



REVISIONS SCHEDULE	
PROPOSAL	Jan. 14th, 2022
REVISIONS	Feb. 28th, 2022
REVISIONS	Mar. 21st, 2022

CUSTOM HOME FOR:
ZIEGER RESIDENCE

**RIDGEPOINT
DESIGN**
304 NW ARADITION BLVD. STE. 101, LAKE CITY, FL 32833
P. 386-288-1188
E. RIDGEPOINTDESIGN@GMAIL.COM

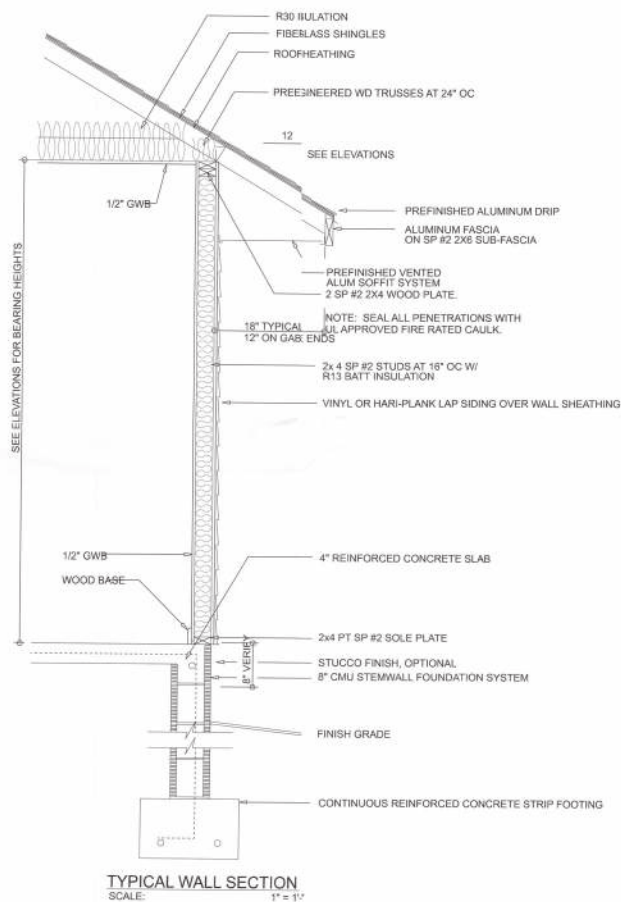
SHEET NUMBER
A.1
OF 5 SHEETS

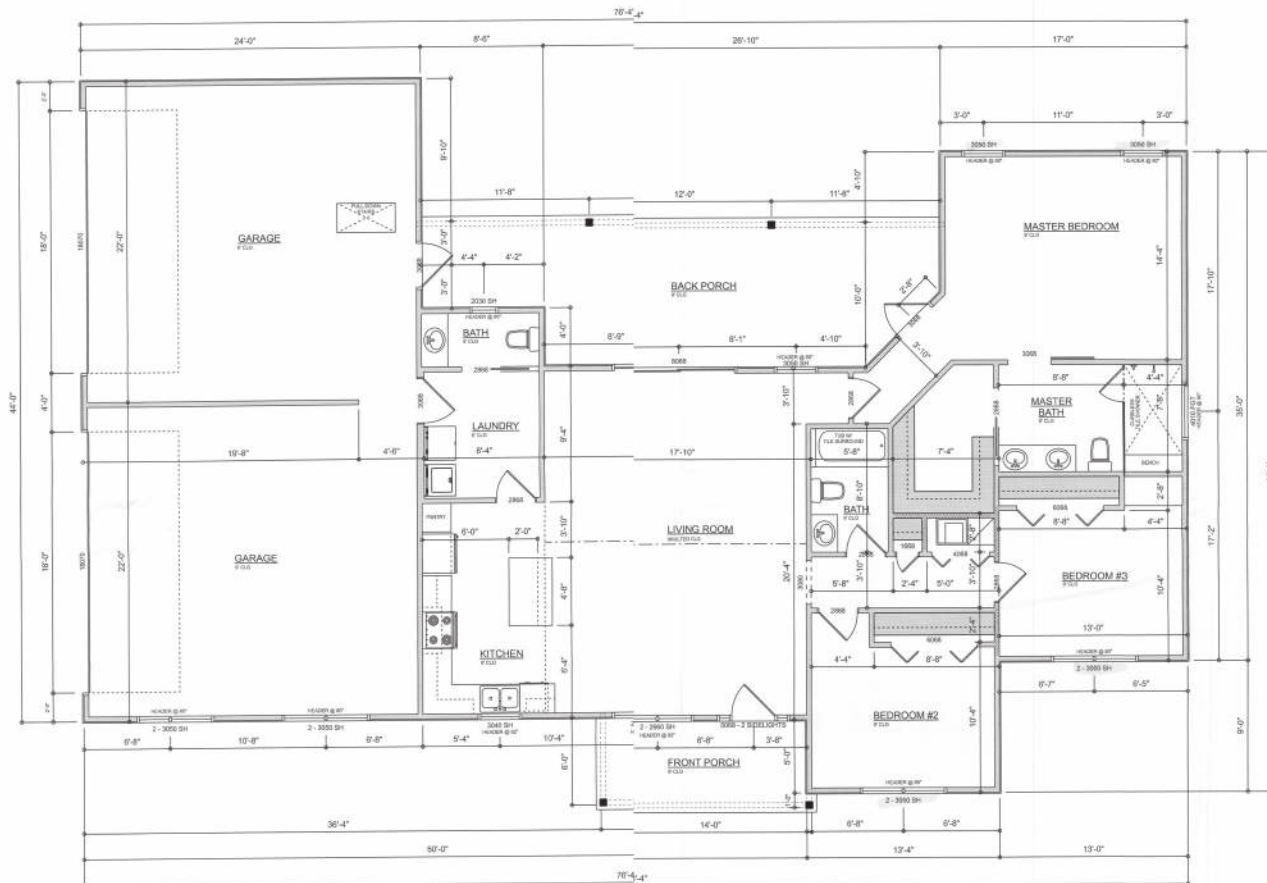
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LARRY W. RICE, P.E.
ZIEGER RESIDENCE

RIDGEPOINT DESIGN
 1000 W. US HWY 1, SUITE 100, LAKELAND, FL 33803
 P: 386-288-1188
 E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.2
 OF 5 SHEETS





DIMENSIONED FLOOR PLAN
SCALE: 1/8" = 1'-0"

AREA SUMMARY	
LIVING	1,584 S.F.
FRONT PORCH	82 S.F.
BACK PORCH	306 S.F.
GARAGE	1,052 S.F.
TOTAL UNDER ROOF	3,024 S.F.

