

AREA

HEATED & COOLED FRONT PORCH BACK PORCH CARPORT

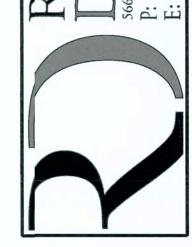
TOTAL AREA

2,726 S.F.

MAY 21st, 2020 P

MCGRIFF RESIDENCE

RIDGEPOINTDESIGN@GMAIL.COM



A.2
OF 4 SHEETS

ELECTRICAL LEGEND				
ELECTRICAL	COUNT	SYMBOL		
CEILING FAN	6			
CAN LIGHT 6inch	26	0		
LED CEILING LIGHT 1x4	2			
PENDANT LIGHT	2			
EXTERIOR SCONCE	3			
MOTION SECURITY LIGHT	4	Qp		
AC DISCONNECT	2			
CARBON DETECTOR	1	© CO		
COAX OUTLET	4	TV		
EXHAUST FAN	1	₩		
EXHAUST FAN & LIGHT COMBO	1			
OUTLET	29	Ф		
OUTLET 220v	3	•		
OUTLET GFI	9	<del> </del>   Бая		
OUTLET WP	5	DWP		
SMOKE DETECTOR	5	•		
STANDARD LIGHT	7	-\$-		
SWITCH	27	\$		
SWITCH 3 WAY	14	\$3		
VANITY BAR LIGHT - SMALL	3	000		

#### **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 W/ 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

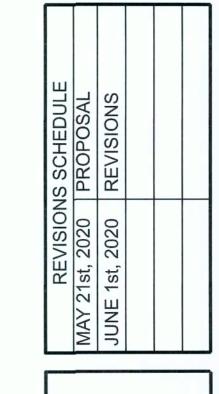
ALL RECEPTICALS IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI)

ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUD FAULT INTERRUPTER TYPE (WP/GFI)

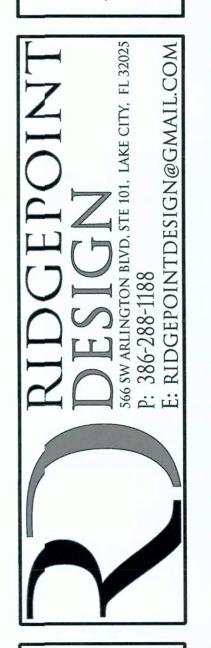
NOTE

ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr. DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING / DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.

CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY



McGRIFF RESIDENCE



A.3

OF 4 SHEETS

### CONCRETE / MASONRY / METALS GENERAL NOTES:

- I. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
- 2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, 9IL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TEST AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILIT OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- 3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING D. SHALL BE PLACED IN 12" LIFTS, BOTH SUB-SOIL AND FILL COMPS-TION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF F BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIF
- 4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUE-MENTS OF ASTM AGIS, ALL BENDS SHALL BE MADE COLD.
- 5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIE-MENTS OF ASTM A185 - MIN. YEILD STRESS = 85 KSI.
- 6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL IGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP IX F'c = 3000 PSI, STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF F.ACE-MENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- 7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FISH -F'm = 1500 PSI.
- 8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- 9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARD(FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, A PER PLAN REQUIREMENTS.
- 10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 11. 2X4 P/T WOOD SILL, CONT., ALL AROUND, W/ 1/2"~ A.B. W/ 2" SQ. X 1/4" PLATE WASHERS WITHIN 12-16" FROM EACH CORNER, EA. WAY, & WITHIN 12-16" FROM ALL WALL OPENINGS / ENDS - 1/2"~ A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C., MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

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

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

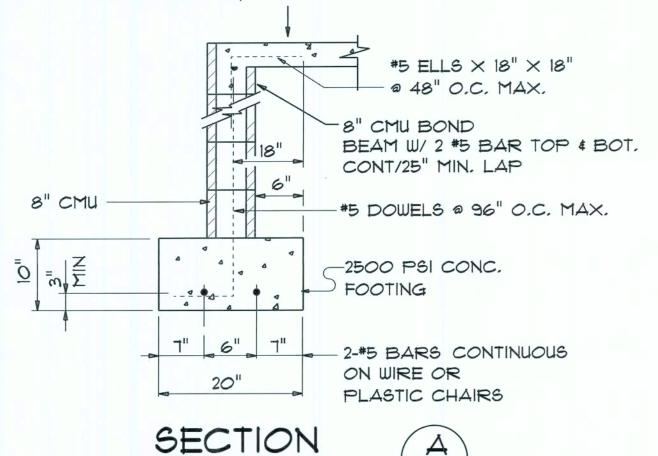
NOTE:

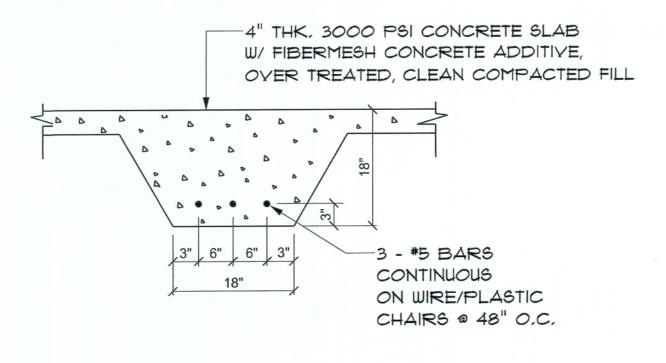
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -EA, LIFT SHALL BE CONPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

H.Y.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONT'R SHALL PROVIDE I COPY OF AS-BUILT DWGS TO OWNER & I COPY TO THE PERMIT ISSUING AUTHORITY.

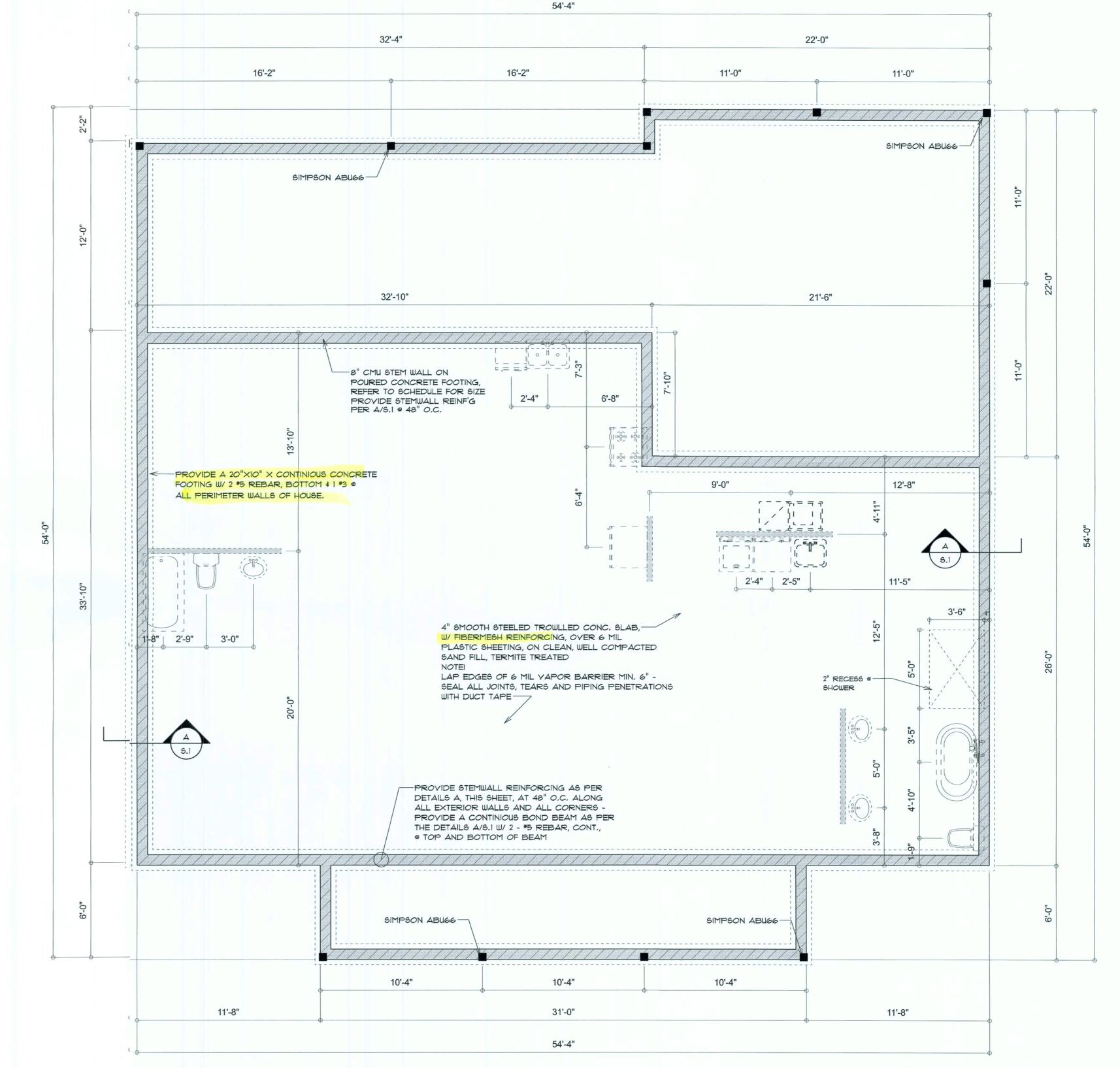
4" THK, 3000 PSI CONCRETE SLAB W/ FIBERMESH CONCRETE ADDITIVE, OVER TREATED, CLEAN COMPACTED FILL

