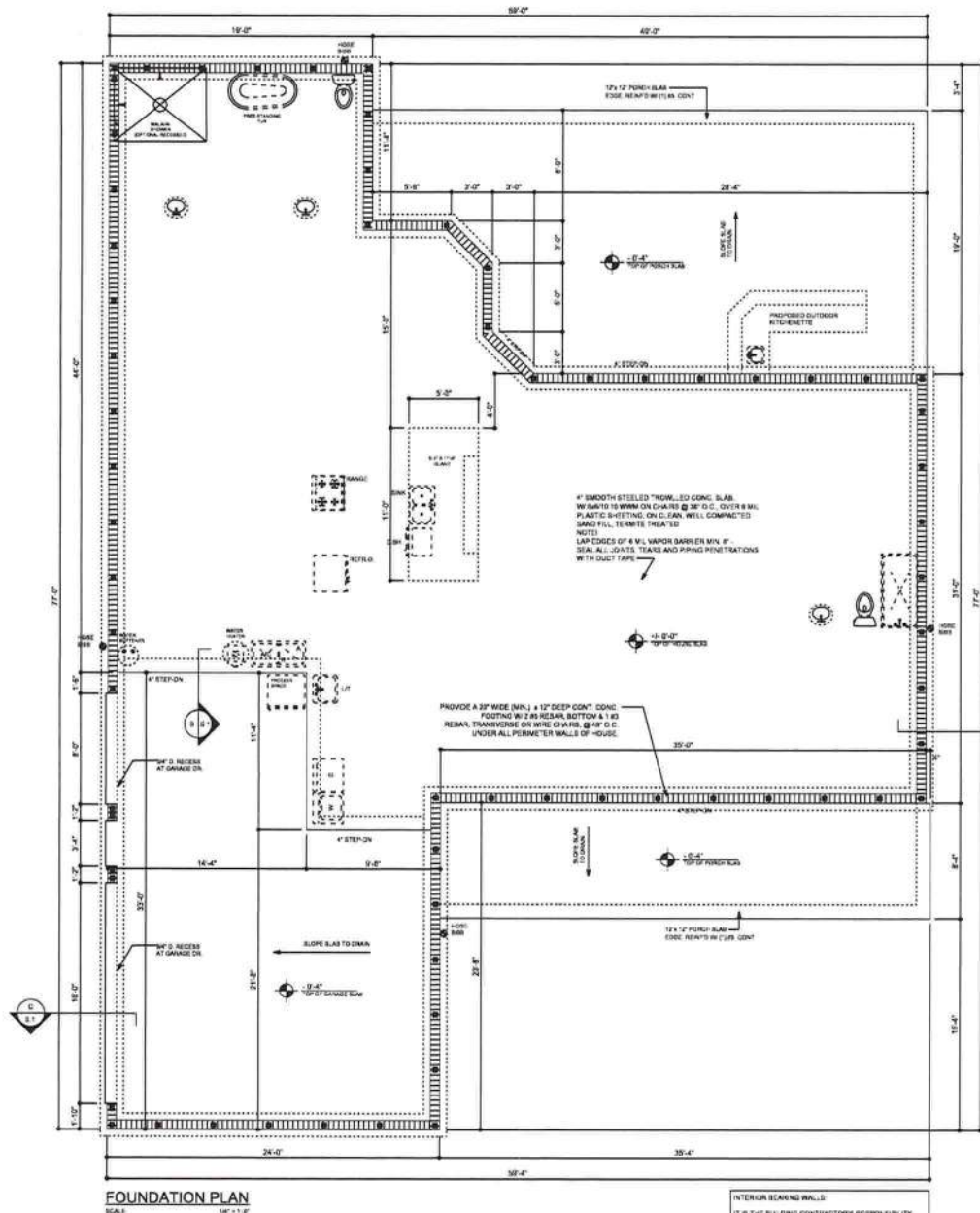
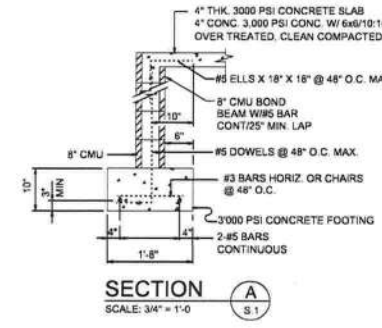
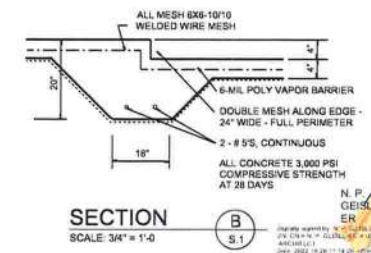


