

SPECIAL USE REPORT

► FILE #: 9-C-20-SU AGENDA ITEM #: 35

POSTPONEMENT(S): 9/10/2020 **AGENDA DATE: 10/8/2020**

► APPLICANT: STEVEN W. ABBOTT, JR.

OWNER(S): SAPOLA GP

TAX ID NUMBER: 109 D L 006 <u>View map on KGIS</u>

JURISDICTION: City Council District 1
STREET ADDRESS: 2317 Peachtree St.

► LOCATION: North side of Peachtree St., east of Fisher Pl.

► APPX. SIZE OF TRACT: 11037 square feet

SECTOR PLAN: South City

GROWTH POLICY PLAN: N/A

ACCESSIBILITY: Peachtree Street is a local road with an 18-ft pavement width inside a 28-ft

right-of-way.

UTILITIES: Water Source: Knoxville Utilities Board

Sewer Source: Knoxville Utilities Board

WATERSHED: Baker Creek

ZONING: RN-2 (Single-Family Residential Neighborhood)

► EXISTING LAND USE: SFR (Single Family Residential)

► PROPOSED USE: Two-family dwelling (duplex)

n/a

HISTORY OF ZONING: None noted for this property

SURROUNDING LAND North: Single family residential (across the railroad right-of-way) - RN-1

USE AND ZONING: (Single Family Residential)

South: Single family residential - RN-2 (Single Family Residential)

East: Single family residential - RN-2 (Single Family Residential)

West: Single family residential - RN-2 (Single Family Residential)

NEIGHBORHOOD CONTEXT: Peachtree Street consists of small-lot single-family detached houses. Lots

along Peachtree Street range in area from 0.17 to 0.73 acres (7,400 to 31,800 square feet). Both RN-1 and RN-2 zoning are prevalent in the area.

STAFF RECOMMENDATION:

► APPROVE the request for a two-family dwelling on the proposed lot, subject to 3 conditions.

1. Meeting all applicable requirements of the City of Knoxville Zoning Ordinance.

2. Meeting all applicable requirements of the City of Knoxville Department of Engineering.

3. Meeting the Principal Use Standards for two-family dwellings [Article 9, Section 9.3.(J)] of the City of Knoxville Zoning Ordinance.

AGENDA ITEM #: 35 FILE #: 9-C-20-SU 10/1/2020 03:21 PM MICHELLE PORTIER PAGE #: 35-1

With the conditions noted, this plan meets the requirements for approval in the RN-2 District, and the other criteria for approval of a special use.

COMMENTS:

The applicant is proposing a two-family (duplex) dwelling on a newly vacant lot in the Peachtree neighborhood, an established neighborhood containing existing single-family houses. The lot has an area of 11,037 square feet

The driveway off of Peachtree Street provides access to both units and is a combination of asphalt on the main driveway and washed smooth stone leading off the main driveway into the individual garages. The maximum amount of impervious surface allowed on a lot in the RN-2 District is 40%. The duplex structure and the asphalt drive comprise 3,984 square feet of impervious surface, which is 36% of the site. The portion of the driveway consisting of washed stone keeps the impervious surfaces compliant with the requirement, as it would have exceeded the impervious area otherwise.

The structure meets the criteria for a special use approval for a duplex structure as found in Article 9, Section 9.3 (J). The structure would be one-story with each dwelling unit oriented back-to-back so that one entrance faces the street and the other faces the rear of the property. Both "front" facades feature a covered porch beneath a front gable roof upheld by three columns. The windows on the front façade comprise over 15% of the façade, which is the transparency standard for a duplex as a use on review. The garage comprises 30% of the structure's width and is located at least 5 feet from the front wall of the primary structure.

EFFECT OF THE PROPOSAL ON THE SUBJECT PROPERTY, SURROUNDING PROPERTY AND THE COMMUNITY AS A WHOLE

- 1. The proposal will have little impact on schools.
- 2. All utilities are in place to serve this site.
- 3. The configuration of the dwellings mimics the pattern of single-family housing along the street since the front of the structure looks like a single-family home. Proposed materials are used elsewhere on the street and are therefore in-character with the neighborhood. The width of the proposed structure is compatible with the other structures on its block; however, it is deeper than most houses. The house is set back farther from the right-of-way than the adjacent structures but is similar to other houses on the blockface. The front setbacks of existing structures range from approximately 30 to 50 feet.

CONFORMITY OF THE PROPOSAL TO CRITERIA ESTABLISHED BY THE CITY OF KNOXVILLE ZONING ORDINANCE

- 1. The proposed two-family dwelling is consistent with the standards for special uses in general:
- The proposed development is consistent with the adopted plans and policies of the General Plan and One Year Plan.
 - The use is in harmony with the general purpose and intent of the Zoning Ordinance.
 - The use is compatible with the character of the neighborhood where it is proposed.
 - The use will not significantly injure the value of adjacent property.
 - The use will not draw additional traffic through residential areas.
- 2. The proposal meets the criteria for a duplex as a special use:
- On lots less than one acre in lot area, a dwelling must have a primary entrance from a façade facing the street. The front entry must be a dominant feature on the front elevation of a home and an integral part of the structure, using features such as porches, raised steps and stoops, and/or roof overhangs.
- Windows, entrances, porches, or other architectural features are required on all street-facing facades to avoid the appearance of blank walls.
- A 15% minimum transparency requirement applies to all street-facing façades and is calculated on the basis of the entire area of the façade.
- Front-loaded attached garages are limited to 60% of the width of the front building façade line or 24 feet, whichever is greater. Garage width is measured as the width of a garage door; in the case of garages designed with multiple garage doors, the distance is measured between the edge of the outmost doors.
- Front-loaded attached garages must be set back a minimum of five feet from the front building façade line. This building façade line does not include architectural features, such as bay windows or porches.
- 3. The proposal meets all relevant requirements of the RN-2 zoning district including dimensional standards and uses.

CONFORMITY OF THE PROPOSAL TO ADOPTED PLANS

AGENDA ITEM #: 35 FILE #: 9-C-20-SU 10/1/2020 03:21 PM MICHELLE PORTIER PAGE #: 35-2

1. The use conforms with the One Year Plan and the South City Sector Plan, which designates the land use classification for this property as LDR (Low Density Residential). LDR land class allows up to 6 du/ac within the City of Knoxville. Two-family structures are a special use in the RN-2 zone.

The Planning Commission's approval or denial of this request is final, unless the action is appealed to the Knoxville City Council. The date of the Knoxville City Council hearing will depend on when the appeal application is filed. Appellants have 15 days to appeal a Planning Commission decision in the City.

ESTIMATED TRAFFIC IMPACT: 28 (average daily vehicle trips)

Average Daily Vehicle Trips are computed using national average trip rates reported in the latest edition of "Trip Generation," published by the Institute of Transportation Engineers. Average Daily Vehicle Trips represent the total number of trips that a particular land use can be expected to generate during a 24-hour day (Monday through Friday), with a "trip" counted each time a vehicle enters or exits a proposed development.

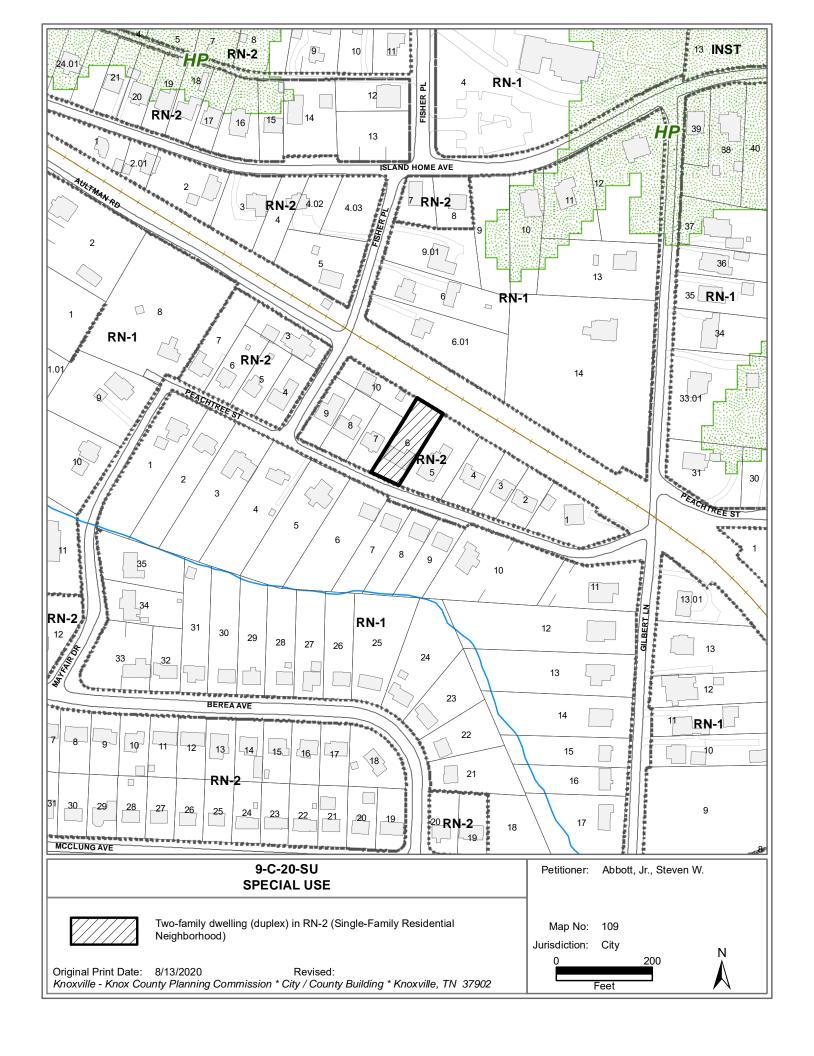
ESTIMATED STUDENT YIELD: 0 (public school children, grades K-12)

Schools affected by this proposal: Dogwood Elementary, South Doyle Middle, and South Doyle High.

- Potential new school population is estimated using locally-derived data on public school student yield generated by new housing.
- Students are assigned to schools based on current attendance zones as determined by Knox County Schools. Students may request transfers to different zones, and zone boundaries are subject to change.
- Estimates presume full build-out of the proposed development. Build-out is subject to market forces, and timing varies widely from proposal to proposal.
- Student yields from new development do not reflect a net addition of children in schools. Additions occur incrementally over the build-out period. New students may replace current population that ages through the system or moves from the attendance zone.

The Planning Commission's approval or denial of this request is final, unless the action is appealed to the Knoxville City Council. The date of the Knoxville City Council hearing will depend on when the appeal application is filed. Appellants have 15 days to appeal a Planning Commission decision in the City.

AGENDA ITEM #: 35 FILE #: 9-C-20-SU 10/1/2020 03:21 PM MICHELLE PORTIER PAGE #: 35-3





Request to Postpone • Table • Withdraw

Name of Applicant: Steven W. Abbot Jr

AS IT APPEARS ON THE CURRENT PLANNING COMMISSION AGENDA

Original File Number(s): 9-C-20-SU

Date Scheduled for Planning Review: 9/10/2020

Date Request Filed: 9/9/2020 Request Accepted by: Michelle Portier

REQUEST
☐ Postpone
Please postpone the above application(s) until:
October 8, 2020 DATE OF FUTURE PUBLIC MEETING
☐ Table
Please table the above application(s).
☐ Withdraw
Please withdraw the above application(s).
State reason for request:
Revisions required per City Engineering Dept.
Eligible for Fee Refund?
Amount:Approved by:
Date:
APPLICATION AUTHORIZATION
I hereby certify that I am the property owner, applicant, or
applicant's authorized representative.
Signature: Stow . St
0
PLEASE PRINT
Name: Steven W. Abbott Jr.
Address: 1109 E. Woodshire Dr
City: Knoxville State: TN Zip: 37922
Telephone: 865.671.1149
Fax:
E-mail: survmap@tds.net

PLEASE NOTE

Consistent with the guidelines set forth in Planning's *Administrative Rules and Procedures*:

POSTPONEMENTS

Any first time (new) Planning application is eligible for one automatic postponement. This request is for 30 days only and does not require Planning approval if received no later than 3:30 p.m. on the Friday prior to the Planning Commission meeting. All other postponement requests must be acted upon by Planning before they can be officially postponed to a future public meeting.

TABLINGS

Any item requested for tabling must be acted upon by the Planning Commission before it can be officially tabled.

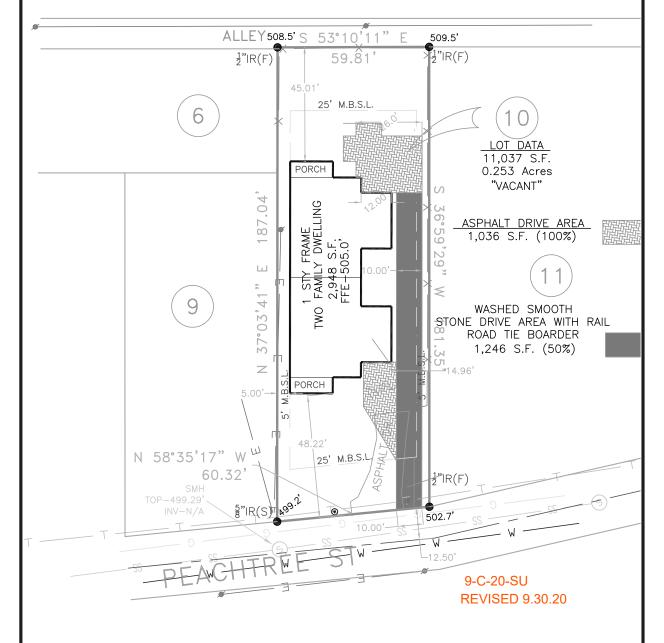
WITHDRAWALS

Any item is eligible for automatic withdrawal. A request for withdrawal must be received no later than 3:30p.m. on the Friday prior to the Planning Commission meeting. Withdrawal requests that do not meet these guidelines must be acted upon by Planning Commission before they can be officially withdrawn.

Any new item withdrawn may be eligible for a fee refund according to the following:

Application withdrawal with fee refund will be permitted only if a written request is received prior to public notice. This request must be approved by either the Executive Director, or the Planning Services Manager. Applications may be withdrawn after this time, but without fee refund.





DATE: 06/25/2020

SITE PLAN

DRAWING NUMBER 305620

CAPITAL LLC FOR LIBERTY

ADDRESS 2317 PEACHTREE ST DISTRICT 9th COUNTY KNOX LOT NO.10 PEACHTREE ADD. S/D WARD 26th CITY BLOCK 26452 DRAWN BY SWA MAP CAB. PB 14, PG 223 GROUP L PARCEL 006.00 TAX MAP 109-D WARRANTY DEED BK. 202007010000214 MORTGAGE CO.

SCALE 1" = 30' CITY KNOXVILLE STATE TN ZIP 37920

> ABBOTT LAND SURVEYING LLC STEVEN W. ABBOTT JR, RLS 1109 E. WOODSHIRE DRIVE KNOXVILLE, TN 37922 OFFICE: (865) 671-1149 EMAIL: survmap@tds.net



THIS IS TO CERTIFY THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR THE STATE OF TENNESSEE. THIS IS TO CERTIFY THAT ON THE DATE SHOWN, I MADE AN ACCURATE SURVEY OF THE PREMISES SHOWN HEREON USING THE LATEST RECORDED DEED AND OTHER INFORMATION FURNISHED TO ME, THAT THERE ARE NO EASEMENTS, ENCROACHMENTS OR PROJECTIONS EVIDENT OTHER THAN THOSE SHOWN. THE SURVEY WAS DONE UNDER THE AUTHORITY OF TCA 62-18-126: AND THE SURVEY IS NOT A GENERAL PROPERTY SURVEY AS DEFINED UNDER RULE 0820-3-07. THIS IS TO CERTIFY THAT I HAVE EXAMINED THE FEDERAL INSURANCE ADMINISTRATION FLOOD HAZARD MAP AND FOUND THE DESCRIBED NOT TO BE LOCATED IN A SPECIAL FLOOD HAZARD AREA.

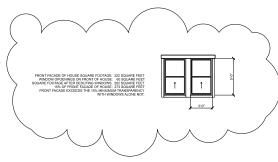
GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, REGULATIONS, AND FHANAMPS.
- BEFORE BEGINING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO NEW HOME PLANS AND DESIGN (ERIC LOHMAN) FOR JUSTIFICAT AND / OR CORRECTIONS BEFORE PROCEEDING WITH WORK. CONTRACTORS
- S. ALL DIMENSIONS SHOULD BE HEAD ON CALCULATED AND NEVER SCA 4. ALL FOOTING TO BE BELOW FROST LINE (SEE LOCAL CODE) AND MUS BEST ON INDISTURBED SOIL CARASE FOR HANDLING THE STRUCTUR
- CONSULT LOCAL ENGINEER FOR PROPER FOOTING AND REINFORCING SIZES.

 CONTRACTOR SHALL INSURE COMPATIBLITY OF THE BUILDING WITH ALL SITE REQUIREMENTS.
- 6. IF BACKFILL EXCEEDS 4 AGAINST MAY FOUNDATION WALL, REVIVONCE AS PER CODE 7. ALL FOUNDATION AND STRUCTURAL MIMBERS SHOULD BE VERFIELD AND STAMPED BY AN INGREER IN THE STATE WHERE CONSTRUCTION IS OCCURING DUIL TO A WIDE WRANKE IN LOCAL, CODES, SOO, BEARING CONDITIONS, FROST TIME DEPTH, GEOLOGICAL AND WEATHER CONDITIONS, ETC. THE CONTRACTOR IS RESPONSIBLE FOR AGUISTING AND VERFIENDS ALL STRUCTURAL DEFILES AND CONDITIONS TO MEET ALL LOCAL, CODES AND TO INSURE AGUALITY.
- ALL WOOD, CONCRETE AND STEEL STRUCTURAL MEMBERS SHALL BE OF A GOOD GRADE AND CUALITY AND MEET ALL MATINANIL STATE, AND LOCAL BUILDING CODES WHERE APPLICABLE.

 ALL COLLIMIS OR SOLD FRANTIS SHOULD BE DESIGNED TO CARRY LOADS AND SHOULD EXTEND DOWN THEIR THE FLEWES BELOW AND TERMINATE AT THE FOUNDATION OR AT OTHER DETERM DOWN THEM THE FLEWES BELOW AND TERMINATE AT THE FOUNDATION OR AT OTHER DETERMINATION.





ALLEY - FRONT ELEVATION



STREET - FRONT ELEVATION

File # 9-C-20-SU

DREAM HOME DESIGNS						
scale 1/4" = 11/0" UNO	APPROVED	DRAWN BY ERIC LOHMAN				
DATE JUNE 25, 2020		NO. OTHER PROPERTY NAMED IN CO.				
	V DUPLEX FOR POOVIN P REE STREET - KNOXVILLE					
FRONT / R	EAR ELEVATIONS	TN-2020-0010				

NUTICE: You are solvest to consult look busing regulations grow to construction ref to these plans and other documents related to the plans. It is the responsibility of the buyer, camer, analyze contractor to apply in the precipe authorities for code acceptant in all many depending all produced, and, from them being an event are the produced produced produced produced and are regulationally as well as change according to the boat building codes and site regulatments. The contractor shall seave and if reportability for all dimensions and conditions on this looks.

Copyoratific Laser. Reproduction of the illustration and variety destings of these home plans, which is land to in grant including any law mander preparation of charake works french; for any resson without price waitine premises in sixting probibled. The purchase of a sixt of home plans in new lay transfers any copyright or other coverage interest in its bits buyer except for a limited locense to use that set of home plans for the coveraction of one, and only one, developing int. The purchase of an additional six (s) if that from plan at a reduced price from this origins sixt or as part of an implicate six (s) of that from plan at a reduced price from this origins sixt or as part of an implicate sixt or as proceducible valent. And disease our military and consideration of an additional forms of the proceducible valent. And disease our military and consideration of the proceducible valent.

reproducible veillam, CAD dies or any multimodi.
Sinitally, the purchase of reproducible veillam carried the same copyright protection as monored above. It is generated attended to make up to a missame of 10 capes for the company of the company o

provisions for a pian usage within developments when previous arrangements have been made directly with Dream Home Design.

Whereas a purchaser of a reproducibles is granted license to make copies, it should be noted that its copyright material, making photocopies from bisagerint is illegal. Copyright and licensing of home plans for construction exist to protect all parties.

GENERAL NOTES

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE MATIONAL, STATE, AND LOCAL CODES REGULATIONS, AND FHAMM MPS. 2. CONTRACTORS SHALL VERBY ALL, CONDITIONS AND DIMENSIONAT SITE. PROPERTY ALL CONDITIONS AND DIMENSIONAT SITE. SHALL VERBY ALL CONDITIONS AND DIMENSIONAT SITE. SHALL VERBY AND DESIGN (FIRST CHAMMA) FOR JUSTICIATE AND 10R CORRECTIONS SEFORE PROJECTION WITH WORK. CONTRACTORS AND LAST AND A SERVICE STATE AND TO RECORDING THE AND TO RECORD TO THE ACT OF THE AC
- ALL FOOTING TO BE BELOW FROST LINE (SEE LOCAL CODE) AND MUR REST ON UNDISTURBED SOIL CAPABLE OF HANDLING THE STRUCTU
- CONTRACTOR SHALL RELIEF COMMITBLITY OF THE BILLIDES WITH ALL STIC REQUIREMENT.
 IF BACKFILL EXCELSES 44 CAMPATE MY FOLKDATION WALL, REPROSECTS APP RECODE.
 ALL FOUNDATION AND STRUCTURAL MEMBERS SHOULD BE VERYIED AND STAMPED BY AN ENGINEER IN THE STATE WHIRE LOCAL COURTS GUILT ON ANDEL WARNES IN COAL COOKS, SOR BEARING COMMITTIONS. RECET LINE DEPTH, DEFLOCAL, AND WHATHER COAL COOKS.
- ALL WOOD, CONCRETE AND STEEL STRUCTURAL MEMBERS SHALL BE OF A GOOD GRADE AND CUALITY AND MEET ALL MATONAL, STATE, AND LOCAL BUILDING CODES WHERE APPLICABLE.
 ALL COLUMNS OR SOLID FRAMING SHOULD BE DESIGNED TO CARRY LOADS AND SHOULD EXTEND DOWN THRU THE LEVELS BELOW AND TERMINATE AT THE FOUNDATION OR AT OTHER BEARING POINTS DESIGNED TO CARRY THE LOVID.



