

Appendix B

Key Personnel & Project Highlights

Key Project Personnel:

Dr. Dana van Alphen	Disaster Preparedness Programme Advisor for the Caribbean Region (PAHO)
Mr. David Taylor	Health Systems Advisor for the Eastern Caribbean (PAHO)
Ms. Lana McPhail	Permanent Secretary, Ministry of Health, Grenada
Mr. Clement Gabriel	Hospital Administrator, Ministry of Health, Grenada
Mr. Tony Gibbs	Supervising Consultant
Mr. Selwyn Woodroffe	Consulting Engineers Partnership Ltd., Local Consultant
Quinn Company Limited	Construction Contractor

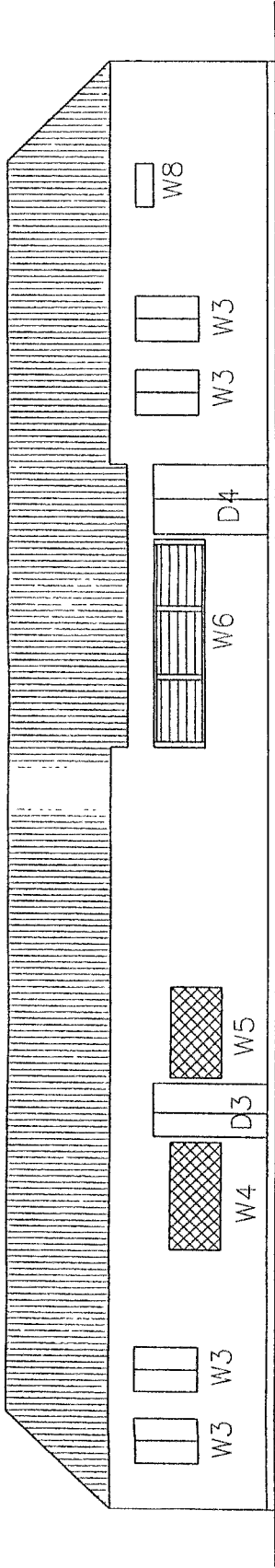
Project Cost Summary

<u>Item</u>	<u>Final Costs EC\$)</u>
1. Preliminaries	26,500
2. Acceleration Costs	15,000
3. Replacement of Doors & Door Frames	27,200
4. Storm Shutters	46,040
5. Roof Replacement	146,410
6. Clinical Chemistry Room Earthquake Mitigation Work	3,000
7. Repairs to First Floor	47,079
8. Painting	34,600
9. Electrical	30,099
10. Carpentry & Joinery	22,950
11. Sundries	1,600
GRAND TOTAL	EC\$ 400,478

Key Project Dates:

◆ Local Consultant briefed by Supervising Consultant	6 Aug 1999
◆ Local Consultant formally appointed by PAHO	18 Aug 1999
◆ Review of existing studies and interviews	Aug – Sep 1999
◆ Defining the Scope of Work	Oct – Nov 1999
◆ Meeting with New Hospital Design Team	22 Nov 1999
◆ Designs, Details & Contract Documentation	Dec 1999 – Feb 2000
◆ Award of Construction Contract	21 Mar 2000
◆ Duncan Ward Evacuated	1 Apr 2000
◆ Start of Construction Work	3 Apr 2000
◆ Practical Completion of Construction	24 Jul 2000
◆ Hand over of Duncan Ward to Hospital Administrator	24 Jul 2000
◆ Final Inspection of Works by Supervising Consultant	1 Aug 2000
◆ Expiry of Defects Correction Period	24 Oct 2000

Appendix C
AS-BUILT DRAWINGS



REAR ELEVATION (East)

WINDOW OPENING SCHEDULE

WINDOWS	Height	Width
W1	62"	X 42"
W2	60"	X 30"
W3	44"	X 33"
W4	36"	X 78"
W5	36"	X 64"
W6	36"	X 150"
W7	62"	X 34"
W8	12"	X 31"

