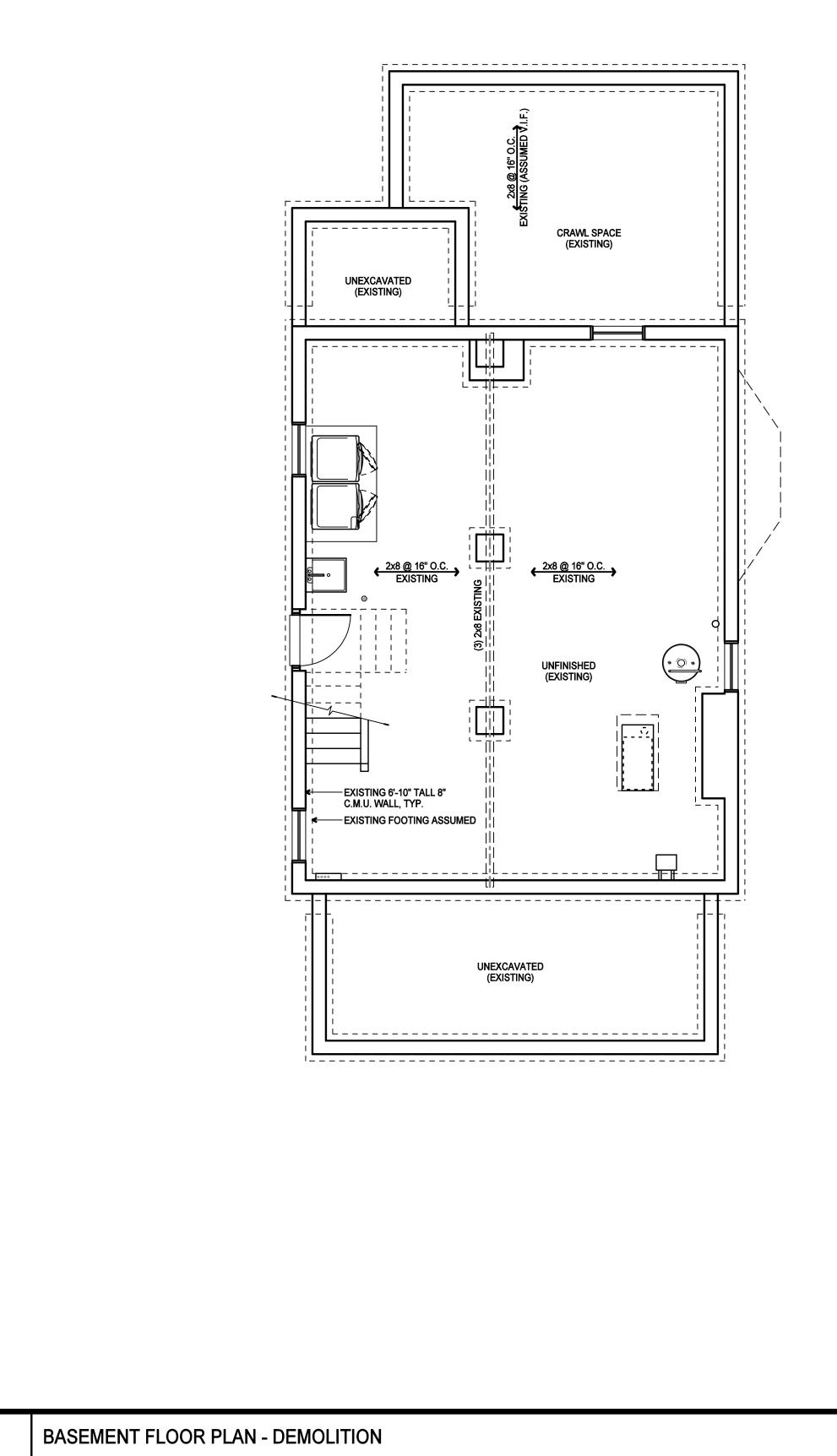


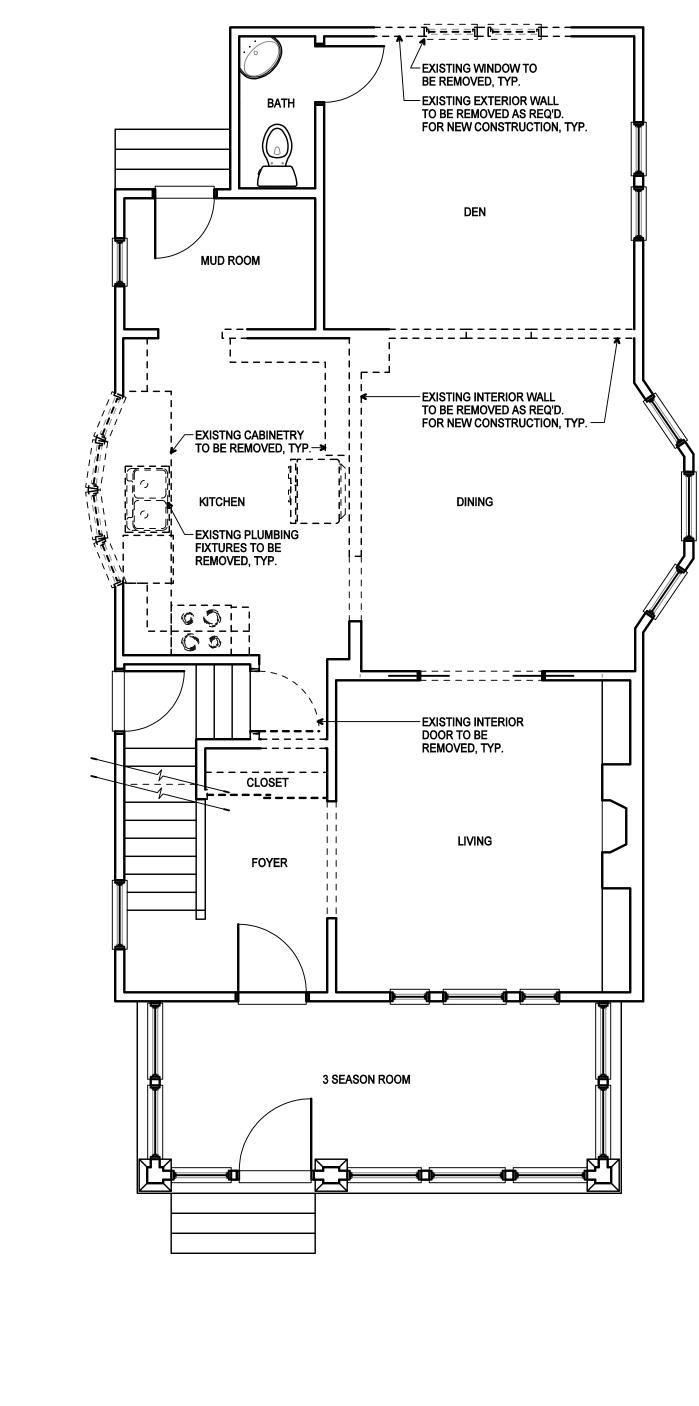
ANY CHANGES TO THESE DRAWINGS MUST BE REPORTED TO KEISER DESIGN GROUP, INC. IMMEDIATELY IN WRITING. KEISER DESIGN GROUP, INC ASSUMES NO RESPONSIBILITY FOR CHANGES TO THE DRAWINGS THAT ARE NOT REPORTED TO THE ARCHITECT.

DRAWING INDEX			TITLE
 A0-0 COVER SHEET D1-0 BASEMENT & 1ST FLOOR PLAN-DEMOLITION D1-1 SECOND & 3RD FLOOR PLAN - DEMOLITION D1-2 ROOF PLAN - DEMOLITION D2-1 EXTERIOR ELEVATIONS - DEMOLITION A1-0 BASMENT FLOOR PLAN - PROPOSED A1-1 FIRST & 2ND FLOOR PLAN - PROPOSED A1-2 THIRD FLOOR & ROOF PLAN - PROPOSED A2-1 PROPOSED EXTERIOR ELEVATIONS A3-1 WALL SECTIONS A3-2 STAIR SECTION / WALL BRACING METHOD CS-PF A4-1 GENERAL NOTES / STRUCTURAL NOTES / LIGHT AND VENT SCHEDULE A4-3 UL ASSEMBLY 305 DETAILS 	800 Cross Pointe Road, Suite M 1 G Busice Contraction Www.keiserdesigngroup		COEY RESIDENCE REMODEL AND ADDITION 2395 CHARLES STREET COLUMBUS, OH 43209
	KDG PROJECT # 2019-209	SHEET NUMBER	HA RE
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	CONSTRUCTION DOCUMENTS	11.27.2019	

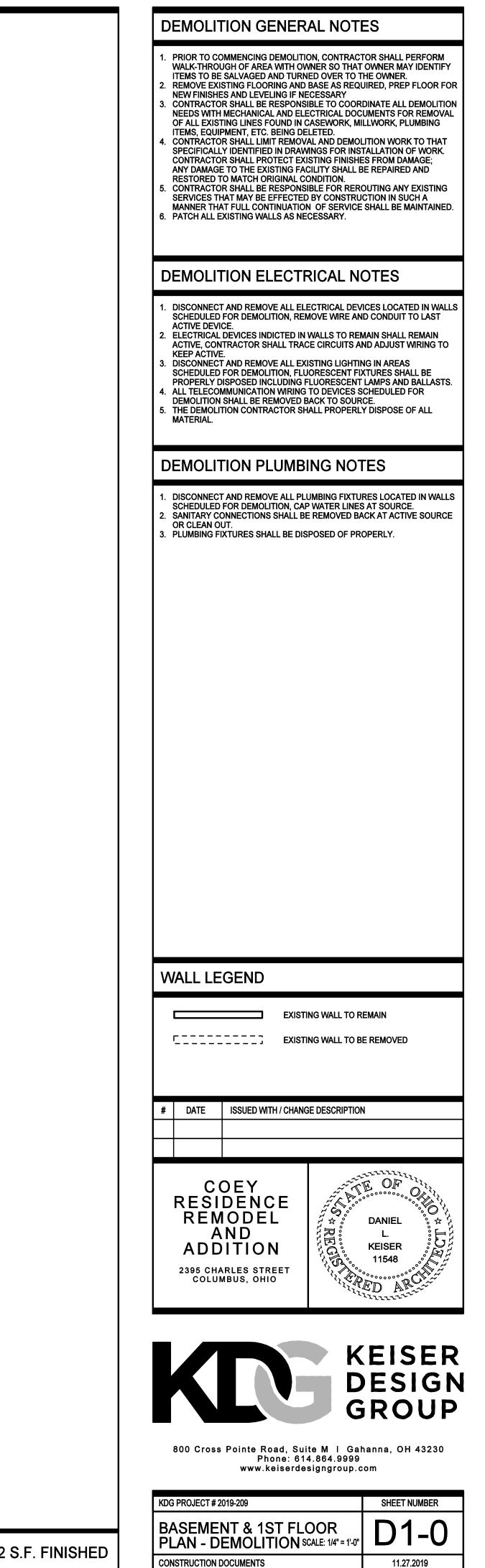
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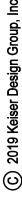
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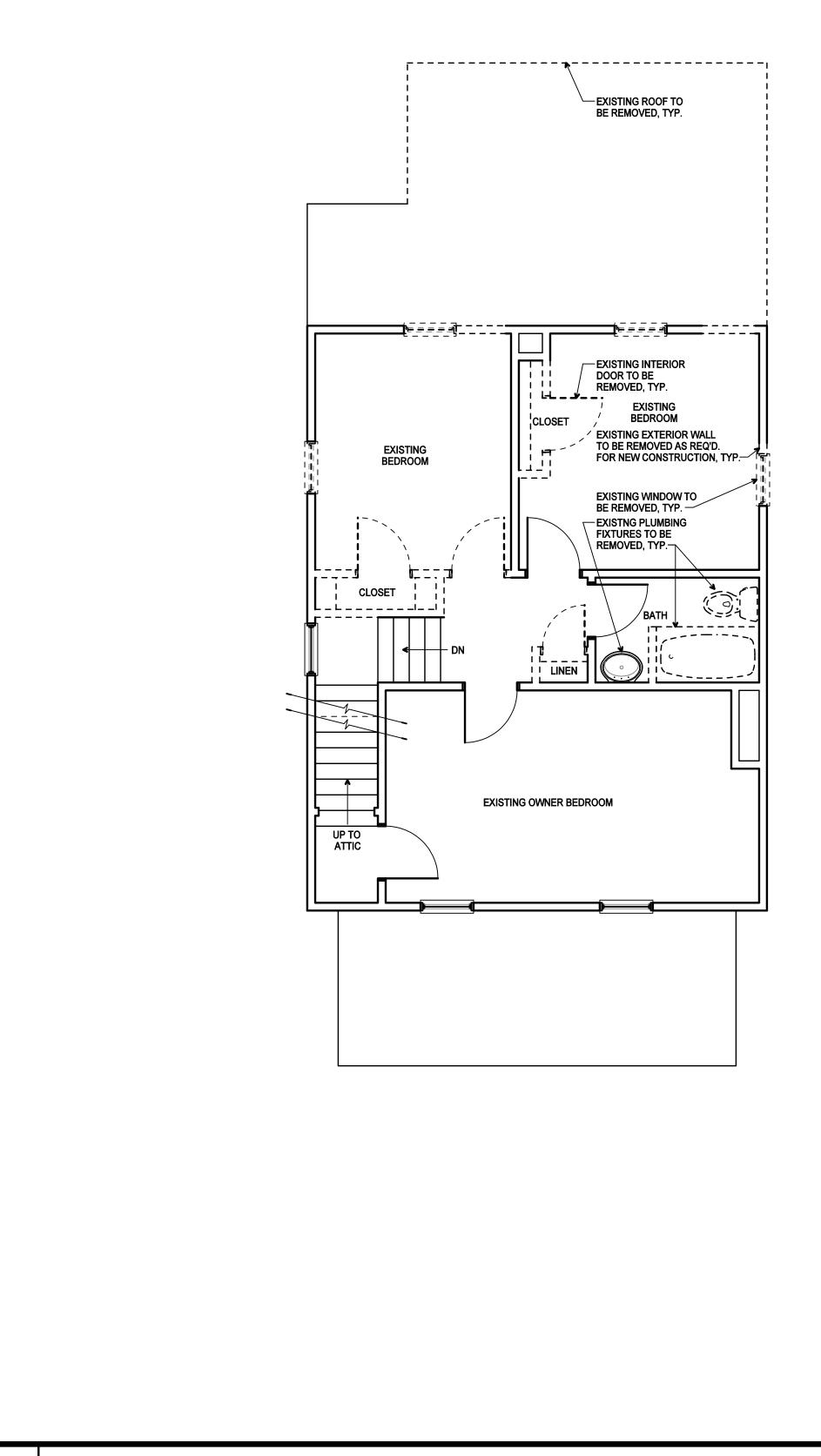


U	NFINISHED	2	FIRST FLOOR PLAN - DEMOLITION

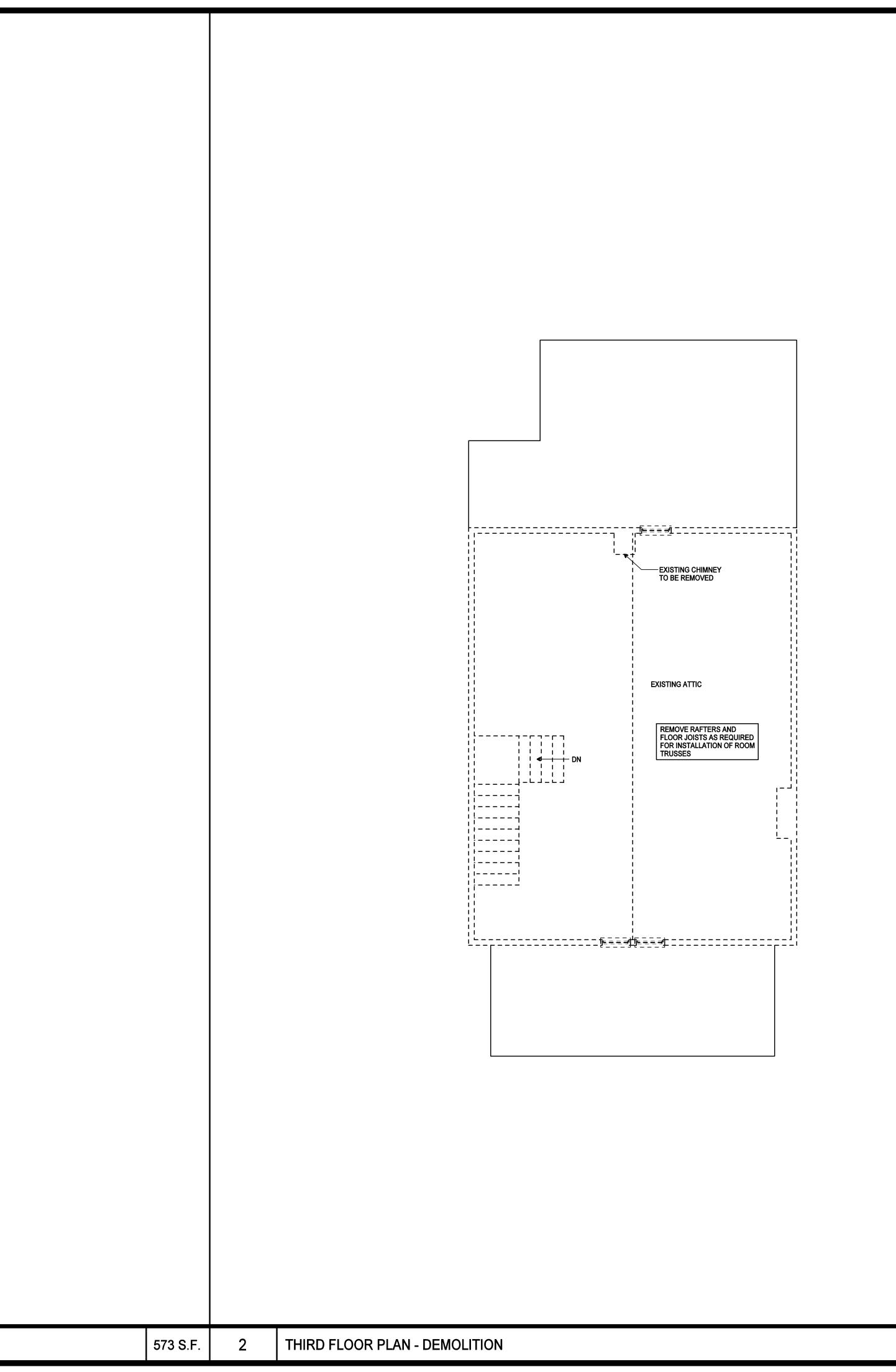


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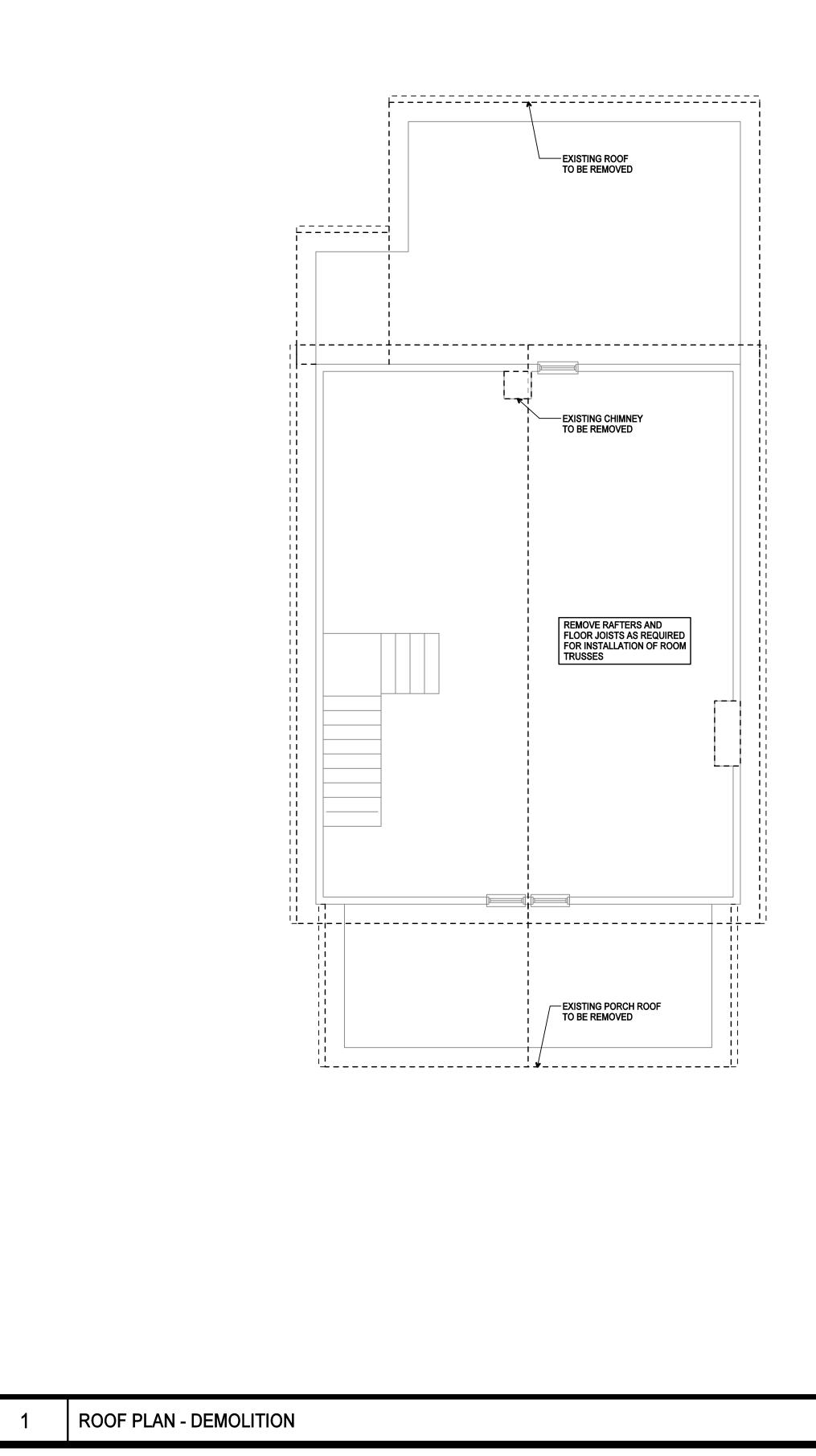