RIGHT ELEVATION

NOTICE: You are advised to consult local building regulations prior to construction relate to those plans and other documents related to this plan. It is the responsibility of the in all matters (selections) plans (plans plans p

Departing Laws: Reproduction of the literation and working deviating of these home plants which is whole on it pain literating sits permanent preparation of deviative works thereof, set of home plans in no way transfers any copyright or other coverable privaces in 8 to the set of home plans in no way transfers any copyright or other coverable privaces in 8 to the boyer except for a limited learness to use that end home plans for the coverable plants and the set of the plants and the set of home plans for the contraction as a reduced price from their original set or as part of a multiple set package does not convey to the deeper allowed to consider the consequence of the contraction convey to the deeper allowed to consequence of the contraction to the contraction of the contraction of the contraction to the contraction of the contraction of the contraction and the contraction of the contraction of the contraction to the contraction of the contraction of the contraction and the contraction of the contraction of the contraction and the contraction of the contraction of the contraction and the contraction of the contraction of the contraction and the contraction of the contraction of the contraction and the contraction of the contraction of the contraction and the contraction of the contraction of the contraction and the contraction of the contraction of the contraction of the contraction and the contraction of the co

reproducible vellam, CAO drakes or any multimedia. Sienilan's, the purchasi of ingroducible valent carries the same copyright protection as membraned above. It is generally ablowed to make the an emission of copies for the copyright increase, inframement, it is necessary to contact the part of copies of the copyright increase, inframement, it is necessary to contact the part endough or for receive a reliable and as illomate for any exclanded usage. Desem from Design will make appeal provident for a plant usage within developments when previous arrangements have been considered to the contract of the contract

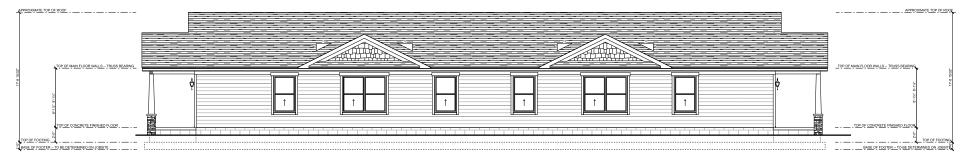
Whereas a purchaser of a reproducibles is granted license to make copies, it should be noted that as copyright material, material protocopies from blueprish is Highli Copyright and licensing of home plans for construction code for protocal at parties. It reproduces that could be mishedular planning of the original parties and support Copyright and support this mishedular property of the original particulation of design Copyright for the control of the parties of the parties of the parties of the control could could control the control of the control of the parties of the parties of the control of the parties of the parties

DRE/	AM HOME DESI	<u>GNS</u>
scale 1/4" = 11:0" UNO	APROVED	TRAIN BY ERIC LOHMAN
DATE JUNE 25, 2020		*0/030LY 25, 2020
	V DUPLEX FOR POOVIN P REE STREET - KNOXVILLI	

GENERAL NOTES

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDINACE WITH ALL APPLICABLE MATCHAL STREE, AND LOCAL CODES, REGULATIONS, AND FHANK MRS.

 2. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSION AT SITE OF A CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSION AT SITE OF A CONTRACTOR SHALL VERIFY AND A CONTRACTOR SHALL ASSUME AND FESTION, REPORT COMMANDED FOR USE OF A CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED.
- ALL FOOTING TO BE BELOW FROST LINE (SEE LOCAL CODE) AND MUR REST ON UNDISTURBED SOIL CAPABLE OF HANDLING THE STRUCTU
- CONTRACTOR SHALL RISURE COMMATIBLITY OF THE BILLION WITH ALL SITE RECURREMENT.
 If BACKFLE EXCEEDS A AGAINST ANY FOLKINGTON WAIL, REPROFEED, SPIE CODE
 ALL FOLKISHON AND STRUCTURAL MEMBERS SHOULD BE VERFIED AND STAMPED BY AN EMPORTURE IN THE STATE WHISTE CONSTRUCTION SO COURING DUE TO A WIDE WARNER IN LOCAL CODES, SQL BEARING CONDITIONS, PROST UNE DEPTH GETU, GOCAL NOW WHATHER CONDITIONS ETT. THE CONTRACTOR IS RESPONDED FOR ADDITIONAL AND WITHOUT STATE OF THE CONTRACTOR IS RESPONDED FOR ADDITIONAL AND WITHOUT STATE OF THE CONTRACTOR STATE OF THE STATE OF THE CONTRACTOR STATE OF THE CONT
- ALL WOOD, CONCRETE AND STEEL STRUCTURAL MEMBERS SHALL BE OF A GOOD GRADE AND CUALITY AND MEET ALL MATONAL, STATE, AND LOCAL BUILDING CODES WHERE APPLICABLE.
 ALL COLUMNS OR SOLID FRAMING SHOULD BE DESIGNED TO CARRY LOADS AND SHOULD EXTEND DOWN THRU THE LEVELS BELOW AND TERMINATE AT THE FOUNDATION OR AT OTHER BEARING POINTS DESIGNED TO CARRY THE LOVID.



LEFT ELEVATION

NOTICE: You are advised to consult local building regulations prior to construction relate to these plans and other documents related to this plan. It is the responsibility of the buyer, center, enabler contractor to apply to the proper authorities for code acceptance. Exist Lomens with the contractor to apply to the proper authorities for code acceptance. Exist Lomens within cells are represented to the contractor to the contractor and the contractor and the contractor and contractor and contractor and contractor and contract and contractor and contracto

Copyringful Liver. Reproduction of the flustration and working derivings of these home plans, which is shade or in pain, flushing any plan market preparation of drawlaw works through the pain of the plans of the

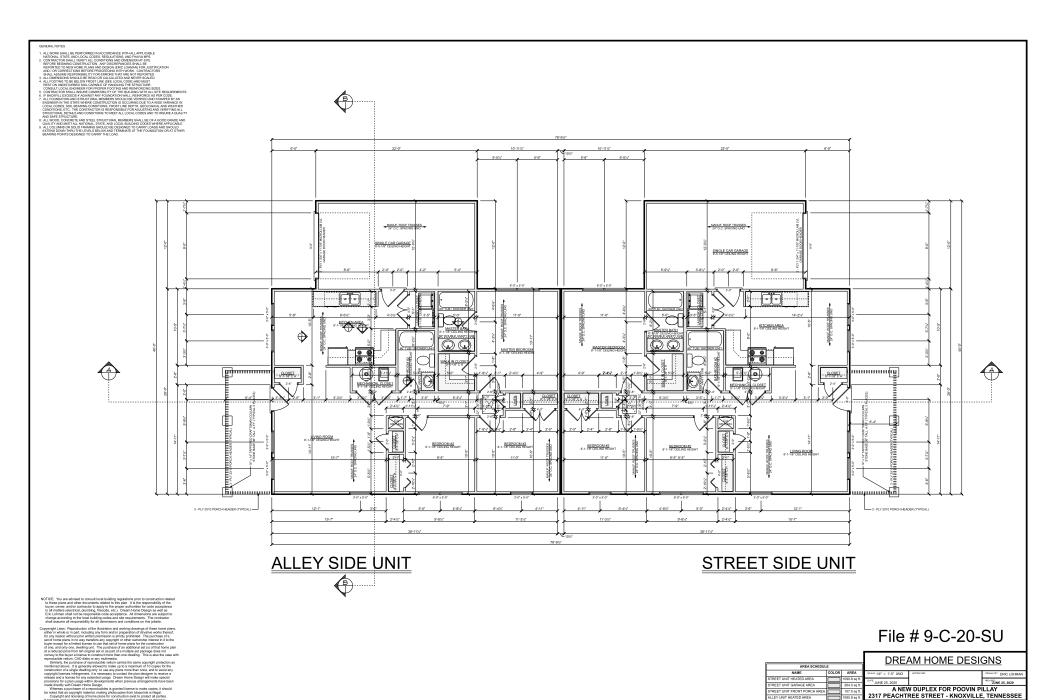
executable within, CAD disks or any multimodu.

Similarly, the primate of reproducible within carries the same copyright protection as emissionable object. It is greated above. It is generally slowed to make up to a maximum of 10 copies for the company of the c

Whereas a purchaser of a reproducibles is granted license to make copies, it should be noted that as copyright material, making photocopies from basperinis is litingui.

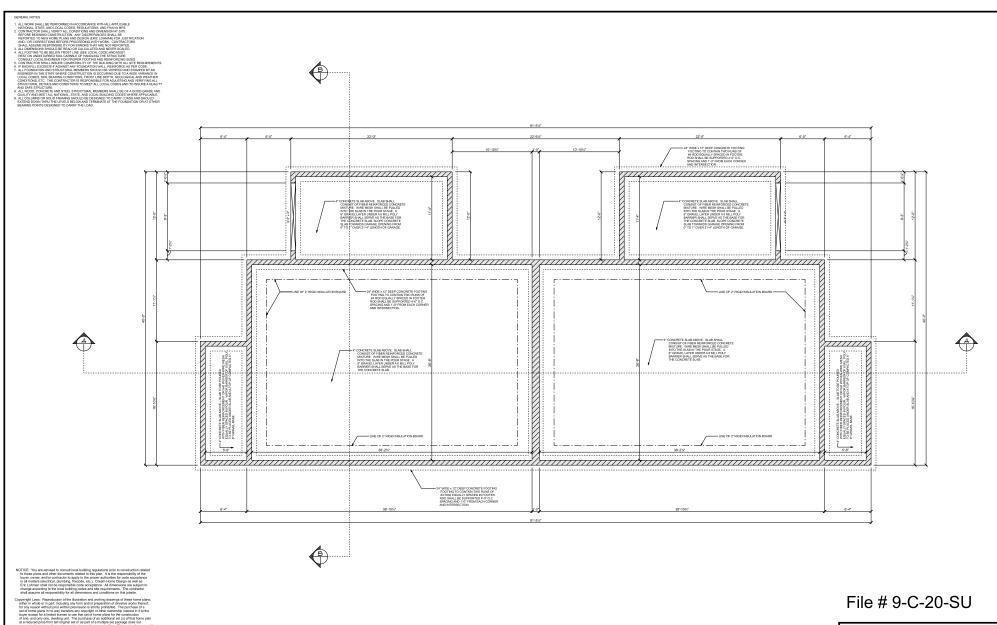
Copyright and licensing of home plans for construction costs to protect all parties. It respects and support his mitheletical property of the original excitact or designar. Operating the material control of the parties of the parties of the parties. Within Intergenent could cause

DRE/	AM HOME DESI	<u>GNS</u>
scale 1/4" = 1'-0" UNO	APPROVED	DRAWN BY ERIC LOHMAN
JUNE 25, 2020		SE/SELY 25, 2020
	V DUPLEX FOR POOVIN P REE STREET - KNOXVILLE	
LEF	T ELEVATION	TN-2020-0010



ALLEY UNIT GARAGE AREA

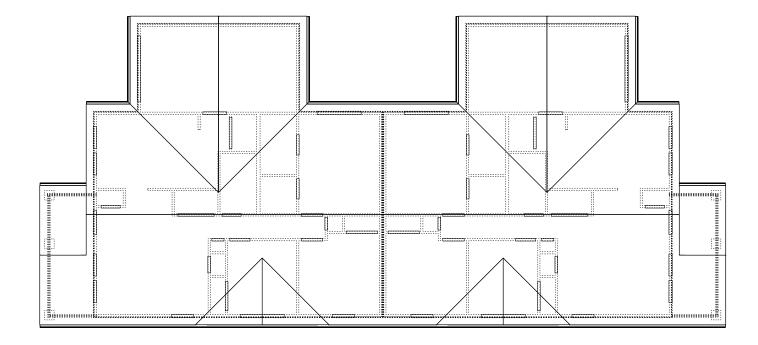
MAIN FLOOR PLAN



ı	DREAM HOME DESIGNS					
ı	ECHLE 1/4" = 1"-0" UNO	APPROVED	TRAIN BY ERIC LOHMAN			
ı	DATE JUNE 25, 2020		NOVEMBER 25 2020			
ı	A NEV	V DUPLEX FOR POOVIN P REE STREET - KNOXVILLE	LLAY , TENNESSEE			

- CREERA, MOTES

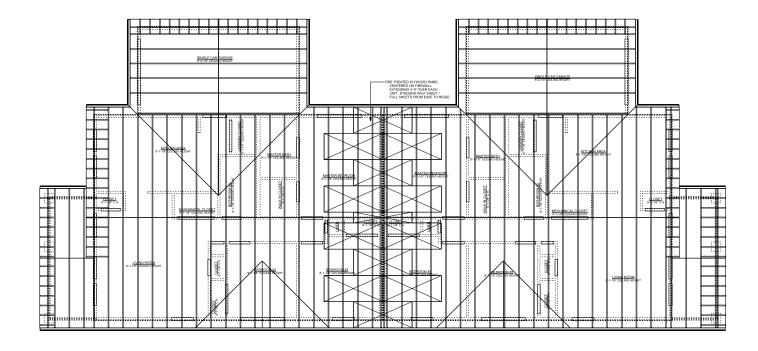
 1.4. LWORD RUM, ER PERFORMED IN ACCORDANCE WITH ALL APPLICABLE
 MICHORAL STREE, AND LOCAL CODES, RECULATIONS, AND PRIMA WITH
 ENTER AND LOCAL CODES, RECULATIONS, AND PRIMA WITH
 ENTER AND LOCAL CODES RECULATIONS, AND PRIMA WITH
 ENTER AND LOCAL CODES RECULATIONS, AND RECULATIONS, AND LOCAL RECULATIONS
 AND LOCAL CORRECTIONS RECORD RECULATION WITH WORK. CONTINUOUS
 AND LOCAL CORRECTIONS RECULATION AND LOCAL CONTINUOUS
 AND LOCAL CORRECTIONS RECULATION AND LOCAL CONTINUOUS
 ALL COMMISSION ENTER AND LOCAL RECORD AND MAN INTERPRIMATED
 ALL COMMISSION AND LIKE RECORD COLOR AND DESTREMENT AND LOCAL COMMISSION AND LOCAL COMMISSION
 ALL COMMISSION AND LIKE RECORD COLOR AND DESTREMENT AND LOCAL COMMISSION AND LIKE RECORD AND LIKE RECORD COLOR AND DESTREMENT AND LIKE AND LIKE RECORD AND LIKE RECORD COMMISSION AND LIKE RECORD COLOR AND DESTREMENT AND LIKE AND LIKE AND LIKE RECORD COMMISSION AND LIKE AND L



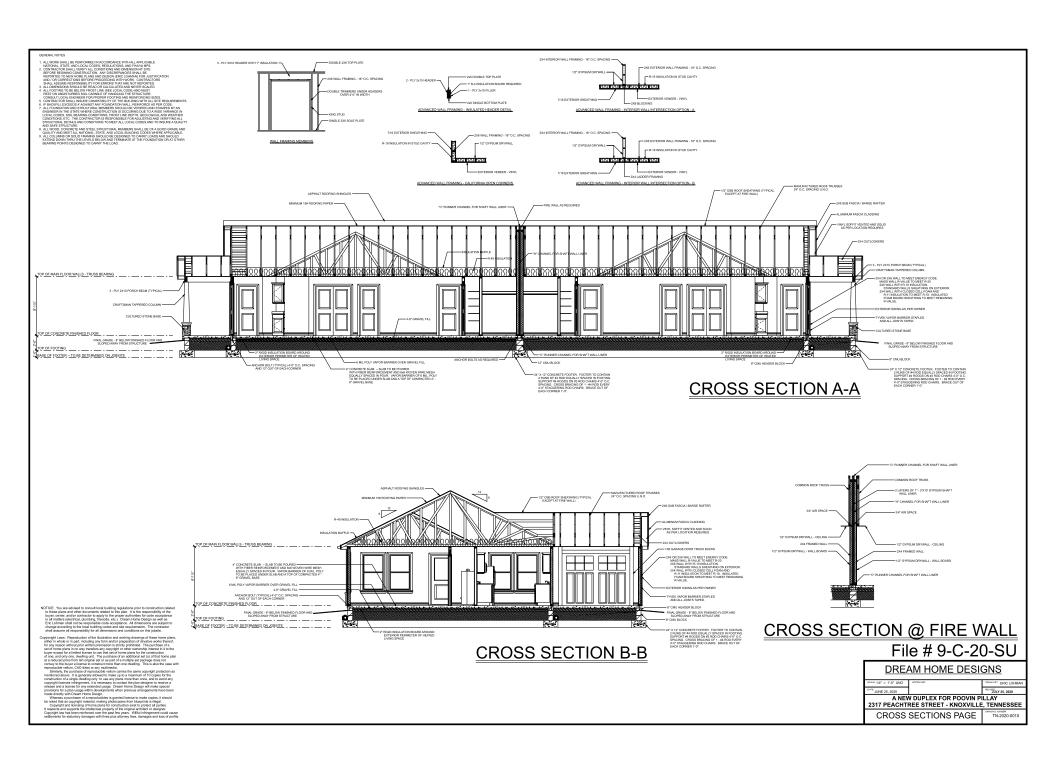
DRE/	AM HOME DESI	<u>GNS</u>
scale 1/4" = 11:0" UNO	APRO/ID	TRAIN BY ERIC LOHMAN
DATE JUNE 25, 2020		SE/STUNE 25, 2020
	V DUPLEX FOR POOVIN P REE STREET - KNOXVILLE	

- CREERA, MOTES

 1.4. LWORD RUM, ER PERFORMED IN ACCORDANCE WITH ALL APPLICABLE
 MICHORAL STREE, AND LOCAL CODES, RECULATIONS, AND PRIMA WITH
 ENTER AND LOCAL CODES, RECULATIONS, AND PRIMA WITH
 ENTER AND LOCAL CODES RECULATIONS, AND PRIMA WITH
 ENTER AND LOCAL CODES RECULATIONS, AND RECULATIONS, AND LOCAL RECULATIONS
 AND LOCAL CORRECTIONS RECORD RECULATION WITH WORK. CONTINUOUS
 AND LOCAL CORRECTIONS RECULATION AND LOCAL CONTINUOUS
 AND LOCAL CORRECTIONS RECULATION AND LOCAL CONTINUOUS
 ALL COMMISSION ENTER AND LOCAL RECORD AND MAN INTERPRIMATED
 ALL COMMISSION AND LIKE RECORD COLOR AND DESTREMENT AND LOCAL COMMISSION AND LOCAL COMMISSION
 ALL COMMISSION AND LIKE RECORD COLOR AND DESTREMENT AND LOCAL COMMISSION AND LIKE RECORD AND LIKE RECORD COLOR AND DESTREMENT AND LIKE AND LIKE RECORD AND LIKE RECORD COMMISSION AND LIKE RECORD COLOR AND DESTREMENT AND LIKE AND LIKE AND LIKE RECORD COMMISSION AND LIKE AND L



DREAM HOME DESIGNS					
scale 1/4" = 1"-0" UNO	APPROVED	TRAIN BY ERIC LOHMAN			
DATE JUNE 25, 2020		JUNE 25, 2020			
A NEW DUPLEX FOR POOVIN PILLAY 2317 PEACHTREE STREET - KNOXVILLE, TENNESSEE					
ROOF	FRAMING PLAN	TN-2020-0010			



STREET SIDE UNIT - INTERIOR ELEVATION 1 STREET SIDE UNIT - INTERIOR ELEVATION 3 STREET SIDE UNIT - INTERIOR ELEVATION 2 STREET SIDE UNIT - INTERIOR ELEVATION 5 STREET SIDE UNIT - INTERIOR ELEVATION 4 ALLEY SIDE UNIT - INTERIOR ELEVATION 3 ALLEY SIDE UNIT - INTERIOR ELEVATION 2 ALLEY SIDE UNIT - INTERIOR ELEVATION 1 ALLEY SIDE UNIT - INTERIOR ELEVATION 5 **ALLEY SIDE UNIT - INTERIOR ELEVATION 4**

NOTICE: You are advised to consult local building regulations prior to construction relate to these plane and other document issulted to the spine, in it is the responsibility of the buyer, event, another controller to apply to the proper authorities for code acceptance in all matters (electrical, plumbing, freedule, etc.). Deman Horne Design is well as Ent Lohman shall not be responsible code acceptance. All dimensions are subject to change according to the local building codes and set requirements. The contractor

Copywright Laws: Reproduction of the lateration and working blanking of these house place, for any reason without prior written premission is safely prohibited. The purchase of a set of home pain or in way thereise are proprieted or new coverebra inverse in it in the set of home pain or in way thereise are proprieted or new coverebra inverse in it in the of one, and only one, deselfing unit. The purchase of an additional set (s) of the home plant or coverebra in the covere

reproducible vallam, CAD dals or any multimoda. Similarly, the purchase of reproducible vallam carries the some cognizint protection as Similarly, the purchase of reproducible vallam carries the some cognizint producing and construction of a single dwelling only to use any plans more than once, and to avoid any copyright locates an infragment, it is necessary to contact the plant designer for receive a release and a locens for any extended usage. Desern Home Design will make special provisions for any lant usage attrib calciferation when provisions arrangements have been provisions for any lant usage attributed/comercial when provisions arrangements have been the provision of the provision and the provision arrangements have been considered to a provision of the provision arrangements have been considered to the provision of the provision arrangements have been considered to the provision of the provision of the provision arrangements have been considered to the provision of the provision of the provision arrangements have been considered to the provision of the provision of the provision of the provision arrangements have been considered to the provision of the p

made directly with Dress I Home Design.

