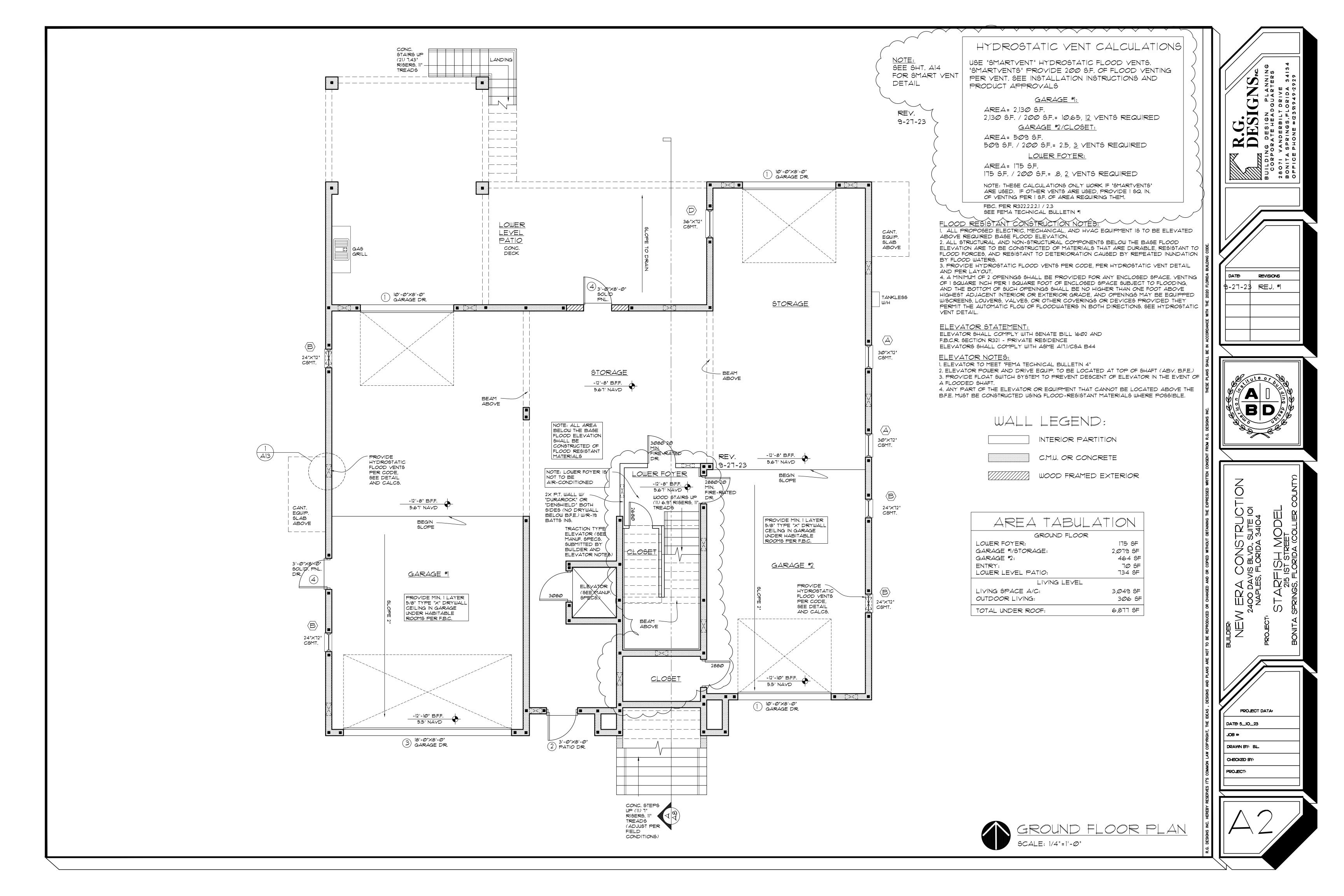
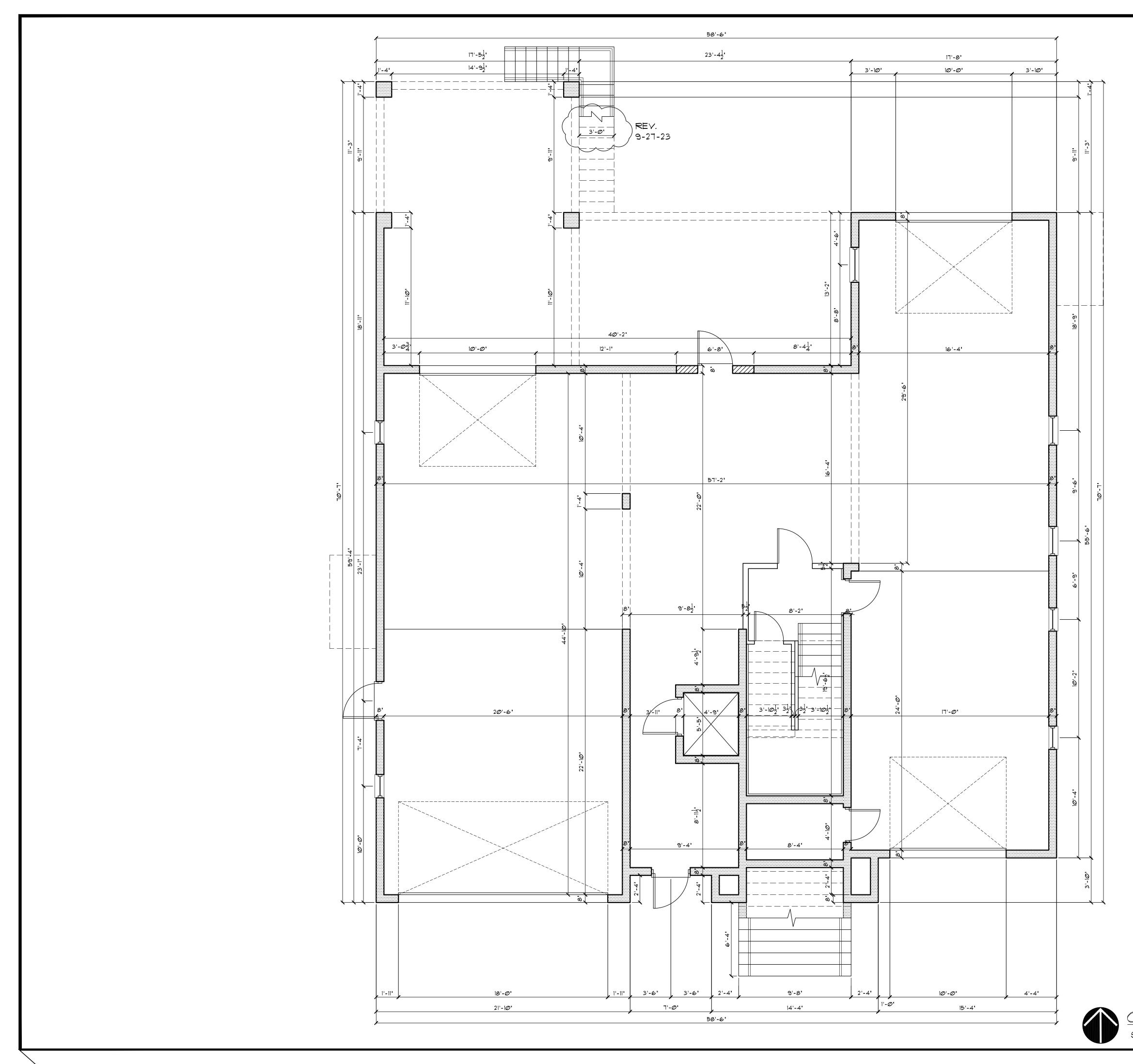
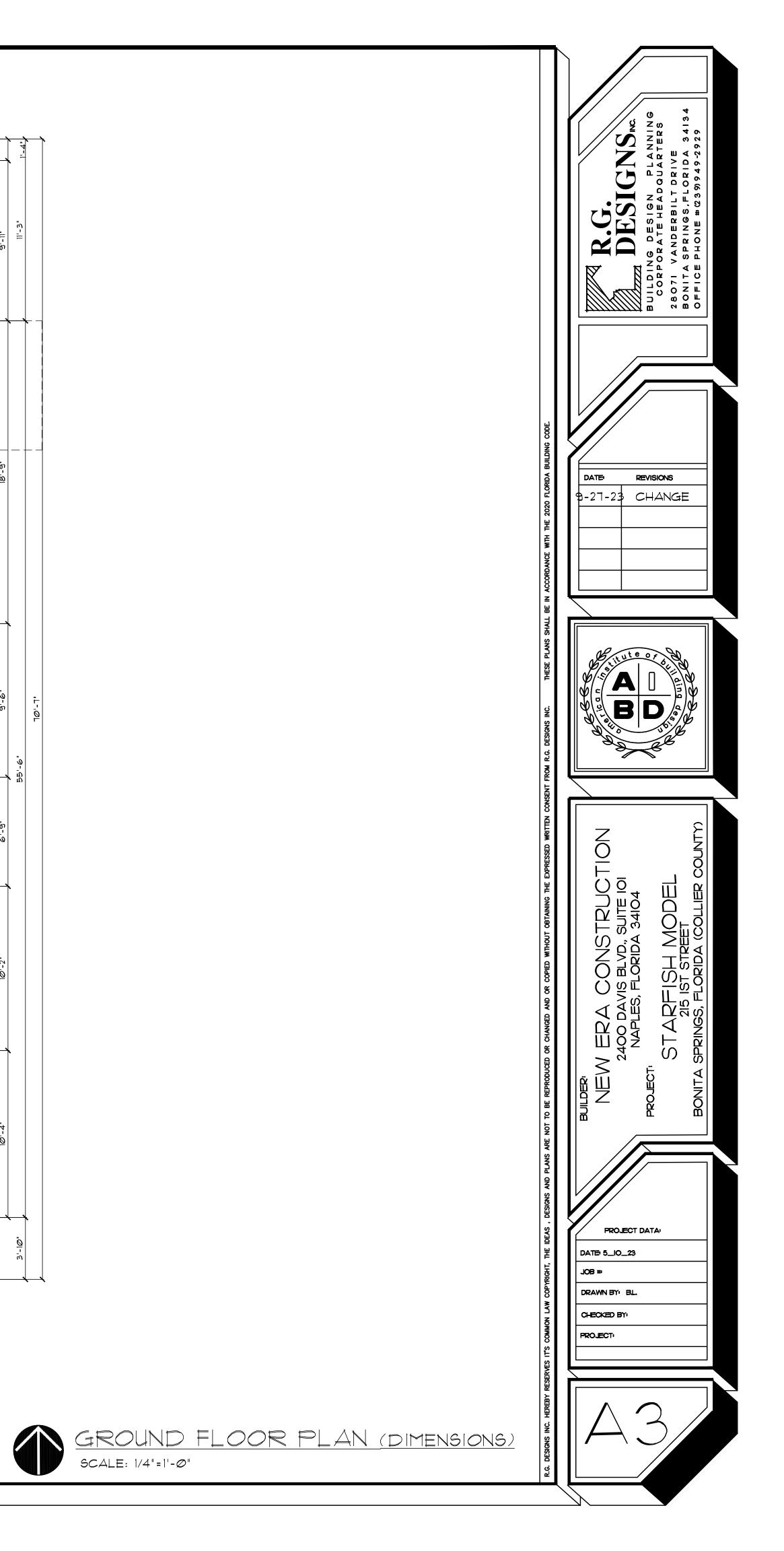


