

CAMPUS PLANNING, DEVELOPMENT & MAINTENANCE OFFICE

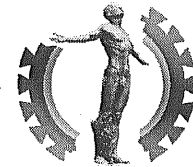
UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

P. Faura Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 526-8420

2013 0727 CLR 00084

CPDMO

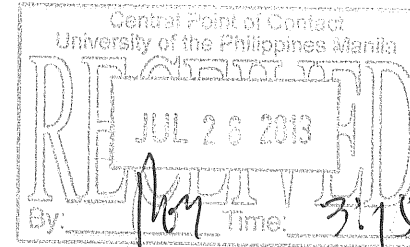


U.P. MANILA

REF. NO : **WDO77NPG05112013**

PROJECT TITLE : **SUPPLY AND INSTALLATION OF WINDOWS**
New College of Dentistry Building
University of the Philippines Manila

SUBJECT : **SCOPE OF WORKS AND SPECIFICATIONS**



Division 1 - General

Section 01000 General Requirements

1. The Contractor shall furnish all materials, equipment, tools, apparatus, appliances, accessories, transportation, labor and supervision required for the complete construction of the subject project, as shown on the drawings and called for in these specifications, ready for use.
2. All Contractors submitting proposal for this project shall first examine the site. All proposals shall take into consideration all such conditions that may affect the work under this contract. The specifications and plans shall form part as one. Anything mentioned on plans and not mentioned on the scope of work and specifications and vice versa shall be properly consulted to the CPDMO Project Architect/Engineer for clarification. Any work or materials not in accordance with the drawings or specifications shall be replaced with new at the Contractor's expense.
3. The Contractor shall coordinate his work with all parties to ensure proper phasing or schedule of works. The Contractor shall engage under him, a registered Engineer or Architect to supervise his work. He shall remain at all times in the construction site.
4. A logbook shall be available at the site. It shall contain the daily activities in the site, including weather condition, delivery, manpower and other matter pertaining to the condition of the project. It will also serve as data for Contractor and the Project Inspector.
5. Identification Card of construction workers and engineer/representative shall be supplied by CPDMO with corresponding fees; it should be worn at all times while inside the building/campus premises. Those without IDs shall not be allowed to enter the premises for security purposes.
6. No alteration or additional work that will result in an additive or deductive cost change from the Contract shall be allowed without the approval of the Chancellor and Accounting Office.
7. Complete specifications with product sample shall be submitted by the contractor to CPDMO and end-user for evaluation. Inspection of the Project Architect/Engineer in-charge shall be required prior to installation of any item/material on the construction.
8. Regular coordination meeting shall be conducted with CPDMO, Contractor and End-user for proper project monitoring.

9. Existing condition of the work site shall be documented by the contractor and photos shall be taken before commencement of work to ensure such status. Any damage on the areas due to the contractor's on-going work shall be refurbished at his expense.
10. The Contractor shall provide a complete copy of "As built plans" of the project/unit concerned which shall include all the civil, architectural, plumbing, electrical and other related layouts in 20" x 30" original sheets. It should be properly drawn indicating all the specifications, layouts, tables and necessary data. An initial layout should be submitted in a B4 sheet for checking and approval of Project Architect/Engineer. Final "As built plans" shall be submitted with soft and hard copies.
11. After completion of all works, the Contractor shall promptly remove from the premises all rubbish, trash, debris, and all superfluous building materials and restore all areas that were damaged as affected by the construction works and leave the site clean to the satisfaction of the Project Inspector or his representative and End-user.
12. All materials removed from the unit shall be properly documented prior to turn-over to the End-user for proper safe keeping.

Division 2 – Site Construction

Section 02200 Site Preparation

Mobilization / Demobilization

- This work includes mobilization process, provision for warning signs, including barricades, temporary facilities, temporary fences, warning lights and similar safeguards shall be provided by the Contractor as they are required for protection of his manpower and others during the construction life of this project.
- Demobilization procedure shall include clearing of the affected areas from all rubbish, trash, debris, and all superfluous building materials and restore all areas that were damaged as affected by the works and leave the site clean to the satisfaction of the Project Inspector or his representative and End-user.

