

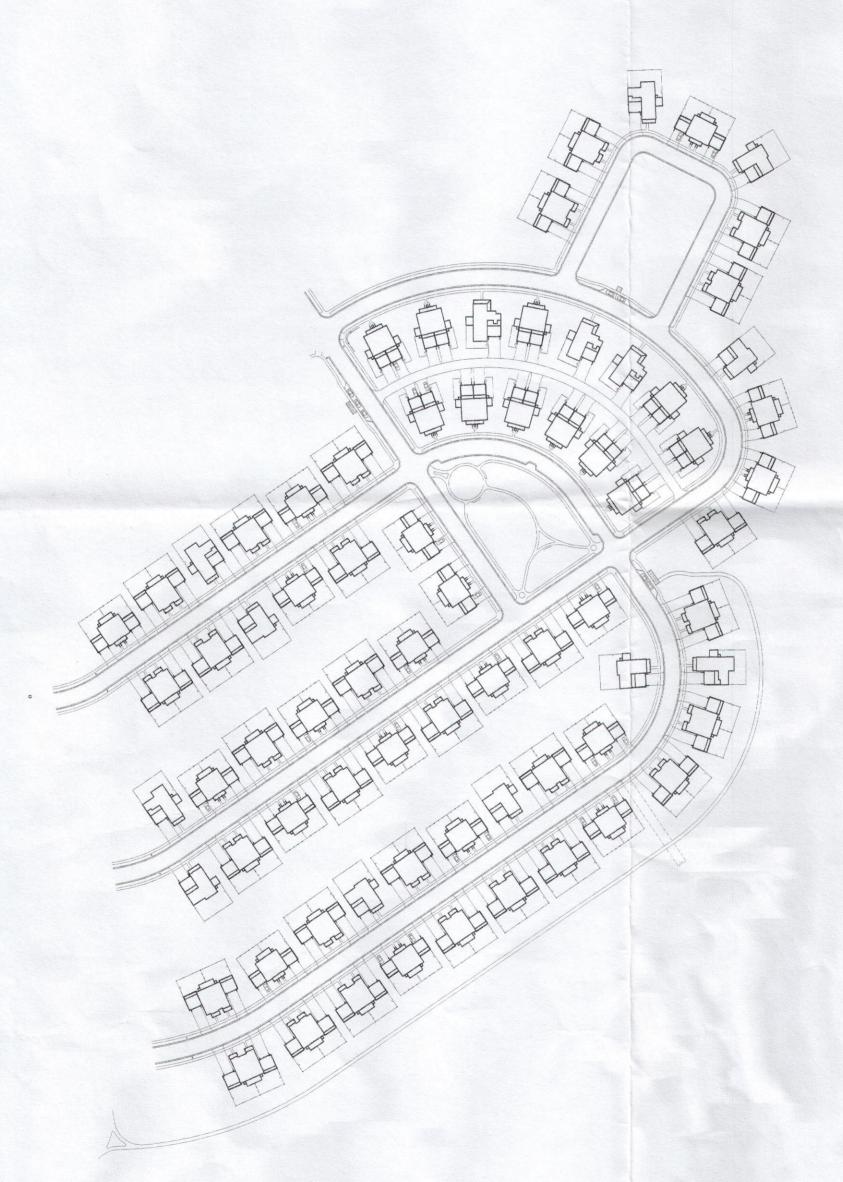
CAMPLEJEUNE NORTH CAROLINA WATKINS GROVE

PHASE THREE
136 NEW HOMES AT CAMP LEJEUNE

100% SUBMITTAL

NOVEMBER 4, 2010





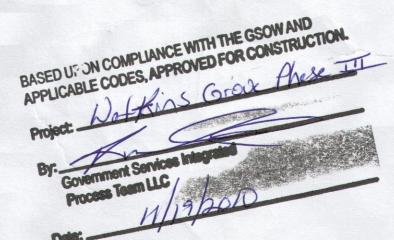


THE DEPARTMENT OF THE NAVY
IN PARTNERSHIP WITH:

ACTUS LEND LEASE LLC

1801 WEST END AVENUE, SUITE 1700
NASHVILLE, TN 37203
PH: (615) 324-8800
FX: (615) 963-2701
WWW.ACTUSLENDLEASE.COM

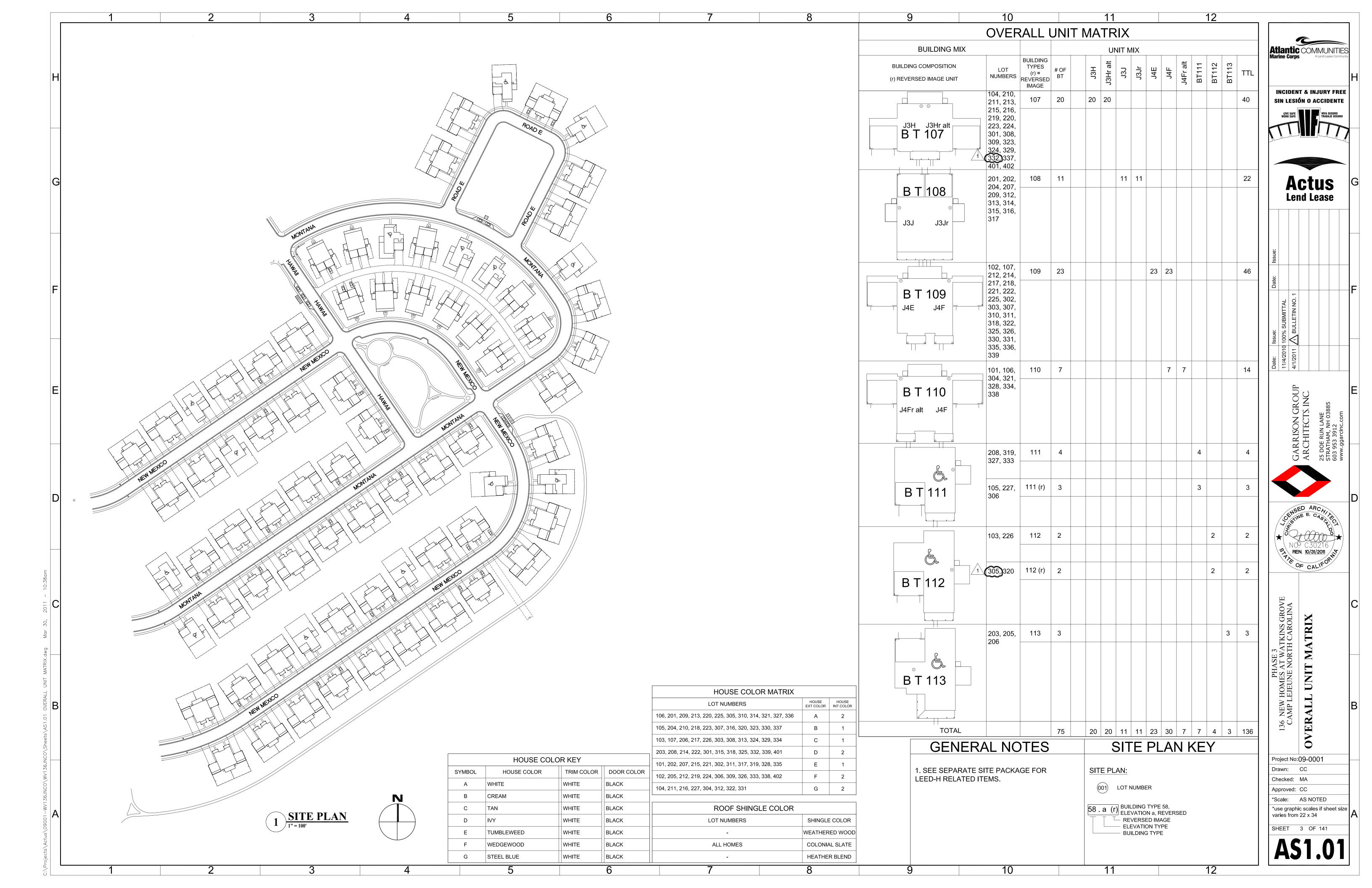


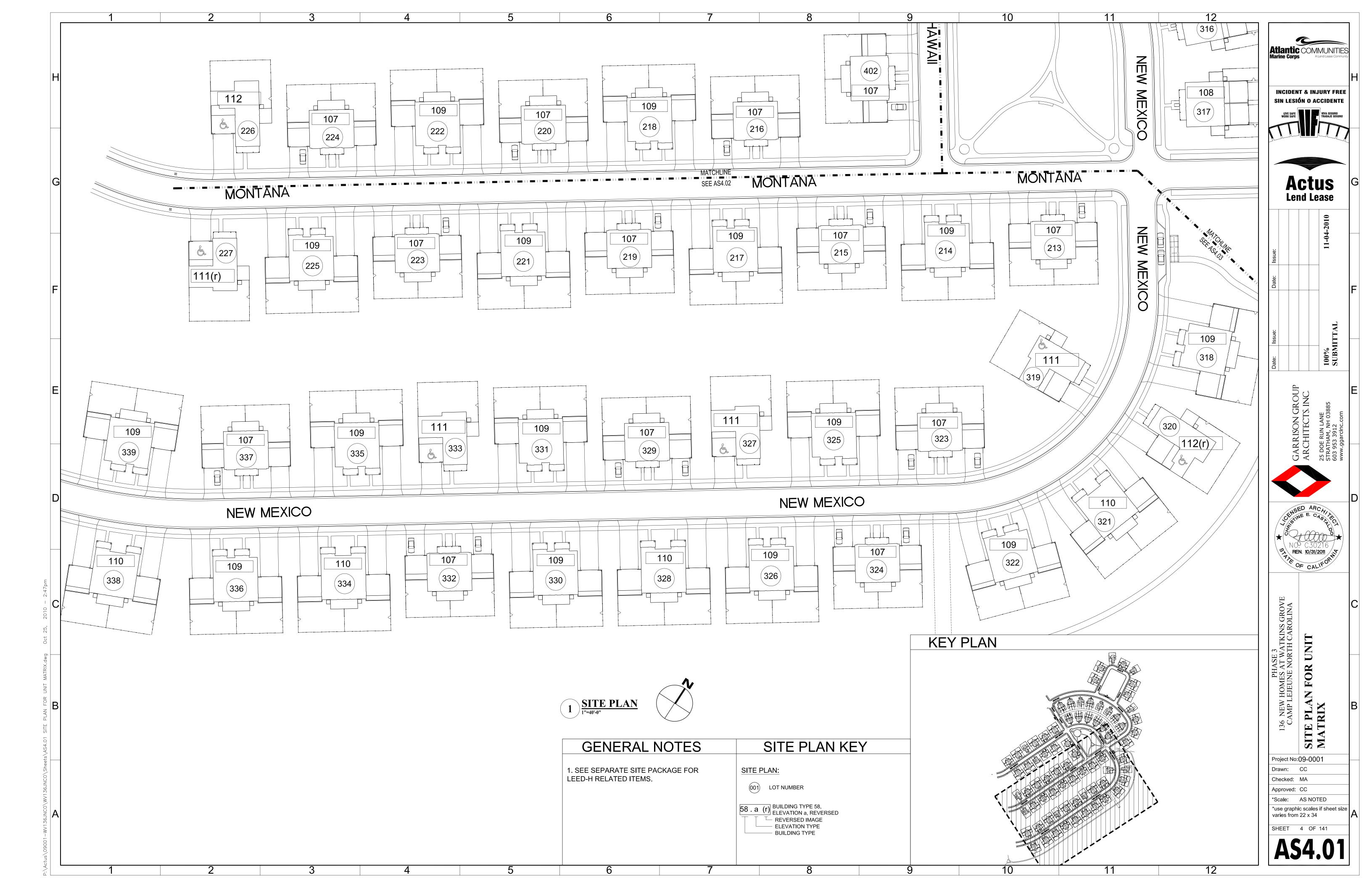


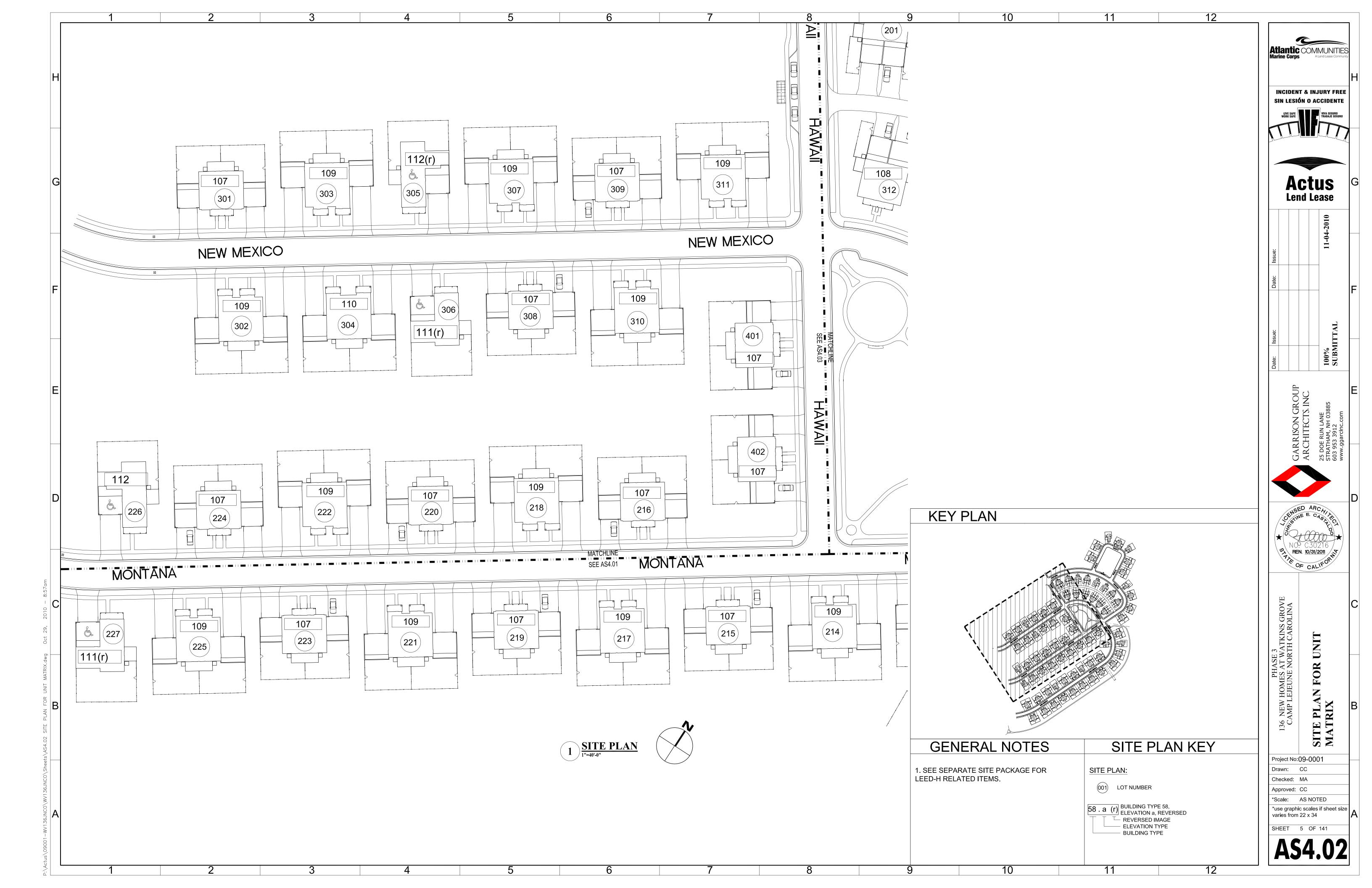


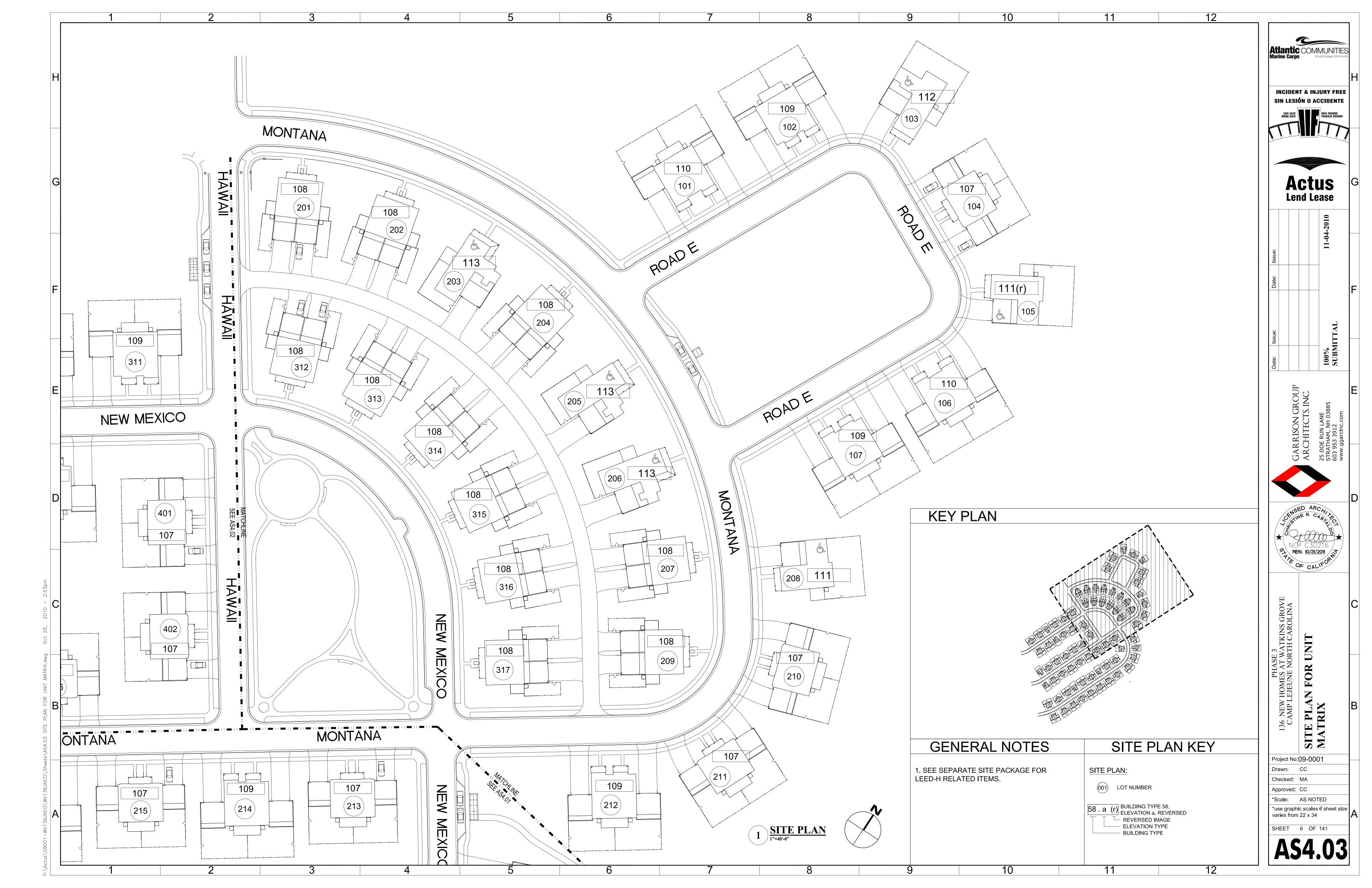
25 DOE RUN LANE STRATHAM, NH 03885 603 953 3912 www.ggarcinc.com

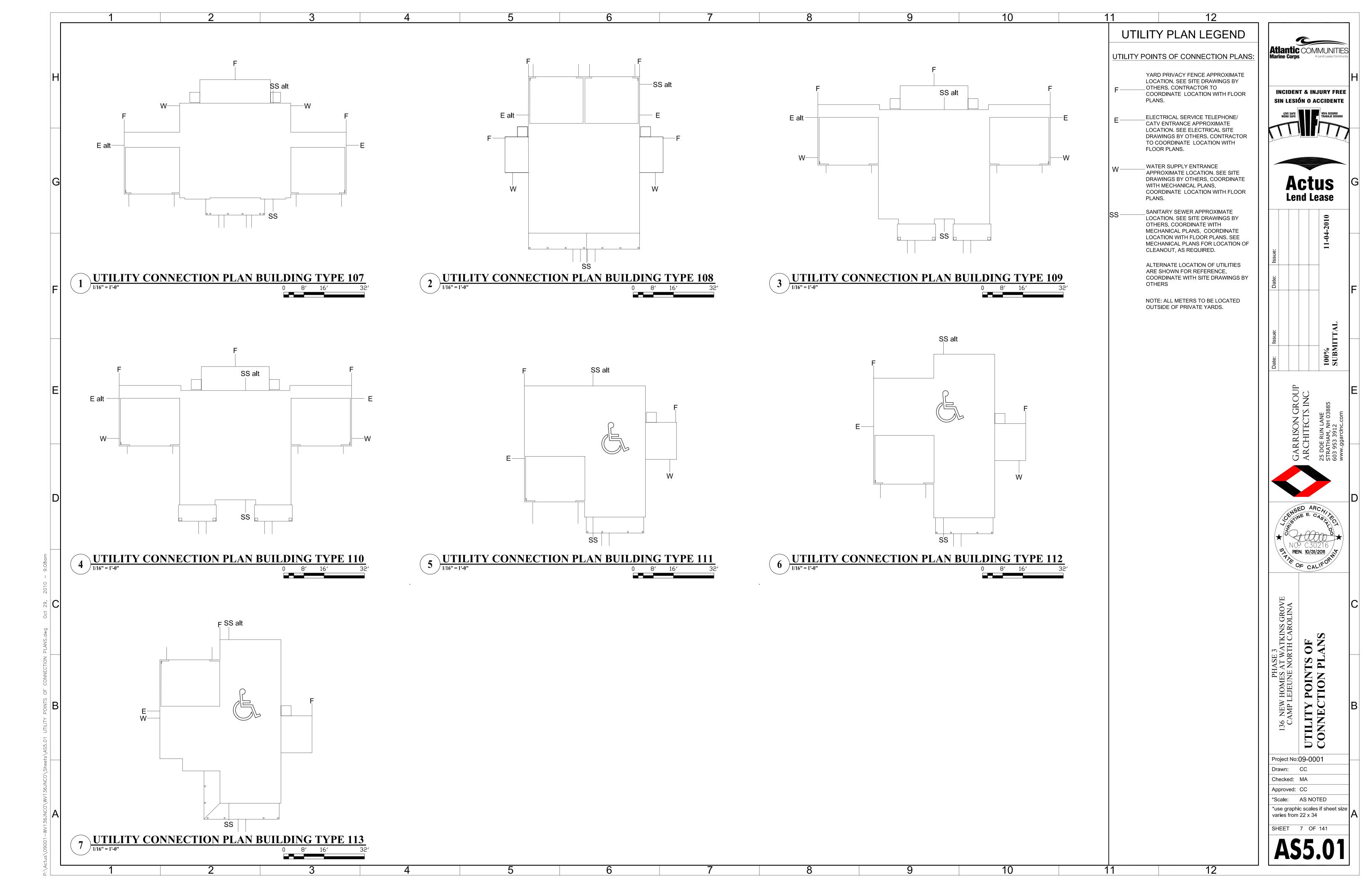
ABBREVIATIO	ONS GENERAL INFORM	ATION	DRAWING INDEX	PROJECT TEAM	12
AB ANCHOR BOLT ABV ABOVE ABR AIR BARRIER ADH ADHESIVE ADJ ADJUSTABLE AFF ABOVE FLOOR FINISH AGG AGGREGATE ALT ALTERNATE ALUM ALUMINUM ANOD ANODIZED AP ACCESS PANEL APPROX APPROXIMATE ACTOR ARCHITECT (URAL) ASPH ASPHALT AUTO AUTOMATIC AUTO AUTOMATIC AB ANCHOR BOLT AB HD HAND OR HEAD HD HARDWARE HDW HARDWARE HDW HARDWARE HDW HARDWARE HDW HARDWARE HDW HARDWARE HDW HARDWOOD HIND HARDWOOD IN INCHES INCL INCLUDE(D) (ING) INS INSULATE(D) (ING) INT INTERIOR JF JOINT FILLER JMB JAMB JST JOIST JT JOINT BEY BEYOND BIT BITUMINOUS BKSPL BACKSPLASH BLDG BUILDING BLK BLOCK BLKG BLOCKING BOT BOTTOM L LENGTH	S SOUTH OR SILL SCH SCHEDULE SECT SECTION SH SHELF(VES)(ING) SHT SHEET SHTHG SHEATHING SIM SIMILAR SL SLID(E) (ING) SLV SLEEVE SNT SEALANT SPC SPACER SPEC SPECIFICATION SPRT SUPPORT SQ SQUARE STAINLESS STEEL STC SOUND TRANSMISSION COEFICIENT STD STANDARD STL STEEL STR STRAIGHT STRUC STRUCTURAL SUSP SUSPENDED SYM SYMMETRY(ICAL) SYS SYSTEM T TREAD TB TOWEL BAR CAMP LEJEUNE APPLICABLE CODES & SYSTEM -NORTH CAROLINA ENERGY CODE - 2006 -NORTH CAROLINA MECHANICAL CODE - 2006 -NORTH CAROLINA PLUMBING CODE - 2006 -NORTH CAROLINA ELECTRICAL CODE - NEC 2005 -ASHRAE 62-2001 VENTILATION FOR ACCEPTABLE -NORTH CAROLINA RESIDENTIAL CODE FOR ONE ADWELLINGS 2006 -UNIFORM FEDERAL ACCESSIBILITY STANDARDS (INTERCENTIAL BUILDINGS)	3 OF 141	REVISED BY SEQUENCE	FX: (615) 963-2701 WWW.ACTUSLENDLEASE.COM LAND PLANNING & URBAN DESIGN E D S A 400 E. PRATT STREET INNER HARBOR CENTER SUITE 902 BALTIMORE, MD 21202 PH: (443) 539-3350 FX: (443) 539-3351 WWW.EDSAPLAN.COM CIVIL ENGINEEERING LITTLEJOHN ENGINEERING ASSOCIATES 1935 TWENTY-FIRST AVENUE SOUTH NASVILLE, TN 37212 PH: (615) 385-4144	INCIDENT & INJURSIN LESIÓN O ACCI LIVE SAFE SAFE WORK SAFE ACTU Lend Lease
BPL BEARING PLATE BR BEDROOM BRCG BRACING BRG BEARING BRK BRICK BRZ BRONZE BS BOTH SIDES BT BUILDING TYPE BVL BEVELED BW BOTH WAYS C CHANNEL CAB CABINET CAP CAPACITY CEM CERAMIC CIPC CAST-IN-PLACE CONCRETE CJ CONTROL JOINT CK CAULK(ING) CLG CEILING CLG CEILING CLG CEILING CLG CLOSET CLOSET CONCRETE CONC CONCRETE CONC CONCRETE CONC CONCRETE CONC CONCRETE CONC CONCRETE CONC CONCRETE CONT CONTRUCTION CONT CONTINUOUS OR CONTINUE CPT CARPET(ED) (ING) CSK COUNTERSINK(SUNK) CSM CABLE CDE CASILING CDE CASE REDUCTION CONC CORECTE CONTROL JOINT CONT CONTRUCTION CONT CONTRUCTION CONT CONTRUCTION CONT CONTRUCTION CONT CASEMENT CT CERAMIC TILE DEMO DEMOLISH, DEMOLITION DET DETAIL DIAMETER	T&B TOP AND BOTTOM T&G TONGUE AND GROOVE TEMP TEMPER(ED) THK THICK(NESS) TOP TOP OF PLATE TOL TOLERANCE TOS TOP OF STEEL TOW TOP OF WALL TR TRANSOM TS TOP OF SLAB TYP TYPICAL	42 OF 141	### PLUMBING 93 OF 141	PH: (603) 953-3912 FX: (603) 778-8572 WWW.GGARCINC.COM STRUCTURAL ENGINEERING COURT STREET ENGINEERING, P.C. 1008 HARRISON STREET LYNCHBURG, VA 24504 PH: (434) 846-3669 FX: (434) 846-4230 WWW.COURTSTREETENG.COM MECHANICAL & PLUMBING ENGINEERING PERRIN ENGINEERING 77 DOWNEY STREET HOPKINTON MA, 01748 PH: 508-497-5033 FX: 774-759-3084 ELECTRICAL ENGINEERING M.J. SUPRANOVICZ ASSOCIATES	Busineering RISON GROUP HITECTS, INC. RUN LANE
DIAG DIAGONAL DIM DIMENSION DIM DOWN DR DOOR DS DOWNSPOUT DWG DRAWING(S) E EAST EA EACH EL ELEVATION (FROM BENCHMARK) ELEC ELECTRICAL EMER EMERGENCY ENCL ENCLOSE(URE) EQ EQUAL OR EQUIVALENT EXH EXHAUST EXH EXHAUST EXT EXTERIOR E FACE EBO FURNISHED BY OTHERS OA OVERALL OC ON CENTER OD OUTSIDE DIAMETER OH OUTSIDE DIAMETER OD OUTSIDE DIAMETER OD OUTSIDE DIAMETER OH OUTSIDE DIAMETER OD OUTSIDE DOUTSIDE ON OUTSIDE DIAMETER OD OUTSIDE DOUTSIDE ON OUTSIDE DOUTSIDE ON OUTSIDE DOUTSIDE ON OUTSIDE OUTSIDE DOUTSIDE OUT	WP WATERPROOFING OR WORKING POINT WS WATERSTOP WWF WELDED WIRE FABRIC AND & SQUARE FOOTAGE CALCULATION ANGLE L AT @ SQUARE FOOTAGE- METHOD FOR CALCULATING: ANSI Z765-2003 FINISHED SQUARE FOOTAGE CALCULATIONS FOR T WERE BASED ON PLAN DIMENSIONS AND MAY VARY FINISHED SQUARE FOOTAGE OF THE HOUSES AS BU PLUS OR MINUS ± PLATE PL OTHER SQUARE FOOTAGE CALCULATIONS ARE NOT Z765-2003 SQUARE FOOTAGE NUMBERS ARE NOT INTENDED T TAKE OFF CALCULATIONS	HESE HOUSES FROM THE UILT BASED ON ANSI	MECHANICAL M0.01 MECHANICAL LEGEND AND NOTES 114 OF 141 M1.01 BUILDING TYPE 107 LOWER LEVEL DUCTWORK PLAN 115 OF 141 M1.02 BUILDING TYPE 107 UPPER LEVEL DUCTWORK PLAN 116 OF 141 M1.03 BUILDING TYPE 108 LOWER LEVEL DUCTWORK PLAN 117 OF 141 M1.04 BUILDING TYPE 108 UPPER LEVEL DUCTWORK PLAN 118 OF 141 M1.05 BUILDING TYPE 108 UPPER LEVEL DUCTWORK PLAN 119 OF 141 M1.06 BUILDING TYPE 109 UPPER LEVEL DUCTWORK PLAN 120 OF 141 M1.07 BUILDING TYPE 110 LOWER LEVEL DUCTWORK PLAN 121 OF 141 M1.08 BUILDING TYPE 110 LOWER LEVEL DUCTWORK PLAN 122 OF 141 M1.09 BUILDING TYPE 110 UPPER LEVEL DUCTWORK PLAN 123 OF 141 M1.01 BUILDING TYPE 111 DUCTWORK PLAN 123 OF 141 M1.10 BUILDING TYPE 112 DUCTWORK PLAN 124 OF 141 M1.11 BUILDING TYPE 113 DUCTWORK PLAN 125 OF 141 M2.01 MECHANICAL ROOM SECTIONS 126 OF 141 M5.01 MECHANICAL SCHEDULES		PHASE 3 OMES AT WATKINS GROVE EUNE NORTH CAROLINA ON THE CAROLINA ATA ATA ATA ATA ATA ATA BHASE 3 ON THE CAROLINA ON THE CAROLINA ATA ATA ATA ATA ATA ATA ATA
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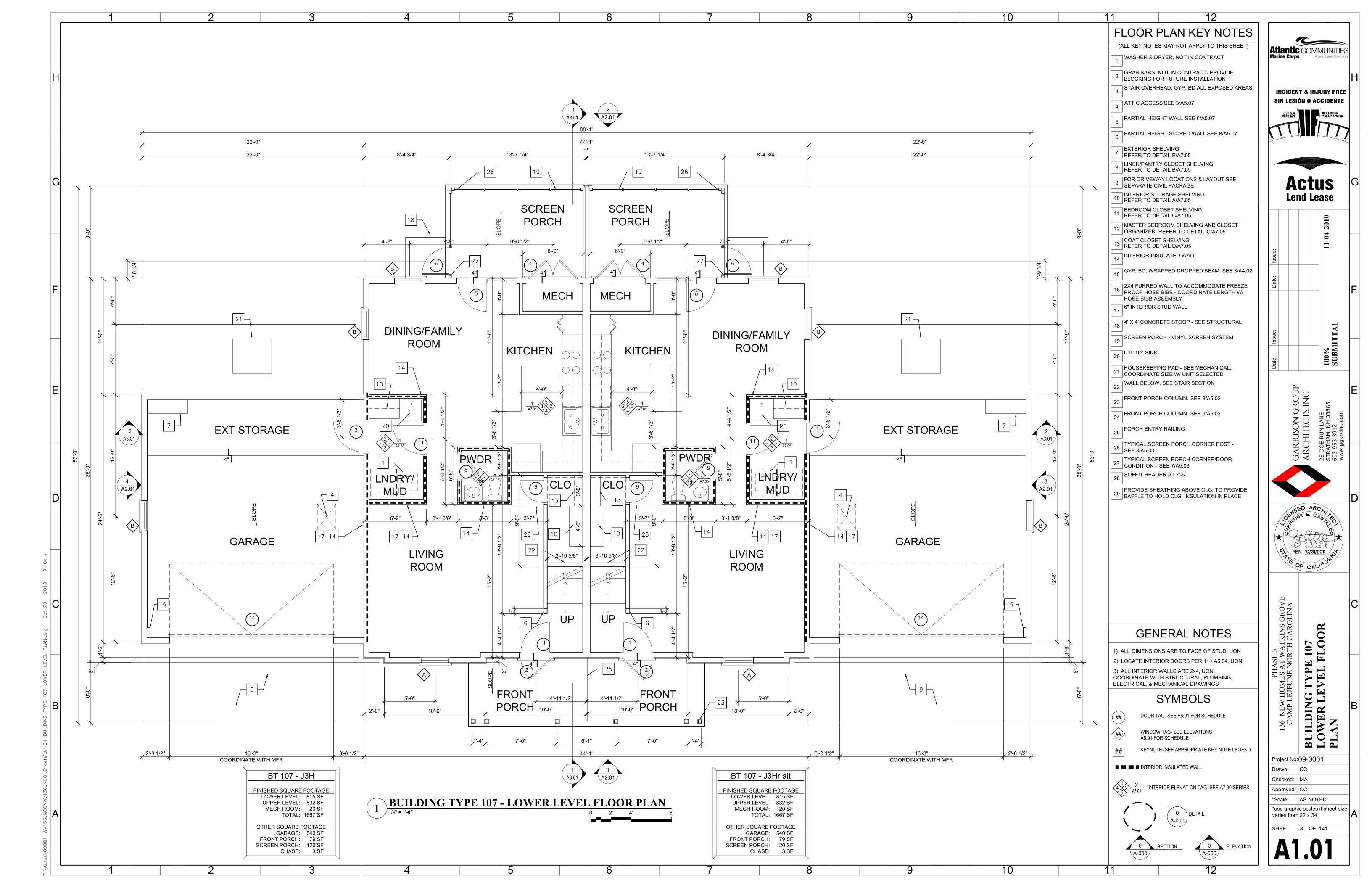