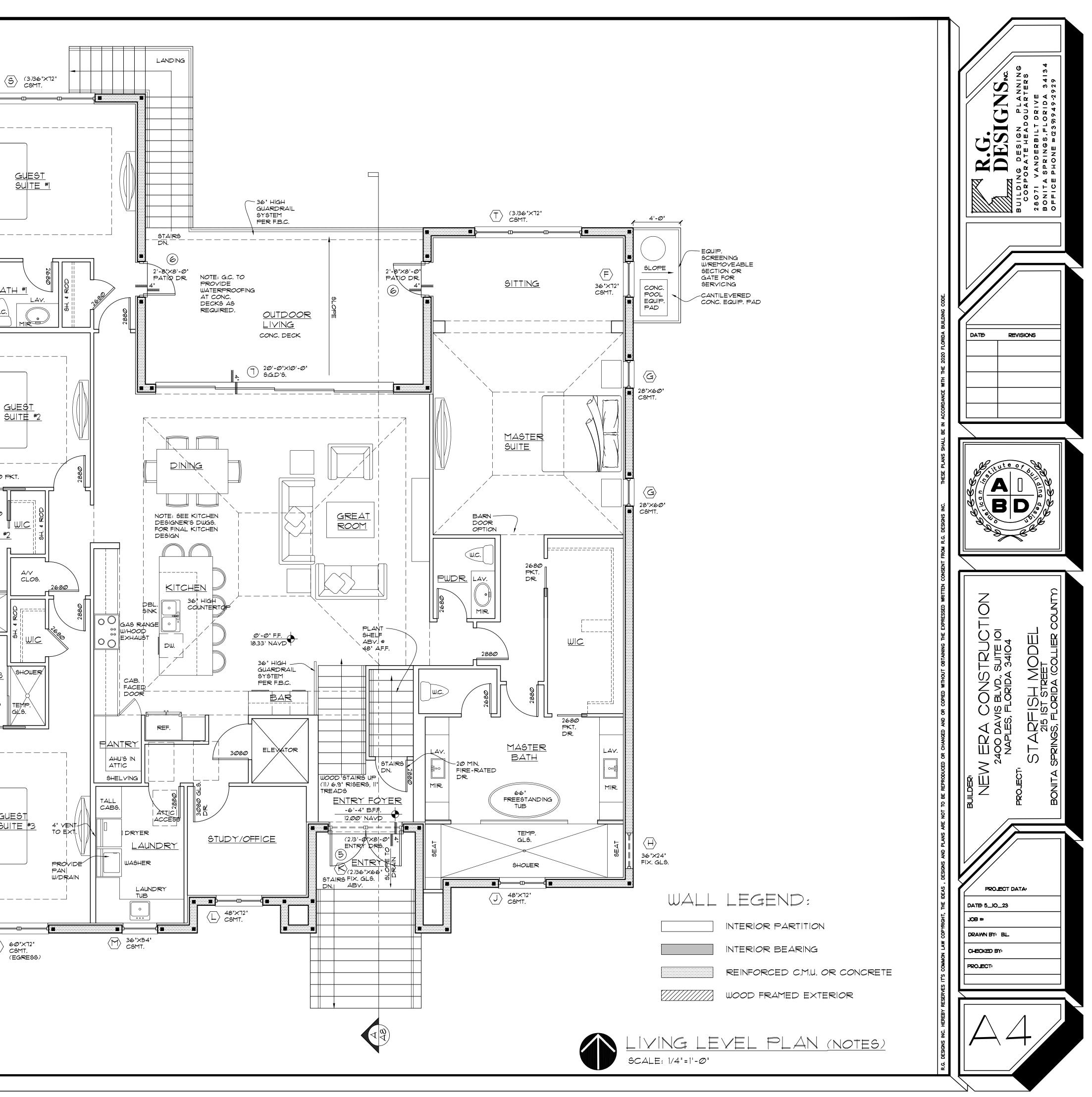
DRAWING INDEX
SITE PLAN GROUND FLOOR PLAN (NOTES) GROUND FLOOR PLAN (DIMENSIONS) LIVING LEVEL FLOOR PLAN (NOTES) LIVING LEVEL PLAN (DIMENSIONS) ELEVATIONS ELEVATIONS BUILDING SECTION WALL SECTION/SCHEDULES REFLECTED CEILING PLAN LIVING LEVEL SLAB PLAN ROOF PLAN DETAILS DETAILS NOTES GROUND FLOOR ELECTRICAL PLAN

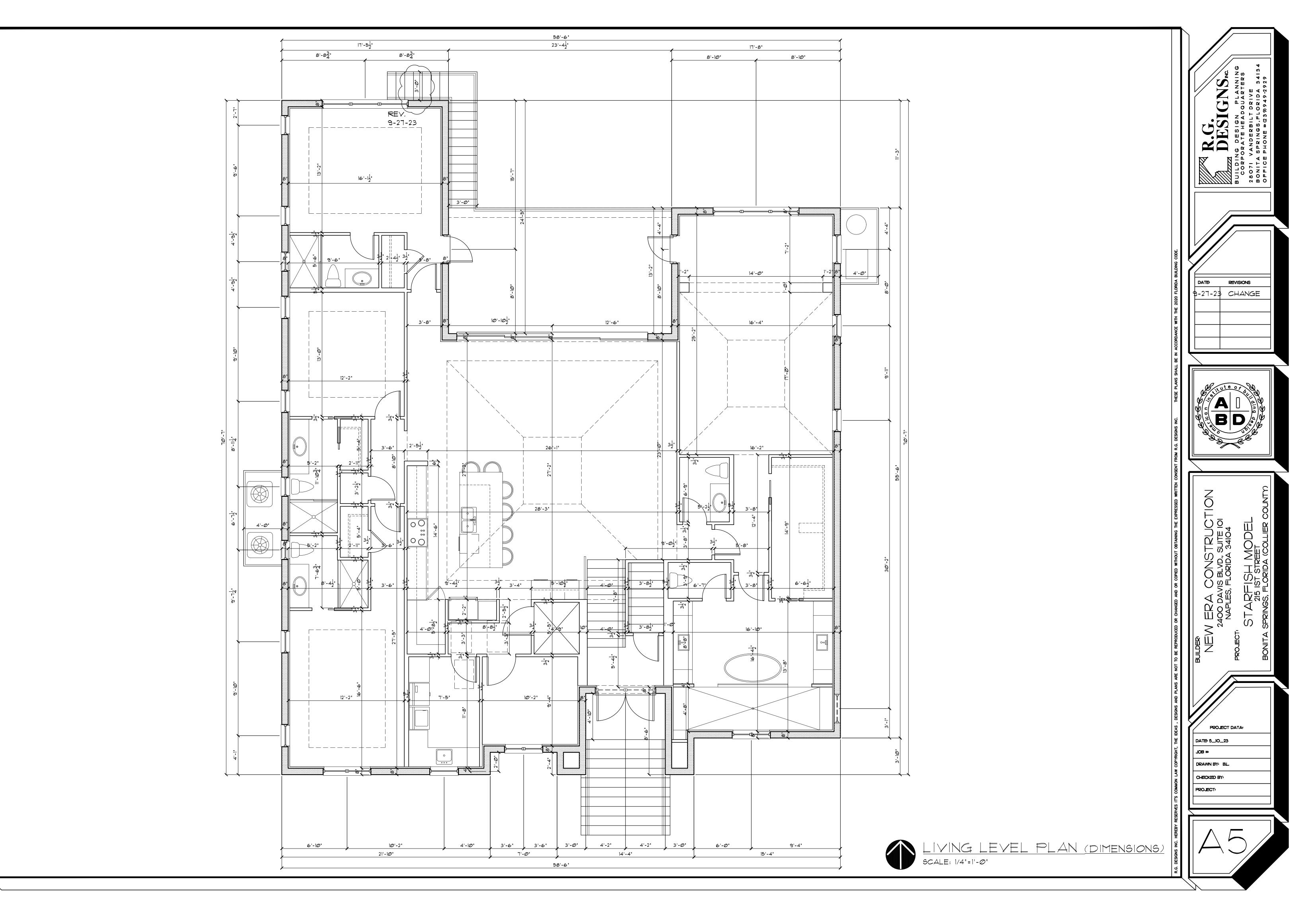






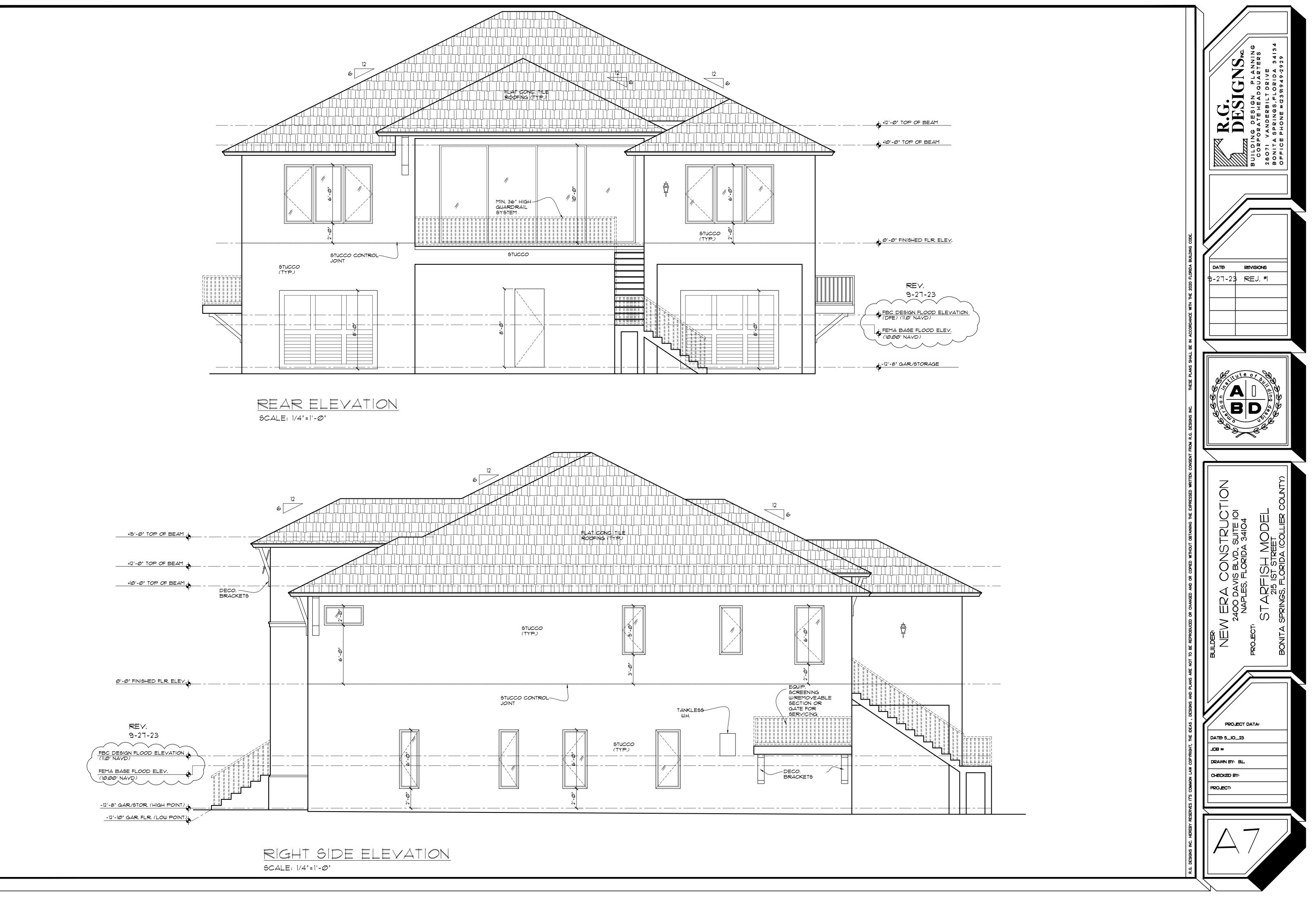
	
	¢
	,
Q 24"×36" CSMT. TEMP. GLS.	BA
28'X60' CSMT. (EGRESS)	
28'X60' CSMT. (EGRESS)	>
	2480 F DR. 2480 PKT. DR.
4'-0' A/C COMP. 24'X48' CONT.	4th #
EQUIP. SCREENING W/REMOVEABLE SECTION OR GATE FOR SERVICING A/C COMP.	
CANTILEVERED CONC. EQUIP. PAD	<u>-H #3</u>
	2480 PKT. DR.
28'×60' CSMT. (EGRESS)	
	<u>Gl</u> <u>Sl</u>
EMERGENCY EGRESS WINDOWS 2020 FLORIDA BUILDING CODE WINDOWS TO BE USED FOR / AS EMERGENCY EGRESS SHALL	
NET CLEAR OPENING: 20" NET CLEAR OPENING HEIGHT: 24" MAX. SILL HEIGHT: 44" TOTAL GLASS AREA MINIMUM:	
-GROUND FLOOR 5 SQ. FT. -SECOND FLOOR 5.1 SQ. FT.	

