

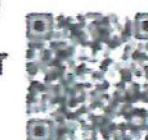
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
CENTRAL OFFICE

PROJECT TITLE:

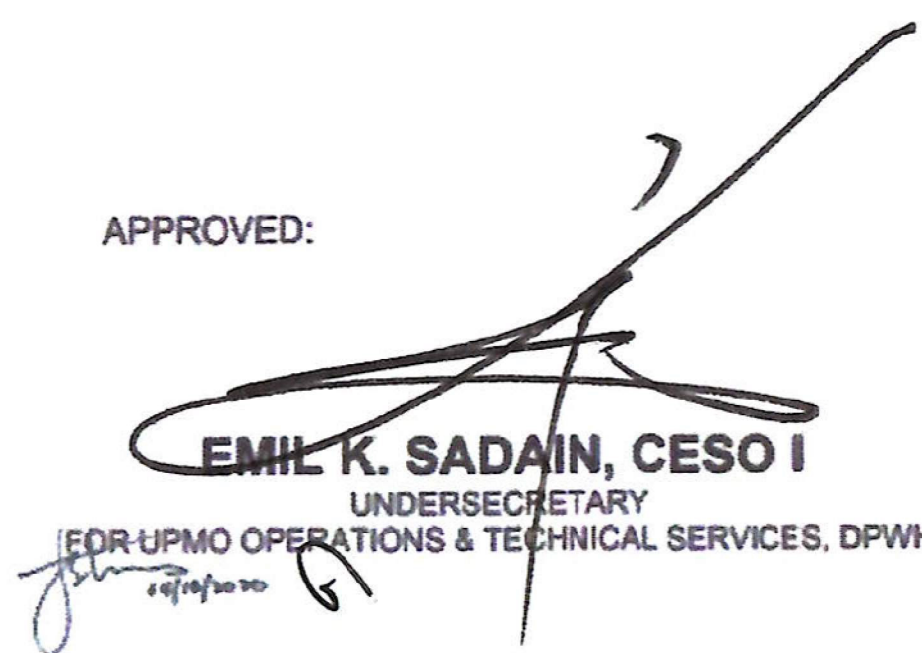
**PROPOSED PORTABLE
SWABBING BOOTH**

