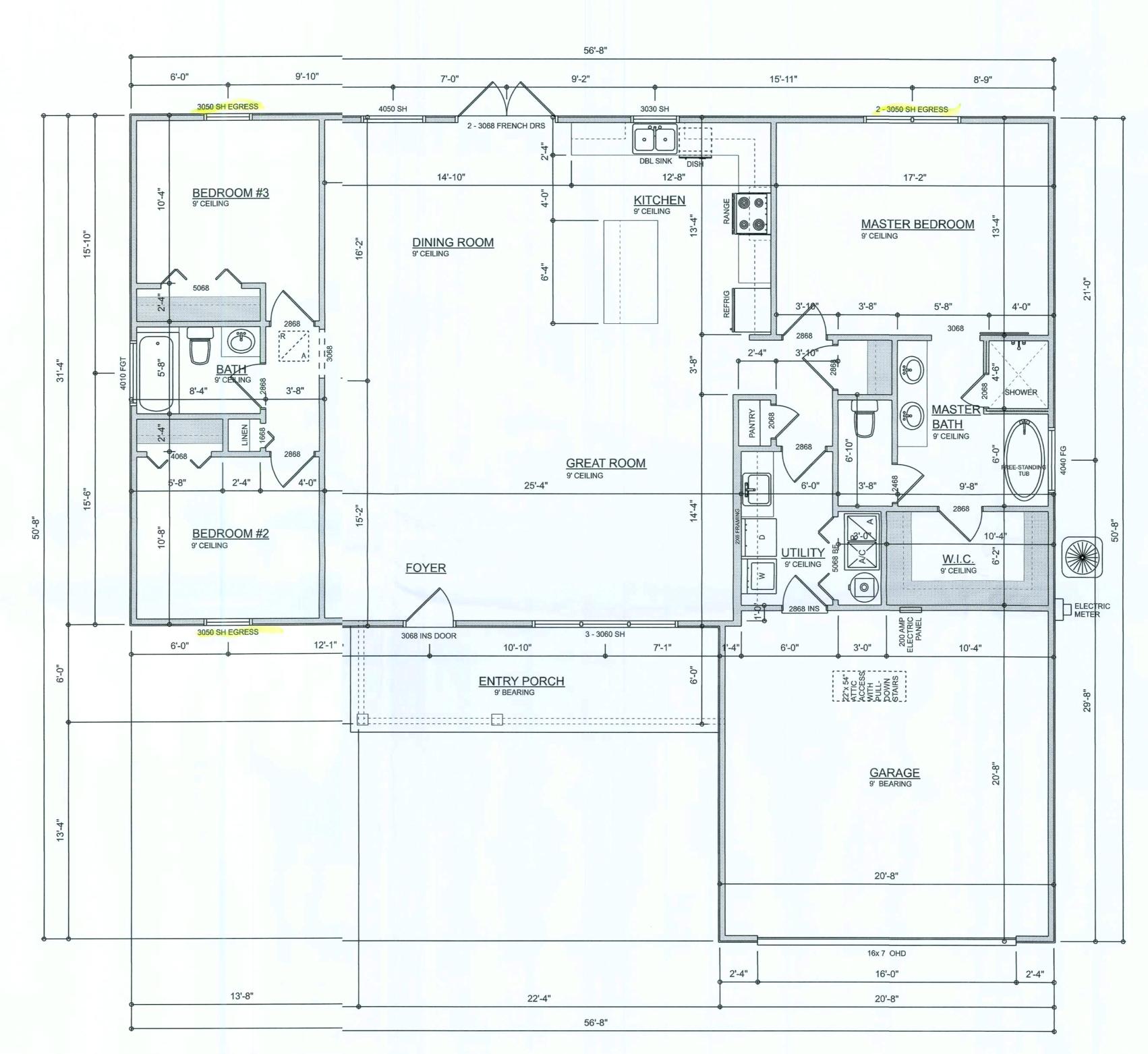


Garage fire separations shall comply with the following:

- 1. The private garage shall be separated from the dwelling unit and its attic area bmeans of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garage beneath habitable rooms shall be separated from all habitable rooms above by not less that 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dweng unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not so than 13/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private gage directly into a room used for sleeping purposes shall not be permitted.
- 2. Ducts in a private garage and ducts penetrating the walls or ceilings separating le dwelling unit from the garage shall be constructed of a minimum 0.019-inch (0.48 nn) sheet steel and shall have no openings into the garage.
- A separation is not required between a Group R-3 and U carport provided the coort is entirely open on two or more sides and there are not enclosed areas above.
- 4. When installing an attic access and/or pull-down stair unit in the garage, devise nall have a minimum 20 min. fire rating.



DIMENSIONED FLOOR FPLAN

ALL CEILING HEIGHTS TO BE 9'

A R E A S U M M A R Y

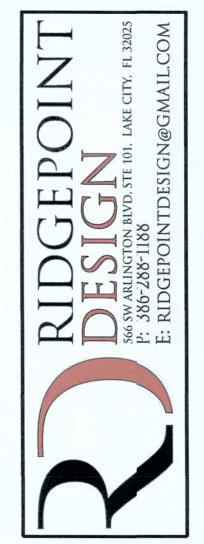
LIVING 1,756 S.F.
ENTRY PORCH 140 S.F.
GARAGE 420 S.F.

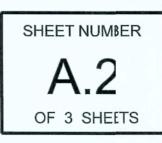
TOTAL LIVING 2,316 S.F.

