

Staff Report

Knoxville Historic Zoning Commission

Parcel ID 94 K D 002

File Number: 3-B-25-HZ

Meeting:	3/20/2025
Applicant:	R. Bentley Marlow, Marlow Builders Inc.
Owner:	R. Bentley Marlow, 210 Cansler LLC

Property Information

Description of Work

Level III Construction of New Primary Building

New primary structure fronting Cansler Avenue. The one-story duplex measures 22' wide by 65' deep, with the second unit behind the first. The main massing is proposed to be set 10' from the front property line. There is no parking indicated on the site plan.

The duplex features a 12/12 pitch front-gable roof clad with architectural asphalt shingles, and the roofline features 1' eave overhangs and faux rafter tails on the side elevations. The front-gable fields are clad in faux cedar shakes and feature a 16" square decorative vent and an architectural bracket at the apex. The façade features a full-length, 5' deep concrete slab front porch recessed under a 6/12 pitch half-hipped roof and is supported by four 6x6 pressure treated wood posts. The porch does not feature any railings, and the steps will be made of concrete. There is a similar 8' porch on the rear elevation.

The building will be clad in composite wood ("Hardie or similar") lap siding with wooden corner boards and trim, and it will rest on a 2'-6" tall painted concrete block foundation. The façade features three adjoining 1/1 single-hung windows followed by a paneled door on the right. The left elevation features five horizontal sliding windows, one 1/1 single hung window, and the primary entrance to the rear unit, which is recessed 3' from the main massing with a 4' wide concrete stoop. The right elevation features six horizontal sliding windows, one 1/1 single hung window, and a 21'-2" wide massing that projects 1' from the body of the house. The rear elevation features two paneled doors, which are secondary entrances for the rear unit and are recessed under the porch. All windows and doors feature 1x4 wooden trim, and all windows feature projecting sills. No window material is specified.

Applicable Design Guidelines

Mechanicsville Design Guidelines, adopted by the Knoxville City Council on September 20, 2011.

A. Rules for Roofs

1. The shape of replacement roofs or roofs on new construction shall imitate the shapes of roofs on neighboring existing houses or other houses of the same architectural style. Roof pitch must duplicate the 12/12 pitch most often found in the neighborhood, the roof pitch typical of the style being referenced by a new building, or the pitch

of neighboring buildings. Roof shapes must be complex, using a combination of hips with gables, dormers, or where appropriate to the style, turrets, or other features that emphasize the importance of Victorian-era or Craftsman styling.

2. The eaves on additions or new buildings must have an overhang that mimics existing buildings near the property. A minimum eave overhang of at least eight inches must be retained or used on new buildings or additions to existing buildings.

3. Repair or replace roof details (chimneys, roof cresting, finials, attic vent windows, molding, bargeboards, and other unique roof features). Use some of these details in designing new buildings.

C. Rules for Porches

2. Design elements to be incorporated in any new porch design must include tongue and groove wood floors, beadboard ceilings, wood posts and/or columns, and sawn and turned wood trim when appropriate. If balustrades are required, they must be designed with spindles set into the top and bottom rails.

3. In new construction, the proportion of the porches to the front facades must be consistent with the historic porches in the neighborhood.

D. Rules for Entrances

4. A new entrance or porch must be compatible in size, scale, or material.

6. Secondary entrances must be compatible with the original in size, scale, and materials, but clearly secondary in importance.

E. Rules for Wood Wall Coverings

1. Synthetic siding is inappropriate and is not allowed either as replacement siding on existing buildings or new siding in new construction.

4. New construction must incorporate corner and trim boards and appropriate door and window trim to be compatible with the adjacent historic buildings.

12. Concrete siding (also called Hardi-board) is allowed on outbuildings and garages for new construction only. The material can be used like board and batten if placed vertically. Batten strips of wood must be used, however, to preserve the look of historic materials. If used like normal siding, it must have a reveal of no more that 4.25 inches.

F. Rules for Masonry Wall Coverings

8. Split-faced block shall not be used in new construction or as a replacement for deteriorated masonry units. One exception is split-faced block which can be used as a retaining wall.

10. Stucco-surfaced masonry can be an appropriate for foundations in new construction. Brick and stone can also be appropriate.

Rules for New Building Construction

O. Setbacks and Placement on the Lot

1. Maintain the historic façade lines of streetscapes by locating the front walls of new buildings in the same plane as those of adjacent buildings. If existing setbacks vary, a new building's setback shall respect those of adjacent buildings.

2. Do not violate the existing setback pattern by placing new buildings in front of or behind historic buildings on the street.

3. Do not place new buildings at odd angles to the street.

4. Side yard setbacks for new buildings shall be consistent with those of existing historic buildings, so gaps are not left in the streetscape.

P. Scale and Massing

1. Relate the size and proportions of new structures to the scale of adjacent buildings.

2. Break up uninteresting boxlike forms into smaller varied masses like those found on existing buildings by the use of bays, extended front porches, and roof shapes.

3. New buildings must reinforce the scale of the neighborhood by their height, width, and massing.

4. New buildings must be designed with a mix of wall areas with door and window elements in the façade like those found on existing buildings.

5. Roof shapes must relate to the existing buildings, as must roof coverings.

Q. Height of Foundation and Stories

1. Avoid new construction that varies in height, so that new buildings are equal to the average height of existing buildings.

2. The foundation height of new buildings shall duplicate that of adjacent buildings, or be an average of adjacent building foundation heights.

3. For new buildings with more than one story, beltcourses or other suggestions of divisions between stories that suggest the beginnings of additional stories shall be used.

4. The eave lines of new buildings shall conform to those of adjacent properties.

R. Materials

1. The materials used for new building exteriors shall be consistent with materials already found on buildings on the street.

2. Artificial siding and split face block are not acceptable materials for use on new buildings.

S. Features

1. Design new buildings with a strong sense of a front entry.

2. Use front porches in new designs, and make the size of those porches useable for sitting. New porches shall be at least eight feet deep, shall contain design features such as columns and balustrades that introduce architectural diversity, and shall extend across more than half of the front façade.

Comments

N/A

Staff Findings

1. The applicant intends to use Section 4.6 of the zoning code, the Middle Housing standards, which are "intended to promote the development of neighborhood-scale housing forms which are compatible with existing housing in the surrounding area," and "may allow more flexible development of land than is possible under the base district zoning regulations," subject to additional dimensional, design, and parking standards. Middle Housing review occurs separately through Planning staff; the HZC review focuses on how the project meets the design guidelines. However, some elements of Middle Housing review may trigger site plan and building elevation revisions, which would require additional review by the HZC. Variances from Article 4.6 are to be heard by the BZA at the 3/18/2025 meeting.

2. The lot to receive new construction is a 30' wide, 140' deep vacant lot which previously featured a single-story, modest Folk Victorian-style, shotgun house (demolished by 2015) with a width, depth, form, and roofline comparable to the proposed new duplex. New construction in the overlay in the last twenty years has been more elaborate in style and detail; however, the proposed street to receive new construction is relatively modest in housing stock. The proposed single-story shotgun form and modest style is appropriate for the context.

3. Guidelines encourage maintaining the historic façade line of the streetscape and aligning new buildings within the existing setback pattern of the street, which is echoed by the Middle Housing standards (requiring a front setback within five feet, plus or minus, of the blockface average). The average front setback of the blockface is 17.4'. The house is proposed to be 10' from the front property line, with a 5' deep front porch located 5' from the front property line. The building should be recessed towards the rear property line, which would also help accommodate a deeper front porch. The side setbacks are consistent with the block.

4. Overall, the scale and proportions of the new duplex are similar to other single-story shotgun houses and duplexes on the block and in the broader neighborhood. The building is compatible with the neighborhood's scale, height, width, and massing. The proposed foundation height is comparable to other house's foundation heights on the block.

5. Guidelines recommend "break[ing] up uninteresting boxlike forms into smaller varied massings ... by the use of bays, extended front porches, and roof shapes." The proposed duplex uses front and rear porches and a projecting side-elevation massing to break up the long massing.

6. Most houses on the block feature a full-width front porch; the proposed porch is similar in design to multiple houses on the block. The guidelines note that "new porches shall be at least eight feet deep," and "in proportion to historic porches in the neighborhood." The front porch should be extended to measure 8' deep.

7. The proposed 12/12-pitch, front-gable roof clad in architectural shingles meets the design guidelines for pitch and materials.

8. Guidelines discourage split-face block. The proposed painted CMU foundation should be clad in stucco, pargecoated, or clad in brick veneer to better align with historic materials in the neighborhood.

9. The guidelines note that "synthetic siding is inappropriate and not allowed [...] as new siding in new construction," limiting "concrete siding (also called Hardi-board) allowed on outbuildings and garages for new construction only."

Other historic zoning overlays (including Fourth and Gill, Old North Knoxville, and Edgewood-Park City) have approved fiber cement lap siding (typically with a smooth finish, 4-5" in exposure) on new construction through the design review process, and with the general consent of the neighborhood.

Fiber cement lap siding has not yet been approved on additions or on new construction in Mechanicsville. In the opinion of staff, the fiber cement lap siding does not meet the current Mechanicsville design guidelines, though can be appropriate for new construction, based on the preference of the Commission and the neighborhood.

10. Guidelines recommend that new buildings use materials consistent with the street and the surrounding neighborhood. Materials are not specified for the proposed windows. Slider windows are not a historic window form; the windows should be revised to be double-hung windows.

Vinyl windows are not appropriate in a historic district; alternative materials could include fiberglass or aluminumclad wood, based on the preference of the Commission and the neighborhood. The applicant should clarify window materials for the Commission's approval.

Guidelines recommend a "strong sense of entry," which is achieved via a half-light door accessed via a full-length front porch. The proposed door selection should be compatible with the rest of the house; basic steel or synthetic doors should not be used.

