GENERAL NOTES

- a. PLANS ARE TO SCALE AS NOTED, UNLESS SPECIFIED N.T.S
- b. ALL DIMENSIONS AND SITUATIONS PERTAINING TO THE BUILDING ARE TO BE VERIFIED PRIOR TO BEGINNING OF CONSTRUCTION. NOTIFY B & A DESIGN STUDIO, INC. OF ANY DISCREPANCIES. c. ALL WALL THICKNESS DIMENSIONS AS SHOWN ARE NOMINAL. ACTUAL WALL THICKNESS DIMENSIONS
- 2. EXTERIOR WALLS:
- a. ASSUME ALL EXTERIOR WALLS TO BE LOAD BEARING. b. SEE FOUNDATION PLAN FOR CMU WALL REINFORCEMENT LOCATIONS.
- c. INTERIOR SURFACE OF CMU WALL TO HAVE 1/2" GPBD APPLIED TO 1x P.T. VERTICAL FURRING BATTS SPACED @ 16" O.C. ATTACH FURRING TO CONCRETE WALL AS REQUIRED.
- d. SECOND FLOOR EXTERIOR WALLS TO BE WOOD STUDS.
- a. WOOD FRAMING: i. ALL PLATES AND SLEEPERS ON CONCRETE SLAB, WHICH ARE IN DIRECT CONTACT WITH THE EARTH,
- SHALL BE PRESSURE TREATED. ii. ALL INTERIOR WALL PLATES, OTHER THAN SHEAR WALLS, ON CONCRETE SLAB TO BE ATTACHED WITH POWER ACTUATED FASTENERS, SPACED @ 48" O.C. MAX.
- iii. ALL WOOD BRG. INTERIOR PARTITIONS SHALL BE 2x4 STUDS SPACED @ 16" O.C. WITH DOUBLE TOP PLATE. iv. FIREBLOCKING/ DRAFTSTOPPING TO BE PROVIDED IN THE FLOOR/CEILING ASSEMBLIES ABOVE AND IN LINE WITH THE TENANT SEPARATION, WHEN TENANT SEPARATION WALLS DO NOT EXTEND TO THE FLOOR

SHEATHING ABOVE AND IN OTHER LOCATIONS PER SECTION R602.8 / R302.11 OF THE 2020 FBCR

- a. WOOD CONSTRUCTION SHALL CONFORM TO THE AMERICAN FOREST & PAPER ASSOCIATION (AF&PA)
- "NATIONAL SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION. b. ALL WOOD IN CONTACT WITH CONCRETE OR CONCRETE BLOCK IS TO BE PRESSURE TREATED.
- c. SEE STRUCTURAL GENERAL NOTES.
- a. ACCESSIBLE SPACE UNDER STAIRS SHALL BE PROTECTED BY 1/2" GYPSUM BOARD. b. ALL INTERIOR WALLS SHALL HAVE STANDARD $\frac{1}{2}$ " GYP BD, EXCEPT IN HIGH HUMIDITY AND WET AREAS.
- c. HIGH HUMIDITY AND WET AREAS SHALL HAVE $\frac{1}{2}$ " DENSSHIELD TILE BACKER GYPSUM BOARD. d. ALL INTERIOR CEILINGS SHALL HAVE 1/2" SAG- RESISTANT GYP BD.
- e. ALL EXTERIOR CEILINGS (PORCH & PATIOS) SHALL HAVE 1/2" SAG- RESISTANT GYP SOFFIT BOARD. f. STUCCO SURFACES TO HAVE STOPS, WEEP SCREEDS, AND EXPANSION JOINTS PER CODE.
- g. TILE IN TUBS, SHOWERS, AND WALL PANELS IN SHOWER AREAS ARE TO HAVE CEMENT, FIBER-CEMENT, OR GLASS MAT GYPSUM BACKERS R702.3.7 / R702.4.2 2020 FBCR 7TH EDITION. h. 2020 FBCR 7TH EDITION TABLE R302.6: 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT IS REQUIRED FOR A GARAGE CEILING WITH HABITABLE ROOMS ABOVE. 1/2" MINIMUM GYPSUM BOARD IS REQUIRED ON GARAGE
- SIDE OF INTERIOR WALLS.
- a. CABINET MANUFACTURE'S SHOP DRAWINGS TAKE PRECEDENCE OVER THE INTERIOR CABINET ELEVATIONS SHOWN ON THESE DRAWINGS. b. SEE SUPPLIER / MFR'S DRAWINGS FOR KITCHEN, CABINETRY/MILLWORK, AND RESTROOM LAYOUTS.
- a. ALL LOCKING ARRANGEMENTS SHALL COMPLY WITH NFPA 101, SECTION 24.2.4.10.
- i. WINDOW AND DOOR SUPPLIERS SHALL PROVIDE CURRENT ROUGH OPENING INFORMATION WHICH,
- SHALL HAVE PRECEDENCE OVER THE WINDOW AND DOOR SCHEDULES ON PLAN. ii. CONTRACTOR AND SUPPLIER TO VERIFY WINDOW LOCATION, TYPE (FIN vs. FLANGE), HEADER HEIGHTS,
- AND ROUGH OPENINGS PRIOR TO DELIVERY.
- iii. WINDOW ROUGH OPENING INCLUDES 1x P.T. FRAME ATTACHED TO CMU's. iv. DOOR ROUGH OPENING INCLUDES 2x P.T. FRAME ATTACHED TO CMU's.
- v. ALL GLASS LOCATED IN HAZARDOUS LOCATIONS SHALL COMPLY WITH SECTION R308 OF THE 2020 vi. WINDOW CONTRACTOR TO VERIFY ROUGH OPENINGS OF ALL FIELD ASSEMBLED FIXED GLASS
- WINDOW UNITS PRIOR TO INSTALLATION. vii. ALL WINDOWS IN WIND BORN DEBRIS AREAS SHALL BE PROTECTED FROM WIND BORN DEBRIS.
- PROVIDE SHUTTERS CERTIFIED TO MEET MIAMI-DADE IMPACT TEST. SHUTTERS MUST BE ROLL-DOWN, PANEL ACCORDIAN OR OTHER APPROVED DESIGN TYPE. BUILDER TO SUBMIT MANUFACTURER, MODEL NO. INSTALLATION
- INSTRUCTIONS, & COPY OF MIAMI-DADE IMPACT TEST DATA FOR PROPOSED SHUTTERS. viii. GARAGE OVERHEAD DOORS SHALL BE LISTED AND TESTED FOR 30 SECONDS AT DESIGN PRESURE (+/-) TO INCLUDE A 10 SECOND GUST AT 1.5 TIMES THE DESIGN PRESSURE AND BEAR A PERMANENT DESGIN
- b. INSTALLATION:
- i. WINDOWS & DOORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S
- ii. ALL WINDOW HEADS SHALL BE SET ABOVE FINISH FLOOR AS FOLLOWS: 2. SECOND FLOOR PER PLAN.
- c. ASSEMBLIES:
- i. WINDOW AND DOOR ASSEMBLIES TO CONFORM TO 2020 FBCR CHAPTER 6, SECTION 609 ii. INTERIOR FACE OF WINDOW, FASTEN BUCK TO MASONRY W/ 1/4" x 3" TAPCONS, 6" FROM EDGES AND 16" O.C. MAX. 2x P.T. BUCKS/NAILERS SHALL EXTEND BEYOND.
- iii. BUCKS LESS THAN 2x TO BE FASTENED W/ CUT NAILS OR EQUIVALENT. STRUCTURAL CONNECTION OF WINDOW TO STRUCTURE BY OTHERS IN THIS CASE.
- iV. SEE EXTERIOR ELEVATIONS FOR STYLE AND DIVIDED LITE CONFIGURATIONS.
- i. EXTERIOR WINDOWS AND SLIDING DOORS SHALL BE TESTED AND COMPLY WITH AAMA/WDMA/CSA 101/I.S.2/A440 OR TAS 202 (HVHZ SHALL COMPLY WITH TAS 202 AND ASTM E1300). EXTERIOR SIDE
- HINGED DOORS SHALL COMPLY WITH AAMA/WDMA/CSA 101/1.S.2/A440 OR ANSI/WMA100 OR SECTION R609.5 IN THE 2020 FBCR. ii. ALL GARAGE/OVERHEAD DOORS SHALL BE LISTED AND TESTED FOR 30 SECONDS AT DESIGN PRESSURE
- (+/-) TO INCLUDE A 10 SECOND GUST AT 1.5 TIMES THE DESIGN PRESSURE. 9. INSULATION:
- a. INSULATE ALL EXTERIOR FRAME WALLS WITH R-13 BATT FIBERGLASS INSULATION. b. INSULATE CONDITIONED ATTIC SPACE WITH R-30 BLOWN FIBERGLASS. INACCESSIBLE ATTIC SPACE
- SHALL RECEIVE R-30 BATT INSULATION. c. INSULATE ALL CMU WALLS (THAT REQUIRE 1" P.T. FURRING STRIPS) WITH R4.1 FI-FOIL PANELS.
- d. APPLY HILTI FOAM FILLER AT EXTERIOR WALLS AROUND: i. WINDOW FRAMES
- ii. EXTERIOR DOOR FRAMES
- iii. GAPS AROUND PIPES, VENTS, OUTLETS, ETC. e. INSULATE ALL ATTIC KNEE WALLS WITH R-30 BATTS.

RAKES OR ON A ROOF ABOVE ANOTHER ROOF.

f. APPLY OWENS CORNING ENERGY COMPLETE TO THE TOP OF ALL CONDINTIONED SPACE WALLS THAT INTERACT WITH UNCONDITIONED ATTIC SPACE ABOVE.

- 1. PENETRATION. PROTECTIVE SLEEVES AROUND PIPING PENETRATING CONCRETE SLAB-ON-GRADE FLOORS SHALL NOT BE OF CELLULOSE CONTAINING MATERIALS.
- IF SOIL TREATMENT IS USED FOR SUBTERRANEAN TERMITE PROTECTION, THE SLEEVE SHALL HAVE A MAXIMUM WALL THICKNESS OF 0.010 INCH, AND BE SEALED WITHIN THE SLAB USING A NON-CORROSIVE CLAMPING DEVICE TO ELIMINATE THE ANNULAR SPACE BETWEEN THE PIPE AND THE SLEEVE. NO TERMITICIDES SHALL
- BE APPLIED INSIDE THE SLEEVE. 2. PROTECTION AGAINST DECAY AND TERMITES. - CONDENSATE LINES, IRRIGATION SPRINKLER SYSTEM RISERS FOR SPRAY HEADS, AND ROOF DOWNSPOUTS SHALL
- DISCHARGE AT LEAST 1 FOOT (305 mm) AWAY FROM THE STRUCTURE SIDEWALL, WHETHER BY UNDERGROUND PIPING, TAIL EXTENSIONS, OR SPLASH BLOCKS GUTTERS WITH DOWNSPOUTS ARE REQUIRED ON ALL BUILDINGS WITH EAVES OF LESS THAN 6 INCHES (152 mm) HORIZONTAL PROJECTION EXCEPT FOR GABLE END



PARK SQUARE HOMES 4655 - PASERO ELEV. 'A', 'B', 'C'

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R703.7 EXTERIOR PLASTER. INSTALLATION OF THESE MATERIALS SHALL BE IN COMPLIANCE WITH ASTM C926, ASTM C1063 OR ASTM C1787 AND THE PROVISIONS OF THIS CODE.

LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1 1/2-INCH-LONG (38 MM), 11 GAGE NAILS HAVING A 7/16-INCH (11.1 MM) HEAD, OR 1 1/2-INCH-LONG (22.2 MM), 16 GAGE STAPLES, SPACED AT IN ACCORDANCE WITH ASTM C1063 OR C1787, OR AS OTHERWISE APPROVED. R703.7.2 PLASTER.
PLASTERING WITH CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHERE APPLIED OVER ANY TYPE OF CODE-APPROVED LATH AND SHALL BE NOT LESS THAN TWO COATS WHER

DIRECTLY APPLIED OVER MASONRY, CONCRETE, CLAY, BRICK, STONE OR TILE. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH IN TABLE R702.1(1).

ON WOOD-FRAME CONSTRUCTION WITH AN ON-GRADE FLOOR SLAB SYSTEM, EXTERIOR PLASTER SHALL BE APPLIED TO COVER, BUT NOT EXTEND BELOW, LATH, PAPER AND SCREED. CEMENT PLASTER SHALL BE IN ACCORDANCE WITH ASTM C926. CEMENT MATERIALS SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING: MASONRY CEMENT CONFORMING TO ASTM C91 TYPE M, S OR N.
 PORTLAND CEMENT CONFORMING TO ASTM C150 TYPE I, II OR III.

3. BLENDED HYDRAULIC CEMENT CONFORMING TO ASTM C595 TYPE IP, IS(S<70), IL OR IT(S<70). 4. HYDRAULIC CEMENT CONFORMING TO ASTM C1157 TYPE GU, HE, MS, HS OR MH. THE PROPORTION OF AGGREGATE TO CEMENTITIOUS MATERIALS SHALL BE AS SET FORTH IN

A MINIMUM 0.019-INCH (0.5 MM) (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3 1/2 INCHES (89 MM) SHALL BE PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE ON MOT LESS THAN 4 INCHES (102 MM) ABOVE THE EARTH OR 2 INCHES (51 MM) ABOVE PAVED AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.

R703.7.3 WATER-RESISTIVE BARRIERS.
WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION R703.2 AND, WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING (INSTALLED IN ACCORDANCE WITH SECTION R703.4) INTENDED TO DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS.

ROOF CRITERIA 12" OVERHANG U.N.O. / PLUMB CUT FASCIA / ROOF PITCH PER ELEVATION /

SHINGLES U.N.O. ROOF PITCH VARIES PER SUBDIVISIONS IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ROOF SLOPE REQUIREMENTS WITH TRUSS MANUFACTURER. FLASHING SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS, AT GUTTERS. AT ALL CHANGES IN ROOF SLOPE OR DIRECTION, AND AROUND ROOF OPENINGS. STEP FLASHING SHALL BE USED ON ALL ROOF TO WALL INTERSECTIONS ON RAKES. ATTENTION CONTRACTORS ALL PENETRATIONS THROUGH ROOF ARE TO BE LOCATED ON REAR OR IF NECESSARY ON THE SIDE OF THE ROOF BEHIND THE

ASPHALT SHINGLES (IF APPLICABLE):

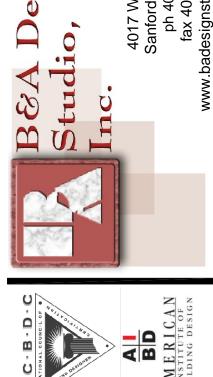
1. WIND RESISTANCE OF ASPHALT SHINGLES. - ASPHALT SHINGLES SHALL BE INSTALLED IN ACCORDANCE WITH 2020 FBCR(7TH EDITION), SECTION R905.2.6 AND 2. ASPHALT SHINGLES SHALL ONLY BE USED ON ROOF SLOPES OF FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) AND LESS THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), TWO LAYERS OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE III OR TYPE IV OR ASTM D6757 IS

REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.

FOR ROOF SLOPES FROM FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12) AND GREATER, ONE LAYER OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE III OR IV OR ASTM D6757 IS REQUIRED IN ACCORDANCE WITH 3. AS AN ALTERNATIVE, THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D1970 OR AN APPROVED SELF-ADHERING SYNTHETIC WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.REFER TO R905.1.1.1.

CLAY AND CONCRETE TILE (IF APPLICABLE): TILE AND REQUIRED UNDERLAYMENT SHALL BE IN ACCORDANCE WITH THE RSA/TRI FLORIDA HIGH WIND CONCRETE AND CLAY ROOF TILE INSTALLATION SIXTH EDITION WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3 OR THE RECOMMENDATIONS OF RAS 118, 119 OR 120. PER FBCR 2020 7TH EDITION R905.3.3, THE REQUIRED UNDERLAYMENT SHALL COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS IN ACCORDANCE WITH THE FRSA/TRI FLORIDA WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3 OR