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LAST NAME FIRST NAME
ZIEGER RESIDENCE



SHEET NUMBER
A.3
OF 5 SHEETS

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
CEILING FAN	5	
CAN LIGHT 6inch	18	
LED CEILING LIGHT 1x4	5	
PENDANT LIGHT	2	
EXTERIOR SCORCE	3	
MOTION SECURITY LIGHT	4	
AC DISCONNECT	1	
CABLE TV OUTLET	5	
EXHAUST FAN	3	
FLOOR OUTLET DUPLEX	2	
OUTLET	28	
OUTLET 220v	3	
OUTLET GFI	18	
OUTLET WP	3	
SMOKE DETECTOR	5	
STANDARD LIGHT	3	
SWITCH	24	
SWITCH 3 WAY	17	
VANITY BAR LIGHT - SMALL	4	
CHANDELIER	1	

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER LATEST NAT'L. ELECTRIC CODE.
WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT
PER MANUF. SPECIFICATIONS

CONSULT WITH THE OWNER FOR THE NUMBER OF SEPERATE
TELEPHONE LINES TO BE INSTALLED

ALL SMOKE DETECTORS SHALL BE 120v-WO BATTERY
BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL
BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR
ALL BEDROOMS

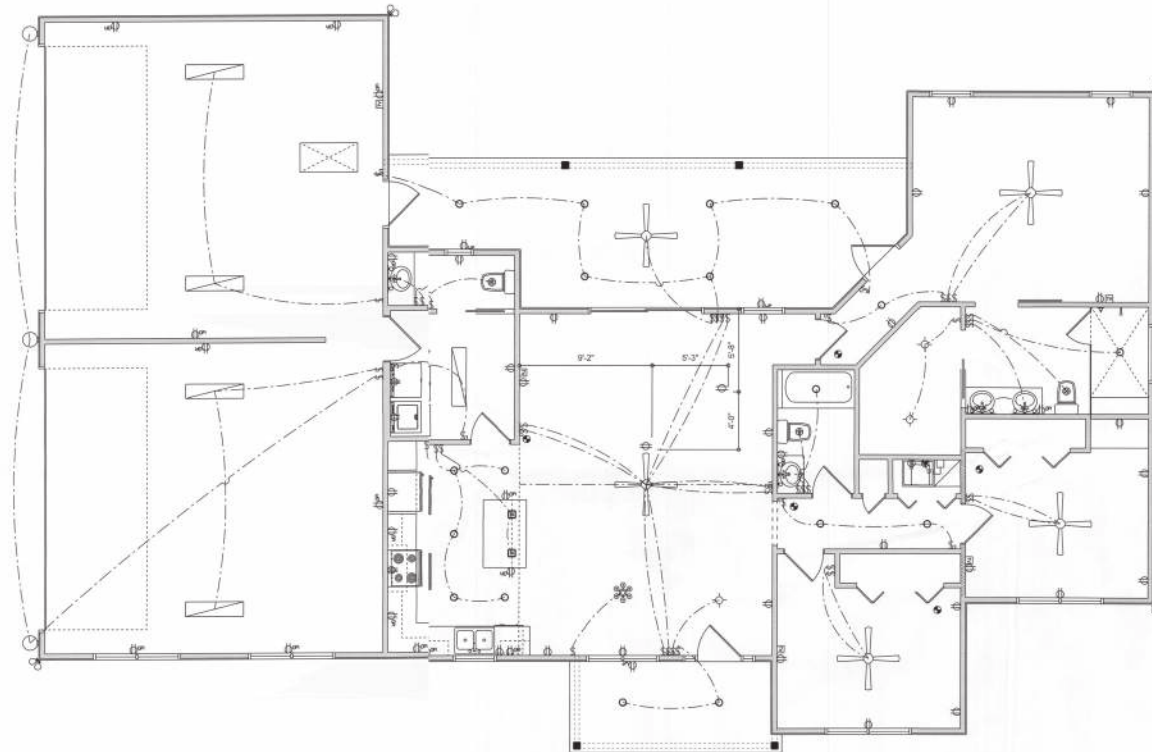
TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE
DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S
DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE
SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS, NOT OTHERWISE NOTED, SHALL BE ARC
FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS

ALL RECEPTICALS IN WET AREAS SHALL BE GROUND
FAULT INTERRUPTER TYPE (GFI)

ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF
GROUND FAULT INTERRUPTER TYPE (WIRGFI)

NOTE:
ELECTRICAL CONTR. SHALL PREPARE "AS-BUILT" SHOP
DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY
CHANGES TO THE ELEC. PLAN, ADDS TO THE ELEC. PLAN,
RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL OUTS
IDENTIFIED W/ CKT NO. DESCRIPTION & BRKR. SERVICE ENT.
& ALL UNDERGROUND WIRE LOCATIONS/ROUTING / DEPTH.
RISER DIA. SHALL INCLUDE WIRE SIZE/TYPE & EQUIPMENT
TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY



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

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CUSTOM HOME FOR:	ZIEGER RESIDENCE
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RIDGEPOINT

