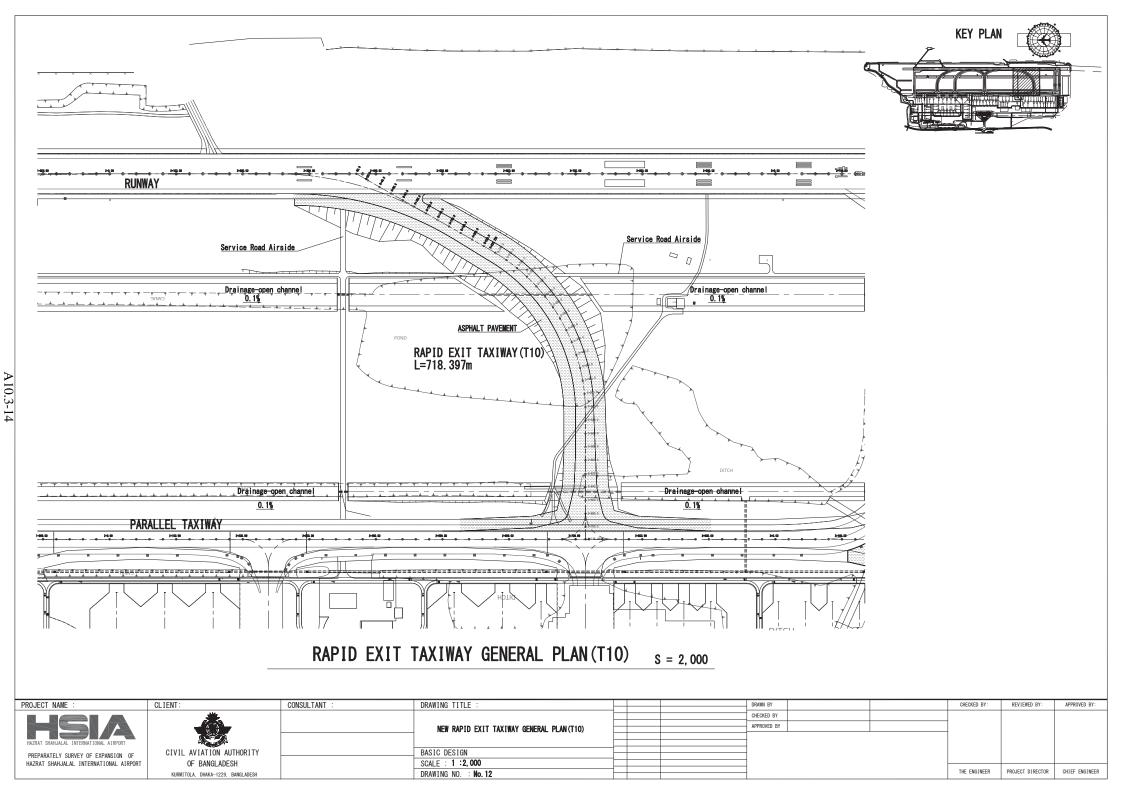
S = 2,000

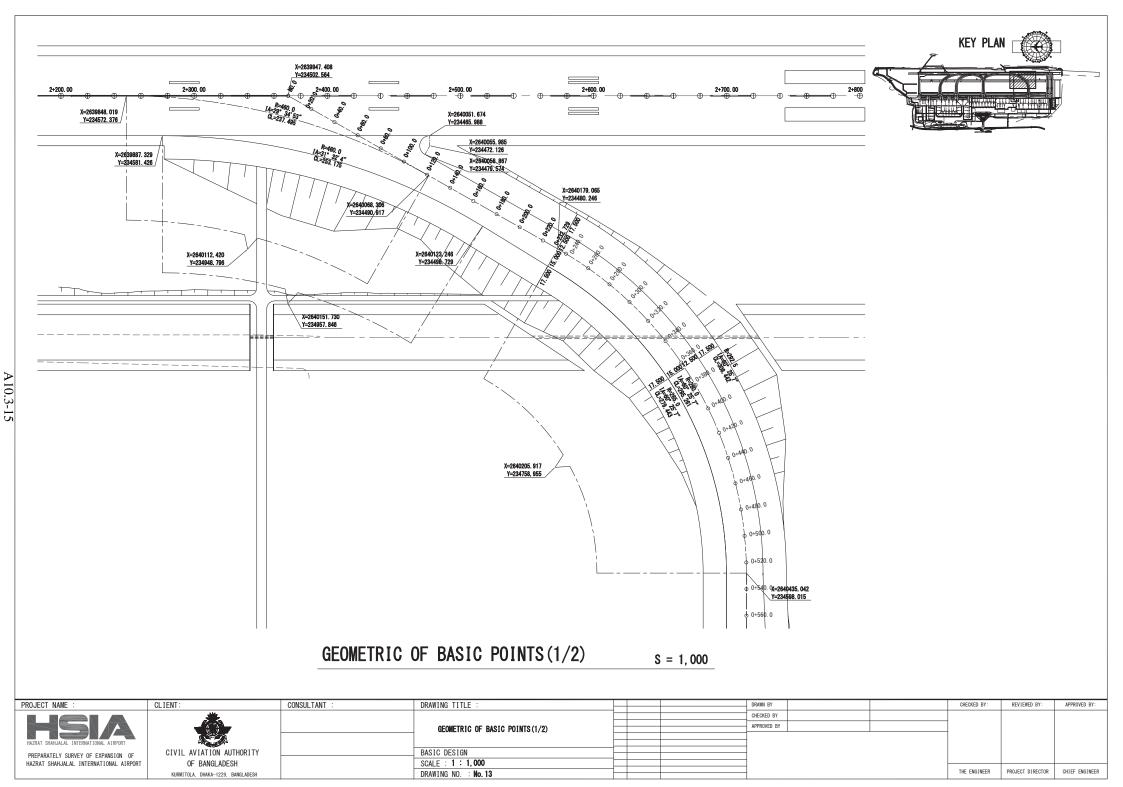
PROJECT NAME :
HSIA
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT
PREPARATELY SURVEY OF EXPANSION OF HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