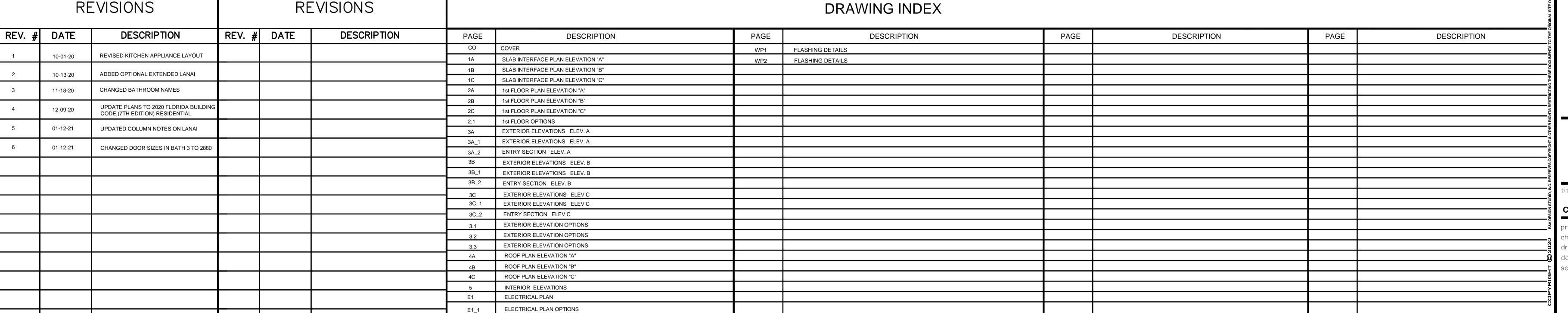
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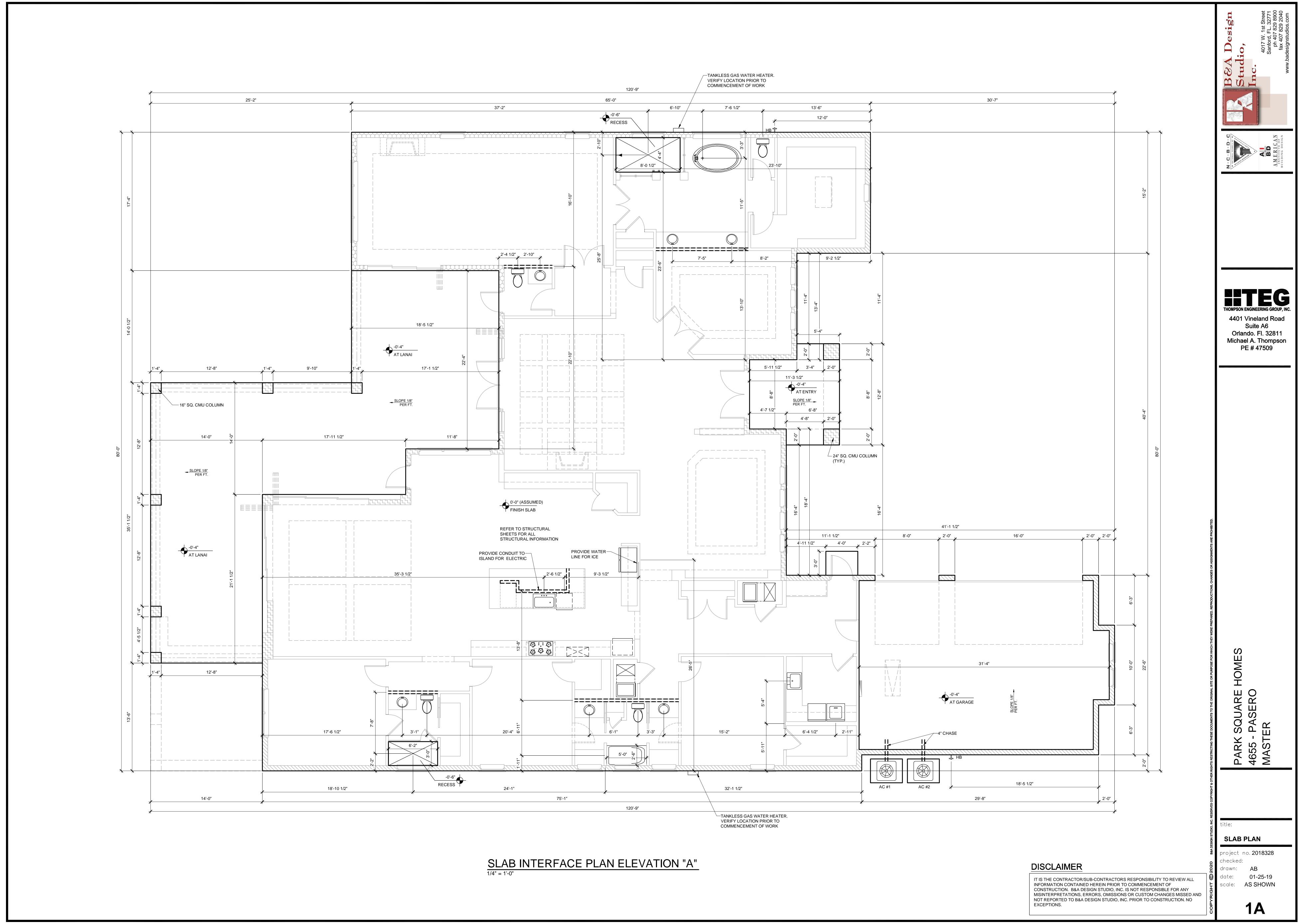
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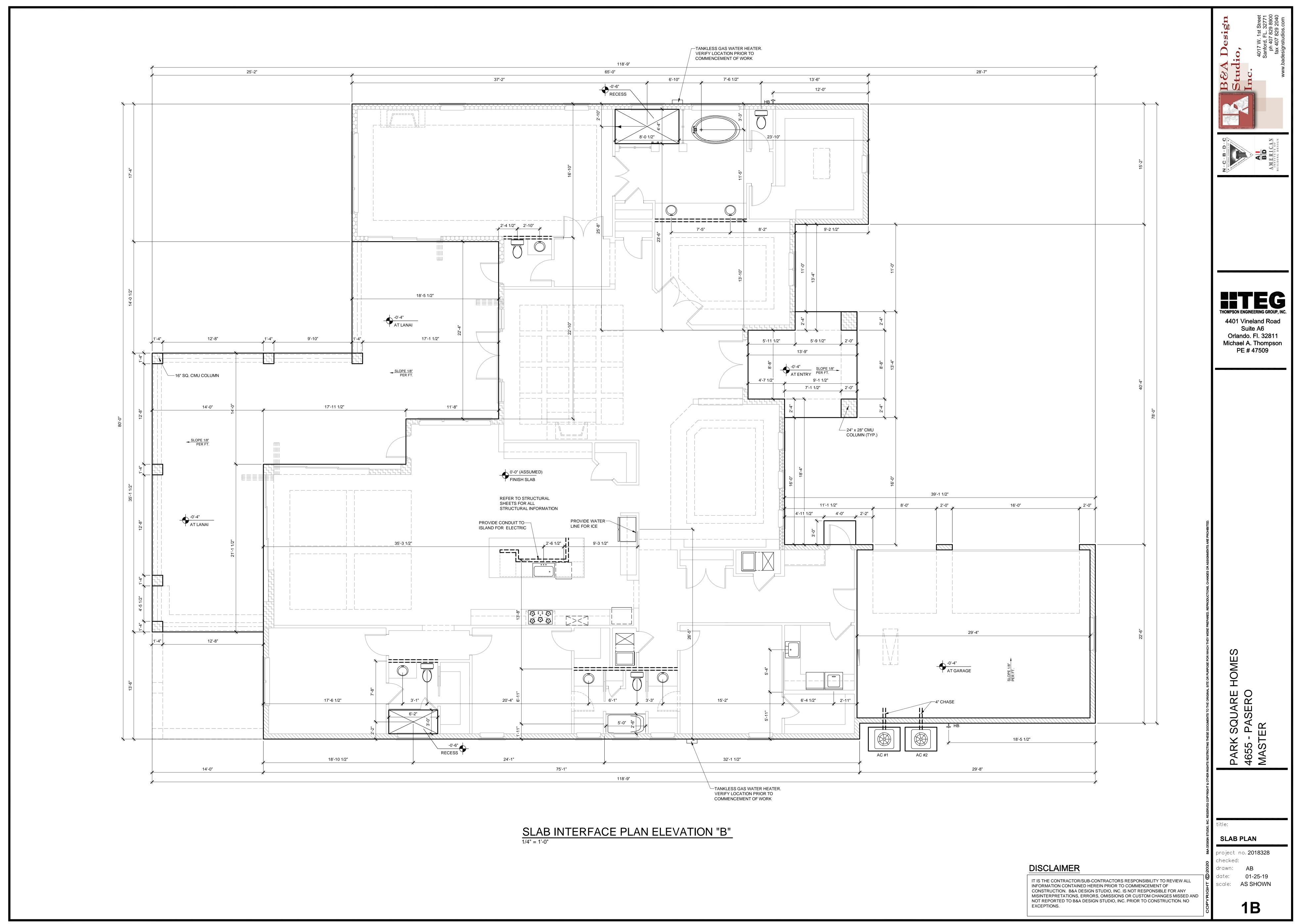
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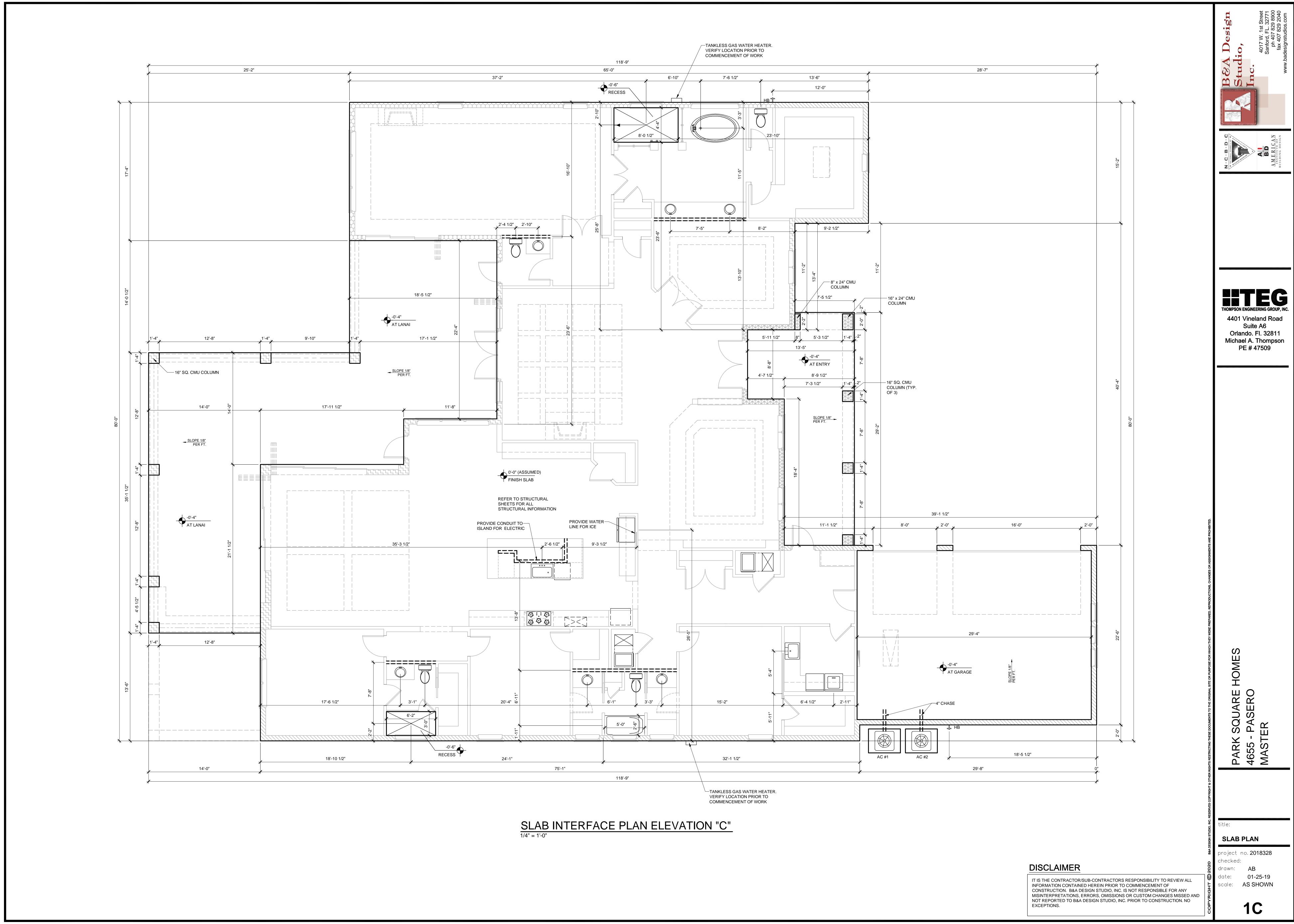
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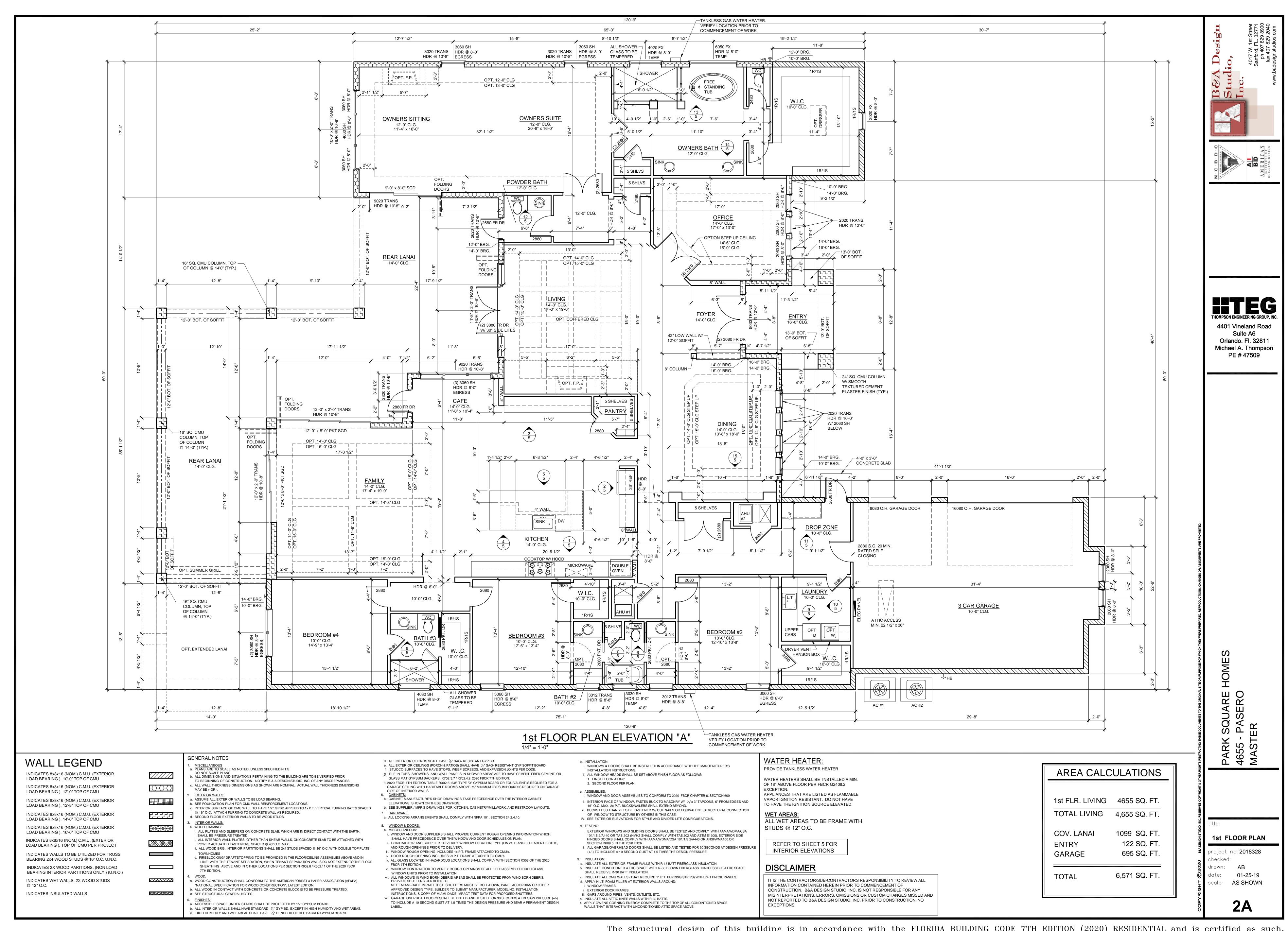
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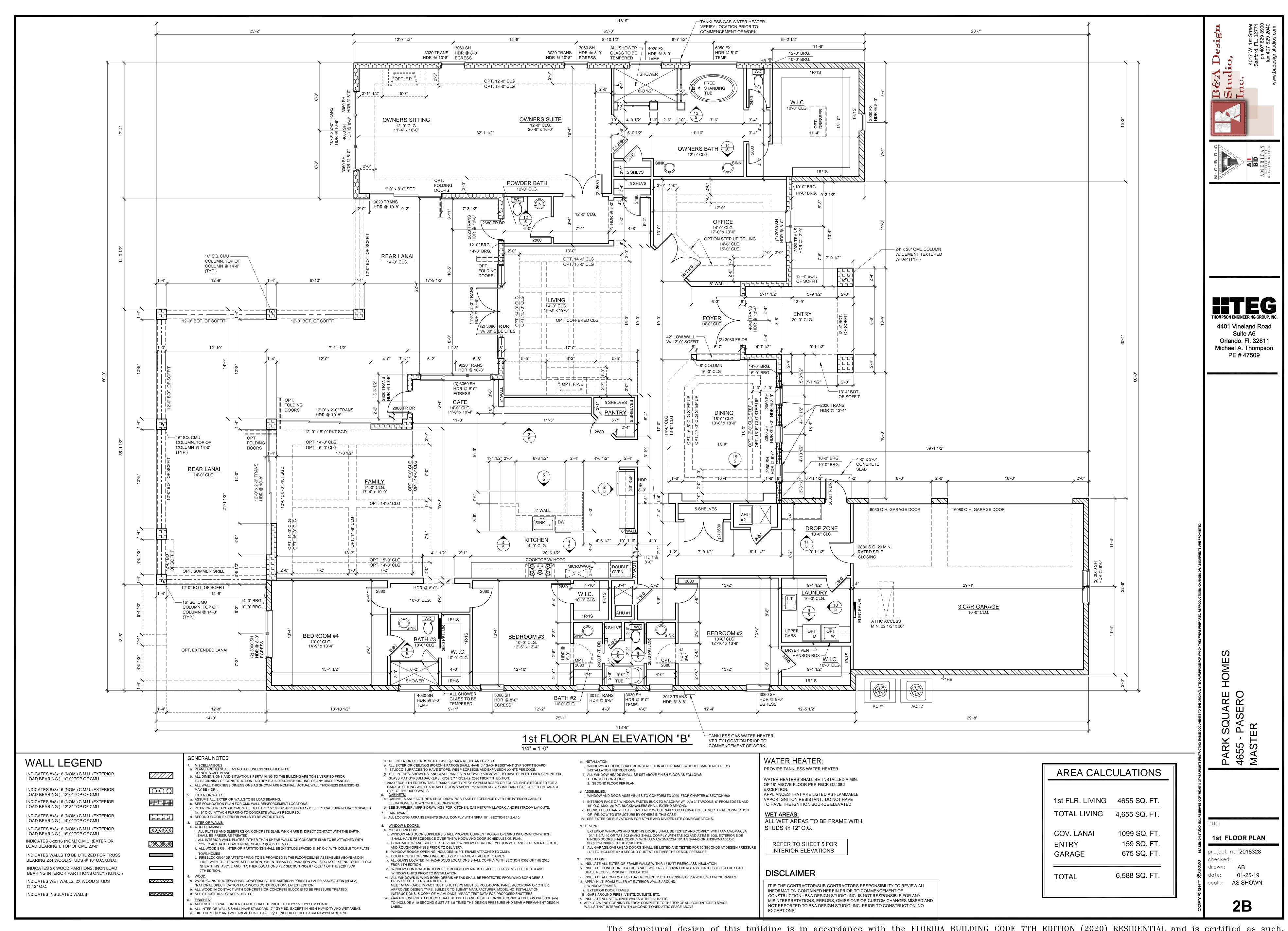