	DEMOLITION GENERAL NOTES
	1. PRIOR TO COMMENCING DEMOLITION, CONTRACTOR SHALL PERFORM WALK-THROUGH OF AREA WITH OWNER SO THAT OWNER MAY IDENTIFY ITEMS TO BE SALVAGED AND TURNED OVER TO THE OWNER.
	 REMOVE EXISTING FLOORING AND BASE AS REQUIRED, PREP FLOOR FOR NEW FINISHES AND LEVELING IF NECESSARY CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL DEMOLITION NEEDS WITH MECHANICAL AND ELECTRICAL DOCUMENTS FOR REMOVAL
	OF ALL EXISTING LINES FOUND IN CASEWORK, MILLWORK, PLUMBING ITEMS, EQUIPMENT, ETC. BEING DELETED. 4. CONTRACTOR SHALL LIMIT REMOVAL AND DEMOLITION WORK TO THAT
	SPECIFICALLY IDENTIFIED IN DRAWINGS FOR INSTALLATION OF WORK. CONTRACTOR SHALL PROTECT EXISTING FINISHES FROM DAMAGE; ANY DAMAGE TO THE EXISTING FACILITY SHALL BE REPAIRED AND
	RESTORED TO MATCH ORIGINAL CONDITION. 5. CONTRACTOR SHALL BE RESPONSIBLE FOR REROUTING ANY EXISTING SERVICES THAT MAY BE EFFECTED BY CONSTRUCTION IN SUCH A
	MANNER THAT FULL CONTINUATION OF SERVICE SHALL BE MAINTAINED. 6. PATCH ALL EXISTING WALLS AS NECESSARY.
	DEMOLITION ELECTRICAL NOTES
	1. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES LOCATED IN WALLS
	SCHEDULED FOR DEMOLITION, REMOVE WIRE AND CONDUIT TO LAST ACTIVE DEVICE. 2. ELECTRICAL DEVICES INDICTED IN WALLS TO REMAIN SHALL REMAIN
	ACTIVE, CONTRACTOR SHALL TRACE CIRCUITS AND ADJUST WIRING TO KEEP ACTIVE. 3. DISCONNECT AND REMOVE ALL EXISTING LIGHTING IN AREAS
	SCHEDULED FOR DEMOLITION, FLUORESCENT FIXTURES SHALL BE PROPERLY DISPOSED INCLUDING FLUORESCENT LAMPS AND BALLASTS. 4. ALL TELECOMMUNICATION WIRING TO DEVICES SCHEDULED FOR
	DEMOLITION SHALL BE REMOVED BACK TO SOURCE. 5. THE DEMOLITION CONTRACTOR SHALL PROPERLY DISPOSE OF ALL MATERIAL.
	DEMOLITION PLUMBING NOTES
	 DISCONNECT AND REMOVE ALL PLUMBING FIXTURES LOCATED IN WALLS SCHEDULED FOR DEMOLITION, CAP WATER LINES AT SOURCE. SANITARY CONNECTIONS SHALL BE REMOVED BACK AT ACTIVE SOURCE
	OR CLEAN OUT.3. PLUMBING FIXTURES SHALL BE DISPOSED OF PROPERLY.
	WALL LEGEND
	# DATE ISSUED WITH / CHANGE DESCRIPTION
	COEY RESIDENCE
	AND ADDITION
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	KEISER
	DESIGN
	GROUP
	800 Cross Pointe Road, Suite M I Gahanna, OH 43230 Phone: 614.864.9999
_	www.keiserdesigngroup.com
	www.keiserdesigngroup.com
F	www.keiserdesigngroup.com KDG PROJECT # 2019-209 SHEET NUMBER
	www.keiserdesigngroup.com





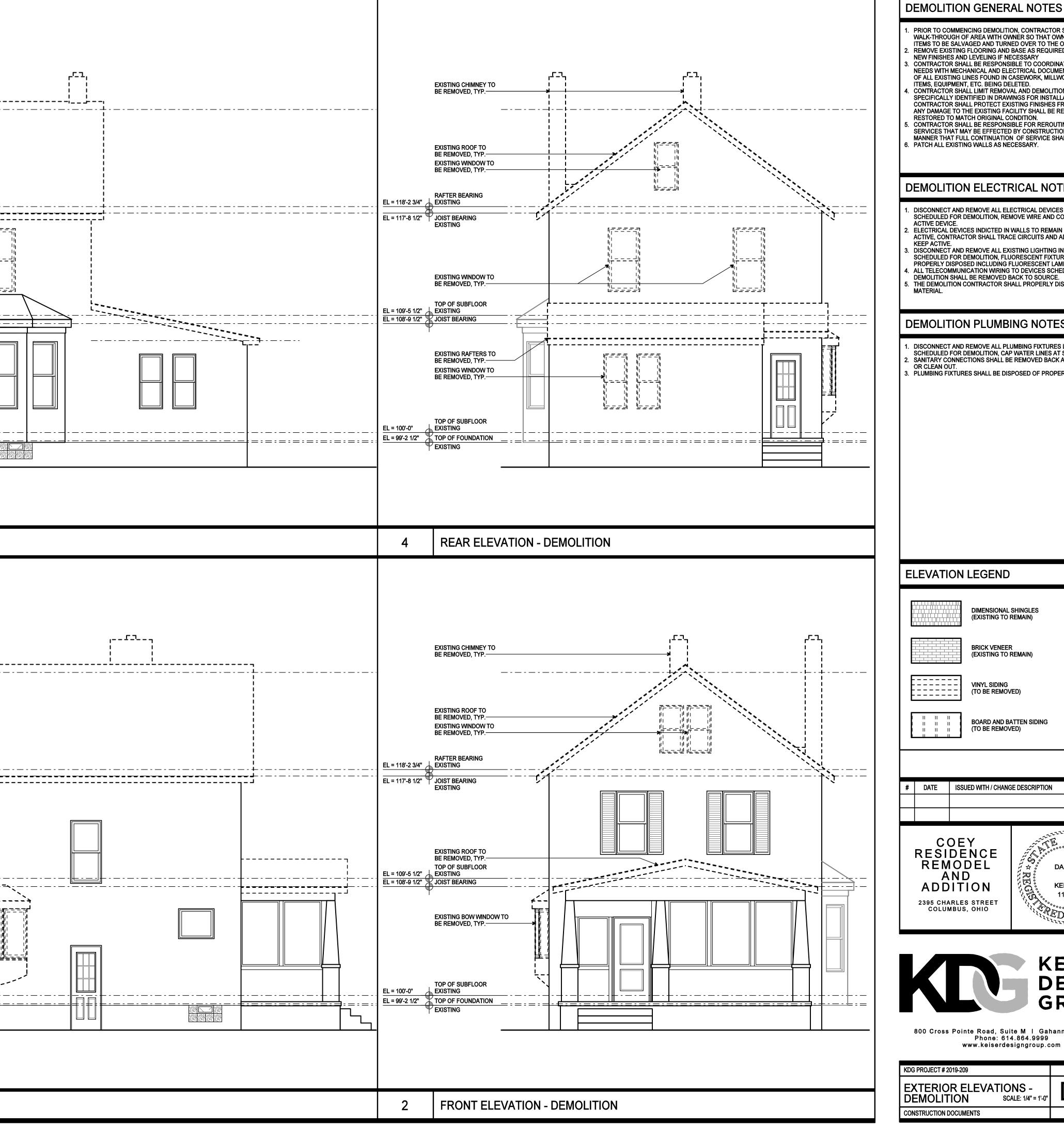
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PRIOR TO COMMENCING DEMOLITION, CONTRACTOR SHALL PERFORMATION PRIOR TO COMMENCING DEMOLITION, CONTRACTOR SHALL PERFORM REMOVE EXISTING LOORING AND DESCEAFEOT TO THE OWNER SEALVAGE AND TUNNED OVER TO THE CONTRACTOR SHALL PERFORMED TO THE OWNER SEALVAGE AND TUNNED OVER TO THE OWNER AND COMMENTED IN SEASURE AND COMMENTED SHALL BERESPONSIBLE TO ORDINATE ALL DEMOLITION WORK TO TH SEALVING LINES FORDIN IN CASEWORK, MILLWORK, PLUMBIN THANS, EQUIPMENT, ETC. BEING DELETED. CONTRACTOR SHALL BERESPONSIBLE FOR REMOLITION WORK TO TH SECOLIFICALLY IDENTIFIED IN DRAWINGS FOR INSTALLATION OF WOR CONTRACTOR SHALL BERESPONSIBLE FOR REMOLITION WORK TO TH SECOLIFICALLY DENTIFIED IN DRAWINGS FOR INSTALLATION OF WOR SECONTRACTOR SHALL BERESPONSIBLE FOR REMOLITION WORK TO TH SECOLIFICALLY DENTIFIED IN DRAWINGS FOR INSTALLATION OF WOR SECONTRACTOR SHALL BERESPONSIBLE FOR REMOLITION WORK TO TH SECONTRACTOR SHALL BERESPONSIBLE FOR REMOLITION WORK TO TH SECONTRACTOR SHALL BE RESPONSIBLE FOR REMOLITION WORK TO TH SECONTRACTOR SHALL BE RESPONSIBLE FOR REMOLITION WORK TO TH SECONTRACTOR SHALL BE RESPONSIBLE FOR REMOLITION WORK TO TH SCHEDULED FOR DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOLITION WORK TO TH SCHEDULED FOR DEMOLITION, REMOVE WIRE AND CONDITION LANGE TO DEMOLITION ENTRY EVENTS SCHEDULED FOR DEMOLITION, REMOVE WIRE AND CONTRACTOR SHALL BE MAINTAL SCHEDULED FOR DEMOLITION, REMOVE WIRE AND CONTRACTOR DELECTRICAL DEVICES INDICTED IN WALLS TO REMAIN SHALL REMAIN ACTIVE CONTRACTOR SHALL TACCE CIRCUITS AND ADJUST WIRING TO EVALUATE SHALL BE REMOVED SHALL BE AND ADJUST WIRING TO EVALUATE SHALL BE REMOVED SHALL BE AND ADJUST WIRING SCHEDULED FOR DEMOLITION, CAY WATER LINES AT SOURCE DESCONNECT AND REMOVE ALL PLUMBING FIXTURES SHALL BE PROPERLY DISPOSED OF PROPERLY. DISCONNECT AND REMOVE ALL PLUMBING FIXTURES LOCATED IN M SCHEDULED FOR DEMOLITION, CAY WATER LINES AT SOURCE. SANTARY CONNECTIONS SHAL
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WALL LEGEND
EXISTING WALL TO BE REMOVED
DATE ISSUED WITH / CHANGE DESCRIPTION
COEY RESIDENCE REMODEL AND ADDITION 2395 CHARLES STREET COLUMBUS, OHIO
KEISE DESIG GROU
DESIG
800 Cross Pointe Road, Suite M Gahanna, OH 4323 Phone: 614.864.9999

CONSTRUCTION DOCUMENTS

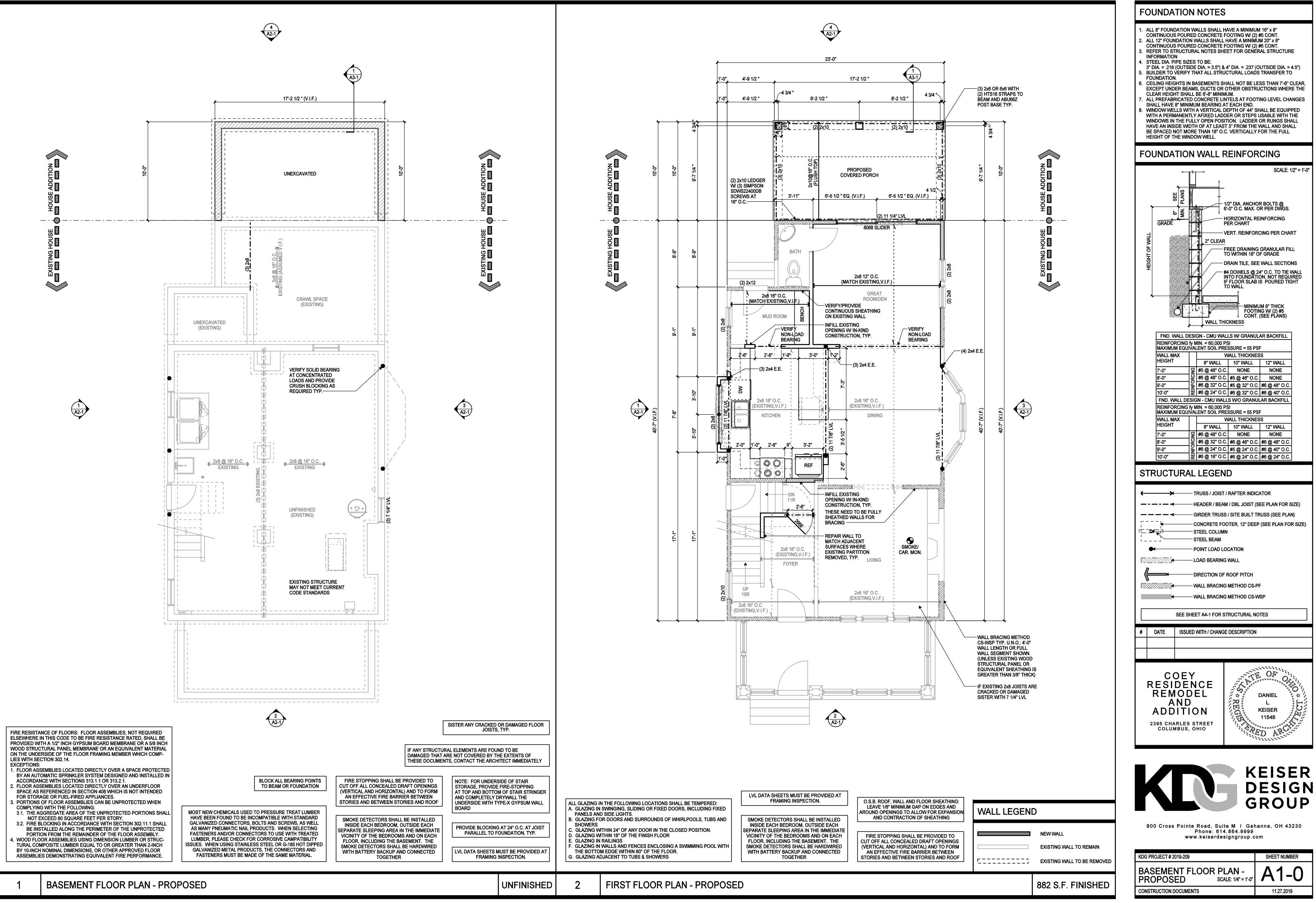
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	EXISTING CHIMNEY TO BE REMOVED, TYP.			 	<u>, , , , , , , , , , , , , , , , , , , </u>		
	Existing Roof to Be removed, typ					 	
EL = 118'-2 3/4" 🦯	RAFTER BEARING						
EL = 117'-8 1/2"	JOIST BEARING EXISTING			 	 		
	EXISTING WINDOW TO BE REMOVED, TYP						- - - - - -
EL = 109'-5 1/2" EL = 108'-9 1/2"	TOP OF SUBFLOOR EXISTING JOIST BEARING			 	 		
EL = 100'-0" EL = 99'-2 1/2"	TOP OF SUBFLOOR EXISTING TOP OF FOUNDATION _ EXISTING	۔ 		 	 		
	-			KUKUKUKU)			
3	RIGHT ELE	/ATION - DI	EMOLITION	KAKAKAKA			
3	EXISTING CHIMNEY TO BE REMOVED, TYP.	/ATION - DI	EMOLITION				
3	EXISTING CHIMNEY TO	<u>'ATION - DI</u>					
<u>EL = 118'-2 3/4"</u>	EXISTING CHIMNEY TO BE REMOVED, TYP.	<u>'ATION - DI</u>					
EL = 118'-2 3/4" EL = 117'-8 1/2" EL = 109'-5 1/2"	EXISTING CHIMNEY TO BE REMOVED, TYP. EXISTING ROOF TO BE REMOVED, TYP. RAFTER BEARING EXISTING JOIST BEARING EXISTING EXISTING WINDOW TO BE REMOVED, TYP. EXISTING BOW WINDOW T BE REMOVED, TYP. EXISTING ROOF TO BE REMOVED, TYP. TOP OF SUBFLOOR EXISTING						
EL = 118'-2 3/4" EL = 117'-8 1/2" EL = 109'-5 1/2"	EXISTING CHIMNEY TO BE REMOVED, TYP. EXISTING ROOF TO BE REMOVED, TYP. RAFTER BEARING EXISTING JOIST BEARING EXISTING EXISTING WINDOW TO BE REMOVED, TYP. EXISTING BOW WINDOW T BE REMOVED, TYP. EXISTING ROOF TO BE REMOVED, TYP. TOP OF SUBFLOOR						