Whereas a purchase of a reproductibles is granted license to make copies, it should be noted that as copyright material, making photocopies from blauginit is litegal. Copyright and licensing of home plans for construction exist to protein dia parties. It respects and supports the intellectual property of the original architect or designer. Convincible laws beam enrightforced over the naisfife years. Withiu liferonement could cause

DREA	AM HOME DESI	<u>GNS</u>			
60-4.E 1/4" = 1"-0" UNO	APPROVED.	DRAIN BY ERIC LOHMAN			
DATE JUNE 25, 2020		JULY 25, 2020			
A NEW DUPLEX FOR POOVIN PILLAY 2317 PEACHTREE STREET - KNOXVILLE, TENNESSEE					
INTERIO	OR ELEVATIONS	TN-2020-0010			

2018 International Residential Code® Construction Specifications and Methodologies

IMPORTANT NOTE: THESE NOTES AND SPECIFICATIONS ARE PROVIDED BY HOUSE PLAN RESOURCE AS A SERVICE TO THEIR CUSTOMERS TO PROVIDE THE MOST POPULAR CODE TOPICS. THE INFORMATION AND METHODOLOGIES PREPARED HEREIN ARE IN ACCORDANCE TO AND REFERENCED TO THE 2019 INTERNATIONAL RESIDENTIAL CODES. THE INFORMATION IS ALSO A GENERAL SUMMARIZATION OF THE CODE AND IT IS RECOMMENDED THAT YOU SECOME FAMILIAR WITH THE FULL EXTENT OF THE ACTUAL CODE. THE NOTES AND SPECIFICATIONS MAY HAVE TO BE ALREADED DUE TO VARIATIONS IN LOCAL, CODES AND GOOD CODE. AND OTHER CODES AND OFFICE ACTUAL CODES AND OTHER COD CONSULT A LOCAL ARCHITECT OR ENGINEER OF YOUR CHOICE AND CHECK WITH LOCAL BUILDING OFFICIALS PRIOR TO THE START OF ACTUAL CONSTRUCTION SPECIAL ENGINEERING MAY REQUIRE THAT THESE SPECIFICATIONS BE CHANGED OR AMENDED TO COMPLY WITH SEISMIC, WIND, OR OTHER SPECIAL CONDITIONS AS REQUIRED BY LOCAL CONSTRUCTION METHODOLOGIES AND LOCAL CODES

(IMPORTANT DISCLAIMER

MPORTRANT DISCLAMER

THE BILLIOGES INFORMATION IN INTERDED TO ASSIST AND INFORM YOU THROUGH THE CONSTRUCTION OF YOUR HOUSE YOUR CONSTRUCTION CANADAMIC RESIDENCE TO CONSTRUCTION CANADAMIC RESIDENCE TO CONSTRUCTION CANADAMIC RESIDENCE TO CHECK THE CONSTRUCTION FLANDAMIC RESIDENCE TO CHECK THE CONSTRUCTION FLANDAMIC AND THE INSTRUCTION CHECK THE CONSTRUCTION FLANDAMIC AND THE INSTRUCTION CHECK THE CONSTRUCTION FLANDAMIC TO SERVICE AND THE CONSTRUCTION CHECK THE CONSTRUCTION FLANDAMIC THE CONSTRUCTION FLANDAMIC THROUGH THROUGH THROUGH THROUGH THROUGH THROUGH THROUGH THROUGH THE CONSTRUCTION FLANDAMIC THROUGH THE CONSTRUCTION FLANDAMIC THROUGH THRO

GREAT CARE AND EFFORT GOES INTO THE CREATION OF THE DESIGN AND ENGINEERING OF YOUR CONSTRUCTION FLANS. HOWEVER, BECAUSE OF THE IMPOSSIBLITY OF PROVIDING ANY PERSONAL AND/OR "ON SITE" CONSULTATION, SUPERVISION AND CONTROL OF THE ACTUAL CONSTRUCTION, AND SECANSE OF THE GREAT ARRIVED IN LOCK SINUSPIN COOR REQUIREMENT. HOUSE FLAN RESOURCE NOR THE AGENTS OR EMPLOYEE. ASSUMES NO RESPONSIBILITY FOR ANY DAMAGES INCLUDING BUILDING BUILDING BUILDING BUILDING BUILDING BUILDING BURNORS, ANY DEPICIENCIES, CANSSIONS, OR ERRORS, IN THE DESIGN, IN ANY CASE, ANY OR DAMAGES IN THE DIMENSIONS, AND CIRCUMSTANCES. THE MAXIMUM FINANCIAL LIABILITY TO HOUSE PLAN RESOURCE CAN NOT EXCEED THE TOTAL PLAN PURCHASE

PROFESSIONAL SEAL

THOUGH EYERY EFFORT WAS MADE TO MAKE THE CONSTRUCT DOCUMENTS FOLLOW THE LRIC. NATIONAL CODE METHODOLO A FEW STATES AND CITIES HAVE PASSED BILANS REGARDING IN THE WAY OF THE WAY FROM THE PASSED SHAUPS RESARCING CONTRIBUTION FALSES THAT WAS A THE PASSED SHAUPS THE TO YOU GOOD. A MANAGEMENT AND USED FOR THE CONSTRUCTION OF A 10° OF HOME MANAGEMENT AND USED FOR THE PASSED OF THE PAS

COPYRIGHTS

PREMIORATION AND THE PROGRAMMENT OF FLANE STRINGS WE WORKED ON THE PROGRAMMENT OF THE PRO WEST CONTROL COUNTY BY ANY STREET IN SINGLE DYBLING OF PRIGHT LIBERTY PURPAGED IN THE GOVERN TO AND AND COPPRIGHT LIBERTS IN PRIGHENTING IN INCLESSARY TO CONTACT THE ORIGINAL DESIGNER TO RECEIVE AND LICERTS TO COMMITTED A LICENCE TO MAIN COPICS. IT OF DESTRUCTION OF THE THE COPPRIGHT OF THE COPICS IT HOULD BE NOTED THAT ACCOMPANIED A LICENCE TO MAIN COPICS. IT ACCOUNTS IN NOTED THAT ACCOMPANIED A LICENCE TO MAIN COPICS. IT COPIES FROM CONSTRUCTION PANS IS ILLEGAL COPY AND LICENSEE OF CONSTRUCTION PLANS EXISTS TO PROTECT ALL PARTIES, IT RESPECTS AND SUPPORTS THE INTELLECTUAL PROPERTY OF THE ORIGINAL AROUTECT AND/OR DESIGNER. THEREBY KEEPING IT POSSIBLE TO OFFER PRE-DRAWN PLANS AT AFFORDABLE PRICES COPYRIGHT LAW FOR PRE-DRAWN. CONSTRUCTION PLANS IS NOW BEING VIGOROUSLY ENFORCED. COPYRIGHT INFRINCEMENT COULD LEAD TO FINES OF UP TO 1100,000 FER VIGLATION.

GENERAL SITE NOTES

LOCATIONS OF SITE UTILITIES. CONTRACTOR TO VERIFY LOCATIONS OF SITE UTILITIES.
 REGUIREMENTS, AND CONNECTIONS FEES, OWNER, CONTRACTOR-AND SUB-CONTACTORS TO PAY ALL OF THIER RELATED.

CONSTRUCTION PERMIT FEES AS ASSEED UPON BETWEEN THE OWNER AND CONTRACTOR.

2. BEFORE ELICALATION, THE CONTRACTOR SHALL EXAMINE. ALL DRAWNINGS, MAPE, AND BUILDING SITE OF EXITING FACILITY TO DETERMINE THE ROUTES OF ALL UNDERGROUND UTILITIES

BEFORE DISSING COMMERCES IT IS ADVISED THAT THE OWNER AND OR CONTRACTOR CALL THEIR STATES UTILITY LOCATOR

TATOR.
IT IS RECOMMENDED THAT THE SITES SOIL BE TESTED FOR COMPRESSION NATION TO DETERMINE FOUNDATION AND POOTING DESIGN. CONCRETE FOUNDATIONS AND FOOTING DESIGN AND FOOTING BESIGN. CONCRETE FOUNDATIONS AND FOOTING DESIGN AFHALL BESI NA COORDINATOR TO COMPIETE A OF THE FIR. COOPE SEE FOUNDATION SECTION ON THIS PAGE FOR MORE DETAIL. 4. CONSIGLY A LOCAL CITY, ENGINEER FOR SITE FLANS AND SURVEYS OF ENGINEER PROPERTY. A LANDOCAPP ARCHITECT. SHOULD BE CONSULTED FOR MORE EXTENSIVE LANDSCAPE DESIGNS.

CHAPTER 3 :: BUILDING PLANNING

SECTION DOOR MINIMUM DOOM ADEAS.

HABITABLE ROOMS SHALL HAVE A FLOOR AREA OF NOT LESS THAN TO DOUARE FEET (6,5 MQ) EXCEPTION: NOTCHEND.

DOMES MINIMENS DIMENSION

HABITABLE ROOMS SHALL BE NOT LESS THAN 7 FEET (2134 MM) IN ANY HORIZONTAL DIMENSION.

EXCEPTION INTOHENS.

ROOM A HEIGHT EFFECT ON ROOM AREA.

PORTIONS OF A ROOM WITH A SLOPING CELLING MEASURING LESS.
THAN 5 FEET (1524 MM) OR A FURRED CELING MEASURING LESS. THAN ? FEET (2104 MM) FROM THE FINISHED FLOOR TO THE FINISHED CELLING SHALL NOT BE CONSIDERED AS CONTRIBUTING TO THE MINISHUM REQUIRED HABITABLE AREA FOR THAT ROOM.

SECTION R305 CEILING HEIGHT

R305.1 MINIMUM HEIGHT.

PORTIONS OF BASEMENTS CONTAINING THESE SPACES SHALL, HAVE A GEILING HEIGHT OF NOT LESS THAN 7 FEET (2121 MM).

NOTE: SEE SECTION RISE ! FOR EXCEPTIONS

R305.1.1 BASEMENTS. PORTIONS OF BASEMENTS THAT DO NOT ARC & SPACE OR HALLWAYS SHALL HAVE A CRILING HEIGHT OF NOT LESS THAN 6 PEET 8 INCHES (2032 MM)

EXCEPTION, AT REAMS, GROERS, DUCTS OR OTHER OBSTRUCTIONS. THE CEILING HEIGHT SHALL BE NOT LESS THAN 6 FEET 4 INCHES (1931 MM) FROM THE PHISHED FLOOR.

SECTION RING SANITATION

EACH DWELLING UNIT SHALL BE PROVIDED WITH A NITCHEN AREA AND EVERY KITCHEN AREA SHALL BE PROVIDED WITH A SHALL

R306.3 SEWAGE DISPOSAL

PLIMBING FIXTURES SHALL BE CONNECTED TO A SANITARY SEWER OR TO AN APPROVED PRIVATE SEWAGE DISPOSAL.

KOSEA WALER SUPPLY TO FIX UNESS.
PLUBBING STYURES SHALL BE CONNECTED TO AN APPROVED WATER SUPPLY, FITCHES SIMES, LANATORIES, SATHTUBS, DOHOWERS, EMPLY, FITCHES SIMES, LANATORIES, SATHTUBS, DOHOWERS, EMPLY, LANADORY TUSO AND WASHING MACHINE GUTLETS SHALL BE PROVIDED WITH HOT AND COLD WATER.

SECTION R307 TOILET, BATH, AND SHOWER

R307.1 SPACE REQUIRED. FIXTURES SHALL BE SPACED IN ACCORDANCE WITH FIGURE R30T.1, AND IN ACCORDANCE WITH THE REGUREMENTS OF SECTION P2705.1.

PART 2 RATHTUR AND SHOWER SPACES EATHTUR AND SHOWER FOORS AND WHATEN SPACES BETWING AND SHOWER PLOOPS AND WALLS ABOVE ANTHROBE WITH INSTALLED SHOWER HEADS AND WISHOWER COMPARTMENTS SHALL BE FRIGHTED WITH A NOUNBENGERS TURFACE SUCH WALL SURFACES SHALL EXTEND TO A HEIGHT OF NOT LESS THAN 9 FEBT (1829 MM) ABOVE THE FLOOR. SECTION R308 GLAZING

RISEA HAZARDOUS LOCATIONS.
THE LOCATIONS OPECIFIED IN SECTIONS RISEA 1 THROUGH
RISEA T SHALL BE CONSIDERED TO BE SPECIFIC HAZARDOUS
LOCATIONS FOR THE PURPOSES OF GLAZING.

QUATING IN DOORS.
QUATING IN FORD AND OPERABLE PANELS OF SWINGHIG. SLIDING AND SHPOLD DOORS SHALL BE CONSIDERED TO BE A MAZARDOUS LOCATION. R308.4.1 GLAZING IN DOORS

NOTE: SEE SECTION 308.4.1 FOR EXCEPTIONS

R308.4.2 GLAZING ADJACENT TO DOORS.

GLAZING IN AN INDIVIDUAL RIVED OR OPERARLE RANEL ADJACENT
TO A DOOR SHALL BE CONDISIDED TO BE A HAZARDOUS
LOCATION WHERE THE BOTTOM EXPOSED 6004 OF THE GUAZING.
IS LESS THAN SO INCHES 1154 NM, ABOVE THE FLOOR OR
ANALING GUAPAGE AND IT MEETS ETHING OF THE FOLLOWING.

I, WHERE THE GLAZING IS WITHIN 24 INCHES (\$10 MM) OF EITHER IDE OF THE DOOR IN THE FLAME OF THE DOOR IN A CLOSED

POSITION: I. WHERE THE GLAZING IS ON A WALL LESS THAN 180 DEGREES IS 14 RAD) FROM THE PLANE OF THE DOOR IN A CLOSED FOSITION AND WITHIN 24 INCHES (\$10 MM) OF THE HINSE SIDE OF AN IN-SWINGING DOOR.

WHERE THERE IS AN INTERVENING WALL OR OTHER EPMANENT BARRIER BETWEEN THE DOOR AND THE GLAZING. WHERE ACCESS THROUGH THE DOOR IS TO A CLOSET OR FORAGE AREA 3 FEET (\$14 MM) OR LESS IN DEPTH, GLAZING IN

R308 4.3 GLAZING IN WINDOWS

ROBLAS GLAZINOS IN WINDOWS.
QUIZINOS IN AN EIDVIDIUAL POLED OR OPERABLE PANEL THAT
WEETS ALL OF THE FOLLOWING CONDITIONS SHALL BE
CONSIDERED TO BE A HAZARDOUS LOCATION:
I. THE EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER

IN 9 COUNTY FEET 10 SEASON.

THE SOTTOM EDGE OF THE GLAZING IS LESS THAN 16.

THE SOTTOM EDGE OF THE GLAZING IS LESS THAN 16.

THE TOP EDGE OF THE GLAZING IS MORE THAN 36 INCHES.

(214 MIN. 260/ET THE TOOR.

5. ONE OR MORE WALKING SURFACES ARE WITHIN 36 INCHES (\$14 MM), MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF

NOTE: SEE SECTION RIGHTS FOR EXCEPTIONS

R306.4.4 GLAZING IN GUARDS AND RALINGS.
GLAZING IN GUARDS AND RALINGS. INCLUDING STRUCTURAL BALLISTER RANGE, SAND KONSTRUCTURAL SHAFLE RANGE. SEGOARDEES OF AREA OF HIGHOR ABOVE A WARKING SURFACE. GHALL BE CONDIDERED TO BE A HAZARDOUS LOCATION.

R308.4.4 1 STRUCTURAL GLASS BALUSTER PANELS.

QUARDS WITH STRUCTURAL QUASS BALUSTER PARES, SHALL BE MISTALLED WITH AN ATTACHED TOP RALL OR HANDRAL. THE TOP, BALL OR HANDRAL SHALLES SUPPORTED BY NOT LESS THAN THREE GLASS BALUSTER PARES. OR SHALL BE CHEMINE SUPPORTED TO REMAIN IN PLACE SHOULD ONE GLASS BALUSTER.

NOTE: SEE SECTION 358.4.4.1 FOR EXCEPTIONS.

R308.4.5 GLAZING AND WET SURFACES.

NOMA SOLUZINO AND WET SUNFACES.

GUAZINO IN PRAILE, DISCLOSURIES OF FEMCES CONTAMINIO ON FRANCIS OFF TURES SOFTAMINIO ON FRANCIS OFF TURES, SHANILHOOGE, SACINES, OTSANINON, SHATTURE, DISCLOSURIA DISCLOSURIO ONTOCORI SIMILANDI CONTOCORI CONTOCORI

NOTE: SEE SECTION 308.4.5 FOR EXCEPTIONS

R306.4.6 GLAZING ADJACENT TO STAIRS AND RAMPS. GLAZING WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS. LESS THAN 36 INCHES (914 MM) ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE OF STARWAYS, LANDRIGG BETWEEN FLIGHTS OF STARS AND RAMPS SHALL BE CONSIDERED.

NOTE: SEE SECTION 308 4.6 FOR EXCEPTIONS

R308 4.7 OLAZING AD JACENT TO THE BOTTOM STAIR LANDING GLAZING ADJACENT TO THE LANDING AT THE BOTTOM OF A STARWAY WHERE THE GLAZING IS LESS THAN 36 INCHES (\$14 MM) ABOVE THE LANDING AND WITHIN A 66-INCH (1524 MM) HORIZONTAL ARC LESS THAN 180 DEGREES FROM THE BOTTOM TREAD NOSING SHALL BE CONSIDERED TO BE A HAZARDOUS

SEE SECTION 508.4.7 FOR EXCEPTION

R308.5 SITE-BUILT WINDOWS.

SITE BUILT WINDOWS SHALL COMPLY WITH SECTION 2404 OF THE INTERNATIONAL BUILDING CODE.

RINE G SKYLIGHTS AND SLOPED GLAZING. SKYLIGHTS AND SLOPED GLAZING SHALL COMPLY WITH THE FOLLOWING SECTIONS.

RSM.6.1 DEFINITIONS. THE FOLLOWING TERMS ARE DEFINED IN

CHAPTER 2:
-SKYLIGHT, UNIT.
-SKYLIGHTS AND SLOPED GLÁZIKO -TUBULAR DAYLIGHTING DEVICE (TDD).

SECTION R909 GARAGES AND CARPORTS

REDGE FLOOR SURFACES SHALL BE OF APPROVED HONOCOMBUSTING MATERIAL. THE AREA OF FLOOR USED FOR PARKING OF AUTOMOBILES OR OTHER VEHICLES SHI BE SLOPED TO FACILITATE THE MOVEMENT OF LIQUIDS TO A DR OR TOWARD THE MAIN VEHICLE SHITH (DOORWAY.

RIBB2 CARPORTS.
CARROTTS SHALL BE CPEN ON NOT LESS THAN TWO SIDES.
CARROTT SOLOT SURFACES CHALL BE OF APPROVED NOTIONNUT THAN THE CARROTT SOLOT SHE NOTIONNUT THAN THE CARROTT SHOT OPEN ON THOO OF MORE DICES SHALL BE CONCEINED TO BE A CARROS HAD SHALL COMEN, WITH THE PROVISION OF THIS SECTION FOR MANAGET.
COMEN, WITH THE PROVISION OF THIS SECTION FOR MANAGET.
ONEW VISIONES OF SHALL BE COPIED TO ACLIENTE THE MAIN MOVEMENT OF LOURS TO A PRIMA OR TOWARD THE MAIN

EXCEPTION: ASPHALT SURFACES SHALL BE PERMITTED AT

PMR A AUTOMATIC GARAGE DOOR OPENERS AUTOMATIC GARAGE DOOR OPENERS, IF PROVIDED, SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 328.

PRIVATE GARAGES SHALL BE PROTECTED BY FIRE SPRINKLERS WHERE THE GARAGE WALL HAS BEEN DESIGNED BASED ON TABLE RSQ. 1(2), NOTE A. SPRINKLERS IN GARAGES SHALL BE CONNECTED TO AN AUTOMATIC SPRINGLER SYSTEM THAT COMPLIES WITH SECTION POSCA GARAGE SPRINGLERS SHALL BE DESIGNED TO PROVIDE A DENSITY OF 0.05 GPMFT2 GARAGE
DOORS SHALL NOT BE CONSIDERED DESTRUCTIONS WITH RESPECT TO SPRINK PRIPL ACEMENT

SECTION R310 EMERGENCY ESCAPE AND RESCUE OPENINGS

R310.1 EMERGENCY ESCAPE AND RESCUE OPENING REQUIRED.

BASEMENTS: HABITABLE ATTICS AND BUERY SLEEPING ROOM SHALL HAVE NOT LESS THAN ONE OPERABLE EMBRODICY BSCAPE AND RISCOUL OPIENTA, WHERE BASEMENTS CONTAIN DOWN ON MORE SLEEPING ROOMS, AN EMBRODICY ESCAPE AND RESCUE OPENING SHALL BE REQUIRED IN EACH SLEEPING ROOM.
EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN
DIRECTLY INTO A PUBLIC WAY, OR TO A VARD OR COURT THAT OPENS TO A PUBLIC WAY.

NOTE: SEE SECTION RAID 1 FOR EXCEPTION

R310.1.1 OPERATIONAL CONSTRAINTS AND OPENING CONTROL

ROTATION OF MALERAL CONSTITUTION OF CHARLES OF THE ROCAL PERSON OF THE ROCAL PROPERTY OF THE ROCAL WITHOUT THE USE OF A PERSON OF THE ROCAL WITHOUT THE USE OF A PERSON OF THE ROCAL PROPERTY OF THE ROCAL PROCAL PROPERTY OF THE ROCAL PROPERTY O

R310.2 EMERGENCY ESCAPE AND RESCUE OPENINGS

R310.2.1 MINIMUM OPENING AREA
EMERISMENT AND ESCAPE RESCUE OPERINGS SHALL HAVE A NET
LEAFN OPERING OF TOT LESS THAN \$7.5 DOLARE FREE (0.870 MG).
THE LET CLEAR OPENING DASHEGINGS REQUIRED BY THIS
SECTION SHALL BE CERTAINED BY THE MORRAL OPERATION OF THE
EMERISMENT SECAPE AND RESCUE OPENING PRIOR THE WISHOLD
HAVE LICENARY OF THE MORRAL OPERATION OF THE
HIST CLEAR HAVING OF THE OPENING SHALL BE HOT LESS
THAN 3 HAVING SHALL BY THE MORT CLEAR MOTH SHALL BE
HAVE 3 LICENARY AS DISCUSSED, THE MORT SHALL BE

EXCEPTION: GRADE FLOOR OPENINGS OR BELOW-GRADE

OPENINGS SHALL
HAVE A NET CLEAR OPENING AREA OF NOT LESS THAN 5 SQUARE
FEET (0.465 Mg).

R310.22 WINDOW SILL HERRIT:
WHERE A WINDOW IS PROVIDED AS THE EMERGENCY ESCAPE AND
RESCUE OF SHIPM, IT SHALL HAVE A BULL HEIGHT OF NOT MORE
THAN 44 RICHES (TTIS MIN) ABOVE THE PLOOR, WHERE THE SILL
HEIGHT IS BELOW GRADE, IT SHALL BE PROVIDED WITH A WINDOW
WELL IN ACCORDANCE WITH SECTION R3102.3.

R310.2.3 WINDOW WELLS.

KATULZI WINDOW WELLS.
THE HORIZONTAL AREA OF THE WINDOW WELL SHALL BE NOT LESS
THAN 9 SOUGHE FEET 6.9 MD. WITH A HORIZONTAL PROJECTION
AND WOTH OF NOT LESS THAN 36 BICHES (9 MAINS, THA AREA OF
THE WINDOW WELL SHALL ALLOW THE EMERISENCY ESCAPE AND
RESCLE OPENING TO BE FLALLY OFFINIO.

NOTE: SEE SECTION 315.2.3 FOR EXCEPTION

R010.2.3.1 LADDER AND STEPS.
WINDOW WELLS WITH A VERTICAL DEPTH ORIGITER THAN 44
RICHES WITH SMM SHALL BE EQUIPPED WITH A PERSAMERITLY
AFFIXED LADDER OR STEPS USABLE WITH THE WINDOW IN THE
FOLLY OPEN POSITION. LEDDERS OR STEPS REQUIRED BY THE FALLY OPEN POSITION LAGGERS OR STEER RECORDED BY THIS SECTION SHALL NOT BE REQUIRED TO COMPLY WITH SECTIONS RITH. I. LACCERS OR REMOS SHALL HAVE AN INSIDE WITH OF NOT LESS THAN 1 SHOWERS GOT MIN. ORALL PROJECT NOT LESS THAN? IN INCHES (TOMIN) FROM THE WALL AND SHALL BE SPACED NOT NOTE THAN 18 NOHES AST MAIN ON CONTEX VERTICALLY FOR THE PALL HEIGHT OF THE WINDOW WIEL.

