

SECTION OF SHEARWALL ASSEMBLIES

SHEARWALL ASSEMBLY (340 PLF) AS FOLLOWS:
 FRAMING LUMBER: DF SOUTH, HEM-FIR OR SPRUCE-PINE-FIR
 SPECIFIC GRAVITY (0.50>G>0.42)
 7/16" STRUCTURAL SHEATHING (EXTERIOR)
 PANEL EDGE NAILING: Bd COMMON 2-1/2" LONG @ 6" O.C.
 SHEAR CAPACITY FOR ABOVE SHEATHING ASSEMBLY = 240 PLF
 4' x 8' x 1/2" GYPSUM BOARD, 1-1/4" DRYWALL SCREWS
 @ 7" O.C. PANEL EDGE FASTENING.
 SHEAR CAPACITY FOR ABOVE GYPSUM ASSEMBLY = 100 PLF
 COMBINED SHEAR CAPACITY = 240 + 100 = 340 PLF

TYPE 2 SHEARWALL ASSEMBLY (450 PLF) AS FOLLOWS:
 FRAMING LUMBER: DF SOUTH, HEM-FIR OR SPRUCE-PINE-FIR
 SPECIFIC GRAVITY (0.50>G>0.42)
 7/16" STRUCTURAL SHEATHING (EXTERIOR)
 PANEL EDGE NAILING: Bd COMMON 2-1/2" LONG @ 4" O.C.
 SHEAR CAPACITY FOR ABOVE SHEATHING ASSEMBLY = 350 PLF
 4' x 8' x 1/2" GYPSUM BOARD, 1-1/4" DRYWALL SCREWS
 @ 7" O.C. PANEL EDGE FASTENING.
 SHEAR CAPACITY FOR ABOVE GYPSUM ASSEMBLY = 100 PLF
 COMBINED SHEAR CAPACITY = 350 + 100 = 450 PLF

TYPE 3 SHEARWALL ASSEMBLY (605 PLF) AS FOLLOWS:
 FRAMING LUMBER: DF SOUTH, HEM-FIR OR SPRUCE-PINE-FIR
 SPECIFIC GRAVITY (0.50>G>0.42)
 7/16" STRUCTURAL 1 (ZIP BOARD) SHEATHING (EXTERIOR)
 PANEL EDGE NAILING: Bd COMMON 2-1/2" LONG @ 3" O.C.
 SHEAR CAPACITY FOR ABOVE SHEATHING ASSEMBLY = 505 PLF
 4' x 8' x 1/2" GYPSUM BOARD, 1-1/4" DRYWALL SCREWS
 @ 7" O.C. PANEL EDGE FASTENING.
 SHEAR CAPACITY FOR ABOVE GYPSUM ASSEMBLY = 100 PLF
 COMBINED SHEAR CAPACITY = 505 + 100 = 605 PLF

TYPE 4 SHEARWALL ASSEMBLY (770 PLF) AS FOLLOWS:
 FRAMING LUMBER: DF SOUTH, HEM-FIR OR SPRUCE-PINE-FIR
 SPECIFIC GRAVITY (0.50>G>0.42)
 7/16" STRUCTURAL 1 (ZIP BOARD) SHEATHING (EXTERIOR)
 PANEL EDGE NAILING: Bd COMMON 2-1/2" LONG @ 2" O.C. (STAGGERED)
 SHEAR CAPACITY FOR ABOVE SHEATHING ASSEMBLY = 670 PLF
 4' x 8' x 1/2" GYPSUM BOARD, 1-1/4" DRYWALL SCREWS
 @ 7" O.C. PANEL EDGE FASTENING.
 SHEAR CAPACITY FOR ABOVE GYPSUM ASSEMBLY = 100 PLF
 COMBINED SHEAR CAPACITY = 670 + 100 = 770 PLF