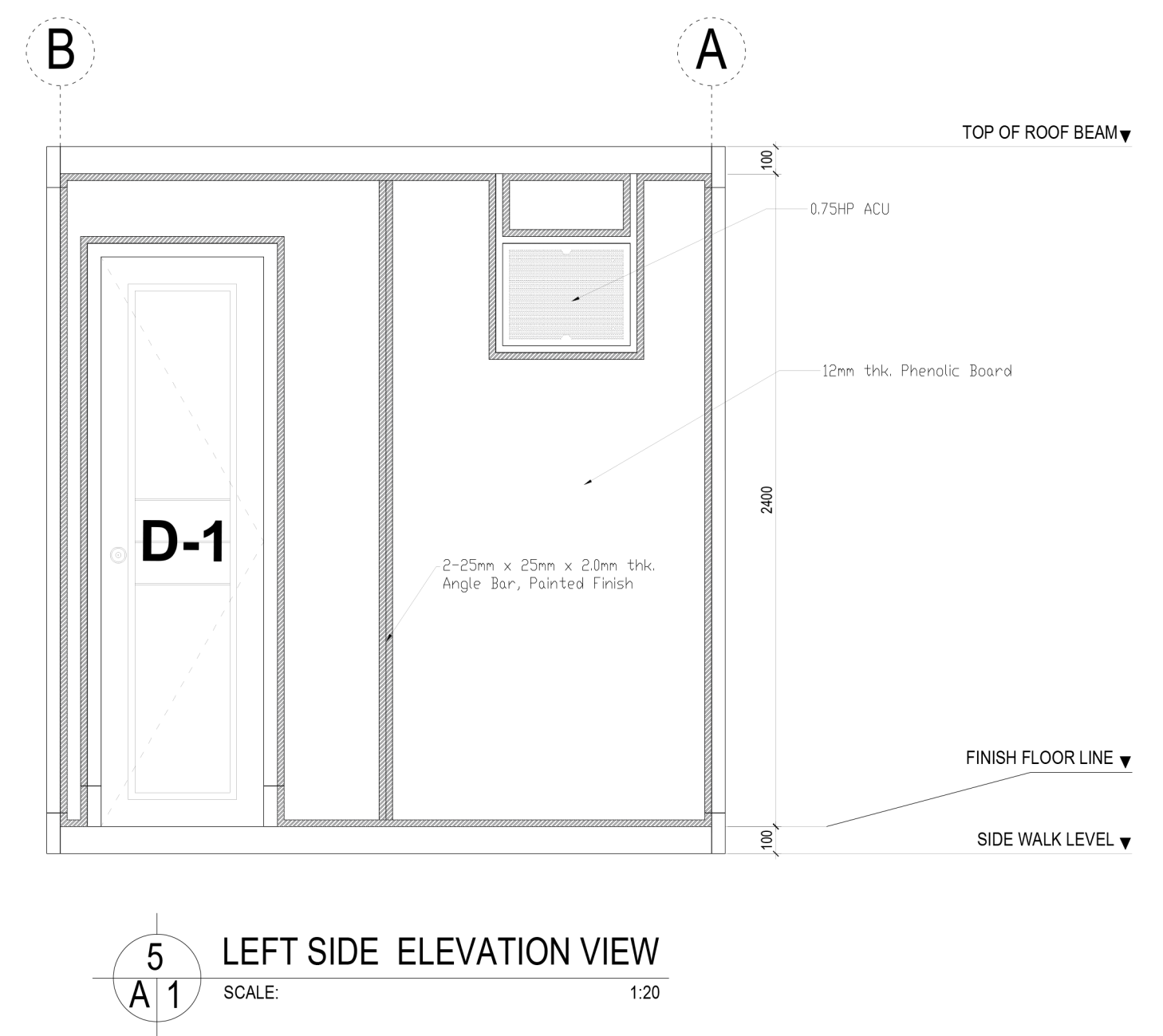
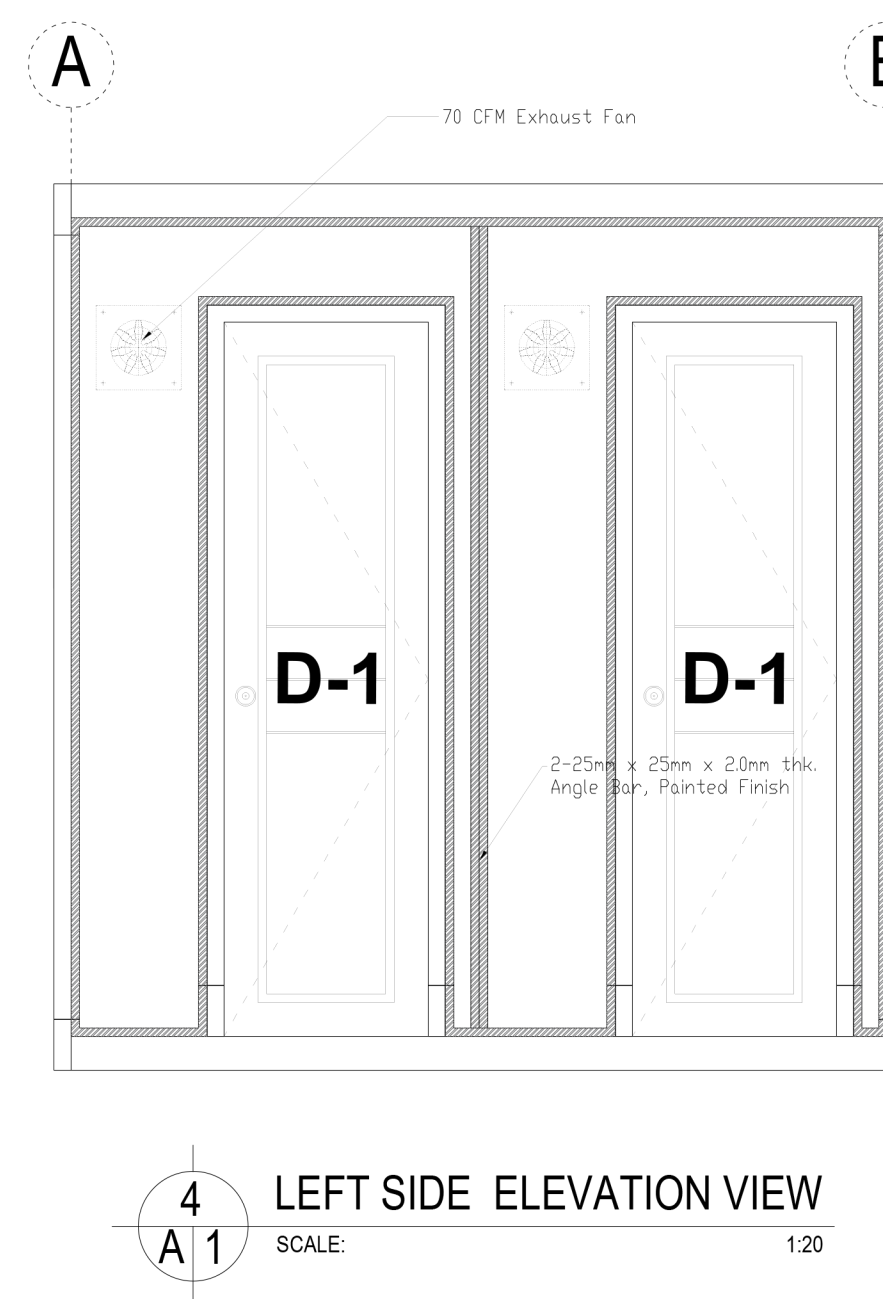
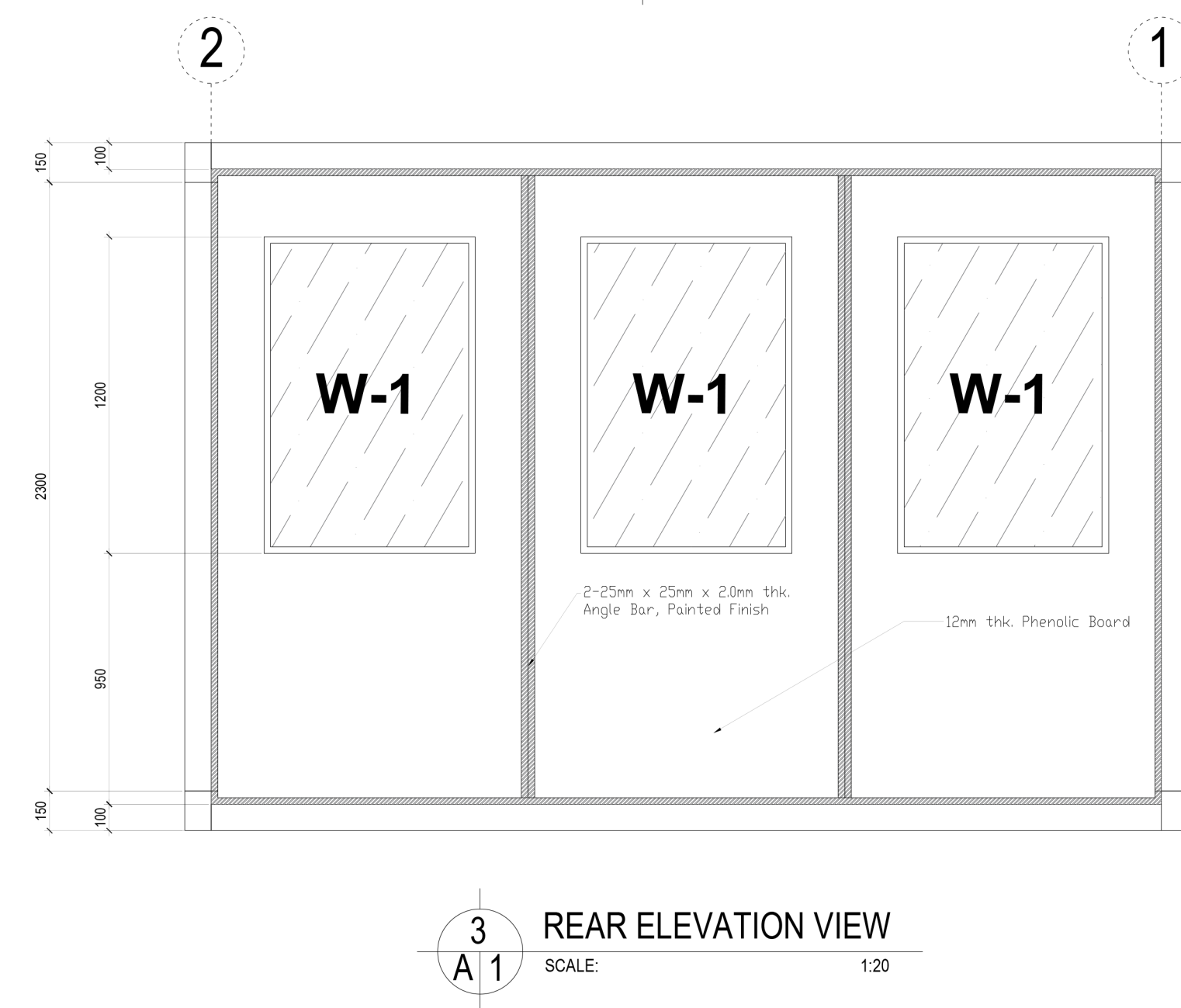
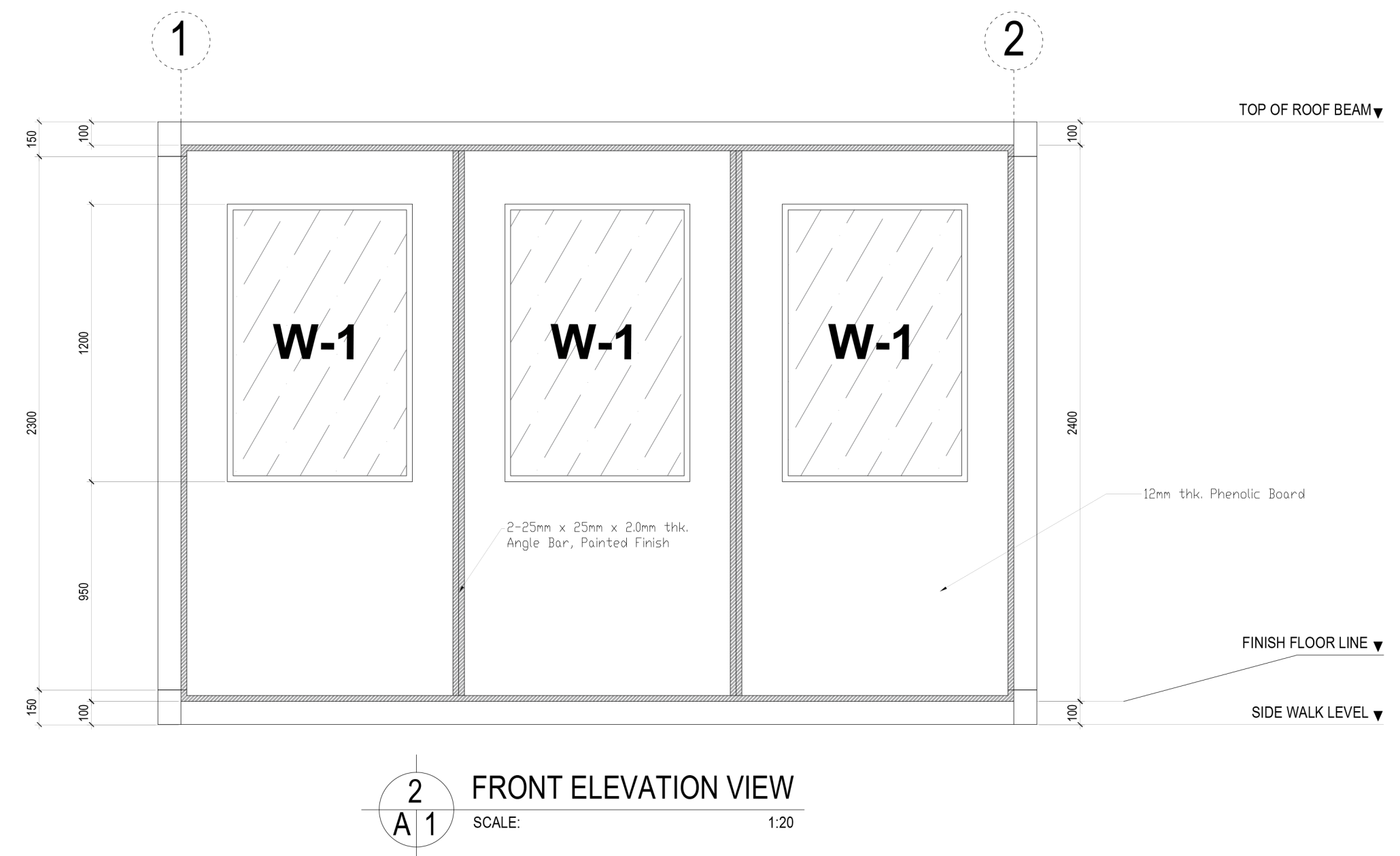
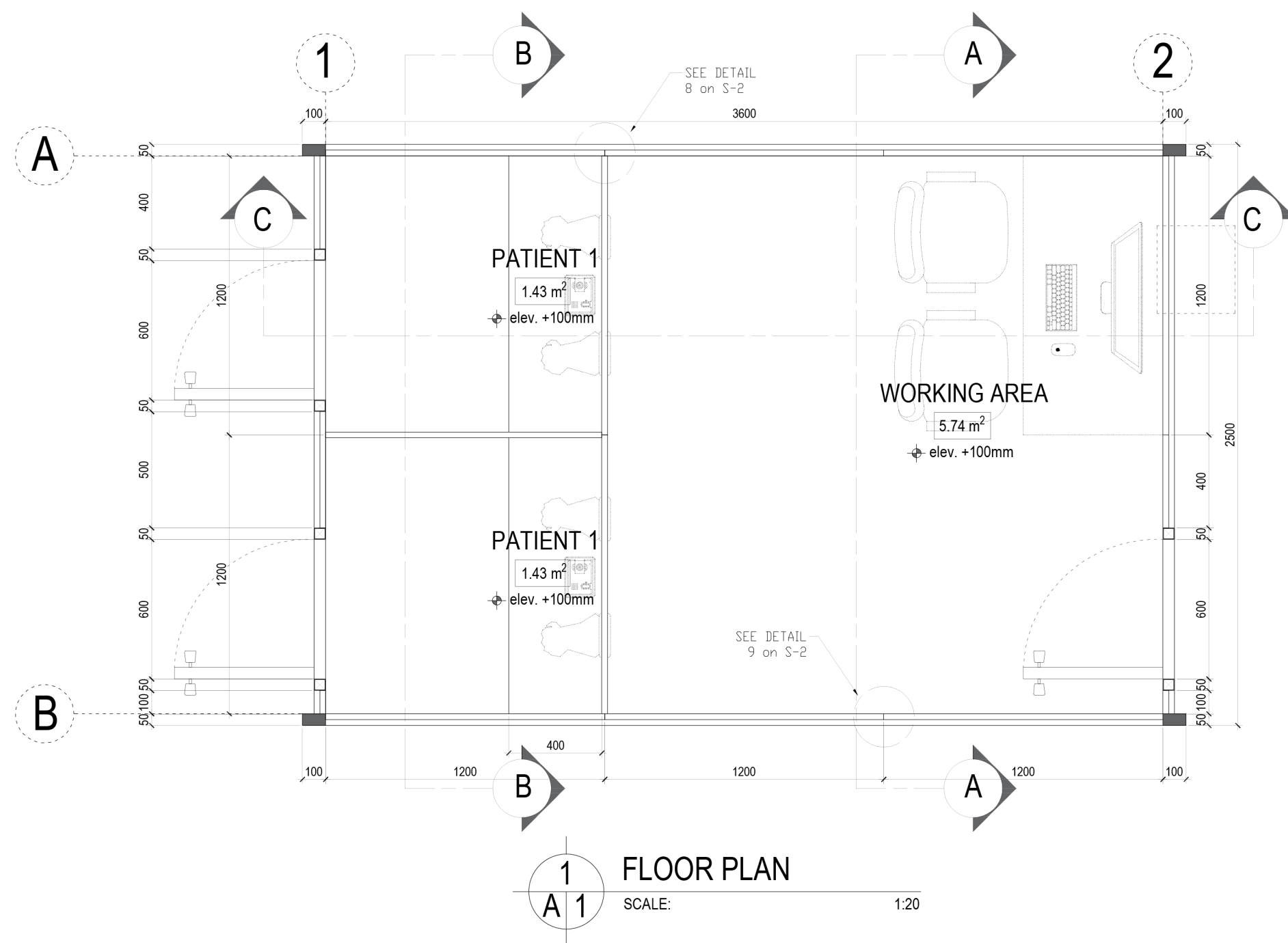
RECOMMENDING APPROVAL:



TORIBIO NOEL L. ILAO
DIRECTOR IV, BUREAU OF EQUIPMENT

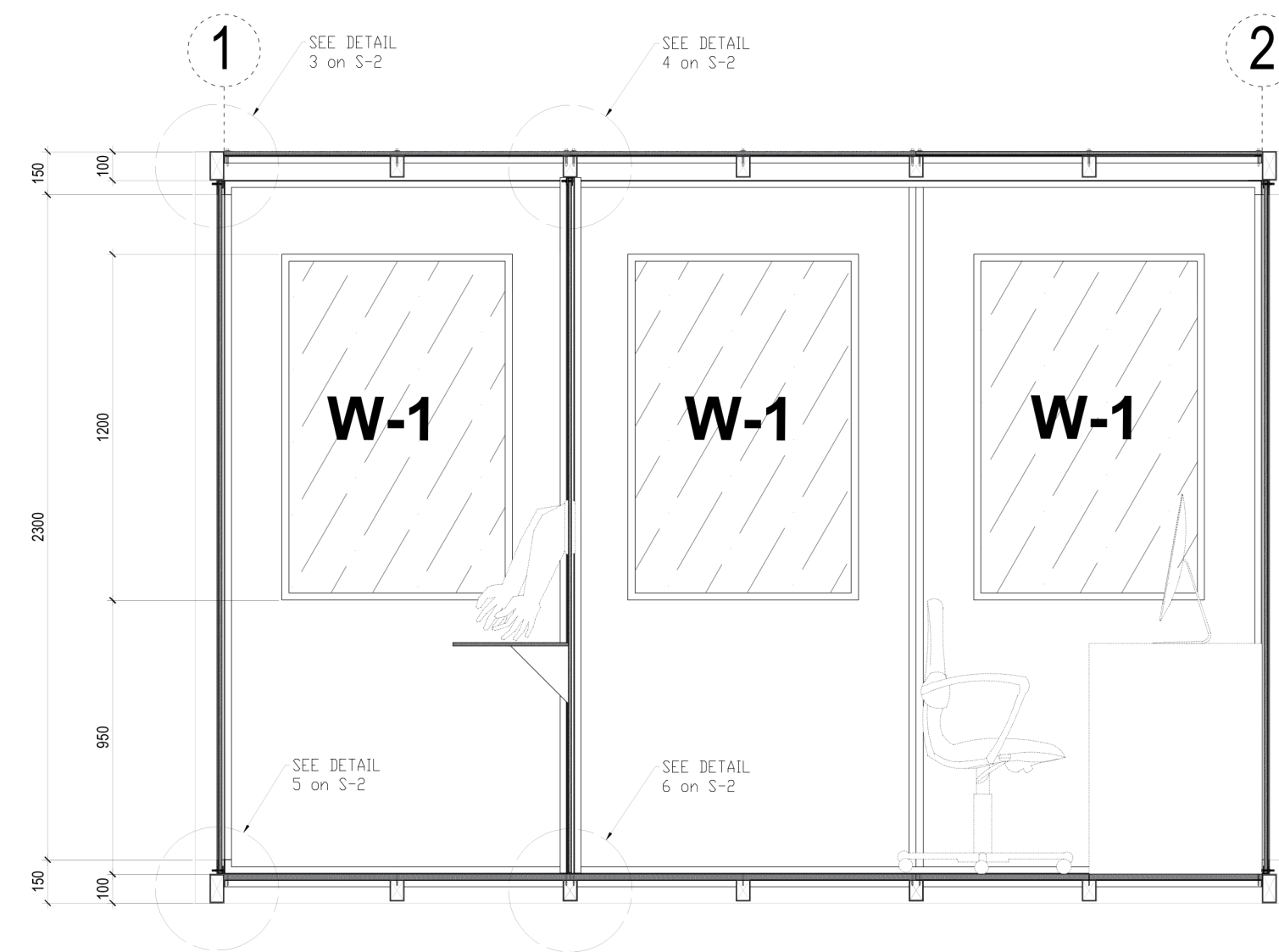


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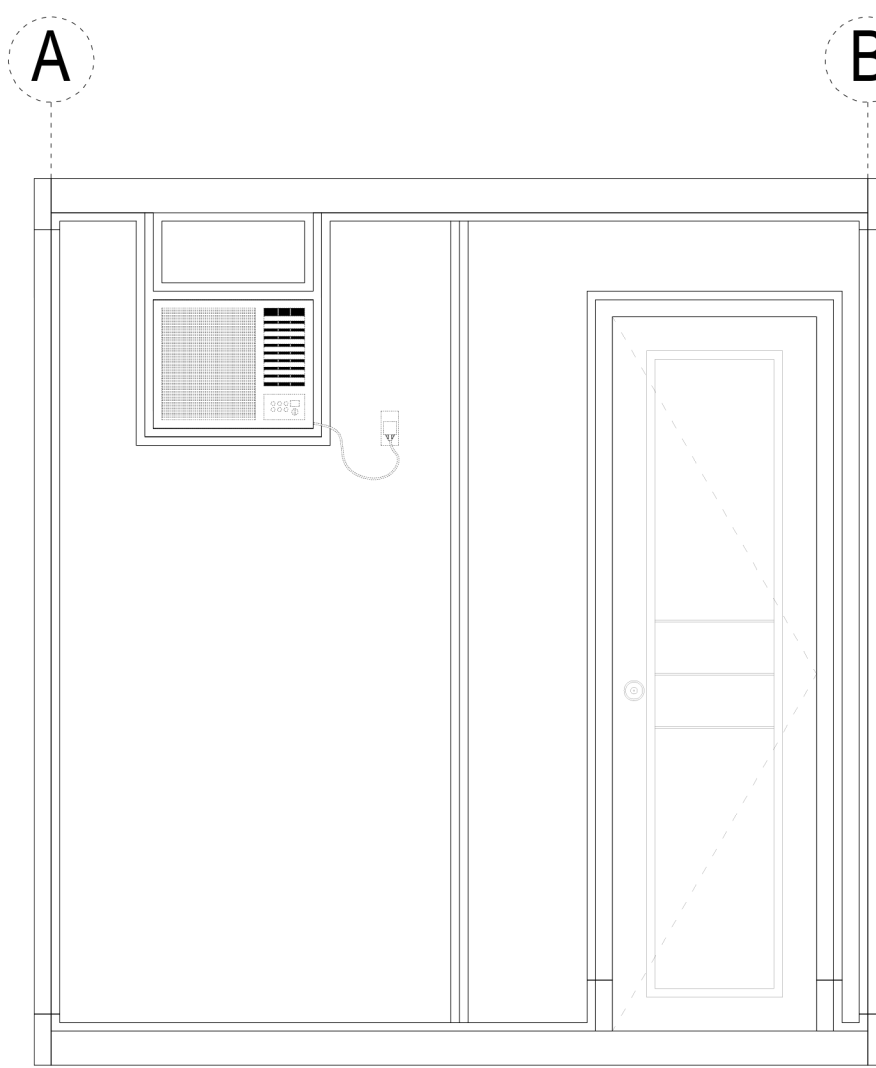