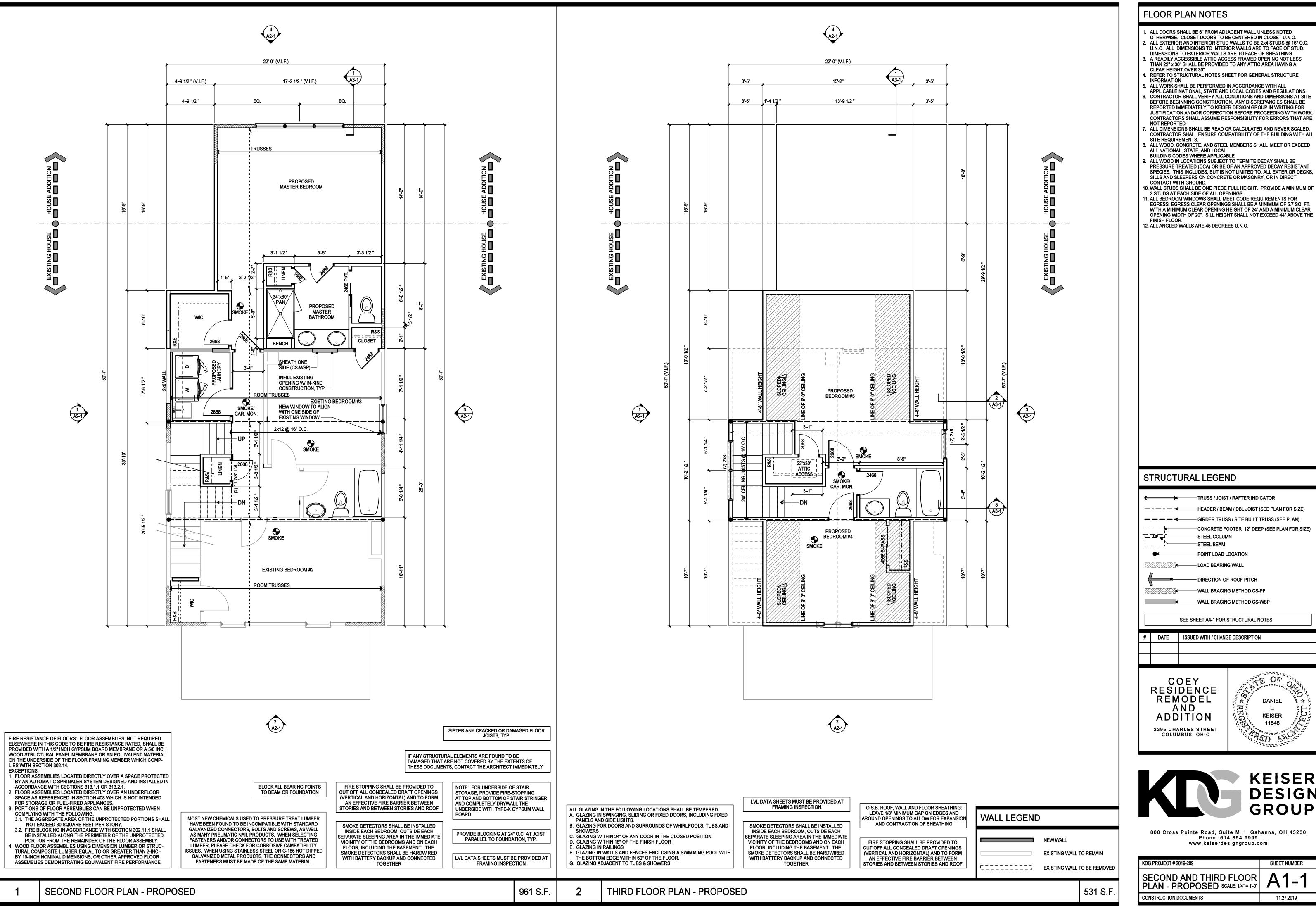


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KDG PROJECT # 2019-209	SHEET NUMBER
EXTERIOR ELEVATIONS - DEMOLITION SCALE: 1/4" = 1'-0"	D2-1
CONSTRUCTION DOCUMENTS	11.27.2019



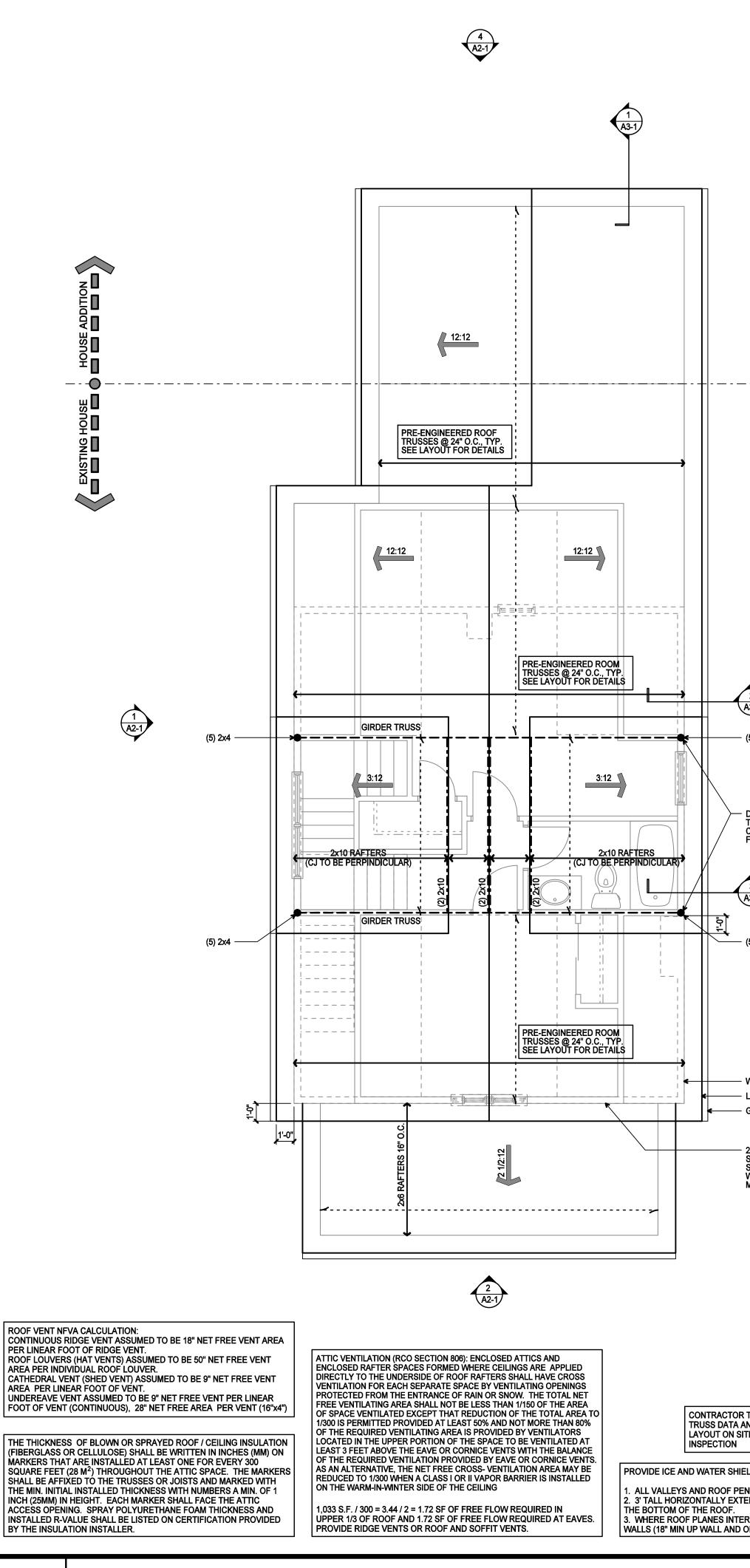
KDG PROJECT # 2019-209	SHEET NUMBER
BASEMENT FLOOR PLAN - PROPOSED SCALE: 1/4" = 1'-0"	A1-0
CONSTRUCTION DOCUMENTS	11.27.2019



TRUSS / JOIST / RAFTER INDICATOR - - - - - - - - - GIRDER TRUSS / SITE BUILT TRUSS (SEE PLAN) - CONCRETE FOOTER, 12" DEEP (SEE PLAN FOR SIZE) - STEEL COLUMN - POINT LOAD LOCATION LOAD BEARING WALL WALL BRACING METHOD CS-PF ✓ WALL BRACING METHOD CS-WSP SEE SHEET A4-1 FOR STRUCTURAL NOTES ISSUED WITH / CHANGE DESCRIPTION TE OF DANIEL :万 KEISER 11548 RED KEISER DESIGN GROUP 800 Cross Pointe Road, Suite M | Gahanna, OH 43230 Phone: 614.864.9999 www.keiserdesigngroup.com

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KDG PROJECT # 2019-209	SHEET NUMBER
SECOND AND THIRD FLOOR PLAN - PROPOSED SCALE: 1/4" = 1'-0"	
CONSTRUCTION DOCUMENTS	11.27.2019

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ROOF PLAN - PROPOSED

-

EXISTING HOUSE HOUSE HOUSE ADDITION		
2 A3-1 (5) 2x4		
DESIGN GIRDER TRUSSES TO CARRY LOADS FROM CONVENTIONALLY FRAMED FLOOR AND ROOF 3 A3-1 (5) 2x4		
 WALL BELOW, TYP. LINE OF ROOF, TYP. GUTTER, TYP. 2x8 LEDGER W/ (3) SIMPSON SDWS22400DB SCREWS AT 16" O.C. WHERE LOW ROOF/CLG MEETS WALL 		
R TO PROVIDE AND TRUSS ITE AT FRAMING R TO ROVIDE AND TRUSS		
Integer RAFTERS OR TRUSSES ARE AT FRAMING RAFTERS OR TRUSSES ARE 24" O.C. OR GREATER 24" O.C. ELD AT: OVERLAY FRAMING: @ 24" O.C. ENETRATRIONS. 0'-0" - 6'-0" SPAN = 2x4s FENDING FROM 6'-0" - 9'-0" SPAN = 2x6s 9'-0" - 12'-0" SPAN = 2x8s 12'-0" - 15'-0" SPAN = 2 x 10s 15'-0" - 18'-0" SPAN = 2 x 12s 15'-0" - 18'-0" SPAN = 2 x 12s	2	NOT USED

FLOOR PLAN NOTES

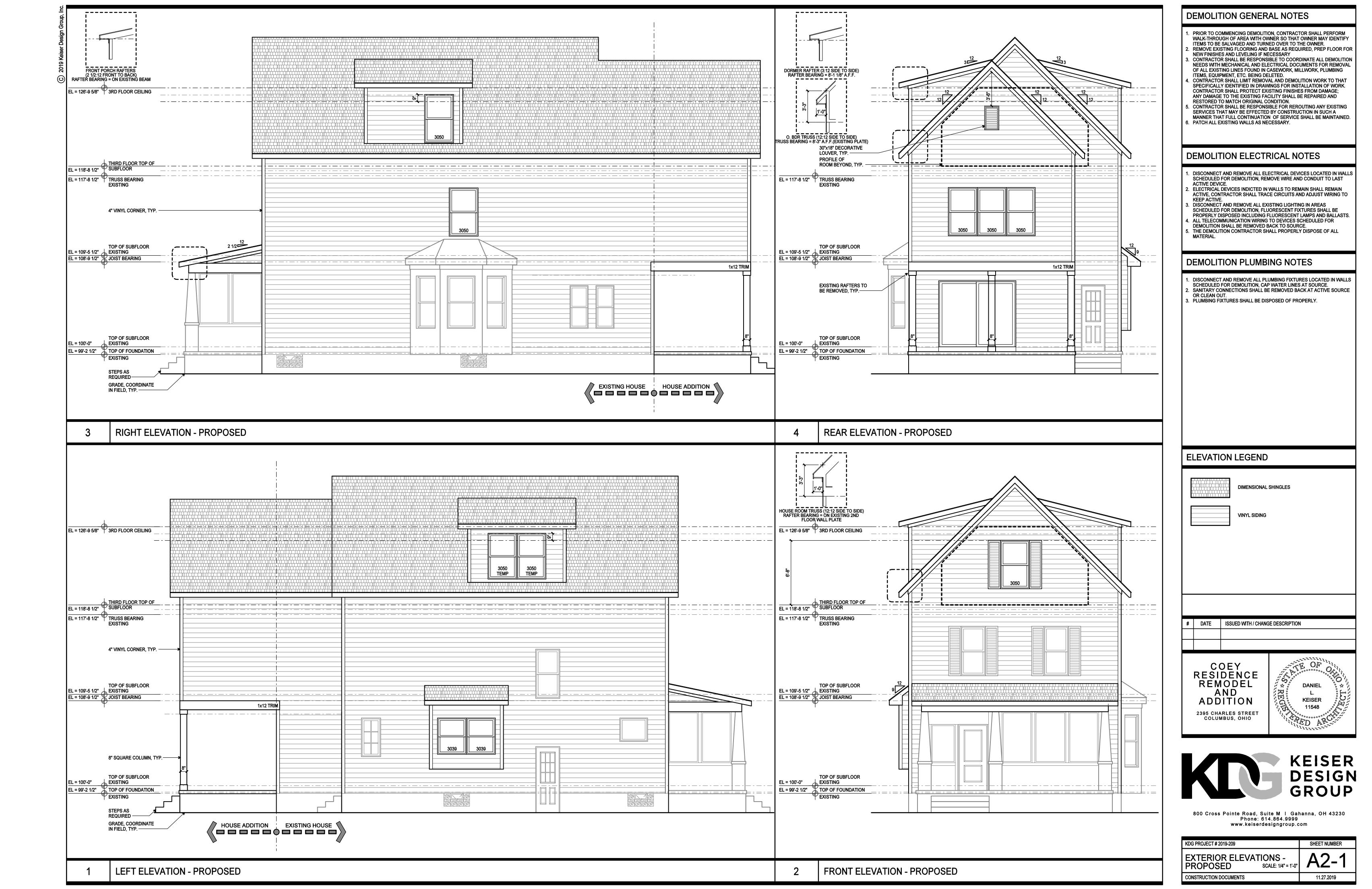
- ALL DOORS SHALL BE 6" FROM ADJACENT WALL UNLESS NOTED OTHERWISE. CLOSET DOORS TO BE CENTERED IN CLOSET U.N.O.
 ALL EXTERIOR AND INTERIOR STUD WALLS TO BE 2x4 STUDS @ 16" O.C. U.N.O. ALL DIMENSIONS TO INTERIOR WALLS ARE TO FACE OF STUD.
- DIMENSIONS TO EXTERIOR WALLS ARE TO FACE OF SHEATHING 3. A READILY ACCESSIBLE ATTIC ACCESS FRAMED OPENING NOT LESS THAN 22" x 30" SHALL BE PROVIDED TO ANY ATTIC AREA HAVING A CLEAR HEIGHT OVER 30".
- REFER TO STRUCTURAL NOTES SHEET FOR GENERAL STRUCTURE INFORMATION
 ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL
- APPLICABLE NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.
 CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO KEISER DESIGN GROUP IN WRITING FOR JUSTIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED.
- 7. ALL DIMENSIONS SHALL BE READ OR CALCULATED AND NEVER SCALED. CONTRACTOR SHALL ENSURE COMPATIBILITY OF THE BUILDING WITH ALL SITE REQUIREMENTS.
- 8. ALL WOOD, CONCRETE, AND STEEL MEMBERS SHALL MEET OR EXCEED ALL NATIONAL, STATE, AND LOCAL
- BUILDING CODES WHERE APPLICABLE.
 9. ALL WOOD IN LOCATIONS SUBJECT TO TERMITE DECAY SHALL BE PRESSURE TREATED (CCA) OR BE OF AN APPROVED DECAY RESISTANT SPECIES. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL EXTERIOR DECKS, SILLS AND SLEEPERS ON CONCRETE OR MASONRY, OR IN DIRECT CONTACT WITH GROUND.
 10. WALL STUDS SHALL BE ONE PIECE FULL HEIGHT. PROVIDE A MINIMUM OF
- WALL STODS STALL BE ONE FIELE FOLL HEIGHT. FROVIDE A MINIMOW OF 2 STUDS AT EACH SIDE OF ALL OPENINGS.
 ALL BEDROOM WINDOWS SHALL MEET CODE REQUIREMENTS FOR EGRESS. EGRESS CLEAR OPENINGS SHALL BE A MINIMUM OF 5.7 SQ. FT. WITH A MINIMUM CLEAR OPENING HEIGHT OF 24" AND A MINIMUM CLEAR OPENING WIDTH OF 20". SILL HEIGHT SHALL NOT EXCEED 44" ABOVE THE
- FINISH FLOOR. 12. ALL ANGLED WALLS ARE 45 DEGREES U.N.O.