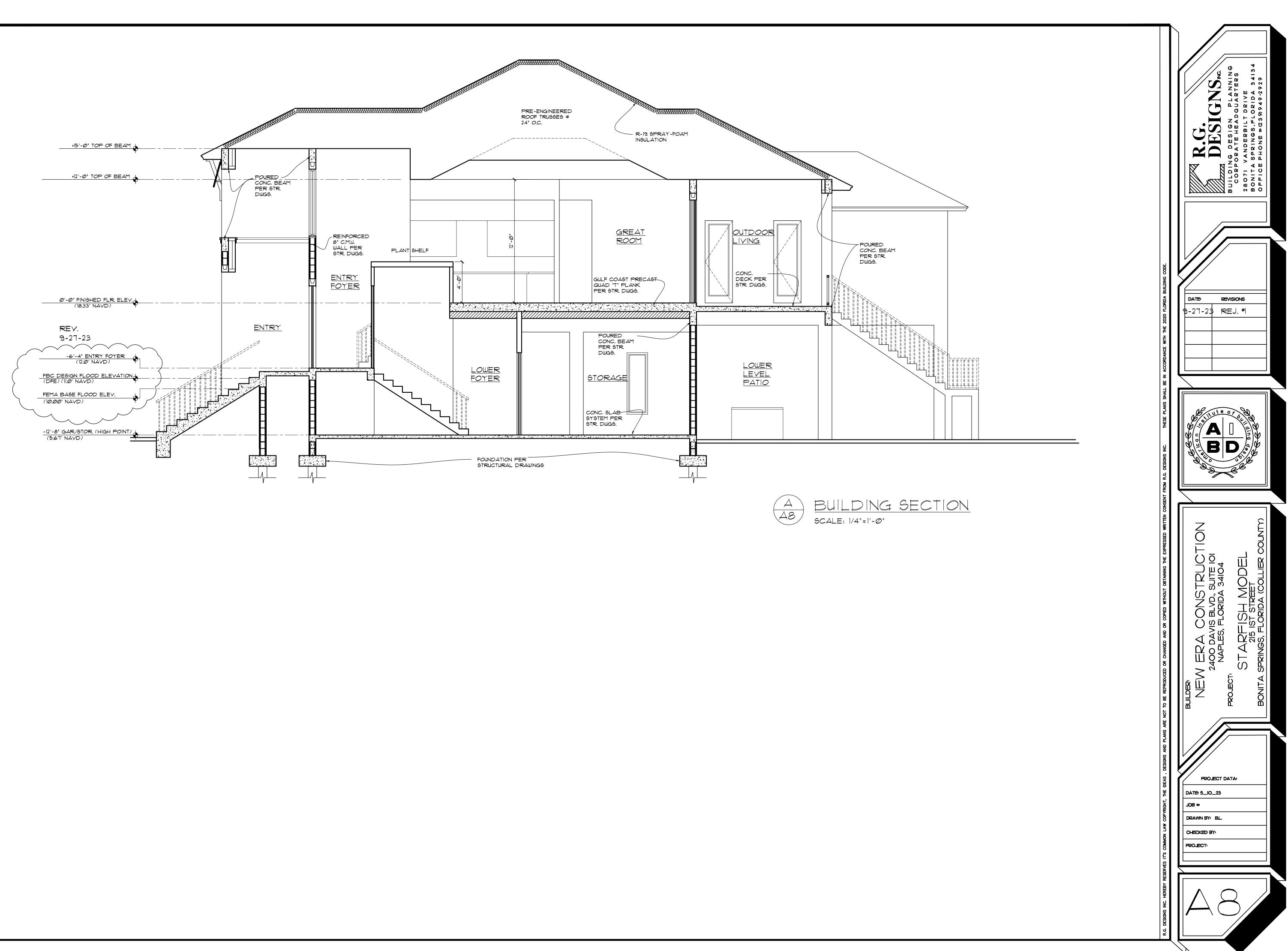














GROUND FLOOR									
<u>*</u> > SI	$IZE (W \times H)$	TYPE	MANUF, CODE	IMPACT	LOCATION	NOTES			
А 34	Ø"×72"	CASEMENT	PER BLDR'S. SPECS.	YES	GAR./STOR.				
B 24	4"×72"	CASEMENT		YES	GAR./STOR.				
C (2	2)36"×72"	CASEMENT		YES	GAR./STOR.				
D 30	6"×72"	CASEMENT		YES	GAR./STOR.				
E 24	4"×6Ø"	CASEMENT		YES	GAR./STOR.				
LIVING LEVEL									
F 30	6"×72"	CASEMENT	PER BLDR'S.	YES	MASTER				
G 28	8"×6Ø"	CASEMENT	SPECS.	YES	MASTER				
H 4	·8"×24"	FIXED		YES	M. BATH				
J 4	·8"×72"	CASEMENT		YES	M. BATH				
KC	2)36"X66"	CASEMENT		YES	FOYER				
L 4	·8"×72"	CASEMENT		YES	STUDY				
M 3	6"×54"	CASEMENT		YES	LAUNDRY				
N 6	»Ø"×72"	CASEMENT		YES	G. SUITE 3				
0 28	8"×6Ø"	CASEMENT		YES	G. SUITE 2\$3	EGRESS			
P 2.	4"×48"	CASEMENT		YES	BATH 2 ∉ 3				
Q 2.	4"×36"	CASEMENT		YES	BATH 1				
R 24	4"×6Ø"	CASEMENT		YES	G. SUITE 1				
S (3	3)36"×72"	CASEMENT		YES	G. SUITE 1				
Τ (3	3 <i>)</i> 36"×72"	CASEMENT		YES	MASTER				

. ALL WINDOWS PER BUILDER'S SPECS. 2. CONTRACTOR TO VERIFY EGRESS WINDOW SIZES FOR COMPLIANCE WITH FLORIDA BUILDING CODE CAN BE MET BY WINDOW MANUF. SELECTED. 3. VERIFY ROUGH OPENINGS W/MANUFACTURER PRIOR TO BUILDING. 4. ALL NOTED WINDOWS TO BE RATED FOR IMPACT RESISTANCE AND BE APPROVED BY THE FLORIDA PRODUCT APPROVAL SYSTEM. 5. SEE STRUCTURAL DRAWINGS FOR WIND PRESSURES. 6. ALL WINDOWS TO BE INSULATED AND HAVE AN SHEC OF .25 OR LESS.

	EXTERIOR DOOR SCHEDULE									
G	GROUND FLOOR									
*	SIZE ($\mathbb{W} \times \mathbb{H}$)	TYPE	MANUF./MODEL	IMPACT	LOCATION	NOTES				
1	10'-0"×8'-0"	GARAGE	PER BLDR'S.	YES	GARAGE	OVERHEAD GARAGE DOOR W/OPNR.				
2	3'-Ø"×8'-Ø"	PATIO	SPECS,	YES	GARAGE	SINGLE PATIO DOOR				
3	18'-Ø"×8'-Ø"	GARAGE		YES	GARAGE	OVERHEAD GARAGE DOOR W/OPNR.				
4	3'-Ø"X8'-Ø"	SOLID PNL.		YES	GARAGE	SOLID PANEL MANDOOR				
LIVING LEVEL										
5	(2)3'-Ø"×8'-Ø"	ENTRY		YES	FOTER	ENTRY DOOR				
6	2'-8"×8'-Ø"	PATIO		YES	OUT. LIVING	SINGLE PATIO DOOR				
٦	2Ø'-Ø"×8'-Ø"	S.G.D'S.	PER BLDR'S.	YES	GREAT RM.	SLIDING GLASS DOORS				
E>	EXTERIOR DOOR NOTES AND SPECIFICATIONS:									

1. ALL SLIDING GLASS DOORS & PATIO DRS. PER BUILDERS SPECS. 2. VERIFY ROUGH OPENINGS W/MANUF. PRIOR TO BUILDING. 3. ALL NOTED EXTERIOR DOORS TO BE RATED FOR IMPACT RESISTANCE AND BE APPROVED BY THE FLORIDA

PRODUCT APPROVAL SYSTEM.

4. ALL EXTERIOR DOOR GLAZING TO BE INSULATED GLASS. 5. ALL EXTERIOR DOORS TO BE FULLY WEATHERSTRIPPED.

6. ALL EXTERIOR SWING DOORS TO HAVE DEADBOLT LOCKS WITH MATCHING KEYS.

1. COLORS, FINISH, AND HARDWARE PER BLDR'S. SPECS. 8. PROVIDE RECESS IN SLAB AT ALL SLIDING GLASS DOORS PER MANUF. SPECS.

9. ALL DOOR GLAZING TEMPERED GLASS.

10. SEE STRUCTURAL DRAWINGS FOR WIND PRESSURES.

11. ALL DOOR GLAZING TO BE INSULATED AND HAVE AN SHGC OF .25 OR LESS.

24" *O.*C. MANUFACTURER'S SPECS.

STRUCTURAL DWGS. METAL DRIP EDGE OVER 1×4 OVER 5/4×8 "MIRATEC" OR 2×6 SUB FASCIA

METAL LATH (NO VENTING REQUIRED)

FINISHED FLOOR Ø'-Ø" (18.33' N.A.V.D.)

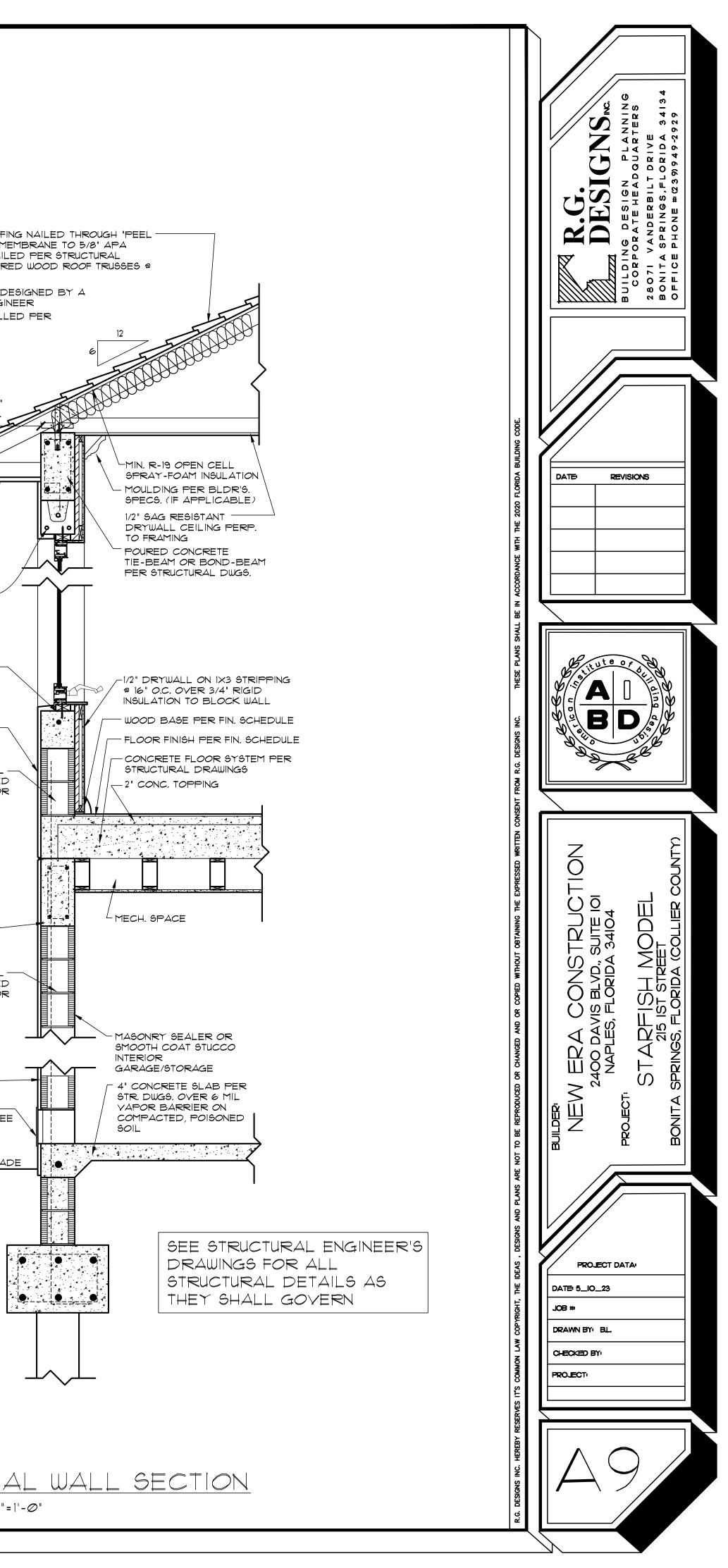
TOP OF BEAM +10'-0" A.F.F.