R310.2.3.2 DRAINAGE.

WILL SHALL BE DESIGNED FOR PROPER DRAINAGE

WINDLING DRAINAGE CONNECTING TO THE BUILDING'S FOUNDATION DRAINAGE SYSTEM REQUIRED BY SECTION RIGH 1 OR BY AN APPROVED ALTERNATIVE

NOTE SEE SECTION 310.2.3.2 FOR EXCEPTION

RO10 2.4 EMERGENCY ESCAPE AND RESCUE OPENINGS UNDER DECKS AND PORCHES.

DECKS AND PORCHES.
EMERGENCY ESCAPE AND RESCUE OFENINGE INSTALLED UNDER
DECKS AND PORCHES SHALL BE FULLY OFENINGE AND PROVIDES
PATH NOT LESS THAN 36 INCHES (914 MM) IN HEIGHT TO A YARD
OR COURT.

R310.25 REPLACEMENT WINDOWS.
REPLACEMENT WINDOWS INSTALLED IN BUILDINGS MEETING T SCOPE OF THIS CODE SHALLED BEASINT FROM THE MAXIMUM HEIGHT REQUIREMENTS OF SECTION R310.2.2 AND THE REQUIREMENTS OF SOCION R310.2.1. PROVIDED THAT THE REPLACEMENT WINDOW MEETS THE POLLOWING CONSTITUTE.

THE REPLACEMENT WINDOW IS THE MANUFACTURER'S I. THE REPLICATION THE MANUFACTUREDS LARGEST STANDARDS SEE WHICH THE MANUFACTUREDS LARGEST STANDARDS SEE WHITH THE EUISTING PRANT OF THE SAME OFFICIAL THE STANDARDS THE AST THE SAME OFFICIAL STANDARDS THE AST THE STANDARDS SEE AN THE STANDARDS SEE AS THE THAT PROVIDES FOR AN THE DUAL OF DEPARTMENT WINDOWS OF SITTLE THAT PROVIDES FOR AN THE DUAL OF DEPARTMENT WINDOWS OF PERSON SEE STANDARDS SEE AST THAT THE GUISTING.

JOW.

THE REPLACEMENT WINDOW IS NOT PART OF A CHANGE OF

ROTO J EMERGENCY ESCAPE AND RESCUE OCORS, WHERE A DOOR IS PROVIDED AS THE REQUIRED BURRASING PECAPE AND RESCUE OPERATION. IT SHALL BE A SIGN-INVEST OF A JUDGE WHERE THE OFFINIOR IS BELOW THE ADJACENT GRADE, TO SHALL SE PROVIDED WITH AND APPRAISE OFFICE WITH A STAPPA WIELE.

RITO 3.1 MINIMUM DOOR OPENING SIZE.
THE MINIMUM NET CLEAR HEIGHT OPENING FOR ANY DOOR THAT.
SERVICE AS AN EMERGENCY AND ESCAPE RESCUE OPENING SHALL
BE IN ACCOMPANION WITH SECTION RISICAL.

R310.3.2 AREA WELLS. (\$14 MW). THE AREA WELL SHALL BE SIZED TO ALLOW THE EMEROPINGY ESCAPE AND RESCUE DOOR TO BE FULLY OPENED.

RISBURZ LADORE AND STEPS.

AREA WALLS WITH VARTICAL DEPTH ORBATER THAN 48 INCHES (ITS MAN PAUL BE SOURCED WITH A PREMAMENTAL APPROACH (ITS MAN PAUL BE SOURCED WITH A PREMAMENTAL APPROACH AND A PROFIT ALL ADDRESS OF STEPS REQUIRED BY THE SECTION SHALL WOTE SE PROVINCE OF STEPS ADDRESS OF THE SECTION SHALL WOTE SE PROVINCE OF STEPS ADDRESS OF THE SECTION SHALL WOTE SEARCH AND A PROVINCE OF THE SECTION SHALL WOTH A PROVINCE OF THE SECTION SHALL WOUND SHALL SHALL WOUND SHALL SECTION SHALL SH R310 3 2.1 LADDER AND STEPS.

R310.3.2.2 DRAINAGE, AREA WELLS SHALL BE DESIGNED FOR PROPER DRAINAGE BY CONNECTING TO THE BUILDING'S FOUNDATION DRAINAGE SYSTEM REQUIRED BY SECTION R405 FOR BY AN APPROVED ALTERNATIVE

NOTE: SEE SECTION 310.3.2.1 FOR EXCEPTION

OF THE EXTERIOR STAIRWELL.

R310.4 BARS, GRILLES, COVERS AND SCREENS. WHERE BARS, GRALLES, COVERS, SCREENS OR SANLAR DEVICES ARE PLACED OF OR EMERGENCY ESCAPE AND RESCUE OPENINGS AREA WELLS, OR WINDOW WELLS, THE MINIMUM NET CLEAR OPENING SEE SMALL COMPLY WITH SECTIONS RYDG. THROUGH RYDG. AND SUCH DEVICES SHALL BE RELEXABLE OR REMOVED BY ROOM THE RIGHD WITHOUT THE USE OF A REY, TOOL, SPECIAL KNOWLEDGE OR FORCE GRAPER THAN THAT RECURSED FOR THE NOWLEDGE OR FORCE GRAPER THAN THAT RECURSED FOR THE NOWLEDGE OR FORCE GRAPER THAN THAT RECURSED R310.5 DWELLING ADDITIONS.

WHERE DWELLING ADDITIONS CONTAIN SLEEPING ROOMS, AN EMERGENCY ESCAPE AND RESCUE OPENING SHALL BE FROYIDED IN EACH NEW SLEEPING ROOM. WHERE DWIELING ADDITIONS HAVE BASEMENTS, AN EMERGENCY ESCAPE AND RESCUE OPENING SHALL BE PROVIDED IN THE NEW BASEMENT

R310.6 ALTERATIONS OR REPAIRS OF EXISTING BASEMENTS. AN EMERGENCY ESCAPE AND RESCUE OFENING IS NOT REQUIRED WHICH CHISTING DAGEMENTS UNDERSO ALTERATIONS OR REPAIRS.

NOTE: SEE SECTION \$10.0 FOR EXCEPTION

SECTION R311 MEANS OF EGRESS

R311 1 MEANS OF EGRESS

OS SHALL BE PROVIDED WITH A MEANS OF EGRESS IN OWELLINGS SHALL BE PROVIDED WITH A MEANS OF BORESS OF ACCORDANCE WITH THIS SECTION. THE MEANS OF BORESS SHALL PROVIDE A CONTINUOUS AND UNDESTRUCTED PATH OF VERTICAL AND MCREDOTHES ORDERST THANGE FROM ALL PORTIONS OF THE OWELLING TO THE REQUIRED EXPRESS DOOR WITHOUT REQUIRED SHALL DEED OFFICE THE SECTION OF THE ACCOUNT OF THE SECTION OF SHALL DEED OFFICE THE SECTION OF THE SECTION OF THE SECTION OF SHALL DEED OFFICE THE SECTION OF THE SEC

NOT LESS THAN ONE CORESS DOOR SHALL BE PROVIDED FOR EACH DWELLING UNIT. THE EGRESS DOOR SHALL BE SIDE HINGED. EACH DYNAMING WITH THE GORGES GOOD BHALLE SE GIBE HIGHDON, AND DHALL PROVIDED CALLER WITHOUT ON DYN CASO THAT OF SHAPE AND AND THE LEARNING BETWEEN THE FACE OF THE GOOD AND THE TOWN WITH THE GOOD FROM THE GOOD THE TOWN OF THE GOOD THE CASE OF THE CASE

R311.3 FLOORS AND LANDINGS AT EXTERIOR DOORS.

THERE SHALL BE A LANDING OR FLOOR ON EACH SIDE OF EACH EXTERIOR DOOR. THE WIDTH OF EACH LANDING SHALL BE NOT LESS THAN THE DOOR SERVED. LEDU THAN THE DOOR SERVED.

LINDINGS SHALL HAVE A DISENSION OF NOT LESS THAN SE
NOTHER OF A MAIL MAKE A DISENSION OF NOT LESS THAN SE
NOTHER OF A MAIL MAKE USED A THE DIRECTION OF TRAVEL. THE
SLOPE AT EXTERNOR LANDINGS SHALL HOT EXCEED 14 UNIT
VERTICAL IN 12 UNITS HORIZONTAL (2-PERGENT).

R311.3.1 FLOOR FLEVATIONS AT THE REQUIRED EGRESS DOORS LANDINGS OR FINISHED FLOORS AT THE REQUIRED EGRESS DOOF SHALL BE NOT MORE THAN 11/2 INCHES (38 MM) LOWER THAN THE TOP OF THE THRESHOLD.

NOTE: SEE SECTION 311-3 1 FOR EXCEPTION

8311 3 2 EL COR EL EVATIONS AT OTHER EXTERIOR DOORS. DOORS OTHER THAN THE REQUIRED ESRESS DOOR SHALL BI PROVIDED WITH LANDINGS OR PLOORS NOT MORE THAN 75'4 INCHES (198 MM) BELOW THE TOP OF THE THRESHOLD.

NOTE: SEE SECTION \$11.3.2 FOR EXCEPTION

R311.3.3 STORM AND SCREEN DOORS. STORM AND SCREEN COORS SHALL BE PERMITTED TO SWING-OVER EXTERIOR STAIRS AND LANDINGS.

R311.4 VERTICAL EGRESS. EGRESS FROM HABITABLE LEVELS INCLUDING HABITABLE ATTIC AND BASEMENTS THAT ARE NOT PROVIDED WITH AN EGRESS DOOR IN ACCORDANCE WITH SECTION R311,2 SHALL BE BY A RAMP IN ACCORDANCE WITH SECTION R311,6 OR A STAIRWAY IN

AND ATTACHMENT EXTERIOR LANDINGS, DECKS, BALCONIES, STAIRS AND SIMILAR FACILITIES SHALL BE POSITIVELY ANCHORED TO THE PRIMARY STRUCTURE TO RESIST BOTH VERTICAL AND LATERAL FORCES OR SHALL BE DESIGNED TO BE SELF-SUPPORTING, ATTACHMENT HALL NOT BE ACCOMPLISHED BY USE OF TORNALS OR NAILS SUBJECT TO WITHDRAWAL

R311.6 HALLWAYS E WIDTH OF A HALLWAY SHALL BE NOT LESS THAN 3 FEET (914

> DREAM HOME DESIGNS ERIC LOHMA JULY 25, 2020 A NEW DUPLEY FOR POOVIN PILL AY

2317 PEACHTREE STREET - KNOXVILLE, TENNESSEE 2018 IRC REQUIREMENTS TN-2020-0010

DOSS / STARWAYS

8311 7 1 WIDTH

TAIRWAYS SHALL BE NOT LESS THAN 35 NCHES (\$14 MM) IN CLEAR WIDTH AT ALL POINTS ABOVE THE TED HANDRAIL HEIGHT AND BELOW THE REQ HEADROOM HEIGHT, THE CLEAR WIDTH OF STARWAYS AT AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS, CHALL BE NOT LESS THAN 31 1/2 INCHES (7/07 MM) WHEITE A HANDRAIL IS INSTALLED ON ONE SIDE AND 27 INCHES (09 MM) WHERE HANDRAILS ARE INSTALLED ON BOTH SIDES

NOTE: SEE SECTION 311.7, FOR EXCEPTION

R311.7.2 HEADROOM

NATLIZ PREMINDOM.

THE HEADROOM IN STARMARY SHALL BE NOT LESS THAN 8 FEET 8
INCHES (2052 MM) MEASURED VERTICALLY FROM THE SLOPED LINE
ADJOINING THE TREAD NOSING OR FROM THE FLOOR SURFACE OF
THE LANDING OR PLATTORN ON THAT PORTION OF THE STARWAY.

NOTE: SEE SECTION 311.7.2 FOR EXCEPTIONS

A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE LARGER. THAN 161 INCHES (3836 MM) BETWEEN FLOOR LEVELS OR

R311.7.4 WALK-LINE

BE CONCENTRIC TO THE TURN AND PARALLEL TO THE DIRECTION OF TRIVIEL ENTERING AND EXITING THE TURN. THE WALKLINE SHALL BE LOCATED 12 INCHES (305 MM) FROM THE INSIDE OF THE TURN THE 12 INCH (300mm) DIMENSION SHALL BE MEASURED FROM THE WIDEST POINT OF THE CLEAR STAIR WIDTH AT THE FLIGHT, THE POINT OF THE WIDEST CLEAR STAIR WIDTH OF THE ADJACENT WINDERS SHALL BE USED.

R311.7.5 STAIR TREADS AND RISERS.
STAIR TREADS AND RISERS SHALL MEET THE REQUIREMENTS OF THIS SECTION, DIMINISION. AND DIMENSIONED SURFACES SHALL BE EXCLUSIVE OF CARPETS. RUGS OR RUNNERS.

VERTICAL OR SCOPED FROM THE UNDERSIDE OF THE NOSING OF THE TREAD ABOVE AT AN ANGLE NOT MORE THAN 30 DEGREES 51 RAD) FROM THE VERTICAL AT OPEN RISERS, OPENING OCATED MORE THAN 30 NEASURED VERTICALLY, TO THE FLOOR OR

NOTE: SEE SECTION 311 5.1 FOR EXCEPTIONS

R311.7.5.2 TREADS.
THE TREAD DEPTH SHALL BE NOT LESS THAN 10 INCHES (284 MM). THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO THE TREAD'S OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8

R311.7.52.1 WINDER TREADS.
WINDER TREADS SHALL HAVE A TREAD DEPTH OF NOT LESS THAN 10 INCHES (SHAMA) MEASURED RETWEEN THE VERTICAL PLANES. OF THE FOREMOST PROJECTION OF ADJACENT TREADS AT THE INTERSECTIONS WITH THE WALK-LINE WINDER TREADS SHALL GIVE A TREAD DEPTH OF NOT LESS THAN 6 INCHES (162 MM) A ANY POINT WITHIN THE CLEAR WIDTH OF THE STAR, WITHIN ANY FUNDH OF STAR, WITHIN ANY FUNDH OF STAR, STAR LARGEST WINDER TREAD OPPTHAT THE WALK JUNE SHALL NOT EXCEPT HE SMALLEST WINDER TREAD WINDER TREAD MINDER TREAD AND THE SMALLEST WINDER TREAD AND THE SMALE STAR WINDER TREAD AND THE SMALLEST WINDER TREAD AND THE SMALLEST WALK LINE SMALL BE ALLOWED WITHIN THE SAME FLIGHT OF STARRES ARE CHANGED AND SHALL NOT BE RED TO BE WITHIN 3/9 INCH (9.5 MM) OF THE RECTANGULAR TREAD DEPTH

NOTE: SEE SECTION 311 7.5. 2.1 FOR EXCEPTION

SHALL HAVE A RADIUS OF CURVATURE AT THE NOSING NOT GREATER THAN 0/16 INCH (16 MM) OR A REVEL NOT GREATER THAN 14 NICH (12 TIMM), A NICING PROJECTION NOT LESS THAN 14 INCH (19 MM) AND NOT MORE THAN 114 INCHES (32 MM) SHALL BE PROVIDED ON STARWAYS. THE GREATEST NICING PROJECTION

NOTE: SEE SECTION 311.7 5.3 FOR EXCEPTION

R311,7.5.4 EXTERIOR PLASTIC COMPOSITE STAIR TREADS.
PLASTIC COMPOSITE EXTERIOR STAIR TREADS SHALL COMPLY WITH THE PROVISIONS OF THIS SECTION AND SECTION R507.2.2

R311.7.6 LANDINGS FOR STAIRWAYS.

THERE SHALL BE A PLOOR OF LANDING AT THE TOP AND BOTTO OF EACH STAWAY. THE WOTH PERPENDICULAR TO THE DIRECTION OF TRAVEL SHALL BE NOT LESS THAN THE WIOTH OF THE FLIGHT SERVED, FOR LANDINGS OF SHAPES OTHER THAN SOURCE OF RECTANGULAR, THE DEPTH AT THE WALL LINE AND THE TOTAL AREA SHALL BE NOT LESS THAN THAT OF A QUARTER CIRCLE WITH A RADIUS EQUAL TO THE REQUIRED LANDING WIDTH WHERE THE STURNINY HAS A TRANSHAT RUN. THE DEPTH IN THE DIRECTION OF TRAVEL SHALL BE NOT LESS THAN 36 INCHES

NOTE: FOR SECTION BY TAKEN EVERNOUS

R311.7.7 STAIRWAY WALKING SURFACE THE WALKING SURFACE OF TREADS AND LANDINGS OF STAIRWAYS SHALL BE SLOPED NOT STEEPER THAN ONE UNIT VERTICAL IN 48 INCHES MORIZONTAL (2) PERCENT SLOPE).

R311 7 & HANDRALS
HANDRALS SHALL BE PROVIDED ON NOT LESS THAN ONE SIDE OF
FACULTION OF TEXTS WITH PARTY OF TEXTS.

ROTE 2 BENEFIT, MEASURED VERTICALLY FROM THE SLOPED MANUFACTURE OF STATE OF THE STATE OF T PLANE ADJOINING THE TREAD NOSING, OR FIRSH SURFACE OF RAMP SLOPE, SHALL BE NOT LESS THAN 34 INCHES (864 MM) AND NOT MORE THAN 38 INCHES (865 MM).

NOTE: SEE SECTION 311.7 & 1 FOR EXCEPTIONS

R315,7 it 2 HANDRAIL PROJECTION. HANDRAILS SHALL NOT PROJECT MORE THAN 4 1/2 INCHES (114 MM) ON EITHER SIDE OF THE STAIRNAY.

NOTE: SEE SECTION 311.7.6.2 FOR EXCEPTIONS

R311.7.8.3 HANDRAIL CLEARANCE.

R3H.T.E.A.CONTINUITY,
HANDRAILS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE
FUIGHT. FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE
FUIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE
FUIGHT. HANDRAIL RISES SHALL BE RETURNED OR SHALL
TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS

NOTE: SEE SECTION 311 7.8.4 FOR EXCEPTIONS

R311 7 & S GRIP SIZE REQUIRED HANDRIALS SHALL BE OF ONE OF THE FOLLOWING REQUIRED HANDRAILS SHALL BE UP UP TYPES OR PROVIDE EQUIVALENT ORAS

MOTE, THE POST IS NOT THE CAMP THE SI MENDES OF

R311.7 ILSEXTERIOR PLASTIC COMPOSITE HANDRALS. PLASTIC COMPOSITE EXTERIOR HANDRALS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 0507.2.2.

R311,7 10 SPECIAL STARWAYS. SPIRAL STARWAYS AND BULKHEAD ENCLOSURE STARWAYS SHALL COMMON WITH THE DESIGNED WEST OF SECTION DAYS.

EXCEPT AS SPECIFIED IN SECTIONS R311.7.10.1 AND R311.7.10.2.

R311.7.10.1 SPIRAL STAIRWAYS.
THE OF EAR WIDTH AT AND BELOW THE HANDRAILS AT SPIRAL THE CLEAR WIDTH AT AND BELOW THE HANDRALS AT SPRAL. STARWARYS SHALL BE NOT LESS THAN 20 INCHES (600 MM), AND THE WALKLINE RADIUS SHALL BE NOT GREATER THAN 24 1/2 INCHES (622 MM) EACH TREAD SHALL MIKE A DEPTH OF POT LESS THAN 0 34 INCHES (171 MM) AT THE WALKLINE, TREADS SHALL BE DENTICAL, AND THE RISE SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT LESS THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL BE NOT MORE THAN 0 1/3 INCHES (31 MM), HEADROOM SHALL SHALL

R311.7.10.2 BULKHEAD ENCLOSURE STAIRWAYS.

NATIONAL BULKHEAD ENCLOSURE STARWAYS.

STHAWAYS SERVING BULKHEAD ENCLOSURES NOT PART OF THE
REQUIRED BULLING EGRESS. PROVIDING ACCESS FROM THE
OUTSIDE GARDE LEVEL TO THE PLASEMENT SHALL BE EXEMPT
FROM THE REQUIREMENTS OF SECTIONS R311.3 AND R311.7

HUMBER THE LEVEL OF THE PLASEMENT SHALL SERVING THE PROVIDER SHALL SERVING THE PROVIDER SHALL SERVING THE PROVIDER SHALL SHALL SHAPE THE PROVIDER SHAPE SHAPE THE PROVIDER SHAPE SHAPE THE PROVIDER SHAPE SHAPE THE PROVIDER SHAPE SHAP FROM THE REQUIREMENTS OF SECTIONS R311.3 AND R311.7 WHERE THE HEIGHT PROM THE BLISSMENT FINISHED R, OOR, EVEL TO GRADE ADJACENT TO THE STARWAY IS NOT MORE THAN 8 FEET (ASI MA) AND THE ORDADE LEVEL DEPINENT TO THE STARWAY IS COVERED BY A BULXHEAD ENCLOSURE WITH HINGED

NOTE: SEE SECTION R311.7.11 THROUGH R311.7.12.2 FOR

ROSS & MAXIMUM SLOPE

NATE AS MANAGEM SLOTE CORES DOOR REQUIRED BY SECTION 16311 2 SHALL HAVE A SLOTE OF NATE MORE THAN 11 JUST VERTICE NO 12 SHALL HAVE A SLOTE OF NOT MORE THAN 11 JUST VERTICE OF SHALL HAVE A SLOTE OF THE ROBING SHALL HAVE A SHALL BY SHALL SHAL

EXCEPTION: WHERE IT IS TECHNICALLY INFEASIBLE TO COMPLY BECAUSE OF SITE CONSTRAINTS, RAMPS SHALL HAVE A SLOPE OF NOT MORE THAN 1 UNIT VERTICAL IN ILUNITS HORIZONTAL (12.5

R311 8 2 LANDINGS REQUIRED.

THERE SHALL GET ALTOOR ON LANDING AT THE TOP AND BOTTOM OF EACH RAMP, WHERE DOORS OFEN ONTO RAMPS, AND WHERE RAMPS CHANGE SHIROTHORS. THE WOTH OF THE LANDING PREPRODUCTIONAL TO THE RAMPS SLOPE SHALL BE NOT LESS THAN SE INCHES (\$14 MM).