NOTES:
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING WALL LOCATIONS WITH THE TRUSS ENGINEERED SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING WALL LOCATIONS OR ANY POINT LOADS OF 4.0 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN. TAKING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL HAVE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCH-TEC FOR THE PURPOSE OF REWORKING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.



CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- EXPANSIVE SOILS WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS. TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA. ON FRACTION THEREOF. FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A618. ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185. MIN. YIELD STRESS = 80 KSI.
- CONCRETE SHALL BE STANDARD MIX F_c = 3000 PSI FOR ALL FTGS. SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F_c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER AIA STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F_m = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH. BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER AMERICAN WELDING SOCIETY'S STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2X4" WOOD SILL CONT. ALL ANGLES, W/ 2" X 8" W/ 2" X 10" PLATE WASHERS W/ 1/2" FROM EACH CORNER. EA. WAY & WITHIN 8" FROM ALL WALLS. OPENINGS 18" X 10" & W/ 2" X 10" WASHERS ALONG EACH KILL @ 48" O.C. MAX. ALL ANCHOR BOLTS SHALL HAVE A MINIMUM 8" OF EMBEDMENT INTO THE CONCRETE.



NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER ASCE 7 (10TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS.

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

NOTE:
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SIZ. & BALANCING REPORT - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

REVISIONS

FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

A NEW CUSTOM HOME FOR
MEGAN HOLLOWAY
PROJECT ADDRESS: LOT 26, RIVERVIEW DR., ALACHUA COUNTY, FLORIDA
LDM CONSTRUCTION
HIGH SPRING, FLORIDA

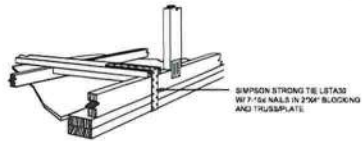
NICHOLAS PAUL BEIDLER
REGISTERED PROFESSIONAL ENGINEER
NO. 12586
FLORIDA
DATE: 08/14/2021
PROJECT: 21-0001-18-00-1714-20-100000

JOB NUMBER
20211222

SHEET NUMBER

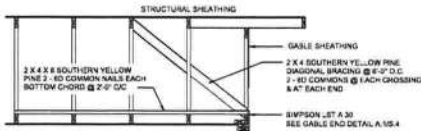
S.1
OF 4 SHEETS

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS



**GABLE END GYPSUM DIAPHRAGM
HOLDOWN CONNECTOR**
SCALE: NONE

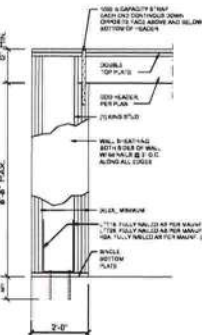
A.1



**END WALL BRACING FOR
CEILING DIAPHRAGM**
NTS (ALTERNATIVE TO BALLOON FRAMING)
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