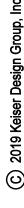
STRUCTURAL LEGEND

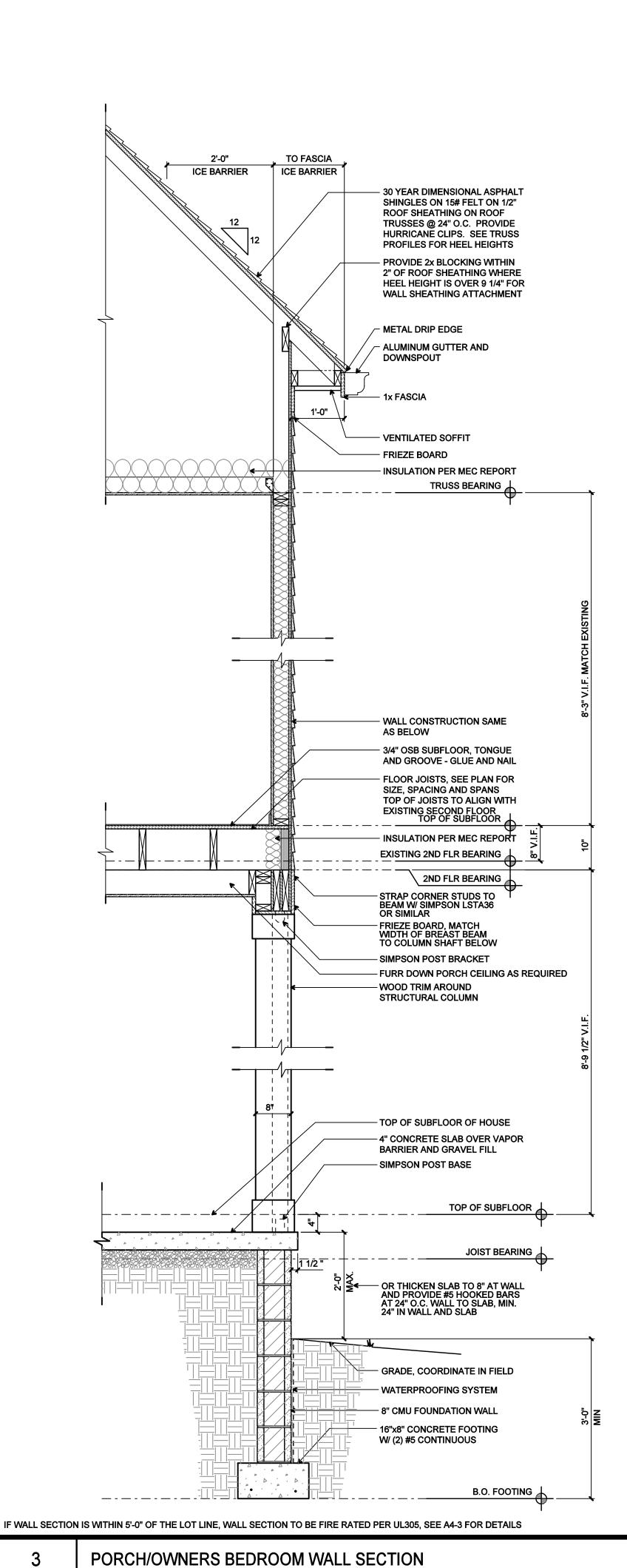
		HEADER / BEA GIRDER TRUS CONCRETE FO STEEL COLUN STEEL BEAM POINT LOAD L LOAD BEARING DIRECTION OF WALL BRACIN	OCATION G WALL
		SEE SHEET A4-1 FOR S	STRUCTURAL NOTES
#	DATE	ISSUED WITH / CHANG	SE DESCRIPTION
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			KEISER DESIGN GROUP

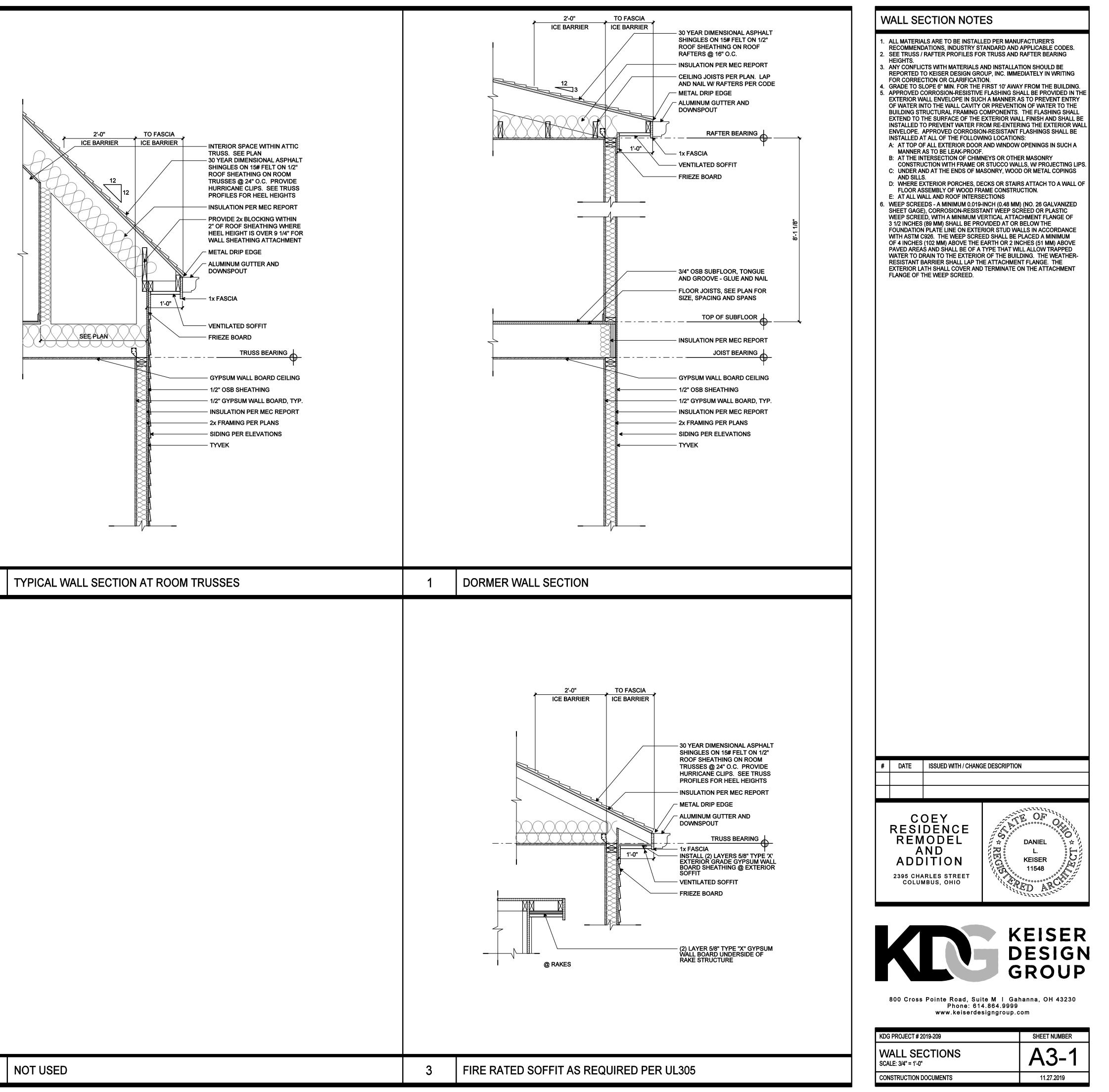
800 Cross Pointe Road, Suite M I Gahanna, OH 43230 Phone: 614.864.9999 www.keiserdesigngroup.com

KDG PROJECT # 2019-209	SHEET NUMBER
ROOF PLAN - PROPOSED SCALE: 1/4" = 1'-0"	A1-2
CONSTRUCTION DOCUMENTS	11.27.2019



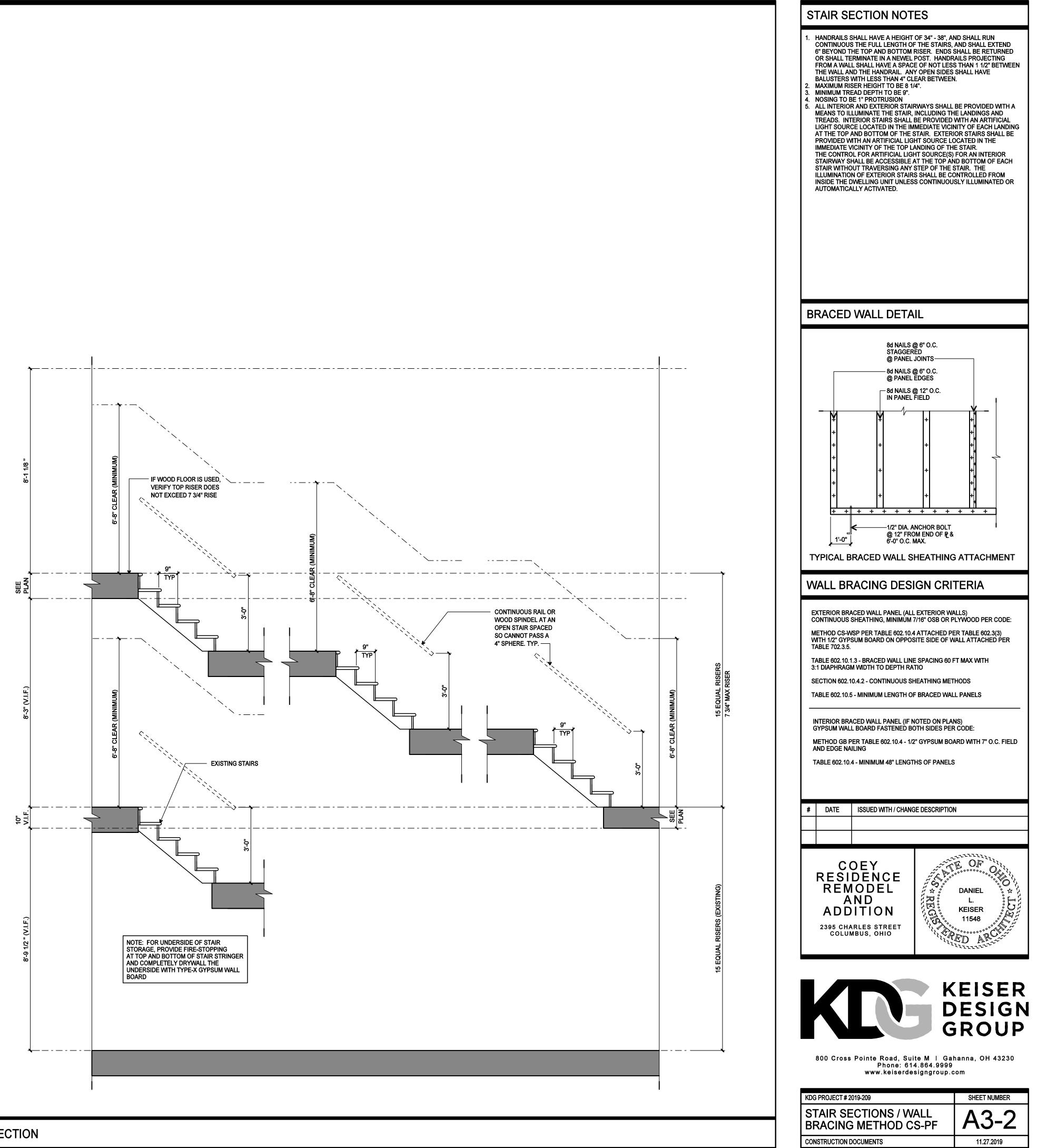






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DOCUMENT OWNERSHIP ALL DRAWINGS AND SPECIFICATIONS PREPARED AS PART OF THIS COMMISSION ARE THE PROPERTY OF KEISER

DESIGN GROUP, INC. AND WILL NOT BE TRANSFERRED OR USED ON ANY OTHER PROJECT WITHOUT WRITTEN AGREEMENT.

GENERAL REQUIREMENTS:

- WORK PERFORMANCE SHALL COMPLY WITH THE FOLLOWING: PACKAGE CONTAINING BOTH SPECIFICATIONS (IF PROVIDED) AND DRAWINGS.
- 2) APPLICABLE STATE AND LOCAL BUILDING CODES AND THE RULES AND REGULATIONS OF GOVERNMENTAL AGENCIES AND UTILITY COMPANIES HAVING JURISDICTION OVER THE WORK.

INTENT OF CONTRACT DOCUMENTS:

THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK BY THE CONTRACTOR AND SUBCONTRACTOR.

<u>workmanship:</u>

ALL THE WORKMANSHIP SHALL CONFORM TO ALL APPLICABLE BUILDING CODES. ORDINANCES, AND ACCEPTABLE BUILDING STANDARDS. THE CONTRACTOR SHALL PAY FOR ALL PERMITS AND FEES.

ON-SITE & EXISTING CONDITIONS VERIFICATION:

THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING HIS BID TO REVIEW THE PROJECT WITH THE OWNER AND TO BECOME FAMILIAR WITH EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO COMMENCING THE WORK. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

COORDINATION OF THE WORK: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE WORK AND METHODS OF CONSTRUCTION.

INTERPRETATION OF CONTRACT DOCUMENTS: SHOULD DISCREPANCIES OR AMBIGUITIES IN, OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATION BE FOUND, OR

INQUIRIES RELATIVE TO THE MEANING OR INTENT OF THE CONTRACT DOCUMENTS ARISE, THEY SHALL BE SUBMITTED TO THE ARCHITECT AND WILL BE ANSWERED BY ADDENDA. SUCH INSTRUCTIONS AND OTHER ADDENDA ISSUED PRIOR TO DATE OF THE SIGNING OF THE AGREEMENT WILL BE CONSIDERED AS PART OF THE CONTRACT DOCUMENTS AND BE BINDING TO THE CONTRACT AND SUBCONTRACTOR.

MANUFACTURERS PRODUCTS AND FABRICATIONS:

ALL MANUFACTURERS AND FABRICATORS PRINTED WARNING FOR HANDLING OF HIS PRODUCTS MUST BE STRICTLY OBSERVED. ALSO AS PER LOCAL CODES AND OTHER REQUIREMENTS.

ALL PRODUCTS AND MATERIALS MUST BE PROVIDED AND INSTALLED IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER. IN THE EVENT OF CONFLICT BETWEEN THE DRAWINGS OR THE SPECIFICATIONS AND THE MANUFACTURER'S RECOMMENDATIONS, NOTIFY THE ARCHITECT AND OBTAIN CLARIFICATION BEFORE PROCEEDING WITH THE WORK.

FIREPLACE NOTES

CHIMNEY OUTLETS SHALL BE LOCATED A MINIMUM OF 3-0 ABOVE THE HIGHEST POINT AT WHICH THE CHIMNEY PENETRATES THE ROOF. CHIMNEY OUTLETS SHALL BE A MINIMUM OF 2-0 HIGHER THAN ANY PORTION OF THE BUILDING WITHIN 10-0.

CONSTRUCTION DEBRIS:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EXCESS DIRT AND DEBRIS FROM THE EXCAVATION, DEMOLITION AND CONSTRUCTION AS REQUIRED.

PROPERTY PROTECTION:

PRECAUTIONS SHALL BE TAKEN TO PROTECT THE GROUNDS, PLANTINGS, DRIVE, ETC. FROM ANY DAMAGE. DAMAGE INCURRED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING AT THE CONTRACTORS EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING DUST PROOF BARRIERS AT AREAS WHICH ARE UNDER CONSTRUCTION.

CONSTRUCTION MATERIALS:

ALL MATERIALS SHALL BE STORED ON THE SITE AS DIRECTED BY THE OWNER OR GENERAL CONTRACTOR. MISCELLANEOUS NOTES:

ROOF TRUSS PROFILES ARE SHOWN FOR CONFIGURATION ONLY. TRUSS MANUFACTURER AND CONTRACTOR TO COORDINATE ALL DIMENSIONAL RELATIONSHIPS. ALL ROOF TRUSSES AND GIRDERS TO BE ENGINEERED BY TRUSS SUPPLIER AND MANUFACTURER. SEND TRUSS SHOP DRAWINGS TO ARCHITECT FOR REVIEW OF ARCHITECTURAL CONFIGURATION. ALL TRUSSES TO BE ENGINEERED BY TRUSS MANUFACTURER ACCORDING TO THE LOADING INDICATED IN THESE DOCUMENTS.

THE BUILDING IS NOT STRUCTURALLY STABLE UNTIL ALL CONNECTIONS, FRAMING, SHEAR WALLS, X BRACING, AND EXTERIOR LOAD BEARING MASONRY WALLS ARE COMPLETE AND HAVE ACHIEVED DESIGN STRENGTH. CONTRACTOR IS SOLELY RESPONSIBLE TO MAINTAIN STRUCTURAL STABILITY DURING ERECTION AND CONSTRUCTION. TEMPORARY BRACING SYSTEMS ARE NOT TO BE REMOVED UNTIL STRUCTURAL WORK IS COMPLETED.

CALCULATED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.

ALL ANGLED WALLS ARE A 45 OR 90 DEGREE ANGLE, UNLESS OTHERWISE NOTED.

ADJUST OVERHANGS TO MAINTAIN CONSISTENT LEVEL WHEN THE PLANS CALL FOR (2) DIFFERENT PITCHES AT A HIP.

FINISHED SQUARE FOOTAGES ARE MEASURED TO THE OUTSIDE OF ALL WALLS THEY INCLUDE INTERIOR FIREPLACES AND EVERY LOCATION IN WHICH THE FLOOR JOISTS PROJECT FROM THE FOUNDATION.

NOT INCLUDED IN SQUARE FOOTAGES: WINDOW BOXES WHERE THE FLOOR JOISTS DO NOT PROJECT FROM THE OUNDATION, 2-STORY ENTRIES, GARAGES, DECKS, PATIOS, PORCHES, UNFINISHED STORAGE AREAS, BASEMENTS OF ANY OTHER UNFINISHED STORAGE AREAS.

OWNERS PERSONAL PROPERTY:

THE OWNER SHALL BE RESPONSIBLE FOR REMOVING PERSONAL PROPERTY AS REQUIRED BY THE CONTRACTOR TO PROVIDE CLEAR AND EASY ACCESS TO ALL AREAS UNDER CONSTRUCTION.

POST CONSTRUCTION NOTES:

AT THE COMPLETION OF THE PROJECT AND DURING THE PROJECT AS NECESSARY, CONTRACTOR SHALL THOROUGHLY CLEAN ALL WORK, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

- I) REMOVAL OF MORTAR SPLATTERS OR STRAINS FROM ALL INTERIOR AND EXTERIOR FINISHES.
- REMOVAL OF MASONRY WATERPROOFING ABOVE FINISH GRADE. REMOVAL OF ANY SPLATTERS OR STAINS FROM EXTERIOR SIDING, ROOFING, OR OTHER EXTERIOR MATERIALS.
- REMOVAL OF ALL STAINS FROM ALL EXPOSED CONCRETE WORK, WITH EXCEPTION OF CRAWL SPACE CONCRETE. REMOVAL OF STAINS AND CLEANING OF ALL INTERIOR FINISHES (COUNTERTOPS, PLUMBING FIXTURES, FLOORING, ETC.). THOROUGH CLEANING OF FAUCET SCREENS AND PLUMBING TRAPS.
- 6) VACUUMING OF ALL FLOORS, FOLLOWED BY WET MOPPING OF ALL HARD SURFACE FLOORS. 7) DUSTING OF ALL WALLS, CEILINGS, TRIM, DOORS, WINDOWS, CABINETS, ETC., INCLUDING THE INTERIOR SURFACES OF ALL CABINETS.
- 8) REMOVAL OF ALL WINDOWS AND DOORS STICKERS, INCLUDING GLUE RESIDUE, PAINT OR STAIN OVERLAPPING ON GLASS AND OTHER GLASS SPLATTERS.
- 9) POLISHING OF ALL WINDOWS, MIRRORS OR SURFACES WITH REFLECTIVE OR TRANSPARENT QUALITIES. 10) ADDITIONALLY, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, INCLUDING VACUUMING, OF ALL CONSTRUCTION, OR OTHER DEBRIS, FROM JOIST, RAFTER, STUD OR OTHER CAVITIES, PRIOR TO GYPSUM BOARD, INSULATION, FINISHED FLOORING OR SURFACING.

DEMOLITION NOTES: (IF APPLICABLE)

GENERAL NOTES

WHERE EXISTING STRUCTURE IS TO BE REMOVED, REMAINING STRUCTURE SHALL BE ADEQUATELY SUPPORTED USING TEMPORARY BRACING, UNDERPINNING, OR OTHER SHORING, AS NECESSARY, PRIOR TO THE BEGINNING OF DEMOLITION. TEMPORARY SUPPORT TO REMAIN IN PLACE AND UNDISTURBED TILL FINAL CONSTRUCTION OR PERMANENT STRUCTURE COMPLETED.

DISMANTLE ALL STRUCTURES, FLOORS, FLOORING, WALLS, WINDOWS, DOORS, CABINETS, SHELVING, ETC. AS SHOWN OR REQUIRED. SALVAGE OF MATERIALS TO BE DICTATED BY OWNER. REMOVE, TERMINATE OR RELOCATED ALL EXISTING ELECTRICAL, PLUMBING, HVAC, IT, STEREO WIRING, CENTRAL VACUUM, IRRIGATION SYSTEMS, OR OTHER DEVICES AS REQUIRED FOR DEMOLITION OR NEW CONSTRUCTION. ALL WASTE AND DEBRIS FROM DEMOLITION WORK SHALL PROMPTLY BE REMOVED FROM THE SITE.

CONTRACTOR SHALL UTILIZE ALL MEANS NECESSARY DURING DEMOLITION AND NEW CONSTRUCTION TO INSURE THAT ALL NEW CONSTRUCTION AND EXISTING FINISHED SPACES ARE THOROUGHLY PROTECTED FROM WATER, THERMAL AND WIND DAMAGE, AND SHALL REMEDY, AT THE CONTRACTORS EXPENSE, ANY SUCH DAMAGE THAT MAY OCCUR.

STRUCTURE SHALL BE PROTECTED, AS NECESSARY, WITH TEMPORARY ENCLOSURES FOR WEATHER RELATED PROTECTION AND SECURITY PURPOSES. CONSTRUCTION MATERIALS STORED OUTSIDE SHALL BE COVERED AND PROTECTED WITH WATERPROOF TARPS AND ADEQUATELY SECURED FROM NATURAL AND INDUCED MOVEMENT. WOOD AND SIMILAR MATERIALS SHALL NOT BE STORED IN CONTACT WITH THE GROUND.

