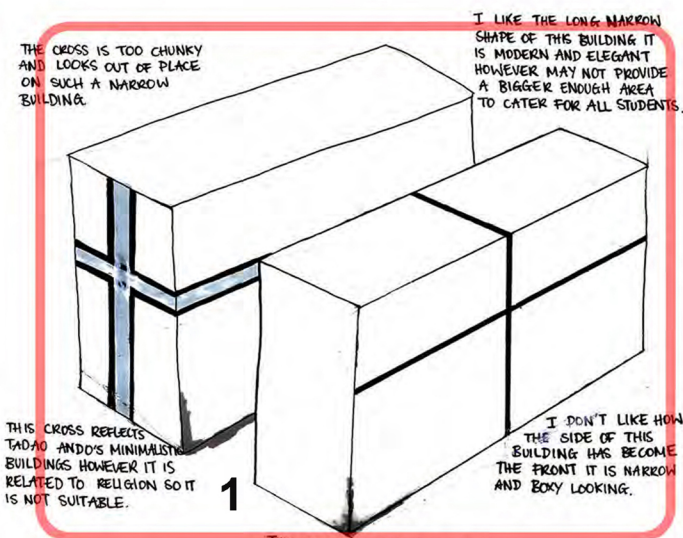


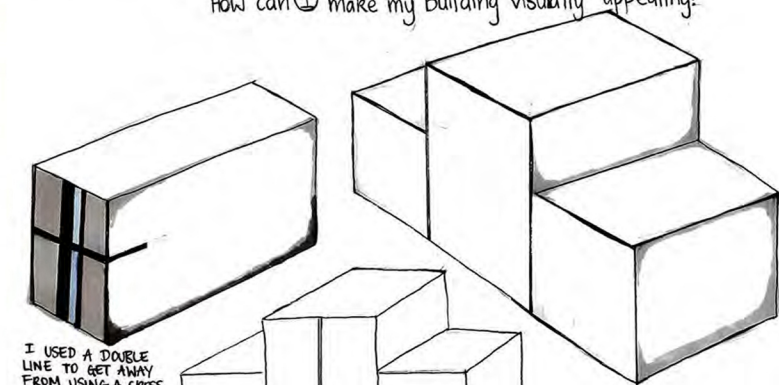
design development

How can I make my building visually appealing?



THE THINNER CROSS IS MORE ELEGANT AND GRACEFUL WHILE STILL BEING A MAIN DETAIL OF THE BUILDING. I PREFERRED IT ON THE SIDE OF THE BUILDING.

THE THIN CROSS HARMONISES WELL WITH THIS BUILDING AND ALSO ADDS ELEGANCE WHILE STILL KEEPING A MINIMALISTIC STYLE.

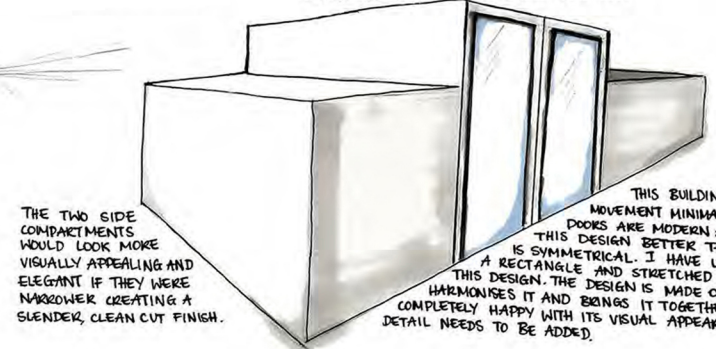


I USED A DOUBLE LINE TO GET AWAY FROM USING A CROSS. IF DOESN'T VISUALLY BENEFIT THE BUILDING AND IS UNNECESSARY DETAIL.

BY ADDING TWO SMALLER PARTS TO THE BUILDING IT MAKES THE SHAPE OF THE BUILDING MORE VISUALLY INTERESTING. IT CREATES RHYTHM AND PROVIDES MORE SPACE.

THE LINES WHICH CROSS IN THE MIDDLE ADD MINIMAL DETAIL AND CREATE MOVEMENT BY DRAWING MY EYE VERTICALLY AND HORIZONTALLY UP THE BUILDING.

HAVING THE MIDDLE SECTION OF THE BUILDING TALLER CREATES INTERESTING DETAIL AND WOULD ALLOW THE INSIDE TO HAVE HIGH CEILINGS.



THE TWO SIDE COMPARTMENTS WOULD LOOK MORE VISUALLY APPEALING AND ELEGANT IF THEY WERE NARROWER CREATING A SLENDER CLEAN CUT FINISH.

