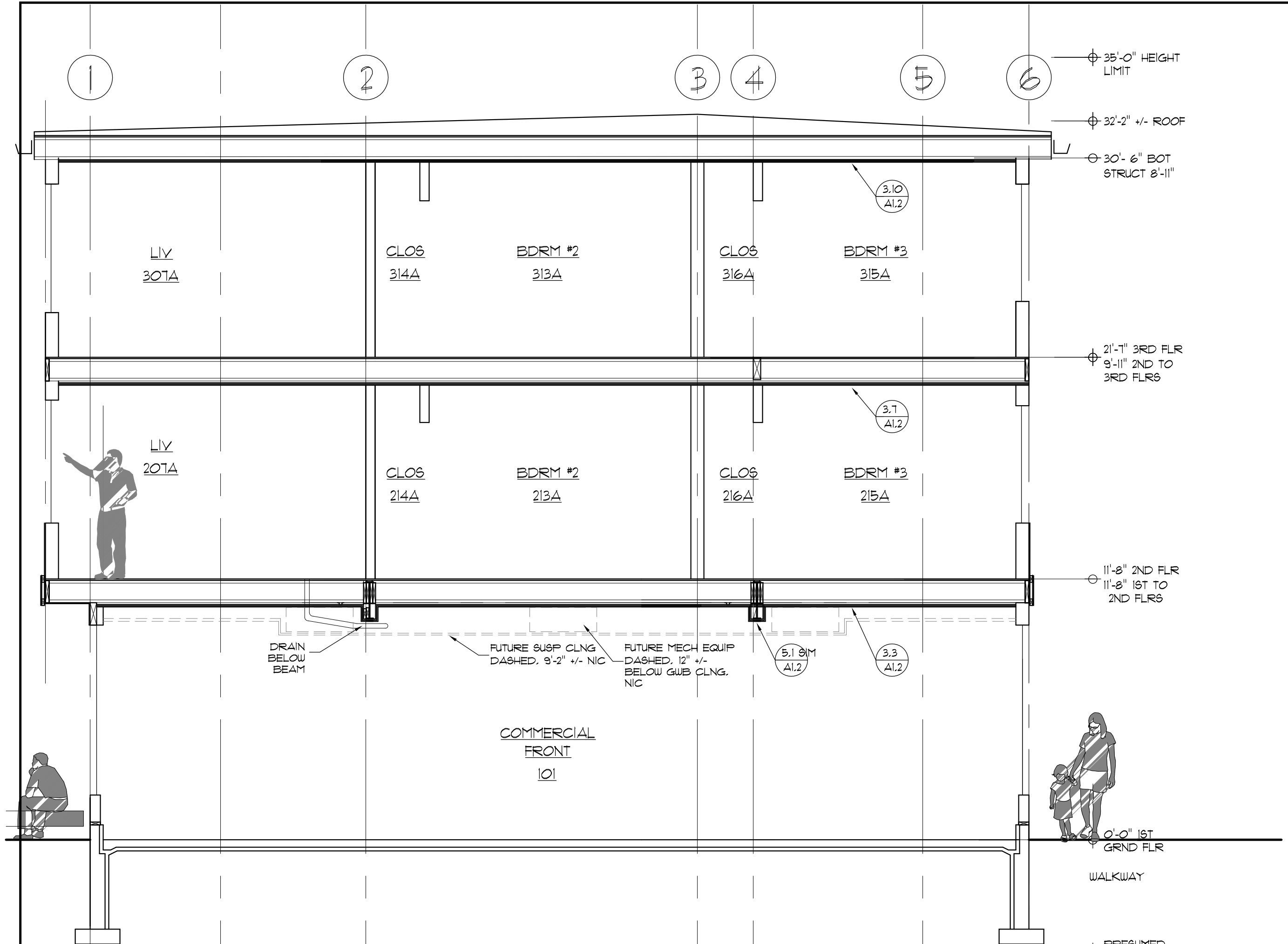


502 DEERING CENTER

NEW MIXED USE

502 STEVENS AVE, PORTLAND ME



1 BLDG SECT BETWN GRIDS I & J  
SCALE = 1/4" = 1'-0"

**TYP THERMAL INSULATION**

EXTERIOR WALLS CAVITIES - R-21 CLOSED CELL SPRAYFOAM FILL ALL VOIDS TO MAKE CONTIGIOUS THERMAL ENVELOPE.

FLOOR OVERHANG CAVITIES @ BAYS, RECESSES & CORNERS - (R-30, R-6.5 X 9.75") CLOSED CELL SPRAYFOAM FILL ALL VOIDS TO PREVENT THERMAL LEAKING THRU EXTERIOR SOFFITS & RIM

ABV. ROOF DECK - R-30 ABOVE ROOF SHEATHING.