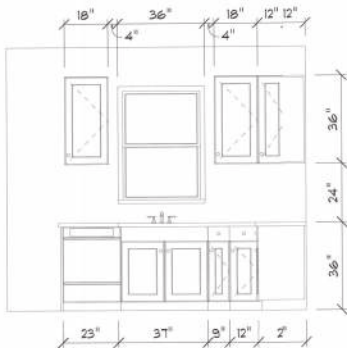
DESIGN

3600 W. 14TH AVENUE, SUITE 100, DENVER, CO 80202

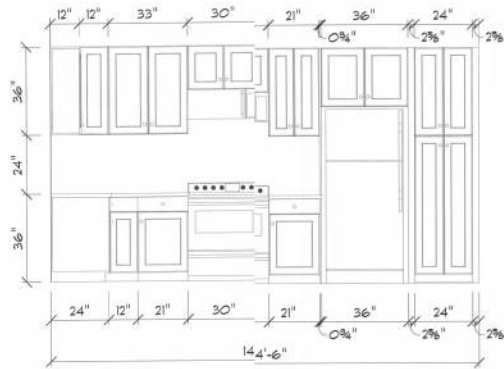
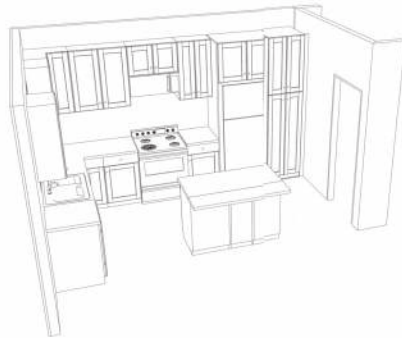
P: 303-288-1188

E: RIDGEPOINTDESIGN@GMAIL.COM

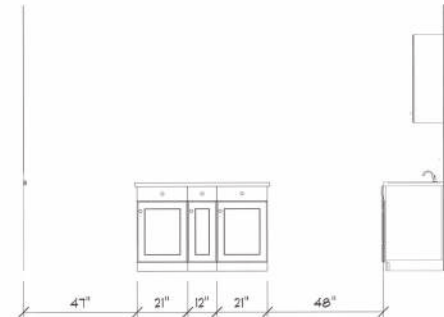
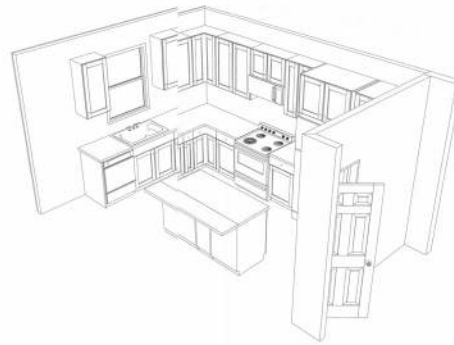
SHEET NUMBER
A.4
OF 5 SHEETS



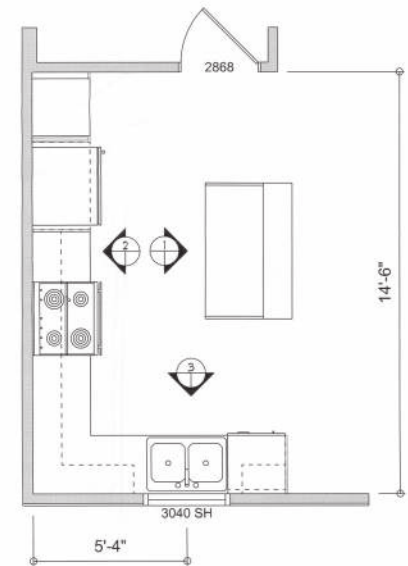
CABINET ELEVATION 3
SCALE: 1/4" = 1'-0"



CABINET ELEVATION 2
SCALE: 1/4" = 1'-0"



CABINET ELEVATION 1
SCALE: 1/4" = 1'-0"



KITCHEN CABINETS
SCALE: 1/4" = 1'-0"

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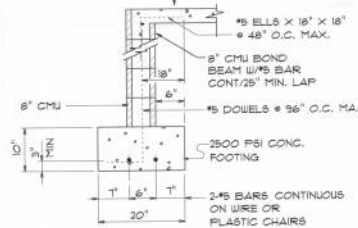
RIDGEPOINT DESIGN
ARCHITECTS
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

SHEET NUMBER
A.5
OF 5 SHEETS

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 GO. SHALL BE PLACED IN 6" 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 500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 6" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A615 - MIN. YIELD STRESS = 55 KSI.
- CONCRETE SHALL BE STANDARD MIX P.C. + 3000 PSI FOR ALL FTGS. SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD MIX P.C. + 3000 PSI, STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F# = 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" STANDARD FOR STRUCTURAL STEEL APPLICATIONS.
- 2x4 PLY WOOD SHALL CONT. ALL AROUND W/ 5/8" A.B. W/ 2" x 6" PLATE WASHERS WITH 5/8" FROM EACH CORNER EA. WAY. 4" WITHIN 8'-0" FROM ALL WALL OPENINGS / BAYS - 1" A.B. W/ 2" x 6" WASHERS ALONG EACH RUN = 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 6" EMBEDMENT INTO THE CONCRETE.