TOTAL CUBIC FEET OF CONDITIONED SPACE IS: 15,804

APRIL 30th, 2020 PERMIT DRAWINGS

JAMES & LORA DAVID 209 SW Poppy Glen, Lake City, FL 32024





ELECTRIC	L LEGE	ND
ELECTRICAL	COUNT	SYMBOL
CEILING FAN	4	
CAN LIGHT 6inch	8	0
CHANDELIER	2	989 989
LED CEILING LIGHT 1x4	3	
PENDANT LIGHT	2	0
EXTERIOR SCONCE	3	Q
MOTION SECURITY LIGHT	3	₫₽
CABLE TV OUTLET	4	TV
CARBON DETECTOR	1	e
EXHAUST FAN	2	₩
OUTLET	27	Ф
OUTLET 220v	5	₩
OUTLET GFI	14	Ø <sup>GE</sup> 1
OUTLET WP	3	Øw₽
SMOKE DETECTOR	4	•
STANDARD LIGHT	7	- <b></b>
SWITCH	26	\$
SWITCH 3 WAY	12	\$3
VANITY BAR LIGHT - SMALL	_ 3	000

### ELECTRICAL PLAN N(TES:

INSTALLATION SHALL BE PER LATST NAT'L ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNIS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS

CONSULT WITH THE OWNER FORHE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALED

ALL SMOKE DETECTORS SHALL B120v W/ BATTERY BACKUP OF THE PHOTOELECTRICTYPE, AND SHALL BE INTERLOCKED TOGETHER. IN FALL INSIDE AND NEAR ALL BEDROOMS

TELEPHONE, TELEVISION AND OTER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE 3 PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE / APPLICABLE SECTIONS OF NEC-LATEST EDITION.

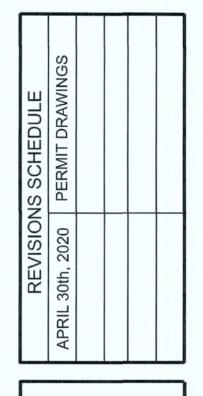
ALL RECEPTICALS, NOT OTHERWE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCET DEDICATED OUTLETS

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

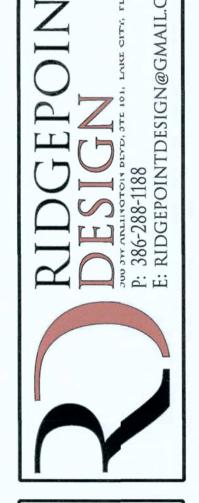
ALL EXTERIOR RECEPTICALS SH/L BE WEATHERPROOF GROUD FAULT INTERRUPTER TYF (WP/GFI)

NOTE:
ELECTRICAL CONT'R SHALL PREIRE "AS-BUILT" SHOP
DWGS INDICATING ALL ELECTRICL WORK, INCLUDING ANY
CHANGES TO THE ELEC. PLAN, AD'NS TO THE ELEC. PLAN,
RISER DIAGRAM, AS-BUILT PANEBCHEDULE W/ ALL CKTS
IDENTIFIED W/ CKT Nr. DESCRIPTIN & BRKR, SERVICE ENT.
& ALL UNDERGROUND WIRE LOCTIONS/ROUTING / DEPTH.
RISER DIA. SHALL INCLUDE WIRBIZES/TYPE & EQUIPMENT
TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVIDE 1:OPY OF AS-BUILT DWGS
TO OWNER & 1 COPY TO THE PERIT ISSUING AUTHORITY

**ELECTRICAL PLAN** -----



JAMES & LORA DAVID

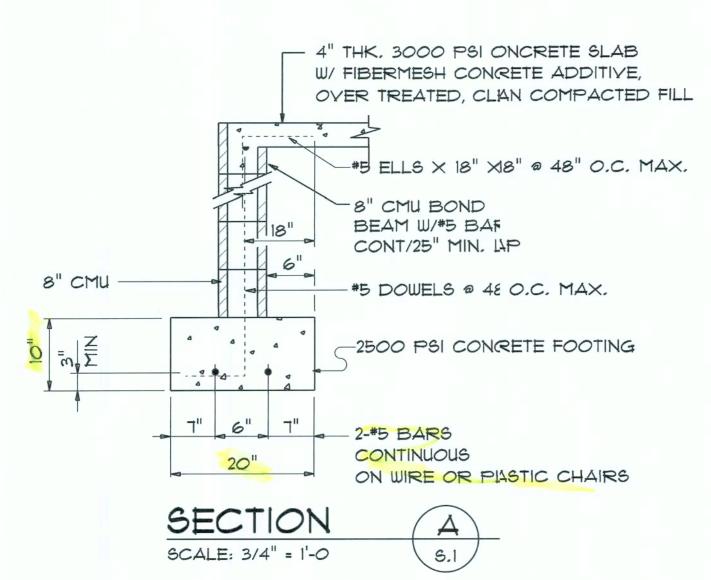


A.3

OF 3 SHEETS

### CONCRETE / MASONRY METALS GENERAL NOTES

- I. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- 2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOIL:ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFIATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDTIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE 4E SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3. CLEAN SAND FILL OVER STRIPPED AND COMPACID EXISTING GD. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AN FILL COMPAC-TION SHALL BE NOT LESS THAN 98% AS MEASUREIBY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR ECH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOFEACH 12" LIFT.
- 4. REINFORCING STEEL SHALL BE GRADE 60 AND MET THE REQUIRE-MENTS OF ASTM A615, ALL BENDS SHALL BE MADICOLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MET THE REQUIRE-MENTS OF ASTM A185 - MIN, YEILD STRESS = 85 KS
- 6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 SI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANARD PUMP MIX F'c = 3000 PSI, STRENGTH SHALL BE ATTAINED WITHIN ; DAYS OF PLACE-MENT. MIXING, PLACING AND FINISHING SHALL BE 3 PER ACI STANDARDS.
- 7. CONCRETE BLOCK SHALL BE AS PER MANUFACTUER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUI SURFACE FINISH -F'm = 1500 PSI.
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MAONRY UNITS.
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A3/STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE OR A325, AS PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