BARRIERS, BARRICADES, SIGNS, WARNING LIGHTS OR OTHER SAFETY DEVICES SHALL BE PROVIDED TO INSURE SAFETY TO THE OWNER, WORKERS AND THE GENERAL PUBLIC FROM HAZARDOUS CONDITIONS WHICH MAY ARISE AS A RESULT OF THE WORK. TO MINIMIZE INTRUSION OF DUST AND OTHER DEBRIS. CONSTRUCTION AREAS SHALL BE SEALED-OFF FROM INTERIOR SPACES WITH PLASTIC ENCLOSURES WITH ZIPPERED DOORWAY, OR SIMILAR. DUST, DEBRIS, AIRBORNE PAINTS, DISTURBING OR TOXIC FUMES OR OTHERS, ARE TO BE ISOLATED FROM EXISTING FINISH SPACES, AS WELL AS FROM THE GENERAL PUBLIC. DAMAGE RESULTING FROM THE PREVIOUSLY MENTIONED TO BE REMEDIED BY THE CONTRACTOR.

WHERE DEMOLITION, CONSTRUCTION, OR RELATED ACTIVITIES ARE TO OCCUR IN AREAS WITH EXISTING CARPET, HARDWOOD, VINYL OR CERAMIC FLOOR FINISH, ADEQUATE PROTECTIVE COVERINGS SHALL BE TEMPORARILY INSTALLED, BY THE CONTRACTOR, TO PROTECT FINISHES FROM DAMAGE. HVAC LOUVERS AND DIFFUSERS SHALL BE COVERED WITH TEMPORARY FILTERS DURING THE DEMOLITION AND CONSTRUCTION PHASE.

WHERE NECESSARY, CONTRACTOR SHALL PROVIDE A PORTABLE TOILET FOR USE BY ALL PERSONNEL, LOCATED WHERE DIRECTED BY OWNER, WHICH SHALL BE CLEANED AND SERVICED ON A REGULAR BASIS. CONTRACTOR RESPONSIBLE FOR ALL PERMITS AND ZONING ORDINANCES AFFILIATED WITH PORTABLE TOILETS, WHERE APPLICABLE.

AND METHODS OR JOB SITE SAFETY DURING CONSTRUCTION.

. GENERAL

- 2. IT IS SOLELY THE RESPONSIBILITY OF EACH CONTRACTOR TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING
- SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.
- 4. GOVERNING CODE: 2019 RESIDENTIAL CODE OF OHIO 5. DESIGN ROOF SNOW LOAD: 25 PSF PLUS THE EFFECTS OF DRIFTING SNOW PER ASCE7. GROUND SNOW LOAD (Pa) = 25 PSF | FLAT ROOF SNOW LOAD = 20 PSF |
- 6. DESIGN LIVE LOADS:
- WIND DESIGN PARAMETERS:
- 8. SEISMIC DESIGN PARAMETERS OCCUPANCY CATEGORY = II | SITE CLASS = D
- 9. SOIL DESIGN ASSUMPTIONS b. EQUIVALENT FLUID PRESSURE FOR WALL LOADING = 55 PCF
- ASSUMED WALL LOADING IS CORRECT.

B. REINFORCED CONCRETE

- 1. MATERIALS: CONCRETE.
- b. STRUCTURAL CONCRETE CLASS
- LOCATION FOOTINGS, PIERS AND UNDE INTERIOR SLABS ON GRADE CONCRETE NOT OTHERWISE
- EXTERIOR SLABS ON GRADE BASEMENT WALL, PIERS AND
- INTEGRALLY WITH BASEMENT WALLS, AND ALL EXTERIOR CONCRETE NOT OTHERWISE IDENTIFIED.
- c. ALL DEFORMED REINFORCING BARS: FY = 60,000 d. ALL WELDED WIRE MESH: ASTM A-185 MINIMUM 8" LAPS
- OR THE BASEMENT WALLS HAVE BEEN SUFFICIENTLY BRACED TO PREVENT DAMAGE BY BACKFILL.
- 3. ALL ALL OPENINGS AND REENTRANT CORNERS IN FOUNDATION WALLS, PROVIDE MINIMUM ONE #4 REBAR x 24" LONG DIAGONALLY AT EACH CORNER.
- . MASONRY
- AS MODIFIED BY THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS.
- 2. MATERIALS
- STRENGTH = 1800 PSI.
- U.N.O. e. BAR REINFORCING: ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE. f. WIRE TIES AND ANCHORS: RECTANGULAR TYPE, 3/16" DIAMETER WIRE TIES (HOT DIPPED GALVANIZED).
- h FILL CORE SOLID AROUND ANCHOR BOLTS
- 3. LINTELS
- FOR EACH 4 INCHES OF WALL THICKNESS. USE 6 INCHES MINIMUM BEARING EACH END. MASONRY OPENINGS SECTION | TO 4'-0" L 3 1/2 x 3 1/2 x 5/16 | 4'-1" TO 5'-6" L 4 x 3 1/2 x 5/16 LLV | 5'-7" TO 6'-0" L 5 x 3 1/2 x 5/16 LLV 6'-1" TO 8'-0" L 6 x 3 1/2" x 5/16" LLV

D. STRUCTURAL STEEL

- 1. MATERIALS:
- 150," SIMPSON STRONG-TIE "ACRYLIC-TIE," ITW RED-HEAD "A7 ACRYLIC."
- c. EMBEDMENT LENGTH OF EXPANSION BOLTS INTO SOLID MASONRY OR CONCRETE SHALL BE AS FOLLOWS:
- d. ALL STEEL PIPE COLUMNS TO BE FIXED, NON-ADJUSTABLE, SCHEDULE 40 PIPE COLUMNS.
- 2. CONNECTIONS:
- APPROVED METHOD: BOLTS FLANGE WIDTH
 - 3/8" DIA. @ 30" O.C. .145" DIA. @ 18" O.C.
- **5" OR GREATER** 1/2" DIA. @ 42" O.C.
- SHOWN ON PLANS, WHICHEVER IS GREATER.
- OR REQUIRED BY DESIGN.

E. STRUCTURAL LUMBER

2. SPECIFICATIONS:

3. CONNECTIONS:

3b

- I. MATERIALS:
- THE NATIONAL DESIGN SPECIFICATION SUPPLEMENT 2018 EDITION; 19% MAX. M.C.

- TONGUE AND GROOVE.

2018 INTERNATIONAL RESIDENTIAL CODE

MANUFACTURER'S RECOMMENDATIONS.

STRUCTURAL NOTES

TOP AND BOTTOM ROWS 12"

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLEY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE, AND TO ENSURE THE STABILITY OF THE BUILDING AND IT'S COMPONENT PARTS, AND THE ADEQUACY OF TEMPORARY OR INCOMPLETE CONNECTIONS, DURING ERECTION. THIS INCLUDES THE ADDITION OF ANY SHORING, SHEETING, TEMPORARY GUYS, BRACING OR TIE-DOWNS THAT MIGHT BE NECESSARY. SUCH MATERIAL IS NOT SHOWN ON THE DRAWINGS. IF APPLIED, THEY SHALL BE REMOVED AS CONDITIONS PERMIT, AND SHALL REMAIN THE CONTRACTOR'S PROPERTY. THE ENGINEER HAS NO EXPERTISE IN, AND TAKES NO RESPONSIBILITY FOR, CONSTRUCTION MEANS

ALL PHASES OF CONSTRUCTION. THE ENGINEER IS NOT ENGAGED IN, AND DOES NOT SUPERVISE, CONSTRUCTION. 3. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THESE STRUCTURAL NOTES, THE

SNOW EXPOSURE FACTOR (Ce) = 1.0 | SNOW LOAD IMPORTANCE FACTOR (I) = 1.0

FIRST FLOOR = 40 PSF + 15 PSF DEAD LOAD | SECOND FLOOR = 40 PSF + 15 PSF DEAD LOAD | ATTIC = 20 PSF (AREAS WHERE HEIGHT IS 30" OR GREATER) | EXTERIOR BALCONIES AND DECKS = 40 PSF OR OCCUPANCY SERVED | ROOF = 25 PSF + 20 PSF DEAD LOAD

BASIC WIND SPEED = 115 MPH | WIND LOAD IMPORTANCE FACTOR = 1.0 | WIND EXPOSURE = EXPOSURE B

a. ASSUMED ALLOWABLE SOIL BEARING PRESSURE FOR FOUNDATIONS = 1500 PSF FIRM STABLE, NATURAL SOILS OR ENGINEERED FILL c. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE SOIL IS ADEQUATE TO SUPPORT THE STRUCTURE AND THAT THE

a. SPECIFICATIONS: IN GENERAL. COMPLY WITH ACI 301-14 "SPECIFICATIONS FOR STRUCTURAL CONCRETE." ACI 318-14 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE," AND ACI 332-14 "RESIDENTIAL CODE REQUIREMENTS FOR STRUCTURAL

	F'C
ERPINNING	3000
e, Walls, and all interior Se identified.	3500
DE, RETAINING WALLS, ND COLUMNS PLACED	4000 (WITH AIR)

2. DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL BOTH THE SLAB-ON-GRADE AND THE FLOOR ABOVE ARE IN PLACE AND CURED

4. PROVIDE CONTROL JOINTS IN SLAB-ON-GRADE AT 10' O.C. MAXIMUM SPACING EACH WAY WITH A MAXIMUM ASPECT RATIO OF 1.5:1.

1. SPECIFICATIONS: MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-05)," PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE, DETROIT, MICHIGAN, EXCEPT

a. CONCRETE BLOCK: ASTM C90. MINIMUM NET AREA COMPRESSIVE STRENGTH OF C.M.U. = 1900 PSI. b. MORTAR: ASTM C270 (USING THE PROPERTY SPECIFICATION METHOD, PARAGRAPH 3.2), TYPE S, MINIMUM COMPRESSIVE

c. BOND BEAM AND CORE FILL: ASTM C476, COARSE OR FINE TYPE, PLACED PER RCO SECTION 609. d. JOINT REINFORCING: HOT-DIPPED GALVANIZED FINISH, 9 GAGE MINIMUM SIDE WIRES AND CROSS WIRES, EXCEPT USE 3/16 INCH DIAMETER SIDE WIRES WHERE "HEAVY WEIGHT" IS REQUIRED. PROVIDE STANDARD WEIGHT AT EVERY OTHER COURSE MINIMUM

g. PROVIDE 100% SOLID BEARING, MINIMUM THREE COURSES UNDER BEAMS, TWO COURSES UNDER LINTELS.

i. PROVIDE 100% SOLID BLOCKS OR SOLIDLY-FILLED HOLLOW BLOCKS FOR AT LEAST 4" ALL AROUND ALL EXPANSION BOLTS.

PROVIDE LINTELS OVER ALL MASONRY OPENINGS AS INDICATED ON THE DRAWINGS OR WHERE NOT NOTED, PROVIDE THE FOLLOWING

a. STRUCTURAL STEEL CHANNEL, ANGLES, PLATES, ETC.: ASTM A36, FY = 36 KSI; STRUCTURAL STEEL WIDE FLANGES: ASTM A572 OR ASTM A992, FY = 50 KSI; HIGH STRENGTH BOLTS: ASTM A325 OR A490; ANCHOR BOLTS: ASTM A307 OR A36; ELECTRODES: SERIES E70; STRUCTURAL PIPES: ASTM A53 OR A501; FY = 35 KSI MIN; SQUARE AND RECTANGULAR TUBING: ASTM A500, FY = 46 KSI; EXPANSION

BOLTS: HILTI "KWIK-BOLT TZ," SIMPSON STRONG-TIE "STRONG BOLT" OR APPROVED EQUAL. ADHESIVE ANCHORS: HILTI "HIT-ICE/HIT HY b. MINIMUM BEAM BEARING ON MASONRY = 7-1/2, ON CONCRETE = 5 INCHES UNLESS NOTED OTHERWISE.

1/2 INCH DIAMETER BOLTS = 3-1/2 INCHES EMBEDMENT | 3/4 INCH DIAMETER BOLTS = 5 INCHES EMBEDMENT

a. WOOD NAILERS SHALL BE PROVIDED AND ATTACHED TO THE TOP FLANGE OF STEEL BEAMS PER THE FOLLOWING OR ANOTHER

POWDER ACTUATED FASTENERS

.145" DIA. @ 18" O.C.

b. BEAM TO COLUMN CONNECTIONS TO BE BOLTED SHEAR TAB OR CAP PLATE TYPE CONNECTIONS, WHERE A CONTINUOUS BEAM WITH A CAP PLATE IS USED, PROVIDE MIN. 3/8" STIFFENER PLATES EACH SIDE OF BEAM WEB CENTERED OVER COLUMN. c. CONNECTIONS TO BE SELECTED BY THE FABRICATOR TO DEVELOP THE FULL UNIFORM LOAD CAPACITY OF THE MEMBER OR FORCES

d. BEAM CONNECTIONS AT OPEN POCKETS IN A FOUNDATION, BEAM CONNECTIONS TO COLUMNS, AND COLUMN CONNECTIONS TO FOUNDATIONS SHALL COMPLY WITH RCO SECTIONS 502.6.3 AND 502.9.1 MINIMUM UNLESS MORE STRICT PROVISIONS ARE SPECIFIED

a. STRUCTURAL LUMBER INCLUDING BEARING AND EXTERIOR WALL STUDS: SPRUCE PINE FIR #2 OR EQUAL, ALLOWABLE STRESSES PER

b. PLYWOOD: CDX, STRUCTURAL II OR BETTER, EXTERIOR GLUE. FOR ROOF AND WALLS: PANEL IDENTIFICATION INDEX 24/0 -7/16 INCH MIN. (WITH PLYWOOD CLIPS). FOR FLOORS: PANEL IDENTIFICATION INDEX 32/16 - 23/32 INCH MIN.

c. OSB: FOR WALLS: MINIMUM 7/16 INCH THICK WITH 24/16 SPAN RATING, EXPOSURE 1. FOR ROOFS: MINIMUM 7/16 INCH THICK WITH 24/16 SPAN RATING, EXPOSURE 1. FOR FLOORS: 23/32 INCH THICK, STURD-I-FLOOR WITH SPAN RATING OF 24 OC, EXPOSURE 1,

d. MICROLAM (LVL): MODULUS OF ELASTICITY = 1,900,000 PSI, Fb = 2,600 PSI. DESIGN BASED ON ILEVEL TRUS JOIST.

UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION SHALL BE GOVERNED BY THE LATEST EDITION OF: NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION | U.S. PRODUCT STANDARD PS1 |

a. JOISTS TO SIDES OF BEAMS: 16 GA. GALVANIZED STD. JOIST HANGERS, UNLESS SHOWN OTHERWISE. b. JOISTS AND TRUSSES TO TOPS OF WALLS AND BEAMS: 18 GA. GALVANIZED HURRICANE ANCHORS.

5. SHEATHING TO FLOOR JOISTS - GLUED AND NAILED - USE 8d COATED SINKERS AT 6 INCHES O/C AT PANEL EDGES AND 12 INCHES C/C AT INTERMEDIATE. SUPPORTS. USE AHESIVES MEETING APA SPECIFICATIONS APG-01 AND APPLIED IN ACCORDANCE WITH

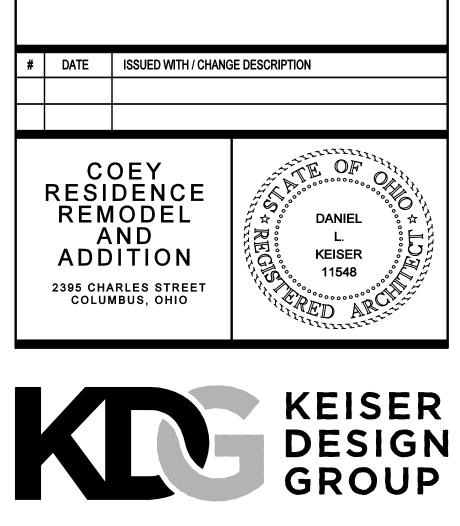
d. SHEATHING TO ROOF TRUSSES OR RAFTERS - NAILED - USED 8d COATED SINKERS @ 6 INCHES O.C. AT PANEL EDGES AND 12 INCHES O/C AT INTERMEDIATE SUPPORTS. PROVIDE PLYWOOD CLIPS AT MID-SPAN OF PLYWOOD BETWEEN SUPPORTS. e. SHEATHING TO WALLS - NAILED - USE 8d COATED SINKERS @ 6 INCHES O.C. AT PANEL EDGES AND 12 INCHES O/C AT INTERMEDIATE SUPPORTS. ALL VERTICAL AND HORIZONTAL JOINTS ARE TO BE VER A COMMON STUD, PLATE, BAND BOARD, OR 2x BLOCKING. f. ALL CONNECTORS (HANGERS, NAILS, ETC.) IN CONTACT WITH TREATED LUMBER SHALL BE STAINLESS STEEL OR HOT DIP GALVANIZED

COMPATIBLE WITH THE CHEMICALS IN THE WOOD. a. SILL PLATES TO FOUNDATION - 1/2" DIA. ANCHOR BOLTS AT 6'-0" O.C. AND 12" MAXIMUM FROM CORNERS AND ENDS OF PLATES. ANCHOR BOLTS TO BE EMBEDED IN THE FOUNDATION A MINIMUM OF 7" IN CONCRETE OR 15" IN MASONRY. h. BUILT UP WOOD BEAMS AND FLITCH BEAMS - 1/2" DIAMETER THRU BOLTS AT 24" O.C. 2" FROM TOP AND BOTTOM U.N.O. STAGGER

i. MULTIPLE STUD COLUMNS - GLUED AND NAILED WITH 16d NAILS AT 12" O.C. EACH PLY.