THIS BUILDING CLEARLY SHOWS THE MOVEMENT MINIMALISM. THE TALL GLASS DOORS ARE MODERN AND GRACEFUL AND SUIT THIS DESIGN BETTER THAN A CROSS. THIS DESIGN IS SYMMETRICAL. I HAVE USED THE PLAIN SHAPE OF THIS DESIGN. THE DESIGN IS MADE OF RECTANGLES WHICH COMPLETELY HAPPY WITH ITS VISUAL APPEARANCE, MORE MINIMAL DETAIL NEEDS TO BE ADDED.

design development

How can I make my building visually appealing?

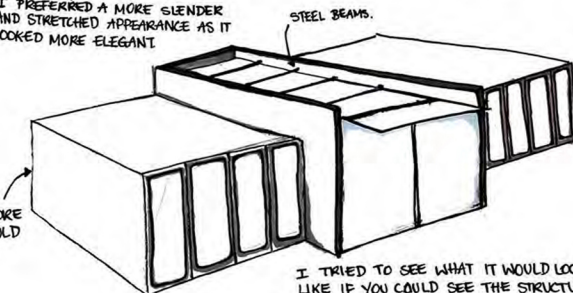
HAVING SLIM GLASS PANELS COVER THE FRONT OF MY DESIGN IS VISUALLY APPEALING AND MINIMALISTIC.



THE GLASS WINDOW CREATE A SENSE OF PATTERN. BY REPEATING THEM ON THE OTHER SIDE THE DESIGN IS SYMMETRICAL.

I PREFERRED A MORE SLENDER AND STRETCHED APPEARANCE AS IT LOOKED MORE ELEGANT.

THIS DESIGN IS TOO BOXY AND SQUARE A LONGER MORE RECTANGULAR SHAPE WOULD BE MORE GRACEFUL.

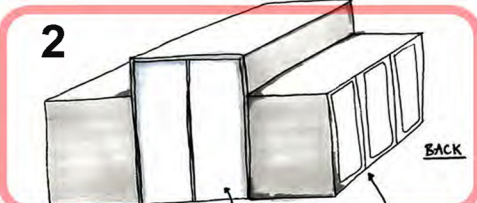


I TRIED TO SEE WHAT IT WOULD LOOK LIKE IF YOU COULD SEE THE STRUCTURE OF THE ROOF. I THINK IT LOOKS MESSY AND UNFINISHED ALTHOUGH I DO LIKE THE OVERHANGING ROOF PLACED IN BETWEEN THE TWO WALLS, AND IT ADDS SIMPLE DETAIL.

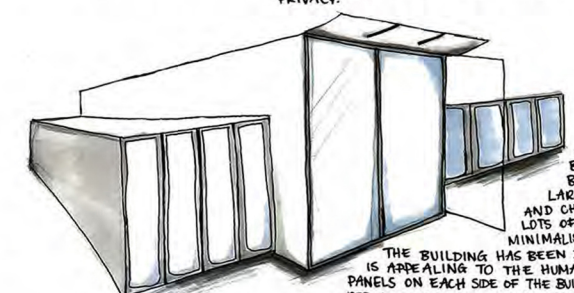


HAVING A FLAT ROOF IS OFTEN SEEN IN MINIMALISM IT CREATES A CLEAN CUT APPEARANCE.

THE BACK OF THE BUILDING HAS BY FOLDING DOORS FOR INDOOR OUTDOOR FLOW. I LIKE THE LOOK OF LARGE GLASS DOORS HOWEVER THEY DON'T PROVIDE MUCH PRIVACY.



I PREFER THE DOUBLE GLASS DOORS TO BY FOLDING DOORS AS IT HARMONISES WITH THE FRONT ENTRANCE AND SUITS THE SHAPE OF THE BUILDING BETTER. HAVING GLASS PANELS ON THE SIDE AS WELL AS THE FRONT IS TOO BUSY AND PROVIDES NO PRIVACY.



THIS BUILDING APPEARS VERY MINIMALISTIC. IT IS SLENDER AND LONG CREATING MOVEMENT BY DRAWING YOUR EYE TO THE BACK OF THE BUILDING. THE LARGE GLASS DOORS ARE MODERN AND CHIC LOOKING. THEY WILL LET IN LOTS OF LIGHT WHICH IS A PART OF MINIMALISM AS LIGHT CREATES SPACE IS APPEALING TO THE HUMAN EYE. THE FOUR WINDOW PANELS ON EACH SIDE OF THE BUILDING SHOW REPETITION FROM REPEATING THE RECTANGULAR SHAPE. THESE ALSO HARMONISE WITH THE RECTANGULAR DOORS.

design development - FLOOR PLAN

How will everything be arranged to suit the users needs?

