- ENERGAL NOTES:

  ALL DOSTRICTION MONITERIAS SHALL MEET OR EDICED FOR 2015 LOCAL BILLDING CODES MAY HAVE DIFFERENT SECRETARION AND RECOGNISHENT THAN WHAT IS LIST TO THE RECORD THE LOCAL CONTRICTION AND RECOGNISHENT THAN MONITERIA THA

- ALL EXTERIOR STAIRS ARE SHOWN FOR CONCEPT. FINAL DESIGN DETERMINE ON SITE FOR FINAL GRADE
- 5. THE FOLLOWING CODE INFORMATIONS IS INTENDED TO ASSIST AND INFORM YOU THROUGH CONSTRUCTION. THIS PROJECT HAS REEN DRAWN TO PRESCRE TO INDUSTRY STANDARDS

SUBJECT TO DAMAGE FROM WINDER OF PARRIETS FLOOD AND

WIND DESIGN METHOD: MWFRS/C-C HYBRID ACSE/SEI 7-10

# CHAPTER 3 (BUILDING PLANNING) WHO DESIGN

A BULDING AND STRUCTURES, AND ALL PARTS THEREOF, SHALL BE CONSTRUCTED TO SAFELY SUPPORT ALL LOADS, NICLUDING DEAD LOADS, LINE LOADS, ROOF LOADS, FLOOD LOADS, SNOW LOADS, WIND LOADS, AND SEISMIC LOAD AS PRESCRIBED BY THIS CODE (RIGHT II)

AS PRESCRIBED BY THIS CODE (KOUT.1)

B. TABLE 301.2(1) IRC 2015. VALUES BASED FROM THE CITY OF DES MOINES, KOWA.

LOAD	SPEED (mph)	TOPOGRAPHI EFFECTS	FEGOR	NAC-SOLDE DEBLIS TONS	DESIGN CATEGORY	MEATHERING	FROST LINE DEFTH	TERMITE	TEMP.	UNDEPLEAMENT REQUIRED	HAZAROS	PREEZWG RIDEX	ANUAL TEMP
30 PSF	115	NONE	308	NONE	A	SEIERE	42°	HODERATE HEAVY	48 .	YES	184FCH 1984	1800	41.6 F
	C. MI	4MUM LIV	E LOADS. (	R301.5i IR0	2015			MNWUM	ROOF LIVE	LOADS/R301.6	VRC 2015	5	
	UN	HABITABL	E ATTIC W	TH LINITE	STORAG	E 20 P	SF	ROOF TR	USS LIVE LO	MD(Lr)	20	PSF	
	UN	HABITABL	E ATTIC WI	THOUT ST	ORAGE	10 P	SF	GROUND	SNOWPE		30	PSF	
	HA	BITABLE A	TTIC AND:	SERVED W	TH FIXED		30 PSF	FLAT ROO	F SNOW (P	ŋ	24	PSF	
	DE	CKS AND B	EXTERIOR	BALCONIE	S	40 P	SF						
	GU	ARDRAIL A	ND HAND	MLS		2001	PSF	THERMAL	CONDITION	1	C	= 1.0	
	RO	OM OTHER	R THAN SL	EEPING RO	OWS	40 P	SF	TERRAIN	EXPOSURE		В		
	SLI	EPING RO	OOMS			30 P	SF	DURATIO	N OF LOAD:	SNOW	1.	15	
	ST	URS .				40 P	SF						
	DEFLECTION CRITERIA							UNBALANCED AND SNOW DRIFT LOADING					
	FI	DOBTINE	LOAD			1.480		ACCORDI	NG TO ASCI	EISEI 7-10			

