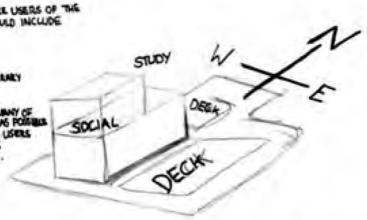
CRITERIA FOR INSIDE MY DESIGN

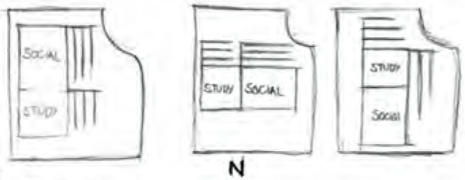
ACCORDING TO CURRENT/FUTURE USERS OF THE COMMON ROOM MY DESIGN SHOULD INCLUDE

- LARGE KITCHEN
- SMALL TOILET
- MULTI-LEVELED
- VIEWS
- BIG SOCIAL AREA
- STUDY AREA THAT RESEMBLES LIBRARY
- LIGHT- NATURAL

I HAVE TRIED TO INCORPERATE AS MANY OF THESE FEATURES INTO MY DESIGN AS POSSIBLE TO CONSIDER THE NEEDS OF THE USERS TO ACCOMADATE ALL FACILITIES REQUIRED BY YEAR 13 STUDENTS.

HOW WILL IT BE POSITIONED ON SITE?





TOP FLOOR

BOTTOM FLOOR

CONCEPT INTERIOR LAYOUT

MY INITIAL INTERIOR LAYOUT FOR MY BUILDING CONSISTS OF THE TWO LEVELS (TOP FLOOR AND BOTTOM FLOOR) THE BOTTOM LEVEL WILL BE VERY SOCIAL AS IT IS VERY OPEN WITH A GOOD INDOOR TO OUTDOOR LIVING FLOW WHICH IS BENEFICIAL FOR WHEN THE WEATHER IS FINE. AS THERE IS MORE FLOOR SPACE. THE KITCHEN/STAIRS / TOILET ARE LOCATED IN THE SOUTHERN END OF THE BUILDING TO TUCK THEM OUT OF THE WAY FROM THE SOCIAL/ MEETING PLACE. THE STAIRS LEAD UP TO THE SECOND FLOOR WHICH IS THE 'QUIET AREA' AND HAS A DOOR, TO SHUT OUT THE NOISE FROM DOWNSTAIRS. UPSTAIRS THERE WILL BE TABLES AND CHAIRS FOR STUDENTS/USERS TO DO THEIR WORK. COUCHES WILL ALSO BE LOCATED FOR THOSE WHO WANT TO READ. MY DESIGN IS MULTIPURPOSEFUL, USER SPECIFIC AND APPROPRIATELY POSITIONED IN RELIVATION TO THE LOCATION OF THE SITE.

CHOSEN LAYOUT

MY CHOSEN LAYOUT IS SIMILAR TO MY INITIAL LAYOUT BUT MORE THOUGHTFULLY POSITIONED IN TERMS OF USER FRIENDLY, EVENESS AND A OPEN FLOW. THE ENTRANCE IS LOCATED AT THE VERY TOP- NORTH OF THE BUILDING, WHICH THEN GIVES WAY TO THE LARGE, CASUAL SOCIAL/LIVING AREA. SYMMETRICALLY ON THE SW AND SE SIDES FROM THE ENTRANCE IS THE TOILET CUBICAL WHICH IS ONLY SMALL AS ACCORDING TO USERS OF THE CURRENT SENIOR COMMON ROOM THE TOILET IS RARELY USED BECAUSE NO ONE WAITS THERE VERY LONG. THAT'S GOING TO CHANGE WITH MY NEW DESIGN AS THE SEGREGATED AREAS OFFER A RANGE OF THINGS TO DO FOR STUDENTS THE STAIRS ARE OFF OF THE ENTRANCE AND BEHIND THE TOILET AND STAIRS IS THE KITCHEN WHICH UNLIKE THE CURRENT KITCHEN IS LONG AND SPACED OUT.

