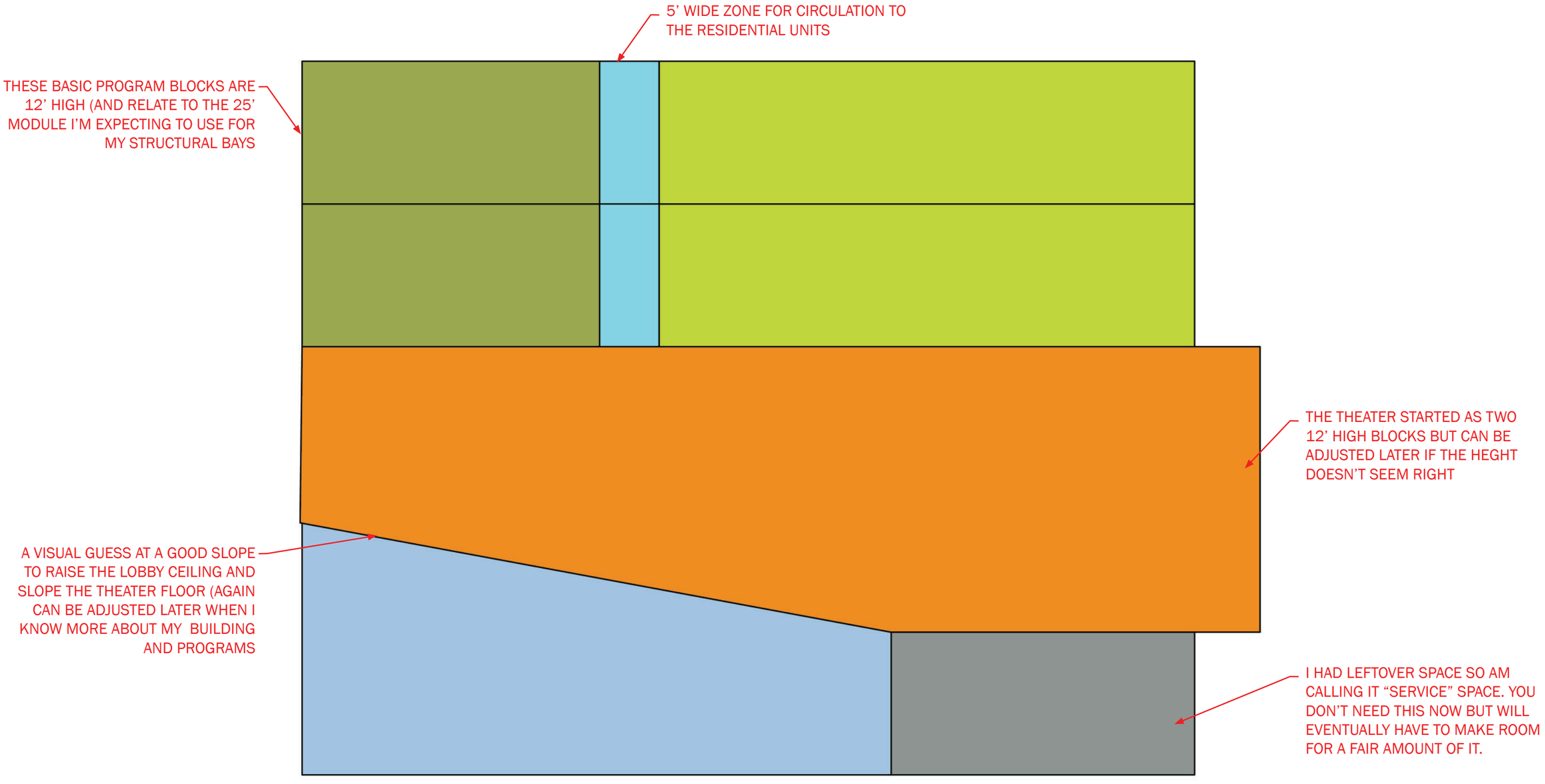
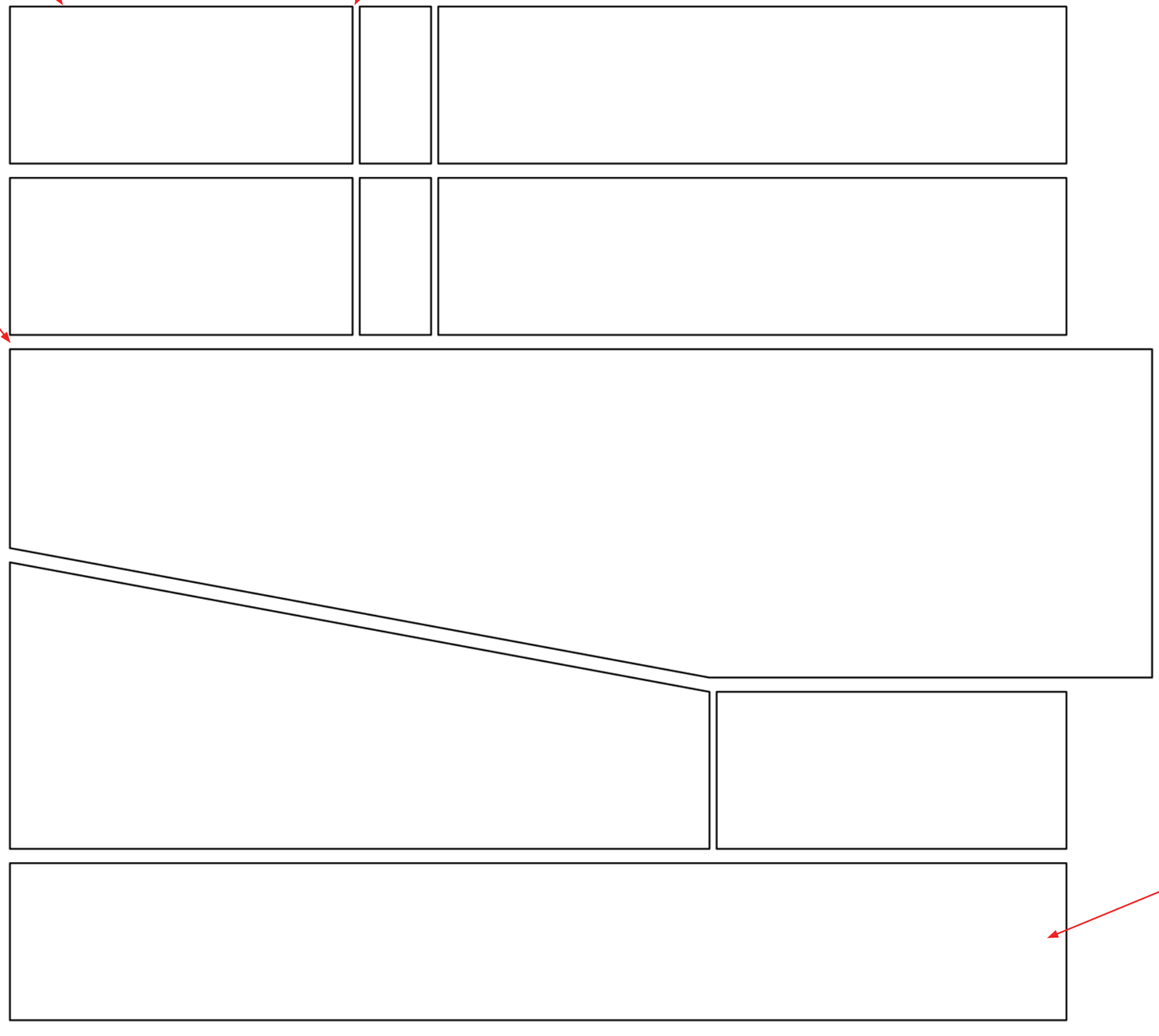

5’ WIDE ZONE FOR CIRCULATION TO THE RESIDENTIAL UNITS
THESE BASIC PROGRAM BLOCKS ARE 12’ HIGH (AND RELATE TO THE 25’ MODULE I’M EXPECTING TO USE FOR MY STRUCTURAL BAYS
THE THEATER STARTED AS TWO 12’ HIGH BLOCKS BUT CAN BE ADJUSTED LATER IF THE HEGHT DOESN’T SEEM RIGHT
A VISUAL GUESS AT A GOOD SLOPE TO RAISE THE LOBBY CEILING AND SLOPE THE THEATER FLOOR (AGAIN CAN BE ADJUSTED LATER WHEN I KNOW MORE ABOUT MY BUILDING AND PROGRAMS
I HAD LEFTOVER SPACE SO AM CALLING IT “SERVICE” SPACE. YOU DON’T NEED THIS NOW BUT WILL EVENTUALLY HAVE TO MAKE ROOM FOR A FAIR AMOUNT OF IT.

