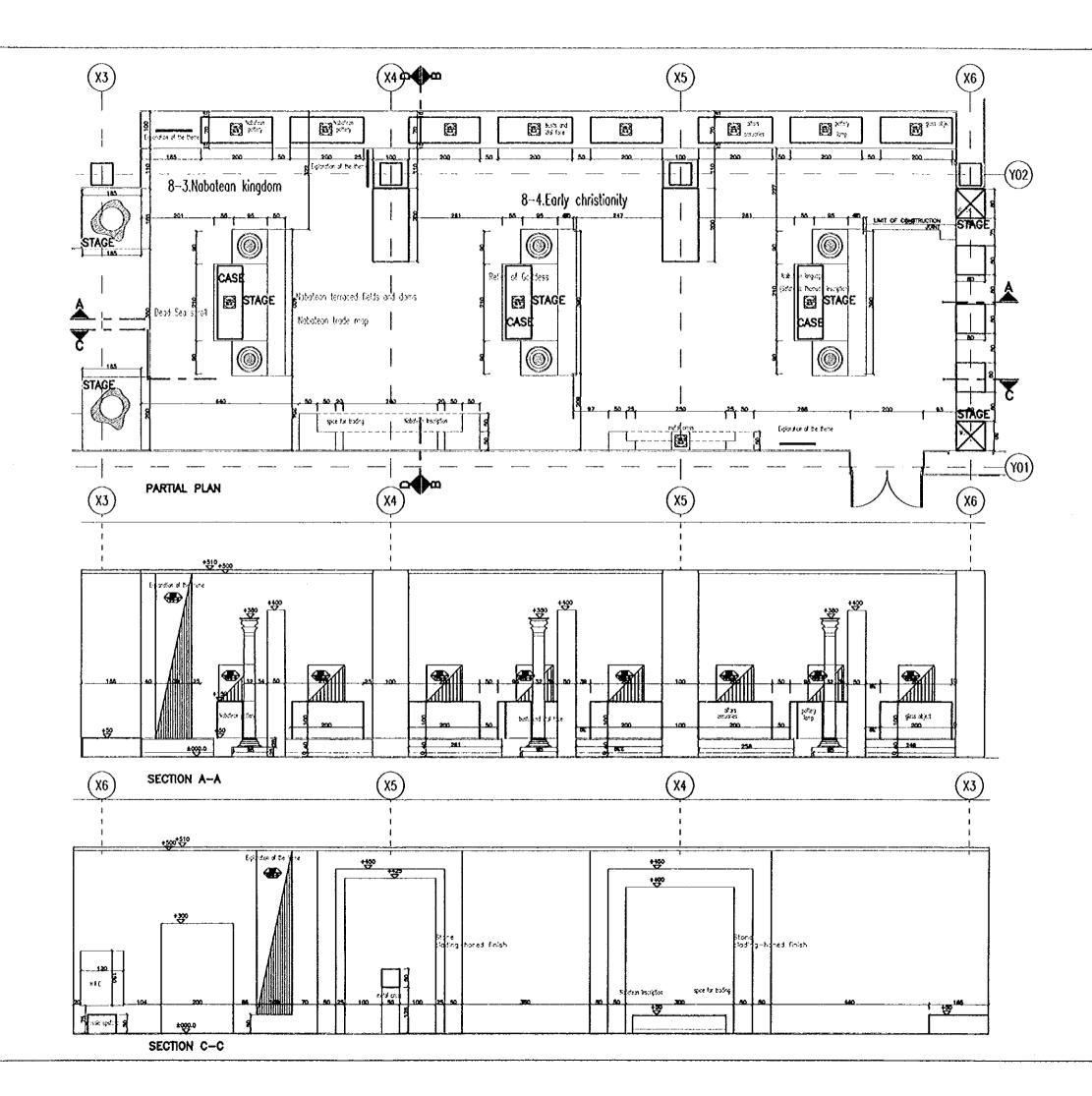
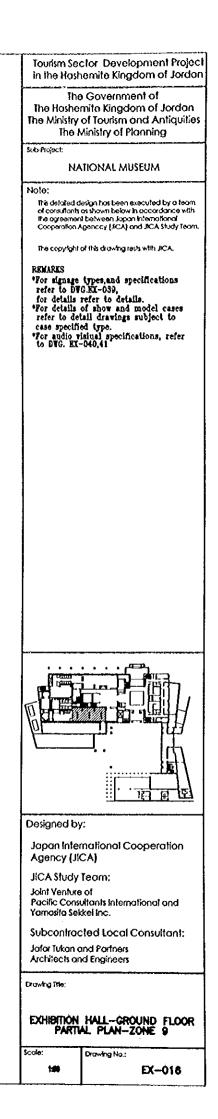
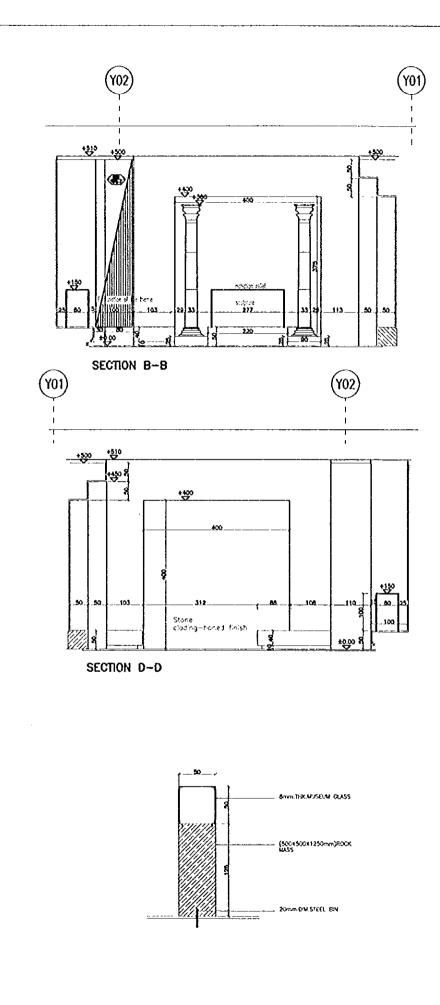
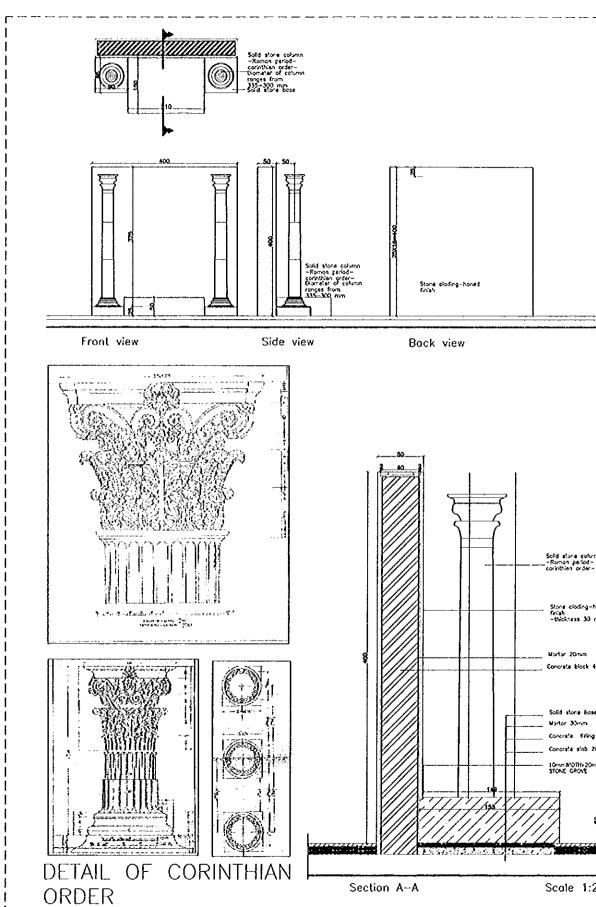


مسل < 1فسريو









Solid stans column -Roman period-corinthian order-Stone cloding-hones Finish -thickness 30 mm Mortar 20mm Concrete block 400mm Solid stone base Mortor 30mm Concrete Filling 70mm 10mm/#DTHx20mmDEPTH STONE GROVE ίίú Scale 1:20

Concrete slob 200mm

Tourism Sector Development Project in the Hashemite Kingdom of Jordan

The Government of The Hoshemite Kingdom of Jordon The Ministry of Tourism and Antiquities The Ministry of Planning

sub-Project:

NATIONAL MUSEUM

Note:

This delated design has been executed by a team of consultants as shown below in accordance with the agreement between Japan International Cooperation Agenccy (JICA) and JICA Shudy team.

The copyright of this drawing rests with JICA.

REVARIS

- Pror signage types, and specifications refer to DWG.KX-039, for details refer to details.
 Por details of show and model cases refer to detail drawings subject to case specified type.
 Por audio visinal specifications, refer to DWG. EX-040,41

ग्रे ह

Designed by:

Japan International Cooperation Agency (JICA)

JICA Study Team: Joint Venture of Pacific Consultants International and Yamasita Sekkel Inc.

Subcontracted Local Consultant: Jofar Tukan and Partners Architects and Engineers

Drawing Title:

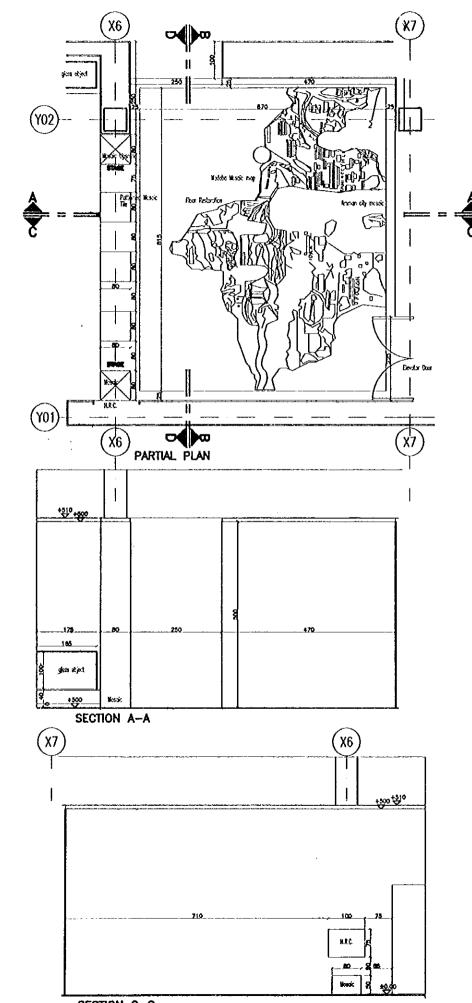
Scale:

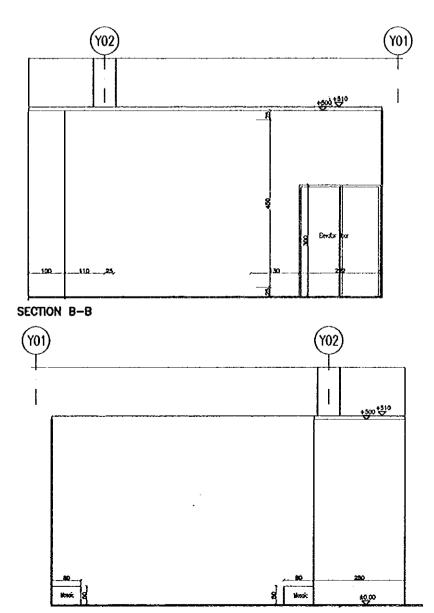
EXHIBITION HALL-GROUND FLOOR PARTIAL PLAN-ZONE 9

Drawing No.:

1:00

EX-017





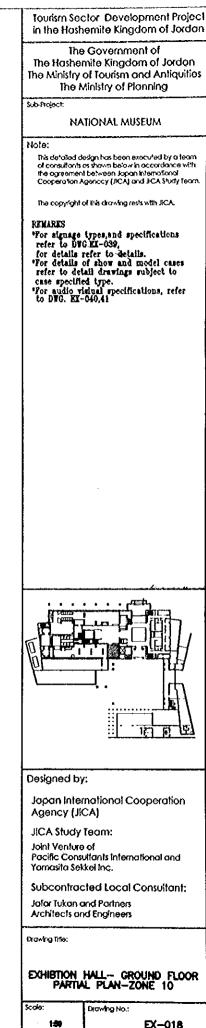
SECTION C-C

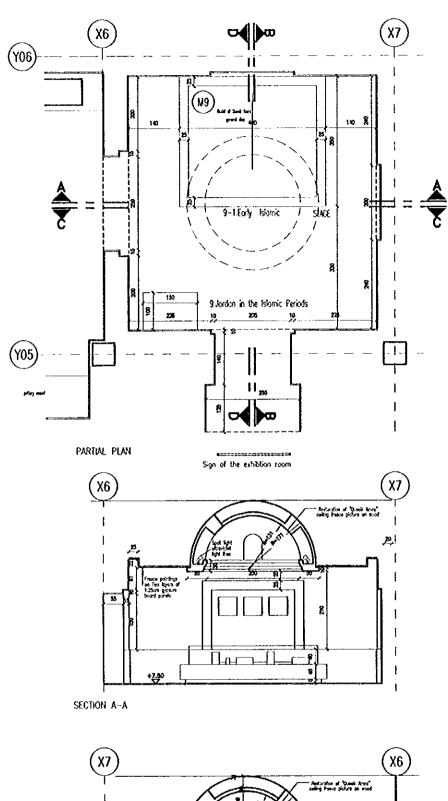
}

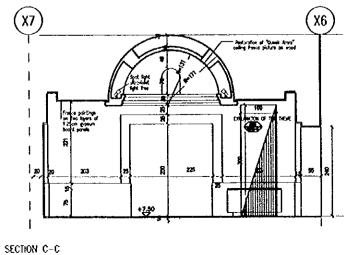
٢.)