G. I

4. MISCELLANEOUS: a. USE ONE LINE O		KING OR CROSS	BRIDGING AT	8'-0" O/C MAX	. For all jois	STS AND RAFT	ERS, USE SOI	LID BLOCKING AT	
JOIST AND RAFT b. IT IS ASSUMED T SHEATHING IS N	THAT THE STR								
PARTITIONS AND c. USE DOUBLE JOI	D METAL DIAG	ONAL BRACING A	AS REQUIRED DNS, UNLESS \$	FOR LATERAL SHOWN OTHEI	STABILITY OF RWISE.	THE STRUCT	URE.		
d. USE DOUBLE ST e. APPLY CONTINU f. IN AREAS WHERE	IOUS BEAD OF	ADHESIVE ON J	OISTS AND GR	OOVE OF TON	IGUE-AND-GR	OOVE PANELS	5.	· •	
g. BEFORE APPLYI	HERE TOP CHORD OF TRUSSES DO NOT RECEIVE PLYWOOD OR OSB SHEATHING, PROVIDE 1 X 4 CONTINUOUS BRIDGING JLAR TO TOP CHORDS AND SPACED AT 3'-0" O.C. PLYING FINISH FLOORING, SET NAILS 1/8 INCH BUT DO NOT FILL, AND LIGHTLY SAND ANY SURFACE ROUGHNESS, RLY AT JOINTS AND AROUND NAILS.								
h. PROVIDE AND IN APPROVED SHO	ISTALL BRIDGI			DD TRUSSES A	AS INDICATED	ON THE TRUS	S MANUFACT	URER'S	
i. WHERE FLOOR J 24 INCHES ON CI	ENTER BETWE	EN BAND BOARI	D OVER WALL	AND ADJACEN	IT JOISTS. EX	TEND BLOCK			
JOIST SPACES. I		ALL BE ADEQUA	IELT FASIENE			NG.			
1. MATERIALS: a. LUMBER: SOUTH	HERN PINE #2,	ALLOWABLE STI	RESSES PER 1	HE NATIONAL	. DESIGN SPEC	CIFICATION SU	IPPLEMENT, 2	018 EDITION; 19%	
MAX. M.C. b. METAL CONNEC [®] WITH HOLES, PLI						NG CLASS G60	PER ASTM AS	25. MANUFACTURE	
2. DESIGN:									
a. TOP CHORD LIVE BOTTOM CHORD NET WIND UPLIF	DEAD LOAD =				F OR PER RCC	D 301.5			
b. FINAL DESIGN OI SIMILAR DESIGN c. SHOP DRAWINGS	I, RETAINED B	THE MANUFAC	TURER.					XPERIENCED IN	
d. MAXIMUM LIVE L e. MAXIMUM TOTAL	OAD DEFLECT	ION IS TO BE L/3	60.						
3. MISCELLANEOUS: a. BOLT TOP CHOR		I TIPI E TRUSSE	S TOGETHER V	MITH 1/2" DIAM	NETER BOLTS	AT 4'-0" O.C. F		MBERS TOGETHER	
WITH 1/2" DIAME b. IN AREAS WHERI	TER BOLTS AT	2'-0" O.C. AT CO S OF TRUSSES [NCENTRATED	LOADS, OR P VE PLYWOOD	ER TRUSS DE	SIGNER RECO	MMENDATION	IS.	
PERPENDICULAF c. TRUSS FABRICA OFFICE OF CONS	TOR SHALL SU	BMIT COPIES OF	THE FINAL, A	PPROVED FAI		AWINGS TO T	HE DEPARTMI	ENT OF COMMERCE,	
PRE-ENGINEERED WO		, . , . ,							
1. MATERIALS: PROVID FABRICATED AND IN								ANUFACTURED,	
2. DESIGN: a. DEFLECTION REG	QUIREMENTS	MAXIMUM LIVE I		TION IS TO BF	L/360. MAXIM		AD DEFLECTIO	ON IS TO BE L/240.	
b. LOADING REQUIR SPECIFIC FLOOR	FINISHES.					·			
c. FINAL DESIGN OF SIMILAR DESIGN, d. SHOP DRAWINGS	, RETAINED BY S AND CALCUL	THE MANUFACT ATIONS SHALL E	'URER. XHIBIT THE SE	EAL OF THE EN	IGINEER RESP	PONSIBLE FOR	R THE JOIST D	ESIGN.	
e. PRODUCT DATA: AND RECOMMENI							IG, PREPARA ⁻	TION INSTRUCTIONS	
 MISCELLANEOUS: a. STORE PRODUCT PREVENT DAMAG 		Y FOR INSTALL	ATION IN ACCO	RDANCE WIT	H MANUFACTU	JRER'S RECOM		S TO PROTECT AND	
b. MAINTAIN ENVIRO PRODUCTS UNDE	ONMENTAL CO					JRER FOR OPT	TIMUM RESUL	TS. DO NOT INSTALL	
 c. PROVIDE ENGINE d. PROVIDE NAIL AN e. INSTALL IN ACCO 	ND FASTENER	TYPE AND SIZES	PER MEMBER	R MANUFACTU	RER'S DETAIL	S AND RECOM) .	
f. CONDITIONS AND DO NOT PLACE H	D PRACTICES N IOLES CLOSER	IOT PERMITTED: TO SUPPORTS	THAN RECOM						
DO NOT CUT HOL DO NOT MAKE HO DO NOT HAMMER	OLES WITH HA	MMER UNLESS A	KNOCKOUT I	S PROVIDED F	OR THIS PURF	POSE			
DO NOT CUT, NO DO NOT USE 16d DO NOT BEVEL C	OR LARGER N	AILS IN FLANGE	OF BEARING						
DO NOT SUPPOR DO NOT INSTALL	T JOIST ON W	EB							
3a S1	TRUCTL	JRAL NO	TES CC	NTINU	ED				
									J [
LIGHT AN		TILATION	N REQU	IREME	NTS FO	r habi'	TABLE \$	SPACES	NOTE: EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE WINDOW OR EXTERIOR DOOR APPROVED FOR
HABITABLE ROOMS		ABLE ROOMS SHAI IATURAL VENTILAT							EMERGENCY EGRESS OR RESCUE. THE UNITS MUST BE OPERABLE FROM THE INSIDE TO A FULL CLEAR OPENING WITHOUT THE USE OF A KEY OR TOOL. WHERE WINDOWS ARE
	THE OUTD	OOR AIR. SUCH O	PENINGS SHALL	BE PROVIDED					PROVIDED AS A MEANS OF EGRESS OR RESCUE THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44" A.F.F. ALL EGRESS
	THE MININ	UM OPENABLE AR	EA TO THE OUT	DOORS SHALL E	BE 4% OF THE FL	LOOR AREA BE	/entilated.		OR RESCUE WINDOWS FROM SLEEPING ROOMS MUST HAVE A NET CLEAR OPENING OF 5.7 SQ.FT THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24". THE MINIMUM NET CLEAR OPENING
EXCEPTION #1		ED AREAS NEED NO AL VENTILATION S				-			WIDTH SHALL BE 20". THE MINIMUM GLAZING AREA SHALL BE 8% OF THE HABITABLE FLOOR AREA AND THE MINIMUM VENTILATION SHALL
	OF 15 CUB		TE (CFM) (78L/s)	PER OCCUPAN	T COMPUTED O			ENTILATION AIR NTS FOR THE FIRST	BE 4% OF THE HABITABLE FLOOR AREA.
EXCEPTION #2		AND ONE OCCUP				ON 1 ABOVE IS S	ATISFIED AND	ARTIFICAL LIGHT	*NOTE: THE GLAZED AREAS MAY BE OMITTED IN ROOMS WHERE
		ED CAPABLE OF PI A HEIGHT OF 30 IN				OOTCANDLES (6	5 lux) OVER THE	AREA OF THE	THE OPENING IS NOT REQUIRED BY AN APPROVED MECHANICAL VENTILATION SYSTEM IS PROVIDED CAPABLE OF PRODUCING 0.35 AIR CHANGE PER HOUR IN THE ROOM OR A WHOLE HOUSE
EXCEPTION #3		INROOM ADDITION ON IF IN EXCESS C		•					MECHANICAL VENTILATION SYSTEM IS INSTALLED CAPABLE OF SUPPLYING OUTSIDE VENTILATION AIR OF 15 CUBIC FEET PER
	SCREENIN								MINUTE (CFM) PER OCCUPANT COMPUTED ON THE BASIS OF TWO OCCUPANTS FOR THE FIRST BEDROOM AND ONE OCCUPANT FOR EACH ADDITIONAL BEDROOM, AND ARTIFICIAL LIGHT IS PROVIDED
ROOM NAME	ROOM S.F.	WINDOW TYPE	REQUIRED GLAZING S.F.	ACTUAL GLAZING S.F.	REQUIRED VENT. S.F.	ACTUAL VENT. S.F.	TEMPERED GLAZING	BEDROOM EGRESS S.F.	CAPABLE OF PRODUCING AN AVERAGEILLUMINATION OF 6 FOOT- CANDLES (6.46x) OVER THE AREA OF THE ROOM AT A HEIGHT OF 30
BASEMENT									INCHES (762mm) ABOVE THE FLOOR LEVEL.
									*NOTE: BATHROOMS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE AND A MECHANICAL VENTILATION SYSTEM. THE MINIMUM
		D.H. / DOOR	12.6	72.6	6.3	36.3	SGD	N/A	VENTILATION RATES SHALL BE 50 CFM (23.6 L/s) FOR INTERMITTENT VENTILATION OR 20 CFM (9.4 L/s) FOR CONTINUOUS VENTILATION.
FIRST FLOOR GREAT ROOM/DEN	157.7 S.F.		24.8	69.2	12.4 8.7	34.6 36.0	NO NO	N/A N/A	VENTILATION AIR FROM THE SPACE SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE.
	309.7 S.F.	D.H. D.H.	17.5	59.0	0.7	-	1		
GREAT ROOM/DEN KITCHEN / DINING FAMILY ROOM/FOYE	309.7 S.F.	D.H.		59.0	0.1			<u> </u>	
GREAT ROOM/DEN KITCHEN / DINING FAMILY ROOM/FOYE SECOND FLOOR MASTER BEDROOM	309.7 S.F. ER 218.3 S.F. 257.9 S.F.	D.H. D.H. D.H.	20.6	45.0	10.3	22.5	NO	5.7 S.F. REQ'D.	*NOTE: LOWER LEVEL ROOMS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE PER EXCEPTION #2 AND A MECHANICAL VENTILATION SYSTEM PER EXCEPTION #1
GREAT ROOM/DEN KITCHEN / DINING FAMILY ROOM/FOYE SECOND FLOOR	309.7 S.F. ER 218.3 S.F.	D.H. D.H.	17.5			22.5 13.0 7.5	NO NO NO	5.7 S.F. REQ'D. EXISTING 5.7 S.F. REQ'D.	ARTIFICIAL LIGHT SOURCE PER EXCEPTION #2 AND A
GREAT ROOM/DEN KITCHEN / DINING FAMILY ROOM/FOYE SECOND FLOOR MASTER BEDROOM BEDROOM 2	309.7 S.F. ER 218.3 S.F. 257.9 S.F. 176.7 S.F.	D.H. D.H. D.H. D.H.	17.5 20.6 14.1	45.0 26.0	10.3 7.1	13.0	NO	EXISTING	ARTIFICIAL LIGHT SOURCE PER EXCEPTION #2 AND A MECHANICAL VENTILATION SYSTEM PER EXCEPTION #1 *NOTE: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACTUAL WINDOWS INSTALLED MEET THE REQ'D.
GREAT ROOM/DEN KITCHEN / DINING FAMILY ROOM/FOYE SECOND FLOOR MASTER BEDROOM BEDROOM 2 BEDROOM 3 THIRD FLOOR BEDROOM 4	309.7 S.F. ER 218.3 S.F. 257.9 S.F. 176.7 S.F. 128.2 S.F. 136.1 S.F.	D.H. D.H. D.H. D.H. D.H. D.H.	17.5 20.6 14.1 10.3 10.9	45.0 26.0 15.0	10.3 7.1 5.1 5.4	13.0 7.5 7.5	NO NO NO	EXISTING 5.7 S.F. REQ'D. 5.7 S.F. REQ'D.	ARTIFICIAL LIGHT SOURCE PER EXCEPTION #2 AND A MECHANICAL VENTILATION SYSTEM PER EXCEPTION #1 *NOTE: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR
GREAT ROOM/DEN KITCHEN / DINING FAMILY ROOM/FOYE SECOND FLOOR MASTER BEDROOM BEDROOM 2 BEDROOM 3 THIRD FLOOR	309.7 S.F. ER 218.3 S.F. 257.9 S.F. 176.7 S.F. 128.2 S.F.	D.H. D.H. D.H. D.H. D.H.	17.5 20.6 14.1 10.3	45.0 26.0 15.0	10.3 7.1 5.1	13.0 7.5	NO	EXISTING 5.7 S.F. REQ'D.	ARTIFICIAL LIGHT SOURCE PER EXCEPTION #2 AND A MECHANICAL VENTILATION SYSTEM PER EXCEPTION #1 *NOTE: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACTUAL WINDOWS INSTALLED MEET THE REQ'D. GLAZING AND VENT AREAS OR THAT EXCEPTIONS 1, 2 OR 3 ARE
GREAT ROOM/DEN KITCHEN / DINING FAMILY ROOM/FOYE SECOND FLOOR MASTER BEDROOM BEDROOM 2 BEDROOM 3 THIRD FLOOR BEDROOM 4	309.7 S.F. ER 218.3 S.F. 257.9 S.F. 176.7 S.F. 128.2 S.F. 136.1 S.F.	D.H. D.H. D.H. D.H. D.H. D.H.	17.5 20.6 14.1 10.3 10.9	45.0 26.0 15.0	10.3 7.1 5.1 5.4	13.0 7.5 7.5	NO NO NO	EXISTING 5.7 S.F. REQ'D. 5.7 S.F. REQ'D.	ARTIFICIAL LIGHT SOURCE PER EXCEPTION #2 AND A MECHANICAL VENTILATION SYSTEM PER EXCEPTION #1 *NOTE: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACTUAL WINDOWS INSTALLED MEET THE REQ'D. GLAZING AND VENT AREAS OR THAT EXCEPTIONS 1, 2 OR 3 ARE