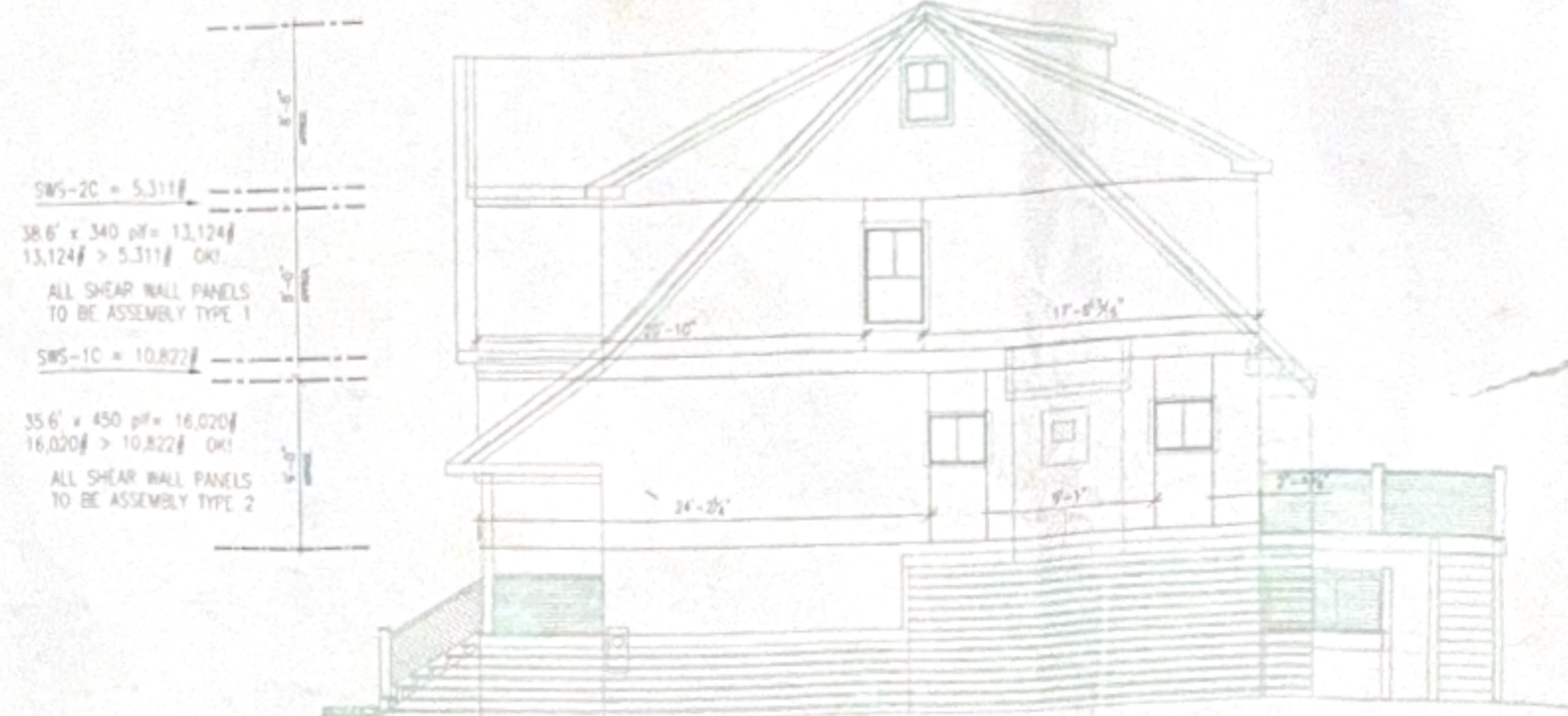
BUILDING HEIGHT
 ROOF ANGLE
 BASIC WIND SPEED - (Coastal)
 CATEGORY OF TERRAIN
 EXPOSURE CATEGORY
 DESIGN WIND PRESSURE = (26)

LOOKUP	P300 (psf)	F _s
ZONE A	21.00	1.00
ZONE B	14.80	1.00
ZONE C	17.20	1.00
ZONE D	11.80	1.00
ZONE E	1.70	1.00
ZONE F	-13.10	1.00
ZONE G	0.60	1.00
ZONE H	-11.30	1.00
Ech	-7.60	1.00
Gch	-8.70	1.00

USE SHEARWALL ASSEMBLY DESCRIPTIONS TO CONSTRUCT THE EXTERIOR WALLS WITH THE SHEATHING AND NAILING TO ACHIEVE THE REQUIRED ALLOWABLE SHEARWALL LOADS.