Staff Recommendation

Staff recommends approval of Certificate 3-B-25-HZ, subject to the following conditions:

1) application to receive variances from BZA at the March meeting and meeting relevant standards of City Zoning code, including Article 4.6 for Middle Housing standards;

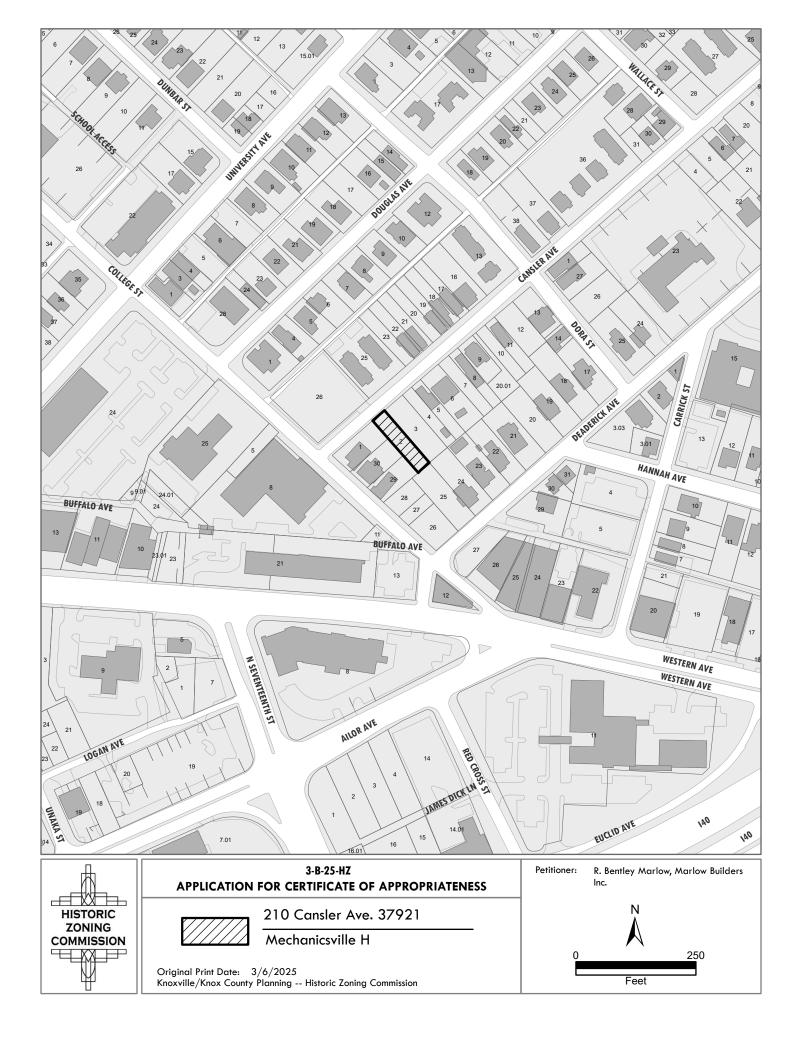
2) front setback to be recessed towards rear property line to align with blockface, with final approval by staff;

3) CMU foundation to be clad in stucco, parge-coated or clad in brick veneer;

4) front porch to be extended to 8' deep, and feature wood tongue-and groove flooring and a wood beadboard ceiling;

5) slider windows to be revised to double-hung windows, with final specifications submitted to staff for approval;

- 6) front door specifications to be submitted to staff for approval;
- 7) Commission and neighborhood to discuss and approve final exterior siding material.





DESIGN REVIEW REQUEST

□ DOWNTOWN DESIGN (DK)

HISTORIC ZONING (H)

□ INFILL HOUSING (IH)

R. Bentley Marlow

Applicant		
4 February 2025	20 March 2025	3-B-25-HZ
Date Filed	Meeting Date (if applicable)	File Number(s)

CORRESPONDENCE

All correspondence related to this application should be directed to the approved contact listed below.

Owner	📕 Contractor 🗌 Engin	eer 🗌 Architect/Lands	scape Architect		
R. Bentley Ma	arlow		Marlow Builders,	Inc.	
Name			Company		
322 Douglas	Avenue		Knoxville	Tennessee	37921-4813
Address			City	State	Zip
865-607-435	7	rbentleymarlow@	gmail.com		
Phone		Email			

CURRENT PROPERTY INFO

210 Cansler, LLC	322 Douglas Avenue		865-607-4357
Owner Name (if different from applicant)	Owner Address		Owner Phone
210 Cansler Avenue		094KD002	
Property Address		Parcel ID	
Mechanicsville		TDR/RN2	
Neighborhood		Zoning	

AUTHORIZATION

bay 7 anois Signatur

Lindsay Lanois

Please Print

Date

2.28.25

R. Bentley Marlow

4 February 2025

Please Print

Date

REQUEST

DOWN LOWN DESIGN	Level 1: Signs Alteration of an existing building/structure Level 2: Addition to an existing building/structure Level 3: Construction of new building/structure Site design, parking, plazas, landscape See required Downtown Design attachment for more details. Brief description of work:
HISTORIC ZONING	Level 1: Signs Routine repair of siding, windows, roof, or other features, in-kind; Installation of gutters, storm windows/doors Level 2: Major repair, removal, or replacement of architectural elements or materials Additions and accessory structures Level 3: Construction of a new primary building Level 4: Relocation of a contributing structure Demolition of a contributing structure Brief description of work:
	Level 1: Driveways, parking pads, access point, garages or similar facilities Subdivisions Level 2: Additions visible from the primary street Changes to porches visible from the primary street Level 3: New primary structure Site built Modular Multi-Sectional See required Infill Housing attachment for more details. Brief description of work:

	ATTACHMENTS	FEE 1:		TOTAL:
ONLY	Downtown Design Checklist	250.00	1	250.00
	Historic Zoning Design Checklist	FEE 2:		
USE	Infill Housing Design Checklist			
TAFF (ADDITIONAL REQUIREMENTS			
STA	Property Owners / Option Holders	FEE 3:		
	Level 1: \$50 • Level 2: \$100 • Level 3: \$250 • Level 4: \$500		Po	02/28/2025, SG

CANSLER AVE DUPLEX NEW RESIDENTIAL CONSTRUCTION

210 Cansler Ave, Knoxville, Tennessee



ELEVATION MARKER XX-XX A.F.F.

SPOT ELEVATION <u>×</u>

F.F.E. = FINISH FLOOR ELEVATION

FLOOR PLAN TAGS

ROOM NAME - APPROXIMATE INTERIOR SQUARE FOOTAGE - APPROXIMATE INTERIOR LENGTH AND WIDTH

ROOM NAME

APPROXIMATE INTERIOR SQUARE FOOTAGE

IDENTIFIER WINDOW TYPE IF SCHEDULED

DOOR TYPE IF SCHEDULED AA##" ##"-IDENTIFIER, SIZE IN INCHES

##" ##"AA_IDENTIFIER, DOOR TYPE DOOR SIZE, N NCHES, ON FLOOR PLAN

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KEY MAP NTS				

SHEET NUMBER	SHEET NAME	Sheet Issue Date	Current Revision Description	Current Revision Date
01 - GENERAL				
G000	PROJECT INFORMATION	2/4/2025		
G001	CONSTRUCTION NOTES	2/4/2025		
G002	CONSTRUCTION NOTES	2/4/2025		
G003	UL ASSEMBLIES	2/4/2025		
05 - ARCHITECTURAL				
A101	FOUNDATION PLAN, FLOOR PLAN, & ROOF PLAN	2/4/2025		
A102	SCHEMATIC FRAMING PLANS & WALL SECTION	2/4/2025		
A201	EXTERIOR ELEVATIONS & SITE PLAN	2/4/2025		
A304	AIR SEALING DETAILS	2/4/2025		

OWNER

DETECTION AND ALARM SYSTEMS

Marlow Builders, Inc Marlow Builders, Inc. 322 Douglas Ave Knoxville, TN 37921 CONTACT: Bentley Marlow CELL PHONE: (865) 607-4357 EMAIL: rbentleymarlow@gmail.com

FACILITY AND CODE COMPLIANCE PARCEL DESCRIPTION 094KD002

SUBDIVISION	MOSES FAIRVIEW PT 46
PROPERTY ZONE	RN-2
PROPERTY SIZE	0.09 ACRES
BUILDING SQUARE FOOTAGE	MAIN FL.: 1378 SF TOTAL: 1378 SF
FLOOR LEVELS	ONE STORY
CONSTRUCTION CLASSIFICATION	V-B, UNPROTECTED, UNSPRINKLERED
OCCUPANCY CLASSIFICATION	RESIDENTIAL
OCCUPANT LOAD	1378/200 = 7 OCCUPANTS
RATED WALLS	NONE

LINE VOLTAGE, INTERCONNECTED, SMOKE DETECTORS IN EACH BEDROOM AND OUTSIDE EACH BEDROOM IN CLOSE DXIMITY, WITH BATTERY BACKUP LY FROM THE OUTSIDE OF

EMERGENCY ILLU NOT REQUIRED MAX TRAVEL DISTANCE TO EXITS < 75' OB < 100' IF SPRINKLERED

PROV DED BY OWNER FIRE EXTINGUISHERS

ARCHITECT

oysk³ architects 1545 Western Avenue, Suite 100 Knoxville, TN 37921 CONTACT: Cara Knapp OFFICE PHONE: (865) 523-8200 EMAIL: office@ovsk3architects.com

BUILDING STANDARDS

SCOPE OF WORK: 1-STORY DUPLEX. WOOD FRAME ON CMU FOUNDATION, WITH TYPICAL UTILITIES; SITE GRADING AS REQUIRED.

ADOPTED CODES: 411 WORK SHALL BE PERFORMED IN ACCORDANCE

2024 INTERNATIONAL RES DENTIAL CODE 2018 INTERNATIONAL ENERGY CONSERVATION

ALL MATERIALS USED ARE TO BE INSTALLED WITH STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED DETAILS & INSTRUCTIONS.

FIRE RESISTANCE: EXTERIOR WALLS: 0 HR. 0 HR. 0 HR. TION:

DESIGN LOADS:
 JESIGN LOADS:

 FLOOR, 1st:
 40 PSF LIVE + 10 PSF DEAD

 FLOOR, 2nd:
 40 PSF LIVE + 10 PSF DEAD

 ROOF:
 20 PSF LIVE + 10 PSF DEAD

 SLEEPING AREAS:
 30 PSF LIVE + 10 PSF DEAD

 INTERIOR STAIRS:
 40 PSF LIVE + 10 PSF DEAD
 *REFER TO SNOW LOAD & WIND LOAD PER SECTION B301 OF THE INTERNATIONAL RESIDENTIAL CODE

SEISMIC LOADING TO BE BASED ON REQUIREMENTS OF SECTION R301 OF THE IRC.



CONSTRUCTION **CANSLER AVE DUPLEX** NEW RESIDENTIAL C 210 Cansler Ave, Knoxville, Tennessee

DRAWN BY: MB

PROJECT

G000

G: GENERAL NOTES

I. EXAMINE AND BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS IN THEIR ENTIRETY, SURVEY THE PROJECT AND BECOME FAM LIA WITH THE EXISTING CONDITIONS AND SCOPE OF WORK. ALL COSTS SUBMITTED SHALL BE BASED ON A THOROUGH KNOWLEDGE OF ALL BASED ON A THOROUGH KNOWLEDGE OF ALL WORK & MATERIALS REQUIRED, ANY DISCREPANCY AND/OR UNCERTAINTY AS TO WHAT MATERIAL OR PRODUCT IS TO BE USED SHOULD BE VERIFIED WITH THE OWNER OR APOLITECT

ARCHITECT. THE CONTRACTOR AND SUB-CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK, AND ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.

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A R CONDITIONING, ETC., ARE TO BE ESTABLISHED BY OTHERS. THE ARCHITECT IS NOT RESPONSIBLE FOR MODIFICATIONS TO THESE DRAW NGS THAT ARE NOT REV EWED & APPROVED BY THE ARCHITECT

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S: SITE NOTES

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C: CONSTRUCTION NOTES

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P: PLUMBING NOTES

PLUMBING SUBCONTRACTOR TO BE RESPONSIBLE FOR ADHERING TO ALL APPLICABLE CODES AND SAFETY

REAR OF THE HOUSE, AWAY FROM PROMINENT VIEW ALL VENT STACKS TO BE PRIMED & PAINTED TO CLOSELY MATCH ROOF COLOR. GENERAL CONTRACTOR TO COORDINATE HOSE BIB LOCATIONS WITH OWNER.