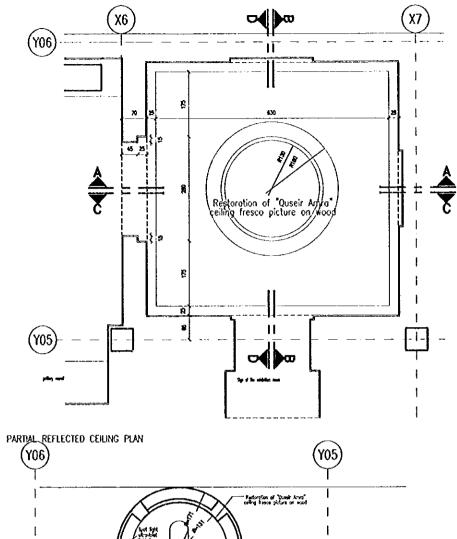
در ا

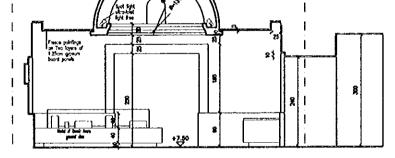
SECTION D-D



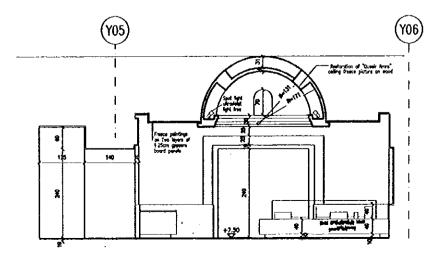








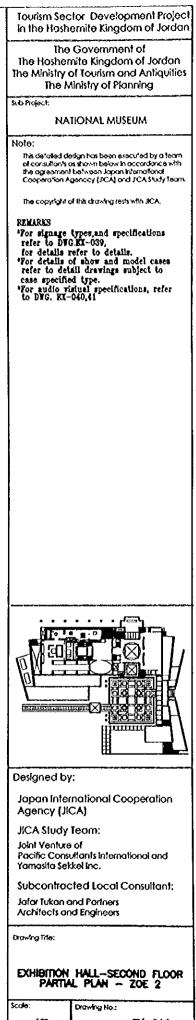
SECTION B-8

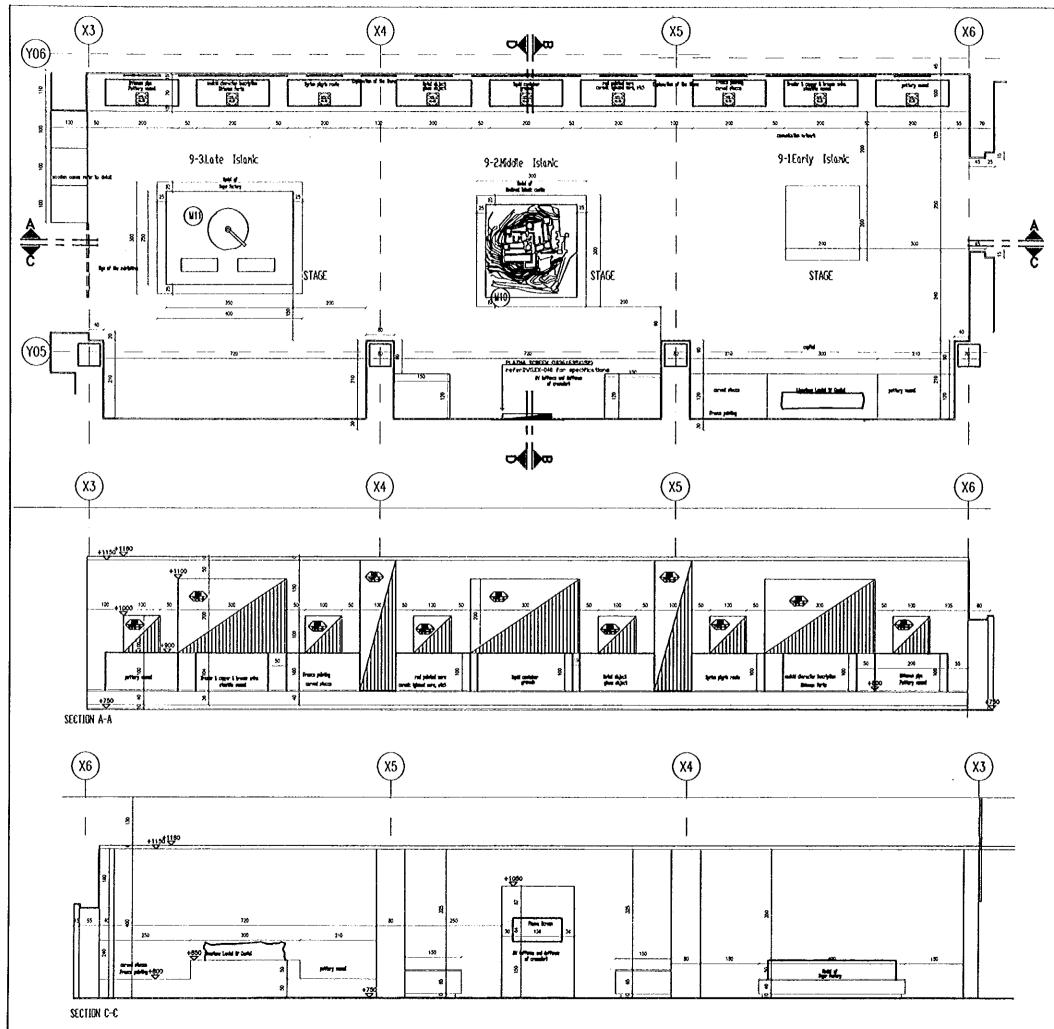


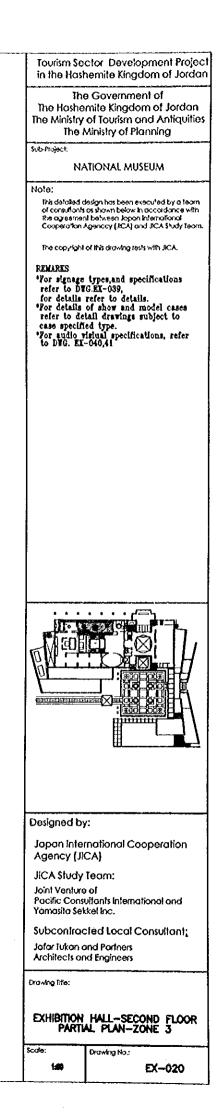
SECTION D-D

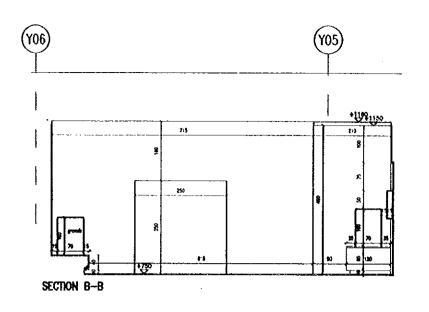
.... :1 :0

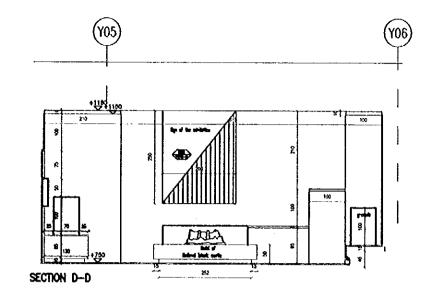
.

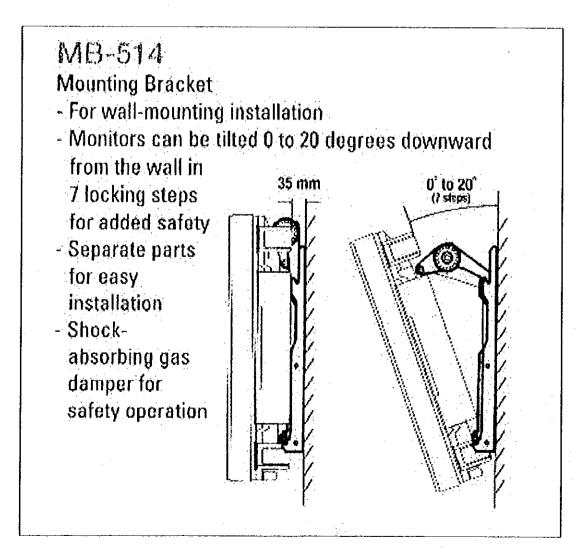


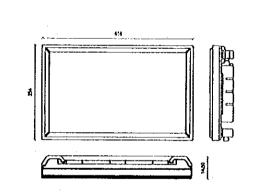












٤

Tourism Sector Development Projec in the Hashemite Kingdom of Jordan

The Government of The Hashemite Kingdom of Jordan The Ministry of Tourism and Antiquities The Ministry of Planning

\$ b Project

NATIONAL MUSEUM

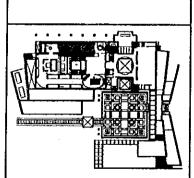
Note:

This detailed design has been executed by a team of consultants as frown below in accordance with the optenent between Jopan Hermafonal Cooperation Agencey (JICA) and JICA Shudy Team.

The copyright of this drawing rests with JCA.

REMARKS

KMARKS *Por signage types, and specifications refer to DUG.EX-039, for details refer to details. *For details of show and model cases refer to detail drawing subject to case specified type. *For audio visical specifications, refer to DEG. EX-040,41



Designed by:

Japán Intérnational Cooperation Agency (JICA)

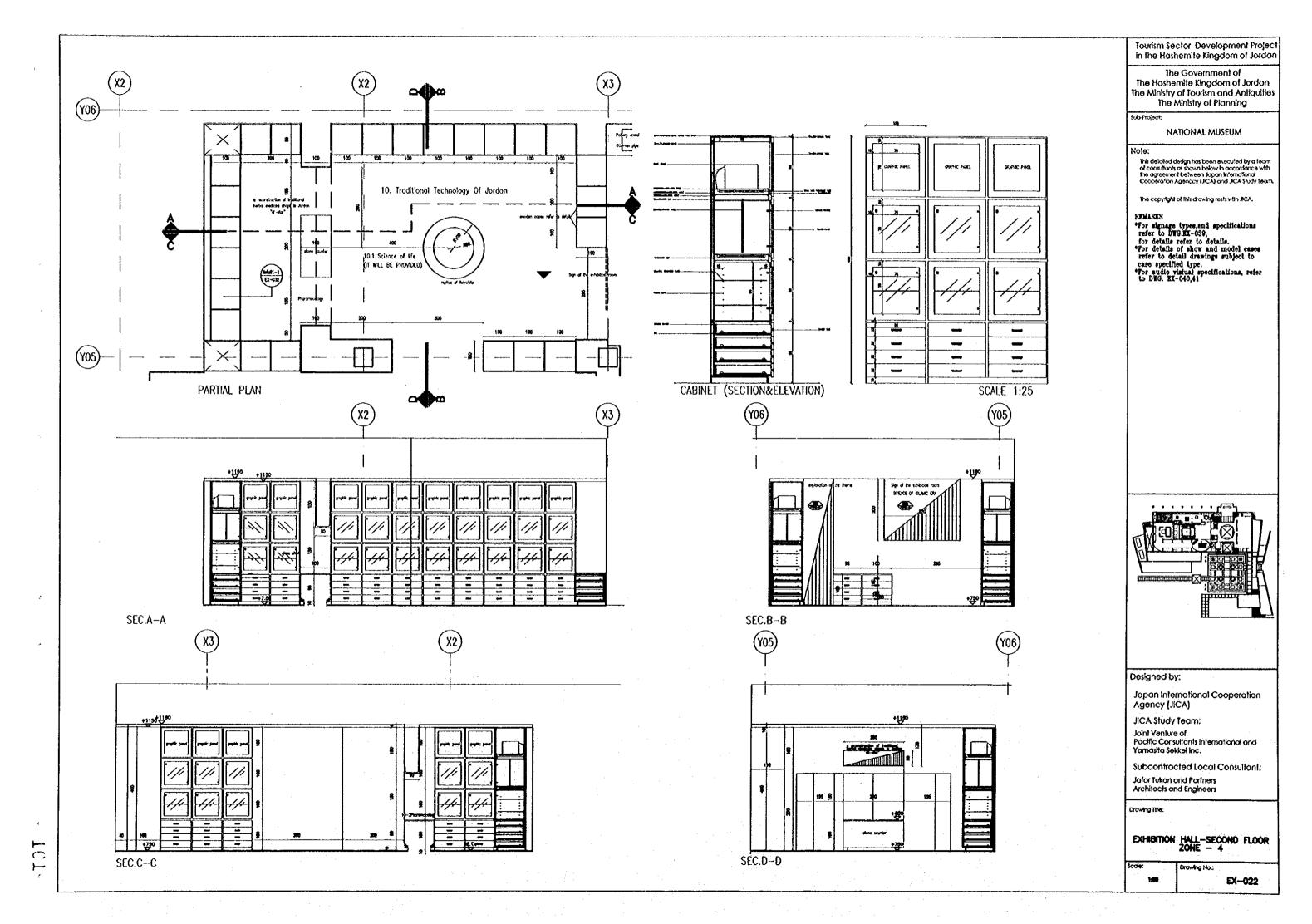
JICA Study Team: Joint Venture of Pacific Consultants International and Yamasita Sekkel Inc.

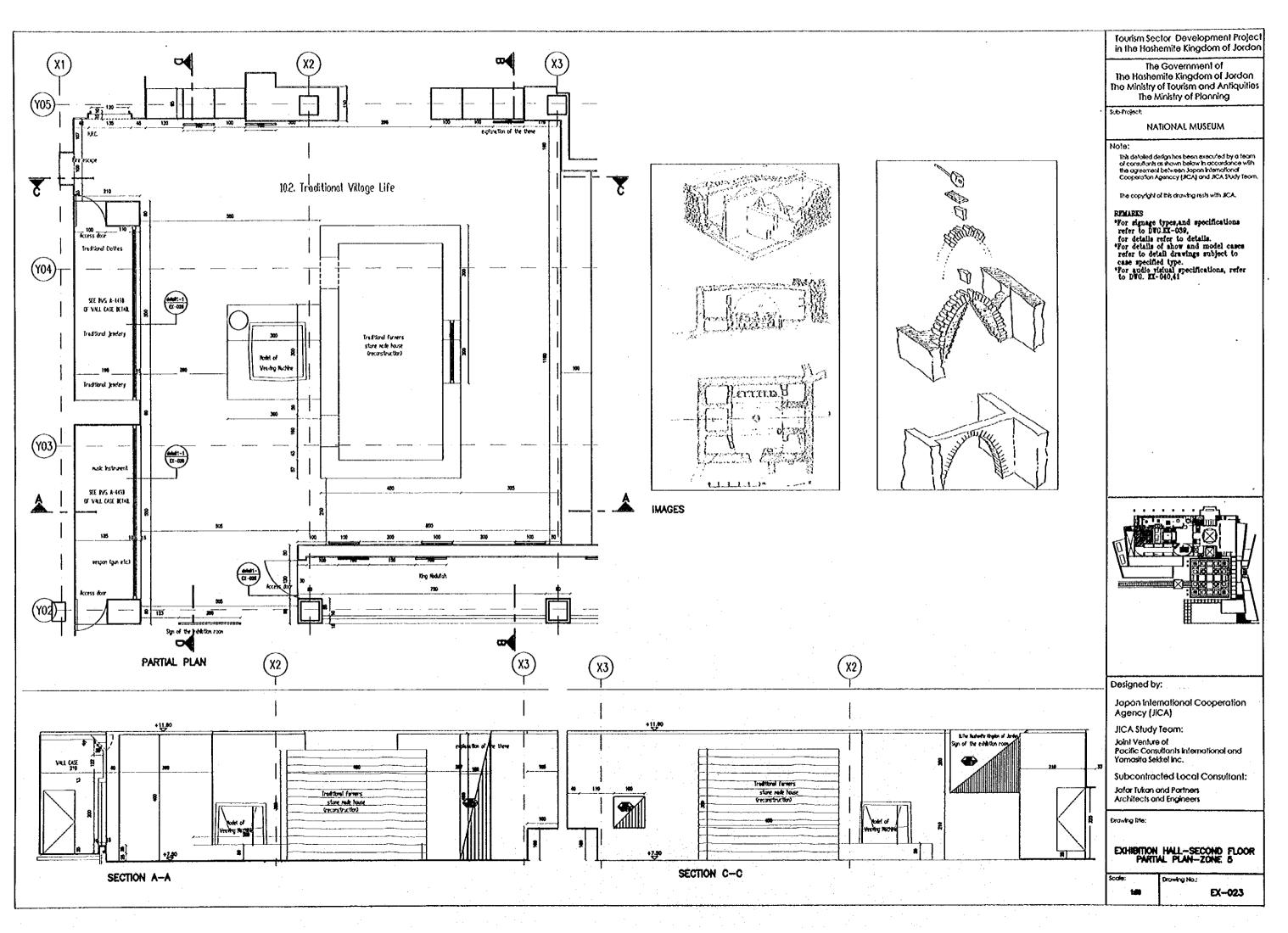
Subcontracted Local Consultant: Jalar Tukan and Partners Architects and Engineers

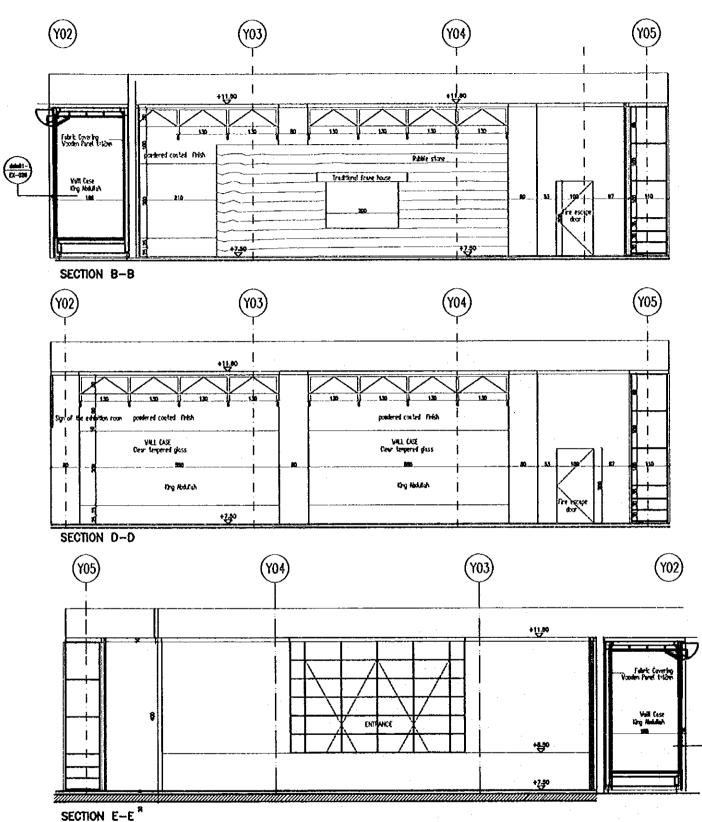
Drowing Title:

EXHIBITION HALL-SECOND FLOOR PARTIAL PLAN-ZONE 3

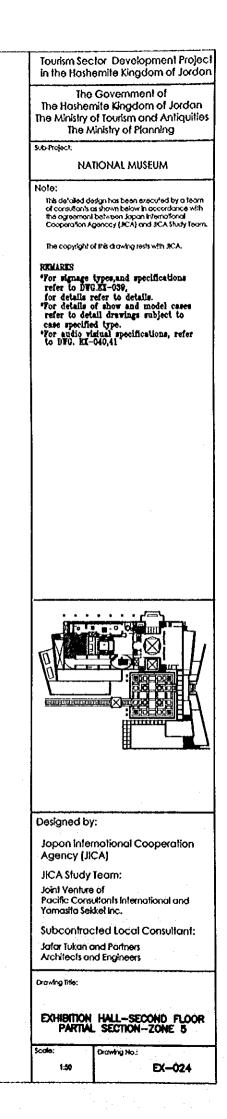
Drowing No.:

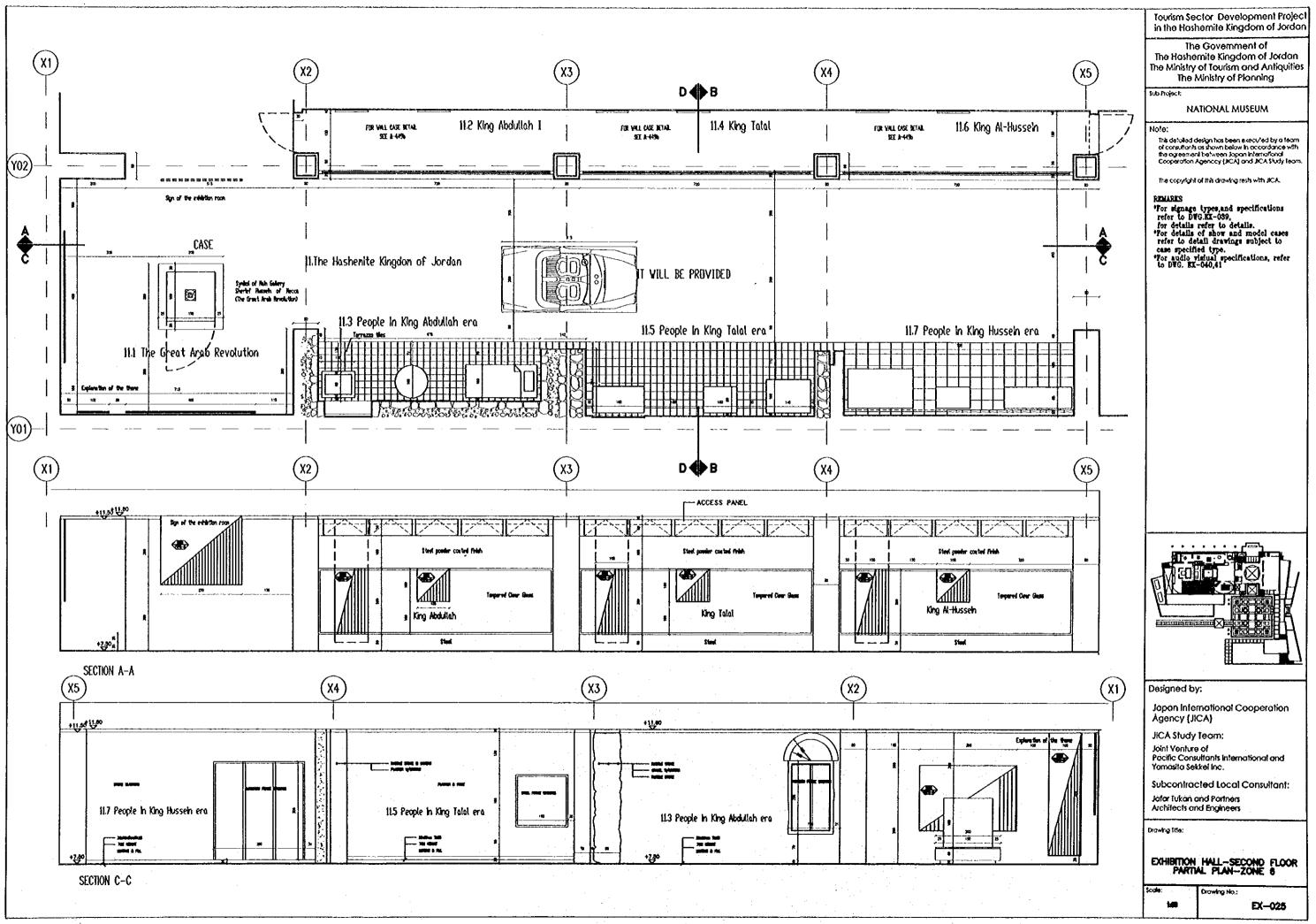






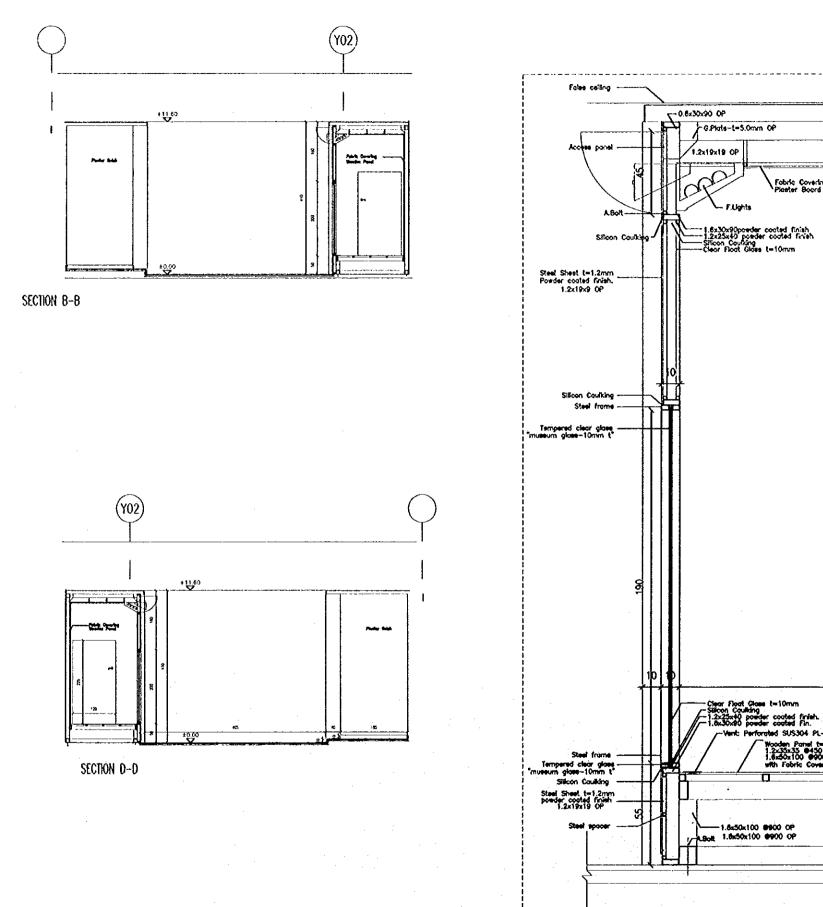
(0-40)

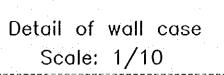




Jerro ()

الدنجية





w)

2

ĸ

9

d SUS304 PL-t=1.2mm Nooden Panel t=12mm 1.2x35x35 @450 OP 1.5x50x100 @900 OP with Fabric Covering

9

5

5

325

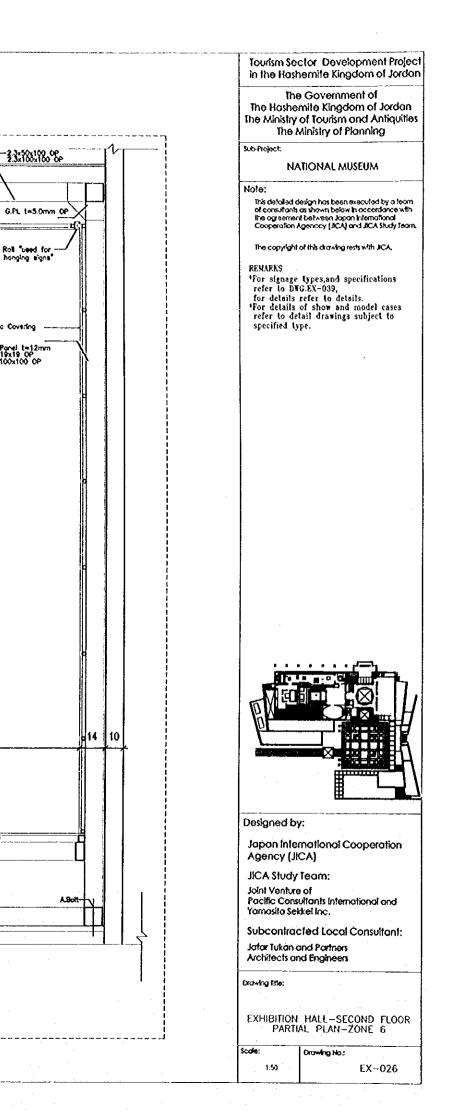
Rell "used for banging signs"

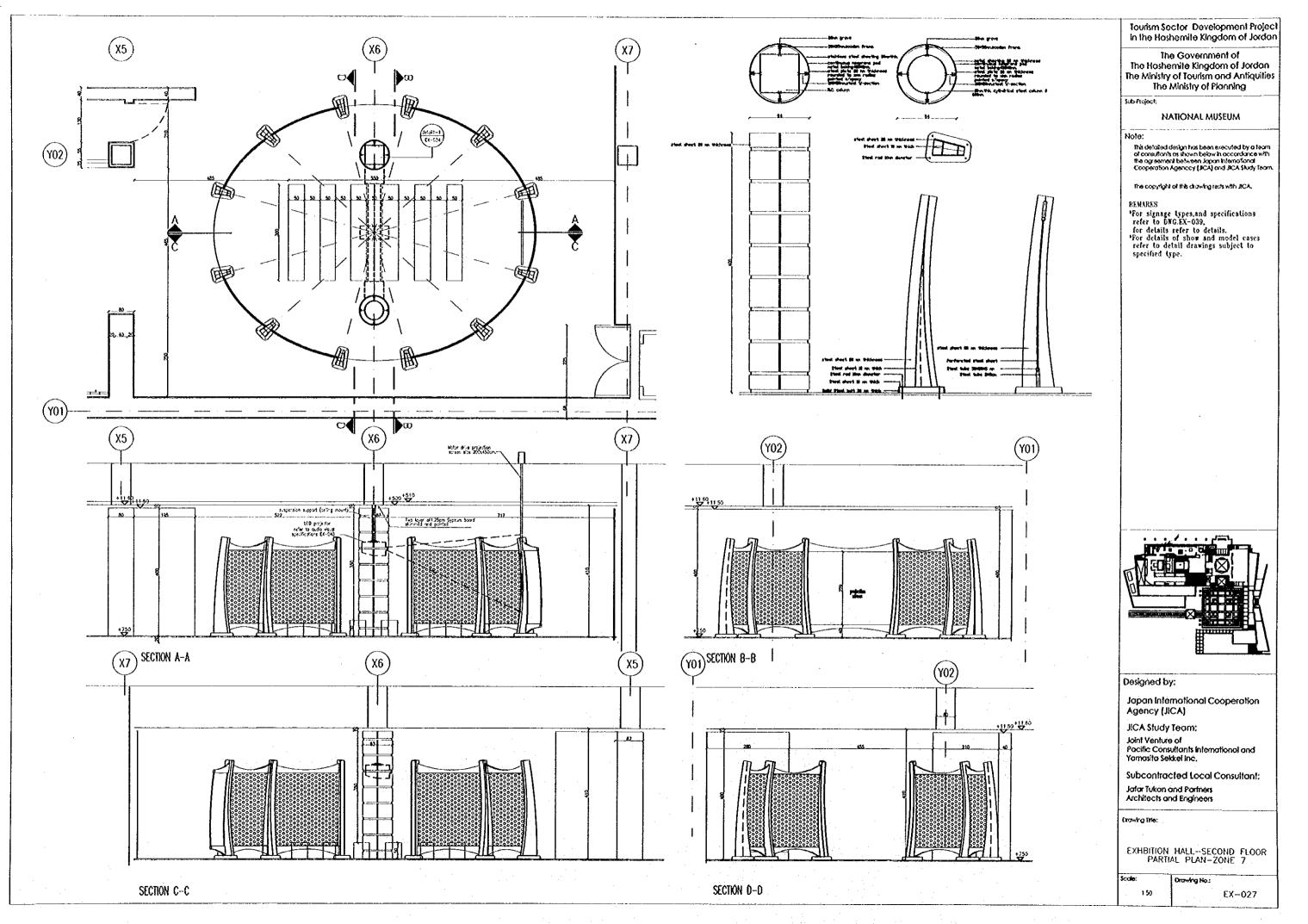
Fabric Covering

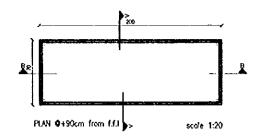
Moodan Panel t=12mm 1.2x19x19 OP 2.3x100x100 OP

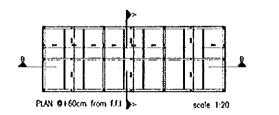
Fobric Covering Plaster Board 1=9mm

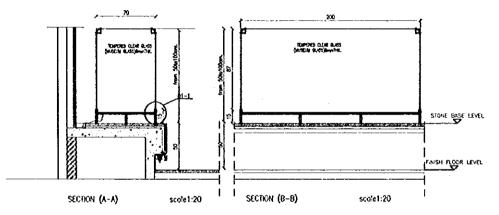
ດ V

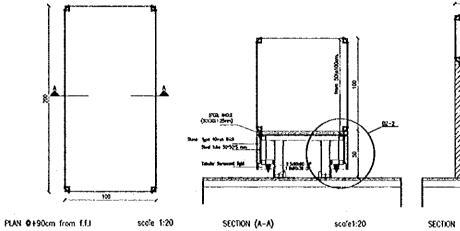


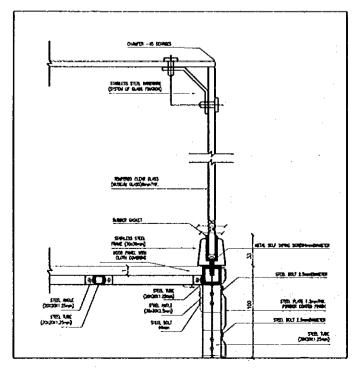




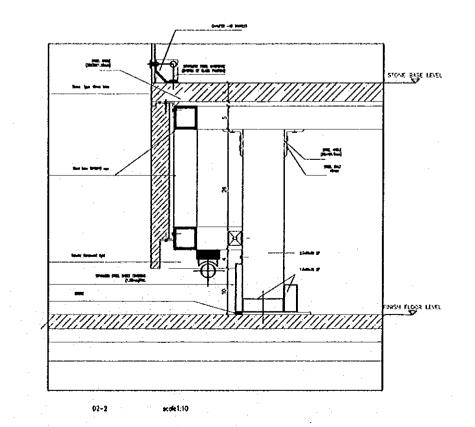




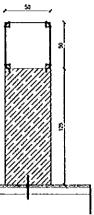








Ń



sco/e1:20

Tourism Sector Development Project in the Hoshemite Kingdom of Jordon

The Government of The Hashemite Kingdom of Jordan The Ministry of Tourism and Antiquities The Ministry of Planning

Sub-Project.

NATIONAL MUSEUM

Note:

This detailed design has been executed by a form of consultants as shown below in accordance with the agreement between Jopan International Cooperation Agenccy (JICA) and JICA Shoty Team.

The copyright of this chowing rests with JICA.

REMARKS

- REMARAD "For signage types, and specifications refer to DNG.EX-039, for details refer to details. "For details of show and model cases refer to detail drawings subject to specified type.

Designed by:

Japan International Cooperation Agency (JICA)

JICA Słudy Team:

Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc.