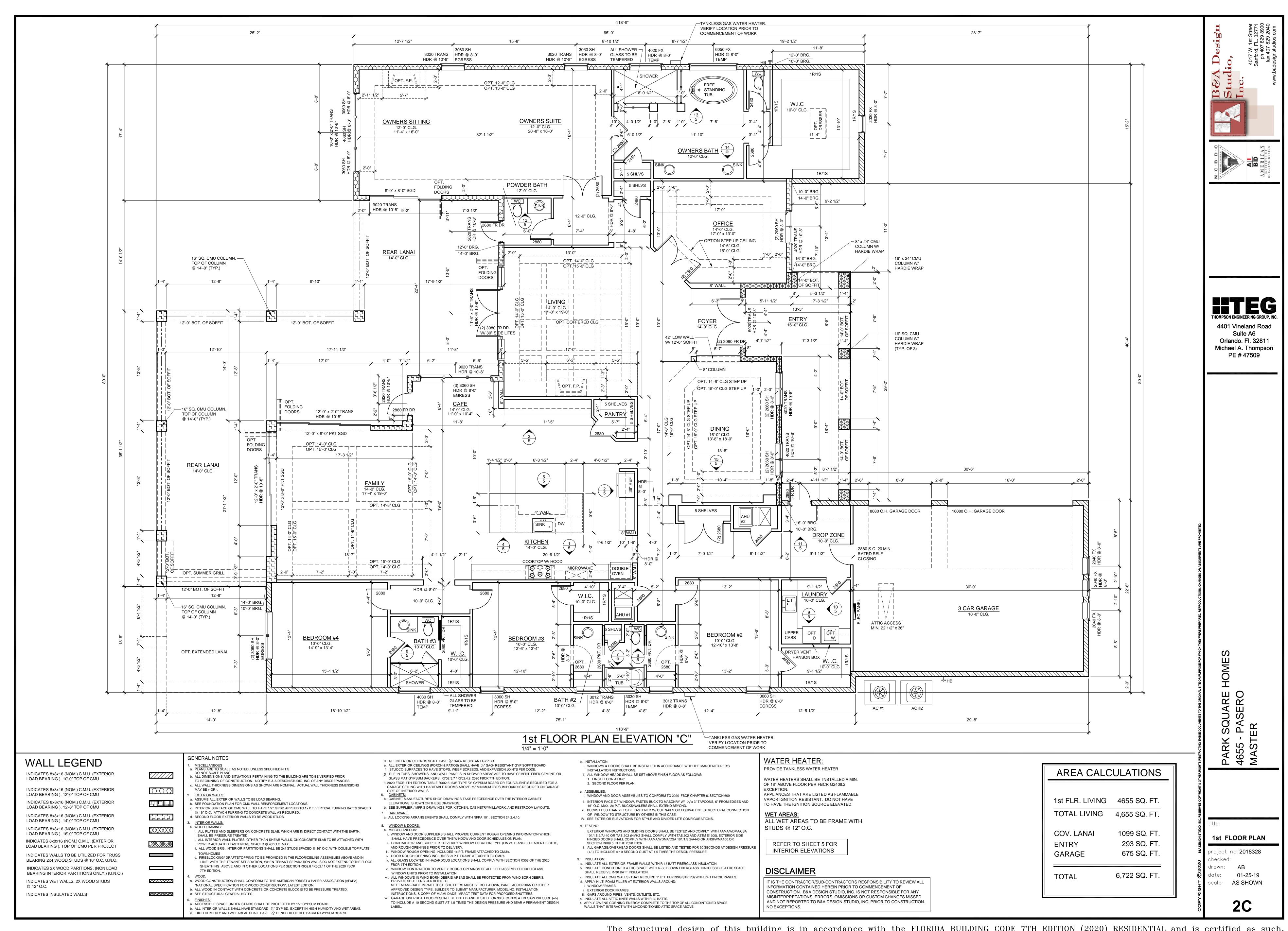


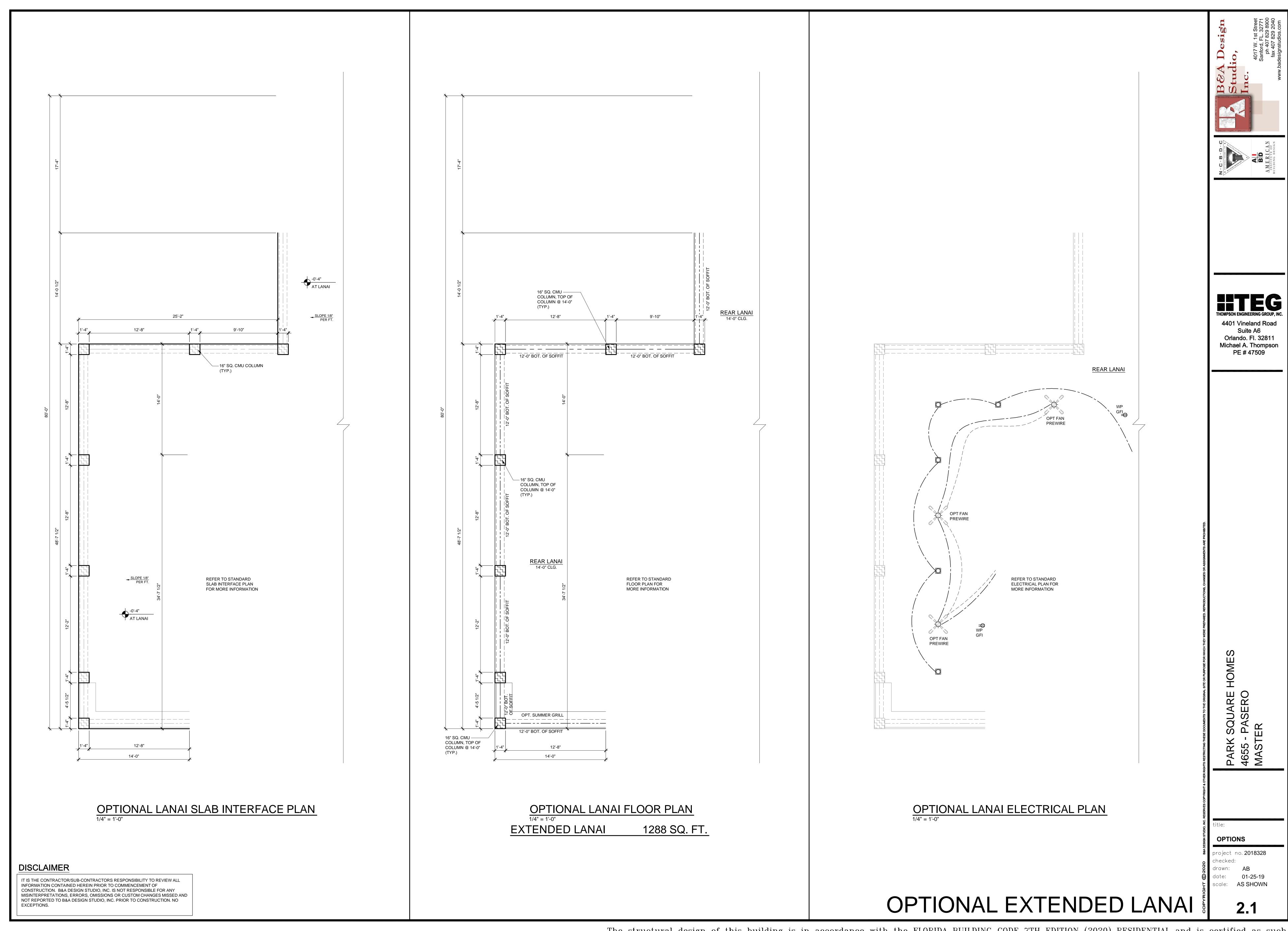


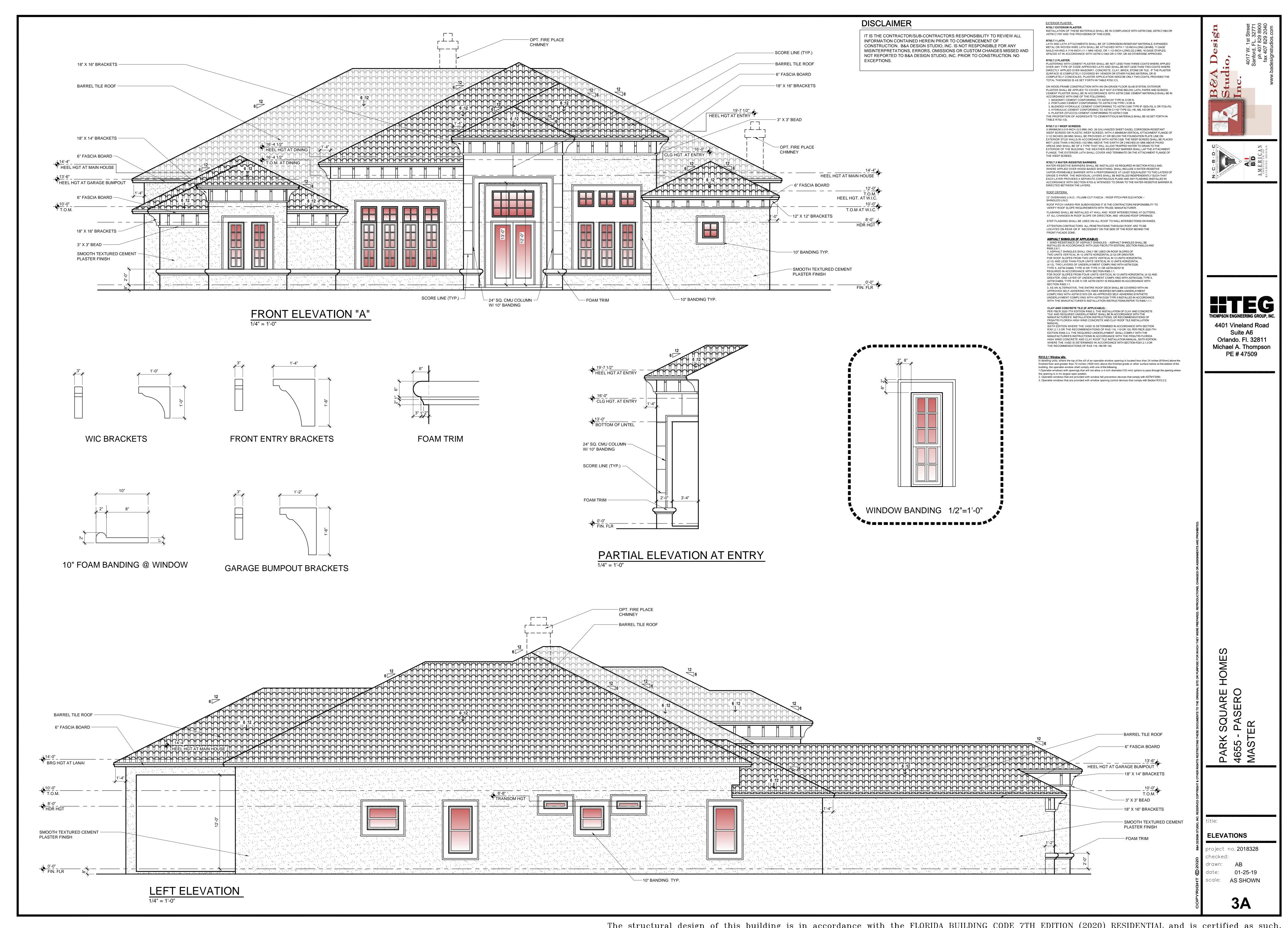


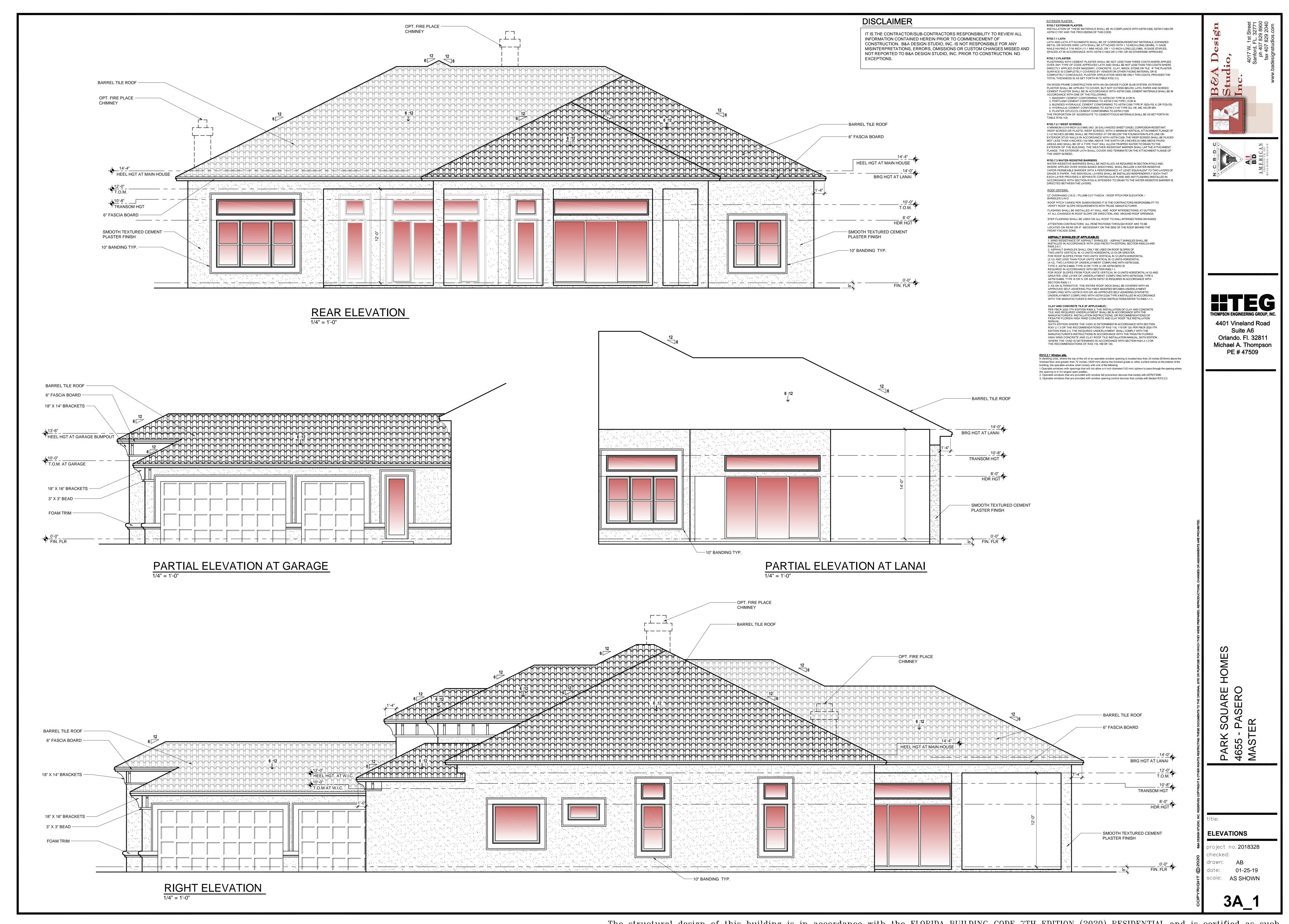


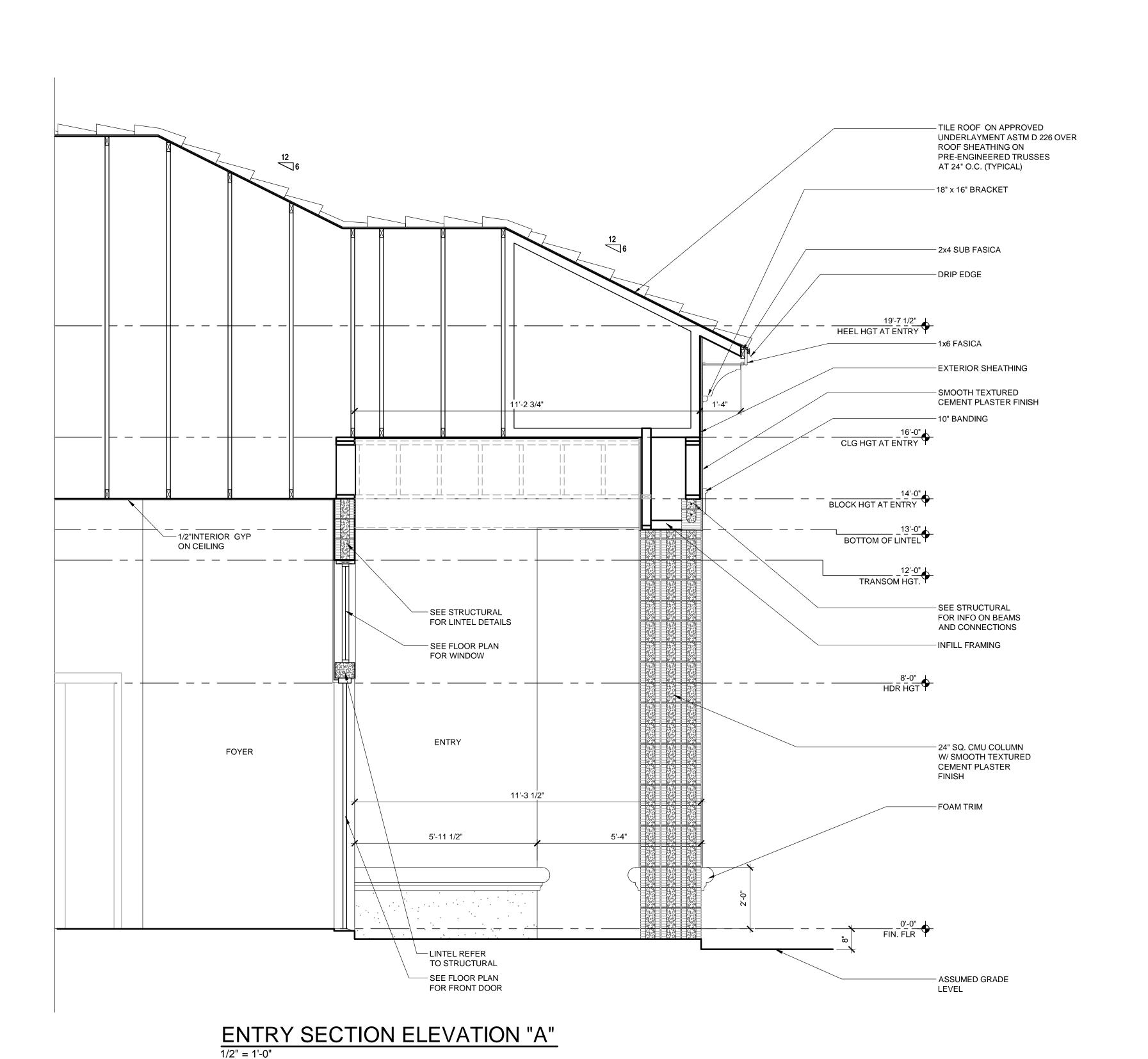












EXTERIOR PLASTER

TABLE R702.1(3).

R703.7 EXTERIOR PLASTER.
INSTALLATION OF THESE MATERIALS SHALL BE IN COMPLIANCE WITH ASTM C926, ASTM C1063 OR ASTM C1787 AND THE PROVISIONS OF THIS CODE.

R703.7.1 LATH.

LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1 1/2-INCH-LONG (38 MM), 11 GAGE NAILS HAVING A 7/16-INCH (11.1 MM) HEAD, OR 1 1/2-INCH-LONG (22.2 MM), 16 GAGE STAPLES,

R703.7.2 PLASTER. PLASTERING WITH CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHERE APPLIED OVER ANY TYPE OF CODE-APPROVED LATH AND SHALL BE NOT LESS THAN TWO COATS WHERE DIRECTLY APPLIED OVER MASONRY, CONCRETE, CLAY, BRICK, STONE OR TILE. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE

TOTAL THICKNESS IS AS SET FORTH IN TABLE R702.1(1). ON WOOD-FRAME CONSTRUCTION WITH AN ON-GRADE FLOOR SLAB SYSTEM, EXTERIOR PLASTER SHALL BE APPLIED TO COVER, BUT NOT EXTEND BELOW, LATH, PAPER AND SCREED. CEMENT PLASTER SHALL BE IN ACCORDANCE WITH ASTM C926. CEMENT MATERIALS SHALL BE IN

THE PROPORTION OF AGGREGATE TO CEMENTITIOUS MATERIALS SHALL BE AS SET FORTH IN

ACCORDANCE WITH ONE OF THE FOLLOWING:

1. MASONRY CEMENT CONFORMING TO ASTM C91 TYPE M, S OR N.

2. PORTLAND CEMENT CONFORMING TO ASTM C150 TYPE I, II OR III.

3. BLENDED HYDRAULIC CEMENT CONFORMING TO ASTM C595 TYPE IP, IS(S<70), IL OR IT(S<70). HYDRAULIC CEMENT CONFORMING TO ASTM C1157 TYPE GU, HE, MS, HS OR MH.
 PLASTER (STUCCO) CEMENT CONFORMING TO ASTM C1328

R703.7.2.1 WEEP SCREEDS.
A MINIMUM 0.019-INCH (0.5 MM) (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3 1/2 INCHES (89 MM) SHALL BE PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C926. THE WEEP SCREED SHALL BE PLACED MOT LESS THAN 4 INCHES (102 MM) ABOVE THE EARTH OR 2 INCHES (51 MM) ABOVE PAVED AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.

R703.7.3 WATER-RESISTIVE BARRIERS.
WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION R703.2 AND,
WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING (INSTALLED IN ACCORDANCE WITH SECTION R703.4) INTENDED TO DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS.

ROOF CRITERIA

12" OVERHANG U.N.O. / PLUMB CUT FASCIA $\,/$ ROOF PITCH PER ELEVATION / SHINGLES U.N.O. ROOF PITCH VARIES PER SUBDIVISIONS IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ROOF SLOPE REQUIREMENTS WITH TRUSS MANUFACTURER. FLASHING SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS, AT GUTTERS, AT ALL CHANGES IN ROOF SLOPE OR DIRECTION, AND AROUND ROOF OPENINGS. STEP FLASHING SHALL BE USED ON ALL ROOF TO WALL INTERSECTIONS ON RAKES. ATTENTION CONTRACTORS ALL PENETRATIONS THROUGH ROOF ARE TO BE LOCATED ON REAR OR IF NECESSARY ON THE SIDE OF THE ROOF BEHIND THE FRONT FACADE ZONE.

ASPHALT SHINGLES (IF APPLICABLE):

1. WIND RESISTANCE OF ASPHALT SHINGLES. - ASPHALT SHINGLES SHALL BE INSTALLED IN ACCORDANCE WITH 2020 FBCR (7TH EDITION), SECTION R905.2.6 AND ROOF 2.4.1 2. ASPHALT SHINGLES SHALL ONLY BE USED ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) AND LESS THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL

(4:12), TWO LAYERS OF UNDERLAYMENT COMPLYING WITH ASTM D226,
TYPE II, ASTM D4869, TYPE III OR TYPE IV OR ASTM D6757 IS
REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.
FOR ROOF SLOPES FROM FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12) AND
GREATER, ONE LAYER OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE III OR IV OR ASTM D6757 IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.
3. AS AN ALTERNATIVE, THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D1970 OR AN APPROVED SELF-ADHERING SYNTHETIC UNDERLAYMENT COMPLYING WITH ASTM D226 TYPE II INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.REFER TO R905.1.1.1.