EMIL K. SADAIN, CESO I
UNDERSECRETARY
FOR UPMO OPERATIONS & TECHNICAL SERVICES, DPWH



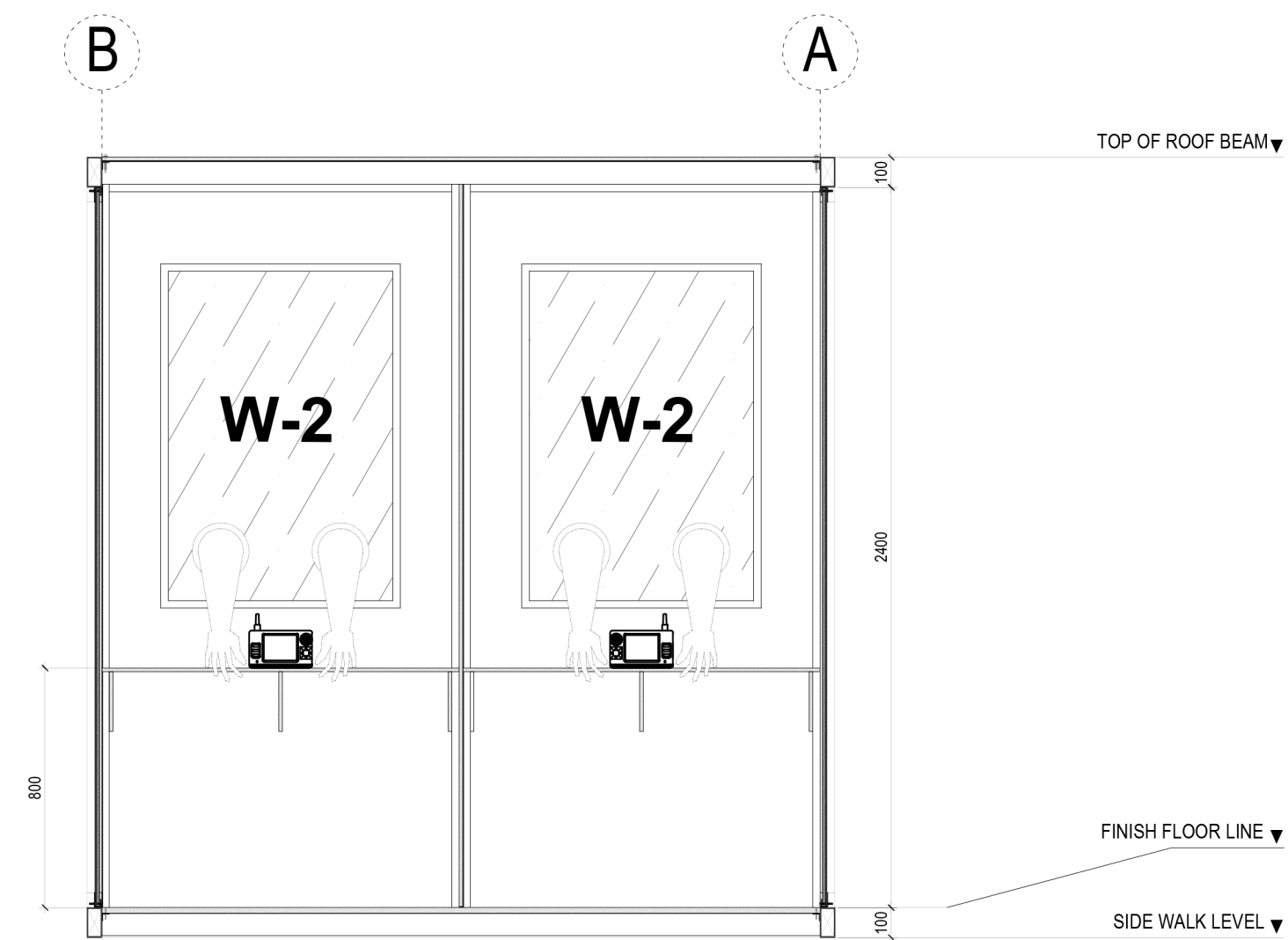
 <p>Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS CENTRAL OFFICE Manila</p>	<p>PREPARED BY:</p> <p>ENGR. SERGIO JAY M. BUGAYONG - Dredge Master II (CoS) ENGR. EDISON MARK CHUBBY D. DEL ROSARIO - Dredge Master II (CoS) ENGR. DON RAMON R. DELA MERCED - Dredge Master II (CoS) ENGR. BLESSIE MAGAN - Engineer II</p>	<p>PROJECT TITLE :</p> <p>PROPOSED PORTABLE SWABBING BOOTH</p> <p>LOCATION : 2ND ST., PORT AREA, MANILA</p>	<p>SHEET CONTENTS:</p> <p>FLOOR PLAN FRONT ELEVATION VIEW REAR ELEVATION VIEW LEFT SIDE ELEVATION VIEW RIGHT SIDE ELEVATION VIEW</p>	<p>NOTE:</p> <p>THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF MCCROR CONSTRUCTION AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT THEIR PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. PD49</p>	<p>DESIGNED BY: SJMB DRAWN BY: SJMB CHECKED BY: FLN SUBMITTED BY: VJW</p>	<p>RECOMMENDED BY:</p> <p>TORIBIO NOEL L. ILAO Director IV, Bureau of Equipment 2nd St., Port Area, Manila</p>	<p>APPROVED BY:</p> <p>EMIL K. SADAIN Undersecretary for UPMO Operations and Technical Services 2nd St., Port Area, Manila</p>	<p>SHEET NO.</p> <p>A</p> <p>01 02</p> <p>JOB-NO:</p>
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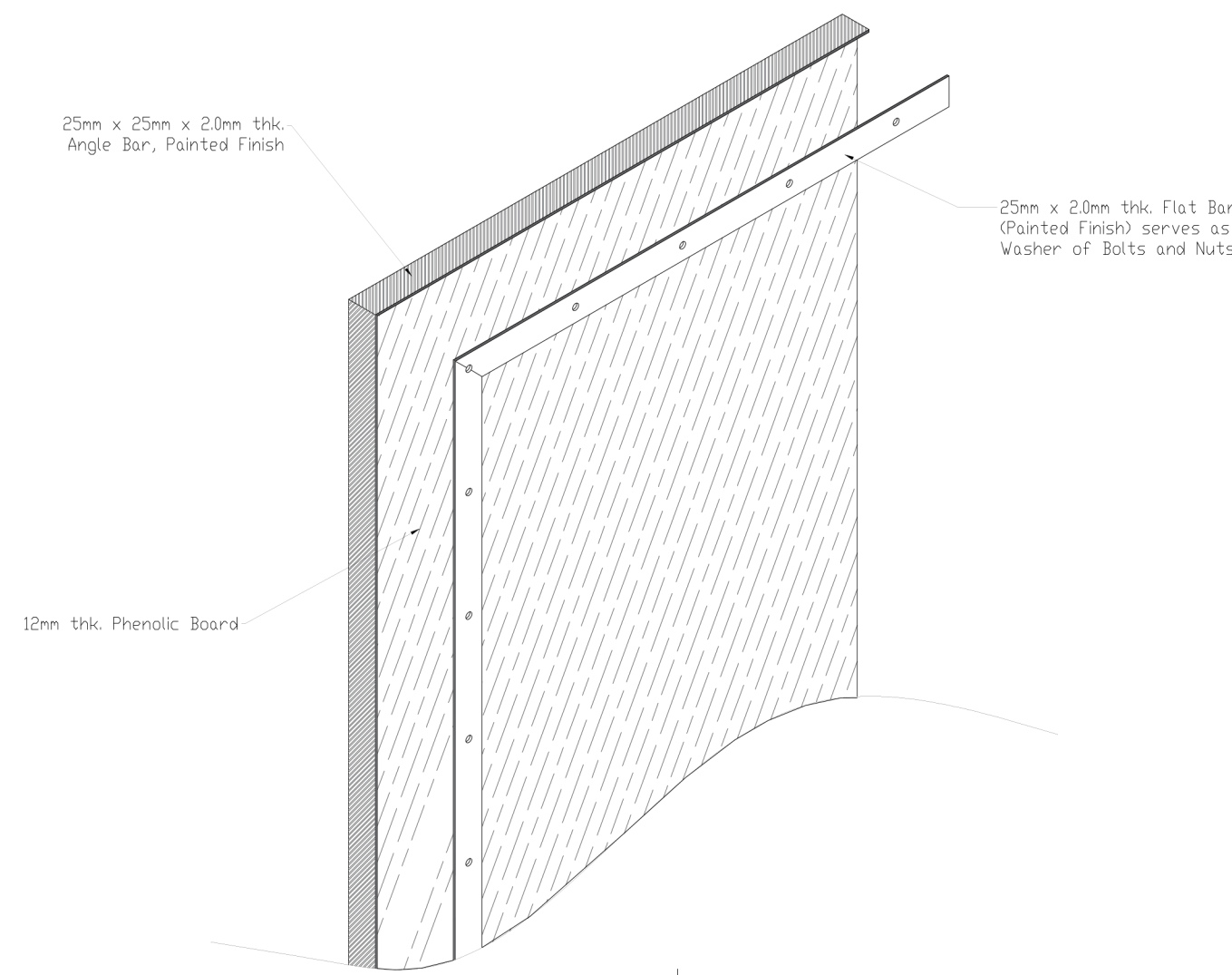
1 LONGITUDINAL SECTION VIEW C-C
SCALE: 1:20



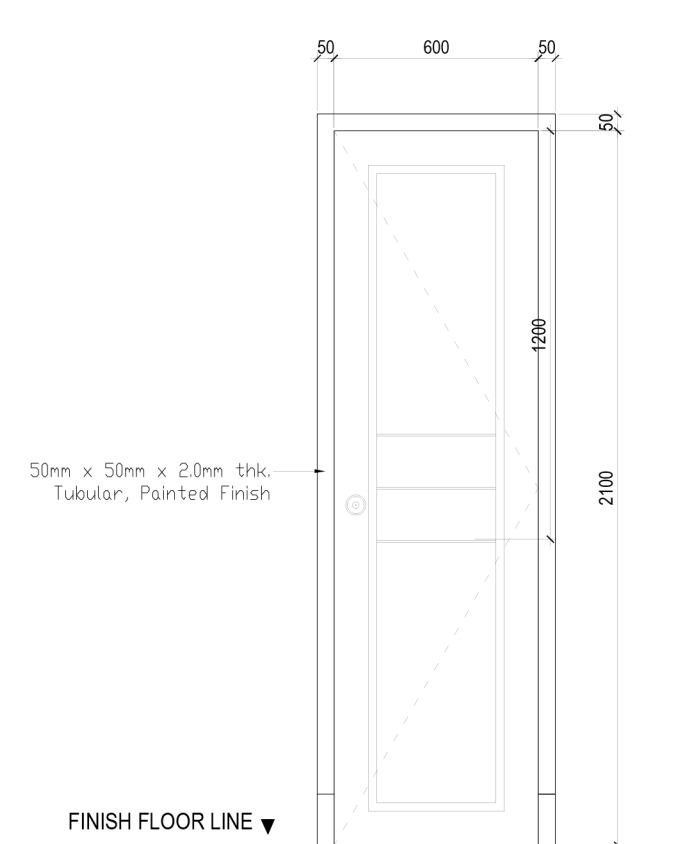
2 CROSS SECTION VIEW A-A
SCALE: 1:20



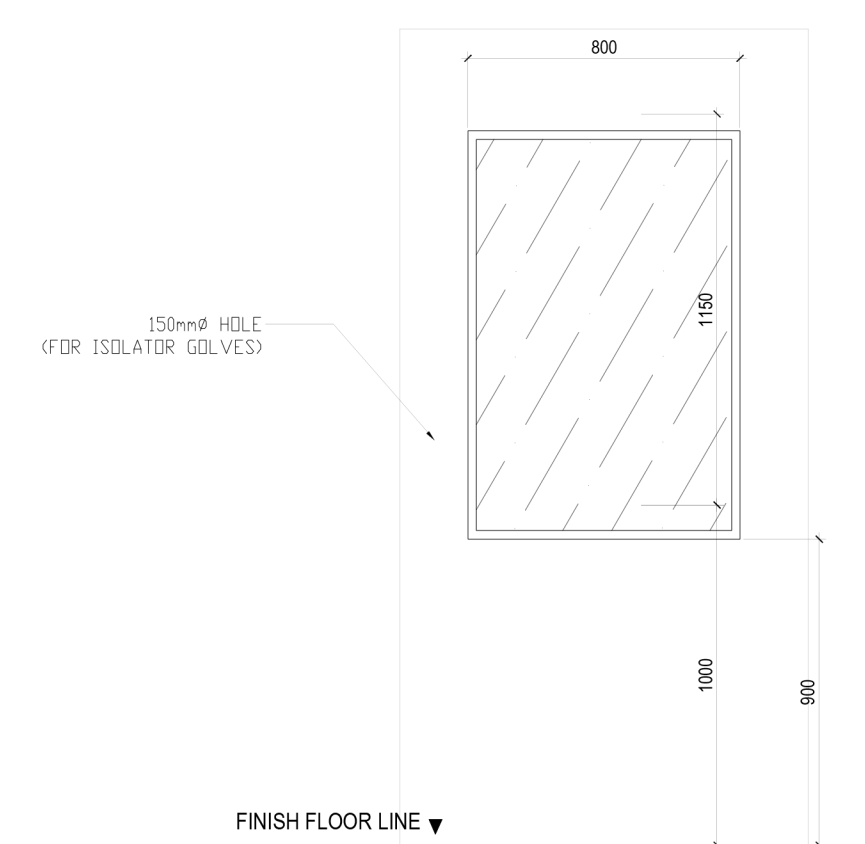
3 CROSS SECTION VIEW B-B
SCALE: 1:20



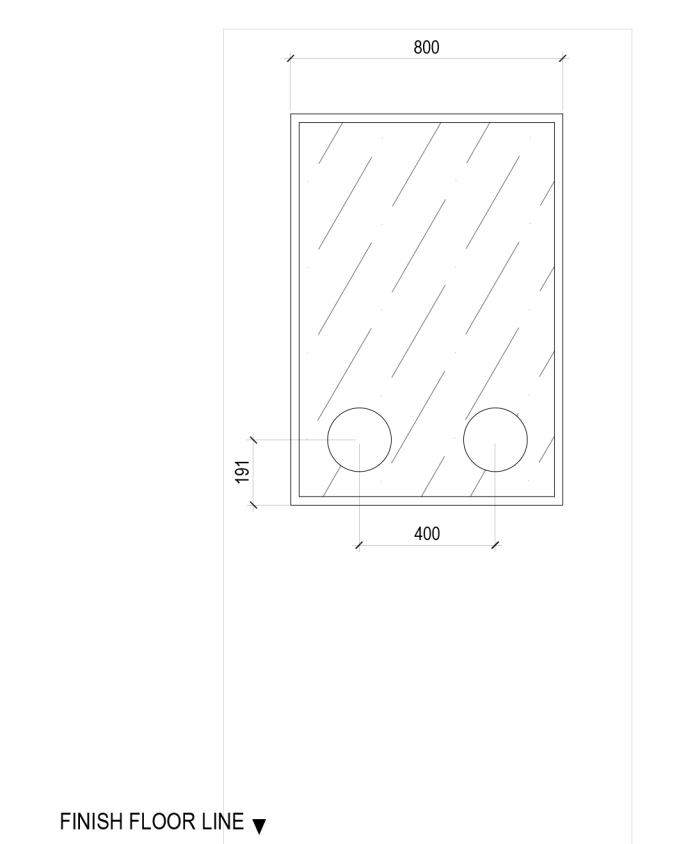
4 TYPICAL WALL DETAIL
SCALE: NTS



D-1
3 SETS
50 MM THK PVC FLUSH DOOR
IN PAINT FINISH OR APPROVED EQUIVALENT
W/ COMPLETE HARDWARE & ACCESSORIES
DOOR ACTION: SINGLE SWING
HANDLE: HEAVY DUTY STAINLESS STEEL
DOOR KNOB
LOCATION: PATIEN 1, PATIENT 2, & WORKING AREA