Subcontracted Local Consultant:

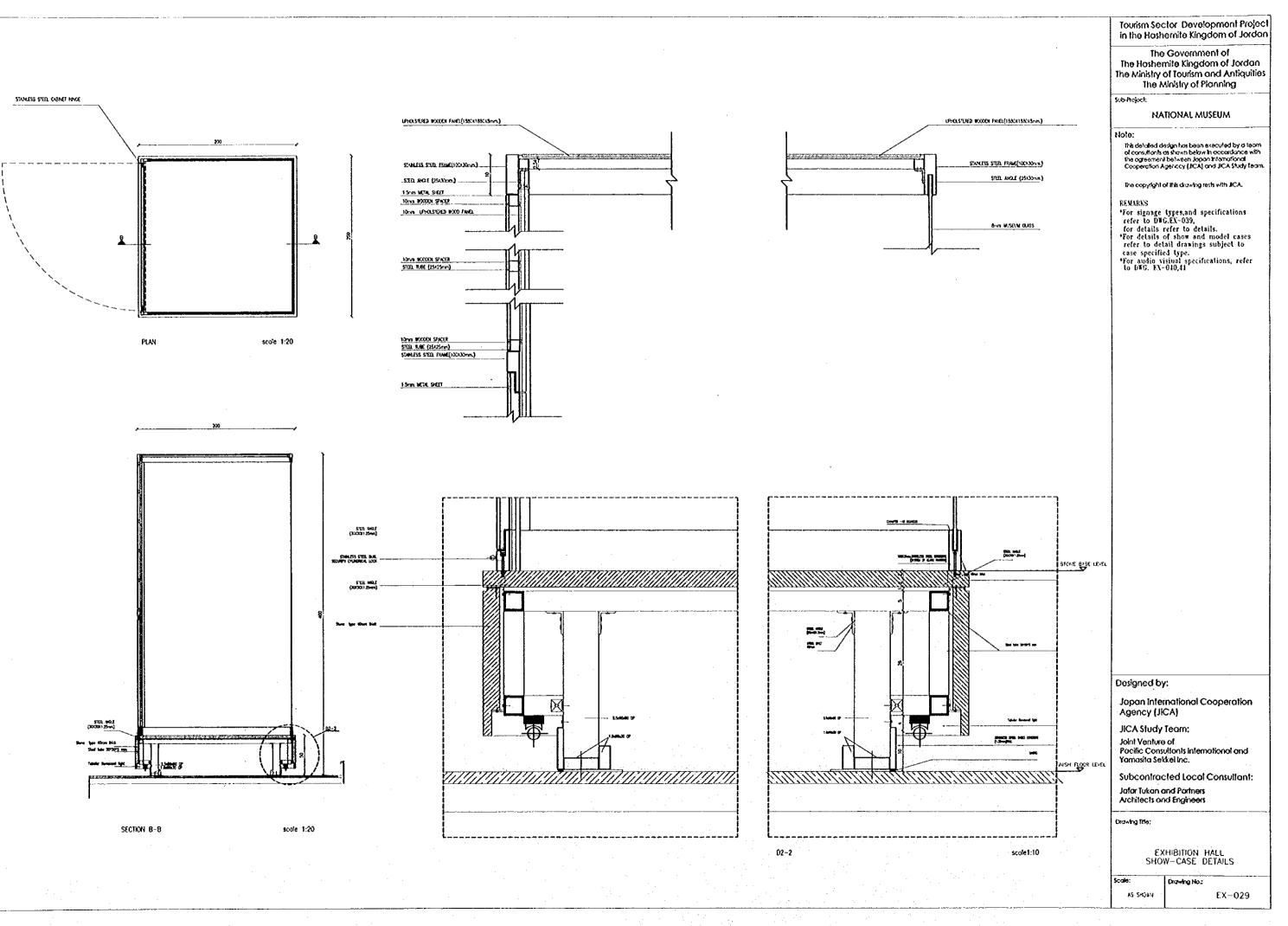
Jotor Tukan and Partners Architects and Engineers

Drawing line:

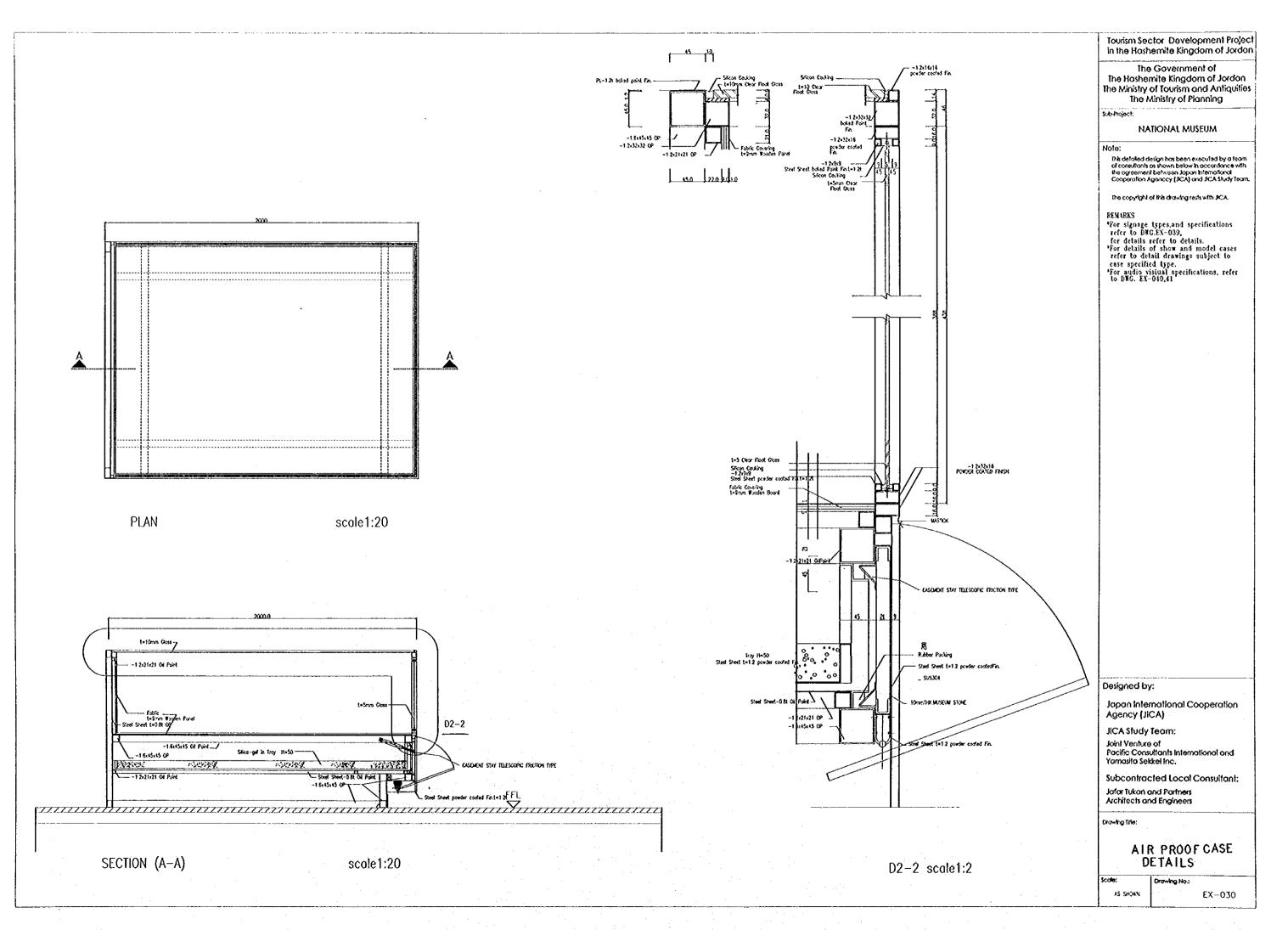
SHOW CASE DETAILS Drowing No.:

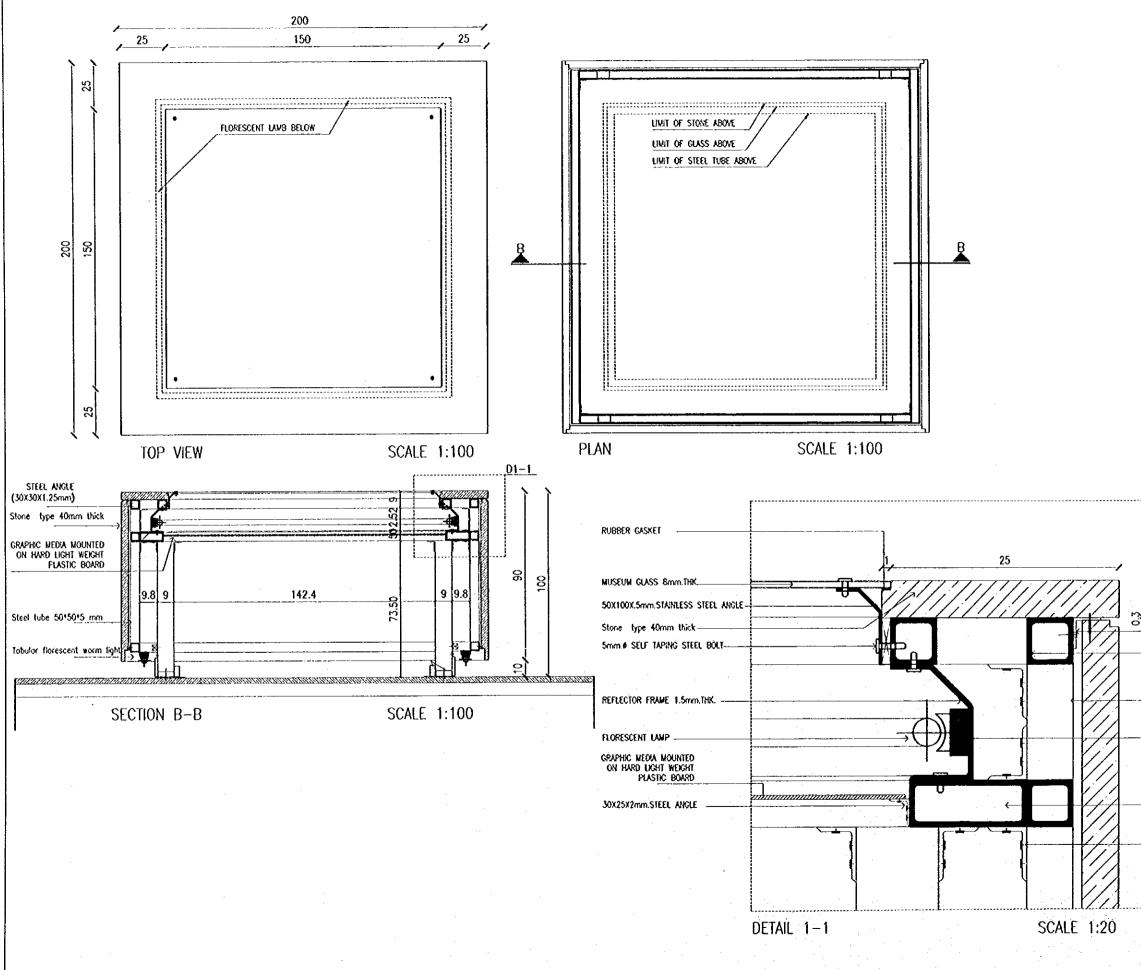
Scale: AS SHOWN

EX--028



 $\frac{1}{2}$ \mathcal{D}





-

- 1

Ş

Tourism Sector Development Project in the Hoshemite Kingdom of Jordon The Government of The Hoshemite Kingdom of Jordan The Ministry of Tourism and Antiquities The Ministry of Planning Sub-Fioject. NATIONAL MUSEUM Note: This detailed design has been executed by a learn of consultants as shown below in occordance with the agreement between Japan International Cooperation Agenccy (JCA) and JCA Shady learn. The copyright of this drawing mets with JICA. REMARKS REMARNS "For signage types, and specifications refer to DKG.EX-039, for details refer to details. "For details of show and model cases refer to detail drawings subject to case specified type. "For audio visiual specifications, refer to DKG. EX-040,41 3 - 20X0X2mm.STEEL_ANGLE 50x50X5mm.STEEL TUBE 50,300X5mm.STEEL_TUBE Designed by: Japan International Cooperation Agency (JICA) FLORESCENT HOLDER JICA Study Team: Joint Venture of Pacific Consultants International and Yamasita Sekkel Inc. 501130X5mm.STEEL_TUBE Subcontracted Local Consultant: 60x45x5mm.THK.STEEL ANGLE Jafar Tukan and Partners Architects and Engineers Drowing little: EXHIBITION SHOW CASE DETAIL Drowing No.: 1,50 EX-031

ю. I	SHOW BASE TYPE	SIZE- LOWAN	SHOW CASE THPE	SIZE- LIMM	LOCATIÓN	QUIC HEF	REWARKS	
								-
	FDED	-	TIPE-A	1300-748-725 mm	ZONE 2-G.FL	EX-007	-	
	FOLED		TIPE-A	1507709100 105	ZONE 2-G.FL	EX-007	-	
	FDED	-	TIPE-A	13027702100 845	ZONE 2-GFL	EX-007	-	
-	FIXED	-	TYPE-A	1380"768"500 mit	ZONE 2-G.FL	EX-007	-	
	FDED	-	TYPE-A	13807788-300 mst	ZONE 2-G.FL	EX-007	-	
-	FIXED		TYPE-A	15807738-003	ZONE 2-OFL	EX-007		
-	FDED	-	TYPE-A	19497708*500 mm	ZONE 2-G.FL	EX-007	-	·••
5	FIXED	→	TYPE-A	1007708-500 mmb	ZONE 2-G.A.	EX-007		
	FREE STANDING	200-200-200	TYPE-F	3007-2007-000	ZONE 3-G.FL	EX-006	-	
0	EXED	-	TYPE-A		ZONE 3-G.FL	EX-006	_	-
1	FIXED		TYPE-A	1007704-800 mm	ZONE 3-G.FL	DX-008		·
2	FIXED		TYPE-A	13807708-800 mm	ZONE 3-6FL	EX-008	_	
3	EXED	-	TYPE-A	1387/87108 88	ZONE 3-GFL	EX-006		
4	EXED		TYPE-A	1007709100 me	ZONE 3-GAL	EX-008	-	
5	TAED .	-	TYPE-A	1380*780*808 p.s	ZONE 3-GAL	DX-008		
			TIPE-A		ZONE 3-OR	EX-008	-	
6	FDED	-	TIPE-A	1300*70#560 mm		EX-008	-	
7	FDED		TIPE-G	1500"701-500 im	ZONE 3-GAL	EX-011	-	
8	FREE STANDING	3080*1057*500 mm		3000°3000°000	ZONE 3-GAL			
9	FRED		TYPE-C	20077007900 see	ZONE 5-GJT	EX-011	-	
0	INED		TYPE-C	3467799*1000 ava.		EX-011		
<u>11</u>	RD RD	-	TAPE-C	\$580°780°380 mm	ZONE 5-07L	DX-011	-	
2	FIXED	-	TYPE-C	1007700*1012 sam	ZONE 5-G.R.	DX-011	- '	
23	FRED	-	TYPE-C	3000700-3000 m	ZONE 5-O.A.	EX-011	-	
24	FDED	-	TYPE-C	2007708*1000 mm		DX-011		
5	FRED	.	MPE-C	1007700-1000 Jun		EX-011	-	
26	RXED	-	TIPE-C	2007700-1000 ANA	ZONE 5-G.A.	EX-011	-	
17	FDED	-	TYPE-C	20077071000 pak	ZONE 5-GAL	EX-011	→	
28	FIXED	-	TYPE-C	2007707300 pm		EX-012	-	
19	FIXED	-	TIPE-C	2007/101100 mm	ZONE 6-G.FL	EX-012	-	
0	FIXED	-	TYPE-C			EX-012	-	
51	FIXED		TIPE-A	1997797-1980 em	ZONE 6-G.FL	EX-012	-	
32	กอง	-	TMPE-8	13877871880 346		EX-012	-	•
33	FREE STANDING	2007'1009'940 mm	TYPE-G	20077000700 pm	ZONE 6-G.FL	EX-012	+	
Я	FDED	-	TIPE-C	2007707300 am	ZONE 7-GFL	EX-014		
5	FIXED	-	TIPE-C		ZONE 7-CFL	EX-014	-	
\$6	FIXED		TYPE-C		ZONE 7-C.FL	EX014	-	
97	FDED		TIPE-C	20077081900 104	ZONE 9-C.FL	EX-014	-	
8	RED	-	TYPE-C	34607787-1088 sen	ZONE 9-C.FL	EX-016	-	
\$9	E E E E E E E E E E E E E E E E E E E	-	TADE-C	3607730*1025 mil	ZONE 9-C.FL	EX-016	-	
Ю	FXED	-	TYPE-C	3800-730-3008 mm	ZONE 9-C.FL	EX-016	-	
11	FIXED	-	TYPE-C	10077087400 pm	ZONE 9-C.FL	EX-016	-	
2	FIXED	-	TYPE-C	2007/0811000 ava	ZONE 9-0.FL	EX-016	-	
13	FIXED	-	TYPE-C	37007708-1080 mm	ZONE 9-C.FL	EX-016	-	
H	RXED	-	TYPE-C	20077073000 mit	ZONE 9-G.FL	EX-016	4	
15	FD/ED	-	TYPE-C	30077071000 am	ZONE 9-G.FL	EX-016	-	
-6	RED	-	TYPE-C	300770-1000 mm	ZONE 9-G.FL	EX-016	-	
17	RED	-	TYPE-C		ZONE 9-C.FL	EX-016	-	
18		-	TYPE-C	3007707-1000 mm	ZONE 9-G.FL	EX-016	-	
9	FREE STANDING		TYPE-H	INTERPORT	ZONE 9-C.FL	EX-018	-	
50	FIXED	-	TYPE-C	20077071000 per	ZONE 2-2nd.FL	EX-020	-	
1	FIXED	-	TYPE-C	2007707300 mm	ZONE 2-2nd.FL	EX-020	-	
2	FIXED	-	TYPE-C	2007700-500 mm	ZONE 2-2nd FL	EX-020	-	
13	FDED	-	TYPE-C		ZONE 2-2nd.FL		-	
54	FDED	-	TYPE-C	£	ZONE 2-2nd.FL		-	·
5	FIXED	-	TYPE-C		ZONE 2-2nd.FL	- /	-	
6	RED	-	TYPE-C		ZONE 2-2nd.FL		-	
57	RED	-	TYPE-C		ZONE 2-2nd PL		-	
<u>//</u>	RED		TYPE-C		ZONE 2-2nd FL		•	
59 59	FREE STANDING		TIPE-F		ZONE 2-2nd.FL			
	THE VETTON				LANTE E-LINAL			
	·····	<u> </u>	·		[· · ·	• • • • •	·····	