FRONT ELEVATION



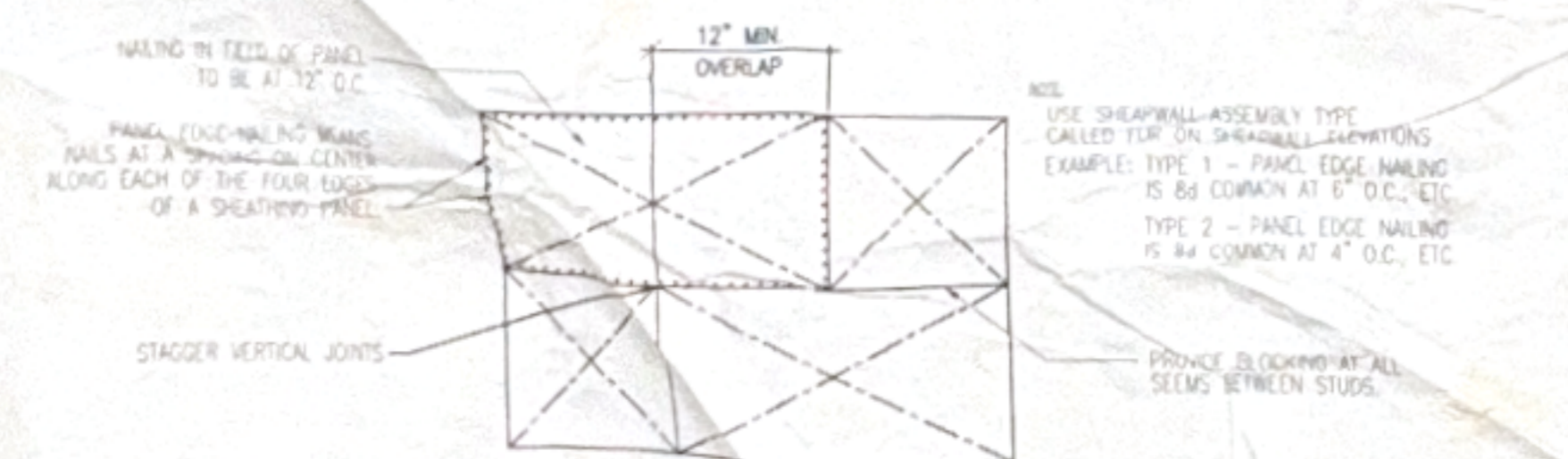
RIGHT SIDE ELEVATION



REAR ELEVATION



LEFT SIDE ELEVATION