Section 02230 Site Clearing

- Clear the area from all obstructions or as affected by the construction works, except those structures indicated on the drawings or designated by the Project Architect/Engineer to be left standing. It shall be properly protected from incidental damage due to construction works by the erection of suitable barriers upon approval of the Project Architect/Engineer.

Section 02290 Site Monitoring

- Site monitoring shall be a must to the contractor for the effective implementation of the project. Any discrepancies on plans and actual site conditions shall be properly coordinated with the Project Architect/Engineer concerned for verification.
- Regular coordination meeting shall be done between the contractor or its representative and the Project Architect/Engineer concerned at CPDMO.

Division 8 – Doors and Windows

Section 08500 Windows

Scope of Works

- The work covered by this Item shall consist of furnishing all aluminum powdered coated fixed/casement glass window materials, labor, tools and equipment required in undertaking the proper installation as shown on the Plans and in accordance with this Specifications.

Materials Requirements

- Window panel shall be 6mm thk. tempered clear glass connected at corners with miter joint fixed rigidly to ensure weather tightness.

Cleaning

- The contractor does not only protect all entrance units during the construction phase but shall also be responsible for removal of protective materials and cleaning the aluminum surface including glazing before work is accepted by the supervising CPDMO's Project Architect/Engineers/Inspectors.
- Aluminum powdered coated shall be thoroughly cleaned with kerosene or gasoline diluted with water and then wipe surface using clean cloth rags.
- No abrasive cleaning materials shall be permitted in cleaning aluminum surfaces

Division 9 – Finishes

Section 09999 Restoration and Repair

Restoration Works

- Restoration and repainting of damaged walls, windows and ceiling shall be the Contractors liability.

NOTE :

The foregoing list of item of works does not in anyway limit the responsibility of the Contractor to perform all other works necessary for the completion of the project.

GUARANTEE

The Contractor shall guarantee all works under this contract to be free from any technical, mechanical and electrical defects and shall replace and repair to the satisfaction of the Project Architect / Engineer and/or to the Chief of CPDMO on any part or portion of the work which may fail within **a period of one (1) year after the final acceptance of the system** provided such failure is due to defects in the material or workmanship.

COMPLETION PERIOD

The Contractor is given **Sixty (60) Calendar days** to execute the supply and installation of windows. The Contractor shall coordinate to the CPDMO Inspector and End-users for the schedule of turn-over and other related job.

Prepared by:



ARCH. LEONARD P. CORDERO
Administrative Officer V

Certified Correct:



ARCH. ALLEN R. BUENAVENTURA, MCM
Chief, CPDMO

Recommending Approval:

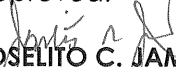


VICENTE O. MEDINA III, DDM, PhD
Dean, College of Dentistry



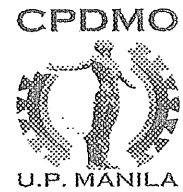
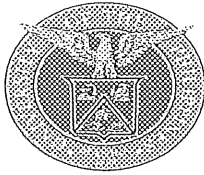
CHARLOTTE M. CHIONG, MD, PhD
Vice Chancellor for Planning
and Development

Approved:



JOSELITO C. JAMIR, MD.
Vice Chancellor for Administration

05 SEP 2013



BID PROPOSAL FORM

PROJECT TITLE **SUPPLY & INSTALLATION OF WINDOWS**
 New College of Dentistry
 University of the Philippines Manila