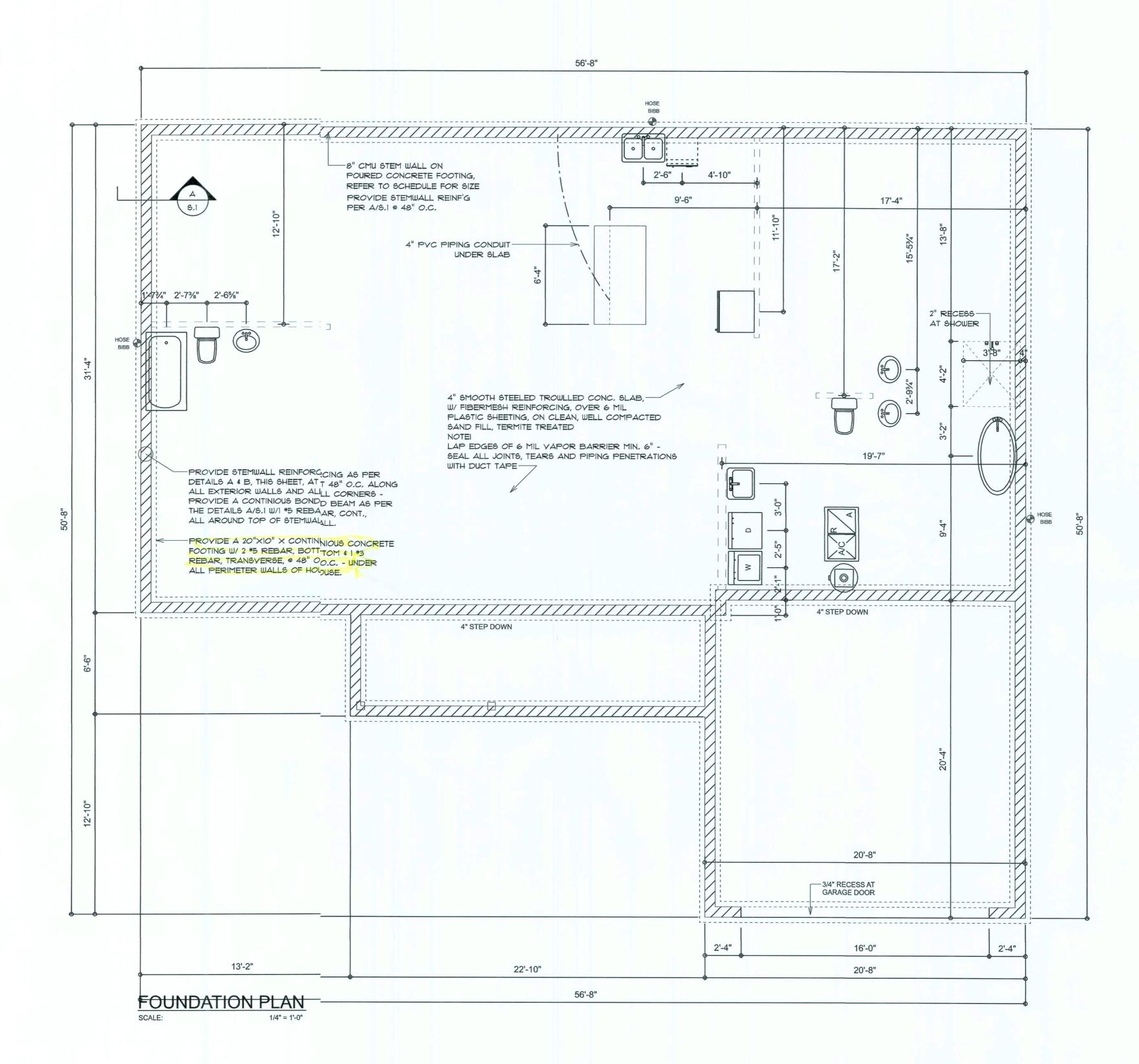


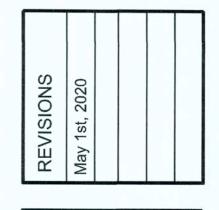
THE DESIGN WIND SPEED FOR THIS PROJECT 16 130 MPH PER 2017 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

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

PLUMBING CONTRACTOR SHALL PREPARE "AS-BUIL" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - ONT'R SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNR AND I COPY TO THE PERMIT ISSUING AUTHORITY.

H.Y.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT", HOP DRAWINGS INDICATING ALL H.Y.A.C. WORK, INCLUDIN: ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BLANCING REPORT - CONT'R SHALL PROVIDE I COPY OF AS-BILT DWGS TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORY.





 $\geq$ A 8



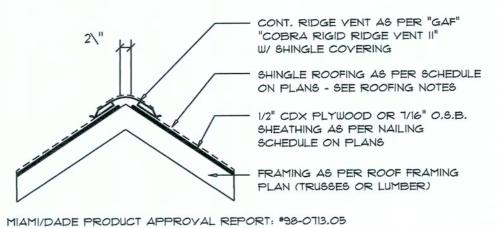
SHEET NUMBER OF 4 SHEETS



### WOOD STRUCTURAL NOTES

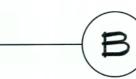
- I. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- 2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- 3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 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.