CLAY AND CONCRETE TILE (IF APPLICABLE):

PER FBCR 2020 7TH EDITION R905.3, THE INSTALLATION OF CLAY AND CONCRETE
TILE AND REQUIRED UNDERLAYMENT SHALL BE IN ACCORDANCE WITH THE
MANUFACTURER'S INSTALLATION INSTRUCTIONS, OR RECOMMENDATIONS OF
FRSA/TRI FLORIDA HIGH WIND CONCRETE AND CLAY ROOF TILE INSTALLATION
MANUFACTOR OF THE PROPERTY MANUAL,
SIXTH EDITION WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3 OR THE RECOMMENDATIONS OF RAS 118, 119 OR 120. PER FBCR 2020 7TH EDITION R905.3.3, THE REQUIRED UNDERLAYMENT SHALL COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS IN ACCORDANCE WITH THE FRSA/TRI FLORIDA HIGH WIND CONCRETE AND CLAY ROOF TILE INSTALLATION MANUAL, SIXTH EDITION WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3 OR THE RECOMMENDATIONS OF RAS 118, 199 OR 120.

R312.2.1 Window sills.
In dwelling units, where the top of the sill of an operable window opening is located less than 24 inches (610mm) above the finished floor and greater than 72 inches (1829 mm) above the finished grade or other surface below on the exterior of the building, the operable window shall comply with one of the following. 1.Operable windows with openings that will not allow a 4 inch diameter(102 mm) sphere to pass through the opening where the opening is in it's largest open position.

2. Operable windows that are provided with window fall prevention devices that comply with ASTM F2090.

3. Operable windows that are provided with window opening control devices that comply with Section R312.2.2.





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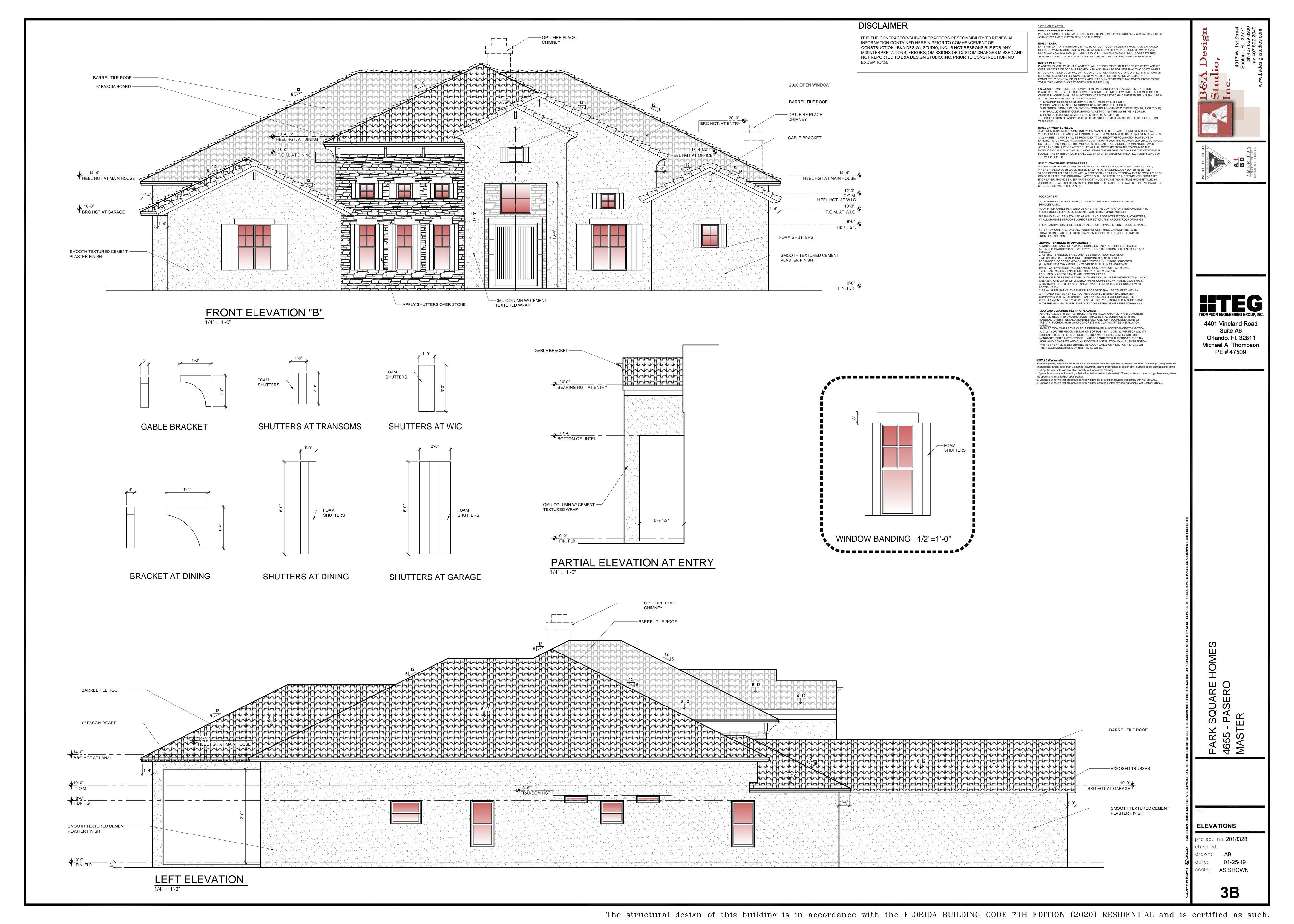
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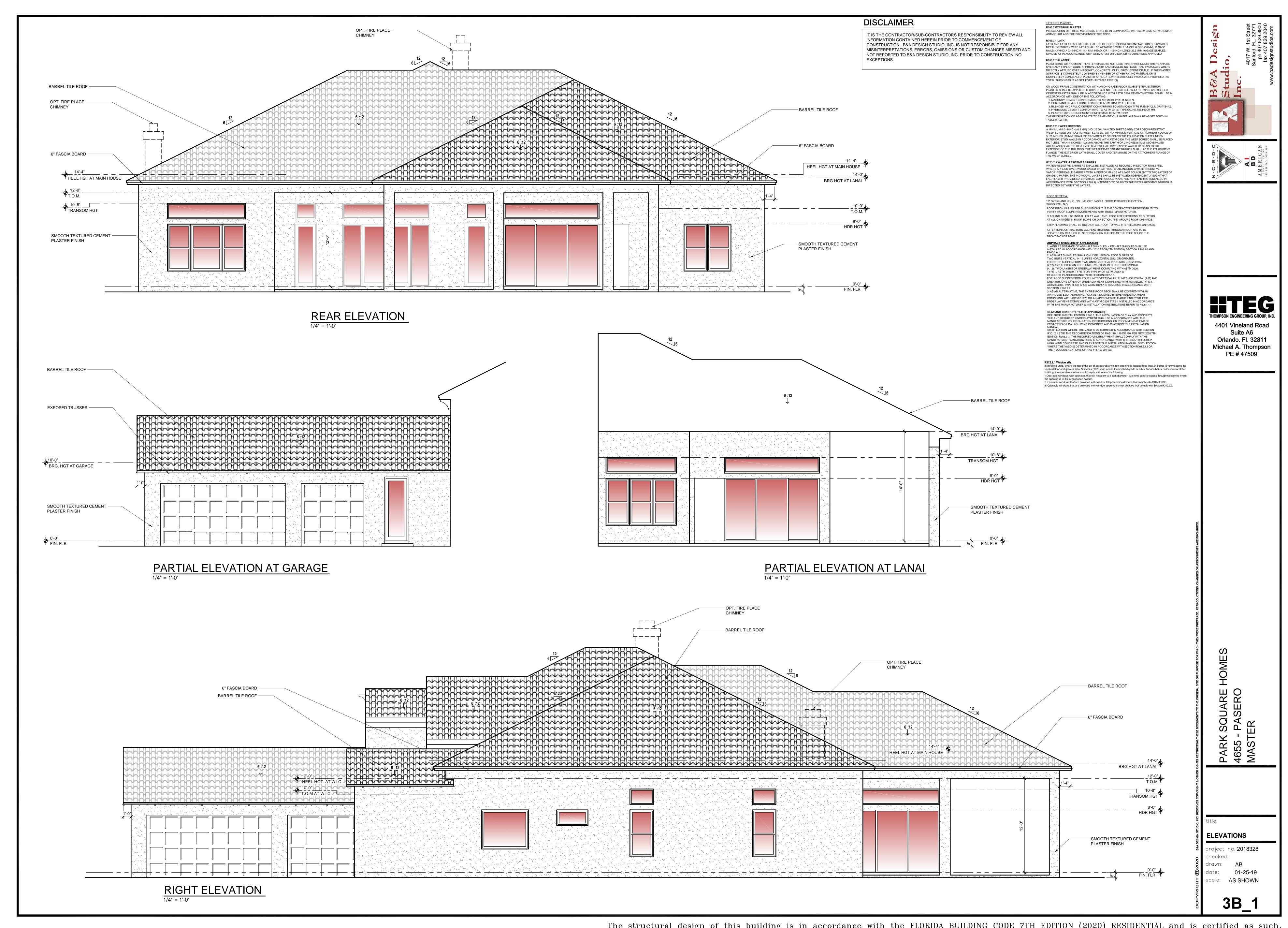
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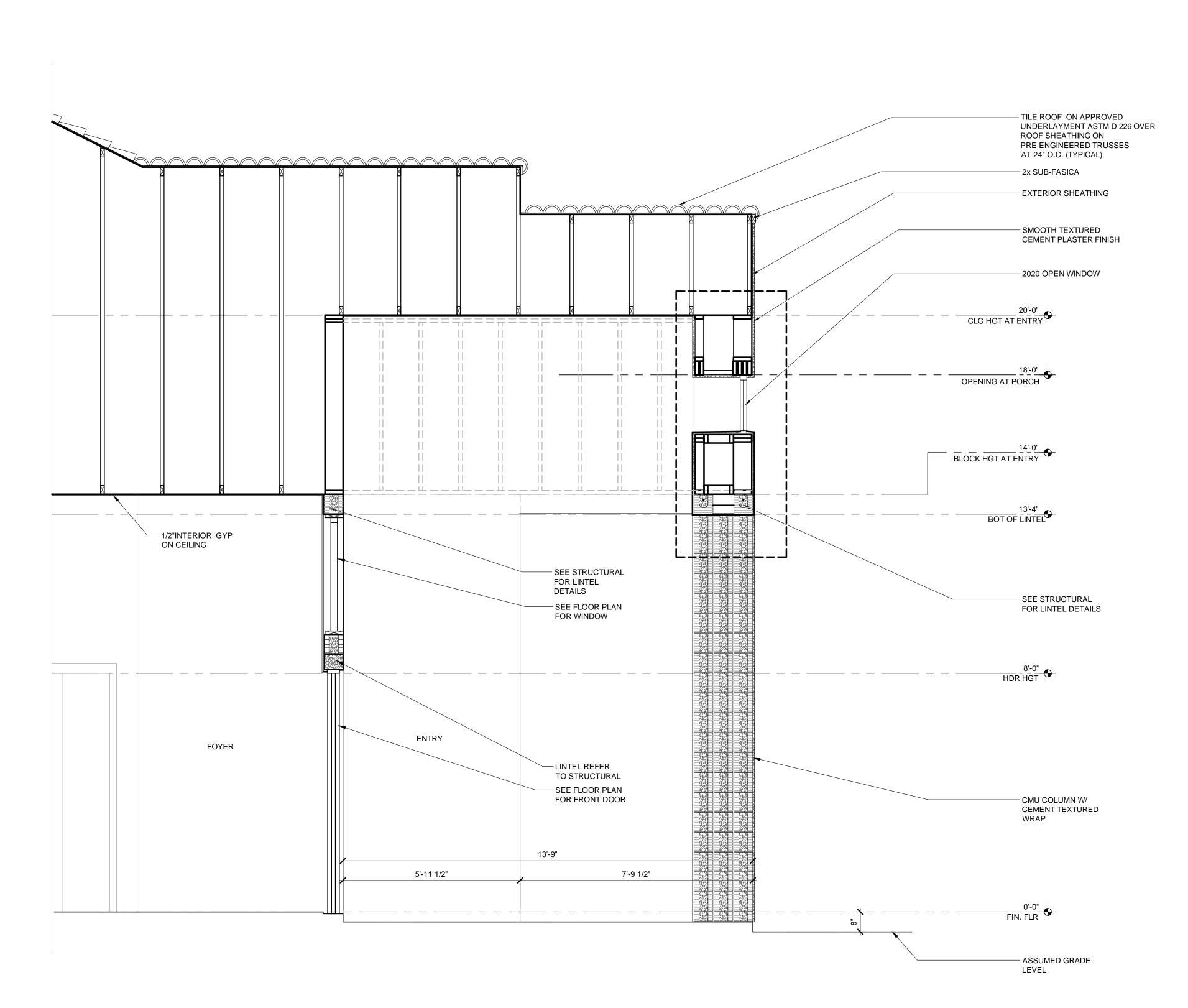
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ENTRY SECTION ELEVATION "B"

1/2" = 1'-0"

EXTERIOR PLASTER

TABLE R702.1(3).

R703.7 EXTERIOR PLASTER.
INSTALLATION OF THESE MATERIALS SHALL BE IN COMPLIANCE WITH ASTM C926, ASTM C1063 OR ASTM C1787 AND THE PROVISIONS OF THIS CODE.

R703.7.1 LATH.

LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1 1/2-INCH-LONG (38 MM), 11 GAGE NAILS HAVING A 7/16-INCH (11.1 MM) HEAD, OR 1 1/2-INCH-LONG (22.2 MM), 16 GAGE STAPLES, SPACED AT IN ACCORDANCE WITH ASTM C1063 OR C1787. OR AS OTHERWISE APPROVED.

R703.7.2 PLASTER.

PLASTERING WITH CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHERE APPLIED OVER ANY TYPE OF CODE-APPROVED LATH AND SHALL BE NOT LESS THAN TWO COATS WHERE DIRECTLY APPLIED OVER MASONRY, CONCRETE, CLAY, BRICK, STONE OR TILE. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH IN TABLE R702 1(1)

COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH IN TABLE R702.1(1).

ON WOOD-FRAME CONSTRUCTION WITH AN ON-GRADE FLOOR SLAB SYSTEM, EXTERIOR PLASTER SHALL BE APPLIED TO COVER, BUT NOT EXTEND BELOW, LATH, PAPER AND SCREED. CEMENT PLASTER SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING:

ACCORDANCE WITH ONE OF THE FOLLOWING:

CEMENT PLASTER STALL BE IN ACCORDANCE WITH ASTM 0920. CEMENT MATERIALS STALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING:

1. MASONRY CEMENT CONFORMING TO ASTM C91 TYPE M, S OR N.

2. PORTLAND CEMENT CONFORMING TO ASTM C150 TYPE I, II OR III.

3. BLENDED HYDRAULIC CEMENT CONFORMING TO ASTM C595 TYPE IP, IS(S<70), IL OR IT(S<70).

4. HYDRAULIC CEMENT CONFORMING TO ASTM C1157 TYPE GU, HE, MS, HS OR MH.

5. PLASTER (STUCCO) CEMENT CONFORMING TO ASTM C1328

THE PROPORTION OF AGGREGATE TO CEMENTITIOUS MATERIALS SHALL BE AS SET FORTH IN

R703.7.2.1 WEEP SCREEDS.

A MINIMUM 0.019-INCH (0.5 MM) (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3 1/2 INCHES (89 MM) SHALL BE PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C926. THE WEEP SCREED SHALL BE PLACED MOT LESS THAN 4 INCHES (102 MM) ABOVE THE EARTH OR 2 INCHES (51 MM) ABOVE PAVED AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.

R703.7.3 WATER-RESISTIVE BARRIERS.

WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION R703.2 AND, WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING (INSTALLED IN ACCORDANCE WITH SECTION R703.4) INTENDED TO DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS.

ROOF CRITERIA

12" OVERHANG U.N.O. / PLUMB CUT FASCIA / ROOF PITCH PER ELEVATION /

SHINGLES U.N.O.

ROOF PITCH VARIES PER SUBDIVISIONS IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ROOF SLOPE REQUIREMENTS WITH TRUSS MANUFACTURER.

FLASHING SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS, AT GUTTERS, AT ALL CHANGES IN ROOF SLOPE OR DIRECTION, AND AROUND ROOF OPENINGS.

STEP FLASHING SHALL BE USED ON ALL ROOF TO WALL INTERSECTIONS ON RAKES.

ATTENTION CONTRACTORS ALL PENETRATIONS THROUGH ROOF ARE TO BE LOCATED ON REAR OR IF NECESSARY ON THE SIDE OF THE ROOF BEHIND THE

ASPHALT SHINGLES (IF APPLICABLE):

1. WIND RESISTANCE OF ASPHALT SHINGLES. - ASPHALT SHINGLES SHALL BE INSTALLED IN ACCORDANCE WITH 2020 FBCR (7TH EDITION), SECTION R905.2.6 AND R905.2.6.1.

2. ASPHALT SHINGLES SHALL ONLY BE USED ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) AND LESS THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12), TWO LAYERS OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE II OR TYPE IV OR ASTM D6757 IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.

FOR ROOF SLOPES FROM FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12) AND GREATER, ONE LAYER OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE III OR IV OR ASTM D6757 IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.

3. AS AN ALTERNATIVE, THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D1970 OR AN APPROVED SELF-ADHERING SYNTHETIC UNDERLAYMENT COMPLYING WITH ASTM D1970 OR AN APPROVED SELF-ADHERING SYNTHETIC UNDERLAYMENT COMPLYING WITH ASTM D1970 OR AN APPROVED SELF-ADHERING SYNTHETIC UNDERLAYMENT COMPLYING WITH ASTM D1970 OR AN APPROVED SELF-ADHERING SYNTHETIC UNDERLAYMENT COMPLYING WITH ASTM D1970 OR AN APPROVED SELF-ADHERING SYNTHETIC

CLAY AND CONCRETE TILE (IF APPLICABLE):

PER FBCR 2020 7TH EDITION R905.3, THE INSTALLATION OF CLAY AND CONCRETE
TILE AND REQUIRED UNDERLAYMENT SHALL BE IN ACCORDANCE WITH THE
MANUFACTURER'S INSTALLATION INSTRUCTIONS, OR RECOMMENDATIONS OF
FRSA/TRI FLORIDA HIGH WIND CONCRETE AND CLAY ROOF TILE INSTALLATION
MANUAL,
SIXTH EDITION WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION
R301.2.1.3 OR THE RECOMMENDATIONS OF RAS 118, 119 OR 120. PER FBCR 2020 7TH
EDITION R905.3.3, THE REQUIRED UNDERLAYMENT SHALL COMPLY WITH THE
MANUFACTURER'S INSTRUCTIONS IN ACCORDANCE WITH THE FRSA/TRI FLORIDA
HIGH WIND CONCRETE AND CLAY ROOF TILE INSTALLATION MANUAL, SIXTH EDITION
WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3 OR
THE RECOMMENDATIONS OF RAS 118, 199 OR 120.

R312.2.1 Window sills.

In dwelling units, where the top of the sill of an operable window opening is located less than 24 inches (610mm) above the finished floor and greater than 72 inches (1829 mm) above the finished grade or other surface below on the exterior of the building, the operable window shall comply with one of the following.

1. Operable windows with openings that will not allow a 4 inch diameter(102 mm) sphere to pass through the opening where the opening is in it's largest open position.