R311.8.3 MANDRAILS REQUIRED. HANDRAILS SHALL BE PROVIDED ON NOT LESS THAN ONE SIDE OF

THE RAMP SLOPE, SHALL BE NOT LESS THAN 34 INCHES (864 MM) AND NOT MORE THAN 36 INCHES (985 MM)

R311.8.3.2 GRIP SIZE. HANDRALS ON RAMPS SHALL COMPLY WITH SECTION R311.7.8.5.

R311.8.3.3 CONTINUITY.

HANDRALS WHERE ROUNDLOOK NAMES SHALL BE CONTINUE FOR THE FILL LENGTH OF THE RAMP, HANDRAL ENDS SHALL I RETURNACY OR SHALL TERMINATE IN NEWEL POSTS OR SAFET TERMINACY, HANDRALS AUGUSTIT TO A WALL SHALL HANDLA SPACE OF NOTLESS THAN THE INCHES 550 MM) SETWEEN THE WALL AND THE HANDRALS.

GUARDS AND WINDOW FALL PROTECTION

R312.1 GUARDS.

GUARDS SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS
R312.1.1 THROUGH R312.1.4

R312 1.1 WHERE REQUIRED.
GUARDOS SHALL BIT PROVIDED FOR THOSE PORTIENTS OF
OPEN SIDED WALKING SURFACES, INCLUDING STARS, RAMPE AND
LANDINGS, THAT ARE LOCATED MORET THAN 30 MOVIETS FOR MIN
MACASISTAL VISTARICAL YOT THE FLOOR OS GOADS BELOW AT ANY
POINT WITTEN 38 MOVIETS SHA MIN HORIZONTALLY TO THE EDGE OF
THE OPEN JOSE MOSENT SCHOOL SHALL NOT BE CONSIDERED.

RAIA 12 MEIGHT.

REQUIRED QUARDO AT DIPLINISCICIO WALKING DUBFACIES,
INCLUDING STARS, PORCHES, BALCONES OR LANDINGS, SHALL
BE NOT LESS THAN 30 INCHES (101 MM) ON HEIGHT AS MEASURED
VERTICALLY ADOVE THE ADJACENT WALKING SURFACE OR
THE LINE CONDECTIONS THE INCOMES.

NOTE: SEE SECTION 312 1.2 FOR EXCEPTIONS

R312 13 OPENING LIMITATIONS.

NOTE, SEE SECTION 312.1.3 FOR EXCEPTIONS

ROTE 1.4 EXTERIOR PLASTIC COMPOSITE GUARDS.
PLASTIC COMPOSITE EXTERIOR GUARDS SHALL COMPLY WITH THE
REQUIREMENTS OF SECTION R317.4.

R312 2 WINDOW FALL PROTECTION.

LL BE PROVIDED IN ACCORDANCE WITH SECTIONS R31221 AND R31222

RELOZ I WINDOW SELE.

IN DWICLING UNDET, WHICHE THE TOP OF THE SILL OF AN OPERABLE WINDOW OPERAND IS LOCATED LESS THAN 04 NICHES. (RIO MM), ABOVE THE FINISHED FLOOR AND GREATER THAN 72 NICHES, PLOOR MM), ABOVE THE FINISHING ORGANIC OR OTHER SURFACE BELLOW ON THE EXTERNOR OF THE SULFAN, THE OPERABLE WINDOW SHALL COMMANY WITH KNOW OF THE

4-INCH-DIAMITER (102 MM) SPHERE TO PASS THROUGH W THE OPENINGS ARE IN THEIR LARGEST OPENED POSITION 2 OPERABLE WINDOWS ARE PROVIDED WITH WINDO

TERINTING CHARASTE WINDOWS THAT ARE PROVIDED WITH WINDOW

WINDOW OPENING CONTROL DEVICES SHALL COMPLY WITH A3TH 7009. THE WINDOW OPENING CONTROL DEVICE, AFTER OPERATION TO RESIDES THE CONTROL DEVICE, AFTER WINDOW TO FULLY OFFICE, SHALL NOT REQUEST THE MET CLEAR OPENING AREA OF THE WINDOW ONT TO LESS THAN THE AREA REQUIRED BY SECTION RISID.2.

SECTION R313

AUTOMATIC FIRE SPRINKLER SYSTEMS

313.1 TOWNHOUSE AUTOMATIC FIRE SPRING ER SYSTEMS

AN AUTOMATIC RESIDENTIAL FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN TOWNHOUSES

NOTE: SEE SECTION 313 1 FOR EXCEPTION

R313.1.1 DESIGN AND INSTALLATION.

AUTOMATIC RESIDENTIAL FIRE SPRINKLER SYSTEMS FOR ACCORDANCE WITH SECTION P2004 OR NEPA 13D

R313.2 ONE: AND TWO FAMILY DWELLINGS AUTOMATIC FIRE SPRINKLER SYSTEMS.

NAUTOMATIC RESIDENTIAL FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN ONE- AND TWO-FAMILY DWELLINGS.

NOTE: SEE SECTION 313.2 FOR EXCEPTION

R143 2 1 DESIGN AND INSTALLATION

AUTOMATIC RESIDENTIAL FIRE SPRINKLER SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH SECTION POSSA

SECTION R314 SMOKE ALARMS

R314 1 GENERAL

SMOKE ALARMS SHALL COMPLY WITH NFPA 72 AND SECTION R314.

R314 1.1 LISTINGS

SMOKE ALARMS CHALL BE LISTED IN ACCORDANCE WITH UL 217. COMBINATION SMOKE AND CARRON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND UL 2014

DAM 9 WHERE BEAMBER SMOKE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH THIS

SECTION.

R314 2 1 NEW CONSTRUCTION SMOKE ALARMS SHALL BE PROVIDED IN DWELLING UNITS

R314.2.2 ALTERATIONS. REPAIRS AND ADDITIONS

WHERE ALTERATIONS, REPAIRS OR ADDITIONS REQUIRING A PERMIT OCCUR. THE INDIVIDUAL DWELLING UNIT SHALL BE EQUIPPED WITH SMOKE ALARMS LOCATED AS REQUIRED FOR NEW

NOTE: SEE SECTION 314.2.2 FOR EXCEPTIONS

R314.3 LOCATION

SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING

LOCATIONS IN EACH SUBSPINIS BOOM

OUTSIDE EACH SEPARATE SLEEPING AREA IN THE

IMMEDIATE VICINITY OF THE BEDROOMS. ON FACULTOCIONAL STORY OF THE OWELLING INCLUDING BASEMENTS AND HABITABLE ATTICS AND NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS. IN DWELLINGS OF DWELLING UNITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR RETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER

LEVEL PROVIDED THAT THE LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN 3 FEET (914 MM) HORIZONTALLY FROM THE DOOR OR OPENING OF A WOULD PREVENT PLACEMENT OF A SMOKE ALARM REQUIRED BY THIS SECTION

R314.3.1 INSTALLATION NEAR COOKING APPLIANCES. SMOVE ALABAS SHALL NOT BE INSTALLED IN THE EQUIOWING LOCATIONS UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM IN A LOCATION REQUIRED BY SECTION R314.3.

- IONIZATION SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 20 FEET (8996 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE
- 2 IONIZATION SMOKE ALARMS WITH AN ALARM SKENCING SWITCH SHALL NOT BE INSTALLED LESS THAN 10 FEET (3046 HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING
- PHOTOELECTRIC SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 6 FEET (1828 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.

RO14.4 INTERCONNECTION.
WHERE WORE THAN ONE SACKE ALARM
15 REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING
UNIT OF ACCORDANCE WITH OFICTION RS14.3, THE ALARM DEVICES JUNE 9 A ACCORDANCE WITH CRETION RS14.3, THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INOTIONAL OWNELING UNIT. PHYSICAL INTERCONNECTION OF SWOKE ALARMS SHALL NOT BE REQUIRED WHERE LISTED WIRLLESS ALARMS AND INSTALLED AND ALL ALARMS COUND UPON

9314 5 COMPINATION ALADMS

COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF SMOKE ALARMS.

R314 5 POWER SOURCE

SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BOEDING WHICHE SOCIAL PROMAS IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY, WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE RECUIRED FOR OVERCURRENT PROTECTION

NOTE: SEE SECTION 314 8 FOR EXCEPTIONS

R014 7 FIRE ALARM SYSTEMS

FIRE ALARM SYSTEMS SHALL BE PERMITTED TO BE USED IN LIEU OF SMOKE ALARMS AND SHALL COMPLY WITH SECTIONS ROTALE. THROUGH R314.7.4.

SECTION D315 CARBON MONOVIDE ALARMS

R315.1 GENERAL. CARBON MONOXIDE ALARMS SHALL COMPLY WITH SECTION R315.

WITH UL 2034, COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL SE LISTED IN ACCORDANCE WITH UL 2034 AND UL.

R315.2 WHERE REQUIRED. CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS R310.2.1 AND R315.2.2.

PROVIDED IN DWELLING UNITS WHERE EITHER OR BOTH OF THE

THE DWELLING UNIT HAS AN ATTACHED GARAGE WI DPENING THAT COMMUNICATES WITH THE DWELLING UNIT

RNIS 2.2 ALTERATIONS REPAIRS AND ADDITIONS WHERE ALTERATIONS, REPARTS OR ADDITIONS REQUIRING A PERMIT OCCUR. THE INDIVIDUAL DWELLING UNIT SHALL BE EQUIPED WITH CARBON MONOXIDE ALARMS LOCATED AS REQUIRED FOR NEW OWELLINGS.

NOTE: SEE SECTION 315.2.2 FOR EXCEPTIONS

RHS 3 LOCATION

CARRON MONOXDE ALARMS IN DIVELLING UNITS EHALL BE
INSTALLED OUTDOOL OF EACH DURNANT SLEEPING AREA IN THE
IMMEDIATE VICINITY OF THE BEDROOMS. WHERE A FUEL BURNAN
APPLIANCE IS COLOTED WITHIN A BEDROOM OR IN ATTACHED
BATHROOM, A CARBON MONOXDE ALARM SHALL BE NOTALLED

R315 4 COMBINATION ALARMS.

NOTE AND SMOKE ALASMO SHALL BE COMMINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL RE PERMITTED TO BE USED IN LIEU OF CARBON MONOXIDE ALARMS.

BHS SINTERCONNECTAITS WHERE MORE THAN ONE CARBON MONOXIDE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT IN ACCORDANCE WITH SECTION R316.3. THE ALARM DEVICES SHALL ACCORDANCE WITH SECTION R316.3. THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF DISI, ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL DWELLING UNIT. PHYSICAL INTERCONNECTION OF CARRION MONOXICE ALARMS SHALL NOT BE REQUIRED WIFIRE THE CONTROL OF THE SHALL NOT BE REQUIRED WIFIRE WITH THE SHALL SH LISTED WIRELESS ALARMS ARE INSTALLED AND ALL ALARMS SOUND UPON ACTIVATION OF ONE ALARM.

NOTE: SEE SECTION 315.5 FOR EXCEPTIONS

RS15.6 POWER SOURCE.

R315 POWER SOURCE.

CARBON MONOXOE ALAMMS SHALL RECEIVE THEIR PRIMARY
POWER FROM THE BULDING WIRING WHERE SUCH WIRING IS
SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY
POWER IS STREADURED, SHALL, BECEIVE POWER FROM A
BATTERY, WIRING SHALL SE FERMANENT AND WITHOUT A INNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVER-CURRENT PROTECTION.

NOTE: SEE SECTION 315.5 FOR EXCEPTIONS

RDIS 7 CARRION MONOXIDE DETECTION SYSTEMS CARBON MONOXIDE DETECTION SYSTEMS SHALL BE PERMITTED TO BE USED IN LIEU OF CARBON MONOXIDE ALARMS AND SHALL COMPLY WITH SECTIONS RAISES 1 THROUGH RAISES.

SECTION R321

ELEVATORS AND PLATFORM LIFTS

WHERE PROVIDED, PASSENGER ELEVATORS, LIMITED- USE AND LIMITED APPLICATION ELEVATORS OF PRIVATE RESIDENCE ELEVATORS SHALL COMPLY WITH ASME AND LICEA BAN

SECTION R322

FLOOD-RESISTANT CONSTRUCTION

R322 1 GENERAL

REZEZ SEMINAL.
BUILDINSS AND STRUCTURES CONSTRUCTED IN
WHOLE OR IN PART IN FLOOD HAZARD AREAS, INCLUDING A OR V
ZONES AND COASTALA ZONES. AS ESTABLISHED IN TABLE R301.3(1), AND SUBSTANTIAL IMPROVEMENT AND REPAIR OF SUBSTANTIAL DAMAGE OF BUILDINGS AND STRUCTURES IN FLOOD SUBSTANTAL DAMAGE OF BULCONSS AND STRUCTURES IN FLOOR HAZARD AREAS, SHALL BE DESIGNED AND CONSTRUCTED IN AGGORDANCE WITH THE PROVISIONS CONTAINED IN THIS SECTION, BUILDINGS AND STRUCTURES THAT ARE LOCATED IN MORE THAN ONE FLOOD NAZARD AREA SHALL COMPLY WITH THE PROVISIONS ASSOCIATED WITH THE MOST RESTRICTIVE FLOOD HAZARD AREA BUILDINGS AND STRUCTURES LOCATED IN WHOLE

R322.1.2 STRUCTURAL SYSTEMS.

N321.12 STRUCTURAL SYSTEMS OF BUILDINGS AND STRUCTURES SHALL BE DESIGNED. CONNECTED AND ANCHORED TO RESIST FLOTATION. COLLAPSE OR PERMANENT LATERAL MOVEMENT DUE TO STRUCTURAL LOADS AND STRESSES FROM FLOODING BOUAL TO THE DESIGN FLOOD ELEVATION

R322 1.4 ESTABLISHING THE DESIGN FLOOD ELEVATION.

BUILDINGS AND STRUCTURES ERECTED IN AREAS PRONE TO FLOODING SHALL BE CONSTRUCTED BY METHODS AND PRACTICES. THAT MINIMIZE FLOOD DAMAGE

THE DESIGN FLOOD ELEVATION SHALL BE USED TO DEFINE FLOOD HAZARD AREAS, AT A MINIMUM, THE DESIGN FLOOD ELEVATION SHALL BE THE HIGHER OF THE FOLLOWING THE BASE FLOOD ELEVATION AT THE DEPTH OF PEAK

ELEVATION OF FLOODING, INCLUDING WAVE HEIGHT, THAT HAS A 1 PERCENT (100-YEAR FLOOD) OR GREATER CHANCE OF ITEMS EQUALED OR EXCEEDED IN ANY GIVEN YEAR 2 THE ELEVATION OF THE DESIGN FLOOD ASSOCIATED WITH THE AREA DESIGNATED ON A FLOOD HAZARD MAP ADOPTED BY THE COMMUNITY, OR OTHERWISE LEGALLY DESIGNATED. FOR DETERMINING DESIGN PLOOD ELEVATIONS AND IMPACTS.

REFER TO SECTIONS R322 1.4 1 AND R322 1.4.2

THE LOWEST FLOOR SHALL BE THE LOWEST FLOOR OF THE LOWEST FLOOR DATE. NOLLOWING BASEMENT, AND EXCLUDING THE LOWEST PROCESSES. ANY UNFINISHED FLOOD RESISTANT ENCLOSURE THAT IS USEABLE TO RENDER THE BUILDING OR STRUCTURE IN VIOLATION OF THIS

R322.1.6 PROTECTION OF MECHANICAL PLUMBING AND

ELECTRICAL SYSTEMS ELECTRICAL SYSTEMS, EQUIPMENT AND COMPONENTS, HEATING, VENTILATING AIR CONDITIONING PLUMBING APPLIANCES AND LUMBING FIXTURES: DUCT SYSTEMS: AND OTHER SERVICE EQUIPMENT SHALL BE LOCATED AT OR ABOVE THE ELEVATION REQUIRED IN SECTION ROSS 2 OR ROSS 3. IF REPLACED AS PART OF A SUBSTANTIAL IMPROVEMENT, ELECTRICAL SYSTEMS EQUIPMENT AND COMPONENTS: HEATING VENTILATING AN CONDITIONING AND CUMPORENTS PICETING, VENTILATING, ARE CONDITIONING AND PLUMBING APPLIANCES AND PLUMBING FIXTURES, DUCT SYSTEMS, AND OTHER SERVICE EQUIPMENT SHALL MEET THE REQUIREMENTS OF THIS SECTION, SYSTEMS, FIXTURES, AND EQUIPMENT AND COMPONENTS SHALL NOT BE MOUNTED ON OR PENETRATE THROUGH WALLS INTENDED TO

BREAK AWAY UNDER FLOOD LOADS

R322 1.7 PROTECTION OF WATER SUPPLY AND SANITARY SEWAGE

SYSTEMS. NEW AND REPLACEMENT WATER SUPPLY SYSTEMS SHALL BE DESIGNED TO MINIMIZE OR ELIMINATE INFLITRATION OF FLOOD WATERS INTO THE SYSTEMS IN ACCORDANCE WITH THE PLUMBING PROVISIONS OF THIS CODE, NEW AND REPLACEMENT SANITARY SEWAGE SYSTEMS SHALL BE DESIGNED TO MINIMIZE OR ELIMINATE INFILTRATION OF FLOODWATERS INTO SYSTEMS AND DISCHARGES FROM SYSTEMS INTO FLOODWATERS IN ACCORDANCE WITH THE PLUMBING PROVISIONS OF THIS CODE AND CHAPTER 3 OF THE INTERNATIONAL PRIVATE SEWAGE

> DREAM HOME DESIGNS LE 1/4" = 1"-0" UNO

A NEW DUPLEX FOR POOVIN PILLAY 2317 PEACHTREE STREET - KNOXVILLE, TENNESSEE

File # 9-C-20-SU

2018 IRC REQUIREMENTS TN-2020-0010

P322 1 & ELOOD DESISTANT MATERIALS

BUILDING MATERIALS AND INSTALLATION METHODS USED FOR FLOORING AND INTERIOR AND EXTERIOR WALLS AND WALL COVERINGS BELOW THE ELEVATION REQUIRED IN SECTION R222.2 OR 9322-3 SHALL BE TROOD DAMAGE, RESISTANT MATERIALS THAT CONFORM TO THE PROVISIONS OF FEMA TB-2.

SEE: SECTION R322.2: FOR FLOOD HAZARD AREAS (INCLUDING A

R322.2.2 ENCLOSED AREA BELOW DESIGN FLOOD ELEVATION. ENCLOSED AREAS, INCLUDING CRAWL SPACES, THAT ARE BELOW THE DESIGN FLOOD ELEVATION SHALL:

- BE USED SOLELY FOR PARKING OF VEHICLES, BUILDING ACCESS OR STORAGE.
- BE PROVIDED WITH FLOOD OPENINGS THAT MEET THE OWING CRITERIA AND ARE INSTALLED IN ACCORDANCE WITH SECTION R322 2.2 LISECTIONS 2.1 THROUGH 2.3

9322 2 2 1 EOR INSTALL ATION OF OPENINGS R322.2.3 FOUNDATION DESIGN AND CONSTRUCTION. 8322 2 4 TANKS

REFER TO SECTION R322.3 FOR COASTAL HIGH HAZARD AREAS INCLUDING V ZONES AND COASTAL A ZONES. WHERE DESIGNATEDS INCLUDING

R322.3.2 ELEVATION REQUIREMENTS R322 3 3 FOUNDATIONS R322.3.4 CONCRETE SLABS R122 3 S WALLS RELOW DESIGN ELOOD ELEVATION R322 J. E ENCLOSED AREAS BELOW DESIGN FLOOD ELEVATION R322 3 7 STAIRWAYS AND RAMPS

R322.3.8 DECKS AND PORCHES R322.3.9 CONSTRUCTION DOCUMENTS

PAGES A LOCATION AND SITE PREPARATION

R322 1.8 FLOOD-RESISTANT MATERIALS.

BUILDING MATERIALS AND INSTALLATION METHODS USED FOR FLOORING AND INTERIOR AND EXTERIOR WALLS AND WALL COVERINGS BELOW THE ELEVATION REQUIRED IN SECTION R322.2 OR ROSES & CHALL BE FLOOD DAMAGE. RESISTANT MATERIALS THAT CONFORM TO THE PROVISIONS OF FEMATE 2.

SEE SECTION R322.2 FOR FLOOD HAZARD AREAS (INCLUDING A ZONESS

R322.2.2 ENCLOSED AREA BELOW DESIGN FLOOD ELEVATION. ENDLOSED AREAS. INCLUDING CRAWL SPACES, THAT ARE BELOW THE DESIGN FLOOD ELEVATION SHALL

- BE USED SOLELY FOR PARKING OF VEHICLES, BUILDING ACCESS OR STORAGE.
- BE PROVIDED WITH FLOOD OPENINGS THAT MEET THE ORITERIA AND ARE INSTALLED IN ACCORDANCE WITH SECTION R322 2.2.1 SECTIONS 2.1 THROUGH 2.3.

-R322.2.2.1 FOR INSTALLATION OF OPENINGS. R322.2.3 FOUNDATION DESIGN AND CONSTRUCTION R322.2.4 TANKS

B322.3 (LOCATION AND SITE PREPARATION

REFER TO SECTION R322.3 FOR COASTAL HIGH-HAZARD AREAS INCLUDING V ZONES AND COASTAL A ZONES. WHERE

R322.3.2 ELEVATION REQUIREMENTS D122 2 3 EQUINDATIONS R322.3.4 CONCRETE SLABS R322.3.5 WALLS RELOW DESIGN FLOOD ELEVATION R322.3.6 ENCLOSED AREAS BELOW DESIGN FLOOD ELEVATION. R322.3.7 STAIRWAYS AND RAMPS R322.3.8 DECKS AND PORCHES R322 1.9 CONSTRUCTION DOCUMENTS

SECTION R323 STORM SHELTERS

R323.1 GENERAL.
THIS SECTION APPLIES TO STORM SHELTERS WHERE CONSTRUCTED AS SUPPRIATE DETACLED DUILDINGS OR WHERE CONSTRUCTED AS SUPPRIATE DETACLED DUILDINGS OR WHERE PURPOSE OF PROVIDING REFUGE FROM STORMS THAT PRODUCE HIGH WINDS, SUCH AS TORNADOS AND HURRICANES. IN ADDITION TO OTHER APPLICABLE REQUIREMENTS IN THIS CODE, STORM SHELTERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ICCNSSA-600

SECTION R326

SWIMMING POOLS, SPAS AND HOT TUBS

THE DESIGN AND CONSTRUCTION OF POOLS AND SPAS SHALL

CHAPTER 4 :: FOUNDATIONS

SECTION R401 GENERAL

FOUNDATION CONSTRUCTION SHALL BE CAPABLE OF ACCOMMODATING ALL LOADS IN ACCORDANCE WITH SECTION ROOF AND OF TRANSMITTING THE RESULTING LOADS TO THE SUPPORTING SOIL. FILL SOILS THAT SUPPORT FOOTINGS AND FOUNDATIONS SHALL BE DESIGNED, INSTALLED AND TESTED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE

R401 3 DRAINAGE

SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER APPROVED POINT OF COLLECTION THAT DOES NOT CREATE A HAZARD, LOTS SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS, THE GRADE SHALL FALL NOT FEWER THAN 8 INCHES (152 MM) WITHIN THE

NOTE SEE SECTION 8401 3 FOR EXCEPTIONS

R401.4 SOIL TESTS

WHERE QUANTIFIANCE DATA CREATED BY ACCIPTED SOIL SCIENCE METHODOLOGIES INDICATE EXPANSIVE SOILS, COMPRESSIBLE SOILS, SHIFTING SOILS, OR OTHER QUESTIONABLE SOIL CHARACTERISTICS ARE LIKELY TO BE PRESENT. THE BUILDING OFFICIAL SHALL DETERMINE WHETHER TO REQUIRE A SOIL TEST TO DETERMINE THE SOIL'S CHARACTERISTICS AT A PARTICULAR LOCATION, THIS TEST SHALL BE DONE BY AN APPROVED AGENCY USING AN APPROVED METHOD.

