



HIGHER EDUCATION SCIENCE AND TECHNOLOGY

Internship Logbook



Student Name: MUGANZI JACINTA

Month: ONE

Target	Achievements	Challenges	Lessons Learnt
<p>To produce a detailed design drawings of the plans as presented in the month one project scheme.</p>	<ul style="list-style-type: none"> I managed to create a detailed design drawing of the plan for the structure as guided by my supervisor using arch cad. I created dimensions for the developed plan in relation to the standards of the company. I also placed gridlines through the columns and beams. 	<ul style="list-style-type: none"> The project required a lot of detailing given its size and quantity of various elements. I encountered a problem of using the wrong scale which required me to repeat most of the work so as to fit it to the right scale. It also required me to be well conversant with the arch cad software which I wasn't so familiar with. I also faced a problem of being slow especially with the software given the size of the project and the need to present it in the respective time. 	<ul style="list-style-type: none"> I managed to learn how to use the right scale this time round with the guide of my supervisor. I still explored more on the various tools in the arch cad software and learnt how to use it better. I have learnt new shortcuts and methods on how to be faster using the software. I have also learnt how to improve on the quality of my details epically on the plan.
<p>To create indicate the different types of floor and wall finishes on the plan.</p>	<ul style="list-style-type: none"> I indicated the floor and wall finishes on the floor plans as guided by my supervisor. 	<ul style="list-style-type: none"> I faced a problem of lack of neatness due to the many words describing the floor and wall finishes in each and every room of the structure. I was also challenged by the speed due to the number of rooms I had to give description for on the structure. 	<ul style="list-style-type: none"> I learnt how to work on a number of elements at the same time thus enabling me to accomplish the given task in time. I learnt how to produce neat descriptions for the floor and wall finishes by creating a finishes schedule for them.

<p>To create detailed borough ups of wet areas.</p>	<ul style="list-style-type: none"> • I produced detailed drawings for the wet areas. • These were created to clearly show the details and specifications of the wet areas that is to say the toilets and bathrooms. 	<ul style="list-style-type: none"> • The elements having a lot of similar features were somehow confusing which caused me to at first create similar drawings yet they were different. • I was also challenged by the line weights of the elements of these areas. 	<ul style="list-style-type: none"> • I learnt how to be keen when observing the features on the structure so as to produce drawings that are required by the designer and workable on ground. • I also learnt how to use some new software tools to create similar elements in different parts of the structure without changing the original design of the structure.
<p>To draw the staircase detail as well as the gutter and roof and worktops.</p>	<ul style="list-style-type: none"> • I managed to create the staircase detail as instructed by my supervisor. • I created this feature as to show some of the internal features and specifications of the stairs. 	<ul style="list-style-type: none"> • I faced a challenge in using the software to create the staircase detail as it missed out a lot of the necessary details as needed by my supervisor. • I also faced a challenge in creating a staircase that is workable according to the functionality of the structure. • Later I realized that even though this staircase detail is complicated, it is one of the most important features as it brings out clearly the functionality of the structure from one floor to the next. 	<ul style="list-style-type: none"> • I learnt that the staircase despite being complicated is also a very important feature even when using this software especially for storied structures. • I learnt that how to properly detail a stair and to bring out its workability as designed. • I learnt how to properly indicate the specifications and also how they are applied on ground.
<p>To create a detailed window schedule for the entire structure.</p>	<ul style="list-style-type: none"> • I was able to create a window schedule for the entire building clearly showing all the necessary details of all the windows on the structure. 	<ul style="list-style-type: none"> • This being my first time to create a window schedule using arch cad, I was challenged when using the software to create it. • I faced a problem in confusing various window types used for different purposes. • I also was challenged by confusing the different window markings given the 	<ul style="list-style-type: none"> • I learnt with the guidance of my supervisor how to easily create a window schedule. • I learnt how to relate the different markings on the various types from the plan with those in the schedule. • I learnt how to name and place different windows on the structure