2. Operable windows that are provided with window fall prevention devices that comply with ASTM F2090.

3. Operable windows that are provided with window opening control devices that comply with Section R312.2.2.

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A M E R I C A N

INSTITUTE OF

BUILDING DESIGN



4401 Vineland Road Suite A6 Orlando. Fl. 32811 Michael A. Thompson PE # 47509

RK SQUARE HOMES

ENTRY SECTION

drawn: AB

date:

project no. 2018328 checked:

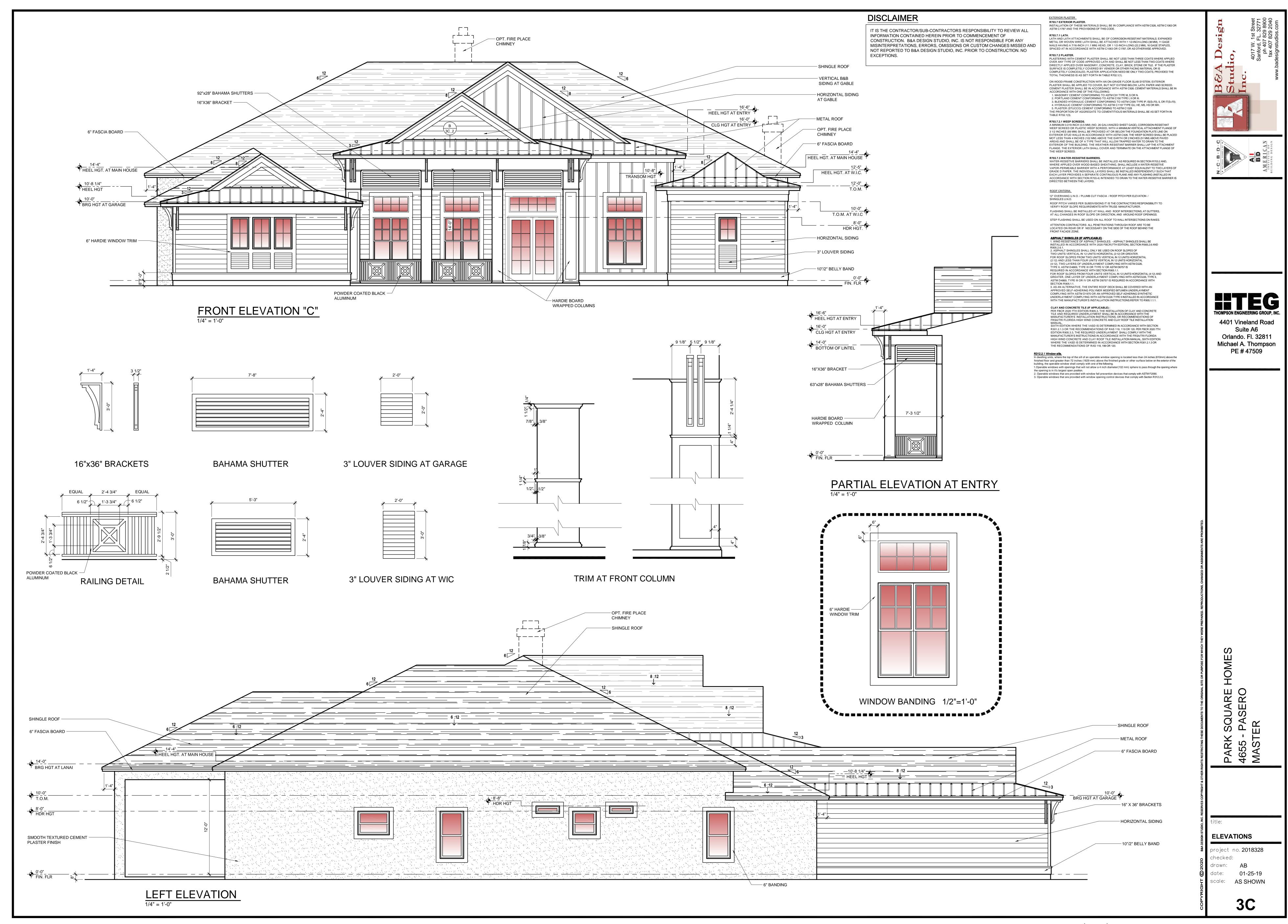
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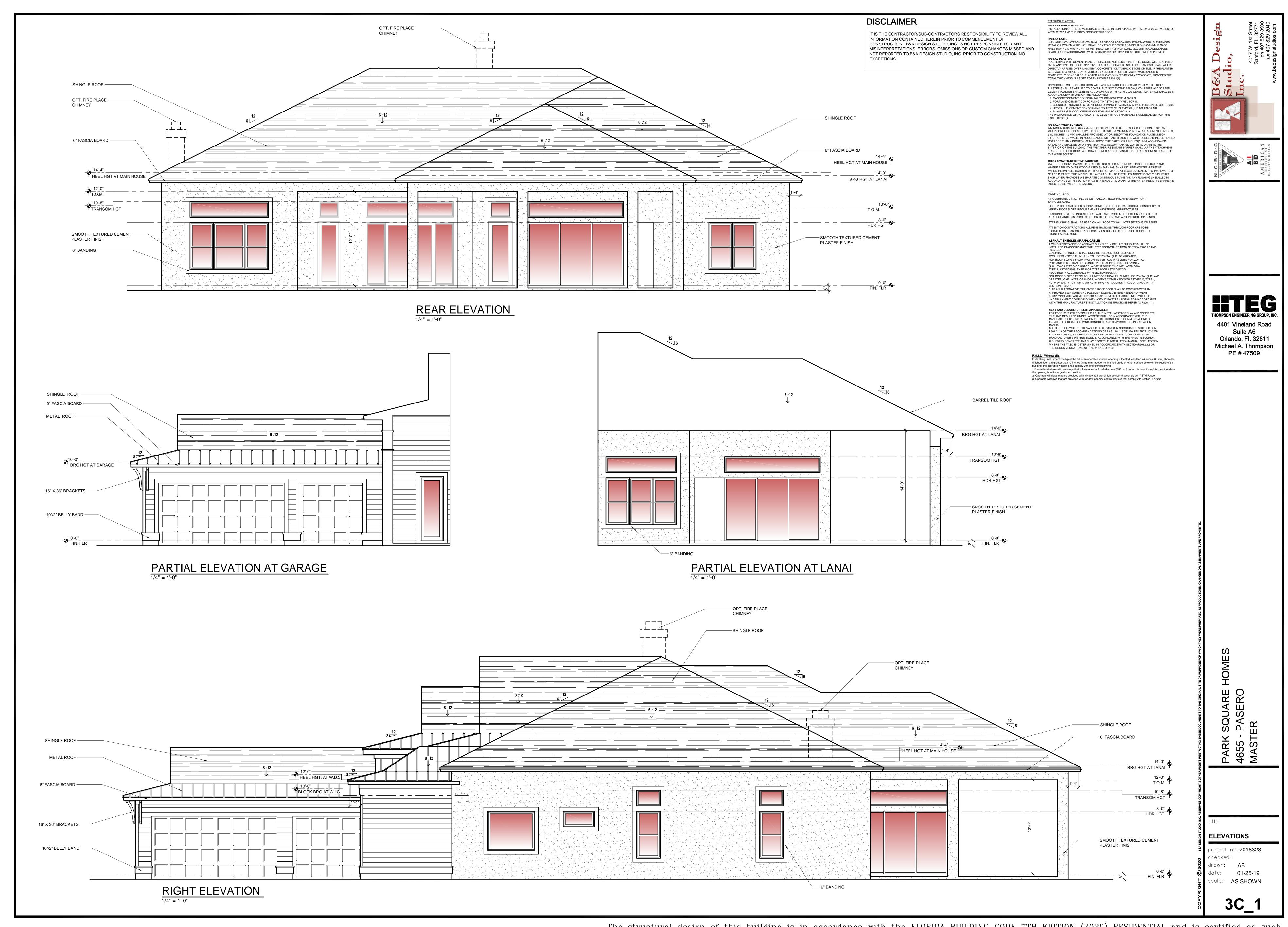
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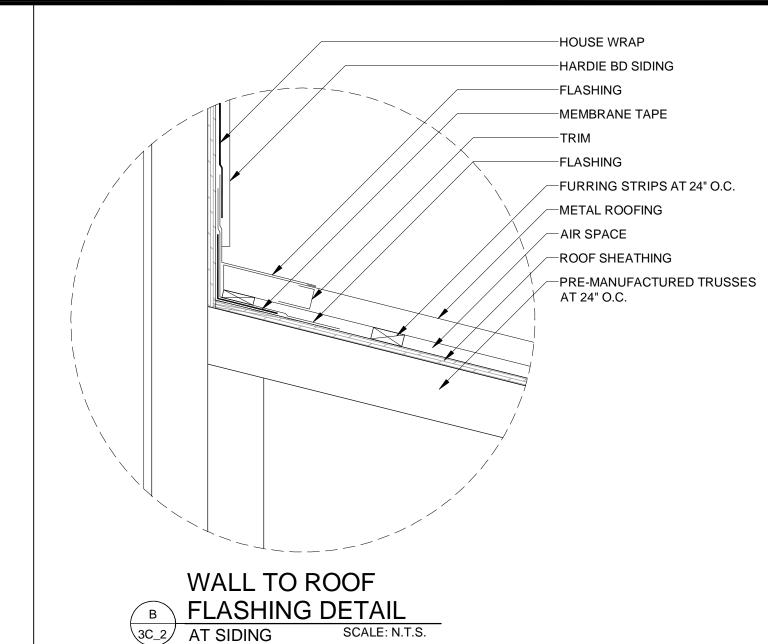
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EXTERIOR PLASTER

R703.7 EXTERIOR PLASTER.
INSTALLATION OF THESE MATERIALS SHALL BE IN COMPLIANCE WITH ASTM C926, ASTM C1063 OR ASTM C1787 AND THE PROVISIONS OF THIS CODE.

R703.7.1 LATH. LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1 1/2-INCH-LONG (38 MM), 11 GAGE NAILS HAVING A 7/16-INCH (11.1 MM) HEAD, OR 1 1/2-INCH-LONG (22.2 MM), 16 GAGE STAPLES,

PLASTERING WITH CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHERE APPLIED OVER ANY TYPE OF CODE-APPROVED LATH AND SHALL BE NOT LESS THAN TWO COATS WHERE DIRECTLY APPLIED OVER MASONRY, CONCRETE, CLAY, BRICK, STONE OR TILE. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS, PROVIDED THE TOTAL THICKNESS IS AS SET FORTH IN TABLE R702.1(1).

ON WOOD-FRAME CONSTRUCTION WITH AN ON-GRADE FLOOR SLAB SYSTEM, EXTERIOR PLASTER SHALL BE APPLIED TO COVER, BUT NOT EXTEND BELOW, LATH, PAPER AND SCREED. CEMENT PLASTER SHALL BE IN ACCORDANCE WITH ASTM C926. CEMENT MATERIALS SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING:

1. MASONRY CEMENT CONFORMING TO ASTM C91 TYPE M, S OR N.

2. PORTLAND CEMENT CONFORMING TO ASTM C150 TYPE I, II OR III.

3. BLENDED HYDRAULIC CEMENT CONFORMING TO ASTM C595 TYPE IP, IS(S<70), IL OR IT(S<70). HYDRAULIC CEMENT CONFORMING TO ASTM C1157 TYPE GU, HE, MS, HS OR MH.
 PLASTER (STUCCO) CEMENT CONFORMING TO ASTM C1328

THE PROPORTION OF AGGREGATE TO CEMENTITIOUS MATERIALS SHALL BE AS SET FORTH IN TABLE R702.1(3). R703.7.2.1 WEEP SCREEDS.

A MINIMUM 0.019-INCH (0.5 MM) (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED, WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3 1/2 INCHES (89 MM) SHALL BE PROVIDED AT OR BELOW THE FOUNDATION PLATE LINE ON EXTERIOR STUD WALLS IN ACCORDANCE WITH ASTM C926. THE WEEP SCREED SHALL BE PLACED MOT LESS THAN 4 INCHES (102 MM) ABOVE THE EARTH OR 2 INCHES (51 MM) ABOVE PAVED

AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT

FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED. R703.7.3 WATER-RESISTIVE BARRIERS.
WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION R703.2 AND,
WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING (INSTALLED IN ACCORDANCE WITH SECTION R703.4) INTENDED TO DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS.

ROOF CRITERIA 12" OVERHANG U.N.O. / PLUMB CUT FASCIA / ROOF PITCH PER ELEVATION / SHINGLES U.N.O. ROOF PITCH VARIES PER SUBDIVISIONS IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ROOF SLOPE REQUIREMENTS WITH TRUSS MANUFACTURER. FLASHING SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS, AT GUTTERS, AT ALL CHANGES IN ROOF SLOPE OR DIRECTION, AND AROUND ROOF OPENINGS. STEP FLASHING SHALL BE USED ON ALL ROOF TO WALL INTERSECTIONS ON RAKES. ATTENTION CONTRACTORS ALL PENETRATIONS THROUGH ROOF ARE TO BE LOCATED ON REAR OR IF NECESSARY ON THE SIDE OF THE ROOF BEHIND THE FRONT FACADE ZONE.

ASPHALT SHINGLES (IF APPLICABLE):

1. WIND RESISTANCE OF ASPHALT SHINGLES. - ASPHALT SHINGLES SHALL BE INSTALLED IN ACCORDANCE WITH 2020 FBCR(7TH EDITION), SECTION R905.2.6 AND R905.2.6.1.

2. ASPHALT SHINGLES SHALL ONLY BE USED ON ROOF SLOPES OF TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) OR GREATER.
FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (2:12) AND LESS THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12), TWO LAYERS OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE III OR TYPE IV OR ASTM D6757 IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.
FOR ROOF SLOPES FROM FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (4:12) AND GREATER, ONE LAYER OF UNDERLAYMENT COMPLYING WITH ASTM D226, TYPE II, ASTM D4869, TYPE III OR IV OR ASTM D6757 IS REQUIRED IN ACCORDANCE WITH SECTION R905.1.1.
3. AS AN ALTERNATIVE, THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN UNDERLAYMENT COMPLYING WITH ASTM D1970 OR AN APPROVED SELF-ADHERING SYNTHETIC UNDERLAYMENT COMPLYING WITH ASTM D226 TYPE II INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.REFER TO R905.1.1.1.

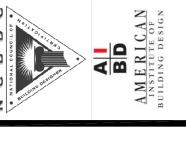
CLAY AND CONCRETE TILE (IF APPLICABLE): PER FBCR 2020 7TH EDITION R905.3, THE INSTALLATION OF CLAY AND CONCRETE TILE AND REQUIRED UNDERLAYMENT SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS, OR RECOMMENDATIONS OF FRSATRI FLORIDA HIGH WIND CONCRETE AND CLAY ROOF TILE INSTALLATION MANUFACTURER'S INSTALLATION MANUFACTURER'S INSTALLATION MANUFACTURER'S THE PROPERTY OF THE PROPERTY MANUAL,
SIXTH EDITION WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION
R301.21.3 OR THE RECOMMENDATIONS OF RAS 118, 119 OR 120. PER FBCR 2020 7TH
EDITION R905.3.3, THE REQUIRED UNDERLAYMENT SHALL COMPLY WITH THE
MANUFACTURER'S INSTRUCTIONS IN ACCORDANCE WITH THE FRSA/TRI FLORIDA HIGH WIND CONCRETE AND CLAY ROOF TILE INSTALLATION MANUAL, SIXTH EDITION WHERE THE VASD IS DETERMINED IN ACCORDANCE WITH SECTION R301.2.1.3 OR THE RECOMMENDATIONS OF RAS 118, 199 OR 120.

R312.2.1 Window sills.

In dwelling units, where the top of the sill of an operable window opening is located less than 24 inches (610mm) above the finished floor and greater than 72 inches (1829 mm) above the finished grade or other surface below on the exterior of the building, the operable window shall comply with one of the following.

1. Operable windows with openings that will not allow a 4 inch diameter (102 mm) sphere to pass through the opening where the opening is in it's largest open position.

2. Operable windows that are provided with window fall prevention devices that comply with ASTM F2090. 3. Operable windows that are provided with window opening control devices that comply with Section R312.2.2.





Orlando. Fl. 32811 Michael A. Thompson PE # 47509

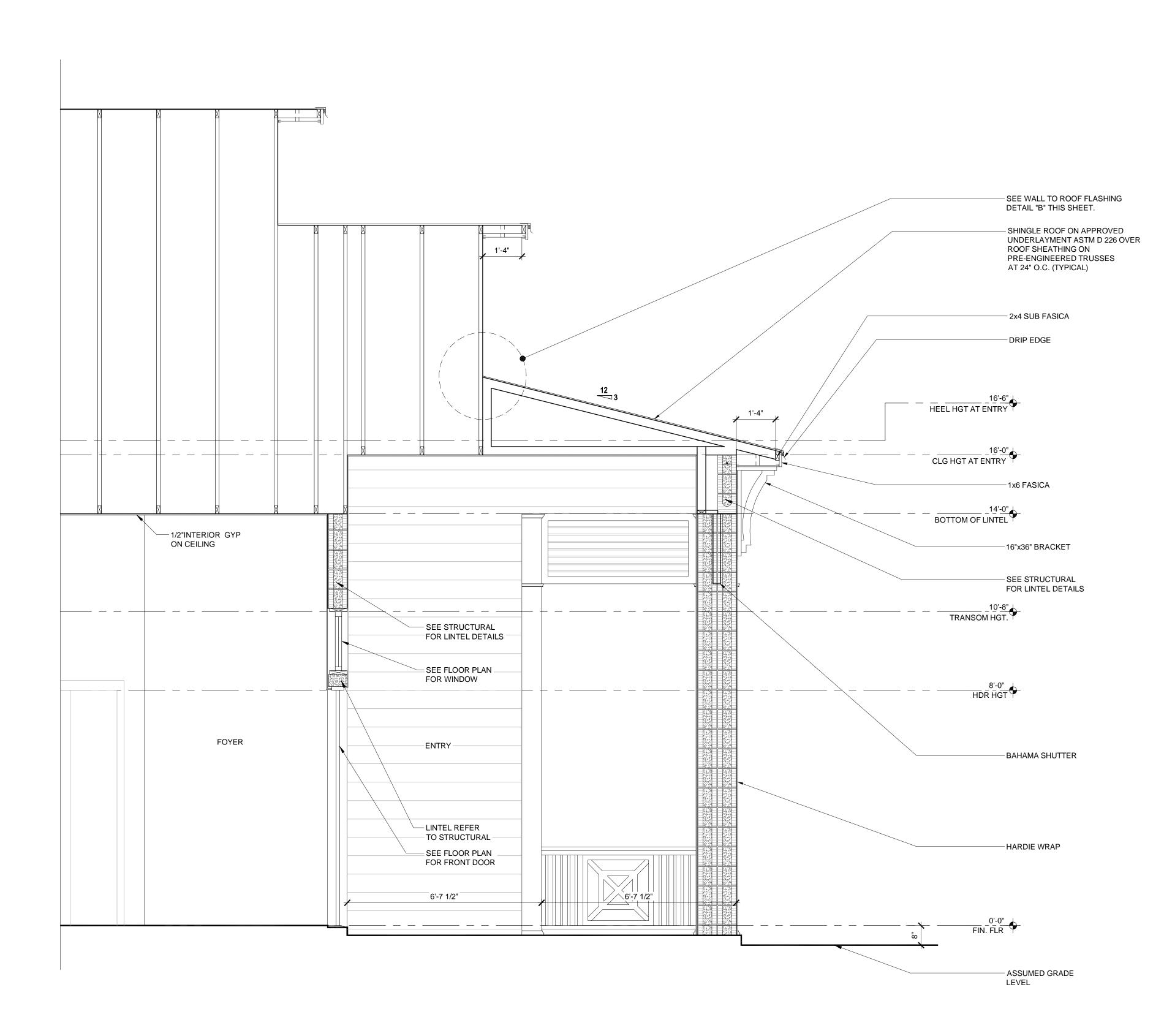
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ENTRY SECTION