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EN: FOUNDATION NOTES

GENERAL CONTRACTOR TO REVIEW PLANS, ELEVATIONS, AND DETALS FOR DIMENSION OF F NISHED FLOOR ABOVE TYPICAL GRADE. GENERAL CONTRACTOR TO COMMUNICATE TO THE ARCHITECT ANY SITE CONDITIONS THAT REQUIRE MOD FLATION TO DIMENSIONS INDICATED ON PLANS, SECTIONS, OR EXTERIOR ELEVATIONS.

REINFORC NG BARS ARE CONTINUOUS UNLESS NOTED OTTERWISE LAP MESH 24 T SPLCES. LAP STEIM WALL BARS (22 BAR DIAMETERS) AT SPLCES. IMMAM. AT OUTSDE CORNERS OF CONCRETE POOTINGS & STEIM WALLS PROVIDE 44 X 44° CORNER BARS IN EACH FACE AT SAME SPACING AS HORIZONTAL REVOL FACE AT SAME SPACING AS HORIZONTAL ST Y IS A MICHING ST ID. X 5" H.S. ANCHOR STUD. PROV DE 3/8" STIFFENER PLATE ON EACH SIDE OF BEAM AT THE BEAR NG PLATE. CONCRETE FOOTING NOTES

ALL FOOTINGS TO HEST ON UNDISTURBED OR COMPACTED SO L OR GRAVEL WITH A MINIMUM BEARING CAPACITY OF 2,000 LBS PER SQUARE FOOT. EXCAVATE SOFT SO LS WHERE NECESSARY AND FILL WITH 3,000 PSI CONCRETE. FORM SIDES OF FOOTINGS WITH WOOD WHERE REQUIRED. GENERAL CONTRACTOR TO VERIEV FOOT NG DEPTHS WITH LOCAL FROST REQUIREMENTS OR EXIST NG SO L CONDITIONS, WHICHEVER IS MORE RESTRICTIVE

IESTRICTIVE. A) TOPS OF FOOTINGS ARE AT SAME ELEVATION IT JUNCTURE OF WALL FOOT NG AND COLUMN OOTING: (B) WALL FOOTING REINFORCEMENT TO

REQUIREMENTS. HEATERS AND HVAC EQUIPMENT AS REQUIRED CONTRACTOR TO COORDINATE GAS SERVICE REQUIREMENTS WITH THE OWNER & GAS

REQUIREMENTS WITH THE UNTERLINE SAC-SUPPLIER. F WALL PLATES OR JOISTS ARE CIT DUR NG THE INSTALLATION OF PLUMING FIXTURES OR EQUIPMENT, PROVIDE BRACING TO THE FRAMING BACINGTONET LOCATE WATER HEATERS IN WATER-RETAINING FILMS REAVIDE AUXILIARY DATAIN TO OUTSIDE

DOWNER WATER HEATERS IN WATERS IN WATERS IN THE ATTIC. VENT STACKS IN BE LOCATED TO THE

BIB LOCATIONS WITH OWNER. PROVIDE AN NSIDE MAIN WATER CUTOFF AND PRESSURE REDUC NG VALVE AT AN EAS LY ACCESSED LOCATION.

REINFORCEMENT TO HUN CONTINUOUS THROUGH COLUMN FOOTING; (C) BOTTOM OF FOOTING OF HIGHER FOOTING TO STEP TO BOTTOM OF LOWER FOOTING AT SLOPE OF 1-VERTICAL TO 2-FOOTING AT SLUFE OF TALENDARY HORIZONTAL CONCRETE N FOOTINGS SHALL HAVE AN

PLANS. FOOTING SIZES SHOWN ARE ONLY TYPICAL FOR STATED SOIL PRESSURES AND CONTINENT COMPACTION. WHICHEVER IS MORE RESTRICTIVE

COMPACTION, WHICH EVEN IS MORE RESIDENT THE FOOTS PROTECTION: ALL MASCINRY SHALL BE PROTECTED AGAIN STFREZING FOR NOT LESS THAN 48 HOURS AFTER INSTALLATION, AND SHALL MISSING TEMPERATURES, OR BELOW SID DEGREES F ON PALLING TEMPERATURES. BONDING: MASCHARTINES, OR BELOW SID DEGREES F ON PALLING TEMPERATURES. PO NTS WHERE THEY NTERSECT BY ONE OF THE FOLLOWING BIFTHODS: (A) BY LANNG AT LEAST 50%, OF THE UNITS AT THE INTERSECTION IN TRUE MSONRY BOND, WITH ALTERNATE LUNITS HAWNON A BEAR NG OF NOT LESS THAN & UPON THE UNIT BELOW; (B) THEY MAY BE ANCHORED WITH NOT LESS THAN 311° CORROSION RESISTANT METAL WIRT TES OF JOINT REINFORCEMENT AT VERTICAL INTERVALS NOT TO EXCEED 34°. OR (C) BY OTHER EQUINALENT APPROVED ANGLOAGES

26. BEARING: BEAM, G RDER, & OTHER BEARING: BEAM, G RDER, & OTHER CONCENTRATED LOADS SHALL BE PROVIDED WITH A BEARING OF SOLD MASONRY, OR MILL AND A BEARING OF SOLD MASONRY, OR MILL AND AND AND AND AND AND AND AND MILL AND AND AND AND AND AND AND AND ANY CAUL BASEMENT ANDOR FOLNOATION WALL WITH MORE THAN 3'O' OF EARTH AGNIST T, TO BE REINFORCED WITH A FEBAR VERTICAL

 AWIC DUM RESIZE N. AND OF LEILEN I. LA MICH DUM RESIZE N. AND OF LEILEN I. LA III. TO BE REPORTED WITH A RESIZE W VEHTCAL N. LEDOT FLED COME FLEX S. M. et C.D. REPORT TO BE REPORTED WITH THREESEN HEART. TO BE REPORTED WITH THREESEN HEART. TO BE REPORTED WITH THREESEN HEART. TO BE REPORTED WITH THREESEN POULT FLED COME VEHTCAL REPORT FLED COME VEHTCAL REPORT FLED COME VEHTCAL REPORT FLED COME VEHTCAL REPORT FLED COMESSION OF LOW THREESEN COMESSION OF LOW COMESSION OF LOW COMESSION INDUCTOR DU FAUITAS IL CUMERDARS ELEVATIONS ELEVATIO

FOUNDATION STEEL NOTES

CONCRETE SLAB NOTES UNLESS OTHERWISE NOTED, ALL SLABS ON GRADE TO BE 300 PSI CONCRETE [20-DAY COMPRESSIVE STRENOTH ON 4" SAND OR GRAVET, FILL, NIMIMIM, NITERIOR SLABS TO BE PLACED ON 10 MLL STABILZED POLVETHYLENE VAPOR BARRIER, ON GRADE SHALL HAVE IN NOM THEORES OF 4" THEORED TO 6" AT NIMIM THEORESS OF 4" THEORED TO 6" AT ALL STRUCTURAL STEEL SHALL BE OF DOMESTIC MANUFACTURE CONFORM NG TO ASTM STANDARD AISC SPECIFICATIONS. REINFORC NG STEEL SHALL BE OF NEW B LLET HIGH-STRENGTH STEEL OF DOMESTIC MANUFACTURER CONFORMING TO THE LATEST ASTM A-615 GRADE 60 FABRICATED N ACCORDANCE WITH LANKING OF STINNARD OF

Wend Buardiez,
 Wend Buardiez,
 Manuella, Marcia Carlo Andre Sinkul, Livike
 Minimum Hinderson Song Part Tocknott Tor et al. Look Bearnes: Walls, (ii) Sull Sinker 8 et al. Wink, (ii) Provide Per MouldBo Look Tor Lub Education, Jonn's AT Femmetterio of each wink, (iii) Provider Sinker 10 et al. Song Park entrankets, And Supeto Vr, Brill, Vol. 2009, Sinker and Supeto Vr, Brill, Vol. 2009, Sinker and Supeto Vr, Brill, Vol. 2009, Sinker entranket, And Supeto Vr, Sinker Hann, And Bernetter, All, Concerter Sunks on Autort two Entremon of Nuekarton Mitterinov Andersa, Sinker entranket and Mitterinov Andersa.
 Provude Lief Spoole Control, Lontra Art Procince Leader Supeto Andersa, Bonth Preconter Berly Societ, Control, Lontra Art Preconter Berly All, Concerter Sunks on Autort two Entremon on Universiton Mitterinov Andersa, 19 Provide Lief Spoole Control, Lontra Art Preconter Berly Booten, Control, Lontra Art Berly Berly Booten, Booten, Lontro Hender, All Berly Berly Booten, Booten, Education Berly Booten, Booten

THE WARDIN BARBER HELL FULL ENCIFIED WARDIN BARBER HELL FULL ENCIFIED SLAG CENTERED OR DIAGONAL TO THE AREA. VENT THE PERF PIPE WITH A 4" SOLID PVC VENT PIPE TO ROOF (VTH). EXTEND NG 12" ABOVE ROOF. PROVIDE ROOF VENT BOOT AND FLASH NG PANT PVC TO MATCH ROOFING. SEAL VAPOR TIGHT ALL PENETRATIONS OF THE SLAB, SUCH AS PIPES, DIA NS, CRACKS, ETC.

RUN CONTINUOUS THROUGH COLUMN FOOTING RUN CONTINUOUS THROUGH COLUMN FOOTING REINFORCEMENT TO RUN CONTINUOUS THROUGH FOUNDATION ANCHORAGE WALL SILL PLATES (M N MUM 2X4 MEMBER, PRESSURE TREATED) SHALL BE SIZED & ANCHORED AS REQUIRED TO RESIST UPL FT: PROVIDE TERMITE SHIELD BETWEEN TOP OF FOUNDATION AND PRESSURE TREATED SILL

PLATE. ALL ANCHOR POLITS TO BE ASTM GRADE 36, M N MUM 56° DIAMETER WITH 313/314° WASHER PLATE. THESE BOLTS SHALL BE EMBEDDED IN FOUNDATIONS TO A DEPTH OF NOT LESS THAN 5° IN WITH MASONRY, AND 5° IN POURED CONCRETE. THERE SHALL BE A MINIMUM OF 2 ANCHOR BOLTS PER SECTION OF PLATE, AND ANCHOR BOLTS PER SECTION OF PLATE, AND ANCHOR BOLTS SHALL BE PLACED WITHIN 12" OF EACH END OF EACH PLATE SECTION, WITH NTERMEDIATE BOLTS SPACED AT 42" O.C.