ALL BEAMS SUPPORTING FLOOR OR ROOF LOADS. ARE

ROOF TOTAL LOAD

TO BE DESIGNED WITH THE ABOVE DEFLECTION CRITERY

FLOOR-TOP CHORD		ROOF-TOP CHORDS	
CARPET AND PAD	1.5 PSF	ROOFING-SHINGLES(220 LBS) 2 LAYER	4.40 PSF
3/8" CERAMIC TILE/ 1/2" BACKER BD.	10 PSF	30 LBS. FELT	0.30 PSF
3/4" HARDWOOD FLOOR	4.0 PSF	12" OSB OR COM PLYWOOD	1.65 PSF
SUBFLOOR-3/4" OSB OR COM-PLYWOOD	2.0 PSF	1/2 ROOF TRUSS-2X4	1.10 PSF
1/2 FLOOR TRUSSILJOIST SYSTEM	1.5 PSF	CORRECTION FOR SLOPE (12/12)	1.55 PSF
TOTAL WITH CARPET/PAD	5.5 PSF	TOTAL	9.00 PSF
TOTAL WITH TILE/BACKER BD.	13.5 PSF		
TOTAL WITH HARDWOOD FLOOR	7.5 PSF	ROOF-BOTTOM CHORDS	
		1/2 ROOF TRUSS-2X4	1.10 PSF
FLOOR-BOTTOM CHORD		5/8" GYPBOARD	2.8 PSF
1/2 FLOOR TRUSS/I-JOIST SYSTEM	1.5 PSF	MINIMUM FOR MISC MECHANICALIELEC.	
58° GYPBOARD	2.8 PSF	16" BATT/BLOWN INSULATION	1.60 PSF
MINIMUM FOR MISC MECHANICAL/ELEC.	0.7 PSF		
TOTAL	50 PSF	TOTAL	7.00 PSF

SECTION RISK: LIGHT AND VEHTLATION IN HARTINGE PRODUS PROVIDE INSTURAL LIGHT AND VEHTLATION WITH OPERABLE WINDOWS INNOVANCE, AND SHALL NOT BE ISS THAN BY OF THE FLOOR AREA OF EACH ROOM. 12 THE REQUIRED WINDOW AREA SHALL BE REPORTED FOR THE WINDOW AND A VEHTLATION.

R033.3 BATHROOMS MAY HAVE NO PEPRABLE WINDOW OF 3 S F. IN AREA.

EXCEPTION: BATHROOM AND WATER CLOSET MAY BE VENTILATED WITH EXHAUST FANS AND ARTIFICIAL LIGHT.

SECTION PROF. THE MINIMUM AREA OF ANY HARITARI F BOOM SHALL NOT BE LESS THAN TO SO EFFE. EXCEPT KITCHEN R304.2 THE MINIMUM LENGTH OR WIDTH OF ANY HABITABLE ROOM SHALL NOT BE LESS THAN 7-0"

SECTION RIGG: CEILING HEIGHT HABITABLE SPACE, HALLIWAYS, AND PORTION OF THE BASEMENT CONTAINING THESE SPACES SHALL

HAVE A CELLING HEIGHT OF NOT LESS THAN 7 FEET. BATHROOMS, TOILER ROOM, AND LAUNDRY ROOMS SHALL HAVE A CELLING HGT OF NOT LESS THAN 6'-8" -EXCEPTION

1. FOR ROOMS WITH SLOPED CEILING, THE REQUIRED FLOOR AREA OF THE ROOM SHALL HAVE A CEILING HEIGHT OF NOT LESS.

I CONTINUE NO THE PROPERTY OF THE CONTINUE OF THE MAN SHALL HAVE A CONTINUE OF THE PROPERTY OF THE MAN SHALL HAVE A CONTINUE OF THE CONTINUE OF THE CONTINUE OF THE MAN SHALL BE CONTINUE OF THE CONTINUE OF T

R365.1.1 BASENENT PORTION OF BASEMENT THAT DO NOT CONTAIN HABITABLE SPACE OR HALLWAYS SHALL HAVE A CELLING HEIGHT OF NOT LESS THAN 6-8\*

EAUCHTION BEAMS, GIRDERS, DUCTS, OR OTHER OBSTRUCTIONS IN BASEMENT CONTAINING HABITABLE SPACE SHALL BE PERMITTED TO

SECTION RS07.1 TOILET BATH AND SHOWER SYNCES FIXTURES SHALL BE SPACED IN ACCORDANCE WITH FIGURE RS07.1.