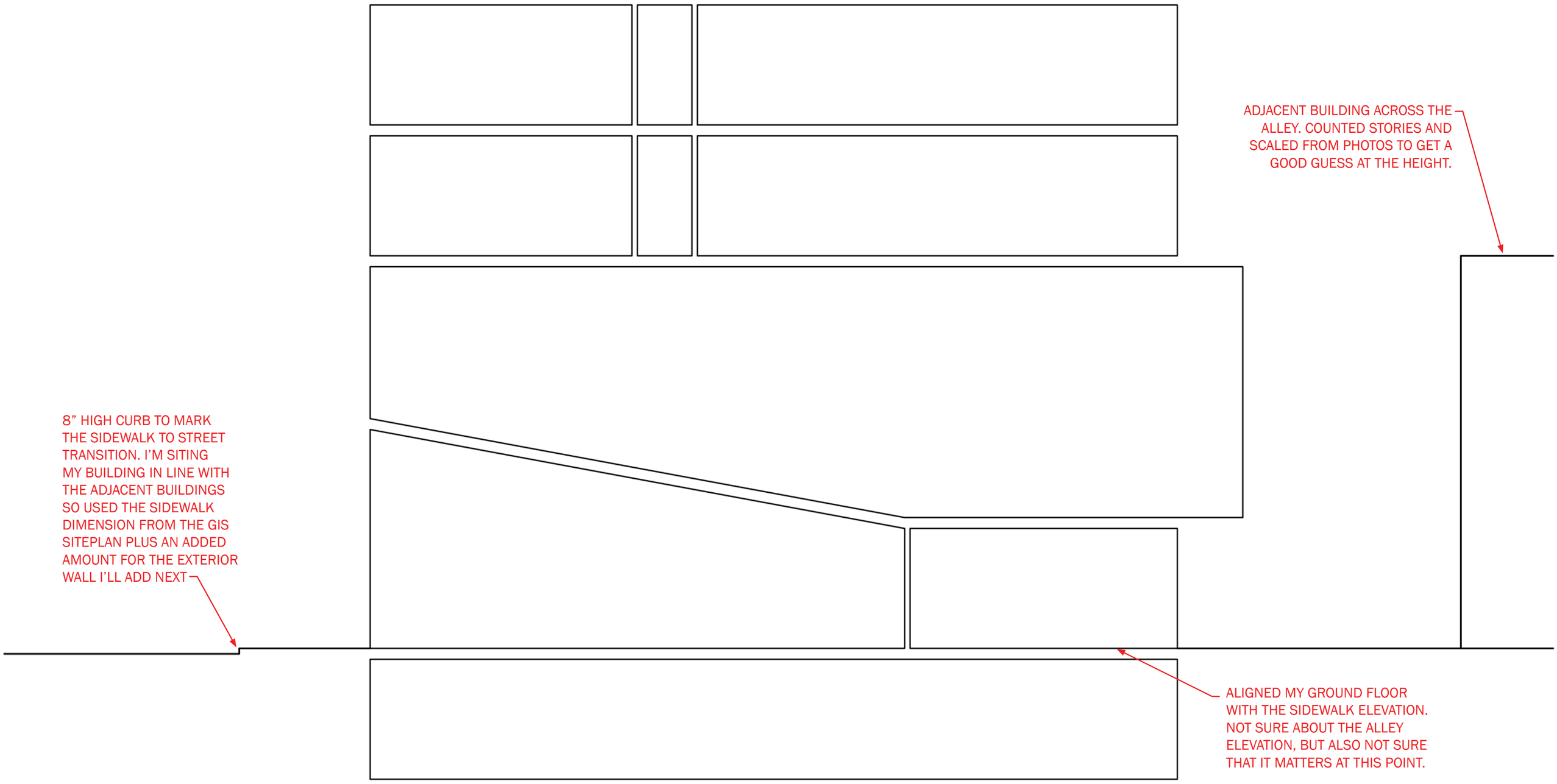
I SPACED THESE BLOCKS OUT BY SHRINKING THE BLOCKS BUT EARLY ON YOU COULD JUST HAVE EASILY HAVE MOVED THEM APART

THINKING ABOUT A REASONABLE THICKNESS FOR INTERIOR WALLS I MADE A 6” SPACE BETWEEN THE CORRIDOR AND THE UNITS

12” SPACE IS A GOOD FIRST GUESS AT A FLOOR THICKNESS



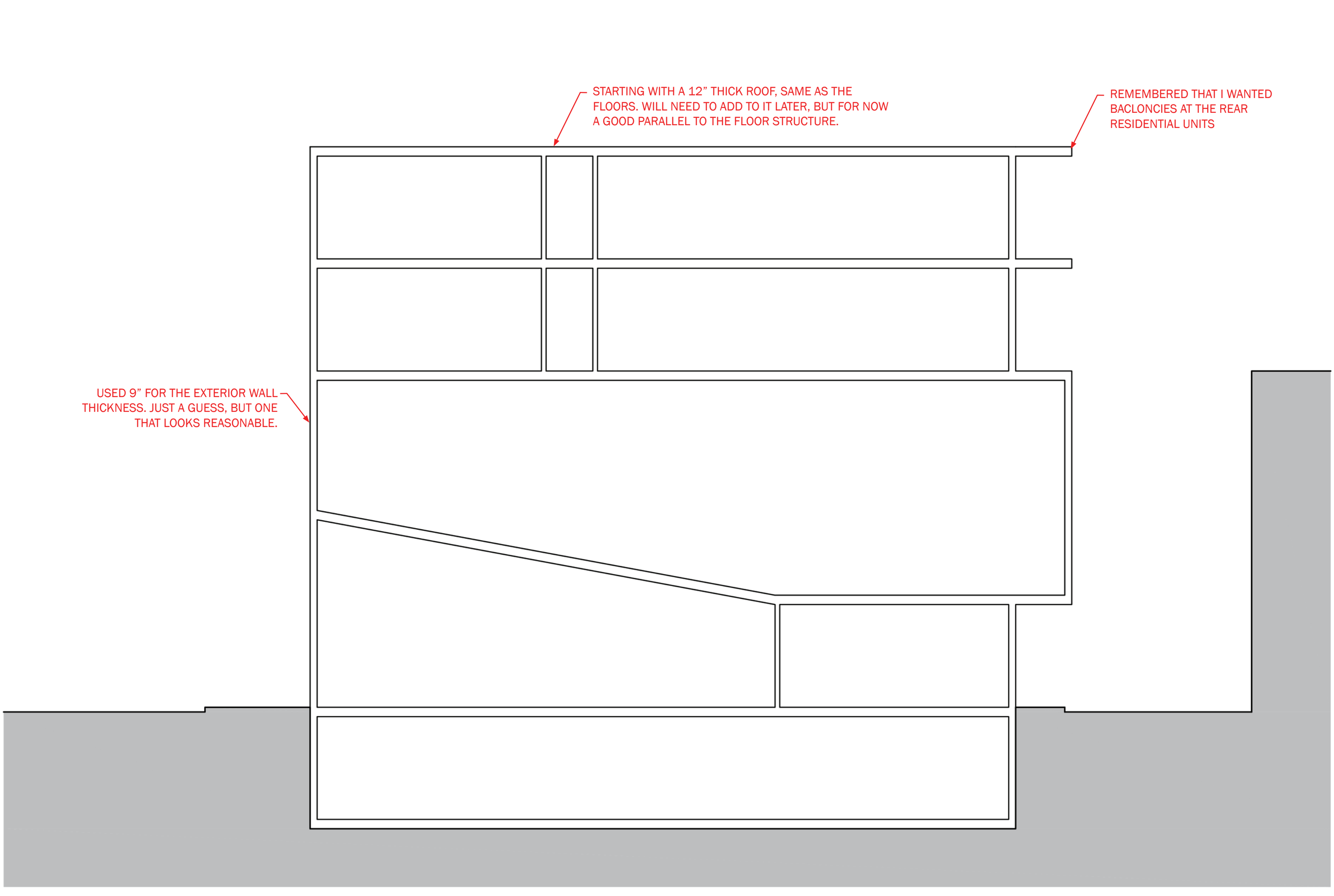
I DIDN’T ORIGINALLY HAVE A BLOCK FOR THE UNDERGROUND PARKING SO ADDED ONE WITH THE SAME HEIGHT AS MY OTHER BLOCKS.