4" THK. 3000 PSI CONCRETE SLAB
W/ FIBERESH CONCRETE ADDITIVE
OVER TREATED, CLEAN COMPACTED FILL



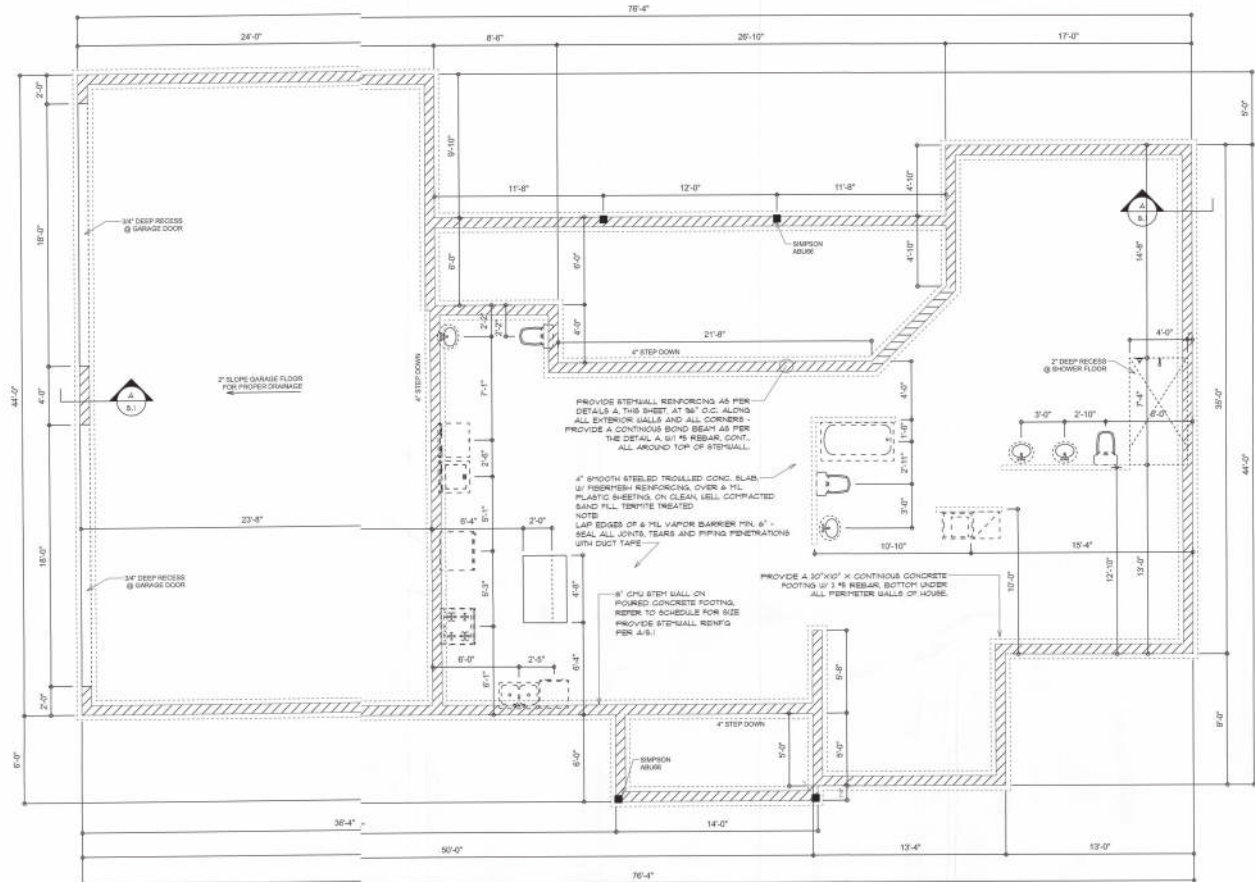
SECTION
SCALE: 3/4" = 1'-0"

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 405 AND LOCAL JURISDICTION REQUIREMENTS

NOTE:
ADDED FILL SHALL BE APPLIED IN 6" LIFTS - EA. LIFT SHALL BE COMPACTIONED 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 DRAWING 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., Riser LINE, EQUIPMENT SCH. & BALANCING REPORT - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DRAWING TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



DIMENSIONED FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

REVISIONS
Mar. 21st, 2022

CUSTOM HOME FOR
ZIEGER RESIDENCE

NICHOLAS PAUL
GENERAL
ARCHITECT
1780 112 Brown Rd.
Little Rock, AR 72205

SHEET NUMBER
S.1
OF 4 SHEETS

10/13/2022
AR0007005

STANDARD HEADER SCHEDULE

0'-0" UP TO 6'-0" OPENINGS

DOUBLE 3/4" x 1/2" SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLED AND NAILED WITH 10d x 0.08" x 3" NAILS IN 2 ROWS x 12" O.C. STAGGERED EACH SIDE WITH 1 - BRIMSON PISTON TOP AND 1 - BRIMSON SPHAR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 1 FULL HEIGHT STUD EACH SIDE OF OPENING

6'-0" UP TO 9'-0" OPENINGS

DOUBLE 3/4" x 1/2" SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLED AND NAILED WITH 10d x 0.08" x 3" NAILS IN 2 ROWS x 12" O.C. STAGGERED EACH SIDE WITH 1 - BRIMSON PISTON TOP AND 1 - BRIMSON SPHAR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

9'-0" UP TO 16'-0" OPENINGS

DOUBLE 3/4" x 1/2" SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLED AND NAILED WITH 10d x 0.08" x 3" NAILS IN 2 ROWS x 12" O.C. STAGGERED EACH SIDE WITH 1 - BRIMSON PISTON TOP AND 1 - BRIMSON SPHAR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

16'-0" GARAGE DOOR OPENINGS

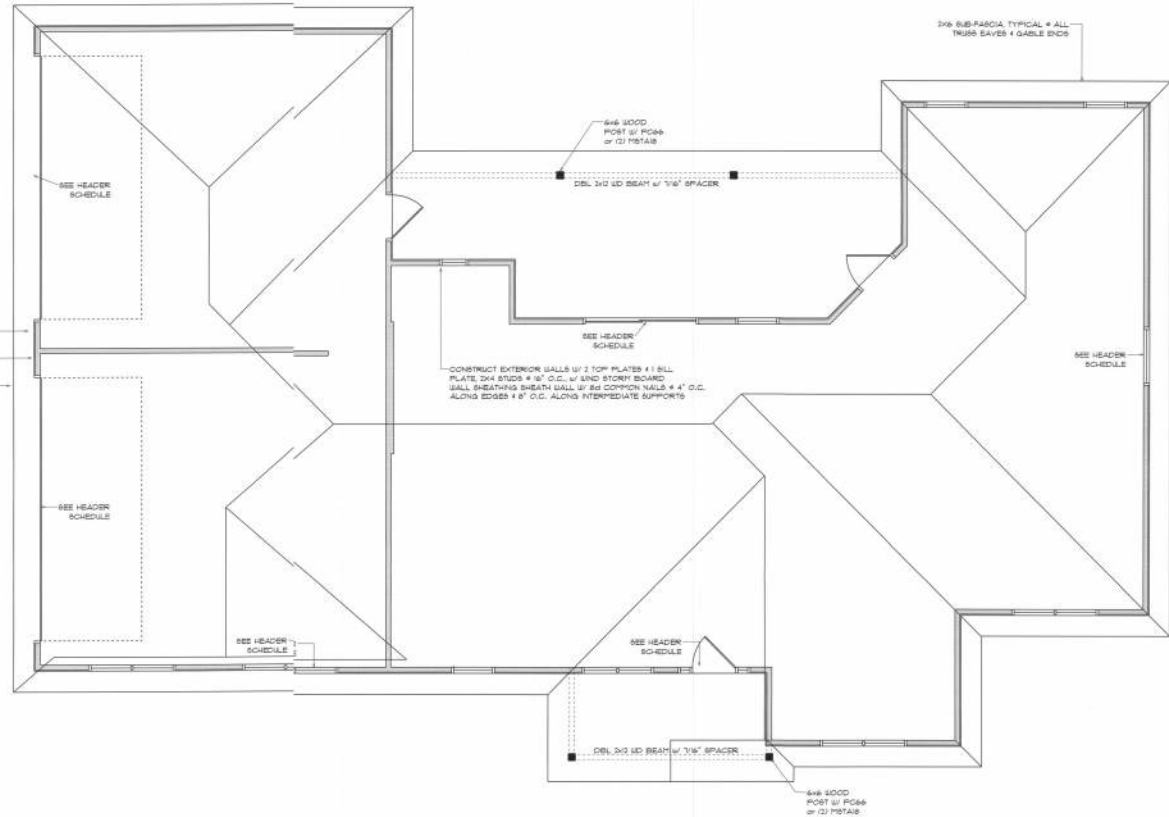
2 PLY 1/4" x 1/8" LGS MICROALUM LVLs HEADER GLED AND NAILED WITH 10d x 0.08" x 3" NAILS IN 2 ROWS x 12" O.C. STAGGERED EACH SIDE WITH 1 - BRIMSON PISTON TOP AND 1 - BRIMSON SPHAR BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