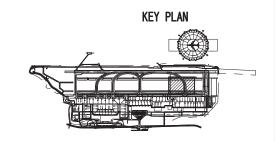
LIENT:
CIVIL AVIATION AUTHORITY
OF BANGLADESH
KURMITOLA DHAKA_1220 RANGLADESH

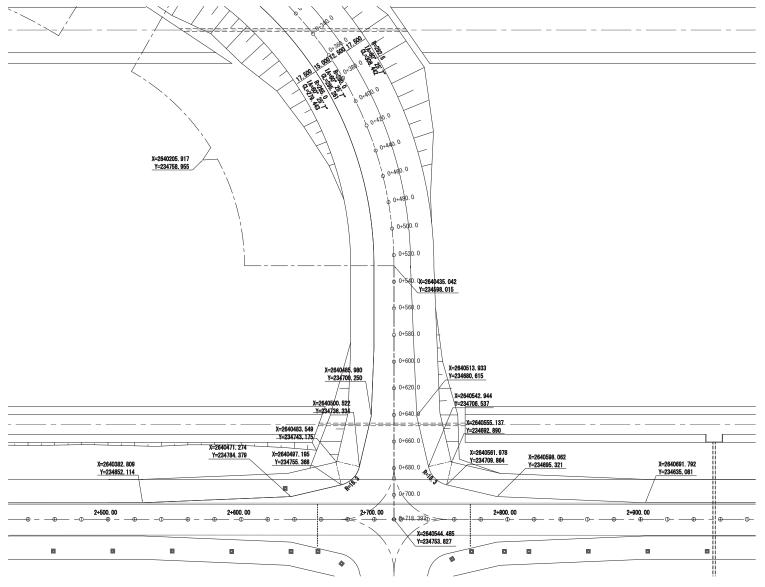
	CONSULTANT :	DRAWING TITLE :		
	OOHOOLI7HTI .	Didwind Title .		
<u> 486.</u>				
V . 3		PAVEMENT LAYOUT PLAN		
4				
/IATION AUTHORITY		BASIC DESIGN		
TATION AUTHORITI				
BANGLADESH		SCALE : 1:2,000		
		DRIVERIO DO N. 44		
, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 11		

	DRAWN BY		CHECKED BY:	REVIEWED BY:	APPROVED BY:
	CHECKED BY				
	APPROVED BY				
_					
			THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER





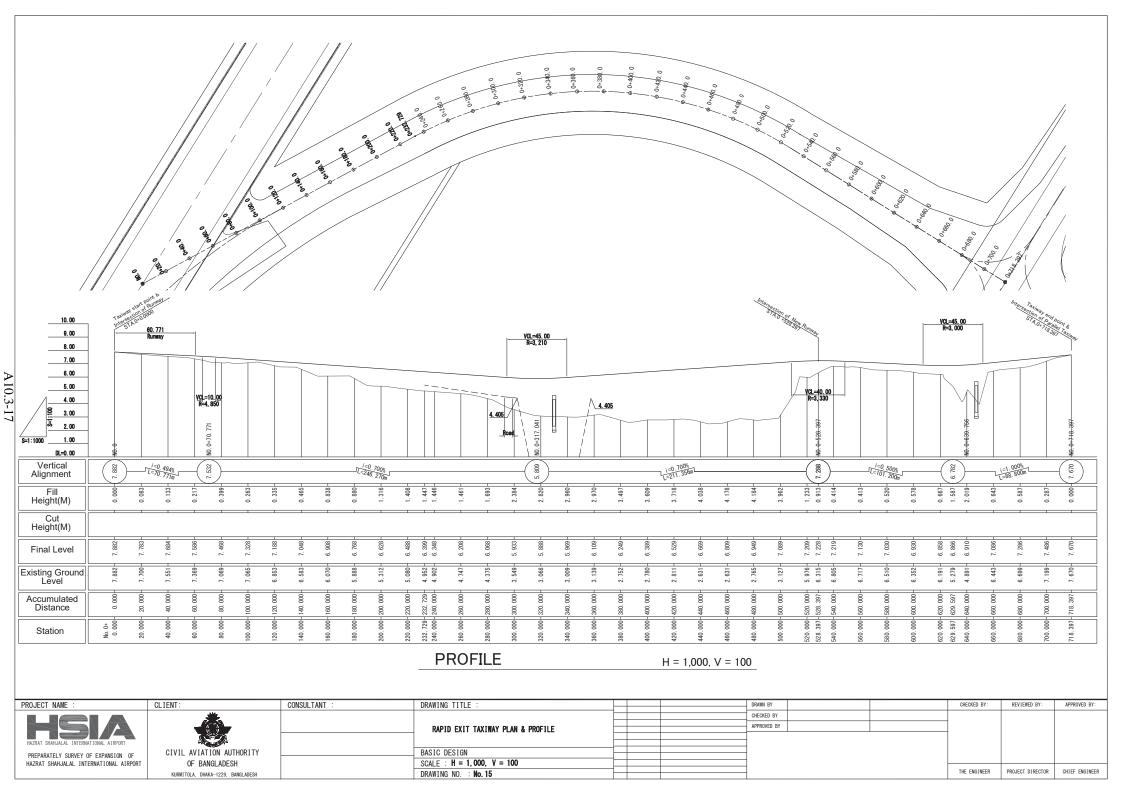




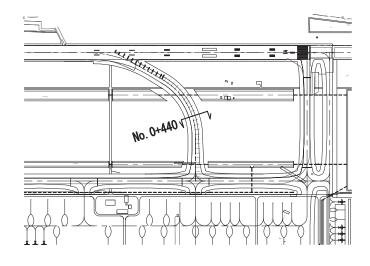
GEOMETRIC OF BASIC POINTS (2/2)

S = 1,000

	PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :		DRAWN BY	CHECKED BY:	REVIEWED BY:	APPROVED BY:
		*				CHECKED BY			
				GEOMETRIC OF BASIC POINTS(2/2)		APPROVED BY			
	HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	CIVIL AVIATION AUTHORITY		BASIC DESIGN					
	PREPARATELY SURVEY OF EXPANSION OF								
	HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : S = 1,000			THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER
L		KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 14			THE ENGINEER	PROJECT DIRECTOR	GITEF ENGINEER



### KEY PLAN



CHECKED BY:

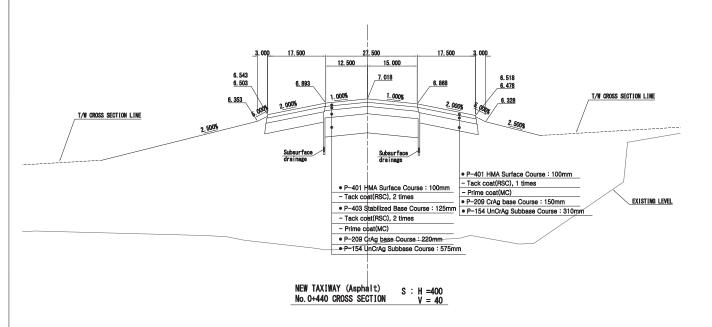
THE ENGINEER

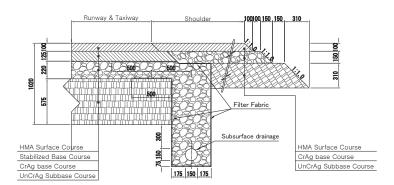
REVIEWED BY:

PROJECT DIRECTOR

APPROVED BY:

CHIEF ENGINEER



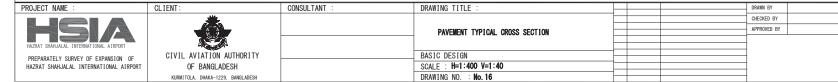


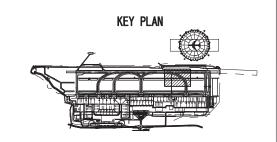
NEW TAXIWAY (Asphalt) Edge Details

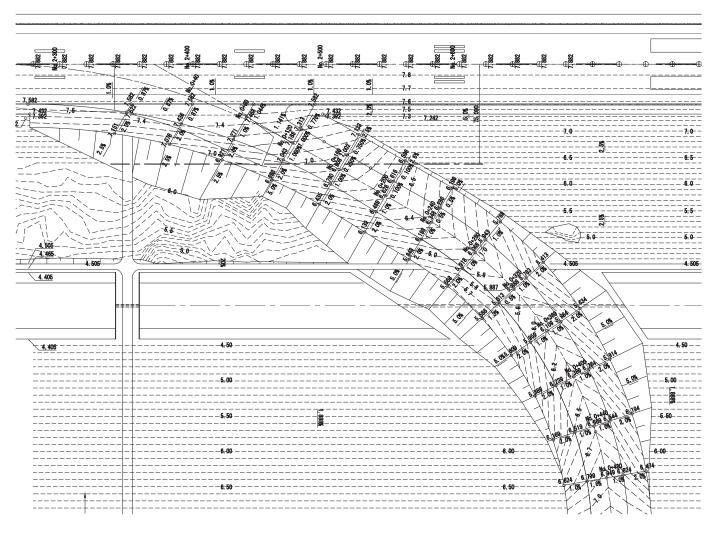
S=1:20

PAVEMENT TYPICAL CROSS SECTION

S: H=400 V=40



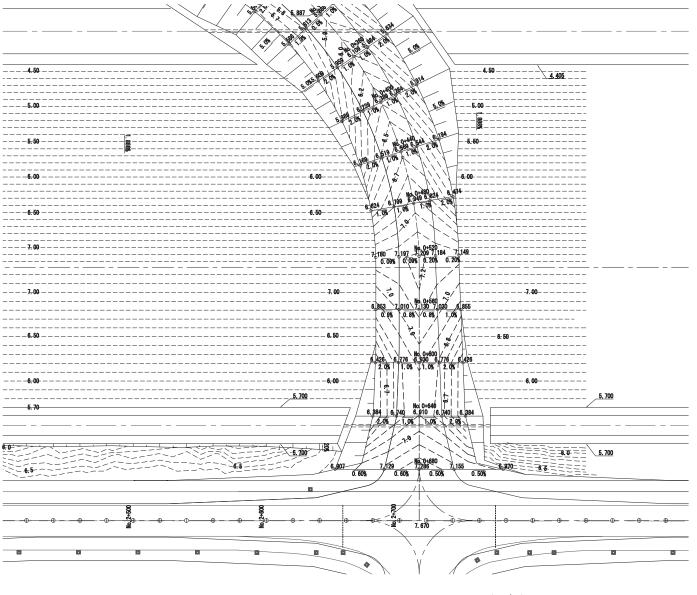


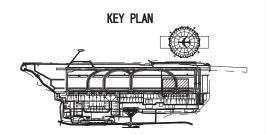


PAVEMENT HEIGHTS PLAN (1/2)

S = 1,000

PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :			DRAWN BY	CHECKED BY:	REVIEWED BY:	APPROVED BY:
			PAVEMENT HEIGHTS PLAN (1/2)			CHECKED BY			
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT						APPROVED BY			
		<b>7</b>							
PREPARATELY SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN						
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : S = 1,000						
	KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 17	$\vdash$			THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER

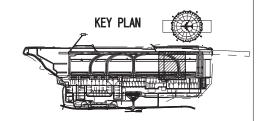


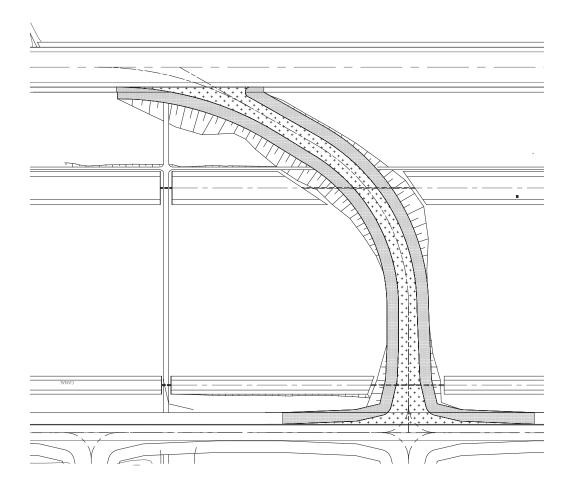


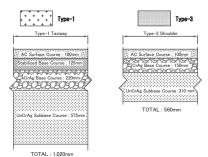
PAVEMENT HEIGHTS PLAN (2/2)

S = 1,000

PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :		DRAWN BY		CHECKED BY:	REVIEWED BY:	APPROVED BY:
	**				CHECKED BY				
			PAVEMENT HEIGHTS PLAN (2/2)		APPROVED BY				
			THE METALLO I DUTCE, E.						
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT			BLOVE BESTON		-				
PREPARATELY SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN						
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : S = 1,000		-				
	KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 18		1		THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER



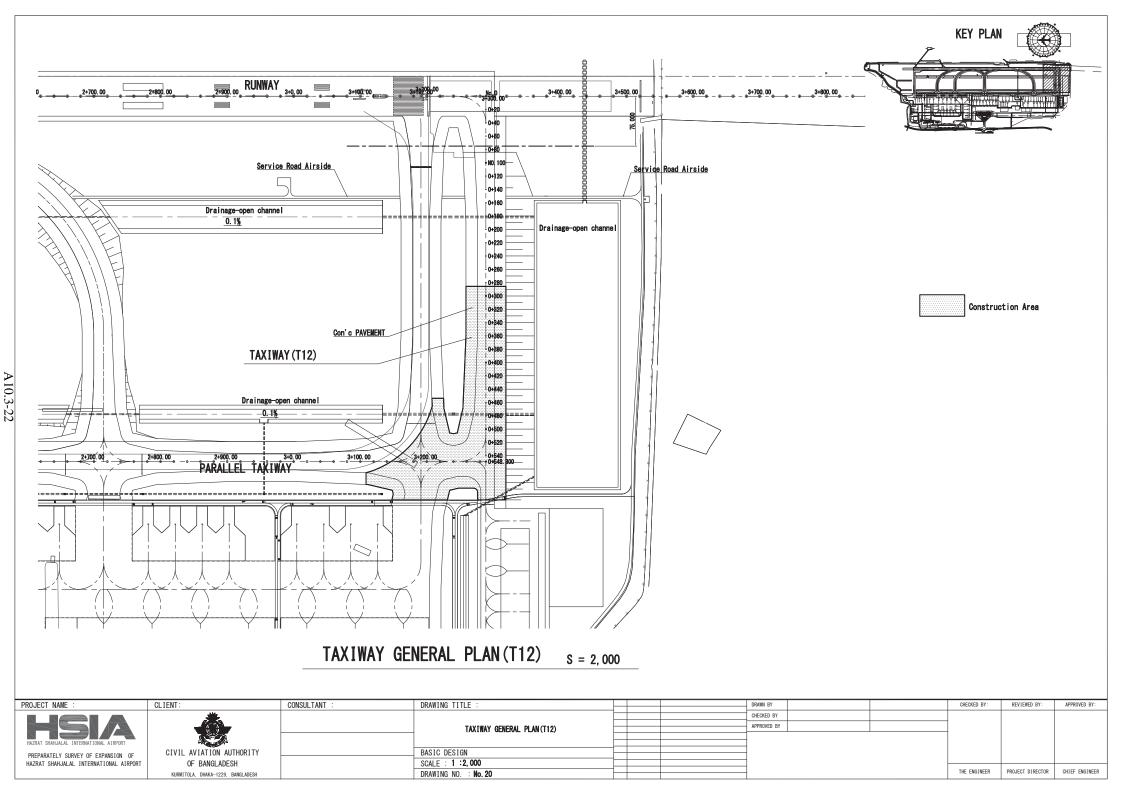




PAVEMENT LAYOUT PLAN

S = 2,000

PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :	DRAWN BY	CHECKED BY:	REVIEWED BY:	APPROVED BY:
				CHECKED BY			
HSIA			PAVEMENT LAYOUT PLAN	APPROVED BY		ı	
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT				-			ļ
PREPARATELY SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN	-			
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : 1:2,000				
	KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 19	1	THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER



DRAWING NO. : No. 21

KURMITOLA, DHAKA-1229, BANGLADESH

PROJECT DIRECTOR

THE ENGINEER

CHIEF ENGINEER

THE ENGINEER

PROJECT DIRECTOR

CHIEF ENGINEER

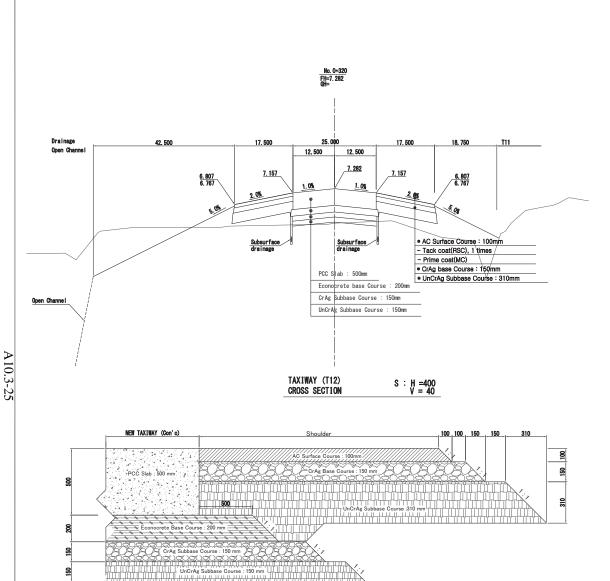
SCALE : H = 1,000, V = 100

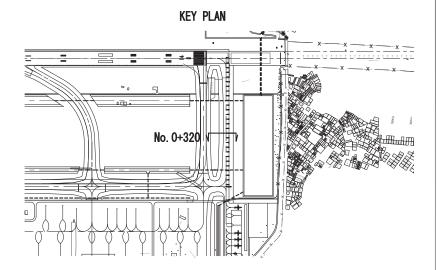
DRAWING NO. : No. 22

HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

OF BANGLADESH

KURMITOLA, DHAKA-1229, BANGLADESH





CHECKED BY:

THE ENGINEER

REVIEWED BY:

PROJECT DIRECTOR

APPROVED BY:

CHIEF ENGINEER

PAVEMENT TYPICAL CROSS SECTION

S: H =400 V = 40

PROJECT NAME:

HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

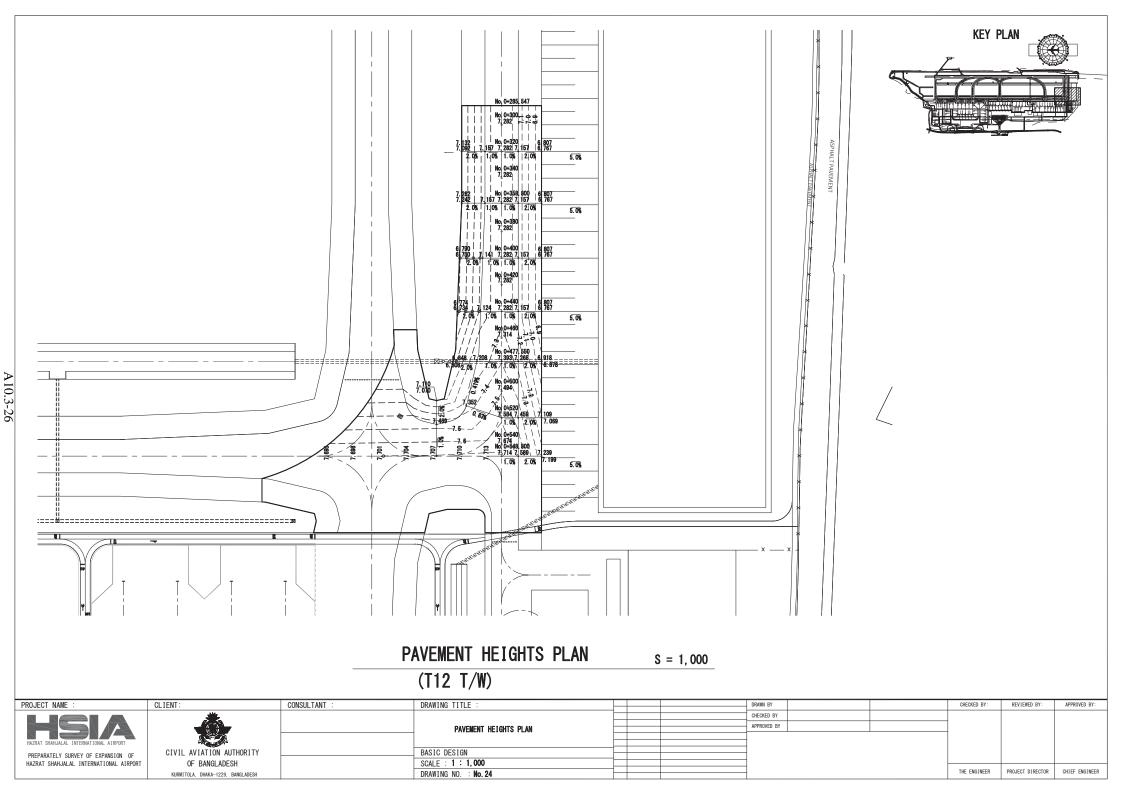
PREPARATELY SURVEY OF EXPANSION OF
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