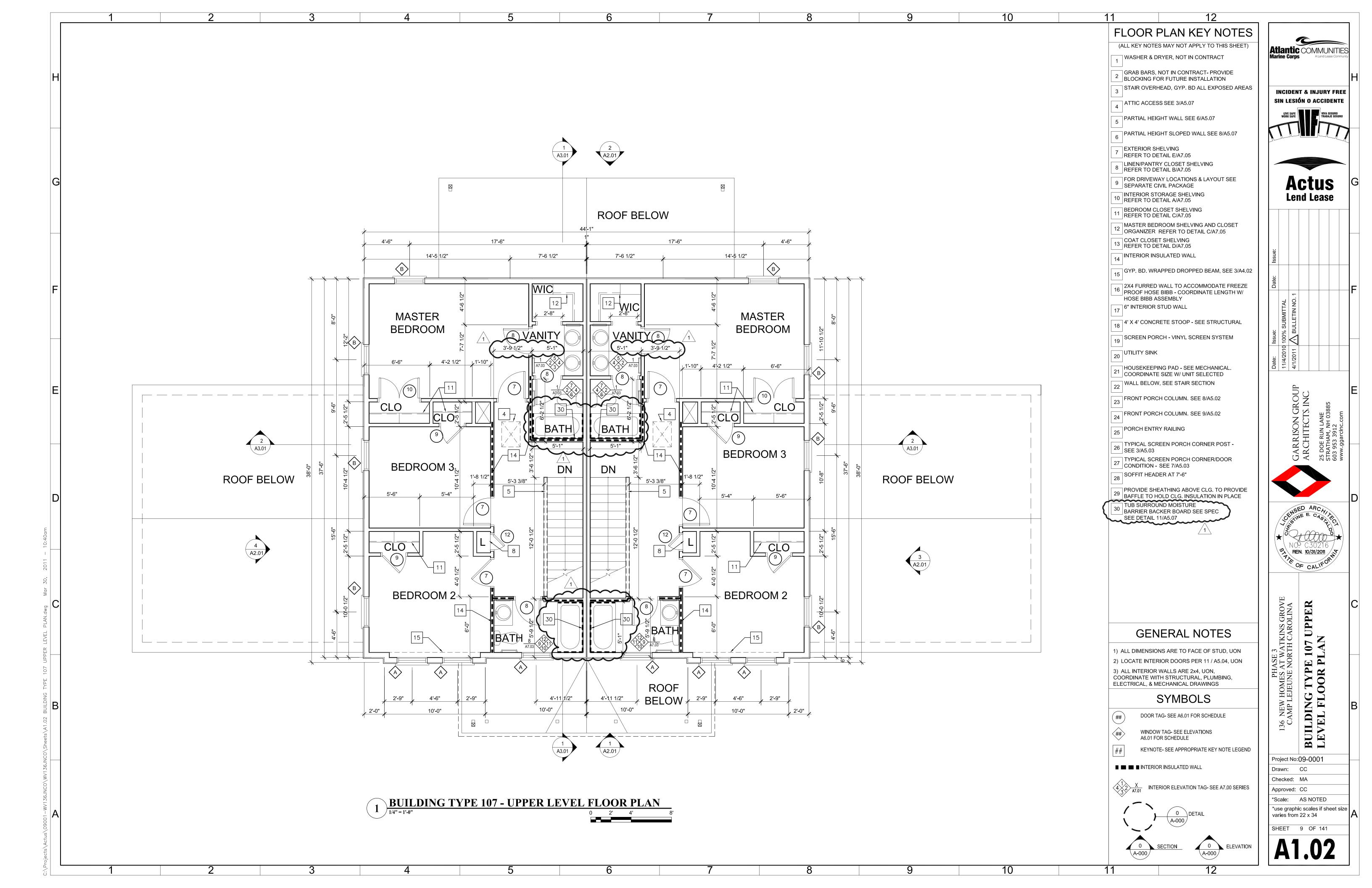


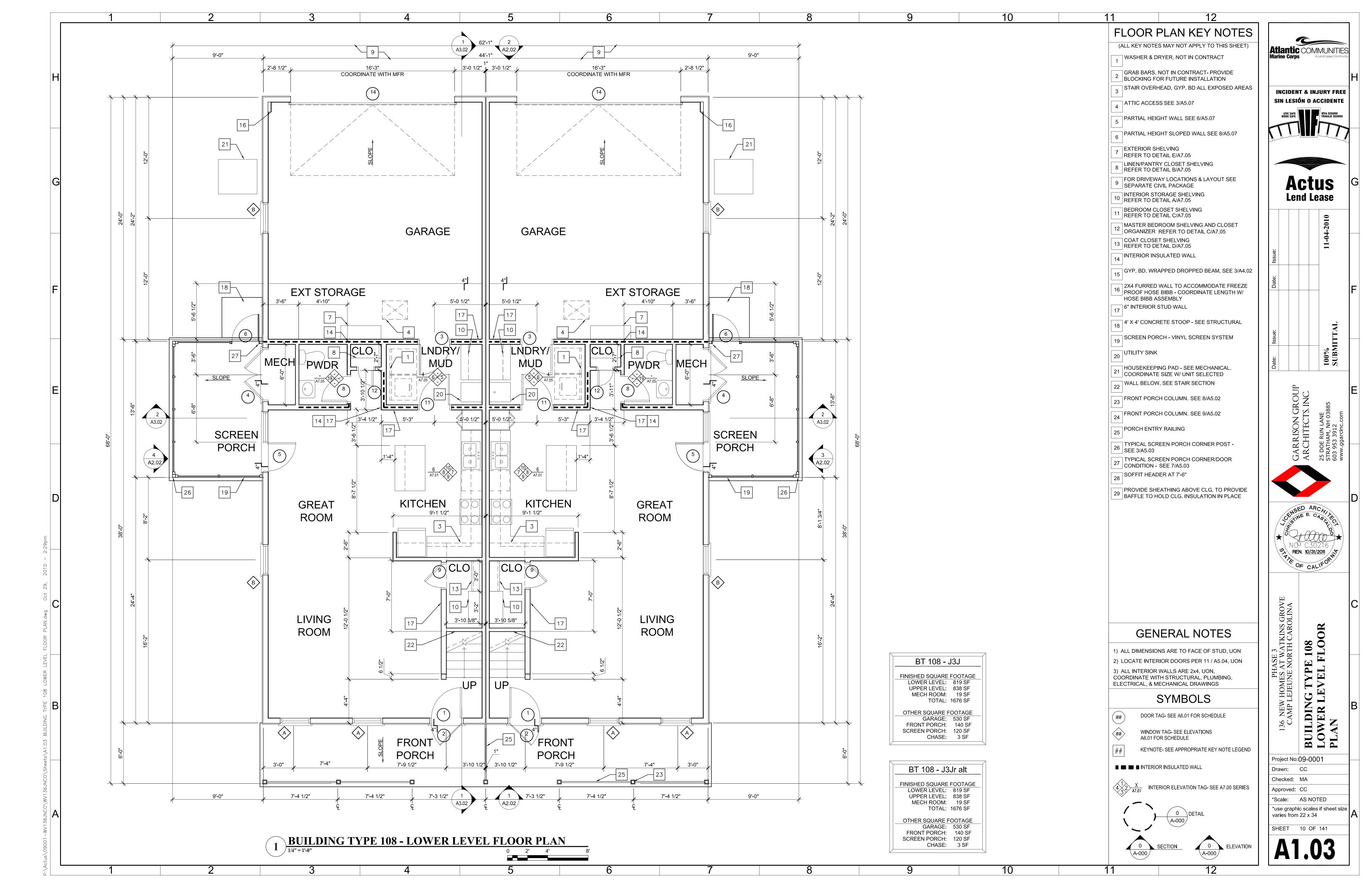


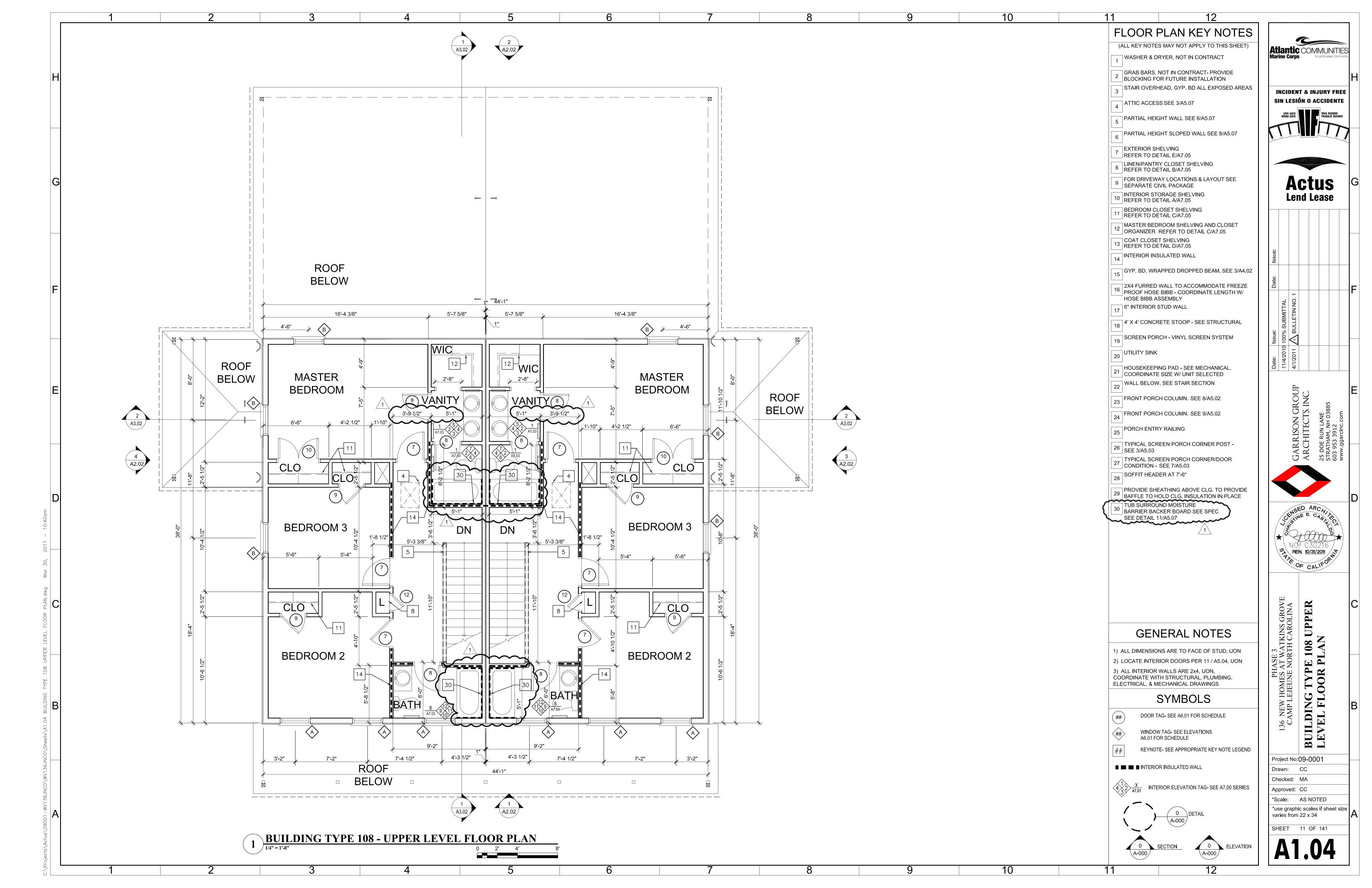


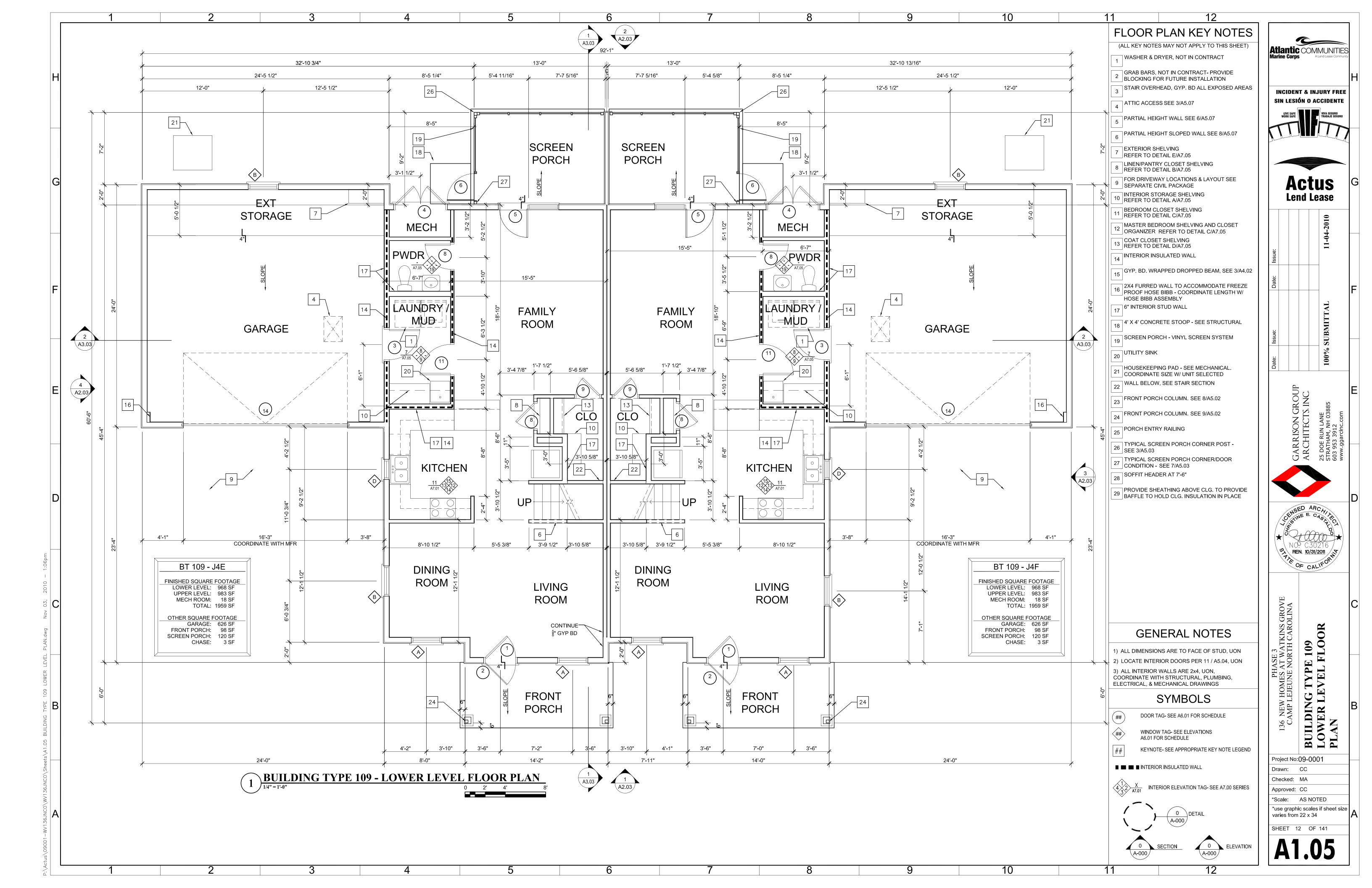


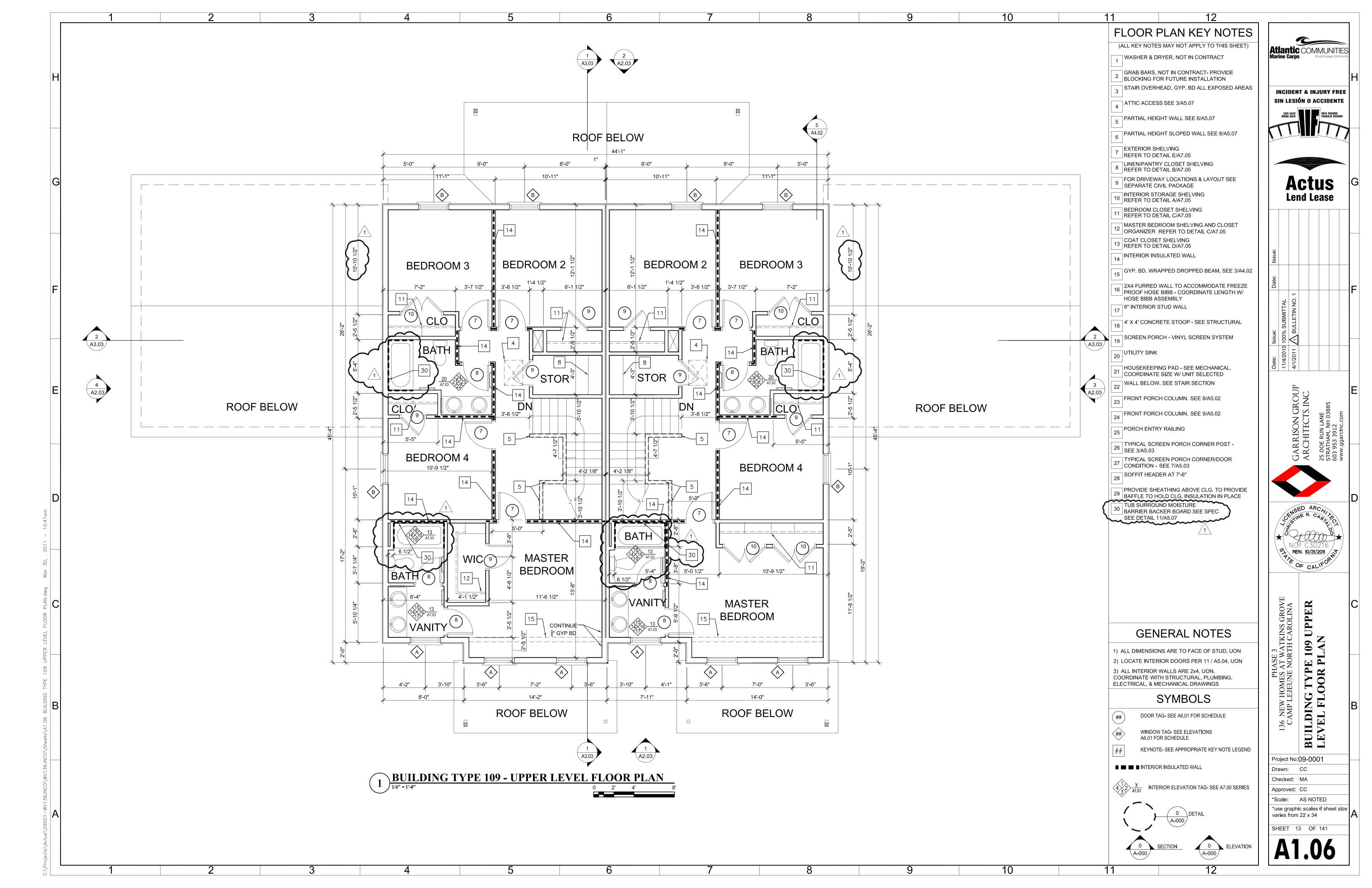


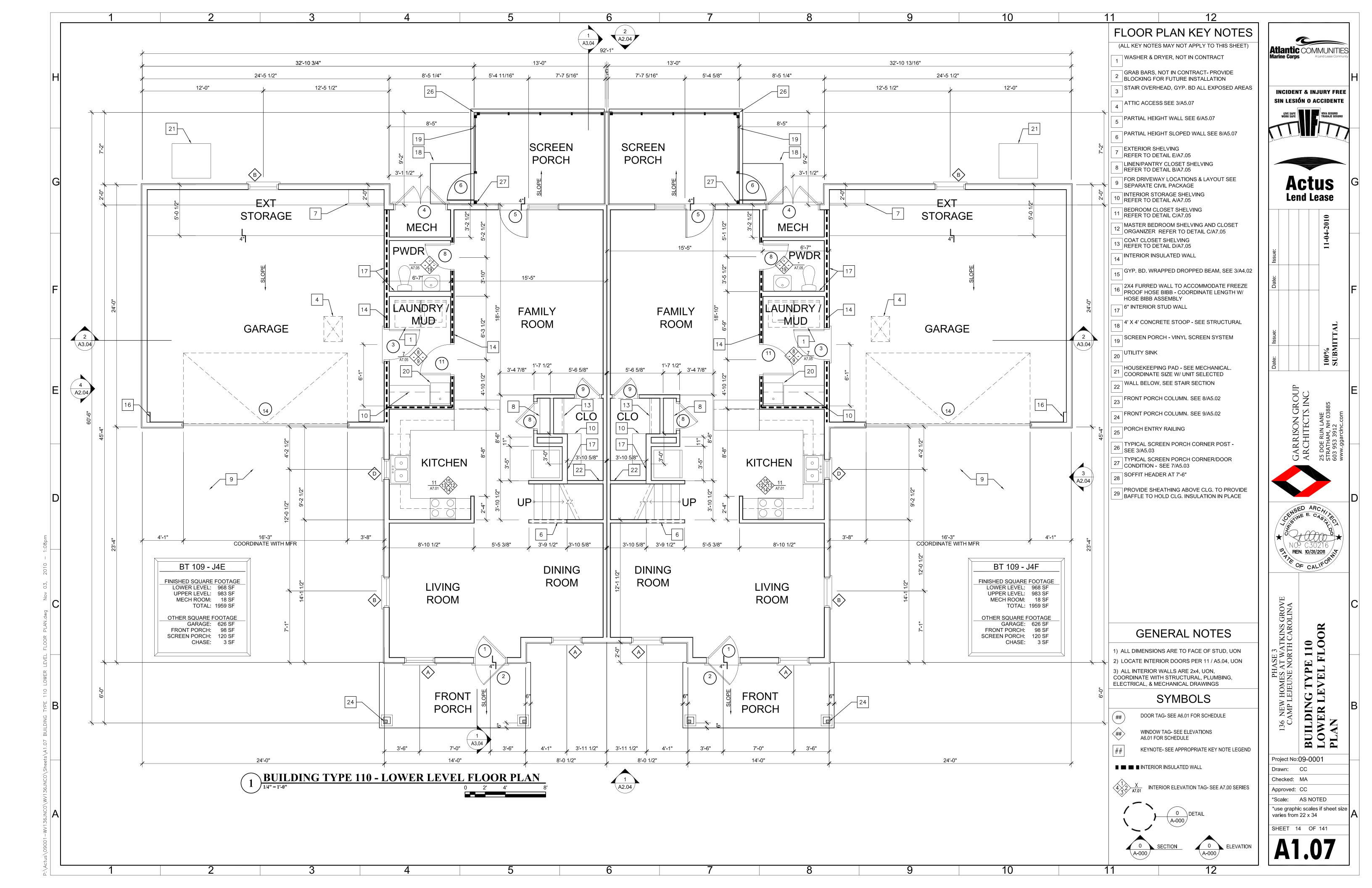


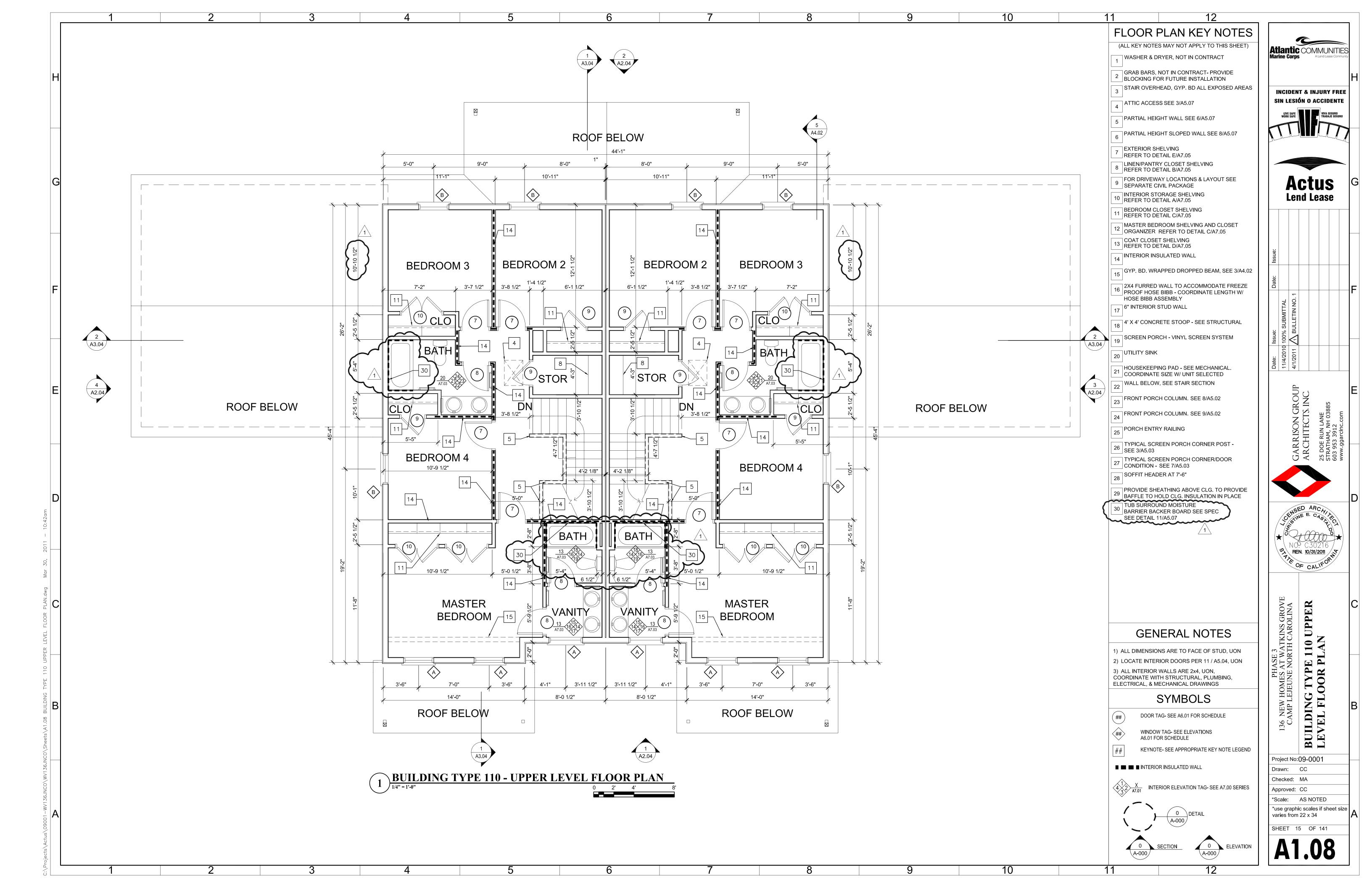


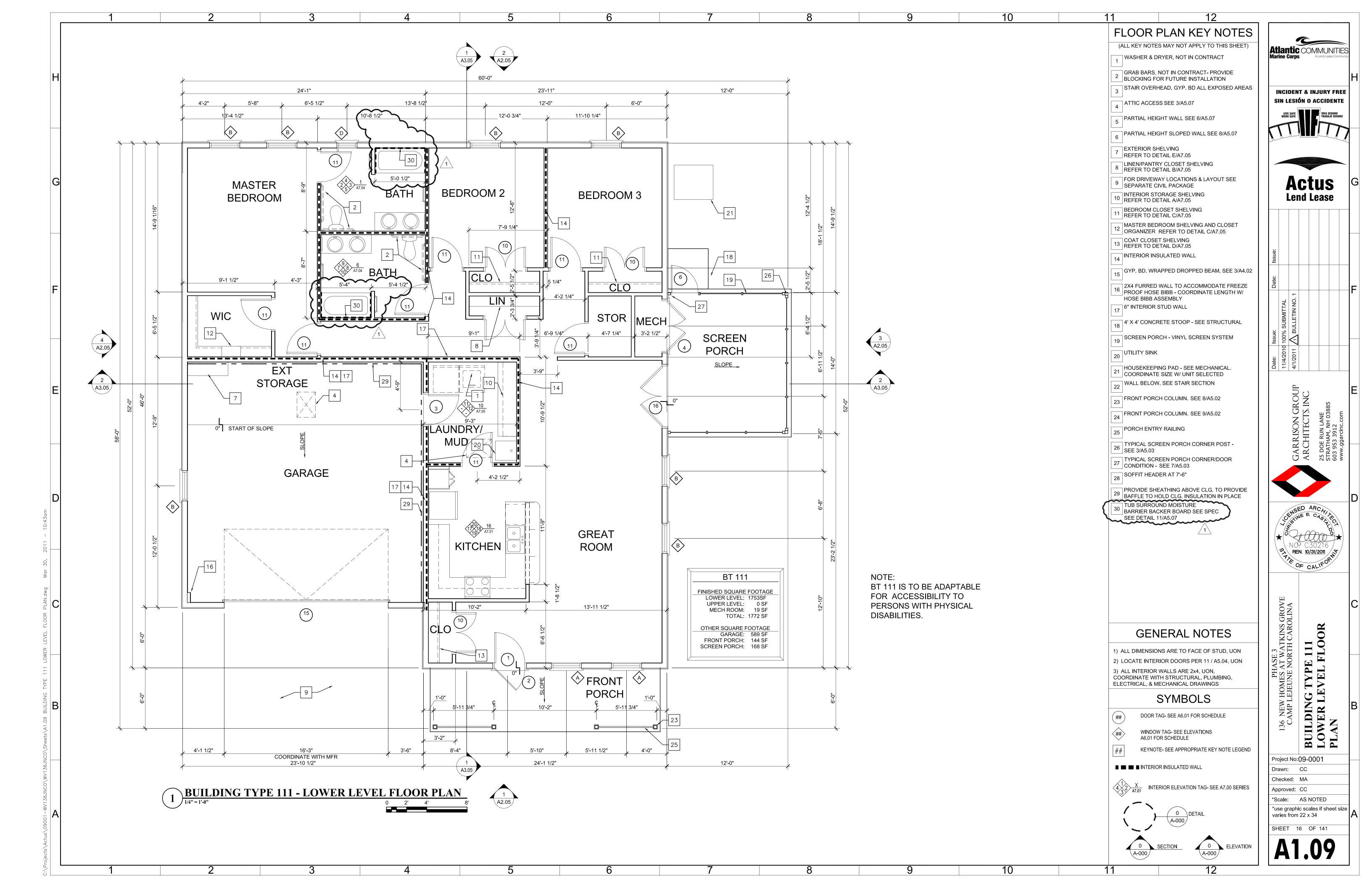


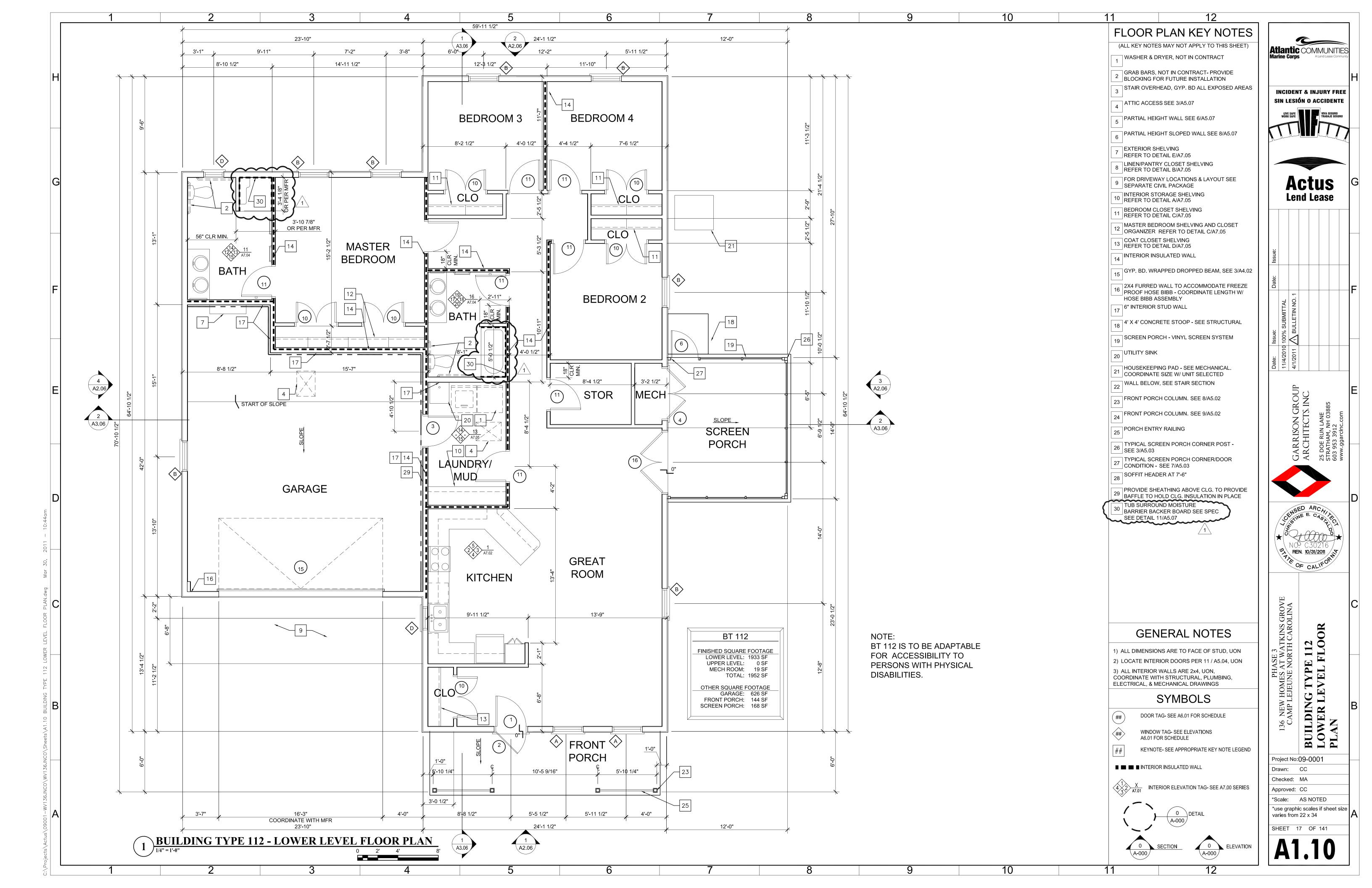


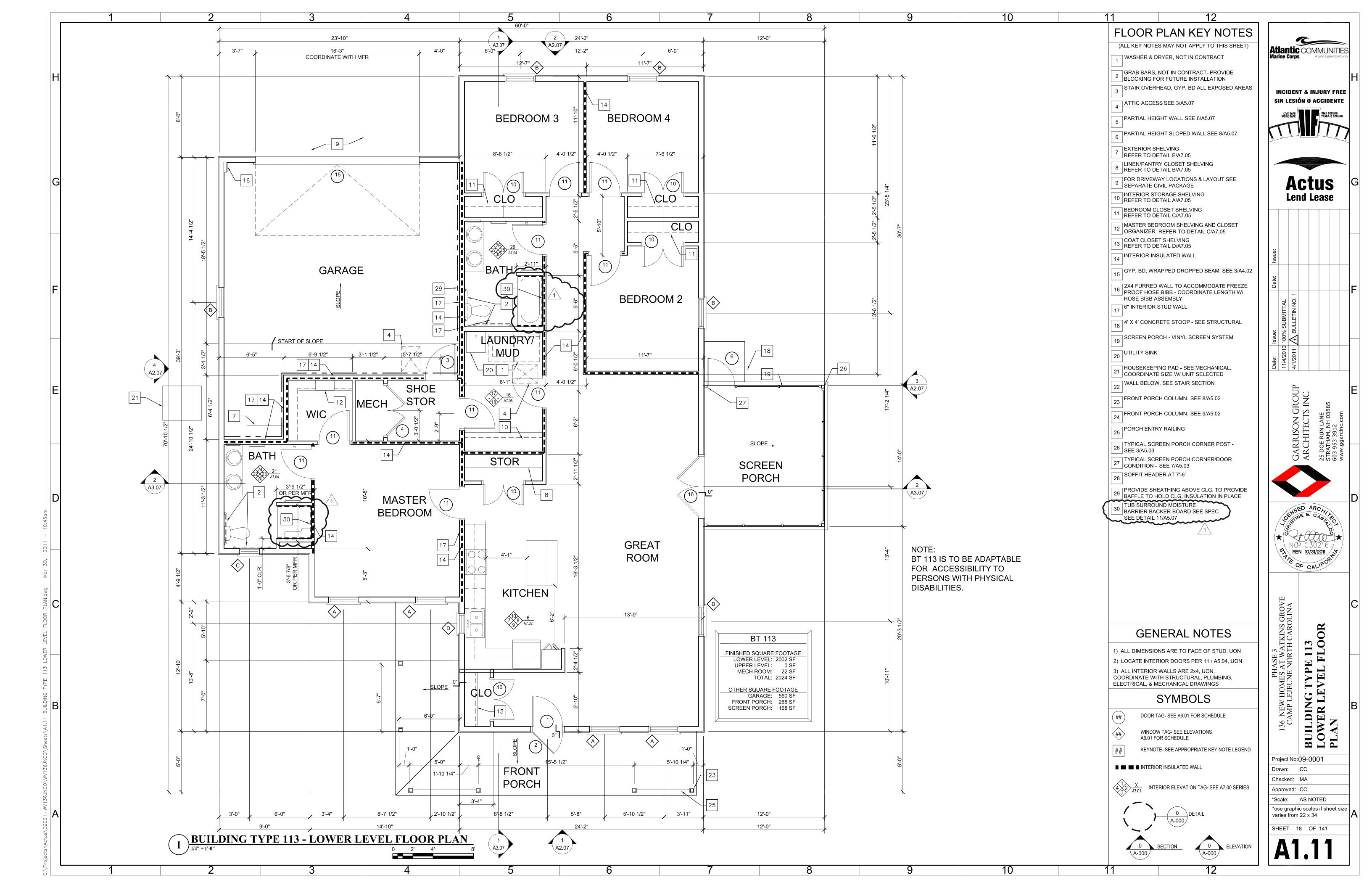


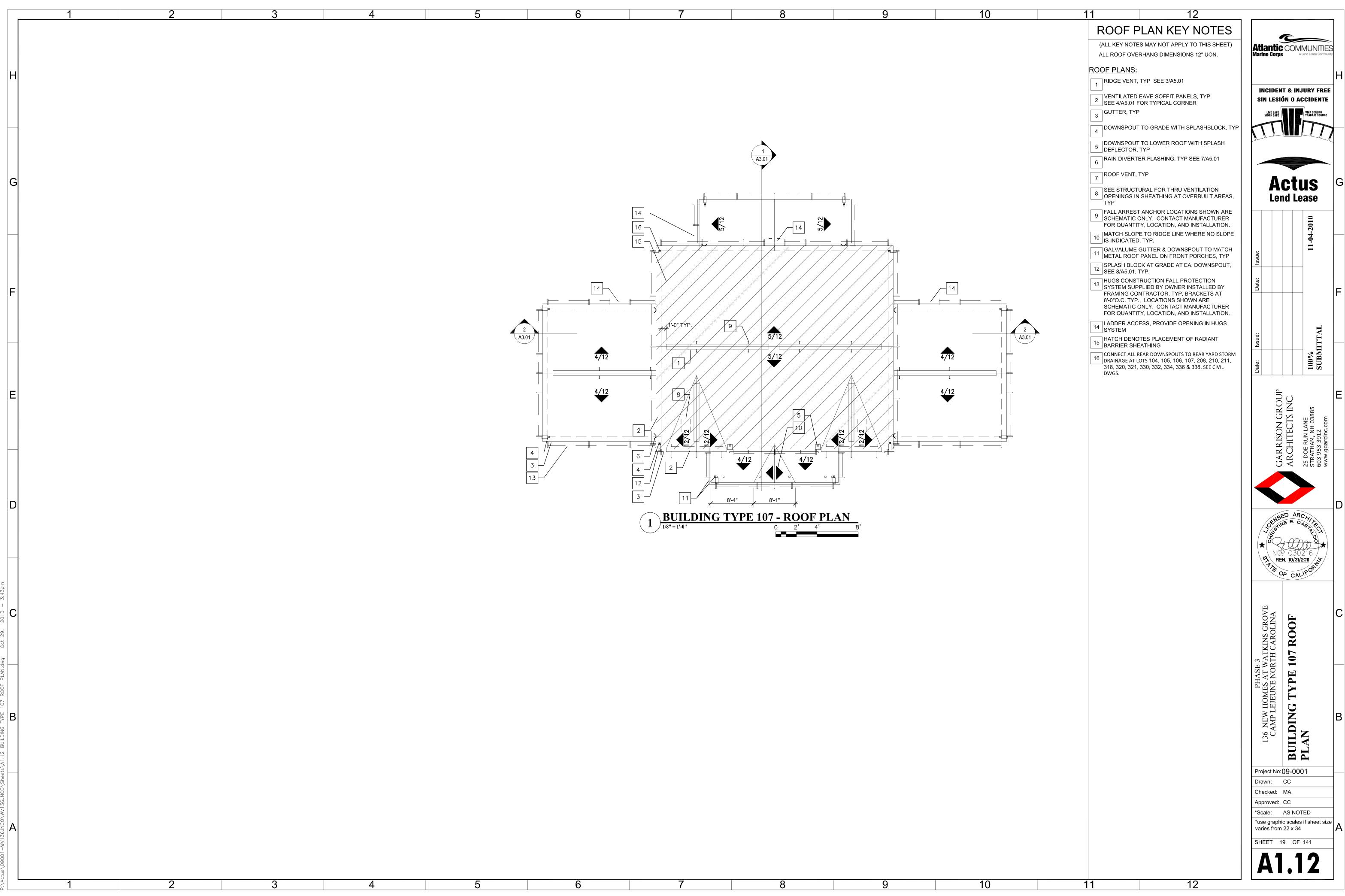


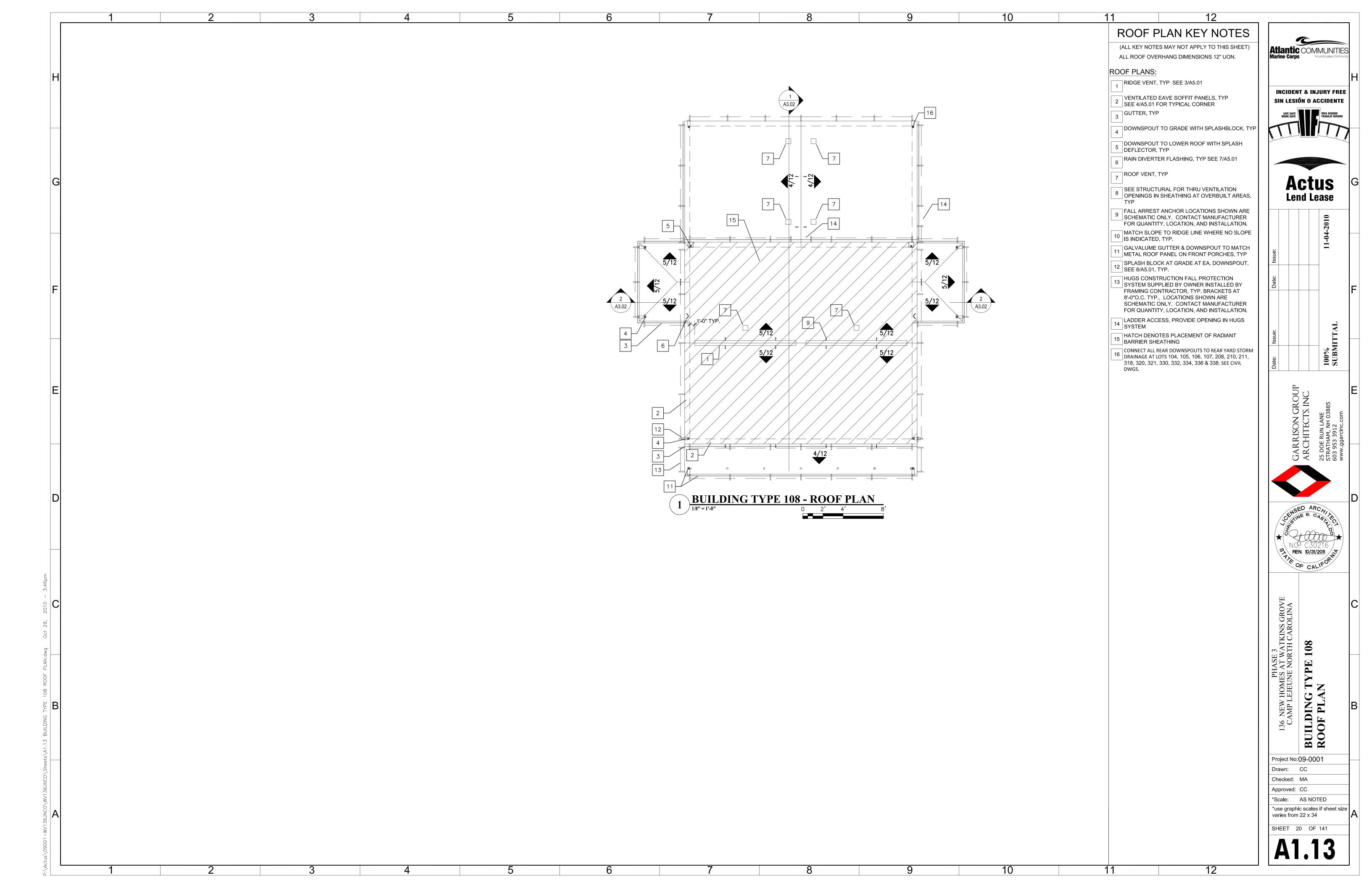


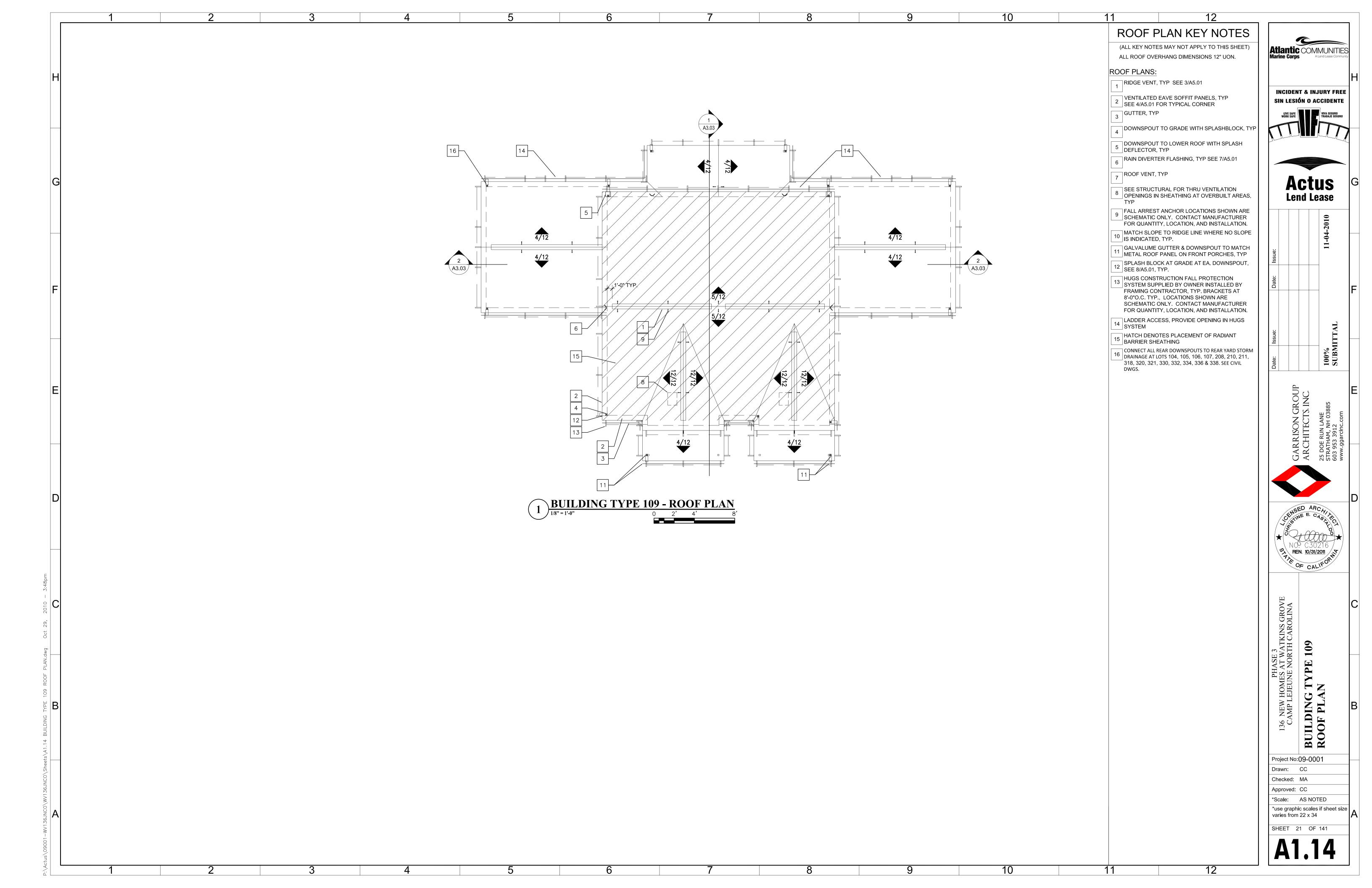


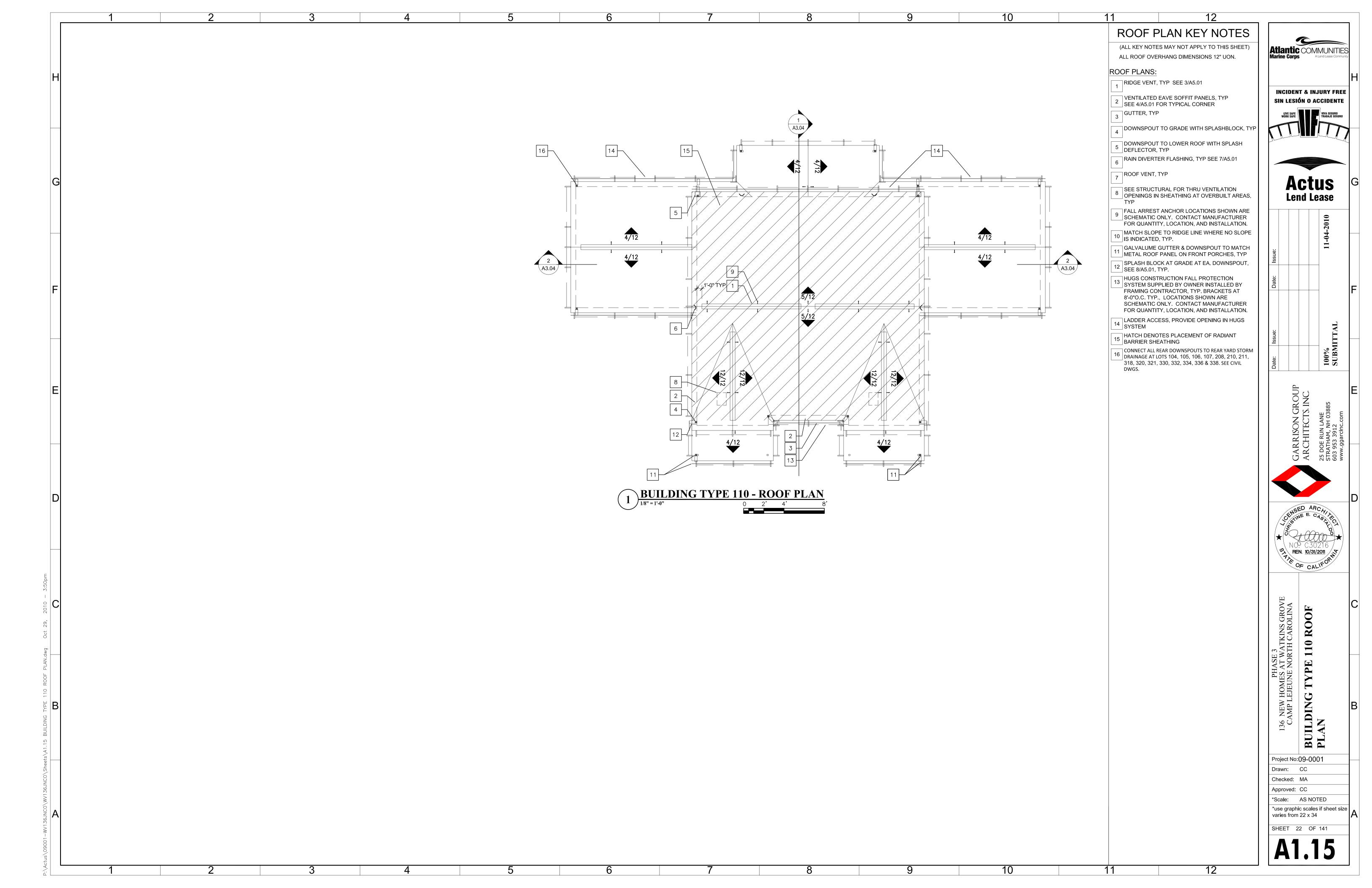


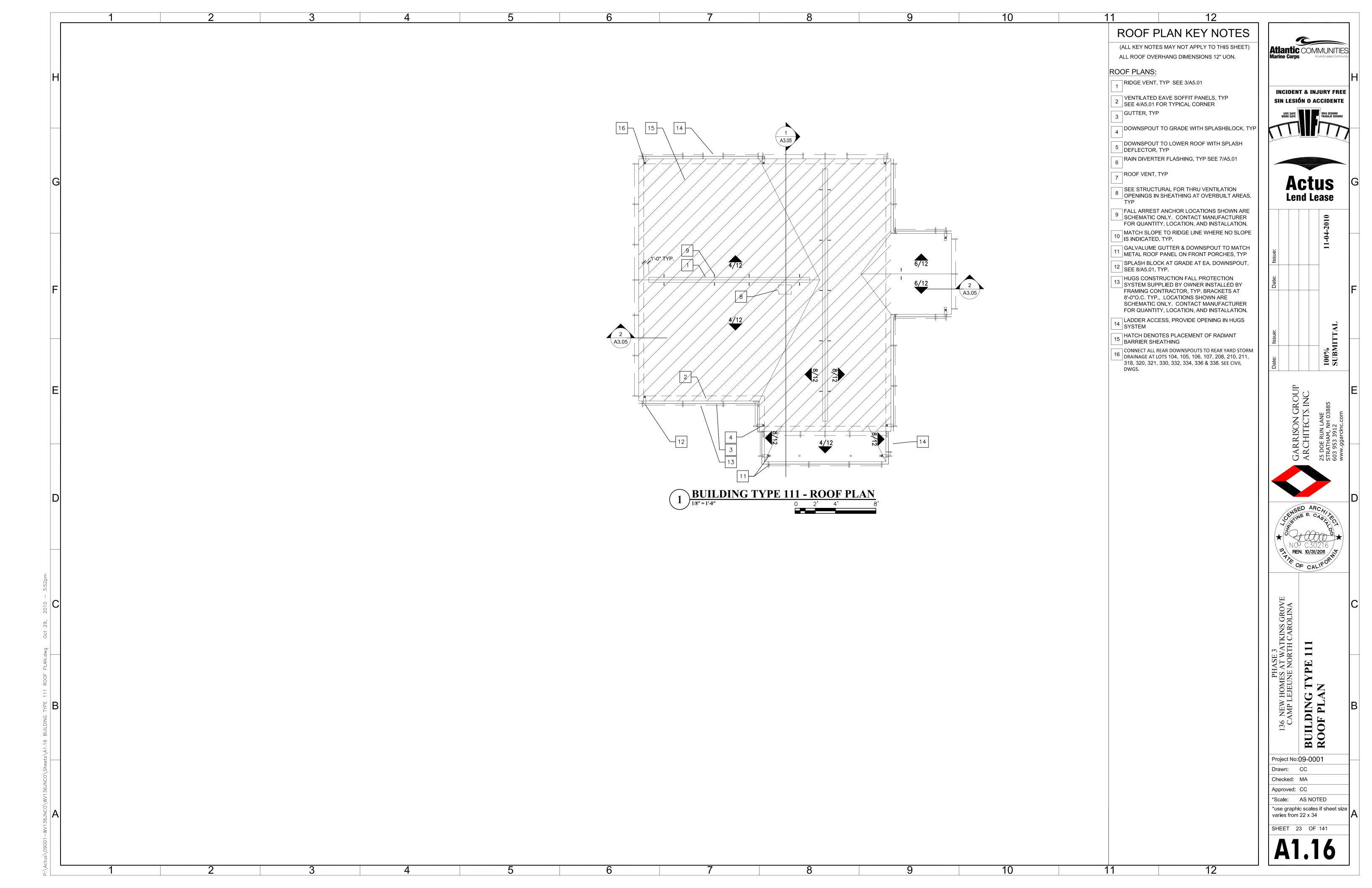


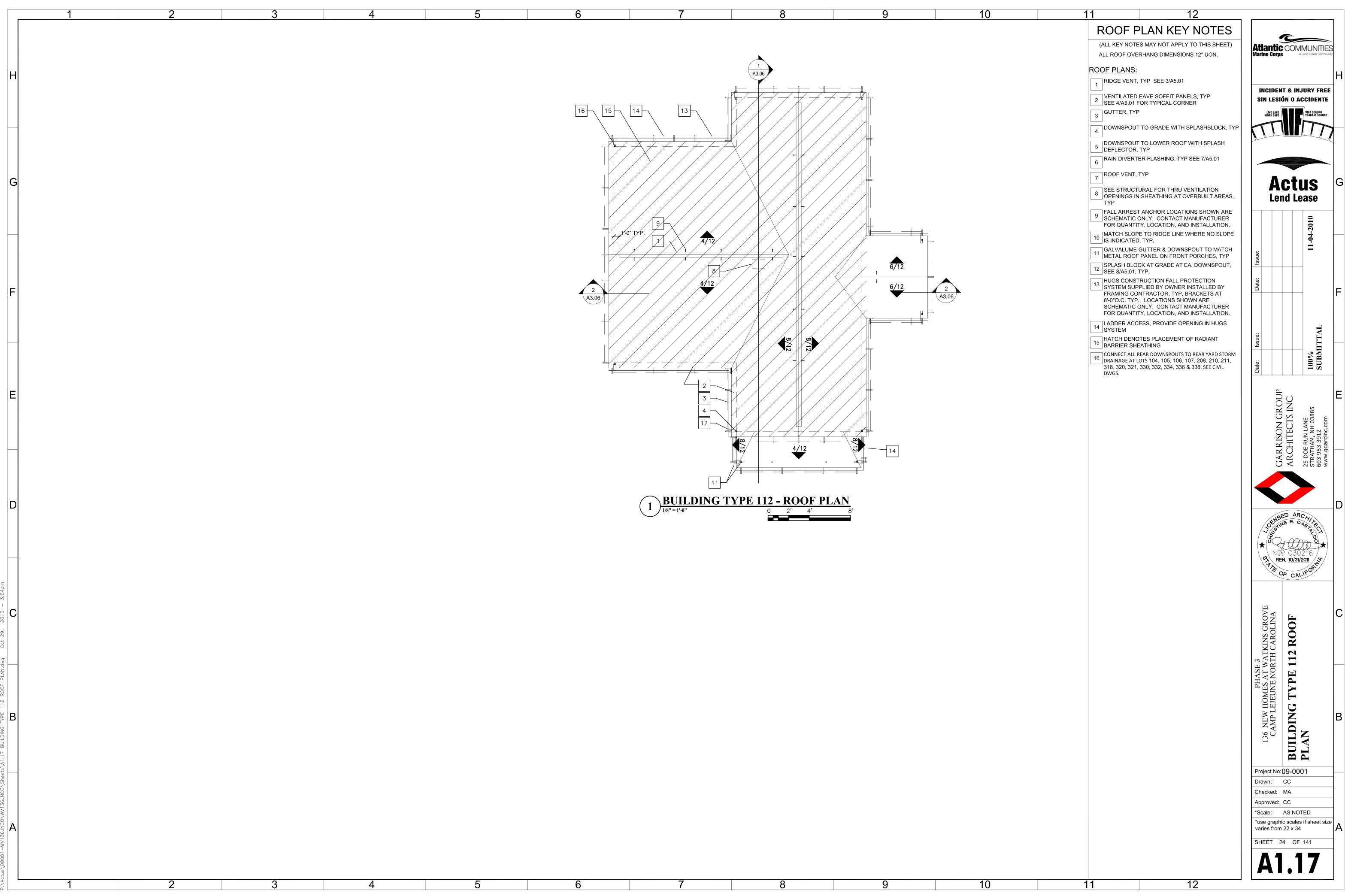


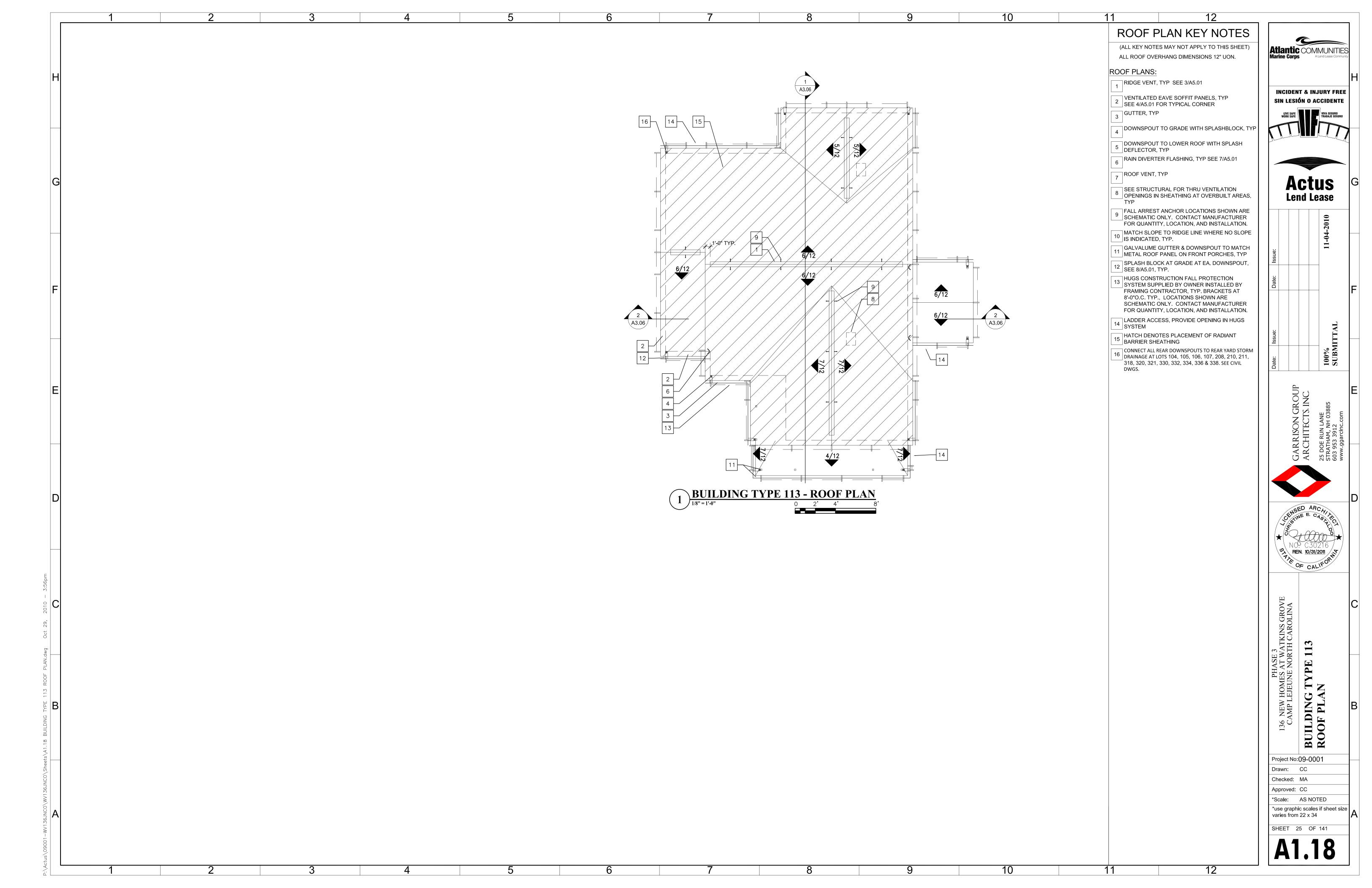


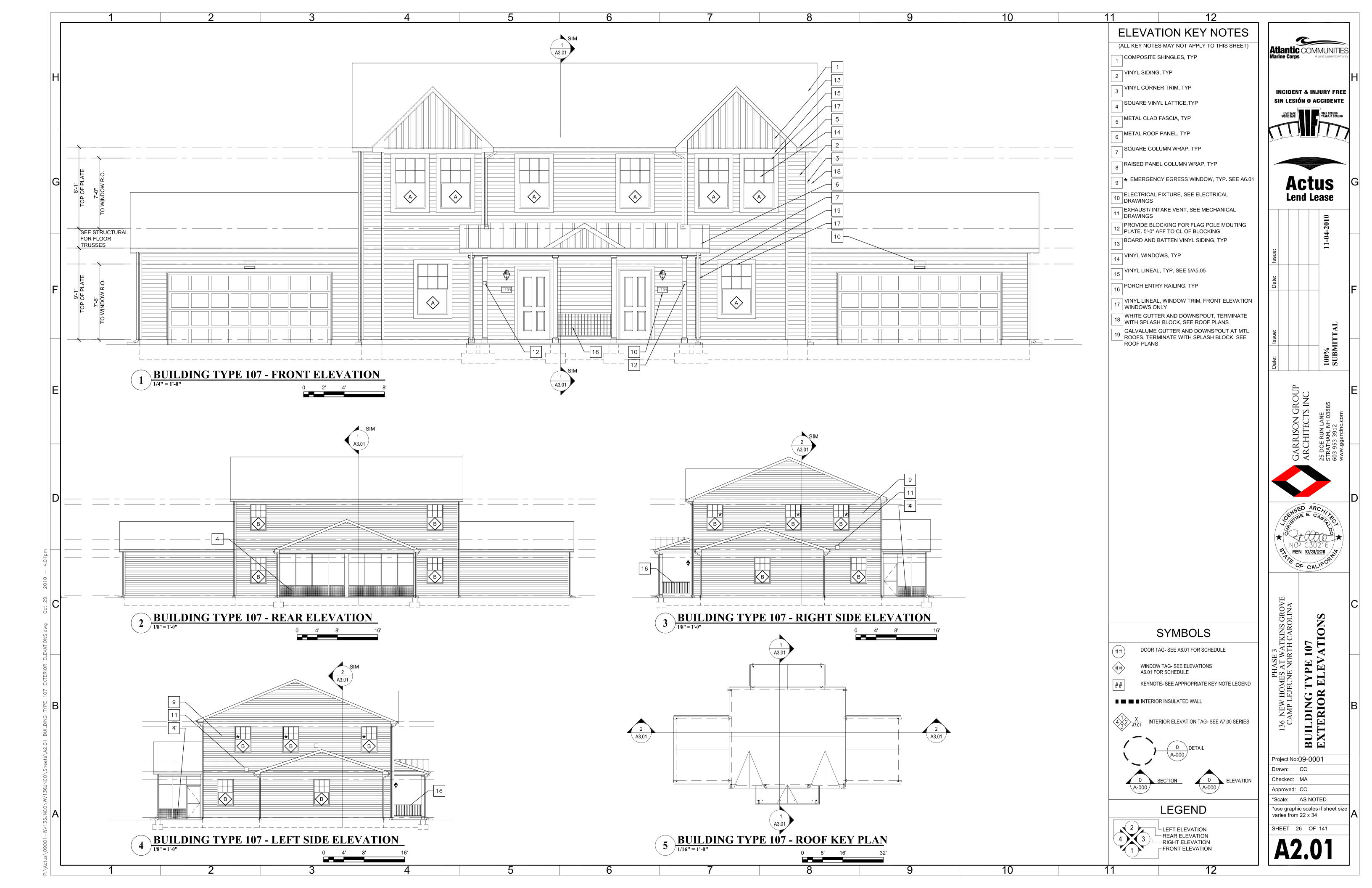


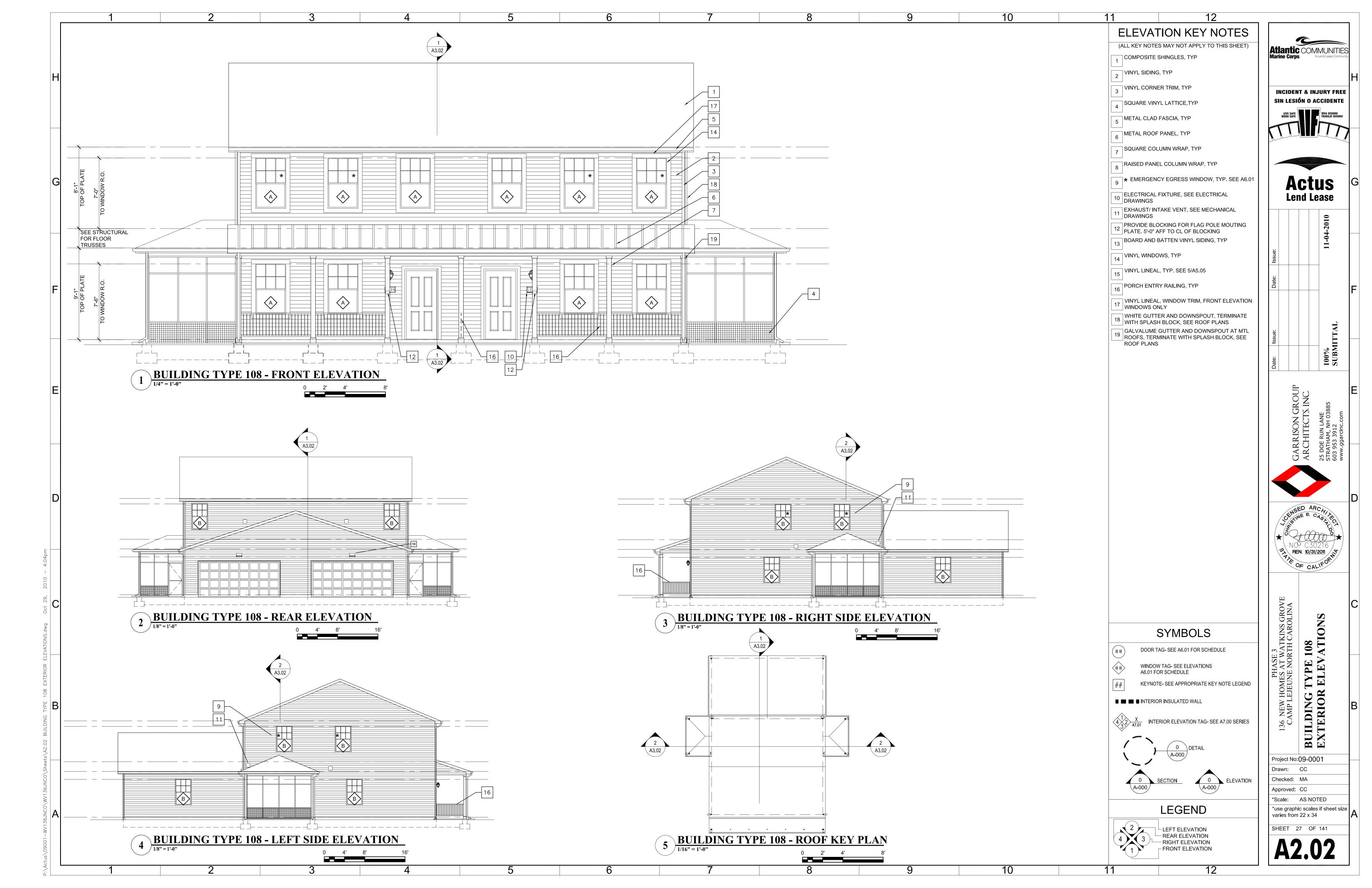






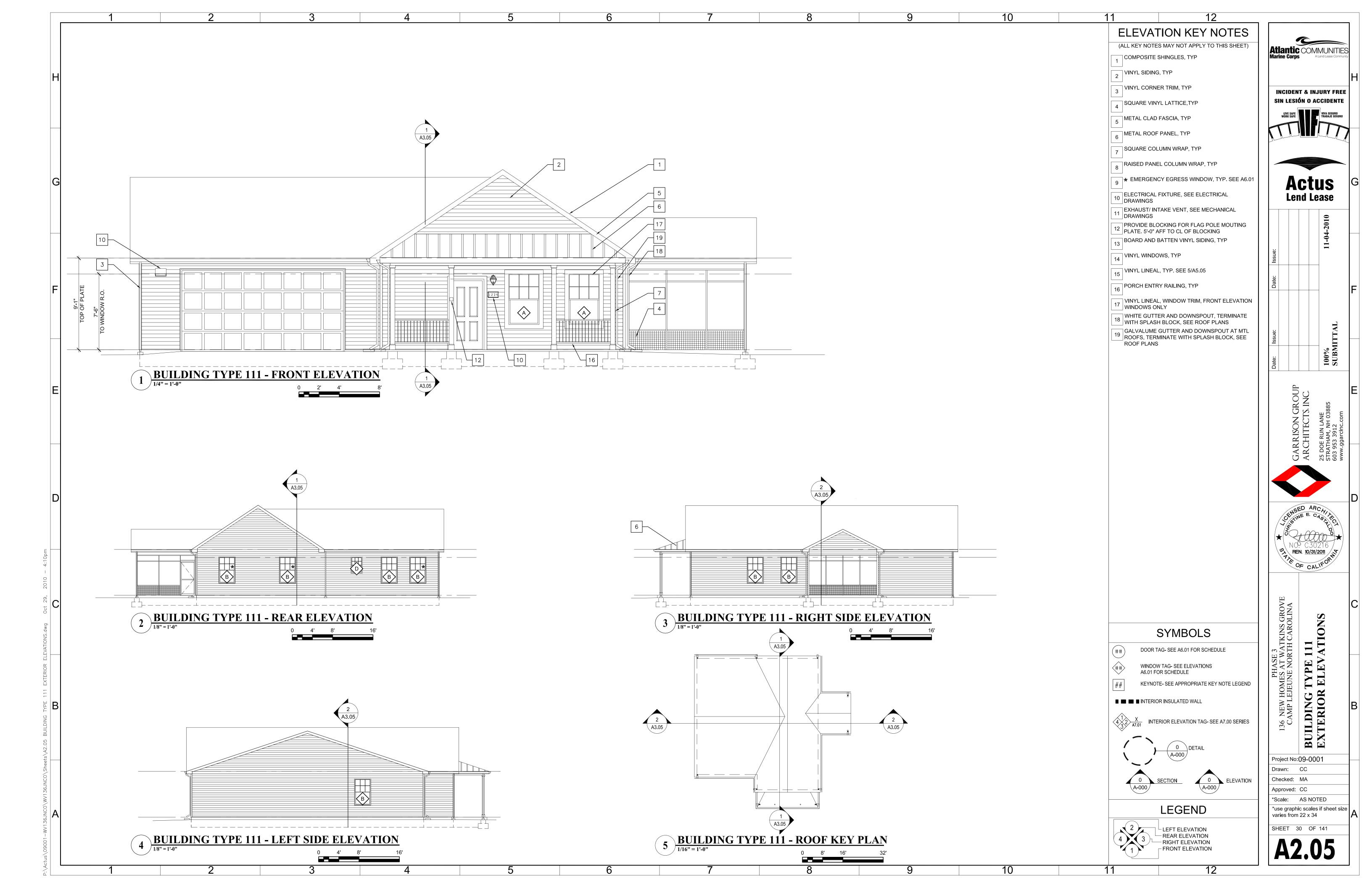


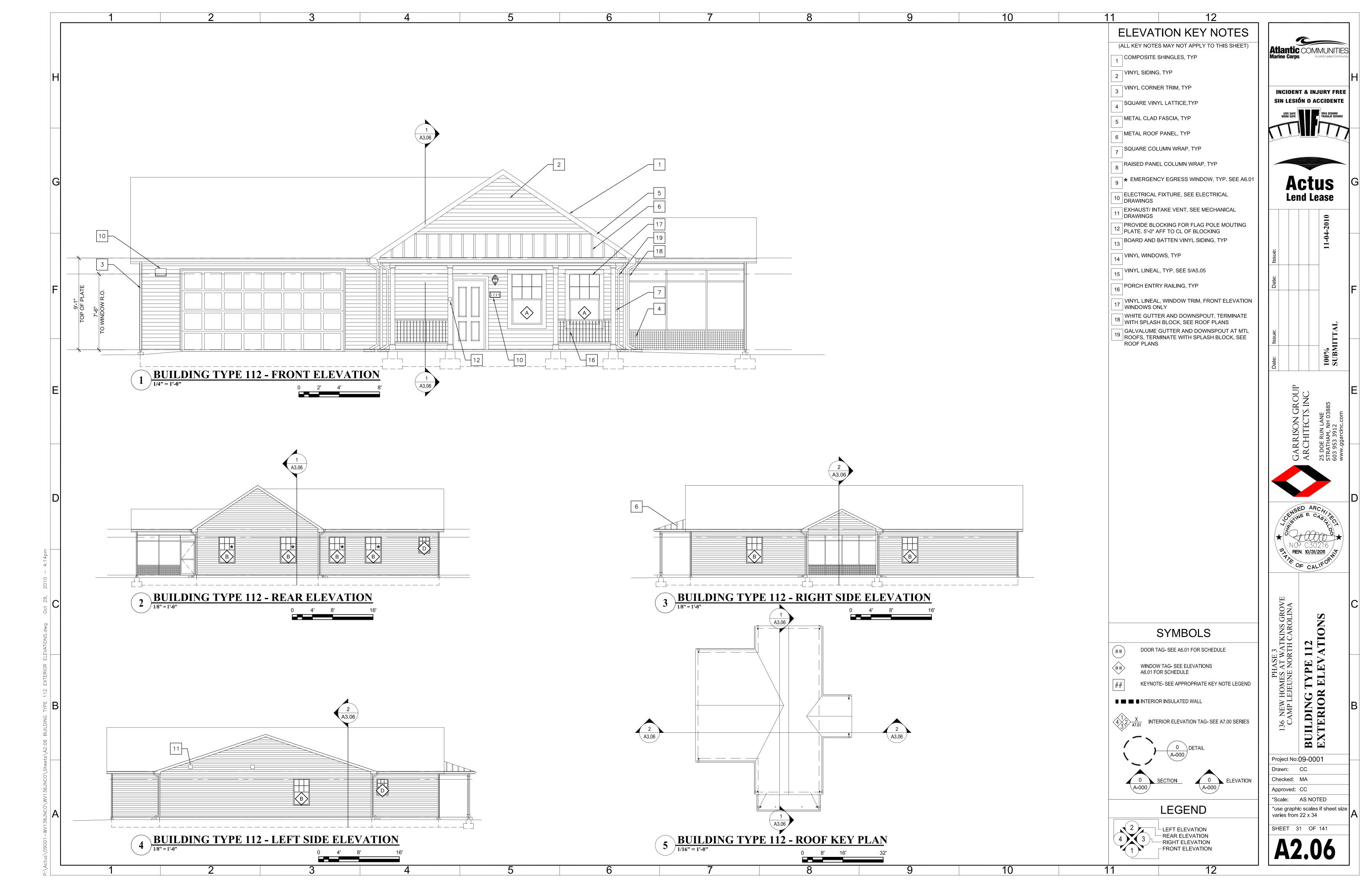


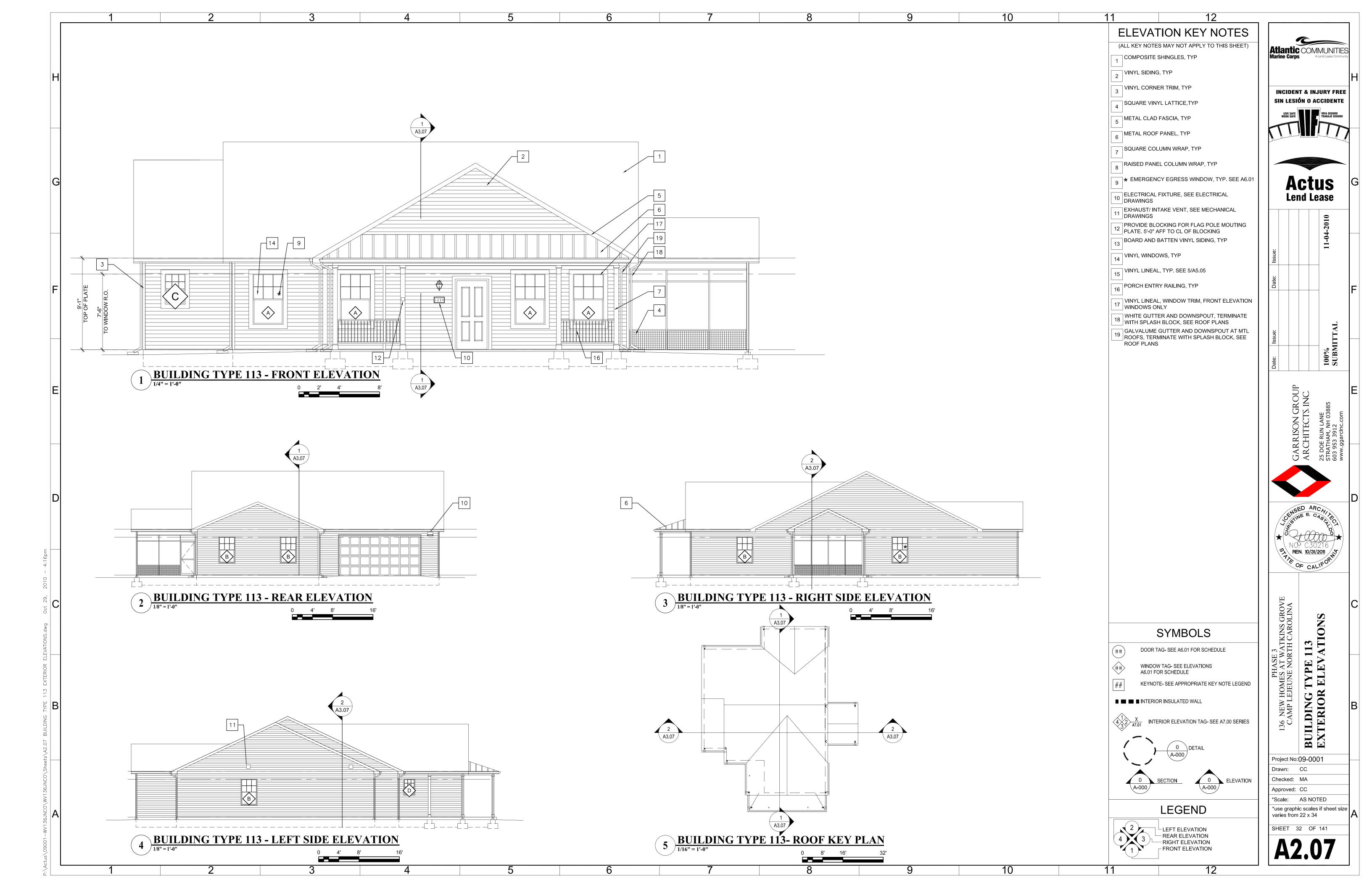


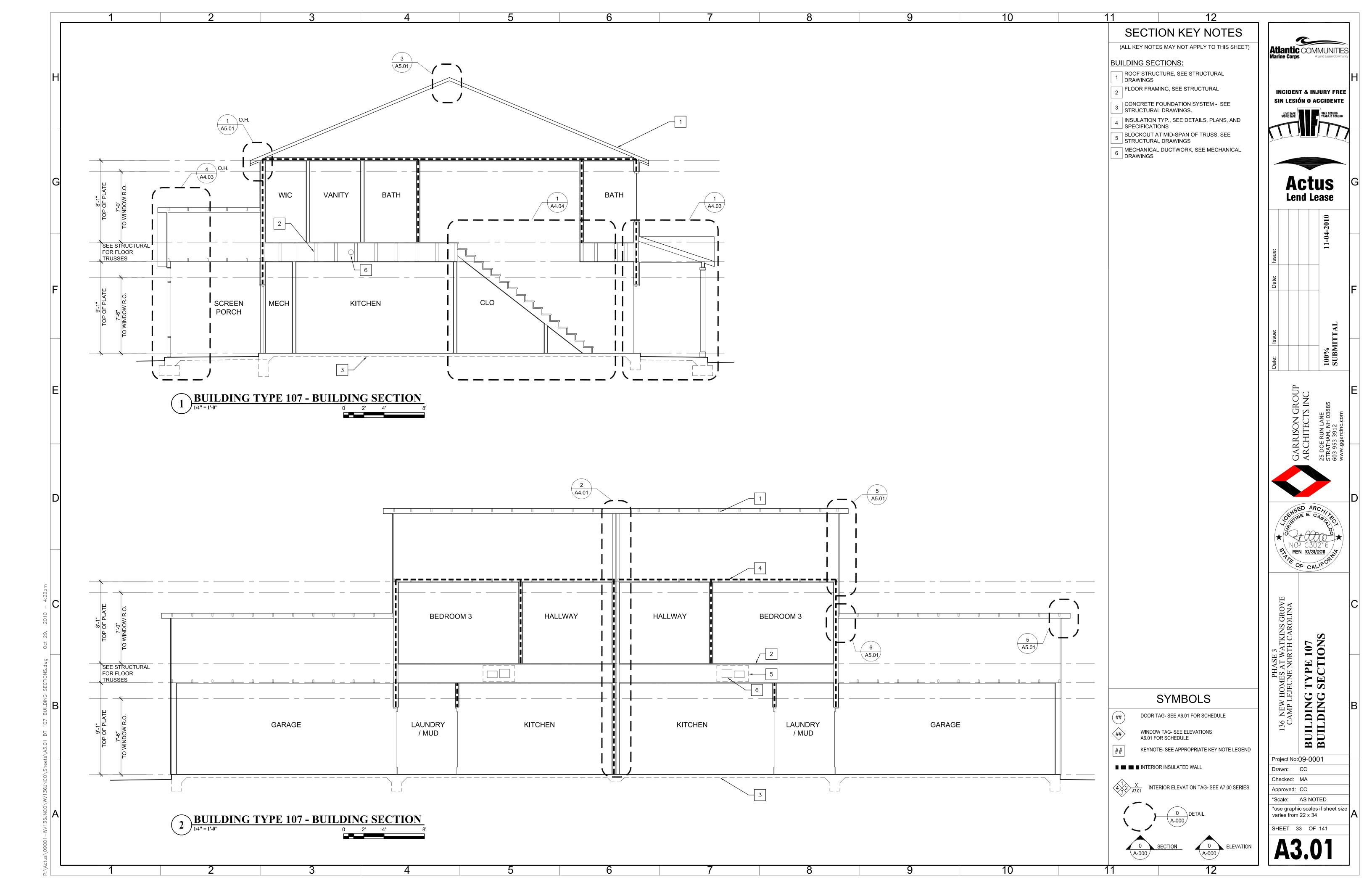