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1900 SF	24 LF	490 SQ.IN.
2200 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



Ridge Vent DETAIL

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



### STANDARD HEADER SCHEDULE

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

DOUBLE 2x8 No.\*2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND MILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH I - SIMPSOMSTAIS TOP AND I - SIMPSON SPH4R BOTTOM EACH SIDE OF OPENING WITH I - HEADER STUD AND FULL HEIGHT STUDS EACH SIDE OF OPENING

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

DOUBLE 2x12 No.\*2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND AILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSOMSTA24 TOP AND 2 - SIMPSON SPH4R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD ANIZ FULL HEIGHT STUDS EACH SIDE OF OPENING

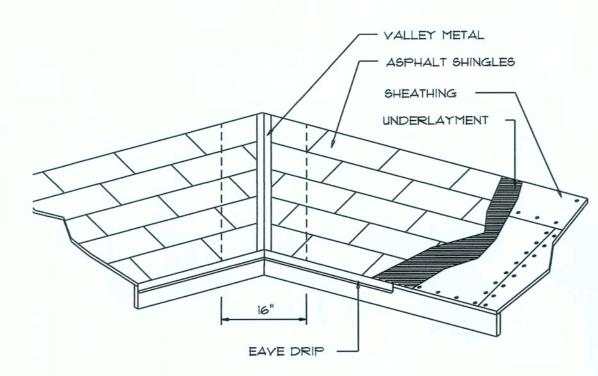
### 9'-0" UP TO 16'-0" OPENINGS

DOUBLE 2x12 No. \*2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND AILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSOIMSTAIS EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF PENING

### 16'-0" GARAGE DOOR OPENINGS

2 PLY 1%"  $\times$  11 7/8" 2.0E MICROLAMM LVL HEADER GLUED AND NAILED WITH 10d  $\times$  0.128"  $\times$ " NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTAIS EACH SIDE OF OPENG WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

MINIMUM THICKNE	TALS for FLAS 566 REQUIREMENTS		
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	er10.0	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.027		40 20





## Roofing/Flashing DETS.

### ROOF PLAN NOTES

SCALE: NONE

R-1 SEE ELEVATIONS FOR ROOF PITCH

R-2 ALL OVERHANG 18" (12" on gables)
UNLESS OTHERWISE NOTED

R-3 PROVIDE ATTIC VENTILATION IN AC-CORDANCE WITH SCHEDULE ON SD.3

R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS

R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE!
SHEATH ROOF W/ 1/2" CDX PYWOOD PLACED
W/ LONG DIMENSION PERPENICULAR TO THE
ROOF TRUSSES, SECURE TO RAMING W/ 8d
NAILS - AS PER DETAIL ON HEET SD.4

NOTE!
THE DESIGN WIND SPEED OR THIS
PROJECT IS 115 MPH PERBC 1609

AND LOCAL JURISDICTION EQUIREMENTS

NOTE: REFERENCE TRUSS ENGINEERING!!

### NOTE

ANCHOR GIRDER TRUSS(ES) TO HEADER WITH 2 "SIMPSON" LGT(2, 3 OR 4),
ANCHOR HEADER TO KING STUDS W/
2 "SIMPSON" ST22 EA, END - TYP., T.O.

NOTE!

REFER TO THE WINDOW/DOOR HEADEIER

SCHEDULE ON SHEET SD.4 FOR ALL

MINIMUM SIZE HEADERS AND ALTERNALATES

MINIMUM SIZE ALLOWABLE IS 2-2XIO.

### GENERAL TRUSS NOTES:

- I. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND IT'S CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- 2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- 3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIRMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

# NOTE! ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-O" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-O". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER

AS TOP PLATES, NOTED ABOVE

## -CONSTRUCT EXTERIOR WALLS W/ 2 TOP PLATES & I SILL PLATE, 2X4 STUDS @ 16" O.C., & "SIMPSON" SP2/SP1 STUD/PLATE CONNECTORS @ 32" O.C. - SHEATH WALL W/ 1/16" OSB, APPLIED W/ 8d COMMON NAILS @ 4" O.C. ALONG EDGES \$ 8" O.C. ALONG INTERMEDIATE SUPPORTS FASTEN TOP PLATE WITH 16d NAILS AT 12" O.C., TYPICAL T.O. -ANCHOR ALL TRUSSES WITH "SEMCO" HDPT2 STRAPS \$ 6 - 10" NAILS-RIDGE VENT ANCHOR & BEAM TO END/LINE POSTS-2 - 2x12 WD BEAM W/ "SIMPSON" MSTA24 OR EPC66 OR THRULU BOLTED W/ (2) 5/8" BOLTS SEE HEADER -SCHEDULE THIS PAGE

Roof Framing PLAN

SCALE: DO NOT SCALE!

REFERENCE A.2 FLOOR PLAN FOR ALL DIMENSIONS

-2×6 SUB-FASCIA, TYPICAL @ ALL

TRUSS EAVES & GABLE ENDS

REVISIONS
May 1st, 2020

JAMES & LORA DAVID 209 SW Poppy Glen, Lake City, Florida 32024



SHEET NUMBER

S.2

(F 4 SHEETS



### FLORIDA BULDING CODE

### Compliance Summary

### TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trues @ 24" O Walls: 2x4 Wood Stude @ 16" O.C.

Floor: 4" Thk. Concrete Slab W/ Fibmesh Concrete Additive Foundation: Continuous Footer/SterWall

### ROOF DECKING

Material: 1/2" CD Plywood or 7/16" G.B.

Sheet Size: 48"x96" Sheets Perpericular to Roof Framing Fasteners: .113 RING SHANKED Nailber schedule on sheet 5.4

### SHEARWALLS

Material: 1/2" CD Plywood or 7/16").S.B.