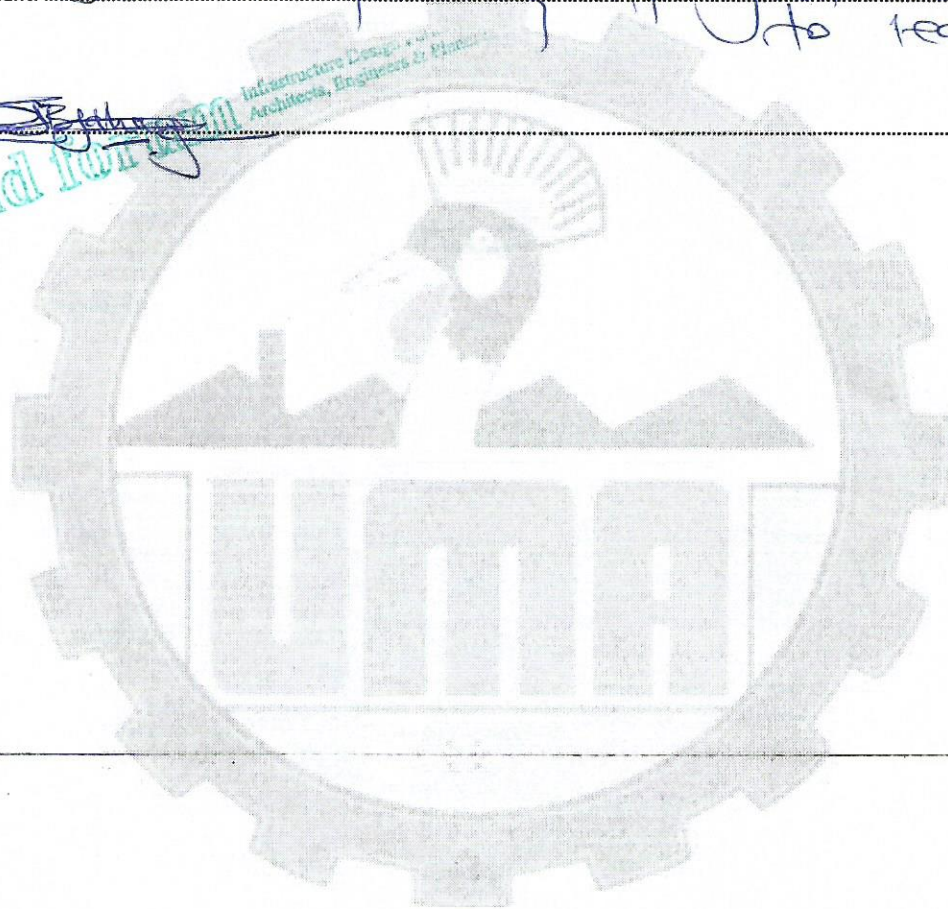
		quantity of window types on the structure.	according to their functionality and material.
To create a detailed door schedule for the entire structure.	<ul style="list-style-type: none"> I also managed to produce a door schedule for the entire structure in relation to the plan. 	<ul style="list-style-type: none"> I was challenged by the quantity and type of doors on the structure that is to say their details and functionality. I was also challenged using the software to create this schedule even though I managed to produce one. 	<ul style="list-style-type: none"> I learnt how to create the door schedule as well using arch cad software. I learnt how to be faster when creating it using the various tools.
General remarks	<ul style="list-style-type: none"> I managed to produce detailed design drawings for the floor plans for the drawing I presented. I managed to produce a finishes schedule for the structure. I produced a section across the plan horizontally. I also created a door and window schedule for the entire structure. <p>NB; I have attached to this report some of the works I have managed to accomplish in this month.</p>	<ul style="list-style-type: none"> I faced a problem of using a wrong scale for the drawings which required me to undo some of the work in order to fit it to the right scale. I still faced a problem of not being well conversant with this arch cad software as used by the company. I also encountered a problem of being slow compared to the speed required thus not being able to accomplish certain works. I also found a problem in misusing some of the tools in the software thus tampering with the quality of my work. 	<ul style="list-style-type: none"> I have learnt how to do a finishes schedule and to draw work using the right scale. I have greatly improved my speed with the help of my supervisor. I have learnt how to use many of the tools I the software to create various features. I have learnt how to properly detail various feature in accordance with the company and country standards.

Supervisors Comment: She is picking up fast and eager into learn ASD.