SECTION R402 MATERIALS

WOOD FOUNDATION SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE.

RAMP 1 1 FASTENERS

ENERS USED BELOW GRADE TO ATTACH PLYWOOD TO THE EXTERIOR SIDE OF EXTERIOR BASEMENT OR CRAWLSPACE WALL STUDS OF EASTENERS USED IN INJECT WALL CONSTRUCTION HALL BE OF TYPE 304 OR 316 STAINLESS STEEL FASTENERS USED ABOVE GRADE TO ATTACH PLYWOOD AND ALL LUMBER-TOLUMBER FASTENERS EXCEPT THOSE USED IN KNEE WALL CONSTRUCTION SHALL BE OF TYPE 304 OR 316 STAINLESS STEEL SILICON BRONZE, COPPER, HOT DIPPED GALVANIZED (ZINC CONTENT STEEL WAILS OF NOT THINK EN GRIVENITED (THIC COATED) STEEL NAILS: ELECTRO-GALVANIZED STEEL NAILS AND GALVANIZED (ZINC COATED) STEEL STAPLES SHALL NOT BE

R402.1.2 WOOD TREATMENT.

LUMBER AND PLYWOOD SHALL BE PRESSURE PRESERVATIVE TREATED AND DRIED AFTER TREATMENT IN ACCORDANCE WITH AWPA U1 (COMMODITY SPECIFICATION A, SPECIAL REQUIREMENT 4.21 AND SHALL BEAR THE LABEL OF AN ACCREDITED AGENCY WHERE LUMBER OR PLYWOOD IS OUT OR ORILLED AFTER TREATMENT. THE TREATED SURFACE SHALL BE FIELD TREATED WITH COPPER NAPHTHENATE, THE CONCENTRATION OF WHICH SHALL CONTAIN NOT LESS THAN 2 PERCENT COPPER METAL BY REPEATED BRUSHING, DIPPING OR SOAKING UNTIL THE WOOD.

R402.2 CONCRETE. CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE RAD22 CONCRETE:
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE
STRENDTH OF P.SC. AS SHOWN IN TABLE RAD2.2. CONCRETE
SUBJECT TO MODERATE OR SEVERE WEATHERING AS MOICATED
IN TABLE RAD (2)() SHALL BE ARE ENTRAINED AS SPECIFIED IN
TABLE RAD2.2. THE MAXIMUM WEIGHT OF PLY ASH, OTHER
POZZOLAAN, SULCE PLUME, SUAC OR BLENDED COMENTS THAT IS POZZCIANS, SILICA PUME, SUAD ON BUSINDED CEMENTS THAT IS INCLUDED IN CONCRETE MIXTURES FOR GARAGE FLOOR GLARGE NUMBER OF THE PROPERTY OF THE ARDS LISTED IN CHAPTERS

SECTION 403 FOOTINGS

RADD.1 GENERAL

R403.1.1 MINIMUM SIZE.
THE MINIMUM WIDTH. W. AND THICKNESS. T. FOR CONCRETE FOOTINGS SHALL BE IN ACCORDANCE WITH TABLES R403.1(1) THROUGH R403.1(3) AND FIGURE R403.1(1) TO R403.1 2. AS APPLICABLE. THE FOOTING WIDTH SHALL BE BASED ON THE APPLICABLE. THE FOOTING WID IN SHALL BE BROSED VOT VI-LOAD BEARING VALUE OF THE SOIL, IN ACCOPRANCE WITH TABLE RIGHT, FOOTING PROJECTIONS, P. SHALL BE NOT LESS THAN 2 WICHES (SI MM) AND SHALL NOT EXCEED THE THICKNESS OF THE FOOTING, FOOTING THICKNESS AND PROJECTION FOR FOUTING THICKNESS AND PROJECTION FOR FIREPLACES SHALL BE IM NECOFDANCE WITH SECTION R1001.2. THE SIZE OF POOTINGS SUPPORTING PIERS AND COLUMNS SHALL BE BASED OF THE TRIBUTARY LODA AND ALLOWAGEL SOIL PRESSURE IN ACCORDANCE WITH TABLE RR01 a 1. FOOTINGS FOR WOOD POUNDATIONS SHALL BE WITH CORD WITH THE DETAILS SET FORTH IN SECTION R403.2 AND FIGURES R403 11. SE N ACCORDANCE WITH THE DETAILS SET FORTH IN SECTION R403.4, TABLE R403.4, AND FIGURES R403.4(1) AND R403.4(2).

REFER TO THESE SECTIONS FOR THE FOLLOWING TOPICS.
-RASS,1.2 CONTINUOUS FOOTING IN SEISMIC DESIGN CATEGORIES R403.1.3 FOOTING AND STEM WALL REINFORCING IN SEISMIC DESIGN CATEGORIES DO. 01. AND 02.

R003.1.34 INTERIOR BEARING AND BRACED WALL PANEL
FOOTINGS IN SISIANC DISCONDISCREDED, 01 AND 02.

R403.1.35 REINFORCEMENT.
R403.1.36 ROUATED CONCRETE FOOTINGS.

R403.1.4 MINIMUM DEPTH EXTERIOR FOOTHOSS SHALL BE PLACED NOT LESS THAN 12 INCHES (306 MM) BELOW THE UNDISTURBED GROUND SURFACE. WHERE APPLICABLE, THE DEPTH OF FOOTHOSS SHALL ALSO CONFORM TO SECTIONS R403.1.4.1 THROUGH

R403.1.4.1 FROST PROTECTION. EXCEPT WHERE OTHERWISE PROTECTED FROM PROST.

EACHT WHERE CHERNISH PROTECTED FROM PROST, FOUNDATION WALLS, PIE STAND CHIEF PIPMANENT SUPPORT OF BUILDINGS AND STRUCTURES SHALL BE PROTECTED FROM FROST BY ONE OF MORE OF THE FOLLOWING METHODS: 1. EXTENDED BELOW THE FROST LINE SPECIFIED IN TABLE

R3012 (1)
CONSTRUCTED IN ACCORDANCE WITH SECTION R403.3.
CONSTRUCTED IN ACCORDANCE WITH ASCE 32. ERECTED NO SOUD BOCK

FOOTINGS SHALL NOT BEAR ON FROZEN SOIL UNLESS THE FROZEN CONDITION IS PERMANENT.

NOTE: SEE SECTION R400 14 1 FOR EXCEPTIONS

R#24.5 SLOPE.
THE TOP SURFACE OF POOTINGS SHALL BE LEVEL THE BOTTOM SURFACE OF FOOTINGS SHALL NOT HAVE A SLOPE EXCEEDING ONLY DAY THE PROTECTION OF SURFACE AND EXCEEDING ONLY OF THE PROTECTION OF SHALL BE STEPPED WHERE IT IS NECESSARY. FOOTINGS OR WHERE THE SLOPE OF THE BOTTOM SURFACE OF

R493.1.6 FOUNDATION ANCHORAGE.
WOOD SILL PLATES AND WOOD WALLS SUPPORTED DIRECTLY ON CONTINUOUS FOUNDATIONS SHALL BE ANCHORED TO THE FOUNDATION IN ACCORDANCE WITH THIS SECTION.

COLD-FORMED STEEL FRAMING SHALL BE ANCHORED DIRECTI TO THE FOUNDATION OR FASTENED TO WOOD SILL PLATES IN ACCORDANCE WITH SECTION RS05.3.1 OR R603.3.1, AS APPLICABLE, WOOD SILL PLATES SUPPORTING COLD-FO STEEL FRAMING SHALL BE ANCHORED TO THE FOUNDATION IN ACCORDANCE WITH THIS SECTION

WOOD SOLE PLATES AT ALL EXTERIOR WALLS ON MONOLITHIC SLASS, WOOD SOLE PLATES OF BRACED WALL PANELS AT BUILDING INTERIORS ON MONOLITHIC SLASS AND ALL WOOD SILL PLATES SHALL BE ANCHORED TO THE FOUNDATION WITH MINIMUM 1/2-INCH DIAMETER (12.7 MM) ANCHOR BOLTS SPACED NOT GREATER THAN 6 FEET (1929 MM) ON CENTER OR APPROVED ANCHORS OR ANCHOR STRAPS SPACED AS REQUIRED TO PROVIDE EQUIVALENT ANCHORAGE TO 112-INCH-DIAMETER (12.7 MM) ANCHOR BOLTS BOLTS SHALL EXTEND NOT LESS THA INCHES (178 MM) INTO CONCRETE OR GROUTED CELLS OF CONCRETE MASONRY UNITS. THE BOLTS SHALL BE LOCATED IN THE MIDDLE THIRD OF THE WIDTH OF THE PLATE, A NUT AND SHALL BE NOT FEWER THAN TWO BOLTS PER PLATE SECTION WITH SHALL BE NOT FEWER THAN TWO BOLTS PER PLATE SECTION WITH ONE BOLT LOCATED NOT MORE THAN 12 INCHES (308 MM) OR LESS THAN SEVEN BOLT DIAMETERS FROM BLOCK END OF THE PLATE SECTION. INTERIOR BEARING WALL SOLE PLATES ON MONOLITHIC SLAB FOUNDATION THAT ARE NOT PART OF A BRACED WALL PANEL SHALL BE POSITIVELY ANCHORED WITH APPROVED FASTENERS, SILL PLATES AND SOLE PLATES SHALL BE WHERE REQUIRED BY SECTIONS R317 AND R318

NOTE: SEE SECTION 403.1.6 FOR EXCEPTIONS

R103.1.8.1 FOUNDATION ANCHORAGE IN SEISMIC DESIGN CATEGORIES C DO D1 AND D2

CATEGORIES C. D. 01 AMD 02.

IN ADDITION TO THE REQUIREMENTS OF SECTION R403.1.6, THE FOLLOWING REQUIREMENTS SHALL APPLY TO WOOD LIGHT-FRAME STRUCTURIES IN SEISMIC DESIGN CATEGORIES DB. D1 AND 02 AND WOOD LIGHT-FRAME TOWNHOUSES IN SEISMIC DESIGN CAT. C.

NOTE: SEE SECTION 403.1.6.1 FOR REQUIREMENTS

RADS 1.7 FOOTINGS ON OR AD JACENT TO SLOPES

HE PLACEMENT OF BUILDINGS AND STRUCTURES ON OR THREE UNITS HORIZONTAL (33.3 PERCENT SLOPE) SHALL CONFORM TO SECTIONS 8403.1.7.1 THROUGH R403.1.7.4

R403 1.8 FOUNDATIONS ON EXPANSIVE SOILS FOUNDATION AND FLOOR SLABS FOR BUILDINGS LOCATED ON EXPANSIVE SOILS SHALL BE DESIGNED IN ACCORDANCE WITH

NOTE: SEE SECTION 403.1.8 FOR EXCEPTION AND EXPANSIVE

R403.2 FOOTINGS FOR WOOD FOUNDATIONS, FOOTINGS FOR WOOD FOUNDATIONS SHALL BE IN ACCORDANCE WITH FIGURES DATA 1(2) AND GATA 1(3) COAME, THAIL BE WAND WELL GRADED. THE MAXIMUM SIZE STONE SHALL NOT EXCEED 34 INCH 19.1 MM; GRAVEL SHALL BE FREE FROM SMALLER THAN 1/16-INCH () & MM) GRAINS AND SHALL BE FREE FROM ORGANIC, CLAYEY OR SILTY SOILS, CRUSHED STONE SHALL HAVE A MAXIMUM SIZE OF 1/2 (NCH (12.7 MM)

R403.3 FROST-PROTECTED SHALLOW FOUNDATIONS. FOR BUILDINGS WHERE THE MONTHLY MEAN TEMPERATURE OF NGS ARE NOT REQUIRED TO EXTEND BELOW THE FROST LINE WHERE PROTECTED FROM FROST BY INSULATION IN ACCORDANCE WITH FIGURE R403.3(1) AND TABLE R403.3(1) FIGURE R403.3(1) AND TABLE R403.3(1) SHALL NOT BE USED FOR CARAGUS AND CARPORTS, AND SHALL NOT BE ATTACHED TO BASEMENTS OR CRAWL SPACES THAT ARE NOT MANTANED AT A MINIMUM MONTHLY MEAN TEMPERATURE OF SAPE (18°C).

REFER TO SECTION 400 FOR THE FOLLOWING AREAS:

-R403.3 1 FOUNDATIONS ADJOINING FROST-PROTECTED SHALLOW FOUNDATIONS
R403.3.2 PROTECTION OF HORIZONTAL INSULATION BELOW

R403.4 FOOTINGS FOR PRECAST CONCRETE FOUNDATIONS. COMPLY WITH SECTION R403.4.

SECTION 404 FOUNDATION AND RETAINING WALLS

R404 1 CONCRETE AND MASONRY FOUNDATION WALLS

AND DESIGN CRITERIA FOR CONCRETE AND MASONRY

R464.2 WOOD FOUNDATION WALLS. REFER TO SECTION 404.2 FOR FURTHER SPECIFICATIONS, NOTES AND DESIGN CRITICIPAL FOR WOOD FOUNDATION WALLS.

-R403.3.3 DRAINAGE.

RADA S A TERMITE PROTECTION

WOOD SILL PLATES SHALL BE NOT LESS THAN 2-INCH BY 4-INCH (51 MM BY 102 MM; NOMINAL LUMBER, SILL PLATE ANCHORAGE SHALL BE IN ACCORDANCE WITH SECTIONS R403.1.6 AND R602.11.

R464.4 RETAINING WALLS.

RETAINING WALLS THAT ARE NOT LATERALLY SUPPORTED AT THE

TOP AND THAT RETAIN IN EXCESS OF 48 INCHES (1219 MM) OF

UNBALANCED FILL OR RETAINING WALLS EXCEEDING 24 INCHES

(IND MM) IN HEIGHT THAT RESOT LATERAL LOADS IN ADDITION TO

SOIL, SHALL BE DESIGNED IN ACCORDANCE WITH ACCEPTED. ENGINEERING PRACTICE TO ENSURE STABILITY AGAINST NG. SLIDING, EXCESSIVE FOUNDATION PRE WATER LIPLIET RETAINING WALLS SHALL BE DESIGNED FOR A FT. RETAINING THE STATE OF THE STATE OF THE SECTION SHALL NOT APPLY TO FOUNDATION.

R404.5 PRECAST CONCRETE FOUNDATION WALLS

REFER TO SECTION 464.6 FOR FURTHER SPECIFICATIONS, NOTES AND DESIGN CRITERIA FOR PRECAST CONCRETE FOUNDATION

SECTION R405 FOUNDATION DRAINAGE

R405.1 CONCRETE OR MASONRY FOUNDATIONS.

DRAINS SHALL BE PROVIDED AROUND CONCRETE OR MASONRY
COMPARISHALL BE PROVIDED AROUND CONCRETE OR MASONRY
COMPARISHED THAT HELAN EARTH AND ENCLOSE HAUITABLE D
USABLE SPACES LOCATED BELOW GRADE DRAINAGE TILES.

BANKEL OR CHICAGE TO THE THAT THE THAT THE TILES. GRAVEL OR CRUSHED STONE DRAINS, PERFORATED PIPE OR OTHER APPROVED SYSTEMS OR MATERIALS SHALL BE INSTALLED AT OR BELOW THE TOP OF THE FOOTING OR BELOW THE BOTTOM OF THE SLAB AND SHALL DISICHARGE BY GRAVITY OR MECHANICAL MEANS INTO AN APPROVED DRAINAGE SYSTEM GRAVEL O CRUSHED STONE DRAINS SHALL EXTEND NOT LESS THAN 1 FOOT (305 MM) BEYOND THE OUTSIDE EDGE OF THE FOOTING AND 6 INCHES (152 MM) ABOVE THE TOP OF THE FOOTING AND BE COVERED WITH AN APPROVED FILTER MEMBRANE MATERIAL. THE TOP OF OPEN JOINTS OF DRAIN TILES SHALL BE PROTECTED WITH STRIPS OF BUILDING PAPER, EXCEPT WHERE OTHERWISE RECOMMENDED BY THE DRAIN MANUFACTURER, PERFORATED DUNDED WITH AN APP MEMBRANE OR THE FILTER MEMBRANE SHALL COVER THE WASHED GRAVEL OR CRUSHED ROCK COVERING THE DRAIN. DRAINAGE TILES OR PERFORATED PIPE SHALL BE PLACED ON NOT LESS THAN 2 INCHES (51 MM) OF WASHED GRAVEL OR CRU ROCK NOT LESS THAN ONE SIEVE SIZE LARGER THAN THE TILE JOINT OPENING OR PERFORATION AND COVERED WITH NOT LESS THAN 6 INCHES (152 MM) OF THE SAME MATERIAL.

REFER TO SECTION 405 FOR FURTHER SPECIFICATIONS. NOTES AND DESIGN CRITERIA FOR PRECAST CONCRETE FOUNDATION

SECTION R406 FOUNDATION WATER PROOFING AND DAMP PROOFING

REFER TO SECTION 406 FOR FURTHER SPECIFICATIONS, NOTES AND DESIGN CRITERIA FOR WATER-PROOFING AND DAMP PROOFING FOUNDATIONS INCLUDING THE FOLLOWING AREAS:

R406.1 CONCRETE AND MASONRY FOUNDATION DAMPPROOFING. R496.2 CONCRETE AND MASONRY FOUNDATION

RADES 2 CONCRETE AND MASCHEST S GUINDATION WATERSPROOFING.
R406.3 DAMPPROOFING FOR WOOD FOUNDATIONS.
R406.4 PRECAST CONCRETE FOUNDATION SYSTEM

SECTION RANZ COLUMNS

REFER TO SECTION 487 FOR FURTHER SPECIFICATIONS, NOTES AREAS

R407.1 WOOD COLUMN PROTECTION. R407.2 STEEL COLUMN PROTECTION. R407.3 STRUCTURAL REQUIREMENTS.

SECTION R408 UNDER-FLOOR SPACE

REFER TO SECTION 408 FOR FURTHER SPECIFICATIONS, NOTES FOLLOWING AREA

> RAGE 1 VENTILATION. R408.2 OPENINGS FOR UNDER-FLOOR VENTILATION. R408.3 UN-VENTED CRAWL SPACE. R408.4 ACCESS R408 5 REMOVAL OF DEBRIS RIGHT FLOOD RESISTANCE

CHAPTER 5 :: FLOORS

SECTION R501 GENERAL

RS01.1 APPLICATION.

THE PROVISIONS OF THIS CHAPTER SHALL CONTROL THE DESIGN AND CONSTRUCTION OF THE FLOORS FOR BUILDINGS, INCLUDING THE FLOORS OF ATTIC SPACES USED TO HOUSE MECHANICAL OR PLUMENS FIXTURES AND EQUIPMENT.

RS01.2 REQUIREMENTS.

RB012 REQUIREMENTS.
FLODIE CONSTRUCTION SHALL BE CAPABLE OF ACCOMMODATING
ALL LOADS IN ACCORDANCE WITH SECTION R301 AND OF
TRANSMITTING THE RESULTING LOADS TO THE SUPPORTING

SECTION R502 WOOD FLOOR FRAMING

R507.1 GENERAL

WOOD AND WOOD BASED PRODUCTS USED FOR LOAD-SUPPORTING PURPOSES SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THIS SECTION SEE SECTION DNS 502.1.1 THROUGH 502 1.7 FOR FURTHER SPECIFICATIONS.

RS02 2 OLISION AND CONSTRUCTION.
FLOORS SHALL BE DESIGNED AND CONSTRUCTED IN
ACCORDANCE WITH THE PROVISIONS OF THIS CHAPTER, FIGURE R502 2 AND SECTIONS R317 AND R318 OR IN ACCORDANCE WITH ANSI AWC NOS. SEE SECTIONS 502.2 1 THROUGH 502.2.2 FOR

R502.3 ALLOWABLE JOIST SPANS.
SPANS FOR FLOOR JOISTS SMALL BE IN ACCORDANCE WITH SPECIES AND FOR OTHER LOADING CONDITIONS, REFER TO THE AWC STUR. SEE SECTIONS 602.3.1 THROUGH 502.3.3 FOR FURTHER

8502 4 JOISTS UNDER BEARING PARTITIONS

RIGIZA JOINTS WINDER BERNAM PARTITIONS GRALL BE OF ADEQUARE SIZE TO SUPPORT THE LOAD DOUBLE JOINTS, SIZED TO ADEQUARE SIZE TO SUPPORT THE LOAD DOUBLE JOINTS, SIZED TO ADEQUARELY SUPPORT THE LOAD, THAT ARE SEPARATED TO PERMIT THE INSTALLATION OF PIPING OR VIRTS SHALL BE FULL DEPTH SOULD BECKED WITH LUNBER HOT LESS THALL INCHES (3) MM) IN NOMINAL THICKNESS SPACED NOT MORE THAN A FEET (1219 MM) ON CENTER, BEARING PARTITIONS PERPENDICULAR TO JOISTS SHALL NOT BE OFFSET FROM SUPPORTING GIRDERS, WALLS OR PARTITIONS MORE THAN THE JOIST DEPTH UNLESS SUCH JOISTS ARE OF SUFFICIENT SIZE TO CARRY THE ADDITIONAL LOAD

R502.5 ALLOWABLE GROER AND HEADER SPANS.
THE ALLOWABLE SPANS OF GROERS AND HEADERS FABRICATED
OF DIMENSION LUMBER SHALL NOT EXCEED THE VALUES SET
FORTH IN TABLES PR02.7(1), R802.7(2) AND R802.7(3).