DURING SUMMER THE USERS OF THE PREVIOUS COMMON ROOM INFORMED ME IT GETS STUFFY AND HOT WHICH IS WHY I HAVE USED SEVERAL WINDOWS AND BIG DOORS TO LET IN A BREEZE DURING SUMMER.

HIGH TOP WINDOWS LET IN LIGHT BUT PROVIDE SOME PRIVACY FOR THE STUDENTS. THE SUN WILL BE HITTING THE KITCHEN FOR A MAJORITY OF THE DAY.

THE GLASS SLIDING DOORS CREATE INDOOR OUTDOOR FLOW. THEY ARE ALSO OPPOSITE THE FRONT ENTRANCE GLASS DOORS MEANING YOU WILL BE ABLE TO SEE RIGHT THROUGH.

I PLACED THE SOCIAL AREA IN THE MIDDLE AS IT IS WHERE MOST STUDENTS WILL SOCIALISE AND THEY WILL WALK INTO IT FIRST FROM THE ENTRANCE. ALTHOUGH IT DOESN'T HAVE MUCH PRIVACY FROM THE GLASS DOORS THE STUDY AND KITCHEN PROTECT FROM THE SIDE PROVIDING SOME PRIVACY. IT WILL ALSO HAVE A VIEW OVER THE NETBALL COURTS.

STUDENTS TOLD ME THE BATHROOM AND TOILET WERE DARK AND DAMP AND NOT USED VERY OFTEN AS THEY WERE NOT CLEANED. THIS IS WHY I HAVE ONLY PROVIDED ONE TOILET WITH SEVERAL HIGH TOP WINDOWS FOR PRIVACY BUT LETTING IN LIGHT. THE GIRLS ALSO DISCUSSED THAT A SEPARATE BATHROOM WITH SINKS AND MIRRORS WOULD BE MORE USEFUL AND BENEFIT TO THEIR NEEDS. THE BATHROOM CAN BE ACCESSED FROM THE LIVING AND STUDY SO THOSE IN THE LIVING AREA DO NOT DISTURB STUDENTS STUDYING IN THE STUDY BY WALKING THROUGH THE BATHROOM.

THE STUDY IS PLACED IN THE QUIETEST AREA DUE TO ITS SURROUNDINGS. IT CAN BE CLOSED OFF FROM THE LIVING AREA SO THE GIRLS CAN STUDY. THERE IS PLENTY OF SEATING AND TOP WINDOWS TO LET IN LIGHT.

THE LIVING AREA AND STUDY ARE CARPETED. I DECIDED THIS AS SEVERAL SENIOR STUDENTS TOLD ME THROUGHOUT WINTER THE FLOORS AND ROOMS ARE FREEZING IN THE CURRENT COMMON ROOM.

GLASS PANELS COVER THE FRONT OF THE BUILDING TO LET IN LIGHT CREATING SPACE. DUE TO THE GLASS I WAS UNABLE TO HAVE ANYTHING PRESSED RIGHT UP AGAINST THE GLASS. THIS ALSO ENABLES THE GIRLS TO HAVE A VIEW OF OUTSIDE WHILE THEY STUDY.

I PROVIDED SEATING AND A COFFEE TABLE SO THE GIRLS CAN RELAX AND SOCIALIZE WITH ONE ANOTHER. THE SEATING IN THE CURRENT COMMON ROOM IS UNCOMFORTABLE AND OLD SO SOFAS AND BEANBAGS WOULD BE PREFERABLE TO BENCHES AS STUDENTS COMPLAINED ABOUT PREVIOUS SEATING.

THE DOUBLE GLASS DOORS WILL LET IN LOTS OF LIGHT AND BE VISUALLY APPEALING WHEN STUDENTS ARE APPROACHING THE BUILDING.

IN THE ENTRANCE I HAVE PROVIDED ANOTHER AREA STUDENTS CAN SIT AND RELAX. I ALSO DECIDED MOVEABLE SEATING WOULD BE USEFUL TO THE STUDENTS SO I USED BEAN BAGS. THIS MEANS THEY CAN BE MOVED AROUND TO WHERE THE STUDENTS LIKE, EVEN OUTDOORS DURING SUMMER.

I HAVE INCLUDED A LARGE DINING TABLE SO STUDENTS HAVE AN INDOOR AREA THEY CAN EAT AND SOCIALISE AT.