NAILING PATTERNS FOR BRACEWALL & ROOF SHEATHING

SCALE: N.T.S.

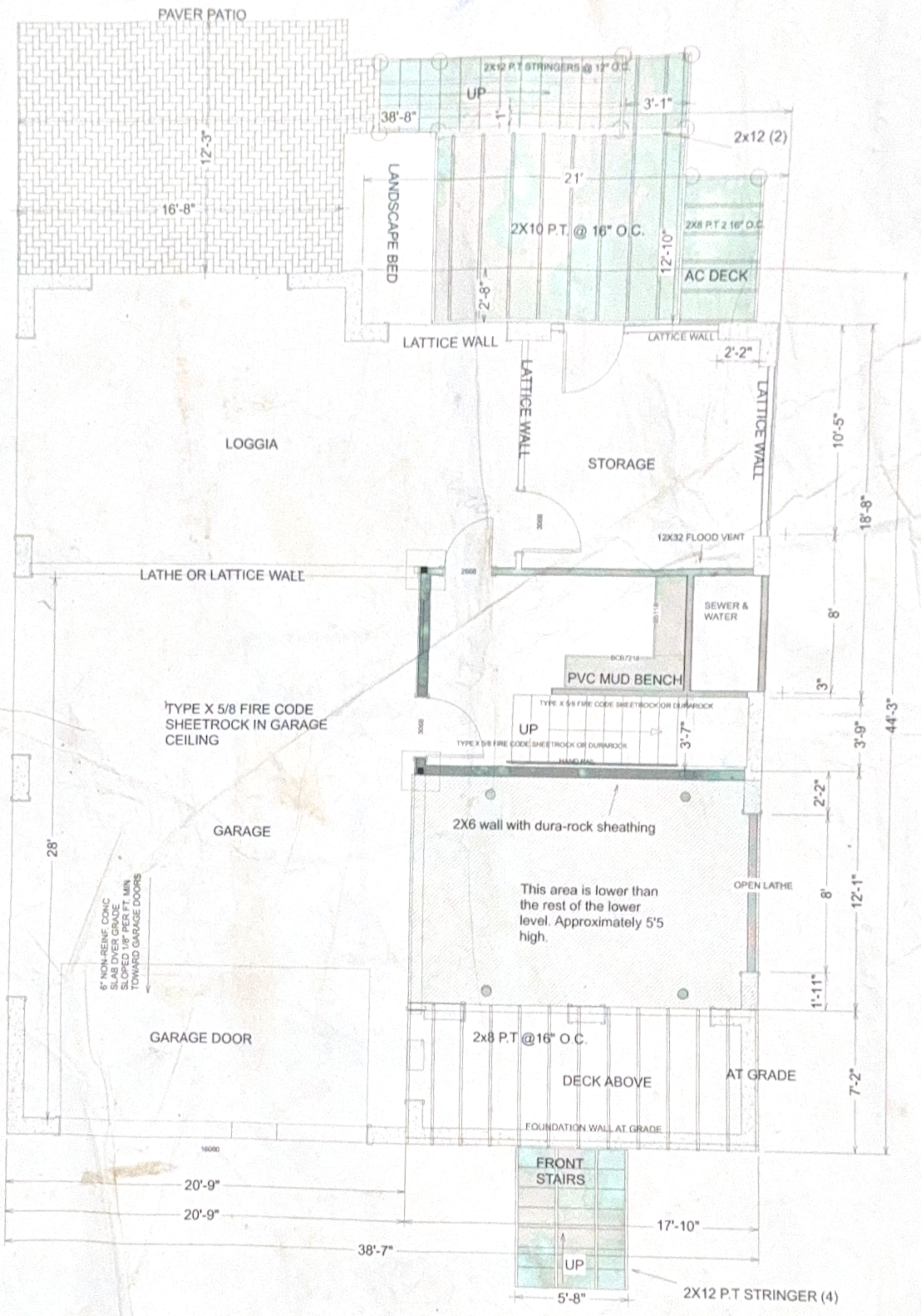
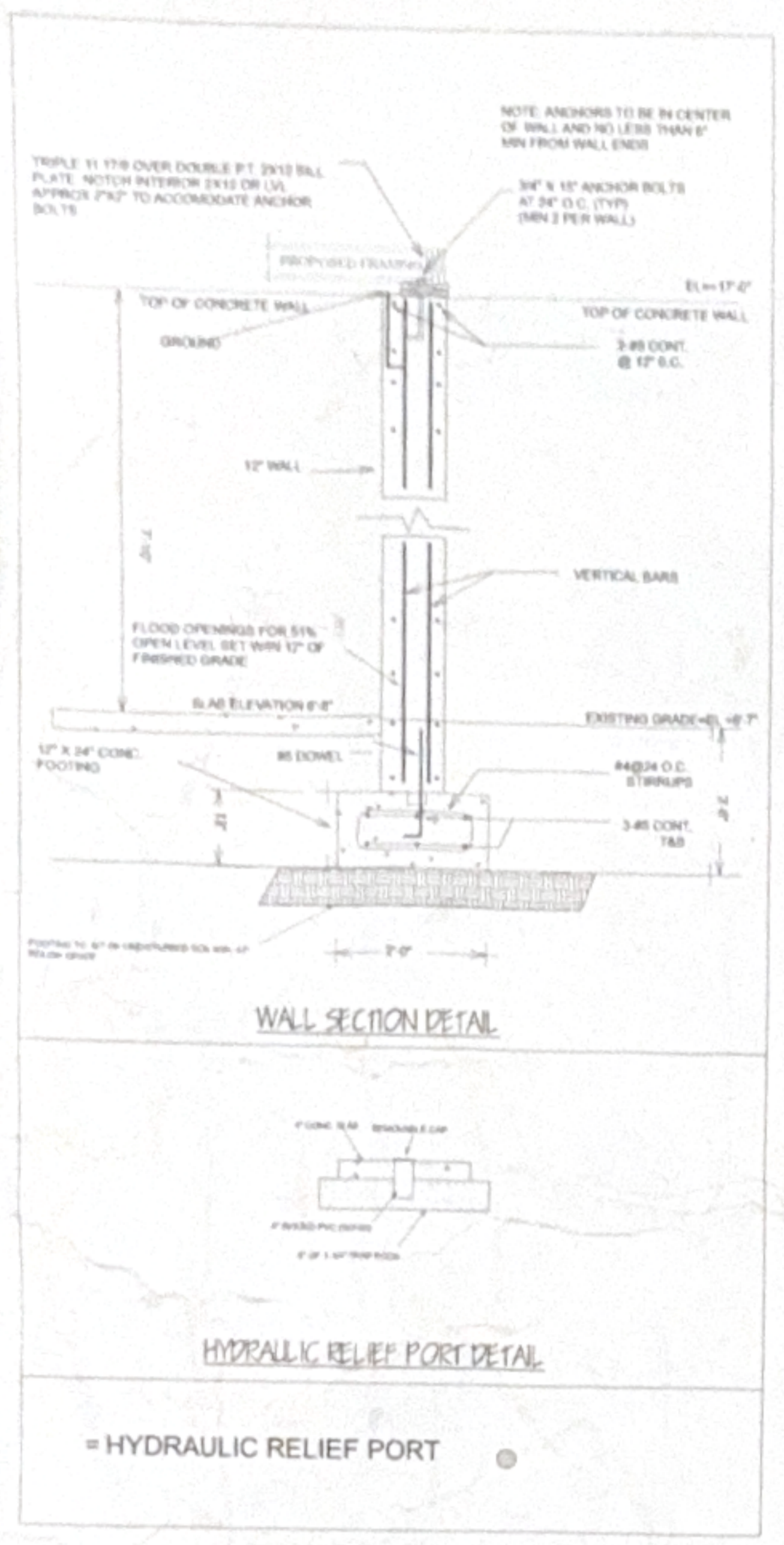