R502.6 BEARING.

HE ENDS OF EACH JORST BEAM OR GIRDER SHALL HAVE NOT LESS THAN 1 1/2 NICHES (38 MM) OF BEARING ON WOOD OR METAL. NOT LESS THAN 3 INCHES (76 MM) OF BEARING ON MASONRY OR CONCRETERS BE SUPPORTED BY APPROVED JOIST HANGERS
ALTERNATIVELY, THE BHDS OF JOISTS SHALL BE SUPPORTED ONLY
INCHEST SHOULD JOINT HANGERS
NAILED TO THE ADJACENT STUD. THE BEARING ON MASONRY OR CONCRETE SHALL BE DIRECT, OR A SILL PLATE OF 2-INCH-MINIMUM (61 mm) NOMINAL THICKNESS SHALL BE PROVIDED UNDER THE DIST, BEAM OR GIRDER. THE SILL PLATE SHALL PROVIDE A MINIMUM NOMINAL REARING AREA OF AS SOLIARE INCHES (30 9/5) MM2). SEE SECTIONS 602.6.1 THROUGH 502.6.2 FOR FURTHER

REFER TO THE IRC FOR FURTHER INFORMATION ON THE

A502.7 LATERAL RESTRAINT AT SUPPORTS. -R502 8 CUTTING DRILLING AND NOTCHING RS02.9 FASTENING. RS02 10 FRAMING OF OPENINGS R502.11 WOOD TRUSSES, R502.12 DRAFTSTOPPING REQUIRED. R502.13 FIREBLOCKING REQUIRED.

REFER TO THE IRC FOR THE FOLLOWING SECTIONS:

SECTION 503 FLOOR SHEATHING SECTION 504 PRESSURE PRESERVATIVE TREATED WOOD FLOORS SECTION 505 COLD FORMED STEEL FLOOR FRAMING

SECTION R506 CONCRETE FLOORS (ON GROUND)

R506.1 GENERAL

CONCRETE SLAB ON GROUND FLOORS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF THIS SECTION OF ACLUSE FLOORS SHALL BE A MINIMUM 3 12 INCHES (89 MM) THICK (FOR EXPANSIVE SOILS, SEE SECTION RAD3.1.5). THE SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE SHALL BE AS SET FORTH IN SECTION R402.2.

R506.2 SITE PREPARATION. THE AREA WITHIN THE POUNDATION WALLS SHALL HAVE ALL VEGETATION, TOP SOIL AND FOREIGN MATERIAL REMOVED

R506.2.1 FILL.
FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN
MATERIAL. THE FILL SHALL BE COMPACTED TO ENSURE UNIFORM
SUPPORT OF THE SLAE, AND EXCEPT WHERE APPROVED, THE FILL. DEPTHS SHALL NOT EXCEED 24 INCHES (610 MM) FOR CLEAN SAND OR GRAVEL AND 8 INCHES (203 MM) FOR EARTH

DREAM HOME DESIGNS

A NEW DUPLEX FOR POOVIN PILLAY

2317 PEACHTREE STREET - KNOXVILLE, TENNESSEE 2018 IRC REQUIREMENTS

A 4-NO4-THICK (102 MM) BASE COURSE CONSISTING OF CLEAN GRADED SAND, GRAVEL, CRUSHED STONE, CRUSHED CONCRETE OR CRUSHED BLAST FURNACE SLAG PASSING A 2-INCH (61 MM) SIEVE SHALL BE PLACED ON THE PREPARED SUBGRADE WHERE THE SLAB IS BELOW GRADE

NOTE SEE SECTION WO 21 FOR EXCEPTION

R596.2.3 VAPOR RETARDER.
A 6 MIL, 9 508 NOCH. 162 MM POLVETHYLENS OR APPROVED VAPOR
RETARDER WITH JOINTS LIPPED NOT LESS THAN 6 INCHES (162
MM) SHALL BE PLICED BETWEEN THE CONCRETE FLOOR SLAB
AND THE BASE COURSE OR THE PREPARED SUBGRADE WHERE A
BASE COURSE DOES NOT EXIST.

NOTE: SEE SECTION 6506 2 3 FOR EXCEPTIONS

R396.2.4 REINFORCEMENT SUPPORT.
WHERE PROVIDED IN SLABS ON GROUND, REINFORCEMENT SHALL
BE SUPPORTED TO REMAIN IN PLACE FROM THE CENTER TO
UPPER ONE-THIRD OF THE SLAB FOR THE DURATION OF THE
CONCRETE PLACEMENT.

SECTION R507 DECKS

R507.1 DECK\$. WOOD-FRAMED DECKS SHALL BE IN ACCORDANCE WITH THIS. SECTION FOR DECKS USING MATERIALS AND CONDITIONS NOT PRESCRIBED IN THIS SECTIONS, REFER TO SECTION RIGHT

R507.2 MATERIALS.
MATERIALS USED FOR THE CONSTRUCTION OF DECKS SHALL
COMPLY WITH THIS SECTION.

R507.2.1 WOOD MATERIALS.

RESEZ 2 WOOD MATERIALS.

WOOD MATERIALS DAIL OF BO 2 GRADE OF BITTER LEADING MYOOD MATERIALS DAIL OF BO 2 GRADE OF BITTER LEADING MYOOD MATERIALS DAIL OF BO 3 GRADE OF BITTER LEADING MYOOD MYO

R397.2.1.1 ENGINEERED WOOD PRODUCTS. ENGINEERED WOOD PRODUCTS SHALL BE IN ACCORDANCE WITH SECTION R592.

R507.2.2 PLASTIC COMPOSITE DECK BOARDS, STAIR TREADS,

RS97.2 PLASTIC COMPOSITÉ DI CIR BOARDS, STAIR TRITADS, GUARDS, OR HANDRALES. PLASTIC COMPOSITE EXTERIOR DECK BOARDS, STAIR TREADS, GUARDS AND HANDRALES SHALL COMPLY WITH THE REQUIREMENTS OF ASTM D7022 AND SECTION RS07.5, SEE SECTIONS RS07.2.2.1 THROUGH BOY 2.2.5 AND SECTION RS07.2.3 THOUGHT RS07.2.5 FOR FURTHER SPECIFICATIONS.

RS07.2.3 FASTENERS AND CONNECTORS.
METAL FASTENERS AND CONNECTORS USED FOR ALL DECKS
SHALL BE IN ACCORDANCE WITH SECTION R317.3 AND TABLE
R607.2.3.

R597.3 FOOTINGS DEFER TO THE IRC FOR INFORMATION REGARDING FOOTINGS.

R507.4 DECK POSTS.
FOR SINGLE LEVEL WOOD FRAMED DECKS WITH BEAMS SIZED IN

ACCORDANCE WITH TABLE 8607.6. DECK POST SIZE SHALL BE IN ACCORDANCE WITH TABLE 8607.4.

R507.4.1 DECK POST TO FOOTING CONNECTION.
WHERE POSTS BEAR ON CONCRETE FOOTINGS IN ACCORDAN
WITH SECTION R403 AND FIGURE R507.4.1, LATERAL REISTRAIN SHALL BE PROVIDED BY MANUFACTURES

NOTE: SEE SECTION R507.4.1 FOR EXCEPTIONS

R507.5 DECK BEAMS

MAXIMUM ALLOWABLE SPANS FOR WOOD DECK BEAMS, AS SHOWN SPAN, DECK BEAMS OF OTHER MATERIALS SHALL BE PERMITTED WHERE DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES.

R507.7 DECKING.
MAXIMUM ALLOWABLE SPACING FOR JOISTS SUPPORTING MAXIMUM ALLOWABLE SPACING FOR JOISTS SUPPORTING DECKING SHALL BE HAZCORDING WITH THATE RESOTT. WOOD DECKING SHALL BE ATTACHED TO EACH SUPPORTING MEMBER WITH NOT LESS THAN TWO SO THREADED NAILS OR TWO NO. S WOOD SCHEME. OTHER APPROVED DECKING OF RASTEMER SYSTEMS SHALL BE INSTALLED IN JOCORDANICS WITH THE MANUFACTURES INSTALLED IN SEQUILIBRIES.

R367.8 VERTICAL AND LATERAL SUPPORTS.
WHERE SUPPORTED BY ATTACHMENT TO AN EXTERIOR WALL
DECKS SHALL BE POSITIVELY ANGEORIES TO THE PRIMARY
STRUCTURE AND DESIGNED FOR BOTH VERTICAL AND LATERAL LOADS, SUCH ATTACHMENT SHALL NOT BE ACCOMPLISHED BY THE USE OF TOENALS OR NALS SUBJECT TO WITHDRAWAL, FOR DECKS WITH CANTILEVERED FRAMING MEMBERS, CONNECTION TO EXTERIOR WALLS OR OTHER FRAMING MEMBERS SHALL BE EXTENSIVE WALLS ON OTHER PRANSING MEMBERS SHALL BE DESIGNED AND CONSTRUCTED TO RESIST URLET RESULTING FROM THE FULL LIVE (AND SPECIFIED IN TABLE RIGHTS AT THE CANTILEVERED PORTION OF THE DECK. WHERE POSITIVE CONNECTION TO THE PRIMARY BUILDING STRUCTURE CANNOT BE VERIFIED DURING INSPECTION. DECKS SHALL BE SELF-SUPPORTION.

RS67 & 1 DECK POST TO DECK FOOTING

NOW, AT DECK POST TO DECK POOTING.
POSTS SHALL BEAR ON FOOTINGS IN ACCORDANCE WITH SECTION
RADS AND FIGURE RAD? B. I. POSTS SHALL BE RESTRAINED TO
PREVENT LATERAL DISPLACEMENT AT THE BOTTOM SUPPORT,
SUCH LATERAL RESTRAINT SHALL BE PROVIDED BY WANTE ATTEMPT OF THE MANUFACTURERS IN ACCORDANCE WITH SECTION ROOT AND THE MANUFACTURERS (INSTRUCTIONS OR A MINIMUM POST EMBEDMENT OF 12 INCHES (305 MM) IN SURROUNDING SOILS ON CONCRETE PIERD.

CHAPTER 6 :: WALL CONSTRUCTION

SECTION RE01 GENERAL

REST 1 APPLICATION

ONS OF THIS CHAPTER SHALL CONTROL THE DESIGN AND CONSTRUCTION OF WALLS AND PARTITIONS FOR BUILDINGS.

NGD1.2 REQUIREMENTS
WALL CONSTRUCTION SHALL BE CAPABLE OF ACCOMMODATION ALL LOADS IMPOSED IN ACCORDANCE WITH SECTION R301 AND OF TRANSMITTING THE RESULTING LOADS TO THE SUPPORTING STRUCTURAL ELEMENTS.

SECTION R602 WOOD WALL FRAMING

R602 1 GENERAL

SUPPORTING PURPOSES SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THIS SECTION. SEE SECTIONS 602.6.1 THROUGH

RR02.2 GRADE, STUDS SHALL BE A MINIMUM NO. 5, STANDARD OR

NOTE, SEE SECTION 508.2.2 FOR EXCEPTION

R8023 DESIGN AND CONSTRUCTION.
EXTERIOR WALLS OF WOODFRAME CONSTRUCTION SHALL BE
DESIGNED AND CONSTRUCTED WACCORDANCE WITH THE
PROVISIONS OF THIS CHAPTER AND FIGURES R802.3(1), AND
R802.3(2), OR ANCORDANCE WITH ANCOND COMPONENTS OF EXTERIOR WALLS SHALL BE FASTENED IN ACCORDANCE WITH TABLES REQ2 3(1) THROUGH REQ2 3(4) WALL SHEATHING SHALL BE FASTENED DIRECTLY TO FRAMING MEMBERS AND, WHERE PLACED

ON THE EXTERIOR SIDE OF AN EXTERIOR WALL SHALL BE CAPABLE OF RESISTING THE WIND PRESSURES LISTED IN TABLE R301 2(2) ADJUSTED FOR HEIGHT AND EXPOSURE USING TABLE RIGHT 2(2) ADJUSTED FOR HEIGHT AND EXPOSURE UNING TABLE FOR 1(2) AND SHALL CONF ON THE REQUIREMENTS OF TABLE RIGHT AND SHEATHING USED ONLY FOR EXTERIOR WALL COVERING WERPOSES SHALL COMPLY WITH SECTION RYD. STUDG SHALL BE CONTINUOUS FROM SUPPORT AT THE BOLE PLATE TO A SUPPORT AT THE TOP PLATE TO RESIST LOADS BE DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING

NOTE: SEE SECTION 505.2 3 FOR EXCEPTION

SEE SECTIONS 602.3.1 THROUGH 603.3.5 FOR FURTHER SPECIFICATIONS.

REFER TO THE IRC FOR FURTHER INFORMATION ON THE

R802.4 INTERIOR LOAD-BEARING WALLS. R802.5 INTERIOR NONBEARING WALLS. R802.4 DRILLING AND NOTCHING OF STUDS. R802.7 HEADERS. R802.5 PIREBLOCKING REQUIRED. R802.5 CRIPPLE WALLS.

R602.10 WALL BRACING R60210 WALL BRACING.

BUILDINGS SHALL BE BRACED IN ACCORDANCE WITH THIS SECTION OR, WHEN APPLICABLE, SECTION R02.12 WHERE A BUILDING. OR PORTION THEREOF, DOES NOT COMMEY WITH ONE OR MORE OF THE BRACING REQUIREMENTS IN THIS SECTION. THOSE PORTIONS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH SECTION RD11.

REFER TO SECTIONS 602.10.1 THROUGH 602.10.12 FOR BRACED

REFER TO THE IRC FOR THE FOLLOWING

SECTION 603 COLD-FORMED STEEL WALL FRAMING

SECTEM 604 WOOD STRUCTURAL PARIL'S SECTION 605 PARTICLEBOARD SICTION 605 CFIN 605 CFIN 604 MASONITY CONSTRUCTION SECTION 605 CFIN 604 MASONITY SECTION 605 EXTERIOR CONC. WALL CONSTRUCTION SECTION 605 ISSEE BELOW! SECTION 605 STRUCTURAL INSULATED PANEL WALL CONSTRUCTION STRUCTURAL INSULATED PANEL WALL CONSTRUCTION.

SECTION R609 EXTERIOR WINDOWS AND DOORS.

R605.1 GENERAL

THE SIZE THAN PRECISIONES PAIN GRAMANIC, AND CORRESPONDED IN THE REQUIREMENTS FOR EXTENSION MANORS AND DOORS WHATLED AN INTALLED AND THE REPORT OF THE REPOR

SE CAPABLE OF RESISTING THE DESIGN WIND LOADS SPALL SE CAPABLE OF RESISTING THE DESIGN WIND LOADS SPECIFIED IN TABLE RIGHT SEA AND EXPOSURE IN ACCORDANCE WITH TABLE POWER TO AND EXPOSURE IN ACCORDANCE WITH TABLE R301 2(3) OR DETERMINED IN ACCORDANCE WITH ASCE 7 USING THE ALLOWABLE STRESS DESIGN LOAD COMBINATIONS OF ASCE 7. FOR EXTERIOR WINDOWS AND GOORS TESTED IN ACCORDANCE WITH SECTIONS REQUIRED DESIGN WIND PRESSURES DETERMINED FROM ASCE 7 USING THE ULTIMATE STRENGTH DESIGN (USD) ARE PERMITTED TO BE MULTIPLIED BY 0.0. DESIGN SMOOT LAND FOR EXTENDING LAND, WAT TWITT OF A LAND LAND AND ASSEMBLY DAMALE B PERMITTED TO BE DETERMINED IN ACCORDANCE WITH CHAPTER 24 OF THE IRC, DESIGN WHO LOADS FOR EXTERIOR GUALING NOT PART OF A LOBELD ASSEMBLY SHALL BE PERMITTED TO BE DETERMINED IN ACCORDANCE WITH CHAPTER 26 OF THE MEDITAL STATE OF A LOBELD ASSEMBLY SHALL BE PERMITTED TO BE DETERMINED IN ACCORDANCE WITH CHAPTER 24 OF THE INTERNATIONAL BUILDING CODE

RIDD 4 GARAGE DOORS
GARAGE DOORS SHALL BE TESTED IN ACCORDANCE WITH EITHER ASTM E330 OR ANSIDASMA 108, AND SHALL N ACCEPTANCE CRITERIA OF ANSIDASMA 108.

CHAPTER 7 :: INTERIOR COVERING

R702 1 GENERAL. INTERIOR COVERINGS OR WALL FINISHES SHALL BE INSTALLED IN ACCOMBANCE WITH THIS CHAPTER AND TAILLE R702 1(5), TABLE R702 1(2), TABLE R702 1(3) AND TABLE R702 3.5, INTERIOR MASONRY VENEER SHALL COMPLY WITH THE REQUIREMENTS OF SECTION R703.7 I FOR SUPPORT AND SECTION R703.7 4 FOR ANCHORAGE, EXCEPT AN AIRSPACE IS NOT REQUIRED. INTERIOR FINISHES AND MATERIALS SHALL COMPORM TO THE FLAME SPREAD AND SMOKE DEVELOPMENT REQUIREMENTS OF SECTION.

SEE SECTIONS 702.2 THROUGH 702.7 FOR FURTHER

SECTION D703 EXTEDIOD COVEDING

R703.1 GENERAL. EXTERIOR WALLS SHALL PROVIDE THE BUILDING WITH A WEATHER RESISTANT EXTERIOR WALL ENVELOPE. THE EXTERIOR WALL ENVELOPE SHALL INCLUDE PLASHING AS DESCRIBED IN SECTION R703.4

NZOLZ WATER-RESISTIVE (BARRIER).

ONE LAYER OF NO. 18 ASPHALT FELT. FREE FROM HOLES AND ONE LAYER OF NO. 19 ASPHALT FELT. FREE FROM HOLES AND OTHER ASPHALT OF THE THE TENT OF THE ASPHALT BE APPLIED. OF HER ASPHALT BE APPLIED. OVER STUDS OR SHEATHINS OF ALL EXTERIOR WALLS, NO. 15 ASPHALT FELT SHALL BE APPLIED HORIZONTALLY, WITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 NICHES. NUMES 51 MM), WHERE JOINTS OCCUR, FELT SHALL BE LAPPED NOT LESS.

Of MAIN WHERE SOUTH COUNT PLET THAN BE EMPHRED WITH THE WITH THE WITH PLET THE WITH PL

R703.3 3 FASTEMERS
ENTERIOR WALL COVERINGS AND ROOF OVERHAND SOFFITS
SHALL BE SECURELY FASTENED WITH ALLMINUM, GALVANIZED,
STANLESS STEEL OR RUST PREVENTATIVE CONTED MALS OR
STANLES IN SCORDANCE WITH TABLE R703.3/11 OR WITH OTHER
APPROVED CORPOSION. RESISTANT FASTENERS IN ACCORDINGE
WITH THE WALL COVERNIS MANUFACTURER'S INSTALLATION. WITH THE WALL DOVERNING MANUFACTURERS INSTALLATION
SETTEMPINE, MALE AND STRAILS DAVID, COMPAY WITH ACTIV
SECTEMPINE, MALE AND STRAILS DAVID, COMPAY WITH ACTIV
ROUGH PLASE WITH SMOOTH OF GEFORMED SHAWLS, STRAILS
SHALL HAME A MINING FOROW WOTH O'TH SMOOTH, STATE
WHILE WHERE PRESENDING, STRAILS OF FORM PLASTIC
SHEARTH SEATON OF USED MALE OF STRAILS SHALL
CHEEK INTO THE STUCK INHERE WOOD OR WOOD STRUCTURAL
CHEEK SHOW THE SHALL SHALL SHALL SHALL SHALL SHALL
STRAILS SHALL SHALL SHALL SHALL SHALL SHALL
STRAILS SHALL SHALL SHALL SHALL SHALL SHALL
SHALL SHALL SHALL SHALL SHALL SHALL SHALL
SHALL SHALL SHALL SHALL SHALL SHALL
SHALL SHALL SHALL SHALL SHALL
SHALL SHALL SHALL SHALL SHALL
SHALL SHALL SHALL
SHALL SHALL SHALL SHALL
SHALL SHALL
SHALL SHALL
SHALL SHALL
SHALL
SHALL SHALL
SHALL SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
SHALL
S STUDS UNLESS OTHERWISE PERMITTED TO BE SIDING SHEATHING IN ACCORDANCE WITH EITHER THE SIDING

R703 A FLASHING

VED CORROSION RESISTANT FLASHING SHALL BE APPLIED SHINGLE FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS.
SELF-ACHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. FUUD-APPLIED MEMBRANES USED AS FLASHING IN EXTERIOR WALLS SHALL COMPLY WITH AAMA 714, THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH. OD CORROSIONARESISTANT ELASHINGS SHALL DE NSTALLED AT THE FOLLOWING LOCATIONS

EXTERIOR WINDOW AND DOOR OPENINGS FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER DESIGNATIVE BARRIER COMPLYING WITH SECTION 703 2 FOR DESCRIENT DRAMAGE, MECHANICALLY ATTACHED FLEXIBLE FLASHINGS SHALL COMPLY WITH AAMA 712, FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL BE INSTALLED IN

REFER TO SECTION 1.1 THROUGH 1.3 FOR FURTHER

REFER TO THE IRC FOR FURTHER INFORMATION ON THE

B763.5 WOOD, HARDBOARD AND WOOD STRUCTURAL PANEL

-8763 6 WOOD SHAKES AND SHINGLES JOZES 7 EXTERIOR PLASTER -R703 FEATEROR PLASTER.
-R703 FEATEROR INSULATION AND FINISH SYSTEM (EIFS)/EIFS

WITH DRAINAGE R703.10 FIBER CEMENT SIDING

-R783.11 VINYL SIDING. -R763.12 ADHERED MASONRY VENEER INSTALLATION -R700 13 INSULATED VINYL SIDE

R703.14 POLYPROPYLENE SIDING. R703.15 CLADDING ATTACHMENT OVER FOAM SHEATHING TO

-R763.16 CLADDING ATTACHMENT OVER FOAM SHEATHING TO COLD-FORMED STEEL FRAMING. R703 17 CLADDING ATTACHMENT OVER FOAM SHEATHING TO

MASONRY OR CONCRETE WALL CONSTRUCTION CHAPTER 8 :: WOOD ROOF FRAMING

WOOD AND WOOD-BASED PRODUCTS USED FOR LOAD SUPPORTING PURPOSES SHALL CONFORM TO THE APPLICABLE NONE OF THIS SECTION

SEE SECTIONS 802 1.1 THROUGH 802 1.7 FOR FURTHER

R862 2 DESIGN AND CONSTRUCTION

THE FRAMINS DETAILS REQUIRED IN SECTION R802 APPLY TO ROOFS HAVING A MINIMUM SLOPE OF THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL (25 PERCENT SLOPE) OR GREATER IN ACCORDANCE WITH THE PROVISIONS OF THIS CHAPTER AND FIGURES R606 11/1), R606 11/2) AND R606 11/3) OR IN ACCORDANCE WITH AWO NOS, COMPONENTS OF ROOF-CEILINGS SHALL BE FASTENED IN ACCORDANCE WITH TABLE R802 3(1).