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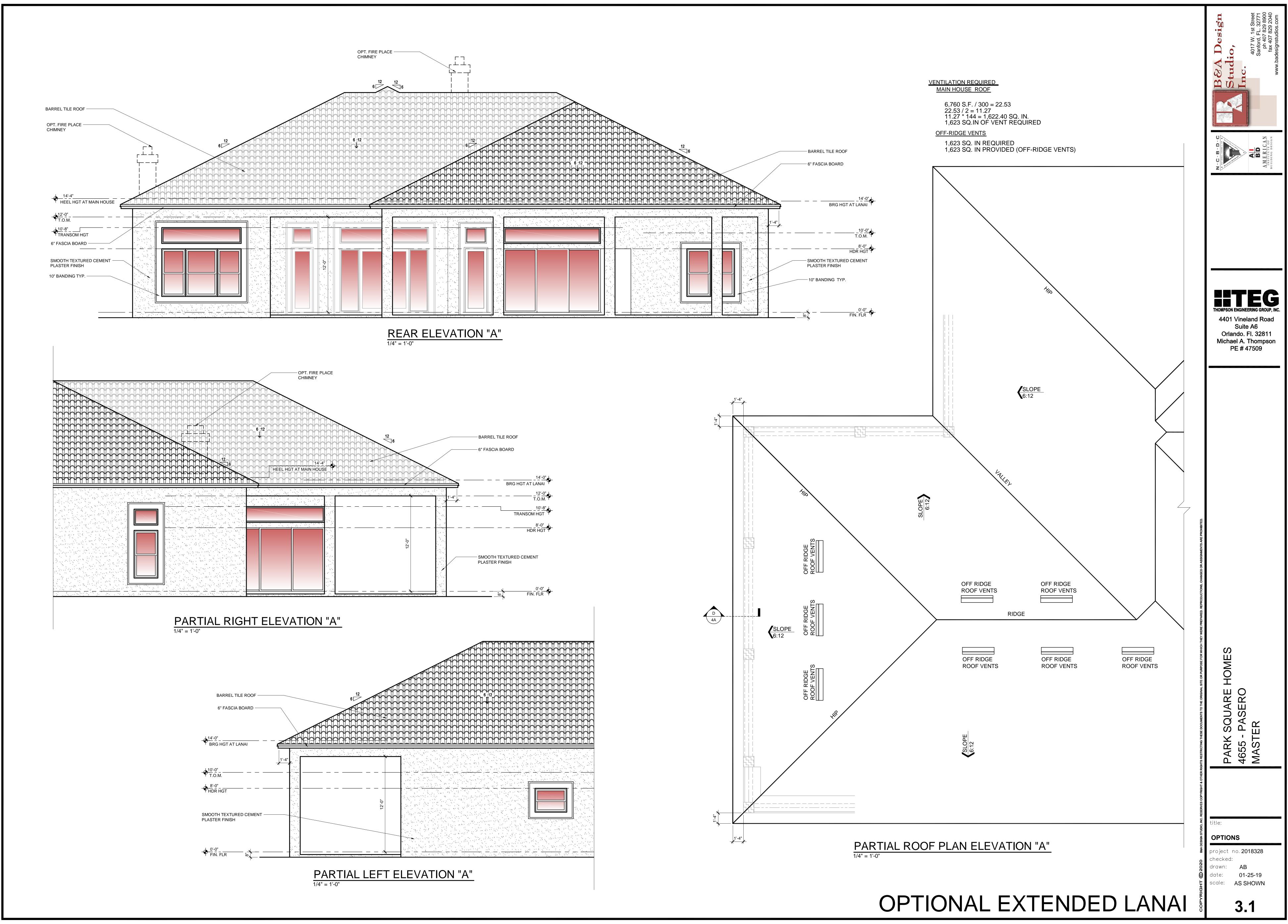
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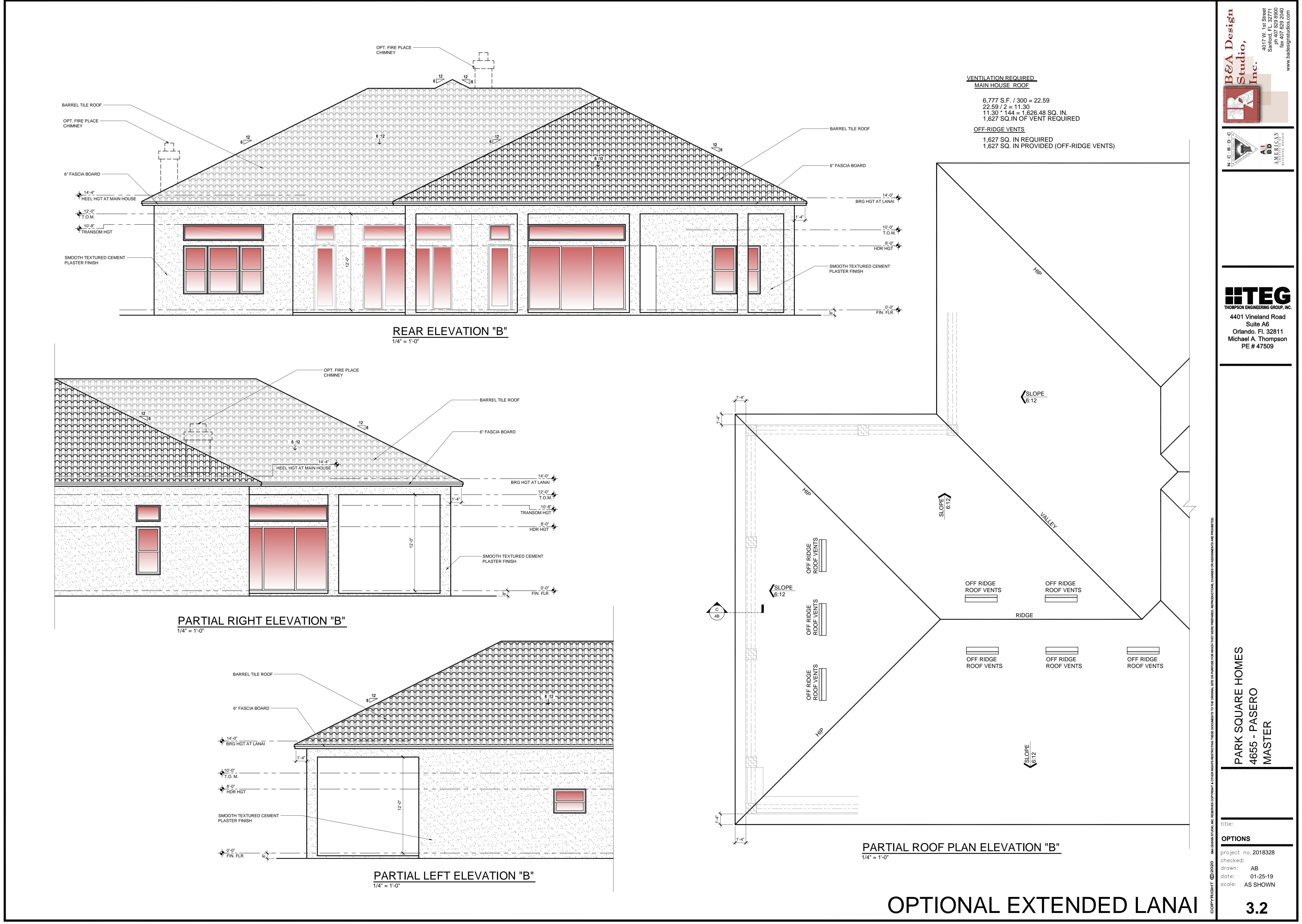


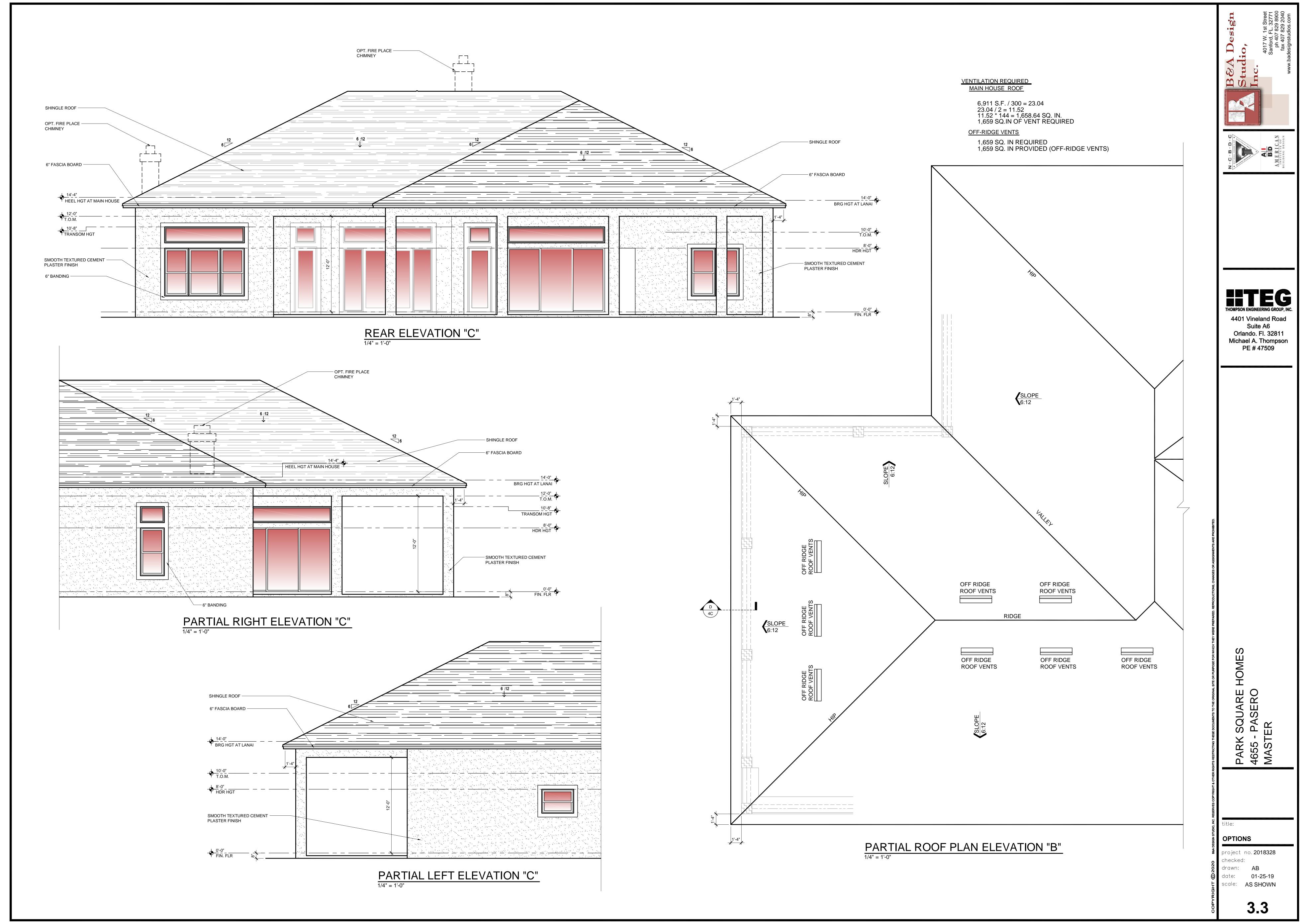
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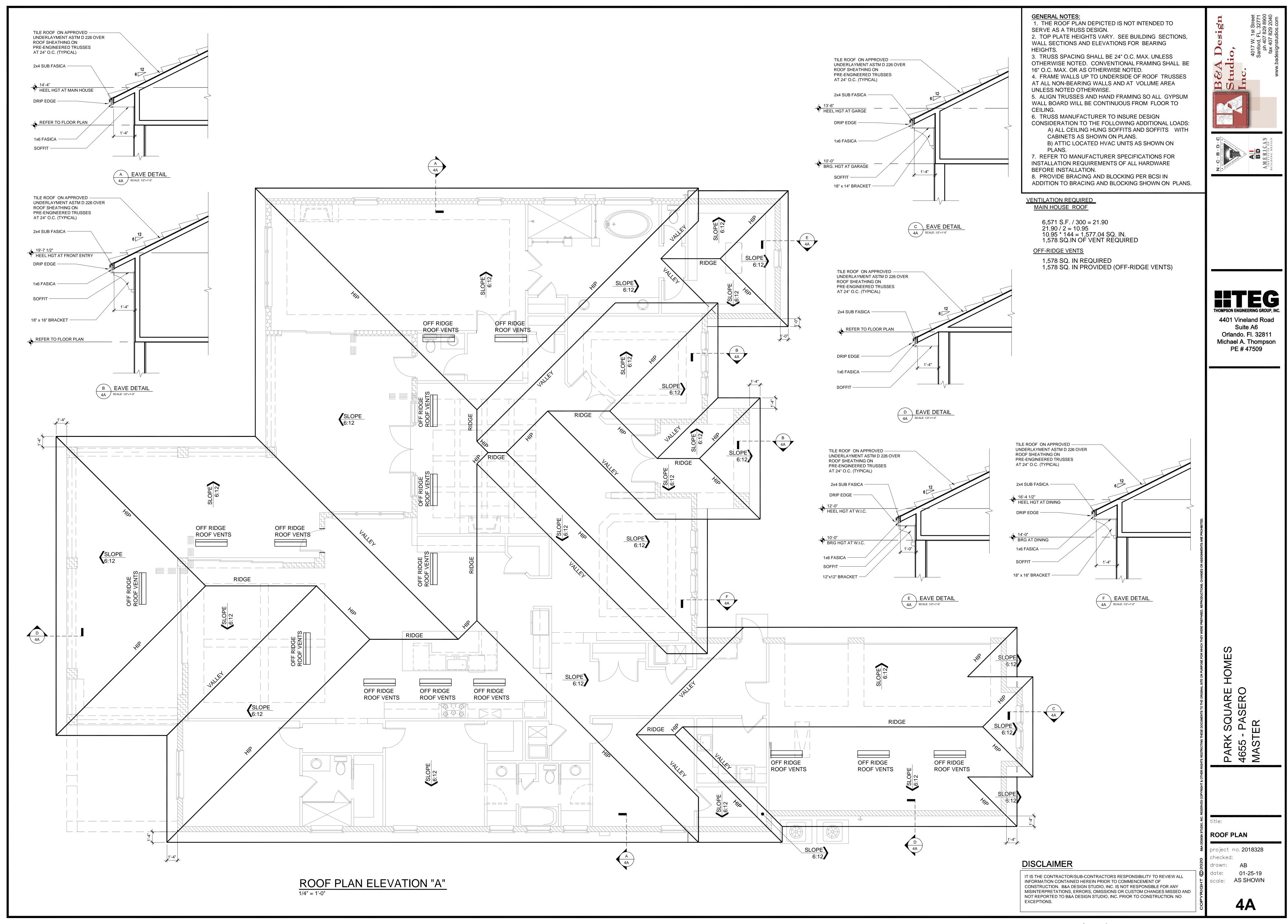
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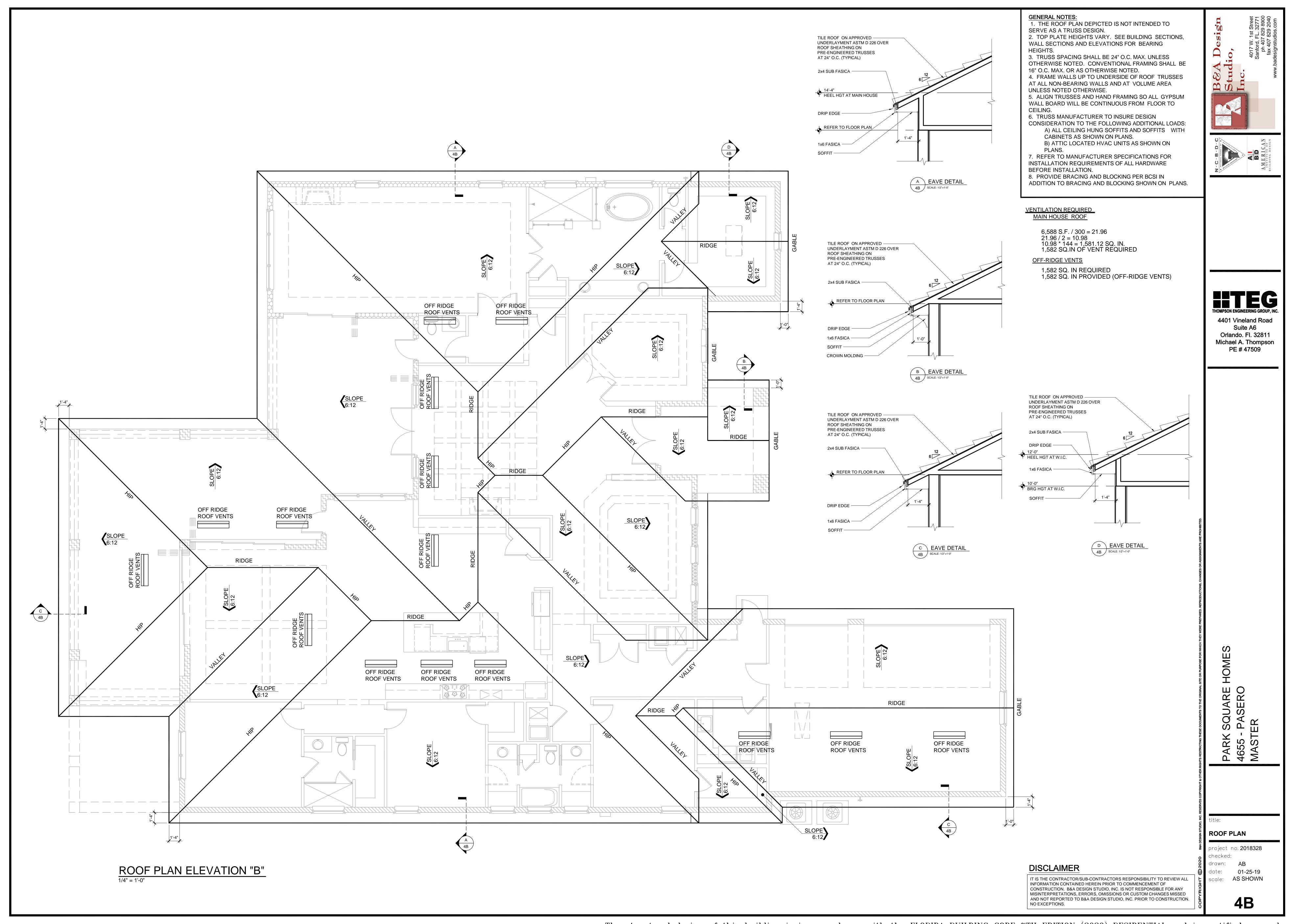
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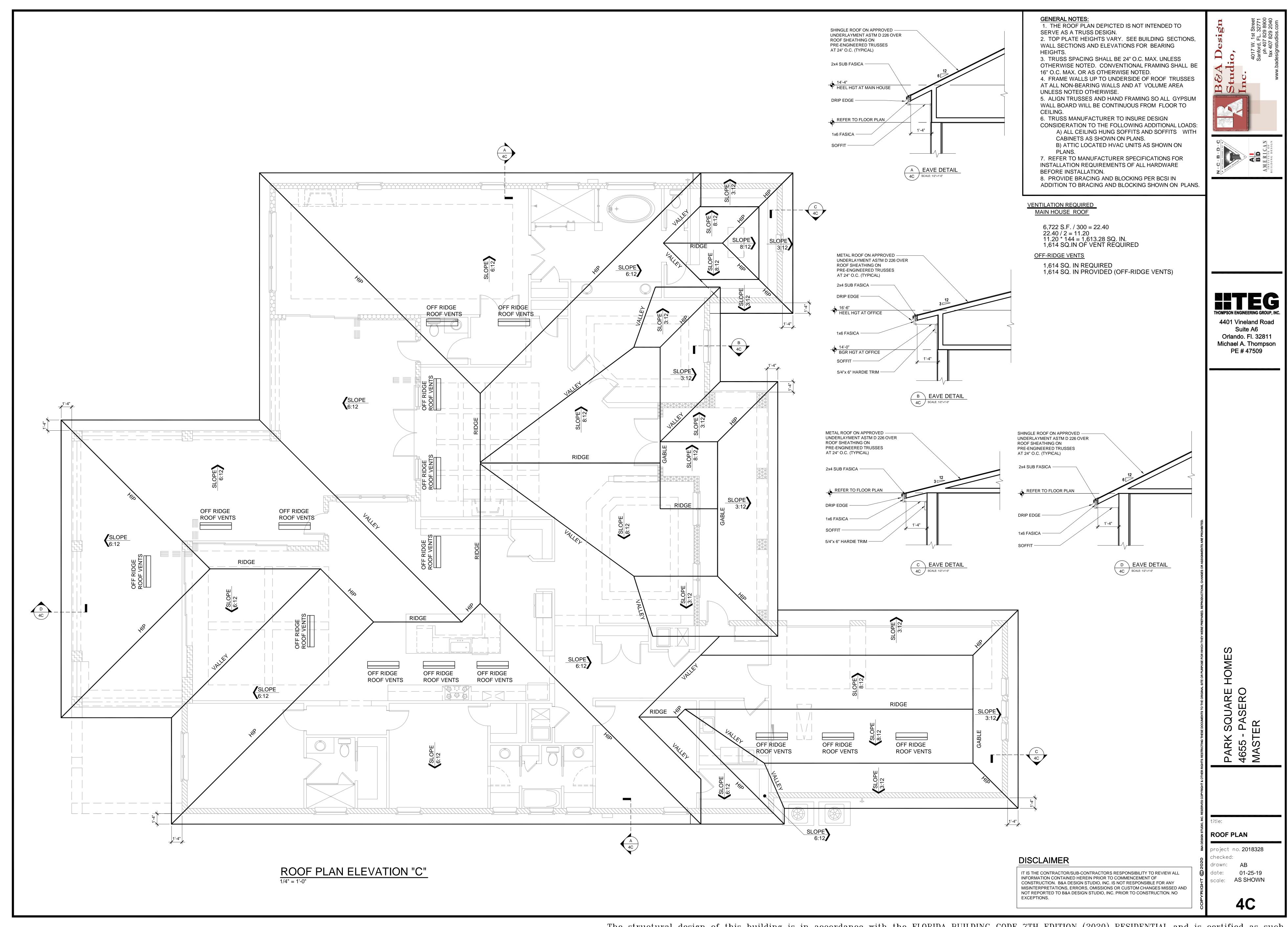