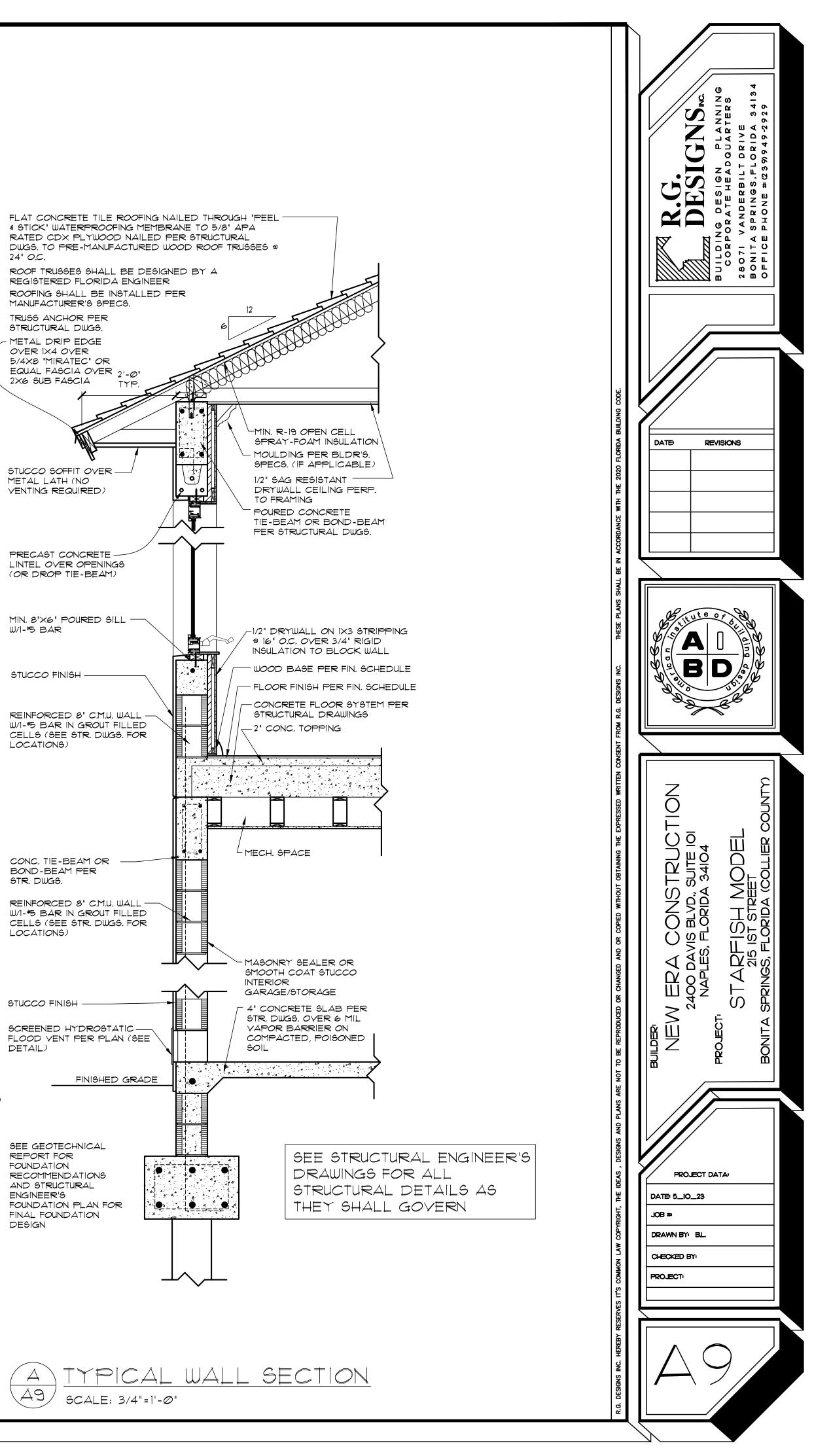
LOCATIONS)

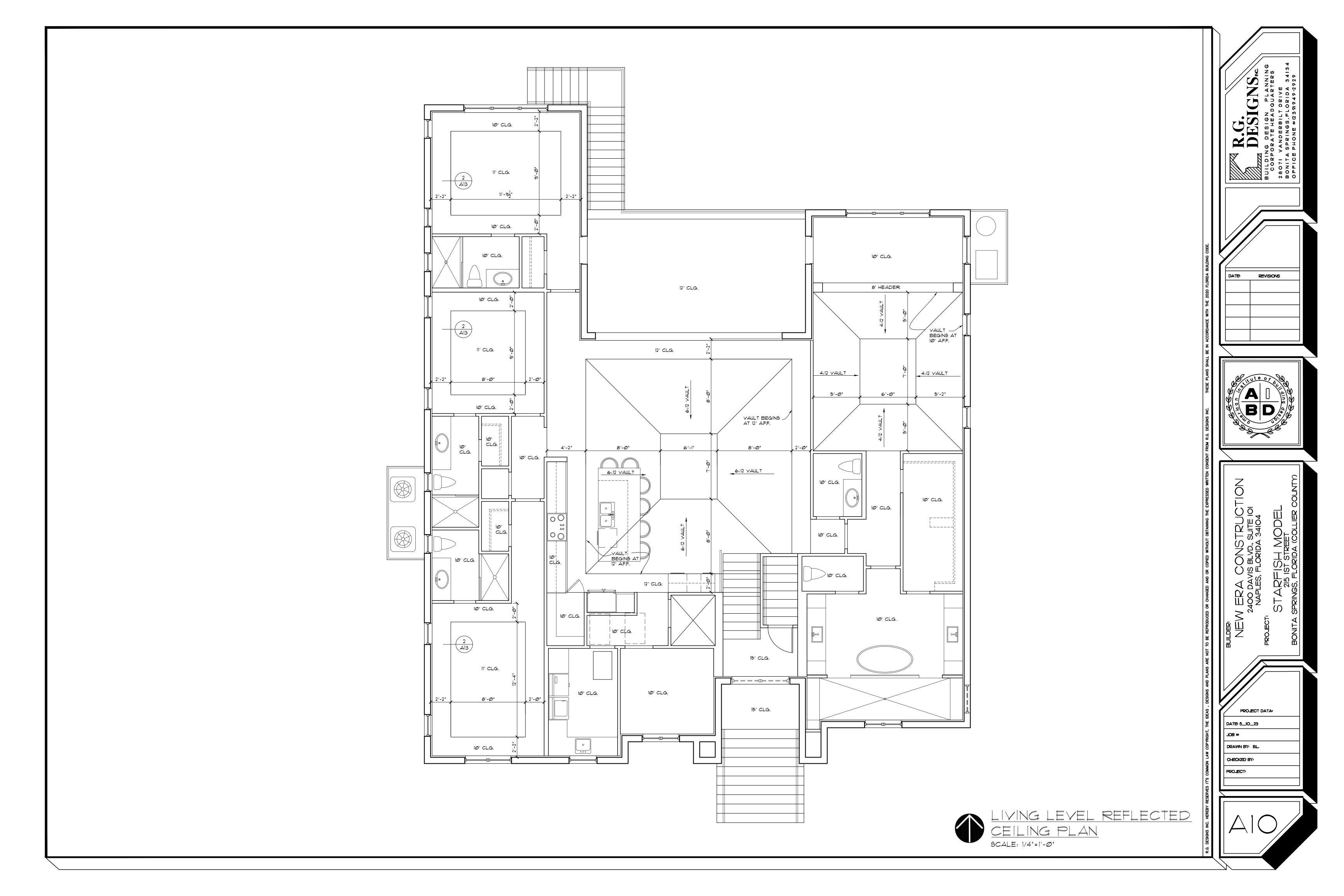
DETAIL)

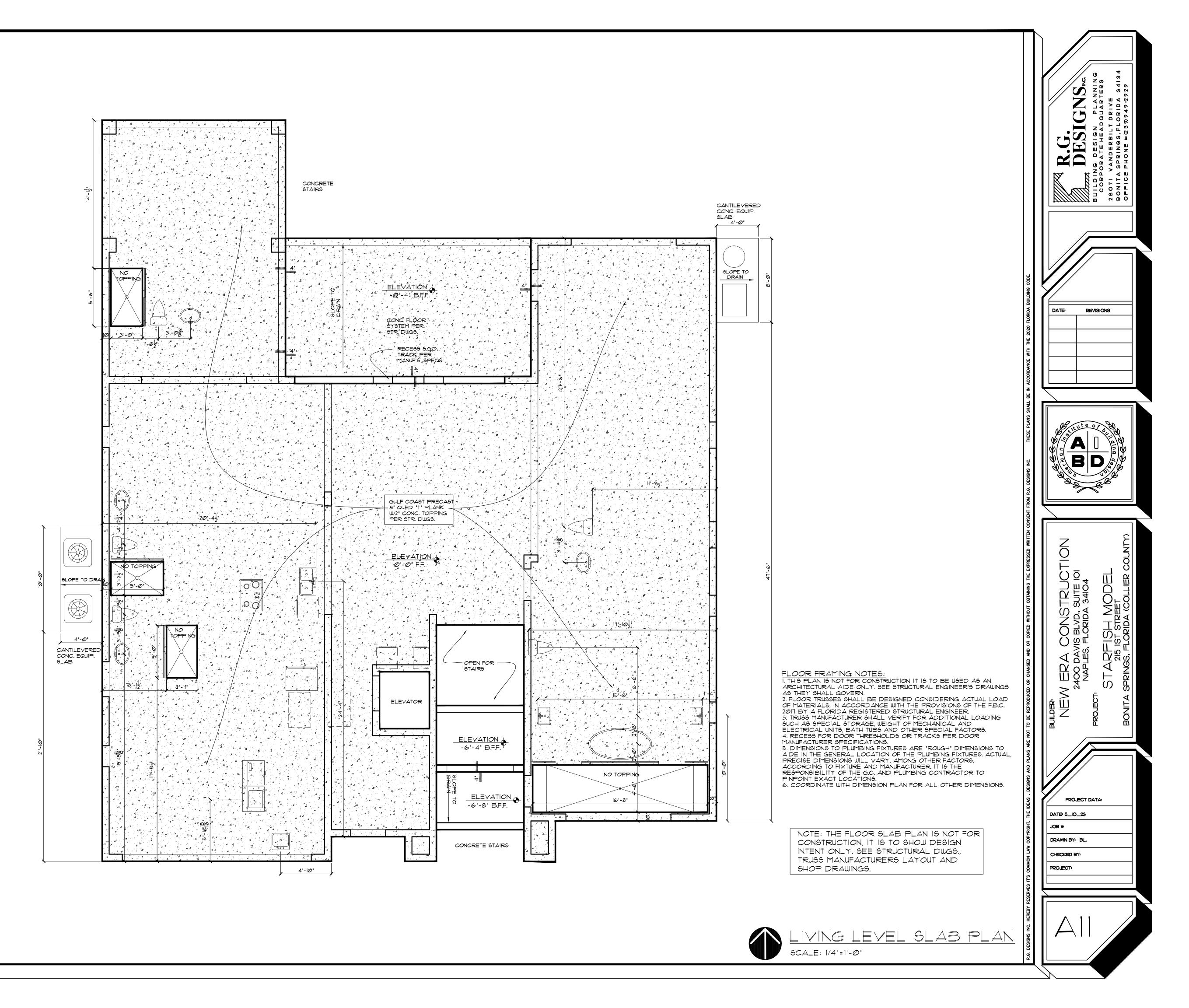
GARAGE FLOOR SLOPES FROM -12'-8" TO -12'-10" B.F.F. (5.67' TO 5.5' N.A.V.D.)