RAFTERS SHALL BE FRAMED NOT MORE THAN 1 1/2-INCHES (38 MM) OFFSET FROM EACH OTHER TO RIDGE BOARD OR DIRECTLY POSITE FROM EACH OTHER WITH A GUSSET PLATE AS A TIE. RIDGE BOARD SHALL BE NOT LESS THAN 1-INCH (25 MM) NOMINAL DAFTER AT VACUE VS AND HIPS THERE SHALL BY A VACUE YOR HIP RAFTERNOT LESS THAN 2-INCH (51 MM) NOMINAL THICKNESS AND NOT LESS IN DEPTH THAN THE CUT END OF THE RAFTER HIP AND VALLEY RAFTERS SHALL BE SUPPORTED AT THE RIDGE BY A BRACE TO A BEARING PARTITION OR BE DESIGNED TO CARRY AND DISTRIBUTE THE SPECIFIC LOAD AT THAT POINT, WHERE THE ROOF PITCH IS LESS THAN THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL (25-PERCENT SLOPE), STRUCTURAL MEMBERS THAT SUPPORT RAFTERS AND CEILING JOISTS, SUCH AS RIDGE REAMS. HIPS AND VALLEYS, SHALL BE DESIGNED AS BEAMS

BEFER TO THE IRC FOR FURTHER INFORMATION ON THE

DRIZ A ALL OWARLE CELLING JOIST SPANS. RB02 5 BEARING B802 7 CUTTING DRILLING AND NOTCHING R802.8 LATERAL SUPPORT. R802 S FRAMING OF OPENINGS

R802 10 WOOD TRUSSES

R892.19.1 TRUSS DESIGN DRAWINGS. TRUSS DESIGN DRAWINGS. PREPARED IN CONFORMANCE TO SECTION R802.10.1, SHALL BE PROVIDED TO THE BUILDING OFFICIAL AND APPROVED PRIOR TO INSTALLATION, TRUSS DESIGN DRAWINGS SHALL BE PROVIDED. WITH THE SHIPMENT OF TRUSSES DELIVERED TO THE JOB SITE TRUSS DESIGN DRAWINGS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING INFORMATION:

REFER TO SECTION 802 10.1 (1-12 FOR MINIMUM INFORMATION)

R802.10.2 DESIGN.

WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE. THE DESIGN AND MANUFACTURE OF METAL-PLATE-CONNECTED WOOD TRUSSES SHALL COMPLY WITH ANSI/TPL1. THE TRUSS DESIGN DRAWING: SHALL BE PREPARED BY A REGISTERED PROFESSIONAL WHERE REQUIRED BY THE STATUTES OF THE JURISDICTION IN WHICH THE PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH SECTION

R802 10.3 BRACING.

TRUSSES SHALL BE BRACED TO PREVENT ROTATION AND PROVIDE LATERAL STABILITY IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS FOR THE BUILDING AND ON THE INDIVIDUAL TRUSS DESIGN DRAWINGS. IN THE ABSENCE OF SPECIFIC BRACING REQUIREMENTS, TRUSSES SHALL BE BRACED IN ACCORDANCE WITH ACCEPTED INDUSTRY PRACTICE SUCH AS THE SRCA IN III DING COMPONENT SAFETY INSTALLING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES

R802 10.4 ALTERATIONS TO TRUSSES.

TRUSS MEMBERS SHALL NOT BE CUT, NOTCHED, DRILLED, SPLICED OR OTHERWISE ALTERED IN ANY WAY WITHOUT THE APPROVAL OF A REGISTERED DESIGN PROFESSIONAL. ALTERATIONS DESIGNING IN THE ADDITION OF LOAD SHOWAS HVAC EQUIPMENT WATER HEATER THAT EXCEEDS THE DE COAD FOR THE TRUSS SHALL NOT BE PERMITTED WITHOU VERIFICATION THAT THE TRUSS IS CAPABLE OF SUPPORTING SUCH ADDITIONAL LOADING

R802 11 ROOF TIE-DOWN

NRIZ 11.1 UPLE I RESISTANCE ROOF ASSEMBLES SHALL HAVE UPLIFT RESISTANCE IN ACCORDANCE WITH SECTIONS R802.11.1.1 AND REQUITING WHERE THE UPLIFT FORCE DOES NOT EXCEED 200 POUNDS (90.8 KG), RAFTERS AND TRUSSES SPACED NOT MORE THAN 24 INCHES (\$10 MM) ON CENTER SHALL BE PERMITTED TO BE ATTACHED TO THEIR SUPPORTING WALL ASSEMBLIES IN ACCORDANCE WITH TABLE R652 3(1), WHERE THE BASIC WIND SPEED DOES NOT EXCEED 116 MPH, THE WIND EXPOSURE CATEGORY IS 8. THE ROOF PITCH IS 5:12 (42-PERCENT SLOPE) OR GREATER, AND THE ROOF SPAN IS 32 FEET (9754 MM) OR LESS, RAFTERS AND TRUSSES SPACED NOT MORE THAN 24 INCHES (810 MM) ON CENTER SHALL BE PERMITTED TO BE ATTACHED TO THEIR ITING WALL ASSEMBLIES IN ACCORDANCE WITH TABLE

R802 11.1.1 TRUSS UPLIET RESISTANCE.

(D) IUSSES SHALL BE ATTACHED TO SUPPORTING WALL ASSEMBLIES BY CONNECTIONS CAPABLE OF RESISTING UPUFT FORCES AS SPECIFIED ON THE TRUSS DESIGN DRAWINGS FOR THE ULTIMATE DESIGN WIND SPEED AS DETERMINED BY FIGURE R301.2(5)A AND LISTED IN TABLE R301.2(1) OR AS SHOWN ON THE CONSTRUCTION DOCUMENTS, UPLIFT FORCES SHALL BE PERMITTED TO BE DETERMINED AS SPECIFIED BY TABLE F # APPLICABLE, OR AS DETERMINED BY ACCEPTED BY TABLE RIGGET.

R802.11.1.2 RAFTER UPLIFT RESISTANCE. INDIVIDUAL RAFTERS SHALL BE ATTACHED TO SUPPORTING WALL ASSEMBLIES BY CONNECTIONS CAPABLE OF RESISTING UPLIFT EDROES AS DETERMINED BY TABLE 1992 11 OR AS DETERMINED. BY ACCEPTED ENGINEERING PRACTICE, CONNECTIONS FOR BEAMS USED IN A ROOF SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE

REFER TO THE IRC FOR THE FOLLOWING SECTIONS:

SECTION 804 COLD-FORMED STEEL ROOF FRAMING

SECTION 805 CEILING FINISHES

R805 1 CEILING INSTALLATION.

CEILINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS FOR INTERIOR WALL FINISHES AS PROVIDED IN

SECTION DROS

RIDG 1 VENTILATION REQUIRED ENCLOSED AFTICS AND ENCLOSED BAFTER SPACES FORMED WHERE CELLINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW, VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSION OF 1/16 INCH (1.6 MM) MINIMUM AND 1/4 INCH (6.4 MM) MAXIMUM, VENTILATION OPENINGS HAVING A LEAST DIMENSION LARGER THAN 1/4 INCH (0.4 MM) SHALL BE PROVIDED WITH CORROSION-RESISTANT WRIE CLOTH SCREENING, HARDWARE CLOTH PERFORATED VINYL OR SMILAR MATERIAL WITH OPENINGS HAVING A LEAST DIMENSION OF 1/16 INCH (1.6 MM) MINIMUM AND 14 INCH (6.4 MM) MAXIMUM. OPENINGS IN ROOF FRAMING MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF SECTION R602.7. REQUIRED VENTILATION OPENINGS SHALL OPEN DIRECTLY TO THE OUTSIDE AIR AND SHALL BE PROTECTED TO PREVENT THE OF BIRDS, RODENTS, SNAKES, AND OTHER SIMILAR

REGE 2 MINIMUM VENT AREA HE MINIMUM NET FREE VENTILATING AREA SHALL BE 1/150 OF

THE AREA OF THE VENTED SPACE.

NOTE: SEE SECTION 806.2 FOR EXCEPTION

RB06.3 VENT AND INSULATION CLEARANCE. WHERE EAVE OR CORNICE VENTS ARE INSTALLED, BLOCKING, BRIDGING, AND INSULATION SHALL NOT BLOCK THE FREE FLOW OF AIR NOT LESS THAN A 1-INCH (25 MM) SPACE SHALL BE PROVIDED. BETWEEN THE INSULATION AND THE ROOF SHEATHING AND AT THE LOCATION OF THE VENT.

DING A INSTALL ATION AND WEATHER PROTECTION

VENTILATORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, INSTALLATION OF VENTILATORS IN ROOF SYSTEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1903, INSTALLATION OF VENTILATORS IN WALL SYSTEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 8703 II.

R806.5 UNIVENTED ATTIC AND UNIVENTED ENCLOSED RAFTER ASSEMBLIES.

UNIVENTED ATTICS AND UNIVENTED ENCLOSED BOOF FRAMING ASSEMBLES CREATED BY CELLINGS THAT ARE APPLIED DIRECTLY TO THE UNDERSIDE OF THE ROOF FRAMING MEMBERS AND STRUCTURAL ROOF SHEATHING APPLIED DIRECTLY TO THE TOP OF THE BOOK FRAMING MEMBERS (BAFTERS SHALL BE REQUITTED WHERE ALL THE FOLLOWING CONDITIONS ARE ME

SEE CONDITIONS 198.5 (1 THROUGH 5)

SECTION R807 ATTIC ACCESS

BUILDINGS WITH COMBUSTIBLE CEILING OR ROOF CONSTRUCTION SHALL HAVE AN ATTIC ACCESS OPENING TO ATTIC AREAS THAT HAVE A VERTICAL HEIGHT OF 30 INCHES (762 MM) OR GREATER OVER AN AREA OF NOT LESS THAN 30 SQUARE FEET (2.8 M2). THE VERTICAL HEIGHT SHALL BE MEAGURED FROM THE TOP OF THE CEILING FRAMING MEMBERS TO THE UNDERSIDE OF THE ROOF FRAMING MEMBERS

INCHES BY 30 INCHES (650 MM BY 762 MM) AND SHALL BE LOCATED IN A HALLWAY OR OTHER LOCATION WITH READY ACCESS. WHERE LOCATED IN A WALL, THE OPENING SHALL BE NOT LESS THAN 22 INCHES WIDE BY 30 INCHES HIGH (500 MM WIDE BY 762 MM HIGH). WHERE THE ACCESS IS LOCATED IN A CEILING, MINIMUM UNOBSTRUCTED HEADROOM IN THE ATTIC SPACE SHALL BE 30 NCHES (762 MM) AT SOME POINT ABOVE THE ACCESS MEASURED. VERTICALLY FROM THE BOTTOM OF CEILING FRAMING MEMBERS. SEE SECTION MISSES 1 3 FOR ACCESS REQUIREMENTS WHERE MECHANICAL EQUIPMENT IS LOCATED IN ATTICS.

CHAPTER 9 :: ROOF ASSEMBLIES

SECTION R901 GENERAL

R901.1 SCOPE. THE PROVISIONS OF THIS CHAPTER SHALL GOVERN THE DESIGN MATERIALS, CONSTRUCTION AND QUALITY OF ROOF ASSEMBLIES.

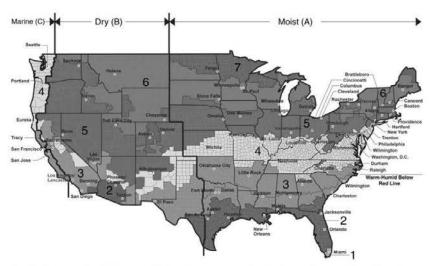
CHAPTER 10 :: CHIMNEYS & FIREPLACES

R1001.1 GENERAL

MASONRY FIREPLACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS SECTION AND THE APPLICABLE PROVISIONS OF

> DREAM HOME DESIGNS TULY 25, 2020 JULY 25, 2020 A NEW DUPLEX FOR POOVIN PILLAY 2317 PEACHTREE STREET - KNOXVILLE, TENNESSEE

2018 IRC REQUIREMENTS



All of Alaska in Zone 7 except for the following Boroughs in Zone 8: Bethel, Dellingham, Fairbanks, N. Star, Nome North Stope, Northwest Arctic, Southeast Fairbanks, Wade Hampton, and Yukon-Koyukuk

Zone 1 includes: Hawaii, Guam, Puerto Rico, and the Virgin Islands

STATE .	PERMITTATION INVESTIGATION	MINIOR MACHINE	NAMES OF THE PARTY	CECUMA Producti	PROPER WALL PORTUGE	MADE MALL MARKET	PERSON PROPERTY.	MALL SHALL SHALLS	9.0618 9.0618 4.0875s	MACE MALE
1	30%	9.75	(6.22	30	15	24.	13	0	0	4.
200	2.45	0.65	0.35	16	15	4.0	13	0	- 6	0
3.7	0.00	0.33	0.27	10	30 m 15 + 5k	2.33	18	-5136	.0	243
A secrept 30stas	8.92	0.33	0.40	46	20 or 13 + fb.	\$23	18	30/19	15, 1, 6	10/12
State 4	5.30	0.33	300	46	20 m 13 + 7b	13/17	256	1239	10,19	
1.	6.50	0.35	58.	40		15/55	Na		10,12	
f and S	4.30	0.55	386	.40	30 - 1 et 13 - 10a	1820	Ilg	12.19	35,4 ft	11114

	BOUNDARY O'RICTORDS							
204	PERSONAL PARTY IN				MARCOUR LAGRETORS		MACON.	SACTOR.
1.	3.50				3.191		0.360	0.977
1							0.360	
1	435	433	5.000	5060	0.049	6647	638Gr	9334
Femiliant Minister	435							
5 and 5 Gertain 4	9.15	2.55	5 056	156	0.060	6,033	0.000	6,655
	48	235	1036	5941	1363	0.001	1.090	0.891
7 and 5	235	2.74	50%	5545	0.657	0.00%	0.000	0.000

TABLE NI102.4 (.1 (R402.4 (.1)) AR SARRER AND RESULATION RESTALLATIONS

COMPONENT	AIR BANNER CRITERIA	PIGULATION INSTALLATION CRITTERIA
Canera requirements	A contrisions ar comer shar be massled in the suitable envelope. The extensor thermal envelope contains a continuous as same, breaks or parts in the air same, poul for parts in the air same.	Apperhease malpton shall not be shed as a sasing materia.
Celling atto	The ar barrier in any crosped certs or sufficient the aligned extra filter than the aligned extra filter insulation and any gaps in the sin barrier easied. America openings, imp down stains or knee and doors to uncontitioned artic against the asked to the sales.	The insulation in any dropped cellingworth shall be aligned with the air marrier.
Worle	The junction of the foundation and still plans shall be somet. The junction of the log pulse and the log of extended walls shall be content. Nines along that the beautiful.	Governs were series and receives of forme was since to installed by congressy stong the causy with a material houng a harmon reactance of not less than this just miss. Extensi series existing mission for formed series of the first place of substants contact and in continuous argument with the air County.
Whoove, skylights and doors.	The space between framing and skylights, and training the james of whiches and doors, shall be sealed.	
Pim jours	Min justs shall include the air .	Micro poets shart be maximum.
Floors (masking above garage and cardiavene floors) and floors above garages.	The ar comer shall be installed at any exposed eage of meutation.	front training samy insulation that be insulated to maintain permanent contact with the underwide of subface decking, internations from the training sensity resultation shall be in contact with the tip time of investment, or accrease, insulation to the specific of the product of the product of the product of the tip of the time of the investment of the time of elegating from the door thange of the tip of all permitted from thanging members.
Стам араги чата	Exposed earth it unverted plant apaces start be covered with a Class. I apport retainer with overlapping joints taped.	Craw space insuston, where provided natural of floor insuston, snar be permanently attached to the wate.
OURS, powersom	Out shafts, utility peretrations, and flue shafts opening to extensior or unconditioned space shall be seated.	
Name carties		Bats to be installed in hartow cauties shall be out to fit, or hartow cauties shall be fried with insuspon that or installation readile conforms to the

Garage separation	Air sealing shall be provided between the garage and constitioned spaces.	
Received lighting	Recessed light features inscalled in the building thermal envelope shall be sealed to the finished surface.	Processed light factures installed in the building thermal envelope shall be an fight and iC rated.
Plumsing and wiring		in extendir walls, dust insulation shall be out ready to fit amound witing and pluming or insulation. That on insulation, ready, conforms to pushable space, shall extend belond spiring and witing.
Dhowertub on extentor Mail	The arrange installed at extente uses appear to shown and sind shall separate the wall from the shower or full.	Execut mais adjusted to showers and both shall be inscioned.
Dectrosophoné boy on extenor wate	The or comer shall be instarted before electrical and communication bowes. Alternatively, sinked boxes, shall be installed.	
HUAC regions coots	HSAC register boots that penetrate building thermal envelope start be assued to the subfloor or anywai.	
Concessed symmetry	Where required to be sealed, conceased the sprinters shall any be sealed to a name that is recommended by the manufacturer. Cauthing or other administration after not sealed to the voids sealers for agricultural publish, and water or celemos.	

a. Inspection of log water shall be in accordance with the provisions of ICC 400.

2016 INTERNATIONAL REDICENTIAL CODE &

DREAM HOME DESIGNS A NEW DUPLEX FOR POOVIN PILLAY
2317 PEACHTREE STREET - KNOXVILLE, TENNESSEE 2018 IRC REQUIREMENTS TN-2020-0010

Addressing Department Review and Comments

Planning KNDKVILLE I KNDK EQUATY

400 Main Street Suite 403 Knoxville, TN 37902 P: 865.215.2507

F: 865.215.2237

File #: 9-C-20-SU

Tax Parcel ID: 109DL006

Subdivision:

Owner/Applicant: SAPOLA GP Surveyor: Steven W Abbott, Jr.

Company: Abbott Land Surveying, LLC

Email: survmap@tds.net

Date Submitted: 7/27/20

Review Type: SU

Unit or Phase:

Phone: 423.956.3305

Office: 865.671.1149

Cell:

Fax:

Visit our website: http://www.knoxplanning.org/addressing for a list of existing and available street names.

All subdivision and street names must conform to the Knoxville/Knox County Street Uniform Naming and Addressing Ordinance, Subdivision Regulations and the Administrative Rules of the Planning Commission.

Proposed and/or Existing Subdivision or Street Names	Results of Review, Corrections, and Comments (date subdivision or street name reserved)	Approved, Pending, Denied, Revise, Note	
Peachtree St	ОК		
	If use is approved by the Planning Commission, separate addresses will be assigned for each unit	Note	
	Unresolved addressing issues may delay building permits.	Note	

Comments may be modified based on new information from updated plans, field reviews or other agencies.

Andrea Kupfer (865.215.3797)	1 st Review	Donna Hill (865.215.3872)	2 nd Review
andrea.kupfer@knoxplanning.org	7/30/2020	donna.hill@knoxplanning.org	8.14.20



DEVELOPMENT REQUEST

DEVELOPMENT		SUBDIN	/ISION	ZONING	
Planning KNOX VILLE I KNOX COUNTY	Development PlanPlanned DevelopmeUse on Review / Spe	nt 🗆 Fin	ncept Plan al Plat	□ Plan Amendment□ Rezoning	
Steven W. Abbott Jr			Surve	yor	
Applicant Name			Affiliati	on	
7/27/2020	9/10/2020		9-C-2	0-SU	
Date Filed	Meeting Date (if applic	cable)	File Nu	mbers(s)	
CORRESPONDENCE All correspondence related to this Applicant Owner O				scano Architect	
Steven W. Abbott Jr	ption Holder	Abbott Land Su		scape Arcintect	
Name		Company	76/		
1109 E Woodshire Dr		Knoxville	TN	37922	
Address		City	State	Zip	
865.671.1149	survmap@tds.net				
Phone	Email				
CURRENT PROPERTY	INFO				
SAPOLA GP	P.O. Box 53	P.O. Box 51032 Knoxville, TN 37950		423.956.3305	
Owner Name (if different)	Owner Addre	ess		Owner Phone	
2317 Peachtree Street		109DL0	06		
Property Address		Parcel ID			
N Peachtree St; E Fisher Pl			11,03	7 s.f.	
General Location			Tract Si	ze	
1st District		RN-2			
Jurisdiction (specify district above	City County	Zoning Di	strict		
South City	LDR	LDR		UGB	
Planning Sector	Sector Plan Land Use (Sector Plan Land Use Classification		Growth Policy Plan Designation	
SFR	N	N KUB		KUB	
Existing Land Use	Septic (Y/N)	Sewer Provider	. v	Vater Provider	

REQUEST

DEVELOPMENT	☐ Development Plan ☐ Use on Review / Special ☐ Non-Residential	cial Use				
LOP						
EVE	Home Occupation (specify):					
DE	☐ Other (specify):Two=Eamily_Dwelling_(D	ouplex)				
SUBDIVISION	☐ Proposed Subdivision Name ☐ Parcel Change			Unit / Phase Number		
DIV	☐ Combine Parcels ☐ Divide Parcel	Total Number of Lots Cr	reated:			
SUB	☐ Other (specify):					
		Victor 1997				
	Attachments / Additional Requirements					
	☐ Zoning Change:					
5	☐ Plan Amendment Change:					
DNINOZ	Proposed Plan Designation(s)					
	Proposed Density (units/acre) Previous Rezoning Requests					
	Other/specify)					
	Other (specify):					
1			1554			
	PLAT TYPE		FEE 1:	TOTAL:		
NLY	 □ Staff Review □ Planning Commission ATTACHMENTS □ Property Owners / Option Holders □ Variance Request 		0402	450.00		
STAFF USE ONI			FEE 2:			
sn =	ADDITIONAL REQUIREMENTS					
IAF	☐ Design Plan Certification (Final Plat only)		FEE 3:			
S	☐ Use on Review / Special Use (Concept Plan of	nly)	\$1.00.00 on a			
	☐ Traffic Impact Study		<u> </u>			
	AUTHORIZATION By signing below, I ce	rtify I am the property owne	r, applicant or the owne	rs authorized representative.		
	She Watch	Steven W. Abbott Jr		07/07/2020		
	Applicant Signature	Please Print		Date		
	865.671.1149	survmap@tds.net				
	Phone Number	Email				
	Jel /w/X	Michael Reynolds		07/27/2020		
	Staff Signature	Please Print		Date		