ADJACENT BUILDING ACROSS THE ALLEY. COUNTED STORIES AND SCALED FROM PHOTOS TO GET A GOOD GUESS AT THE HEIGHT.
8” HIGH CURB TO MARK THE SIDEWALK TO STREET TRANSITION. I’M SITING MY BUILDING IN LINE WITH THE ADJACENT BUILDINGS SO USED THE SIDEWALK DIMENSION FROM THE GIS SITEPLAN PLUS AN ADDED AMOUNT FOR THE EXTERIOR WALL I’LL ADD NEXT
ALIGNED MY GROUND FLOOR WITH THE SIDEWALK ELEVATION. NOT SURE ABOUT THE ALLEY ELEVATION, BUT ALSO NOT SURE THAT IT MATTERS AT THIS POINT.

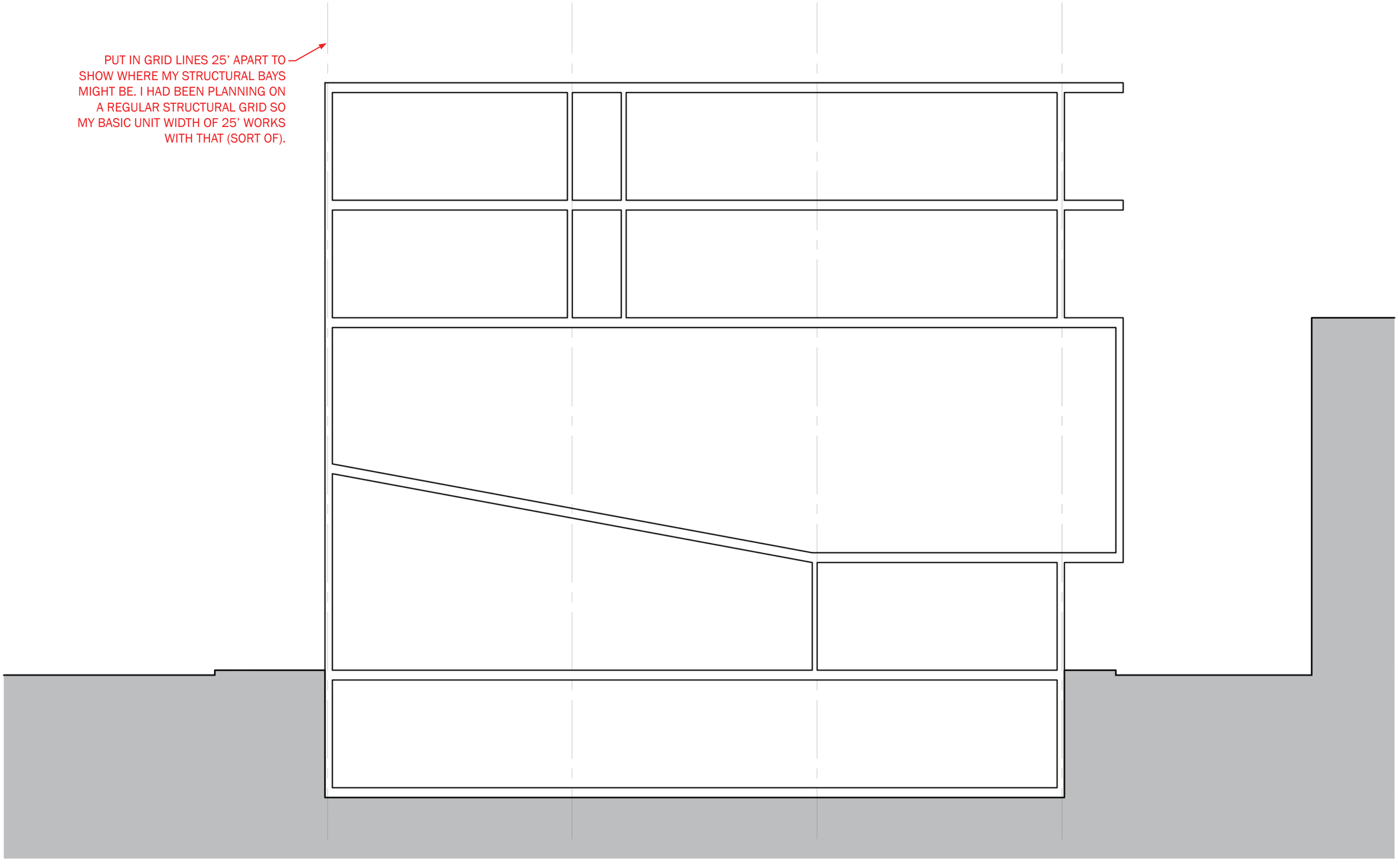
STARTING WITH A 12” THICK ROOF, SAME AS THE FLOORS. WILL NEED TO ADD TO IT LATER, BUT FOR NOW A GOOD PARALLEL TO THE FLOOR STRUCTURE.

REMEMBERED THAT I WANTED BACLONCIES AT THE REAR RESIDENTIAL UNITS

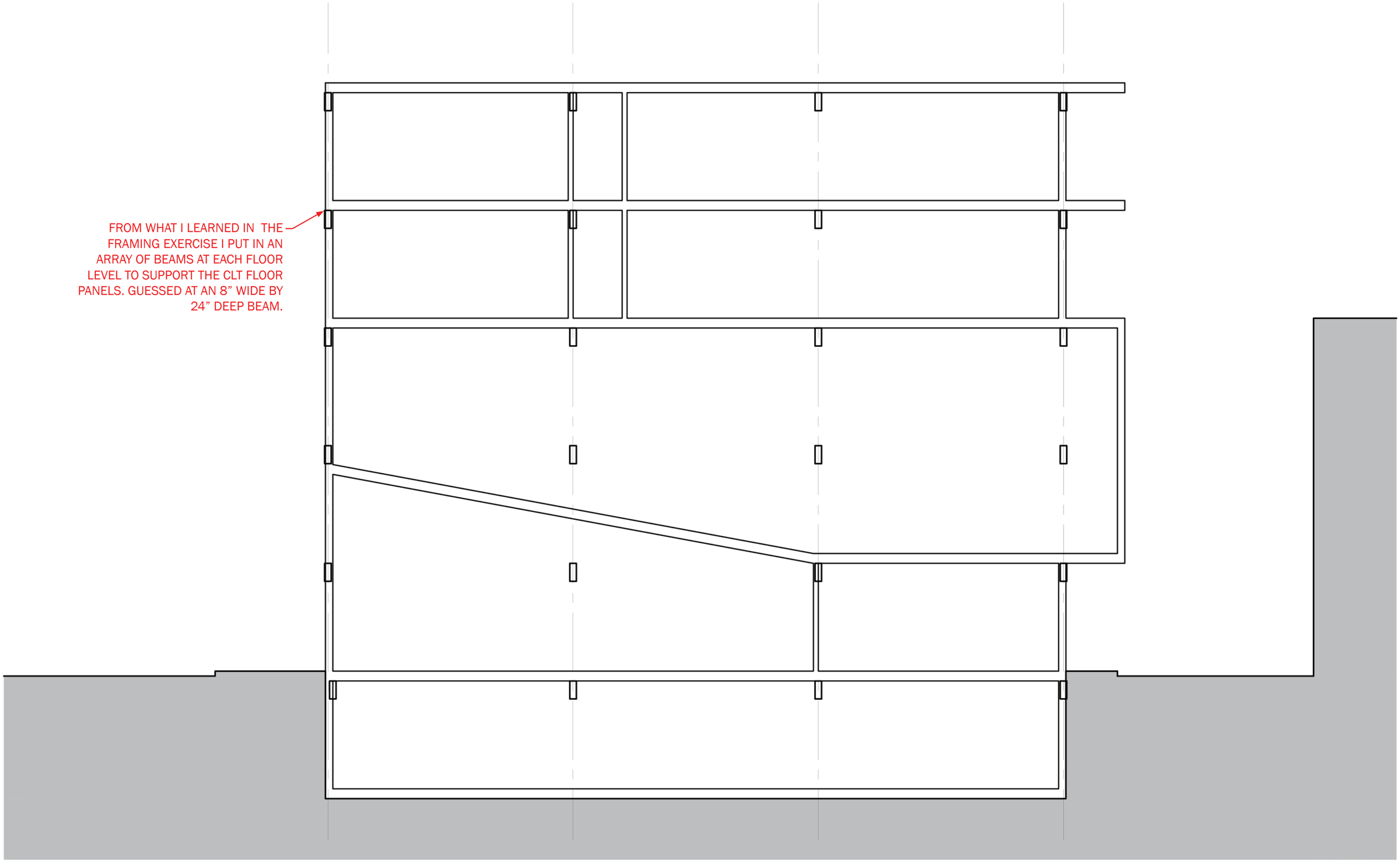
USED 9” FOR THE EXTERIOR WALL THICKNESS. JUST A GUESS, BUT ONE THAT LOOKS REASONABLE.