NAME OF BIDDER _____

TOTAL LUMP SUM _____ Php _____

ITEM	QTY.	UNIT(S)	DESCRIPTION(S)	UNIT COST	TOTAL COST
1.00			SITE PREPARATION		
1.10			Mobilization/Demobilization		
	_____ lot		Mobilization & Demobilization Works	PhP _____	_____
	_____ lot		Temporary Facilities	_____	_____
	_____ lot		Scaffoldings	_____	_____
			Sub-Direct Cost		PhP _____
			Total Site Preparation		PhP _____
2.00			CIVIL AND FINSHING WORKS		
2.10			Windows		
	_____ set(s)		(W-1) 4.00m x 1.10m Aluminum Powdered Coated Casement Window w/ 6mm Thk. Tempered Clear Glass	PhP _____	PhP _____
	_____ set(s)		(W-2) 2.80m x 1.10m Aluminum Powdered Coated Casement Window w/ 6mm Thk. Tempered Clear Glass	PhP _____	PhP _____
	_____ set(s)		(W-3) 2.50m x 1.10m Aluminum Powdered Coated Casement Window w/ 6mm Thk. Tempered Clear Glass	PhP _____	PhP _____
	_____ set(s)		(W-4) 1.75m x 0.60m Aluminum Powdered Coated Casement Window w/ 6mm Thk. Tempered Clear Glass	PhP _____	PhP _____
	_____ set(s)		(W-5) 1.30m x 1.10m Aluminum Powdered Coated Casement Window w/ 6mm Thk. Tempered Clear Glass	PhP _____	PhP _____
	_____ set(s)		(W-6) 1.20m x 1.10m Aluminum Powdered Coated Casement Window w/ 6mm Thk. Tempered Clear Glass	PhP _____	PhP _____
	_____ set(s)		(W-7) 0.90m x 1.10m Aluminum Powdered Coated Casement Window w/ 6mm Thk. Tempered Clear Glass	PhP _____	PhP _____
			Material Cost		PhP _____
			Labor Cost	0.30	_____
			Sub-Direct Cost		PhP _____

2.20 Restoration Works

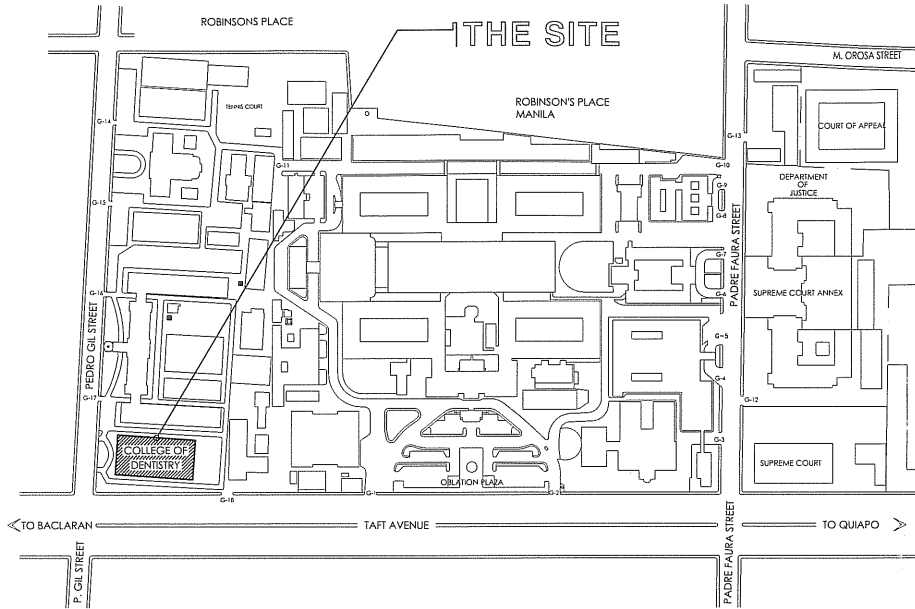
_____ lot	Restoration of affected areas	PhP _____	PhP _____
	Sub-Direct cost		PhP _____
	Total Civil and Finishing Works		PhP _____