HIGH WIND NAILING PATTERN FOR ROOF SHINGLES

SCALE: N.T.S.

PERFORATED BRACE WALL DETAIL

SCALE: 1/8" = 1'-0"

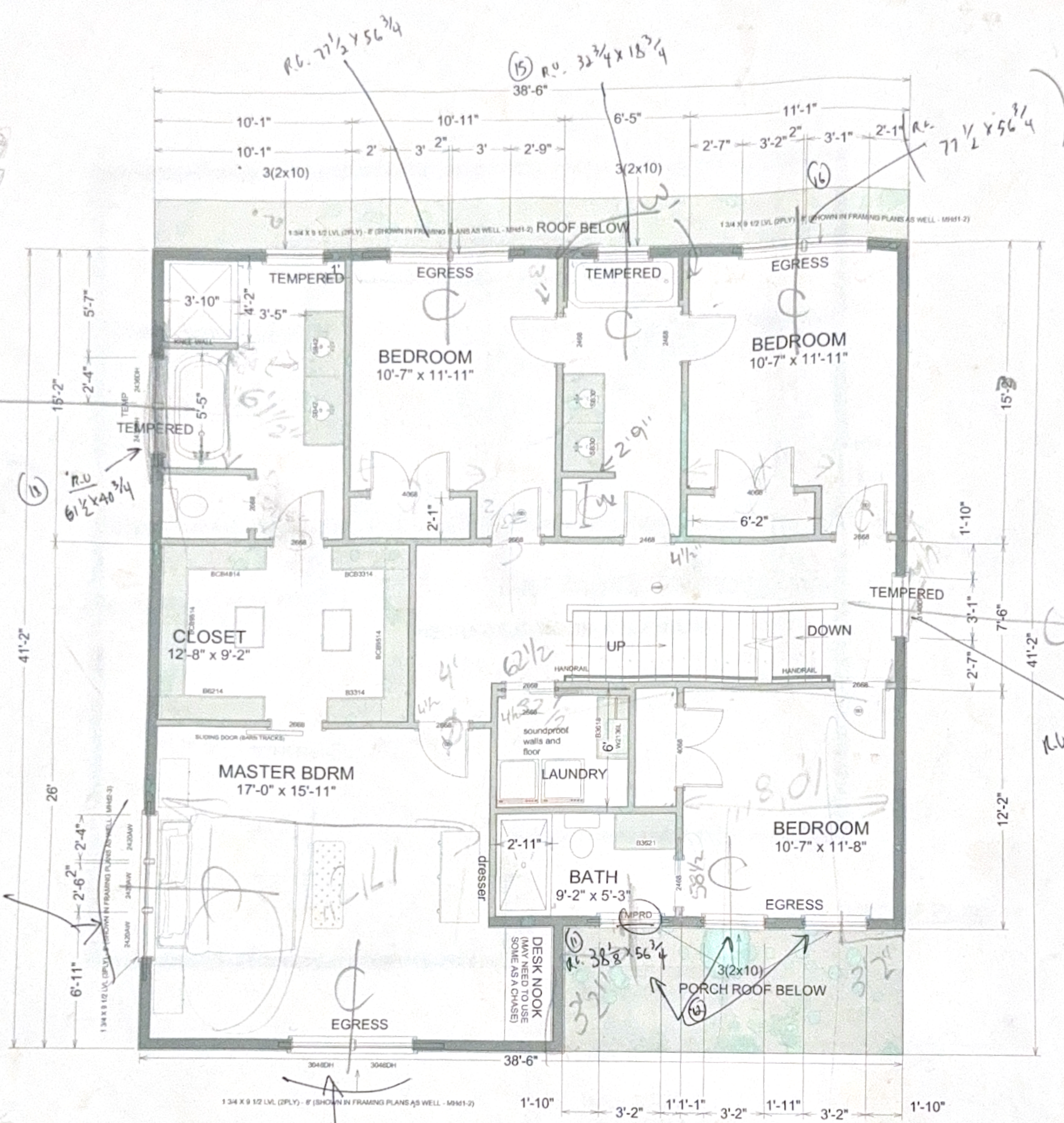


ED FOUNDATION PLAN -
3 MILLARD STREET

65 para above

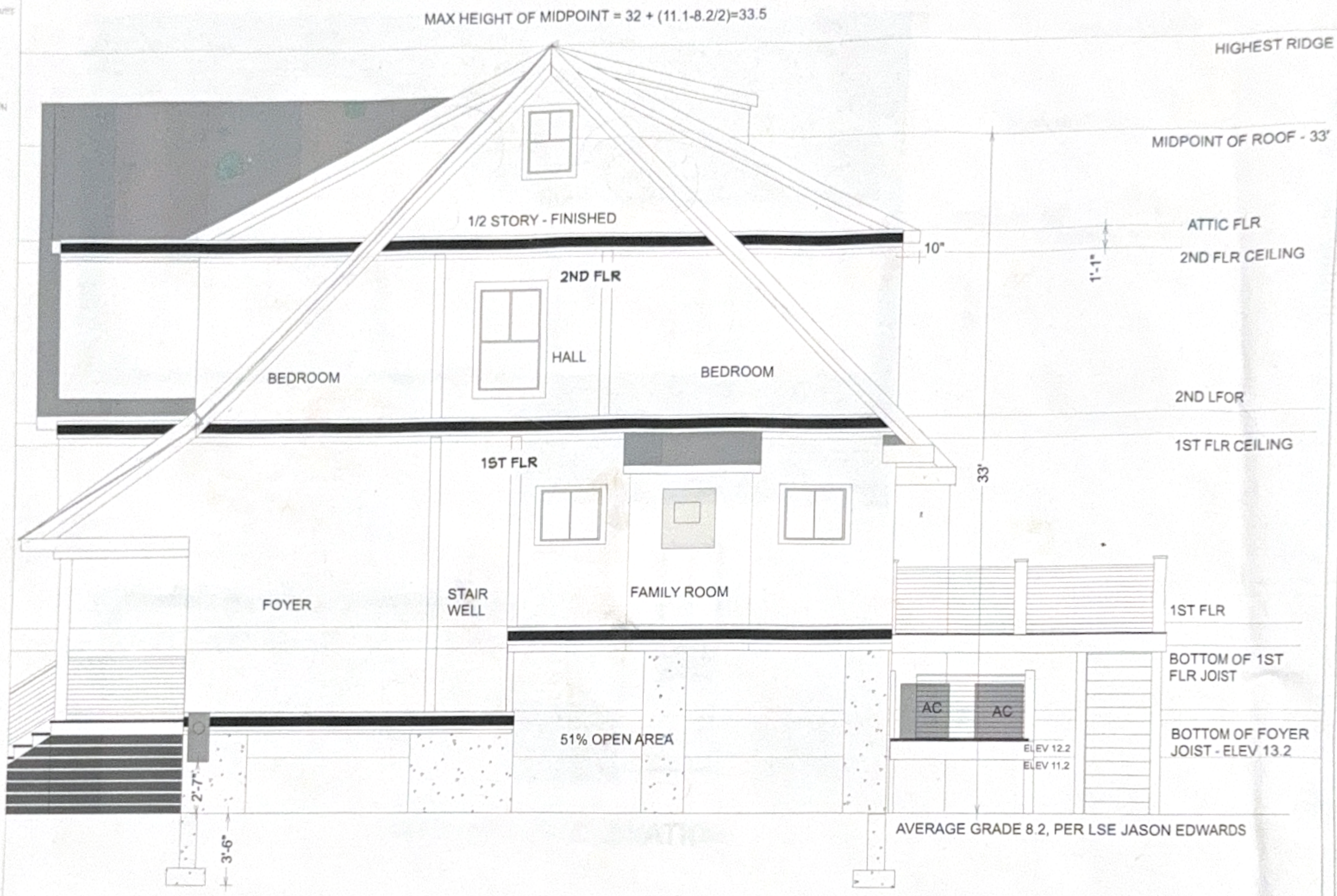
(9) RO 38 3/4 x 24 3/4

Doors + 2 1/2



PROPOSED 2ND FLR - 48 MILLARD STREET

1/2" GYP WOOD
 SUSPENSION STRAPPING TO BE RAISED TO 2" (EACH WAY)
 ICE & WATER SHIELD AT ALL TOPS OF ROOF AND ALL VALLEYS
 INSULATION
 1/2" GYP
 COMPLETION - NOT SHOWN
 1/2" GYP
 CEILING FINISHES TO BE WEATHER
 1/2" GYP
 TRAP VAPOR BARRIER OR 2" SYSTEM
 1/2" GYP
 2x10 SILL
 SEE P. FOUNDATION PLAN FOR FURTHER FOUNDATION ANCHORING, NAIL, REBAR, PER. OR OTHER DETAILS
 GARAGE LEVEL IS TO OPEN PER BASED DESIGN
 12" CONC WALL
 34" CONC FOOTING