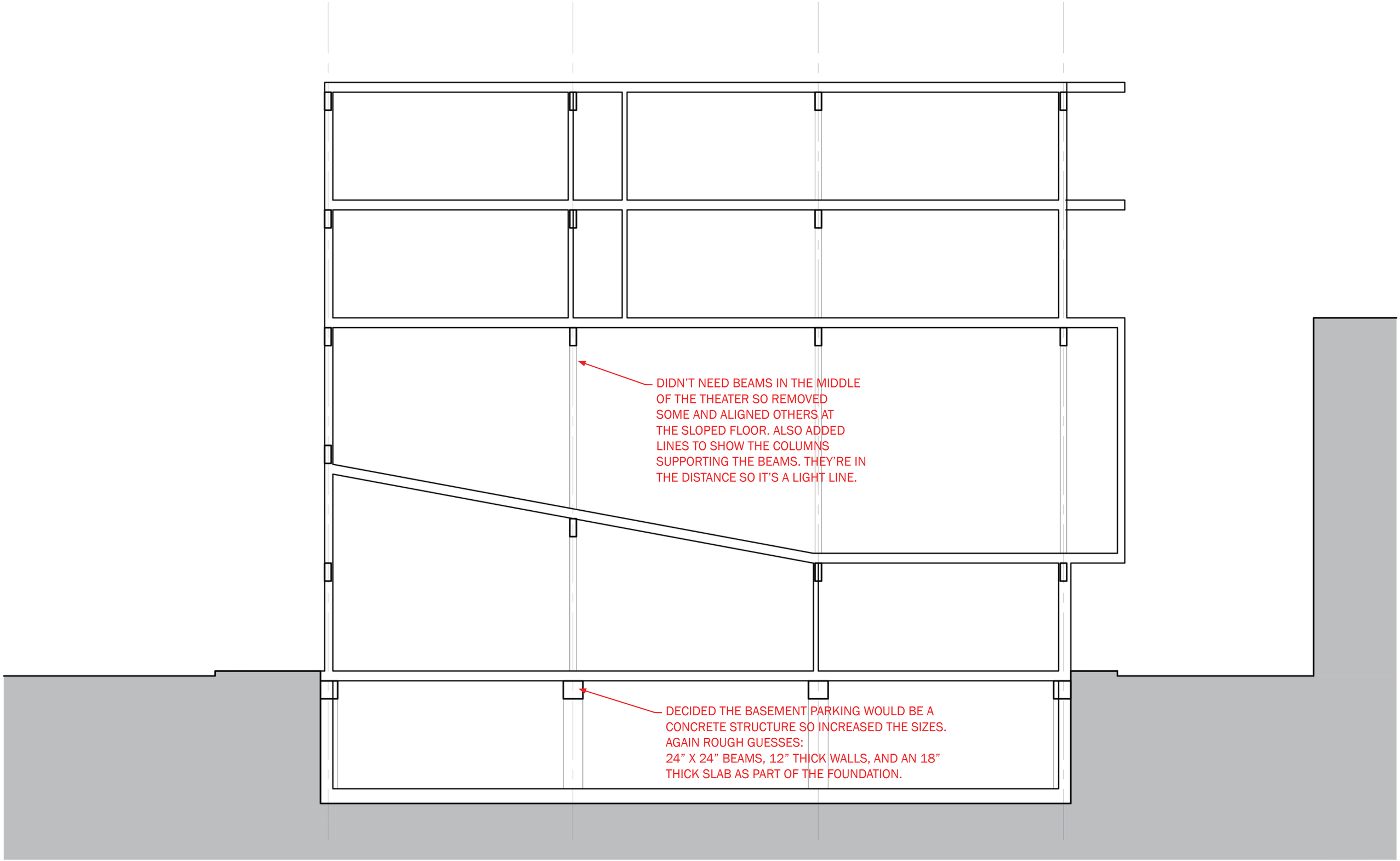


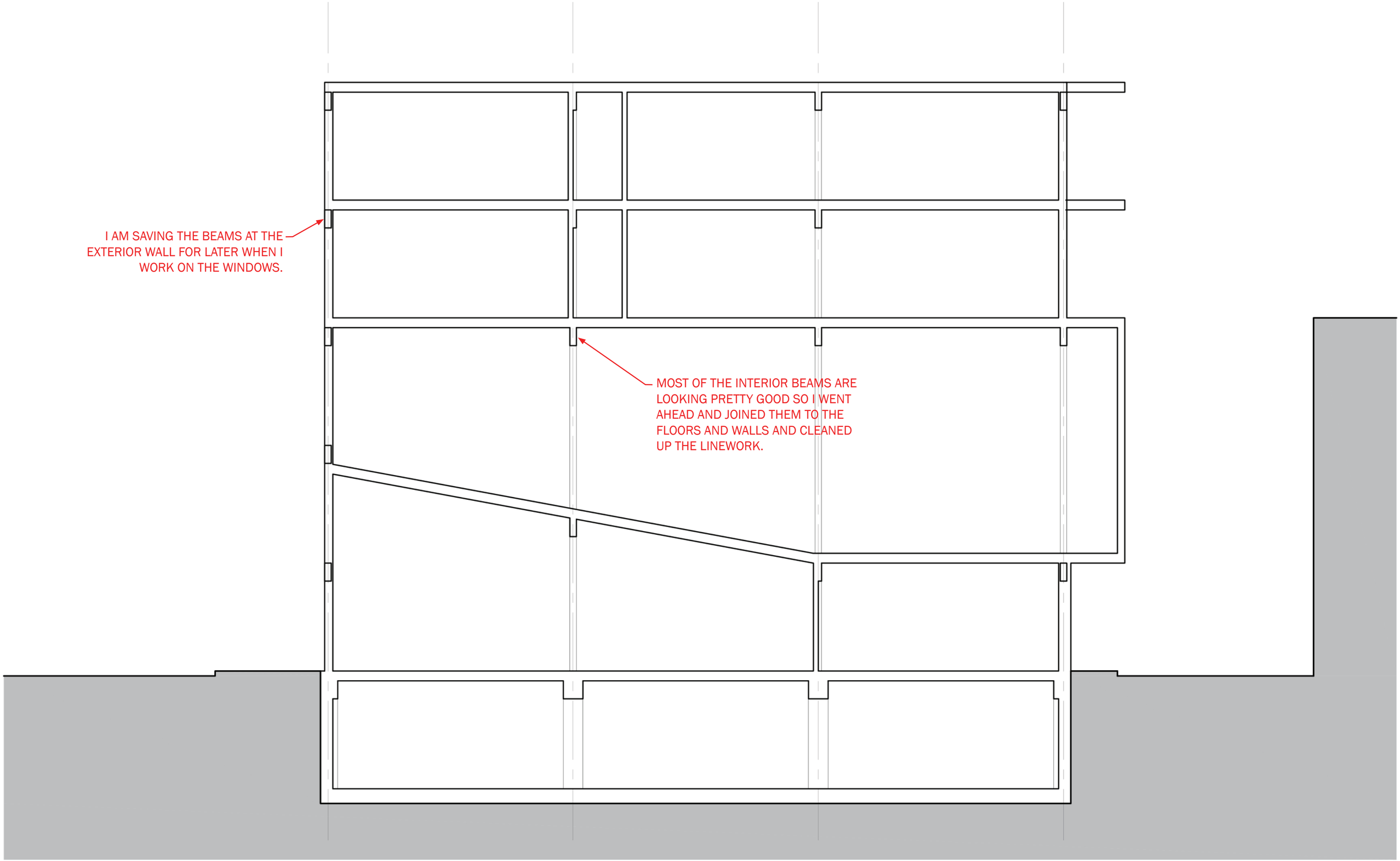
PUT IN GRID LINES 25’ APART TO SHOW WHERE MY STRUCTURAL BAYS MIGHT BE. I HAD BEEN PLANNING ON A REGULAR STRUCTURAL GRID SO MY BASIC UNIT WIDTH OF 25’ WORKS WITH THAT (SORT OF).



FROM WHAT I LEARNED IN THE FRAMING EXERCISE I PUT IN AN ARRAY OF BEAMS AT EACH FLOOR LEVEL TO SUPPORT THE CLT FLOOR PANELS. GUESSED AT AN 8” WIDE BY 24” DEEP BEAM.




DIDN'T NEED BEAMS IN THE MIDDLE
OF THE THEATER SO REMOVED
SOME AND ALIGNED OTHERS AT
THE SLOPED FLOOR. ALSO ADDED
LINES TO SHOW THE COLUMNS
SUPPORTING THE BEAMS. THEY'RE IN
THE DISTANCE SO IT'S A LIGHT LINE.
DECIDED THE BASEMENT PARKING WOULD BE A
CONCRETE STRUCTURE SO INCREASED THE SIZES.
AGAIN ROUGH GUESSES:
24" X 24" BEAMS, 12" THICK WALLS, AND AN 18"
THICK SLAB AS PART OF THE FOUNDATION.