1. TOLET HIM IST FROM WALL OR TILD ROY WANTY
WHICH STEED AND A TO TOLET
2. WANTY THIS FEMALE IN PROVIT OF TOLET
2. WANTY WILL STEED AND A TO PROVIT OF YANTY

SECTION ROBG GIAZING EXCEPT AS NOICATED IN SECTION ROBE 1.1 EACH PAME OF GLAZING INSTALLED IN HAZARDOUS LOCATION DEFINED IN SECTION ROBGES AS MAIL BE PROVIDED WITH A MANUFACTURING'S DESIGNATION SPECIFYING WHO APPLED DESIGNATION, DESIGNATING THE TYPE OF GLAZING STANDARY FOR JAZING STANDARY OF JAZING STANDARY.

GLASS AND THE SAFETY GLAZING STANDARD.

R308.4.2 GLAZING ADJACENT TO DOORS. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR SHALL BE CONSIDERED TO BE

GUADNA GARCHIT TO DOORS GLADIN IN MINIMOUSLY RED OR OPERAGE PAPEL JAUGUSTITO A DOOR SHALL BE CONSCIDENT DIE A ANAPLADOUS GLADIN HERE THE BOTTON DEVENOERSE DEEC OF THE GUADNIES ISST HINNEY AREA THE FLOORS ON KLANINGS SUFFACE AND MEETS ERFERCE THE FOLLOWING COVINTIONS.

IN MEET EINE CLADINGS IS WITHIN A MORES EITHER DEE OF THE DOOR IN THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN A "OF THE HERE. BILE OF ANAILY PERFEIDIOLULE" TO THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN A" OF THE HERE. BILE OF ANAILY PERFEIDIOLULE TO THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN A" OF

THE MICE SHEET AN INCOMMENTATION.

THE CONCRETE CASE OF AN INCOMMENTATION OF THE CLAZING T

THE TOP FORE OF THE GLAZING IS MORE THAN 36" ABOVE THE FLOOR AND 3. THE FOR EDGE OF THE SURLING IS MORE THAN 36 ABOVE THE FLOOR, AND 4. ONE OR MORE WALKING SURFACE ARE WITHIN 36" MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE GLAZING

1. DECORATIVE GLASS

WHERE RAILING IS INSTALLED ON THE ACCESSIBLE SIDE OF THE GLAZING 34" TO 38" ABOVE WALKING SURFACE.

SECTION R310. EMERGENCY ESCAPE AND RESCUE OPENING, BASEMENT, HABITABLE ATTICS, AND EVERY SLEEPING ROOM SHALL HAVE AN EMERGENCY ESCAPE AND RESCUE OPENING.
-EXCEPTION, STORM SHELTERS ANDS BASEMENT USED ONLY TO HOUSE MECHANICAL EQUIPMENT NOT EXCEEDING A TOTAL FLOOR.

EXCEPTION, STRONG INSETTING AND SHARPORT USED DUTY TO HOME RECOVERED LEGAL PRICE TO EXCESSION A TOTAL FLOOR
\$10.2.1 IMMUSE OF CORRECT AND A SHARPORT OF STRONG AND A SHARPORT OF CORRECT AND A SHARPORT

1. THE LADDER OR STEPS SHALL BE PERMITTED TO ENCROACH NOT MORE THAN 6".

R310.2.3.1 WINDOW WELLS WITH A VERTICAL STEP GREATER THAN 4" SHALL BE EQUIPPED WITH A PERMANENT LADDER NOT LESS THAN 12" WIDE