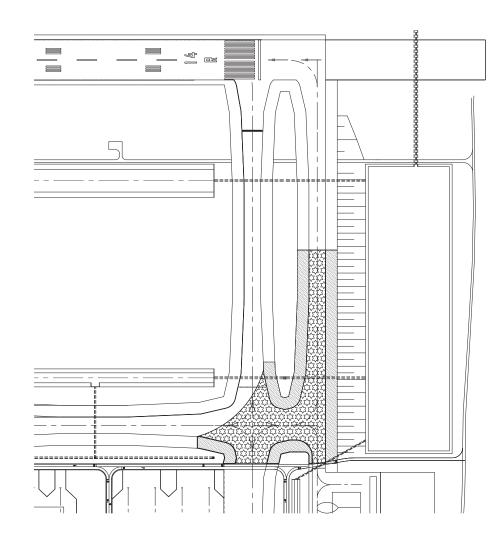
CLIENT:
CIVIL AVIATION AUTHORITY
OF BANGLADESH
KURMITOLA, DHAKA-1229, BANGLADESH

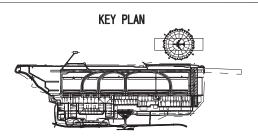
Taxiway(Con'c) and Shoulder Junction Details

S = 1:10

CONSULTANT







Type-2

Type-5

Type-2 Ramay & Tolleny & Agron

PDG Stah. 500 mm

AC Surface Course : 100mm | Grag Base Course : 150mm | Grag Base Course : 150mm | UnCrag Subbase Course : 310 mm