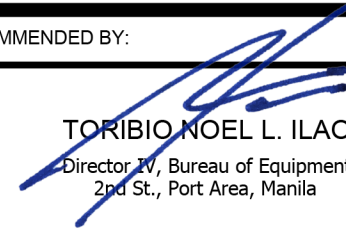
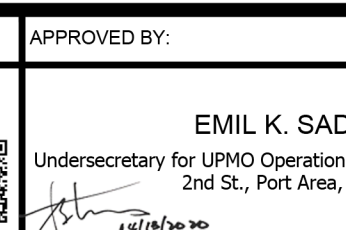


W-1
6 SETS
6 MM THK ANNEALED FIXED GLASS ON
ALUMINUM FRAMING MILL FINISH
LOCATION: PATIEN 1, PATIENT 2, & WORKING AREA



W-2
2 SETS
6 MM THK ANNEALED FIXED GLASS ON
ALUMINUM FRAMING MILL FINISH
LOCATION: PATIEN 1 & PATIENT 2

5 SCHEDULE OF DOORS & WINDOWS
SCALE: 1:20

 Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS CENTRAL OFFICE Manila	PREPARED BY:	PROJECT TITLE :	SHEET CONTENTS:	NOTE:	DESIGNED BY: SJB	RECOMMENDED BY:	APPROVED BY:	SHEET NO.	
	ENGR. SERGIO JAY M. BUGAYONG - Dredge Master II (CoS)	PROPOSED PORTABLE SWABBING BOOTH LOCATION : 2ND ST., PORT AREA, MANILA	LONGITUDINAL SECTION VIEW C-C CROSS SECTION VIEW A-A CROSS SECTION VIEW B-B TYPICAL WALL DETAIL SCHEDULE OF DOORS & WINDOWS	THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF MCBOR CONSTRUCTION AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT THEIR PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. PD49	DRAWN BY: SJB	 TORIBIO NOEL L. ILAO Director IV, Bureau of Equipment 2nd St., Port Area, Manila	 EMIL K. SADAIN Undersecretary for UPMO Operations and Technical Services 2nd St., Port Area, Manila	A	
	ENGR. EDISON MARK CHUBBY D. DEL ROSARIO - Dredge Master II (CoS)				CHECKED BY: FLN			02	02
	ENGR. DON RAMON R. DELA MERCED - Dredge Master II (CoS)				SUBMITTED BY: VJJ			JOB-NO:	
	ENGR. BLESSIE MAGAN - Engineer II								

ELECTRICAL NOTES:

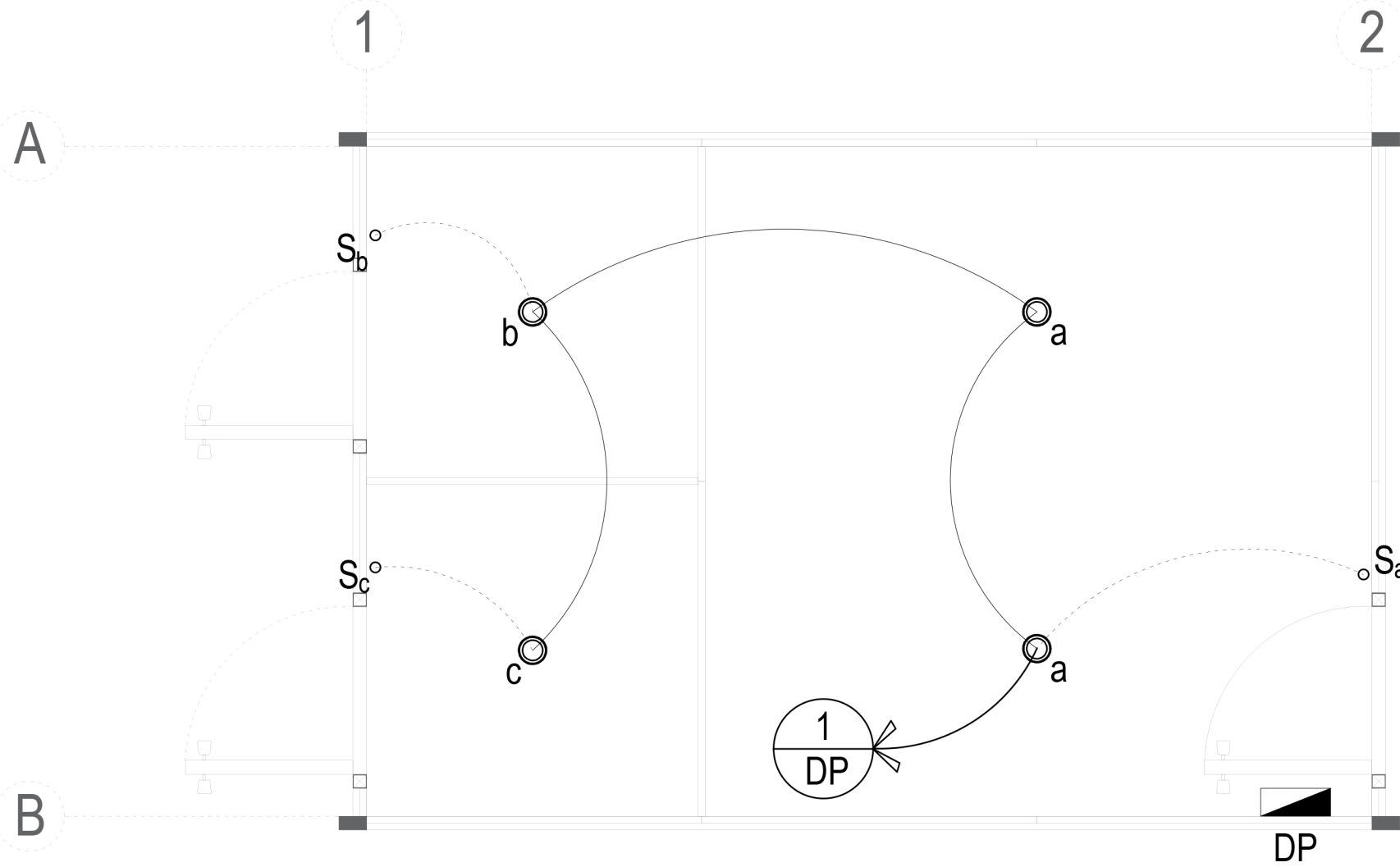
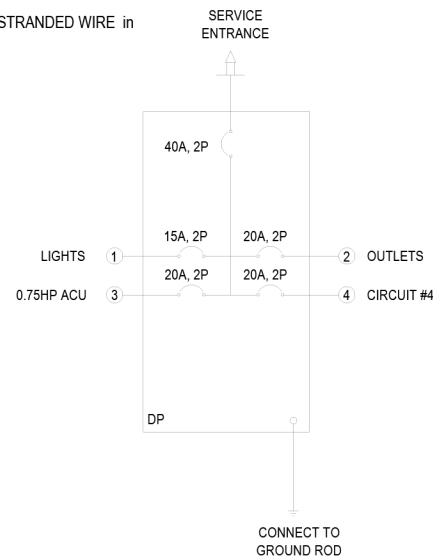
- ALL ELECTRICAL WORKS SHALL BE IN ACCORDANCE WITH THE APPLICABLE PROVISION OF LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE REQUIREMENTS OF THE LOCAL AUTHORITIES ENFORCING THE CODE AND REQUIREMENTS OF THE COMPANY CONCERNED.
- ALL WIRES SHALL BE COPPER TYPE (THHN) IN PVC PIPE OR UNLESS OTHERWISE SPECIFIED.
- ALL JUNCTION, UTILITY, SQUARE AND PULL BOX SHALL BE PVC.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND OF THE APPROVED TYPE APPROPRIATE WITH LOCATION AND INTENDED TO BE USED.
- POWER SUPPLY SHALL BE 220 VOLTS, SINGLE PHASE, 60 HERTZ, TWO WIRE SYSTEM.
- MINIMUM SIZE OF CONDUCTOR SHALL BE 2.0mm² THHN IN 15mmØ TRADE SIZE.
- MOUNTING HEIGHT FROM FINISH FLOOR LINE TO THE CENTER LINE OF DEVICES SHALL BE AS FOLLOWS:

CONVENIENCE OUTLET ----- 0.30 MTS.
LIGHT SWITCH ----- 1.30 MTS.
PANEL BOARD ----- 1.80 MTS.
CONVENIENCE OUTLET (ACU) ----- 0.80 MTS.