MAXIMUM. ANCHOR BOLTS, WASHER PLATES, & NUTS TO BE HOT-DIPPED CALVANIES

BE HOT DIPPED GALVANIZED. PROVIDE ANCHOR BOLTS ON EACH SIDE OF GARAGE DOORS TO MEET WIND BRACING R403.1.6

H: H.V.A.C. NOTES

In Intervalue, Incident In MECHANICAL SUBCONTRACTOR IS RESPONSIBLE FOR ADHERING TO ALL APPLICABLE CODES AND SAFETY RECURREMENTS. SUBJECT AND ADDRESS AND ADDRESS AND ADDRESS ALL SYSTEM DATA AND REQUIREMENTS WITH THE EQUIPMENT SUPPLIER. HVAC SUBCONTRACTOR TO PROVIDE F MALL SYSTEM LAYOUT DAVANCE AND SUBJECT TO THE GENERAL CONTRACTOR, OWNER, AND APPROVAL.

SEE THE GENERAL ELECTRICAL NOTES FOR THE LOCATION OF SARE AND RAGE IN NELATION TO THE LIGHT RETURNES.
 ALL THERMOSTATS TO BE LOCATED IN ALL THERMOSTATS TO BE LOCATED AN ATTOMAC WITHIN TO BE LOCATED AN ATTOMAC WITHIN TO CALL AND A CALL AND OF THEIR SERVICE OPEN NS. DO NOT LOCATE HETURN ARE GRALLES WITHIN TO CALL AS FRED APPLIANCE.
 DO NOT IORATE LIMITED AND A GAS FRED DO NOT IORATE LIMITED AND A GAS FRED

8. DO NOT LOCATE UNIT(S) OVER AREAS WITH A

WOOD FRAMING IN CONTACT WITH OR WI OF GRADE, SHALL BE BORATE-PRESSURE REATED. IZES OF STRUCTURAL MEMBERS: ALL LUMBER

SIZES SPECIF ED ARE NOMINAL SIZES. ACTUAL SIZES ARE SHOWN ON THE FLOOR PLANS. EQUIPARIT SUPPLEIR FOR REVIEW AND EQUIPARITS SUPPLEIR FOR REVIEW AND ANATORY & BATTINITED THROUGH NON-RECHANGELY VERY MULTED THROUGH NON-BENARCOM UCORE UNDERGUT BATHROWN UCORE (B.A.L. KITCHEN RANGE DI ARIA THE RATE OF 80 CARE. UNDERGUT BATHROWN UCORE, B.A.L. KITCHEN RANGE DI THROUGH NON-COMBUSTELE DUCTS TO EXTRACT A RATE INE RATE OF 80 CARE. SERVICES UCCINA TO EXTRACT REVIEW IN THE RATE OF 100 CARE. SERVICE SERVICES UCCINA TO EXTRACT SERVICES UCCINA TO EXTRACT SERVICES UCCINA TO EXTRACT AND CARE. SERVICES UCCINA TO EXTRACT AND CARE. SERVICES UCCINA TO EXTRACT AND CARE. UCCATTOR OF SALT VERTICAL NOTES FOR THE UCCATTOR OF SALT VERTICAL NOTES FOR THE SIZES ARE SHOWN ON THE FLOOR PLANS.

 STRUCTURAL POSTS: ALL ISOLATED STRUCTURAL POSTS SHALL HAVE , MINIMUM DIMENSION OF 4*, WITH SUBSTITUTIONS

EN: FRAMING NOTES

R: ROOFING, SEALING, & FLASHING

1. UNDERLAYMENT SHALL BE A WATER-RESISTANT,

UNDERLAYMENT SHALL BE A WATER-RESISTANT, WORD REPARLENCE, WOVEN DY, AND RE MERBANE DISTALLED WITH CAP VALS OF CAP STARLES N ACCORDANCE WITH HE MANUFACTURERS NOT ALL MORE UTLEVES. NOT ALL MORE UTLEVES. WATER OF OF DURGEATWENT COEMINGERS NAME BUSIESS OF ALL DESTINATION OF THE MARKED OF THE UNDERLAYMENT COEMINGEN AND ALL BUSIESS OF DEVELOPMENTS IN DECEMBER AND ALL DEVELOPMENTS IN DECEMBER AND ALL DEVELOPMENTS AND ALL BUSIESS OF DEVELOPMENTS IN DECEMBER AND ALL DEVELOPMENTS IN DEVELOP

FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33% OR GREATER), UNDERLAYMENT SHALL BE ONE LAYER APPLIED AS

UNDERVISION SINCE BE UNE LAYER APPLIED AS PLAPPIX SHARESTYLE PARALLELT ON MO A SPATTING FROM THE EAVE WITH COURSE LAPS & END LAPP SFEM MANUFACTURERS GUIDELNES; B. DISTORTIONS IN THE UNDERLAYMENT SHALL NOT WITERRER WITH THE AUTOY OF THE SH NGLES TO SEAL; C. END LAPS SHALL BE OFFSET BY SIX FEET.

SHEATHING. 7. FIBERGLASS/ASPHALT SH NGLES SHALL HAVE THE MINIMUM NUMBER OF FASTENERS REQUIRED BY THE MANUFACTURER, BUT NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE, OR TWO FASTENERS PER INDIVIDUAL SH NGLE.

8. EXTERIOR JOINTS AROUND WINDOWS & DOOR FRAMES, BETWEEN WALL & FOUNDATON, BETWEEN WALLS, DETWEEN WALL & FOUNDATON, BETWEEN SERVICES PENETRATIONS THROUGH WILLS FLOORS, & ROOF, NOP ALL OTHER OPENINGS IN THE EXTERIOR ENVELOPE SHALL BE SEALED IN AN APPROVED MANNER, REFER TO AIR SEALING DETALS ON SHEET A 30

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ROOFING: UNDERLAYMENT

ROOFING: SHINGLES

SEALING:

ALL RAFTERS TO BE MIN. 2X8'S AT 24" O.C. UNLESS NOTED OTHERWISE ON PLANS (VERIFY SIZE AND SPACING PER LOCAL BUILDING CODE).
 ALL TRUSS OR RAFTER & TOP PLATE INTERSECTIONS TO RECEIVE GALVANIZED

WIND/SEISMICTES. HIP/VALLEY RAFTERS AND RIDGE BOARDS TO BE ONE SIZE LARGER THAN TYPICAL

I PROVINCE TWI COLLAR TES AT LIPBER 10 CF VERTICAL DISTANCE ERITVER NO RE BOARD AND CELINA JOIST 69 49 0.C. ULLESS NOTEO INTERVISE. EN ULLESS NOTEO INTERVISE. E REVIEW NATERSTRUSSES. ERIVER NATERSTRUSSES. EN ULLESS NOTEO INTERVISES. INTERVISES ERIVER NO SMALL BE REGISTRED IN THE STATE OF TENNESSES ETINES DRIVERE, MYOS SMALL BE REGISTRED IN THE STATE OF TENNESSES. EXTRUMED, APPROVED SHOP DEPECTOR ECONS.

STAIRS & RAILINGS S. STAIR CONSTRUCTION TO CONSIST OF THREE 2X12 STRINGERS, 54° OR 2X THICK TREADS, AND 34° THICK RISERS, OR MATERIALS FABRICATED BY A COMPONENT

L HANDFARLS: RECURED ON BOTH SIDES OF STARS; MIN MUN HEIGHT OF RAIT TO BE 3# ABOVE NOSE OF THEAD, MAXBAILM HEIGHT OF 5-85; MINNENIM 1-127 CLEAR SPACETON OF 5-85; MINNENIM 1-127 CLEAR SPACETON OF 5-85; MINNENIM 1-127 CLEAR SPACE OLIVARIANT AT STAR BEH ND RALL. GUARDS AT STAR RE-NOSE OF TRAD. PER R SECTOR RESI. NOSE OF TRAD. PER R SECTOR REST. I. ALLOW PASSAGE OF A 5 SPIERE.

B. OPEN NSS IN THE GUARD SHALL NOT ALLOW PASSINGE OF A "SPHERE FORMED BY THE BOTTOM FAIL THEAN FORMED BY THE BOTTOM FAIL THEAN AND RISER, WHICH SHALL NOT ALLOW PASSAGE OF A "SPHERE. 40. OTHER GUARDS: GUARDS ARE REDO AT ALL WALKING SURFACES THAT ARE LOCATED MORE THAN 30"

SUBFACES THAT ARE LOCATED MORE THAN 3 VERTICALLY ADOVE AN AUACENT FLOOR OR GRADE. SEE ALSO IRC SECTION 312.1. A. MINIMUM HIGINT TO BE 36' ABOVE WALKING SURFACE. B. OPEN NOS IN THE GUARD SHALL NOT ALLOW PASSINGE OF A "SPHERE INSECT SCHEDING SHALL NOT BE INSECT SCHEDING SHALL NOT BE FRAM NO. NOTATIONS CONFORM TO THE INTERNATIONAL RESIDENTIAL ODF CUBRENCE

A TRANSPORTATIONS CORPORTING TO THE INTERNATIONAL RESIDENTIAL CODE CURRENT AT THE TIME OF SUBMISSION FOR PERMITS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CONSULT NOS WITH CODE OFFICIALS PRIOR TO USING THE FRAM NG MATERIALS PROVIDED TO DISUBJE COMPLIANCE WITH CODES AND

ENSURE COMPLIANCE WITH CODES AND STRUCTURAL INTEGRITY, DUE TO VARIATIONS

IN LOCAL CODES AND GEOLOGICAL CONDITIONS, REVISIONS TO THESE PLANS MAY

PROVIDE R-10 RIGID INSULATION AT SLAB EDGE: GENERAL CONTRACTOR TO VERIFY WITH LOCAL CODE. REFER TO IECC IEC PRESCR PTIVE REQU REMENTS CHART ON SHEET G002

REQU REMENTS CHART ON SHEET GOO2 UNDER ENERGY CODE NOTES. INSTALL SIDE WALL AND CEIL NG INSULATION IN CONTINUOUS BLANKET WITHOUT HOLES FOR ELECTRICAL BOXES, LIGHT FRUTURES, OR HEATING DUCTWORK. CAULK ALL OPENNIGS. N EXTERIOR WALL

CONSTRUCTION. FLOORS OVER UNHEATED SPACE TO HAVE R-19 INSULATION BETWEEN JOISTS.

