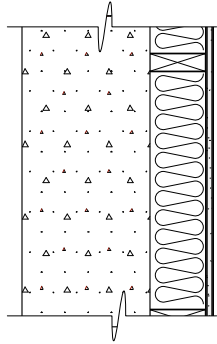


TYPICAL ENVELOPE ASSEMBLIES

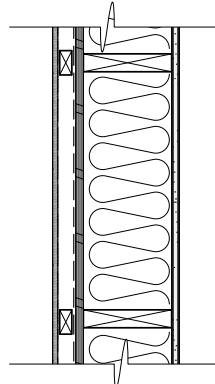
R1 ROOF ASSEMBLY

- WOOD DECKING
- TAPERED FURRING/ PT SLEEPERS (PARTIAL)
- PROTECTION PAD (PARTIAL)
- LOW SLOPE WATERPROOF MEMBRANE 1/4" / FT MIN.
- DENSE BOARD 1/2" DENSDECK OR 1/2" ACX PLYWD. (VERIFY)
- TAPERED RIGID INSULATION
- CDX STRUCTURAL PLYWOOD (SEE STRUCT)
- SPRAY FOAM INSULATION, NO VOIDS, R-38 MIN.
- JOISTS PER STRUCTURAL
- 1/2" GWB, PAINT, VAPOR BARRIER



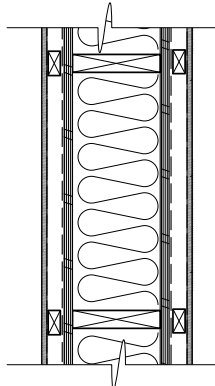
R2 ROOF ASSEMBLY

- LOW SLOPE WATERPROOF MEMBRANE 1/4" / FT MIN.
- TRAFFIC RATED COATING AT BALCONY/ PORCHES
- DENSE BOARD 1/2" DENSDECK OR 1/2" ACX PLYWD. (VERIFY)
- TAPERED RIGID INSULATION OVER COND. SPACE
- CDX STRUCTURAL PLYWOOD (SEE STRUCT)
- SPRAY FOAM INSULATION, NO VOIDS, R-38 MIN. (OVER COND. SPACE)
- JOISTS PER STRUCTURAL
- 1/2" GWB, PAINT, VAPOR BARRIER (INT)
- 5/8" EXT GRADE GWB OR WD SOFFIT BOARD (EXT)



R3 ROOF ASSEMBLY

- METAL ROOFING, FACTORY FINISHED GALV. 24 GA
- ICE AND WATER SHIELD WATER RESISTANT BARRIER
- CDX STRUCTURAL PLYWOOD (SEE STRUCT)
- SPRAY FOAM INSULATION, NO VOIDS, R-38 MIN.
- TRUSSES, VAULTED CEILING (SEE STRUCT)
- 1/2" GWB, PAINT, VAPOR BARRIER



W1 WALL ASSEMBLY

- CONCRETE WALL PER STRUCT
- BELOW GRADE: WATERPROOFING, PROTECTION BD, AND GRAVEL TO FOOTING DRAIN
- AIR SPACE AT INTERIOR
- 2 X 6 STUD FURRING @ 16" O.C.
- R-21 INSULATION
- 1/2" GWB, PAINT

W2 WALL ASSEMBLY

TYPICAL EXTERIOR U.N.O.

- CEMENTITIOUS PANEL OR LAP SIDING
- RAINSCREEN BATTENS 3/4" X 1-1/2"
- UNDERLAYMENT/ 30# BLDG PAPER / W.R.B.
- 1/2" PLYWOOD - SEE STRUCTURAL NOTES
- 2 X 6 STUDS @ 16" O.C.
- R-21 BATT INSULATION / RIGID INSULATION AT HEADERS
- 1/2" GWB, PAINT

W3 WALL ASSEMBLY PARAPET

- CEMENTITIOUS LAP SIDING
- RAINSCREEN BATTENS 3/4" X 1-1/2"
- UNDERLAYMENT/ 30# BLDG PAPER / W.R.B.
- 1/2" PLYWOOD - SEE STRUCTURAL NOTES
- 2 X 6 STUDS @ 16" O.C.
- 1/2" PLYWOOD - SEE STRUCTURAL NOTES
- UNDERLAYMENT/ 30# BLDG PAPER / W.R.B.
- RAINSCREEN BATTENS 3/4" X 1-1/2"
- CEMENTITIOUS PANEL SIDING

W3 WALL ASSEMBLY

1 HR UNIT OCCUP. SEPARATION

- 5/8" GWB, PAINT
- SOUND INSULATION
- 2 X 4 STUDS @ 16" O.C.
- 1/2" PLYWOOD - SEE STRUCTURAL NOTES
- 5/8" DENSGLASS GWB
- 1" SPACE
- 5/8" DENSGLASS GWB
- 1/2" PLYWOOD - SEE STRUCTURAL NOTES
- 2 X 4 STUDS @ 16" O.C.
- SOUND INSULATION
- 5/8" GWB, PAINT

W4 WALL ASSEMBLY

1 HR OCCUPANCY SEPARATION

- 5/8" GWB, PAINT
- 2 X 6 STUDS @ 16" O.C.
- R21 BATT INSUL
- 5/8" GWB, PAINT

W5 WALL ASSEMBLY

TYPICAL INTERIOR U.N.O.