Signature:

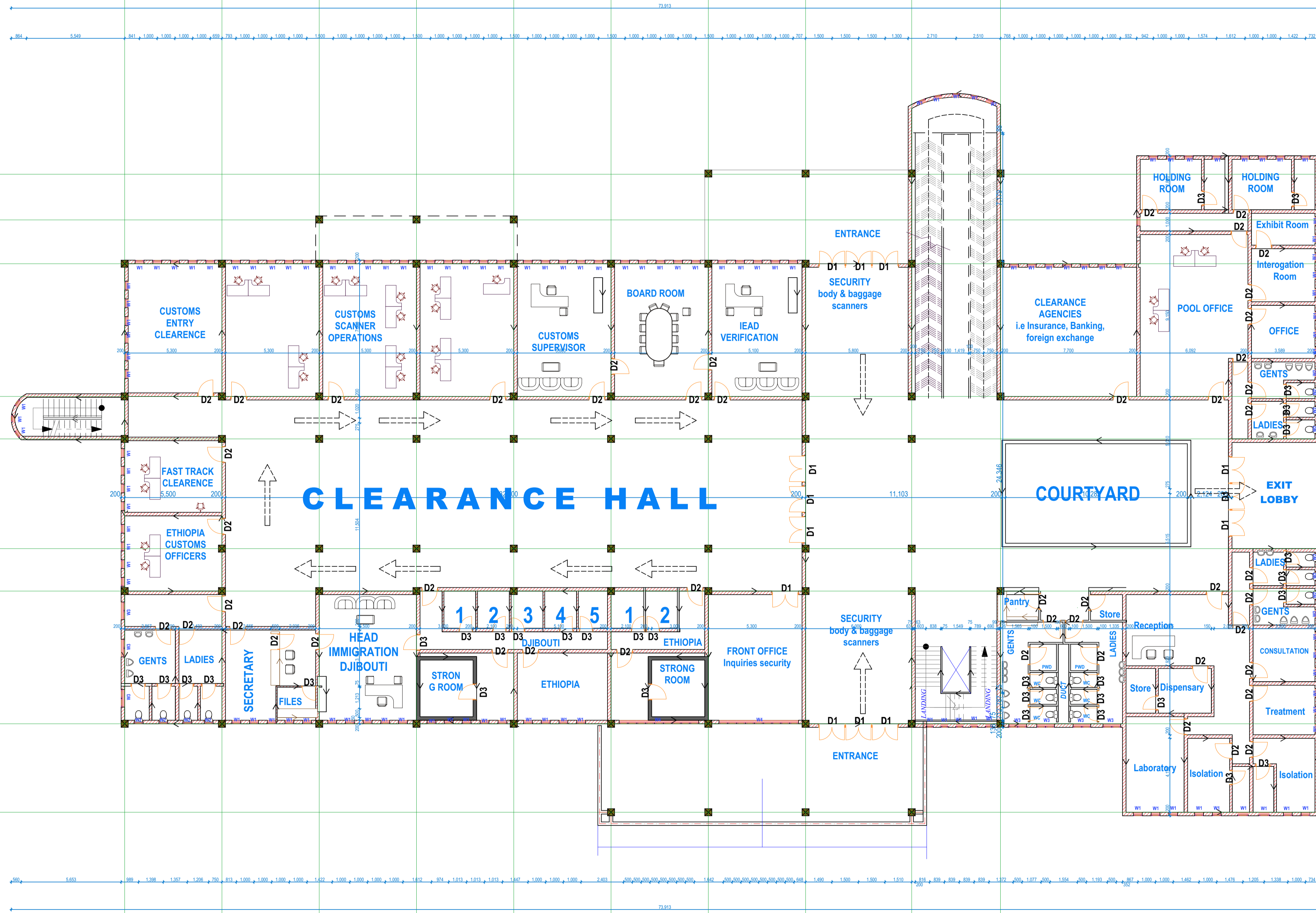
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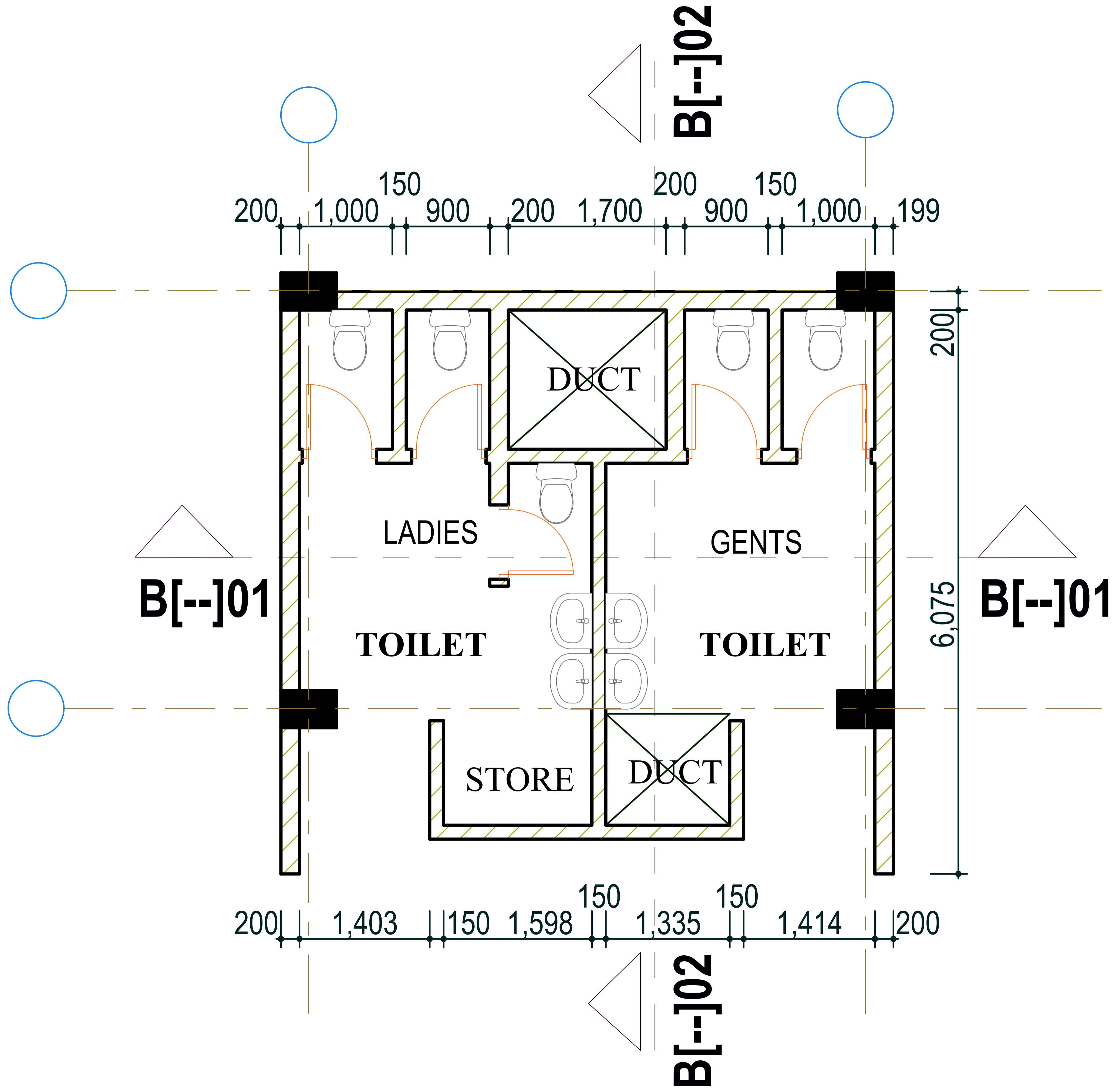
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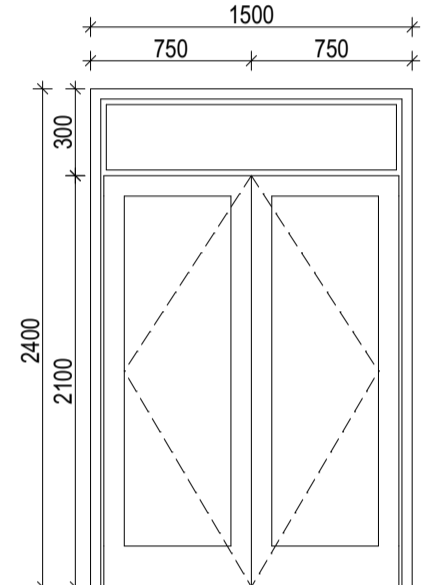