I AM SAVING THE BEAMS AT THE EXTERIOR WALL FOR LATER WHEN I WORK ON THE WINDOWS.
MOST OF THE INTERIOR BEAMS ARE LOOKING PRETTY GOOD SO I WENT AHEAD AND JOINED THEM TO THE FLOORS AND WALLS AND CLEANED UP THE LINEWORK.

SINCE MY ROOF IS OCCUPIABLE IT NEEDS 42” HIGH GUARDS AROUND IT. FOR THE STREET FACADE I DECIDED TO DO THIS WITH A PARAPET WALL

CORRIDOR DOORS TO THE FRONT UNITS: DARKER LINE FOR THE DOOR, LIGHTER LINES FOR THE DOOR OPENING BEYOND.

AT THE BACK I WANT TO MAXIMIZE LIGHT AND VIEW SO MADE A LARGE GLASS DOOR/WALL

AND DREW THE BALCONY RAILS AS A SINGLE LINE TO SIGNIFY A LIGHT/ TRANSPARENT RAILING

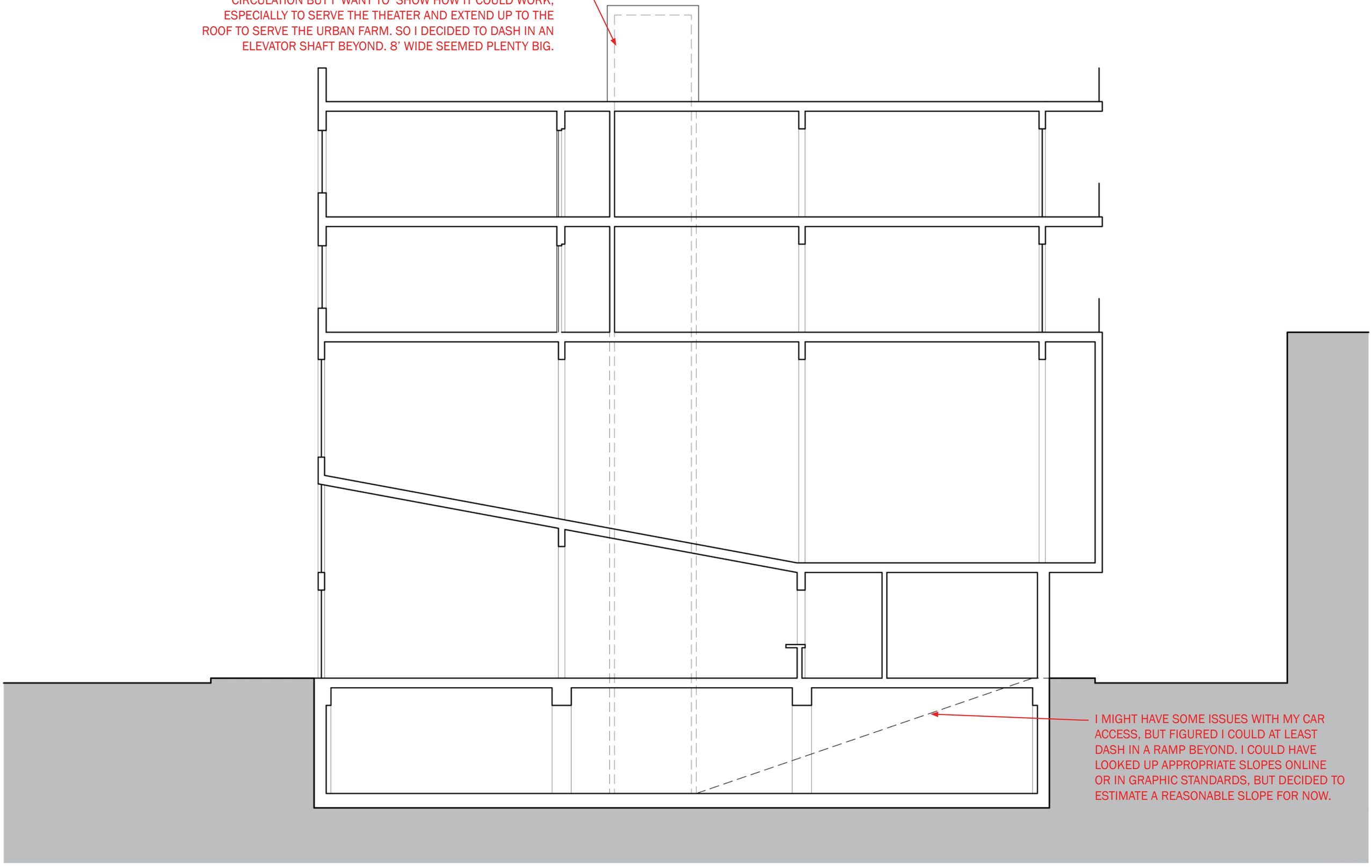
I DECIDED THE STREET FACADE WOULD BE A SOLID WALL WITH WINDOWS INTO THE RESIDNETIAL UNITS. DO I HAVE ANY IDEA WHAT THE FACADE WILL LOOK LIKE? NOPE. BUT I DO LIKE BIG WINDOWS SO STARTING AT A SILL 2’-6” ABOVE THE FLOOR DREW THE WINDOWS GOING UP TO THE BOTTOM OF THE BEAM. FOR AN 1/8” SCALE DRAWING I THINK I CAN JUST MAKE THE WINDOW A SINGLE THICK LINE AND NOT BOTHER DRAWING THE MULLIONS OR ANY ADDED DETAIL. I MIGHT ADD THE LIGHT LINES OF THE WALL BEYOND LATER.

I THINK THE LOBBY WANTS TO BE A BIG WALL OF GLASS. LEFT IN THE BEAM BUT WILL FIGURE IT OUT LATER.

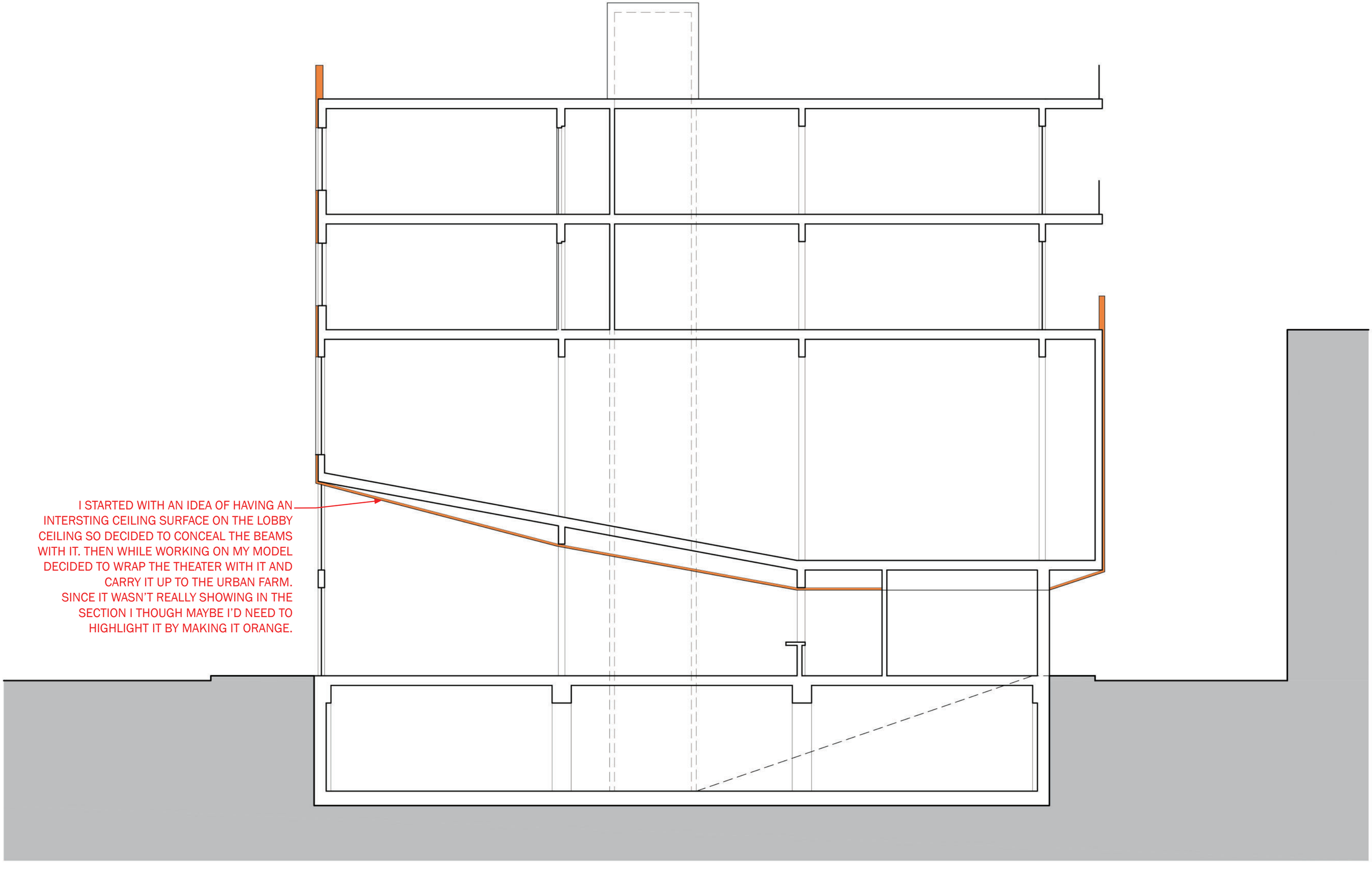
THOUGHT IT WOULD BE NCIE TO HAVE A DESK IN THE LOBBY THAT COULD BE A TICKET DESK FOR THE THEATER AND A RECEPTIONIST FOR THE RESIDENTS.