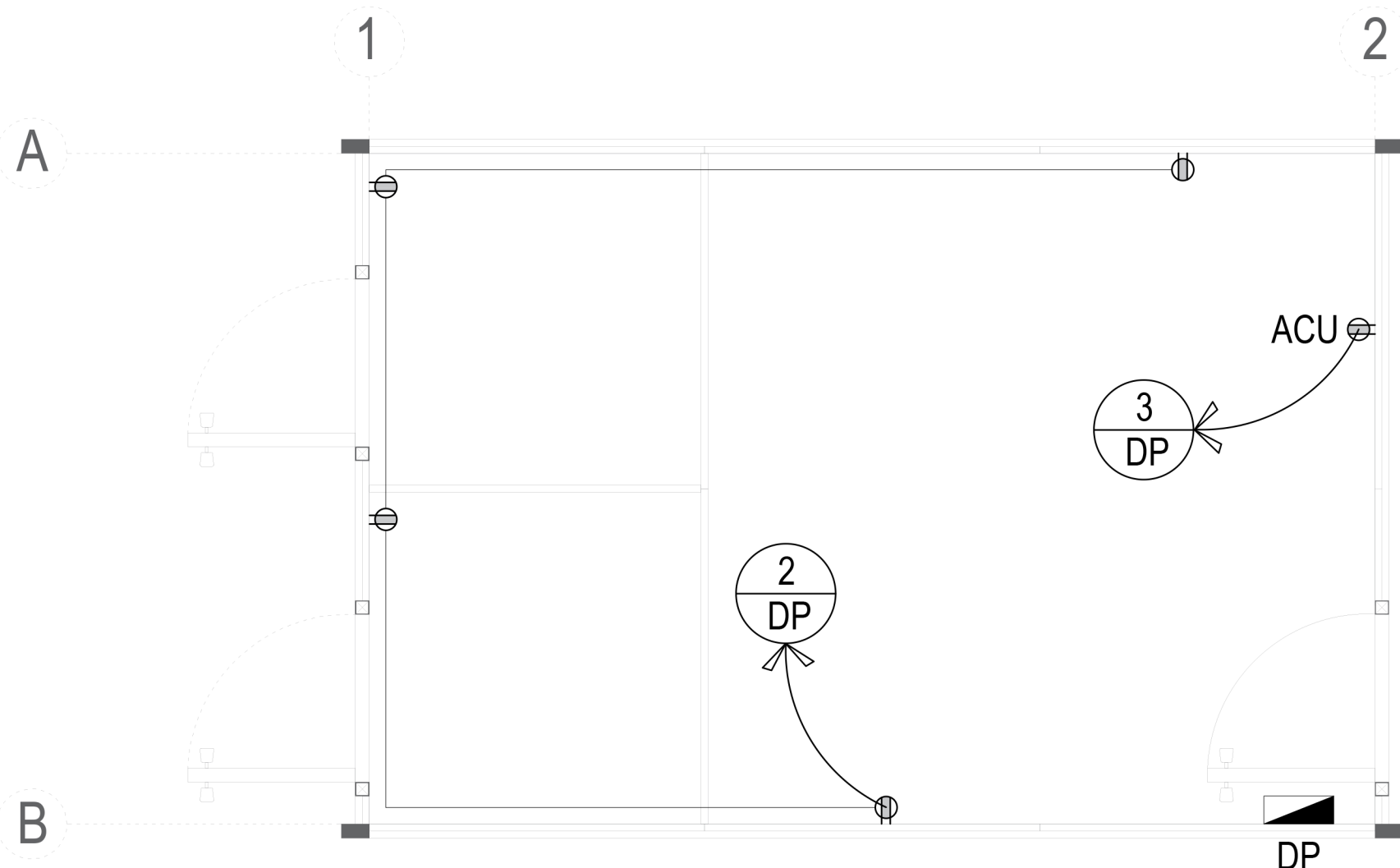
PANEL: DP		MAIN: 40AT, 2P, 220V						SIZES OF WIRES & CONDUITS
CKT. NO.	LOAD DESCRIPTION	VOLTS	RATING	AMPERE	C.B. RATING			
		V	VA	AMP	AT	AF	POLE	
1	4 - LIGHTING OUTLET	220	400	1.82	15	60	2P	2 - 3.5mm ² THHN STRANDED WIRE and 1 - 3.5mm ² THHN GROUND WIRE / 15mmØ
2	3 - POWER OUTLET	220	540	2.45	20	60	2P	
3	0.75 HP ACU UNIT	220	1168	5.31	20	60	2P	
4	CIRCUIT #4	220	1000	4.55	20	60	2P	
5								
6								
7								
8								
TOTAL				14.13 AMPS				

$I_{FL} = 14.13 @ 80\% D.F. = 11.34 + 25\%(5.31) = 12.63 \text{ AMPS}$
SIZE OF SUB-FEEDER:
USE: 2 - 5.5mm² THHN & 1 - 5.5mm² (G) THHN STRANDED WIRE in 20mm Ø PVC PIPE
MAIN : 40AT, 2P, 220V