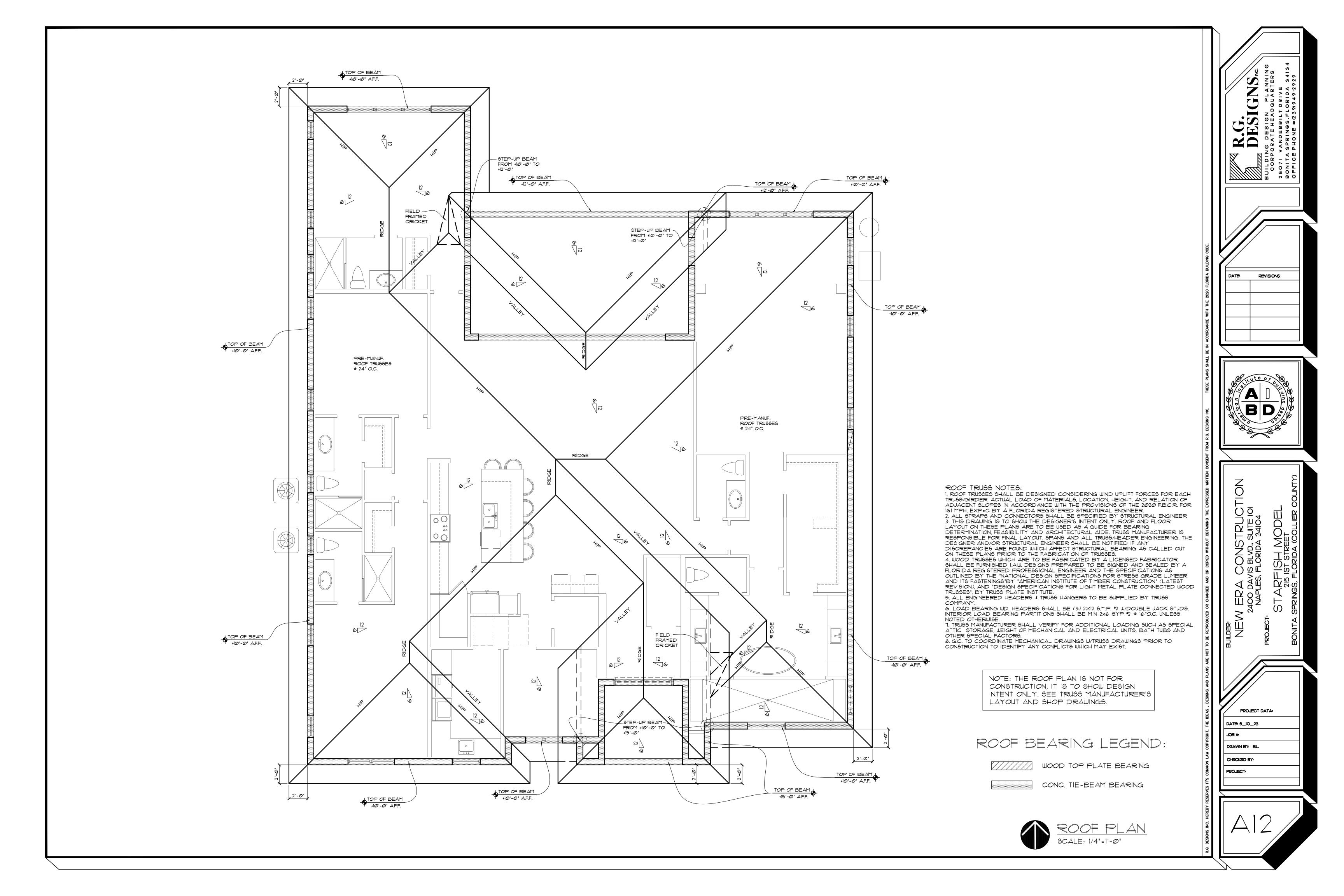
> FOUNDATION RECOMMENDATIONS AND STRUCTURAL ENGINEER'S FINAL FOUNDATION

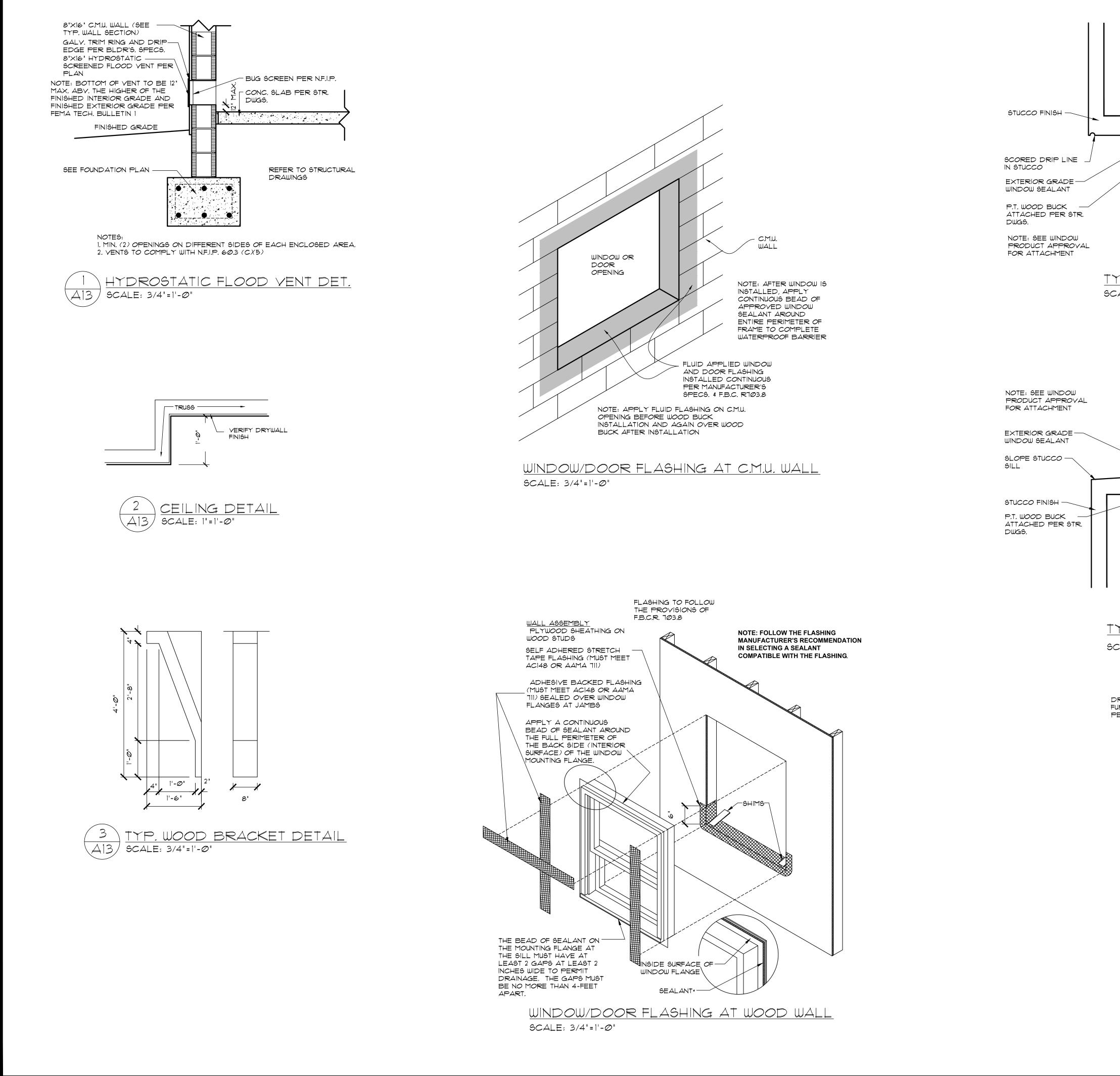


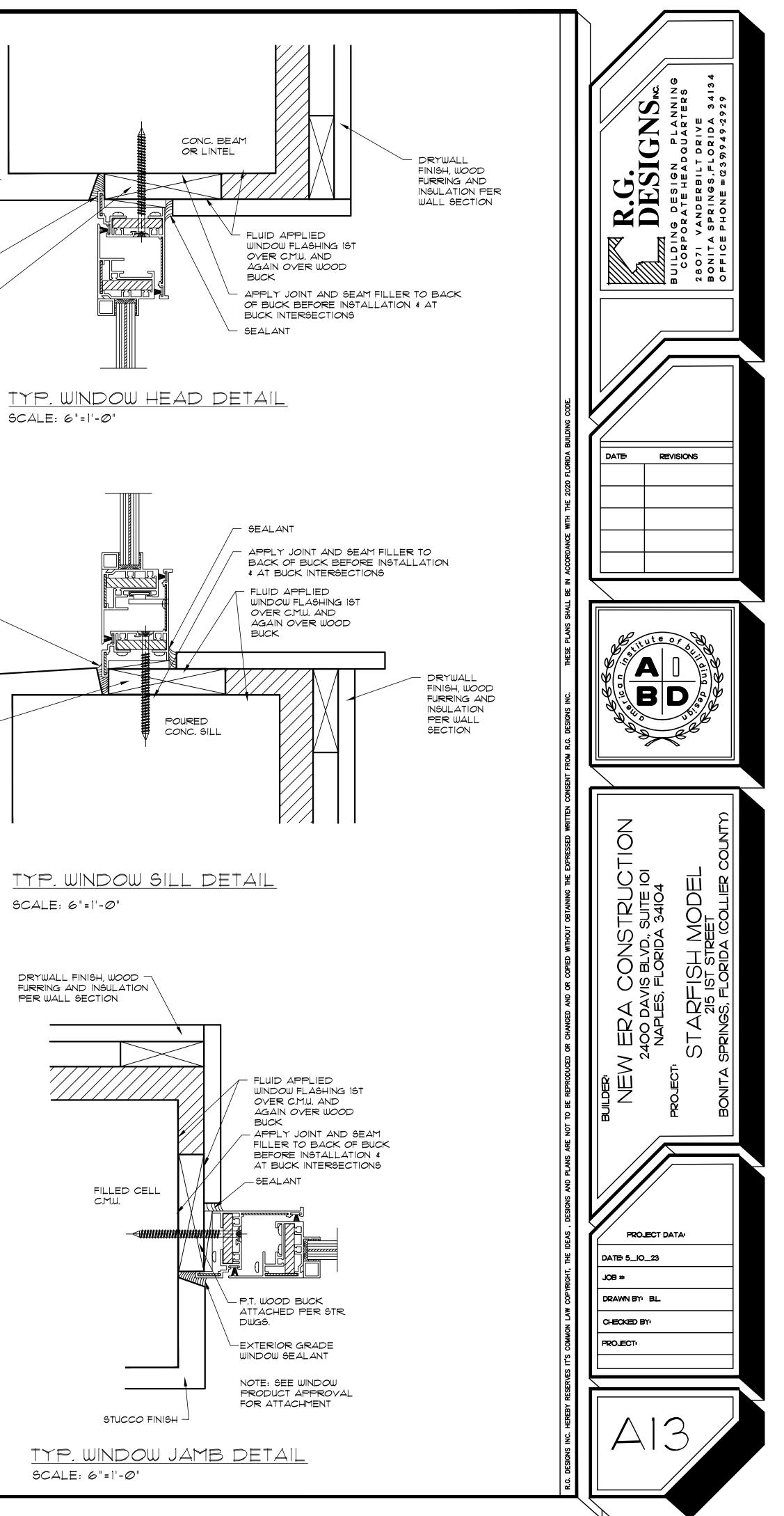


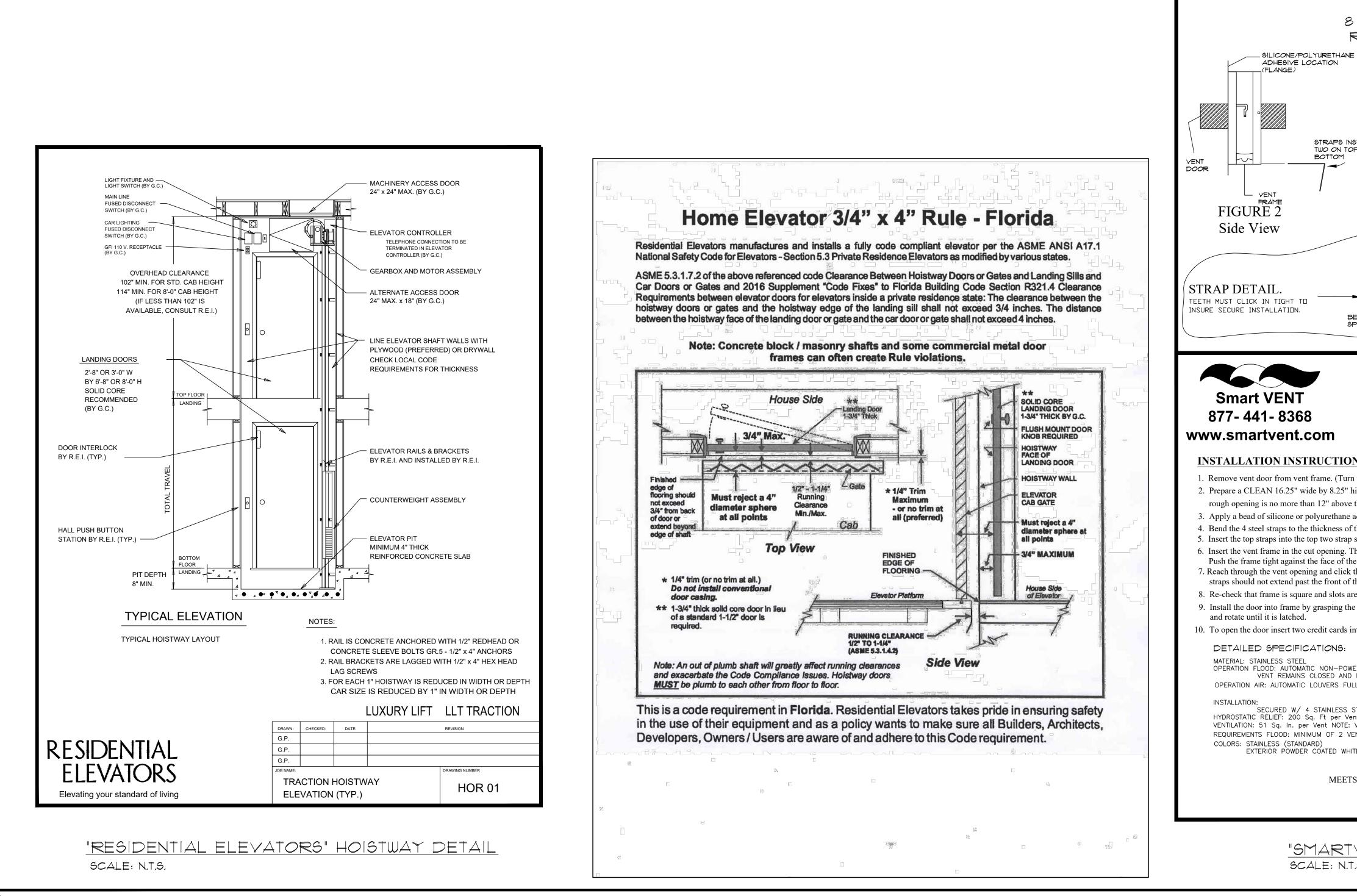












STRAPS INSTALLED: TWO ON TOP TWO ON BOTTOM VENT FIGURE 2 Side View STRAP DETAIL. TEETH MUST CLICK IN TIGHT TO INSURE SECURE INSTALLATION. Smart VENT 877-441-8368 www.smartvent.com INSTALLATION INSTRUCTIONS rough opening is no more than 12" above the finished grade. 5. Insert the top straps into the top two strap slots about two clicks.

Smart VENT

877-441-8368

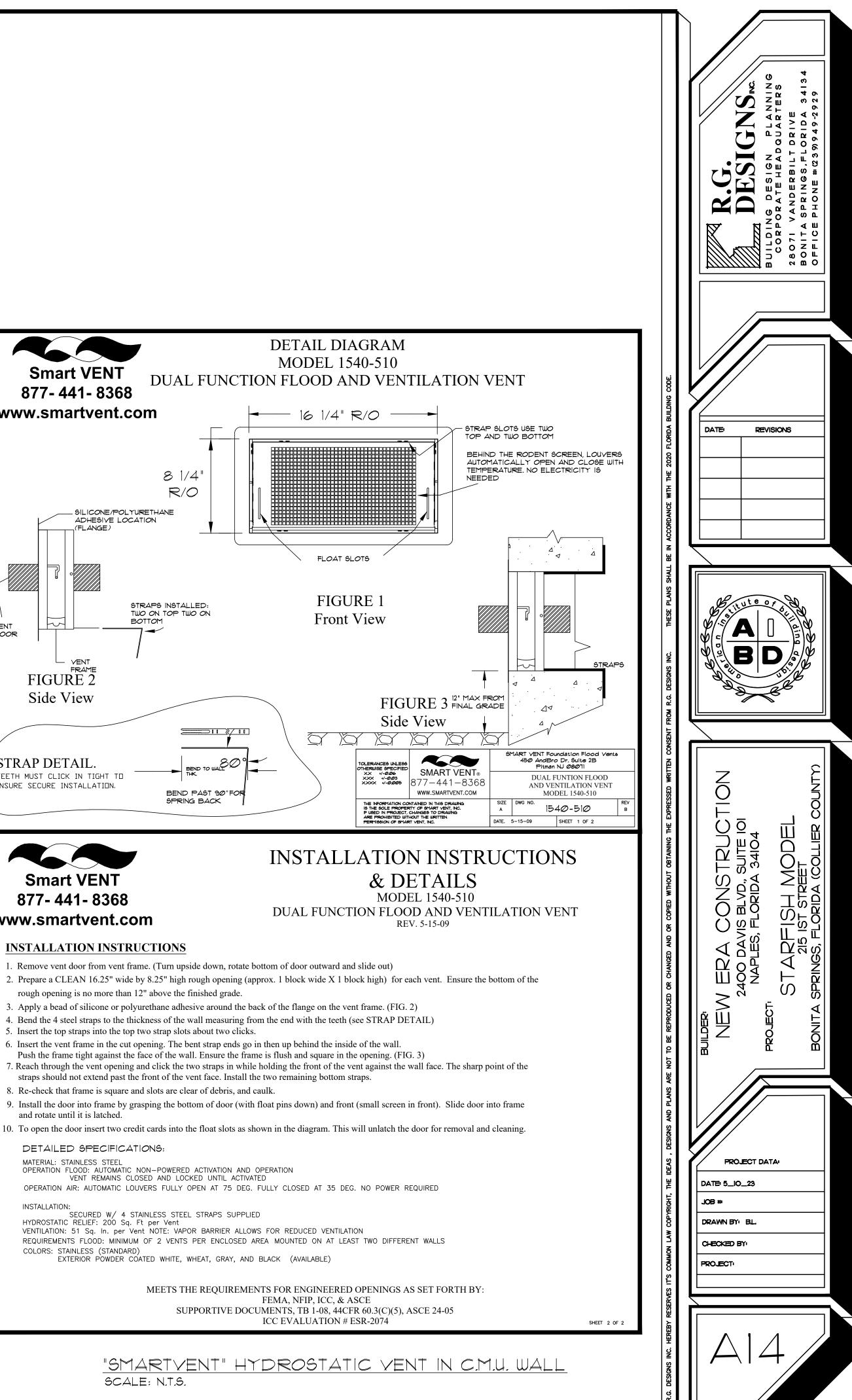
www.smartvent.com

=LANGE

- 8. Re-check that frame is square and slots are clear of debris, and caulk.
- and rotate until it is latched.
- DETAILED SPECIFICATIONS:
- MATERIAL: STAINLESS STEEL
- OPERATION FLOOD: AUTOMATIC NON-POWERED ACTIVATION AND OPERATION VENT REMAINS CLOSED AND LOCKED UNTIL ACTIVATED

SECURED W/ 4 STAINLESS STEEL STRAPS SUPPLIED HYDROSTATIC RELIEF: 200 Sq. Ft per Vent VENTILATION: 51 Sq. In. per Vent NOTE: VAPOR BARRIER ALLOWS FOR REDUCED VENTILATION COLORS: STAINLESS (STANDARD)

SCALE: N.T.S.



GENERAL NOTES:

1. CONSTRUCTION SHALL FOLLOW THE 2020 FLORIDA BUILDING CODE WITH LOCAL AMENDMENTS AS ADOPTED BY THE JURISDICTION 2. GENERAL CONTRACTOR, SUBCONTRACTORS, SUPPLIERS, ETC. SHALL REVIEW PLANS, DIMENSIONS, SPECIFICATIONS, AND JOB SITE CONDITIONS PRIOR TO SUBMITTING PLANS FOR PERMITTING AND NOTIFY DESIGNER / ENGINEER OF ANY DISCREPANCIES, ERRORS OR OMISSIONS NEEDED TO COMPLETE THE PROJECT. BY SUBMITTING PLANS FOR PERMIT GENERAL CONTRACTOR AND OR OWNER ACCEPTS PLANS AS DRAWN AND IS RESPONSIBLE FOR THE COMPLETION OF THE WORK. NO BACK CHARGES WILL BE

ACCEPTED AFTER PLANS HAVE BEEN SUBMITTED FOR PERMIT.

3. ALL WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS (DO NOT SCALE DRAWINGS) 4. CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES INVOLVED AS TO NOT CREATE CONFLICT