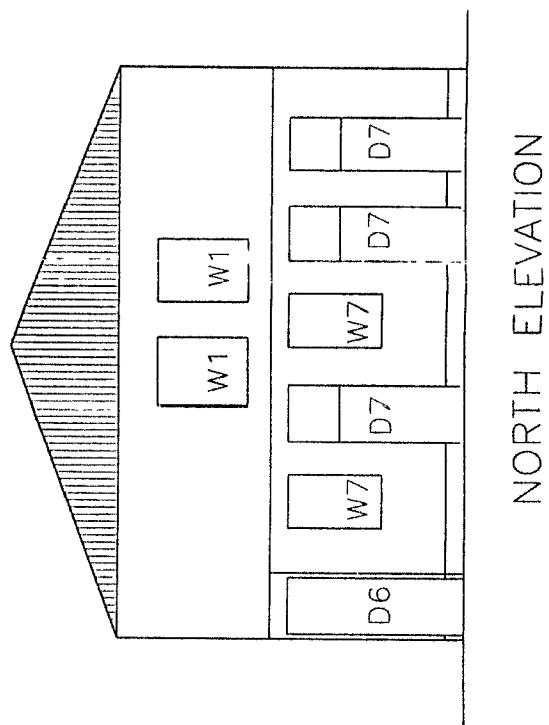
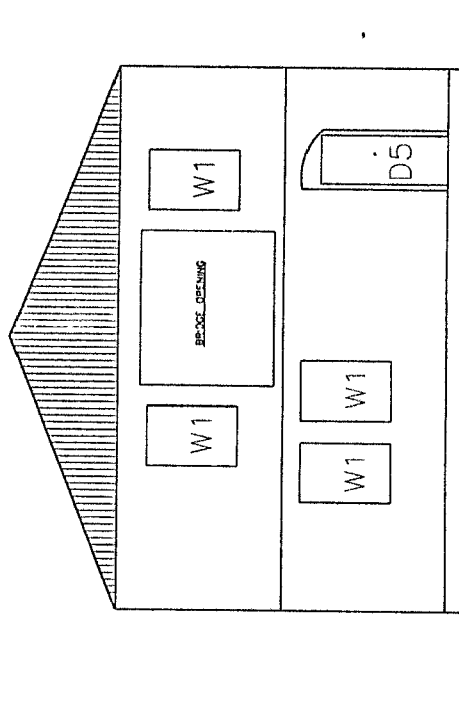
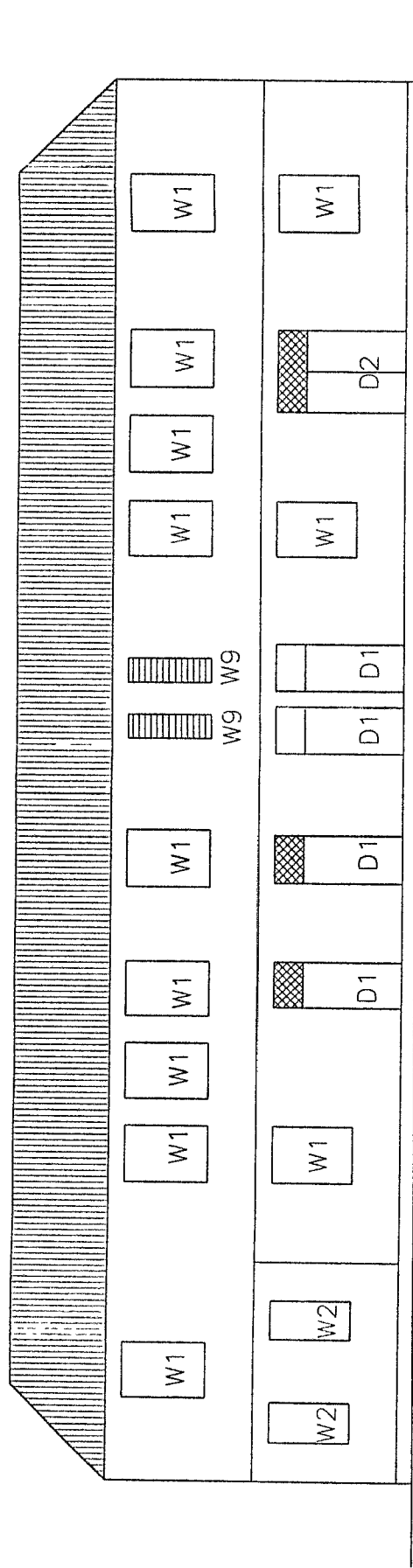
DOOR OPENING SCHEDULE

DOORS	Height	Width
D1	84"	X 35"
D2	84"	X 60" (Double Leaf)
D3	80"	X 38" (Double Leaf)
D4	80"	X 50" (Double Leaf)
D5	80"	X 32"
D6	80"	X 30"
D7	80"	X 36"