FINAL LAYOUT

WHEN PLACING THE BUILDING ON SITE IT IS IMPORTANT TO TAKE INTO ACCOUNT THE DIRECTION OF THE SUN. THE MAIN ENTRANCE TO THE BUILDING IS NORTH FACING SO THE SUN WILL STREAM THROUGH THE WINDOWS AND DOORS THROUGHOUT THE DAY THE EASTERN SIDE OF THE BUILDING HAS LARGE WINDOWS AND AN EXTENSIVE DECK SO IT WILL GET THE MORNING SUN THE MAIN ENTRANCE IS NOT ON THE EAST SIDE AS THE VIEW OUT TO THE MANUKAU IS NOT VERY APPEALING. THE WEST SIDE WILL ALSO HAVE LARGE WINDOW TO CATCH THE AFTERNOON SUN. ALTHOUGH THE DECK ON THIS SIDE WILL BE SHADED AND WON'T GET MUCH SUN WHEN IN USE AS SCHOOL FINISHES AT 3.15 PM THROUGHOUT THE DAY THIS SIDE WILL BE SHADED AND WON'T THE WINDOWS ON THE WEST SIDE ARE AN IMPORTANT DESIGN ELEMENT AS MY BUILDING IS INSPIRES BY THE MINIMALISTIC/MODERNISM MOVEMENT AND SYMMETRY IS IMPORTANT.

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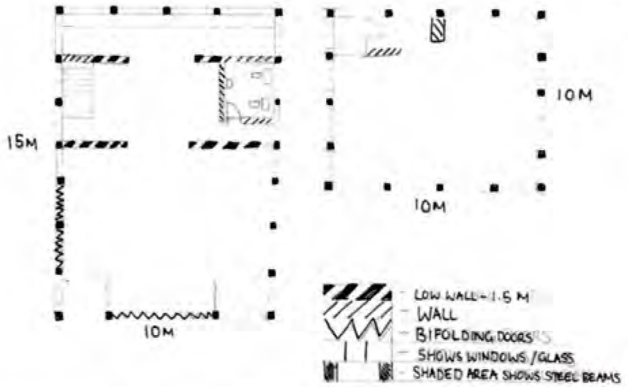
FINAL LAYOUT.

- FUNCTION OF DESIGN FEATURES.

I DESIGNED MY LAYOUT FOR THE INTERIOR OF THE NEW SENIOR COMMON ROOM TO ACCOMADATE THE NEEDS OF ALL USERS WITH SEPERATE DESIGNATED SOCIAL AND STUDY AREAS. YOU WILL NOTICE THE GROUND FLOOR CONTAINS THE KITCHEN, BATHROOM AND SOCIAL AREA AS SHOWN ON MY SITE POSITION PAGE. THERE ARE NOT WALLS SEPERATING EACH DIVISION (NOT INCLUDING THE TOILET WHICH HAS TO HAVE WALLS FOR PRIVACY REASONS) I HOWEVER USED LOW WALLS TO ADD VISUAL VARIETY TO THE BOTTOM FLOOR. I WANTED TO CLOSE OFF THE KITCHEN AREA AT THE BACK VERY BACK BUT THOUGHT BETTER OF IT AS I WOULD BE CUTTING OUT NATURAL LIGHT FROM REACHING THE KITCHEN. THIS IS WHY I PUT LOW WALLS IN. SO SUNLIGHT CAN STILL STREAM INTO THE KITCHEN. I HAVE ALSO PUT ONE AT THE BOTTOM OF THE STAIRS TO TO HELP MINORLY CUT DOWN THE NOISE TRAVELING UPSTAIRS TO THE STUDY AREA WHEN THE DOOR IS OPEN. MY MAIN REASON FOR USING LOW WALLS WAS TO CREATE AREAS/OPTIONS FOR VISUAL VARIETY WITHOUT CUTTING AREAS OUT COMPLETELY.