THERE WILL BE DOORS FOR ACCESS TO THE ALLEY, BUT APPARENTL NOT SHOWING IN THIS SECTION CUT.

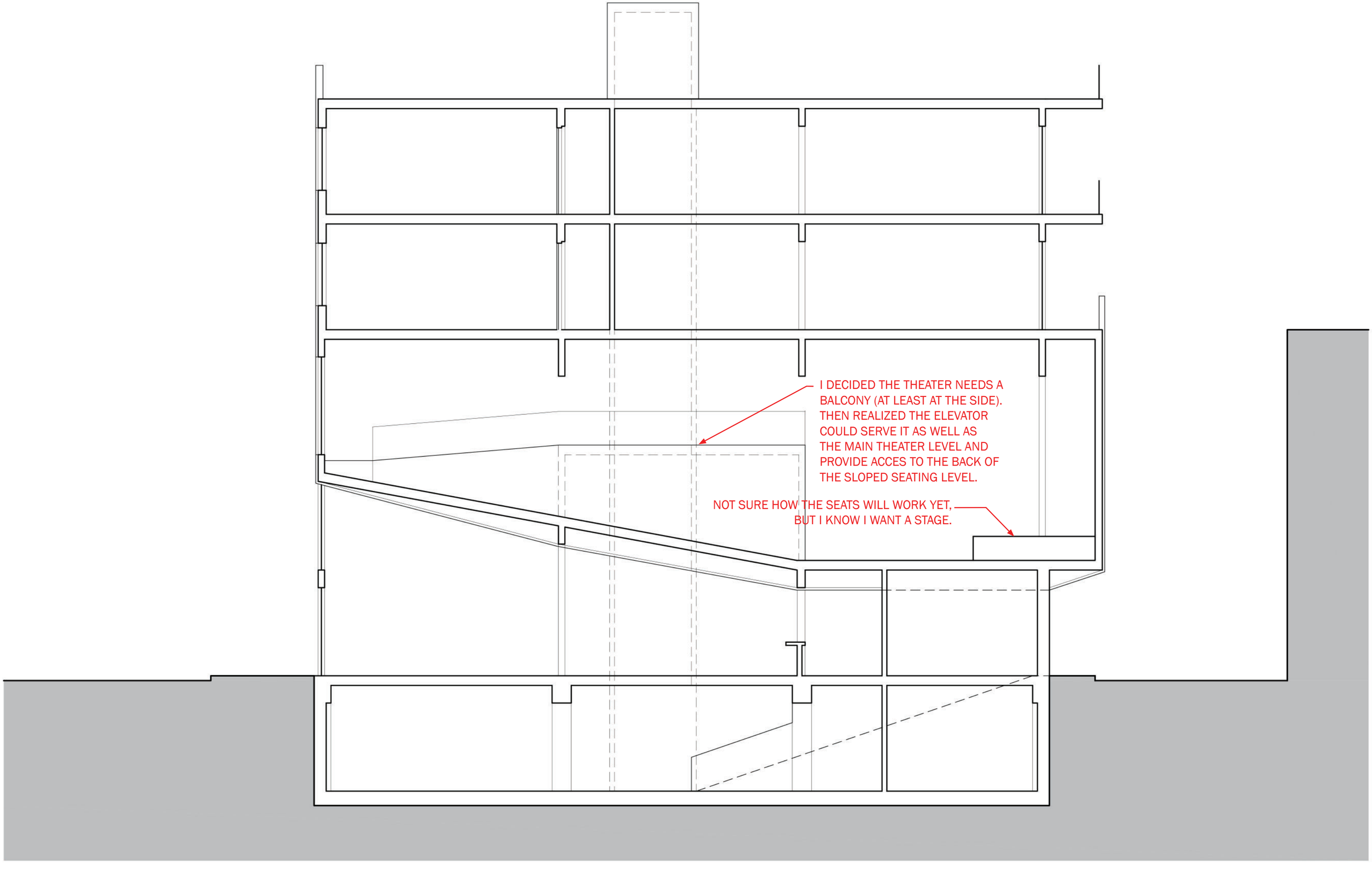
MY BLOCK DIAGRAM DIDN'T REALLY SHOW THE VERTICAL CIRCULATION BUT I WANT TO SHOW HOW IT COULD WORK, ESPECIALLY TO SERVE THE THEATER AND EXTEND UP TO THE ROOF TO SERVE THE URBAN FARM. SO I DECIDED TO DASH IN AN ELEVATOR SHAFT BEYOND. 8' WIDE SEEMED PLENTY BIG.



I MIGHT HAVE SOME ISSUES WITH MY CAR ACCESS, BUT FIGURED I COULD AT LEAST DASH IN A RAMP BEYOND. I COULD HAVE LOOKED UP APPROPRIATE SLOPES ONLINE OR IN GRAPHIC STANDARDS, BUT DECIDED TO ESTIMATE A REASONABLE SLOPE FOR NOW.



I STARTED WITH AN IDEA OF HAVING AN INTERSTING CEILING SURFACE ON THE LOBBY CEILING SO DECIDED TO CONCEAL THE BEAMS WITH IT. THEN WHILE WORKING ON MY MODEL DECIDED TO WRAP THE THEATER WITH IT AND CARRY IT UP TO THE URBAN FARM. SINCE IT WASN'T REALLY SHOWING IN THE SECTION I THOUGH MAYBE I'D NEED TO HIGHLIGHT IT BY MAKING IT ORANGE.


I DECIDED THE THEATER NEEDS A
BALCONY (AT LEAST AT THE SIDE).
THEN REALIZED THE ELEVATOR
COULD SERVE IT AS WELL AS
THE MAIN THEATER LEVEL AND
PROVIDE ACCES TO THE BACK OF
THE SLOPED SEATING LEVEL.
NOT SURE HOW THE SEATS WILL WORK YET,
BUT I KNOW I WANT A STAGE.

THIS ROOF IS EXTRA THICK BECAUSE THE FARM HAS A GREEN ROOF WITH A THICK LAYER OF SOIL

I RAISED THE HEIGHT OF THE PARAPET TO BE 42" ABOVE THE PLANTING SOIL.

FLAT ROOFS ARE USUALLY THICKER THAN FLOORS TO ALLOW FOR INSULATION AND SLOPING THE ROOF MEMBRANE TO A DRAIN. IF YOU REALLY WANT TO CALCULATE IT, THE MINIMUM SLOPE FOR MOST CONDITIONS IS 1/4" OF RISE FOR EACH 12" OF HORIZONTAL RUN (A 1/4" PER FOOT SLOPE). YOU CAN DRAW LINES AT THAT SLOPE TO SEE HOW THICK THE ROOF GETS.

EVENTUALLY THE URBAN FARM WILL NEED BATHROOM(S), STORAGE, MAYBE SOME REAL INTERIOR PROGRAM SPACE. FOR NOW I CAN AT LEAST STRETCH OUT THE ELEVATOR PENTHOUSE TO SUGGEST THIS SPACE IS BEYOND.

A DINING AREA WITH A TRELLIS? SURE.

1T 1/8" SCALE YOU USUALLY DON'T SHOW ANY MATERIALS IN THE SECTION CUT (IT'S JUST TOO SMALL) OR EVEN INTERIOR LINES INSIDE THE CUT PORTION OF THE BUILDING. I FIGURE I'LL KEEP FOR NOW BUT MIGHT HIDE IN THE FINAL VERSION,

YOU USUALLY WOULDN'T SHOW MANY HIDDEN LINES EITHER, BUT I REALLY WANT TO SHOW SOME SUGGESITON OF THE VERTICAL CIRCULATION SO AM KEEPING THEM.