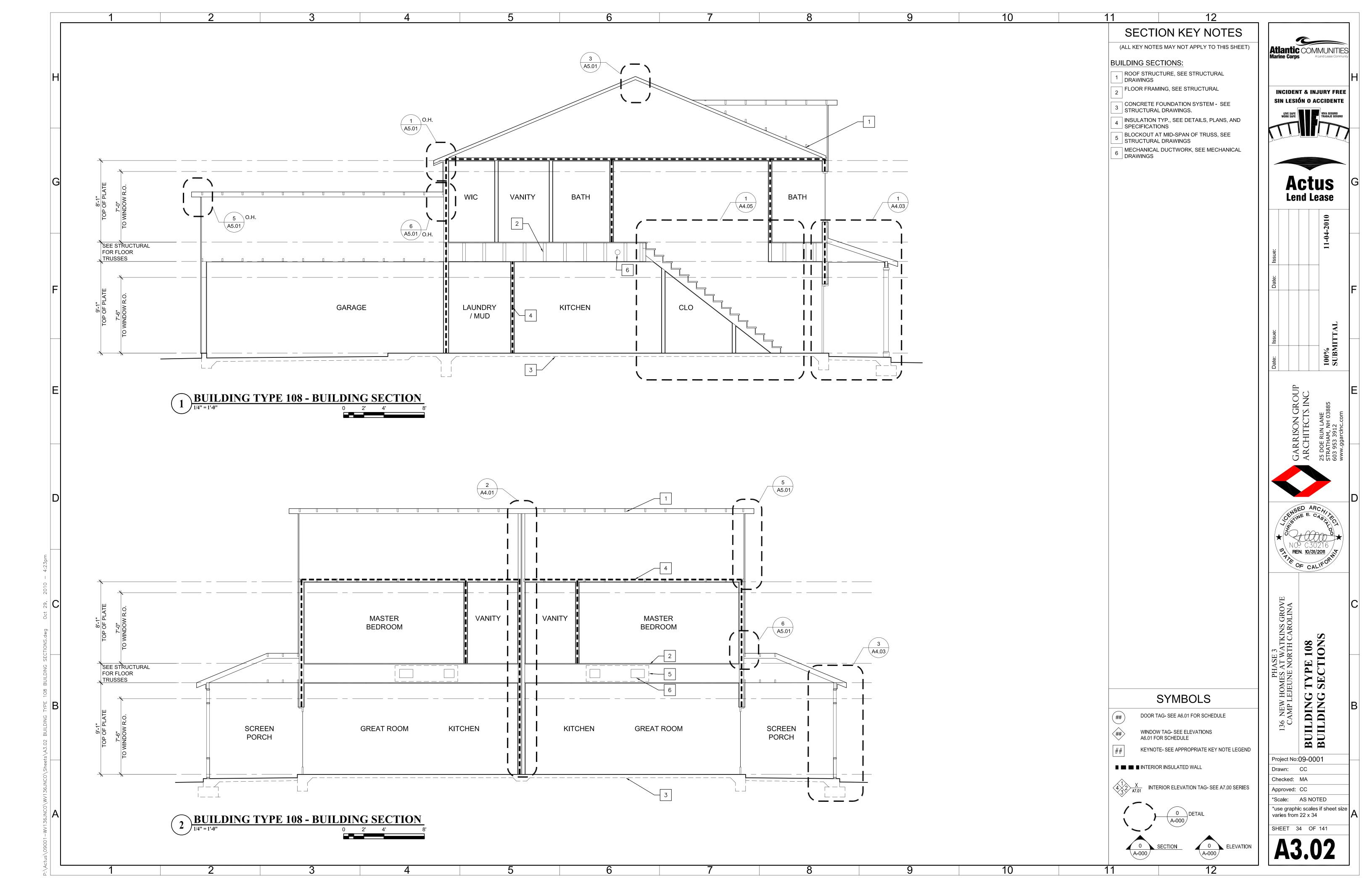


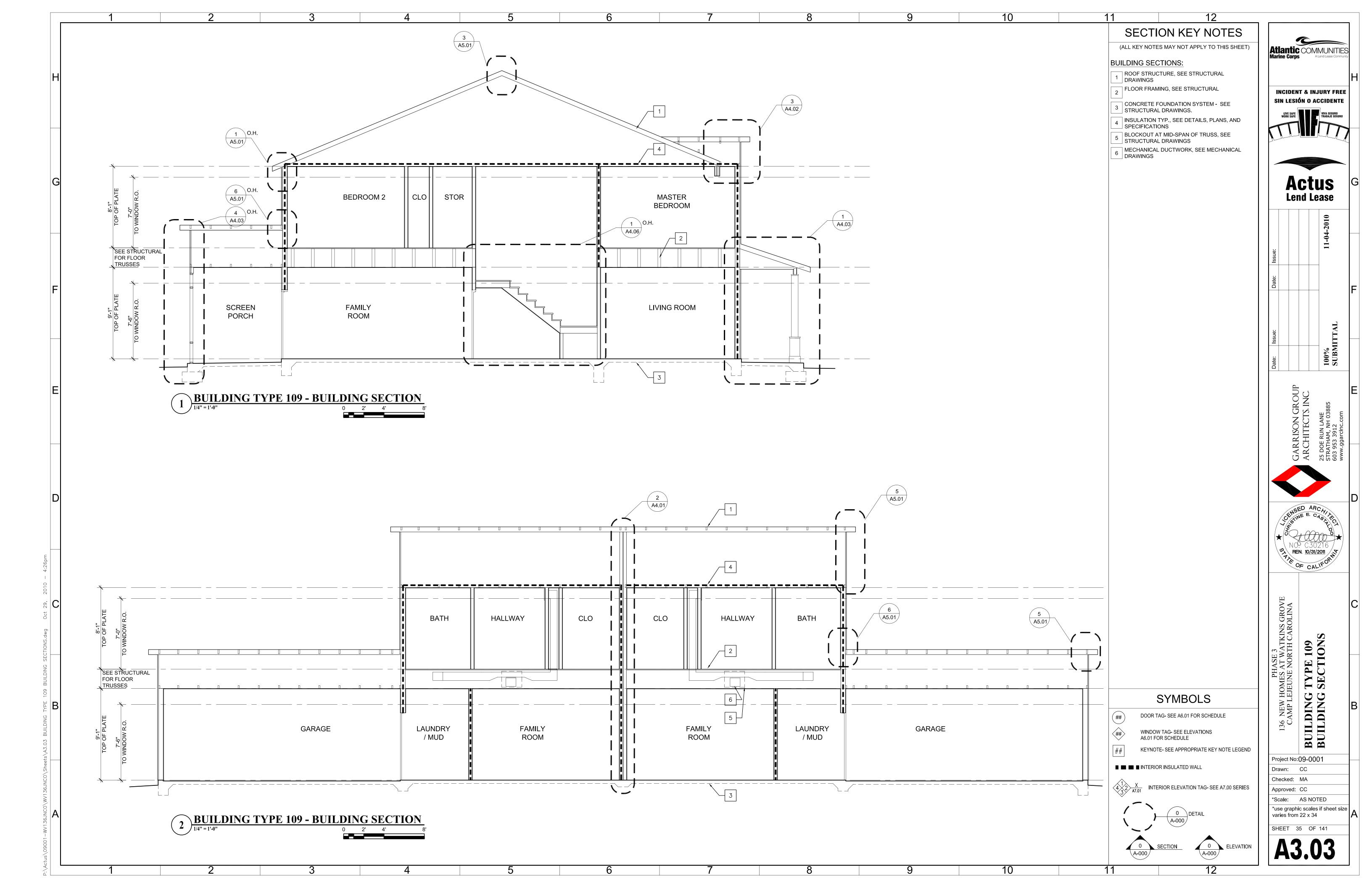


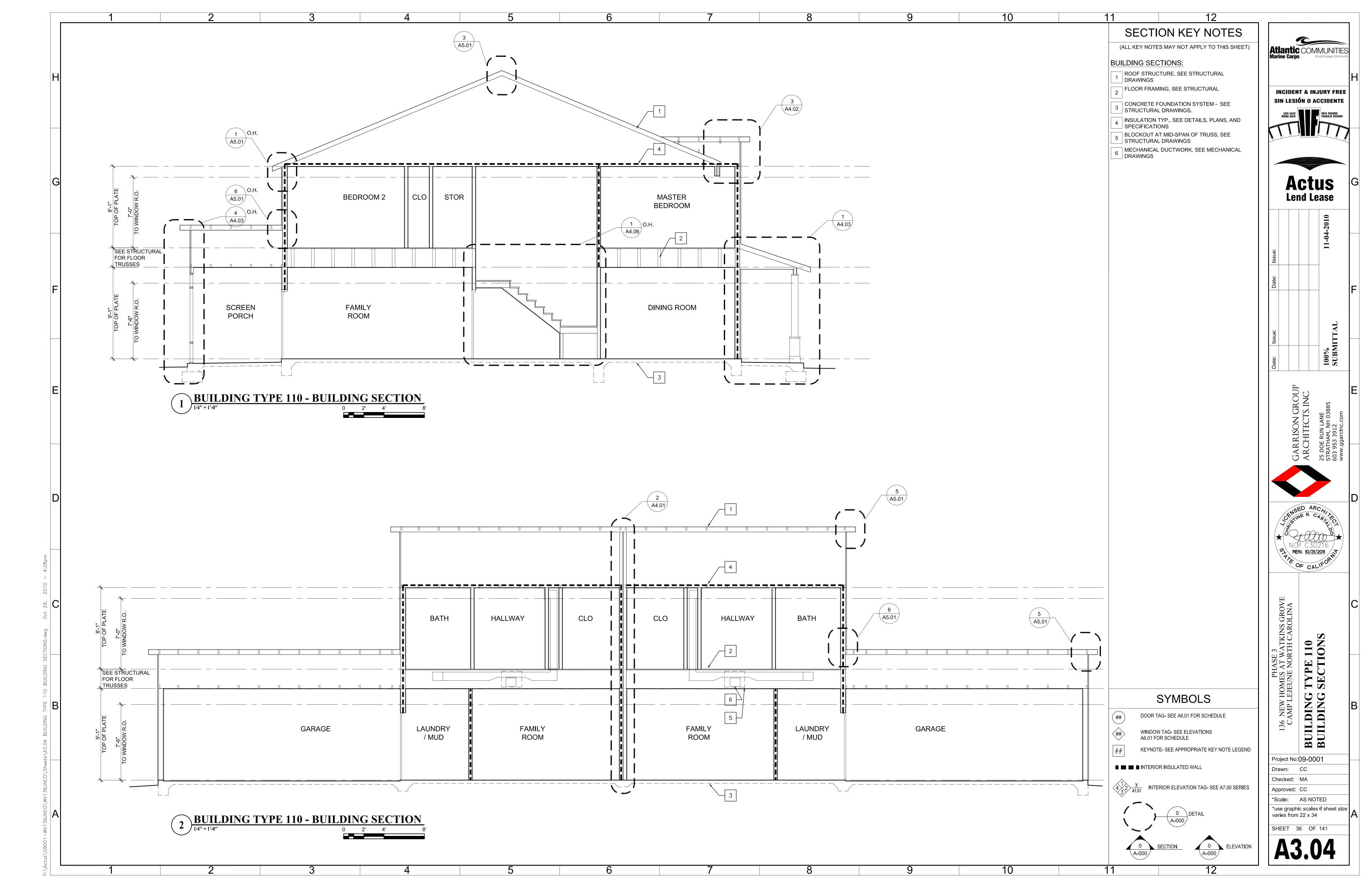


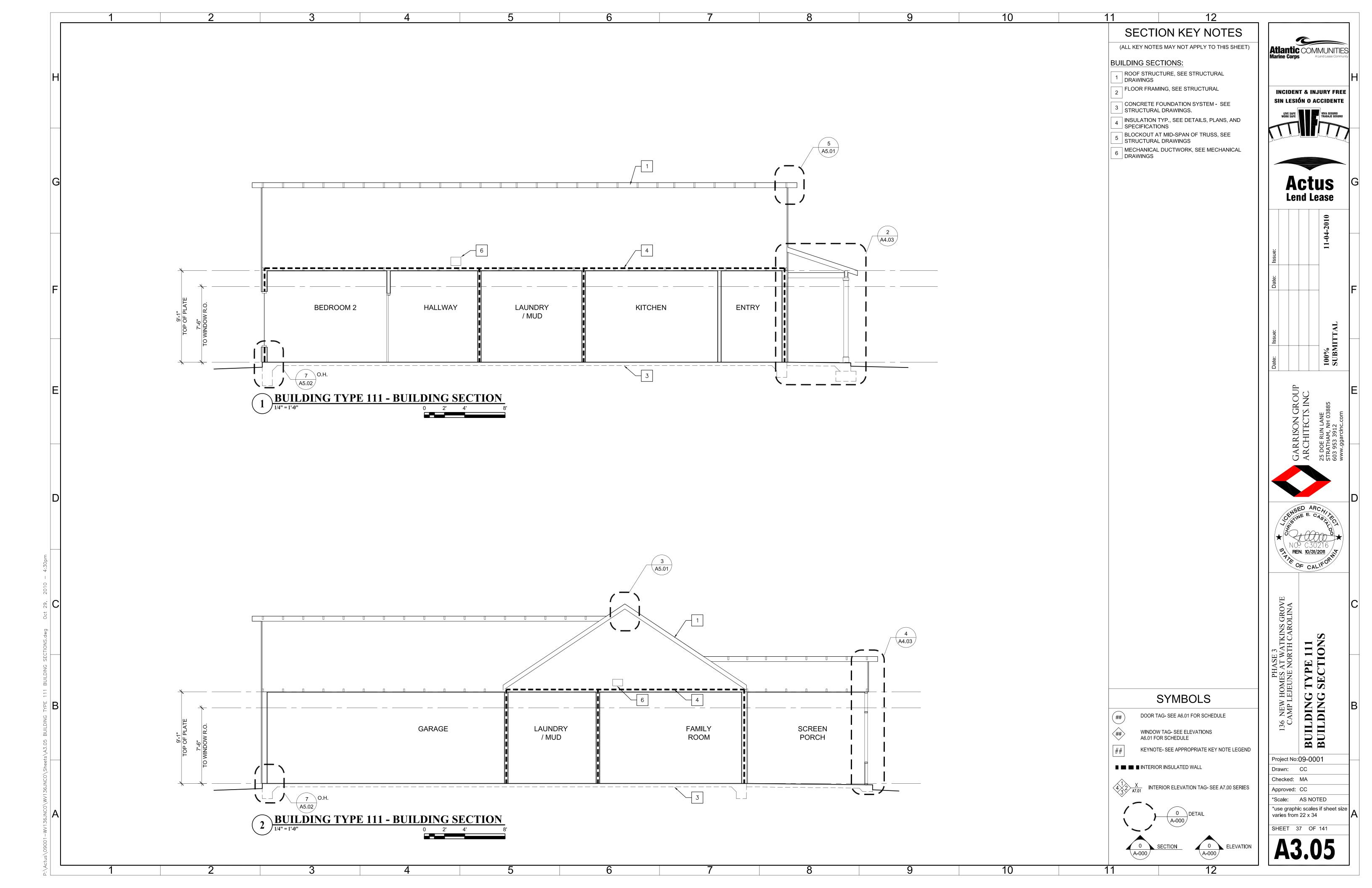


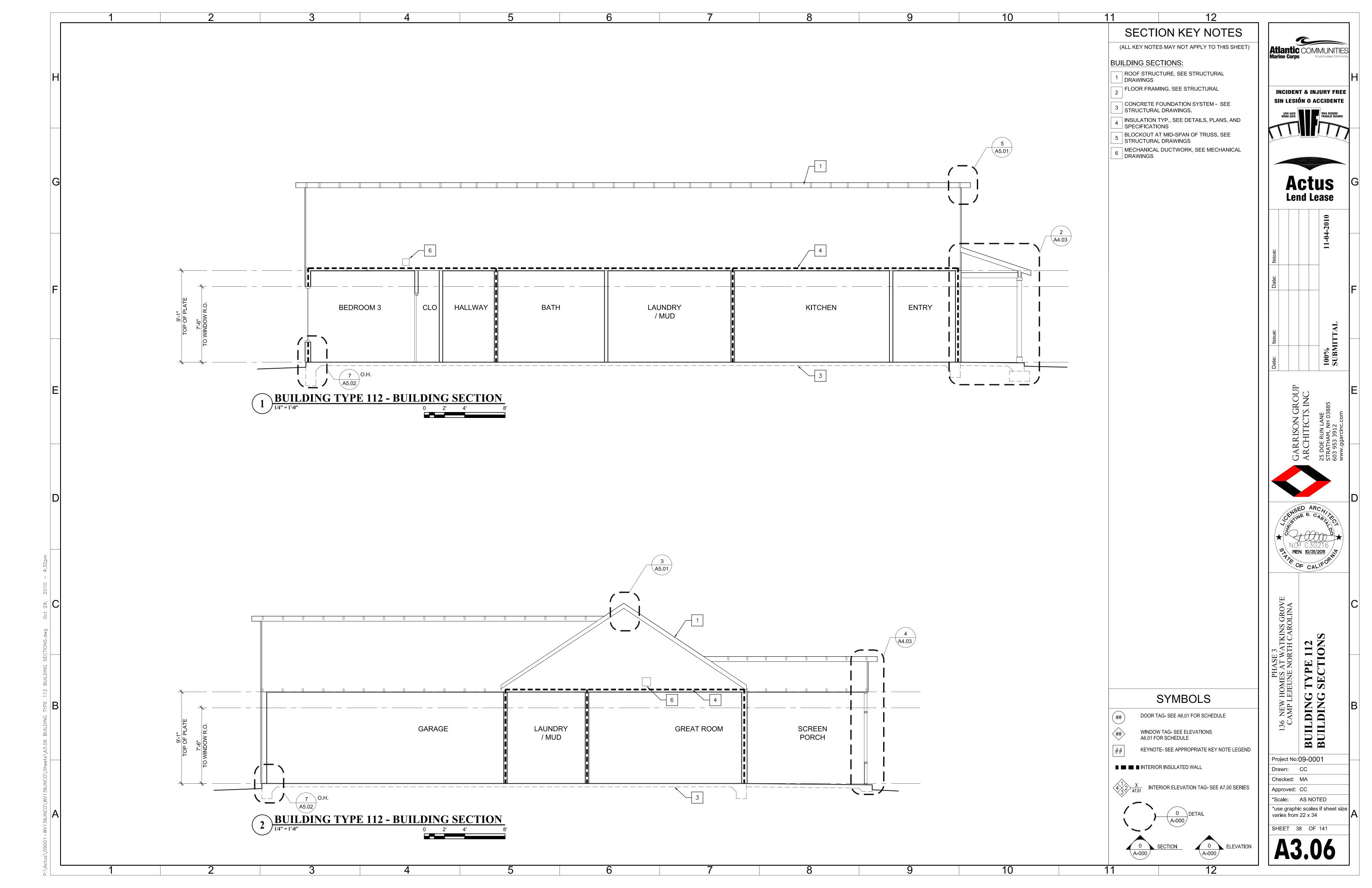


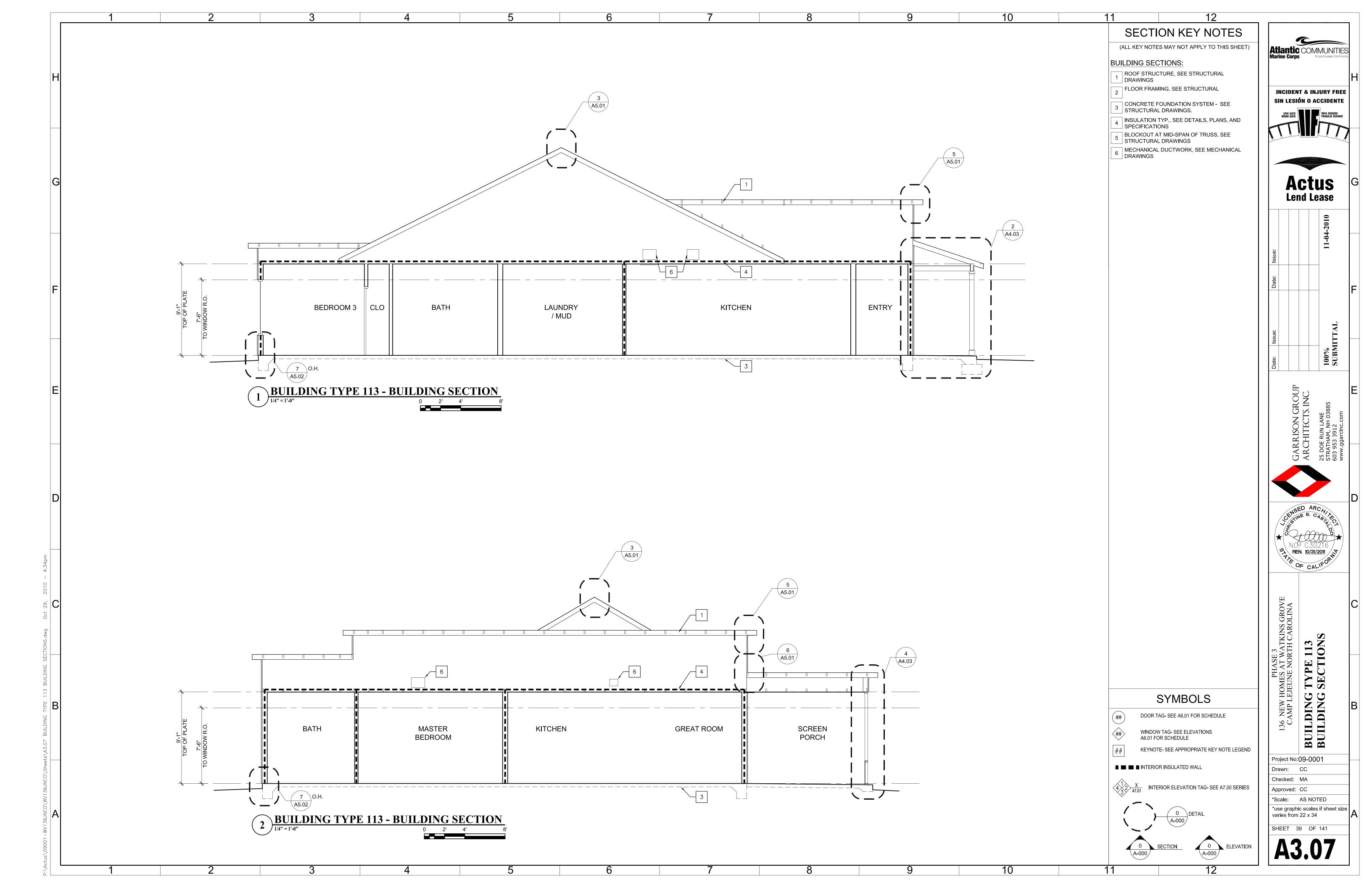


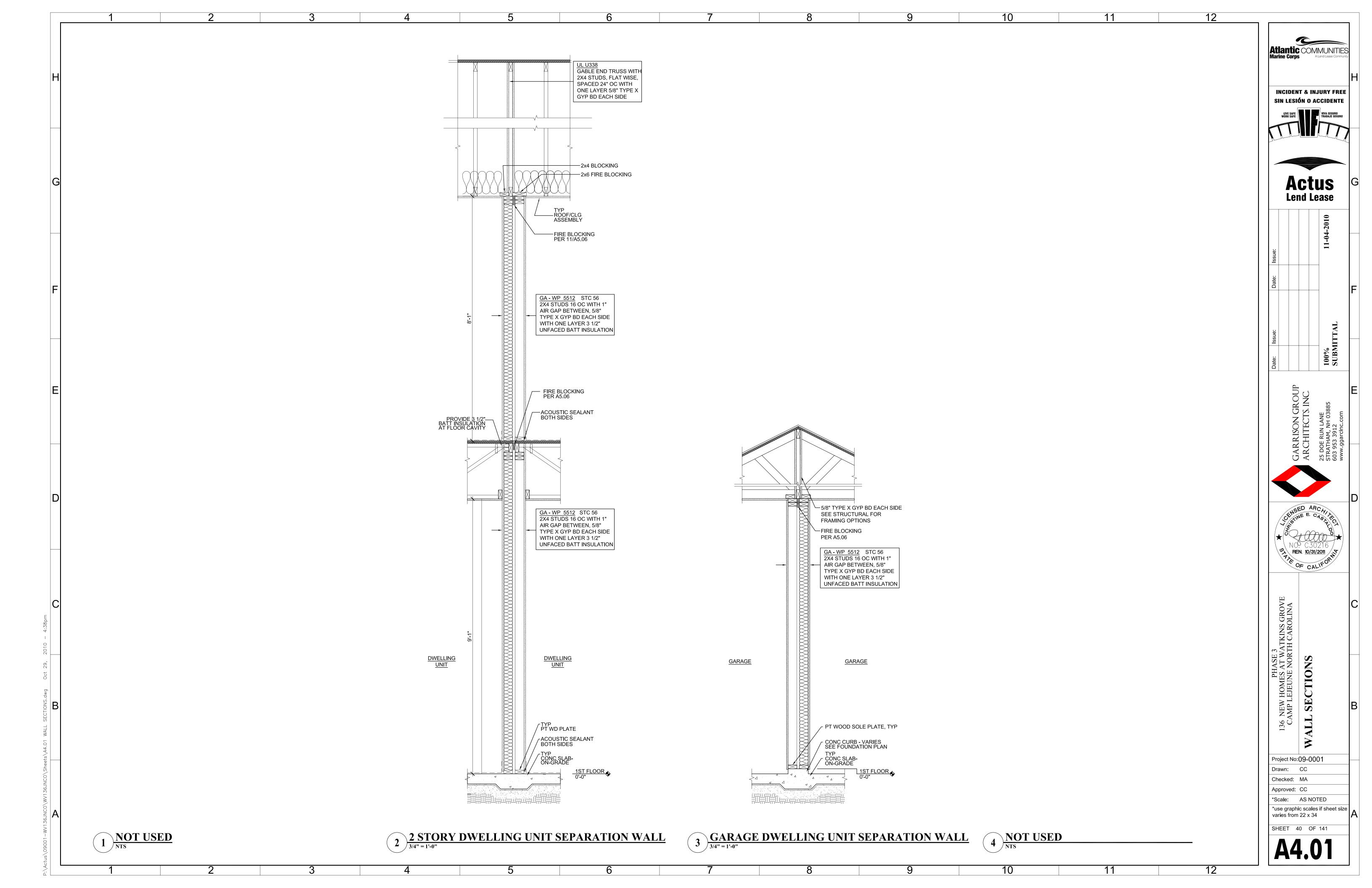


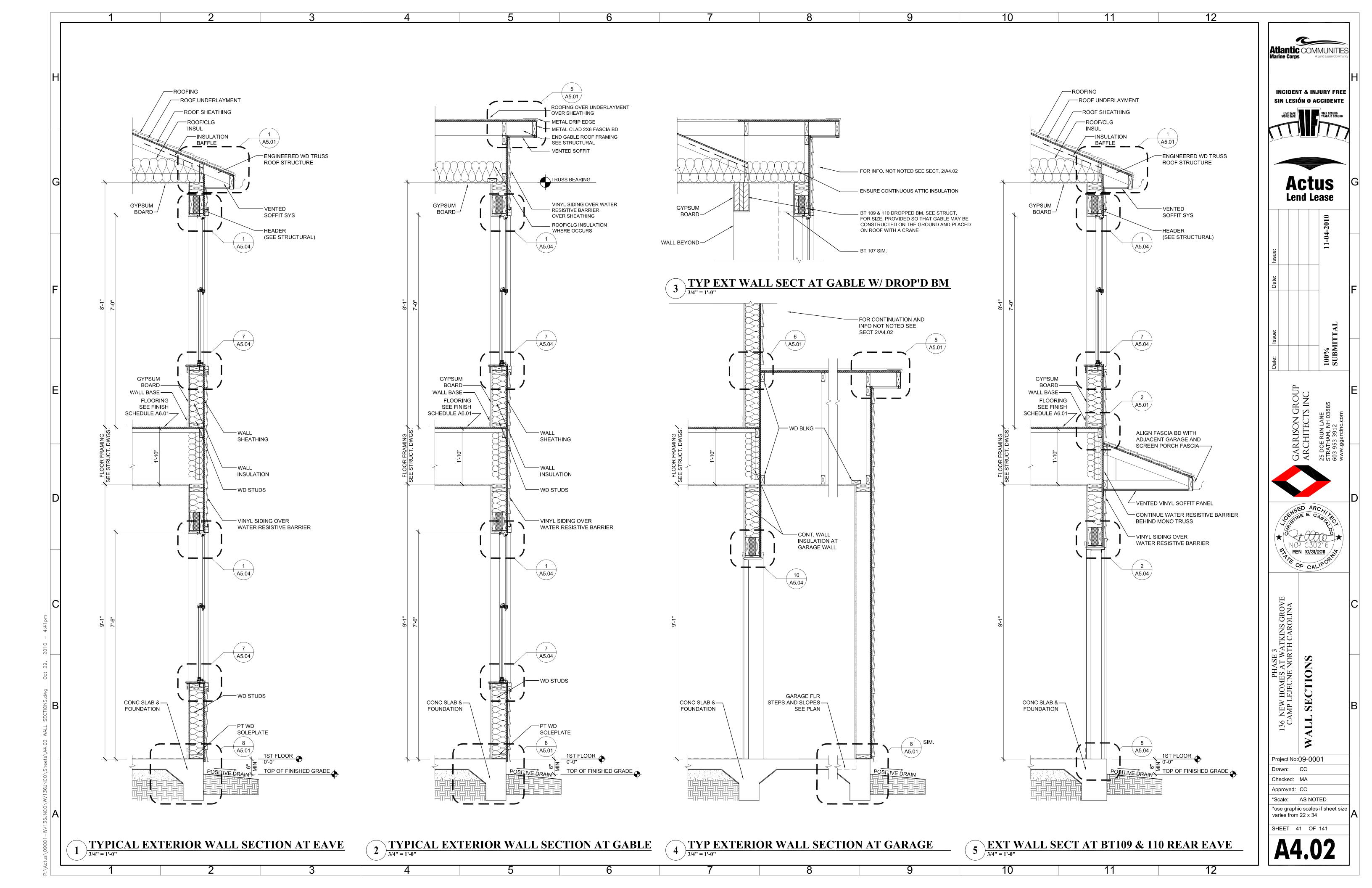


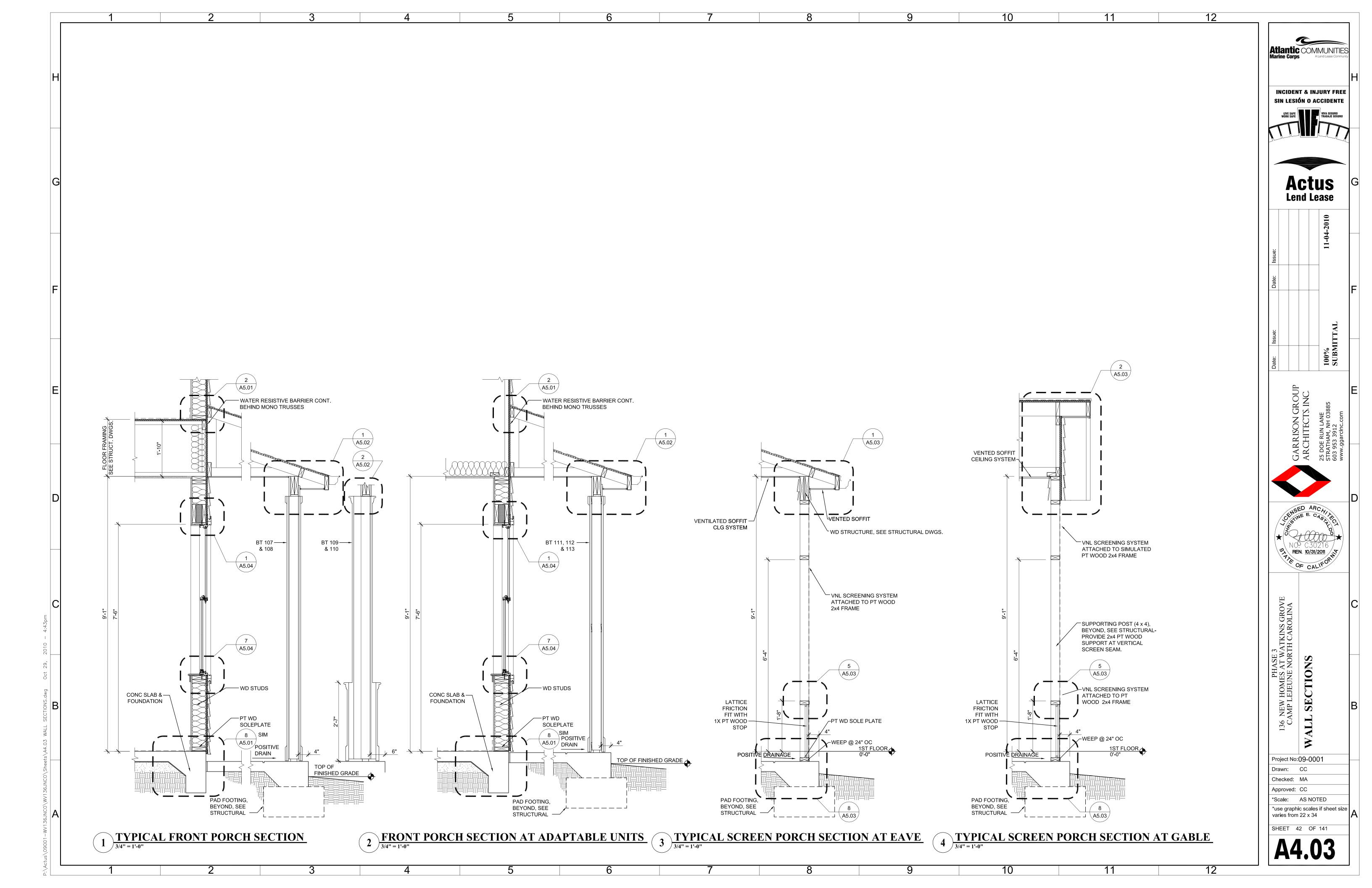


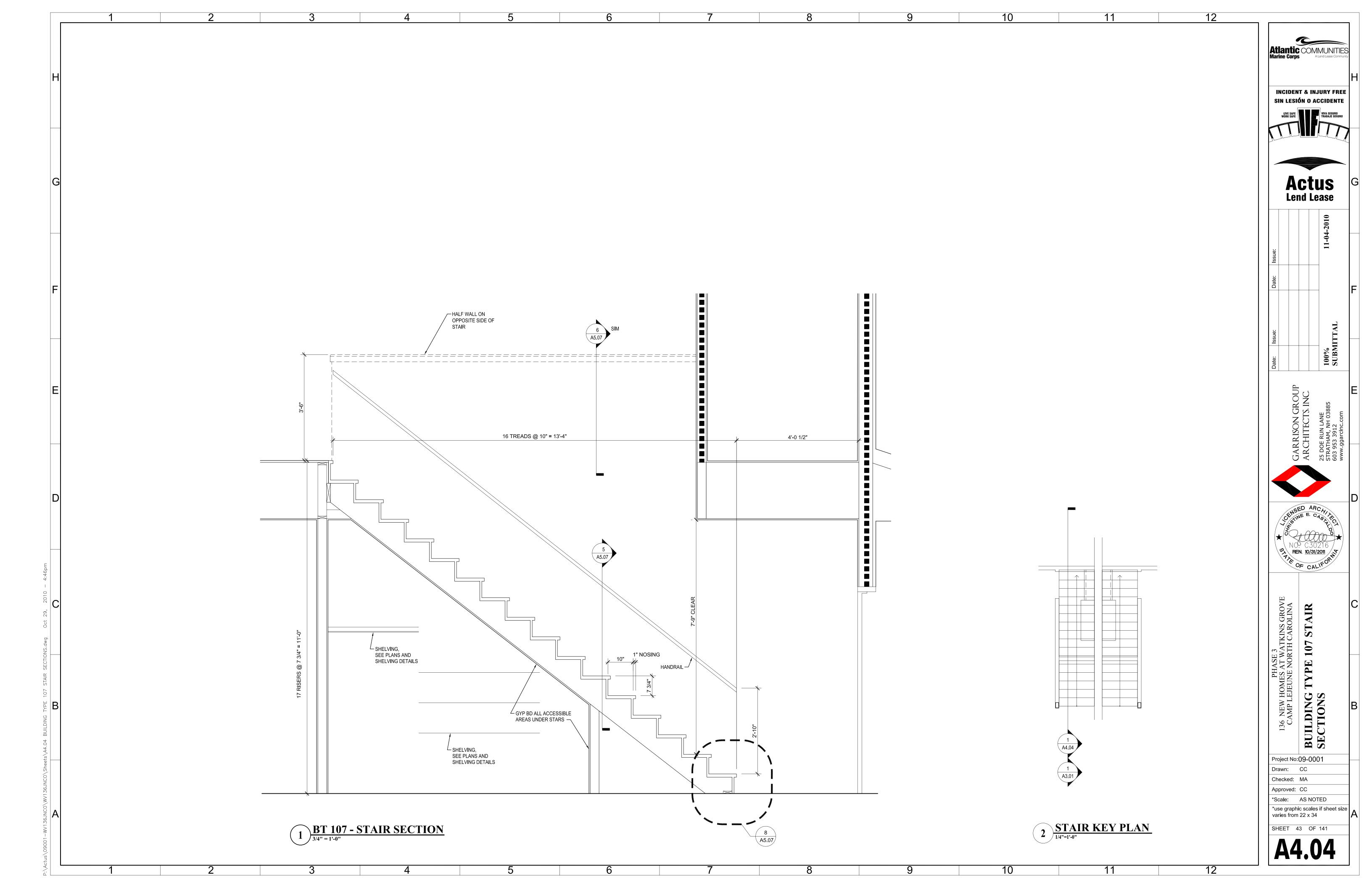


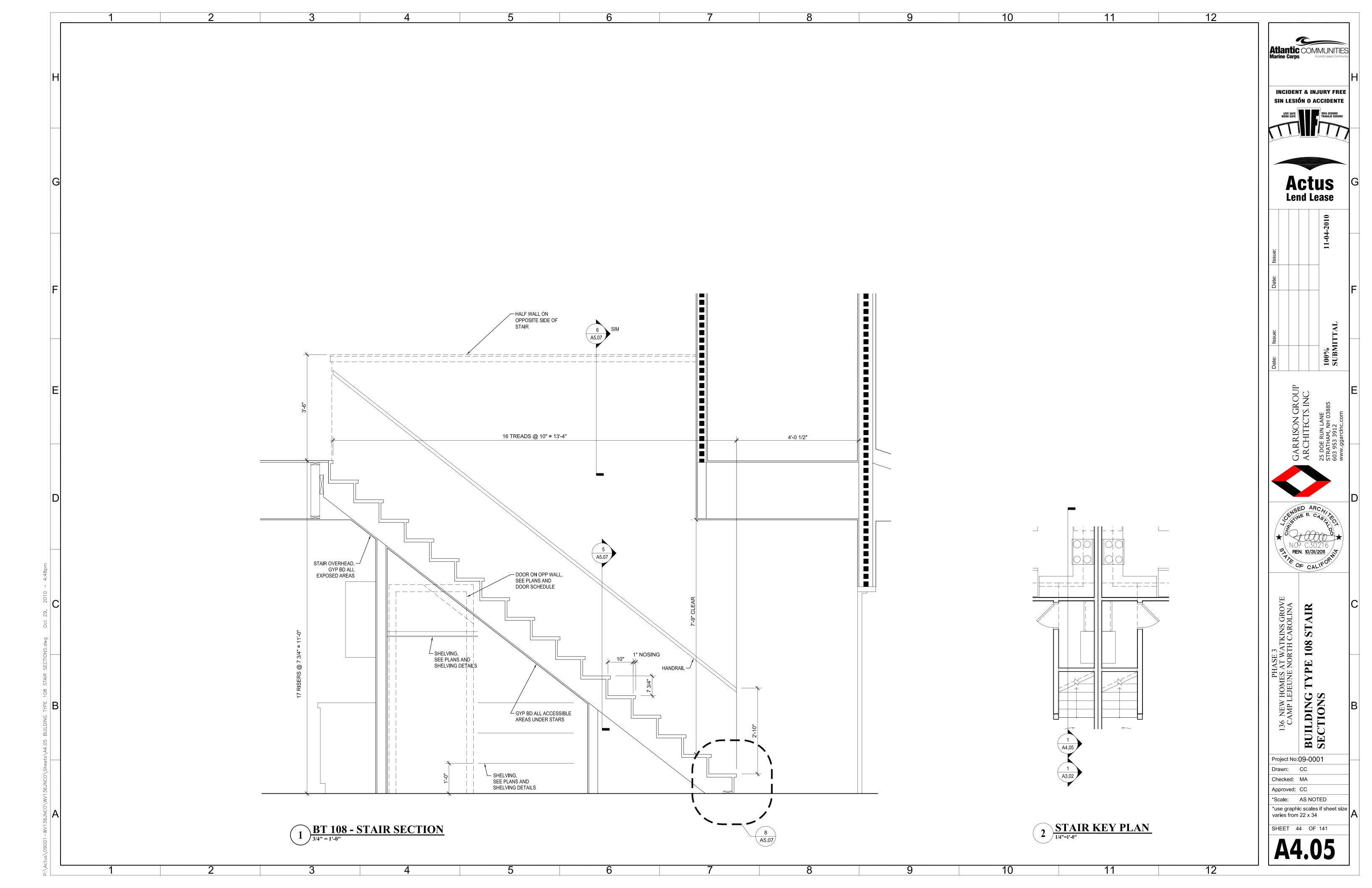


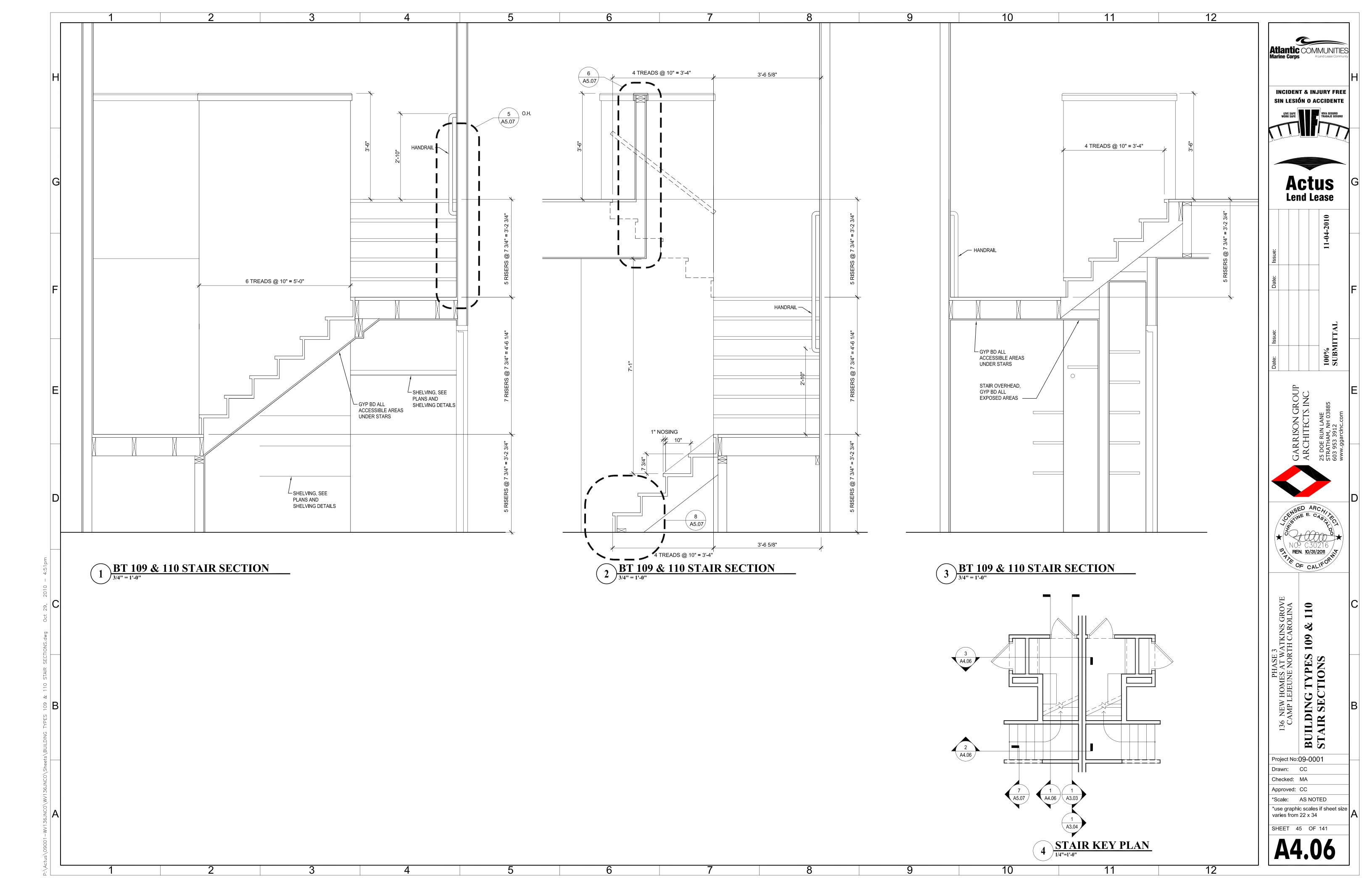


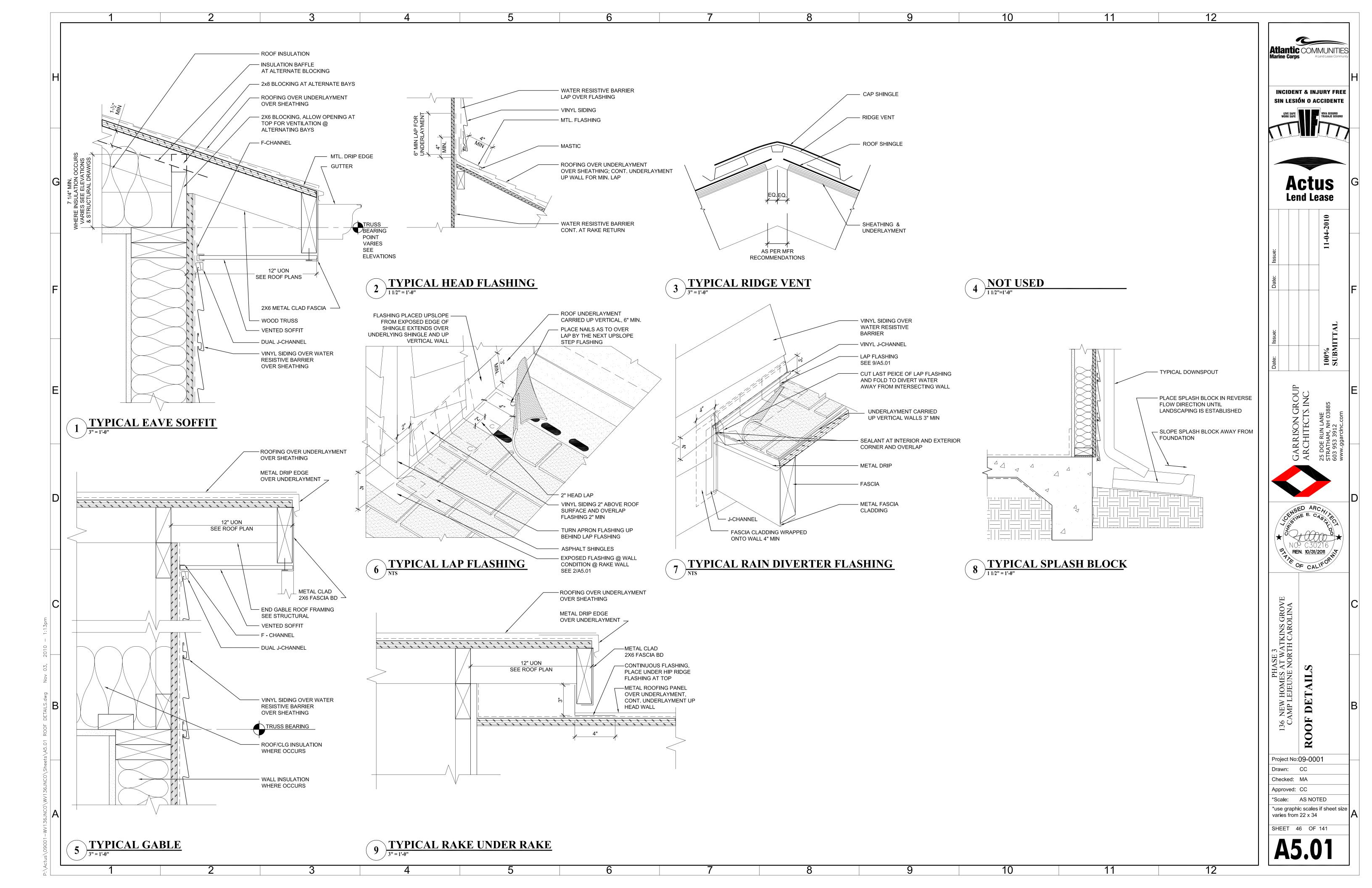


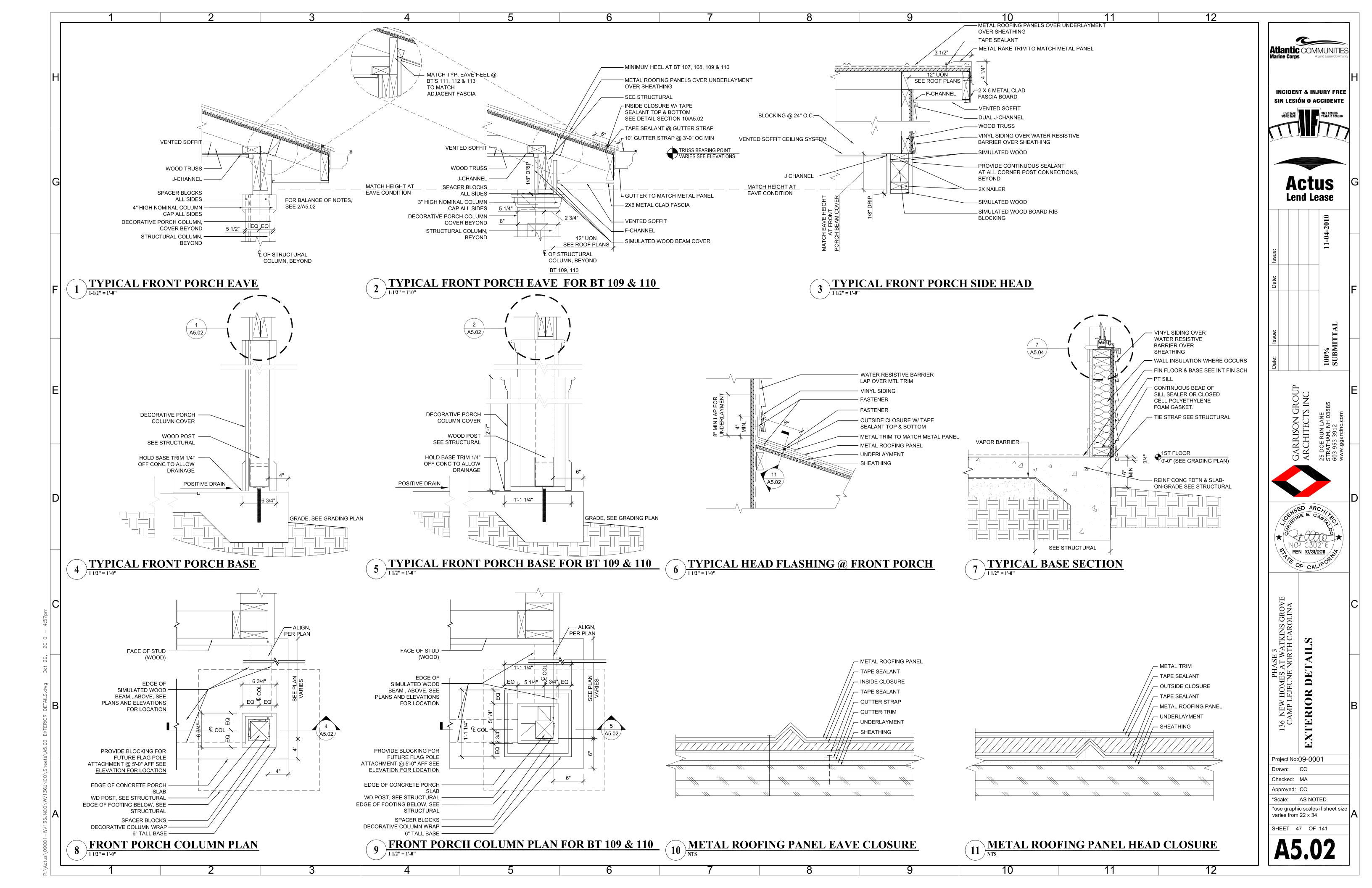


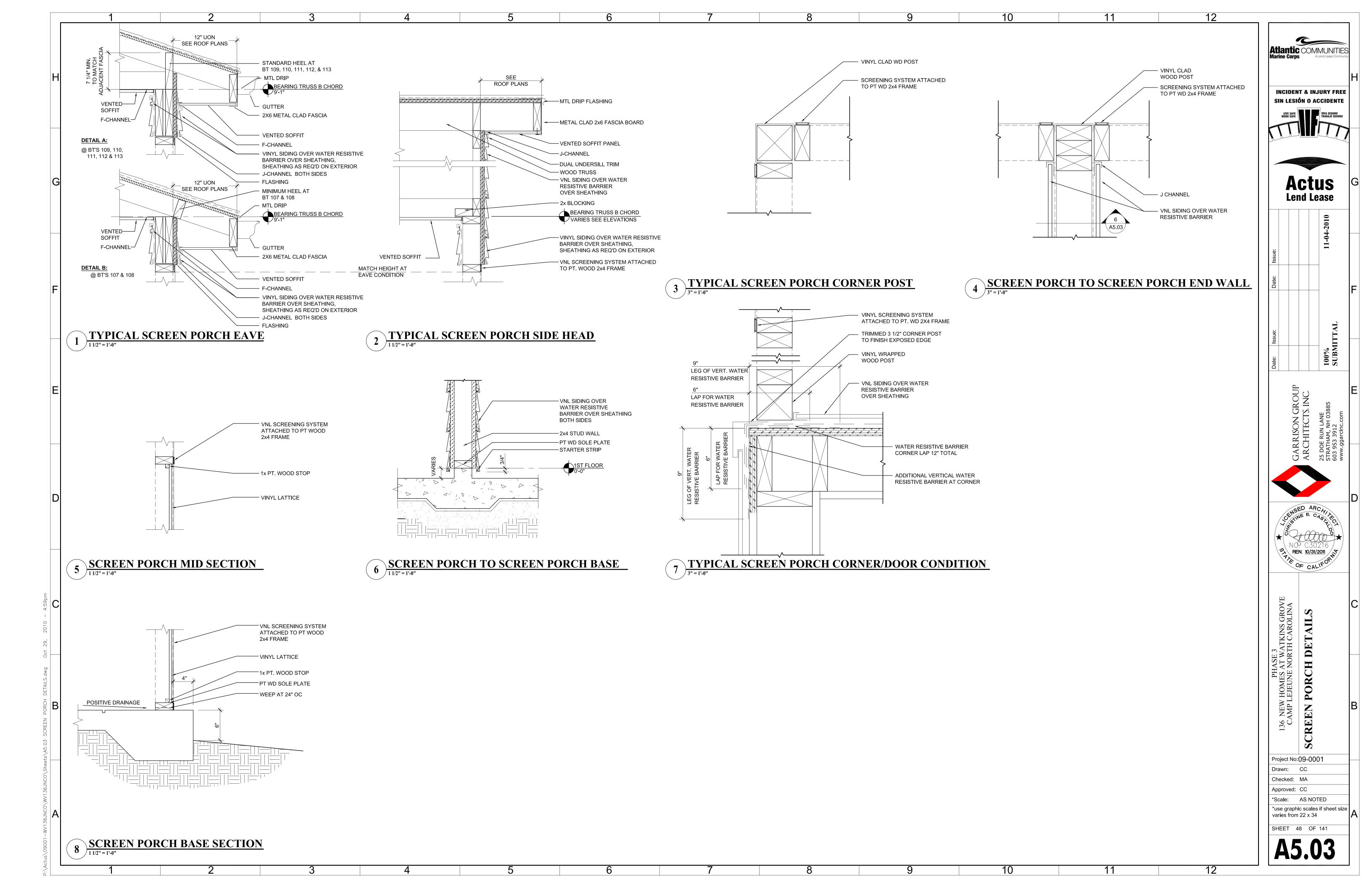


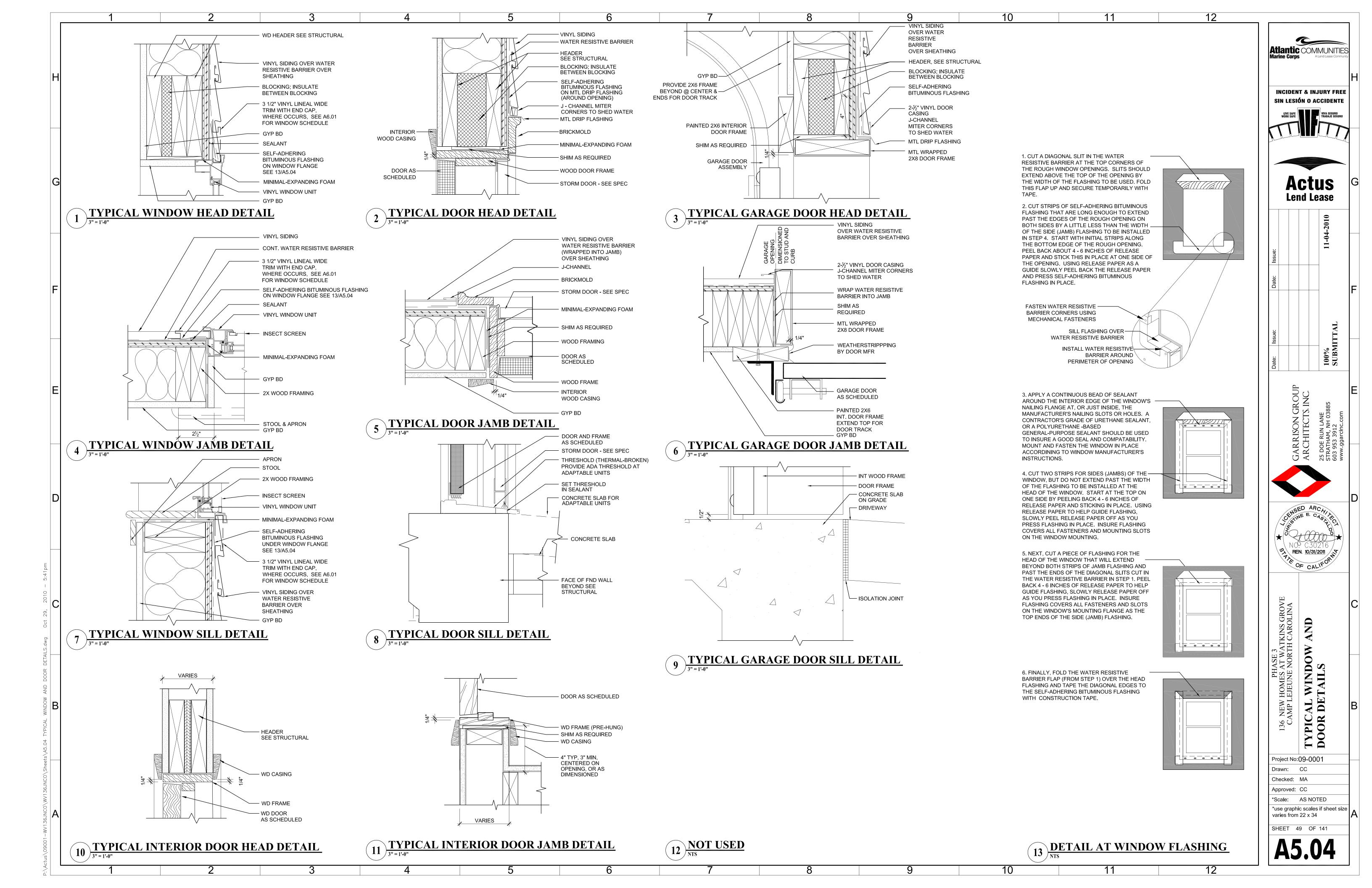


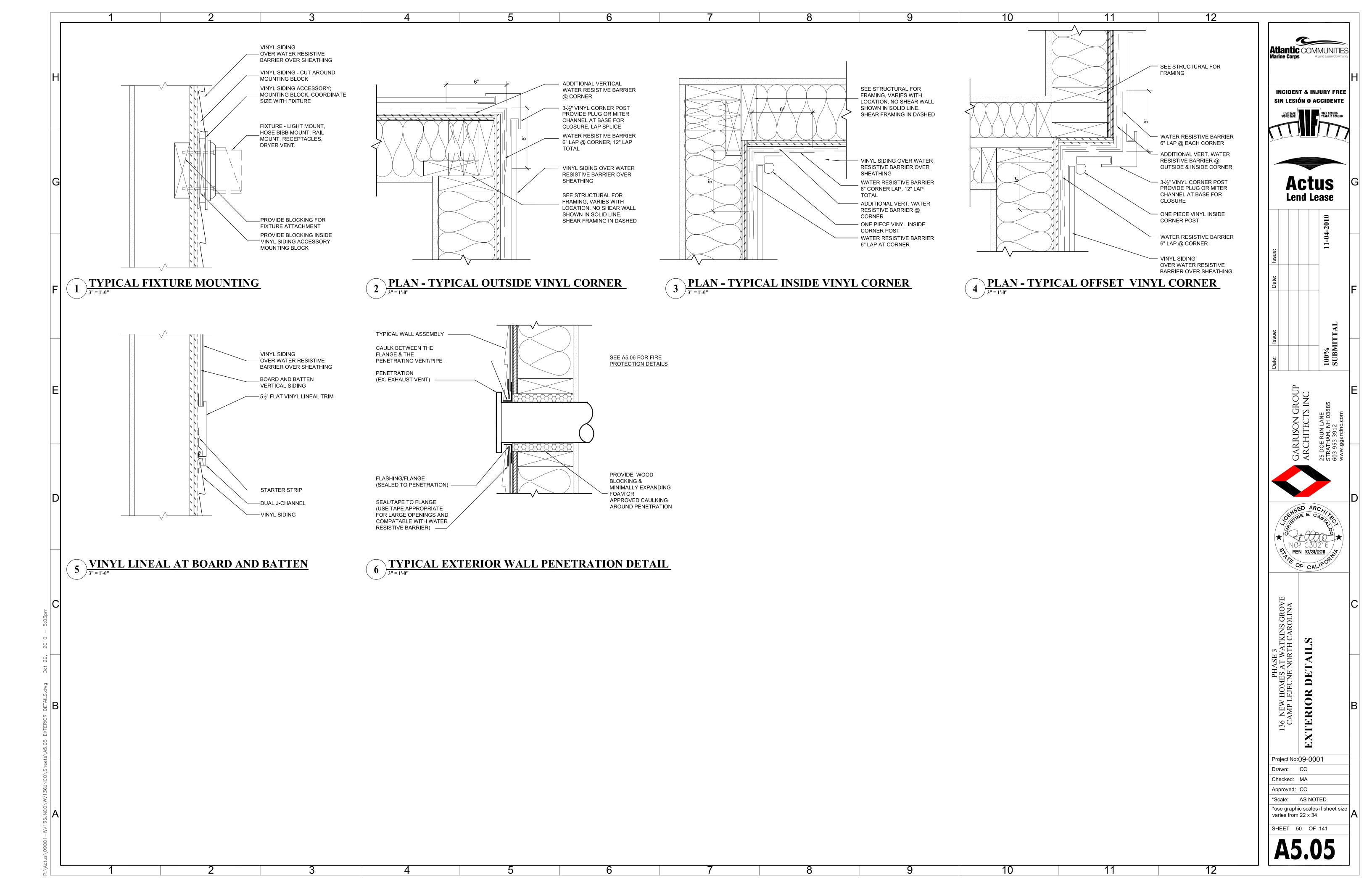


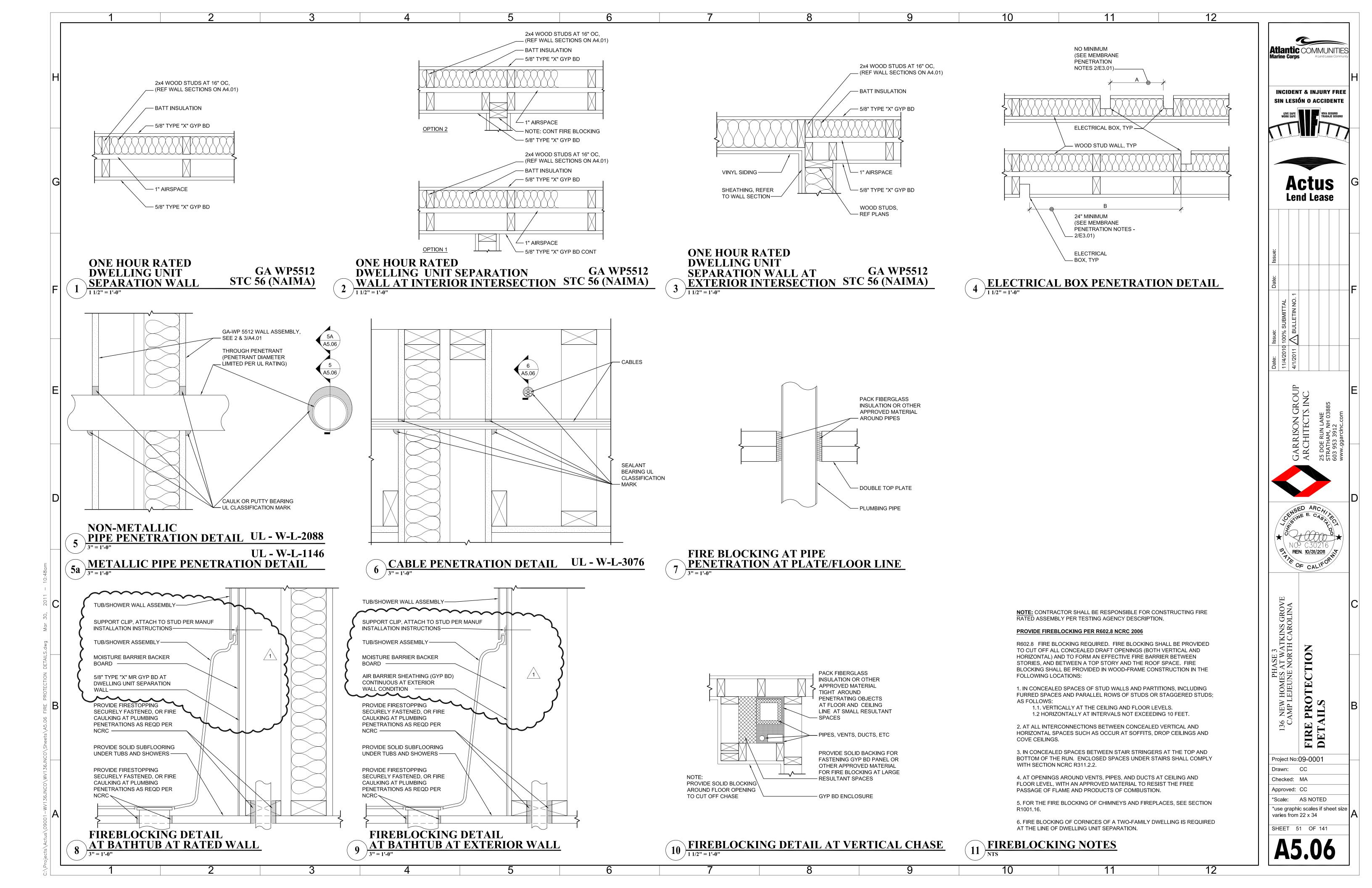


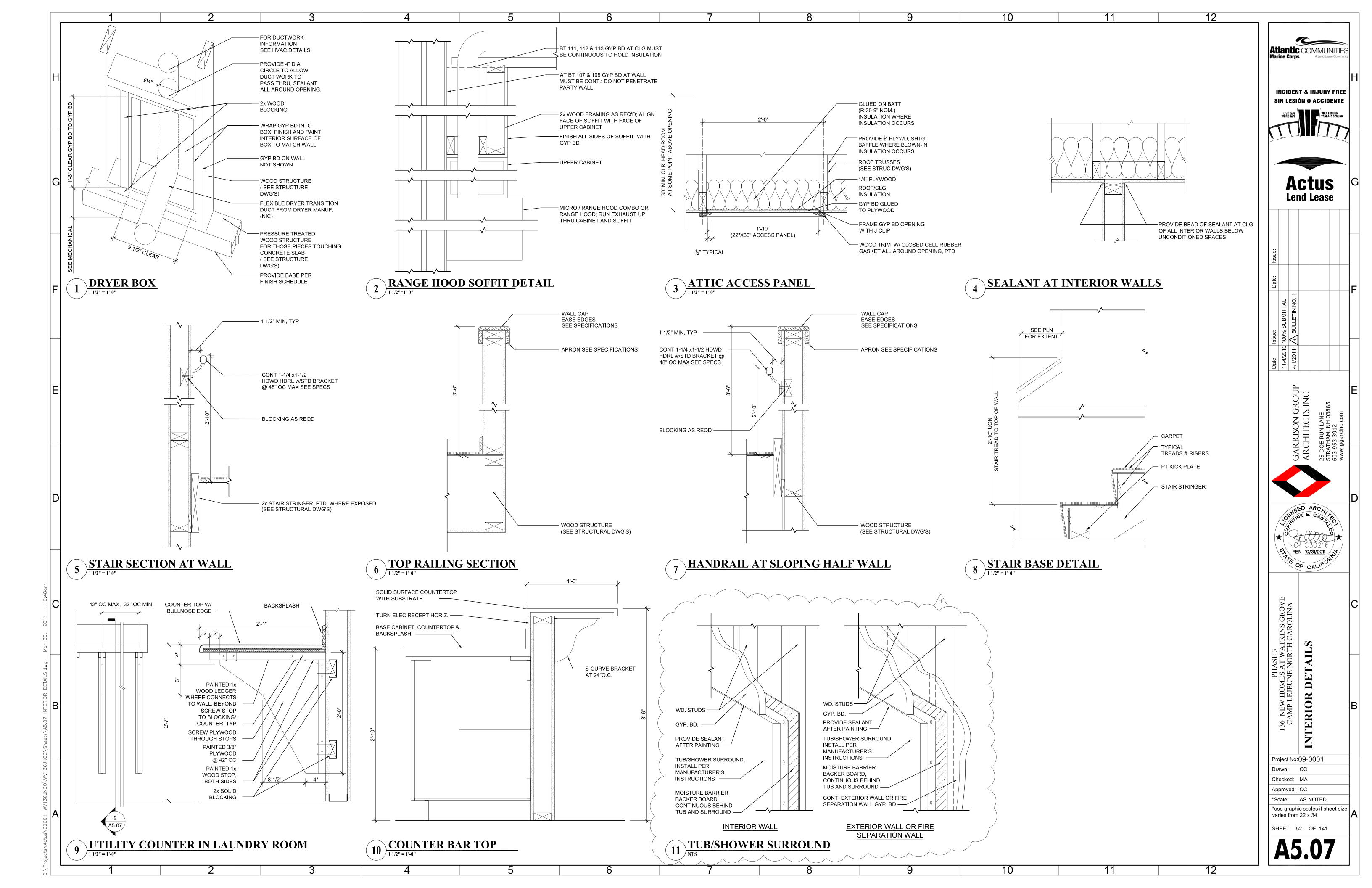


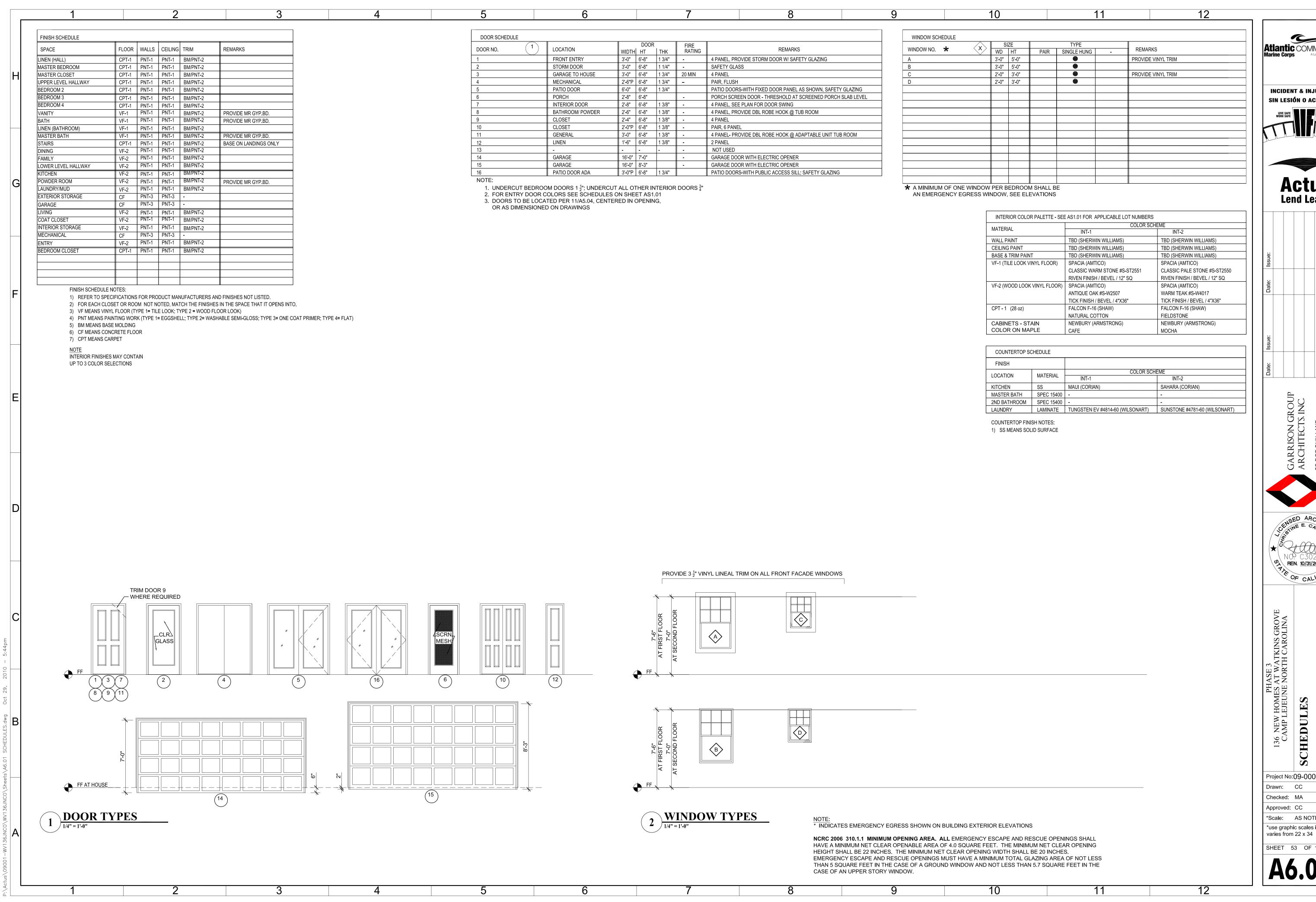












Atlantic COMMUNITIES **INCIDENT & INJURY FREE** SIN LESIÓN O ACCIDENTE **Lend Lease**

GARRISON GROUP ARCHITECTS, INC.