Sheet Size: 48"x96" Sheets Placed/ertical Fasteners: ,113 RING SHANKED Nai @ 4" O.C. Edges & 8" O.C. Interior

Dragstrut: Double Top Plate (6.Y.,) W/16d Nails @ 12" O.C. Wall Studs: 2x4 Studs @ 16" O.C.

### HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON H2.58 @ EsTruss End (Typ. U.O.N.) Wall Tension: Wall Sheathing Nailings Adequate - 8d @ 4" O.C. Top & Bot. Anchor Bolts: 1/2" A307 Bolts @ 480.C. - 1st Bolt 6" from corner Corner Hold-down Device: (1) HD: @ each corner Porch Column Base Connector: Sipson ABU66 @ each column

Porch Column to Beam Connector: Impson MSTA20 (2 ea. side) or impson EPC66 or 2 - 5/8" thru bolts

### FOOTINGS AND FOUNDATIONS

Footing: 20"x10" Cont. W/ 2 - #5 BarCont. on wire/plastic chairs @ 48" o.c. Stemwall: 8" C.M.U. W/I-#5 Vertical Doel @ 48" O.C. Int. Footings: 12" x 12" x Cont. W/ 2 - \*53 are Cont. on wire/plastic chairs @ 48" o.c.

### STRUCTURAL DESIGN CRITERIA:

I. THE DESIGN COMPLIES WITH THE REQUIRENTS OF THE 2017 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER EFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFIC/IONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATAGORY: EXPOSURE: "B"

BASED ON ANSI/ASCE 7-10. 2017 FBC 1609-AJIND VELOCITY: YULT = 130 MPH YASD = 101 MPH

..... 60 PSF

### 3. ROOF DESIGN LOADS: SUPERIMPOSED DEAD LOADS: ..... 20 5F SUPERIMPOSED LIVE LOADS: . . . . . . 20 FF

BALCONIES

4. FLOOR DESIGN LOADS: SUPERIMPOSED DEAD LOADS: ..... 25 FF SUPERIMPOSED LIVE LOADS: ..... 40 PSF

5. WIND NET UPLIFT: ARE AS INDICATED ( PLANS

### TERMITE PROTECTION NOTE:

### SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES IE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TRE, MENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSED NEAR THE WATER HEATER OR ELECTRIC PANEL, FBC 104.2.6

2. CONDENSATE AND ROOF DOWNSPOUT SHALL DISCHARGE AT LEAST 1'-O" AWAY FROM BUILDING SIDE WALLS. FBC503.4.4

3. IRRIGATION/SPRINKLER SYSTEMS INCIDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN O" FROM BUILDING SIDE WALLS. FBC 1503,4,4

4. TO PROVIDE FOR INSPECTION FOR TEMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SALL NOT BE LESS THAN 6". EXCEPTION: PAINT AND DECORATIVE CIENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNATION WALL. FBC 1403.1.6

5. INITIAL TREATMENT SHALL BE DONE TER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1

6. SOIL DISTURBED AFTER THE INITIAL TRATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED FBC 1816.1.2

7, BOXED AREAS IN CONCRETE FLOOR PR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PRMANENT METAL OR PLASTIC FORMS, PERMANENT FORMS MUST BE OF SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFR THE INITIAL TREATMENT.

FBC 1816.1.3 8, MINIMUM 6 MIL VAPOR RETARDER MUI BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION, IF RAINFALIOCCURS BEFORE VAPOR RET-

ARDER PLACEMENT, RETREATMENT IS RRUIRED. FBC 1816.1.4 9. CONCRETE OVERPOUR AND MORTAR LONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR BIL TREATMENT, FBC 1816,1,5 10. SOIL TREATMENT MUST BE APPLIED WER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-O" OF THE STRUCTUR SIDEWALLS. FBC 1816.1.6

II. AN EXTERIOR VERTICAL CHEMICAL BARIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING ANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6

12. ALL BUILDINGS ARE REQUIRED TO HAS PER-CONSTRUCTION TREATMENT. FBC 1816.1.7

13. A CERTIFICATE OF COMPLIANCE MUST'SE ISSUED TO THE BUILDING DEPART-MENT BY \* LICENSED PEST CONTROL COPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFIATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLIE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES, THE TREATENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPATMENT OF AGRICULTURE AND CONS-UMER SERVICES", FBC 1816.1.7

14. AFTER ALL WORK IS COMPLETED, LOGE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN I'-O" OF THE BUDING, THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORIG OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3

15. NO WOOD, YEGETATION, STUMPS, CARBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-O" OF ANY BUILDING OR PROPSED BUILDING. FBC 2303.1.4

### FRAMING ANCHOR SCHEDUILE

APPLICATION

TRUSS TO WALL: GIRDER TRUSS TO POST/HEADER: HEADER TO KING STUD(S): PLATE TO STUD: STUD TO SILL:

PORCH BEAM TO POST: PORCH POST TO FND .: MISC. JOINTS

MANUF'R/MODEL CAP. SSIMPSON H2.5a 600# SSIMPSON LGT, W/ 28 - 16d NAILS 1785# SSIMPSON ST22 1370# NO CONNECTION REQ. WHEN USING WINDSTORM BOARD

1700#

2200\*

315#/240#

NO CONNECTION REQ. WHEN USING WINDSTORM BOARD SSIMPSON PC66/EPC66 SIMPSON ABUGG SSIMPSON A34

ALL ANCHORS SHALL BE SECURED W/ NNAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STITRENGTH, UNLESS NOTED OTHERWISE.

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

ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICICAL T.O.