ENHADIN HALL - HODEL CHEES SCHEDULE

ine se

ندن بالثار

-

MODEL CASE

¥C-1

WC-3

HC-8

10-1

8C-10

NC-11

NUMBER OF STREET

THE REAL PROPERTY.

alass case suze | descaption

OPOGRAFISCAL MAP OF JORDAN

SCENE OF LIFE OF ENALY SHAL

HOUSE IN TRIVISITIONAL PERIOD CRICULAR HOUSE IN PIPINA PERIOD

EVALY ENDING VILLAGE

CITY STORES INC A. ANK NOME FORT OVER MEN ARAM CERTE SUBER FACTORY

HODEL MEE

8-2

¥-3

¥-4 ¥-5

H

11-7

1-10

COT

ina de

free stands Fixed

-

free de fined

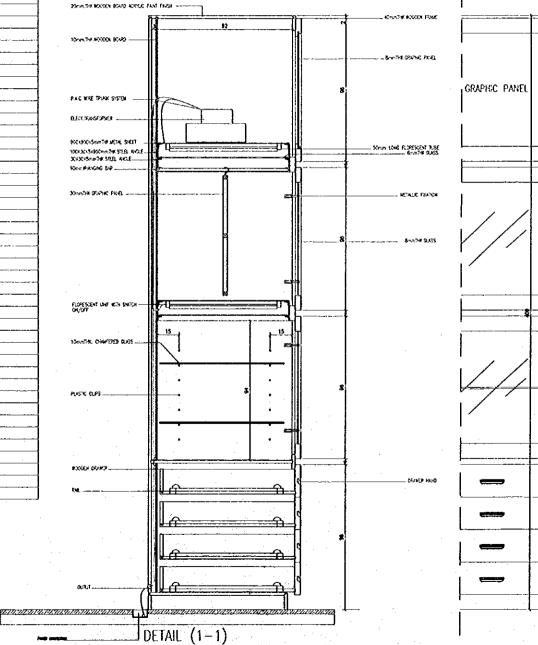
Find

Érat de

first standing

SHOW CASE TYPE

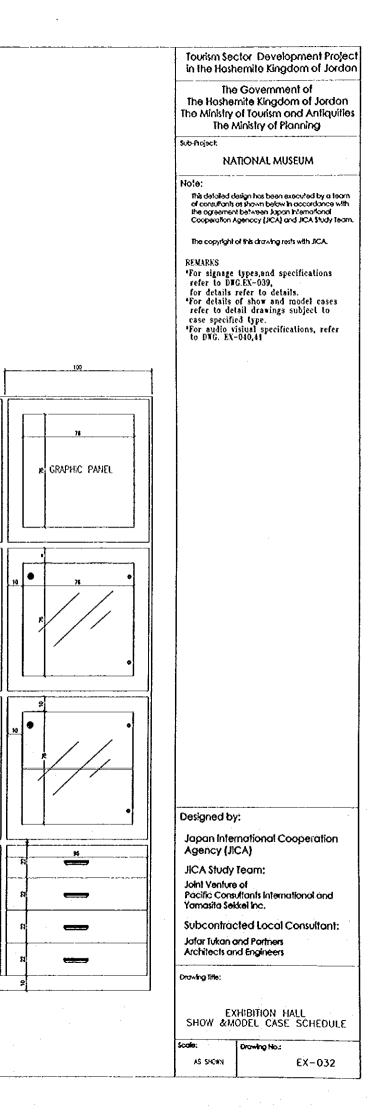
- TYPE-A 1500*700*350 CLASS BOX-FITTED ON 150MM STEEL BASE TO BE INSTALLED ON FOED STONE BASE
- TYPE-B 1500*700*850 CLASS 80X-RITED ON 150MM STEEL BASE TO BE INSTALLED ON FDED STONE BASE
- TYPE-C 2000*700*850 GLASS BOX-FITTED ON 150NM STEEL BASE TO BE INSTALLED ON FIXED STONE BASE
- TYPE-D 1000*700*850 GLASS BOX-RITED ON 150MM STEEL BASE TO BE INSTALLED ON FUED STONE BASE
- NOTE SHOW CASES TYPE A, B, C AD ARE TO BE INSTALLED ON FIXED STONE BASES BUILT ALONG EXHIBITION WALLS.
- TYPE-F FREE STANDING AR TIGHT CASE-NO.09-REFER TO PARTIAL PLANS FOR SIZEADETALS
- TYPE-G FREE STANDING 2000+1000+500
- TYPE-H NO.49 REFER TO PARTIAL PLANS FOR SZEADETAILS

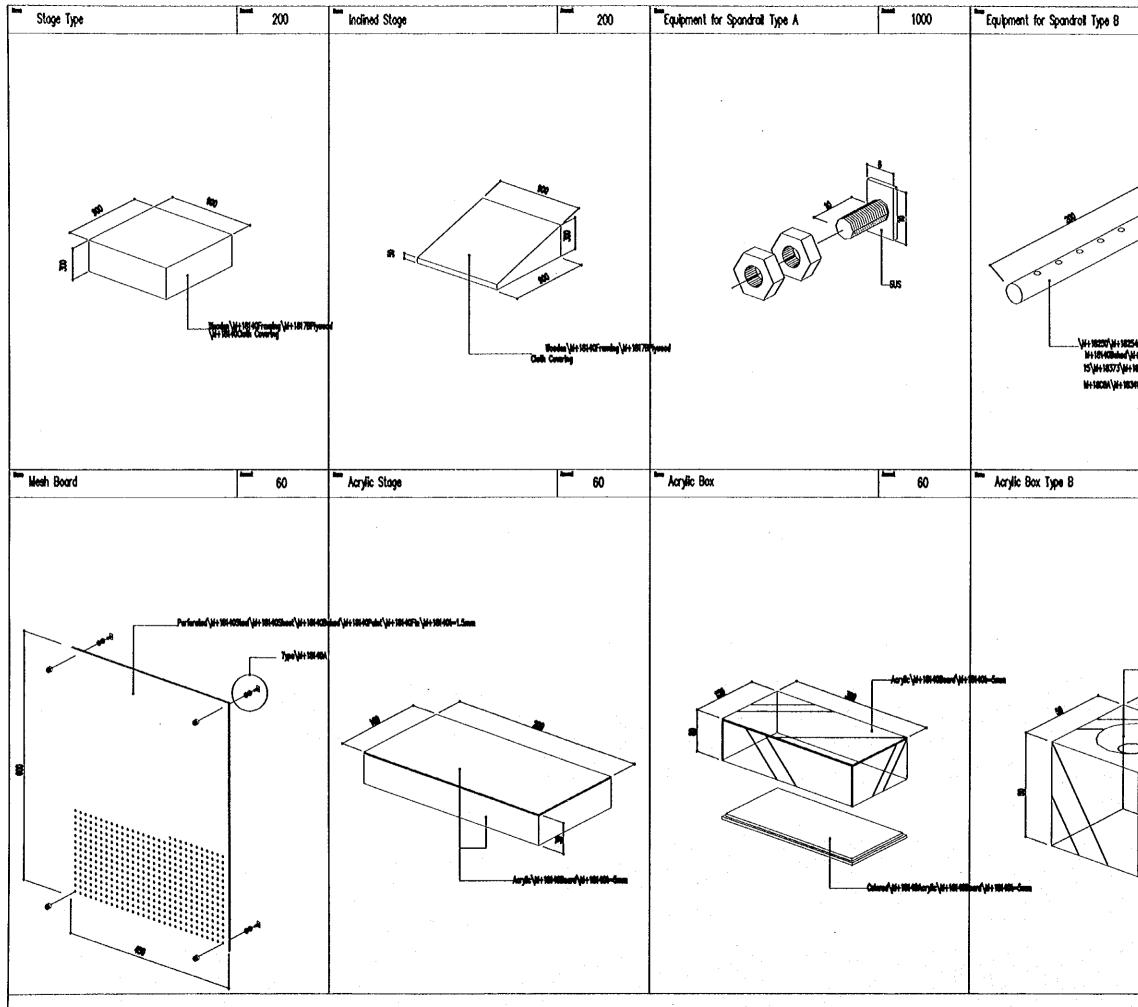


CABINET (SECTION&ELEVATION)