R-19 INSULATION BETWEEN JOISTS. HVAC DUCTS LOCATED IN UNHEATED SPACES TO BE INSULATED WITH R-8. GENERAL CONTRACTOR TO VERIFY WITH LOCAL CODE. ALL EXPOSED INSULATION TO HAVE A FLAME

SPREAD RATING OF LESS THAN 25, AND A SMOKE DENSITY BATING OF LESS THAN 450

SINORE DENSITY FAILING OF LESS WITH FILL ALL UNGROUTED CMU CELLS WITH VERMICULITE, OR FOAM-N-PLACE INSULATION N BASEMENT WALLS. REFER TO AIR SEALING DETAILS ON SHEET A

IN: INSULATION NOTES

AFTERS. PROVIDE 2X6 COLLAR TIES AT UPPER 1/3 OF

LUMBER STUD WALLS ARE TYPICALLY; (EXTERIOR) 2X6 OR

(INTERIOR) 2X4, UNLESS NOTED OTHERWISE. ALL WOOD FRAMING N CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED. ALL WOOD ERAMING IN CONTACT WITH OR WITHIN #

MANDALIA CAMERSCAL OF F, VINT SUBSTITUTIONS AS FOLLOWS: AN POCTS - 10 24% MALED DE CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL OF CAMERSCAL OF A CAMERSCAL STRUCTURAL FRAMING: ALL FRAM NG MATERIAL DE EF 20 MONTAL LUMBER SAUL BE DE TSO MONTAL OF A CAMERSCAL OF A CAMERSCAL MINIMUM, OR SOUTHERN YLLOW PRE (SYR) WITH HISTORIAL OF A CAMERSCAL OF A CAMERSCAL STRUCTURE IN MINIMUM, AS FOLLOW FRE STRUCTURE OF A CAMERSCAL OF A CAMERSCAL STRUCTURE OF A CAMERSCAL OF A CAMERSCAL STRUCTURE OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL OF A CAMERSCAL AND A CAMERSCAL OF A CAMERS

OR BETTER
 BEAMS / HEADERS: DFL OR SYP #2 OR PSL/LSL
 ALL WOOD FRAMING AT BEARING WALLS SHALL BE

ALL WOOD FRAMING AT BEARING WALLS SHALL AS FOLLOWS: 1# FLOOR: 244s @ 16" O.C. (# 9 STORIES, USE 245% @ 16" O.C.) 2nd FLOOR: 244s @ 16" O.C. 3rd FLOOR: 244s @ 16" O.C. 3rd FLOOR: 244s @ 16" O.C. ALL T.IIE ARE TO BE SERIES 230 UNLESS NOTED DTUERING:

B. DO NOT LOCATE UNITIES) OVER AREAS WITH A SIL MENHANCIAL MAD PULNIBING VENT STACKS, NOLIDININ GAS FLUES, TO BE LOCATED TO GETTIER IN THE ATTC TO BE MONITARE ROOFED TO THE REAR OF THE HOUSE, AWAY FROM PROMINENT VIEW, ALL VENT STACKS AND FLUES TO BE PRIMED & PAINTED TO CLOSELY MATCH THE ROOF COLOR. FRAMING ALL FRAME WALLS OVER 10'-0" HIGH TO BE 226s AT 16" O.C., AND RECEIVE ROWS OF 226 BLOCKING AT IN MELIA, HANGERS, SMPSON S HOMON-TE OR CUIVALENT, WITH GALVANED PASTENERS FOR INTERIOR APPLICATIONS, AND 2-MAX FASTENERS FOR EXTERIOR APPLICATIONS, AND 2-MAX FASTENERS FOR EXTERIOR APPLICATIONS OR WHERE N CONTACT WITH PRESSURE TREATED LUMBER. CONTINUOUS BEARING FROM POINT OF LOAD TO FOLINDATION SHALL BE PROVIDED BY MEANS OF COLUMNAS & SULID BLOCKING AT EACH FLOOR

FP: FLOOR PLAN NOTES P: FLOOR PLAN NOTES DO NOT SCALE DRAWINGS FOLLOW DIMENSIONS ONLY, REFERENCE DIMENSIONS IN ASSOCIATED DETAILS AND OTHER DRAWINGS BEPORT DISCREPANCE SIT OTHE ARCHITECT FOR RESOLUTION. ALL DIMENSIONS ARE CALCULATED FROM THE OUTS DE FACE OF STUD WALL DU OTISDIE FACE OF STUD WALL UNLESS NOTED OTHERWISE. STUD WALLS ARE TYPICALLY, EXTERDIENT 29 APP.09

PROVIDE FULL SOLID BEARING OR TRIPLE-STUD RFARING UNDER ALL BEAM BEARING POINTS. OF STUD WALL UNLESS NOTED OTHERWISE STUD WALLS ARE PTOPED OTHERWISE STUD INTERIOR XXI, UNLESS AT THE DIRACTO CAMPU-MILES AND TOTAGEN AND AND AND AND AND CALSS MAT OFFICIAL RECEPTOR AND AND REPORT OF AND AND AND AND AND AND REPORT OF AND AND AND AND AND AND AND SHORE AREAS. ALL TRANSPACEMENT OF TRANSLIGATOR FALLES SHORES AREAS.

PRESCRIPTIVE DESIGN REQUIREMENTS IN THE AI & PA "WOOD FRAME CONSTRUCTION MANUAL". BRACE EXTERIOR STUD WALLS AT CORNERS BY WHIRLPOOLS, SAUNAS, STEAM ROOMS, OR HOT TURS TO BE TEMPERED GLASS OR OTHER SAFETY

BRACE SETTINGS FULD WALLS AT CONNERES BY ONE OT THE TALL DARKS METHODS TO ALLS AT CONNERS THE ALL DESCRIPTION AND THE AT OF ALLS ON ALL DESCRIPTION FOR ALL OF ALL DARKS AND SECRIPTION TO FAMILY WITH THE GREATEN TO FAMILY AND ALL DARKS AND ALL WITH THE GREATEN TO ALL DARKS AND ALL DARKS AND PROVIDE DARKS AND ALL DARKS AND ALL DARKS AND WITH THE GREATEN TO ALL DARKS AND ALL DARKS AND PROVIDE DARKS AND ALL WALLS WHICH ARE PARALLEL TO FLOOR ALL WALLS WHICH ARE PARALLEL TO FLOOR ALL TALL WALLS WHICH ARE PARALLEL TO FLOOR AND TALL ALL DARKS AND ALL GLAZING. BATHROOMS AND UT LITY ROOMS TO BE VENTED TO THE OUTSIDE WITH A 50 CFM FAN (MINIMUM). RANGE HOODS TO BE VENTED TO OUTSIDE. CABINET SUPPLIER TO FIELD MEASURE AREA OF

WORK AFTER INSTALLATION OF DRYWALL TO ENSURE EXACT FIT. THE CABINETS SHALL MATCH PLANS & ELEVATIONS. NOTIFY CONTRACTOR OF

PLANS & ELEVATIONS: NOTIFY CONTRACTOR OF ANY DISCREPANCIES. PROVIDE TOPS, SPLASH, LAVATORIES, AND WHIRLPOOL TUB PER OWNER'S SELECTIONS. CARPET SHALL BE INSTALLED AS PER THE "STANDARD FOR INSTALLED AS PER THE "STANDARD FOR INSTALLED AS PER THE CARPET BY THE CARPET AND RUG INSTITUTE. SPAN DIRECTION. 18. PROVIDE "X" BRACING OR SOLID BLOCKING AT A MAXIMUM OF 6'-0" O.C. AT ALL 1-1/2" FLOOR JOISTS 19. ALL HEADERS TO BE FREE OF SPLITS AND

CHECKS. MINIMUM HEADER SIZE AT OPENINGS IN NON-LOAD 20 . MINIMUM HEADEH SIZE AT OPENINGS IN NON-LOAI BEARING WALLS TO BE TWO 2X8# WITH 1/2" PLYWOOD GLUED & NAILED BETWEEN. MINIMUM HEADER SIZE IN LOAD-BEARING WALLS TO BE TWO 2X12# WITH 1/2" PLYWOOD GLUED & NAILED BETWEEN.

NALED BETWEEN. PROVIDE DOUBLE HEADER JOISTS AND TRIMMERS AT ALL FRUOR OPENINGS. ALL STRUCTURAL STEEL TO CONFORM WITH ASTM SPECIFICATION A:36.

Control of the control and had not an an information of the term of the control o 23

HELE CATION A-36. UNLESS OTHERWISE NOTED, PROVIDE A WOOD 2X PLATE BOLTED TO THE TOP FLANGE OF ALL STEEL BEAMS WITH 80 DIAMETER BOLTS STAGGERED @ 24" O.C.

GTTFOURT BUJARU ON EACH SIDE. 12. ALL BATH AND TOILET AREA WALLS AND CEILINGS ADJACENT TO WET AREAS TO HAVE WATER-RESISTANT GYPSUM BOARD. 3. UNLESS NOTED OTHERWISE, FINISH ALL EXPOSED GYPSUM WALLS TO LEVEL 4 FINISH. SHEATHING

- LOOK SHEATHING: A PAY STURD HADOR 34* TONGUE & GROOVE, NTERIOR GRADES, PROT DE ADDITIONAL 34* DE TOTIONAL 34*

20151 a 10 ENGINE A 1-21 ENG SYSTEM. 26. EXTERIOR WALL SHEATH NG: TYPICAL EXTERIOR 29/8 CTLID WALLS TO BE SHEATHED WITH 1/2"

EXTERIOR GRADE SHEATHING. SHEATHING TO SPAN OVER ALL PLATES AND HEADERS. SEE ALSO WALL BRAC NG" NOTE. 27. ROOF SHEATHING: A. APA SPAN RATED 5/8" EXTERIOR GRADE

A. APA SPAN RATED SIME EXTERIOR GRADE PL/WOOD:
 MONIMUM SPAN TO BE 24" O.C. WITH H-CLIPS: MANTAN IN GRAD BETWEEN PANELS. CODES SHALL BE BLOCKED WITH LLMBER OR OTHER APPROVED TYPE OF EDE SUPPORTS. PROVED EDUBLE 23% STROMGRADUC SPACING SING. PROVED EDUBLE 23% STROMGRADUC SPACING SING. CENTERLINE OF CE LING JOIST SPANS OVER 10"OT