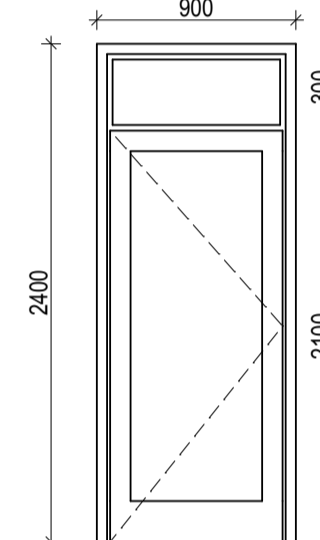
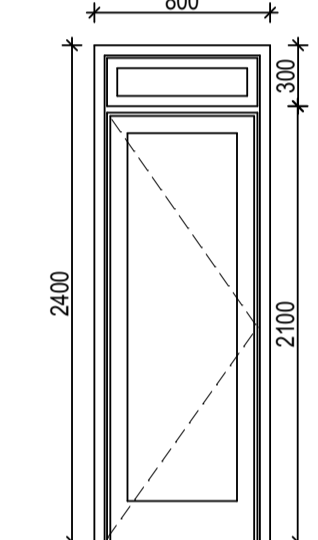
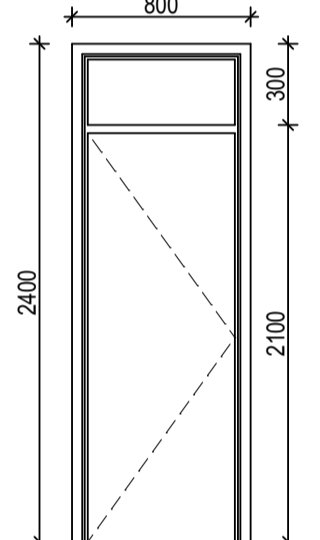
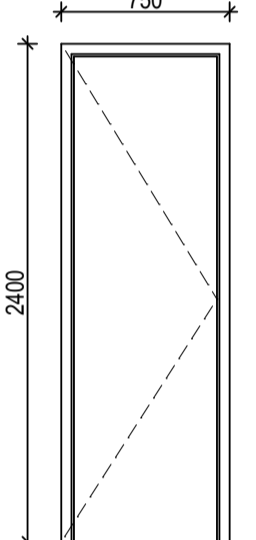
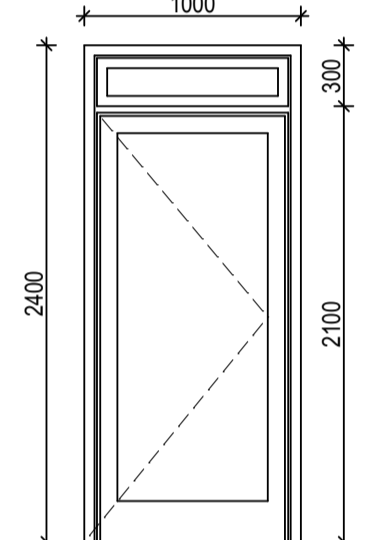