SUMMARY

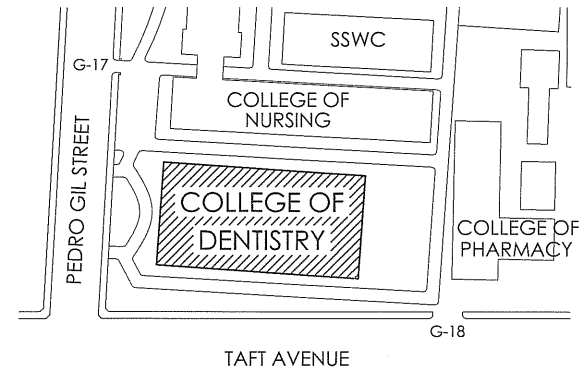
- 1.00 SITE PREPARATION
- 2.00 CIVIL AND FINISHING WORKS

Overhead cost @	%	PhP _____
Tax @	0.12	_____
Sub-total Cost		PhP _____
TOTAL PROJECT COST		PhP _____


PREPARED BY : _____
 Signature over Printed Name & Position/Designation Date



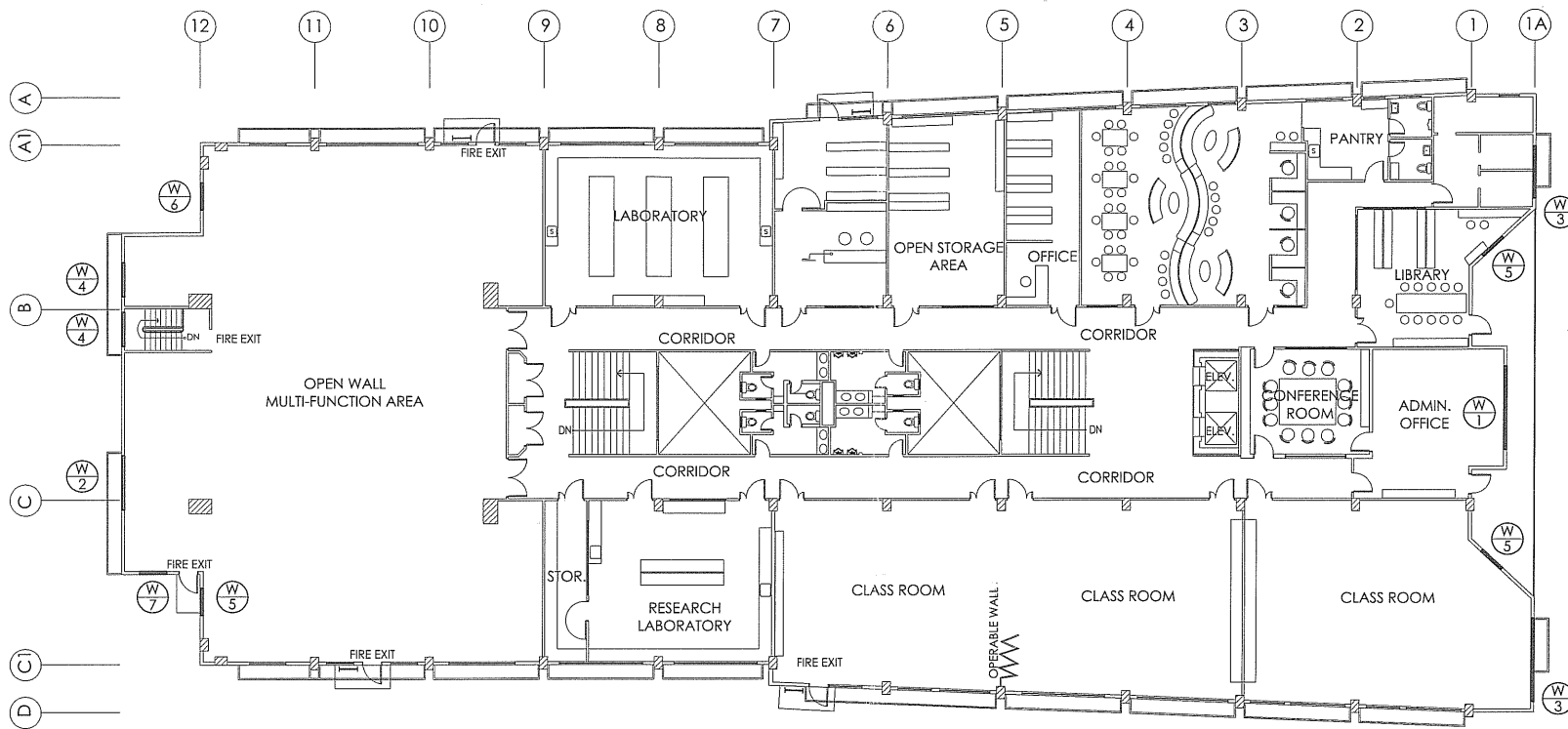
1 SITE DEVELOPMENT PLAN
A-1 NOT TO SCALE