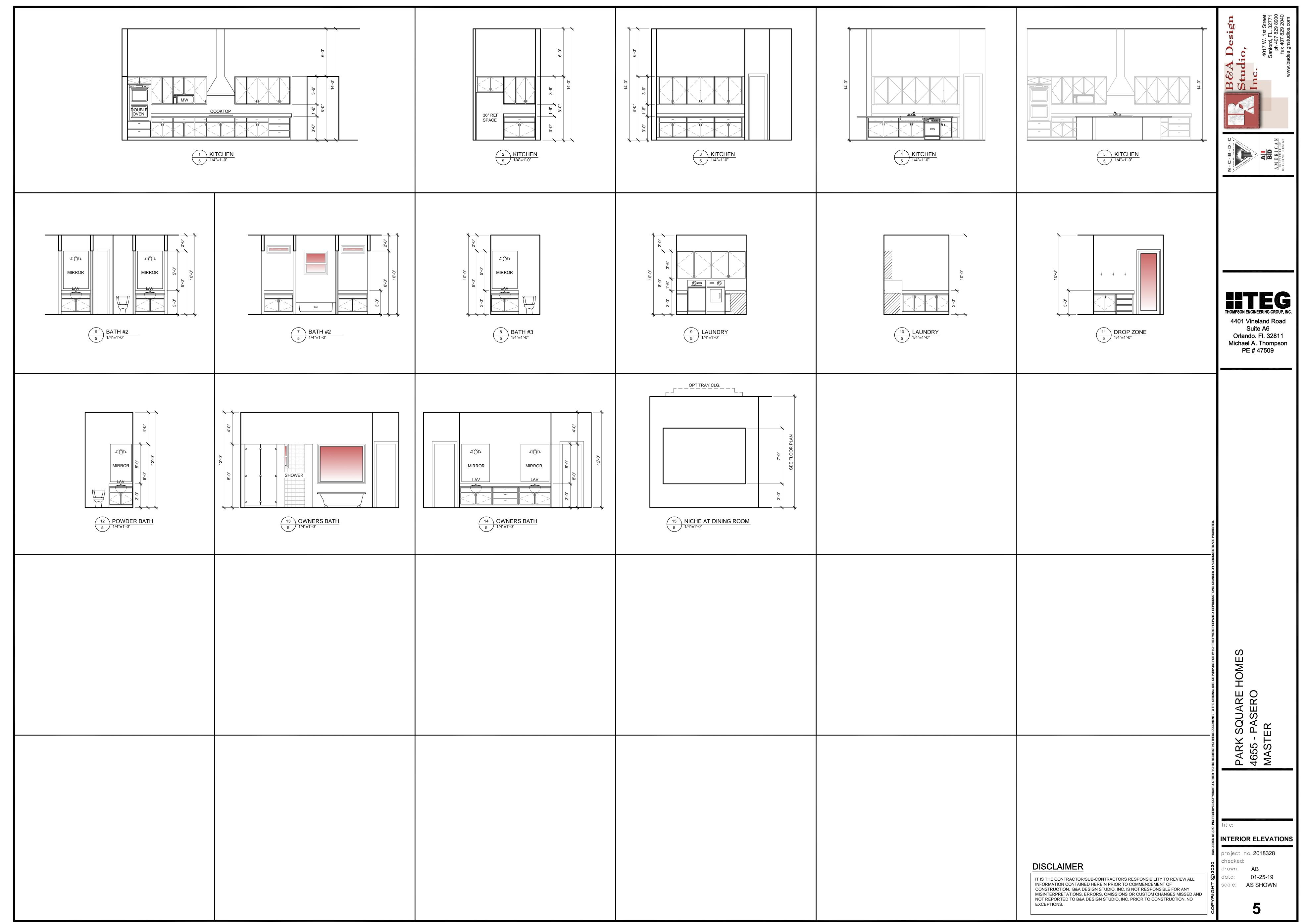


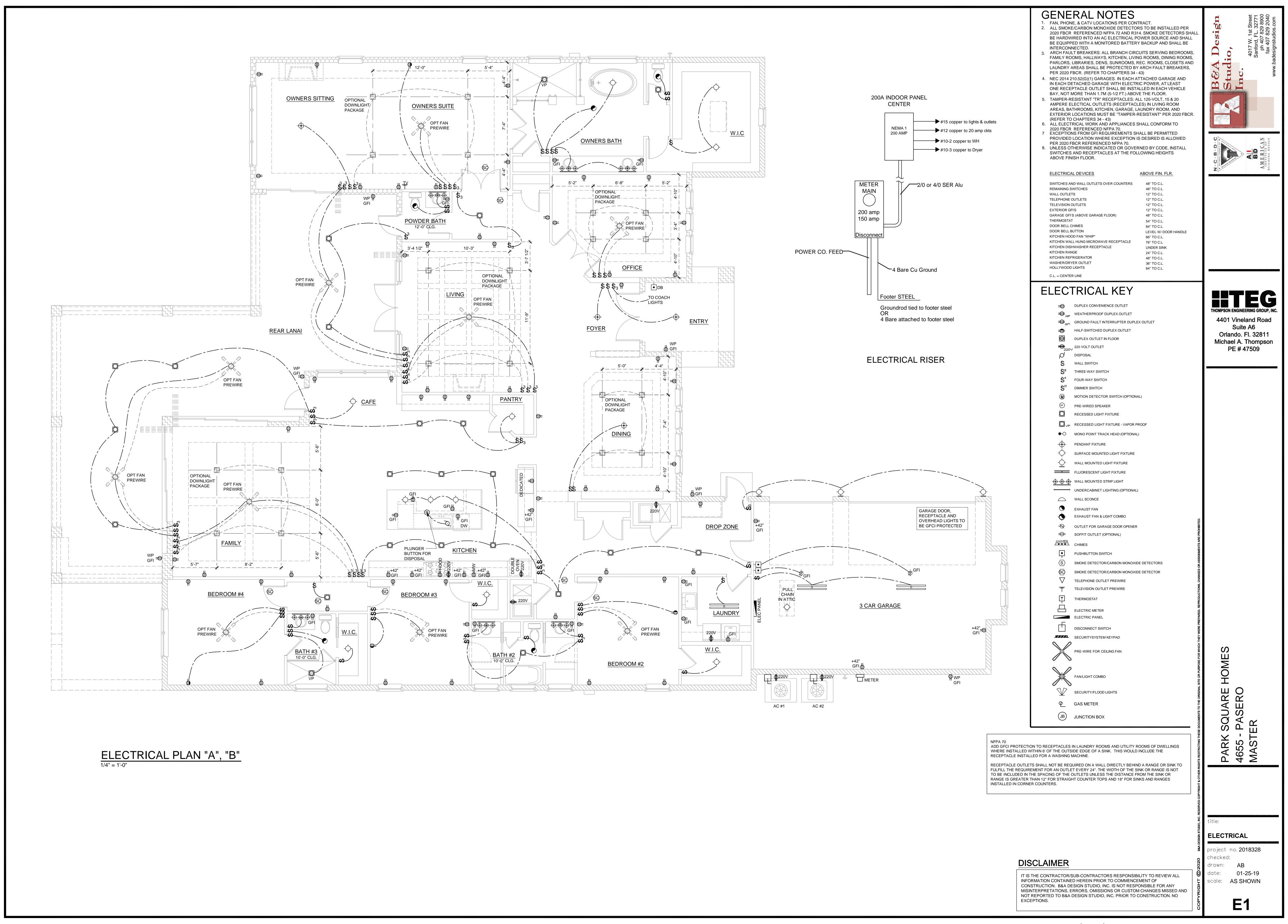


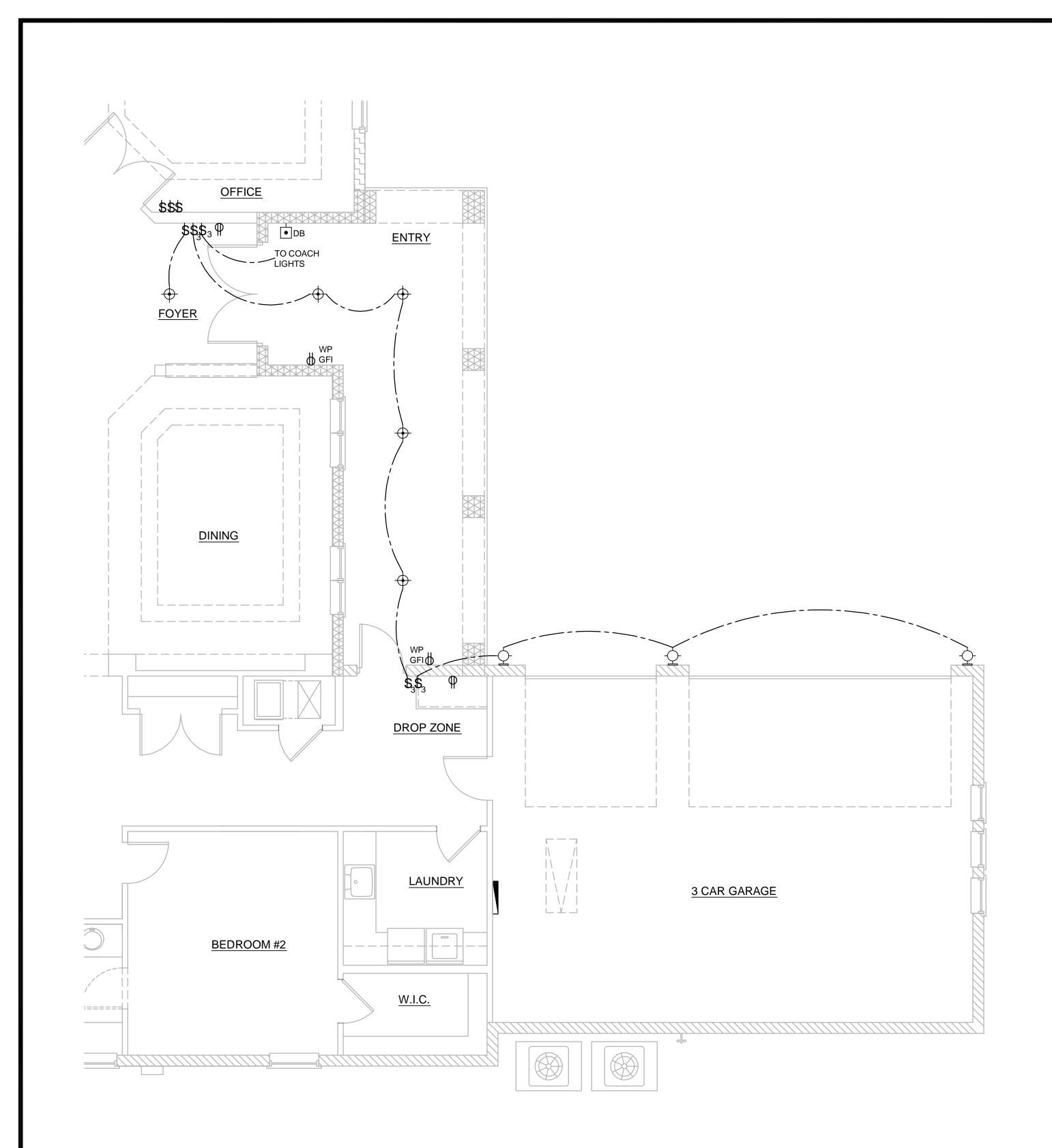












ELECTRICAL PLAN ELEVATION "C"

1/4" = 1'-0"

GENERAL NOTES

- FAN, PHONE, & CATV LOCATIONS PER CONTRACT.
 ALL SMOKE/CARBON MONOXIDE DETECTORS TO BE INSTALLED PER 2020 FBCR REFERENCED NFPA 72 AND R314. SMOKE DETECTORS SHALL BE HARDWIRED INTO AN AC ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP AND SHALL BE
- 3. ARCH FAULT BREAKERS: ALL BRANCH CIRCUITS SERVING BEDROOMS, FAMILY ROOMS, HALLWAYS, KITCHEN, LIVING ROOMS, DINING ROOMS, PARLORS, LIBRARIES, DENS, SUNROOMS, REC. ROOMS, CLOSETS AND LAUNDRY AREAS SHALL BE PROTECTED BY ARCH FAULT BREAKERS, PER 2020 FBCR. (REFER TO CHAPTERS 34 43)
- 4. NEC 2014 210.52(G)(1) GARAGES. IN EACH ATTACHED GARAGE AND IN EACH DETACHED GARAGE WITH ELECTRIC POWER, AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN EACH VEHICLE BAY, NOT MORE THAN 1.7M (5-1/2 FT.) ABOVE THE FLOOR.
- 5. TAMPER-RESISTANT "TR" RECEPTACLES: ALL 125-VOLT, 15 & 20
 AMPERE ELECTICAL OUTLETS (RECEPTACLES) IN LIVING ROOM
 AREAS, BATHROOMS, KITCHEN, GARAGE, LAUNDRY ROOM, AND
- EXTERIOR LOCATIONS MUST BE "TAMPER-RESISTANT" PER 2020 FBCR. (REFER TO CHAPTERS 34 43)

 6. ALL ELECTRICAL WORK AND APPLIANCES SHALL CONFORM TO 2020 FBCB. REFERENCED NEBA 70
- 2020 FBCR REFERENCED NFPA 70.
 7 EXCEPTIONS FROM GFI REQUIREMENTS SHALL BE PERMITTED PROVIDED LOCATION WHERE EXCEPTION IS DESIRED IS ALLOWED
- PER 2020 FBCR REFERENCED NFPA 70.

 8. UNLESS OTHERWISE INDICATED OR GOVERNED BY CODE, INSTALL SWITCHES AND RECEPTACLES AT THE FOLLOWING HEIGHTS ABOVE FINISH FLOOR.

ELECTRICAL DEVICES ABOVE FIN. FLR.

SWITCHES AND WALL OUTLETS	OVER COUNTERS	48" TO C.L.
REMAINING SWITCHES		48" TO C.L.
WALL OUTLETS		12" TO C.L.
TELEPHONE OUTLETS		12" TO C.L.
TELEVISION OUTLETS		12" TO C.L.
EXTERIOR GFI'S		12" TO C.L.
GARAGE GFI'S (ABOVE GARAGE	FLOOR)	48" TO C.L.
THERMOSTAT		54" TO C.L.
DOOR BELL CHIMES		84" TO C.L.
DOOR BELL BUTTON		LEVEL W/ DOOR HANDLE
KITCHEN HOOD FAN "WHIP"		66" TO C.L.
KITCHEN WALL HUNG MICROWA	VE RECEPTACLE	76" TO C.L.
KITCHEN DISHWASHER RECEPT	ACLE	UNDER SINK

24" TO C.L.

48" TO C.L.

WASHER/DRYER OUTLET
HOLLYWOOD LIGHTS

C.L. = CENTER LINE

DUPLEX CONVENIENCE OUTLET

WEATHERPROOF DUPLEX OUTLET

GROUND FAULT INTERRUPTER DUPLEX OUTLET

HALF-SWITCHED DUPLEX OUTLET

DUPLEX OUTLET IN FLOOR

DISPOSAL

S WALL SWITCH

S THREE-WAY SWITCH

220 VOLT OUTLET

ELECTRICAL KEY

KITCHEN RANGE

KITCHEN REFRIGERATOR

\$ four-way switch

Dimmer switch

MOTION DETECTOR SWITCH (OPTIONAL)

SP PRE-WIRED SPEAKER

RECESSED LIGHT FIXTURE

RECESSED LIGHT FIXTURE - VAPOR PROOF

MONO POINT TRACK HEAD (OPTIONAL)

PENDANT FIXTURE

SURFACE MOUNTED LIGHT FIXTURE

WALL MOUNTED LIGHT FIXTURE

FLUORESCENT LIGHT FIXTURE

WALL MOUNTED STRIP LIGHT
UNDERCABINET LIGHTING (OPTIONAL)

WALL SCONCE

EXHAUST FAN

EXHAUST FAN & LIGHT COMBO

OUTLET FOR GARAGE DOOR OPENER

SOFFIT OUTLET (OPTIONAL)

SOFFIT OUTLET (OPTIONAL)

CHIMES
CHIMES
PUSHBUTTON SWITCH

S SMOKE DETECTOR/CARBON MONOXIDE DETECTORS

SMOKE DETECTOR/CARBON MONOXIDE DETECTOR

TELEPHONE OUTLET PREWIRE

TELEVISION OUTLET PREWIRE
THERMOSTAT
ELECTRIC METER

ELECTRIC PANEL

DISCONNECT SWITCH

SECURITYSYSTEM KEYPAD

PRE-WIRE FOR CEILING FAN

FAN/LIGHT COMBO

SECURITY/FLOOD LIGHTS

Φ GAS METER

JB JUNCTION BOX

NFPA 70
ADD GFCI PROTECTION TO RECEPTACLES IN LAUNDRY ROOMS AND UTILITY ROOMS OF DWELLINGS WHERE INSTALLED WITHIN 6' OF THE OUTSIDE EDGE OF A SINK. THIS WOULD INCLUDE THE

RECEPTACLE OUTLETS SHALL NOT BE REQUIRED ON A WALL DIRECTLY BEHIND A RANGE OR SINK TO FULFILL THE REQUIREMENT FOR AN OUTLET EVERY 24". THE WIDTH OF THE SINK OR RANGE IS NOT TO BE INCLUDED IN THE SPACING OF THE OUTLETS UNLESS THE DISTANCE FROM THE SINK OR RANGE IS GREATER THAN 12" FOR STRAIGHT COUNTER TOPS AND 18" FOR SINKS AND RANGES INSTALLED IN CORNER COUNTERS.

DISCLAIMER

RECEPTACLE INSTALLED FOR A WASHING MACHINE.

IT IS THE CONTRACTOR/SUB-CONTRACTORS RESPONSIBILITY TO REVIEW ALL INFORMATION CONTAINED HEREIN PRIOR TO COMMENCEMENT OF CONSTRUCTION. B&A DESIGN STUDIO, INC. IS NOT RESPONSIBLE FOR ANY MISINTERPRETATIONS, ERRORS, OMISSIONS OR CUSTOM CHANGES MISSED AND NOT REPORTED TO B&A DESIGN STUDIO, INC. PRIOR TO CONSTRUCTION. NO EXCEPTIONS.