SECTION 314 SMOKE ALARMS, SMOKE ALARMS SHALL COMPLY WITH NEPA 72 AND UL 217

IN EACH SLEEPING ROOM

NOVINGESPING ROOM
 COURSE AND REPORT ASSESSMENT ASSESSMENT AND HIGH RESEARCH ASSESSMENT AND HIGH RESEARCH ASSESSMENT AND HIGH RESEARCH ASSESSMENT AND HIGH RESEARCH ASSESSMENT ASSE

IONIZATION SMOKE ALARMS WITH AN ALARM-SILENCING SWITCH SHALL NOT BE INSTALLED LESS THAN 10/0" HORIZONTALLY FROM A

PERMANENTLY INSTALLED APPLIANCE
PHOTOELECTRIC SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 6'4" HORIZONTAL FROM A PERMANENTLY INSTALLED.

JUNING APPLIANCE.

CARBON MONOXIDE ALARMS: SHALL COMPLY WITH UL 2014, COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE LISTED IN

SECTIONARY CHARGE SHALL COMPLY WITH L. SHE COMPLATION CARRY ON INFORMED AND SHAKE ARMS SHALL BLUSTON
AND COMPLANT COMPLA

12" TO THE EXPOSED GROUND IN CRAWL SPACES OR UNEXCAVATED AREAS LOCATED WITHIN THE PERIPHERY OF THE BUILDING

JUNDATION.

WOOD FRAMING MEMBERS THAT REST ON CONCRETE OR MASONRY EXTERIOR FOUNDATION WALLS AND ARE LESS THAN 8" ROM EXPOSED GROUND. I. SILLS AND SLEEPERS ON A CONCRETE OR MASONRY SLAB THAT IS IN DIRECT CONTACT WITH THE GROUND UNLESS.

BLES AND BEFFERS ON A CONCRETE OF IMPOSENT SUB-THAT IS DIRECT CONTEXT WITH THE GROUD UNLESS PAPENDET TORMOSON, SHE OF IMPOSEDON SOME BERNERE. BERNERE.

THE DOLD OF A WOOD OWERS RETIRED CONCRETE MULLS WARKS OF THE STEEL OF SHE HAVE OF THE SIGNATION OF THE STEEL OF THAT IS THAT IN IS THAT IS TH

CONCRETE WALLS BELOW GRADE EXCEPT WHERE AN APPROVED VAPOR RETARDER IS APPLIED BETWEEN WALL AND

THE FURRING STRIP.
R317.3.1 FAST DIGRS OF PRESERVATIVE-TREATED WOOD. FAST ENERS, INCLUDING NUTS AND WASHERS, FOR PRESERVATIVE-TREATED WOOD. SHALL BE OF HOT-DIPPED, ZNC CONTED GAL/MINZED STEEL, STADLESS STEEL, SALLOUS BROWEE OR COPPER CONTING TYPES AND WEIGHTS FOR CONNECTORS IN CONTACT WITH PRESERVATIVE-THEATED WOOD SHALL BE ACCREDANCE WITH THE CONNECTOR WAND

#### **CHAPTER 4 (FOUNDATIONS)**

SECTION 401.4 SOIL TEST: WHERE QUANTIFIABLE DATA CREATED BY ACCEPTABLE SOIL SCIENCE METHODOLOGIES INDICATE EXPANSIVE, COMPRESSIBLE CIAL SHALL DETERMINE WHETHER A SOIL TEST IS REQUIRE

CLASS OF MATERIAL	LOAD BEARING PRESSURE
SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL AND CLAYEY GRAVEL	2,000 POUNDS PER SQ FT
CLAY, SANDY, SILTY CLAY, CLAYEY SILT, SILT, AND SANDY SILT CLAY	1,500 POUNDS PER SQ FT

THIS DESIGN IS BASED ON 2,000 POUNDS PER SQ FT. UNLESS NOTED OTHERWISE. IT IS THE BUILDER OR HOMEOWNER RESPONSIBLE TO LET PLUM DESIGN IS BASED ON 23NO POUNDS PER SQ.P.1, UNLESS NOTED OTHERN
PLUM DESIGN SERVICE KNOW IF THE CONDITION IN THE FIELD ARE DIFFEREN