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DOOR SCHEDULE ;

MARK	D1 PV	D2 PV	D3 PV	D4.PV	D5	D6 PV
ELEVATION						
SIZE(WXH)	1500X2400 mm	900X2400 mm	800X2400 mm	800X2400 mm	750X2400 mm	750X2400 mm
TOTAL No.	14	68 no	5 no	24 no	7 no	4 no
DESCRIPTION	Approved aluminium door, side hung swinging thru.90 well fixed on a 22x3mm aluminium single frame	Approved aluminium door, side hung swinging thru.90 well fixed on a 22x3mm aluminium single frame	Approved aluminium door, side hung swinging thru.90 well fixed on a 22x3mm aluminium single frame	Solid core mahogany veneered Timber flush door 50mm thick, side hung swinging thru.90° well vanished fixed on an	Solid core mahogany veneered Timber flush door 50mm thick, side hung swinging thru.90° well vanished fixed on an	Approved aluminium door, side hung swinging thru.90 well fixed on a 22x3mm aluminium single frame
LOCATION	2 Main entrance to the building, Exit Lobby, Entrance to clearance hall, Front office, Staff Cafeteria	Kitchen, Laboratory, Isolation, Treatment, Stores, Dispensary, Consultation, Reception, Toilets first and second entrance, Offices, Interogation, Exhibit, Holding, Clearances, Pantry, Officers, Ethiopia, Djibouti, Secretary, Customs, Board, Head verification, Waiting, Deputy, CCTV, Server, Document, Resorce Centre, Training, Video Conference.	Sec, Files	Toilets	Rooms 1,2,3,4 and 5	First and second entrance to PWD
NOTE:	FIX DOOR SIGN ON ALL DOORS					