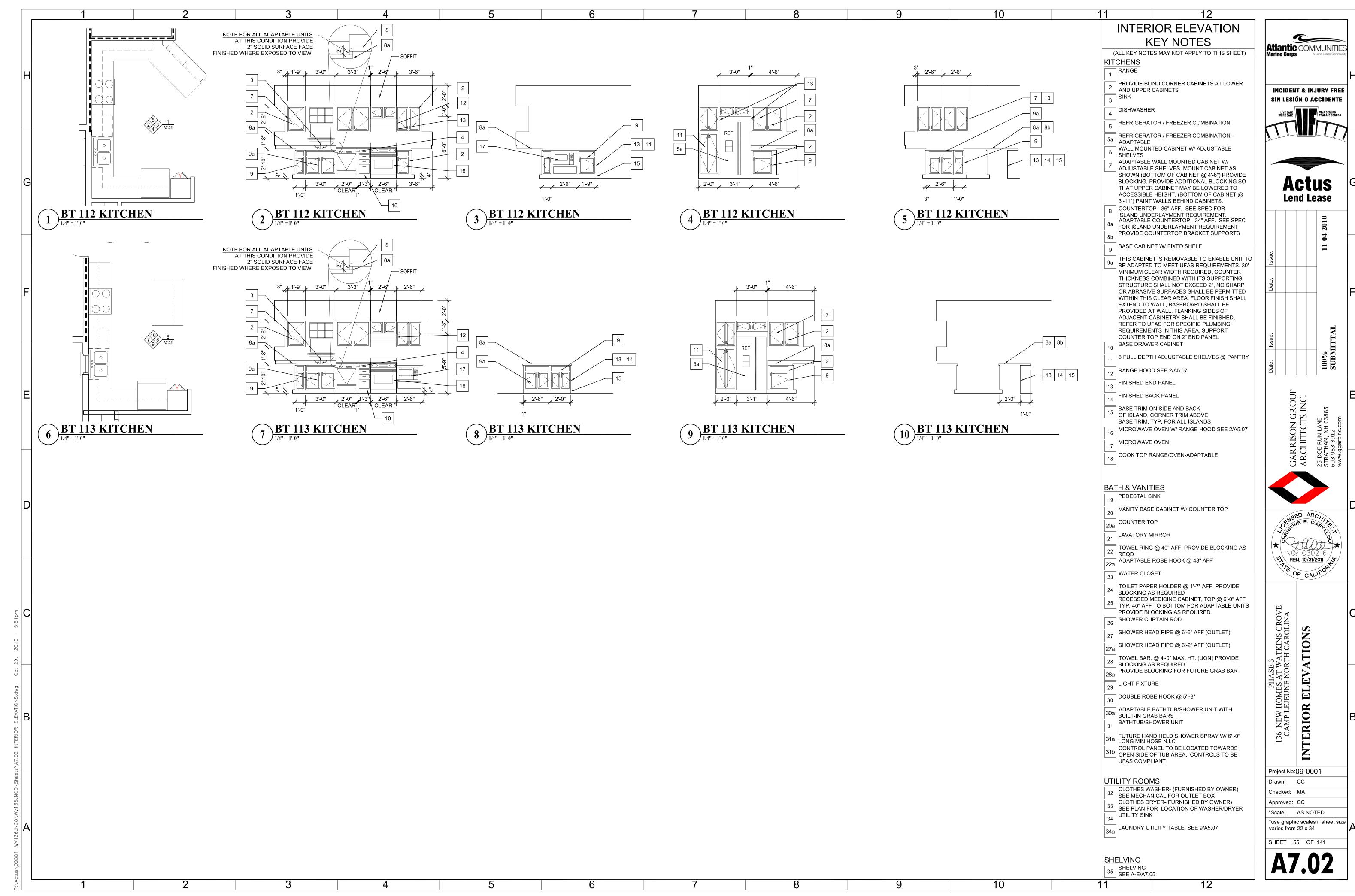
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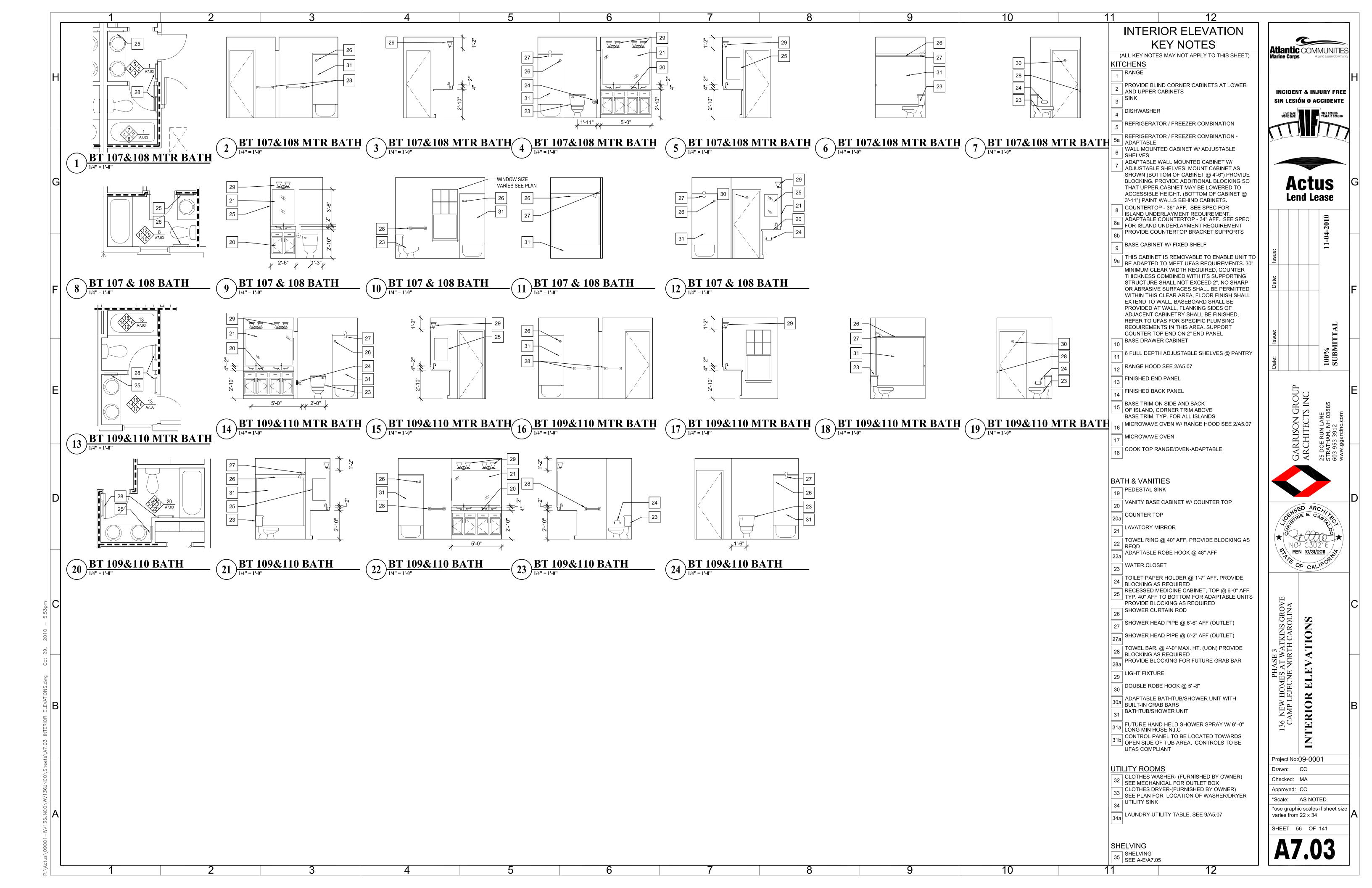
Project No: 09-0001 Drawn: CC

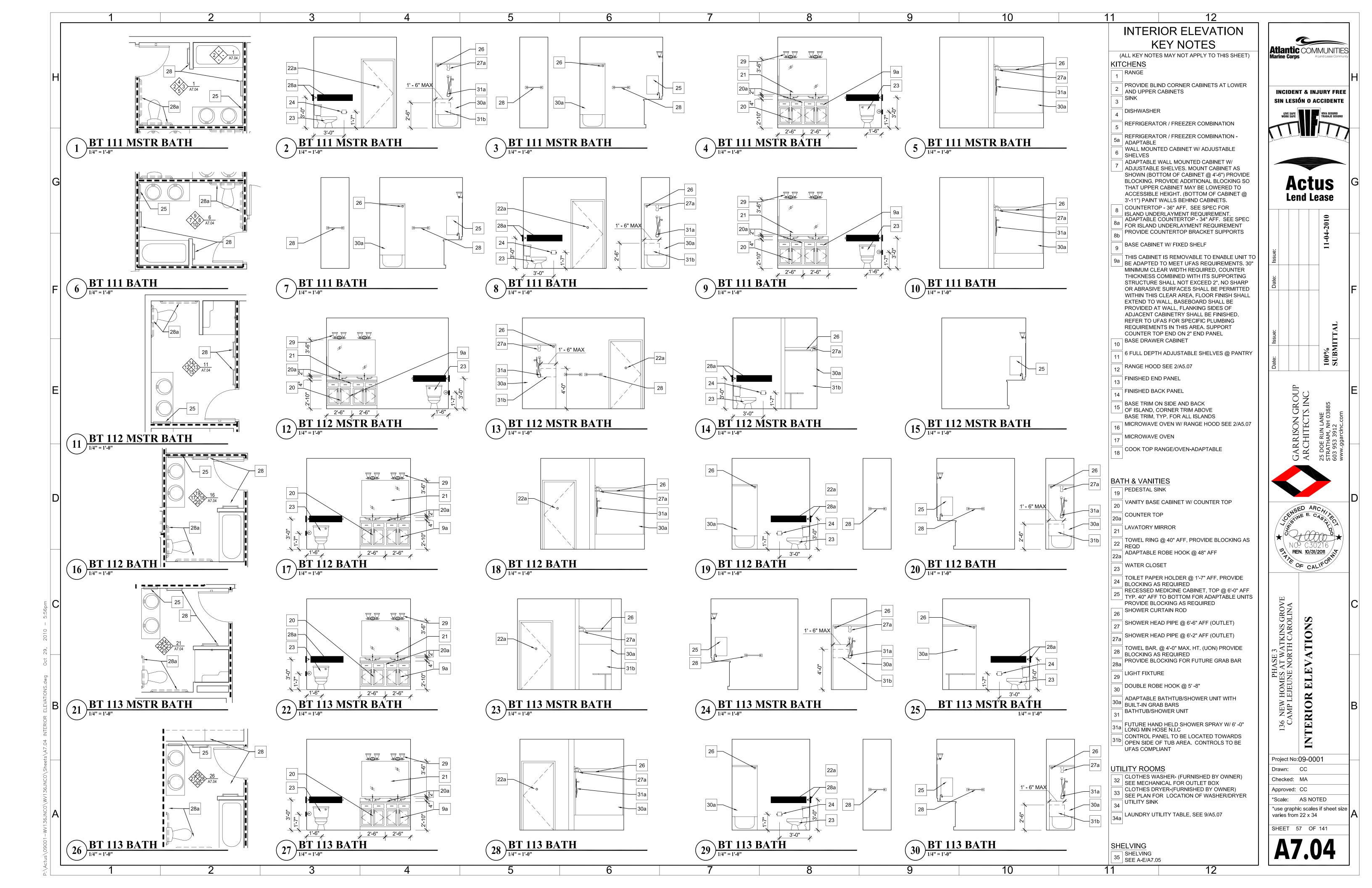
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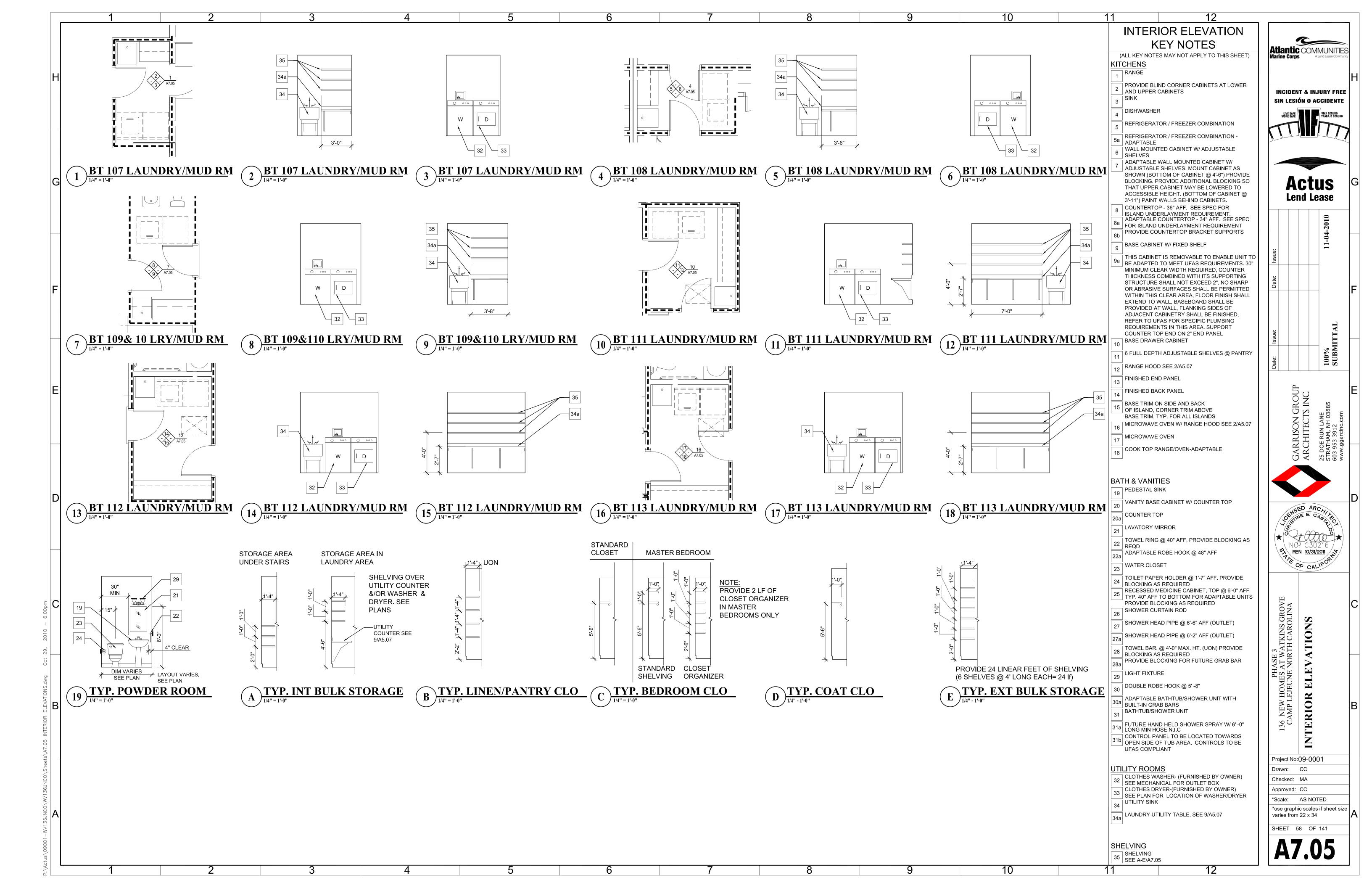
SHEET 53 OF 141



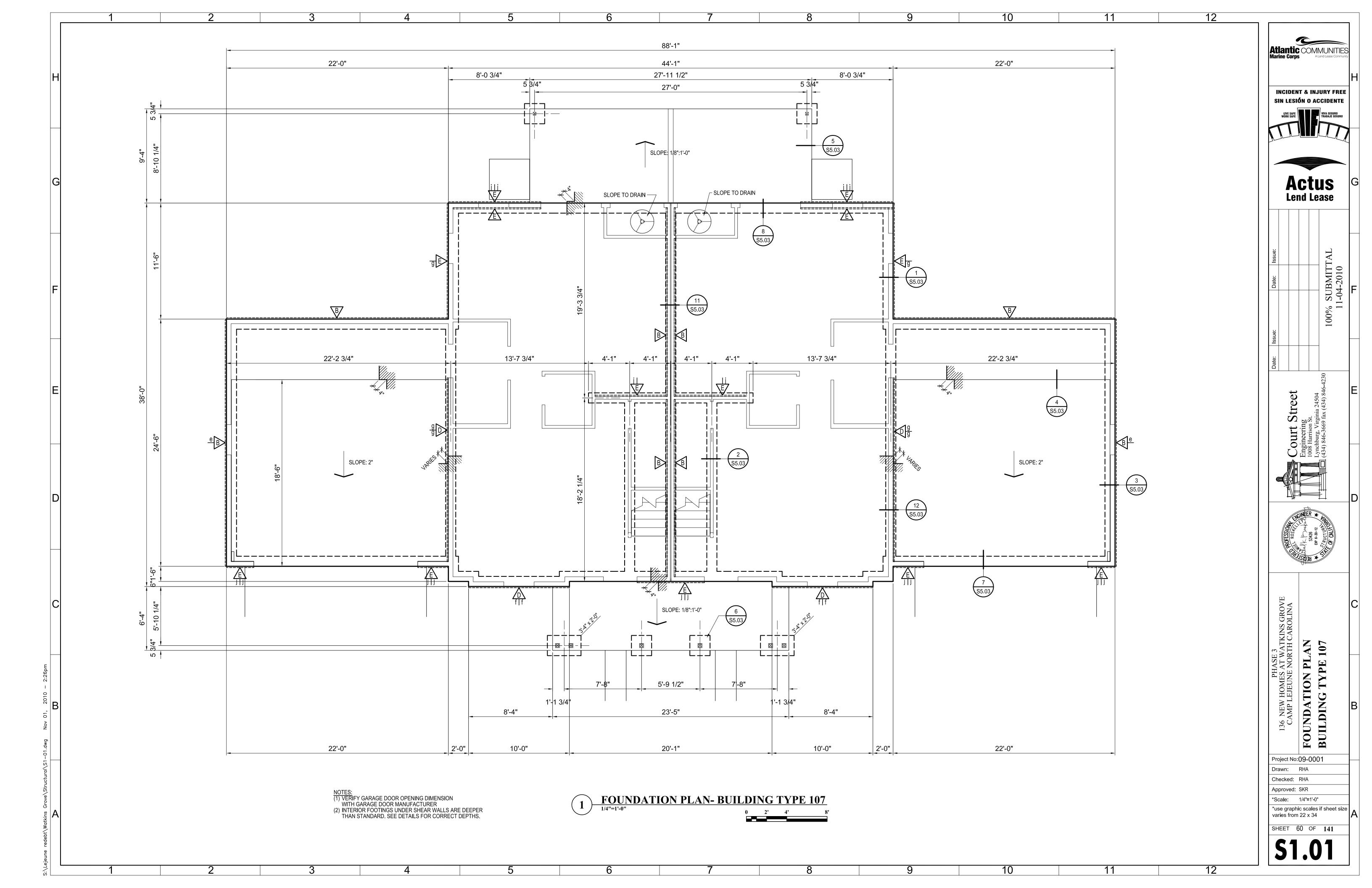


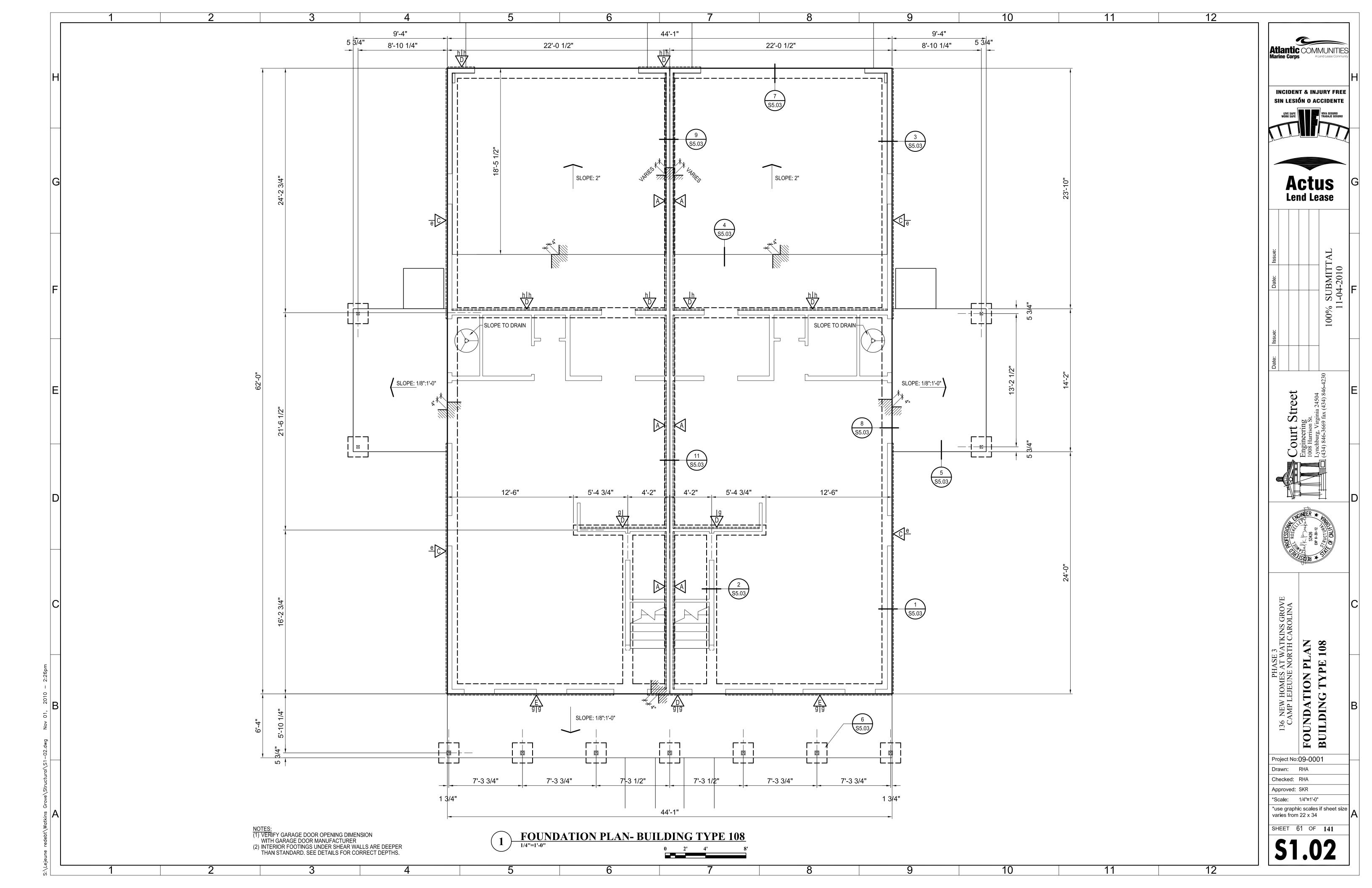


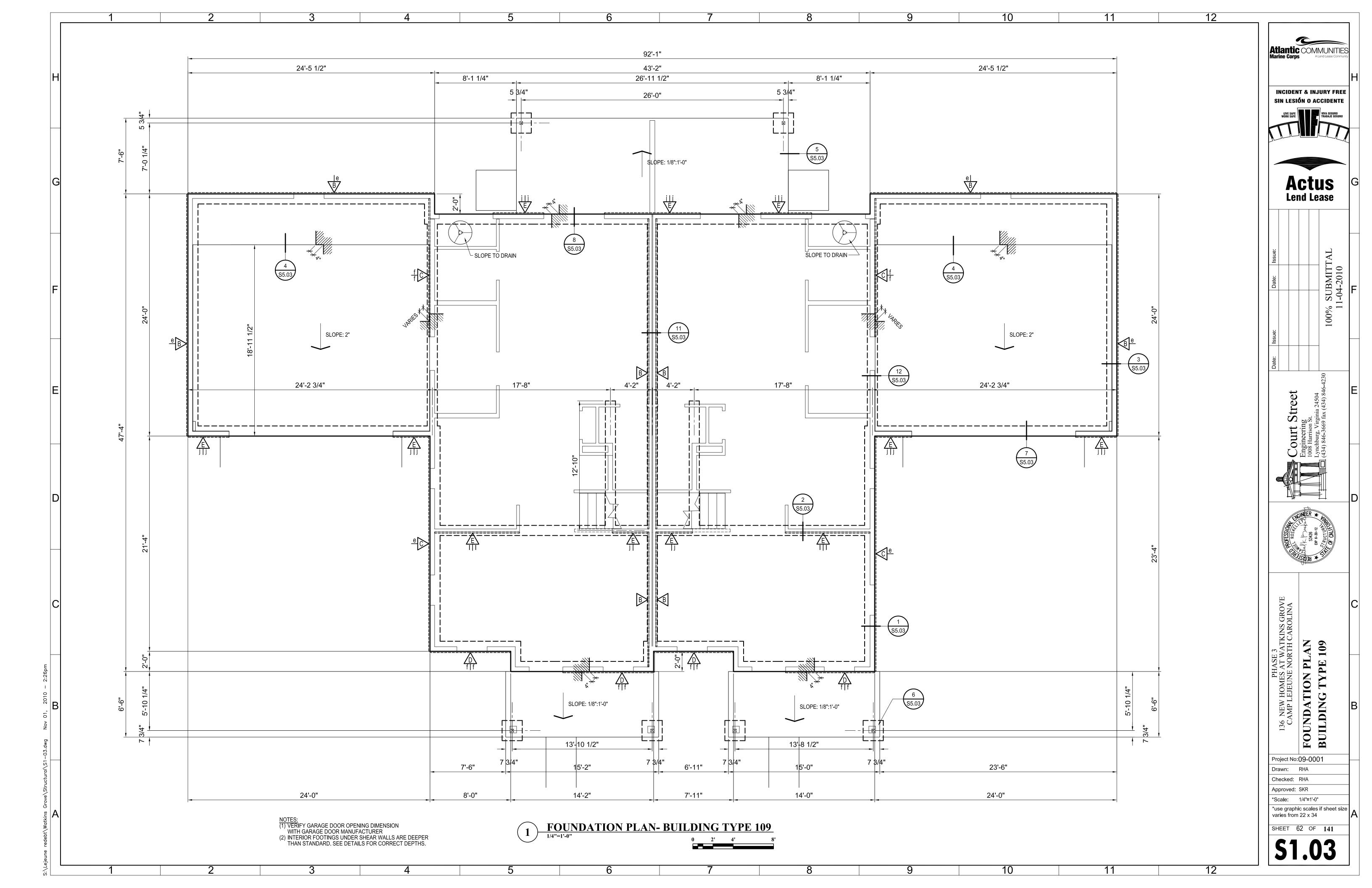


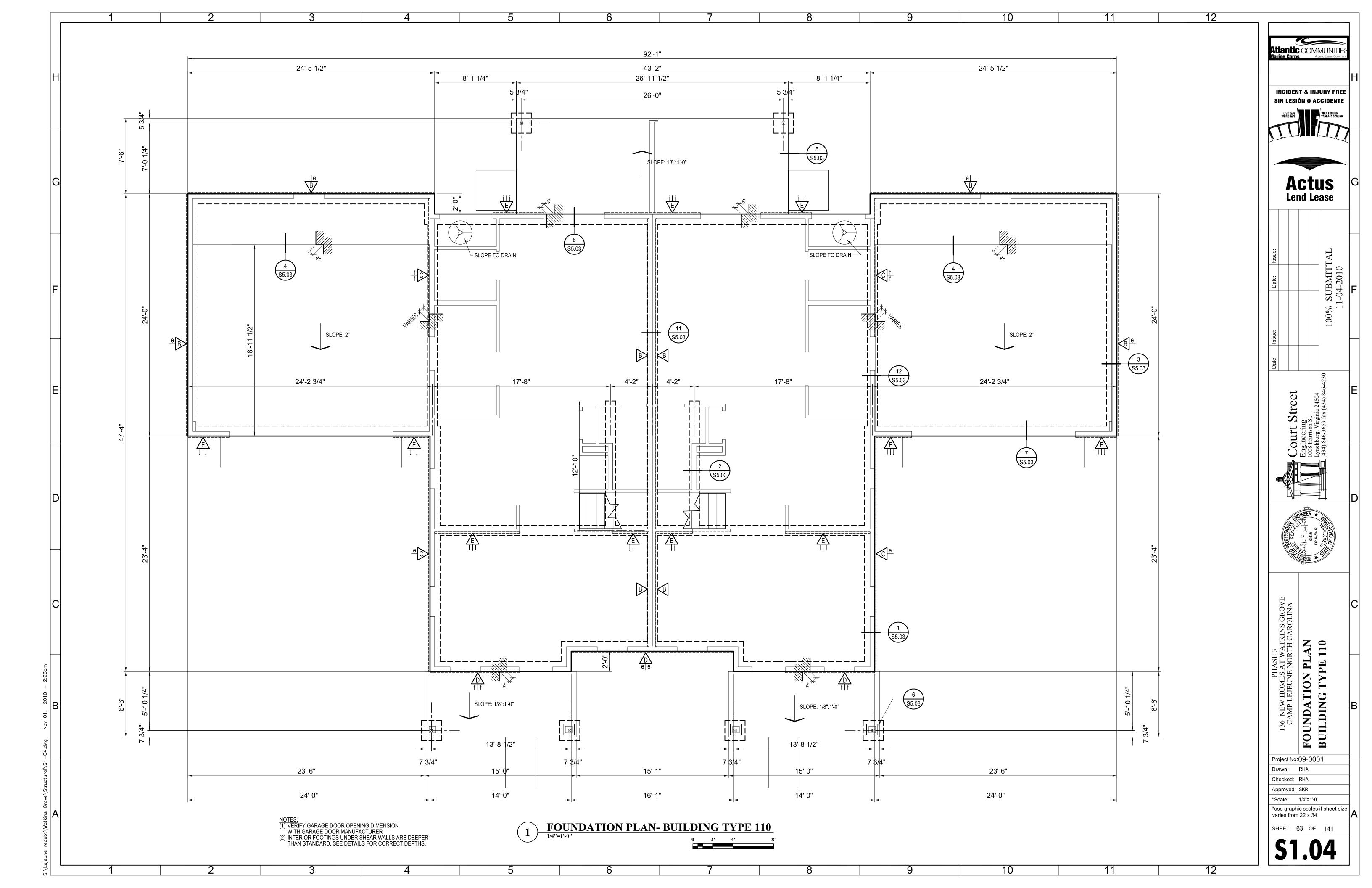


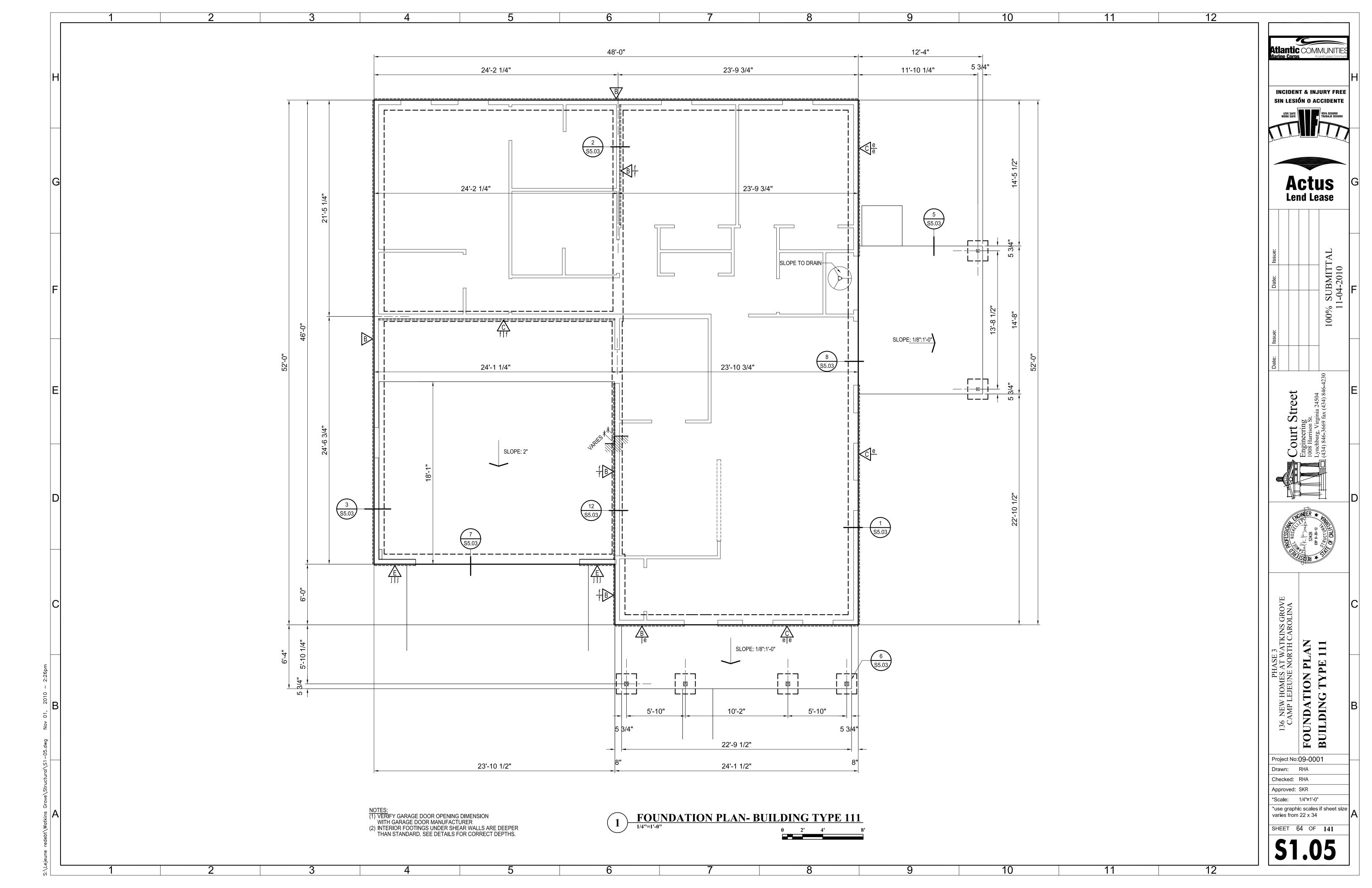
12 **GENERAL NOTES FOUNDATION NOTES Atlantic** COMMUNITIES WHERE POSTS OR DOUBLE STUDS OCCUR IN SECOND STORY WALLS, PROVIDE 1. ALL PHASES OF THE WORK SHALL CONFORM TO THE REQUIREMENTS FOUNDATIONS ARE DESIGNED TO CONFORM TO THE RECOMMENDATIONS OF LIKE MEMBERS IN FIRST STORY WALLS DIRECTLY BELOW AND SOLID BLOCKING OF THE NORTH CAROLINA RESIDENTIAL CODE, 2006 EDITION " GEOTECHNICAL ENGINEERING REPORT. PROPOSED FAMILY HOUSING-IN THE FLOOR SPACE. WATKINS VILLAGE AREA." PREPARED BY TERRACON, RALEIGH, NORTH CAROLINA 2. DETAILS TAKE PRECEDENCE OVER GENERAL NOTES, DIMENSIONS TERRACON JOB NO. 70055012 DATED JULY 12. 2005 11. ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 15/32" APA **INCIDENT & INJURY FREE** TAKE PRECEDENCE OVER SCALE SHOWN ON DRAWINGS. RATED SHEATHING WITH 8d @ 6" O.C. EDGE NAILING AND SIN LESIÓN O ACCIDENTE CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI 8d @ 12" O.C. FIELD NAILING U.N.O. 3. ALL DETAILS ARE TYPICAL, AND APPLY WHEREVER SIMILAR AT 28 DAYS UNLESS OTHERWISE NOTED **FLOOR FRAMING NOTES** CONDITIONS EXIST UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE 3" FOR CONCRETE 1. LUMBER FOR FLOOR BEAMS SHALL BE SOUTHERN PINE OR DOUGLAS FIR. PLACED AGAINST EARTH AND 2" FOR ALL OTHER CONCRETE UNLESS #2 AND BETTER UNLESS OTHERWISE NOTED. 4. CONNECTIONS SHALL CONFORM TO TABLE R602.3(1) OF THE OTHERWISE NOTED. INTERNATIONAL RESIDENTIAL CODE, UNLESS OTHERWISE NOTED. 2. ENGINEERED WOOD BEAMS SHALL BE "PARALAM" (PSL), "TIMBERSTRAND" (LSL) REINFORCING SHALL CONFORM TO ASTM A615, GRADE 40 FOR #3 BARS, OR "MICROLLAM" (LVL) AS NOTED ON THE PLANS AND AS MANUFACTURED 5. ALL NAILS SHALL BE SMOOTH COMMON, BOX OR DEFORMED SHANK U.N.O. GRADE 60 FOR #4 BARS AND LARGER BY TRUS JOIST/MacMILLAN, OR EQUAL OTHER NAILS MAY BE USED PROVIDED THEY CONFORM TO NER-272 Actus 3. MULTIPLE MEMBER CONNECTIONS FOR ENGINEERED WOOD BEAMS SHALL AND HAVE EQUAL OR GREATER CAPACITY THAN THE NAILS INDICATED. EXPANSION ANCHORS SHALL BE REDHEAD WEDGE ANCHORS OR EQUAL. BE PER THE REQUIREMENTS OF THE MANUFACTURER. ALL NAILS USED IN PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL **Lend Lease** OR DOUBLE HOT-DIP GALVANIZED. 4. AS AN OPTION, GIRDER FLOOR TRUSSES DESIGNED BY TRUSS FABRICATOR MAY BE BUILDING SLABS SHALL BE 4" CONCRETE WITH 6X6-W1.4xW1.4 WWF AT MID DEPTH USED IN LIEU OF FLUSH FLOOR BEAMS OF SLAB. BELOW ALL BUILDING SLABS PROVIDE 10 MIL VAPOR BARRIER OVER 6. METAL CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON 4" CAPILLARY BARRIER OVER PREPARED SUBGRADE 5. FLOOR TRUSSES SHOWN ARE FOR ILLUSTRATION ONLY. THE FINAL STRONG-TIE COMPANY, INC., PLEASANTON, CA., OR EQUAL. PROVIDE DESIGN, LAYOUT, AND CONFIGURATION SHALL BE BY THE TRUSS REQUIRED BOLTS OR NAILS TO INSTALL CONNECTORS AS GARAGE SLABS SHALL BE 4" CONCRETE WITH 6X6-W1.4XW1.4 WWF AT MID DEPTH FABRICATOR, COORDINATE LAYOUT TO ACCOMODATE DUCT CHASES RECOMMENDED BY THE MANUFACTURER. OF SLAB. BELOW GARAGE SLABS, PROVIDE 10 MIL VAPOR BARRIER OVER 6. COORDINATE TRUSS DESIGN AND LAYOUT WITH THE MECHANICAL 4" CAPILLARY BARRIER OVER PREPARED SUBGRADE. SYSTEM REQUIREMENTS. SEE MECHANICAL DRAWINGS. 100% SUBMITT/ 11-04-2010 PROVIDE FRAMING, CONNECTIONS, BLOCKING, BACKING, ETC. NOT OTHERWISE SHOWN, AS REQUIRED TO COMPLETE THE CONSTRUCTION 7. THE TRUSS FABRICATOR SHALL SPECIFY ALL CONNECTORS REQUIRED TO 8. PATIOS, STOOPS AND WALKWAYS SHALL BE 4" CONCRETE WITH 6X6-W1.4xW1.4 WWF IN ACCORDANCE WITH THE CODE AND SOUND INDUSTRY PRACTICE. COMPLETE THE INSTALLATION IN ACCORDANCE WITH THE DESIGN. THE TRUSS AT MID DEPTH OF SLAB OVER PREPARED SUBGRADE INSTALLER SHALL PROVIDE ALL REQUIRED CONNECTORS. ALL METAL CONNECTORS USED IN PRESSURE TREATED WOOD SHALL 9. PROVIDE SAWCUT, TOOLED, OR PREFABRICATED CONTROL JOINTS 8. THE TRUSS FABRICATOR SHALL SPECIFY ALL PERMANENT BRACING REQUIRED BE STAINLESS STEEL OR HOT-DIP GALVANIZED. IN BUILDING SLABS AT 20'-0" MAXIMUM O.C. IN EACH DIRECTION. AND NOT OTHERWISE PROVIDED BY THE SHEATHING OR BLOCKING TO NO MORE THAN 400 SQUARE FEET OF SLAB SHALL BE PROVIDED ASSURE STABILITY AND CONFORMANCE WITH THE DESIGN. THE TRUSS AS AN OPTION, ANCHOR TIEDOWN SYSTEMS MAY BE USED IN LIEU OF BETWEEN CONTROL JOINTS. PROVIDE CONTROL JOINTS IN INSTALLER SHALL PROVIDE ALL PERMANENT BRACING SPECIFIED BY THE DESIGNED HOLD DOWNS AND WIND UPLIFT HOLD DOWNS. SHOP DRAWINGS WALKWAYS AT APPROXIMATELY 4'-0" O.C. FABRICATOR. SIGNED AND SEALED BY A REGISTERED ENGINEER SHALL BE SUBMITTED 9. PROVIDE TEMPORARY BRACING FOR THE TRUSSES AS REQUIRED TO ASSURE FOR REVIEW. 10. THICKEN INTERIOR FOOTINGS AS REQUIRED TO ACCOMMODATE STABILITY DURING CONSTRUCTION. HOLDOWN ANCHORS PER DETAIL 7/S5.02. 10. FLOOR TRUSSES SHALL SUPPORT A SUPERIMPOSED DEAD LOAD OF 10 PSF AT THE TOP CHORD AND 4 PSF AT THE BOTTOM CHORD IN WALL FRAMING NOTES ADDITION TO THEIR OWN WEIGHT. FLOOR TRUSSES SHALL SUPPORT A LIVE LOAD OF 40 PSF AT THE TOP CHORD 1. LUMBER FOR STUDS SHALL BE SOUTHERN PINE, DOUGLAS FIR-LARCH, Street HEM FIR OR SPRUCE-PINE-FIR, STUD GRADE UNLESS OTHERWISE NOTED. 11. FLOOR SHEATHING SHALL BE 23/32", TONGUE-AND-GROOVE, APA RATED STURD-I-FLOOR WITH A SPAN INDEX OF 24 O.C. GLUE & NAIL 2. LUMBER FOR PLATES, SILLS & BLOCKING SHALL BE SOUTHERN PINE WITH 10d @ 6" O.C. EDGE NAILING AND 10d @ 10 " O.C. FIELD DOUGLAS FIR, HEM FIR OR SPRUCE-PINE-FIR, STANDARD AND BETTER. LEGEND NAILING. PANELS SHALL BE PLACED PERPENDICULAR TO FRAMING. SILL PLATES ON CONCRETE SHALL BE PRESSURE TREATED. MINIMUM PANEL DIMENSION SHALL BE 2'-0". GLUE SHEATHING TO SIZE PER PLAN 4x10 DROPPED BEAM 3. LUMBER FOR HEADERS AND POSTS SHALL BE SOUTHERN PINE OR FLOOR JOISTS AT ALL EDGES AND INTERMEDIATE SUPPORTS. (TOP OF BEAM @ TOP OF PLATE) DOUGLAS FIR. #2 AND BETTER. PORCH POSTS SHALL BE LSL ENGINEERED WOOD POSTS. 12. TRUSSES NOTED AS "DRAG TRUSS" ON THE PLANS SHALL BE DESIGNED TO SIZE PER PLAN — 4x8 FLUSH BEAM (OR GIRDER FLOOR TRUSS) 4. TYPICAL STUD WALLS (U.N.O.) TRANSFER 200 PLF OF LATERAL LOAD. APPLIED ALONG THE ENTIRE LENGTH (BEARS ON TOP PLATES) OF THE TOP CHORD, TO THE TRUSS SUPPORTS. A. EXTERIOR STUD WALLS SHALL BE 2x6 STUDS @ 24" O.C. HEADER (SEE ARCHITECTURAL ELEVATIONS WITH 2X SILL PLATE AND DOUBLE 2x TOP PLATE. FOR HEIGHT ABOVE FLOOR OR SLAB) B. EXTERIOR GARAGE STUD WALLS, NO GREATER THAN 10' IN HEIGHT **ROOF FRAMING NOTES** EXTENT TRUSS SHALL BE 2x6 STUDS @ 24" O.C. WITH 2X SILL PLATE AND TYPICAL TRUSS ENCHEER * DOUBLE 2x TOP PLATE. @ 24" O.C. 1. ROOF TRUSSES SHOWN ARE FOR ILLUSTRATION ONLY. THE FINAL C. INTERIOR BEARING STUD WALLS SHALL BE 2x4 STUDS @ 16" O.C. DESIGN, LAYOUT, AND CONFIGURATION SHALL BE BY THE TRUSS WITH 2X SILL PLATE AND DOUBLE 2x TOP PLATE. FABRICATOR. COORDINATE LAYOUT TO ACCOMODATE DUCT CHASES - HOLDOWN EA SIDE SHEAR WALL (ON FRAMING PLANS-INTERIOR NON-BEARING STUD WALLS SHALL BE 2x4 STUDS @ 24" O.C. 2. ROOF TRUSSES SHALL SUPPORT A SUPERIMPOSED DEAD LOAD OF INDICATES SHEAR PANEL, NAILING & WITH 2x SILL PLATE AND DOUBLE 2x TOP PLATE. (OR 1-2x & HOLDOWNS) 10 PSF AT THE TOP CHORD AND 4 PSF AT THE BOTTOM CHORD 1-1x TOP PLATE @ ROOF TRUSSES) IN ADDITION TO THEIR OWN WEIGHT, ROOF TRUSSES SHALL E. FIRST STORY STUD WALLS SHALL HAVE A 9'-1" TOP PLATE U.N.O. SHEAR WALL (ON FOUNDATION PLANS-SUPPORT A LIVE LOAD OF 20 PSF AT THE TOP CHORD. SECOND STORY STUD WALL SHALLS HAVE A 8'-1" TOP PLATE U.N.O. INDICATES SILL ANCHORS AND EMBEDED ROOF TRUSSES SHALL SUPPORT A 10 PSF BOTTOM CHORD HOLDOWNS) _____¥____ LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS. F. STUD WALLS WITH AN UNBRACED HEIGHT GREATER THAN 10' SHALL BE 2x6 STUDS @ 16" O.C. VATKINS GROVI TH CAROLINA POST OR DOUBLE STUD. 3. THE TRUSS FABRICATOR SHALL SPECIFY ALL CONNECTORS REQUIRED TO G. PROVIDE TEMPORARY BRACING TO ADEQUATELY BRACE THE WALLS SEE WALL FRAMING NOTE 8 FOR SIZE. COMPLETE THE INSTALLATION IN ACCORDANCE WITH THE DESIGN. THE TRUSS DURING CONSTRUCTION. INSTALLER SHALL PROVIDE ALL REQUIRED CONNECTORS. 5. AS AN OPTION, PREFABRICATED WALL PANELS MAY BE USED IN LIEU OF ======== WALL BELOW SITE BUILT STUD WALLS. 4. THE TRUSS FABRICATOR SHALL SPECIFY ALL PERMANENT BRACING REQUIRED BEARING WALL BELOW AND NOT OTHERWISE PROVIDED BY THE SHEATHING OR BLOCKING TO $\Xi \otimes \Xi$ 6. TYPICAL SILL ANCHORS (U.N.O.) ASSURE STABILITY AND CONFORMANCE WITH THE DESIGN. THE TRUSS A. EXTERIOR WALLS: MAS @ 5'-0" O.C. WITH 1-MAS AT 12 INCHES MAX FROM EACH END WALL ABOVE INSTALLER SHALL PROVIDE ALL PERMANENT BRACING SPECIFIED BY THE OF EACH PIECE. 1/2"Ø WEDGE-BOLTS BY POWER FASTENERS, EMBEDDED 4", MAY BE USED FABRICATOR. IN LIEU OF MAS ANCHORS. INTERIOR BEARING WALLS: SHOT PINS @ 16" O.C. WITH 1-PIN **DESIGN CRITERIA** 5. PROVIDE TEMPORARY BRACING FOR THE ROOF TRUSSES AS AT 6" FROM EACH END OF EACH PIECE. REQUIRED TO ASSURE STABILITY DURING CONSTRUCTION. **ROOF LIVE LOAD..** ..20 PSF C. INTERIOR NON-BEARING PARTITIONS: SHOTPINS @ 32" O.C. 6. ROOF TRUSSES INCLUDING GABLE ENDS SHALL BE DESIGNED FOR LATERAL AND WITH 1-PIN AT 6" FROM EACH END OF EACH PIECE 36 WIND LOAD CRITERIA. ..130 MPH. EXPOSURE C UPLIFT WIND LOAD AS REQUIRED BY ASCE 7-02, FOR A 130 MPH WIND SPEED, D. ALL SILL PLATES SHALL HAVE A MINIMUM OF 2 ANCHORS EXPOSURE C. ..CATEGORY B SEISMIC LOAD CRITERIA. 7. SHOT PINS SHALL BE HILTI X-U POWDER ACTUATED FASTENERS OR EQUAL. 7. GABLE END TRUSSES SHALL BE DESIGNED OR BRACED AS REQUIRED TO 8. PROVIDE 1x TOP PLATE AT INTERIOR PARTITIONS SO THAT ALLOWABLE SOIL BEARING.. ...2000 PSF Project No: 09-0001 RESIST OUT OF PLANE WIND LOADS. THE ROOF TRUSS INSTALLER SHALL ROOF TRUSSES DO NOT BEAR ON INTERIOR PARTITIONS. PROVIDE ALL PERMANENT BRACING REQUIRED BY THE ROOF TRUSS DESIGNER. Drawn: RHA 9. PROVIDE DOUBLE 2x STUDS AT BEARING POINTS OF ALL DOUBLE 2x OR 4x BEAMS Checked: RHA U.N.O. ON PLAN. AT BEARING POINTS OF ALL GIRDER TRUSES AND HIP MASTERS 8. ROOF SHEATHING SHALL BE 19/32" APA RATED SHEATHING WITH A Approved: SKR PROVIDE MULTIPLE 2x STUDS TO MATCH THE NUMBER OF PLYS U.N.O. ON PLAN. SPAN INDEX OF 32/16. NAILING SHALL BE 8d @ 6" O.C. *Scale: NONE EDGE NAILING AND 8d @ 12" O.C. FIELD NAILING. ROOF SHEATHING PROVIDE 4x4 POST AT BEARING POINTS OF ALL 3 1/2" ENGINEERED BEAMS U.N.O ON SHALL BE PLACED PERPENDICULAR TO FRAMING. PROVIDE PANEL *use graphic scales if sheet size PLAN. PROVIDE 4x6 POST AT BEARING POINTS OF ALL 5 1/2" ENGINEERED BEAMS varies from 22 x 34 CLIPS AT MID SPAN OF UNSUPPORTED EDGES. U.N.O. ON PLAN. SHEET 59 OF 141 9. TRUSSES NOTED AS "DRAG TRUSS" ON THE PLANS SHALL BE DESIGNED TO TRANSFER 200 PLF OF LATERAL LOAD, APPLIED ALONG THE ENTIRE LENGTH OF THE TOP CHORD, TO THE TRUSS SUPPORTS. 10 12