SCALE 1:5

4 Z



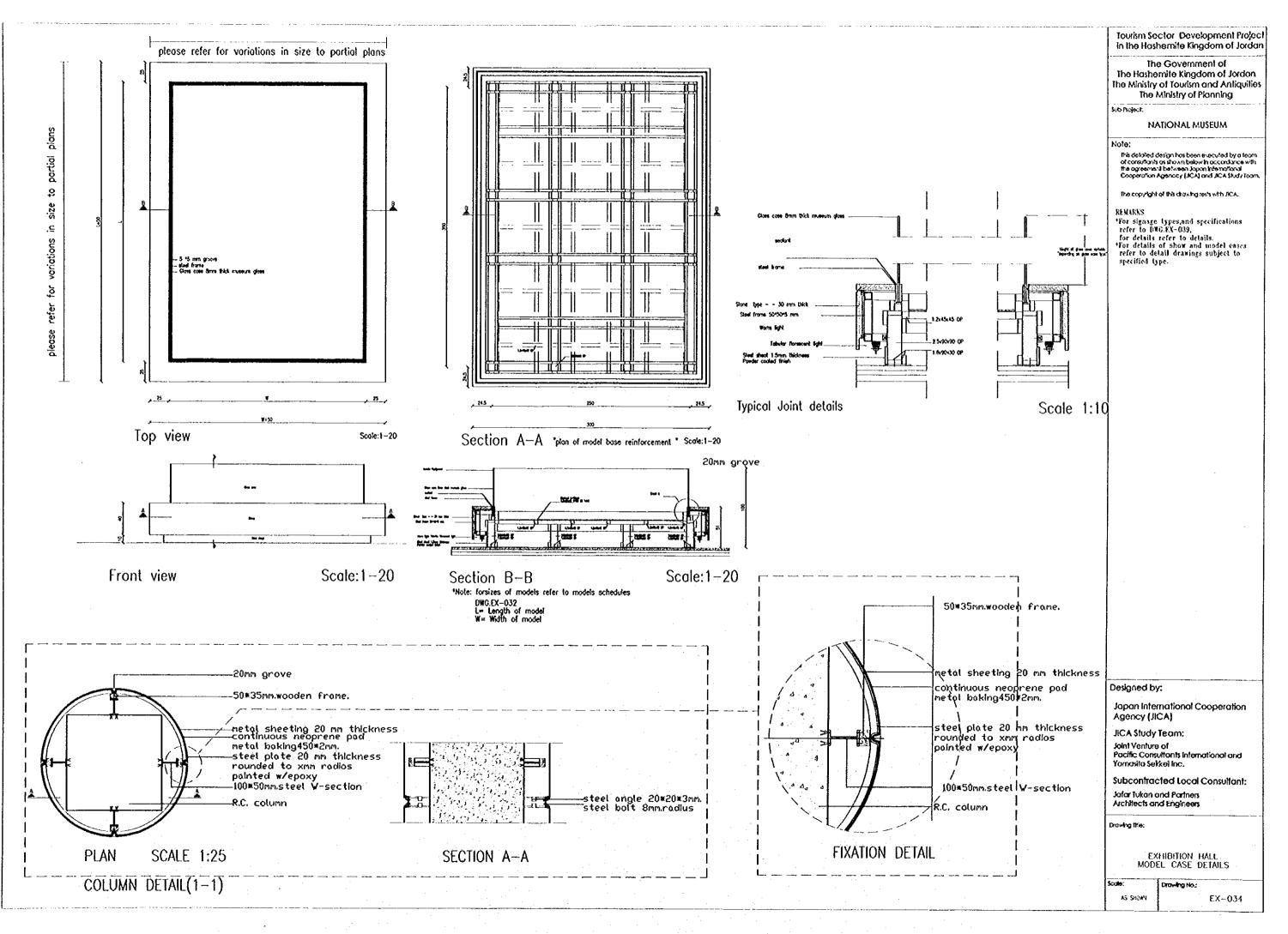


÷

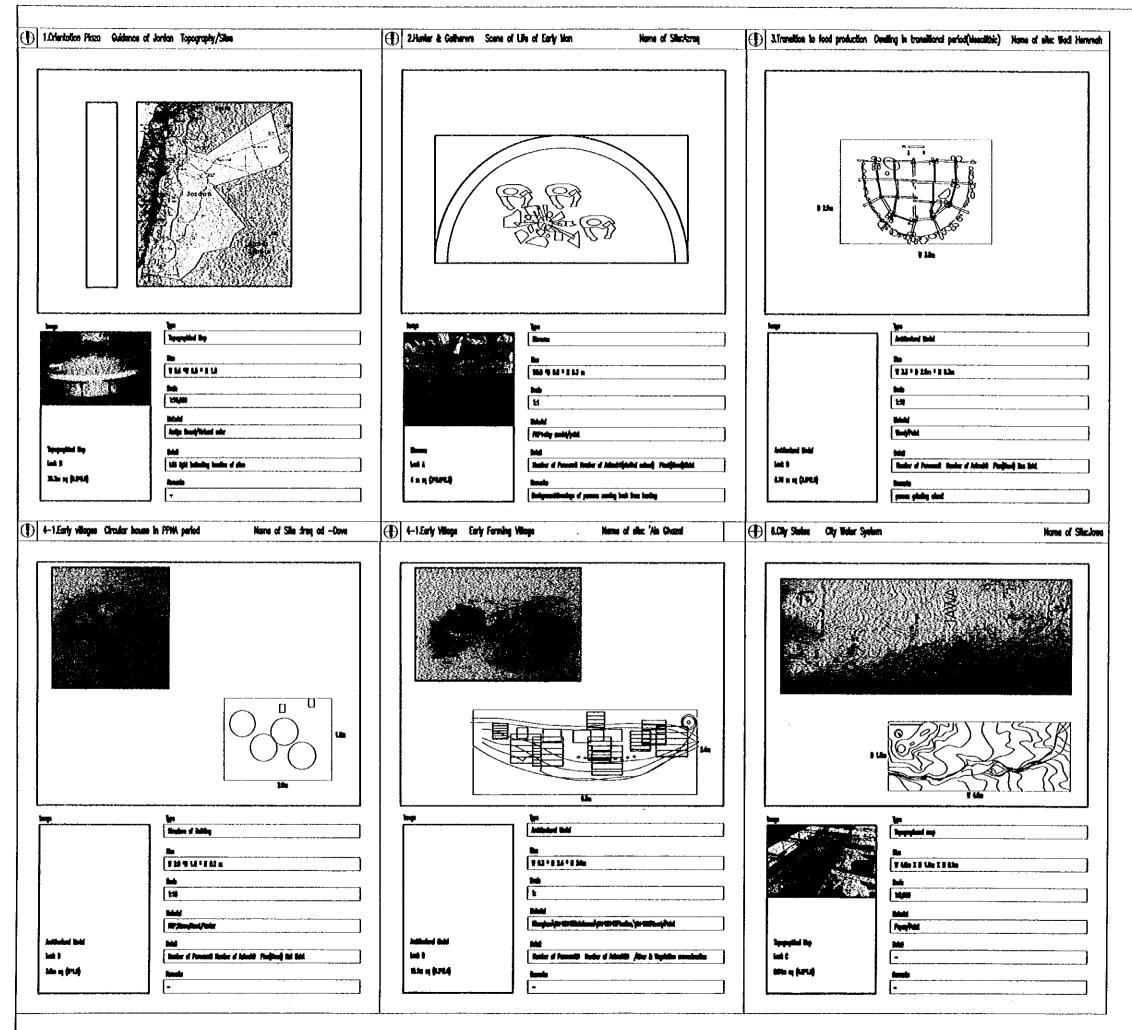
£

•

Image: International standard in the Hashemite Kingdom of Jordon in the Ministry of Fourier and Antiquities the Ministry of Fourier and Antiquities in the Ministry of Planning its Antional Antiquities in the Antiput interface in the Ministry of Planning its Antiput is Antiput interface in the Antiput is Antiput interface in the Antiput is Antiput interface in the Antiput is Antiput is Antiput interface in the Antiput is Antip				****
The Historian de Constantion of Andrewijes The Ministry of Planning Schniger: NATIONAL MUSEUM Note: NATIONAL design has been associed by a fact decomposited all and any test and a decomposited all and any test and a decomposited all and any test and a decomposited all and any test and a second plane of the any test and a rest of admit for any test and a rest of admit for any test and a rest of admit for		1000	tourism See in the Hast	ctor Development Project nemite Kingdom of Jordon
Typ/WHMO NATIONAL MUSEUM Note: The devided design has been escaved by a term the operand basis of soon below is occordance with the operand basis report to deal term the operand term term the operand term term the operand term term the operand term term the operand term			The Hoshe The Ministry The F	mite Kingdom of Jordan of Tourism and Antiquities
In double display hot been reserved by 0 heart In double of yound by 0 hot been reserved by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of yound by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of yound by 0 hot been reserved by 0 heart In organization of hot and model cases In organization of hot and hot and model cases In organization of hot and		Type\\#+1814	NA NA	TIONAL MUSEUM
decontrol to deal and book to consider a with the consideration before the consideration of the constant of the const			Note:	
PRIMES "For signage types and specifications refer to 0000K-000, for details of show and model cases refer to detail drawings majorit to case specified type. "For addid visual precifications, refer "Por addid visual precifications, refer "Portal precifications, refer "Provide precifications, refer "Provide precifications, refer "Provide precifications, refer "Portal precifications, refer "Provide precifications, refer Portal precinter Portal precint	$ \land ($		of consultants the ogreemen	as shown below in occordance with It between Jopan international
Image: types and specifications refer to DBO SE-009, for details refer to details. Image: types and specifications refer to detail and the details. Image: types and specifications, refer to detail and type. Image: types and type	d		The copyright	of this drawing rests with JICA.
skiewe/wissol wissol/wissol wissol	5		*Por signage refer to DW for details *Por details refer to de case specifi	G.EX-039, refer to details. of show and model cases tail drawings subject to ed trpe.
UHHESSA (UHHESSA (UHHESSA) Image: UHHESSA (UHHESSA) Image: UHHESSA (UHHESA) Image: UHESSA (UHHESA) Image: UHESSA (UHHESA) Image: UHESSA (UHHESA)	aharun (hhistoria) az(hhistoria) (hhistoria)	n Dr ynhirsc a		
UHHESSA (UHHESSA (UHHESSA) Image: UHHESSA (UHHESSA) Image: UHHESSA (UHHESA) Image: UHESSA (UHHESA) Image: UHESSA (UHHESA) Image: UHESSA (UHHESA)				
Designed by: Jopan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Jafar Tukan and Partners Architects and Engineers Drawing Title: IEEINFORCEDIENT EQUIPMENT	a	60		
Designed by: Japan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Joiar Tukan and Partners Architects and Engineers Drawing Title: IEEINFORCEMENT EQUIPMENT				
Designed by: Jopan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Jafar Tukan and Partners Architects and Engineers Drawing Title: IEEINFORCEDIENT EQUIPMENT				
Designed by: Jopan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Jofar Tukan and Partners Architects and Engineers Drawing Title: IEEINFORCEMENT EQUIPMENT				
Designed by: Jopan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Jofar Tukan and Partners Architects and Engineers Drawing Title: IEEINFORCEMENT EQUIPMENT				
Designed by: Jopan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasito Sekkel Inc. Subcontracted Local Consultant: Jofar Tukan and Partners Architects and Engineers Drawing Title: IREINFORCEDUENT EQUIPMENT	tu contesta con			
Japan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Jafar Tukan and Portners Architects and Engineers Drawing Title: IREINFORCEMENT EQUIPMENT Scole: Drawing No.:		an Ant Januar Ant Jacoba		
Japan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Jafar Tukan and Portners Architects and Engineers Drawing Title: IREINFORCEMENT EQUIPMENT Scole: Drawing No.:	- 2			
Japan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Jafar Tukan and Portners Architects and Engineers Drawing Title: IREINFORCEMENT EQUIPMENT Scole: Drawing No.:	$\overline{)}$	~		
Japan International Cooperation Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yomasita Sekkel Inc. Subcontracted Local Consultant: Jafar Tukan and Portners Architects and Engineers Drawing Title: IREINFORCEMENT EQUIPMENT Scole: Drawing No.:		1		
Agency (JICA) JICA Study Team: Joint Venture of Pacific Consultants International and Yamasita Sekkel Inc. Subcontracted Local Consultant: Jofar Tukan and Partners Architects and Engineers Drawing Title: BEEIN FORCEDAENT EQUIPMENT Scole: Drawing No.:	~		Designed by	<i>r</i> .
JICA Study Team: Joint Venture of Pacific Consultants International and Yamasita Sekkel Inc. Subcontracted Local Consultant: Jafar Tukan and Partners Architects and Engineers Drawing Title: BEEIN PORCEDUENT EQUIPMENT Scole: Drawing No.:				
Joint Venture of Pacific Consultants International and Yamasita Sekkel Inc. Subcontracted Local Consultant: Jafar Tukan and Partners Architects and Engineers Drawing Title: BEEINIPORCEDUENT BOULPHIENT Scole: Drawing No.:	$ \rightarrow $			
Ange/With Mitro All Holdson Subcontracted Local Consultant: Jafar Tukan and Portners Architects and Engineers Drawing Title: Drawing Title: BREIN PORCEMENT: BQUILPHIRYT Scale: Drawing No.:	ID	. ار	Joint Venture Pacific Cons	of utants international and
Jofar Tukan and Portners Architects and Engineers Drawing Title: INEURIPORCEMENT: BOULPHIENT: Scole: Drawing No.:				
Scole: Drowing No.:	└──Aarylle:\Vi+1	n 5.000 (ji † 10 f 10 - 500)	Jafar Tukan d	and Portnéis
Scole: Drowing No.:			Drawing Title:	· · · · · · · · · · · · · · · · · · ·
Scole: Drawing No.:	· · ·		BENING	
IX-033				Drowing No.:
	· · · · · · · · · · · · · · · · · · ·			XX-099



<u>با</u> ج

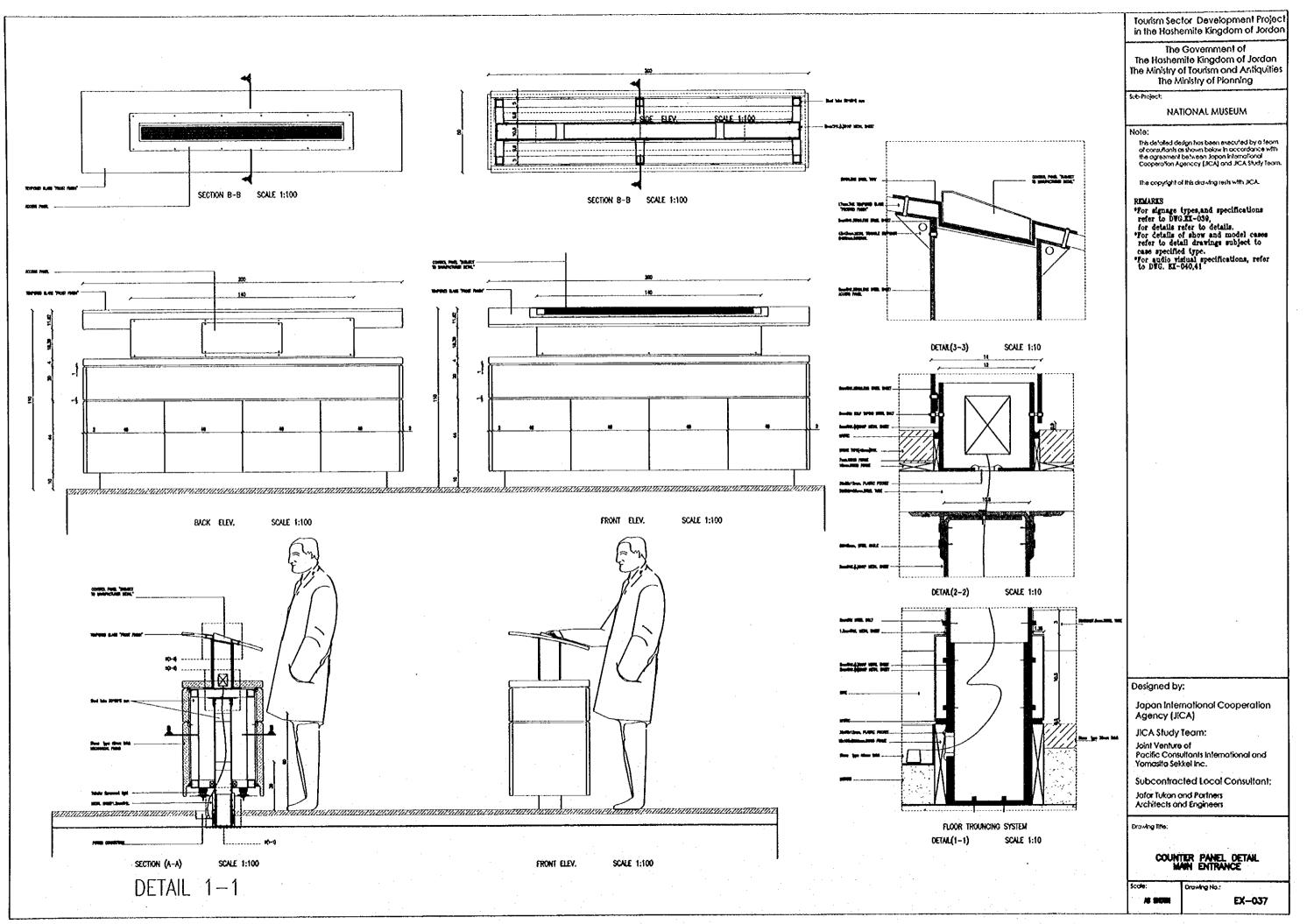


	Scale:	Drawing No.:	
:	MODELS SPECIFICATIONS EXHIBITION HALL		
	Drawing Title:	₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	
	Subcontrac Jafar tukan c Architects ar		
	JICA Study Joint Venture Pacific Cons Yomosita Sel	of ultants International and	
	Agency (Ji	-	
	Designed by	<i>г</i> .	
	Cooperation.	nl between Jopan Internolional Agenccy (JICA) and JICA Study Team. of this drawing rests with JICA.	
	of consultants	leign has been executed by a feam as shown below in accordance with a behaves it was helperfaced.	
	Sub-Project:	ATIONAL MUSEUM	
	The Hashe The Ministry	e Government of mite Kingdom of Jordon of Tourism ond Amilquities Ministry of Planning	
		ctor Development Project nemite Kingdom of Jordan	

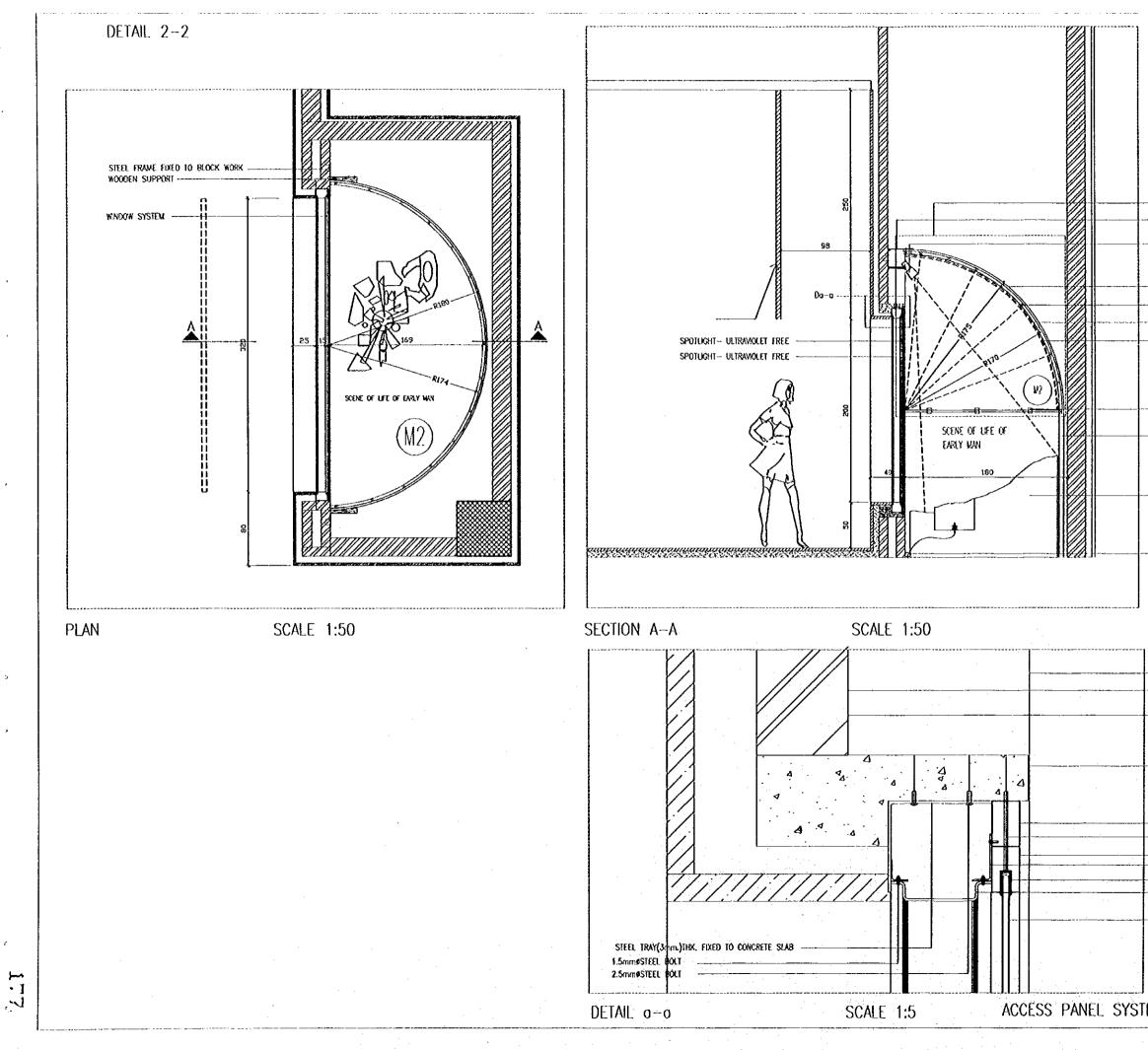
.