2 KEY PLAN
A-1 NOT TO SCALE

 <p>CPDMO CAMPUS PLANNING DEVELOPMENT & MAINTENANCE OFFICE P. Faura Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 525-8420 U.P. MANILA</p>	<p>CERTIFIED CORRECT:</p> <p><i>Alen</i> ARCH. ALLEN R. BUENAVENTURA CHIEF, CPDMO</p>	<p>PROJECT TITLE:</p> <p>PROPOSED SUPPLY AND INSTALLATION OF WINDOWS FOURTH FLOOR, COLLEGE OF DENTISTRY UNIVERSITY OF THE PHILIPPINES - MANILA</p>	<p>RECOMMENDING APPROVAL:</p> <p><i>Vicente O. Medina III</i> VICENTE O. MEDINA III, DDM, PH.D. DEAN, COLLEGE OF DENTISTRY</p>	<p>APPROVED:</p> <p><i>Jose L. Javier</i> JOSE LITO C. JAVIER, MD VICE CHANCELLOR FOR ADMINISTRATION</p>	<p>SHEET CONTENT:</p> <p>SITE DEVELOPMENT PLAN LOCATION PLAN</p>	<p>DATE ISSUED:</p> <p>DATE REVISED:</p> <p>REVISION NO.:</p> <p>REF. NO.:</p> <p>WDD077NPG05112013</p>	<p>SHEET NO.:</p> <p>A-1</p>
	<p>PREPARED BY:</p> <p><i>Bon Romasanta</i> ARCH. LEONARD P. CORDERO ADMINISTRATIVE OFFICER V</p> <p>CADD BY: BON ROMASANTA</p>	<p>DATE ISSUED:</p> <p>DATE REVISED:</p> <p>REVISION NO.:</p> <p>REF. NO.:</p> <p>CADD FILE: WDD077NPG05112013</p>	<p>1 OF 4</p>				

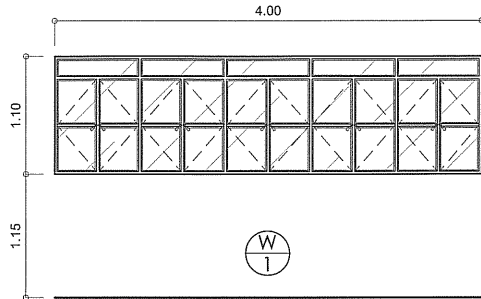
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1 FLOOR PLAN
A-2 SCALE 1:250 MTS

 CPDMO CAMPUS PLANNING DEVELOPMENT & MAINTENANCE OFFICE P. Faura Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 526-8420	CERTIFIED CORRECT: ARCH. ALLEN R. BUENAVENTURA CHIEF, CPDMO	PROJECT TITLE: <p style="text-align: center;"> PROPOSED SUPPLY AND INSTALLATION OF WINDOWS <small>FOURTH FLOOR, COLLEGE OF DENTISTRY UNIVERSITY OF THE PHILIPPINES - MANILA</small> </p>	RECOMMENDING APPROVAL: VICENTE O. MEDINA III, DDM, PH.D. <small>DEAN, COLLEGE OF DENTISTRY</small> CHARLOTTE M. CHIONG, M.D., PH.D. <small>VICE CHANCELLOR FOR PLANNING AND DEVELOPMENT</small>	APPROVED: JOSEITO C. JAWIR, MD <small>VICE CHANCELLOR FOR ADMINISTRATION</small>	SHEET CONTENT: <p style="text-align: center;">FLOOR PLAN</p>	DATE ISSUED: DATE REVISED: REVISION NO.: REF. NO.: CADD FILE:	SHEET NO.: <p style="text-align: center; font-size: 1.2em;">A-2</p>
	RA 9266: THIS DRAWING AS AN INSTRUMENT OF SERVICE IS THE PROPERTY OF CPDMO OF MANILA AND SUCH MUST NOT BE REPRODUCED OR COPIED IN OR IN WHOLE WITHOUT PERMISSION.	PREPARED BY: ARCH. LEONARD P. CORDERO <small>ADMINISTRATIVE OFFICER V</small> CADD BY: BON ROMASANTA					WDD77NPG05112013 2 OF 4