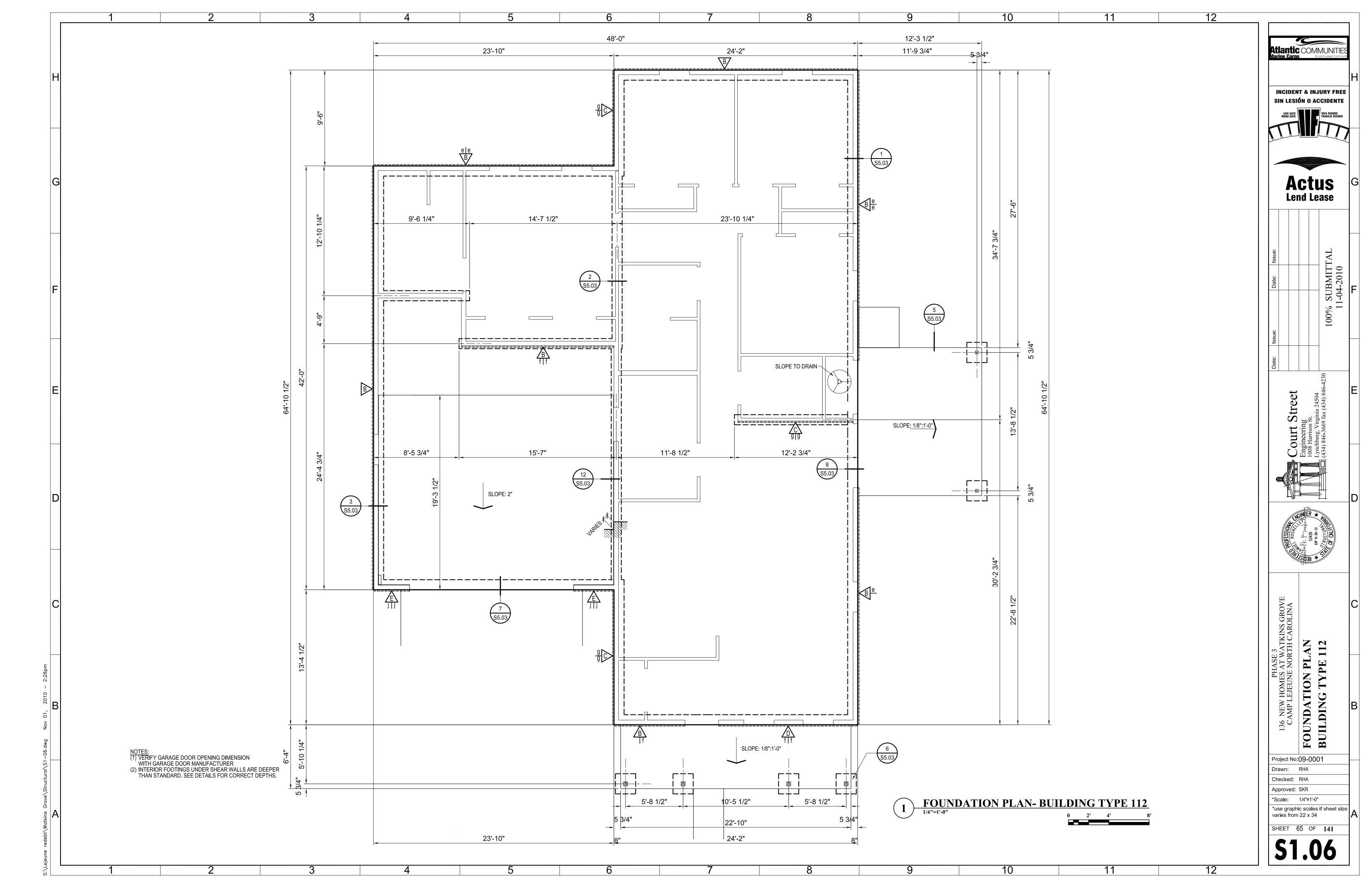


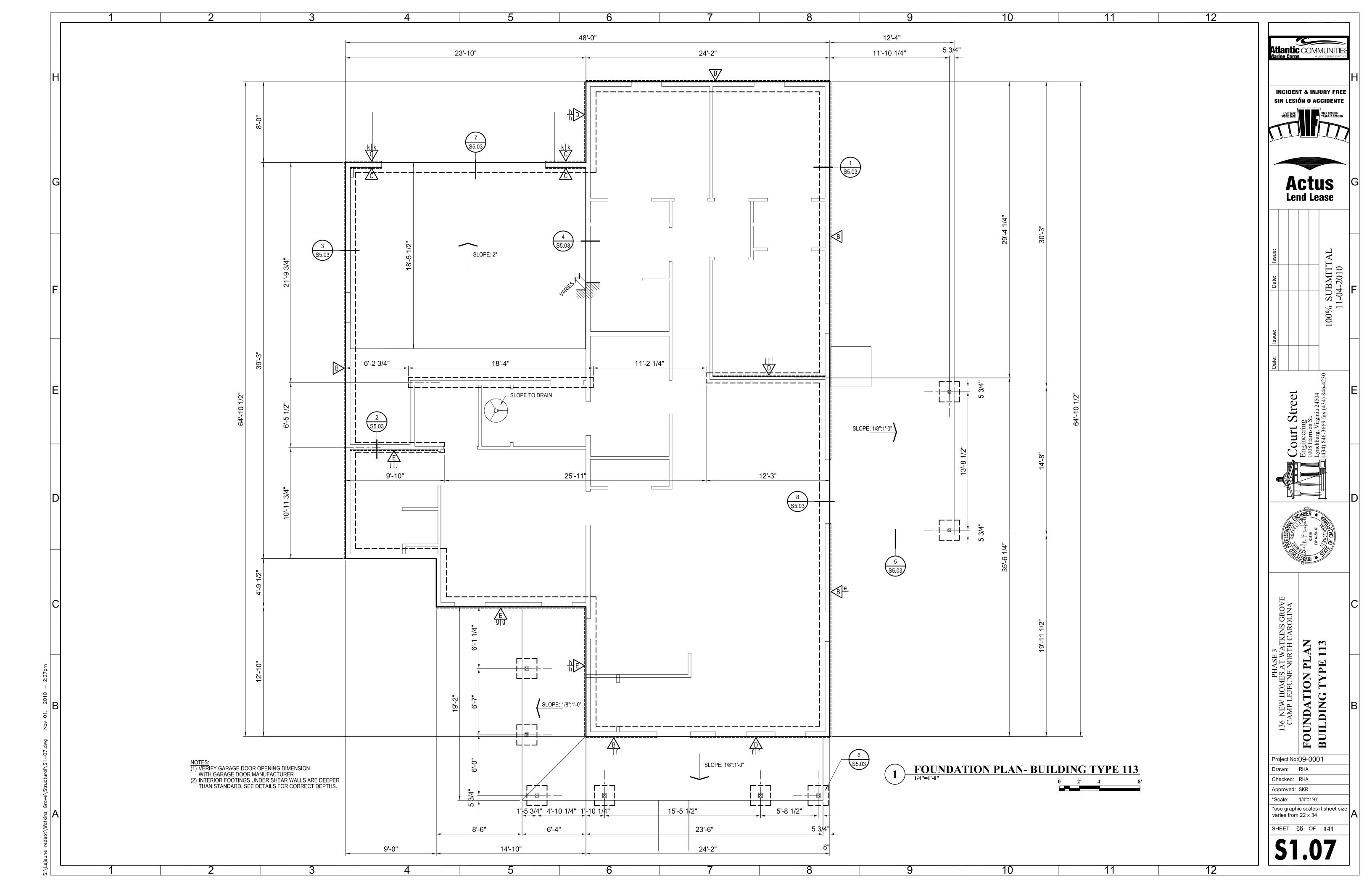


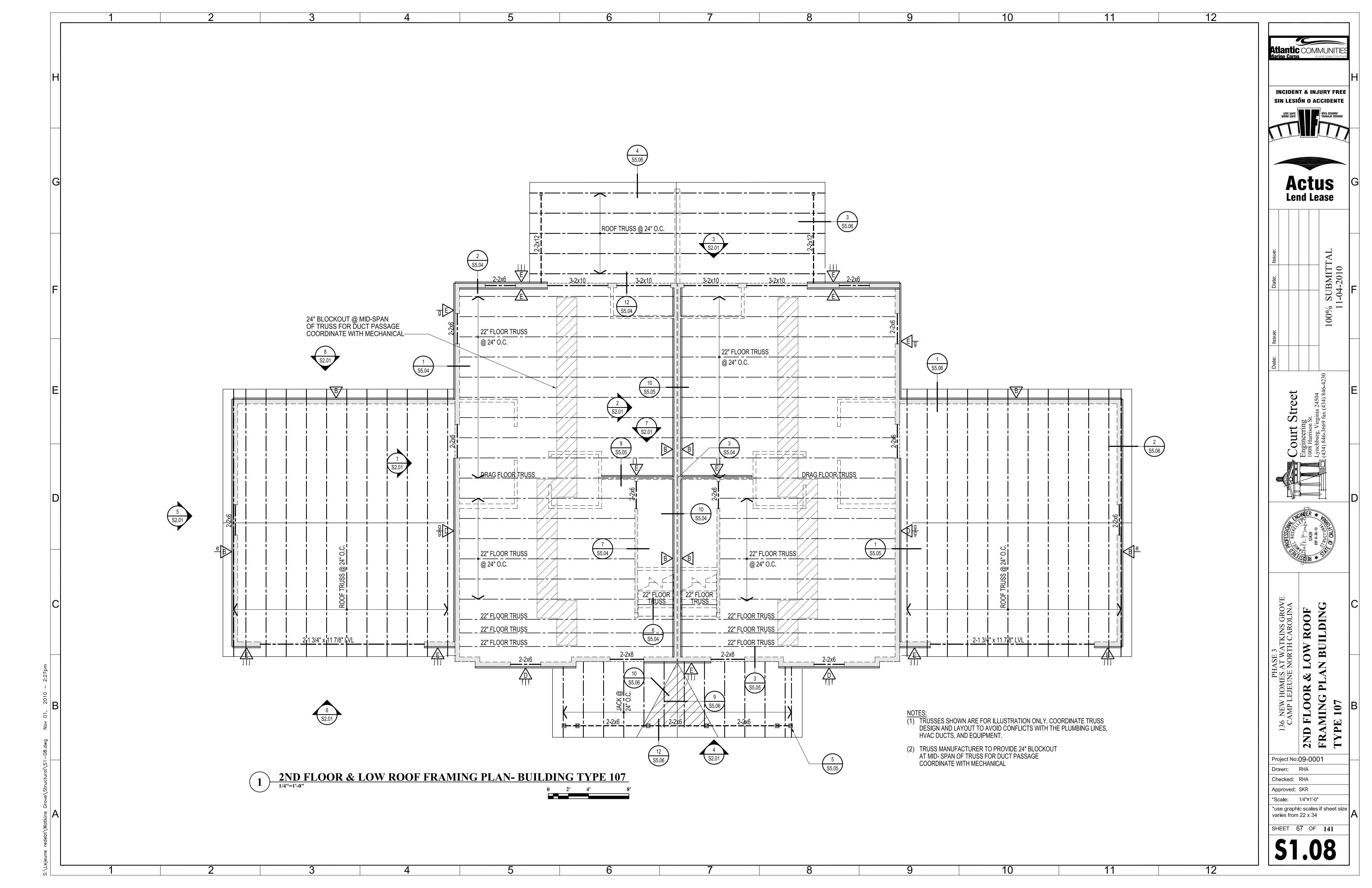


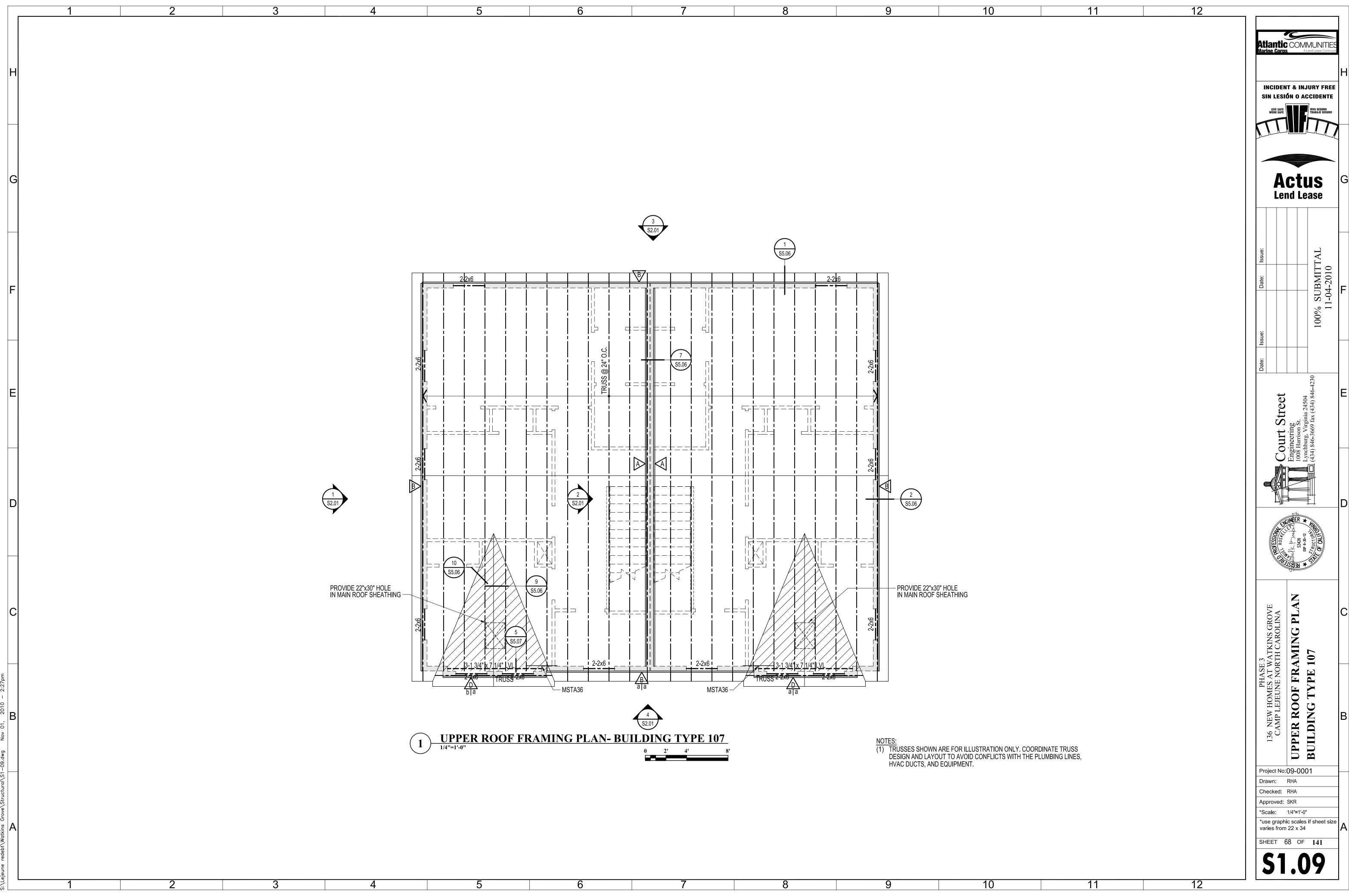




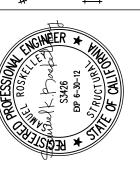


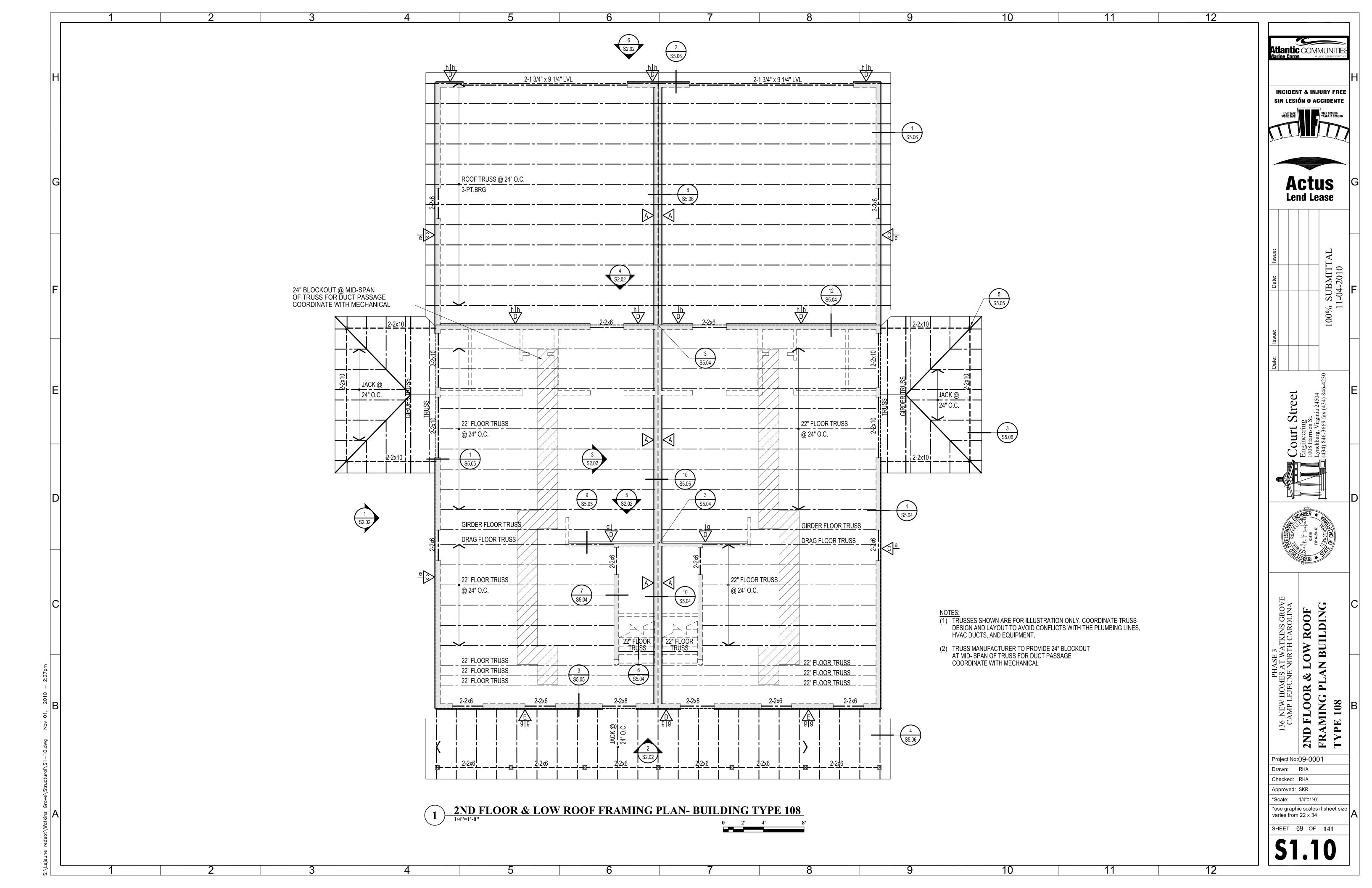


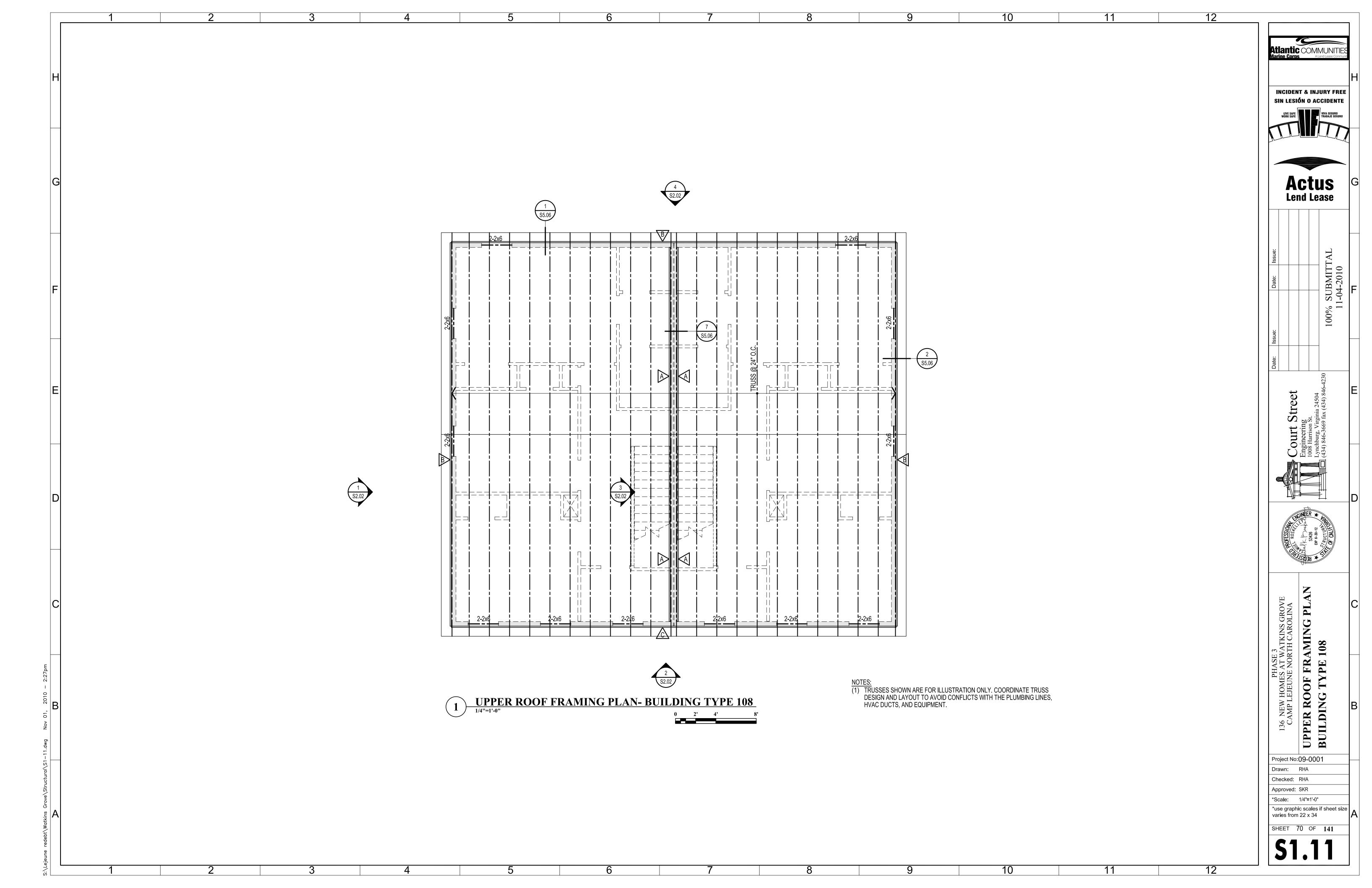


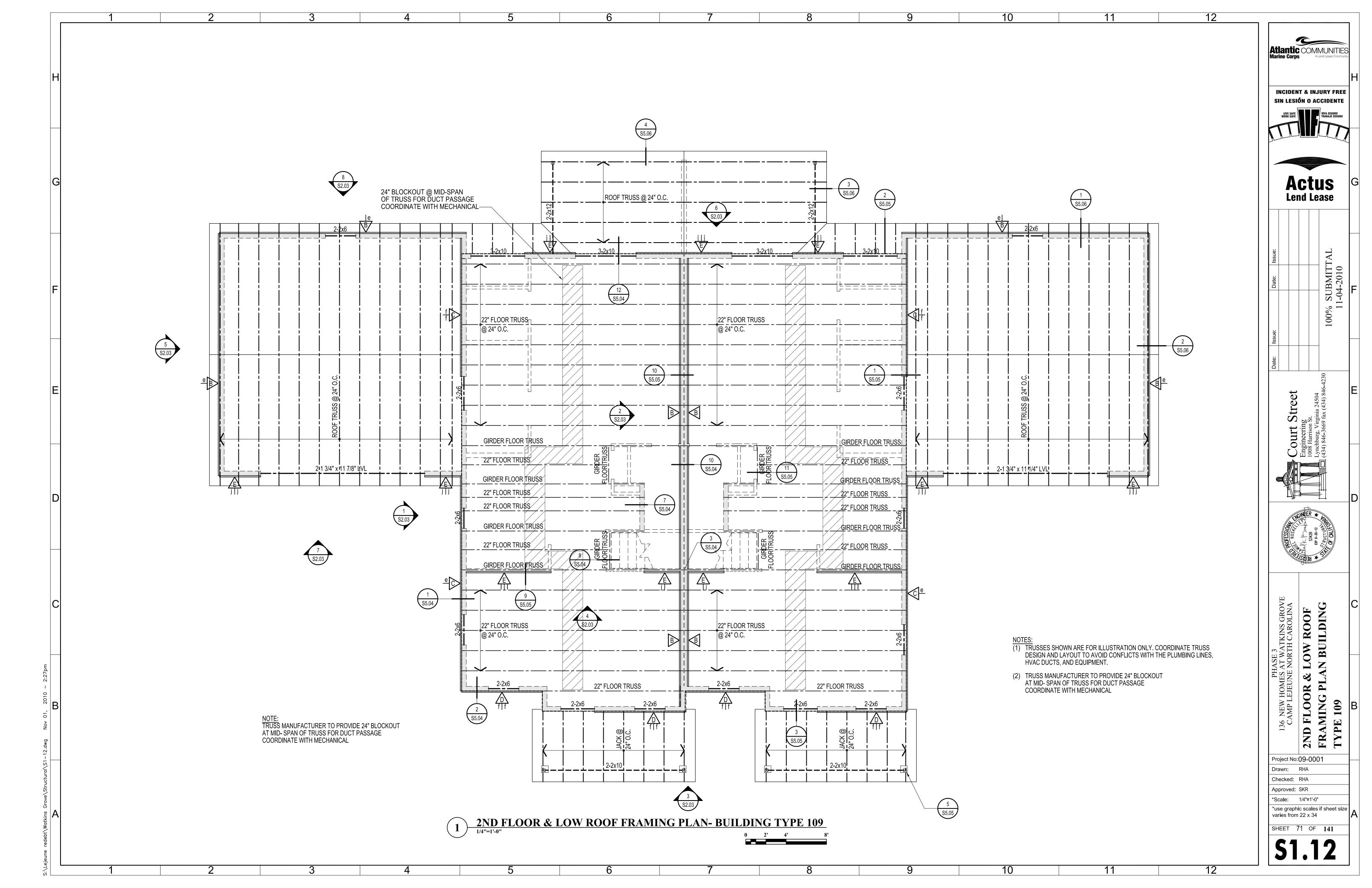


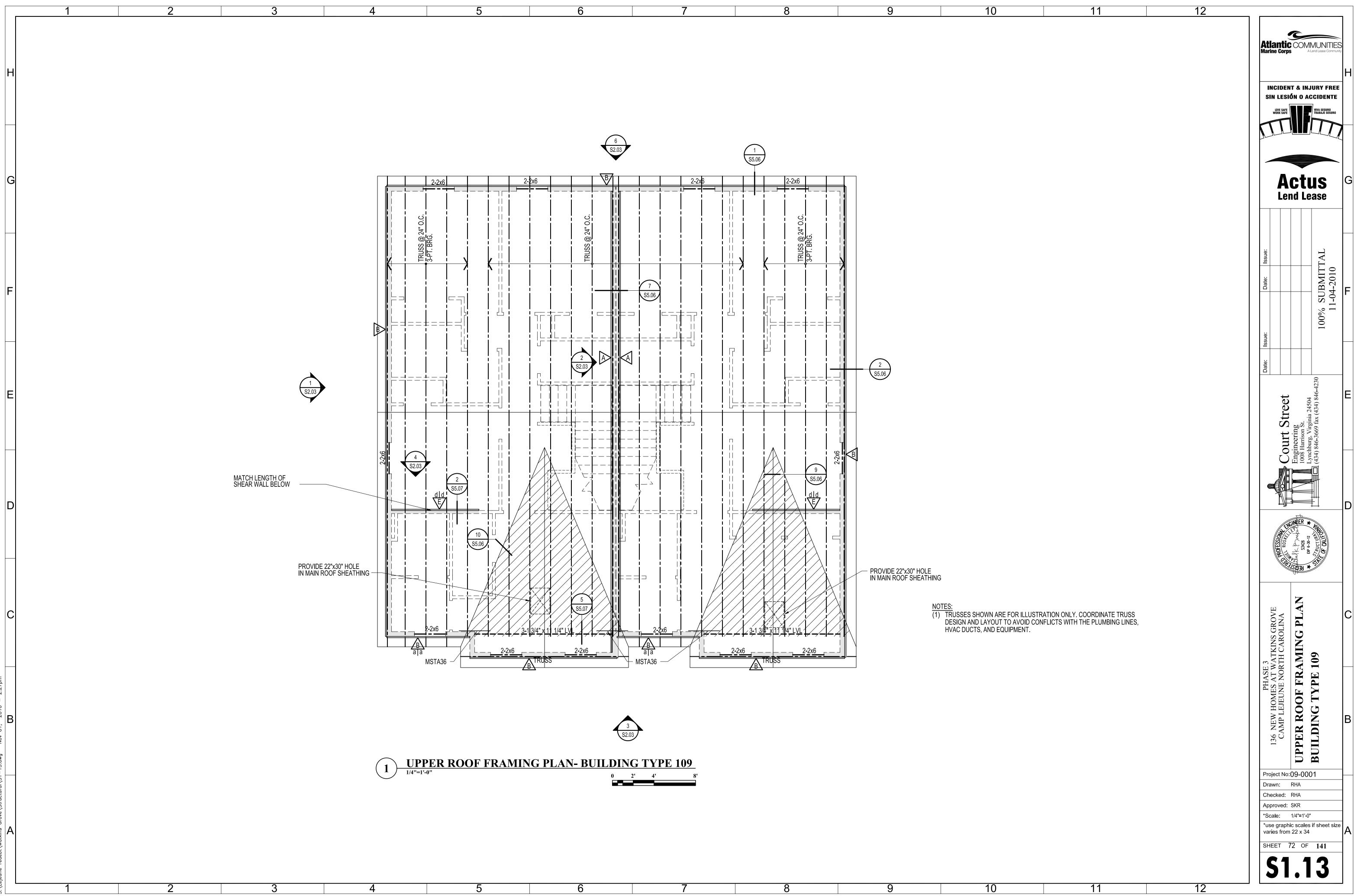
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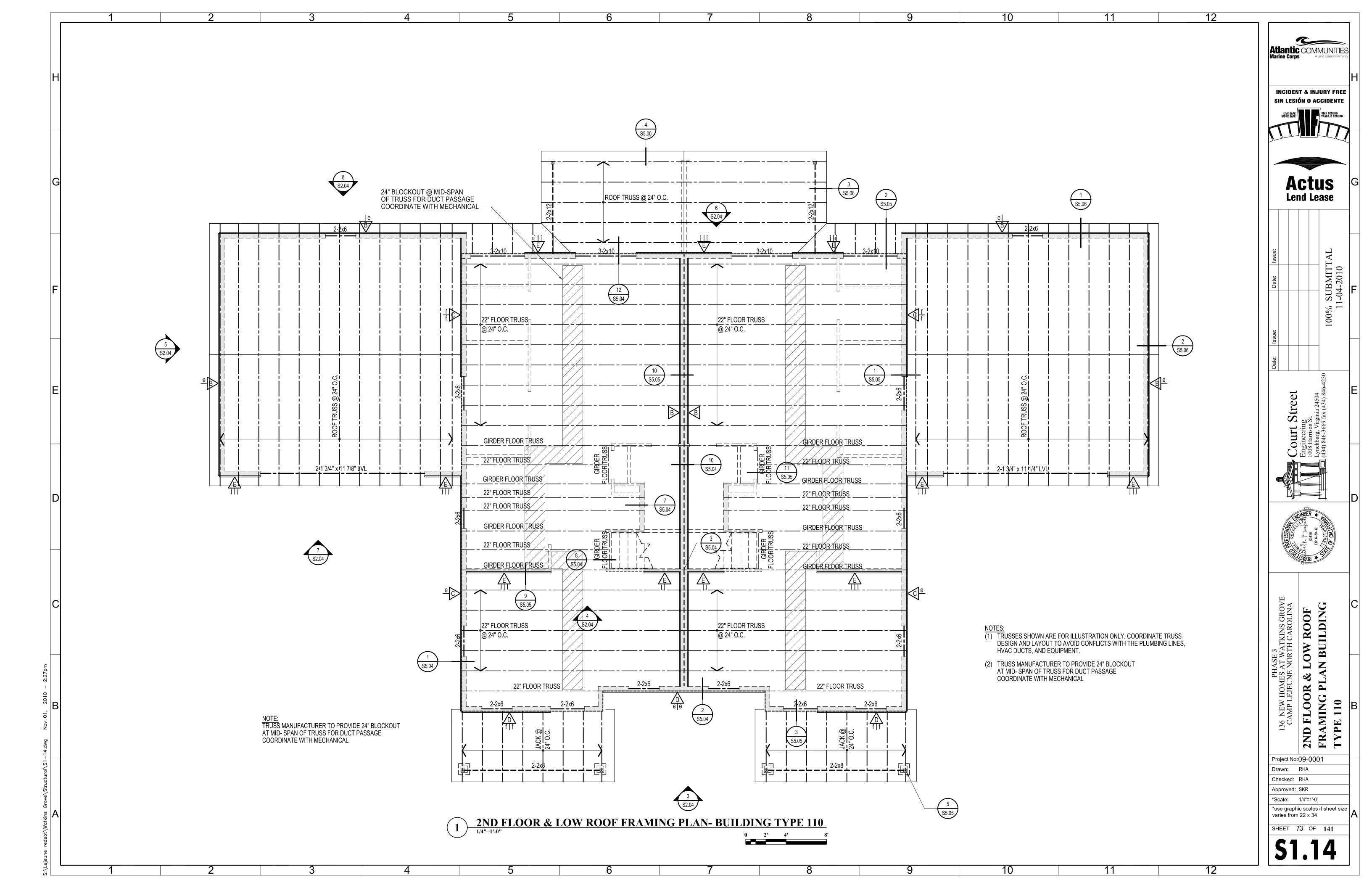