5. ALL MATERIALS SHOWN OR CALLED FOR IN THESE PLANS SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS.

6. BUILDER 16 RESPONSIBLE FOR ADEQUATE BRACING OF STRUCTURAL AND NON STRUCTURAL MEMBERS DURING CONSTRUCTION. 1. CONTRACTORS SPECIFICATIONS SHALL TAKE PRECEDENCE OVER ANY DETAILS & SPECIFICATIONS FOUND IN THESE DRAWINGS PROVIDED NOTIFICATION & APPROVAL OF DESIGNER/ENGINEER PRIOR TO EXECUTION.

8. BEAM HEIGHTS SHALL BE VERIFIED BY BUILDER AND COORDINATE W/ TRUSS MANUFACTURER AND OTHER RELATED TRADES.

9. BUILDER IS TO COORDINATE W/ TRUGS MANUFACTURER AND HVAC CONTRACTOR FOR DUCT CLEARANCES AND PLACEMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION. 10. CONTRACTOR TO PROVIDE FLORIDA PRODUCT APPROVALS FOR DOORS, WINDOWS, GARAGE DOOR, ROOFING MATERIAL, SHUTTERS, AND ANY OTHER PRODUCT REQUIRED TO BY BUILDING OFFICIAL.

DOORS, WINDOWS, GLAZING AND GARAGE DOORS:

1. WINDOWS INDICATED WITH (EGRESS) MUST BE MANUFACTURED TO CONFORM TO THE BUILDING CODES WITH RESPECT TO MINIMUM EMERGENCY EGRESS REQUIREMENTS. 2. ALL SLIDING GLASS DOORS AND WINDOWS AT SHOWER OR TUB SHALL BE TEMPERED GLASS. 3. ALL GLAZED OPENINGS SHALL BE PROTECTED WITH WIND DEBRIS IMPACT RESISTANT SHUTTERS ACCORDING TO FBC UNLESS SUCH GLAZING CAN PROVIDE SUCH A

RESISTANCE. 4. SIZE, TYPE, SPACING AND LOCATION OF ANCHORS SHALL COMPLY WITH FBC REQUIREMENTS FOR WIND SPEEDS NOTED. SEE ALSO, "COMPONENTS AND CLADDING" TABLE REFERENCES.

5. ANCHORAGE SYSTEM FOR EXTERIOR WINDOWS AND DOOR SHALL BE BY MANUFACTURERS, SHOWN ON THE WINDOW MANUFACTURERS SUBMITTALS, AND ENGINEERED, SIGNED AND SEALED BY A FLORIDA, REGISTERED ENGINEER SPECIALIZING IN THE DESIGN OF EXTERIOR DOOR AND WINDOW ANCHORAGE. GINESALATE ARE ARE AND THE SHOLLER PROCESSING IN THE DESIGN OF EXTERIOR DOOR AND WINDOW ANCHORAGE. I. NON-RATED PARTITIONS SHALL HAVE 1/2" TH. GYP. BOARD ON EACH SIDE OF 3 5/8" METAL OR 2×4 WOOD STUDS AT 16" ON CENTER.