ELECTRICAL SYMBOLS	
	PINLIGHT 10 WATTS, 4 Ø"
	DUPLEX OUTLET
	AIRCON OUTLET
	PANEL BOARD
	S _a SINGLE POLE SWITCH

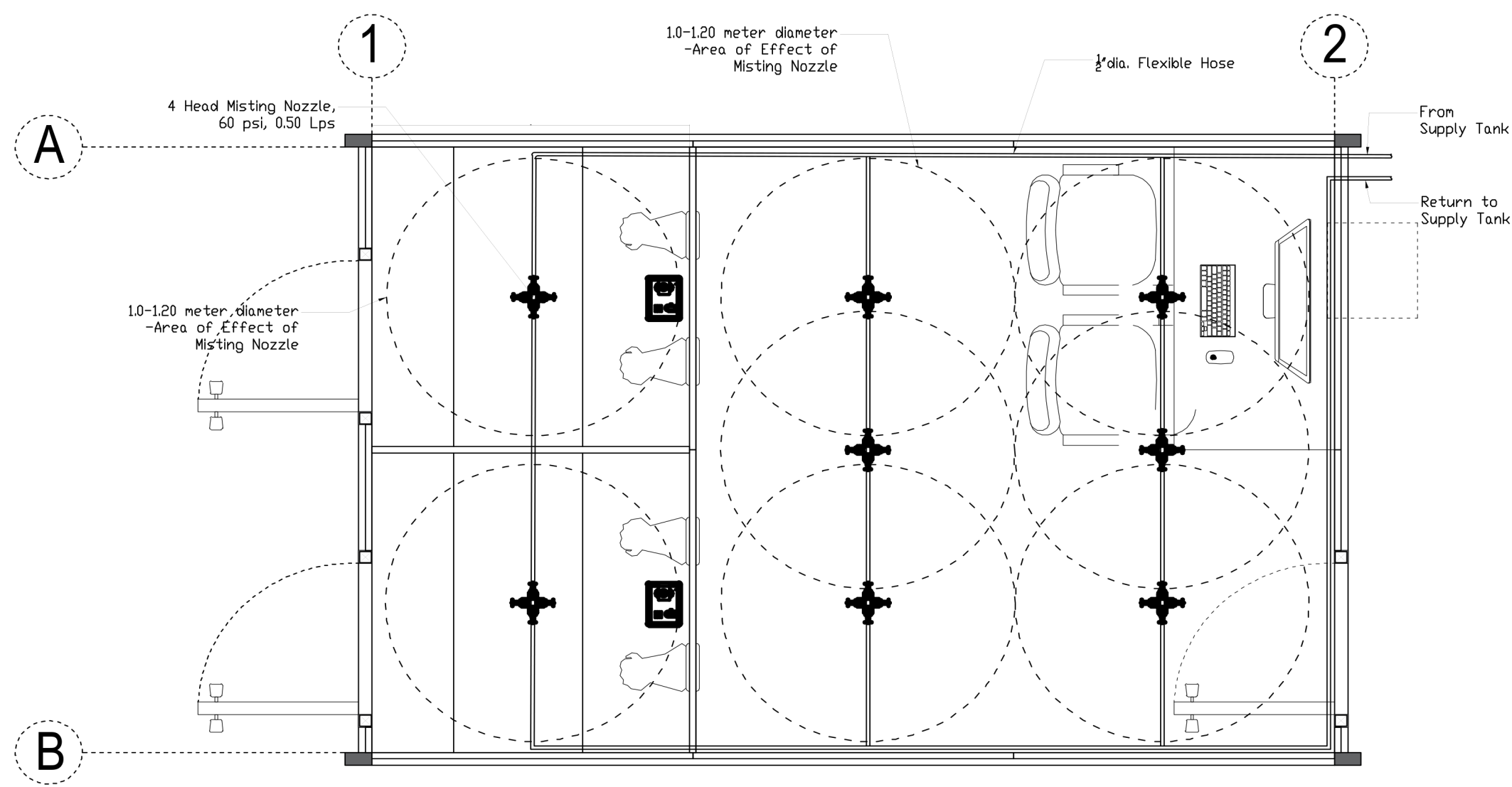


1
E 1
LIGHTING LINE LAYOUT
SCALE: 1:20

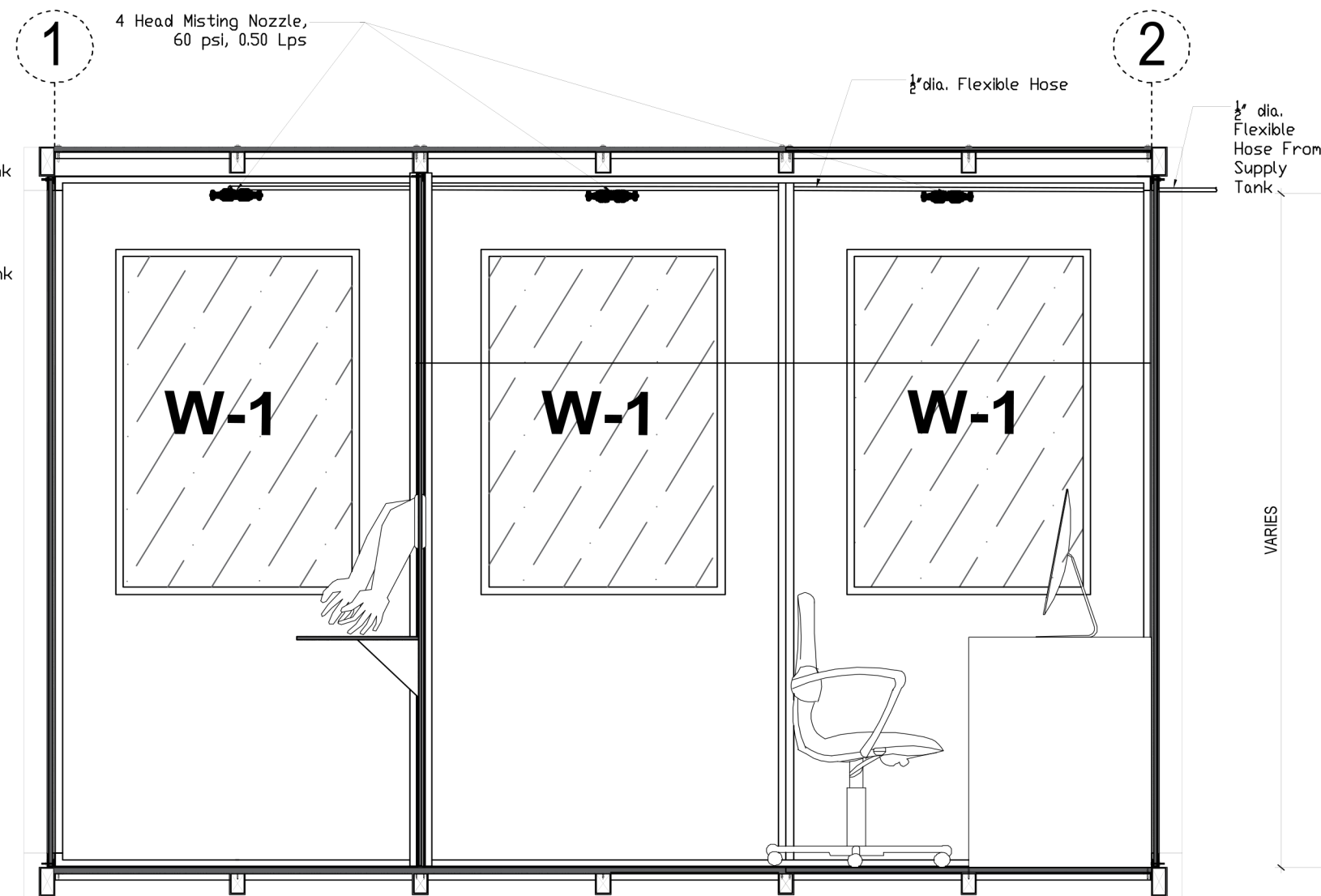


1
E 1
POWER LINE LAYOUT
SCALE: 1:20

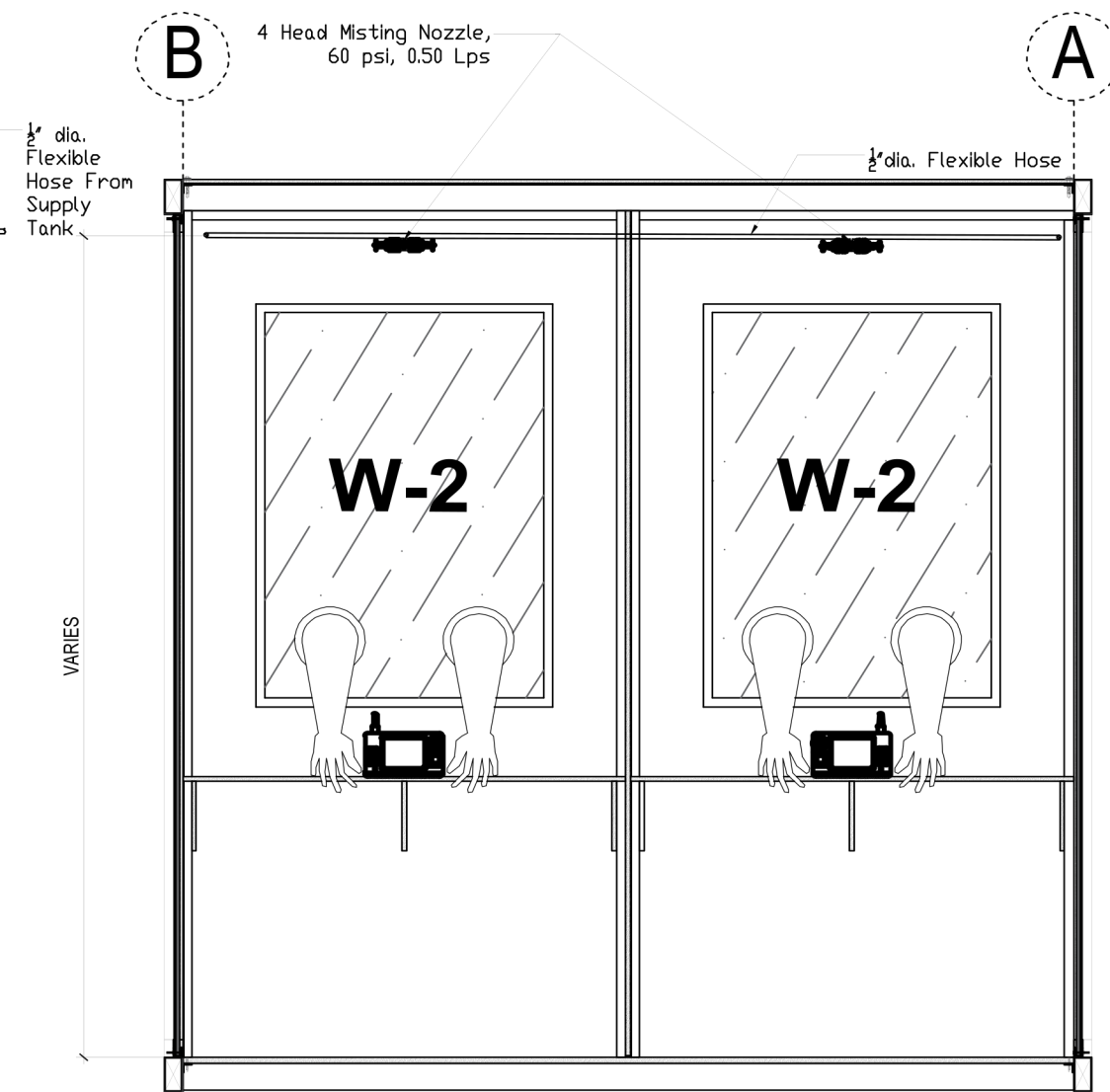
	PREPARED BY:		PROJECT TITLE :		SHEET CONTENTS:	NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF MCCORR CONSTRUCTION AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT THEIR PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. PD49	DESIGNED BY: SJMB DRAWN BY: SJMB CHECKED BY: FLN SUBMITTED BY: VJJ	RECOMMENDED BY: TORIBIO NOEL L. ILAO Director IV, Bureau of Equipment 2nd St., Port Area, Manila	APPROVED BY: EMIL K. SADAIN, CESO I Undersecretary for UPMO Operations and Technical Services 2nd St., Port Area, Manila	SHEET NO.						
	 Professional Electrical Engineer	PRC No. :	PROPOSED PORTABLE SWABBING BOOTH							E						
		PTR No. :														
		TIN No. :														
ISSUED : PLACE :		LOCATION : 2ND ST., PORT AREA, MANILA		JOB-NO:		01 01										



1
DISINFECTANT PLAN
SCALE: 1:20

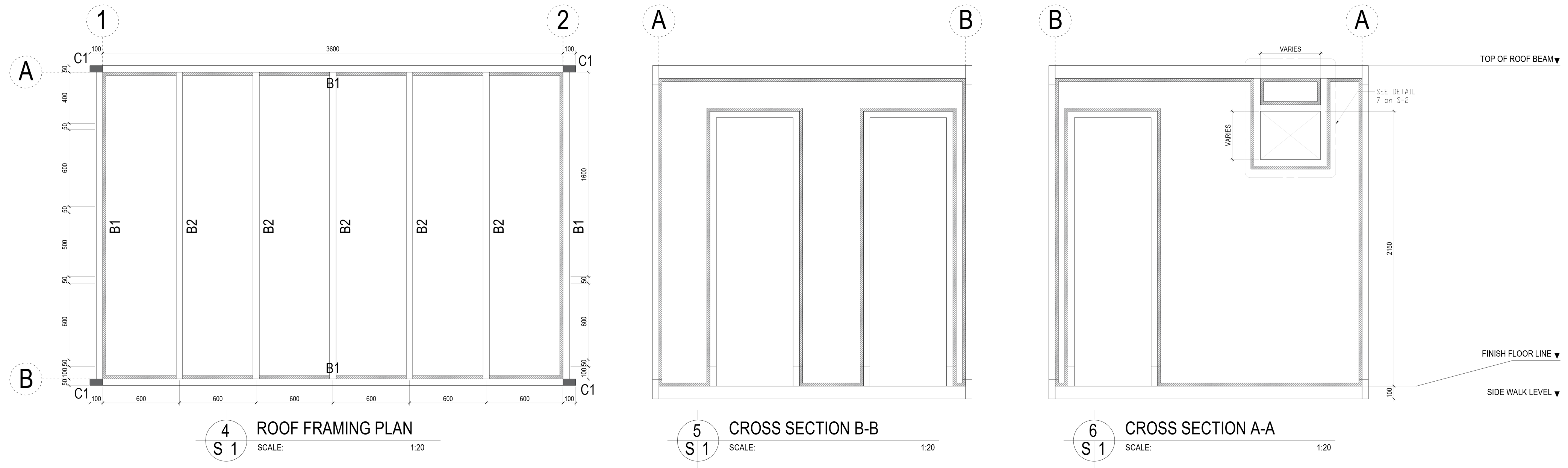
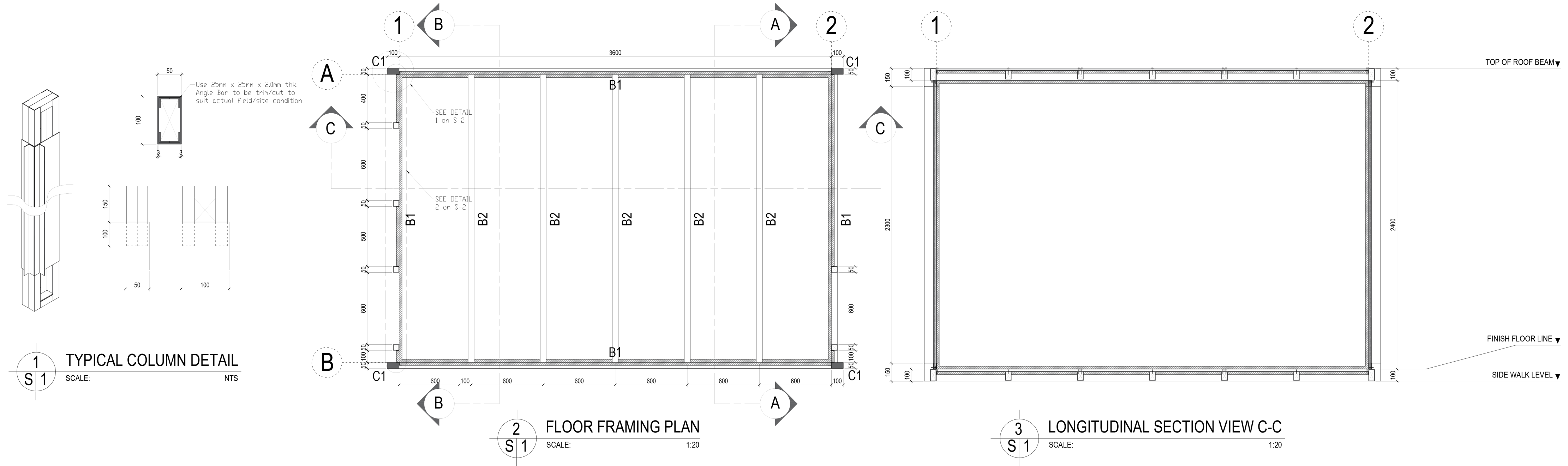