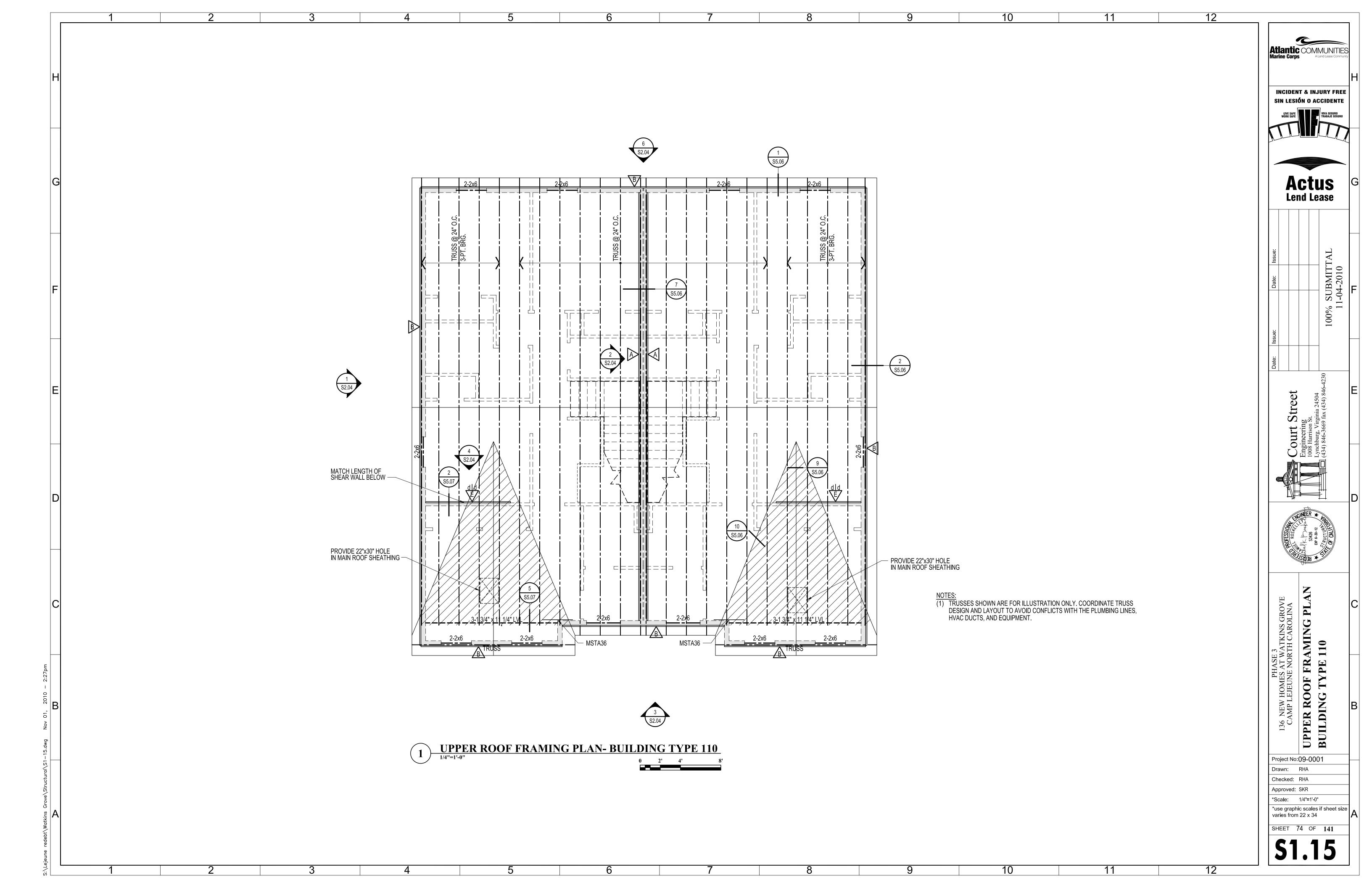


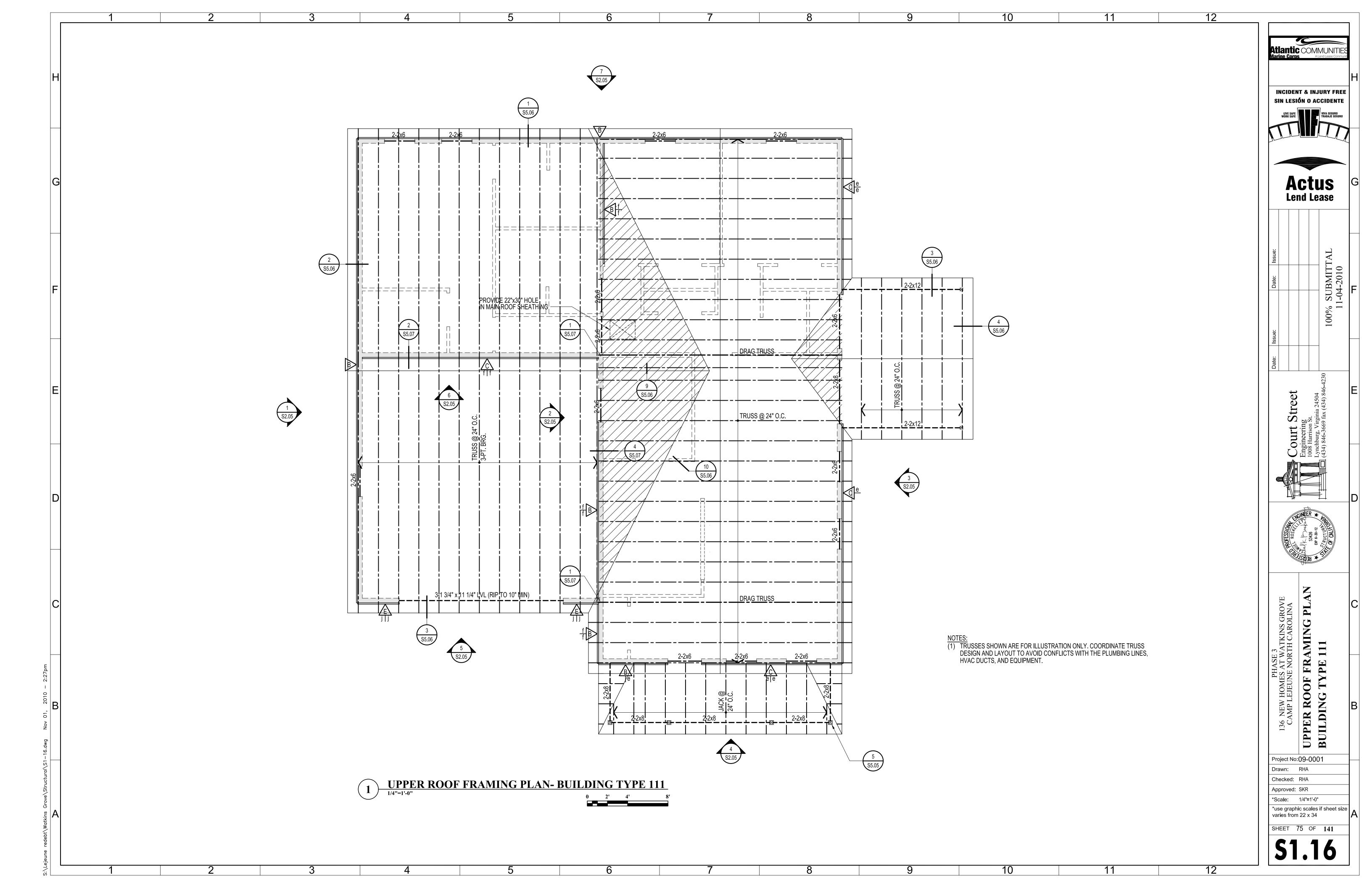


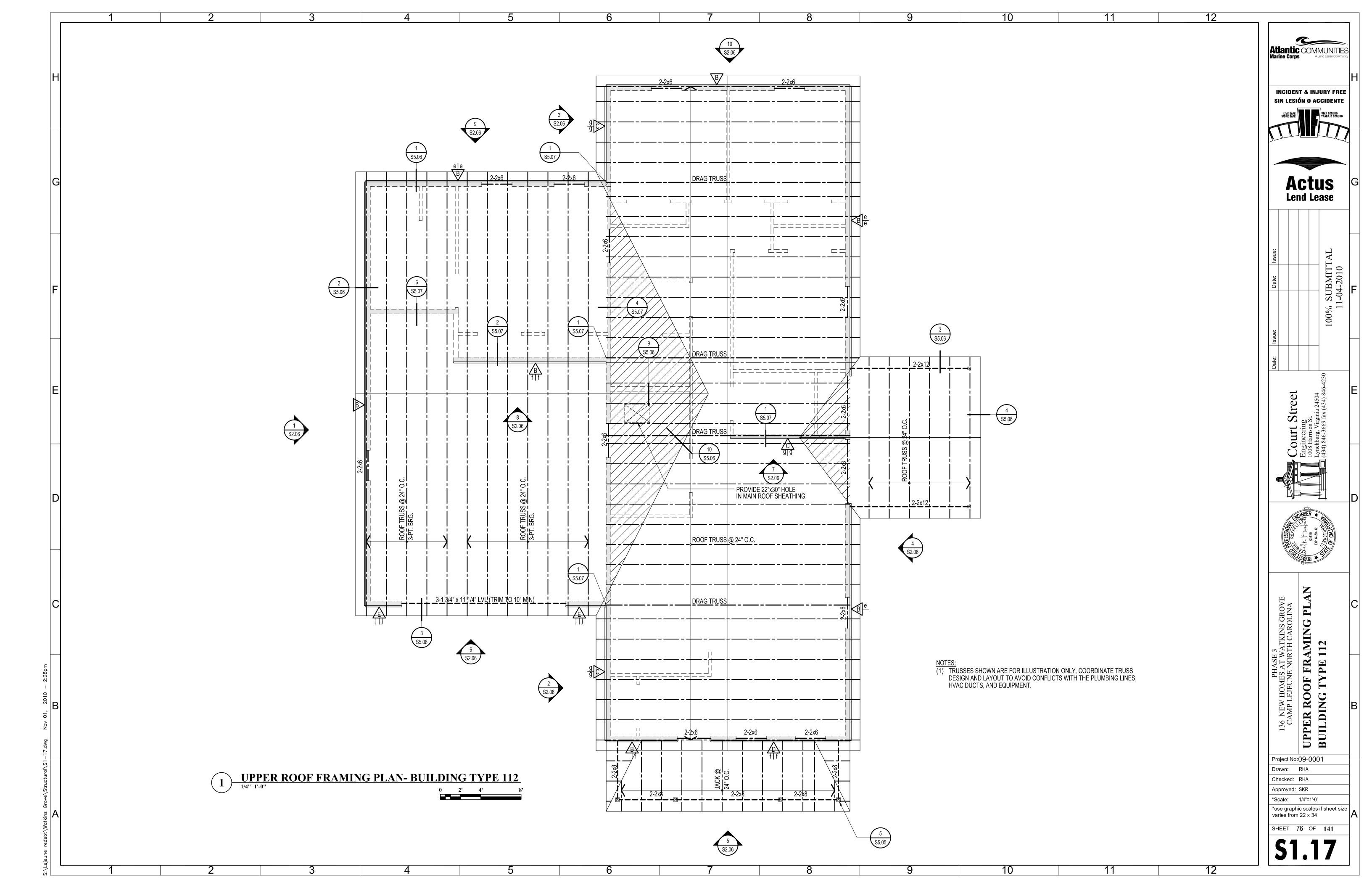


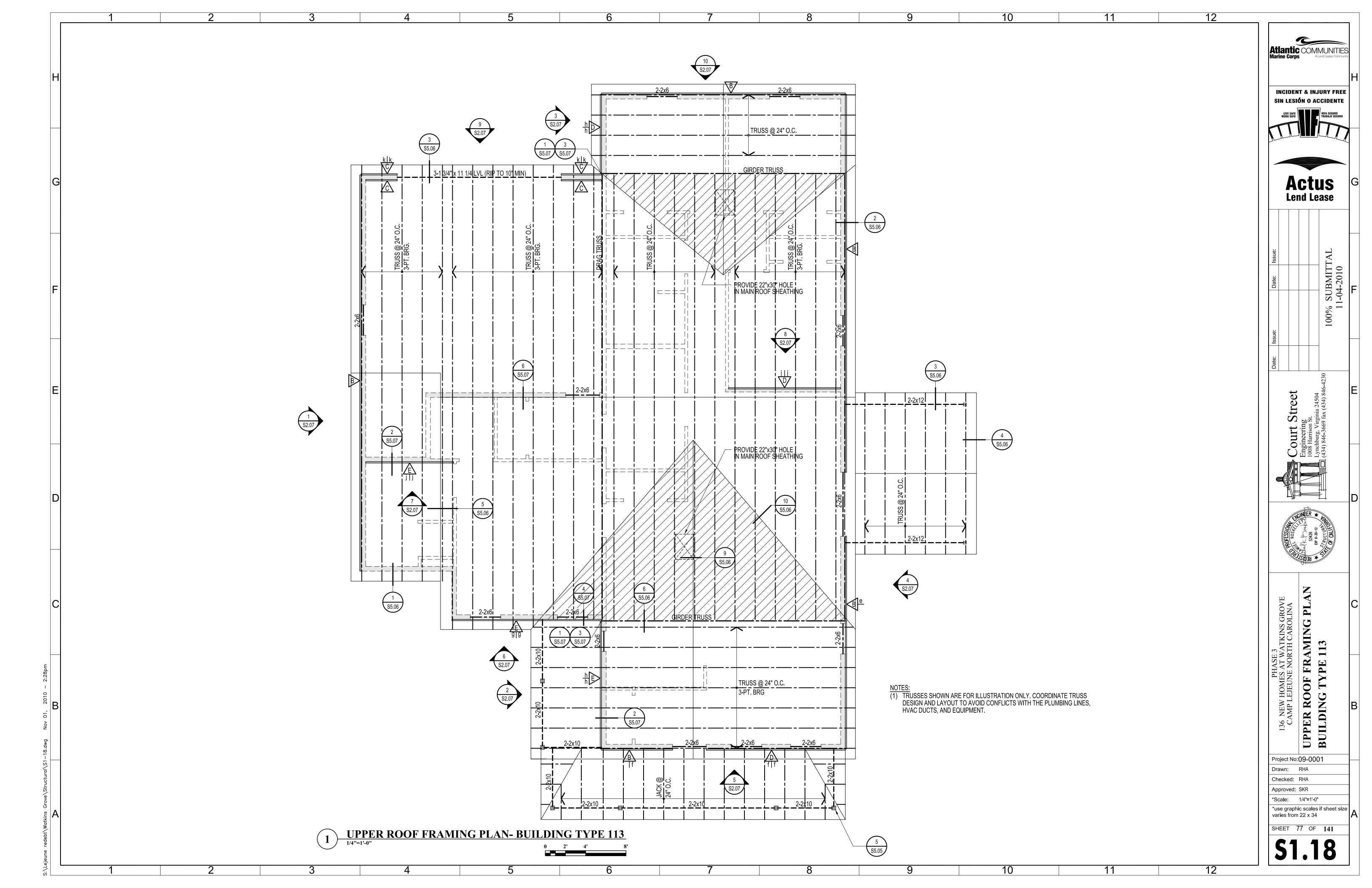


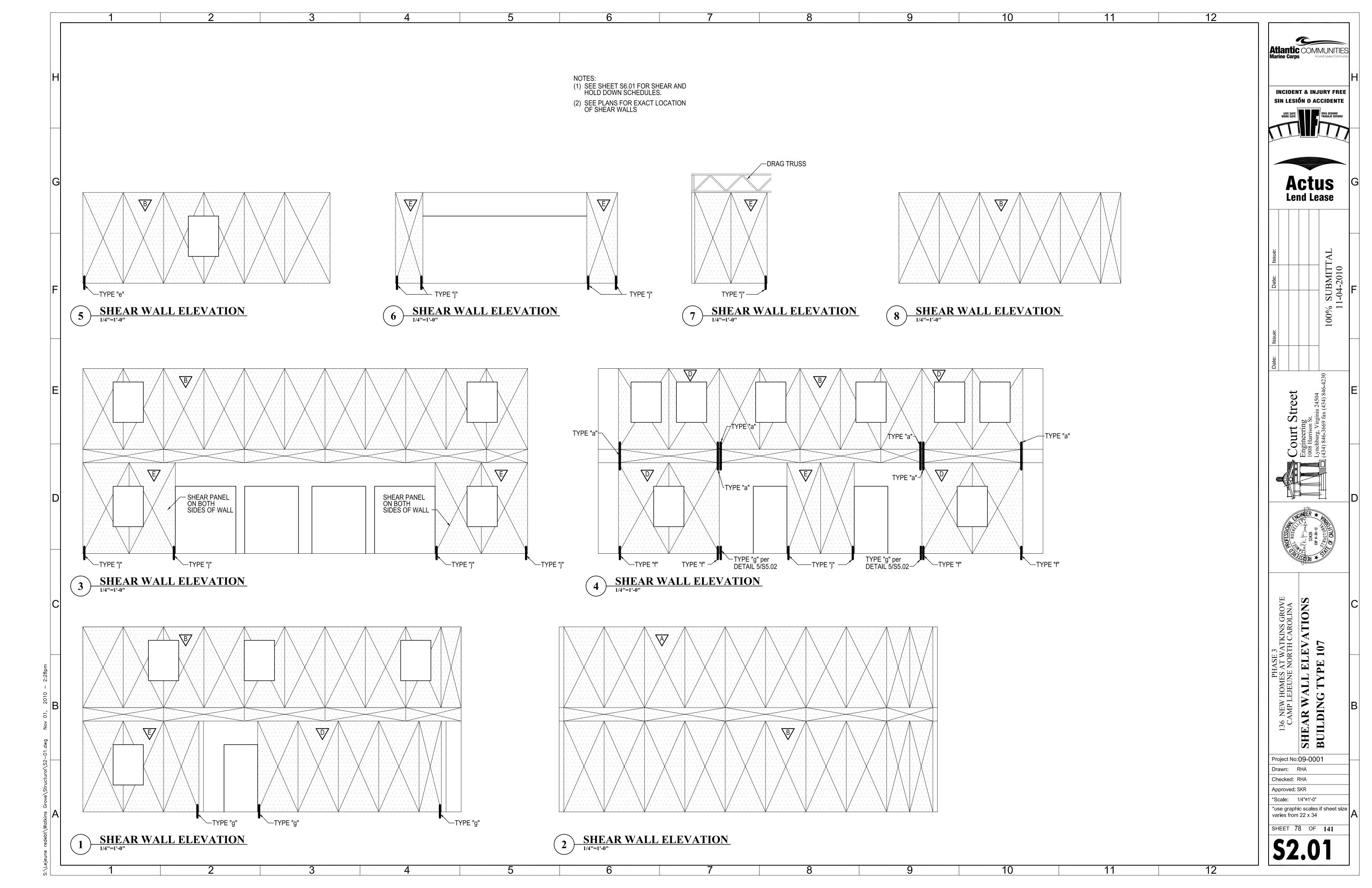


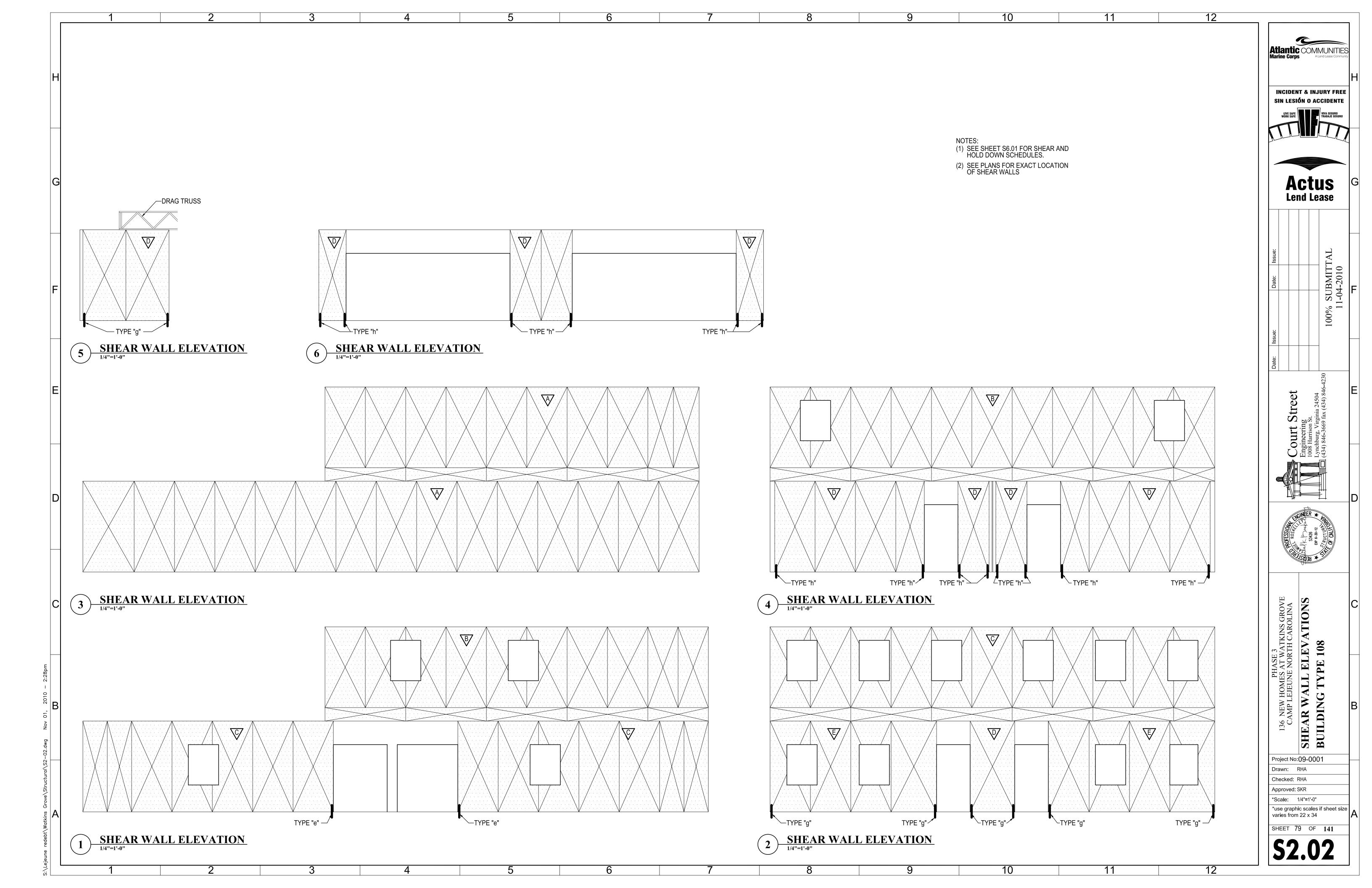


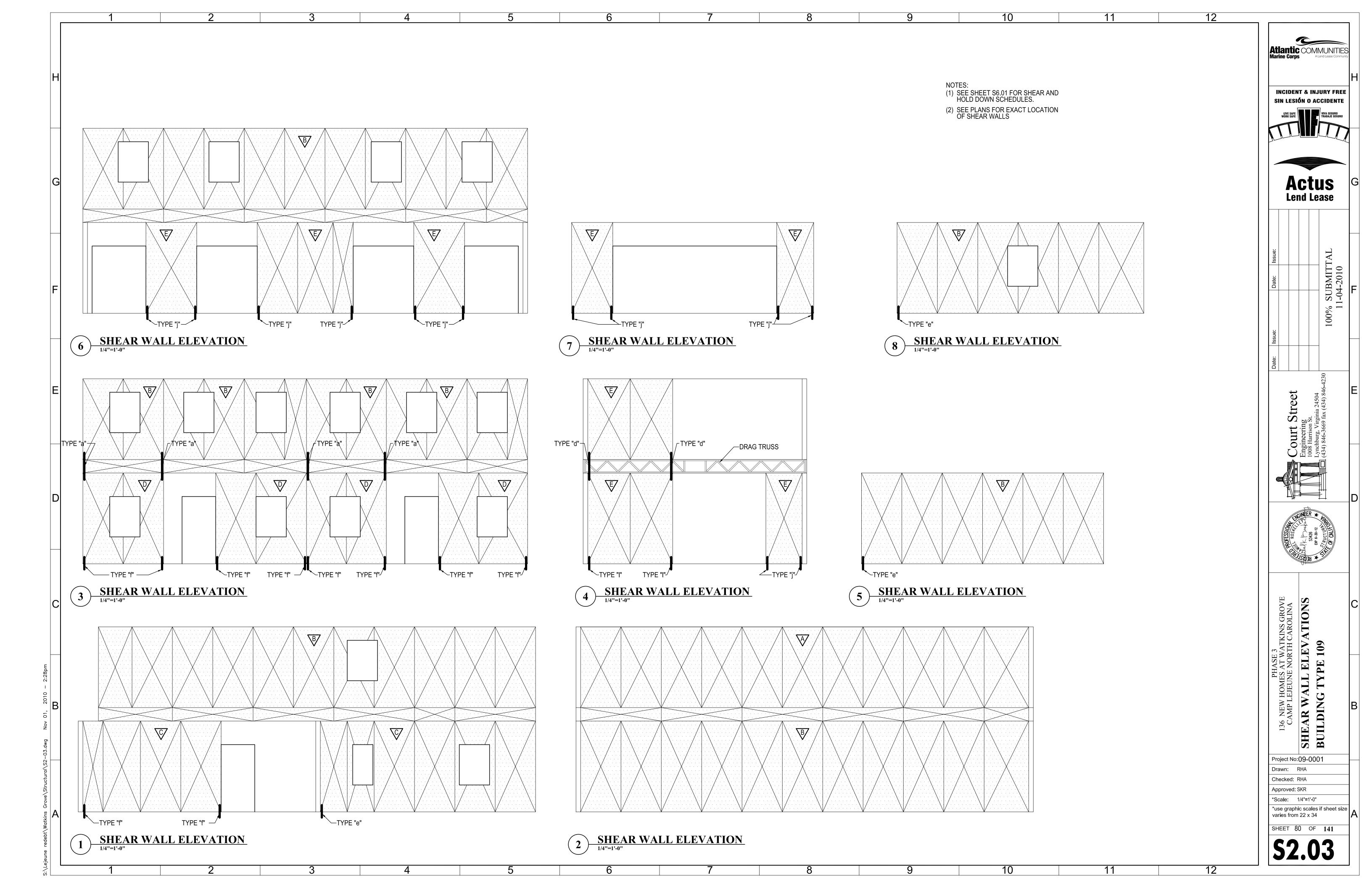


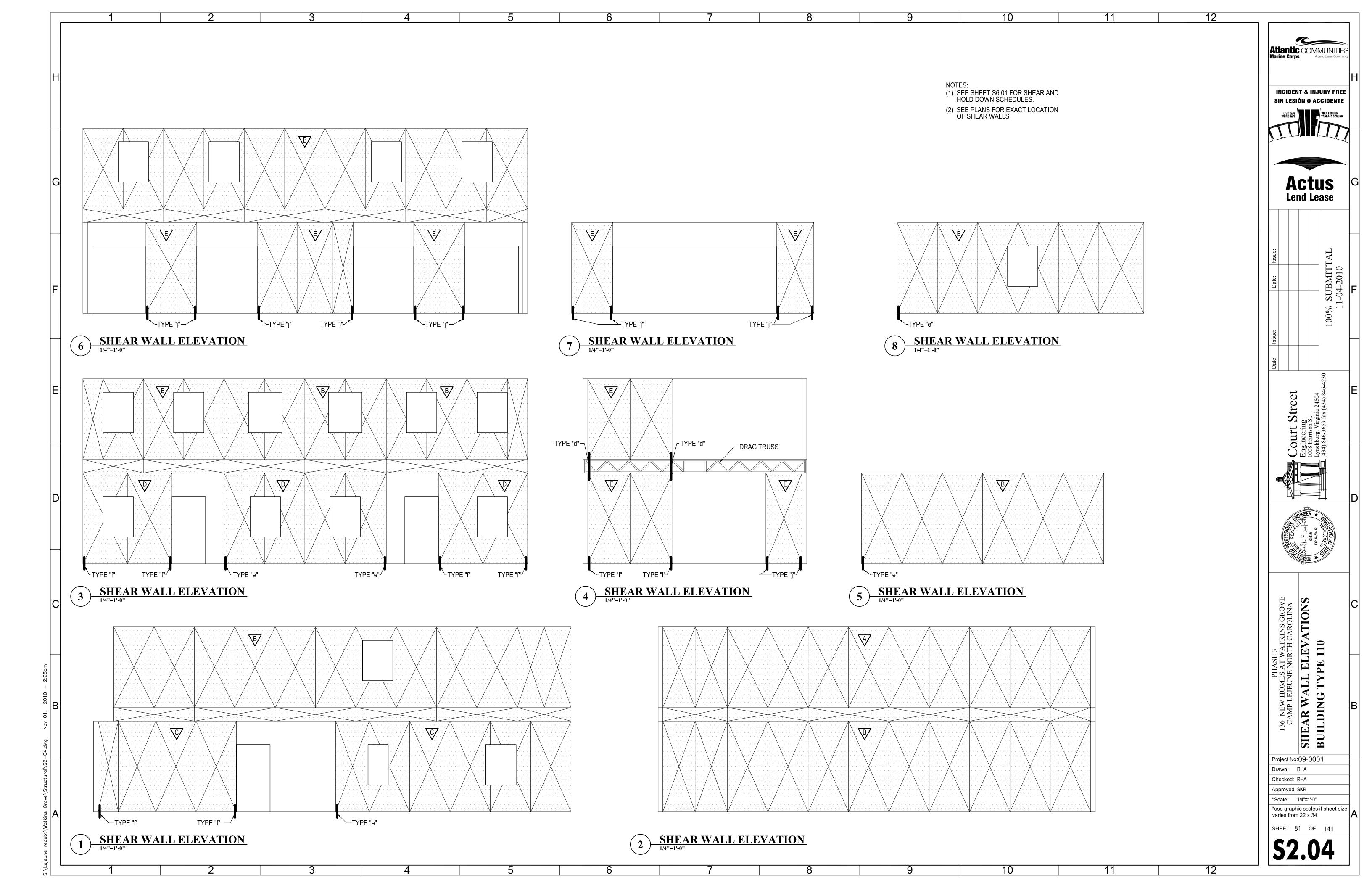


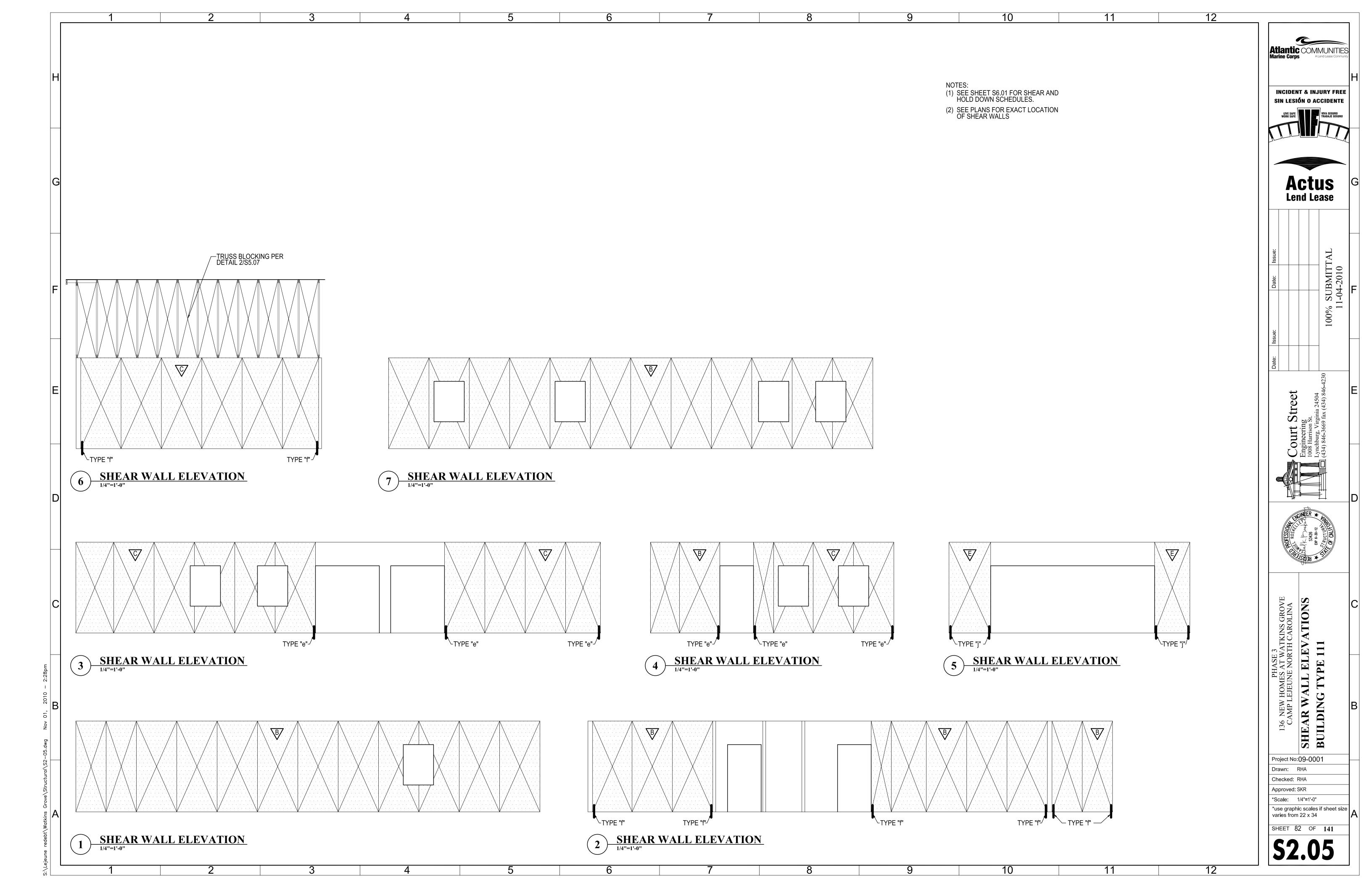


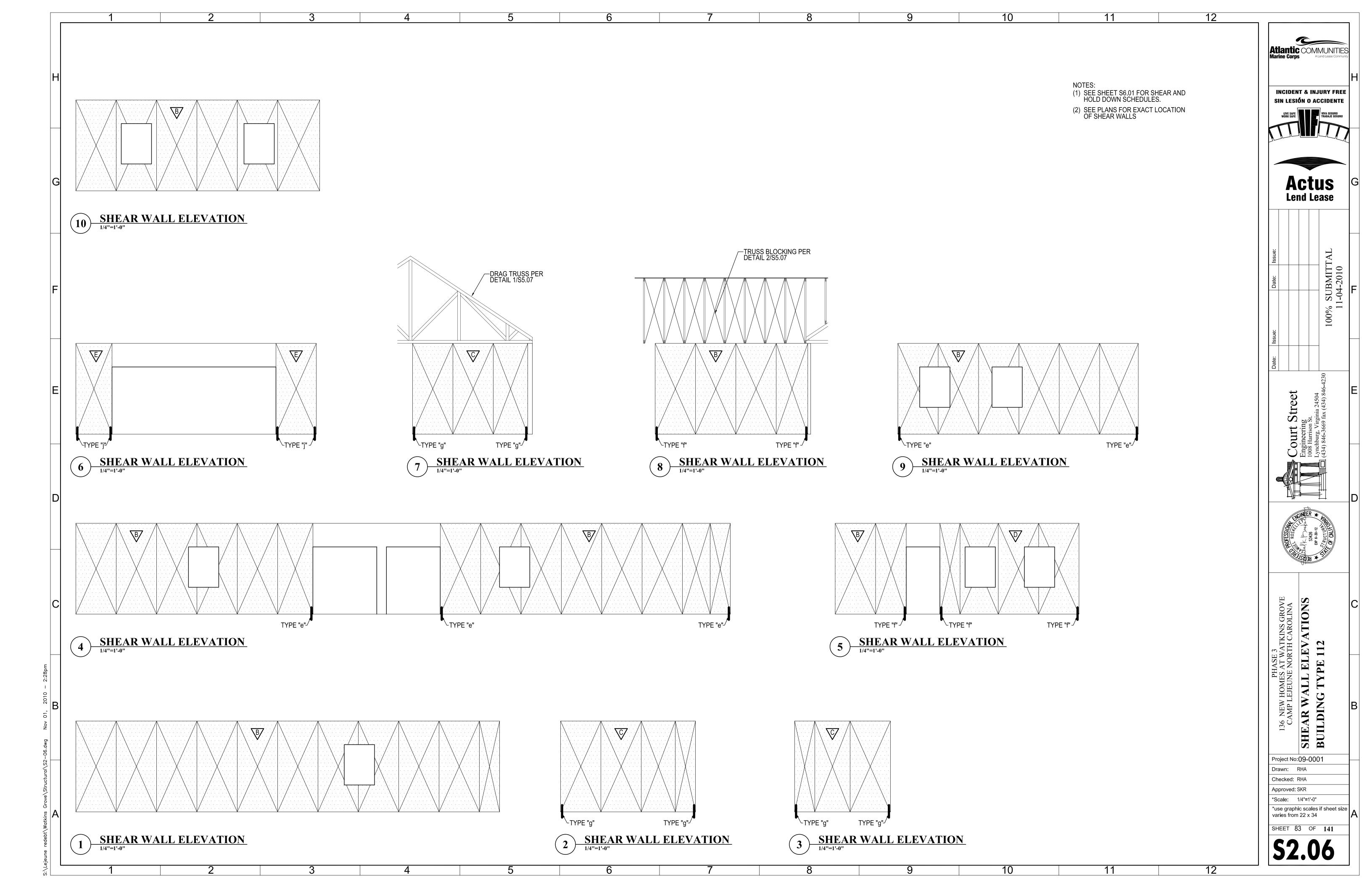


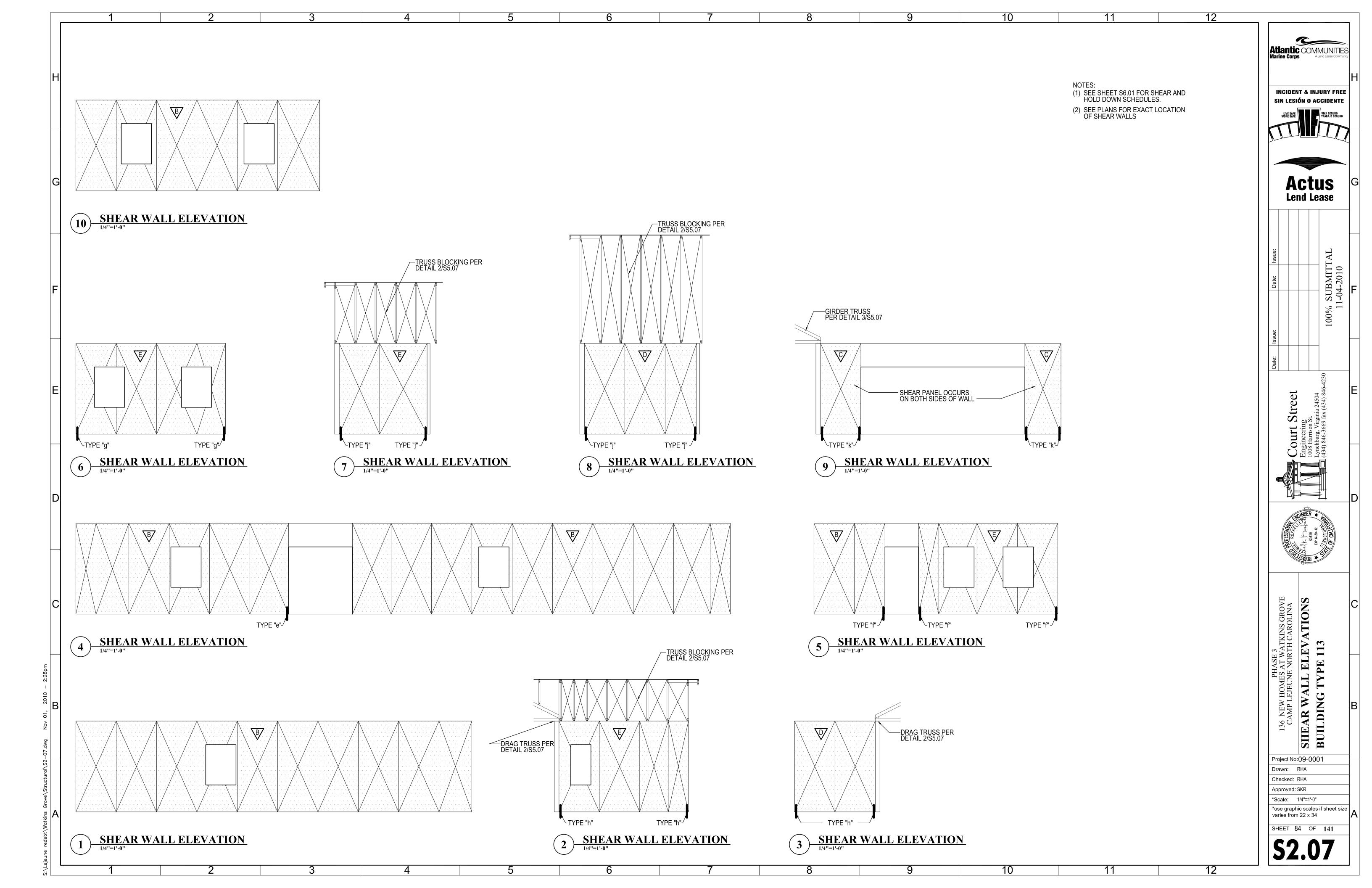


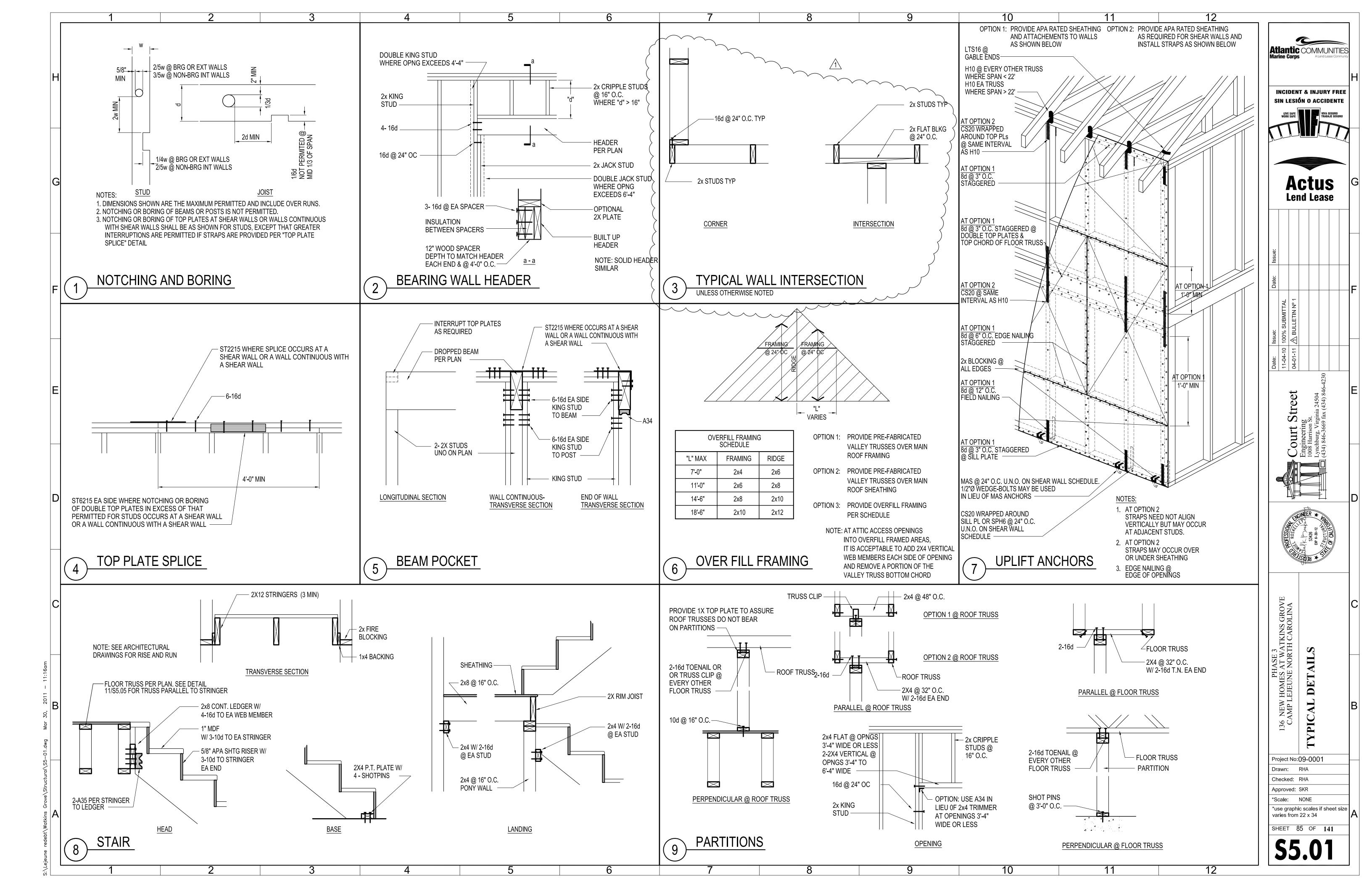


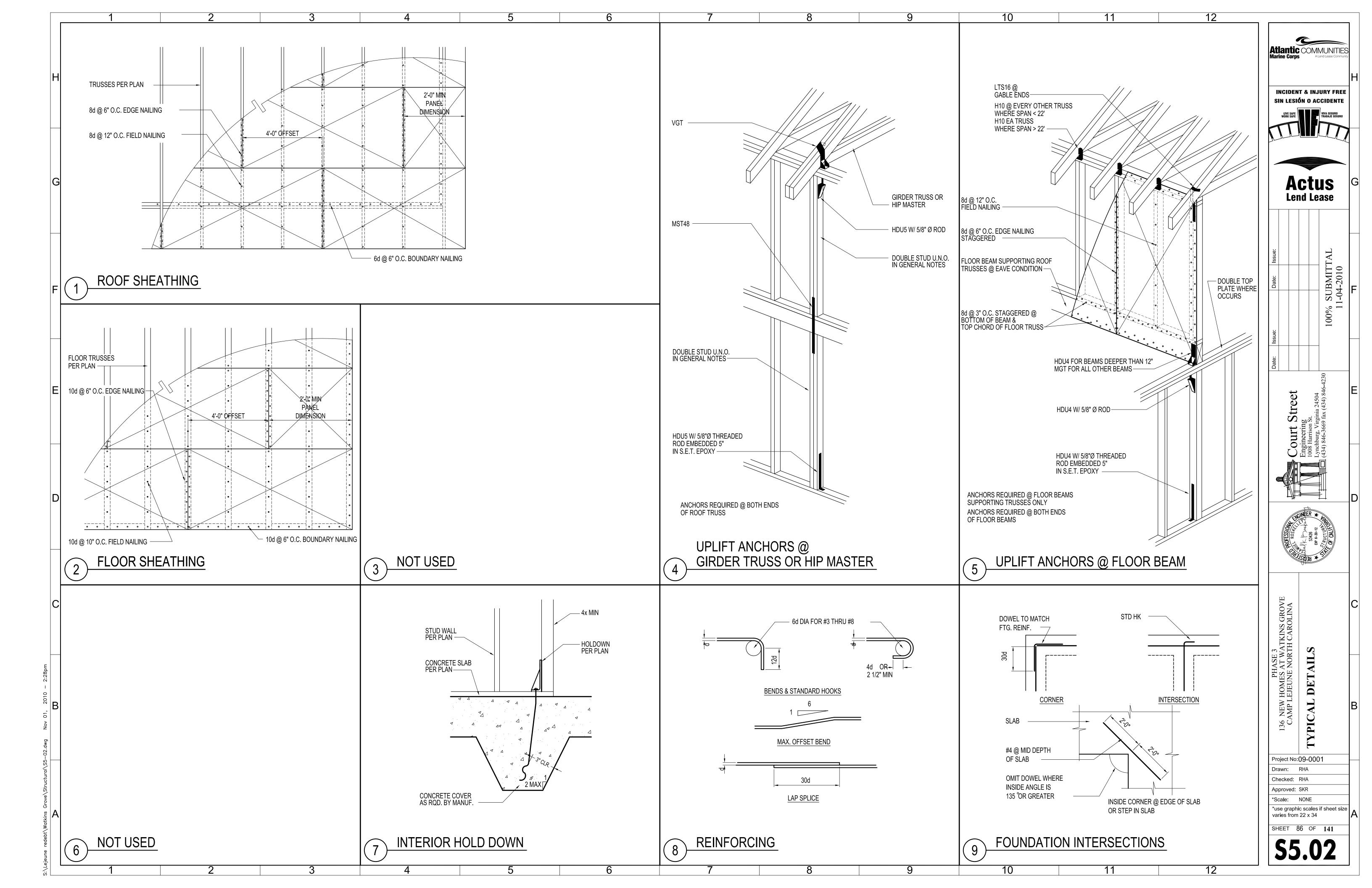


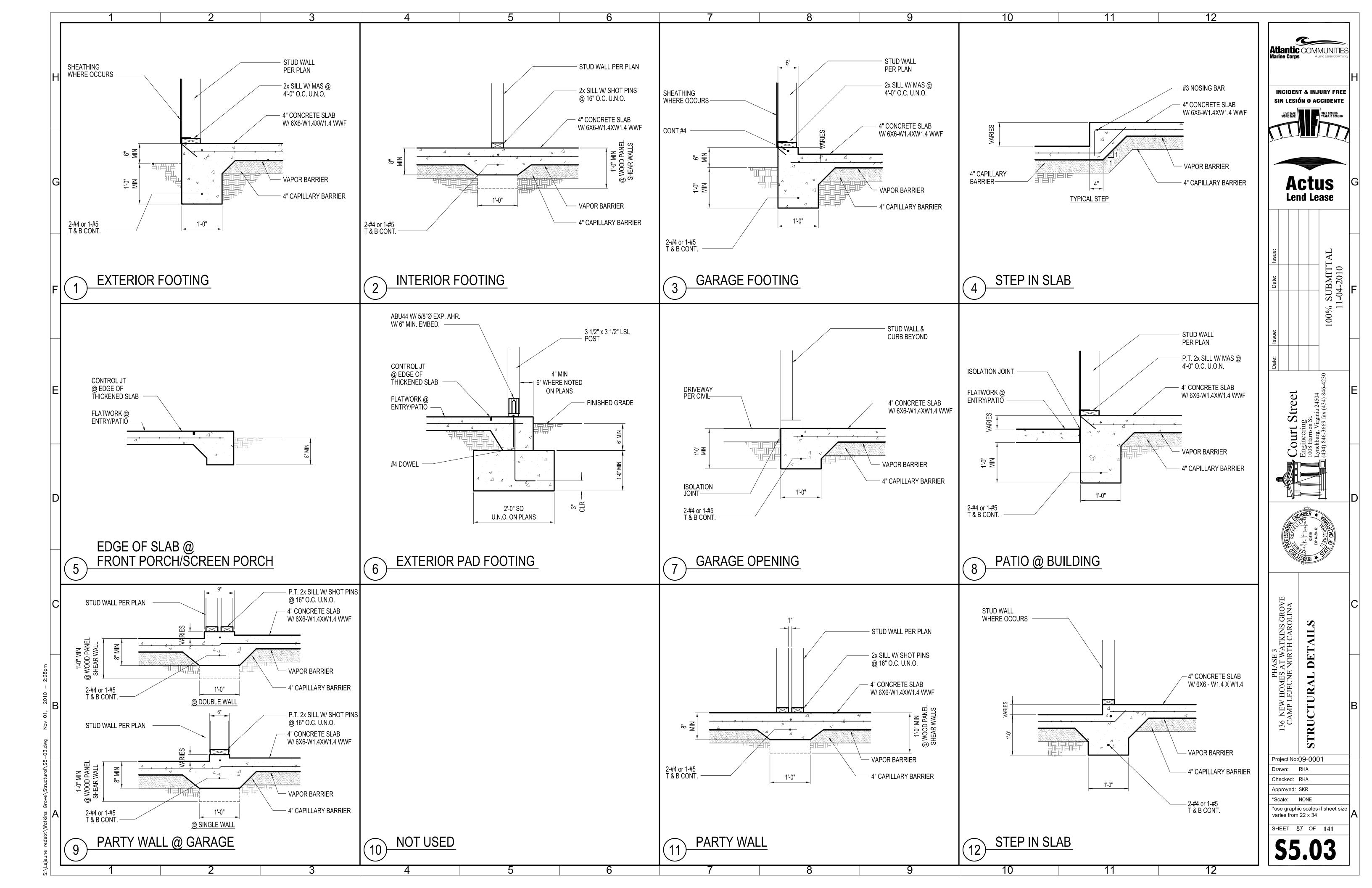


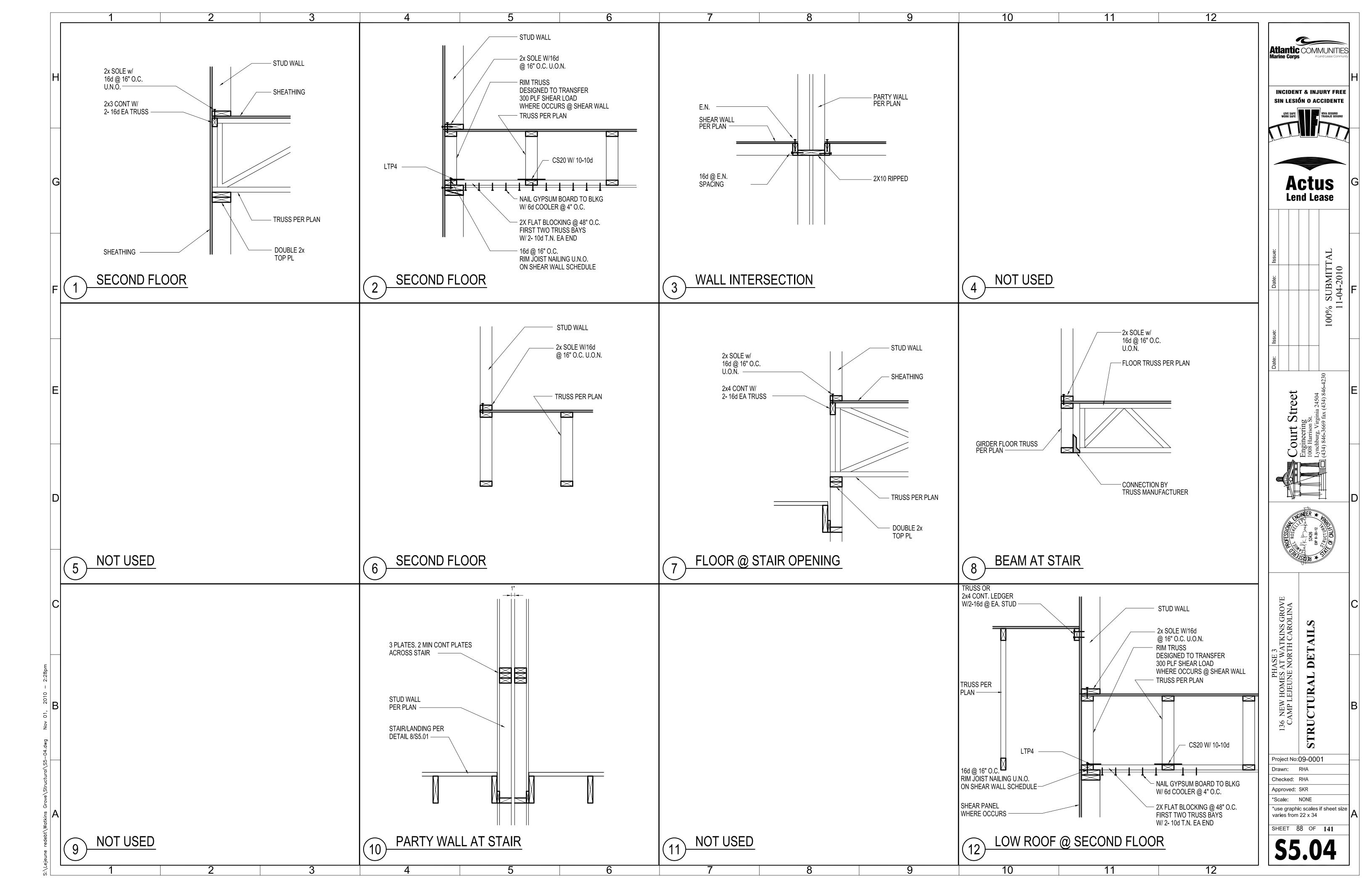


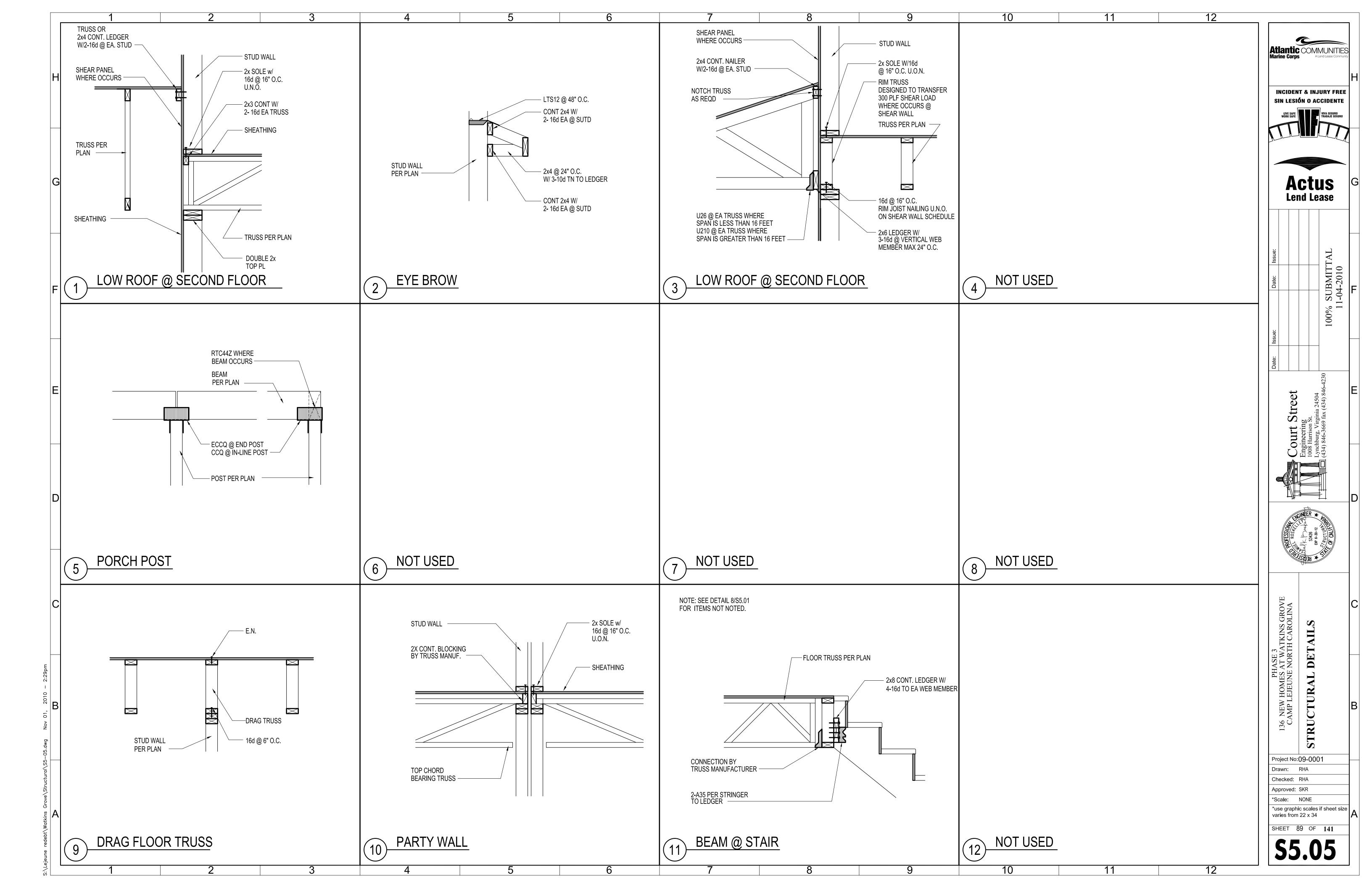


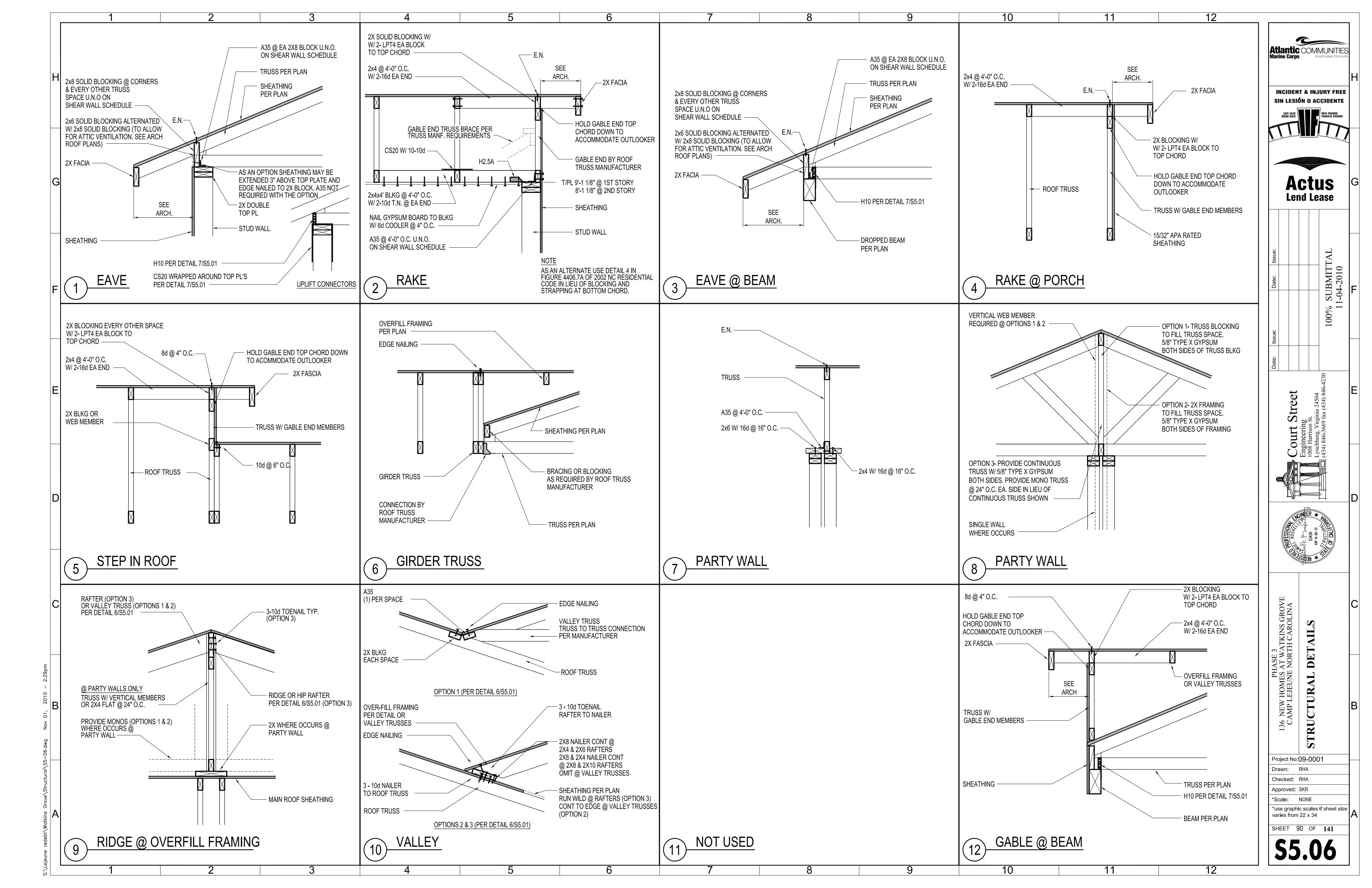


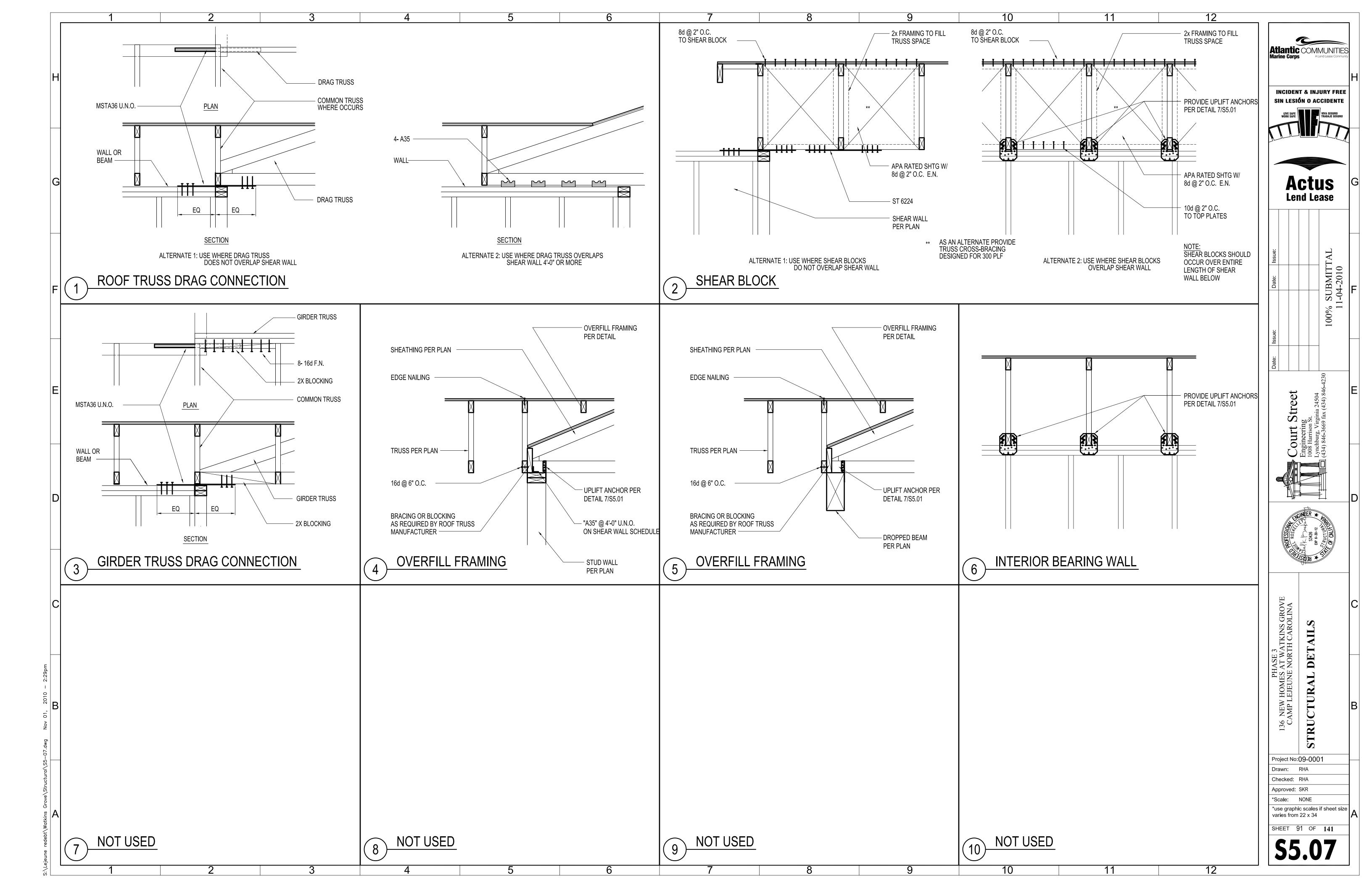


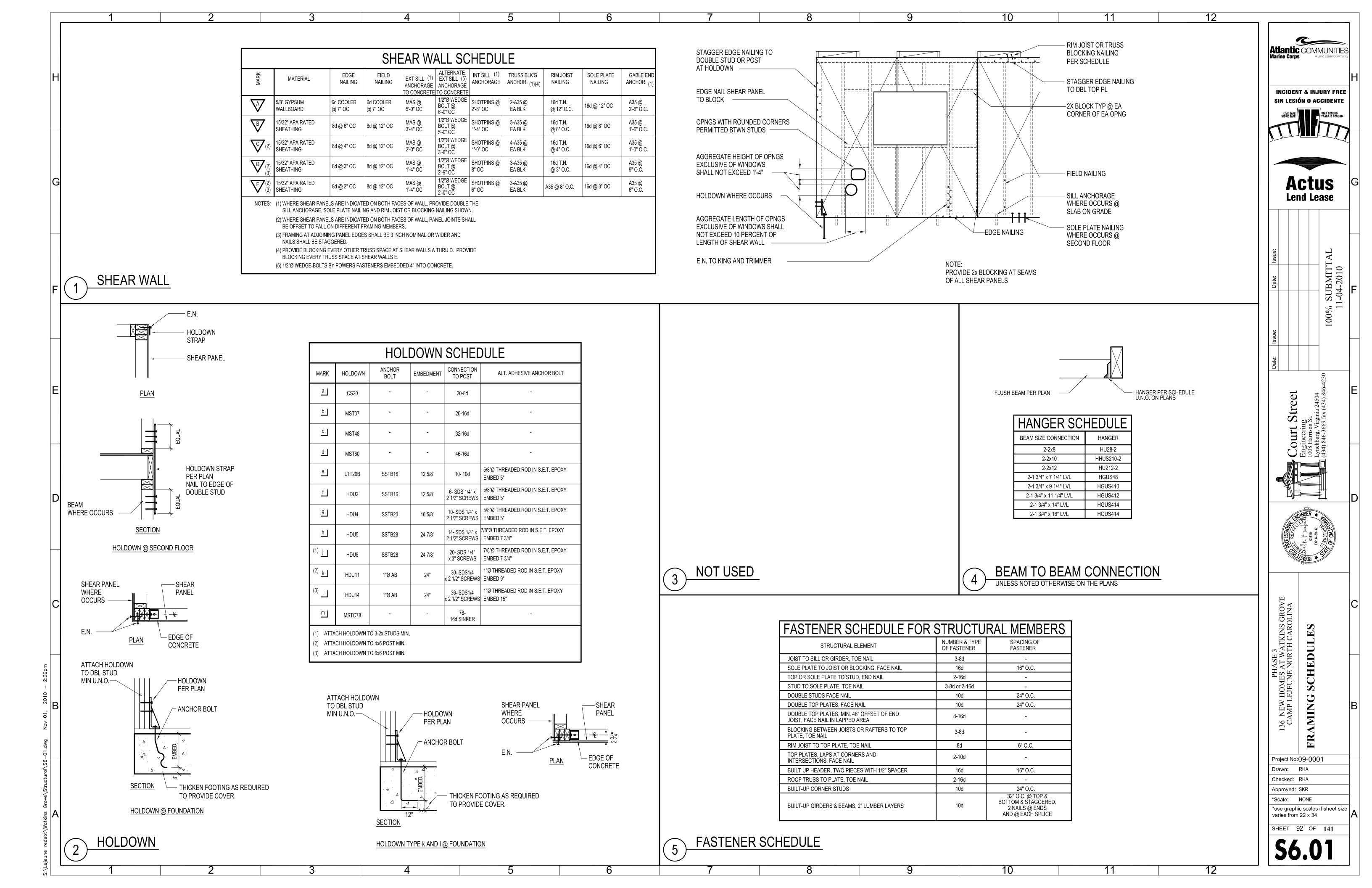


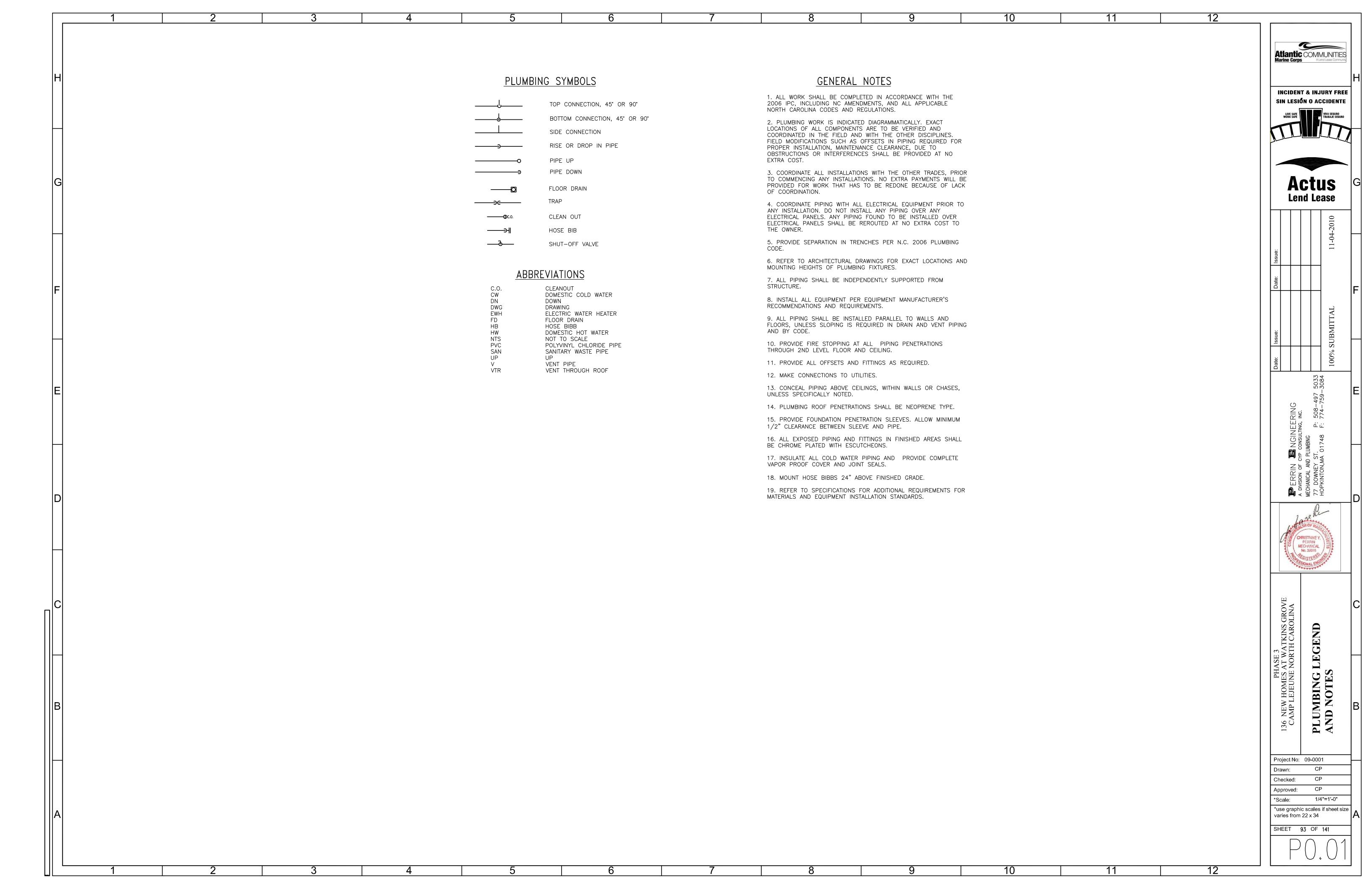


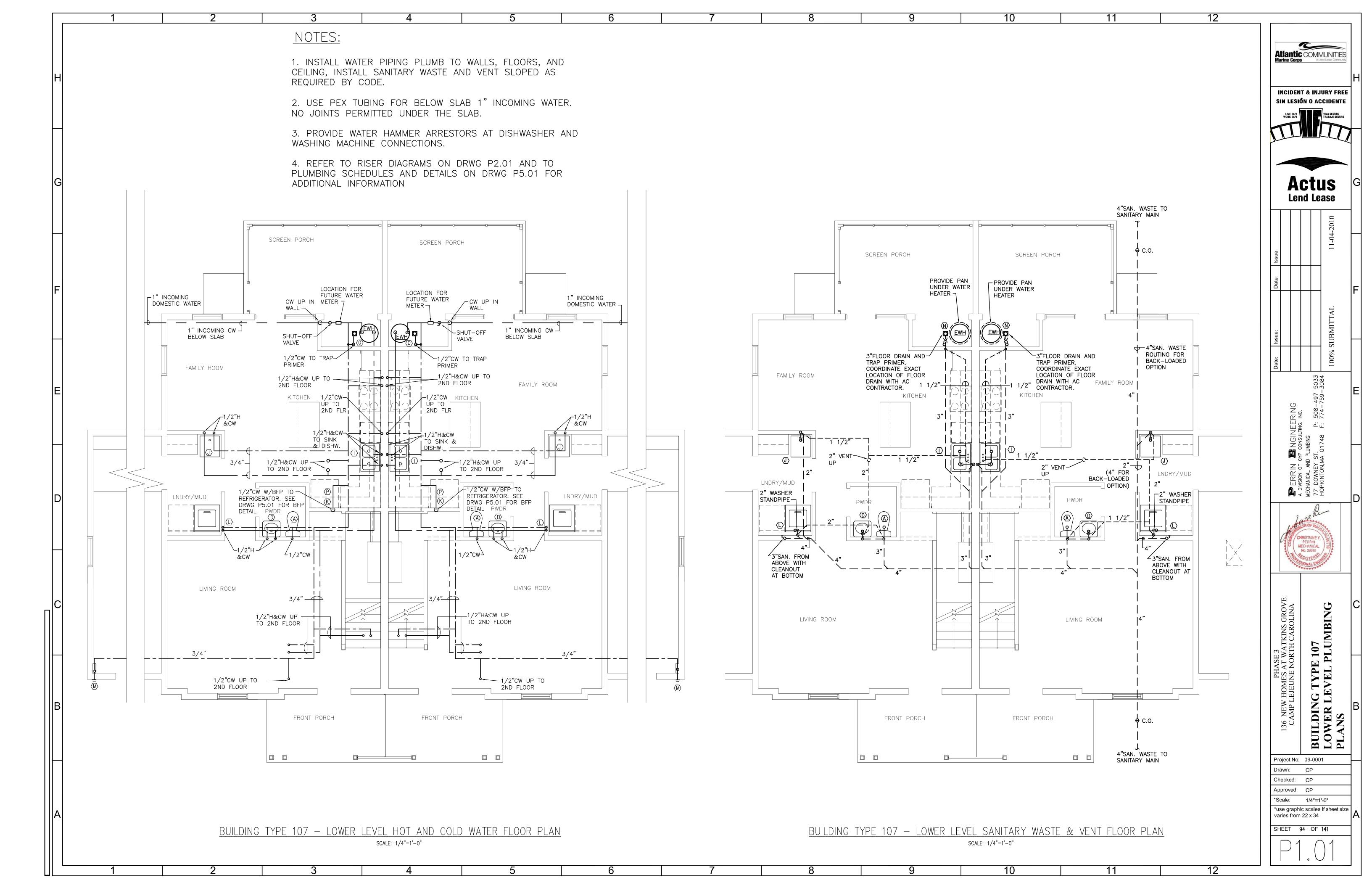


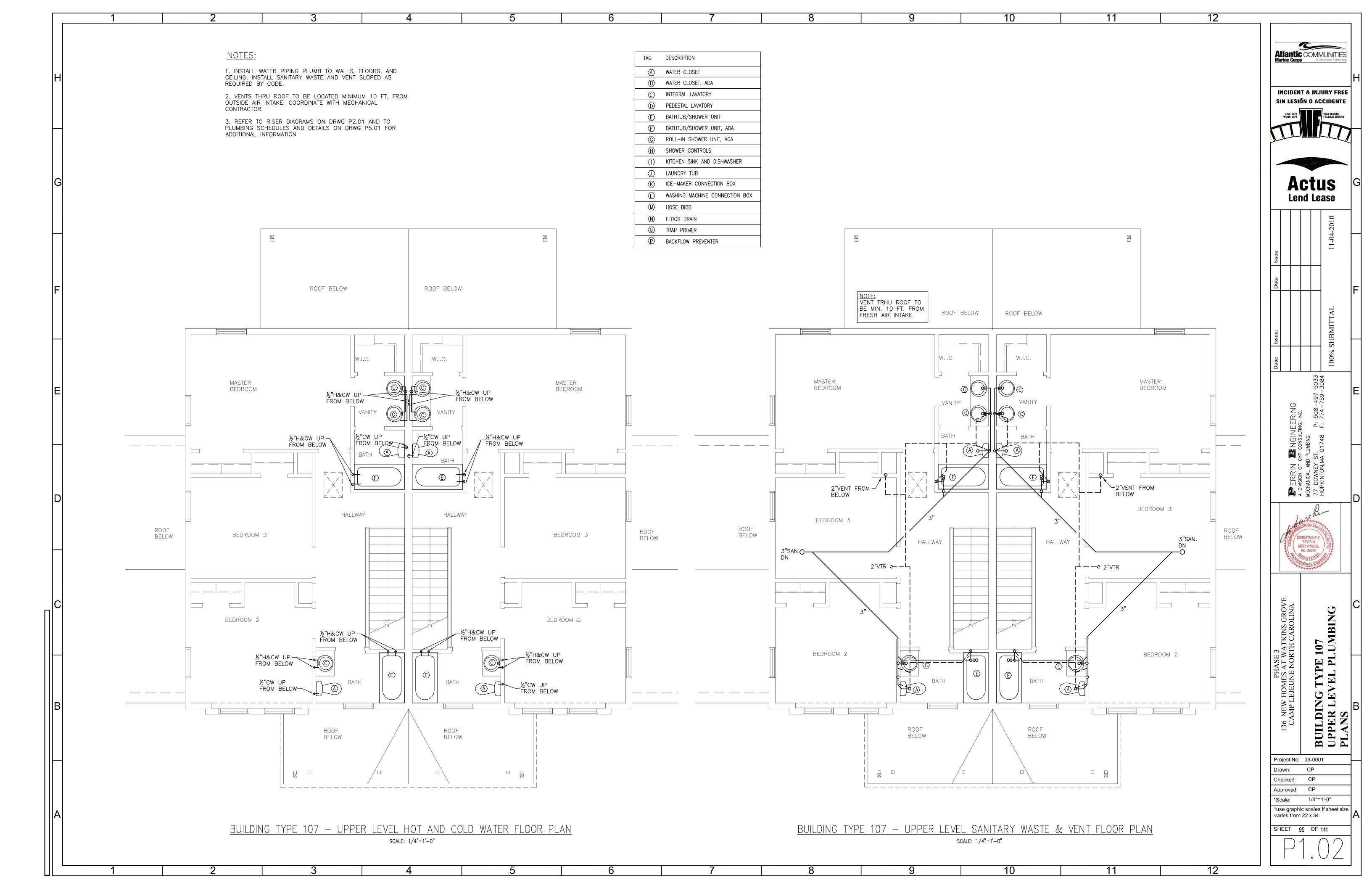


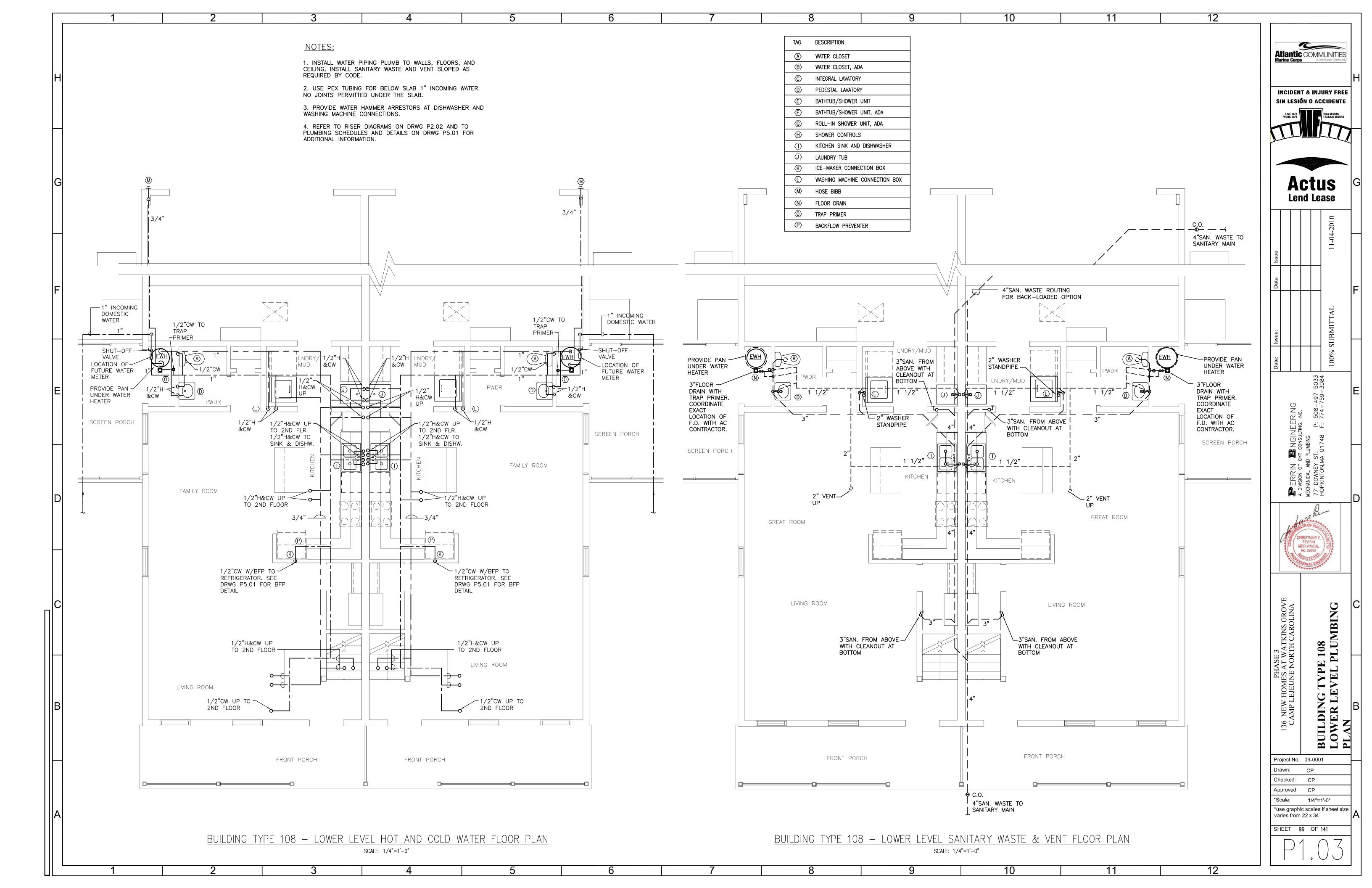


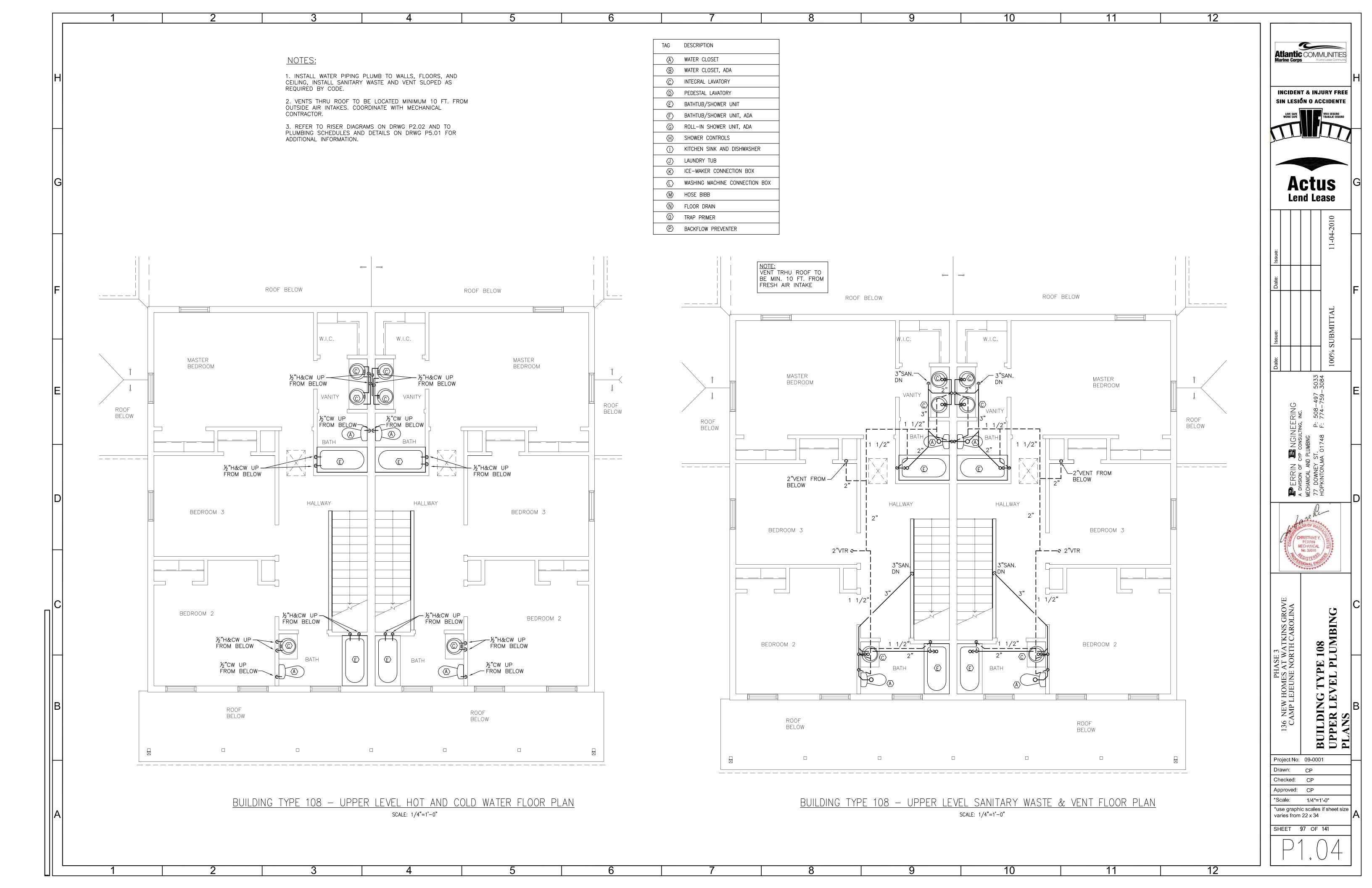


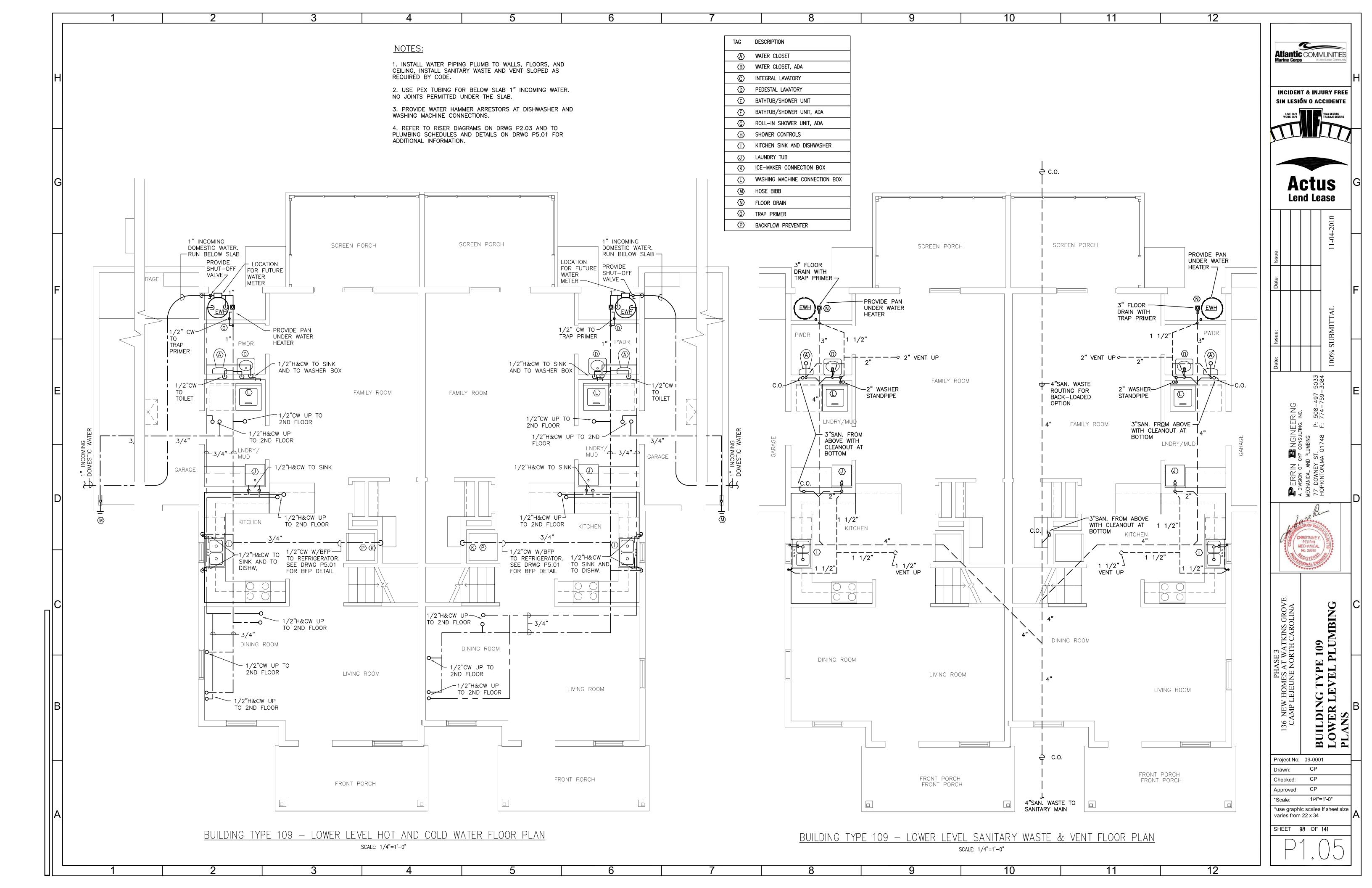


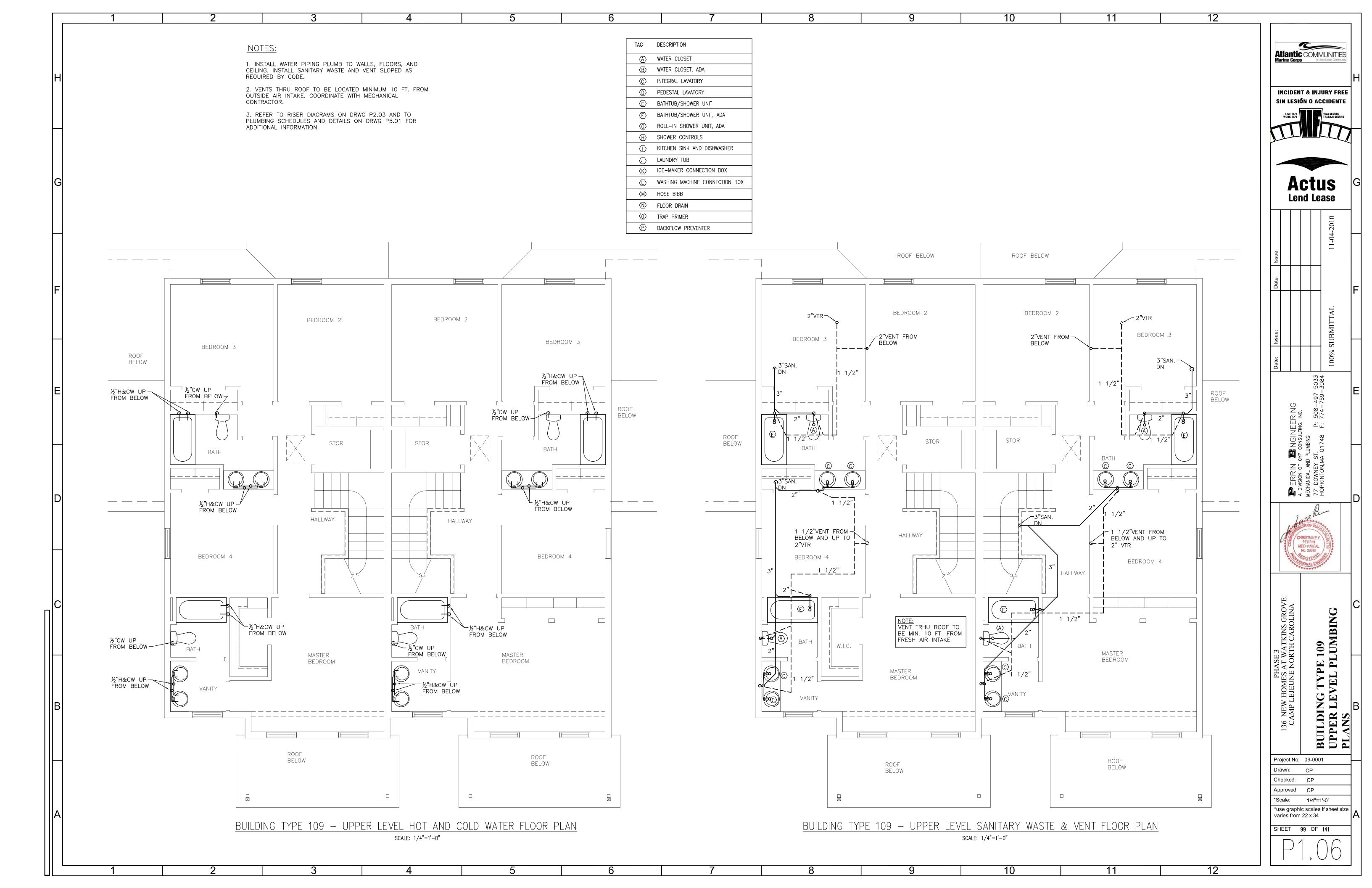


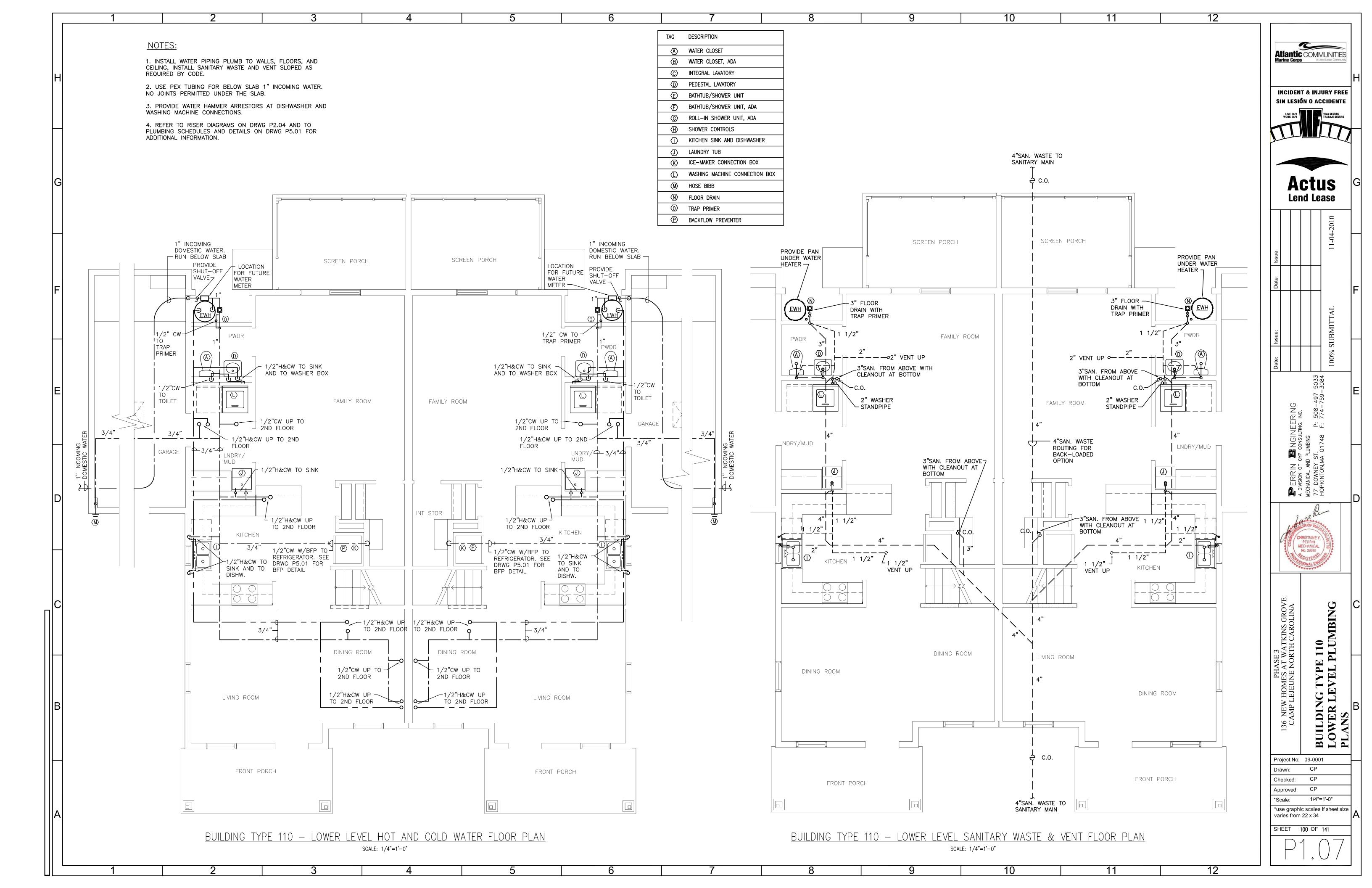


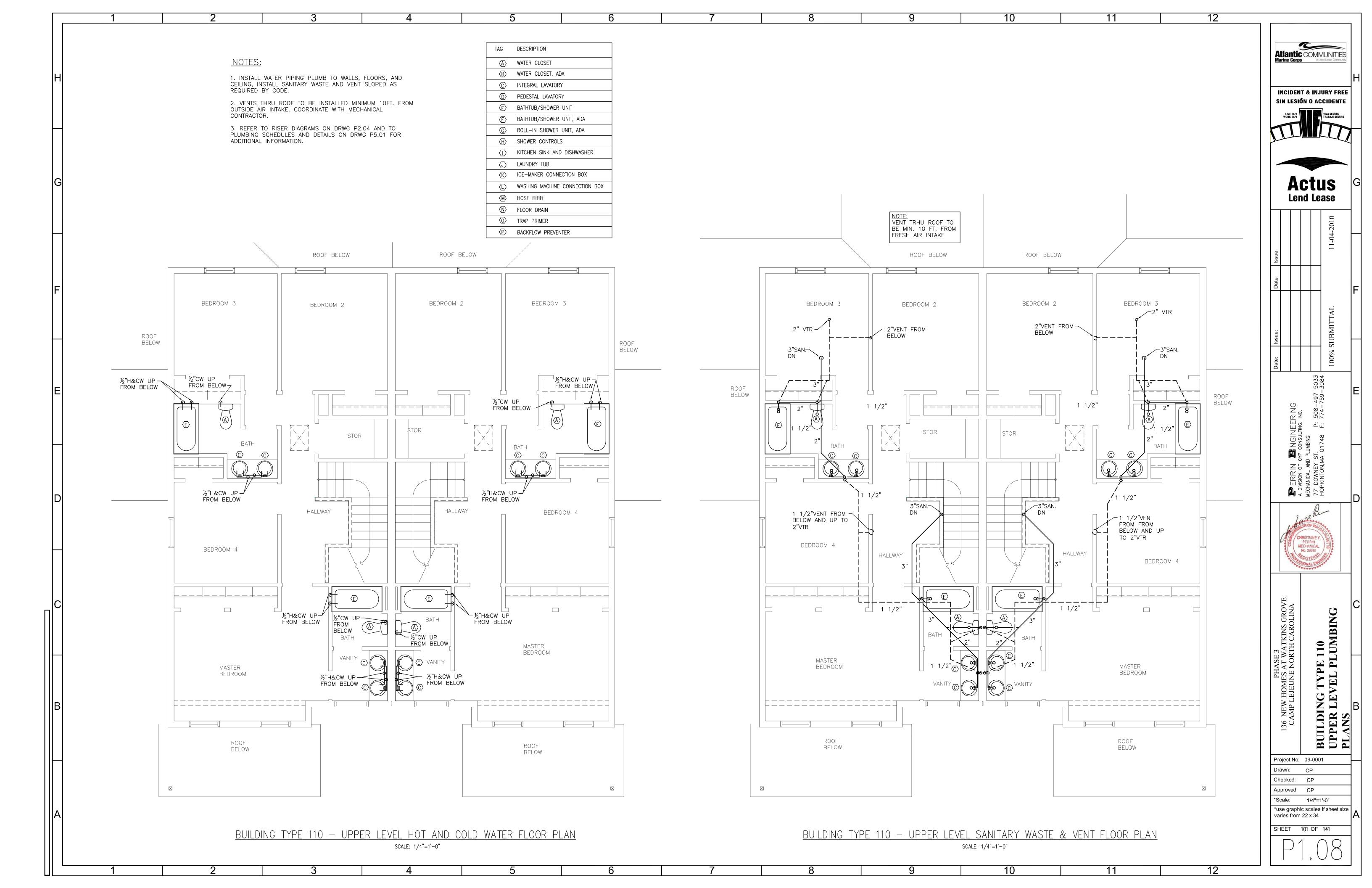


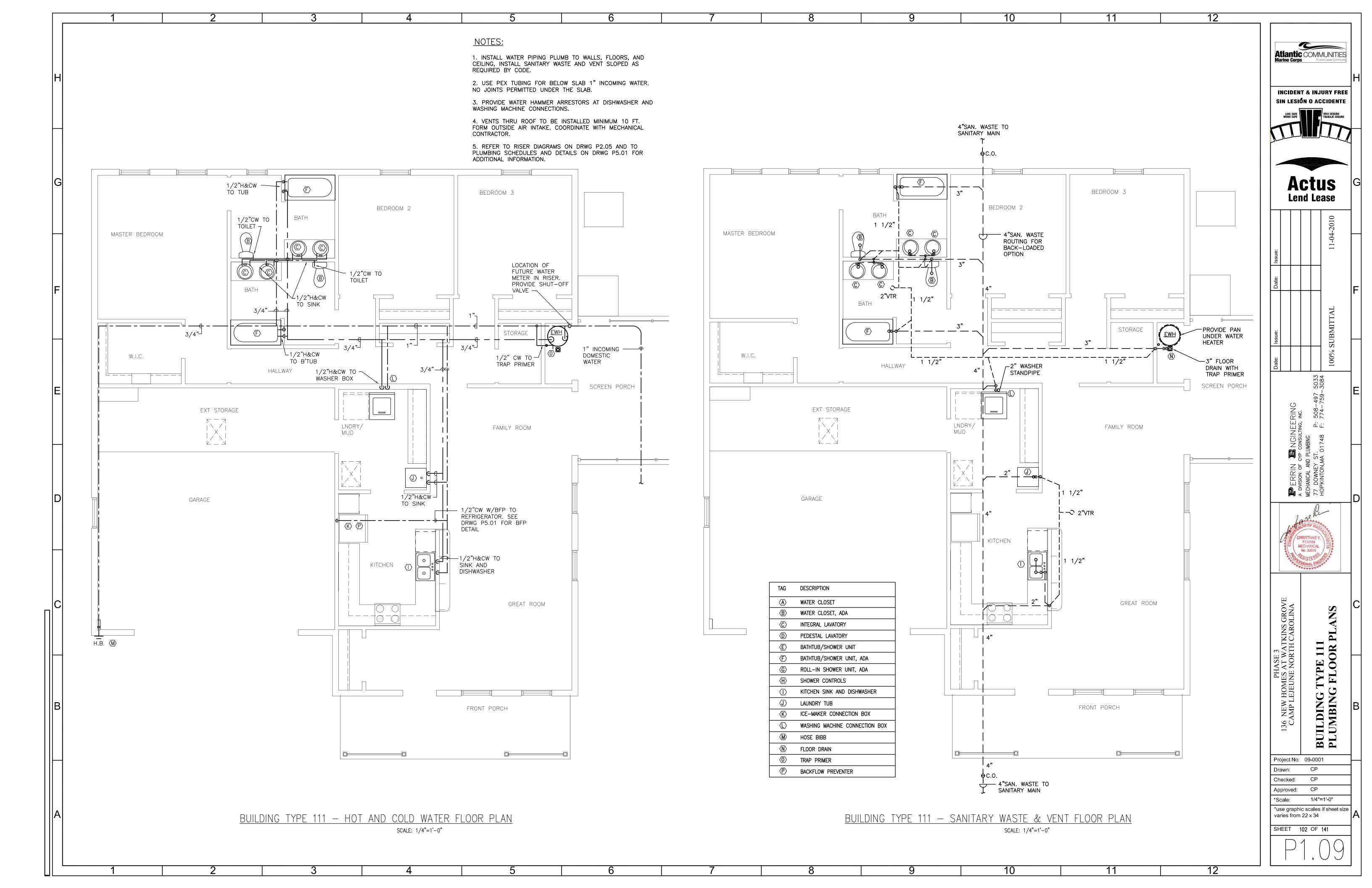


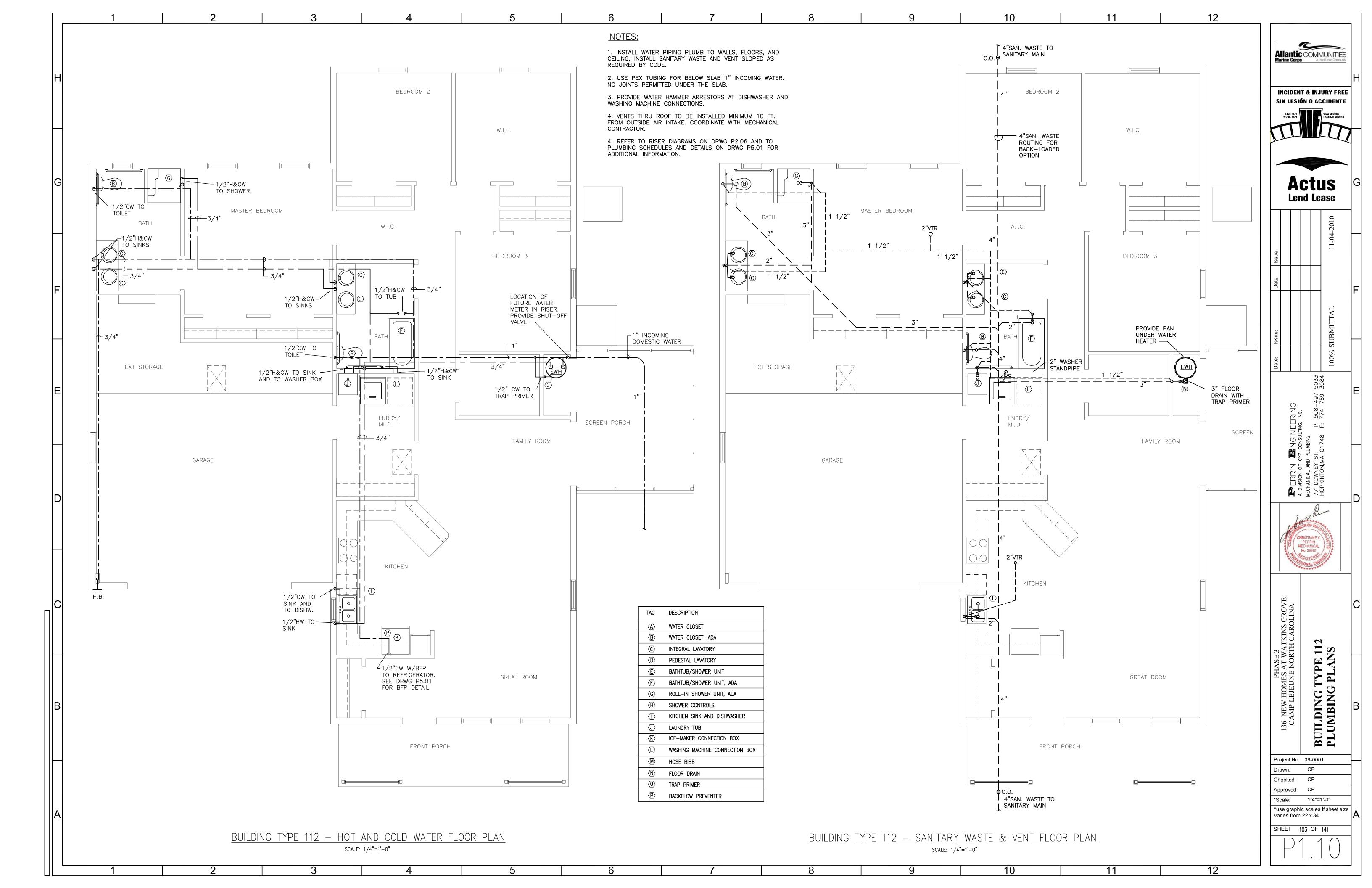


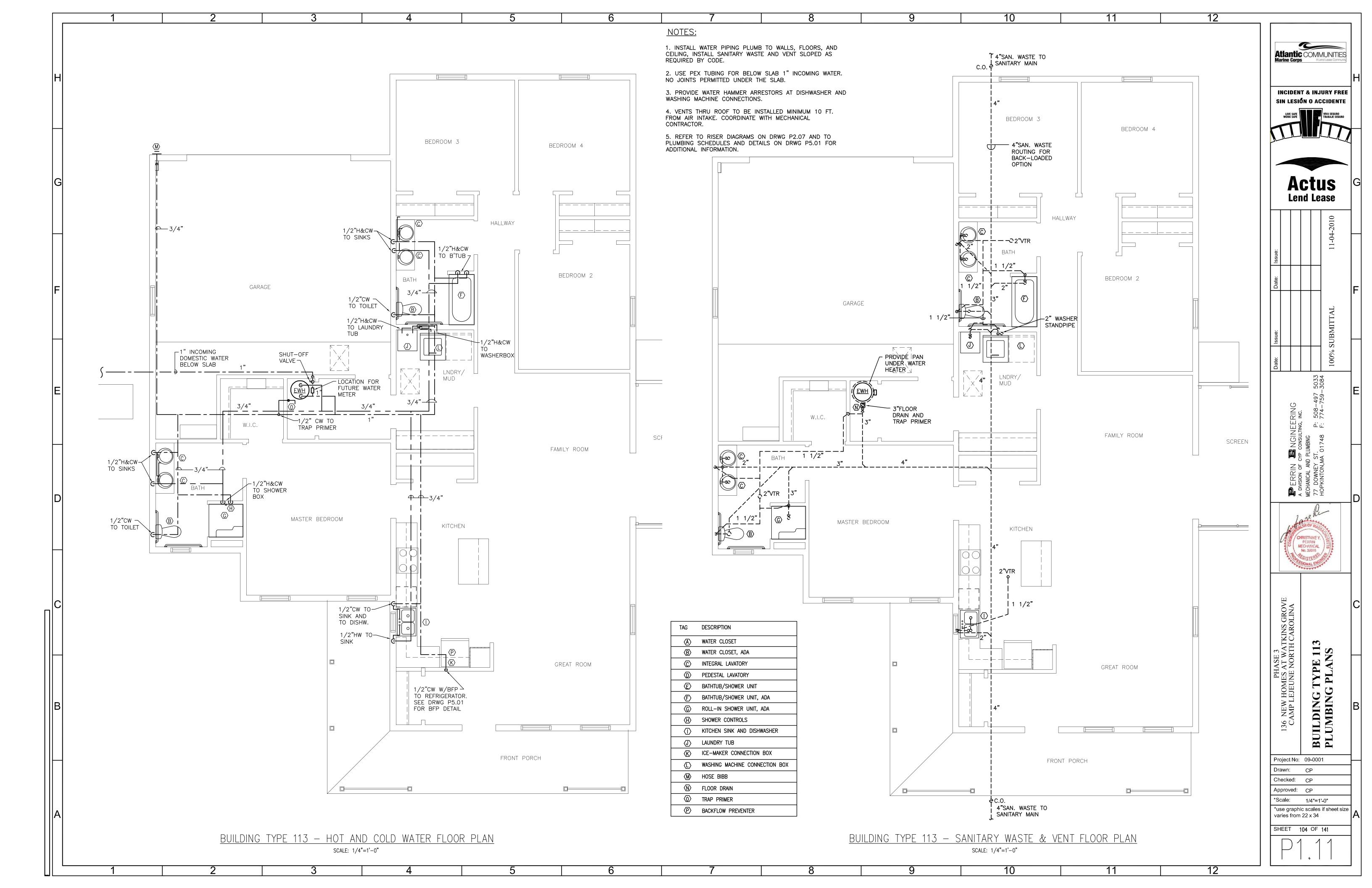


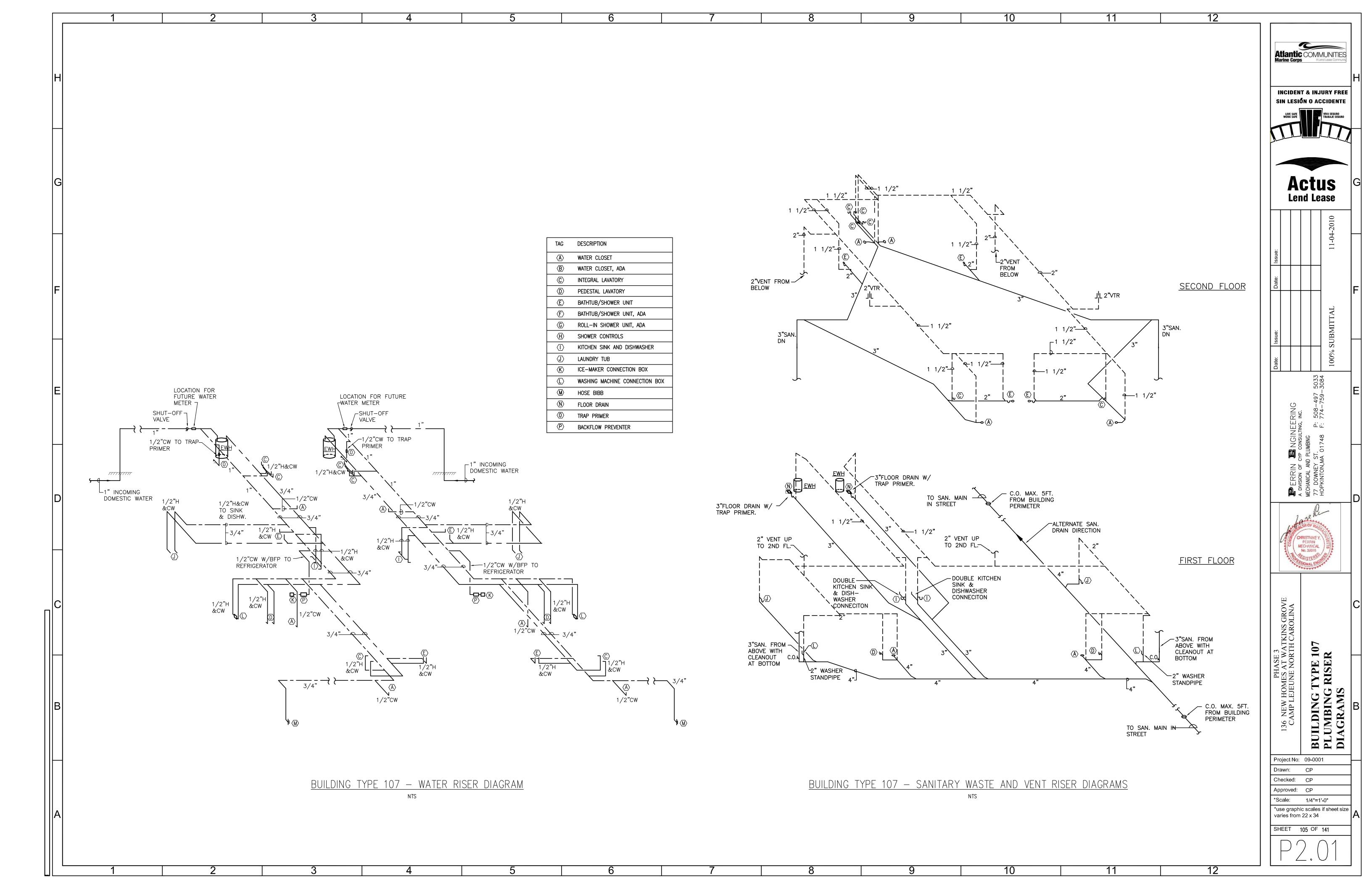


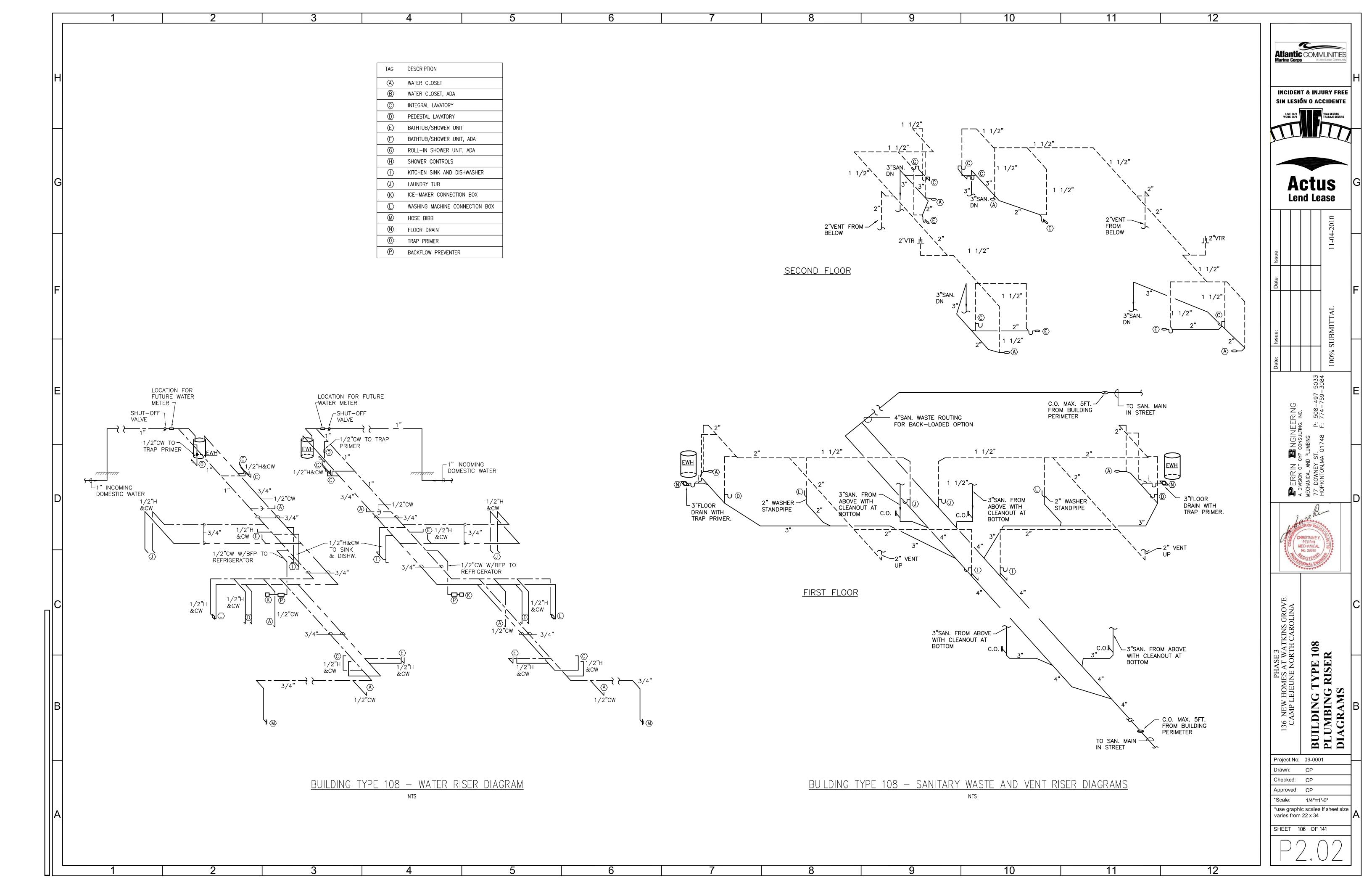


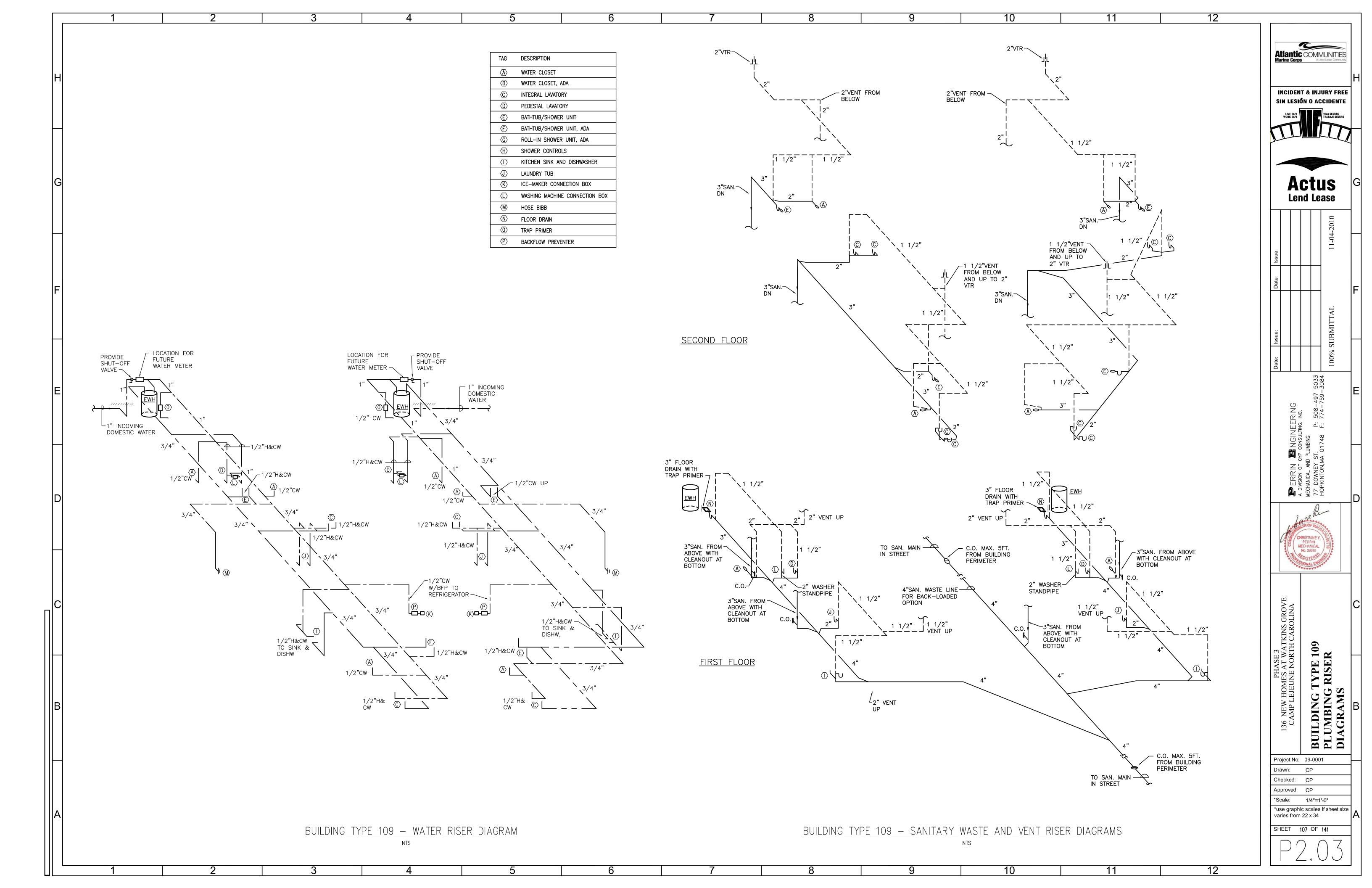


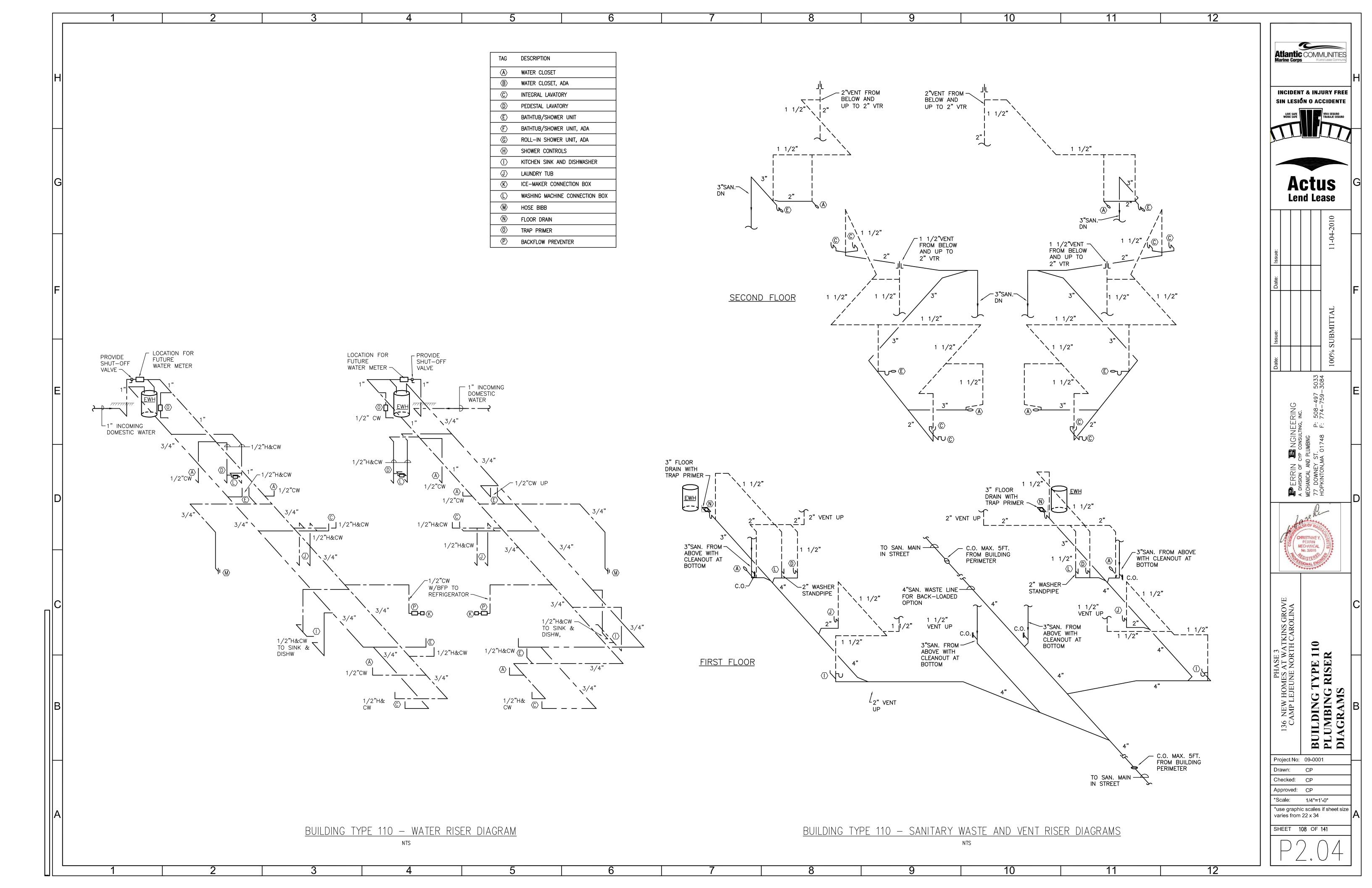


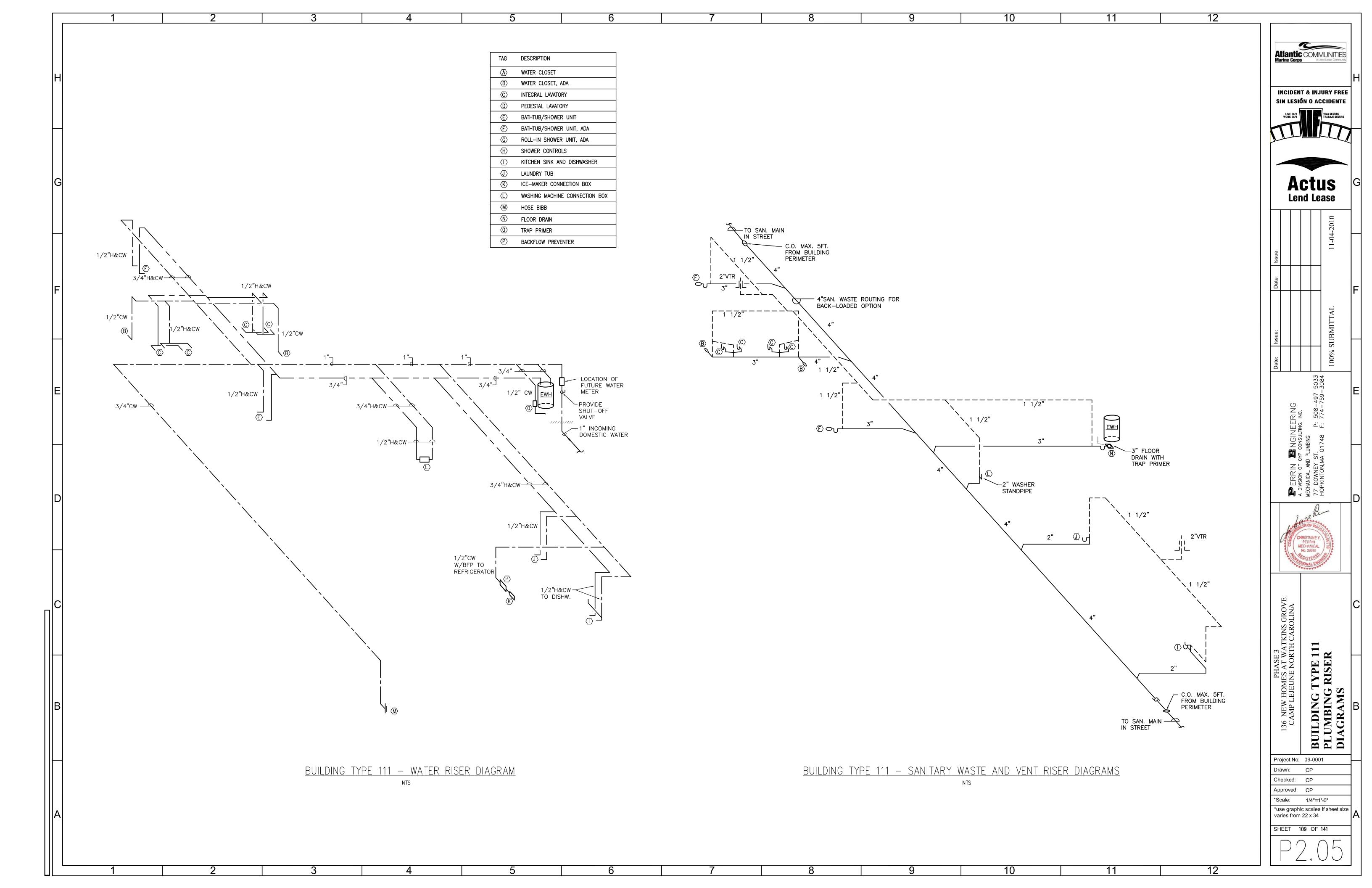


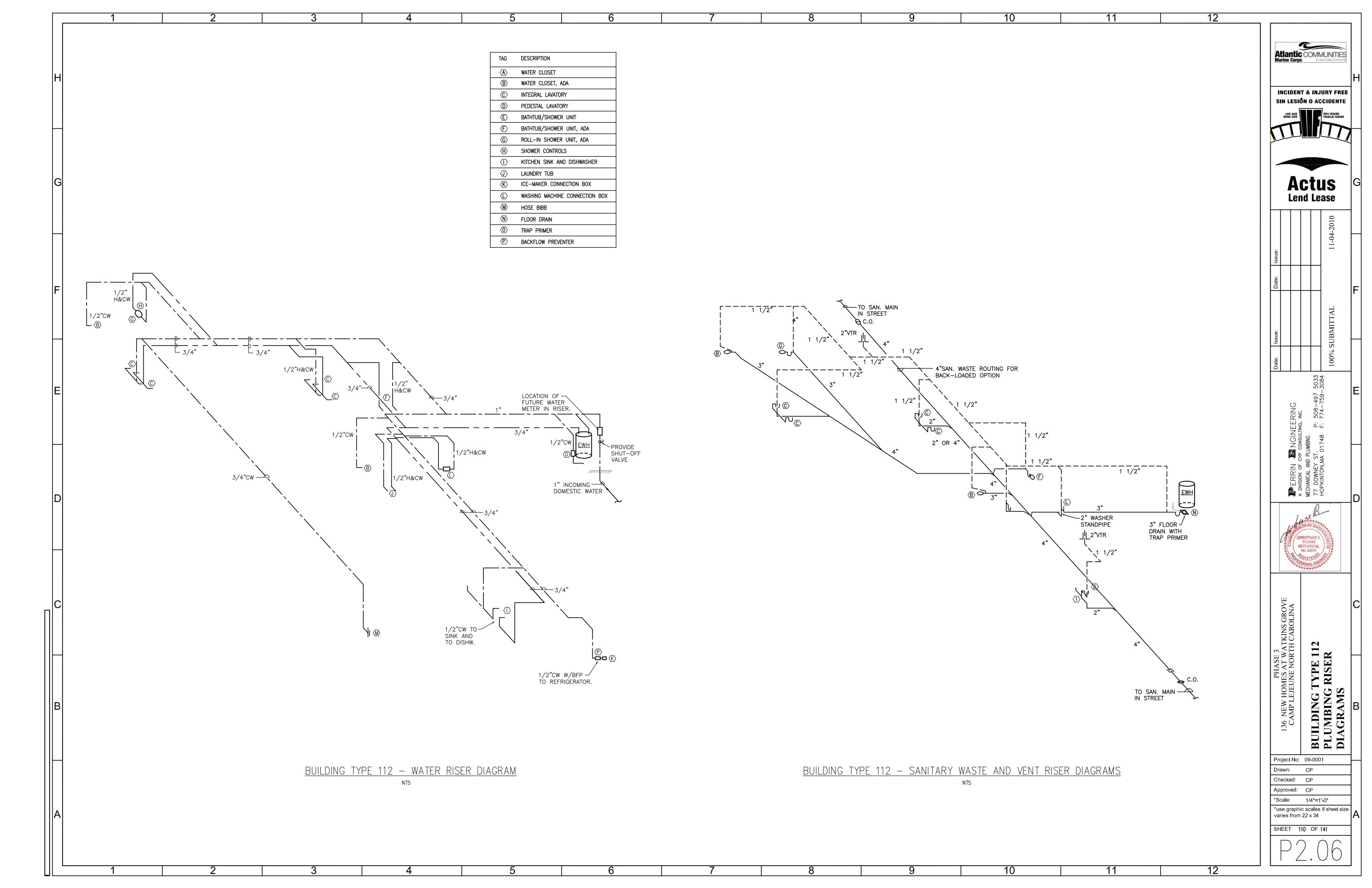


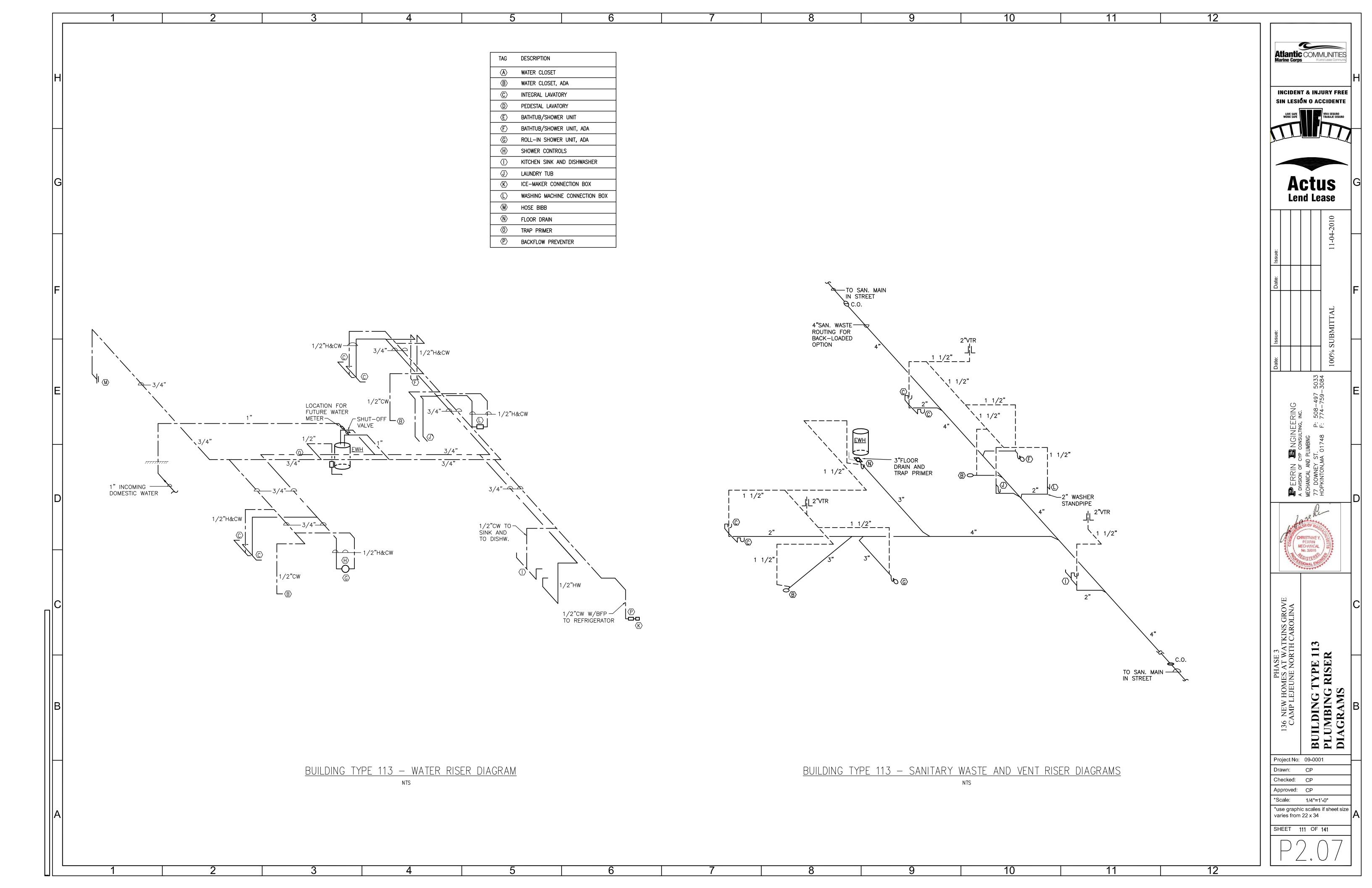


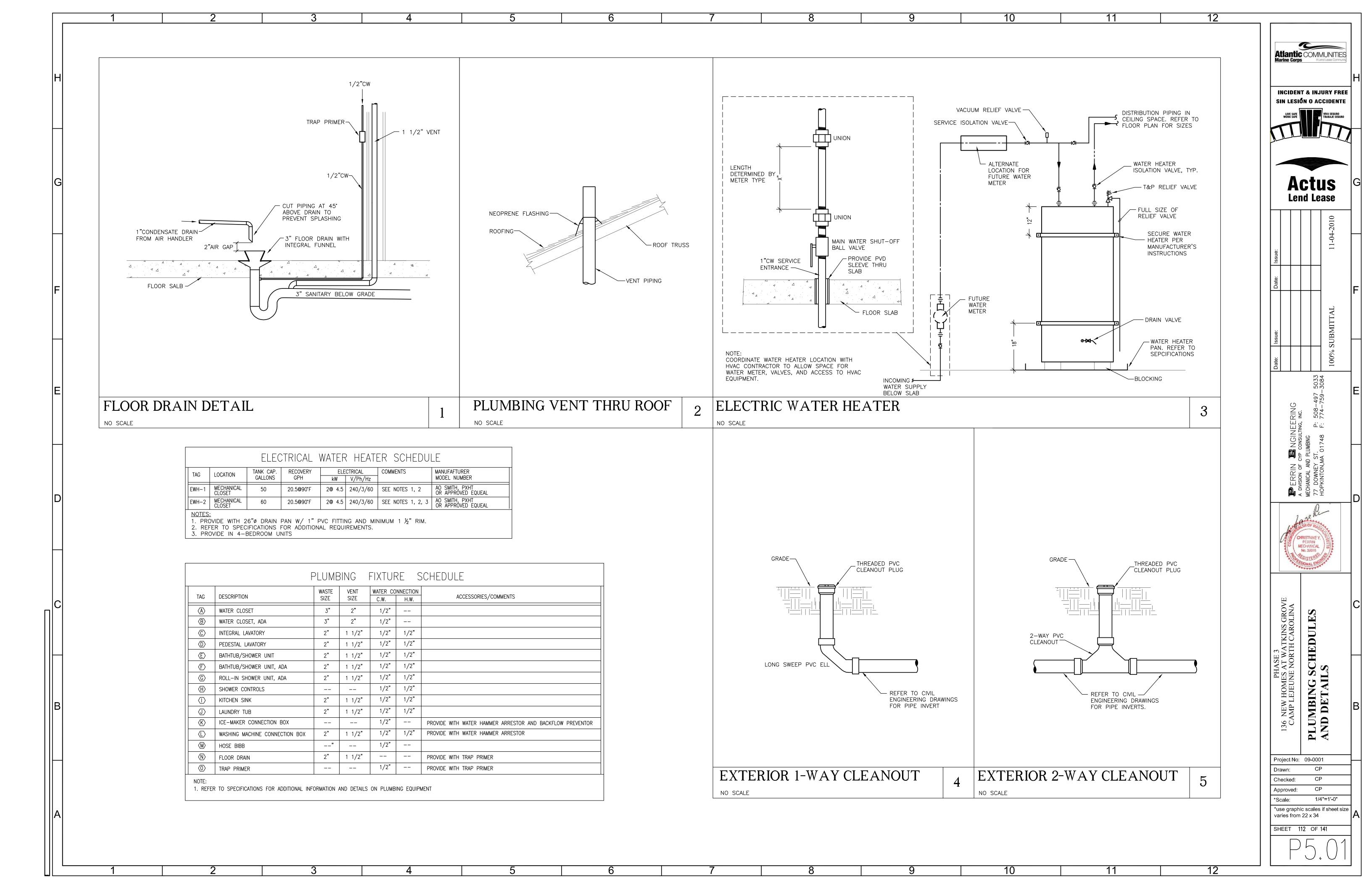


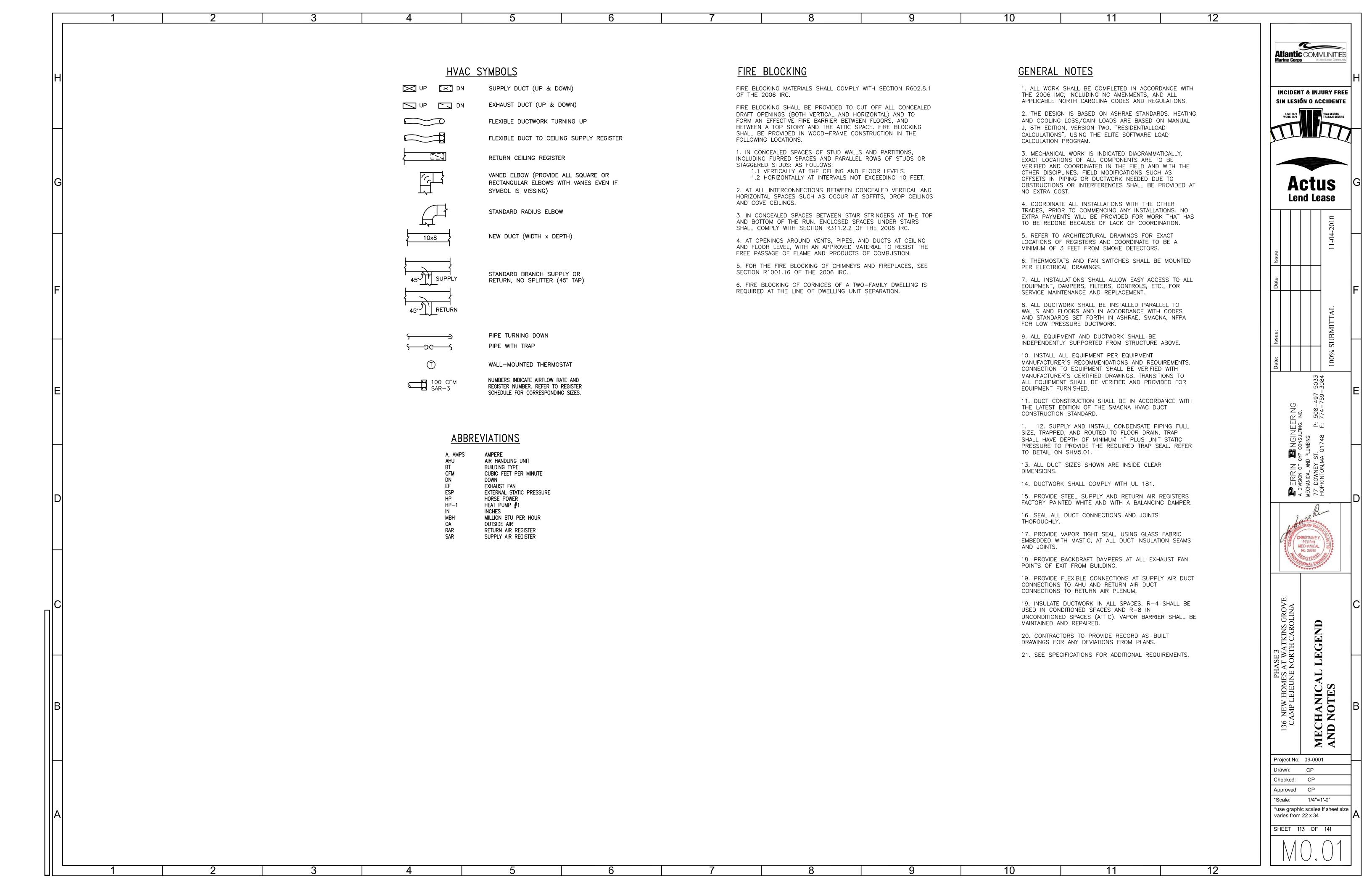


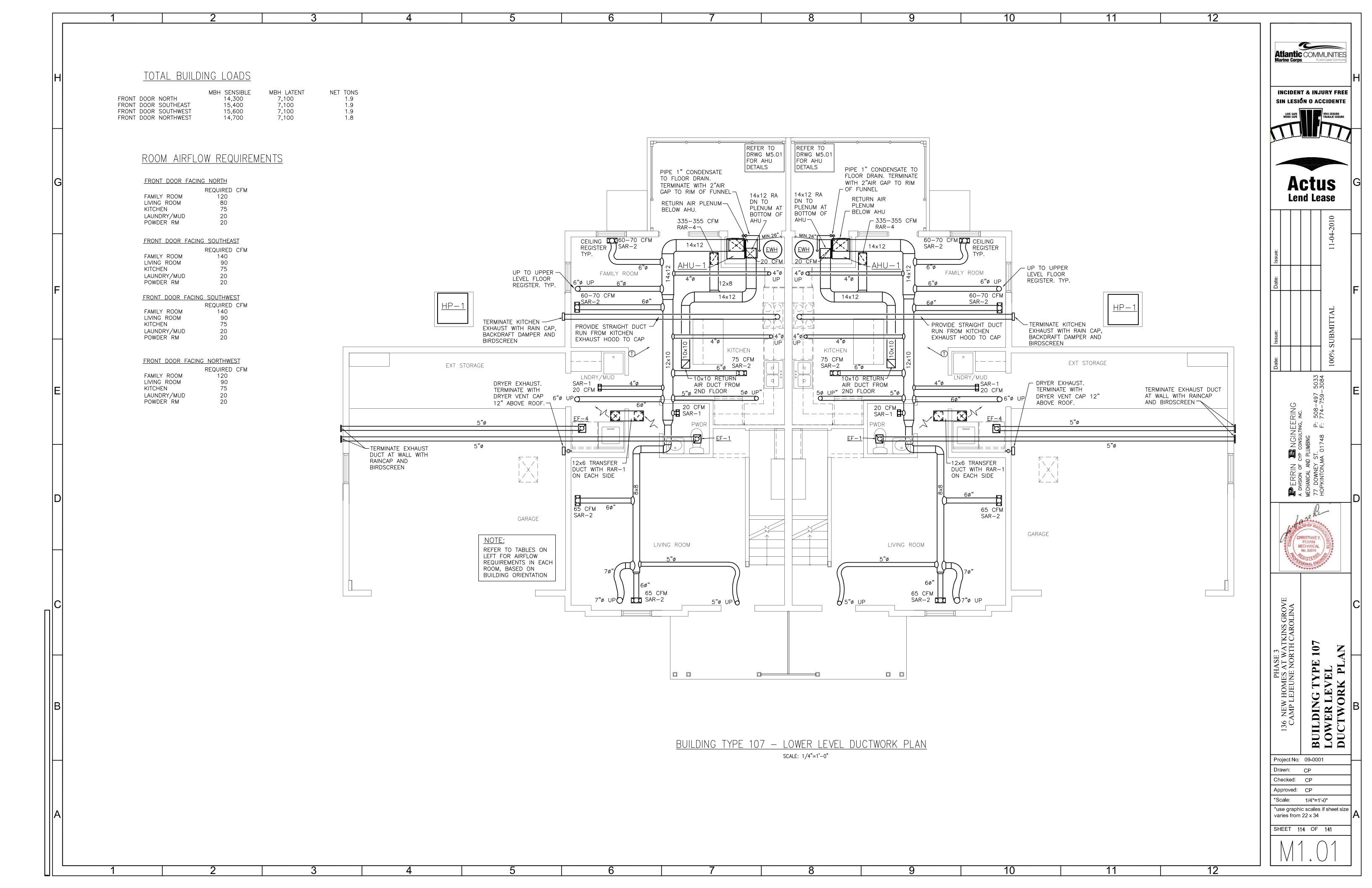


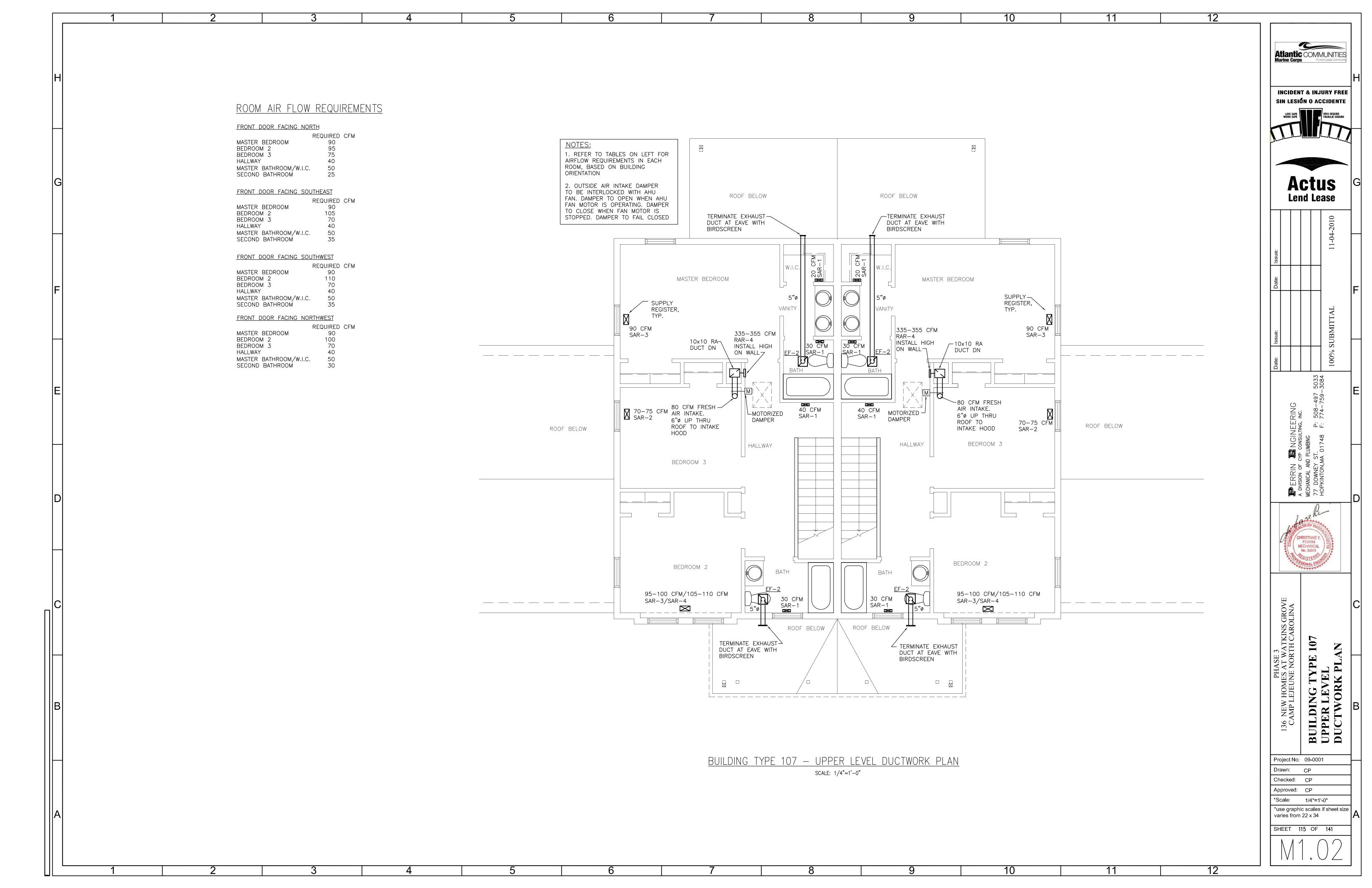


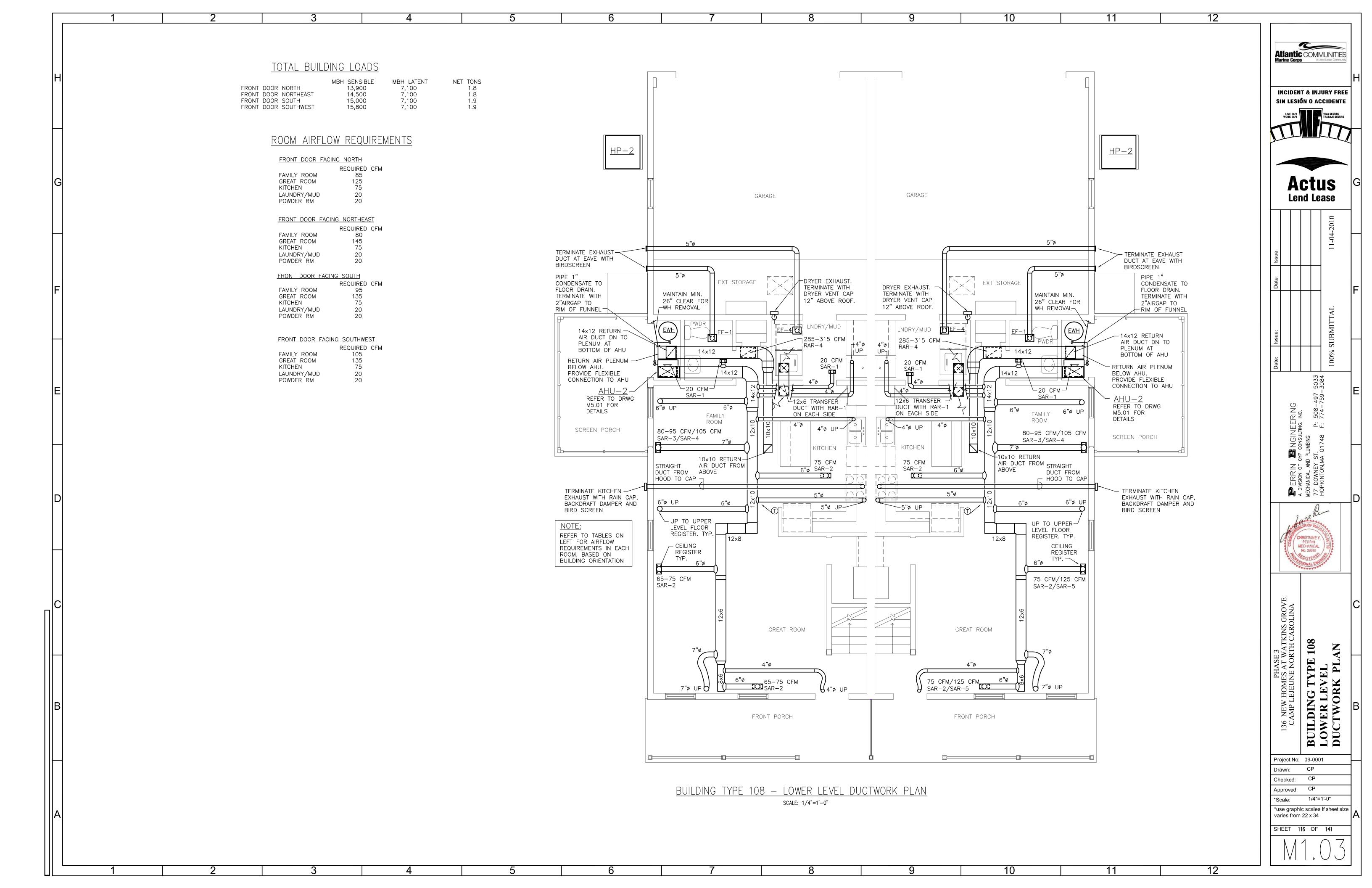


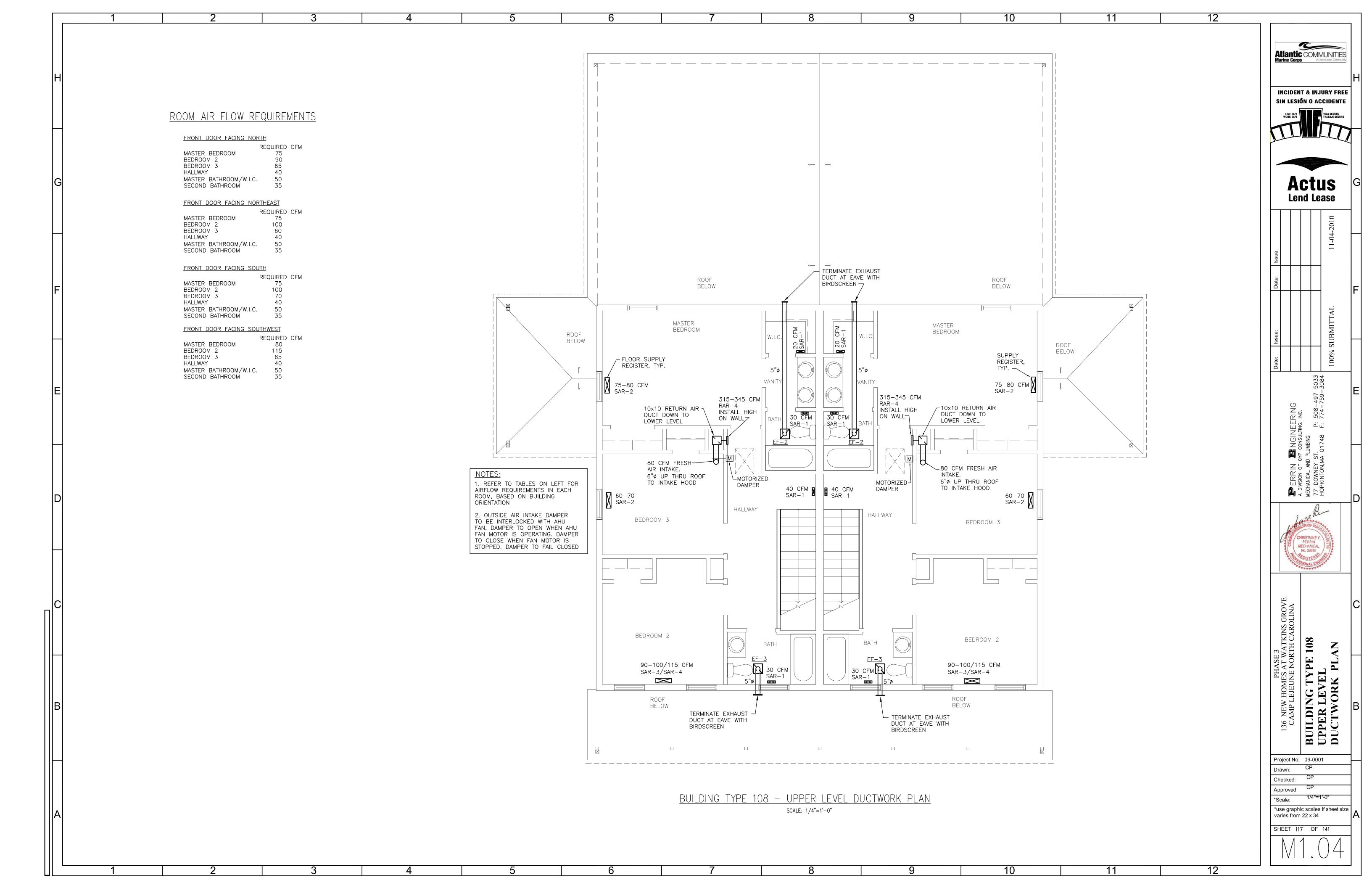


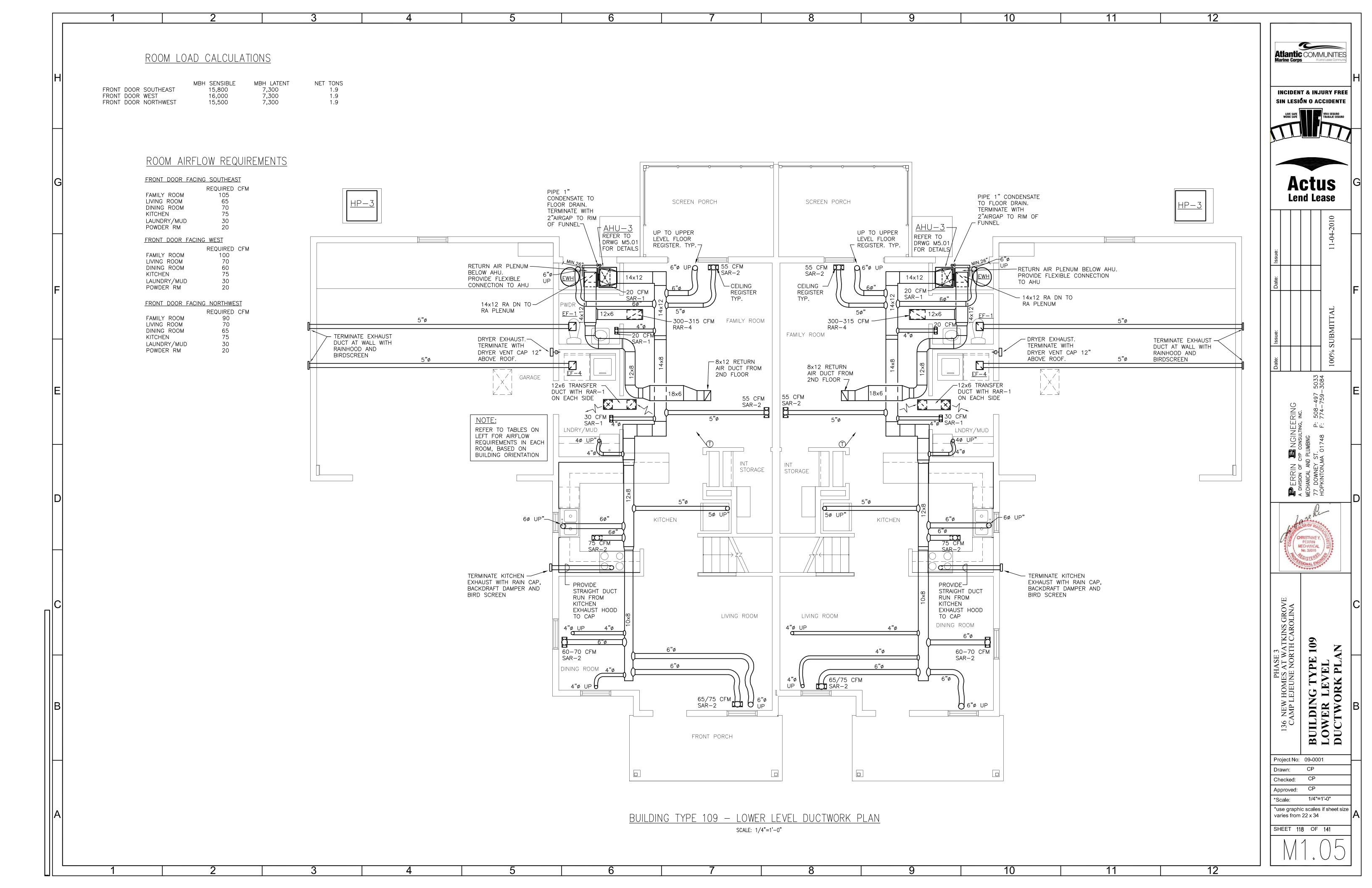


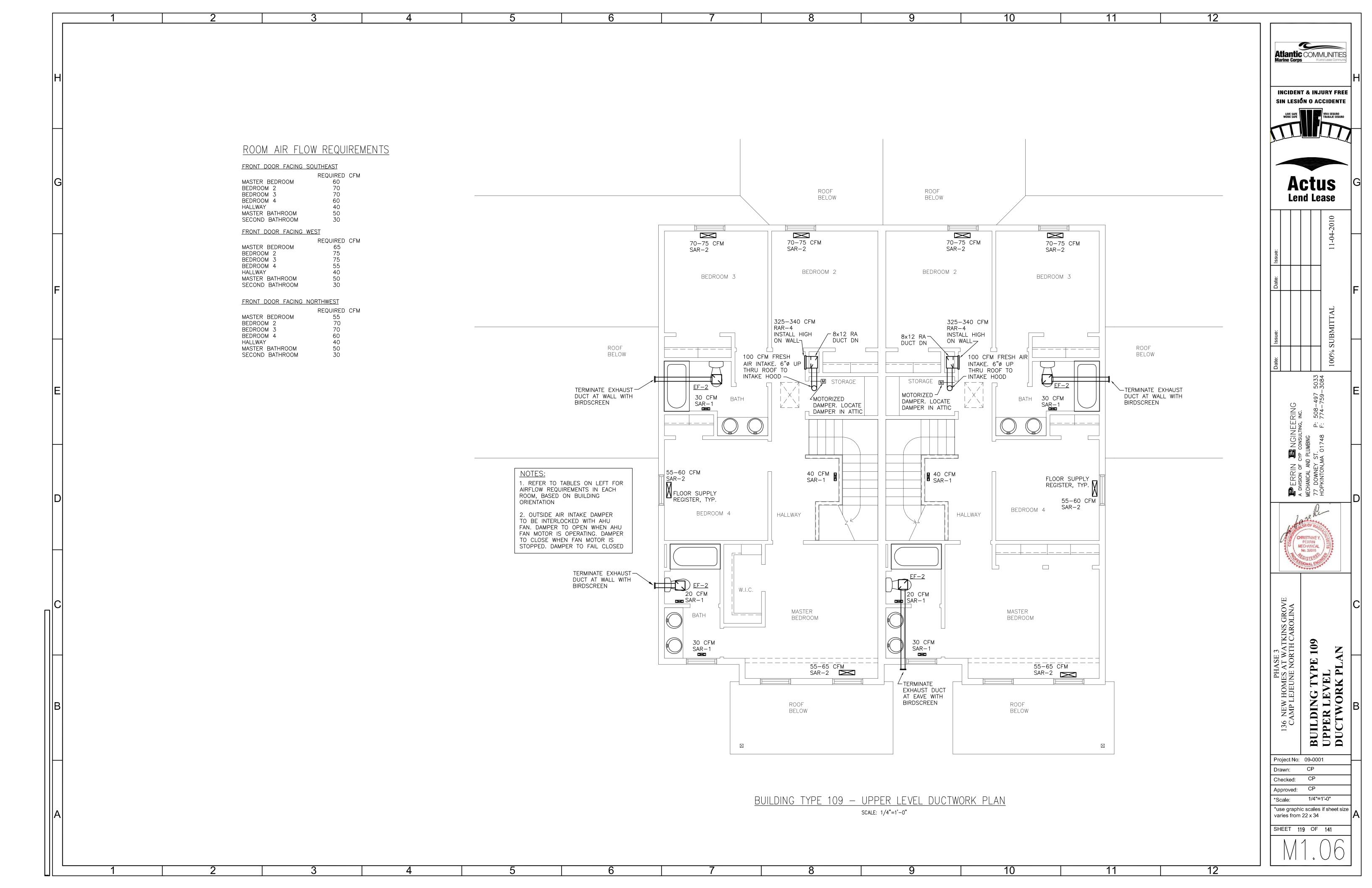


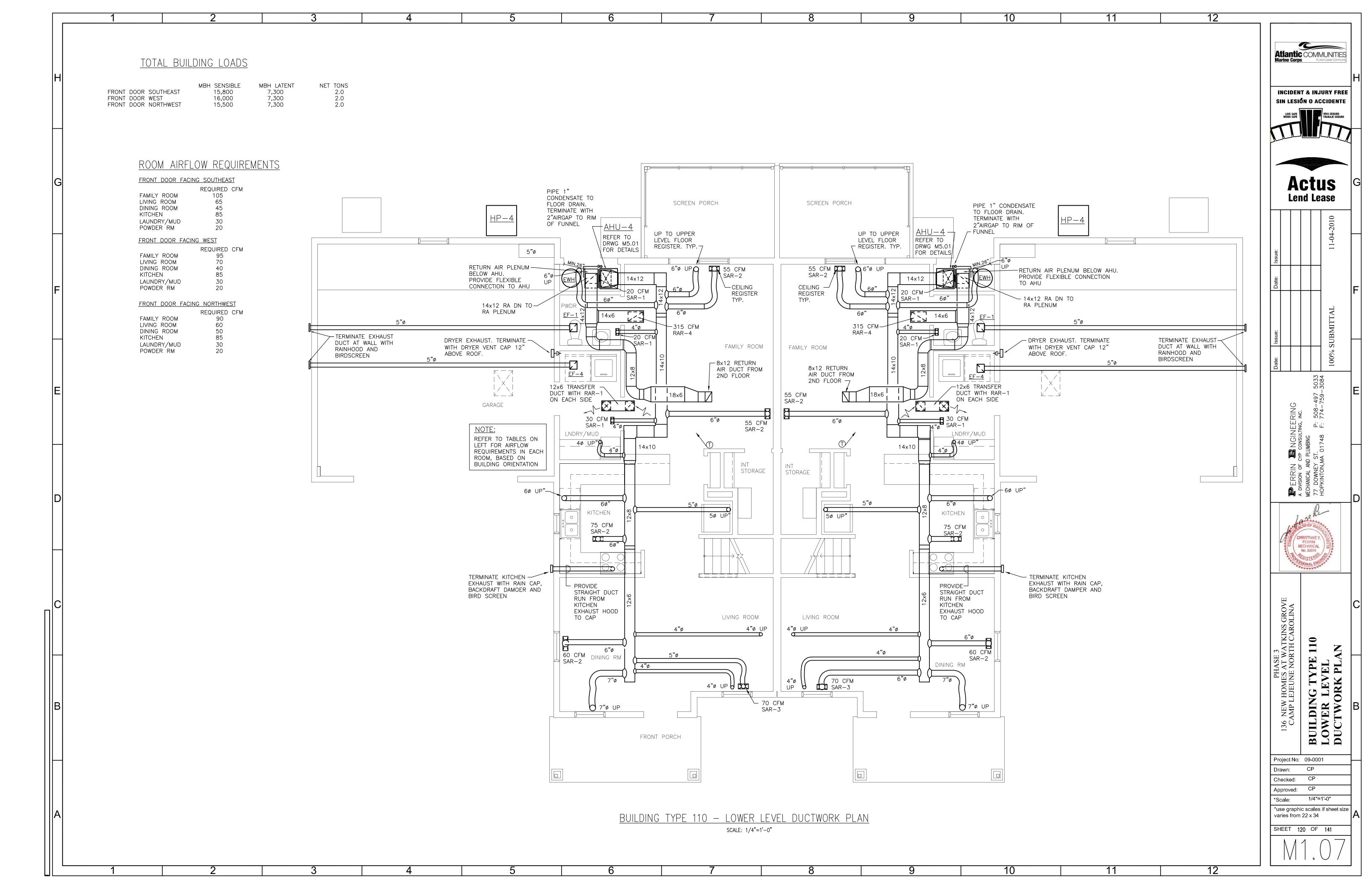


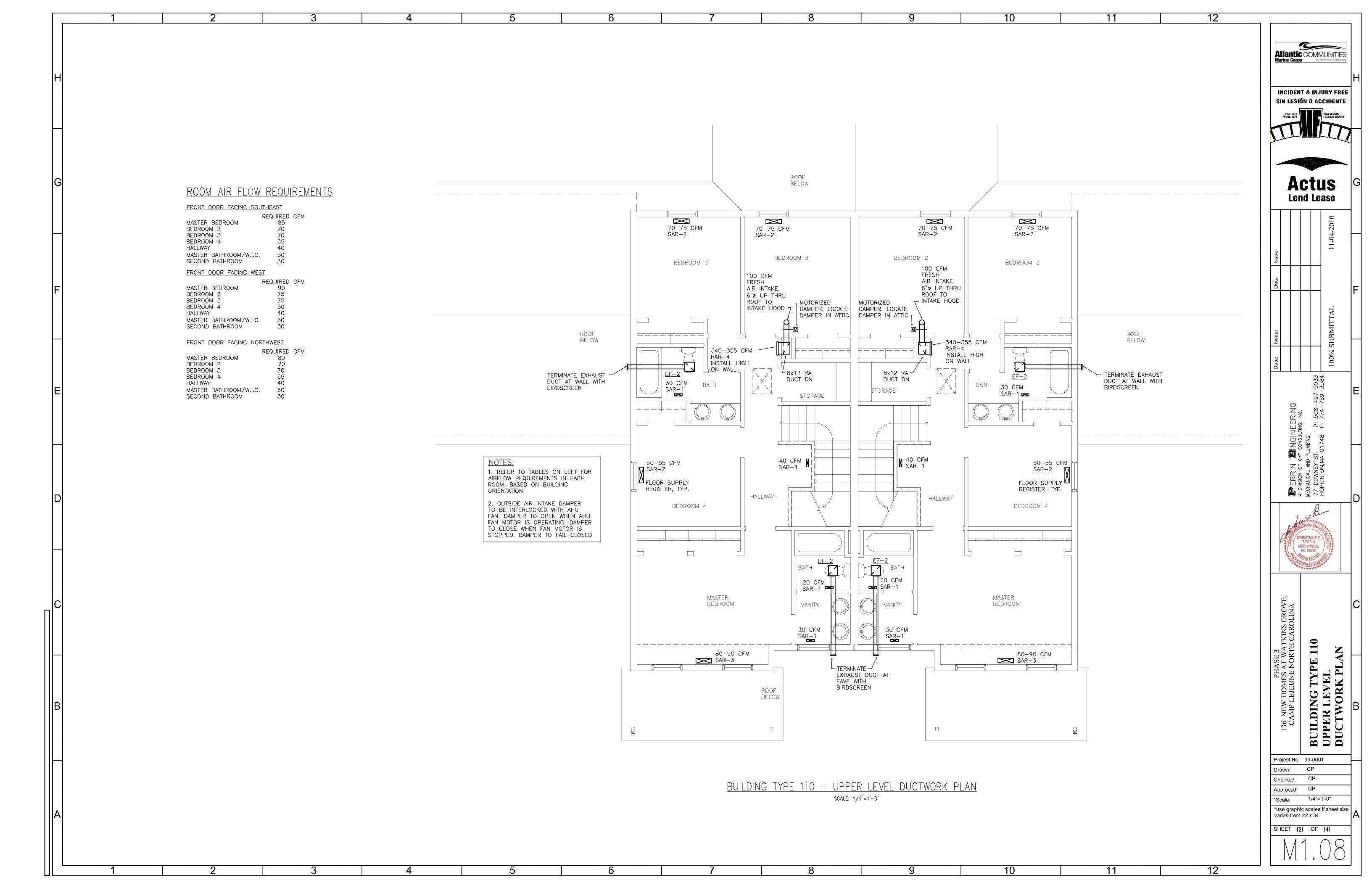


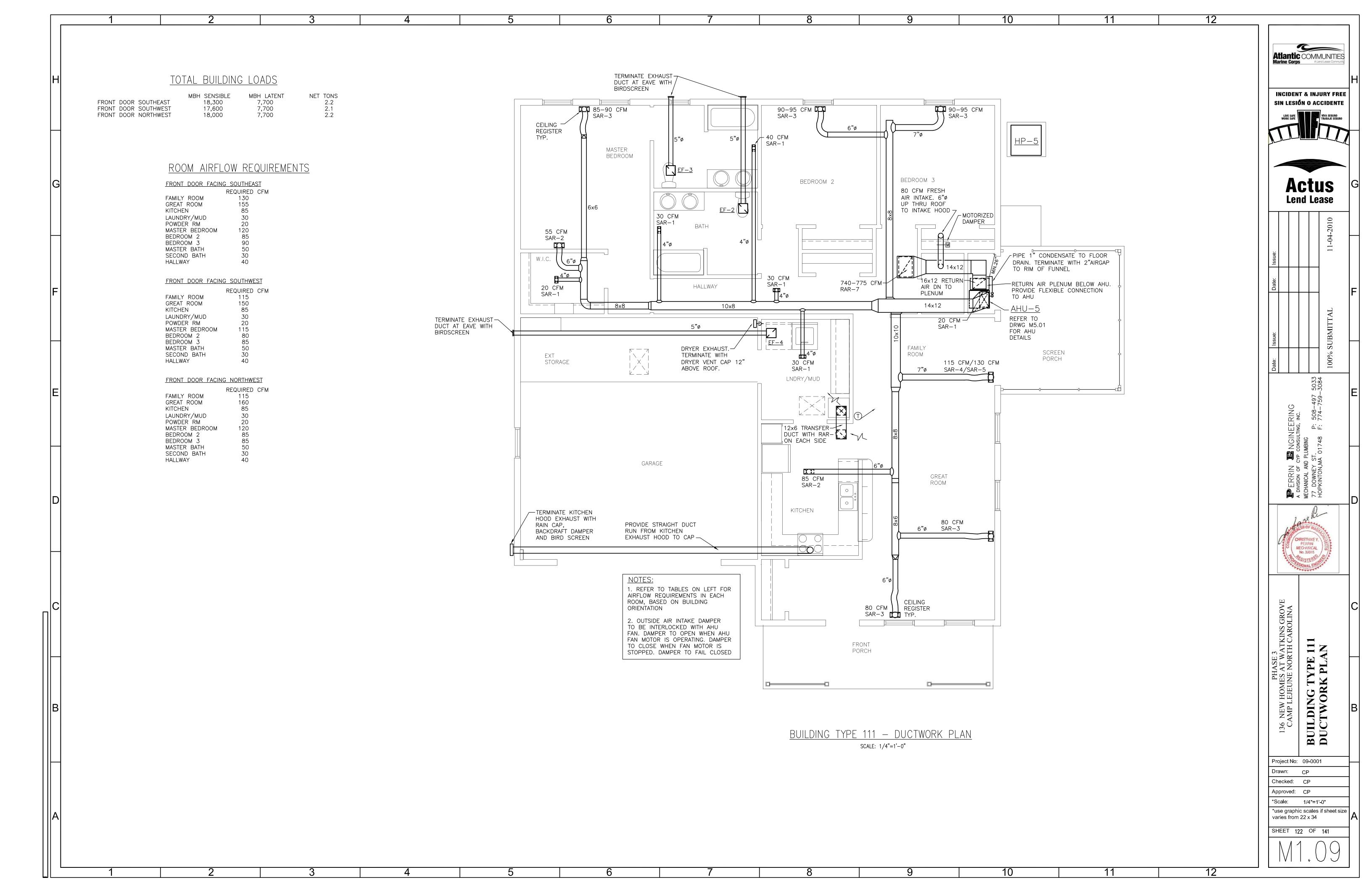


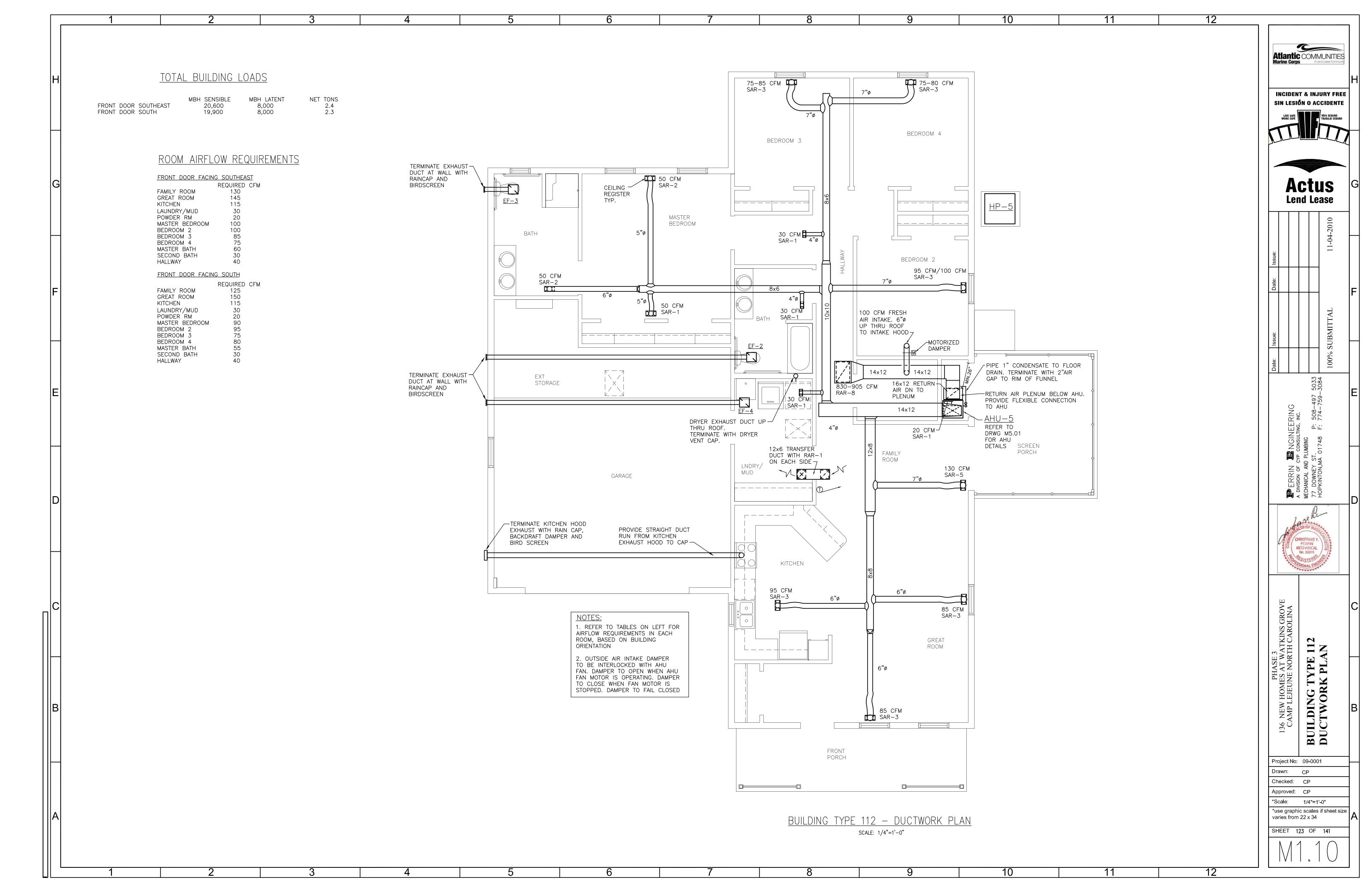


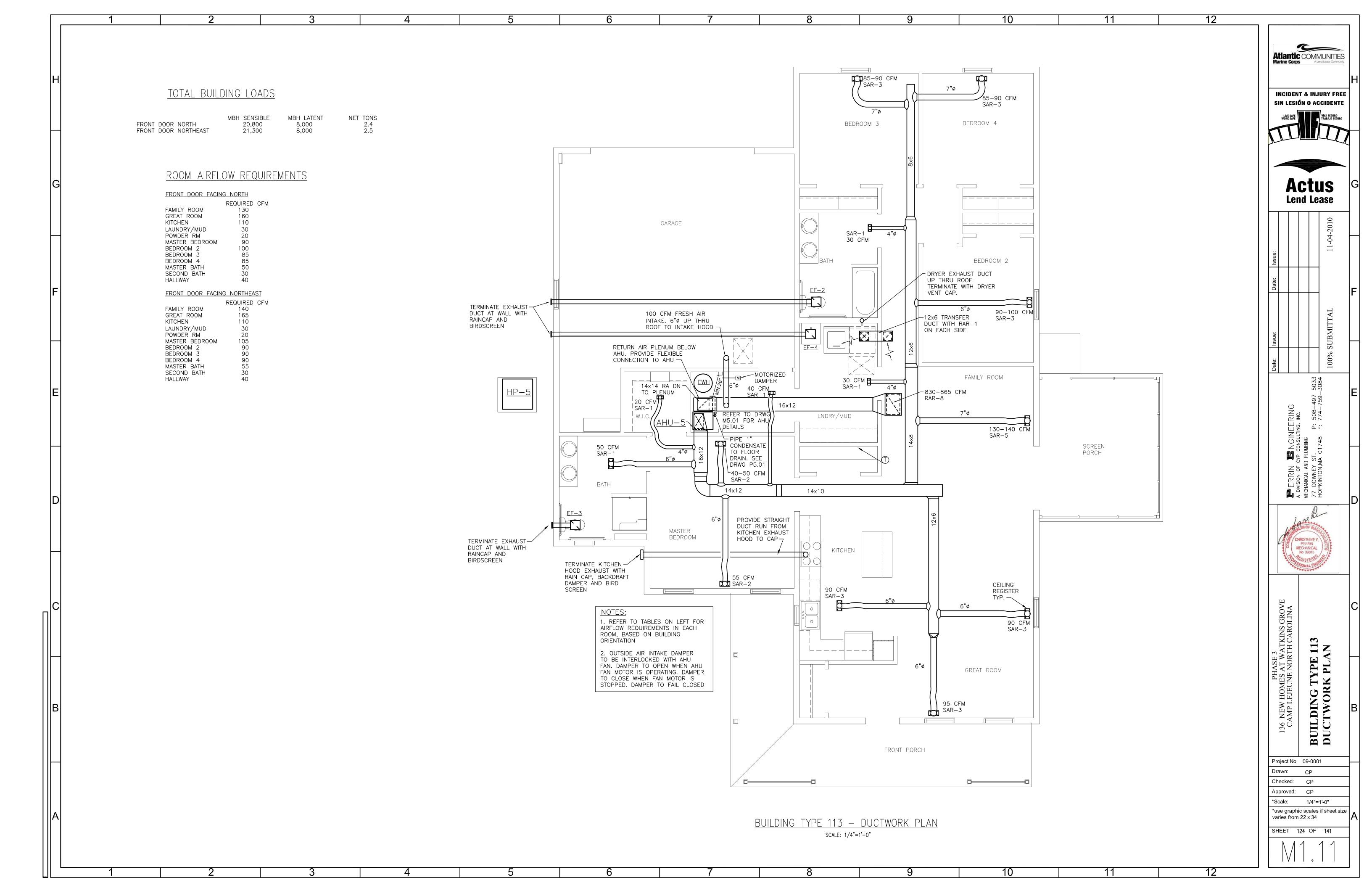