NOTE:
BREATH ROOF w/ 1/2" CDX PLYWOOD PLACED w/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. SECURE TO TRUSSING w/ 8d NAILS - AS PER DETAIL ON SHEET S0.4

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

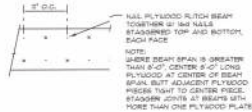
NOTE:
ANCHOR GORDER TRUSSES TO HEADER WITH 1 "BRIMSON" LOTS 3 OR 4. ANCHOR HEADER TO KING STUDS WITH 1 "BRIMSON" STR 6d END - TYP. T.O.

ANCHOR ALL TRUSSES WITH "BRIMSON" 10d STRAPS 4 6 - 12" NAILS.
FASTEN TOP PLATE WITH 8d NAILS AT 12" O.C. TYPICAL T.O.
2x6 SUB-FASCIA TYPICAL 4 ALL TRUSS EAVES 4 GABLE ENDS



MULTIPLE GANG LAM. DETAIL

NOT TO SCALE



PLYWOOD FUCH BEAM DETAIL

NOT TO SCALE

B/U Beam DETAILS

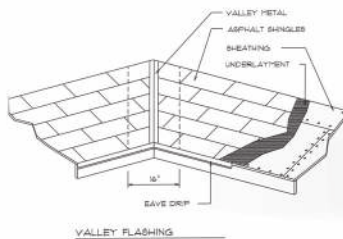
SCALE: NONE

ROOF FRAMING PLAN

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

WOOD STRUCTURAL NOTES

1. TEMPORARY BRACINGS OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SO ENGAGED, TEMPORARY 4 PERMANENT BRACINGS OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE TRUSS PLATE INSTITUTE.
2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER 4 SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS 4 THE STANDARD SPECIFICATIONS 4 RECOMMENDATIONS OF INSTALLATION OF THE TRUSS PLATE INSTITUTE.
3. WOOD STUDS IN EXTERIOR WALLS 4 INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N-3 HEM-FIR OR BETTER.
4. CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.



ROOFING METALLS for FLASHING/ROOFING			
MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (IN)	GAGE	WEIGHT (LB)
COPPER			16
ALUMINUM	0.034		
STAINLESS STEEL		36	
GALVANIZED STEEL	0.018	26 (ZINC COATED 55%)	
ZINC ALLOY	0.021		40
LEAD			30
PAINTED TERNE			

Roofing/Flashing DETS.

SCALE: NONE

A

ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANGS 18" (3" ON GUTTER)
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON S0.3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND KEEF HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO MEAN

GENERAL TRUSS NOTES:

1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL ROOFING PRODUCTS ASSOCIATION" MANUAL FOR TRUSS RATES LAYOUT AND ITS CONNECTIONS. LATEST Ed. ALONG w/ THE TRUSS PLATE INSTITUTE SUGGESTED GUIDELINES FOR TEMPORARY 4 PERMANENT BRACING AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS 4 TRUSS TO TRUSS CONNECTIONS.
2. TRUSS SHOP DRAWINGS SHALL BE SIGNED 4 SEALED BY THE DESIGNING ENGINEER.
3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED. DISCREPANCIES ON THE ENGINEERED QUALITY AND USE UNLIT REQUIREMENTS OF TRUSSES OR OVERSIGHTS, THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS PROPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

REVISIONS
Mar 21st, 2022

CUSTOM HOME FOR
ZIEGER RESIDENCE

NICHOLAS PAUL GIESLER ARCHITECT
1000 W. 1st Street, Suite 100, Lake City, IL 60066

SHEET NUMBER
S.2
OF 1 SHEETS



General Roofing NOTES:

DECK REQUIREMENTS

METAL PANELS MUST BE FASTENED TO MIN. 1/2" CDX PLYWOOD.

SLOPE

METAL PANELS SHALL BE USED ONLY ON ROOF SLOPES OF 3/12 OR GREATER TO INSURE PROPER DRAINAGE.

CALKING

MUST BE APPROVED BY THE MANUFACTURER. BUTYL SEALANT SUPPLIED IN TAPE OR GUN-GRADE FORM.

METAL PANEL

METAL PANELS SHALL BE MIN. 36 GAUGE AND COMPLY WITH ASTM A792 AND D 758 EXPOSURE C AS ADOPTED IN SOUTH FLORIDA.

FASTENERS

FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREWS, MINIMUM OF #8 X 1 1/2" DEK-HEAD.

ATTACHMENT

METAL PANELS SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 34" O.C. LAMINE ROOF IS LOCATED IN SHED AND SPEED OF 10 MPH OR GREATER. SPECIAL METHODS OF FASTENING ARE REQUIRED, UNLESS OTHERWISE NOTED. ATTACHMENT OF METAL PANELS SHALL CONFORM WITH ASTM E 330 OR FIA 55.

BASE AND CAP FLASHINGS

BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH FPMR'S INSTALLATION INSTRUCTIONS.