R402.2 CONCRETE: FROM TABLE R402.2

FOUNDATION CONCRETE WALLS SHALL HAVE A MIN. STRENGTH OF 3000 PSI -GARAGE FLOOR SLABS SHALL BE 3,500 PSI -PORCHES, CARPORT SLABS AND STEPS EXPOSED TO THE WEATHER SHALL BE 3,500 psi AT 28 DAYS -BASEMENT SLABS 2,500 PSI (CONCRETE SHALL BE AIR ENTRAINED WITH 5%-7% TOTAL AIR CONTENT).

RIGID ALL FOOTING SHALL BE FLACED ON UNDSTURBED BOLD OF CONTROLLED COMPACTED FILL MINIMAN FROTTING TO BE STRUME X RECEIPT ON A 2500 MEALING MOD THE KEY ELEPTOR A 3500 MEALING FORE 455 (SOTH MEALING FORE 45

THE WIGHTH OF THE PLATE.

ALTERNATE FOUNDATION STRAPS MAY BE USED, SPECIFICATION TO PROVIDE EQUIVALENT ANCHOR TO A 12" DIAMETER ANCHOR BOLTS.

CONCRETE FOUNDATION WALLS SHALL BE CONSTRUCTED AS SET FORTH IN TABLE RAIA 12(3), REFER TO TYPICAL WALL.

SECTION IN THIS PLAN FOR SPECIFICATION.
FOUNDATION WATERPROOFING AND DAMPPROOFING

THE POUNDATION INTERPRODUCE AND DIMERPROCESS.

DEST WHERE PROCESSED SECTION FOR DIS WILESPENDED FOUNDATION MULTS THAT RETAIN ENRYTH AND ENCIGED INTERIOR SWEETS AND TO BE WILESPENDED. THE TOWN THE TOWN ENRY THE FOOTING TO THE REMEDIE GRADE.

HILLINGS FOR SPICE.

THE WILESPENDERS SHOWED SHEET THE BOTTOM OF THE JOST AND THE EARTH WILESPENDERS SHEET SHEET

#### CHAPTER 5 (FLOORS)

INING MATERIALS GRADES ROOF, FLOOR, AND WALL SHEATHING: APA RATED SHEATHING, (LEAVE 18" SPACING AT PANEL ENDS AND EDGES)

A ROOT FOUND AND HAVE DEPOSITED AND ADDRESS AND ADDRES

METAL AND NOT LESS THAN 3 INCHES ON CONCRETE.
RS02.8 NO CUTS, NOTCHES, AND HOLES BORED INTO TRUSSES, STRUCTURAL COMPOSITE LUNBER, GLUE-LAWINATED MEMBERS, OR I-JOIST ARE PROHIBITED EXCEPT WHERE PERMITTED BY THE MANUFACTURER'S RECOMMENDATION.

OR DESIGN BY PROFESSIONAL. OR DESIGN BY PROFESSIONAL.
R902.11 WOOD TRUSSES SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH ANSITPI-1. REFER TO THE

NOUNDIAL TRUSS SENIOR, DEVELOPMENT OF THE PROPERTY OF THE PROP

#### CHAPTER 6 (WALL CONSTRUCTION)

PTERS OF (WALL CONSTRUCTION)

REG. SUMMULINES AND UNLESS FROM UNDER SHEEP OF A GROVE WARK OF AN ACCREDITED LAMBER GROWN OR INSPECTION AGENCY MOUNT CONFIDENT TO DO PRO 20

REG. 1987 THE TO THE REGIST HOUSE THE REG. 1 FIRST FROM THE REG. 1 FIRST THE REG. 1 FIRST THE REG. 1 FIRST TO THE REG. 1 FIRST THE REG. 1 FIR