"SEMCO" PRODUCT APPROVAL:

MIAMI/DADE COUNTY REPORT #95-0818.1, 15

"SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT \*97-0107.(,05, \*96-1126.11, \*99-0623.04

SBCCI NER-443, NER-393

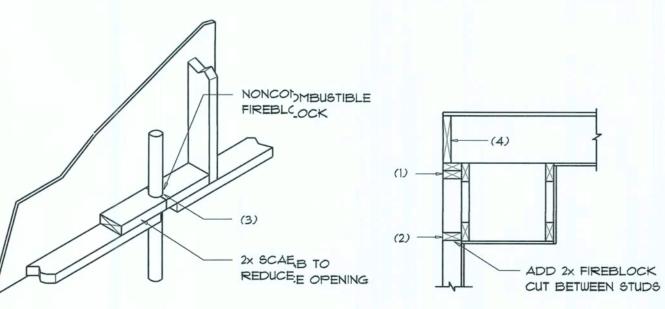
4		27	BUILDING MEAN BUIL	COMPONENT: LDING HEIGHT SLE T TO 2TT	TS & CLADDING IT = 30.0', EXF	G LOADS Posure "B"
	ZONE	AREA	Yult 110 MPH	Yult 120 MPH	Vult 130 MPH	Vult 140 MPH
27.	1 1	10 20 50	12.0 / -19.9 11.4 / -19.4 10.0 / -18.6	14.9 / -23.7 13.6 / -23.0 11.9 / -22.2	17.5 / -27.8 16.0 / -27.0 13.9 / -26.0	20.3 / -32.3 18.5 / -31.4 16.1 / -30.2
7 10	2 2 2	10 20 50	12.5 / -34.7 11.4 / -31.9 10.0 / -28.2	14.9 / -41.3 13.6 / -38.0 11.9 / -33.6	17.5 / -48.4 16.0 / -44.6 13.9 / -39.4	20.3 / -56.2 18.5 / -51.7 16.1 / -45.7
ROOF	3 3 3	10 20 50	12.5 / -51.3 11.4 /-47.9 10.0 / -43.5	14.9 / -61.0 13.6 / -57.1 11.9 / -51.8	17.5 / -71.6 16.0 / -67.0 13.9 / -60.8	20.3 / -83.1 18.5 / -TT.7 16.1 / -T0.5
WALL	4 4 4	10 20 50	21.8 / -23.6 20.8 / -22.6 19.5 / -21.3	25.9 / -34.7 24.7 / -26.9 23.2 / -25.4	30.4 / -33.0 29.0 / -31.6 27.2 / -29.8	35.3 / -38.2 33.7 / -36.7 31.6 / -34.6
M	5	10	21.8 / -29.1	25.9 / -34.7	30.4 /-40.7	35.3 / -47.2

### HEIGHT & EXPOSURE ADJUSTMENT - COEFFICIENTS FOR BUILDING COMPONENTS & CL, ADDING

5 20 20.8 / -27.2 24.7 / -32.4

5 50 19.5 / -24.6 23.2 / -29.3

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE E	EXPOSURE "D"
15	1.00	1.21	1.47
20	1.00	1.29	1,55
25	1.00	1.35	1.61
30	1.00	1.40	1.66



29.0 / -38.0 | 33.7 / -44.0

31.6 / -39.8

27.2 / -34.3

### PENETRATIONS

SOFFIT/DROPPED CLG.

### FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOODD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- 1. IN CONCEALED SPACES OF STUD WALLS; AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS
- 2. AT ALL INTERCONNECTIONS BETWEEN COONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DEROP CEILINGS, COVE CEILINGS, ETC.
- 3. AT OPENINGS AROUND VENTS, PIPES, DUIUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROOPANEL MULTIFLEX SEALANT" 4. AT ALL INTERCONNECTIONS BETWEEN COUNCEALED VERTICAL STUD WALL OR

PARTITION SPACES AND CONCEALED SPPACES CREATED BY AN ASSEMBLY

### OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS



### General Roofing NOTES:

### DECK REQUIREMENTS:

ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER, FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL, UNDERLAYMENT IS REQUIRED.

### UNDERLAYMENT:

UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE I, OR ASTM D 4869, TYPE I.

### SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET: SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

ASPHALT SHINGLES: ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING.

FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE, WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR M-DC PA 107-95.

### UNDERLAYMENT APPLICATION:

STAY IN PLACE,

FOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS: 1, STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO

2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS: STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

### BASE AND CAP FLASHINGS:

WITH ASTM D 1970.

BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF TI LBS PER 100 SQUARE FEET, CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

### VALLEYS:

VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

1, FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1507.3.9.2.

2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES 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. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:

1. BOTH TYPES I AND 2 ABOVE, COMBINED. 2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224. 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING

### NOTE !!! ROOFSHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR ELITE GLASS-SEAL AR HERITAGE 30 AR HERITAGE 40 AR HERITAGE 50 AR

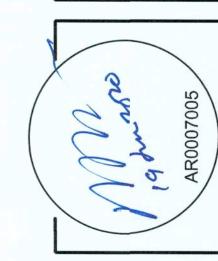
THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE I MODIFIED TO 130 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE

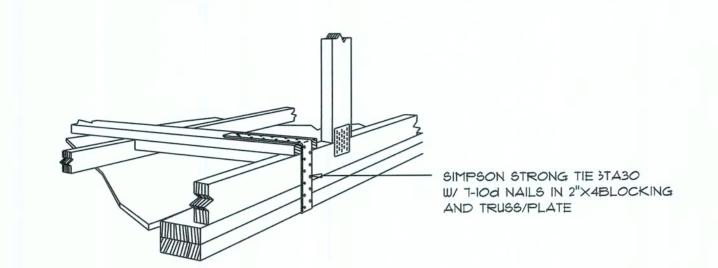
Œ

ME



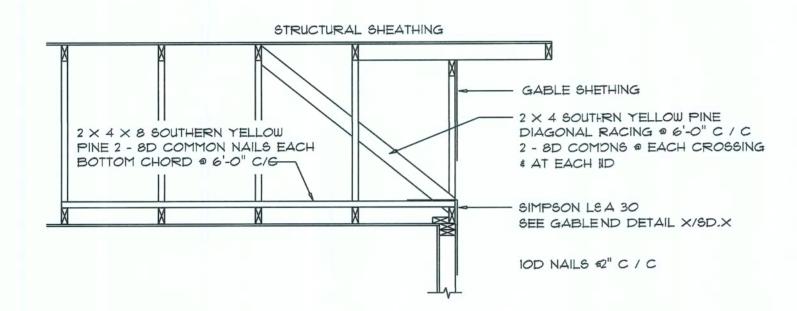
SHEET NUMBER OF 4SHEETS





### GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

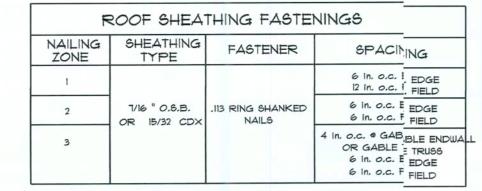
SCALE: NONE



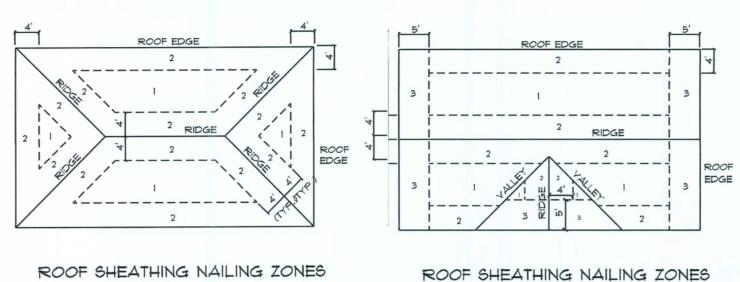
### END WALL BRACING FOR CEILING DIAPHRAGM

(ALTERNATIVE TO BALLOON FRAMINO

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOLPINE

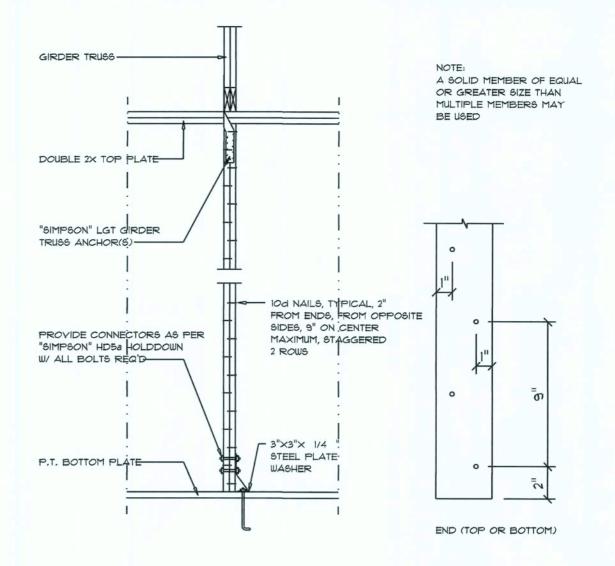


(HIP ROOF)



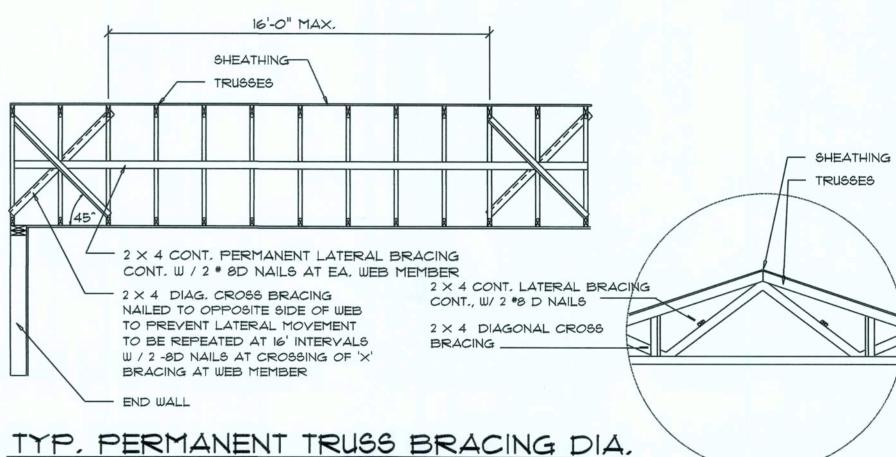
(GABLE ROOF)



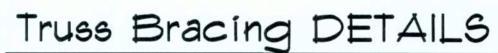


## Girder Truss Column DET.

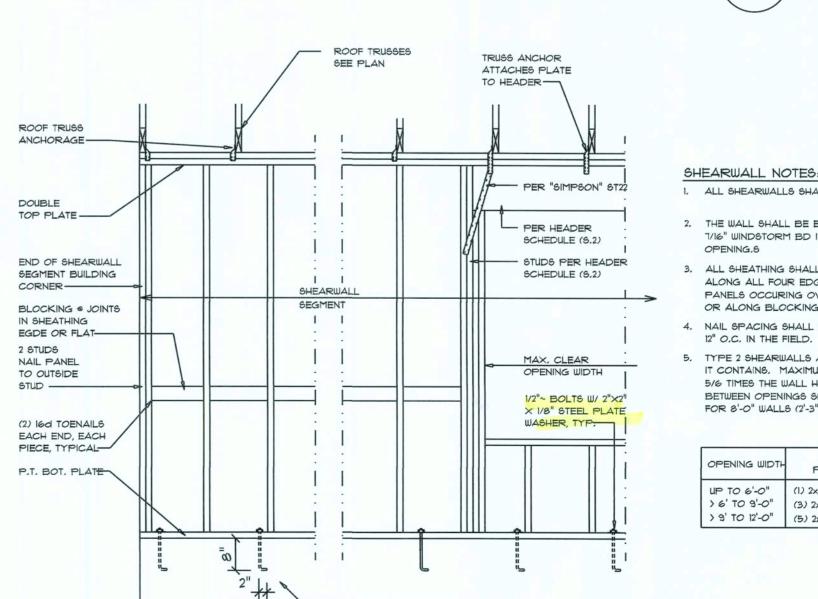
SCALE: 1/2" = 1'-0"