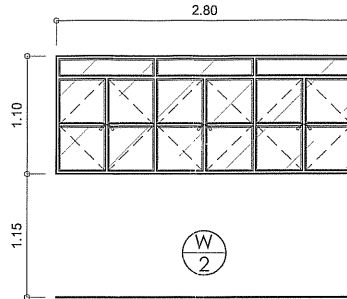
25 SEP 2013



DESCRIPTION: ALUMINUM POWDER COATED CASEMENT WINDOW WITH 6mm THICK TEMPERED CLEAR GLASS

LOCATION: ADMINISTRATION OFFICE

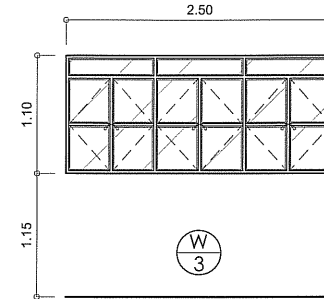
REQ'D. SET: 1 (ONE) SET



DESCRIPTION: ALUMINUM POWDER COATED CASEMENT WINDOW WITH 6mm THICK TEMPERED CLEAR GLASS

LOCATION: MULTI FUNCTION AREA.

REQ'D. SET: 1 (ONE) SET

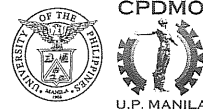
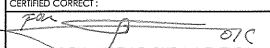
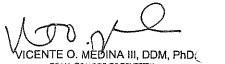
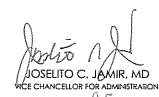
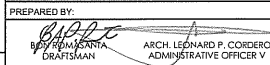


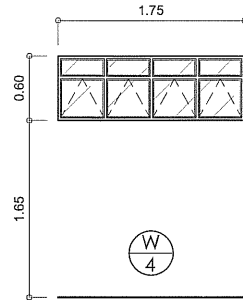
DESCRIPTION: ALUMINUM POWDER COATED CASEMENT WINDOW WITH 6mm THICK TEMPERED CLEAR GLASS

LOCATION: CLASSROOM & CONSULTATION ROOM.

REQ'D. SET: 2 (TWO) SETS

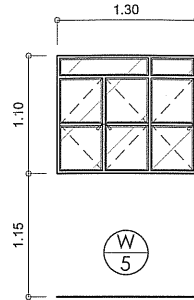
1 SCHEDULE OF WINDOWS
A-3 SCALE 1:50 MTS