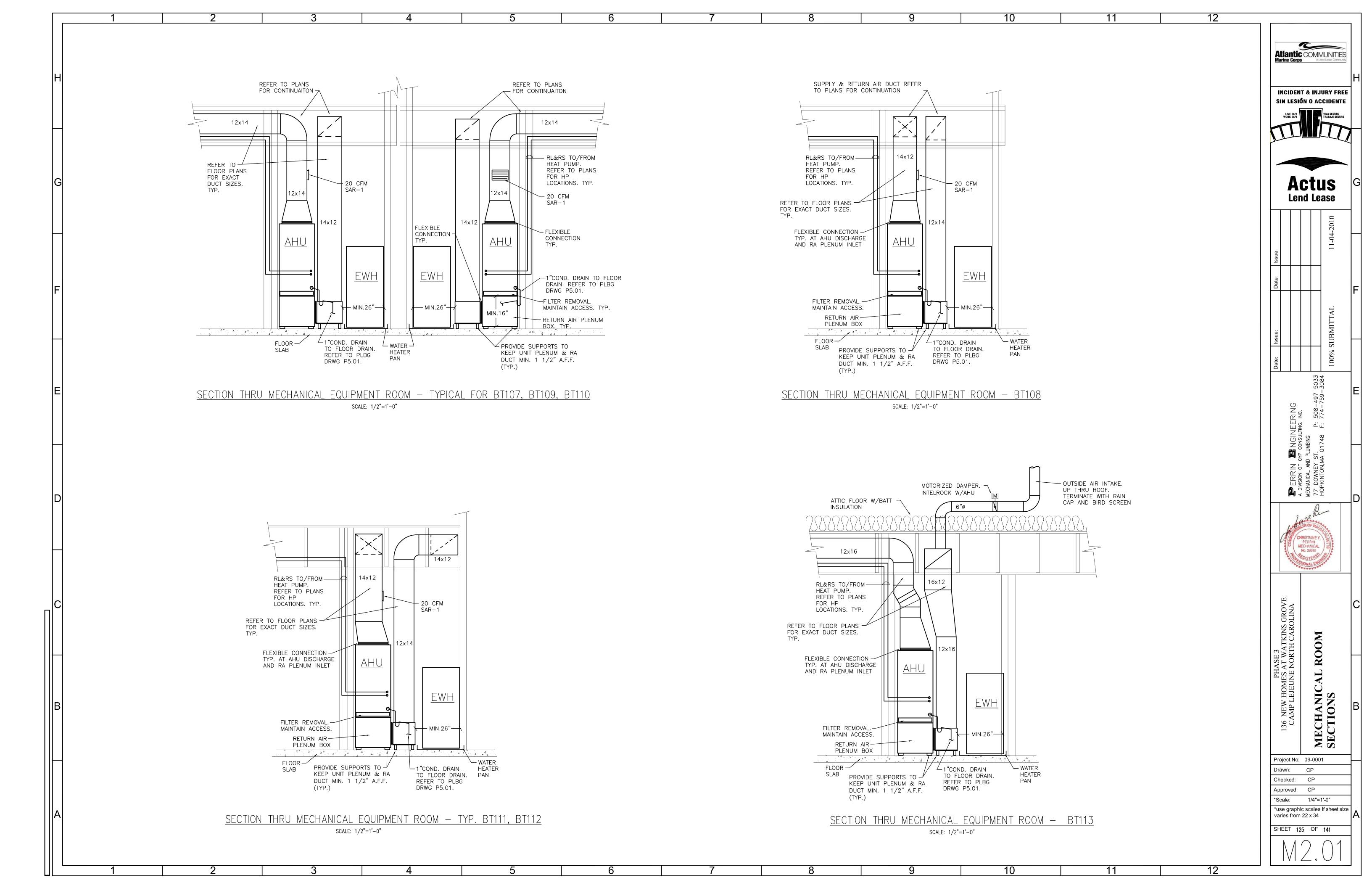


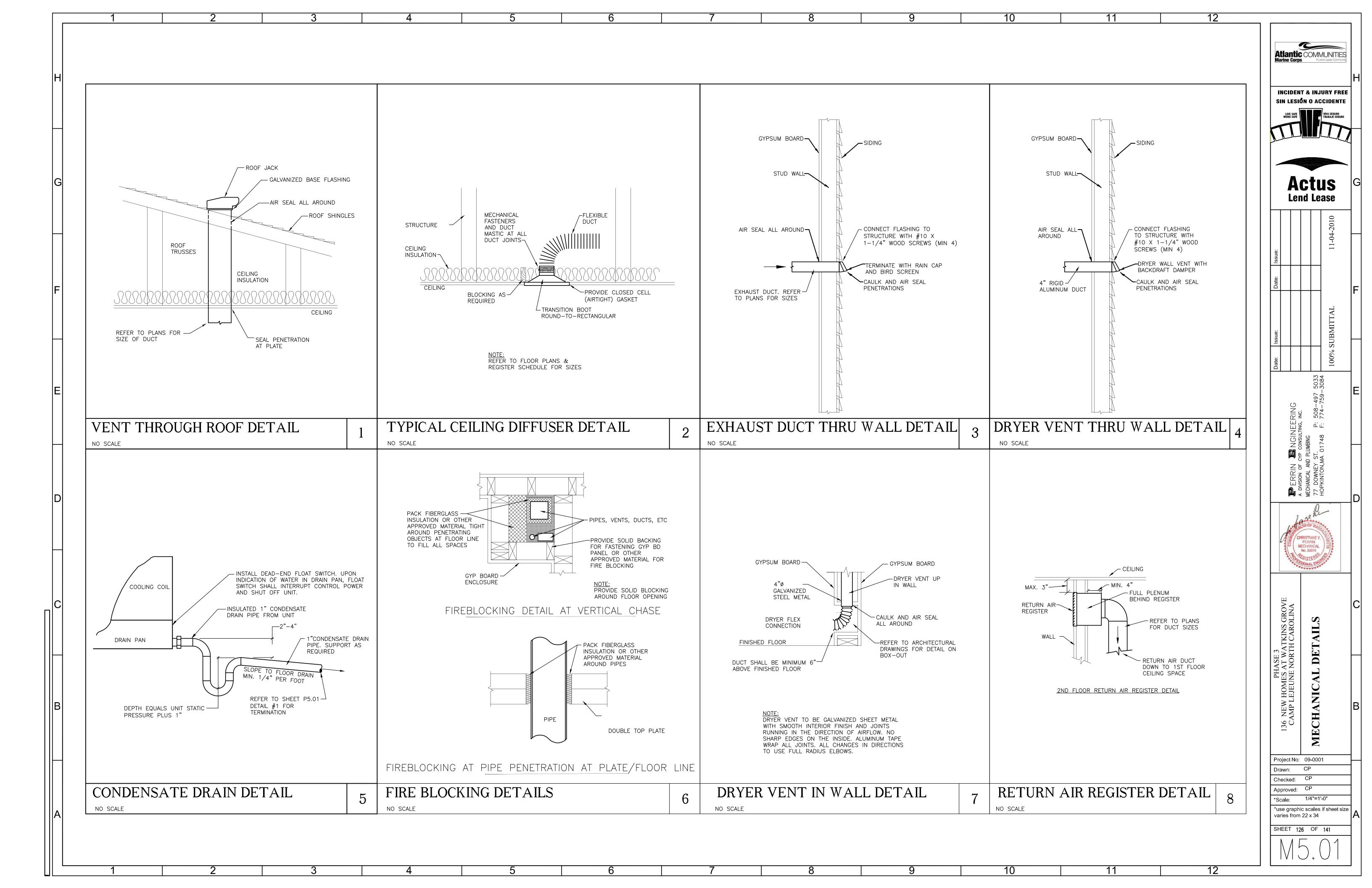




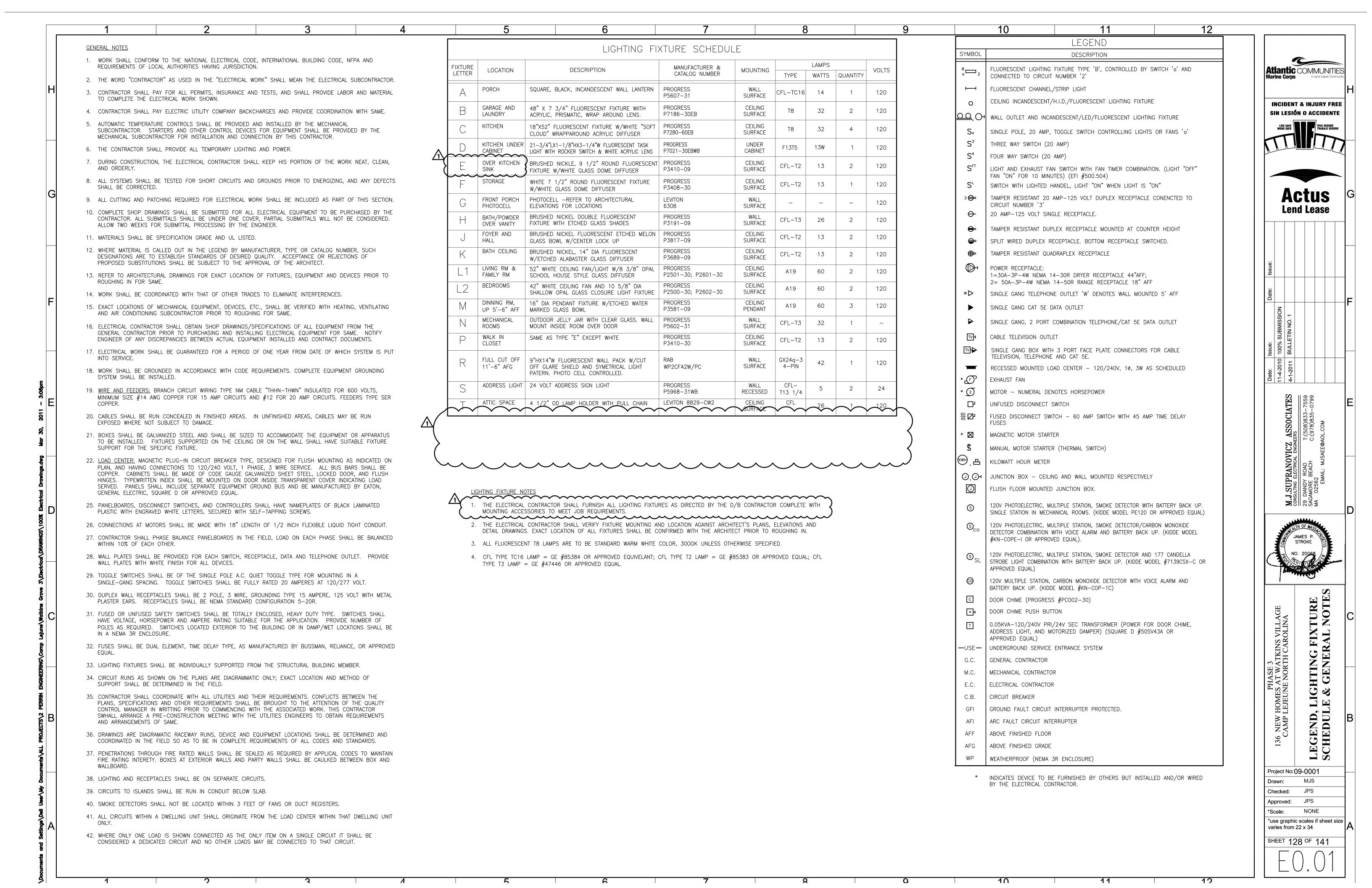


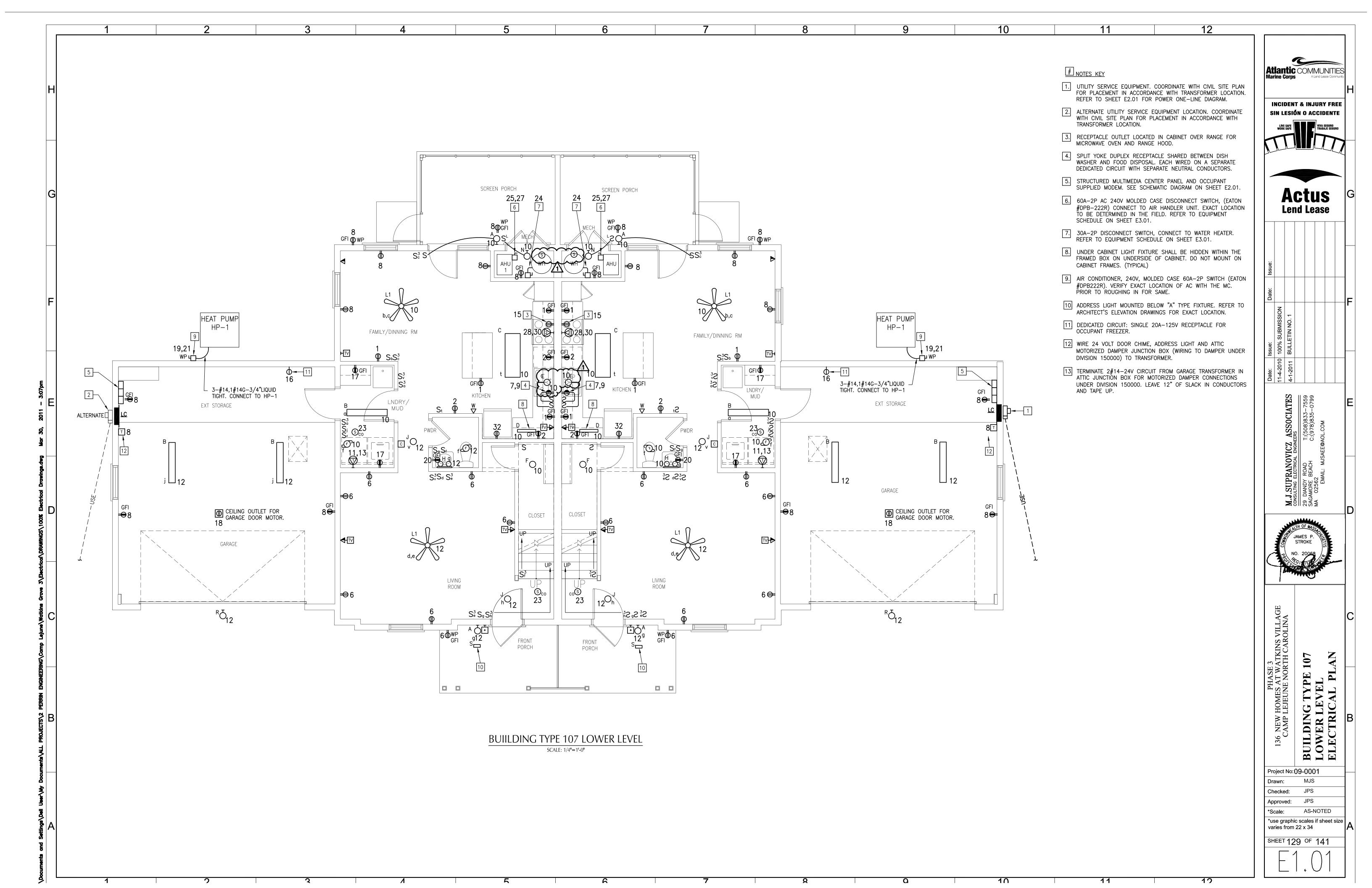


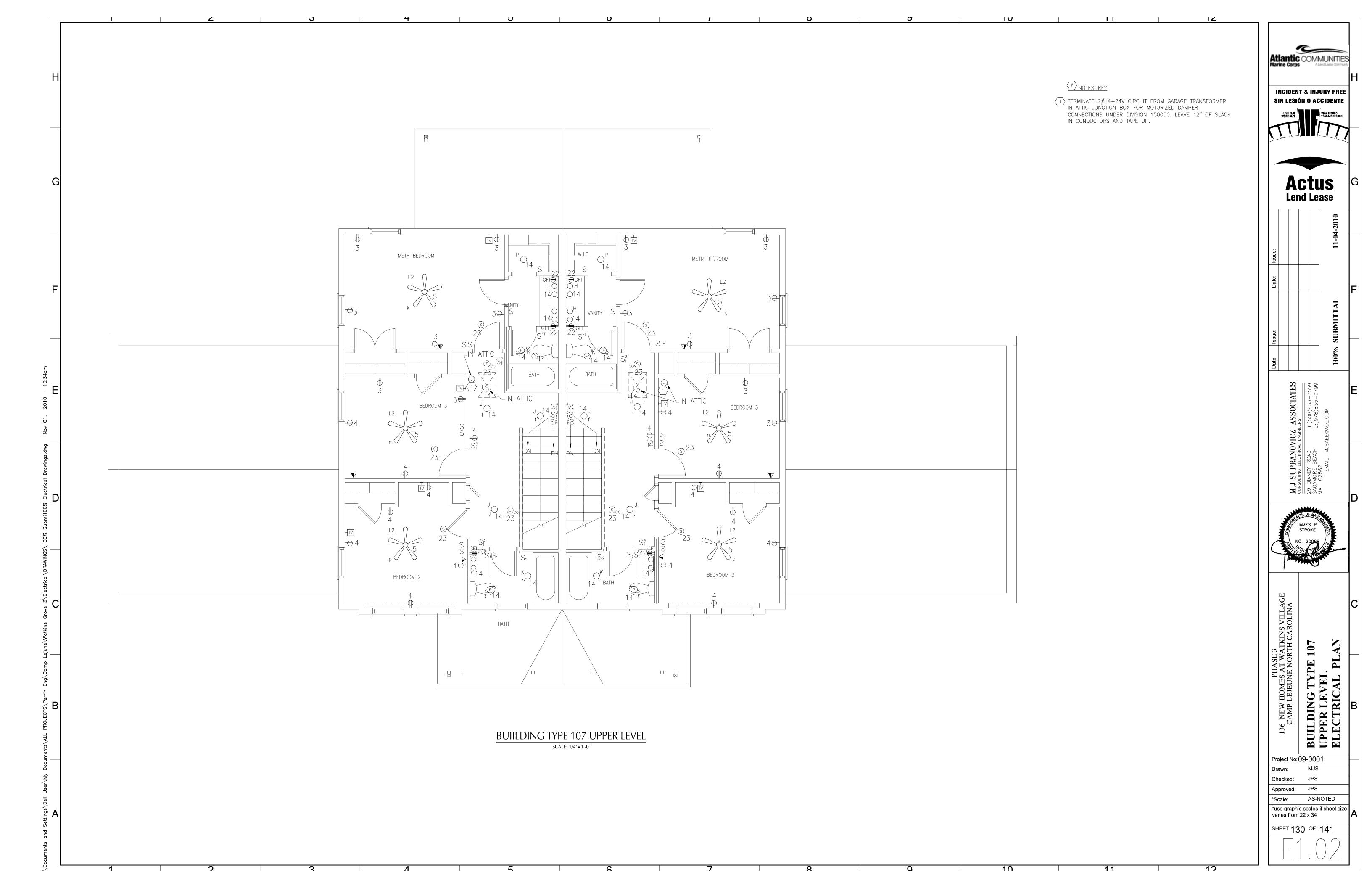


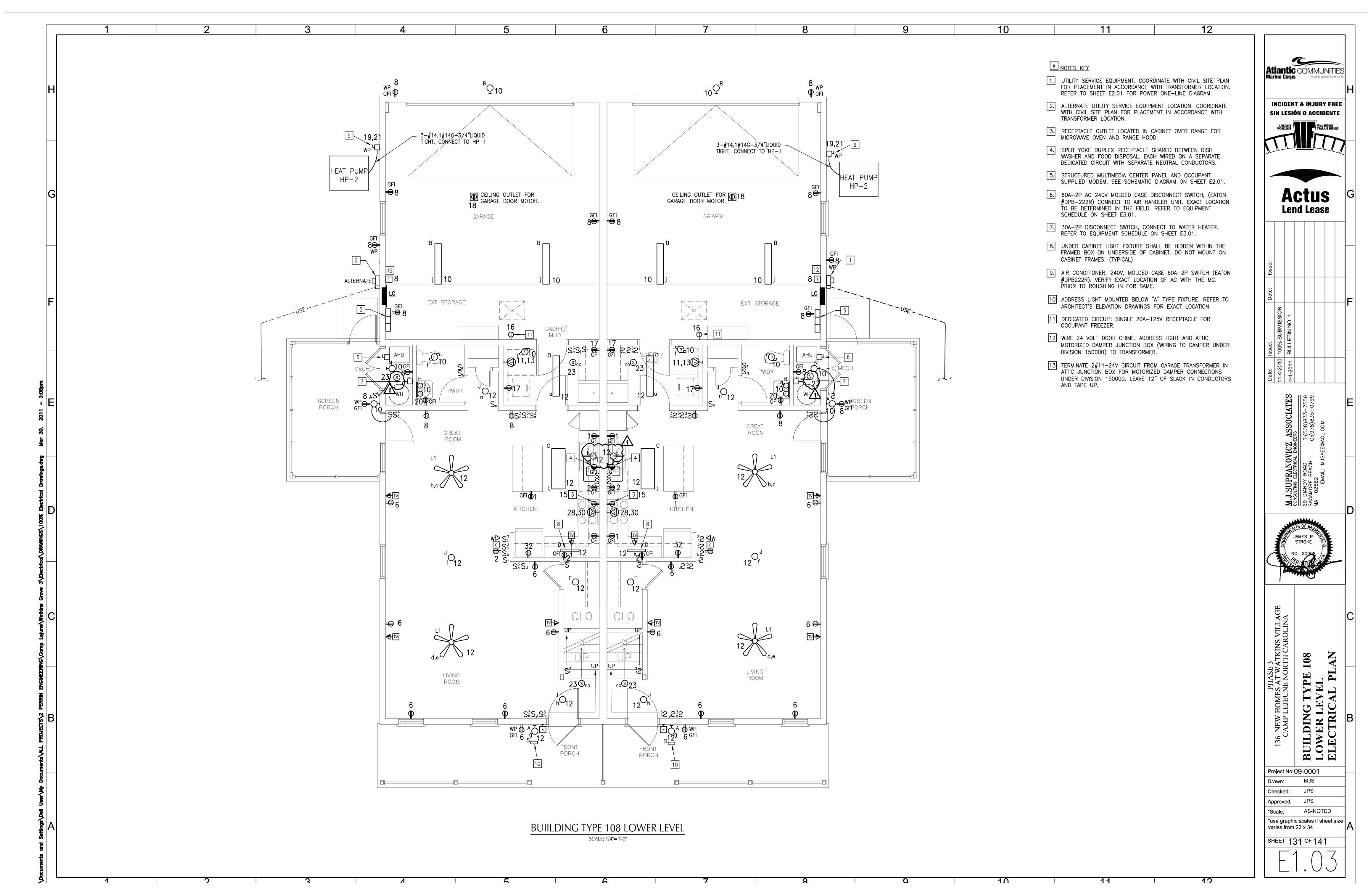


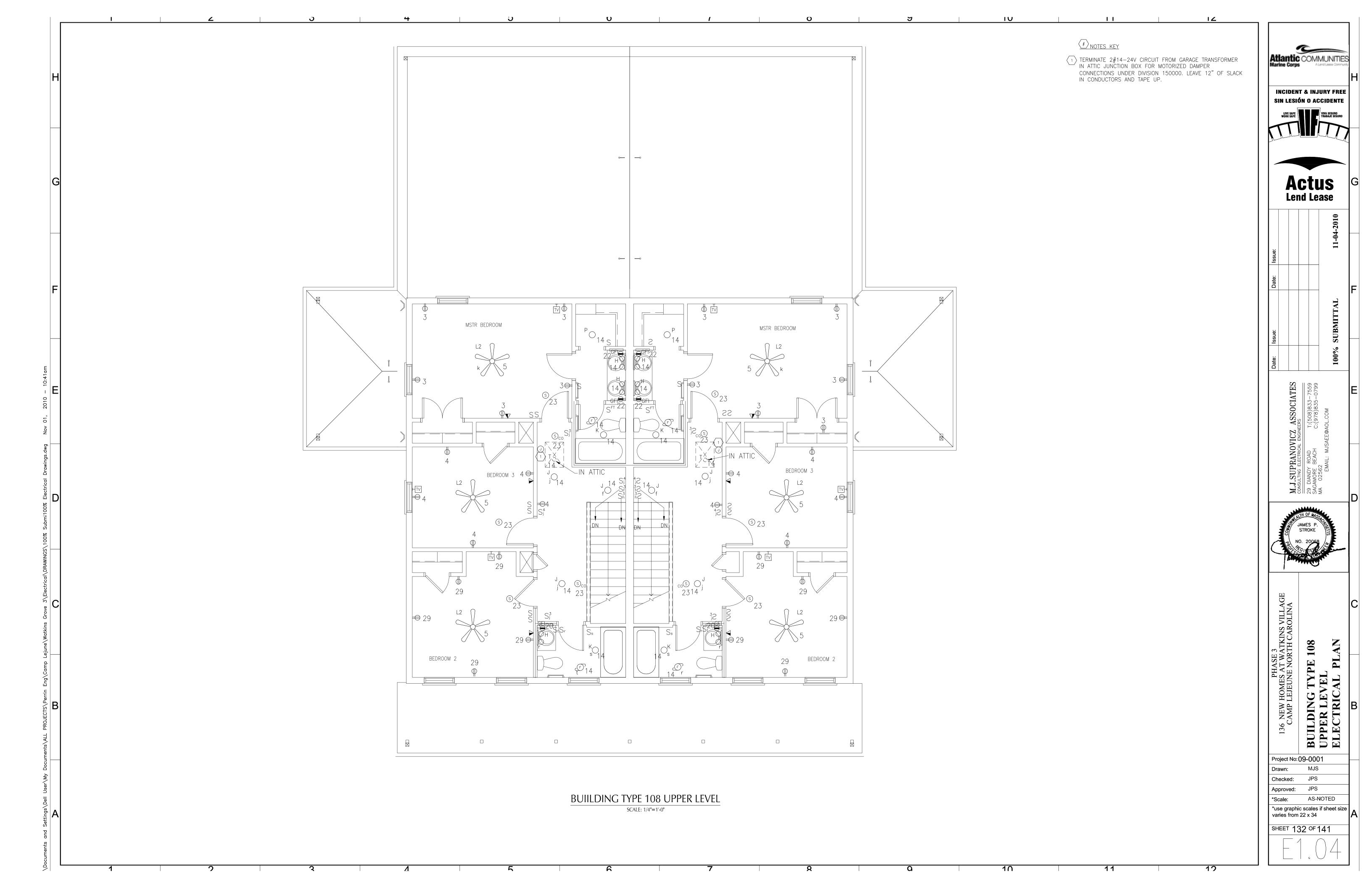
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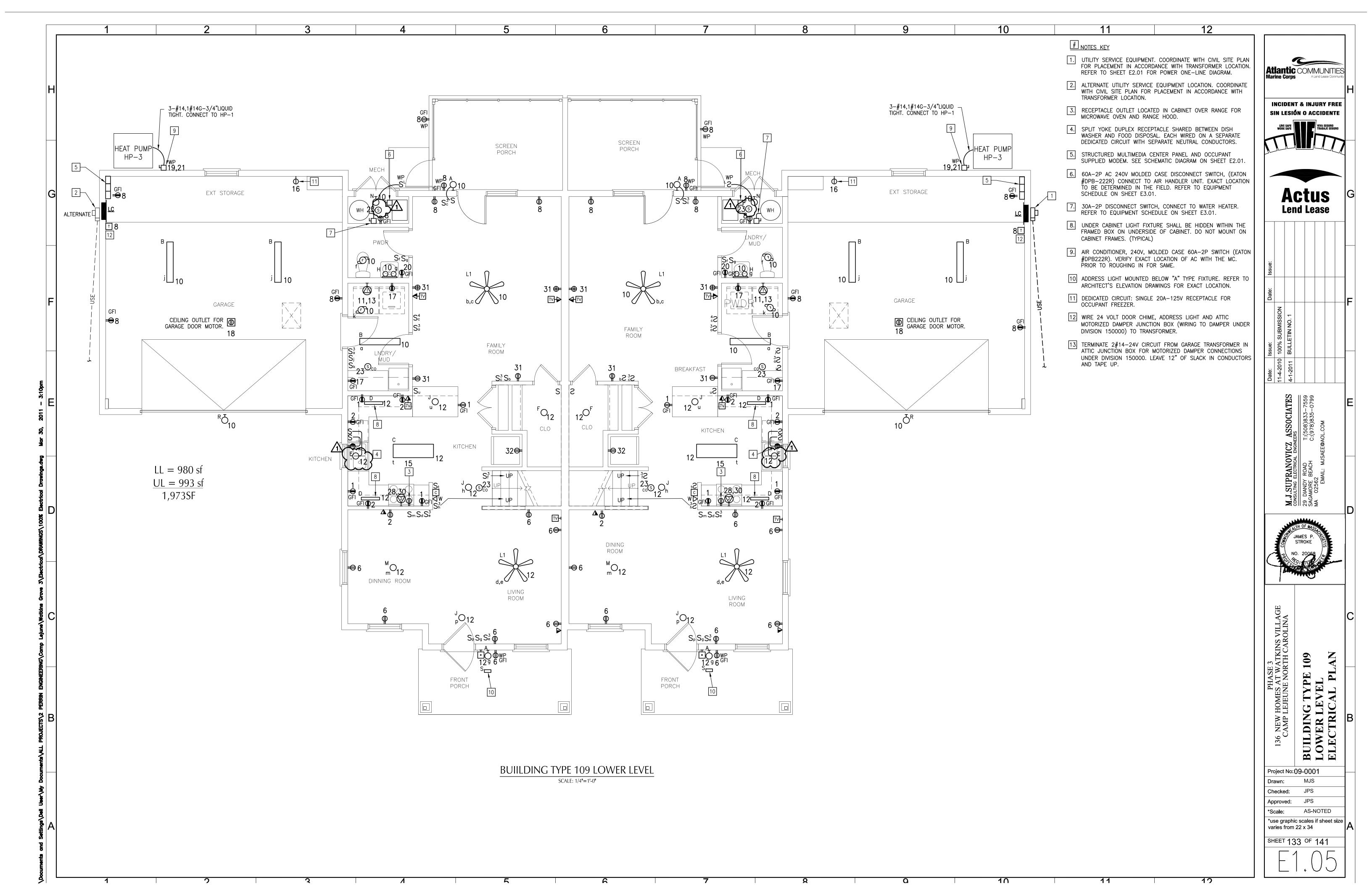


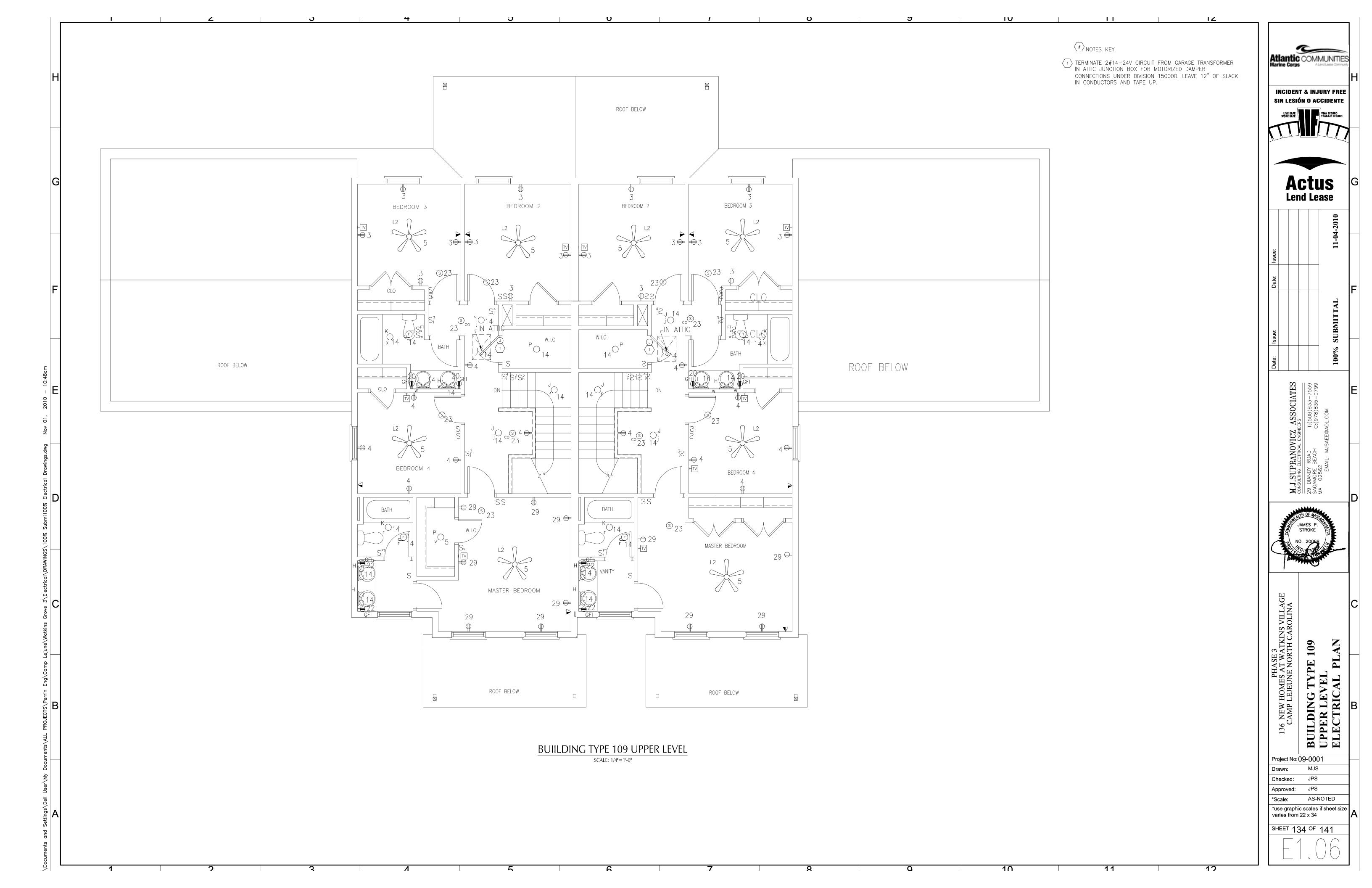


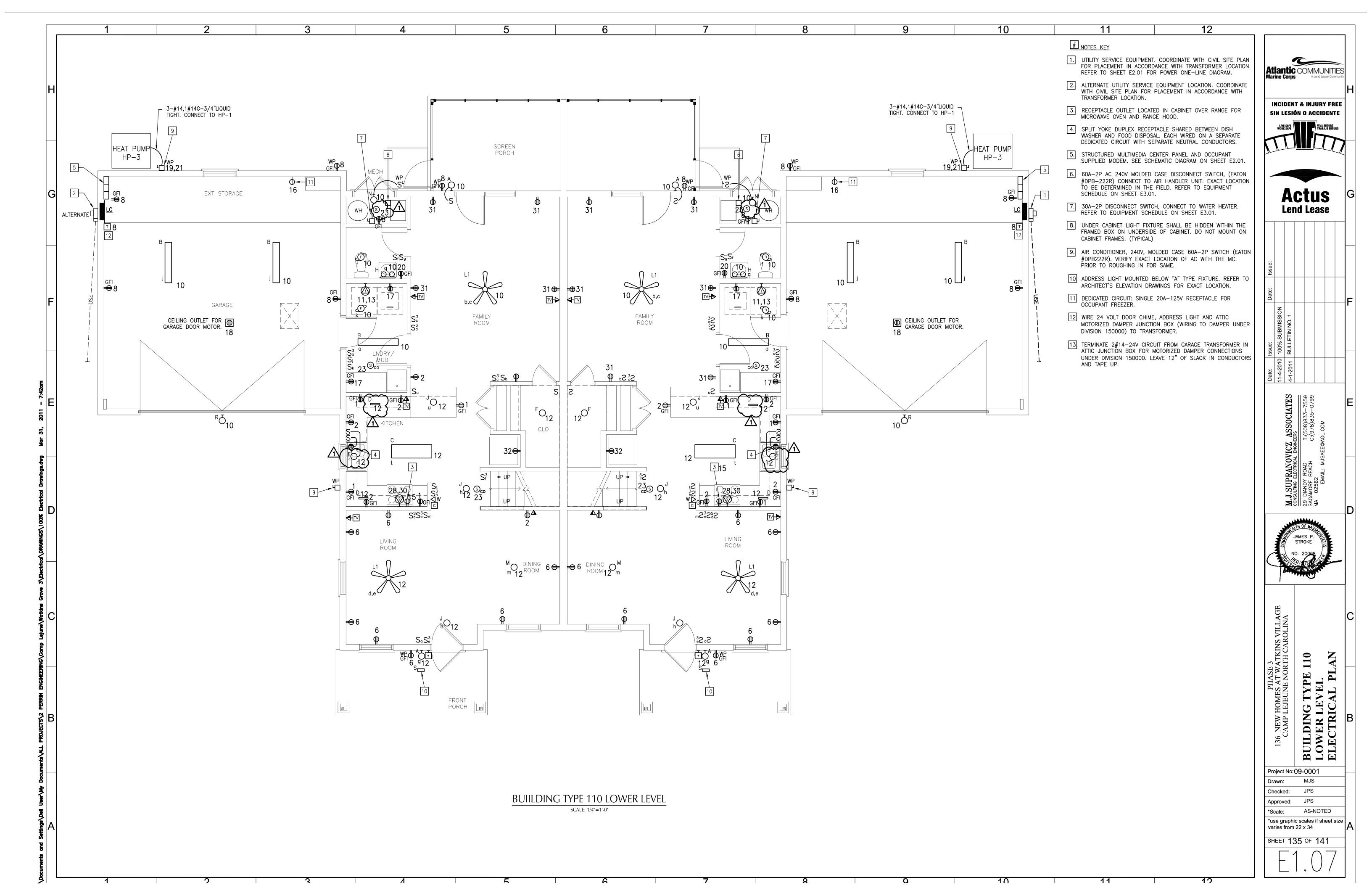


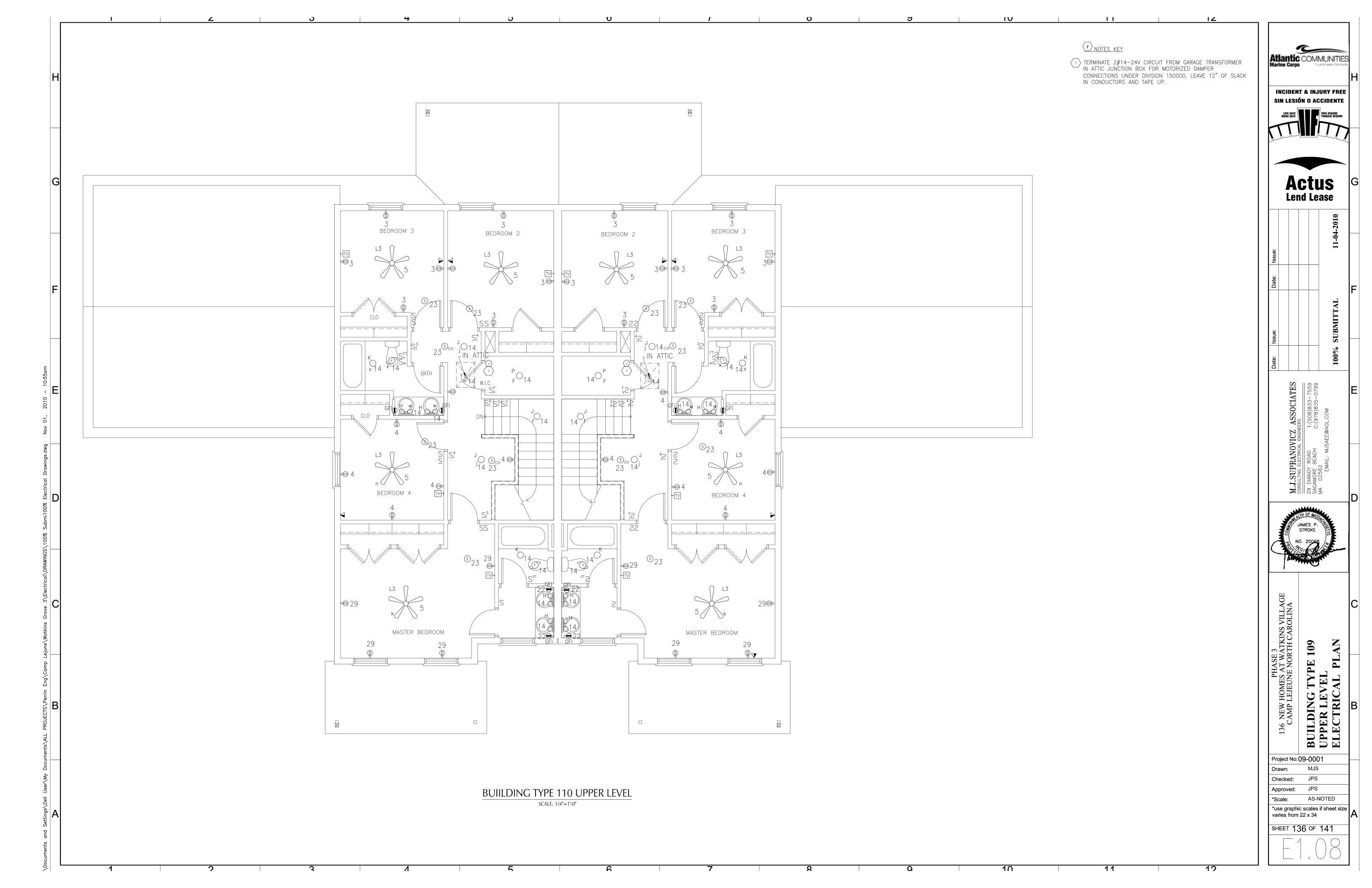


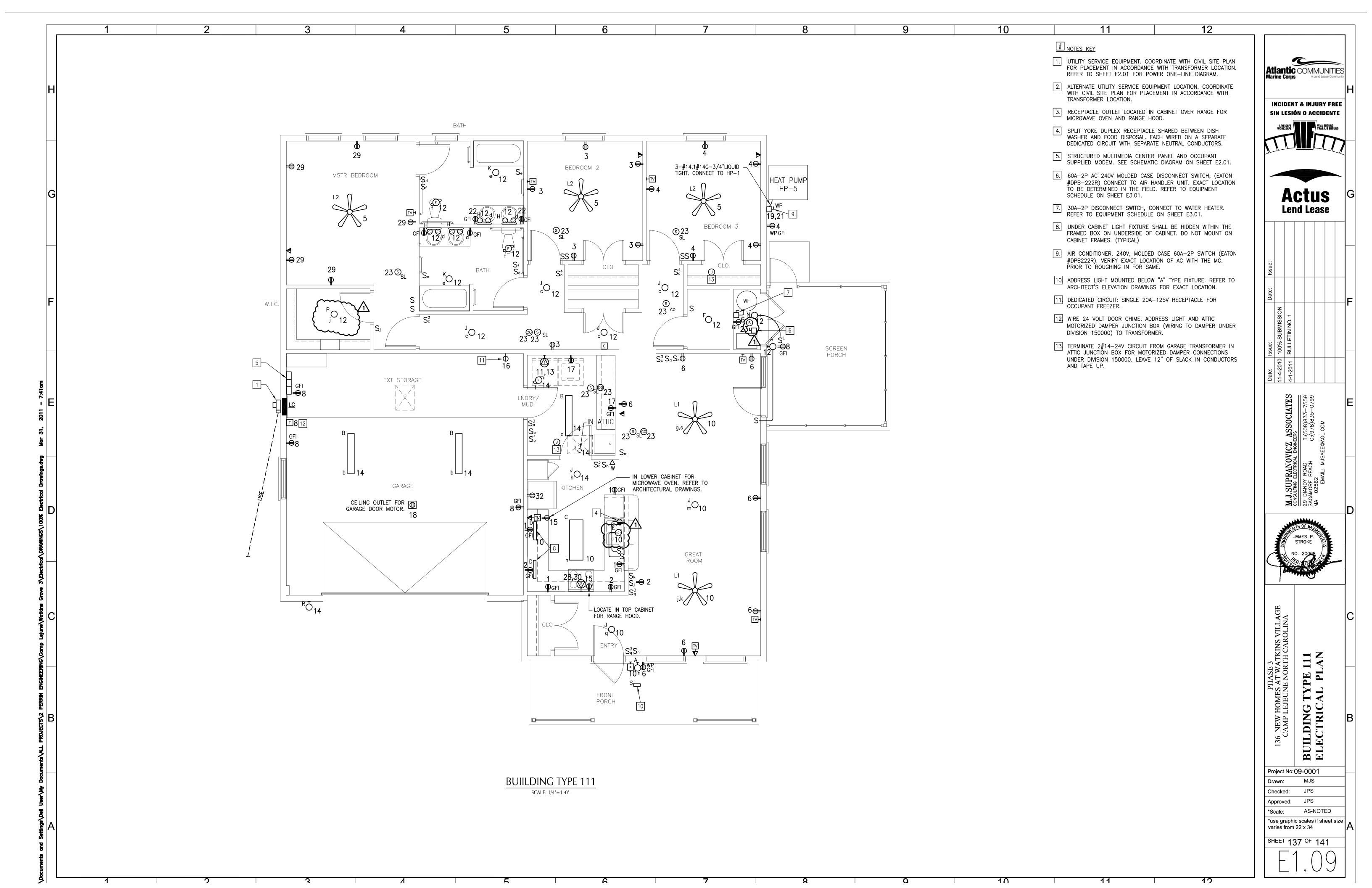


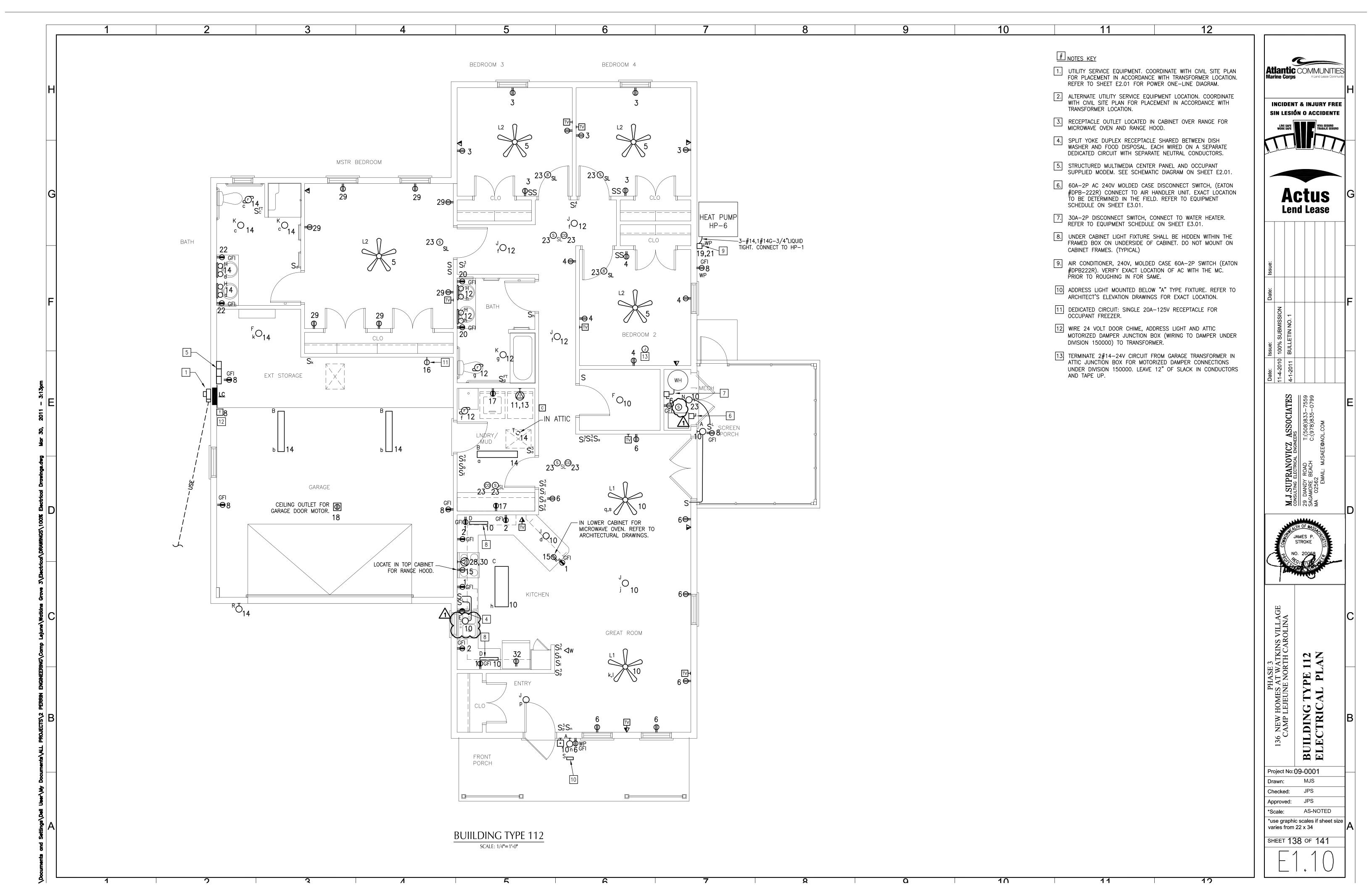


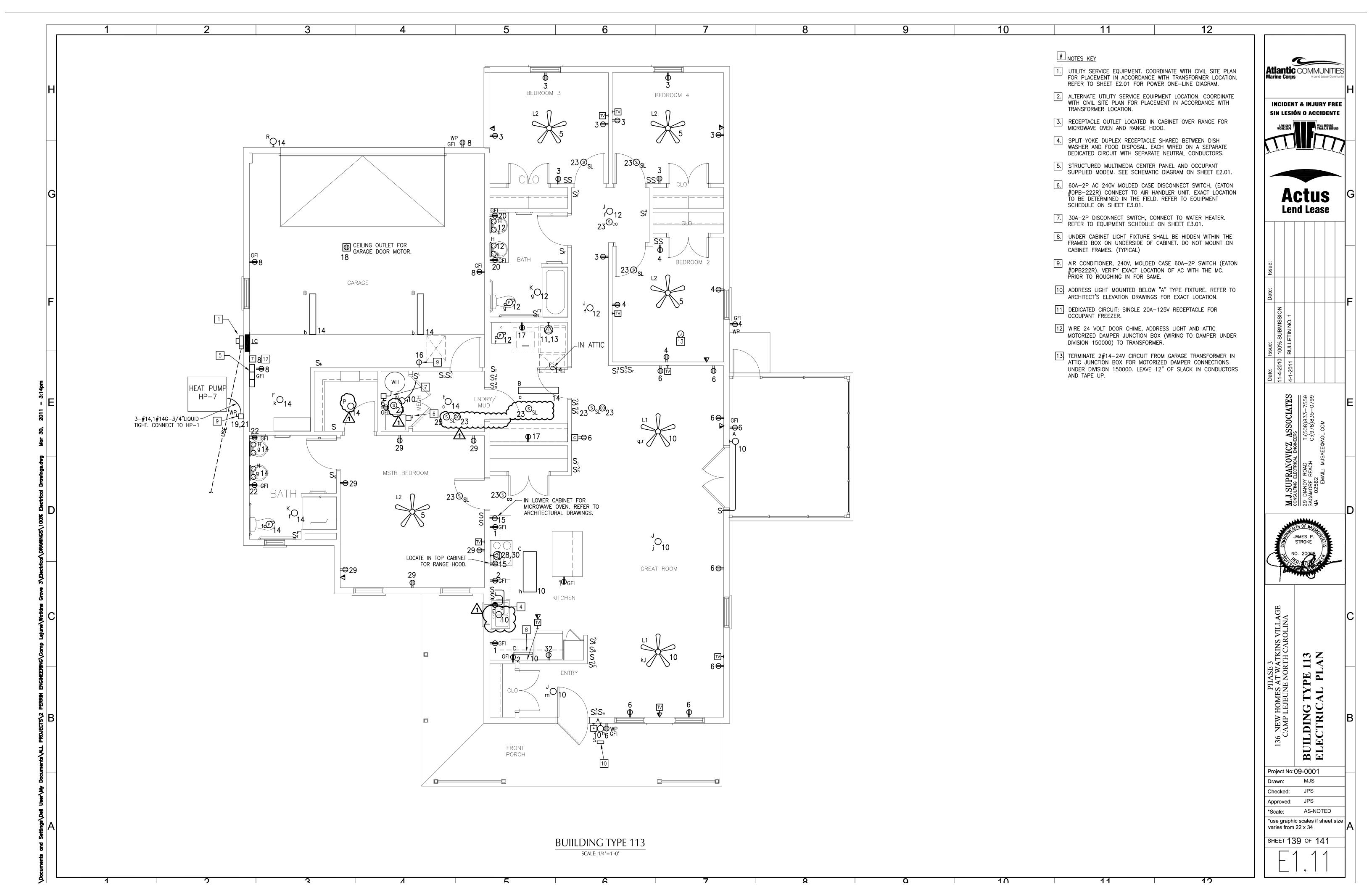


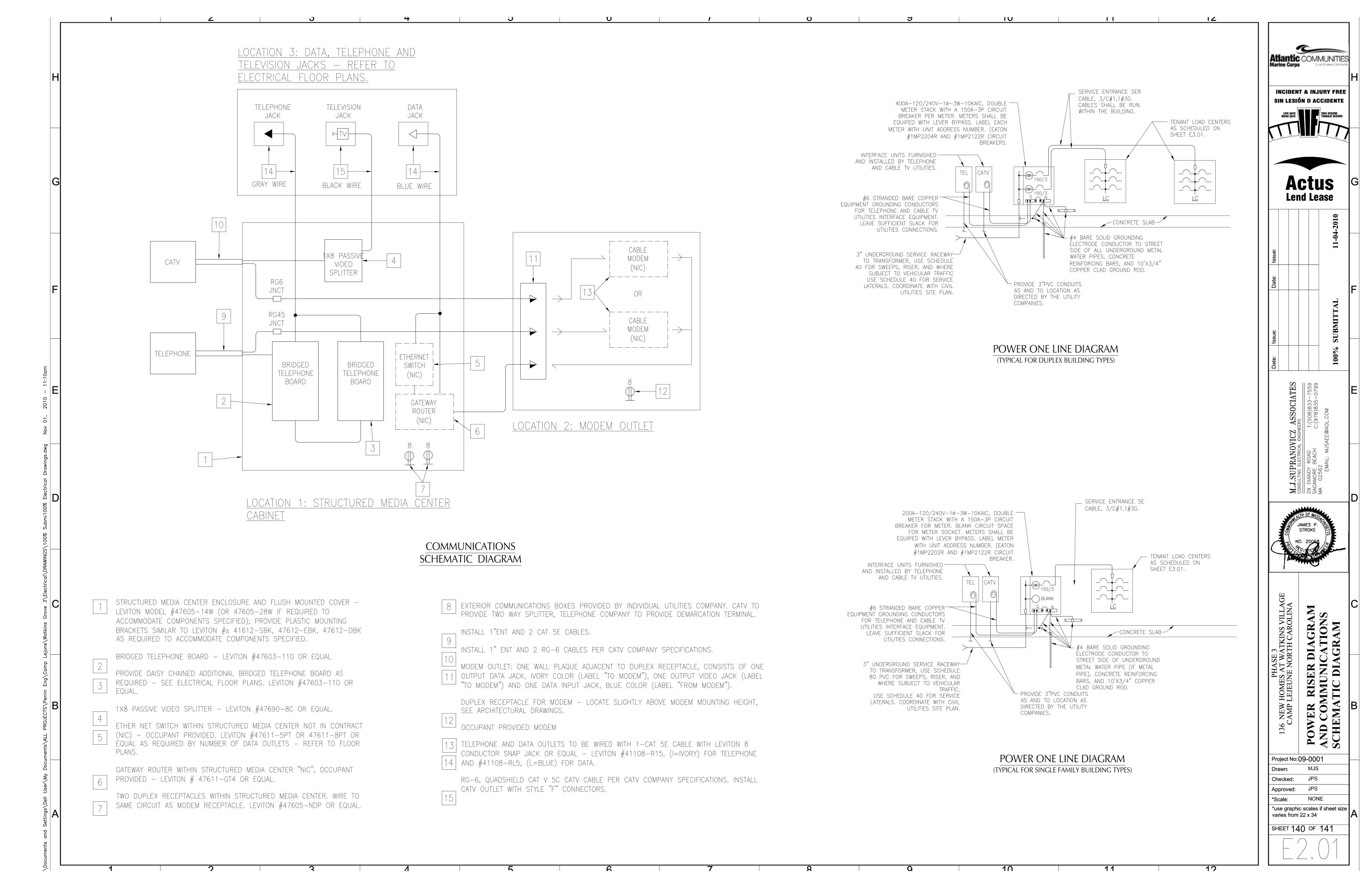


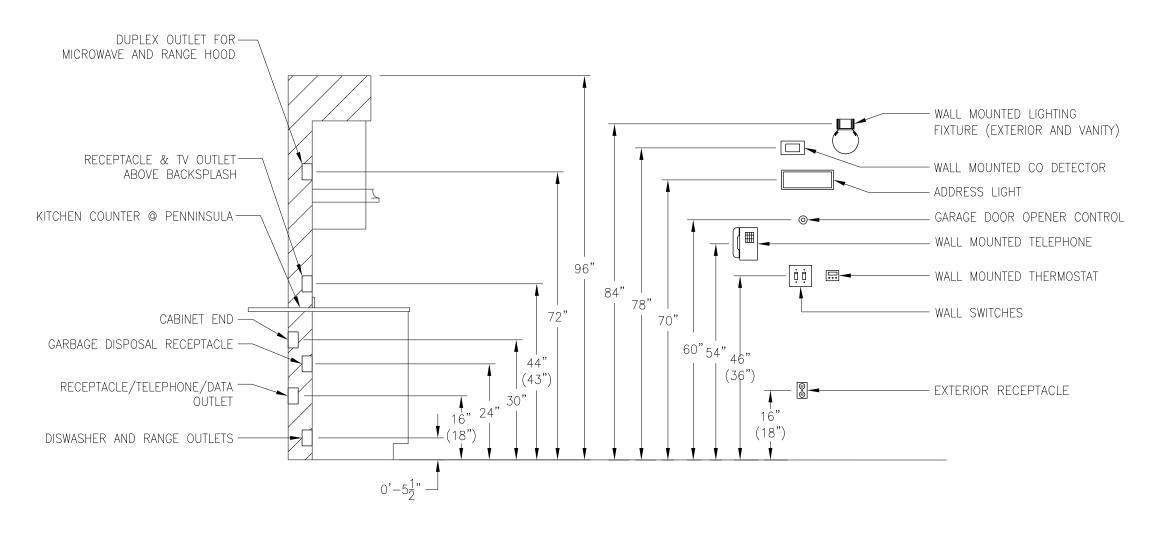










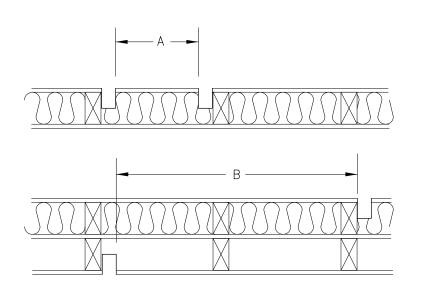


1 MOUNTING HEIGHT DETAIL

NOTES:

- 1. HEIGHTS IN PARENTHESIS ARE FOR ADAPTABLE UNITS, IF NO ALTERNATE PARENTHESIS IS SHOWN, HEIGHT SHALL BE FOR BOTH ADAPTABLE AND STANDARD UNITS.
- 2. RECEPTACLES IN GARAGES SHALL BE LOCATED 36" TO 42" ABOVE
- FINISHED FLOOR.

 3. TELEPHONE OUTLETS SHALL BE MOUNTE 18" AFF WITH THE EXCEPTION OF
- KITCHEN WALL MOUNTED AT 54".
 4. G.F.C.I. RECEPTACLES IN BATHS AND TOILETS SHALL BE MOUNTED AT 37"
- 5. ALL DIMENSIONS ARE TO CENTERLINE OF DEVICES.



2 PARTY WALL OUTLET DETAIL N.T.S.

MEMBRANE PENETRATION NOTES (PER IRC 2009 - R321.3.2), STEEL ELECTRICAL BOXES THAT DO NOT EXCEED 16 SQUARE INCHES IN AREA, PROVIDED THAT THE TOTAL AREA OF SUCH OPENINGS DOES NOT EXCEED 100 SQUARE INCHES FOR ANY SQUARE FOOT OF WALL AREA MAY PENETRATE A FIRE RESISTIVE MEMBRANE.

- A. NO MINIMUM SPACING REQUIRED, PROVIDED THAT THE CONDITIONS ABOVE ARE MET.
- B. ELECTRICAL BOXES ON OPPOSITE SIDES OF THE WALL MUST BE SEPARATED BY A MINIMUM OF 24 INCHES. NOTE: THE USE OF TESTED PRPRIETARY PRODUCTS SUCH AS "SPEC-SEAL PUTTY PADS" MAY ALLOW FOR REDUCTIONS IN THE 24 INCH MINIMUM WHEN INSTALLED PER PER MANUFACTURER'S RECOMMENDATIONS BUT DOES NOT ALLOW FOR BOXES TO BE INSTALLED BACK-TO-BACK: THE CONTRACTOR SHALL PROVIDE MANUFACTURER'S LITERATURE AND TEST DATA WITH HIS SUBMITTALS FOR APPROVAL.

LOAD	CENTER	LC,	150	AMP,	120/240	VOLT,	$1 \emptyset$,	3W