### CHAPTER 7 (WALL COVERING)

R702.1 GENERAL INTERIOR COVERING OR WALL FINISHES SHALL BE INSTALLED IN ACCORDANCE WITH THIS CHAPTER AND TARLER R702 1111 TARLER PRINT GERBAN INTERPROPOSITION OF HIGH TRIBECTS SHALL BE KINFALLD IN ADCORDANCE WITH THIS OWNERS AND DIES ROW (1) FINE PRINT (FIN. DEEP ROW) (AND TOUR BOOK SHEET SHEET

JOINT OCCUR, LAPPED NOT LESS THAN 6".
R703.3 NOMINAL THICKNESS AND ATTACHMENTS. THE MINIMUM THICKNESS AND ATTACHMENT OF EXTERIOR WALL COVERING SHALL BE IN.

2013 NOMEN THOMSES AND ATTOMENTS THE MINIMAL THOMSES AND ATTOMENTS OF EXTERNING WILL CORRESS SHALL BE IN ACCOUNTMENT THE RECENTING IN THE WILL COMENTS IN THE RECENT AND ANALYSIS CHARGES WILL CORRESS ON THE ANALYSIS CHARGES AND ANALYSIS CHARGES ANALYSIS CHARGES AND ANALYSIS CHARGES

AT 181 included on an acceptance of the control of

CHAPTER 8 (ROOF-CEILING)

SECTION RINGLINZ

SECTION RINGLINZ

SECTION RINGLINZ

GENERAL PRESENSE AND MALE SERVICE OF NACCORDANCE NITH ACCEPTED ENGNEEPING PRACTICE. THE DESIGN AND MALE PACTURES

OF HEITH A FLEXI PROCEDURES SHALL EXPENSE OF PRESENT SOCIAL PROPRIOTE LATERAL STRUKELTY REFER TO THE ROWINDUM TRUSS CEIGN

PRINNINGS AND SECURS SCI GLOBE TO SPOOD PRACTICE FOR HANDLING, INSTALLING AND BRACING OF METAL PLATE CONNECTED WOOD

PRINNINGS AND SECURS SCI GLOBE TO SPOOD PRACTICE FOR HANDLING, INSTALLING AND BRACING OF METAL PLATE CONNECTED WOOD

PRINNINGS AND SECURS SCI GLOBE TO SPOOD PRACTICE FOR HANDLING, INSTALLING AND BRACING OF METAL PLATE CONNECTED WOOD

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PRINNINGS AND SPOOD PRACTICE FOR HANDLING, INSTALLING AND BRACING OF METAL PLATE CONNECTED WOOD

PRINNINGS AND SPOOD PRACTICE FOR HANDLING AND PRINCE PRINC

R802.11.1.1 TRUSS UPLIFT. TRUSSES SHALL BE ATTACHED TO SUPPORTING WALL ASSEMBLIES BY CONNECTION CAPABLE OF RESISTING FORCES

REQUEST. TRUSS IPER TRUSSES SHALL BE ATTACHED TO SEPPORTION INFOLL ASSERBLES OF COMMENTION OPPIAGE OF PRESTING FORCES
SECRED FOR THE TRUSS SEEDS INTO MEDICIOSED NOT THE SPACES FORCE WHERE CELLING ARE APPUAD DIRECTLY TO THE UNDESCREO'TH ROOM PRESTS SHALL WISCONS SHIPMATION FOR EACH SHAPE SHAPE OF WORTH ATTIMO OPPIAGE APPOINTED ADMINIST THE
ENTRINGE OF PRINCIPLE OF AN OLD SHAPE SHAPE OF THE SHAPE SHAPE SHAPE OF CONTINUE APPOINTED ADMINIST THE
ENTRINGE OF PRINCIPLE OF THE TRUSS AND AND ADMINISTRATION OF THE SHAPE SHAPE SHAPE OF THE OLD SHAPE ARE
SHOULD ARROW THE SHAPE THE MINIMAL FOR THE PRINCIPLE OF THE OLD SHAPE ARE OFFICE OF SHAPE OF THE OLD SHAPE ARE
SHAPE AND ADMINISTRATION OF THE PRINCIPLE OF THE OLD SHAPE AND ADMINISTRATION OF THE OLD SHAPE ADMINISTRATION OF THE OLD SHAPE AND ADMINISTRATION OF THE OLD SHAPE AND ADMINISTRATION OF THE OLD SHAPE ADMINISTR