 <p>CPDMO CAMPUS PLANNING DEVELOPMENT & MAINTENANCE OFFICE P. Faura Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 525-8420 U.P. MANILA</p>	<p>CERTIFIED CORRECT:</p>  <p>ARCH. ALLEN R. BUENAVENTURA CHIEF, CPDMO</p>	<p>PROJECT TITLE:</p> <p>PROPOSED SUPPLY AND INSTALLATION OF WINDOWS FOURTH FLOOR, COLLEGE OF DENTISTRY UNIVERSITY OF THE PHILIPPINES - MANILA</p>	<p>RECOMMENDING APPROVAL:</p>  <p>VICENTE O. MEDINA III, DDM, PH.D. DEAN, COLLEGE OF DENTISTRY</p>	<p>APPROVED:</p>  <p>JOSE LITO C. JAMIR, MD VICE CHANCELLOR FOR ADMINISTRATION 05 SEP 2013</p>	<p>SHEET CONTENT:</p> <p>SCHEDULE OF WINDOWS</p>	<p>DATE ISSUED:</p> <p>DATE REVISED:</p> <p>REVISION NO.:</p> <p>REF. NO.:</p> <p>CADD FILE: WDD077NPG05112013</p>	<p>SHEET NO.:</p> <p>A-3</p>
	<p>PREPARED BY:</p>  <p>ARCH. LEONARD P. CORDERO ADMINISTRATIVE OFFICER-V</p>	<p>CADD BY: BON ROMASANTA</p>	<p>RA 9266: THIS DRAWING AS AN INSTRUMENT OF SERVICE IS THE PROPERTY OF CPDMO UP MANILA AND SUCH MUST NOT BE REPRODUCED OR COPIED IN OR IN WHOLE WITHOUT PERMISSION.</p>	<p>3 OF 4</p>			



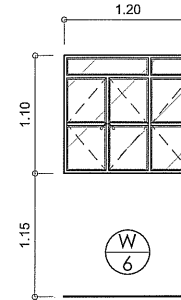
DESCRIPTION: ALUMINUM POWDER COATED CASEMENT WINDOW WITH 6mm THICK TEMPERED CLEAR GLASS

LOCATION: MULTI FUNCTION AREA
REQ'D. SET: 2 (TWO) SETS



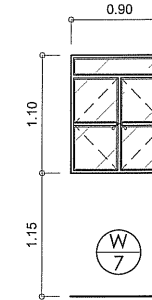
DESCRIPTION: ALUMINUM POWDER COATED CASEMENT WINDOW WITH 6mm THICK TEMPERED CLEAR GLASS

LOCATION: MULTI FUNCTION AREA,
CLASSROOM & LIBRARY ROOM.
REQ'D. SET: 3 (THREE) SETS



DESCRIPTION: ALUMINUM POWDER COATED CASEMENT WINDOW WITH 6mm THICK TEMPERED CLEAR GLASS

LOCATION: MULTI FUNCTION AREA.
REQ'D. SET: 1 (ONE) SET



DESCRIPTION: ALUMINUM POWDER COATED CASEMENT WINDOW WITH 6mm THICK TEMPERED CLEAR GLASS

LOCATION: MULTI FUNCTION AREA.
REQ'D. SET: 1 (ONE) SET

1 SCHEDULE OF WINDOWS
A-4 SCALE 1:50 MTS

<p>CPDMO CAMPUS PLANNING DEVELOPMENT & MAINTENANCE OFFICE P. Faura Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 526-8420 U.P. MANILA</p>	<p>CERTIFIED CORRECT:</p> ARCH. ALLEN R. BUENAVENTURA CHIEF, CPDMO	<p>PROJECT TITLE:</p> <p>PROPOSED SUPPLY AND INSTALLATION OF WINDOWS FOURTH FLOOR, COLLEGE OF DENTISTRY UNIVERSITY OF THE PHILIPPINES - MANILA</p>	<p>RECOMMENDING APPROVAL:</p> VICENTE O. MEDINA III, DDM, PH.D. DEAN, COLLEGE OF DENTISTRY	<p>APPROVED:</p> JOSE LITO C. JAMIR, MD VICE CHANCELLOR FOR ADMINISTRATION	<p>SHEET CONTENT:</p> <p>SCHEDULE OF WINDOWS</p>	<p>DATE ISSUED:</p> <p>DATE REVISED:</p> <p>REVISION NO.:</p> <p>REF. NO.:</p> <p>WDD77NPGD5112013</p>	<p>SHEET NO.:</p> <p>A-4</p>
	<p>PREPARED BY:</p> ARCH. LEONARD P. CORDERO ADMINISTRATIVE OFFICER-V DRAFTSMAN	<p>CADD BY: BON ROMASANTA</p>	<p>DATE: 05 SEP 2012</p>	<p>4 OF 4</p>			

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