2
LONGITUDINAL SECTION VIEW
SCALE: 1:20



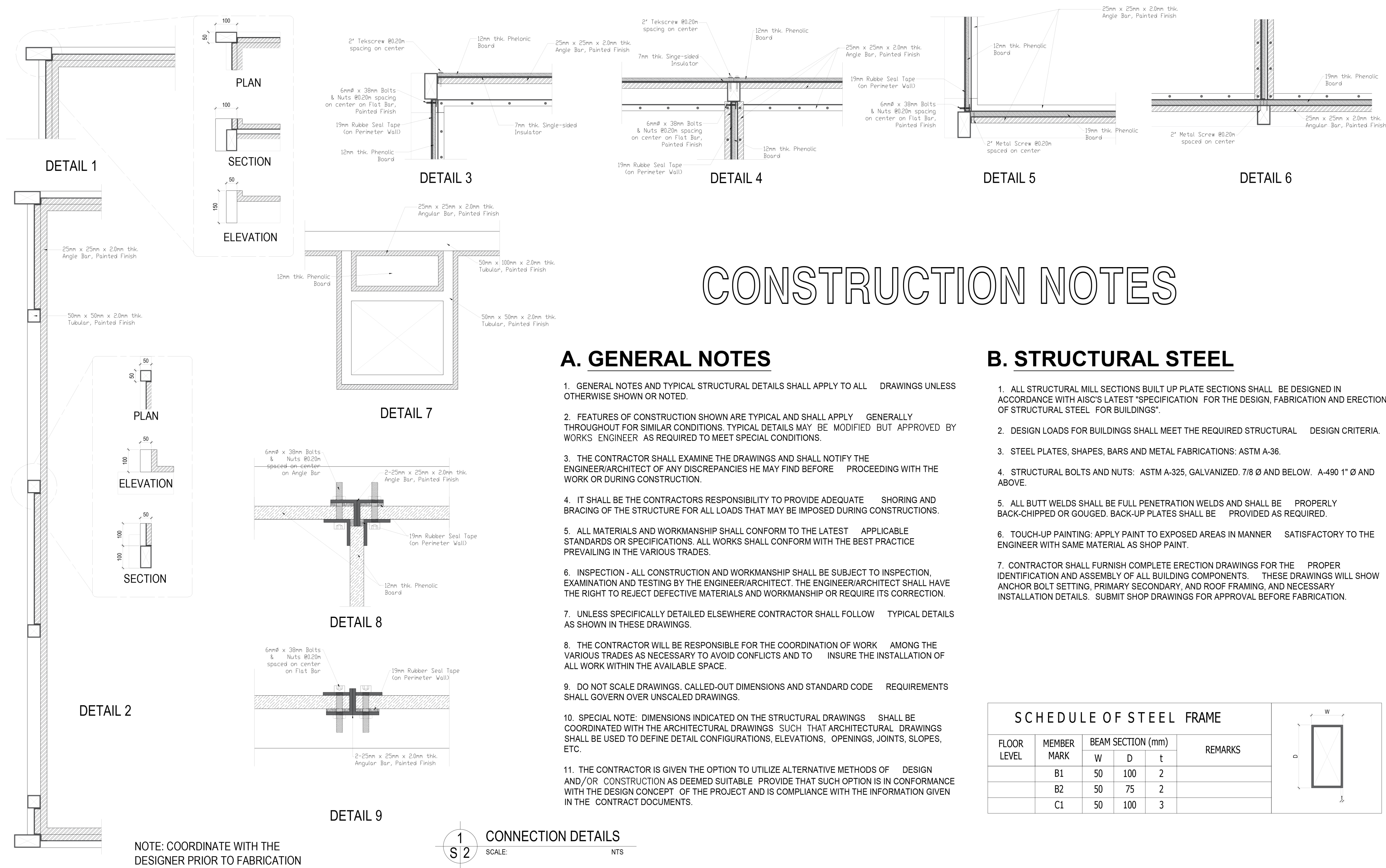
3
CROSS SECTION VIEW
SCALE: 1:20

	PREPARED BY: ENGR. SERGIO JAY M. BUGAYONG - Dredge Master II (CoS) ENGR. EDISON MARK CHUBBY D. DEL ROSARIO - Dredge Master II (CoS) ENGR. DON RAMON R. DELA MERCED - Dredge Master II (CoS) ENGR. BLESS C. MAGAN - Engineer II	PROJECT TITLE : PROPOSED PORTABLE SWABBING BOOTH LOCATION : 2ND ST., PORT AREA, MANILA	SHEET CONTENTS: DISINFECTANT PLAN LONGITUDINAL SECTION VIEW CROSS SECTION VIEW	NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF MOOR CONSTRUCTION AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT THEIR PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. PD49	DESIGNED BY: SJMB	RECOMMENDED BY: TORIBIO NOEL L. ILAO Director IV, Bureau of Equipment 2nd St., Port Area, Manila	APPROVED BY: EMIL K. SADAIN, CESO I Undersecretary for UPMO Operations and Technical Services 2nd St., Port Area, Manila	SHEET NO. M 01 01 JOB-NO:
					DRAWN BY: SJMB			
					CHECKED BY: FLN			
					SUBMITTED BY: VJJ			



NOTE: COORDINATE WITH THE
DESIGNER PRIOR TO FABRICATION

<p>Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS CENTRAL OFFICE Manila</p>	<p>PREPARED BY: ENGR. SERGIO JAY M. BUGAYONG - Dredge Master II (CoS) ENGR. EDISON MARK CHUBBY D. DEL ROSARIO - Dredge Master II (CoS) ENGR. DON RAMON R. DELA MERCED - Dredge Master II (CoS) ENGR. BLESS C. MAGAN - Engineer II</p>	<p>PROJECT TITLE : PROPOSED PORTABLE SWABBING BOOTH LOCATION : 2ND ST., PORT AREA, MANILA</p>	<p>SHEET CONTENTS: TYPICAL COLUMN DETAIL FLOOR FRAMING PLAN LONGITUDINAL SECTION C-C ROOF FRAMING PLAN CROSS SECTION B-B CROSS SECTION A-A</p>	<p>NOTE: THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF MORRIS CONSTRUCTION AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT THEIR PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. PD49</p>	<p>DESIGNED BY: SJB DRAWN BY: SJB CHECKED BY: FLN SUBMITTED BY: VJJ</p>	<p>RECOMMENDED BY: TORIBIO NOEL L. ILAO Director IV, Bureau of Equipment 2nd St., Port Area, Manila</p>	<p>APPROVED BY: EMIL K. SADAIN, CESO I Undersecretary for UPMO Operations and Technical Services 2nd St., Port Area, Manila</p>	<p>SHEET NO. S 01 02 JOB-NO:</p>
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CONSTRUCTION NOTES

A. GENERAL NOTES

- GENERAL NOTES AND TYPICAL STRUCTURAL DETAILS SHALL APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED.
- FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND SHALL APPLY GENERALLY THROUGHOUT FOR SIMILAR CONDITIONS. TYPICAL DETAILS MAY BE MODIFIED BUT APPROVED BY WORKS ENGINEER AS REQUIRED TO MEET SPECIAL CONDITIONS.
- THE CONTRACTOR SHALL EXAMINE THE DRAWINGS AND SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK OR DURING CONSTRUCTION.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE ADEQUATE SHORING AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTIONS.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST APPLICABLE STANDARDS OR SPECIFICATIONS. ALL WORKS SHALL CONFORM WITH THE BEST PRACTICE PREVAILING IN THE VARIOUS TRADES.
- INSPECTION - ALL CONSTRUCTION AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION, EXAMINATION AND TESTING BY THE ENGINEER/ARCHITECT. THE ENGINEER/ARCHITECT SHALL HAVE THE RIGHT TO REJECT DEFECTIVE MATERIALS AND WORKMANSHIP OR REQUIRE ITS CORRECTION.
- UNLESS SPECIFICALLY DETAILED ELSEWHERE CONTRACTOR SHALL FOLLOW TYPICAL DETAILS AS SHOWN IN THESE DRAWINGS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COORDINATION OF WORK AMONG THE VARIOUS TRADES AS NECESSARY TO AVOID CONFLICTS AND TO INSURE THE INSTALLATION OF ALL WORK WITHIN THE AVAILABLE SPACE.
- DO NOT SCALE DRAWINGS. CALLED-OUT DIMENSIONS AND STANDARD CODE REQUIREMENTS SHALL GOVERN OVER UNSCALED DRAWINGS.
- SPECIAL NOTE: DIMENSIONS INDICATED ON THE STRUCTURAL DRAWINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS SUCH THAT ARCHITECTURAL DRAWINGS SHALL BE USED TO DEFINE DETAIL CONFIGURATIONS, ELEVATIONS, OPENINGS, JOINTS, SLOPES, ETC.
- THE CONTRACTOR IS GIVEN THE OPTION TO UTILIZE ALTERNATIVE METHODS OF DESIGN AND/OR CONSTRUCTION AS DEEMED SUITABLE PROVIDE THAT SUCH OPTION IS IN CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND IS COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS.

B. STRUCTURAL STEEL

- ALL STRUCTURAL MILL SECTIONS BUILT UP PLATE SECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH AISC'S LATEST "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- DESIGN LOADS FOR BUILDINGS SHALL MEET THE REQUIRED STRUCTURAL DESIGN CRITERIA.
- STEEL PLATES, SHAPES, BARS AND METAL FABRICATIONS: ASTM A-36.
- STRUCTURAL BOLTS AND NUTS: ASTM A-325, GALVANIZED. 7/8 Ø AND BELOW. A-490 1" Ø AND ABOVE.
- ALL BUTT WELDS SHALL BE FULL PENETRATION WELDS AND SHALL BE PROPERLY BACK-CHIPPED OR GOUGED. BACK-UP PLATES SHALL BE PROVIDED AS REQUIRED.
- TOUCH-UP PAINTING: APPLY PAINT TO EXPOSED AREAS IN MANNER SATISFACTORY TO THE ENGINEER WITH SAME MATERIAL AS SHOP PAINT.
- CONTRACTOR SHALL FURNISH COMPLETE ERECTION DRAWINGS FOR THE PROPER IDENTIFICATION AND ASSEMBLY OF ALL BUILDING COMPONENTS. THESE DRAWINGS WILL SHOW ANCHOR BOLT SETTING, PRIMARY SECONDARY, AND ROOF FRAMING, AND NECESSARY INSTALLATION DETAILS. SUBMIT SHOP DRAWINGS FOR APPROVAL BEFORE FABRICATION.

<div><div>Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS CENTRAL OFFICE Manila</div></div>	PREPARED BY:		PROJECT TITLE :		SHEET CONTENTS:		NOTE:		DESIGNED BY: SJMB		RECOMMENDED BY:		APPROVED BY:		SHEET NO.		
	ENGR. SERGIO JAY M. BUGAYONG - Dredge Master II (CoS)		PROPOSED PORTABLE SWABBING BOOTH		CONNECTION DETAILS CONSTRUCTION NOTES SCHEDULE OF STEEL FRAME		THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS THE PROPERTY OF MCCROR CONSTRUCTION AND AS SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT THEIR PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. PD49		DRAWN BY: SJMB		TORIBIO NOEL L. ILAO Director IV, Bureau of Equipment 2nd St., Port Area, Manila		EMIL K. SADAIN, CESO I Undersecretary for UPMO Operations and Technical Services 2nd St., Port Area, Manila		S		
	ENGR. EDISON MARK CHUBBY D. DEL ROSARIO - Dredge Master II (CoS)														02		02
	ENGR. DON RAMON R. DELA MERCED - Dredge Master II (CoS)		LOCATION : 2ND ST., PORT AREA, MANILA						CHECKED BY: FLN								
ENGR. BLESS C. MAGAN - Engineer II										SUBMITTED BY: VJJ						JOB-NO:	