	FASTENING SCHEDULE			
CONNECTION	FASTENER	LOCATION		
JOIST TO S LL OR GIRDER	4 - 10D COMMON	TOE NAIL PER JOIST		
BR DGING TO JOIST	2 - 8D COMMON	TOE NAIL EACH END		
SOLE PLATE TO JOIST OR BLOCK NG	3 - 16D @12* O.C.	TYPICAL FACE NAIL		
TOP PLATE TO STUD	2 - 16D COMMON	END NAIL		
STUD TO SOLE PLATE	4 - 8D COMMON	TOE NAIL		
	2 - 16D COMMON	END NAIL		
DOUBLE STUDS	2 - 16D @24* O.C.	FACE NAIL		
DOUBLE TOP PLATES	2 - 16D @ 24" O.C.	TYPICAL FACE NAIL		
DOUBLE TOP PLATES	8 - 16D COMMON	LAP SPLICE		
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	2 - 10D COMMON	TOE NAIL EACH END		
RIM JOIST TO TOP PLATE	3 - 16D @12* O.C.	TOE NAIL		
TOP PLATES, LAPS, & INTERSECTIONS	5 - 16D COMMON	BLOCKING TO SILL OR TOP PLATE (TOE-NAILED): 4 - 16D EACH BLOCK		
		BAND JOIST TO JOIST (END NA LED): 4 - 16E PER JOIST		
		BAND JOIST TO S LL OR TOP PLATE (TOE NA LED): 16D PER FOOT		
CONTINUOUS HEADER, TWO PIECES	16D COMMON @16" O.C.	ALONG EDGE		
CE LING JOISTS TO PLATE	4 - 10D COMMON	TOE NAIL		
CONTINUOUS HEADER TO STUD	4 - 8D COMMON	TOE NAIL		
CE LING JOISTS, HIPS OVER PARTITIONS	4 - 16D COMMON, MINIMUM	FACE NAIL		
CE LING JOISTS, PARALLEL TO RAFTERS	4 - 16D COMMON, MINIMUM	FACE NAIL		
RAFTER TO PLATE, HURRICANE CL PS	3 - 16D COMMON	TOE NAIL		
BU LT-UP CORNER STUDS	2 - 16D COMMON @24" O.C.	FACE NAIL		
BU LT-UP GIRDER & BEAMS	20D COMMON @32" O.C. 2 - 20D COMMON	FACE NAIL AT TOP & BOTTOM, STAGGERED ON OPPOSITE SIDES FACE NAIL AT ENDS & AT EACH SPLICE		
COLLAR T E TO RAFTER	5 - 10D COMMON	FACE NAIL AT ENDS & AT EACH SPLICE		
JACK BAFTER TO HIP	3-10D COMMON	TOE NAIL		
ROOF RAFTER TO 2x RIDGE BEAM	2 - 16D COMMON 2 -16D COMMON	FACE NAIL TOE NAIL		
HOUF HAFTER TO 2X HIDGE BEAM				
	2 - 16D COMMON	FACE NAIL		
JOIST TO BAND JOIST	4 - 16D COMMON	TOE NAIL		
LEDGER STRIP	3 - 16D COMMON PER FOOT	FACE NAIL		
WOOD STRUCTURAL PANELS & PARTICLE BOARD:		OMMON: 6" O.C. EDGE SPAC NG D.C. F ELD SPACING		
SUBFLOOR, ROOF, & WALL SHEATHING (TO FRAMING):	12.0			
SINGLE FLOOR (COMB NATION SUBFLOOR- UNDERLAYMENT TO FRA,MING				
PANEL SIDING TO FRAMING	1/2" & LESS 8D COMMON: 6" O.C. EDGE SPACING 5/8" 12" O.C. F ELD SPACING			
FIBERBOARD SHEATHING	1/2" 8D ROOFING: 3" O.C. EDGE SPACING 8" O.C. FIELD SPACING			

ABBREVIATIONS

A/C	AIR CONDITIONING	FD	ELOOB DBAIN	NEO	NEOPBENE	TRS	TO BE SELECTED
ABV	ABOVE	FE	FIRE EXTINGUISHER	NIC	NOT IN CONTRACT	T	TREAD
ACOUST	ACOUSTICAL	FEC	FIRE EXT NGUISHER CABINET	NO	NUMBER	TAG	TONGUE AND GROOVE
ACT	ACOUSTICAL CEILING TILE	FF	FINISH FLOOR	NTS	NOT TO SCALE	TEMP	TEMPERED, TEMPORARY
AD	AREA DRAIN	FH	FLAT HEAD			THK	THICK(NESS)
ADJ	ADJUSTABLE, ADJACENT	FHC	FIRE HOSE CABINET	OC	ON CENTER	THOLD, TH	HTHRESHOLD
AFF ALT	ABOVE FINISH FLOOR	FIN FLHMS	FINISH(ED)	OD	OUTSIDE DIAMETER		THREADS
ALIM	ALTERNATE	FLHMS	FLAT HEAD MACHINE SCREW FLOOR	0-0	OPPOSITE HAND, OVERHEAD OUT TO OUT	TLT	TOILET
ARCH	ARCHITECT(URAL)	FRMG	FRAMING	OPNG	OPENING	TOC	TOP OF CURB TOP OF WALL
AHCH	ANGHITEGT(ONAL)	ESTN	FRAMING FASTEN(ED)	OPNG	OPPOSITE	TRTD	TOP OF WALL TREATED
BD	BOABD	FTG	FOOT NG	OFF	OFFOSILE	TYP	TYPICAL
BET	BETWEEN	FUB	FUBBING	PEMB	PRE- ENGINEERED METAL BLDG	110	THEORE
BLDG	BU LD NG			PL	PROPERTY LINE	UNO	UNLESS NOTED
BLKG	BLOCKING	GA	GAUGE/ GAGE	PLAM	PLASTIC LAM NATE	0110	OTHERWISE
BM	BENCHMARK, BEAM	GALV	GALVANIZED	PLAS	PLASTIC, PLASTER	LIR	URINAI
BOC	BOTTOM OF CURB	GL	GLASS	PLY	PLYWOOD		
BOW	BOTTOM OF WALL	GYP	GYPSUM	POB	PO NT-OF-BEGINNING	VB	VAPOR BARRIER,
BRG	BEARING			PR	PRESSURE		VINYL BASE
BTM	BOTTOM	HB	HOSE BIB		PREFABRICATED	VCT	VINYL COMPOSITION T LE
BUR	BULT UP ROOF	HC	HOLLOW CORE HEADER	PT	PONT	VERT	VERTICAL
		HDR		P.T.	PRESSURE TREATED		
CAB	CAB NET CATCH BASIN	HDW HM	HARDWARE HOLLOW METAL	PTD	PAINTED POLYVINYL CHLOBIDE	w	WIDE, WIDTH
CEM	CEMENT		HOLLOW METAL HORIZONTAL	PVC	POLYVINYL CHLOHIDE	W/	WITH
CEM	CEMENT	HURIZ	HIGH POINT			W/O WC	WITHOUT
CJ	CONTROL JOINT	HB	HOUR	в	RISER, RADIUS	WD	WATER CLOSET WOOD
CLG	CEIL NG	HGT	HEIGHT	RA	RETURN AIR	WDW	WINDOW
CLR	CLEAR(ANCE)	man		RAD	RADIUS	WH	WATER HEATER
CMP	CORRUGATED METAL P PE	ID	INSIDE DIAMETER	RAG	RETURN AIR GRILL	WB	WATER RESISTANT
CMU	CONCRETE MASONRY UNIT	INSUL	INSULATE(D)(NG)(ION)	BAB	RETURN AIR REGISTER	WWM	WELDED WIRE MESH
COL	COLUMN	INT	INTERIOR	RB	RUBBER BASE		
CONC	CONCRETE	INV	INVERT	RCP	REFLECTED CEILING PLAN	1	ANGLE
CONST	CONSTRUCTION	IPS	IRON PIPE SIZE	RD	ROOF DRAIN	~	ANGLE
CONT	CONTINUOUS/ CONTINUE			REF	REFRIGERATOR	@	AT
COORD	COORD NATE	JST	JOIST	REFL	REFLECTED		
CORR	CORRUGATED, CORRIDOR	JT	JOINT	REINF	REINFORCED RETA N NG	ç	CENTERLINE
CHS	COURSE(S) CERAMIC TILE			RH	ROUND HEAD	d	
	COUNTERSUNK	KIT	KITCHEN	RM	ROOM	φ	DIAMETER
DA DA	DOUBLE ACTING	1	LENGTH. LONG	RO	BOUGH OPENING	d	PENNY
DE	DRINKING FOUNTAIN	LAM	LAMINATE(D)		W RIGHT OF WAY	u	PENNIT
DIA	DIAMETER	LI	LIVELOAD	RS	BOUGH SAWN	P	PLATE
DIM	DIMENSION	LLH	LONG LEG HORIZONTAL	RVL	REVEAL	~	
DL	DEAD LOAD	LLV	LONG LEG VERTICAL	RWL	RAINWATER LEAD		
DN	DOWN	LP	LOW POINT				
DR	DOOR	LVR	LOUVER	S&R, R&			
DS	DOWN SPOUT			SA	SOUND ATTENUATION		
DTL	DETAIL	MACH	MACHINE, MACHINERY	SAFB	SOUND ATTENUATION FIRE B	ILANKET	
DWG	DISH WASHER DRAWING	MAS	MASONRY	SAG	SUPPLY AIR GRILL SUPPLY AIR REGISTER		
FF	EACH FACE	MATL	MATERIAL	SCH	SCHEDULE		
EIFS	EXTERIOR INSULATION & FINISH	MAX	MAXIMUM	SCWD	SOLID CORE WOOD DOOR		
2.0	SYSTEM	MB MC	MACHINE BOLT MEDICINE CAB NET	SDG	SIDING		
EJ	EXPANSION JOINT	MECH	MEDICINE CAB NET MECHANIC(AL)	SEC	SECURE		
ELEC	ELECTRIC(AL)	MECH	MANUFACTURER @	SECT	SECTION		
FLEV	ELEVATION, ELEVATOR	MH	MANHOLE	SHT	SHEET		
EOC	END OF CURB	MIN	MINIMUM	SIM	SIMILAR		
EQ	EQUAL	MISC	MISCELLANEOUS	SLNT	SEALANT		
EQUIP	EQU PMENT	MO	MASONRY OPEN NG	SPEC	SPEC FICATION(S)		
EW	EACH WAY	MT	METAL THRESHOLD	SS	STAINLESS STEEL		
EWC	ELECTRIC WATER COOLER	MTL	METAL	STD	STANDARD		
EXH	EXHAUST	MULL	MULLION	STB	STEEL TUBE		
EXIST	EXISTING			STL	STEEL		
EXP	EXPANSION, EXPOSED EXTERIOR			STRUCT			
EXI	EXTERIOR			SUSP	SUSPEND(ED)		
				auaP	SUSPENU(ED)		

ELECTRICAL NOTES:

ELECTRICAL NOTES: I. ELECTRICAL CONTRACTOR TO BE RESPONSIBLE FOR ANDERNG TO ALL APPLICABLE CODES AND SAFETY REQUIRENTS VERHY FINITINE SELECTION AND LOCATION WITH OWNER BUDGENERS VERHY FINITINE SELECTRICAL SUBCONTRACTOR TO WARK THE SUBARTANEED CODETOD OVERS, WARKER DRIVEN AND CODE TO VERP YTWAT THE DESIGN VIENT IS MARTANEED CODETOD OVERS, WARKER DRIVEN AND CODE TO AD REFRIGERATOR, FREEZER, DISHWASHER, DISPOAL AD REFRIGERATOR, FREEZER, DISHWASHER, DISPOAL CODETOD OVERS, WARKER DRIVEN AND CODE MALL CODETOD OVERS, WARKER DRIVEN AND CODE MALL CODETOD OVERS, WARKER DRIVEN AND CODE MALL CODETOD OVERS, WARKER DRIVEN AND CODENTED FOR MICROWARE ON HOOD VENT F FRALKTOREN LAVOUT REQUIRES. SWITCHS AND OUTLETS TO BE COORINATED WITH THE OWNER, AND COLOR MATCHED WITH NTEROR

TRIM. 6. ALL EXTERIOR-MOUNTED & ACCESSED OUTLETS TO BE WEATHER-RESISTANT & GFCI TYPE.