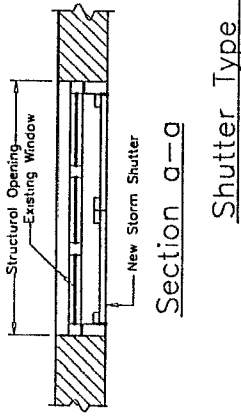
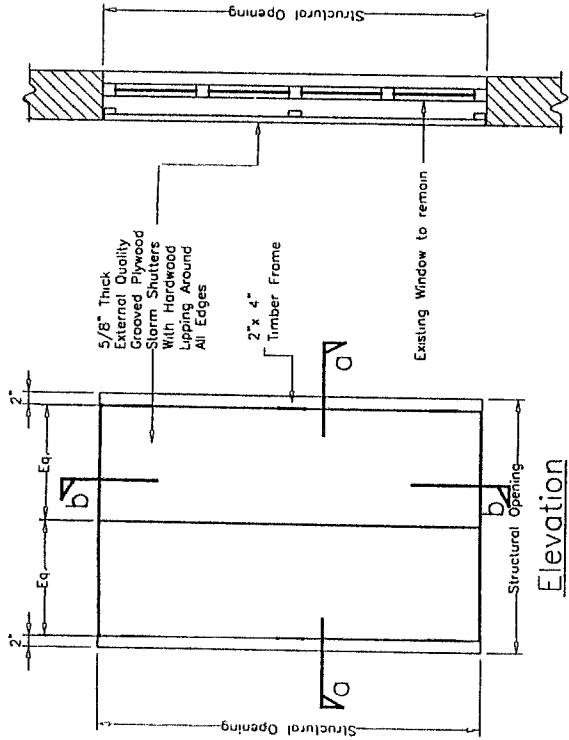
NOTE

All dimensions are to be verified on site prior to commencing the work

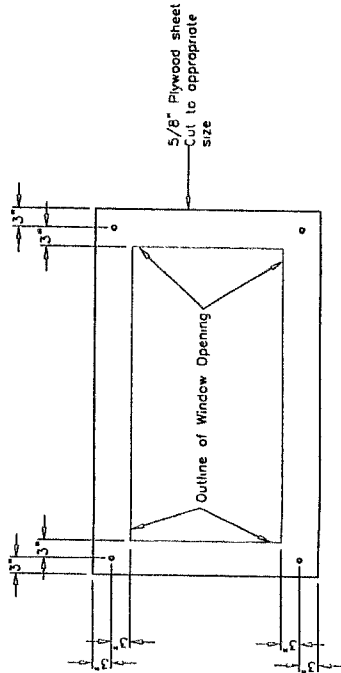
NOTES		DIPECHO		DUNCAN'S WARD		SCALE 1/8" = 1'-0"	
1 COVER TO REINFORCEMENT UNLESS OTHERWISE STATED		Pan American Health Organization		ELEVATIONS (Sheet 2)		DRAWN BSW Jan. 2000	
2 CONCRETE MIX		Vulnerability Reduction Project		CEP		TRACED	
3 MAXIMUM AGGREGATE SIZE		General Hospital, St. George's		3369		CHECKED	
		CONSULTING ENGINEERS PARTNERSHIP LTD				PASSED	
		P O Box 283 Lagoon Road St. George's GRENADA Tel (869)440-2233 Fax (869)440-4144				DRG. No 2	
AS-A1 STAGG; AR-ALL REVERSED; AP-ALL PLACED; B-BOTTOM; T-TOP; NF-NEAR FACE; FF-FAR FACE							