I LEFT A LARGE KITCHEN AREA SO MANY STUDENTS CAN ACCESS IT AT ONCE. LARGE CABINETS FOR STORING FOOD AND TROTTERS HAVE BEEN PLACED AGAINST WALLS TO SAVE SPACE AND AVOID CLUTTER. THE KITCHEN ISLAND ALSO PROVIDES EXTRA BENCH SPACE AS STUDENTS INFORMED ME THERE WAS NOT ENOUGH THE EXISTING COMMON ROOM KITCHEN. THE KITCHEN AREA HAS BEEN PLACED ON THE QUIETEST SIDE OF THE BUILDING AS IT WILL NOT AFFECT THE GIRLS. THE KITCHEN WILL BE TILED AND THEN COED DOWN TO COVER IN THE LIVING AREA. THIS IS SO THE KITCHEN CAN BE KEPT CLEAN EASIER.

THE LAYOUT OF MY DESIGN CLEARLY SHOWS MINIMALISM. THE OPENPLAN LIVING AND INDOOR OUTDOOR FLOW CREATE SPACE WHICH IS A MAIN DESIGN PRINCIPLE SEEN IN TADAO ANDO'S WORK. MINIMAL FURNISHINGS HAVE BEEN USED AND THERE IS A LOT OF ROOM LEFT TO CATER FOR ALL THE STUDENTS. I HAVE DESIGNED THE LAYOUT SO THERE IS NO WASTED SPACE AND BIG ENOUGH AREAS FOR ALL STUDENTS. I HAVE CAREFULLY CONSIDERED WHERE I HAVE PLACED THE ROOMS DUE TO THINGS LIKE THE SUN, NOISE AND PRIVACY FOR GIRLS.

design development - STRUCTURE

THE GLASS DOORS WILL FIT INSIDE THE TILT SLAB.

SMALL TOP WINDOWS

THE DOORWAYS LEADING EACH PART OF THE BUILDING TOGETHER WILL HAVE TO BE CUT INTO THE TILT SLAB.

TILT SLAB IS CUT PRIOR TO BE FITTED INTO THE BUILDING I HAVE DRAWN CUTS IN THE TILT SLAB OF WHERE DOORS AND WINDOWS WILL BE PLACED TO SHOW THE DETAIL OF MY BUILDING.

THE TILT SLAB WILL HAVE HOLES CUT OUT FOR SOME SMALL WINDOWS ARE A DOOR.

THE ALUMINIUM FRAMES WHICH BORDER THE WINDOWS PROVIDES A STRONG HOLD FOR THE GLASS SECURING IT IN PLACE.

THESE SHEETS OF TILT SLAB WILL FIT IN BETWEEN THE STEEL BEAMS THAT RUN DOWN THE BUILDING, AND THE GLASS WINDOWS WILL POP INTO THEM.

THESE STEEL BEAMS RUN DOWN THE BUILDING. TILT SLAB FITS IN BETWEEN EACH BEAM. THESE BEAMS MAKE UP THE SKELETON OF THIS BUILDING. THEY ARE STRONG AND CAN STAND IN WINDY CONDITIONS UNLIKE METAL BARS THIS IS WHY STEEL BEAMS WERE MOST SUITABLE FOR MY DESIGN.

THE ROOF OF THE TALLEST MIDDLE SECTION OF MY DESIGN HAS A STEEL BEAM RUNNING DOWN THE ROOF IT CONNECTS WITH THE TWO END BEAMS. THIS IS TOO SUPPORT THE CEILING SO IT DOESN'T DROOP OR SAG. IT PROVIDES AN EXTRA STRENGTH AND LONGER DURABILITY FOR MY DESIGN. IT ALSO ADDS SMALL DETAIL TO THE INSIDE CEILING OF MY DESIGN.

THE STEEL BEAMS ARE WELDED AND BOLTED TOGETHER TO ENSURE DURABILITY AND STRENGTH. THESE BEAMS WILL HOLD THE TILT SLAB, WINDOWS AND DOORS. IT IS THE STRONGEST MATERIAL SUITABLE FOR MY DESIGN AS IT APPEARS MINIMALISTIC.

THE STEEL BEAMS ARE ERECTED INTO A CONCRETE FOUNDATION SO THEY ARE STABLE CREATING A SAFE BUILDING FOR ITS USERS.

THE STEEL BEAMS ARE PLACED AT THE BACK AND FRONT OF MY DESIGN. THIS MAKES THE ENTRANCE BOLD AND STAND OUT. IT ALSO BALANCES THE WEIGHT OF THE BUILDING BETWEEN THE TWO ENDS.

Other Student work submitted has not been included in this exemplar