ATTIC ACCESS, BUILDING WITH COMBUSTIBLE CEILING OR ROOF CONSTRUCTION SHALL HAVE AN ATTIC ACCESS OPENING TO ATTIC AREA

NAT HAVE A VERTICAL HEIGHT OF 30' ORGENIER.
THE ROUGH-PRAINED OPENING SHALL NOT BE LESS THAN 22"530"
SHALL BE LOCATION IN HAULIANY OF OTHER READILY ACCESSIBLE LOCATION
ANNIUM LINGESTRUCTED HEAD ROOM IN THE ATTIC SPACE SHALL BE 33' MEASURED VERTICALLY FROM BOTTOM OF CELING

CHAPTER 9 (ROOF ASSEMBLIES)

GENERAL BOOK DECKS SHALL BE COVERED WITH THE APPROVED BOOK COVERING SECURED TO THE BUILDING OR STRUCTURE IN

GOSHUL NOW BLOSS BALL BE CORRECT WITH THE WHYOUGH KNOT CONSISTING SECRET TO THE BUILDING OF SHIRCTURE AT THE CORRECT AND THE SHIP AND THE CORRECT AND THE SHIP AND

THIS SELECTION OF CONTRING APPLICATION, ROOF CONTRING SHALL SEE APPLICED IN ACCORDINACE WITH THE WITH THE APPLICABLE PROVISIONS OF THE SECTION AND THE MANAGEMENT SHALL AND INSURPRICATIONS.

SHALL SH

R905.1.2 ICE BARRIERS. IF AREAS WHERE THERE HAS BEEN A HISTORY OF ICE FORMING ALONG EAVES CAUSING BACKUP OF WATER AS DESIGNATED IN TABLE R301.2/1), AN ICE BARRIER SHALL BE INSTALLED. THE ICE BARRIER SHALL CONSIST OF TWO LAYERS OF UNDERLAYNENT OR SELF-ADVERNOR POLYMERANDOIFIED BITUMEN SHEET SHALL BE USED IN PLACE OF NORMAL UNDERLAYMENT AND EXTENDING LISES THAN 24" NISDE TEXTEROR WILL AND ROOFS OF VIEW FILT HE DE BANGER SHALL BE APPLIED NOT LESS THAN 36" R935.2 ASPRILL'SHINGLES, THE INSTALLATION OF ASPRIALT SHINGLES SHALL COUPLY WITH THIS SECTION AND OWNLIFE CITIERS.

INSTALLATION.

INSTALLATION.

SIDE SHALL SET SHALL SELVED, ON ROOF SLOPES OF 2H2 OR GREATER FOR SLOPES FROM 2H2 UP TO 4H2, DOUBLE
UNDER ANNIHIT APPLICATION IS REQUIRED IN ACCORDANCE WITH SECTION RISES.1.1

RISS 2.8 FLASHING FLASHING FOR ASPHALT SHINGLES SHALL COMPLY WITH THIS SECTION.

### **CHAPTER 10-43**

REFER TO THE CHAPTERS IN THE IRC 2015 FOR THE DESIGN AND REQUIREMENTS

CHAPTER 24 FUEL GAS CHAPTER 25-33 PLUMBING RELATED ITEMS CHAPTER 35-43 ELECTRICAL RELATED ITEMS

OF THESE TEMS.
CHAPTER 10 CHINNEYS AND FIREPLACE
CHAPTER 10 CHINNEYS AND FIREPLACE
CHAPTER 12813 MECHANICAL & GENERAL MECHANICAL SYSTEMS
REQUIREMENTS CHAPTER 14 HEATING AND COOLING FOLIPMENT AND APPLIANCES. CHAPTER 15 EXHAUST SYSTEMS CHAPTER 16 DUCT SYSTEMS