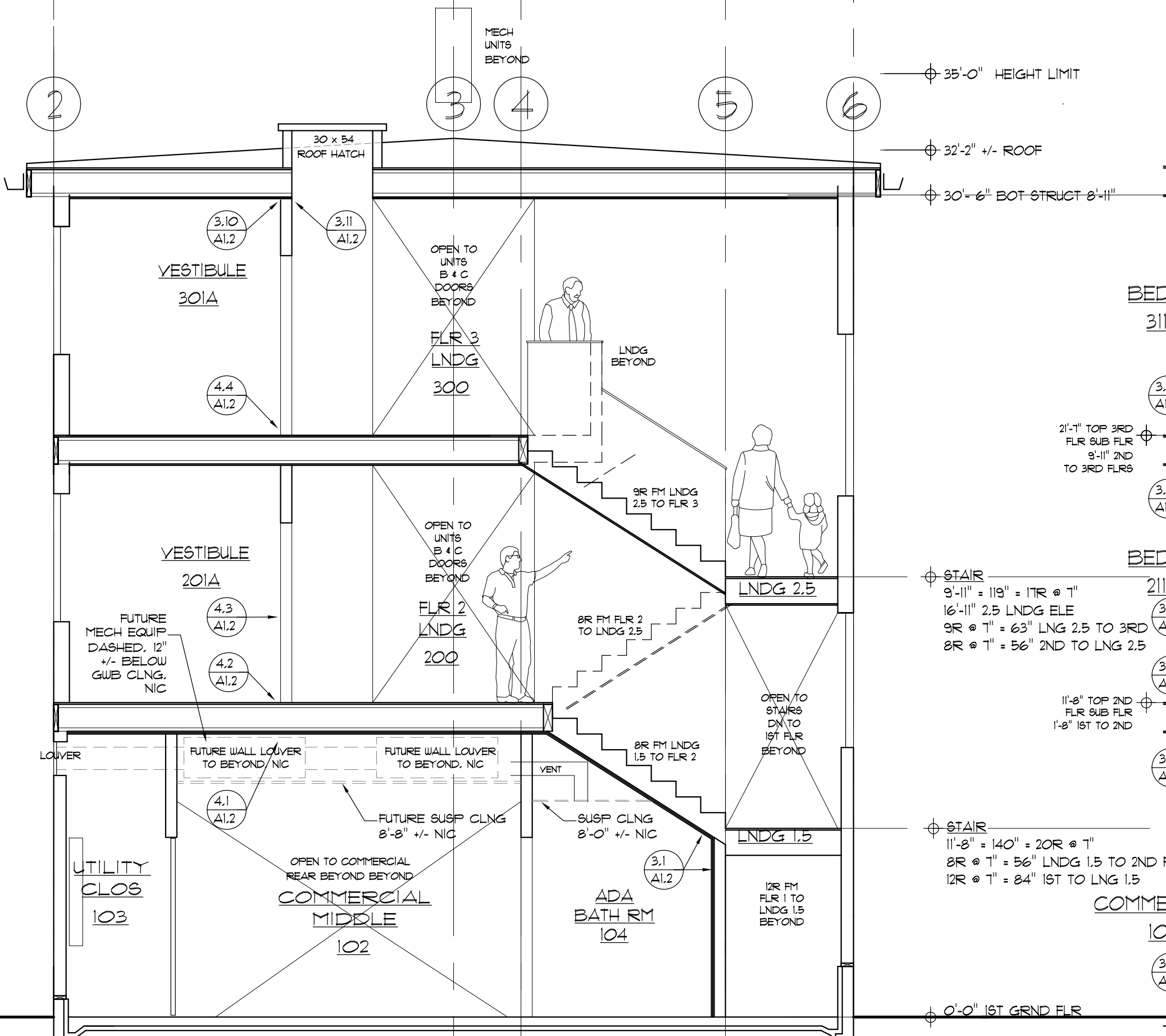
BEFORE INSTALLING MAKE ROOF SHEATHING AIRTIGHT TO PREVENT ESCAPING MOIST AIR FROM REACHING UNDERSIDE OF FOAM BOARD. INSTALL AIR BARRIER IMMEDIATELY ABOVE THE ROOF SHEATHING OR TAPE ROOF SHEATHING SEAMS.

INSTALL AT LEAST TWO LAYERS OF FOAM WITH STAGGERED SEAMS TO IMPROVE AIRTIGHTNESS AND REDUCE HEAT LEAKAGE THROUGH FOAM SEAMS. COMPLETELY OVERLAP TOP PLATES TO MAINTAIN FULL R VALUE OVER WALL.