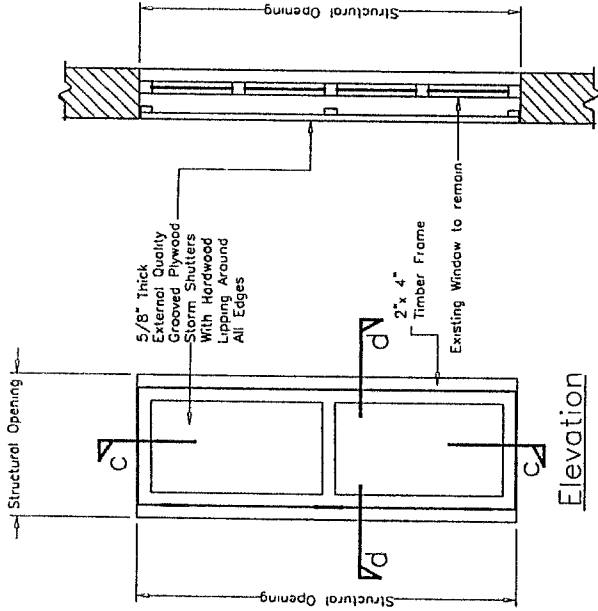
NOTES		REVISIONS		REFERENCE DRAWINGS E&P SCHEDULE NOS.		DIPECHO		DUNCAN'S WARD ELEVATIONS (Sheet 1)		SCALE		1/8" = 1'-0"	
COVER TO REINFORCEMENT UNLESS OTHERWISE STATED						Pan American Health Organization		Pan American Health Organization		DRAWN		BSN	
CONCRETE MIX						Vulnerability Reduction Project		Vulnerability Reduction Project		TRACED			
MAXIMUM AGGREGATE SIZE						General Hospital, St. George's		General Hospital, St. George's		CHECKED			
								CEP		PASSED			
								3369		DRC. No. 1			
SEAL STAGE: AB-AL, REVERSE: AB-AL, POCKET: B-BOTTOM, T-TOP: NF-NEAR FACE, FF-FAR FACE													
CONSULTING ENGINEERS PARTNERSHIP LTD. P.O. Box 283, Lagoon Road, St. George's, GRENADA. Tel: (869)440-2233 Fax: (869)440-4144													



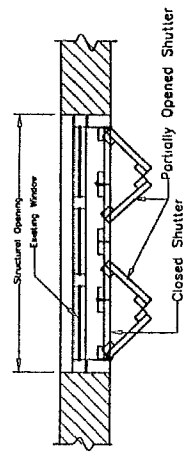
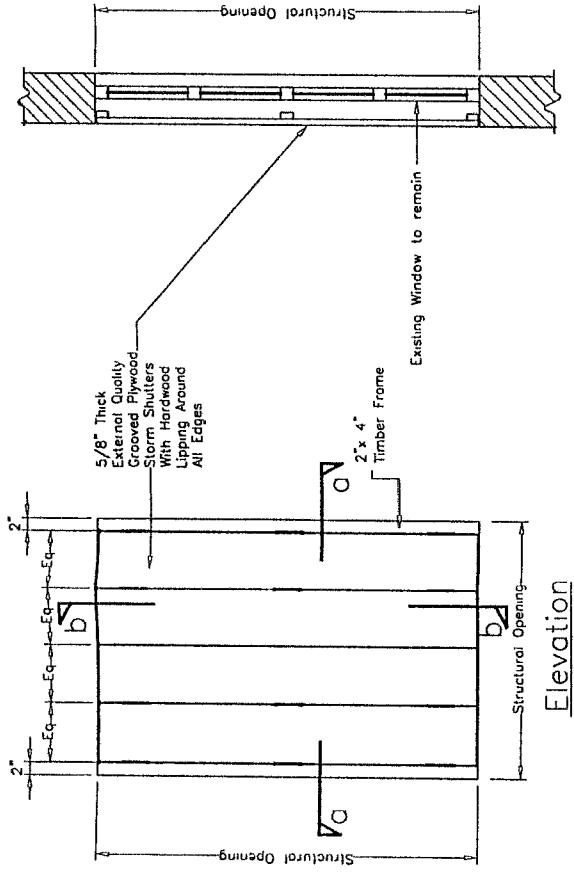
Shutter Type W3