ALL EXTERIOR MOUNTED & ACCESSED OUTLETS TO BE WEATHER ADSEXTAT & GOT UNPERT WITH THE OWNER, ALL LOCATIONS OF PHONE OUTLETS, COMPUTER OUTLETS, AND BE LECTRONS OF OVER OUTLETS, ALL LOCATIONS OF PHONE OUTLETS, COMPARISON OF THE OUTLETS, BERNAR, CONTRACTOR TO VERINY WITH THE OWNER, THE LOCATIONS OF CABLE TO VUITES. BENERAL CONTRACTOR TO VERINY WITH THE OWNER, THE LOCATIONS OF CABLE TO VUITES. BENERAL CONTRACTOR TO VERINY WITH THE OWNER, THE INTURES AND LAMPS SELECTED. SLOBE TYPE DUBLETS AND ENDERSING ON WINDOWS TO THE MAN DALEN WITH EACH OTHER F THERE ARE MENDERS ON CONTRACTOR TO VERINY WITH THE L CEREFARC. CONTRACTOR TO VERINY WITH THE ALL LANDSCAPE AND EXTERTOR LIGHT TO CONTRACTOR TO VERINY WITH THE L CEREFARC. CONTRACTOR TO VERINY WITH THE L CEREFARC. CONTRACTOR TO VERINY WITH THE ALL LANDSCAPE AND EXTERTOR LIGHT TO CONTRACTOR TO VERINY WITH THE L CEREFARC. CONTRACTOR TO VERINY WITH THE ALL L CEREFARC. CONTRACTOR TO VERINY WITH THE ALL L CEREFARC. CONTRACTOR TO VERINY WITH THE ALL L CEREFARC.

LANGSCHEF AND EXTERIOR LIGHT NG CROLITE AND SWITCHES. WITCHES. SOLGENERAL CONTROLTER OF USERS IN THE THE CONNER WITCHER DISTERIOR REQUIRED SWITCHES. SOLGENERAL CONTROLTER OF WORTS HEET SPECIFIC REQUIRE LIGHT OF AN USERS SWITCHES. REQUIRE LIGHT OF AN USERS SWITCHES. FOR IS DES RED. REQUIRE LIGHT OF AN USERS SWITCHES. RECONTROLTES FOR AN USERS SWITCHES. RECONTROLTES FOR AN USERS SWITCHES. RECONTROLTES IN AN USER SWITCHES. RECONTROLTES IN AN USER SWITCHES. RECONTROLTES IN AN USERS SWITCHES. RECONTROLTES IN AN USER SWITCHES. RECONTROLTS IN AN USER SWITCHES. RECO

TUBSHOWEN, THEY WITH LOCAL CODE IS SETING YOUR DATE OF WART REQUIRE RELOCATION; PANEL BOX TO BE SIZED TO ACCOMMODATE ALL CALCULATE LOADS, AND PROVEE FOR A NUM OF EIGHT (8) SPARES. TO EECOATIVE LIGHT FRUTURES TO BE SELECTED BY THE OWNER, AND COOR ON ATED WITH THE GENERAL COMPARY AND TO SELECTED BY THE OWNER, AND COOR ON TED WITH THE GENERAL SUBSTITUTIONS

SUBSTITUTIONS. 18. GENERAL CONTRACTOR TO COORDINATE THE LAMP SELECTION (RECESSED CAN SIZE AND TR M) WITH THE OWNER. 19. NUMBER OF HVAC UNITS TO BE DETERMINED BY THE

NUMBER OF HVAC UNITS TO BE DETERMINED BY THE LOCAL MECHANICAL CONTRACTOR.
 HVAC UNITS ARE NOT TO BE WIREDLOCATED NEXT TO MASTER BEDROOM OR PATURATIONEX 21. LOCAL VENTLATION : A. PROVIDE OF CHI VENTLATION FAN (MINIMUM) FOR EACH BATHOR & LOWATORY.
 PROVIDE INCOM & LWATORY.

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M: MASONRY NOTES

1. STONE & MASONRY VENEER SHALL BE INSTALLED IN ACCORDANCE WITH IRC SECTION R703.7.

ACOREANCE WITH ROSSETION RP03.7: EBECKS 9. PROVIDE LIN CRAINLY SIZED UNITS COMPLYING: WITH ASTM COMPCONNENT ASTM CRAIN SIZED UNITS COMPLYING MORTAR COMPCONNENT ASTM CRAIN COMPCONNENT ASTM CRAIN COMPCONNENT ASTM CRAIN 1. BIOLECTRA SIZED ASTRONOMICS 1. BIOLECTRA SIZED ASTRONOMICS

PROVIDE 100 CFM VENTILATION FAN AT KITCHEN RANGE HOOD.
 ELECTRIC AND GAS METERS TO BE LOCATED AWAY FROM ANY PROMINENT VIEW. (VERIFY WITH LOCAL

E: ELEVATION NOTES

THE SERVICE THAT NOT ALL TREATED LUMBERS IS ANTED FOR GROUND ALL DEC/N WATERS USALL BEROOM OF SIGNATION OF BRING SHAND ALL DEC/N WATERS USALL BEROOM OF SIGNATION OF BRING SHAND ALL DEC/N WATERS USALL BEROOM OF SIGNATION OF SIGNATION AND ALL DEC/N WATERS IN SIGNATION OF SIGNATION OF SIGNATION AND ALL DEC/N WATERS AND ALL DEPENDANCELLAR OF DIE JOHTS DECKNIG COMPOSED OF FOREIGN LUMBERS, COMPOSITE, OR MODIOLIT MUS AND AND ALL DEVENDANT OF THE AND ALL DECKNIG COMPOSED OF FOREIGN LUMBERS, COMPOSITE, OR MODIOLIT MUS AND AND ALL DEVENDANT OF THE AND ALL ALL DEFORMATION OF SIGNATION, CHECK WITH VOIL ALCAL DEST OF APPROPEDED DECK WAS PRODUCTS. TERMED AND ARE TO THE DEST AND A SUMBARIALS, SEE: STA RS & RALLINGS, WITHIN FRAMMING NOTES.

ATTIC ACCESS HATCHES & DOORS MUST BE WEATHER STRIPPED & INSULATED TO THE SAME LEVEL AS THE SURROUNDING SURFACES. SEE AIR SEALING NOTES ON SHEET A04

ENERGY CODE

W: WOOD DECK NOTES

1. ALL CONSTRUCTION SHALL BE PER INTERNATIONAL RESIDENTIAL

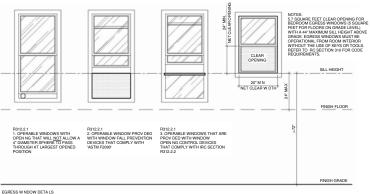
FLOOR INSULATION MUST BE INSTALLED TO MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF THE SUBFLOOR DECKING.

PROGRAMMABLE THERMOSTATS WITH DA LY SETBACK CAPABILITY REQUIRED WHERE PRIMARY HEAT NG SYSTEM IS FORCED A R WITH AN INITIAL SETTING NOT NICHER THAN 70° FAHRENHEIT FOR HEATING, AND NOT LOWER THAN 70° FAHRENHEIT FOR COOLING.

SUPPLY DUCTS IN ATTICS RETAIN B-8 INSULATION REQUIREMENT. REQUIREMENTS FOR ALL OTH N UNCONDITIONED SPACE REDUCED TO R-6. IER DUCTS

THE ENTIRE DUCT SYSTEM MUST BE SEALED.

IEC PRESCRIPTIVE REQUIREMENTS	ZONE 4
WINDOWS (U-FACTOR)	0.32
SKYLIGHTS (U-FACTOR)	0.55
GLAZED FENESTRATION SHGC	0.40
CEILING - OPEN ATTIC (R-VALUE)	49 / 38
CEILING - CATHEDRAL (R-VALUE)	38
WOOD FRAME WALL (R-VALUE)	20 / 13+5
MASS WALL (R-VALUE)	8/13
FLOOR (R-VALUE)	19
BASEMENT WALL (R-VALUE)	10 / 13
SLAB (R-VALUE)	10, 2 FT.
CRAWL SPACE WALL (R-VALUE)	10/13





main

2/4/2025

CONSTRUCTION Ж DUPLI AVE

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DRAWN BY: MB

CONSTRUCTION NOTES





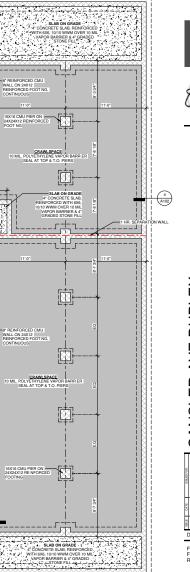
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CONSTRUCTION ЩX NEW RESIDENTIAL C 210 Cansler Ave, Knoxville, Tennessee DUPLI AVEI CANSLER





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22'-0" _____

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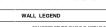
3 FOUNDATION PLAN A101 1/4" = 1'-0"

1.20

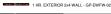
FOUNDATION NOTES



- 2. IF CRAWL SPACE WALL IS OVER 10'-0" HIGH, 8"X12" CMU TO BE UTILIZED.
- APPROXIMATE SITE LOCATION AND TOPOGRAPHY SHOWN. GENERAL CONTRACTOR TO WORK WITH CONL AND STRUCTURAL TEAM TO CLARPE HOME LOCATION AND RETAINING RECURRENETS ON THE PROPOSED SITE BASED ON LOCATION WITHIN STERACK RECURRENETS AND ANY CITY, CODE, OR SEPTIC REQUIREMENTS PRIOR TO SUBMISSION.
- FOUNDATION IS LAID OUT FOR A SITE WITH NO MORE THAN 10% SLOPE. IF THE SLOPE IS GREATER THAN 10%, CONFER WITH A STRUCTURAL ENGINEER.
- 5. PROV DE 10 MIL POLY VAPOR BARRIER
- PROV DE FOUNDATION VENTS PER IRC R408.1 (THE MIN MUM NET AREA OF VENTILATION OPENINGS SHALL BE NOT LESS THAN 1 SQUARE FOOT FOR EACH 1.500 SQUARE FEET OF UNDER-FLOOR SPACE AREA. ONE SUCH VENTILATION OPENING SHALL BE WITHIN 3 FEET OF EACH CORNER OF THE BUILD NG.)
- 7. STEP FOUNDATION AS REQUIRED FOR SITE 8. F ELD LOCATE A MIN OF 18" X 24" ACCESS DOOR.









S SLDNG

FLOOR PLAN NOTES: TYPICAL BLOCKING NOTE:

PROV DE WOOD BLOCKING IN THE WALLS AS REQUIRED TO SUPPORT & ATTACH ALL WALL HUNG ITEMS SUCH ASS. CARINETS, BRACKETS, HAND PALS, GRAB BARS, STC. THE BLOCKING & ITS ATTACHMENTS SHALL CARRY THE MAININUM WEIGHT, VERIFY WITH MANUFACTUREE.