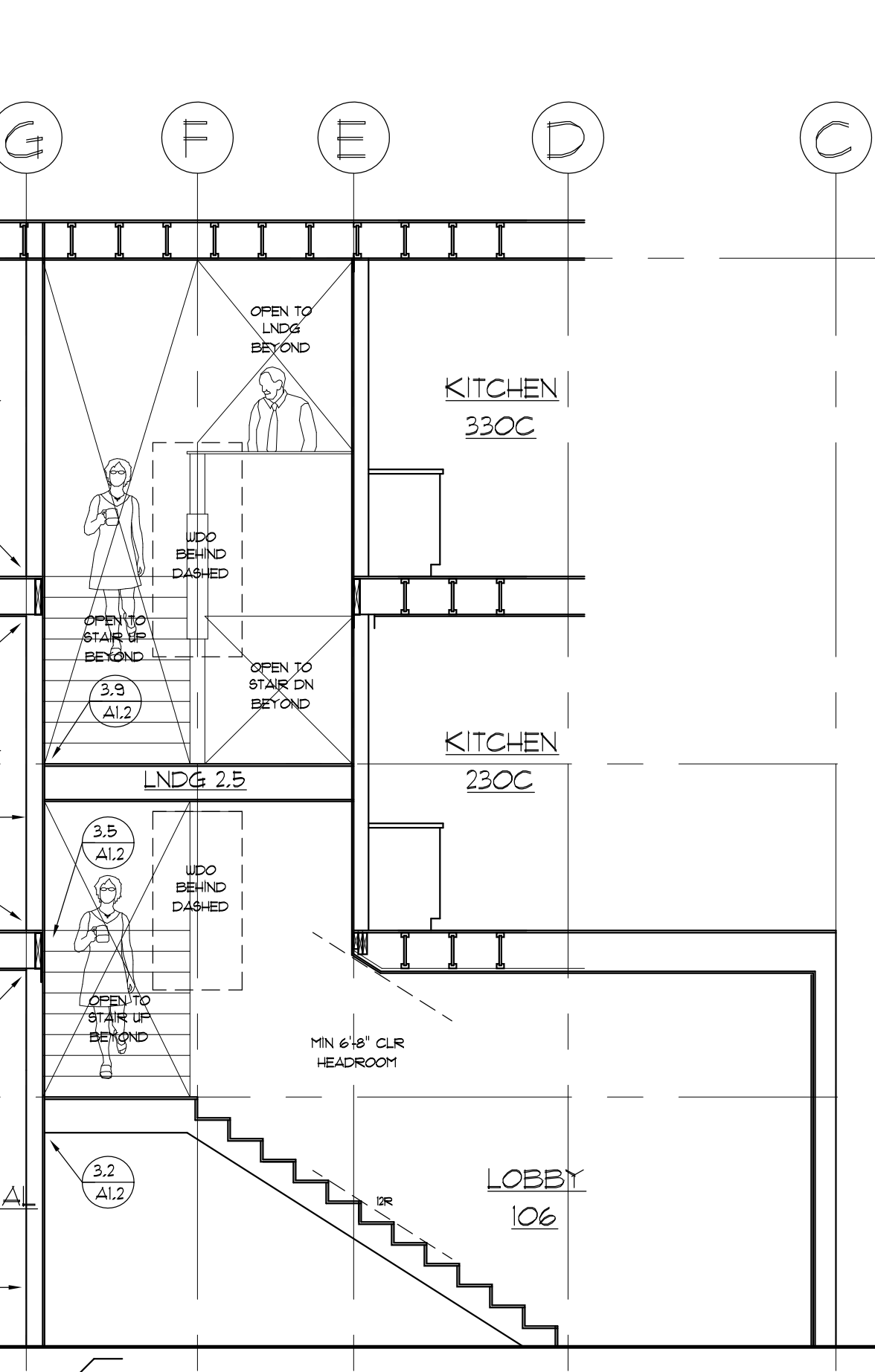
WITHIN ROOF RAFTERS - (R-21) CONTINUE WALL INSULATION MIN 2'-0" PERIMETER BAND TO OVERLAP WALL/ROOF INTERSECTION & PREVENT THERMAL LEAKING.

UNHEATED SLAB ON GRADE - (R10) CONTINUOUS LAYER OF 2" EXTRUDED POLYSTYRENE (XPS BLUE OR PINK) RIGID FOAM UNDER ENTIRE SLAB WITH ALL GAPS AND JOINTS TAPED AND SEALED. (R10) CONTINUOUS LAYER OF 2" RIGID FOAM AT SLAB PERIMETER EDGE AND UP STEM WALL.