Shutter Type W4, W5, W6 & W8

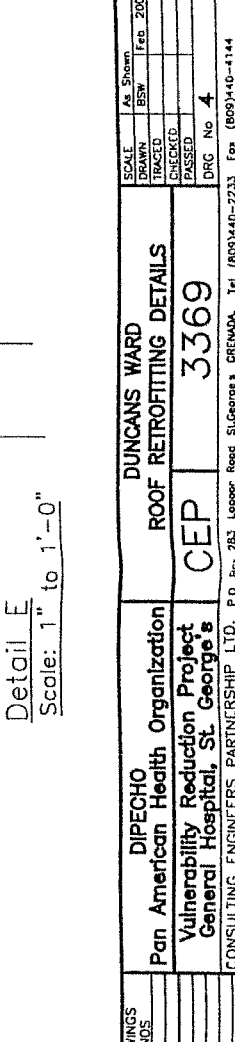
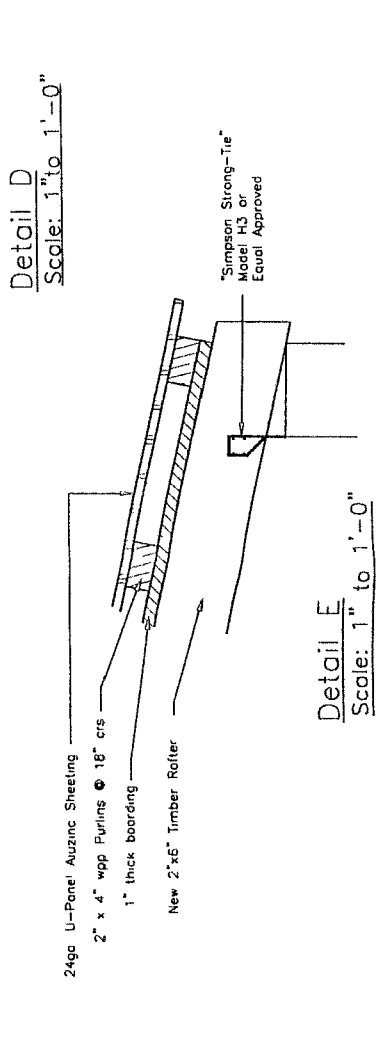
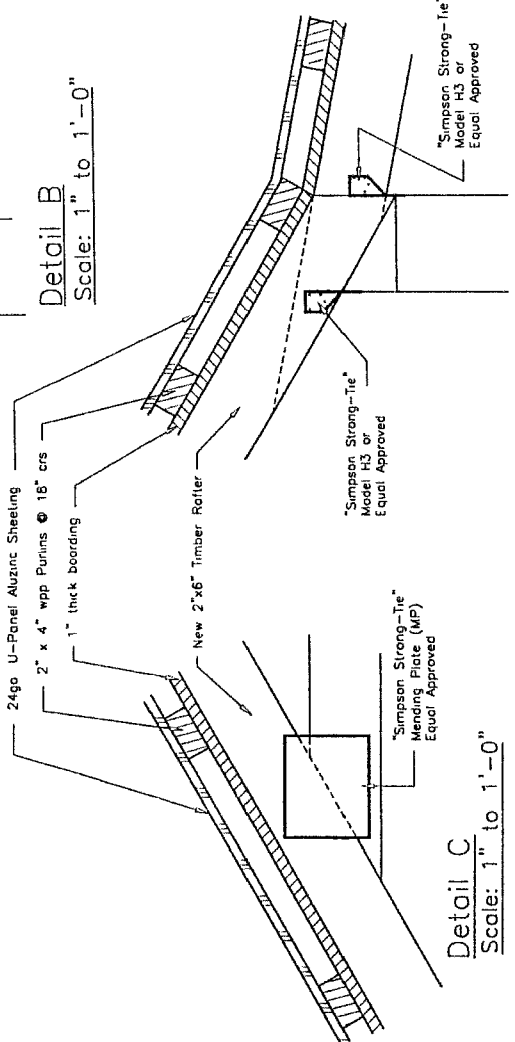