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PE # 47509

PARK SQUARE HOMES 4655 - PASERO MASTER

PARK 4655

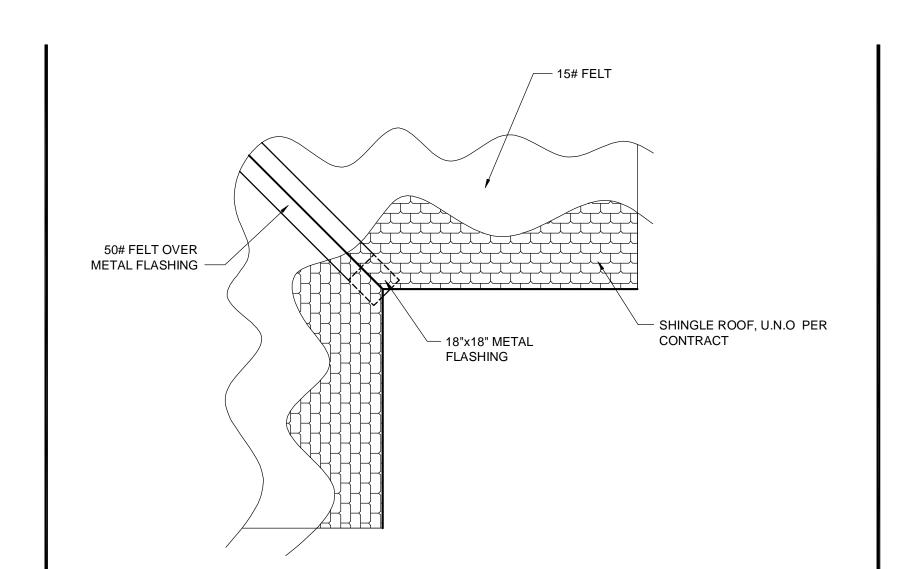
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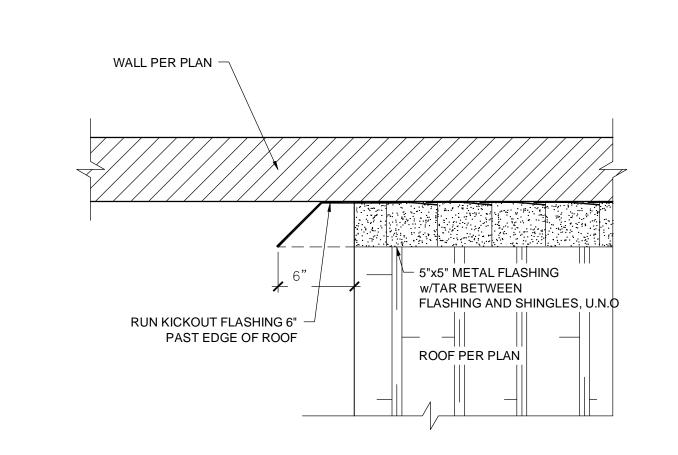
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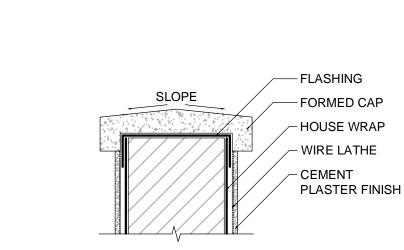


TYPICAL VALLEY FLASHING DETAIL



TYPICAL ROOF TO WALL FLASHING DETAIL

PLAN VIEW



TYPICAL ROOF TO WALL FLASHING DETAIL N.T.S.

5"x5" METAL FLASHING w/TAR BETWEEN

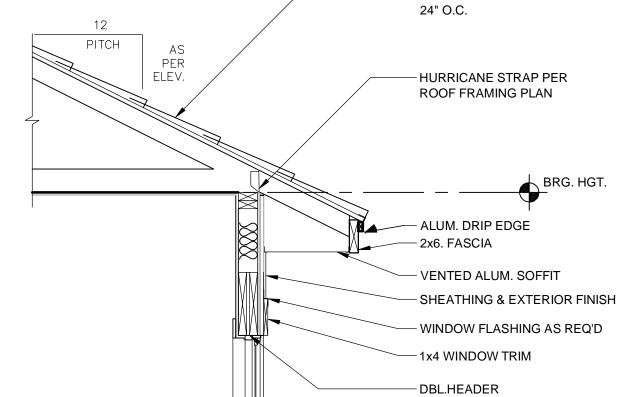
FLASHING AND SHINGLES U.N.O.

U.N.O. PER

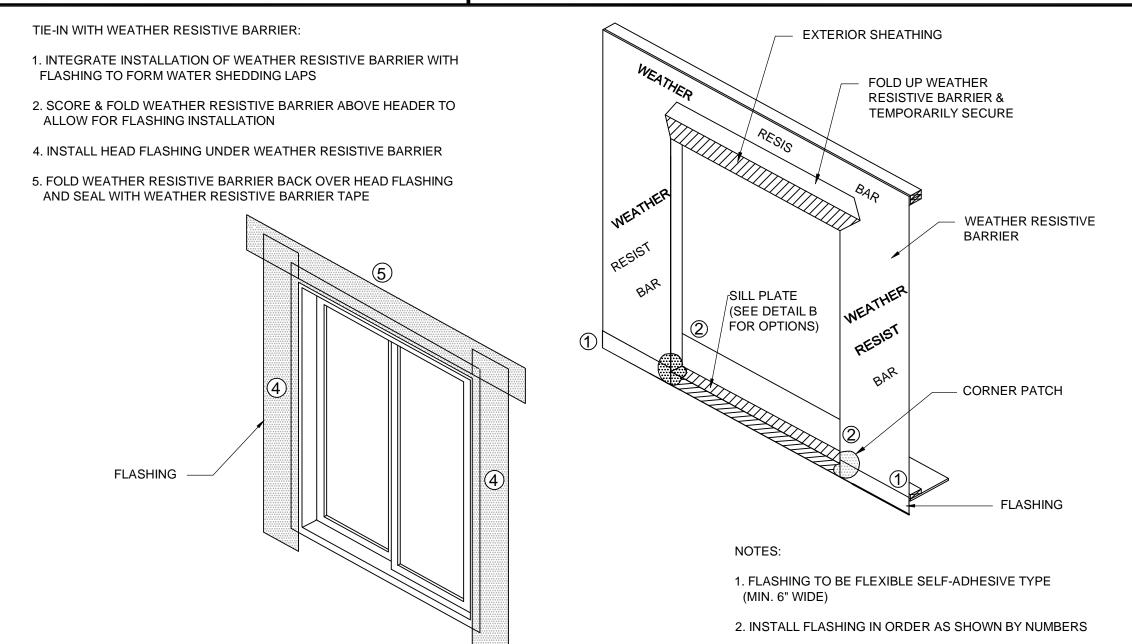
CONTRACT

CAP @ LOW WALL

3 TAB 25 YR SHINGLE ON APPROVED UNDERLAYMENT ASTM D 226 OVER ROOF SHEATHING SPECIFIED ON NAILING SCHEDULE ROOF OVER PRE-ENGINEERED ROOF TRUSSES @ PITCH PER ELEV. HURRICANE STRAP PER ROOF FRAMING PLAN

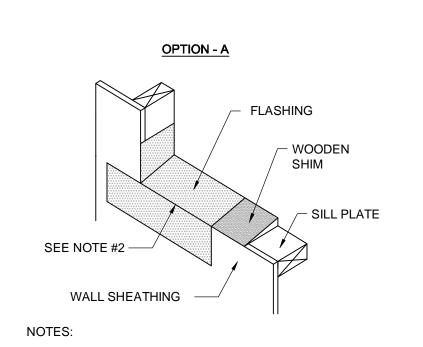


TYPICAL WINDOW & SLIDING GLASS DOOR Z FLASHING DETAIL



N.T.S.

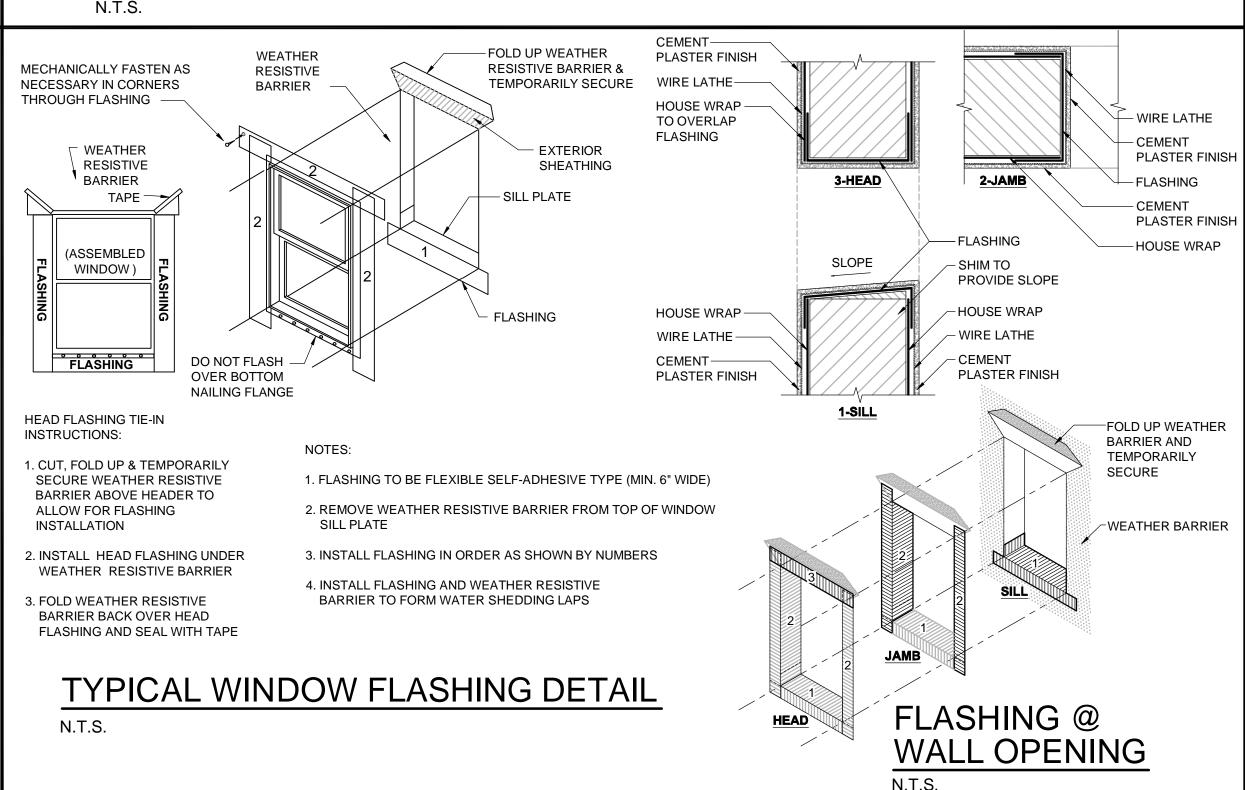
TYPICAL SLIDING GLASS DOOR FLASHING DETAIL



- 1. FLASHING TO BE FLEXIBLE SELF-ADHESIVE TYPE (MIN. 6" WIDE)
- 2. REMOVE WEATHER RESISTIVE BARRIER FROM TOP OF WINDOW SILL PLATE
- 3. INSTALL SILL FLASHING AS SHOWN ABOVE
- 4. INSTALL FLASHING AROUND REMAINING WINDOW UNIT
- 5. WEATHER RESISTIVE BARRIER TO FORM WATER SHEDDING LAPS

TYPICAL FLASHING DETAIL AT SILL PLATE

N.T.S.



WALL COVERING

SECTION R703 EXTERIOR COVERING EXTERIOR WALLS SHALL PROVIDE THE BUILIDNG WITH A WEATHER-RESISTANT EXTERIOR WALL ENVELOPE. THE EXTERIOR WALL ENVELOPE SHALL INCLUDE FLASHING AS DESCRIBED IN SECTION R703.4.

R703.1.1 WATER RESISTANCE

THE EXTERIOR WALL ENVELOPE SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT PREVENTS THE ACCUMULATION OF WATER WITHIN THE WALL ASSEMBLY BY PROVIDING A WATER-RESISTIVE BARRIER BEHIND THE EXTERIOR CLADDING AS REQUIRED BY SECTION R703.2 AND A MEANS OF DRAINING TO THE EXTERIOR WALL THAT PENETRATES THE EXTERIOR CLADDING.

R703.2 WATER-RESISTIVE BARRIEF

ONE LAYER OF NO.15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING WITH ASTM D226 FOR TYPE 1 FELT OR OTHER APPROVED WATER-RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS. NO,15 ASPHALT FELT SHALL BE APPLIED HORIZONTALLY, WITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES (51MM). WHERE JOINTS OCCUR, FELT SHALL BE LAPPED NOT LESS THAN 6 INCHES (152 MM). OTHER APPROVED MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE WATER-RESISTIVE BARRIER MANUFACTURER'S INSTALLATION INSTRUCTIONS. THE NO.15 ASPHALT FELT OR OTHER APPROVED WATER-RESISTIVE BARRIER MATERIAL SHALL BE CONTINUOUS TO THE TOP OF WALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTERIOR WALL **ENVELOPE AS DESCRIBED IN SECTION R703.1.**

R703.4 FLASHING

APPROVED METAL FLASHING, VINYL FLASHING, SELF-ADHERED MEMBRANES AND MECHANICALLY ATTACHED FLEXIBLE FLASHING SHALL BE APPLIED SHINGLE-FASHION OR IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. METAL FLASHING SHALL BE CORROSION RESISTANT. FLUID-APPLIED MEMBRANES USED AS FLASHING SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL FLASHING SHALL BE APPLIED IN A MANNER TO PREVENT THE ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURE FRAMING COMPONENTS. SELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. ALL EXTERIOR FENESTRATION PRODUCTS SHALL BE SEALED AT THE JUNCTURE WITH THE BUILDING WALL WITH A SEALANT COMPLYING WITH THE AAMA 800 OR ASTM C920 CLASS 25 GRADE NS OR GREATER FOR PROPER JOINT EXPANSION AND CONTRACTION, ASTM C1281, AAMA 812, OR OTHER APPROVED STANDARD AS APPROPRIATE FOR THE TYPE OF SEALANT. FLUID-APPLIED MEMBRANES USED AS FLASHING IN EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH. APPROVED FLASHINGS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS.

1. EXTERIOR WINDOW AND DOOR OPENINGS. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER COMPLYING WITH SECTION 703.2 FOR SUBSEQUENT DRAINAGE. MECHANICALLY ATTACHED FLEXIBLE FLASHINGS SHALL COMPLY WITH AAMA 712. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL BE INSTALLED IN ACCORDANCE WITH ONE OR MORE

1.1 THE FENESTRATION MANUFACTURER INSTALLATION AND FLASHING INSTRUCTIONS, OR FOR APPLICATIONS NOT ADDRESSED IN THE FENESTRATION MANUFACTURER'S INSTRUCTIONS, IN ACCORDANCE WITH THE FLASHING MANUFACTURER'S INSTRUCTIONS. WHERE FLASHING INSTRUCTIONS OR DETAILS ARE NOT PROVIDED, PAN FLASHING SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOWS AND DOOR OPENINGS. PAN FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DIRECT WATER TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENINGS USING PAN FLASHING SHALL INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES.

- 1.2 IN ACCORDANCE WITH THE FLASHING DESIGN OR METHOD OF A REGISTERED DESIGN PROFESSIONAL
- 1.3 IN ACCORDANCE WITH OTHER APPROVED METHODS 1.4 IN ACCORDANCE WITH FMA/AAMA 100, FMA/AAMA 200, FMA/WDMA 250, FMA/AAMA/WDMA 300 OR 400.

2. AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS, WITH PROJECTING LIPS ON BOTH SIDES UNDER STUCCO COPINGS.

- 3. UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS.
- 4. CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.

5. WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAME CONSTRUCTION.

6. AT WALL AND ROOF INTERSECTIONS.

7. AT BUILT-IN GUTTERS.

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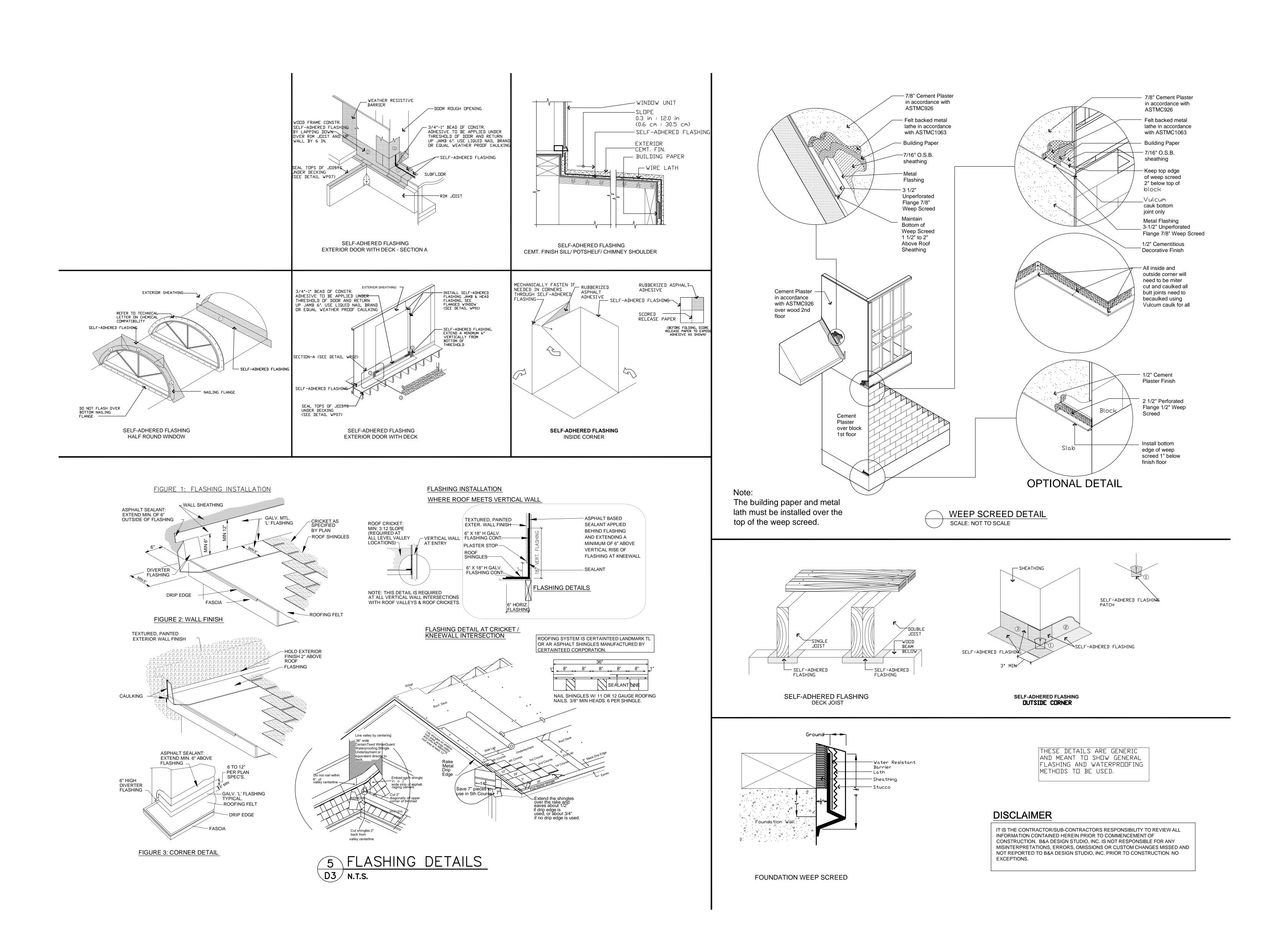
Michael A. Thompson PE # 47509

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FLASHING DETAILS

project no. **2018328** drawn: AB date: 01-25-19

scale: **AS NOTED** WP1





AMERICAN INSTITUTE OF BUILDING DESIGN

THOMPSON ENGINEERING GROUP, INC.

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PARK SQUARE HOMES 4655 - PASERO MASTER

FLASHING DETAILS

project no. 2018328
checked:
drawn: AB
date: 01-25-19
scale: AS NOTED

WP2