(1) 8-1.2 Hulleniklic Parlod Palace	None of alloc ing at Anit	-2.Roman Cropine & Deception	Roman Foct	Nome of Sile Jugar	() 9-1.5aty W	anic Quayr Anero Coneral	twe Name of sheQuage Imme
				P.b.			
Jubiched Bald Littl Jubiched Bald Link 3 Salle og (LPLS) Junch	d mål	International States Antoined States Lock 5 3.20m m ().571.00 9-3.30m Informic Support	Ipp Addahard mid So V 13 * 3 13 * 8 82 Solo <		Antoine 10 100 100 100 100 100 100 100	In a constant of the second se	
	s ta						
Shà Th Anna Anna Anna Anna	d bally	ing Jakaded Bal Lake a Lake a	Imp Indicated State Sin I Sit > 3 St > 2 St > 2 St > 12 OS > 12 O			Image: Second state Image: Second sta	

Tourism Sector Development Projec in the Hoshemite Kingdom of Jordar
The Government of The Hoshemite Kingdom of Jordan The Ministry of Tourism and Antiquities The Ministry of Planning
Sub-Project
NATIONAL MUSEUM
Note: This defailed design has been executed by a team of consitiants as shown below in accordance with the agreement between Japan Infernational Cooperation Agencoy (JICA) and JICA Study Team.
The copyright of this drawing tests with JCA.
Designed by:
Japan International Cooperation Agency (JICA)
JiCA Study Team:
Joint Venture of
Pacific Consultants International and Yamasita Selokei Inc.
Subcontracted Local Consultant:
Jafar Tukon and Partners Architects and Engineers
Drawing little:
MODELS SPECIFICATIONS EXHIBITION HALL
Scole: Drawing No.:
1:100 EX36

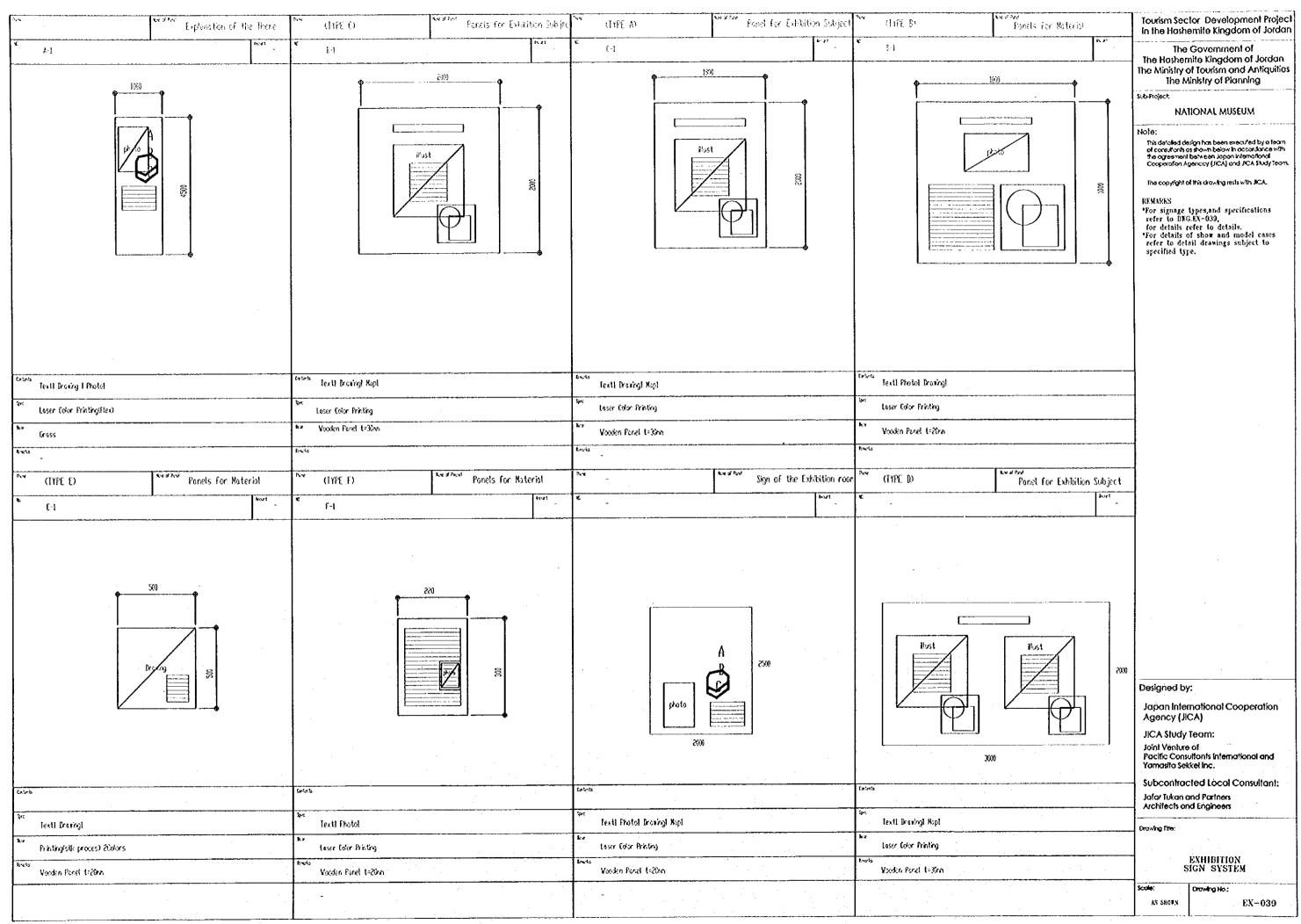


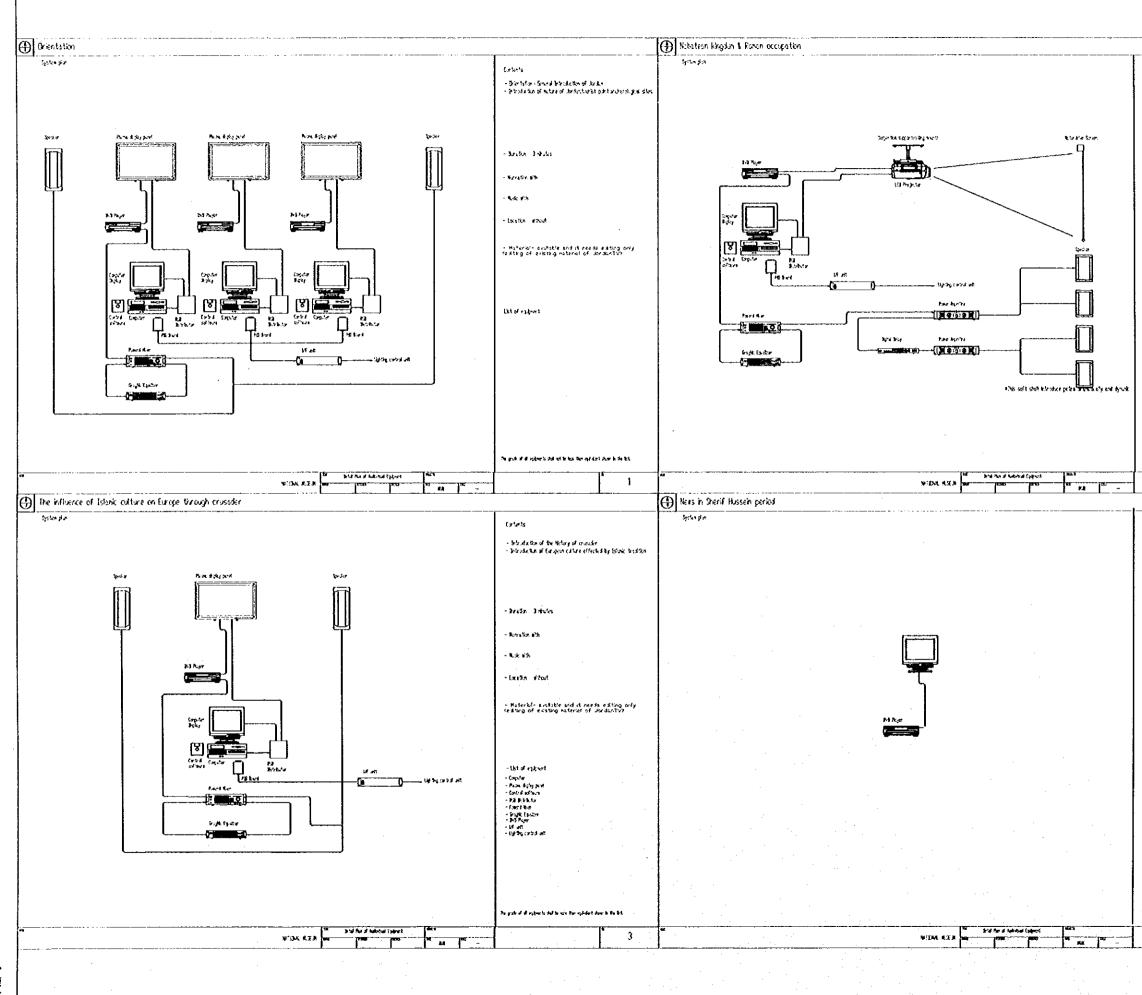
}---• 1 6



÷

		ctor Development Project emite Kingdom of Jordan
	The Hasher The Ministry	Government of mite Kingdom of Jordan of Tourism and Anliquities Ainistry of Planning
	Sub Project	
		TIONAL MUSEUM
	 of consultants (the agreement) 	esign has been executed by a learn as shown below in accoldance with I between Japan International gencey (JICA) and JICA Study Tearn.
— 1/2 DOON FIXED ON 1/2 CYLINDER	The copyright (of this char ing tests with JICA.
STEEL FRAME FIXED TO BLOCK WORK	REMARKS "For signage	types, and specifications
Spotlight- Ultraviolet free	refer to DV for details a *For details o refer to del	GEX-039, refer to details. of show and model cases all drawings subject to
WOODEN FRANE	specified by	ç.e.
WOODEN SPACER(30X38mm.)		
- PLYWOOD PANELS		
LAWAATED POSTER OF LIFE SCENERY PRINTED ON PAPER MEDIA		
FIXATION BEHIND		
50mm.TRK.WOOD FRAVE		
NODEL LOCATION	-	
POWER CONNECTION		
LINIT OF WOODEN DOOM		
BLOCK WORK		
STONE TYPE(30mm.)THX.		
R.C.LINTEL	Declaration	
		national Cooperation
ATCC THE AUGUST	Agency (JK	-
STEEL TUBE FIXED TO CONCRETE SELF TAPING BOLT	JICA Study Joint Venture	of
— stainless steel frane(30x50mm.) — steel angle(20x100x1.5mm.)	Yamasita Sek	
 RUBBER STAINLESS STEEL CORRUGATED SHEET (2.5mm.) 	Subcontrac Jotar Tukon a Architects on	
POWER CONNECTION	Drawing Ris;	
		TION HALL MODEL CASE DETAIL
	Scole:	Drawing Ho.:
ÊM	,	-

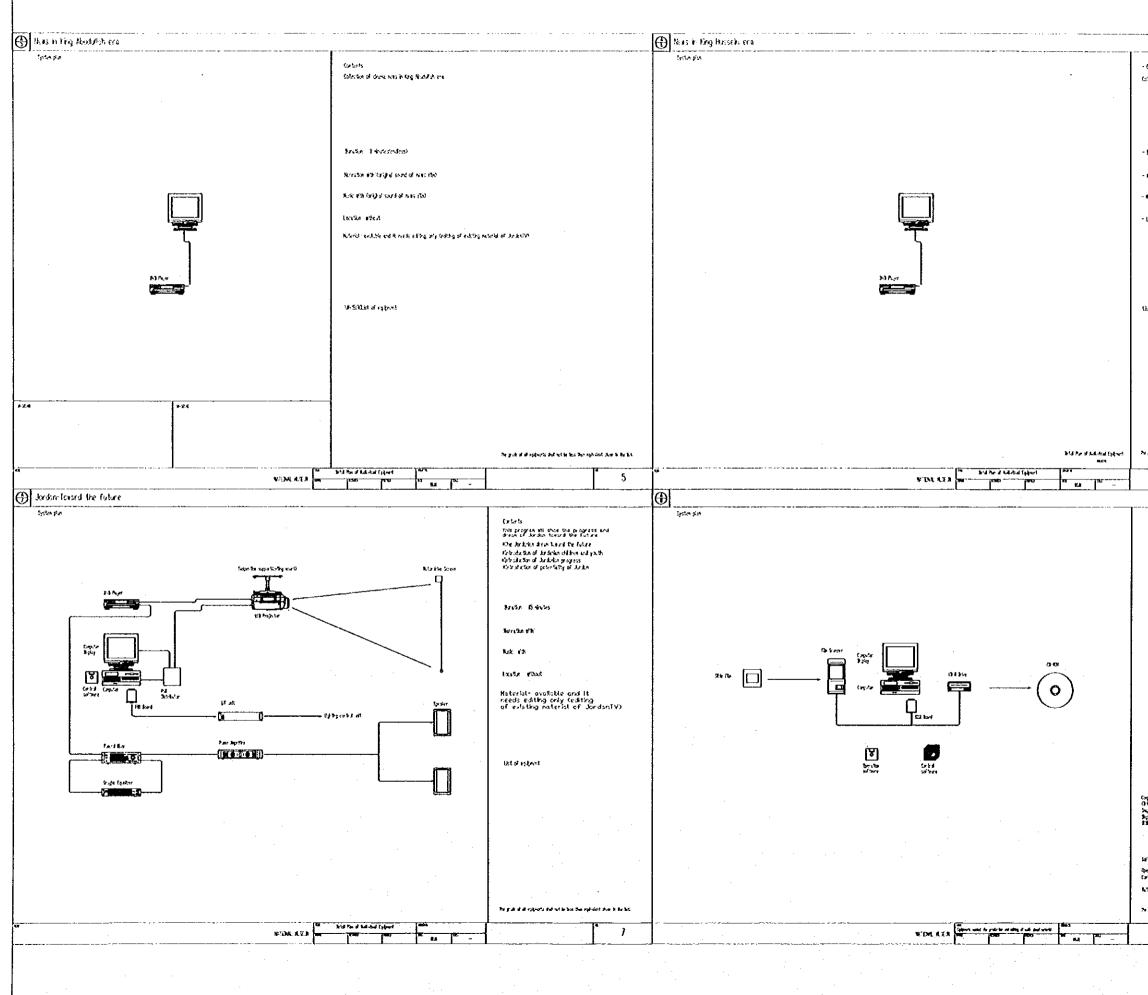




л

.

		In the Hash The The Hasher	tor Development Project emite Kingdom of Jordan Government of nite Kingdom of Jordan
		The Minishy (of Tourism and Antiquities
Carlots Production of the Bolary of Western Daylor & Prince as Workfall searcy of Polytometric of Febra General of Alexan Daylor & Done optic Darage for all March Daylor & Done optic Daylor & Marchae History & Daylor by and Arack With Soft Parabase History & Daylor by and Arack	. 21 ⁵ 8	Sub-Project. NA Note: This detailed de	Ainistry of Planning TIONAL MUSEUM
- Jacks Inter		of consultants of the ogreement	as shown below in accordance with I between Japan International genocy (JICA) and JICA Study Team.
- Remaissa with		The copyright of	of this drawing tests with JICA.
- R.2 75		REMARKS	types, and specifications
-1511500 - 45001		refer to DAt for details a	GTX-039, refer to details.
- Naterial- available and it needs editing only fedding of existing naterial of JurdanTva	i		of show and model cases ail drawings subject to pe.
Se guile of all approximated within text free aphrical size is the b	H		
s • ا		1	
Understand son ann a Duri Hasch peini Lein Da a' den ann a Duri Hasch peini Anns crear àg d'A Mai teologa Ungen			
- Uration 3 obvies			
- Kneta 13			
- References			
- Eaclefon militaut			
- Naterial- available and it needs ediling only leaking of edsting naterial of Jondon's vi			
		Designed by	/. /.
list of explored NJ Pape RPA: SALN		Japan Inter Agency (Ji	national Cooperation CA}
		JICA Study Joint Venture	Team: of vitants International and
			cled Local Consultant; and Partners
The grade of all englowerite chail be ward that explorated share in the list.		Drawing litie:	
× 4			HIBITION HALL SUAL SPECIFICATIONS
		Scale:	Orawing No.: EX-040
· · · · · · · · · · · · · · · · · · ·			L



2

. · · · · · ·

.

. . .

· · · · · · · · · · · · · · · · · · ·	in the Hasher	r Development Project nite Kingdom of Jordan
	The G The Hoshemil The Ministry of	iovernment of le Kingdom of Jordan Tourism and Antiquilies Istry of Planning
- Barbards Billio, San di Chame na 16 In 18 g Naisch ann	Sub-Project: NATIC	DNAL MUSEUM
	of consultants as s the ogreement be	n has been suscufed by a learn hour below in occardance with ween Jopan interrofonal
- Barton - Indutestandassi		hocy (JICA) and JICA Study feam.
- Kreska at Criptoi sourd of news fite	The copyright of #	is drowing rests with JiCA.
n Herch Mills Conjune Isoled of Inces: App	6	pes,and specifications X-039,
-Laše rest	for details refe *For details of	
list of expanse		
भ हाले में से स्ट्रीप्ट के लेने के प्या देश स्तृतिंग के कि की		
6		
L		
		_
	Designed by:	·
	Japan Interna	itional Cooperation
Copular - geodia.sta to be surplice Definition - read & units	Agency (JICA JICA Study Te	1
GH Brin - read B with Day Servar Brity seren Bill Bard	Joint Venture of	
	Yamasita Sekkel	Inc.
lafarra Derikar safawa 1975 safarra Nafal Dak Fla	Subcontracte Jafar Tukon and Architects and E	
Narria Rate Fila Na gade di në eshencis shek në kes fan eshinit nën k terbet	Drowing little;	
• 7		BITION HALL AL SPECIFICATIONS
	Scole: Dr	awing No: EX-011
<u></u>	L	