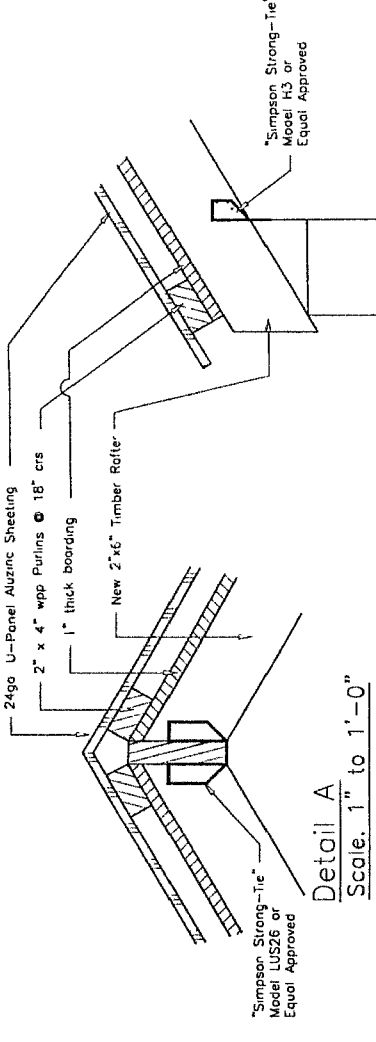
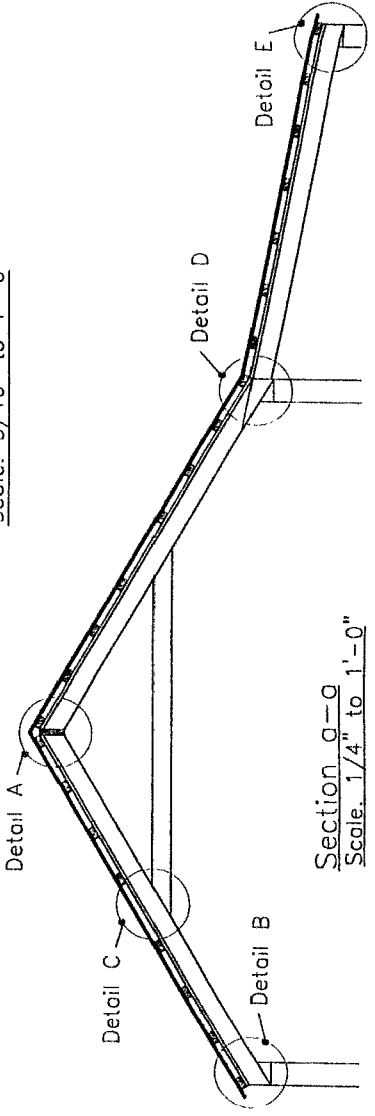
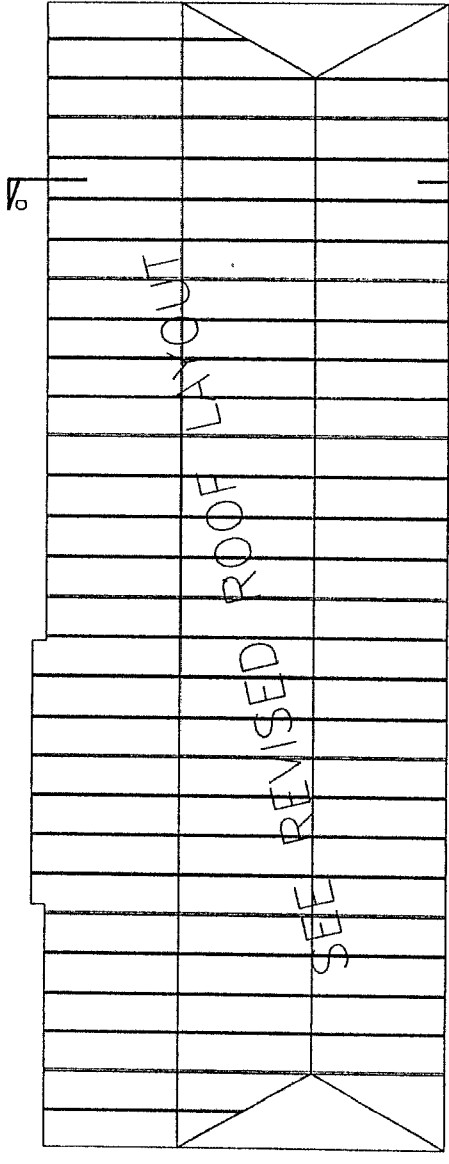
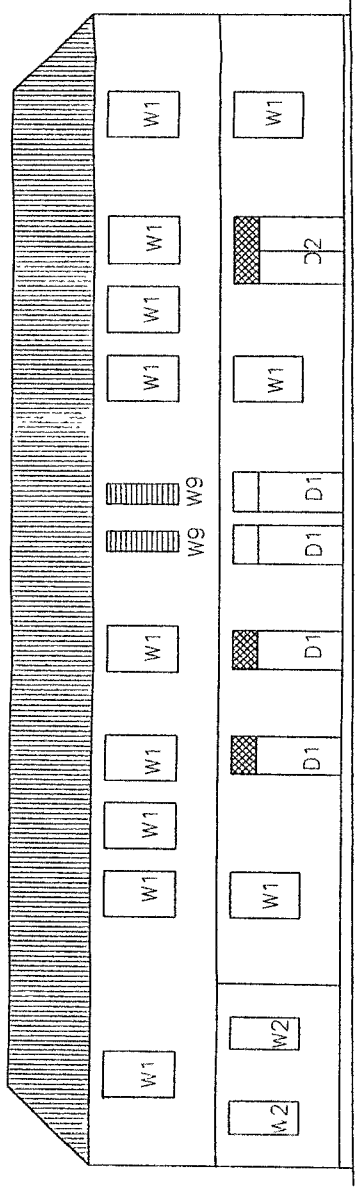