CHAPTER 18 CHIWNEYS AND VENTS CHAPTER 19-22 SPECIAL APPLIANCE, WATER HEATERS, HYDRONIC PIPING AND SPECIAL PIPING CHAPTER 23 SOLAR THERMAL ENERGY SYSTEMS

# STRUCTURAL MATERIAL

STRUCTURAL MATERIAL
MEMBERS SED ON HASI SEE SASED ON THESE DESIGN VALUES
A ROOF, ROOP, AND WALL SEATHING, APA RATED SEATHING, (LEAN EIF SPACE ENTWERP HAVE, ECO. AND DEN, DON'S)
B. WALLS STOOS.
D. WOLL ATTACK.
D. WALL ATTAC H. LVL HEADERS: 2950Fb/2.0E MINIMUM

LSL HEADERS: 1.55E GRADE ASTM SPECIFICATION ASS2 GRADE-50 OR EQUAL

### **ABBREVIATIONS**

AWN. BTM. BSMT. BTW. GA CANT. CAB. AWNING BOTTOM BETWEEN CASEMENT CANTILEVER

GLG C.O. COL. CONC. DIAMETER DOUBLE HUNG F.D. FIG FLR FTG. FURN. HDR HDWD HH INSUL. FIBERGLASS FLOOR FOOTING FURNACE HEADER HARDWOOD INSULATION

JACK STUD(S) OPENING PEDESTAL

JS JST. KS JST. KS LVL LIVL LIVL LIVL LIVL OPING. OPING. OPING. REF REQ. RO RM RM S.F. SLDR SYP. TYP. ROUGH OPENING ROOM ROO/SHELF SINGLE HUNG SQUARE FEET SLIDER SUMP PIT STEEL SOUTHERN YELLOW PINE TYPICAL TG TRTD UNEXC. VAN. W W W! TEMPERED GLASS TREATED UNEXCAVATED VANITY WASHER WITH WATER HEATER

### MISC. SYMBOLS

→ FROST PROOF HOSE BIE --- FLOOR LINE ABOVE STRUCTURAL BEAM / HEADER OR GIRDER TRUSS

LOAD BEARING WALL ■ SOLID BLOCKING FROM CONCENTRATED LOAD

CONCENTRATED LOAD FROM ABOVE. SOLID BLOCK TO FOUNDATION OR BEAM HEADER BELOW.

# DRAWING LIST Foundation Wall Bracin General Notes Tuning Details Wall Bracin



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## PLUM DESIGN SERVICES

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RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. WE ARE NOT A LICENSED ARCHITECT OR ENGINEER THESE PLANS ARE PROVIDED ON AN "AS IS" RASIS AND IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WILLIAM CHIEF TO ACCION THE CONTROL OF NOTES, DETAILS, ELEVATIONS, SECTIONS, AND FLOOR PLANS PRIOR TO AND ELOOR PLANS PRIOR TO
CONSTRUCTION. THE CONTROCTOR AND/OR
OWNERS SHALL NOTEY PLUM DESIGN
SERVICE, INC. IMMEDIATE IF I FAM YE BRORS
OR OMISSION FOR POSSIBLE CORRECTION
ARE IDENTIFIED PRIOR TO START OR
CONSTRUCTION. NO WARPAWIES EXPRESS
OR IMPLED INCLUDING COMPLIANCE WITH
THE PE HAW WITH APPLY ASHE IN UNING THIS PLAN WITH APPLICABLE BUILDING CODES REQUIREMENTS ARE MADE.

# MEMBER



BUILDING DESIGN Creating where people live



2550 Ranch Project Address Helm Dylan I 2550 R Project

> PROJECT ID: PDS 5151

ISSUE DATE: DATE: 03-05-21 DATE: 03-17-21 DATE: 04-15-21 04-28-21 DATE: DATE: 04-30-21 DATE: DATE: DATE:

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As indicated

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