- 1/2" GWB, PAINT
- 2 X 4 STUDS @ 16" O.C.
- 1/2" GWB, PAINT

F1 FLOOR ASSEMBLY:

- FIN. FLR (TILE TBD) AT HEATED SPACE
- 4" SLAB ON GRADE
- INSULATION RIGID HIGH DENSITY. CONC. CONTACT FOAM (R-15) (AT HEATED SPACE)
- MEMBRANE/ VAPOR BARRIER
- 2" MIN GRAVEL CAPILLARY BREAK
- FILL (PER STRUCT.) OR NATIVE SOIL

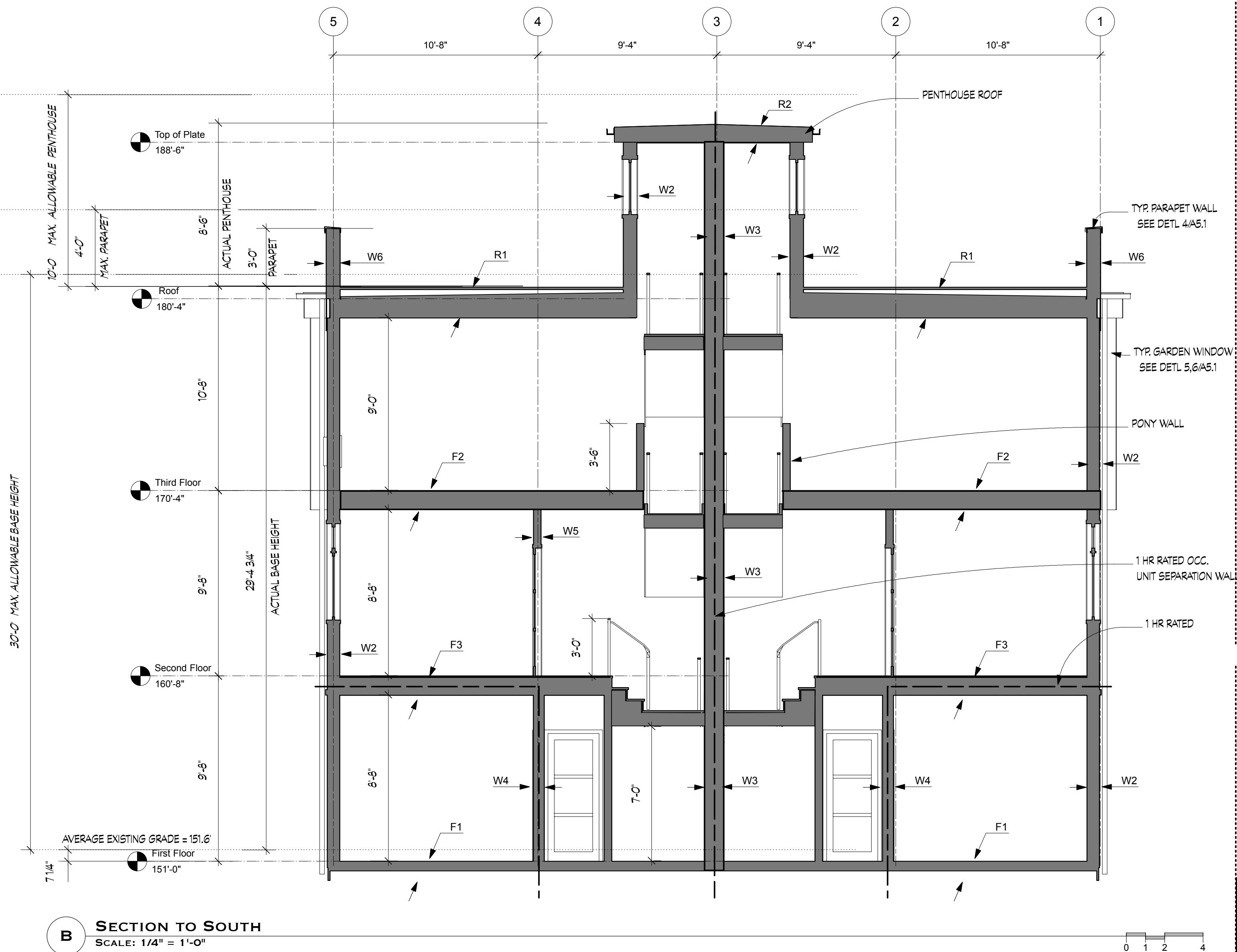
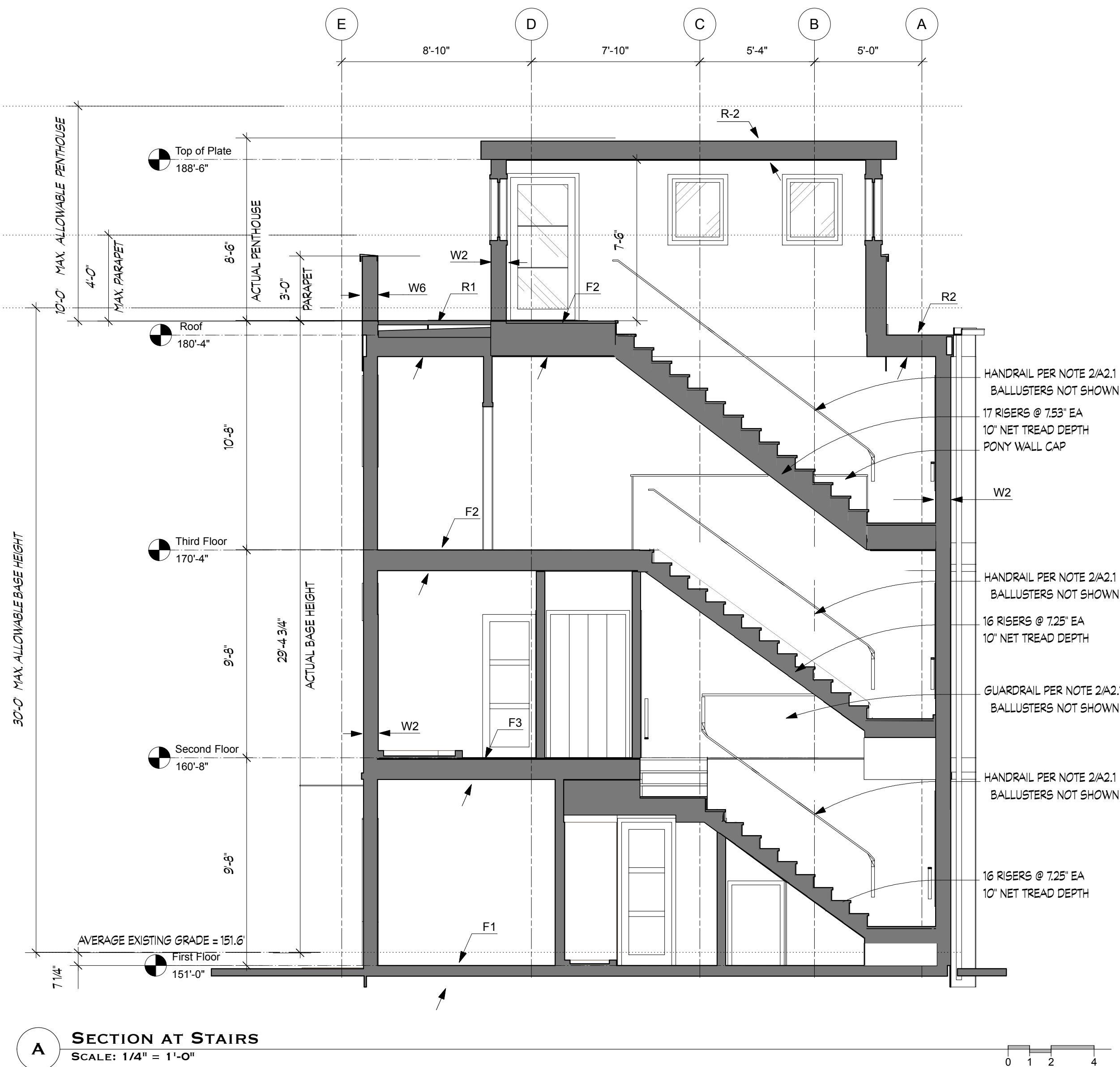
F2 FLOOR ASSEMBLY:

- FINISHED FLOORING
- 3/4" T & G PLYWOOD SUBFLOOR
- JOISTS PER STRUCTURAL
- ACOUSTIC INSUL OVER COND. SPACE
- INSULATION (R-30) OVER NON-COND. SPACE
- FURRING FOR MECHANICAL/ LOWERED CEILINGS AS NEEDED
- 1/2 GWB, PAINT OR

F3 FLOOR ASSEMBLY:

1 HR UNIT OCCUP. SEPARATION

- FINISHED FLOORING
- 3/4" T & G PLYWOOD SUBFLOOR
- JOISTS PER STRUCTURAL
- ACOUSTIC INSUL OVER COND. SPACE
- INSULATION (R-30) OVER NON-COND. SPACE
- FURRING FOR MECHANICAL/ LOWERED CEILINGS AS NEEDED
- 5/8" GWB, PAINT



paul aiello, p.s.
architecture + design
1100 NW 52nd Street
Seattle, WA 98107
206.632.1229
paul@aielloarchitecture.com

TOWNHOMES
842 NW 63RD STREET
SEATTLE WA 98107

PERMIT SET QC
28 APR 2019