Shutter Type W9 (Internal Shutter)



Shutter Types W1, W2 & W7

NOTES				REVISIONS				REFERENCE DRAWINGS				DIPECHO				DUNCAN'S WARD			
1 COVER TO REINFORCEMENT UNLESS OTHERWISE STATED												Pan American Health Organization				STORM SHUTTER DETAILS			
2 CONCRETE MIX												Vulnerability Reduction Project							
3 MAXIMUM AGGREGATE SIZE												General Hospital, St George's				CEP			
																3369			



DIPECHO		Pan American Health Organization		DUNCANS WARD	
Vulnerability Reduction Project		General Hospital, St. George's		ROOF RETROFITTING DETAILS	
CONSULTING ENGINEERS PARTNERSHIP LTD. P.O. Box 263, Logger Road, St. George's, GRENADA. Tel: (869) 440-2233 Fax: (869) 440-4144		CEP		3369	
DRAWN		BSW		Feb 2000	
CHECKED		PASSED		DRG No. 4	
SCALE		As Shown			
COVER TO REINFORCEMENT UNLESS OTHERWISE STATED		CONCRETE MIX			
MAXIMUM AGGREGATE SIZE					
NOTES					
A1 STAGG, AR-A1 REVERSED, AP-A1, PLACED, R-BOTTOM, T-TOP, NT-NEAR FACE, FT-FAR FACE					
REVISIONS					
REFERENCE DRAWINGS		BAR SCHEDULE NOS			

"THE NON-STRUCTURAL VULNERABILITY
OF HOSPITALS AND HEALTH CENTRES"

EVALUATION SUMMARY

**"THE NON-STRUCTURAL VULNERABILITY
OF HOSPITALS AND HEALTH CENTRES"**
Workshops held in Jamaica (9-10 May, 2000) and Grenada (21-22 June, 2000)

EVALUATION SUMMARY

		Jamaica		Grenada	
		Ave. Score/6	Ave.%	Ave. Score/6	Ave.%
1. CONTENT	How relevant was this Workshop to your work?	5.67	94%	5.63	94%
2. EFFECTIVENESS	In relation to the topic, has this Workshop improved your:				
	attitude?	5.47	91%	5.21	87%
	knowledge?	5.18	86%	5.50	92%
	skills?	5.00	83%	4.69	78%
3. QUALITY	How well did the resource persons present their material?	5.83	97%	5.56	93%
4. EFFICIENCY	How well did the resource persons use the time allocated for the sessions?	5.50	92%	5.25	88%
5. FORMAT	Did the format allow you to participate?	5.44	91%	5.31	89%
6. OBJECTIVES	Please read again the objectives of the Workshop, have these been achieved?	5.44	91%	5.19	86%
7. WORKSHOP SESSIONS	Please provide a rating for:				
Presentations:	Seismic and wind hazards	5.28	88%	5.50	92%
	Mitigation and health services	5.22	87%	5.50	92%
	Non-structural damage	5.33	89%	5.56	93%
	Prevention of damage	5.12	85%	5.31	89%
	Introduction to vuln. surveys	5.18	86%	5.19	86%
Discussion:	Introduction to guidelines	5.25	88%	4.71	79%
Field Trip		5.19	86%	5.50	92%
Handout:	"Guidelines" Booklet	5.22	87%	5.00	83%
Videos:	"Mitigation" (PAHO)	Not asked		5.31	89%
	"Stormworthy" (FEMA)	Not asked		5.13	85%
8. ACCOMMODATION	Please rate the:				
	workshop room	4.94	82%	4.87	81%
	meals	4.18	70%	4.94	82%
	hotel	4.85	81%	5.00	83%
Overall		5.22	87%	5.22	87%