1. RCH - RIDGE CAP
2. ED - EAVE DRIP
3. ED - EAVE FLASHING
4. ED - ENDWALL FLASHING
5. ED - ENDWALL FLASHING
6. GR - GABLE END ON RAKE BOARD FLASHING
7. TR - TRANSITION FLASHING
8. PV - PNEUMATIC VALLEY FLASHING
9. BUTYL TAPE
10. SEALANT TAPE
11. FIBERGLASS

UNDERLAYMENT APPLICATION

FOR ROOF SLOPES FROM 3/12 TO 4/12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:

1. STARTING AT THE EAVE, A 3" MIN. STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 18 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPES 4/12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:

1. STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED IN SINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS

BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH FPMR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MINIMUM THICKNESS 0.018 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 1.1 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM THICKNESS 0.018 INCH.

VALLEYS

VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ROOFING MATERIAL. VALLEY LINING OF THE FOLLOWING TYPES SHALL BE PERMITTED:

1. OPEN VALLEYS LINED WITH METAL. THE VALLEY LINING SHALL BE AT LEAST 1/8" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 303.3.2.
2. OPEN VALLEYS: VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
 - a. BOTH TYPES 1 AND 2 ABOVE COMBINED.
 - b. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 334.
 - c. SPECIALLY UNDERLAYMENT AT LEAST 36 INCHES WIDE 4 COMPLYING WITH ASTM D 330.



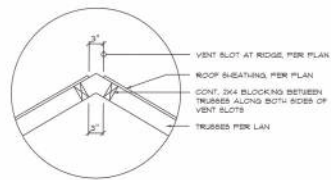
MULTIPLE GANG LAM. DETAIL
NOT TO SCALE



PLWOOD FLITCH BEAM DETAIL
NOT TO SCALE

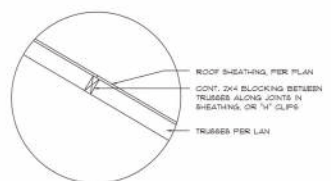
B/U Beam DETAILS

SCALE: NONE



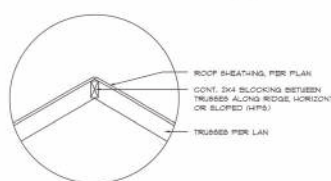
Vent DETAIL

SCALE: NONE



Joint DETAIL

SCALE: NONE



Ridge DETAIL

SCALE: NONE

FRAMING ANCHOR SCHEDULE

APPLICATION

TRUSS TO WALL:
ANCHOR TRUSS TO POST/BEAM/DECK:
HEADER TO KING STUD(S):
PLATE TO STUD:
STUD TO STUD:
PORCH BEAM TO POST:
PORCH POST TO FLOOR:
FLOOR JOINTS

MANUF./MODEL

SPRINSON 102.54 or 800CIN600
SPRINSON LOT 101/28 - 1st NAILB
SPRINSON 8722
NO CONNECTION REQ. WHEN USING UNDERSTORY BOARD
NO CONNECTION REQ. WHEN USING UNDERSTORY BOARD
SPRINSON PC44 or (2) 5/8" LAG BOLTS EA. POST
SPRINSON AB244
SPRINSON A34

CAP.

800C
102.54
101/28

FOOT.

100C
200C
300C/340C

NOTE:

ALL ANCHORS SHALL BE SECURED BY NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:

REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/JOINT REINFORCEMENT AND FASTENERS.

NOTE:

ALL UNBUILT JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SPRINSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:

"SENICO" PRODUCT APPROVAL:

MIAMI-DADE COUNTY REPORT #S-0818

NOTE:

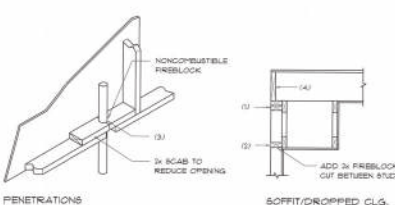
"SPRINSON" PRODUCT APPROVALS:

MIAMI-DADE COUNTY REPORT #S-070106, #S-106-11, #S-0823-04

SPRINSON NER-443, NER-393

WIND SPEED (MPH)	BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT > 30.0', EXPOSURE "B" ROOF ANGLE 1° TO 2°			
	WIND 10 MPH	WIND 20 MPH	WIND 30 MPH	WIND 40 MPH
10	10.0 / -10.0	10.0 / -10.0	10.0 / -10.0	10.0 / -10.0
20	11.4 / -11.4	11.4 / -11.4	11.4 / -11.4	11.4 / -11.4
30	13.0 / -13.0	13.0 / -13.0	13.0 / -13.0	13.0 / -13.0
40	14.7 / -14.7	14.7 / -14.7	14.7 / -14.7	14.7 / -14.7
50	16.5 / -16.5	16.5 / -16.5	16.5 / -16.5	16.5 / -16.5
60	18.4 / -18.4	18.4 / -18.4	18.4 / -18.4	18.4 / -18.4
70	20.3 / -20.3	20.3 / -20.3	20.3 / -20.3	20.3 / -20.3
80	22.3 / -22.3	22.3 / -22.3	22.3 / -22.3	22.3 / -22.3
90	24.3 / -24.3	24.3 / -24.3	24.3 / -24.3	24.3 / -24.3
100	26.3 / -26.3	26.3 / -26.3	26.3 / -26.3	26.3 / -26.3
110	28.3 / -28.3	28.3 / -28.3	28.3 / -28.3	28.3 / -28.3
120	30.3 / -30.3	30.3 / -30.3	30.3 / -30.3	30.3 / -30.3
130	32.3 / -32.3	32.3 / -32.3	32.3 / -32.3	32.3 / -32.3
140	34.3 / -34.3	34.3 / -34.3	34.3 / -34.3	34.3 / -34.3
150	36.3 / -36.3	36.3 / -36.3	36.3 / -36.3	36.3 / -36.3
160	38.3 / -38.3	38.3 / -38.3	38.3 / -38.3	38.3 / -38.3
170	40.3 / -40.3	40.3 / -40.3	40.3 / -40.3	40.3 / -40.3
180	42.3 / -42.3	42.3 / -42.3	42.3 / -42.3	42.3 / -42.3
190	44.3 / -44.3	44.3 / -44.3	44.3 / -44.3	44.3 / -44.3
200	46.3 / -46.3	46.3 / -46.3	46.3 / -46.3	46.3 / -46.3