SCALE: 3/4" = 1'-0











SED  $\alpha$ N H MCG LAKE CITY F

SHEET NUMBER OF ∠ SHEETS



### 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 NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH I - SIMPSON MSTAIS TOP AND I - SIMPSON SPH4R BOTTOM EACH SIDE OF OPENING WITH I - HEADER STUD AND I FULL HEIGHT STUDS EACH SIDE OF OPENING

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

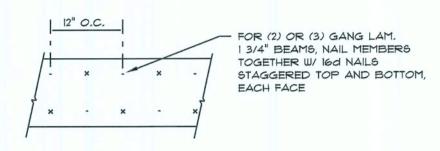
DOUBLE 2x12 No. \*2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA24 TOP AND 2 - SIMPSON SPH4R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

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

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

#### 16'-0" GARAGE DOOR OPENINGS

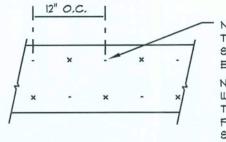
2 PLY 134" X 11 7/8" 2.0E MICROLAMM LYL HEADER GLUED AND NAILED WITH 10d x 0.128" x 3" NAIL6 IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTAIS EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING



#### MULTIPLE GANG LAM, DETAIL NOT TO SCALE

### B/U Beam DETAILS

#### SCALE: NONE



NAIL PLYWOOD FLITCH BEAM TOGETHER W/ 16d NAILS STAGGERED TOP AND BOTTOM, EACH FACE

WHERE BEAM SPAN IS GREATER THAN 8'-O", CENTER 8'-O" LONG PLYWOOD AT CENTER OF BEAM SPAN, BUTT ADJACENT PLYWOOD PIECES TIGHT TO CENTER PIECE. STAGGER JOINTS AT BEAMS WITH

MORE THAN ONE PLYWOOD PLATE.

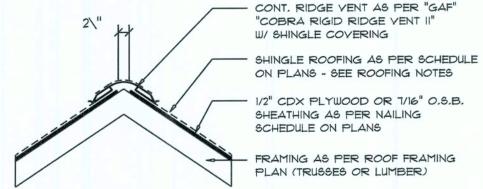
#### PLYWOOD FLITCH BEAM DETAIL

NOT TO SCALE

#### 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.

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.
 CONT. RIDO	SE VENT AS F	PER "GAF"



MIAMI/DADE PRODUCT APPROVAL REPORT: \*98-013.05

Ridge Vent DETAIL

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

# B

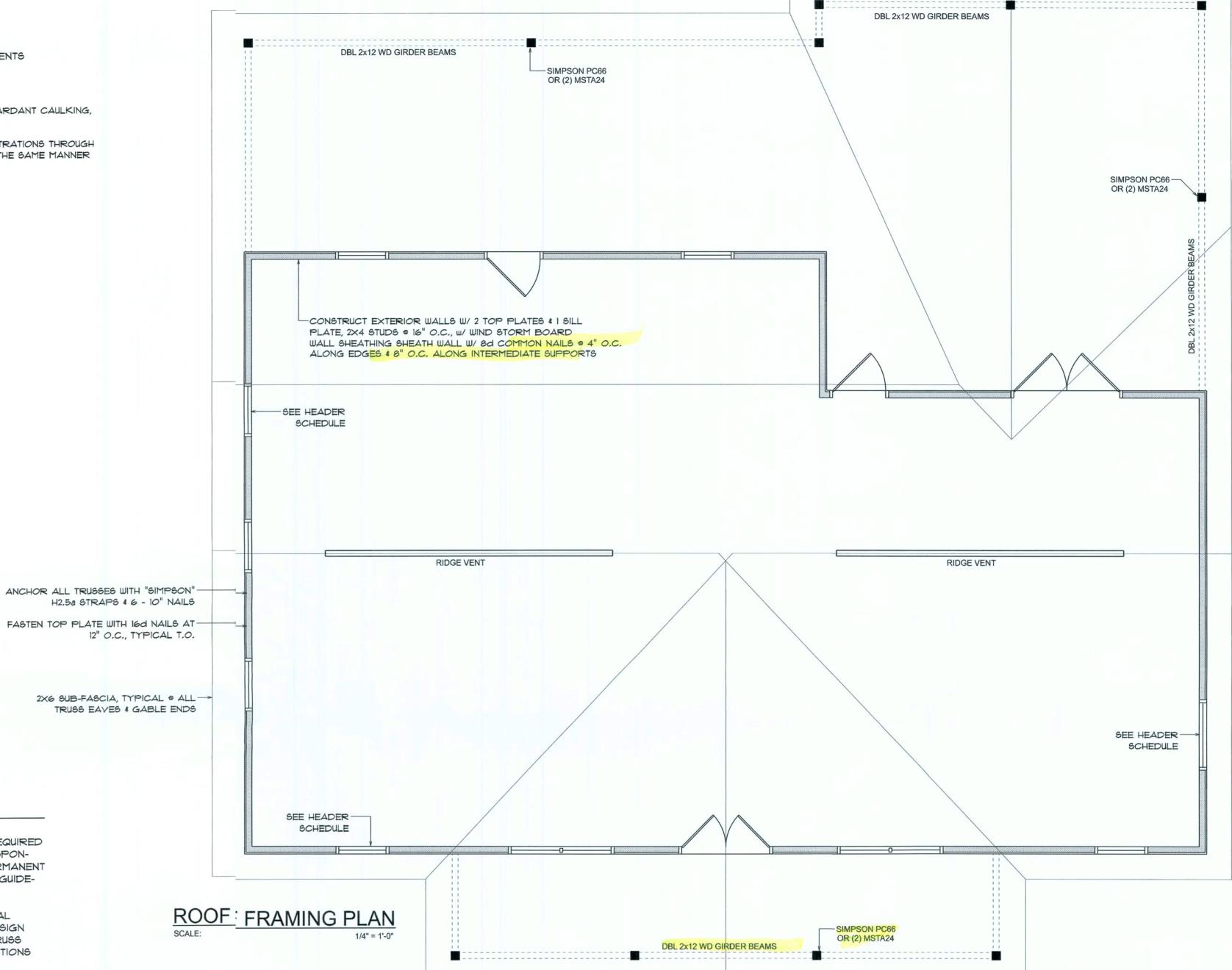
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/8d NAILS - AS PER DETAIL ON SHEET SD.4