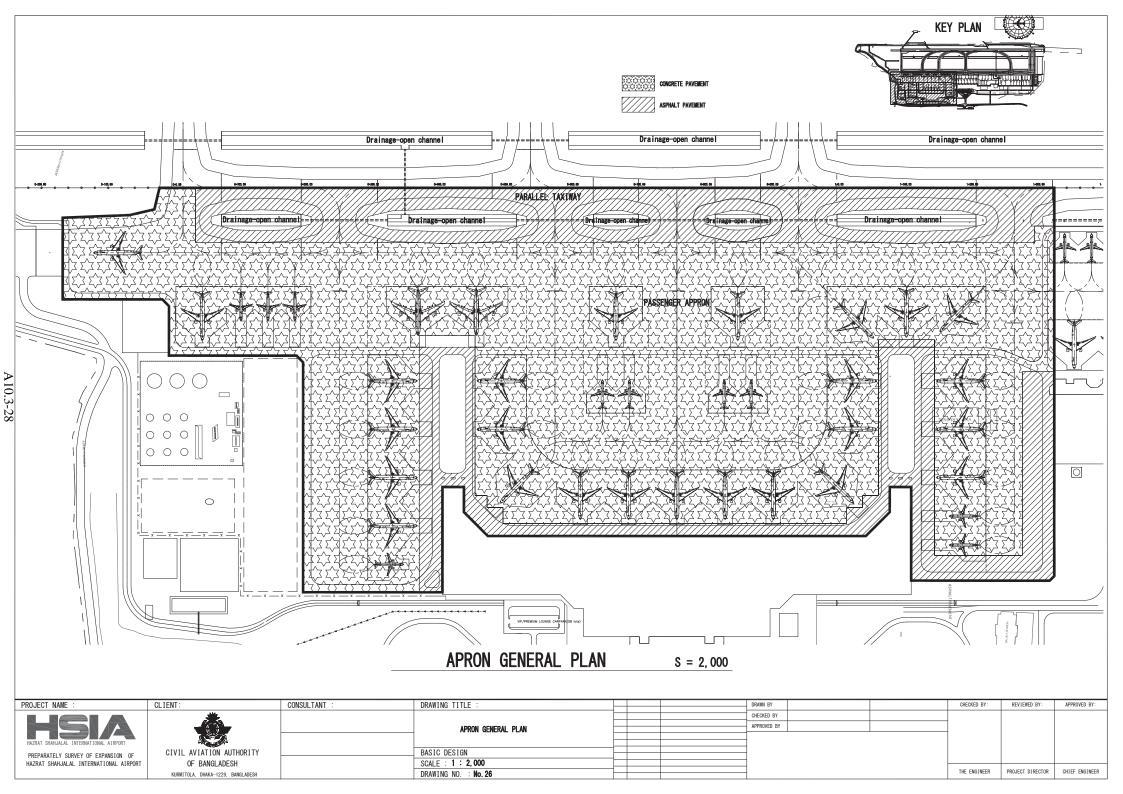
TOTAL: 560mm

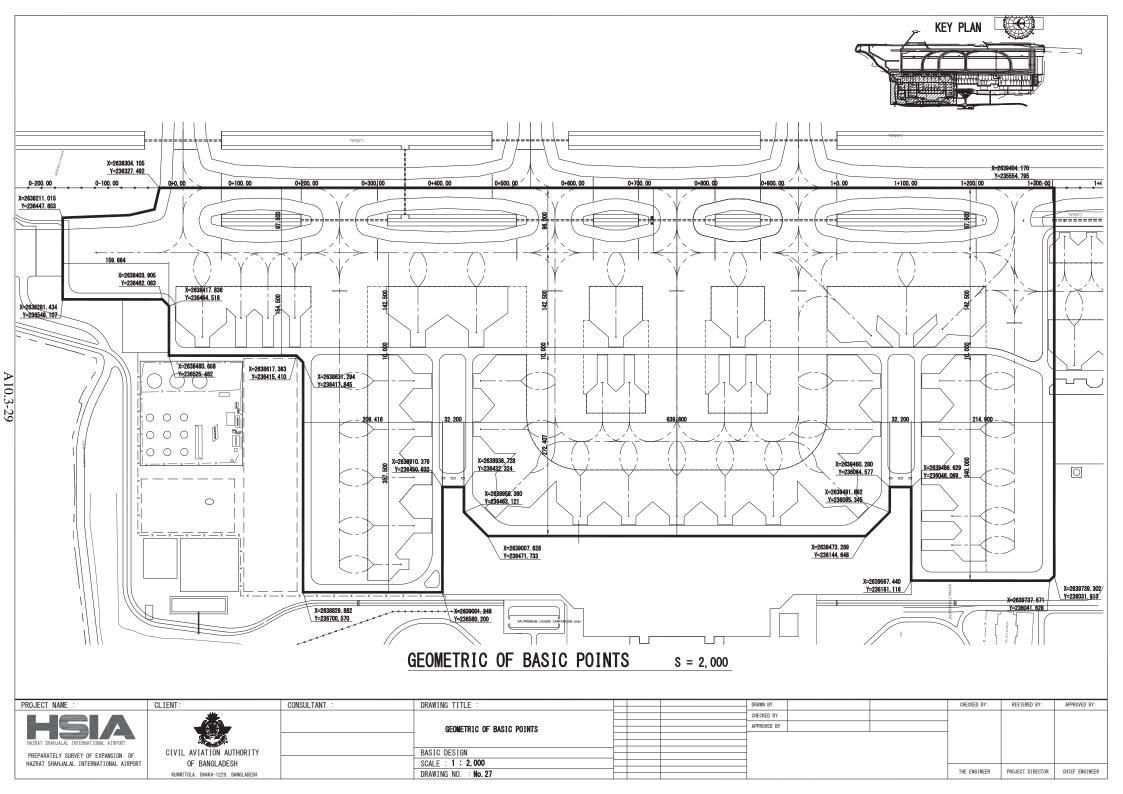
TOTAL : 1,000mm

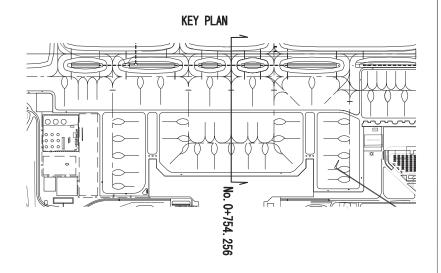
PAVEMENT LAYOUT PLAN

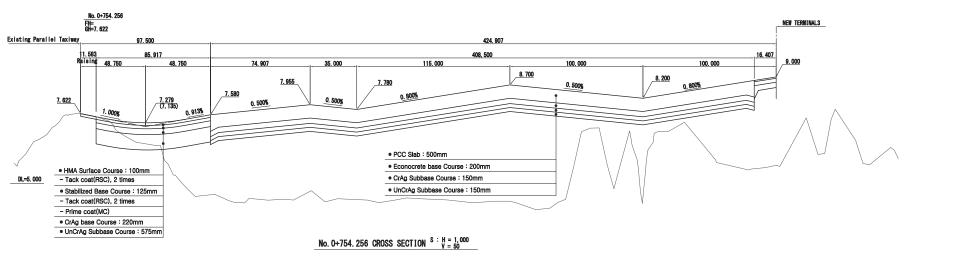
S = 2,000

PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :		DRAWN BY		CHECKED BY:	REVIEWED BY:	APPROVED BY:
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	<u> </u>				CHECKED BY				
			PAVEMENT LAYOUT PLAN		APPROVED BY				
PREPARATELY SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN		1				
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : 1:2,000						
	KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 25		-		THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER







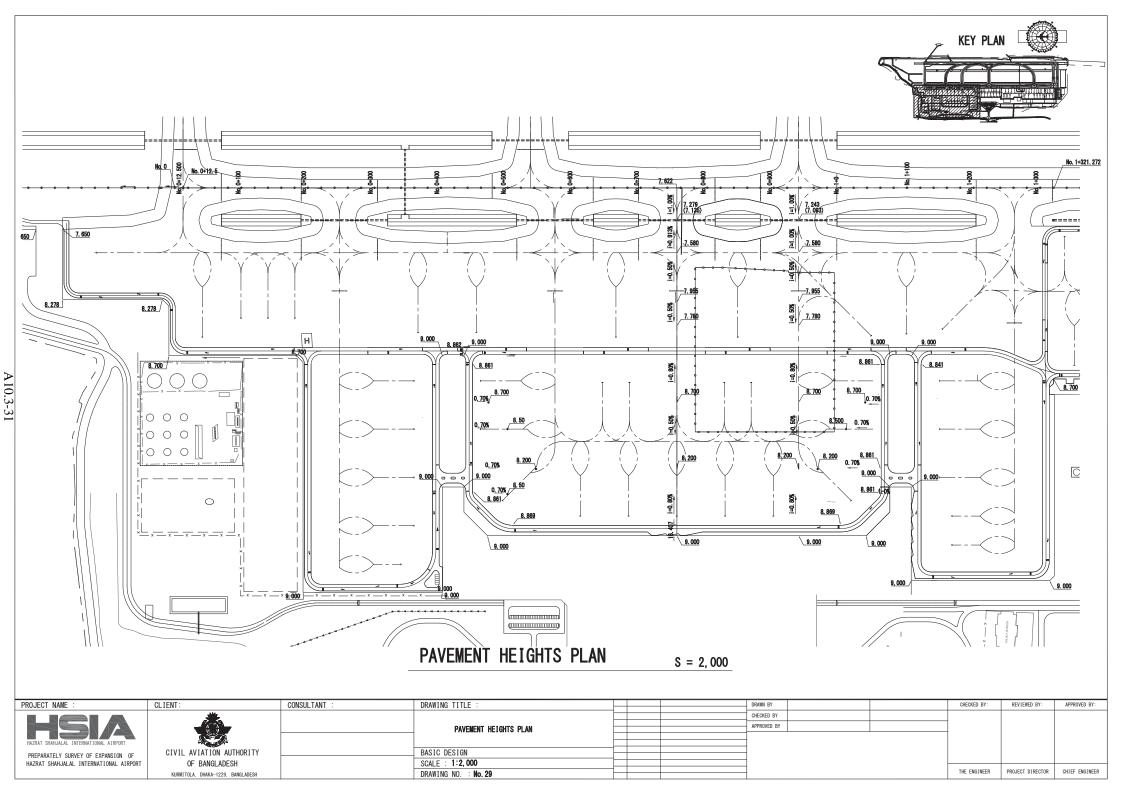


# PAVEMENT TYPICAL CROSS SECTION

Apron (Con' c)

S: H = 1,000 V = 50

PROJECT NAMI	E :	CLIENT:	CONSULTANT :	DRAWING TITLE :		DRAWN BY		CHECKED BY:	REVIEWED BY:	APPROVED BY:
HEIA		**				CHECKED BY				
			PAVEMENT TYPICAL CROSS SECTION		APPROVED BY					
				17.17.22.11.11.10.12.01.00.00.00.00.00.00.00.00.00.00.00.00.						
	L INTERNATIONAL AIRPORT			DACIO DECION		-				
	SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN						
HAZRAT SHAHJA	LAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : H=1 : 1,000 V=1 : 50		$\dashv$		THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER
		KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 28				THE ENGINEER	PROJECT DIRECTOR	OHIEF ENGINEER



THE ENGINEER

PROJECT DIRECTOR

CHIFF ENGINEER

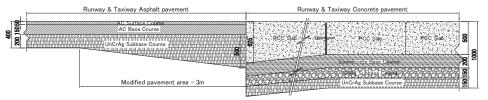
SCALE : 1:2,500

DRAWING NO. : No. 30

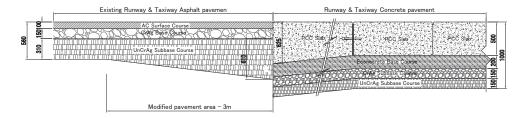
PREPARATELY SURVEY OF EXPANSION OF HAZRAT SHAHJALAL INTERNATIONAL AIRPORT

OF BANGLADESH

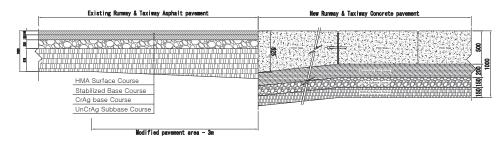
KURMITOLA, DHAKA-1229, BANGLADESH



Terminal 3 Front(Asphalt) and Terminal 3 Apron(Con'c) Junction Details



Taxiway and Apron(Con'c) Junction Details S = 1: 200



Taxiway and Apron (Con'c) Junction Details S = 1: 200

## PAVEMENT JUNCTION DETAILS S =1: 200

PROJECT NAME :	CLIENT:	CONSULTANT :	DRAWING TITLE :		DRAWN BY		CHECKED BY:	REVIEWED BY:	APPROVED BY:
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	**		PAVEMENT JUNCTION DETAILS		CHECKED BY				
					APPROVED BY				
PREPARATELY SURVEY OF EXPANSION OF	CIVIL AVIATION AUTHORITY		BASIC DESIGN						
HAZRAT SHAHJALAL INTERNATIONAL AIRPORT	OF BANGLADESH		SCALE : H=1 : 200						
	KURMITOLA, DHAKA-1229, BANGLADESH		DRAWING NO. : No. 31				THE ENGINEER	PROJECT DIRECTOR	CHIEF ENGINEER

(余 白)