BLDG. HEIGHT	HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING		
	EXPOSURE "A"	EXPOSURE "B"	EXPOSURE "C"
10	1.00	1.00	1.00
20	1.00	1.00	1.00
30	1.00	1.00	1.00
40	1.00	1.00	1.00
50	1.00	1.00	1.00
60	1.00	1.00	1.00
70	1.00	1.00	1.00
80	1.00	1.00	1.00
90	1.00	1.00	1.00
100	1.00	1.00	1.00
110	1.00	1.00	1.00
120	1.00	1.00	1.00
130	1.00	1.00	1.00
140	1.00	1.00	1.00
150	1.00	1.00	1.00
160	1.00	1.00	1.00
170	1.00	1.00	1.00
180	1.00	1.00	1.00
190	1.00	1.00	1.00
200	1.00	1.00	1.00



FIRE STOPPING NOTES:

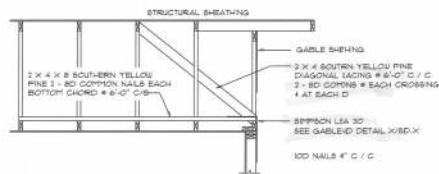
1. FIRESTOPPING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING PURSED BRACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, COVE CEILING, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND REPLACES AT CEILING AND FLOOR LEVELS WITH TYPE-KOMAL, MULTIPLE SEALANT.
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ANCHOR OF FLOOR JOINTS. FIRESTOPPING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOINTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

FLORIDA BUILDING CODE Compliance Summary	
TYPE OF CONSTRUCTION:	Roof: Gable Construction, Wood Truss & 24" O.C. Deck. 2nd Floor: 2nd Floor Slab & 18" O.C. Deck. 3rd Floor: 3rd Floor Slab & 18" O.C. Deck. Foundation: Continuous Foundation (all)
ROOF DOCKING:	Material: 1/2" CDX Plywood or 7/16" O.S.B. Sheet Size: 48" x 96" Sheets Paired Vertical. Fasteners: 1/2" RING SHANKED Nails per schedule on sheet 5.4
SHEARWALLS:	Material: 1/2" CDX Plywood or 7/16" O.S.B. Sheet Size: 48" x 96" Sheets Paired Vertical. Fasteners: 1/2" RING SHANKED Nails & 4" O.C. Edges & 6" O.C. Interior. Diaphragm: Double Top Plate (8" x 12" J) Unid Nails & 12" O.C. 2nd Floor & 3rd Floor
HURRICANE UPLIFT CONNECTIONS:	Truss Anchors: SPRINSON 102.54 & 2x Truss End (Type 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948,

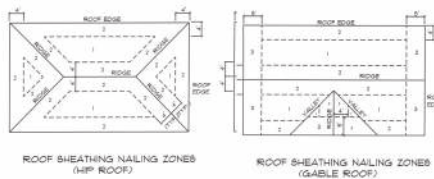


END WALL BRACING FOR CEILING DIAPHRAGM

NTS (ALTERNATIVE TO BALLOON FRAMING)
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

A

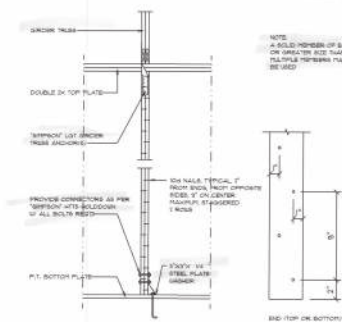
ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/4" O.S.B. OR G-52 GCB	25 KING SHANKED NAILS	6" O.C. @ E, S, E, S
2			6" O.C. @ E, S, E, S
3			6" O.C. @ E, S, E, S
4			6" O.C. @ E, S, E, S
5			6" O.C. @ E, S, E, S
6			6" O.C. @ E, S, E, S
7			6" O.C. @ E, S, E, S
8			6" O.C. @ E, S, E, S
9			6" O.C. @ E, S, E, S
10			6" O.C. @ E, S, E, S
11			6" O.C. @ E, S, E, S
12			6" O.C. @ E, S, E, S
13			6" O.C. @ E, S, E, S
14			6" O.C. @ E, S, E, S
15			6" O.C. @ E, S, E, S
16			6" O.C. @ E, S, E, S
17			6" O.C. @ E, S, E, S
18			6" O.C. @ E, S, E, S
19			6" O.C. @ E, S, E, S
20			6" O.C. @ E, S, E, S
21			6" O.C. @ E, S, E, S
22			6" O.C. @ E, S, E, S
23			6" O.C. @ E, S, E, S
24			6" O.C. @ E, S, E, S
25			6" O.C. @ E, S, E, S
26			6" O.C. @ E, S, E, S
27			6" O.C. @ E, S, E, S
28			6" O.C. @ E, S, E, S
29			6" O.C. @ E, S, E, S
30			6" O.C. @ E, S, E, S
31			6" O.C. @ E, S, E, S
32			6" O.C. @ E, S, E, S
33			6" O.C. @ E, S, E, S
34			6" O.C. @ E, S, E, S
35			6" O.C. @ E, S, E, S
36			6" O.C. @ E, S, E, S
37			6" O.C. @ E, S, E, S
38			6" O.C. @ E, S, E, S
39			6" O.C. @ E, S, E, S
40			6" O.C. @ E, S, E, S
41			6" O.C. @ E, S, E, S
42			6" O.C. @ E, S, E, S
43			6" O.C. @ E, S, E, S
44			6" O.C. @ E, S, E, S
45			6" O.C. @ E, S, E, S
46			6" O.C. @ E, S, E, S
47			6" O.C. @ E, S, E, S
48			6" O.C. @ E, S, E, S
49			6" O.C. @ E, S, E, S
50			6" O.C. @ E, S, E, S
51			6" O.C. @ E, S, E, S
52			6" O.C. @ E, S, E, S
53			6" O.C. @ E, S, E, S
54			6" O.C. @ E, S, E, S
55			6" O.C. @ E, S, E, S
56			6" O.C. @ E, S, E, S
57			6" O.C. @ E, S, E, S
58			6" O.C. @ E, S, E, S
59			6" O.C. @ E, S, E, S
60			6" O.C. @ E, S, E, S
61			6" O.C. @ E, S, E, S
62			6" O.C. @ E, S, E, S
63			6" O.C. @ E, S, E, S
64			6" O.C. @ E, S, E, S
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66			6" O.C. @ E, S, E, S
67			6" O.C. @ E, S, E, S
68			6" O.C. @ E, S, E, S
69			6" O.C. @ E, S, E, S
70			6" O.C. @ E, S, E, S
71			6" O.C. @ E, S, E, S
72			6" O.C. @ E, S, E, S
73			6" O.C. @ E, S, E, S
74			6" O.C. @ E, S, E, S
75			6" O.C. @ E, S, E, S
76			6" O.C. @ E, S, E, S
77			6" O.C. @ E, S, E, S
78			6" O.C. @ E, S, E, S
79			6" O.C. @ E, S, E, S
80			6" O.C. @ E, S, E, S
81			6" O.C. @ E, S, E, S
82			6" O.C. @ E, S, E, S
83			6" O.C. @ E, S, E, S
84			6" O.C. @ E, S, E, S
85			6" O.C. @ E, S, E, S
86			6" O.C. @ E, S, E, S
87			6" O.C. @ E, S, E, S
88			6" O.C. @ E, S, E, S
89			6" O.C. @ E, S, E, S
90			6" O.C. @ E, S, E, S
91			6" O.C. @ E, S, E, S
92			6" O.C. @ E, S, E, S
93			6" O.C. @ E, S, E, S
94			6" O.C. @ E, S, E, S
95			6" O.C. @ E, S, E, S
96			6" O.C. @ E, S, E, S
97			6" O.C. @ E, S, E, S
98			6" O.C. @ E, S, E, S
99			6" O.C. @ E, S, E, S
100			6" O.C. @ E, S, E, S