A

BUILDING COMPONENTS & CLADDING LOADS									
MEAN BUILDING HEIGHT = 30'-0", EXPOSURE "B" ROOF ANGLE 21° TO 45°									
ZONE	TYPE	WALL		CEILING		FLOOR		ROOF	
		PSF	PSF	PSF	PSF	PSF	PSF	PSF	PSF
WALL	1	10	10	10	10	10	10	10	10
	2	10	10	10	10	10	10	10	10
	3	10	10	10	10	10	10	10	10
	4	10	10	10	10	10	10	10	10
	5	10	10	10	10	10	10	10	10
	6	10	10	10	10	10	10	10	10
	7	10	10	10	10	10	10	10	10
	8	10	10	10	10	10	10	10	10
	9	10	10	10	10	10	10	10	10
	10	10	10	10	10	10	10	10	10
CEILING	1	10	10	10	10	10	10	10	10
	2	10	10	10	10	10	10	10	10
	3	10	10	10	10	10	10	10	10
	4	10	10	10	10	10	10	10	10
	5	10	10	10	10	10	10	10	10
	6	10	10	10	10	10	10	10	10
	7	10	10	10	10	10	10	10	10
	8	10	10	10	10	10	10	10	10
	9	10	10	10	10	10	10	10	10
	10	10	10	10	10	10	10	10	10
FLOOR	1	10	10	10	10	10	10	10	10
	2	10	10	10	10	10	10	10	10
	3	10	10	10	10	10	10	10	10
	4	10	10	10	10	10	10	10	10
	5	10	10	10	10	10	10	10	10
	6	10	10	10	10	10	10	10	10
	7	10	10	10	10	10	10	10	10
	8	10	10	10	10	10	10	10	10
	9	10	10	10	10	10	10	10	10
	10	10	10	10	10	10	10	10	10
ROOF	1	10	10	10	10	10	10	10	10
	2	10	10	10	10	10	10	10	10
	3	10	10	10	10	10	10	10	10
	4	10	10	10	10	10	10	10	10
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	7	10	10	10	10	10	10	10	10
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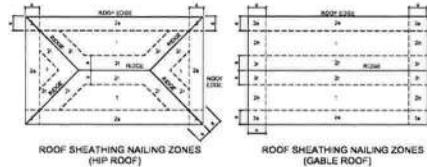


Garage End Wall DETAIL
SCALE: NTS

G

ROOF SHEATHING FASTENINGS			
RAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2\"	1/4\"	12\"
2	1/2\"	1/4\"	12\"
3	1/2\"	1/4\"	12\"

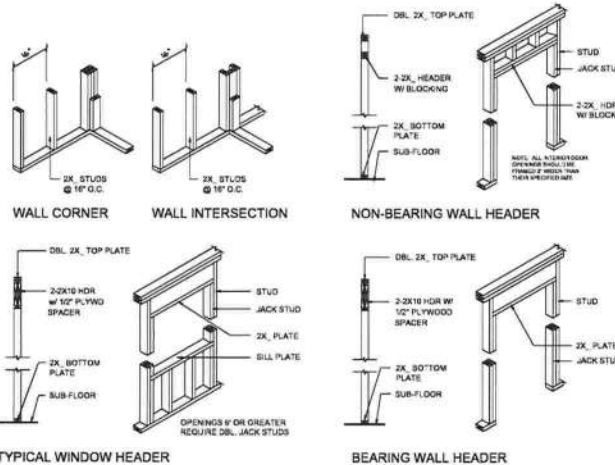
HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG. HEIGHT (FT)	EXPOSURE 1	EXPOSURE 2	EXPOSURE 3
5	0.9	0.9	0.9
10	0.9	0.9	0.9
15	0.9	0.9	0.9