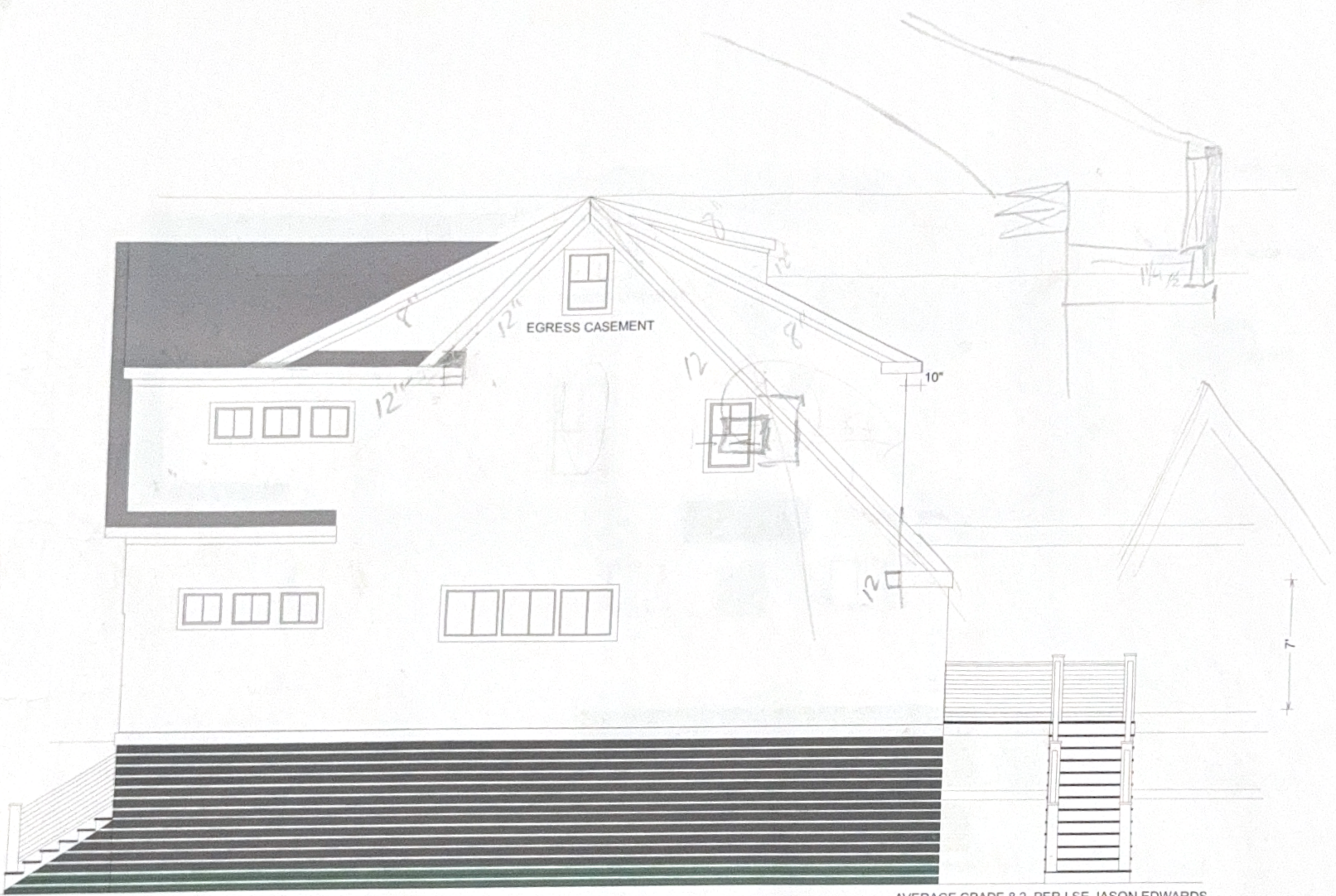
PROPOSED & TYP. CROSS SECTION

MAX HEIGHT OF MIDPOINT = $32 + (11.1 - 8.2/2) = 33.5$



EAST/ FRONT ELEVATION

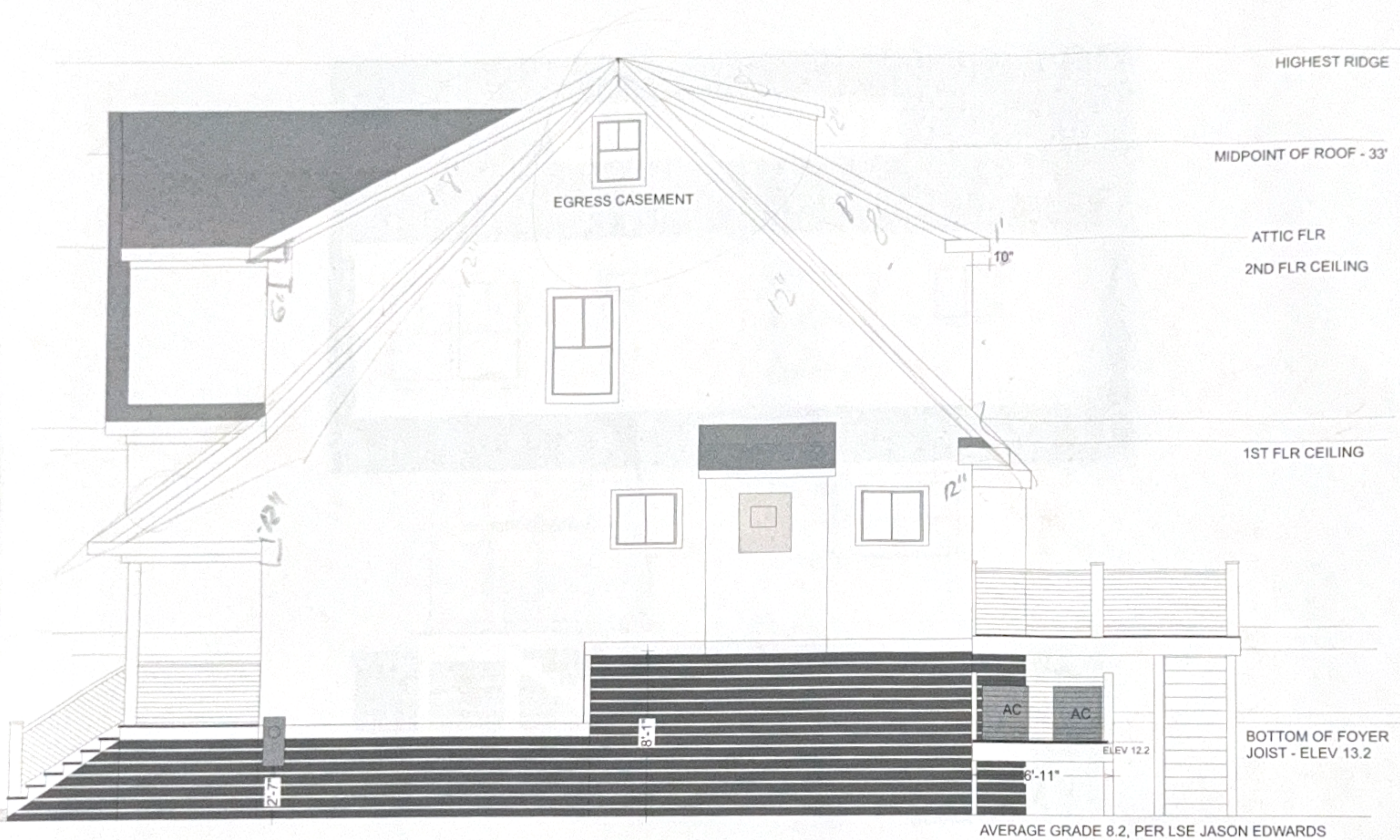
PROPOSED FRONT/ EAST ELEVATION - 48 MILLARD