2. BEARING PARTITIONS SHALL HAVE 1/2" GYP. BD. EACH SIDE OF 2 × 4 OR 2 × 6 WOOD STUDS AT 16" ON CENTER. 3. GARAGE CEILINGS UNDER LIVING SPACE SHALL HAVE 5/8" TYPE "X" GYP. BOARD ATTACHED TO FRAMING AT 16" O.C. PER F.B.C. R309.2.

4. CEILING AFFIXED TO WOOD ROOF TRUSSES SHALL BE 1/2" GYP. BOARD ATTACHED TO 1X4 WOOD FURRING @ 16" O.C..

5. CEILING AFFIXED TO WOOD FLOOR TRUSSES OVER LIVING SPACE SHALL BE 1/2" GYP. BOARD ATTACHED TO RESILIENT METAL FURRING CHANNELS AT 16" O.C. 6. ENCLOSED ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS, UNDER STAIR SURFACE AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2-INCH GYPSUM BOARD PER R311.2.2.

INSULATION NOTES

I. PROVIDE MIN. R-30 SPRAY-FOAM INSULATION TO UNDERSIDE OF ROOF DECK.

2. PROVIDE SOUND ATTENUATION BATTS IN CEILING UNDER FLOOR TRUSS SYSTEM (IF APPLICABLE). 3. PROVIDE MIN. I' RIGID INGULATION ON EXTERIOR C.M.U. WALLS.

4. PROVIDE MIN. R-19 BATTS IN WOOD FRAMED EXTERIOR WALLS (OPTIONAL "ICYNENE").

5. PROVIDE SOUND ATTENUATION BATTS INTERIOR WALLS PER OWNER'S REQUEST.

6. FOAM PLASTIC INSULATION NOT MEETING THE REQUIREMENTS OF SECTIONS R316.3 THROUGH R316.5 SHALL BE SPECIFICALLY APPROVED ON THE BASIS OF ONE OF THE FOLLOWING APPROVED TESTS: NFPA 286 WITH THE ACCEPTANCE CRITERIA OF SECTION R302.9.4, FM 4880, UL 723, UL 1040 OR UL 1715, OR FIRE TESTS RELATED TO ACTUAL END-USE CONFIGURATIONS"

HANDRAIL/GUARDRAIL NOTES:

I. HANDRAILS SHALL BE CAPABLE OF REGISTING A MIN. OF 200 LBS. APPLIED AT ANY POINT, VERTICALLY OR HORIZONTALLY, AS PER FBC. 2. BALUSTERS SHALL BE CAPABLE OF RESISTING AN UNIFORM HORIZONTAL LOAD OVER THE GROSS AREA OF NOT LESS THAN 25 LBS. SQ. FT

3. ALL BALUSTERS SHALL BE SPACED TO REJECT A 4" DIAM. OBJECT PER FBC.

4. ALL GUARDRAILS TO BE 36" HIGH PER FBC.

5. IF RAILING IS TO BE PREFABRICATED, MANUFACTURER SHALL SUBMIT SHOP DRAWINGS

6. HANDRAILS ON OPEN SIDE OF STAIRS: 34" TO 38" HIGH PER FBC, SUBMIT SHOP DRAWINGS. 1. R312.1 GUARDS REQUIRED - PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36 INCHES IN HEIGHT. OPEN SIDES OF STAIRS WITH A TOTAL RISE OF MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 34 INCHES IN HEIGHT MEASURED VERTICALLY FROM THE NOSING OF THE TREADS. PORCHES AND DECKS WHICH ARE ENCLOSED WITH INSECT SCREENING SHALL BE PROVIDED WITH GUARDS WHERE THE WALKING SURFACE IS LOCATED MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOU 8. R312.2 GUARD OPENING LIMITATIONS - REQUIRED GUARDS ON OPEN SIDES OF STAIRWAYS , RAISED FLOOR AREAS, BALCONIES AND PORCHES SHALL HAVE INTERMEDIATE

RAILS OR ORNAMENTAL CLOSURES WHICH DO NOT ALLOW PASSAGE OF A SPHERE 4 INCHES OR MORE IN DIAMETER. EXCEPTIONS:

1) THE TRIANGULAR OPENINGS FORMED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD AT THE OPEN SIDE OF A STAIRWAY ARE PERMITTED TO BE OF SUCH A SIZE THAT A SPHERE 6 INHCES CANNOT PASS THROUGH

2) OPENINGS FOR REQUIRED GUARDS ON THE SIDES OF STAIR TREADS SHALL NOT ALLOW A SPHERE 4-3/8 INCHES TO PASS THROUGH. 9, FBC 1607.7.1.1 - GUARDRAIL ASSEMBLIES SHALL BE ABLE TO RESIST A SINGLE CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP.

10. FBC 1607.7.1.2 - INTERMEDIATE RAILS, BALUSTERS AND PANEL FILLERS SHALL BE DESIGNED TO WITHSTAND A HORIZONTAL APPLIED NORMAL LOAD OF 50 POUND ON AN AREA EQUAL TO I SQUARE FOOT INCLUDING OPENINGS AND SPACE BETWEEN RAILS. STAIR NOTES:

1. STAIRWAYS (EXCEPT SPIRAL) SHALL NOT BE LESS THAN 36 INCHES IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT AND BELOW THE REQUIRED HEADROOM HEIGHT. HANDRAILS SHALL NOT PROJECT MORE THAN 4.5 INCHES ON EITHER SIDE OF THE STAIRWAY AND THE MINIMUM CLEAR WIDTH OF THE STAIRWAY AT AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS, SHALL NOT BE LESS THAN 1.5 INCHES WHERE A HANDRAIL IS INSTALLED ON ONE SIDE AND 27 INCHES WHERE HANDRAILS ARE PROVIDED ON BOTH SIDES . THE MINIMUM HEADROOM IN ALL PARTS OF THE STAIRWAY SHALL NOT BE LESS THAN 6 FEET 8 INCHES MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING OR FROM THE FLOOR SURFACE OF THE LANDING OR PLATFORM.

3. THE MAXIMUM RISER HEIGHT SHALL BE 7 3/4" INCHES, THE RISER SHALL BE MEASURED VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT TREADS, THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8".

4. THE MINIMUM TREAD DEPTH SHALL BE 10 INCHES. THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO THE TREADS LEADING EDGE. THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH. CONSISTENTLY SHAPED WINDERS AT THE WALKLINE SHALL BE ALLOWED WITHIN THE SAME FLIGHT OF STAIRS AS RECTANGULAR TREADS AND DO NOT HAVE TO BE WITHIN 3/8 INCH OF THE RECTANGULAR TREAD DEPTH, WINDER TREADS SHALL HAVE A MINIMUM TREAD DEPTH OF 10 INCHES MEASURED BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AT THE INTERSECTIONS WITH THE WALKLINE, WINDER TREADS SHALL HAVE A MINIMUM TREAD DEPTH OF 6 INCHES AT ANY POINT WITHIN THE CLEAR WIDTH OF THE STAIR, WITHIN ANY FLIGHT OF STAIRS, THE LARGEST WINDER TREAD DEPTH AT THE WALKLINE SHALL NOT EXCEED THE SMALLEST WINDER TREAD BY MORE THAN 3/8 INCH. 5. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE NO GREATER THAN 9/16 INCH. A NOSING NOT LESS THAN 3/4 INCH BUT NOT MORE THAN 11/4 INCHES SHALL BE PROVIDED ON STAIRWAYS WITH SOLID RISERS. THE GREATEST NOSING PROJECTION SHALL NOT EXCEED THE SMALLEST NOSING PROJECTION BY MORE THAN 3/8 INCH (9.5 MM) BETWEEN TWO STORIES, INCLUDING THE NOSING AT THE LEVEL OF FLOORS AND LANDINGS, BEVELING OF NOSINGS SHALL NOT EXCEED 1/2 INCH. RISERS SHALL BE VERTICAL OR SLOPED FROM THE UNDERSIDE OF THE LEADING EDGE OF THE TREAD AT AN ANGLE NOT MORE THAN 30 DEGREES

FROM THE VERTICAL OPEN RISERS ARE PERMITTED, PROVIDED THAT THE OPENING BETWEEN TREADS DOES NOT PERMIT THE PASSAGE OF A 4-INCH DIAMETER SPHERE. 6. HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 1-1/4" AND NOT GREATER THAN 2". IF THE HANDRAIL IS NOT CIRCULAR IT SHALL HAVE A PERIMETER DIMENSION OF AT

LEAST 4" AND NOT GREATER THAN 6-1/4" WITH A MAXIMUM CROSS SECTION OF DIMENSION OF 2-1/4" 1. SPIRAL STAIRWAYS MINIMUM WIDTH SHALL BE 26 INCHES WITH EACH TREAD HAVING A 1-1/2" MINIMUM TREAD DEPTH AT 12 INCHES FROM THE NARROWER EDGE. ALL TREADS SHALL BE IDENTICAL, AND THE RISE SHALL BE NO MORE THAN 3-1/2". A MINIMUM HEADROOM OF 6 FEET 6 INCHES SHALL BE PROVIDED, HANDRAILS SHALL BE PROVIDED ON ONE SIDE.

8. CIRCULAR STAIRS MAY HAVE A MINIMUM TREAD DEPTH OF 9 INCHES WITH 1 INCH OF NOSING, AND THE SMALLER RADIUS MAY BE LESS THAN TWICE THE WIDTH OF THE STAIRWAY 9. HANDRAIL ASSEMBLIES AND GUARDS SHALL BE ATTACHED TO ABLE TO RESIST A SINGLE CONCENTRATED LOAD OF 200 POUNDS, APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP, AND HAVE ATTACHMENT DEVICES AND SUPPORTING STRUCTURE TO TRANSFER THIS LOADING TO APPROPRIATE STRUCTURAL ELEMENTS OF THE BUILDING PER F.B.C. 1607.7.1.1

DRAFTSTOPPING:

. IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1,000 SQUARE FEET. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS. WHERE THE ASSEMBLY IS ENCLOSED BY A FLOOR MEMBRANE ABOVE AND A CEILING MEMBRANE BELOW, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDER THE FOLLOWING CIRCUMSTANCES: CEILING IS SUSPENDED UNDER THE FLOOR FRAMING OR FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN-WEB OR PERFORATED MEMBERS 2. DRAFTSTOPPING MATERIALS SHALL NOT BE LESS THAN 1/2-INCH GYPSUM BOARD, 3/8-INCH WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPS SHALL BE MAINTAINED.

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE PROVIDED IN WOOD-FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

I. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF

STUDS OR STAGGERED STUDS, AS FOLLOWS: VERTICALLY AT THE CEILING AND FLOOR LEVELS AND HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET.

2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT

SOFFITS, DROP CEILINGS AND COVE CEILINGS 3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES

UNDER STAIRS SHALL COMPLY WITH SECTION R302.7.

4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E 136 REQUIREMENTS.

5. FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING UNIT

SEPARATION SUBTERRANEAN TERMITE NOTE

SOIL TREATMENT WILL BE USED FOR SUBTERRANEAN TERMITE PREVENTION IN ACCORDANCE WITH SECTION R318 OF THE FLORIDA BUILDING CODE RESIDENTIAL.

GENERATOR NOTES (FUTURE)

1. GENERATOR TO COMPLY WITH NEPA 37

2. PROVIDE REMOTE MANUAL STOP STATION AT ELECTRICAL SERVICE METER (SEE ELECTRICAL DWGS.) 3. PROVIDE A SHEET METAL OIL CONTAINMENT PAN UNDER THE ENGINE CAPABLE OF HOLDING 100% OF THE OIL CONTAINED

IN THE UNIT PER N.F.P.A. 37 4.1.3.2

4. GENERATOR MUST BE READILY ACCESSIBLE FOR SERVICE, REPAIR AND FIREFIGHTING.

5. WALLS, ROOFS, AND OPENINGS WITH COMBUSTIBLE MATERIALS WITHIN 5 FEET OF GENERATOR MUST BE I HOUR FIRE RATED GLAZING SHALL BE 45 MINUTE FIRE RATED

WIND SPEED RISK CATEGORY = 1 DESIGN WIND SPEED = 161 MPH EXPOSURE CATEGORY = C ENCLOSURE CLASS .= ENCLOSED INTERNAL PRESSURE COEFFICIENT = 0.18

WIND LOAD VELOCITY PRESSURES ON EXTERIOR OPENINGS IN ACCORDANCE WITH TABLES 1609 OF THE F.B.C THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2020 FLORIDA BUILDING CODE W/LOCAL AMENDMENTS

DESIGN PARAMETERS (PER 2020 F.B.C.)