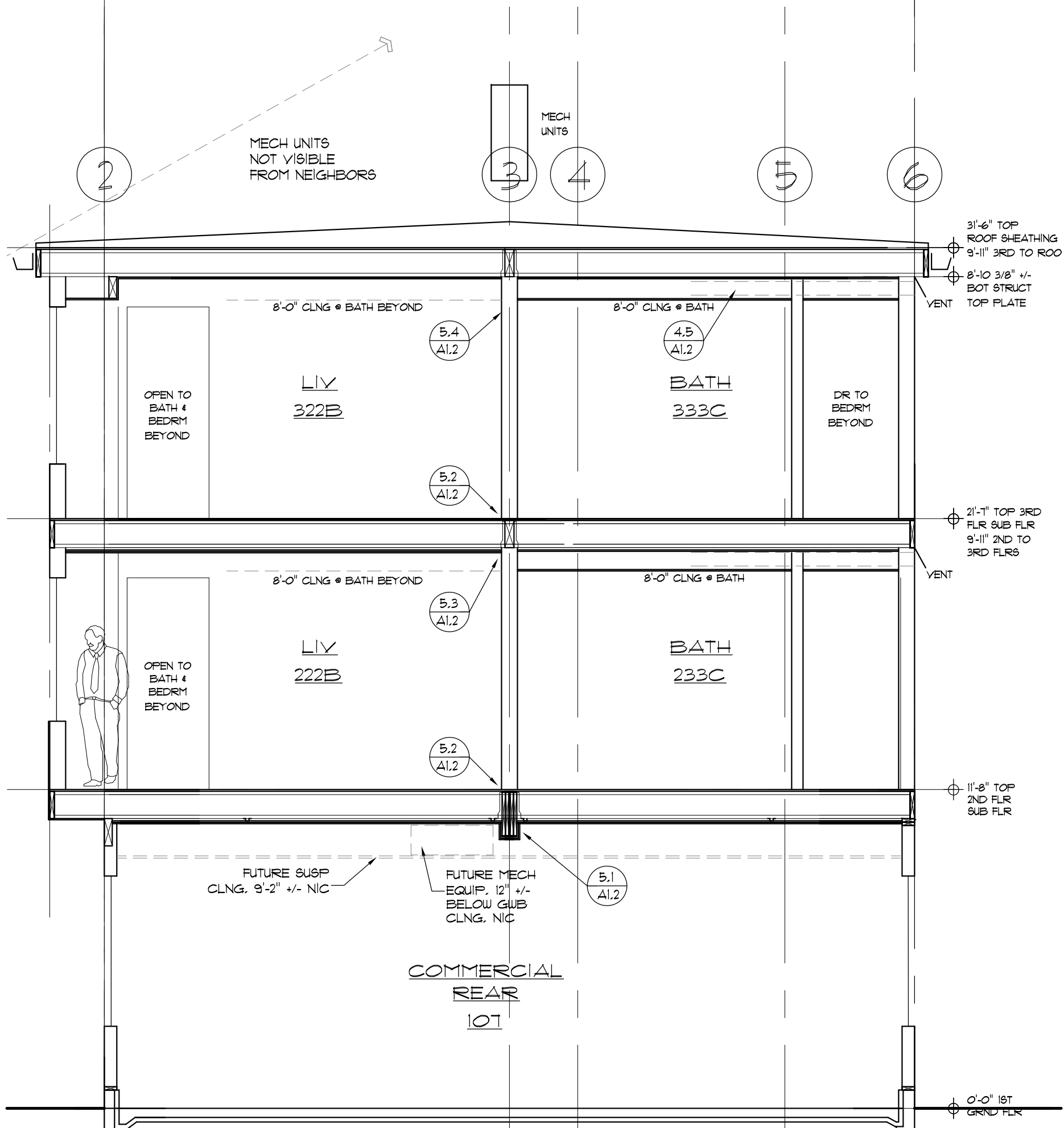
5 TYP THERMAL INSULATION



2 BLDG SECT BETWN GRIDS F & G  
SCALE = 1/4" = 1'-0"



3 PARTIAL SECT BETWN GRIDS 5 & 6  
SCALE = 1/4" = 1'-0"



4 BLDG SECT BETWN GRIDS B & C  
SCALE = 1/4" = 1'-0"

**TITLE:**  
BUILDING SECTIONS

REV	DATE	ISSUE
D		
C	07/10 2017	PLAN REVIEW REVISIONS
B	07/6 2017	CONSTRUCTION
A	06/19 2017	CONSTRUCTION

**DRAWING NO:**  
A3.1