Roof Nail Pattern DET.
SCALE: NONE

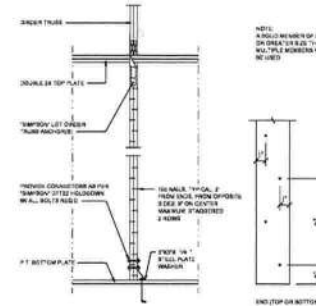
B

HEADER SPANS FOR EXTERIOR BEARING WALLS					
HEADERS SUPPORTING	HEADER SIZE	BUILDING WIDTH (FT)			
		20'	25'	30'	35'
ROOF CEILING	2x4	10'-0"	10'-0"	10'-0"	10'-0"
	2x6	12'-0"	12'-0"	12'-0"	12'-0"
	2x8	14'-0"	14'-0"	14'-0"	14'-0"
	2x10	16'-0"	16'-0"	16'-0"	16'-0"
	2x12	18'-0"	18'-0"	18'-0"	18'-0"
	3x4	10'-0"	10'-0"	10'-0"	10'-0"
	3x6	12'-0"	12'-0"	12'-0"	12'-0"
	3x8	14'-0"	14'-0"	14'-0"	14'-0"
	3x10	16'-0"	16'-0"	16'-0"	16'-0"
	3x12	18'-0"	18'-0"	18'-0"	18'-0"



Wall Framing/Header DETAILS
SCALE: NONE

F



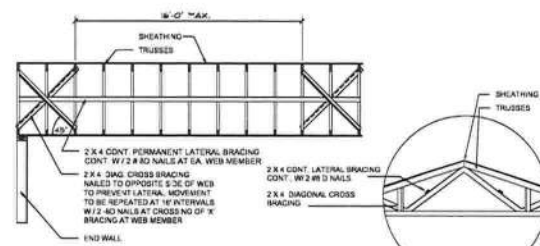
Girder Truss Column DET.
SCALE: 1/2" = 1'-0"

WINDSTORM ALT SHEATHING METHOD
ALTERNATE METHOD FOR SHEATHING THE TOP WALL PLATE TO THE TRUSS CHORDS (1) OF THE EXTERIOR OR INTERIOR WALLS. SEE A-1 FOR IDENTIFICATION (SEE A-1 FOR IDENTIFICATION).
1. APPLY A MINIMUM 1/2\"/>

Alternate "Test" ball concrete anchor system
ANCHOR BALL PLATE WITH 1/2\"/>

Truss Bracing DETAILS
SCALE: AS NOTED

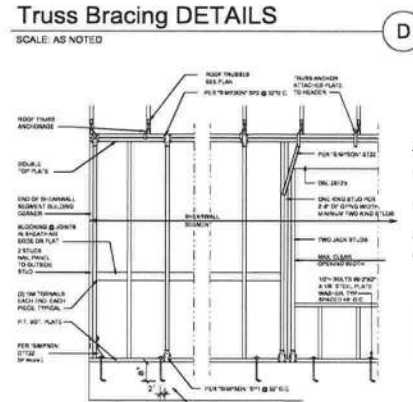
NTS
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE



TYP. PERMANENT TRUSS BRACING DIA.
NTS
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Truss Bracing DETAILS
SCALE: AS NOTED

N. P. GEISLER
Digitally signed by N. P. GEISLER
DN: cn = N. P. GEISLER, o = LDM CONSTRUCTION INC., c = USA
Date: 2022.07.28 11:25:02 -0500



Shear Wall DETAILS
SCALE: NONE

SHEARWALL NOTES
1. ALL EXTERIOR WALLS, 1/2\"/>

OPENING (INCH)	WALL PLATE (INCH)	WALL PLATE (INCH)
0\"/>	2\"/>	2\"/>
1\"/>	2\"/>	2\"/>
2\"/>	2\"/>	2\"/>

REVISIONS

July 18, 2022

SOFTPLAN

DETAILS SHEET

10' x 10'

NEW CUSTOM HOME FOR

MEGAN HOLLOWAY

PROJECT ADDRESS: LOT 20, RIVER HILLS DR., ALACHUA COUNTY, FL, 32310

LDM CONSTRUCTION

1100 SPRINGDALE, FL 32310

23

NICHOLAS GEISLER

1710 NEW BRUNSWICK AVE, SUITE 100, ALACHUA, FL 32310

ARCHITECT

JOB NUMBER

20211222

SHEET NUMBER

S.4

OF 4 SHEETS