FLOOR PLAN



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MATERIALS

STEEL FRAMING IS A COMMON MATERIAL USED IN MINIMALISTIC BUILDINGS. IT CREATES A SILVER SKELOTON TO WHICH OTHER MATERIALS CAN FIT INTO/ ONTOP OF. IT IS ALSO RELETIVELY LOW MAINTENINCE AND TO ERECT ONLY INVOLVES BOLTING TOGETHER STEEL FRAMES. THE FRAMING IS ALSO THE MAIN STRUCTURE THAT HOLDS UP THE ROOF AND HOLDS THE WALLS TOGETHER. THE WALLS ARE ALL GOING TO BE MADE OF GLASS TO ENHANCE THE VISUAL SURROUNDINGS/ ENVIROMENT. IT MAKES SPACES SEEM LARGER THAN THEY REALLY ARE. IT ALSO ALLOWS FOR A LIGHT SPACE WHERE SUN CAN FLOOD IN FROM ANY ANGLE AT ANY TIME OF THE DAY. GLASS IS QUITE HIGH MAINTENINCE AS IT GETS DIRTY EASILY AND REQUIRES FREQUENT CLEANING BUT IT'S POSITIVES WEIGH OUT ITS NEGATIVES. THE FLOORS OF BOTH THE BOTTOM AND TOP FLOOR ARE MADE OF TIMBER WHICH IS LOW MAINTININCE AND DURABLE AND WILL FIT IN VISUALLY TO THE RATHER SIMPLE COLOUR PALLET. I HAVE LEFT ALL MATERIALS IN THEIR NATURAL STATE AS MINIMALISM IS ABOUT THE REFINED BEAUTY OF DESIGN.

STRUCTURE DEVELOPEMENT

HOW WILL IT STAY UP?

MY DESIGNS MAIN STRUCTURE IS MADE OF AND SUPPORTED BY STEEL FRAMING. SO WALLS ARE NOT NESSACARY TO BARE THE WEIGHT OF THE BUILDING. SOME STEEL BEAMS ARE NOT AS STRONG AND WELL SUPPORTED AS OTHERS. THE WEST-EAST FRAMES ARE ALL WELL SUPPORTED BY THE VERTICAL STEEL POLES, BECAUSE SOME POLES ARE WEAKER THAN OTHERS (REFER TO NOTES ON STRUCTURAL DRAWING OF NORTH-SOUTH STEEL FRAMES) THE STRONGER ONES WILL HAVE TO SUPPORT THE WEAKER ONES. THE STEEL FRAMING IS ALSO VISUALLY APPEALING AS THE SLENDER, METALLIC LINES DRAW THE EYES ACROSS AND UP AND DOWN THE DESIGN. STEEL FRAMING ALSO FITS IN WELL WITH MY CHOSEN DESIGN MOVEMENT - MINIMALISM - AS THE STEEL FRAMING CREATES SIMPLE SHAPE AND PATTERN WITH THE CROSSING OVER OF THE STRAIGHT STEEL FRAMES.

WHY I HAVE CHOSEN THIS

I HAVE SELECTED TO USE STEEL FRAMING TO HOLD UP MY DESIGN BECAUSE THEY ARE STRONG AND SUITABLE FOR TWO-STOREY BUILDINGS IT ALSO ENHANCES THE VISUAL ENVIROMENT WHEN GLASS IS ADDED / PLACED BETWEEN FRAMING. I CONSIDERED USING TILT SLAB INSTEAD OF STEEL FRAMING BUT CHANGING MY DESIGN SO THERE WASN'T SO MUCH GLASS AS MY DESIGN HAS GLASS WALLS / A LOT OF WINDOWS WHICH WOULDN'T BE FUNCTIONAL IN A BUILDING MADE OF CONCRETE. ALSO MY DESIGN MUST LOTS OF LIGHT AVAILABLE AS THAT'S A COMMON FEATURE USERS WANT IN A FUTURE COMMON ROOM. THAT'S WHY. I SELECTED STEEL FRAMING OVER TILT SLAB.