Roof Nail Pattern, DET.

SCALE: NONE

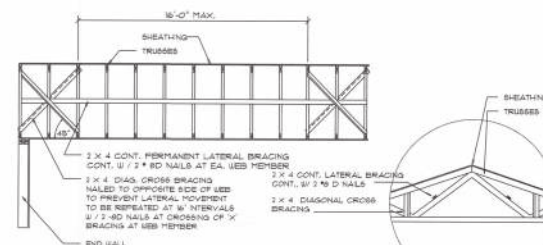
B



Girder Truss Column DET.

SCALE: 1/2\"/>

C



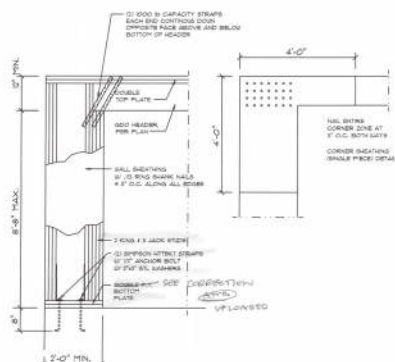
TYP. PERMANENT TRUSS BRACING DIA.

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

Truss Bracing DETAILS

SCALE: AS NOTED

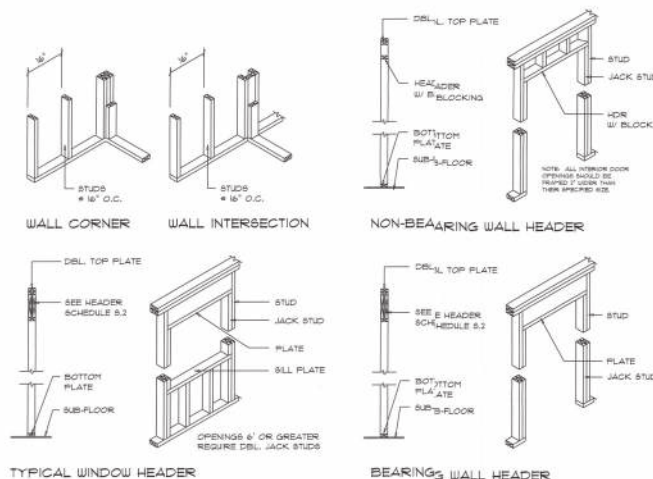
D



Garage End Wall DETAILS

SCALE: 1/2\"/>

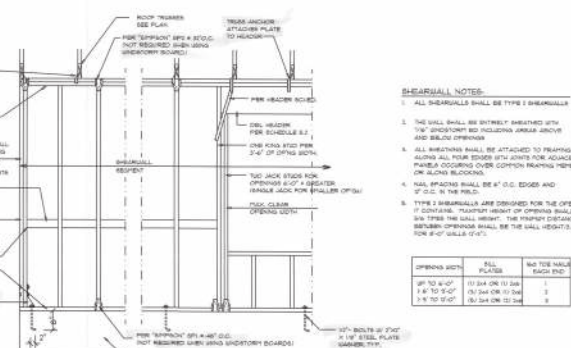
E



Wall Framing/Header DETAILS

SCALE: NONE

F



Shear Wall DETAILS

SCALE: NONE

- SHEARWALL NOTES:**
- ALL SHEARWALLS SHALL BE TYPE 1 SHEARWALLS
 - THE WALL SHALL BE EXISTING UNLESS OTHERWISE NOTED
 - ALL SHEARWALLS SHALL BE ATTACHED TO FRAMING
 - ALL SHEARWALLS SHALL BE ATTACHED TO FRAMING
 - ALL SHEARWALLS SHALL BE ATTACHED TO FRAMING

OPENING WIDTH	END PLATE	END TIE NAIL EACH END
0" TO 4'-0"	(1) 2x4 OR (1) 2x6	1
4'-0" TO 8'-0"	(3) 2x4 OR (1) 2x6	2

1/2\"/>

G

REVISIONS
1. 11/14/2022

CUSTOM HOME FOR
ZIEGER RESIDENCE

NICHOLAS PAUL GEISLER ARCHITECTS
1111 N. 1st Street
Law City, IL 60549

SHEET NUMBER
S.4
OF SHEETS

11/14/2022
AK0007005