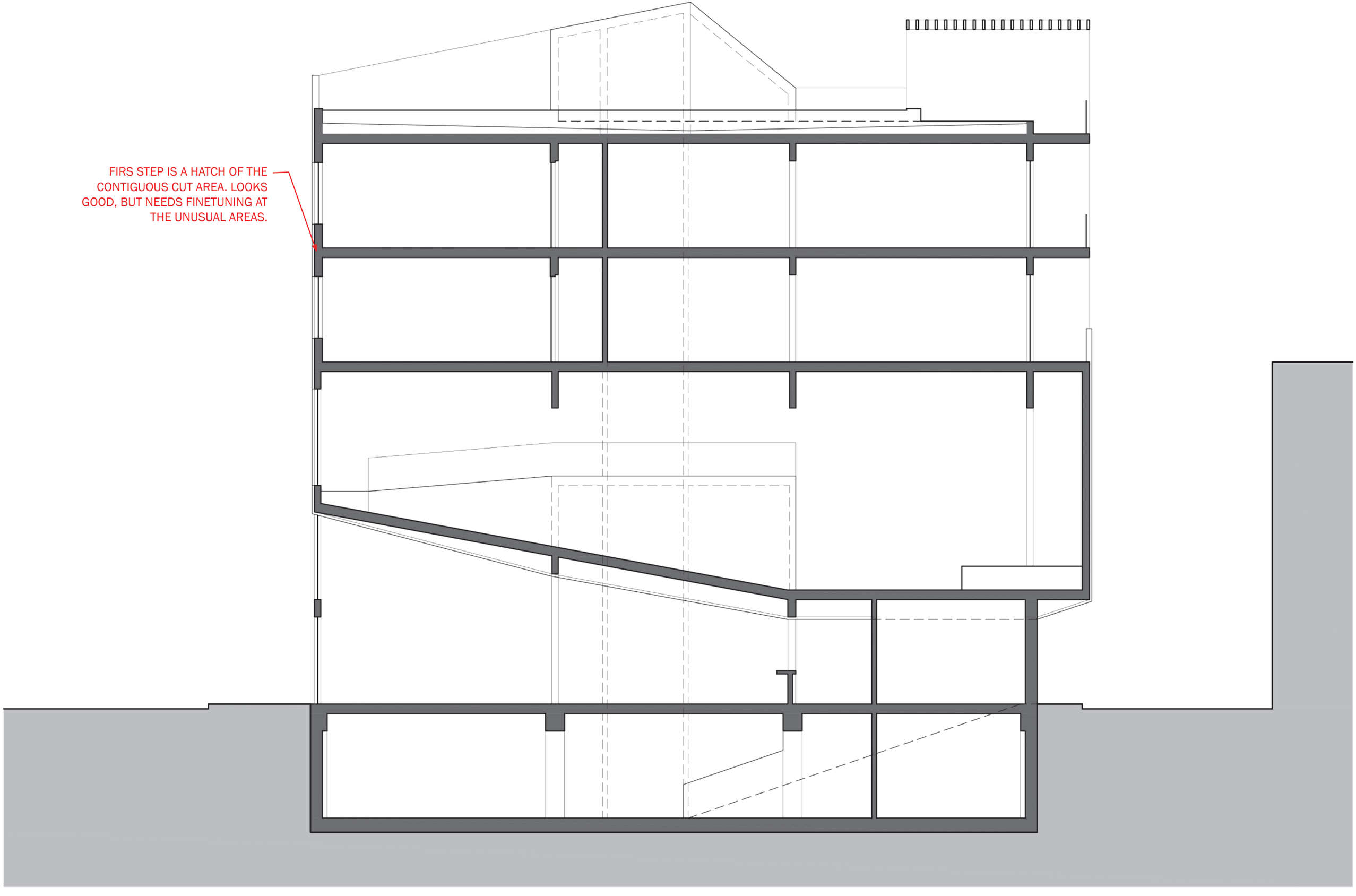
TO CHECK LINEWEIGHTS I TURN OFF POCHE AND OTHER EMBELLISHMENTS. THE FIRST CLEAR READING HAS TO BE THE CUTLINE: IT SHOULD WRAP AROUND ALL OF THE EXTERIOR CUT EDGES OF YOUR BUILDING AS YOUR DARKEST LINE.

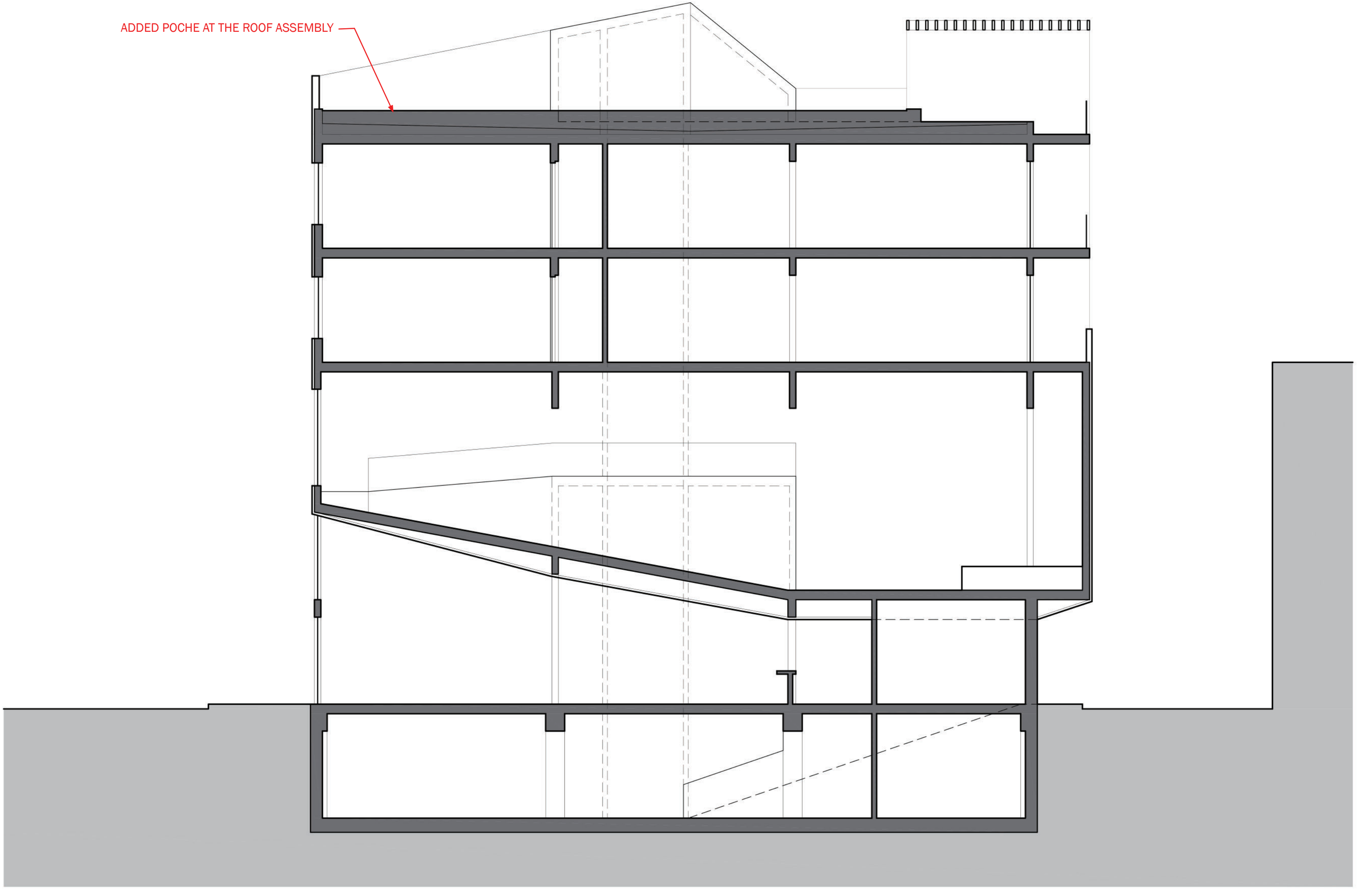
GRADE SHOULD BE AN EQUALLY DARK CUT LINE. (YOU CAN DECIDE TO CONTINUE IT AT CONTEXT BUILDINGS, OR LIGHTEN THEM SLIGHTLY.)