VENTILATED ATTICS: WHERE VENTILATED ATTICS OCCUR, PROVIDE THE FOLLOWING: 1. MAINTAIN AIR BARRIER ACROSS CEILINGS WHICH COINCIDE WITH VENTILATED ATTICS. THIS INCLUDES SEALING ALL PIPE, WIRES, CONDUITS, DUCT, LIGHT, AND HVAC SUPPLY/RETURN REGISTER PENETRATIONS. 2. CAULK/SEAL EDGES OF CEILING AT PERIMETER WALLS, SHAFTS, ELEVATORS, AND CHIMNEYS, 3. PROVIDE WEATHER STRIPPING AROUND ATTIC ACCESS. 4. RECESSED LIGHTS SHALL BE SUBSTANTIALLY AIR TIGHT EITHER WITH A TYPE IC RATING OR ADDING SEALED BOX WITH 1/2" CLEARANCE TO LIGHT FIXTURE. SEAL BETWEEN LIGHT FIXTURE AND CEILING. 5. AIR CONDITIONING DUCTWORK SHALL HAVE MINIMUM R-6 INSULATION VALUE. 6. LAY-IN TYPE CEILINGS ARE NOT ACCEPTABLE AS AIR BARRIERS. 7. AIR PERMEABLE INSULATION IS NOT ACCEPTABLE AS AN AIR BARRIER OR AS A SEALING MATERIAL WINDOWS AND DOORS 1. ALL WINDOWS AND DOORS MUST HAVE WEATHERSTRIPPING WHICH MAINTAINS A .3 CFM/SF MAXIMUM WINDOW LEAKAGE AND .5 CFM/SF MAXIMUM DOOR LEAKAGE. 2. CAULK/GASKET/SEAL AROUND EDGES OF DOORS AND WINDOWS (UNLESS OPENING IS ALREADY SEALED BY A CONTINUOUS MEMBRANE WRAPPING AROUND OPENING). AIR BARRIER: MAINTAIN AIR BARRIER INTEGRITY BETWEEN AIR CONDITIONED/HEATED SPACES AND OUTDOORS. AIR PERMEABLE INSULATION MUST BE LOCATED INSIDE THE AIR BARRIER 1. SEAL JUNCTION OF FOUNDATION AND SILL PLATE (UNLESS ALREADY SEALED BY CONTINUOUS MEMBRANE). 2. RIM JOIGTS SHALL NOT INTERRUPT AIR BARRIER. 3. SEAL FLOORS AIR TIGHT, INCLUDING EDGES OF FLOOR AND PENETRATIONS GREATER THAN 1/8". THIS INCLUDES FLOORS ABOVE GARAGES, EXPOSED FLOORS, CANTILEVERED FLOORS, AND SLABS ON GRADE. MAINTAIN AIR BARRIER AT EDGES OF FLOOR/FOUNDATION WALL INSULATION. 4. MAINTAIN AIR BARRIER BETWEEN GARAGE AND OTHER UNCONDITIONED SPACES. 5. MAINTAIN AIR BARRIER BETWEEN SHOWERS/TUBS AND OUTSIDE WALLS. 6. MAINTAIN AIR BARRIER BEHIND ELECTRICAL/COMMUNICATIONS/TELEPHONE WALL BOXES AND OUTSIDE WALLS.

1. PROVIDE AIR BARRIER BETWEEN COMMON WALLS BETWEEN SEPARATE DWELLING UNITS (WHERE APPLICABLE). 8. MAINTAIN AIR BARRIER AROUND FIREPLACES, CHIMNEYS, FLUES, CABINETS, AND COMBUSTION AIR PASSAGES. 9. INTERIOR SPACES HOUSING GAS APPLIANCES SHALL HAVE THEIR OWN AIR BARRIERS UNLESS THE GAS APPLIANCES ARE SEALED COMBUSTION TYPE 10. MAINTAIN AIR BARRIERS ALONG ROOF PENETRATIONS AND AT EXHAUST DUCT PENETRATIONS. 11. FOR MULTISTORY DWELLINGS, MAINTAIN AIR BARREIR AT PERIMETER OF FLOOR CAVITY BETWEEN FLOORS.

12. OUTSIDE WALLS-MAINTAIN WALL'S AIR BARRIER AT CORNERS, SEAMS, AND ALL ELECTRICAL/MECHANICAL PENETRATIONS. THERMAL BARRIER: IN ADDITION TO MAINTAIN THE AIR BARRIER, MAINTAIN THE THERMAL BARRIER INTEGRITY BETWEEN INSIDE AND OUTSIDE. THIS INCLUDES, BUT IS NOT LIMITED TO: 1. THERMAL INSULATION FOR FRAMED EXTERIOR WALLS MUST BE INSTALLED IN SUBSTANTIAL CONTACT AND CONTINUOUS ALIGNMENT WITH THE AIR BARRIER. 2. AIR PERMEABLE INSULATION IS NOT A SEALING MATERIAL AND MUST BE INSTALLED INSIDE OF AIR BARRIER. 3. PATCH ALL BREACHES IN THERMAL ENVELOPE WITH INSULATION.

4. CORNERS OF EXTERIOR WALLS AND HEADERS MUST HAVE CONTINUOUS INSULATION. 5. INSTALL FLOOR INSULATION IN PERMANENT CONTACT WITH UNDERSIDE OF SUB-FLOOR DECKING.

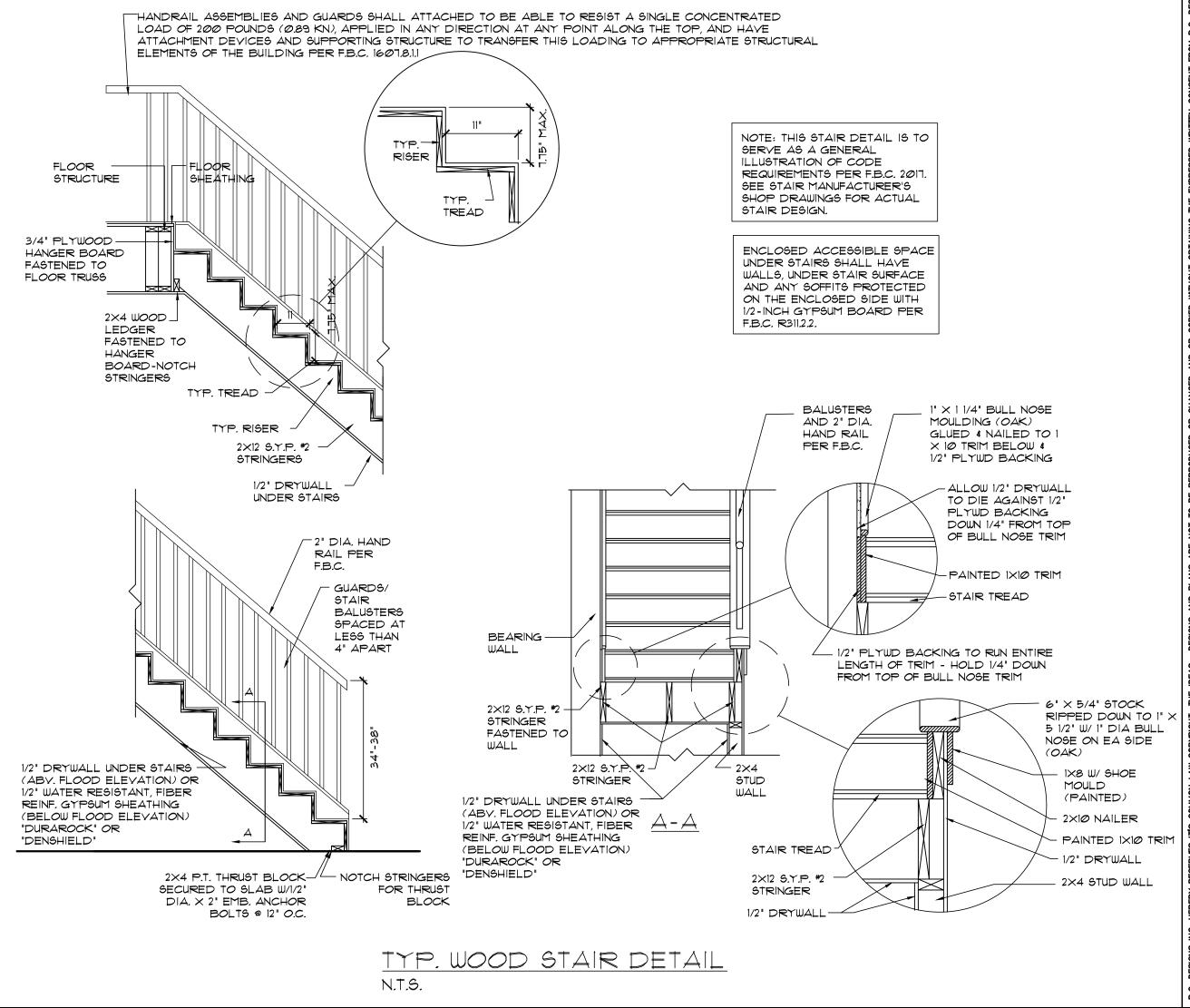
2020 FLORIDA ENERGY CODE NOTES (RESIDENTIAL)

6. BATT INSULATION IN NARROW CAVITIES SHALL NOT BE COMPRESSED BUT CUT TO FIT. 7. CUT BATT INSULATION TO FIT AROUND WIRING AND PLUMBING, OR SPRAYED/BLOWN INSULATION BEHIND PLUMBING AND WIRING. INSTALL INSULATION BETWEEN PIPES/WIRING AND OUTSIDE WALL

APPLICABLE).

MECHANICAL AND SWIMMING POOLS: 1. WATER HEATER EFFICIENCY MUST BE IN COMPLIANCE WITH TABLE N1112. ABC.3 PROVIDE A SWITCH OR CLEARLY MARKED CIRCUIT BREAKER AT ELECTRIC WATER HEATERS AND A GAS SHUT-OFF VALVE AT GAS WATER HEATERS. PROVIDE HEAT TRAPS IN PIPE CONNECTIONS (WHERE NOT ALREADY PROVIDED BY WATER HEATER MANUFACTURER). 2. SPAS AND HEATED POOLS MUST HAVE COVERS (EXCEPT SOLAR HEATED POOLS). NON-COMMERCIAL POOLS MUST HAVE PUMP TIMERS. GAS SPA AND POOL HEATERS MUST HAVE A MINIMUM THERMAL EFFICIENCY OF 18%. HEAT PUMP POOL HEATERS MUST HAVE A MINIMUM COP OF 4.O. 3. PROVIDE FLOW RESTRICTORS FOR ALL SHOWERS TO LIMIT FLOW TO 2.5 GALLONS PER MINUTE AT 80 PSIG. 4. ALL HVAC DUCTS/FITTINGS/PLENUMS, AND EQUIPMENT SHALL BE MECHANICAL ATTACHED, SEALED, AND INSULATED PER SECTION NIIIØ.AB OF ENERGY CODE. PROVIDE EXTRA INSULATION FOR DUCTS

EXPOSED TO OUTDOORS OR LOCATED IN VENTILATED ATTICS. 5. PROVIDE PROGRAMMABLE THERMOSTAT FOR HVAC SYSTEM. 6. AIR HANDLERS ARE NOT ALLOWED IN ATTICS FOR COMPLIANCE BY SECTION 402. AIR HANDLERS ARE ALLOWED IN ATTICS FOR COMPLIANCE BY SECTION 405.



8. COMMON WALLS SHALL BE INSULATED WITH R-11 (FOR FRAME WALLS) OR R-3 ON BOTH SIDES OF BLOCK WALLS . COMMON CEILING/FLOOR ASSEMBLIES SHALL BE INSULATED WITH R-11 (WHERE