TYPICAL WINDOW NOTE:

GLAZING IN AN INDIVIDUAL FIXED OR OPEFABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS SHALL BE CONSIDERED TO BE A HAZARDOUS LOCATION:

- LUCATINE: THE EXPOSED AREA OF AN NOV DUAL PARE IS LARGET TWN 9 SULARE FEEDS COOP THE CLAZING THE EXEST TWN 18 INCHES AROVE THE FLOOR THE TOP EDJAC OF THE CLAZING SUFFACE FLOOR WAS INCHES AROVE THE FLOOR CONTROL OF THE CLAZING SUFFACES ARE WITHING NUCLES AROVE THE FLOOR THE OR MORE WALKING SUFFACES ARE WITHING NUCLES AROVE THE FLOOR THE OR MORE WALKING SUFFACES ARE WITHING NUCLES AROVE THE FLOOR THE OR MORE WALKING SUFFACES THE OR THE CLAZING

- SEE R308.4.3 GLAZING N W NDOWS FOR EXCEPTIONS (E.G. DECORATIVE GLAZING)

PLAN NOTE:

CABINETRY AND FURNITURE IS SHOWN FOR PLANNING PURPOSES ONLY. CONTRACTOR TO COORDINATE WITH OWNER.

ALL EXTERIOR DOORS TO BE INSULATED, AND HAVE WEATHER STR PPING (AND APPROPRIATE THRESHOLD)

TYPICAL DECKS, PATIOS & PORCHES:

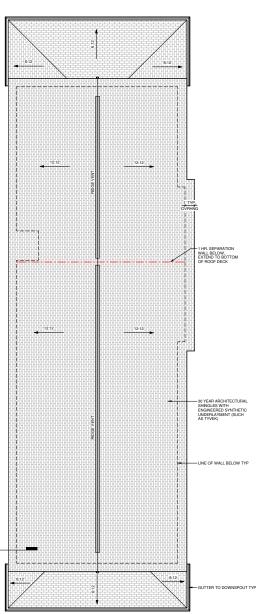
3 A102

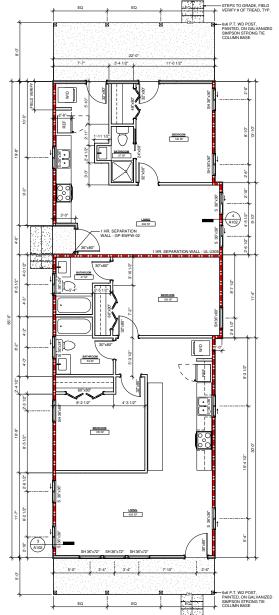
2 ROOF PLAN A101 1/4" = 1'-0"

DECKS, PATIOS & PORCHES TO BE 112° BELOW ADJACENT FINISHED FLOOR, PROVIDE FLASHING AT ALL FLOOR TRANSITIONS AT DECK, PATIOS, & PORCHES

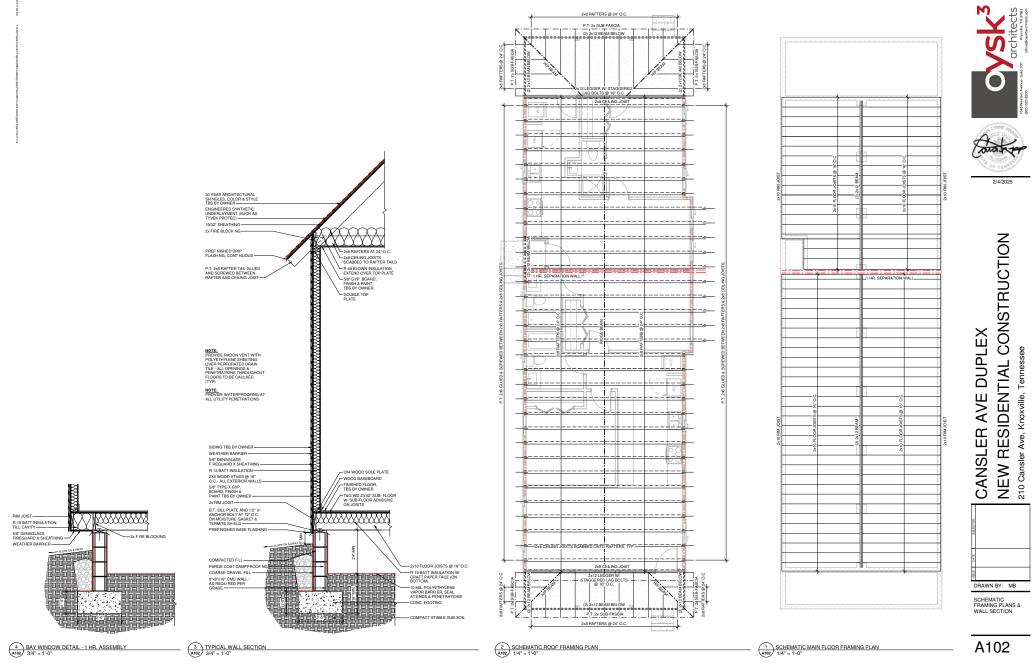


IMPERVIOUS SURFACES TO BE SLOPED AWAY FROM STRUCTURE @ 1/8" PER FOOT



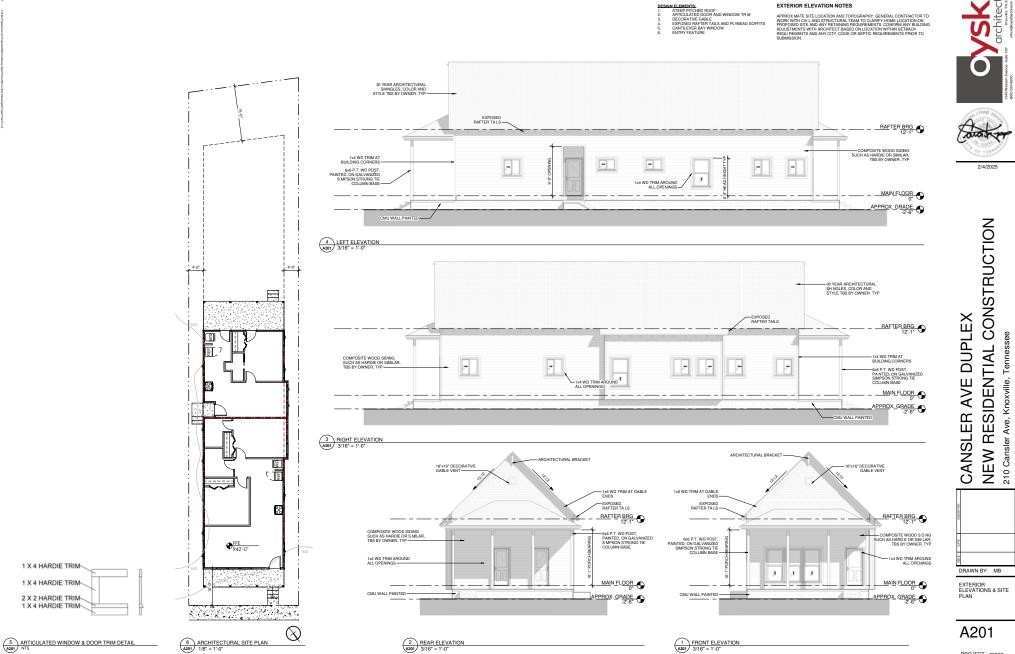


1 MAIN FLOOR PLAN A101 1/4" = 1'-0"



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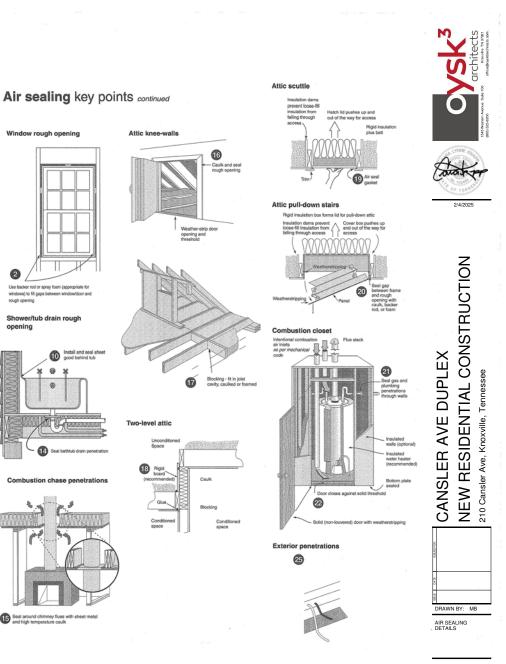


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architects KIRVIIO TN 37221

EXTERIOR ELEVATION NOTES



Appendix 6 Seal lights and bath vent fans to ceiling drywall 6 Fan vented through exterior wall sealed at penetration Air sealing key points 1. Plate and wall penetrations by plumbing and electrical 2. Tub/shower on outside or attic wall Window and door rough openings Airtight, IC-rated recessed lights and electrical fixtures Seal airtight IC-rated recessed light fotures to drywall exposed to attic Exterior wall exhaust fan terminations 4 5 Ceiling mounted bath fans, speakers, etc. 6 Bottom plate and top plate Seams between rigid exterior sheathing Band area between floors, conditioned space and attic 2 Insulate and install sheet material behind bathtub band area between hoors, conditioned space an Garden tub on exterior wall Mechanical equipment and ductwork chases in attics, crawlspaces Ceiling/crawlspace electrical boxes 10 1 13. Ceiling/crawlspace HVAC boots 14. Shower and tub drain line 15. Fireplace inserts 3 16. Attic kneewall doors 17. Joist cavities under attic kneewalls Transition between ceiling heights (e.g., 10' to 8') Attic scuttle hole 20. Attic pull-down stairs 21. Wall penetrations of mechanical combustion closets 22. Thresholds at mechanical combustion closet doors 1 23. Band joist exposed to exterior 24. Band area exposed to Seal gap between electrical box and drywall unconditioned space (such as basement or garage) 25. Exterior wall penetrations for refrigeration lines, Adhe caulk Floor jois condensate line, etc. 0 Wall cross-section Seal wiring and plumbing Attic Chases and common Giue drywall to top and bottom plates Seal and insulate by-passes inneed soffit 0 Soffit vent 77 Caulk bottom plate to subfcor 9 23 Caulk band joist to subficor and plate 12 Caulk electrical boxe and fixtures to drywall ß 8 7 Glue drywall to to Seal HV Tape or plate 7 caulk exterior sheathing 0 Seal bottom plate 1 Glue drywall to bottom plate, caulk seams Seal electrica penetrations ottom plate to subfloo

24

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Sill pasket or double-bead of caulk

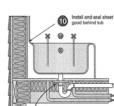
Seal plumbing

penetrations

13 Seal HVAC

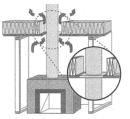
Window rough opening 2 Use backer rod or spray foam (appropriate for windows) to fill gaps between window/door and rough opening

Shower/tub drain rough opening



14 Seal bathtub drain penetrati

Combustion chase penetrations



5 Seal around chimney flues with sheet metal and high temperature caulk

A304

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