AVERAGE GRADE 8.2, PER LSE JASON EDWARDS

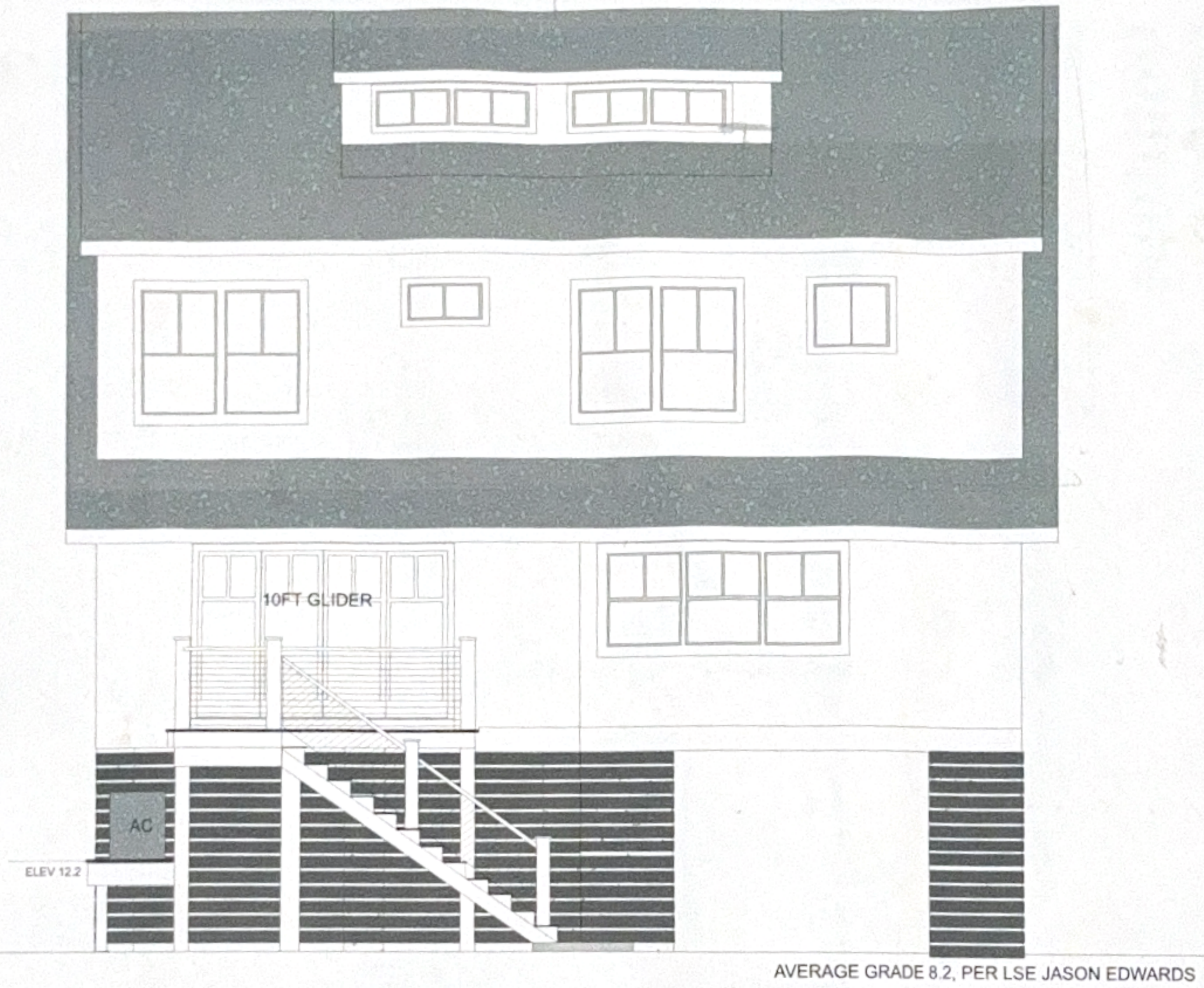
SOUTH/LEFT ELEVATION

PROPOSED SOUTH/LEFT ELEVATION - 48 MILLARD



NORTH/RIGHT ELEVATION

PROPOSED NORTH/ RIGHT ELEVATION - 48 MILLARD



REAR/WEST ELEVATION

PROPOSED REAR/WEST ELEVATION - 48 MILLARD