800 Cross Pointe Road, Suite M | Gahanna, OH 43230 Phone: 614.864.9999 www.keiserdesigngroup.com

KDG PROJECT # 2019-209	SHEET NUMBER
GENERAL / STRUCTURAL NOTES / SCHEDULES	A4-1
CONSTRUCTION DOCUMENTS	11.27.2019

					WITH 6D CE
STC DATING	LL RATING - 1 HR. 3 - SEE ITEMS 3, 3A, 3D, 3E	, 3F, 3G, 3H, 3J AND 3L.			GEORGIA-P 3H. GYPS
HIS DESIGN W ESIGN METHC	DD). FOR JURISDICTIONS E			N METHOD (E.G., WORKING STRESS ADA, A LOAD RESTRICTION FACTOR	
INDICATE		. BEAR THE UL OR CUL CERTIFICATIO	N MARK FOR JURISDICTIO	NS EMPLOYING THE UL OR CUL	3I. GYPS NAILED 7" (
	I (SUCH AS CANADA), RESF		5		PAPER TAP PABCO BUI
					3j. gyps Gypsum P/
				2	CERTAINTE 3K. GYPS
			5		HORIZ. OR SPACED A I PANELS AR
					NATI ONAL FSW-2 (FIN MIN), TYPE
	TUDS-NOM 2 BY 4" SPACED	16" OC MAX, EFFECTIVELY FIRESTOP		2	3L. GYPS WITH BEVE
JOINTS A	ND NAIL-HEADS-JOINTS C	OVERED WITH JOINT COMPOUND AN ARE USED. AS AS ALT., NOM 3/32" THI	D PAPER TAPE. JOINT COM		ON OPPOS SCREWS S WALLBOAR
ITIRE SURFA	CE OF CLASSIFIED VENEEI I JOINT COMPOUND.	R BASEBOARD WITH THE JOINTS REI	NFORCED WITH PAPER TA	PE. NAILHEADS EXPOSED OR	0.140" PLAC TOP OF TH ADHERED
ERT. GYPSUM	PANELS NAILED 7" OC WI	OR VINYL SURFACED, WITH BEVELE TH 6D CEMENT COATED NAILS 1-7/8" I PSUM PANELS ARE TO BE INSTALLED	ONG, 0.0915" SHANK DIAM	AND 15/64" DIAM HEADS. WHEN	grades "B Mayco Ind
HEN ITEM 6 ,6		MEMBERS*, ARE USED, GYPSUM PAI	NELS ATTACHED TO FURRI	NG CHANNELS WITH 1" LONG TYPE S	3M. GYPS LAYER. NOI CENTERED
HEN ITEM 6A		S*, IS USED, TWO LAYERS OF GYPSL			1-5/8" LONG THE BASE VERT. JOIN
IRRING CHAN INTS IN BASE	INELS WITH 1-5/8" LONG TY E LAYERS. ONE LAYER OF (1" LONG TYPE S BUGLE-HEAD STEEL (PE S BUGLE-HEAD STEEL SCREWS S GYPSUM BOARD ATTACHED TO OPPO	SPACED 12" OC. ALL JOINT	S IN FACE LAYERS STAGGERED WITH	8 FT LONG AND TWO 1 DISCS, NOI
	RESILIENT CHANNELS ARE	USED, 5/8" THICK, 4 FT WIDE GYPSU			DISCS, NO DISCS TO H PANELS (IT AS DESCR
TWEEN STU	DS.	6, SELF-TAPPING TYPE S OR S-12 STE X (FINISH RATING 22 MIN), 5/8 TYPE X			RADIATION
DLD & MILDE\ Merican Gyf	W RESISTANT TYPE X AND	MÒLD & MILDEW RESISTÀNT AR TYPE NISH RATING 23 MIN.), M-GLASS (FINIS	E X, TYPE BLUEGLASS EXT		3N. GYPS STAGGERE
IJING NEW B	UÌLDING MATERIALS PUBI	LIC LTD., CO TYPE DBX-1 (FINISH RA	TING 24 MIN). PC, TYPE C OR TYPE X (FII	NISH RATING 26 MIN), TYPE EGRG OR	CERTAINTE
G INC. -TYPE MIN), TYPE II MIN), TYPE L	AR (FINISH RATINĠ 24 MIN P-X1 (FINISH RATING 24 MII JLX (FINISH RATING 22 MIN	Ń), TYPE IP-X2 (FINISH RATING 24 MIN), TYPE WRC (FINISH RATING 24 MIN),	I), TYPE SCX (FINISH RATIN TYPE WRX (FINISH RATIN		APPLIED V JOINTS CO COMPOUN
ILGFC-WD	BUILDING PRODUCTS OPE , TYPE LGLLX (FINISH RATI	RATING CO, LLC TYPE LGFC6A (FIN	SH RATING 34 MIN), TYPE	LGFC2A, TYPE LGFC-C/A, TYPE	PABCO BUI 3P. GYPS
PE GPFS6 (F MIN), TYPE >	INISH RATING 26 MIN), TYP (, VENEER PLASTER BASE	(FINISH RATING 20 MIN), TYPE GPFS1 E DS, TYPE DAP, TYPE DD (FINISH RA TYPE X, WATER RATED-TYPE X, SHE/	TING 20 MIN), TYPE DA, TY ATHING-TYPE X, SOFFIT-TY	PE DAPC, TYPE LS (FINISH RATING PE X, TYPE LWX (FINISH RATING 22	HORIZONT WOOD STL GYPSUM P
NISH RATING TING 22 MIN)	3 22 MIN), SOFFIT-TYPE LWX), SHEATHING TYPE- DGLW	(FINISH RATING 22 MIN), WATER RATE X (FINISH RATING 22 MIN), TYPE DGLV (FINISH RATING 22 MIN), SOFFIT-TYP	V (FINISH RATÌNG 22 MIN), E DGLW (FINISH RATING 22	WATER RÁTED-TYPE DGLW (FINISH 2 MIN), TYPE LWX (FINISH RATING 22	STUDS WIT
(TÍNG 22 MIN) N), WATER R/), SHEATHING-TYPE LW2X (ATED-TYPE DGL2W (FINISH	VENEER PLASTER BASE-TYPE LW2X FINISH RATING 22 MIN), SOFFIT-TYPE RATING 22 MIN), SHEATHING-TYPE D RATING 20 MIN), TYPE FSK-G (FINIS	ÙW2X (FINISH RATING 22 M GL2W (FINISH RATING 22 M	MIN), TYPE DGL2W (FINISH RATING 22 MIN).	4. STEE TWO 1/8" W
FSW-2 (FI MIN), TYPE F	NISH RATING 24 MIN), TYPI	E FSW-3 (FINISH ŔATING 20 MIN), TYP IN), TYPE FSW-C (FINISH RATING 20 M	E FSW-5 (FINISH RATING 2	2 MIN), TYPE FSW-G (FINISH RATING	TO THE EN BOARD, MA CORNERS
BCO BUILDIN PG-3W, PG S-WRS (FINI)	NG PRODUCTS, LLC., DBA G-5W (FINISH RATING 20 M SH RATING 20 MIN), TYPES	PABCO GYPSUM -TYPES C, PG-2 (FIN IN), TYPE PG-4 (FINISH RATING 20 MIN PG-5, PG-9 (FINISH RATING 26 MIN), F	I), TYPE PG-6 (FINISH RATÍ PG-11 OR TYPE PG-C.	(FINISH RATING 20 MIN), TYPES NG 23 MIN), TYPES PG-3WS, PG-5WS,	5. BATT COMPLETE FRICTION-F
AM GYPSUM AI GYPSUM I	INDUSTRY (SARABURI) CO Products PCLType C, T	S RHX, MDX, ETX (FINISH RATING 22 M . LTDTYPE EX-1 (FINISH RATING 26 YPE X (FINISH RATING 26 MIN).	MIŃ).		CERTAINTE GUARDIAN
AR (FINISH R PE SHX (FINI	ATING 24 MIN), TYPE IPC-A ISH RATING 24 MIN), TYPE \$	INISH RATING 24 MIN), TYPE Ć (FINISI R (FINISH RATING 24 MIN), TYPE IP-X SCX (FINISH RATING 24 MIN), TYPE SC	1 (FINISH RATING 24 MIN), '	TYPE IP-X2 (FINISH RATING 24 MIN),	JOHNS MA KNAUF INS MANSON IN
G MEXICÒ S . NISH RATING	. A. DE. C. V. -TYPE ÁR (FINI 3 24 MIN), TYPE IP-X1 (FINIS	WRC (FINISH RATING 24 MIN). SH RATING 24 MIN), TYPE C (FINISH F 3H RATING 24 MIN), TYPE IP-X2 (FINISI 3H RATING 24 MIN), TYPE IPC-AR (FIN	H RATING 24 MIN), TYPE SH	IX (FINISH RATING 24 MÍN), SCX	OWENS CO ROCK WOO ROXUL, INC
. Gypsum Driz. or ver	BOARD* -(AS AS ALT. TO ITE T. GYPSUM PANELS FASTE	EM 3)-5/8" THICK GYPSUM PANELS, W NED TO FRAMING WITH 1-1/4" LONG "	ITH BEVELED, SQUARE, OF TYPE W COARSE THREAD	R TAPERED EDGES, APPLIED EITHER GYPSUM PANEL STEEL SCREWS	THERMAFI
PACED A MAX BE INSTALL	8" OC, WITH LAST SCREW ED HORIZ.	1" FROM EDGE OF BOARD. WHEN US	ED IN WIDTHS OF OTHER	THAN 48 IN., GYPSUM BOARDS ARE	MATERIAL. INSTRUCTI IS APPLIED INSTRUCTI
RTAINTEED	GYPSUM, INC. -TYPE C OR ` AR (FINISH RATING 24 MIN	NISH RATING 25 MIN.), M-GLASS (FINI TYPE X (FINISH RATING 26 MIN).), TYPE C (FINISH RATING 24 MIN), TY	PE IP-AR (FINISH RATING 2	24 MIN), TYPE IPC-AR (FINISH RATING	US GREENI AND INS77
MIN), TYPE V IITED STATES	WRC (FINISH RATING 24 MII S GYPSUM CO TYPE AR (F	N), TYPE WRX (FINISH RATING 24 MIN)). IISH RATING 24 MIN), TYPE	NG 24 MIN), TYPE SHX (FINISH RATING SGX (FINISH RATING 24 MIN), TYPE C X1 (FINISH RATING 24 MIN), TYPE	5B. FIBE APPLIED C
X2 (FINISH R PE IPC-AR (F	ATING 24 MIN), TYPE SHX (INISH RATING 24 MIN).	FINISH RATING 24 MIN), TYPE WRC (FINISF FINISH RATING 24 MIN), TYPE FRX-G (SH RATING 24 MIN), TYPE C (FINISH F	(FINISH RATING 24 MIN), TY	(PE IP-AR (FINISH RATING 24 MIN),	APPLICATI 4.3 POUND
NISH RATING X, TYPE IP-A	3 24 MIN), TYPE IP-X1 (ÈINIS R (FINISH RATING 24 MIN),	6H RATING 24 MIN), TYPE IP-X2 (FINISI TYPE IPC-AR (FINISH RATING 24 MIN)	H RATING 24 MIN), TYPE SH	Η̈́Χ (FINISH RATING 24 Μ̈́Ν), TYPE	NU-WOOL (5C. BATT FILL INTER
OR 1-3/8" LON	IG TYPE W COARSE THREA	EM 3)-NOM 3/4" THICK, INSTALLED WIT AD GYPSUM PANEL STEEL SCREWS A		OATED NAILS AS DESCRIBED IN ITEM	THERMAFI
	S AR, IP-AR. 3 GYPSUM CO. -TYPES AR, . A. DE. C. V. -TYPES AR, IP-				5D. GLAS SURFACE E BZJZ) CATE
DE OF THE AS	SSEMBLY. INSTALLED WITH	EMS 3, 3A AND 3B)-5/8" THICK, 2 FT WI 1-7/8" LONG CEMENT COATED NAILS AS DESCRIBED IN ITEM 3A. JOINT CO	AS DESCRIBED IN ITEM 3	OR 1-1/4" LONG TYPE W COARSE	5E. BATT NOM 3-1/2"
C INCTYPE	SHX. S GYPSUM COTYPE SHX.				FRICTION-F MANUFACT 5F. FIBEF
. GYPSUM		EMS 3, 3A, 3B, OR 3C-NOT SHOWN) FO			5A-SPRAY CAVITY IN A
AGGERED M	IN 1 STUD CAVITY ON OPP UM PANEL STEEL SCREWS	VELED, SQUARE OR TAPERED EDGES OSITE SIDES OF STUDS. WALLBOARD SPACED 8" OC AT PERIMETER AND IN SOARD AND OPT'L AT REMAINING STU	SECURED TO STUDS WIT	'H 1-5/8" LONG TYPE W COARSE I STRIPS REQ'D BEHIND VERT.	AMERROCI 5G. FIBEF
LONG WITH	A MAX THICKNESS OF 0.12 EL SCREWS, ONE AT THE T	30ARD AND OPT'L AT REMAINING STU 5" PLACED ON THE FACE OF STUDS A OP OF THE STRIP AND ONE AT THE B TTEN STRIPS OR OPT'L AT OTHER LO	ND ATTACHED TO THE STU OTTOM OF THE STRIP. LEA	AD DISCS OR TABS MAY BE USED IN	5A-BROWN CAVITY IN A LBS/FT3.
OMPRESSION (PSUM BOAR	I FITTED OR ADHERED OVE DS UNDERNEATH SCREW	R STEEL SCREW HEADS OR MAX 1/2 LOCATIONS PRIOR TO THE INSTALLA SPECIFICATION QQ-L-201F, GRADE "	" BY 1-1/4" BY MAX 0.125" T TION OF THE SCREWS. LE/	HICK LEAD TABS PLACED ON	
		LBG (FINISH RATING 24 MIN).			6. STEE
ORIZ. OR VER		EMS 3, 3A, 3B, 3C, AND 3D)-5/8" THICK NED TO FRAMING WITH 1-1/4" LONG	TYPE W COARSE THREAD	GYPSUM PANEL STEEL SCREWS	STUDS. CH TOGETHEF CHANNELS

UL ASSEMBLY NO. U305

ARD*-(AS AS ALT. TO ITEMS 3, 3A, 3B, 3C, 3D, AND 3E)-5/8" GLASS-MAT FACED WITH SQUARE EDGES, APPLIED EITHER YPSUM PANELS NAILED 7" OC AROUND THE PERIMÉTER AND IN THE FIELD WITH 6D CEMENT COATED NAILS 1-7/8" LONG, M AND 15/64" DIAM HEADS. NAILS SHALL BE PLACED 1 INCH AND 3 INCH FROM HORIZONTAL JOINTS AND 7 INCH OC

PSUM CO.-TYPE USGX (FINISH RATING 22 MIN.)

ARD*-(AS AS ALT. TO ITEMS 3 THROUGH 3F)-5/8" THICK PAPER SURFACED APPLIED VERT. GYPSUM PANELS NAILED 7" OC COATED NAILS 1-7/8" LONG, 0.0915" SHANK DIAM AND 15/64" DIAM HEADS.

GYPSUM, LLC.-TYPE X COMFORTGUARD SOUND DEADENING GYPSUM BOARD (FINISH RATING 27 MIN).

ARD*-(AS AS ALT. TO ITEMS 3)-NOT TO BE USED WITH ITEMS 6 OR 7. 5/8" THICK PAPER SURFACED APPLIED VERT. ONLY. AILED 7" OC WITH 6D CEMENT COATED NAILS 1-7/8" LONG, 0.0915" SHANK DIAM AND 15/64" DIAM HEADS.

M CO.-SOUNDBREAK XP TYPE X GYPSUM BOARD

ARD *-(AS AS ALT. TO ITEMS 3 THROUGH 3H, NOT SHOWN)-NOMINAL 5/8" THICK, 4 FT WIDE PANELS, APPLIED VERT. PANELS 6D CEMENT COATED NAILS 1-7/8" LONG. 0.0915" SHANK DIAM AND 15/64" DIAM HEADS. PANEL JOINTS COVERED WITH WO LAYERS OF JOINT COMPOUND. NAILHEADS COVERED WITH TWO LAYERS OF JOINT COMPOUND.

PRODUCTS, LLC., DBA PABCO GYPSUM -TYPE QUIETROCK ES (FINISH RATING 20 MIN).

ARD*-(AS AS ALT. TO ITEMS 3)-NOT TO BE USED WITH ITEMS 6 OR 7. 5/8" THICK PAPER SURFACED APPLIED VERT. ONLY. IAILED 7" OC WITH 6D CEMENT COATED NAILS 1-7/8" LONG, 0.0915" SHANK DIAM AND 15/64" DIAM HEADS. SUM, INC.-TYPE SILENTFX.

ARD*-(AS AS ALT. TO ITEM 3)-5/8" THICK GYPSUM PANELS, WITH BEVELED, SQUARE, OR TAPERED EDGES, APPLIED EITHER YPSUM PANELS FASTENED TO FRAMING WITH 1-1/4" LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL SCREWS OC WITH THE LAST SCREW 1" FROM THE EDGE OF THE BOARD. WHEN USED IN WIDTHS OTHER THAN 48 IN., GYPSUM INSTALLED HORIZ

I CO.-TYPE FSK (FINISH RATING 20 MIN), TYPE FSK-G (FINISH RATING 20 MIN), TYPE FSW (FINISH RATING 20 MIN), TYPE ING 24 MIN), TYPÈ FSW-3 (FINISH RATING 20 MIN), TYPÈ FSW-5 (FINISH RATING 22 MIN), TYPE FSW-G (FINISH RATING 20 FINISH RATING 20 MIN), TYPE FSW-C (FINISH RATING 20 MIN), TYPE FSMR-C, TYPE FSW-6 (FINISH RATING 20 MIN).

ARD*-(AS AS ALT. TO ITEM 3) FOR DIRECT APPLICATION TO STUDS ONLY- NOM 5/8" THICK LEAD BACKED GYPSUM PANELS QUARE OR TAPERED EDGES, APPLIED VERT, VERT, JOINTS CENTERED OVER STUDS AND STAGGERED MIN 1 STUD CAVITY S OF STUDS. WALLBOARD SECURED TO STUDS WITH 1-5/8" LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL " OC AT PERIMETER AND IN THE FIELD. LEAD BATTEN STRIPS REQ'D BEHIND VERT, JOINTS OF LEAD BACKED GYPSUM DPT'LAT REMAINING STUD LOCATIONS. LEAD BATTEN STRIPS, MIN 2" WIDE, MAX 10 FT LONG WITH A MAX THICKNESS OF THE FACE OF STUDS AND ATTACHED TO THE STUD WITH TWO 1" LONG TYPE S-8 PAN HEAD STEEL SCREWS, ONE AT THE AND ONE AT THE BOTTOM OF THE STRIP. LEAD DISCS, MAX 5/16" DIAM BY MAX 0.140" THICK. COMPRESSION FITTED OR HE SCREW HEADS. LEAD BATTEN STRIPS TO HAVE A PURITY OF 99.5% MEETING THE FEDERAL SPECIFICATION QQ-L-201F

ES, INC.-"X-RAY SHIELDED GYPSUM"

ARD*-(AS AS ALT. TO ITEMS 3) FOR DIRECT APPLICATION TO STUDS ONLY- FOR USE AS THE BASE LAYER OR AS THE FACE HICK LEAD BACKED GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERT. VERT. JOINTS ITUDS AND STAGGERED MIN 1 STUD CAVITY ON OPPOSITE SIDES OF STUDS. WALLBOARD SECURED TO STUDS WITH V COARSE THREAD GYPSUM PANEL STEEL SCREWS SPACED 8" OC AT PERIMETER AND IN THE FIELD WHEN APPLIED AS WHEN APPLIED AS THE FACE LAYER SCREW LENGTH TO BE INCREASED TO 2-1/2" LEAD BATTEN STRIPS REQ'D BEHIND EAD BACKED GYPSUM WALLBOARD AND OPT'L AT REMAINING STUD LOCATIONS. LEAD BATTEN STRIPS, MIN 2" WIDE, MAX MAX THICKNESS OF 0.14" PLACED ON THE FACE OF STUDS AND ATTACHED TO THE STUD WITH CONSTRUCTION ADHESIVE TYPE S-12 PAN HEAD STEEL SCREWS, ONE AT THE TOP OF THE STRIP AND ONE AT THE BOTTOM OF THE STRIP. LEAD B" DIAM BY MAX 0.085" THICK. COMPRESSION FITTED OR ADHERED OVER THE SCREW HEADS. LEAD BATTEN STRIPS AND PURITY OF 99.9% MEETING THE FEDERAL SPECIFICATION QQ-L-201F. GRADE "C". FASTENERS FOR FACE LAYER GYPSUM IA OR 4B) WHEN INSTALLED OVER LEAD BACKED BOARD TO BE MIN 2-1/2" TYPE S-12 BUGLE HEAD STEEL SCREWS SPACED TEM 4.

CTION PRODUCTS, INC.-TYPE RPP-LEAD LINED DRYWALL

ARD*-(AS AS ALT. TO ITEM 3)-5/8" THICK. 4 FT. WIDE, APPLIED VERT. WITH VERT. JOINTS CENTERED OVER STUDS AND STUD CAVITY ON OPPOSITE SIDES OF STUDS. SECURED AS DESCRIBED IN ITEM 3.

PSUM, INC.-5/8" EASI-LITE TYPE X (FINISH RATING 24 MIN)

ARTITION FACINGS AND ACCESSORIES* -(AS AS ALT. TO ITEM 3, NOT SHOWN)-NOMINAL 5/8" THICK, 4 FT WIDE PANELS, NELS NAILED 7" OC WITH 6D CEMENT COATED NAILS 1-7/8" LONG. 0.0915" SHÁNK DIAM AND 15/64" DIAM HEADS. PANEL WITH PAPER TAPE AND TWO LAYERS OF JOINT COMPOUND. NAILHEADS COVERED WITH TWO LAYERS OF JOINT

PRODUCTS, LLC., DBA PABCO GYPSUM - TYPE QUIETROCK 527 (FINISH RATING 24 MIN).

ARD*-(AS AS ALT. TO ITEM 3, NOT SHOWN)-TWO LAYERS NOM. 5/16" THICK GYPSUM PANELS APPLIED VERT. OR HORIZ. JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED OR BACKED BY RIZONTAL JOINTS ON THE SAME SIDEBETWEEN FACE AND BASE LAYERS NEED NOT BE STAGGERED. BASE LAYER ASTENED TO STUDS WITH 1-1/4" LONG DRYWALL NAILS SPACED 8" OC. FACE LAYER GYPSUM PANELS FASTENED TO LONG DRYWALL NAILS SPACED 8" OC STARTING WITH A 4" STAGGER.

M CO.-TYPE FSW (FINISH RATING 25 MIN)

ER FASTENERS-(OPT'L)-FOR USE AT WALL CORNERS. CHANNEL SHAPED, 2" LONG BY 1" HIGH ON THE BACK SIDE WITH ATS PROTRUDING INTÓ THE 5/8" WIDE CHANNEL, FABRICATED FROM 24 GAUGE GALV STEEL, FASTENERS APPLIED ONLY JT EDGE (NOT ALONG TAPERED EDGES) OF THE GYPSUM BOARD, NO GREATER THAN 2" FROM CORNER OF GYPSUM NG 16" OC. NAILED TO ADJACENT STUD THROUGH TAB USING ONE NO. 6D CEMENT COATED NAIL PER FASTENER. L BOARD SHALL BE NAILED TO TOP AND BOTTOM PLATE USING NO. 6D CEMENT COATED NAILS.

BLANKETS* -(OPT'L-REQ'D WHEN ITEM 6A IS USED (RC-1)) GLASS FIBER OR MINERAL WOOL INSULATION. PLACED TO ARTIALLY FILL THE STUD CAVITIES. WHEN ITEM 6À IS UŚED, GLASS FIBER OR MINERAL WOOL INSULATION SHALL BE TO COMPLETELY FILL THE STUD CAVITIES.

LASS, INC. INTERNATIONAL, INC.

I GMBH. ON. INC

IT INC., DIV OF OWENS CORNING-CORNING FIBERGLAS CORP. FACTURING CO.-DELTA BOARD.

STICAL FIRE BATTS. **C.**-TYPE SAFB.

YED*-(NOT SHOWN-NOT FOR USE WITH ITEM 6) AS AS ALT. TO BATTS AND BLANKETS (ITEM 5)-SPRAY APPLIED CELLULOSE ER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION PPLIED WITH THE PRODUCT WITH A NOMINAL DRY DENSITY OF 2.7 LB/FT3. ALTERNATE APPLICATION METHOD: THE FIBER JT WATER OR ADHESIVE AT A NOMINAL DRY DENSITY OF 3.5 LB/FT3, IN ACCORDANCE WITH THE APPLICATION

PPLIED WITH THE PRODUCT. WHEN ITEM 6B IS USED, FIBER, SPRAYED SHALL BE INS735, INS745, INS765LD OR INS770LD. LC.-INS735 & INS745 FOR USE WITH WET OR DRY APPLICATION. INS510LD, INS515LD, INS541LD, INS735, INS745, INS765LD, TO BE USED FOR DRY APPLICATION ONLY.

YED*-(NOT SHOWN-NOT FOR USE WITH ITEM 6) AS AN ALT. TO BATTS AND BLANKETS (ITEM 5) AND ITEM 5A-SPRAY SE INSULATION MATERIAL. THE FIBER IS APPLIED WITH WATER TO INTERIOR SURFACES IN ACCORDANCE WITH THE RUCTIONS SUPPLIED WITH THE PRODUCT. APPLIED TO COMPLETELY FILL THE ENCLOSED CAVITY. MIN. DRY DENSITY OF

-CELLULOSE INSULATION

BLANKETS*-REQ'D FOR USE WITH RESILIENT CHANNELS, ITEM 7, 3" THICK MINERAL WOOL BATTS, FRICTION-FITTED TO

C.-TYPE SAFB

INSULATION-(AS AS ALT. TO ITEM 5C)-3" THICK GLASS FIBER BATTS BEARING THE UL CLASSIFICATION MARKING AS TO G AND/OR FIRE RESISTANCE, FRICTION-FITTED TO FILL THE INTERIOR OF THE WALL. SEE BATTS AND BLANKETS (BKNV OR S FOR NAMES OF CLASSIFIED COMPANIES.