INTERRUPTIN	NG CAPACITY	10K AMPS	S RMS SY	′M	150A MLO		FLUSH	MOUNTED

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NOTES	LOAD DESCRIPTION	CB/ PHASE	CIRC. NO.	Ø	CIRC.	CB/ PHASE	LOAD DESCRIPTION	NOTES
1,4	KITCHEN RECEPTACLES	20/1	1	Α	2	20/1	KITCHEN RECEPTACLES	1,4
1,4	BEDROOM RECEPTACLES	*20/1	3	В	4	*20/1	BEDROOM RECEPTACLES	1,4
1,4	BEDROOM LIGHTS	*15/1	5	Α	6	*20/1	CONVENIENCE OUTLETS	1,4
9	GARBAGE DISPOSAL	•20/1	↑20/1 7 B 8 *20/1 CONVENIENCE OUTLETS				CONVENIENCE OUTLETS	1,4
9	DISHWASHER	•20/1	9	Α	10	*15/1	LIGHTING	1,4
2	CLOTHES DOVED	*30/2	11	В	12	*15/1	LIGHTING	1,4
	CLOTHES DRYER	130/2	13	Α	14	*15/1	LIGHTING	1,4
_	RANGE HOOD & MICROWAVE OVEN	20/1	15	В	16	*20/1	FREEZER	1,4
_	CLOTHES WASHER	*20/1	17	Α	18	*20/1	GARAGE DOOR OPENER RECEPTACLE	1,4
3	AIR CONDITIONER	-/2	19	В	20	*20/1	BATHROOM RECEPTACLES	1,4
	AIN CONDITIONEN	/ _	21	Α	22	*20/1	MASTER BATHROOM RECEPTACLES	1,4
_	SMOKE AND CO DETECTORS	*20/1	23	В	24	30/2	WATER HEATER	9
8	AIR HANDELING UNIT	-/2	25	Α	26	00/2	WATER TIE, WEIN	
	AIN HANDELING ONIT	-/ -/	27	В	28	40/2	ELECTRIC RANGE	7
1,4	BEDROOM RECEPTACLES	*20/1	29	Α	30	40/2	LLLCTRIC TRAINGL	/
1,4	CONVENIENCE OUTLETS	*20/1	31	В	32	20/1	REFRIGERATOR	_

* DENOTES COMBINATION ARC FAULT TYPE CIRCUIT BREAKER.

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11

NOTES TO LOAD CENTER:

- 1. LIGHTING AND RECEPTACLES SHALL BE ON SEPARATE CIRCUITS.
- 2. CLOTHES DRYER BRANCH CIRCUIT 11,13 SHALL BE #10 CU.
- 2. CLOTHES DRYER BRANCH CIRCUIT 11,13 SHALL BE #10 CU.
 3. HEAT PUMP BRANCH CIRCUIT 19.21 SHALL BE SIZED PER
- MANUFACTURERS MCA RATING. SEE EQUIPMENT SCHEDULE.

 4. 20 AMP CONVENIENCE OUTLET BRANCH CIRCUIT SIZE SHALL BE #12 AWG COPPER MINIMUM AND 15 AMP LIGHTING BRANCH
- 5. LOAD CENTER FEEDER SHALL BE #1 CU SER CABLE MINIMUM. 6. ELECTRIC WATER HEATER BRANCH CIRCUIT 24,26 SHALL BE #10

CIRCUITS SHALL BE #14 AWG COPPER MINIMUM.

- AWG CU MINIMUM.
- 7. ELECTRIC RANGE BRANCH CIRCUIT 28,30 SHALL BE #6 AWG CU.

 8. REFER TO EQUIPMENT SCHEDULE FOR AIR HANDLER CIRCUIT
- BREAKER AND FEEDER SIZE.
- 9. SPLIT YOKE RECEPTACLE CIRCUIT BREAKERS SHALL HAVE HANDLE TIE BAR ACROSS THE TWO CB HANDELS SO BOTH BREAKERS TRIP IF ANY ONE IS TRIPPED.