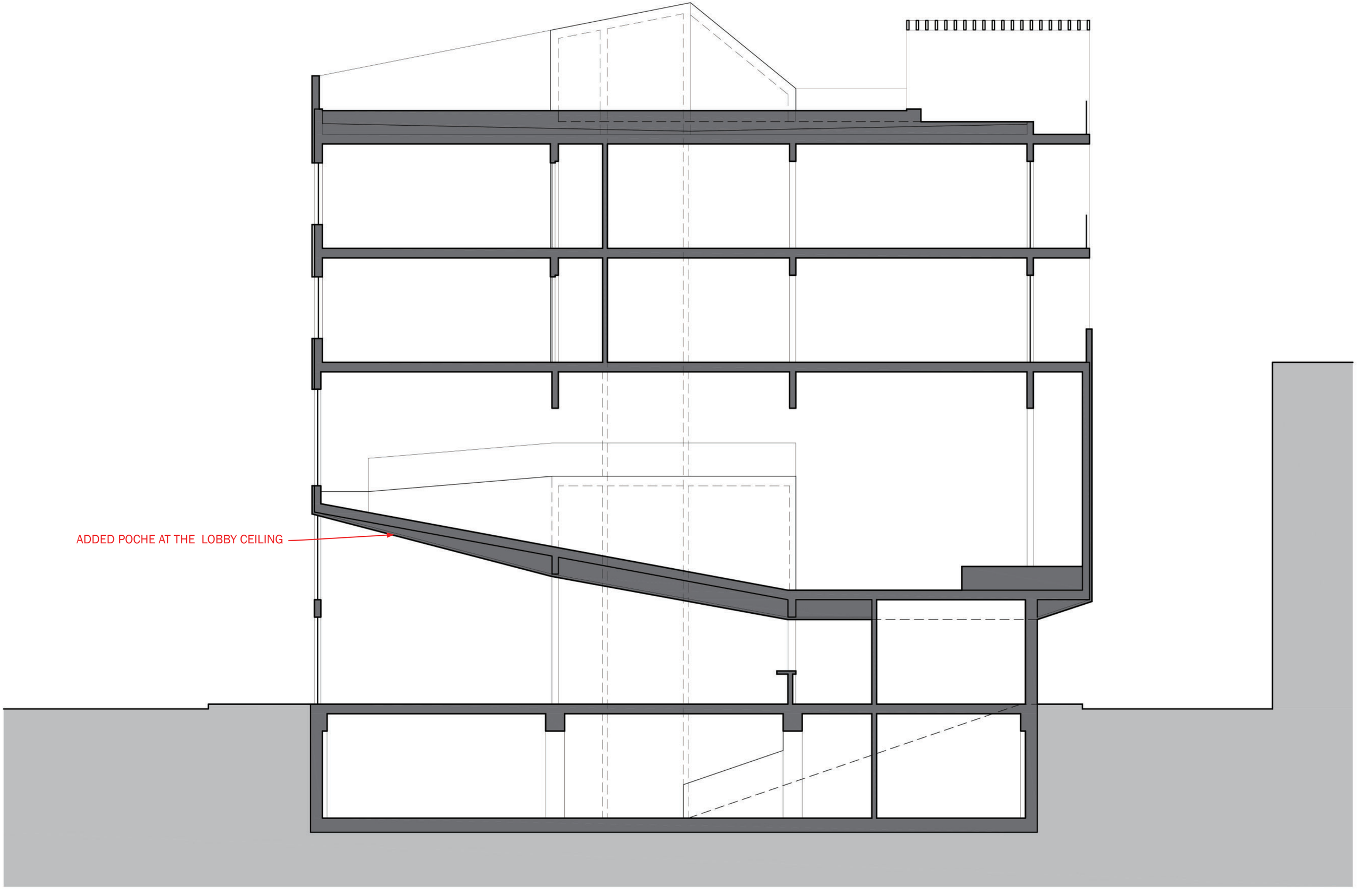
ALSO NOT SURE ABOUT HOW BEST TO SHOW THIS SKIN AND UNDERLYING STRUCTURE, BUT MAYBE THE POCHE WILL HELP RESOLVE

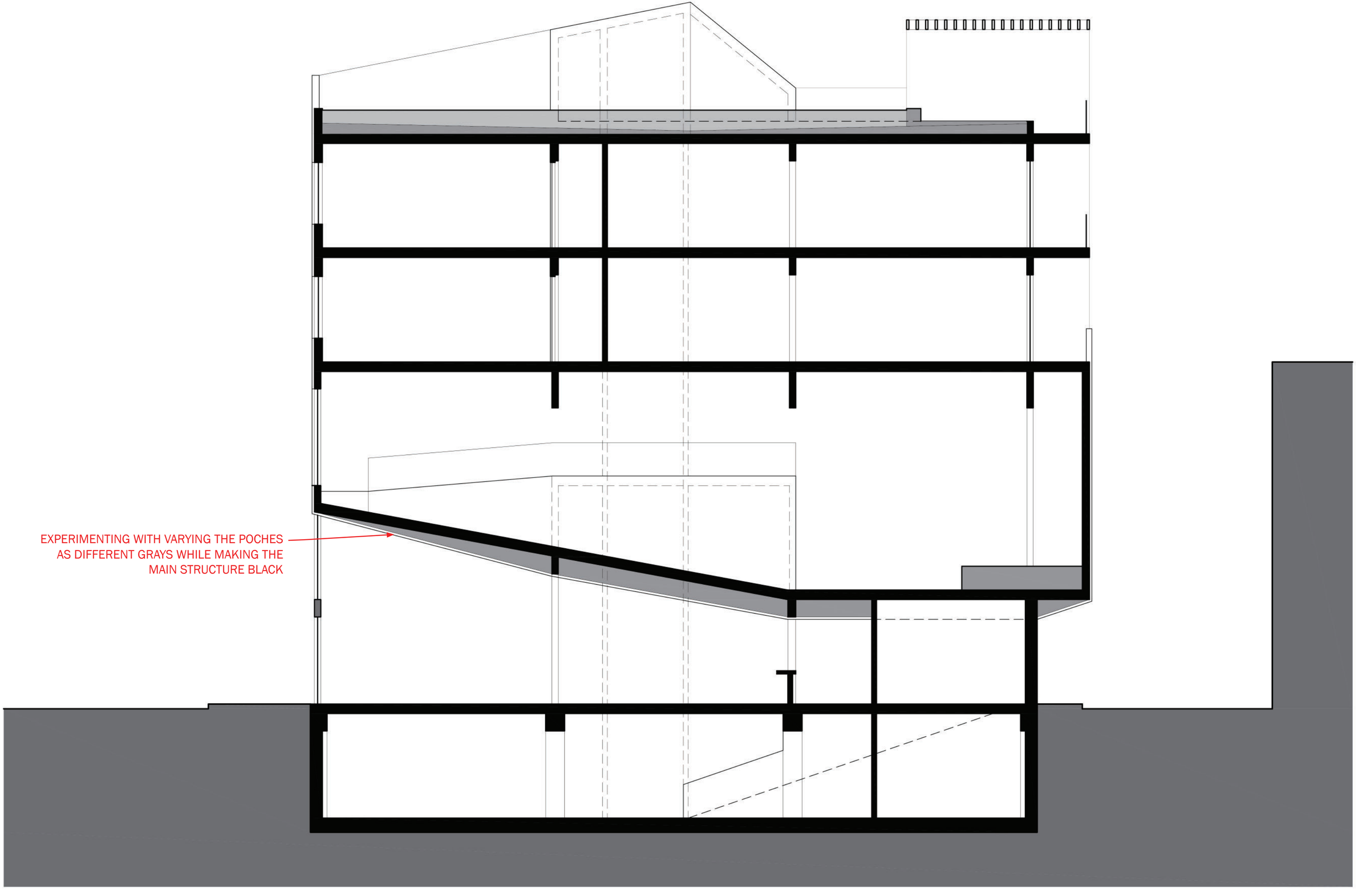
YOU CAN CHOOSE TO LIGHTEN THE CUTLINE SLIGHTLY BELOW GRADE (OR WHEREVER NOT ADJACENT TO "OPEN AIR")

FIRS STEP IS A HATCH OF THE CONTIGUOUS CUT AREA. LOOKS GOOD, BUT NEEDS FINETUNING AT THE UNUSUAL AREAS.




ADDED POCHE AT THE ROOF ASSEMBLY


ADDED POCHE AT THE LOBBY CEILING


EXPERIMENTING WITH VARYING THE POCHES
AS DIFFERENT GRAYS WHILE MAKING THE
MAIN STRUCTURE BLACK

DECIDED THAT FOR NOW I'D RATHER SHOW EVERYTHING AT THE BUILDING AS A BLACK POCHE EXCEPT THE SPECIAL LOBBY CEILING MATERIAL AND THE GREEN ROOF SOIL.

THER'S NO RIGHT ANSWER, YOU CAN FIND GOOD PRECEDENTS THAT USE A RANGE OF APPROACHES. YOU'RE JUST LOOKING FOR CLARITY , SIMPLICITY, AND A DRAWING THAT EXPLAINS THE SPACES