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



SCALE: AS NOTED



### SHEARWALL NOTES:

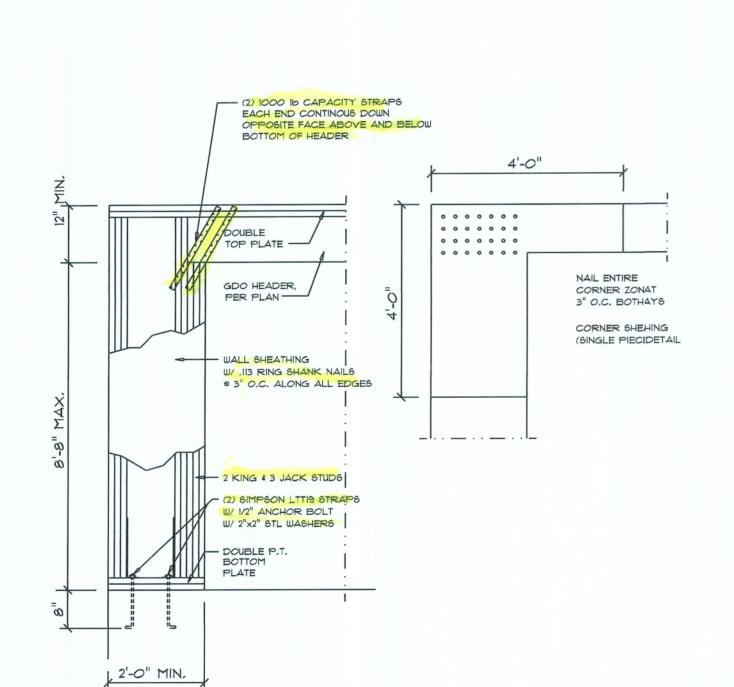
- I. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS 2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" WINDSTORM BD INCLUDING AREAS ABOVE AND BELOW
- 3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURING OVER COMMON FRAMING MEMBERS
- OR ALONG BLOCKING. 4. NAIL SPACING SHALL BE 6" O.C. EDGES AND
- 5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS, MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'-0" WALLS (2'-3"),

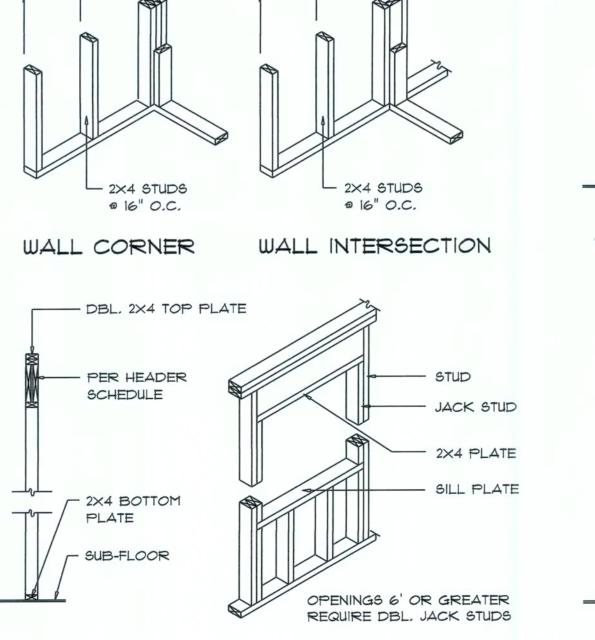
OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

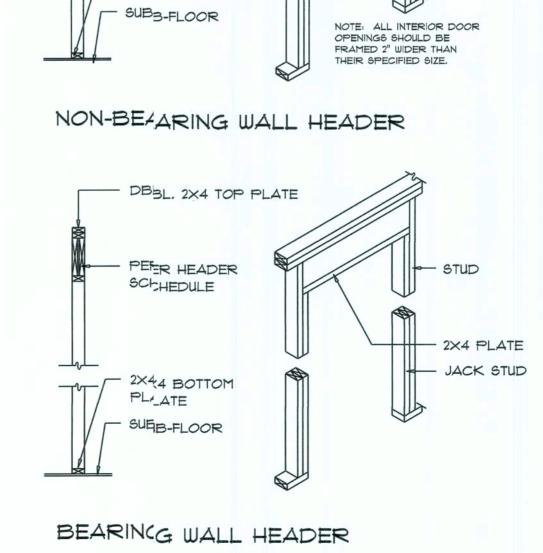
## Shear Wall DETAILS

SCALE: NONE









- DBI3L, 2X4 TOP PLATE

- 2X44 HEADER W/ E BLOCKING

2X44 BOTTOM

PLAATE

TYPICAL WINDOW HEADER



2X4 HDR W/ BLOCK'G JAME 209 SW Popp

SHEET NUMBER **OF4 SHEETS** 



Garage End Wall DETAILS SCALE: 1/2" = 1'-0"