THE TOURIST SECTOR DEVELOPMENT PROJECT IN THE HASHIMITE KINGDOM OF JORDAN SUB -- PROJECT

NATIONAL MUSEUM STRUCTURAL WORK

RAWING NO.	DRAWING TITLE	SCALE
		NS
	COVER	NS
S-001	DRAWING TITLE	NS
S-002	GENERAL NOTES-1	NS
5-003	CENERAL NOTES-2	
S-100	SUB-FOUNDATION PLAN	1/200
S-101	FOUNDATION PLAN	1/200
\$-102	COLUMNS AND BEARING WALLS FRAMING PLAN	1/200
S-103	GROUND FLOOR SLAB FRAMING PLAN SHOWING REINFORCEMENT IN X-DIRECTION	1/200
S-104	GROUND FLOOR SLAB FRAMING PLAN SHOWING REINFORCEMENT IN Y-DIRECTION	1/200
5-105	FIRST FLOOR SLAB FRAMING PLAN SHOWING REINFORCEMENT IN X-DIRECTION	1/200
S-106	FIRST FLOOR SLAB FRAMING PLAN SHOWING REINFORCEMENT IN Y-DIRECTION	1/200
S-107	SECOND FLOOR SLAB FRAMING PLAN SHOWING REINFOCEMENT IN X-DIRECTION	1/200
5-108	SECOND FLOOR SLAB FRAMING PLAN SHOWING REINFOCEMENT IN Y-DIRECTION	1/200
S~109	ROOF AND TOP OF ROOF SLABS FRAMING PLAN	1/200
		1/50/20
S-201	FOOTING DETAILS F1-F29	1/20
S-202	FOOTING DETAILS T1-T11, FA1-FA4 AND TA1-TA3	1/200
S-203	FOUNDATION DETAILS A-A, B-B, C-C AND D-D	1/100/2
S-204	COLUMN DETAILS C1-C2	1/100/2
S-205	COLUMN DETAILS C9-C17 AND C19	
S-301	JOIST DETAILS KI-K6 AND RI-R7	1/50/20
5-302	JOIST DETAILS MI-MS	1/50/20
S303	BEAM DETAILS 81-811 AND H4	1/50/20
S304	BEAM DETAILS B6-B21	1/50/20
S-305	BEAM DETAILS 822-843	1/50/20
S-306	BEAM DETAILS 832-852 AND H1-H2	1/50/20
S307	BEAM DETAILS H3 & H5-H14	1/50/20
S308	BEAN DETAILS H15-H21 AND N1-N6	1/50/20
5-309	BEAM DETAILS N7-N24	1/50/20
S-310	BEAM DETAILS W1-W10	1/50/20
S-311	BRIDGE MERENDEEL DETAILS AND C18	1/50/20
<u>\$-312</u>	SPACE FRAME DETAILS-1	NS
S-313	SPACE FRAME DETAILS-2	NS
S-401	GENERAL DETAILS X1-X14	1/20
5-402	GENERAL DETAILS X15-X30	1/20
S-403	CENERAL DETAILS X31-X48	1/20
S-405	GENERAL DETAILS X49-X68	1/20
S-405	GENERAL DETAILS X69-X87	1/20
	GENERAL DETAILS X88-X104	1/20
S-406 5-407	CENERAL DETAILS X105-X116	1/20
S-407	STAR DETAILS STI-ST3	1/20
S-409	STAIR DETAILS ST4-ST6	1/50
		1/100
S-501	SUB-FOUNDATION PLAN-1	1/100
\$-502	SUB-FOUNDATION PLAN-2	1/100
S-503	SUB-FOUNDATION PLAN-3	1/100
S~504	SUB-FOUNDATION PLAN-4	

DRAWING NO.	DRAWING TITLE					
	FOUNDATION PLAY-1					
<u>S-505</u>	FOUNDATION PLAN-2					
S-506 S-507	FOUNDATION PLAN-3					
S-508	FOUNDATION PLAN-4					
3-300						
5-509	COLUMNS AND BEARING WALLS FRAMING PLAN-1					
S-510	COLUMNS AND BEARING WALLS FRAMING PLAN-2					
S-511	COLUMNS AND BEARING WALLS FRAVING PLAN-3					
S-512	COLUMNS AND BEARING WALLS FRAMING PLAN-4					
	CROUND FLOOR SLAB REINF. IN X-DIRECTION-1					
5-513	CROUND FLOOR SLAB REINF. IN X-DIRECTION-1 CROUND FLOOR SLAB REINF. IN X-DIRECTION-4					
S-514						
S-515	CROUND FLOOR SLAB REINF. IN Y-DIRECTION-1					
5-516	CROUND FLOOR SLAB REINF. IN Y-DIRECTION-4					
\$-517	FIRST FLOOR SLAB REINF. IN X-DIRECTION-3					
S-517 S-518	FIRST FLOOR SLAB REINF. IN X-DIRECTION-4					
S-519	FIRST FLOOR SLAB REINF. IN Y-DIRECTION-J					
S-520	FIRST FLOOR SLAB REINF. IN Y-DIRECTION-4					
3-520						
5→521	SECOND FLOOR SLAB REINF. IN X-DIRECTION-4					
S-522	SECOND FLOOR SLAB REINF. IN Y-DIRECTION-4					
S-523	ROOF SUAB-1					
S-524	ROOF SLAB-4					
ļ						
·						
						
ļ						
·						

Tourism Sector Development Project in the Hashemite Kingdom of Jordan

The Government of The Hashemite Kingdom of Jordan The Ministry of Tourism and Antiquities The Ministry of Planning

Sub Project.

NATIONAL MUSEUM

Note:

SCALE

1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100 1/100

.

This detailed design has been executed by a learn of consultants as shown below in accordance with the agreement between Japan hiermational Cooperation Agencey (JICA) and JICA Study Team.

the copyright of this drawing rests with JICA.

Designed by:

Japan International Cooperation Agency (JICA)

JICA Study Team:

Joint Venture of Pacific Consultants International and Yamasita Sekkei Inc.

Subcontracted Local Consultant:

Jafor Tukon and Portners Architects and Engineers

Drowing Title:

DRAWING TITLE

Scale:	
	345

CODE OF PRACTICE

Design, detailing and workmanship shall be according to the Jordan Code for Reinforced Concrete

DIMENSIONS

All Dimensions are in Centimetres.

DRAWINGS

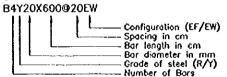
- Structural drawings shall be read in conjunction with Architectural, Mechanical and Electrical drawings.
 Steves and openings smaller than 200X200 mm are not shown on the Structural drawings. For required openings refer to Architectural, Mechanical and Electrical drawings.
 Contractor shall prepare working drawings and bar bending schedules for reinforcement in a format agreed with the engineer.
 Crawings are not necessarily to scale.
 Chamfers for fair faced concrete are not shown on Structural Drawings. Reference should be made to Architectural details for such purpose.

NOTATION

- Bollom Bars Bollom Level of Footing
- 80F = 8U = EF = = Bottom Level of Footing = Bent Up Bors = Each Face = Each Way = Horizontal Bars = L shaped Top Bars = Locer bors at side foces
- ĒW

- = Mild Steel Bars
- S = Stirrups SOG = Slab on Grade
- TGB TOF
- Slab on Grade
 Top Bars
 Top Level of Grade Beams
 Top Level of Footing
 Top Level of Structural Slab
 U shaped Bars
 Vertical Bars
 High Yield Bars
- ISS

Ploce (T/8/BU/U/L/M/S/V/H)



MARKING SYSTEM

An alphanumeric marking system is employed for structural members.

A member mark or detail mark is made up of one or two alphabetic characters followed by one or two numeric digits.

The alphabetic characters define a series of structural members. Members which fait in a series usually are of the same type or have the same or similar cross section. The character designation employed for member series is as follows:

Beoms	<u> </u>	8,0,E,H,I,K,L,N,N,O,U,V
Columns		C
occinas		F
Grode Beams		G
Ribbed Stobs		J&R
Solid Slobs		P
Stoirs	<u> </u>	S
Strip Footings		т
Noli Beams		W
Sections		X,Y&Z

REINFORCED CONCRETE

- The following two types of reinforced concrete shell be employed:
- C25 Grade 25 for all reinforced concrete members except columns.

C30 - Grade 30 for all reinforced concrete Columns. Characteristic Strength as defined by a 150 mm cube at age of 28 days shall be:

C25 - 25 NPa C30 - 30 NPa Minimum cement content, per cubic metre, shall be:

C25 - 300 kitograms C30 - 350 kitograms

Maximum water-cement ratio shall be:

 $\begin{array}{rrrr} C25 & - & 0.60 \\ C30 & - & 0.55 \end{array}$

PLAIN CONCRETE

The following two types of plain concrete shall be employed

- C15 Grada 15 for all plain concrete blinding under foundations
- Grode 20 for all plain concrete backing C20 for stone wolls.

Characteristic Strength as defined by a 150 mm cube at age of 28 days shall be:

C15 - 15 MPa C20 - 20 NPa

Ninimum cement content, per cubic metre, shall be:

C15 — 200 kilograms C20 — 250 kilograms

Maximum water-cement ratio shall be:

C15 - 0.70 C20 - 0.65

COVER

Clear concrete cover to reinforcement shall be:

50 mm for concrete below grade. 25 mm for internal concrete faces above grade. 30 mm for exposed fair faced concrete surfaces.

AGGREGATES

Naximum aggregate size shall be 20 mm.

FOUNDATIONS

The faotings are designed for an allowable bearing capacity equal to 200 kPa, and shall be founded on a 3 meter thick hardcore sub-foundation.

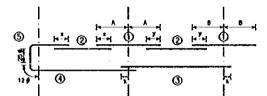
The soil on site shall be excavated and removed down to a minimum of 3 metres below the bottom of foundation level. The ground at the excavated depth shall then be compacted by heavy vibrator roller (16 tons) for at least one week repeatedly. Additionally, a network of boreholes at 3.0 meter spacing shall be filled by pressure grouting to ensure that all underground voids are filled.

Following the completion of grouting, the excavation shall be bockfilled with a 3.0 meter thick selected coarse grained granular material in layers not exceeding 25cm and compacted to 95% of maximum dry density. Since the bottom of footing levels are not all the same, backfill shall be made to the highest bottom footing level for each zone, and required excavations up to 30cm deep for the deeper foundations shall be made by hand.

REINFORCEMENT

- 1- All reinforcing bars of a diameter larger than 8 millimetres shall be deformed high strength steet
- bars of Characteristic Strength equal to: fy=420 MPa.
 2~ Bars of 6 and 8 millimetres diameter shall be of mild steel of Characteristic Strength equal to: fy=280 MPo
- 3- Reinforcement sholl comply with BS4449 , BS4461 or BS4483 4- Reinforcement shall be placed as shown on the
- 4- Kentorcement shall be placed as shawn on the drawings and in the lengths specified. 5- Where bar length is not specified, longest practicable bar length shall be employed with staggered top splices. Lop length shall be 55 times bar diameter. 6- Bar crank shall not exceed 1:12.

PLACEMENT RULES FOR BEAM REINFORCEMENT



Placement of bars shall be as follows, unless indicated

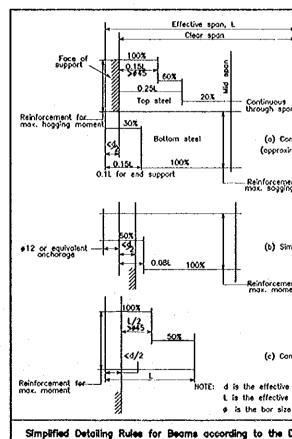
- 0 Top bars at interior supports shall be placed centrally on the support axis lines,for approximately equal span.
- ⑦ Top bars in spons shall be placed to lop equal lengths with support top bars at both left and right.
- ③ Bottom bars in interior spans shall be placed to extend equal lengths beyond support centerlines at both left and right.
- (3) Bottom bars in exterior spans shall be placed such that they extend a length equal to 12 times bar size beyond the centerline of the exterior support. This length may include a 90 degree bend if sufficient room does not exist.
- (5) L bors as top reinforcement at exterior supports shall extend 25 times the bar size beyond the bend.



Bitumeneous Waterproofing Membrane shall be employed to protect and seal all reinforced concrete below grade or in contact with soil, including:

- bollom, side faces and lop of footings,
 bollom, side faces and top of grade beams,
 side faces of columns and walls below grade,
 bollom of reinforced slob on grade.

Use R8025 in Direction perpendicular to Top Bars to fix them in place. L 8495 L BARS R FARS Number within circle defines also thickness (12)< Doshed lines indicate axis lines of supporting beam or wat

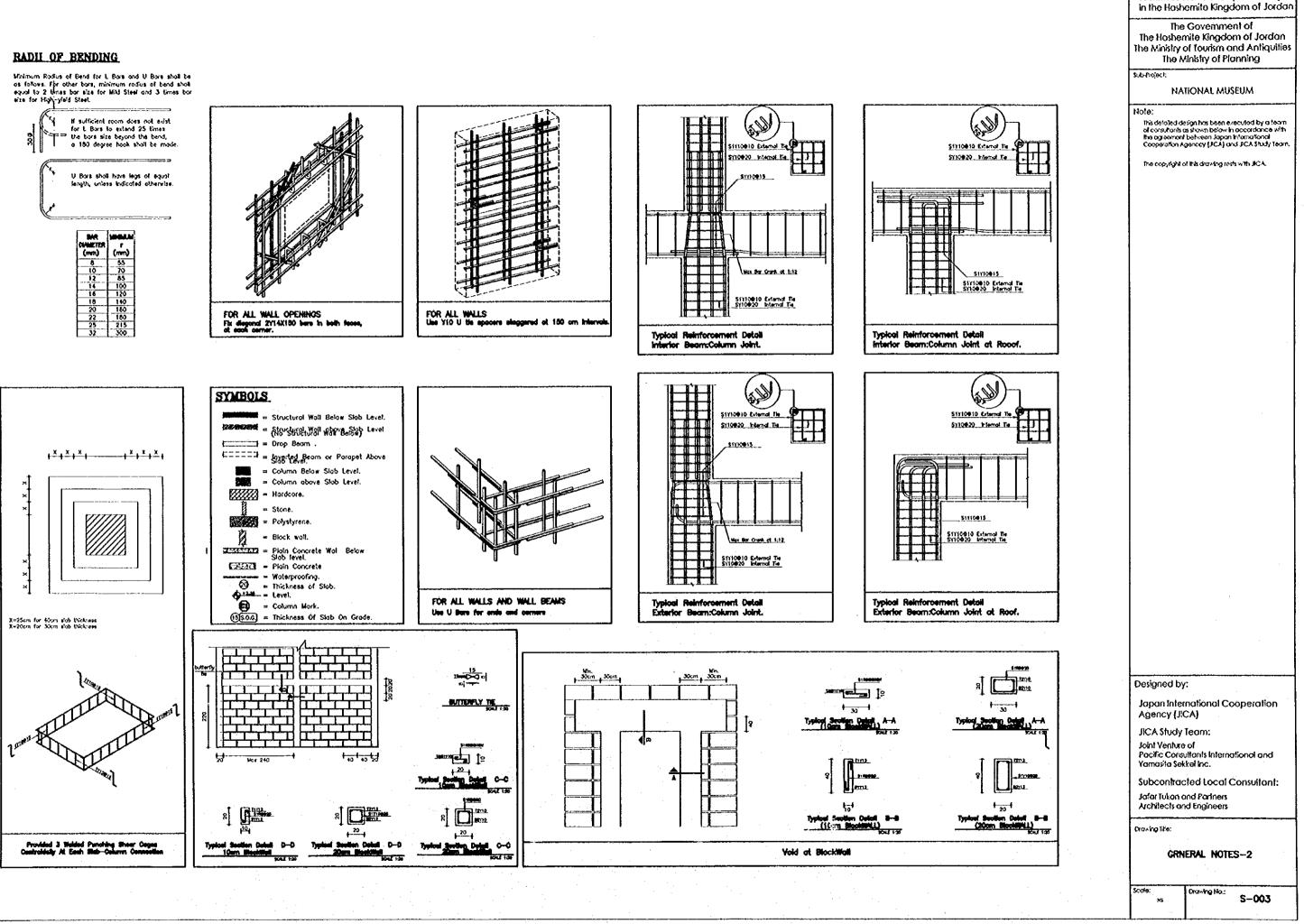


0 ثت.

	in the Hosh The	ctor Development Project emite Kingdom of Jordon Government of nite Kingdom of Jordon	
Notation Employed for Solid Slab Panels	The Ministry	of Tourism and Antiquities Ainistry of Planning	
Use R8025 in Direction perpendiculor to Top Bare to fix them in place.	Sub-Project		
	NA	TIONAL MUSEUM	
	of consultants of the option term	esign has been eracuted by a team as shown belew in accordance with Ibetween Jopan interrational genccy (JKCA) and JKCA Study Team.	
y B BARS		of this drawing rosts with JRCA.	
RANCE			
j			
Doshed fines indicate acis lines of supporting bosin or was			
L Effective span, L			
Clear span			
0.254 20X Continuous			
t for through spon			
Continuous member Continuous member Copproximately equal span) Continuous member Copproximately equal span)			
0.1L for end support Reinforcement for max. sogging moment			
otent \sim			
Reinforcement for max. moment			
<d (c)="" 2="" contilever<="" th=""><th></th><th></th></d>			
terHOTE: d is the effective depth L is the effective span \$\vert\$ is the bor size		national Cooperation	
Detailing Rules for Beams according to the Design Code.	Agency (Ji JICA Study		
	Joint Ventura	of utants international and	
	Subcontrac	ted Local Consultant:	
	Jafar Tukon a Architects ar		
	Drawing 11tia:	Drawing The:	
	GENERAL NOTES-1		
	Scole:	Drawing No.:	
	×S	S-002	

1-4 ()

فيهرار ا



Tourism Sector Development Project