BLANKETS* - (REQ'D FOR USE WITH WALL AND PARTITION FACINGS AND ACCESSORIES, ITEM 3D)-GLASS FIBER INSULATION, MIN. DENSITY OF 0.80 PCF, WITH A FLAME SPREAD OF 25 OR LESS AND A SMOKE DEVELOPED OF 50 OR LESS. O COMPLETELY FILL THE STUD CAVITIES. SEE BATTS AND BLANKETS CATEGORY (BKNV) FOR NAMES OF

YED*-(OPT'L, NOT SHOWN-NOT FOR USE WITH ITEM 6, 6A OR 6B). AS AS ALT. TO BATTS AND BLANKETS (ITEM 5) AND ITEM GRANULATED MINERAL FIBER MATERIAL. THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED ANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. SEE FIBER, SPRAYED (CCAZ).

UCTS LP-ROCKWOOL

YED*-(OPT'L, NOT SHOWN-NOT FOR USE WITH ITEMS6, 6A OR 6B). AS AS ALT. TO BATTS AND BLANKETS (ITEM 5) AND ITEM ED SPRAY APPLIED CELLULOSE FIBER. THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED STUD DANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. THE MIN. DRY DENSITY SHALL BE 4.30

ELLULOSE CORP. -CELBAR-RL.

ING MEMBERS-(OPT'L, NOT SHOWN)*-FURRING CHANNELS AND STEEL FRAMING MEMBERS AS DESCRIBED BELOW

ANNELS-FORMED OF NO. 25 MSG GALV STEEL. 2-9/16" OR 2-23/32" WIDE BY 7/8" DEEP, SPACED 24" OC PERPENDICULAR TO SECURED TO STUDS AS DESCRIBED IN ITEM B. ENDS OF ADJOINING CHANNELS ARE OVERLAPPED 6" AND TIED OOUBLE STRAND OF NO. 18 SWG GALV STEEL WIRE NEAR EACH END OF OVERLAP. AS AS ALT., ENDS OF ADJOINING OVERLAPPED 6" AND SECURED TOGETHER WITH TWO SELF-TAPPING #6 FRAMING SCREWS, MIN. 7/16" LONG AT THE OVERLAP. WITH ONE SCREW ON EACH FLANGE OF THE CHANNEL. GYPSUM BOARD ATTACHED TO FURRING CHANNELS AS M 3. B. STEEL FRAMING MEMBERS*-USED TO ATTACH FURRING CHANNELS (ITEM 6A) TO STUDS. CLIPS SPACED 48" OC. (2.75) CLIPS SECURED TO STUDS WITH NO. 8x2-1/2" COARSE DRYWALL SCREW THROUGH THE CENTER GROMMET. RSIC-V LIPS SECURED TO STUDS WITH NO. 8x1-1/2" COARSE DRYWALL SCREW THROUGH THE CENTER HOLE. FURRING

RSIC-V (2.75) CLIPS FOR USE WITH 2-23/32" WIDE FURRING CHANNELS.

STEEL FRAMING MEMBERS*-USED TO ATTACH FURRING CHANNELS (ITEM 6A) TO STUDS. CLIPS SPACED 48" OC. RSIC-1 CLIPS SECURED TO STUDS WITH NO. 8 X 2-1/2" COARSE DRYWALL SCREW THROUGH THE CENTER GROMMET. RSIC-V CLIPS SECURED TO STUDS WITH NO. 8 X 1-1/2" COARSE DRYWALL SCREW THROUGH THE CENTER HOLE. FURRING CHANNELS ARE FRICTION FITTED INTO CLIPS. PAC INTERNATIONAL, INC.-TYPES RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

6A. STEEL FRAMING MEMBERS-(OPT'L, NOT SHOWN)*-FURRING CHANNELS AND STEEL FRAMING MEMBERS ON ONE SIDE OF STUDS AS DESCRIBED BELOW:

FURRING CHANNELS-FORMED OF NO. 25 MSG GALV STEEL, SPACED 24" OC PERPENDICULAR TO STUDS. CHANNELS SECURED TO STUDS AS DESCRIBED IN ITEM B. ENDS OF ADJOINING CHANNELS ARE OVERLAPPED 6" AND TIED TOGETHER WITH DOUBLE STRAND OF NO. 18 SWG GALV STEEL WIRE NEAR EACH END OF OVERLAP. BATTS AND BLANKETS PLACED IN STUD CAVITY AS DESCRIBED IN ITEM 5. TWO LAYERS OF GYPSUM BOARD ATTACHED TO FURRING CHANNELS AS DESCRIBED IN ITEM 3.

STEEL FRAMING MEMBERS*-USED TO ATTACH FURRING CHANNELS (ITEM 6AA) TO ONE SIDE OF STUDS ONLY. CLIPS SPACED 48" OC., AND SECURED TO STUDS WITH TWO NO. 8 X 2-1/2" COARSE DRYWALL SCREWS, ONE THROUGH THE HOLE AT EACH END OF THE CLIP. FURRING CHANNELS ARE FRICTION FITTED INTO CLIPS. KINETICS NOISE CONTROL, INC.-TYPE ISOMAX.

FURRING CHANNELS-FORMED OF NO. 25 MSG GALV STEEL. 2-3/8" WIDE BY 7/8" DEEP, SPACED 24" OC PERPENDICULAR TO STUDS. CHANNELS SECURED TO STUDS AS DESCRIBED IN ITEM B. ENDS OF ADJOINING CHANNELS ARE OVERLAPPED 6" AND TIED TOGETHER WITH DOUBLE STRAND OF NO. 18 SWG GALV STEEL WIRE NEAR EACH END OF OVERLAP. AS AS ALT., ENDS OF ADJOINING CHANNELS MAY BE OVERLAPPED 6" AND SECURED TOGETHER WITH TWO SELF-TAPPING #6 FRAMING SCREWS, MIN. 7/16" LONG AT THE MIDPOINT OF THE OVERLAP, WITH ONE SCREW ON EACH FLANGE OF THE CHANNEL. GYPSUM BOARD ATTACHED TO FURRING CHANNELS AS DESCRIBED IN ITEM 3.

STEEL FRAMING MEMBERS*-USED TO ATTACH FURRING CHANNELS (ITEM 6BA) TO STUDS. CLIPS SPACED 48" OC. GENIE CLIPS SECURED TO STUDS WITH NO. 8 X 1-1/2" COARSE DRYWALL SCREW THROUGH THE CENTER HOLE. FURRING CHANNELS ARE FRICTION FITTED INTO CLIPS.

PLITEQ, INC.-TYPE GENIE CLIP

6C. STEEL FRAMING MEMBERS-(OPT'L, NOT SHOWN)*-FURRING CHANNELS AND RESILIENT SOUND ISOLATION CLIP AS DESCRIBED BELOW:

a. FURRING CHANNELS-FORMED OF NO. 25 MSG GALV STEEL. SPACED 24" OC PERPENDICULAR TO STUDS. CHANNELS SECURED TO STUDS AS DESCRIBED IN ITEM B. ENDS OF ADJOINING CHANNELS OVERLAPPED 6" AND SECURED TOGETHER WITH FOUR SELF-TAPPING NO 8X1/2 SELF DRILLING SCREWS (2 PER SIDE 1" AND 4" FROM OVERLAP EDGE). GYPSUM BOARD ATTACHED TO FURRING CHANNELS AS DESCRIBED IN ITEM 3. SIDE JOINT FURRING CHANNELS SHALL BE ATTACHED TO STUDS WITH RESILMOUNT SOUND ISOLATION CLIPS LOCATED APPROXIMATELY 2" FROM EACH END OF LENGTH OF CHANNEL. BOTH GYPSUM BOARDS AT SIDE JOINTS FASTENED INTO CHANNEL WITH SCREWS SPACED 8" OC, APPROXIMATELY 1/2" FROM JOINT EDGE. b. STEEL FRAMING MEMBERS*-RESILIENT SOUND ISOLATION CLIP USED TO ATTACH FURRING CHANNELS (ITEM 6CA) TO STUDS. CLIPS SPACED 16" OC., AND SECURED TO STUDS WITH NO. 10 X 2-1/2" COARSE DRYWALL SCREW THROUGH THE CENTER HOLE. FURRING CHANNELS ARE FRICTION FITTED INTO CLIPS.

STUDCO BUILDING SYSTEMS-RESILMOUNT SOUND ISOLATION CLIPS-TYPE A237 OR A237R

FURRING CHANNEL-OPT'L-NOT SHOWN-FOR USE ON ONE SIDE OF THE WALL-RESILIENT CHANNELS, 25 MSG GALV STEEL, SPACED VERT. 24" OC. FLANGE PORTION SCREW ATTACHED TO ONE SIDE OF STUDS WITH 1-1/4" LONG DIAMOND SHAPED POINT, DOUBLE LEAD PHILLIPS HEAD STEEL SCREWS. WHEN RESILIENT CHANNELS ARE USED, INSULATION, ITEMS 5C OR 5D IS REQ'D.

CAULKING AND SEALANTS-(NOT SHOWN, OPT'L) A BEAD OF ACOUSTICAL SEALANT APPLIED AROUND THE PARTITION PERIMETER FOR SOUND CONTROL.

STC RATING-THE STC RATING OF THE WALL ASSEMBLY IS 56 WHEN IT IS CONSTRUCTED AS DESCRIBED BY ITEMS 1 THROUGH 6, EXCEPT:

ITEM 2. ABOVE-NAILHEADS SHALL BE COVERED WITH JOINT COMPOUND. ITEM 2, ABOVE-JOINTS AS DESCRIBED, SHALL BE COVERED WITH FIBER TAPE AND JOINT COMPOUND. ITEM 5, ABOVE-BATTS AND BLANKETS* THE CAVITIES FORMED BY THE STUDS SHALL BE FRICTION FIT WITH R-19 UNFACED FIBERGLASS INSULATION BATTS MEASURING 6-1/4" THICK AND 15-1/4" WIDE. d. ITEM 6, ABOVE-STEEL FRAMING MEMBERS* TYPE RSIC-1 CLIPS SHALL BE USED TO ATTACH GYPSUM BOARD TO STUDS ON EITHER SIDE OF THE WALL ASSEMBLY

ITEM 8, ABOVE-CAULKING AND SEALANTS (NOT SHOWN) A BEAD OF ACOUSTICAL SEALANT SHALL BE APPLIED AROUND THE PARTITION PERIMETER FOR SOUND CONTROL STEEL CORNER FASTENERS (ITEM 4), FIBER, SPRAYED (ITEMS 5A AND 5B) AND STEEL FRAMING MEMBERS (ITEM 6A), NOT EVALUATED AS ALTERNATIVES FOR OBTAINING STC RATING.

10. WALL AND PARTITION FACINGS AND ACCESSORIES* -(OPT'L, NOT SHOWN)-NOMINAL 1/2" THICK, 4 FT WIDE PANELS, FOR OPT'L USE AS AN ADDITIONAL LAYER ON ONE OR BOTH SIDES OF THE ASSEMBLY. PANELS ATTACHED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. WHEN THE QR-510 PANEL IS INSTALLED BETWEEN THE WOOD FRAMING AND THE UL CLASSIFIED GYPSUM BOARD, THE REQ'D UL CLASSIFIED GYPSUM BOARD LAYER(S) IS/ARE TO BE INSTALLED AS INDICATED AS TO FASTENER TYPE AND SPACING, EXCEPT THAT THE REQ'D FASTENER LENGTH SHALL BE ÍNCREASED BY A MIN. OF 1/2" NOT EVALUATED OR INTENDED AS A SUBSTITUTE FOR THE REQ'D LAYER(S) OF UL CLASSIFIED GYPSUM BOARD.

PABCO BUILDING PRODUCTS, LLC., DBA PABCO GYPSUM - TYPE QUIETROCK 510.

11. CEMENTITIOUS BACKER UNITS*-(OPT'L ITEM NOT SHOWN-FOR USE ON FACE OF 1 HR SYSTEMS WITH ALL STANDARD ITEMS REQ'D)-7/16 IN., 1/2 IN., 5/8 IN., 3/4" OR 1" THICK, MIN, 32" WIDE.- APPLIED VERT, OR HORIZ, WITH VERT, JOINTS CENTERED OVER STUDS. FASTENED TO STUDS AND RUNNERS WITH CEMENT BOARD SCREWS OF ADEQUATE LENGTH TO PENETRATE STUD BY A MIN. OF 3/8" FOR STEEL FRAMING MEMBERS, AND A MIN. OF 3/4" FOR WOOD FRAMING MEMBERS SPACED A MAX OF 8" OC. WHEN 4 FT. WIDE BOARDS ARE USED, HORIZONTAL JOINTS NEED NOT BE BACKED BY FRAMING.

NATIONAL GYPSUM CO.-TYPE DURABACKER. PERMABASE. DURABACKER PLUS. OR PERMABASE PLUS.

12. NON-BEARING WALL PARTITION INTERSECTION -(OPT'L)-TWO NOMINAL 2 BY 4" STUDS OR NOMINAL 2 BY 6" STUDS NAILED TOGETHER WITH TWO 3" LONG 10D NAILS SPACED A MAX. 16" OC. VERT. AND FASTENED TO ONE SIDE OF THE MIN. 2 BY 4" STUD WITH 3" LONG 10D NAILS SPACED A MAX. 16" OC. VERT. INTERSECTION BETWEEN PARTITION WOOD STUDS TO BE FLUSH WITH THE 2 BY 4" STUDS. THE WALL PARTITION WOOD STUDS ARE TO BE FRAMED BY WITH A SECOND 2 BY 4" WOOD STUD FASTENED WITH 3" LONG 10D NAILS SPACED A MAX. 16" OC. VERT. MAX. ONE NON-BEARING WALL PARTITION INTERSECTION PER STUD CAVITY. NON-BEARING WALL PARTITION STUD DEPTH SHALL BE AT A MIN. EQUAL TO THE DEPTH OF THE BEARING WALL.

13. MESH NETTING-(NOT SHOWN)-ANY THIN, WOVEN OR NON-WOVEN FIBROUS NETTING MATERIAL ATTACHED WITH STAPLES TO THE OUTER FACE OF ONE ROW OF STUDS TO FACILITATE THE INSTALLATION OF THE SPRAYED FIBER FROM THE OPPOSITE ROW.

14. MINERAL AND FIBER BOARD*-(OPT'L, NOT SHOWN)-FOR OPT'L USE AS AN ADDITIONAL LAYER ON ONE SIDE OF WALL. NOM 1/2" THICK, 4 FT WIDE WITH LONG DIMENSION PARALLEL AND CENTERED OVER STUDS. ATTACHED TO FRAMING WITH 2" LONG TYPE W STEEL SCREWS, SPACED 12" OC. THE REQ'D UL CLASSIFIED GYPSUM BOARD LAYER(S) IS/ARE TO BE INSTALLED AS INDICATED AS TO FASTENER TYPE AND SPACING, EXCEPT THAT THE REQ'D FASTENER LENGTH SHALL BE INCREASED BY A MIN. OF 1/2" NOT EVALUATED OR INTENDED AS A SUBSTITUTE FOR THE REQ'D LAYER(S) OF UL CLASSIFIED GYPSUM BOARD.

HOMASOTE CO.-HOMASOTE TYPE 440-32

14A. MINERAL AND FIBER BOARD*-(OPT'L, NOT SHOWN)-FOR USE WITH ITEMS 14B-14E)-FOR OPT'L USE AS AN ADDITIONAL LAYER ON ONE SIDE OF WALL. NOM 1/2" THICK, 4 FT WIDE WITH LONG DIMENSION PARALLEL AND CENTERED OVER STUDS. ATTACHED TO FRAMING WITH MIN. 1-3/8" LONG RING SHANKED NAILS OR 1-1/4" LONG TYPE W STEEL SCREWS, SPACED 12" OC ALONG BOARD EDGES AND 24" OC IN FIELD OF BOARD ALONG INTERMEDIATE FRAMING. NOT EVALUATED OR INTENDED AS A SUBSTITUTE FOR THE REQ'D LAYER(S) OF UL CLASSIFIED GYPSUM BOARD.

HOMASOTE CO.-HOMASOTE TYPE 440-32

14B. GLASS FIBER INSULATION-(FOR USE WITH ITEM 14A)-3-1/2" THICK GLASS FIBER BATTS BEARING THE UL CLASSIFICATION MARKING AS TO SURFACE BURNING AND/OR FIRE RESISTANCE, PLACED TO FILL THE INTERIOR OF THE WALL. SEE BATTS AND BLANKETS (BKNV OR BZJZ) CATEGORIES FOR NAMES OF CLASSIFIED COMPANIES.

14C. BATTS AND BLANKETS*-(AS AS ALT. TO ITEM 14B, FOR USE WITH ITEM 14A), 3" THICK MINERAL WOOL BATTS, PLACED TO FILL INTERIOR OF WALL, ATTACHED TO THE 3-1/2" FACE OF THE STUDS WITH STAPLES PLACED 24" OC.

THERMAFIBER, INC.-TYPE SAFB

14D. ADHESIVE-(FOR USE WITH ITEM 14A)-CONSTRUCTION GRADE ADHESIVE APPLIED IN VERT., SERPENTINE, NOMINAL 3/8" WIDE BEADS DOWN THE LENGTH OF BOTH VERT. EDGES OF MINERAL AND FIBER BOARD (ITEM 14A).

14E. GYPSUM BOARD*-(FOR USE WITH ITEM 14A)-5/8" THICK, 4 FT WIDE, APPLIED VERT. OVER MINERAL AND FIBER BOARD (ITEM 14A) WITH VERT. JOINTS LOCATED ANYWHERE OVER STUD CAVITIES. SECURED TO MINERAL AND FIBER BOARDS WITH 1-1/2" TYPE G SCREWS SPACED 8" OC ALONG EDGES OF EACH VERT. JOINT AND 12" OC IN INTERMEDIATE FIELD OF THE MINERAL AND FIBER BOARD (ITEM 14A). SECURED TO OUTERMOST STUDS AND BEARING PLATES WITH 2" LONG TYPE S SCREWS SPACED 8" OC. GYPSUM BOARD JOINTS COVERED WITH PAPER TAPE AND JOINT COMPOUND. SCREW HEADS COVERED WITH JOINT COMPOUND. FINISH RATING 30 MIN.

AMERICAN GYPSUM CO.-TYPE AG-C. **CERTAINTEED GYPSUM, INC.**-TYPE FRPC, TYPE C.

CGC INC -TYPES C. IP-X2, IPC-AR CONTINENTAL BUILDING PRODUCTS OPERATING CO., LLC. - TYPE LGFC-C/A.

GEORGIA-PACIFIC GYPSUM, LLC.-TYPES 5, DAPC, TG-C. NATIONAL GYPSUM CO.-TYPES FSK-C, FSW-C.

PABCO BUILDING PRODUCTS, LLC., DBA PABCO GYPSUM - TYPE PG-C. PANEL REY S. A. -TYPE PRC. THAI GYPSUM PRODUCTS PCL-TYPE C

UNITED STATES GYPSUM CO.-TYPES C, IP-X2, IPC-AR. USG MEXICO S. A. DE. C. V.-TYPES C, IP-X2, IPC-AR.

INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

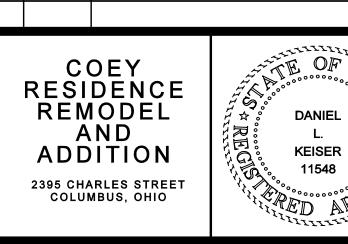
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CHANNELS ARE FRICTION FITTED INTO CLIPS. RSIC-1 AND RSIC-V CLIPS FOR USE WITH 2-9/16" WIDE FURRING CHANNELS. RSIC-1 (2.75) AND

6B. STEEL FRAMING MEMBERS-(OPT'L, NOT SHOWN)*-FURRING CHANNELS AND STEEL FRAMING MEMBERS AS DESCRIBED BELOW:

GENERAL NOTES

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800 Cross Pointe Road, Suite M | Gahanna, OH 43230 Phone: 614.864.9999 www.keiserdesigngroup.com

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