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

WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING,

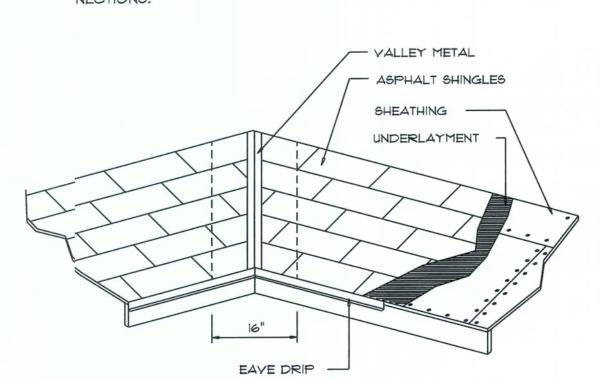
TO LIMIT CAYITY HEIGHT TO 8'-O". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

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.



### LOOD STRUCTURAL NOTES

- I. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPON-SIBILITY OF THE CONTRACTOR SO ENGAGED, TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDE-LINES 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 CON-NECTIONS.



YALLEY FLASHING

MATERIAL	MINNIMUM THICK (NESS (in)	GAGE	WEIGHT	
COPPER			16	
ALUMINUM	0.024			
STAINLESS STEEL		28		
GALVANIZED STEEL	er10.0 <sup>)</sup>	26 (ZINC COATED G90)		
ZINC ALLOY LEAD PAINTED TERNE	0.027		40 20	

Roofing/Flashing DETS.

### ROOF PLAN NOTES

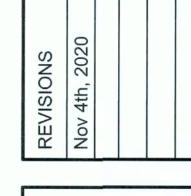
R-1 SEE ELEVATIONS FOR ROOF PITCH

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

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

SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS

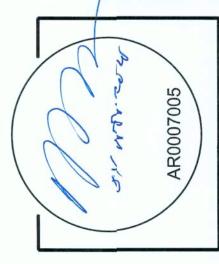
MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR



ICGRIE



SHEE1 NUMBER OF 4SHEETS



#### FLORIDA BUILING CODE Compliance Summary TYPE OF CONSTRUCTION Roof: Gable Construction, Wood Trus:s @ 24" O Walls: 2x4 Wood Studs @ 16" O.C. Floor: 4" Thk. Concrete Slab W/ Fibeesh Concrete Additive Foundation: Continuous Footer/Stemall

ROOF DECKING

Material: 1/2" CD Plywood or 7/16" O.B. Sheet Size: 48"x96" Sheets Perpencular to Roof Framing Fasteners: 8d Common Nails per schdule on sheet A.7

SHEARWALLS

Material: 1/2" CD Plywood or 7/16" (S.B. Sheet Size: 48"x96" Sheets Placed ertical Fasteners: 8d Common Nails 9 4" O., Edges \$ 8" O.C. Interior Dragstrut: Double Top Plate (S.Y.f) W/16d Nails @ 12" O.C.

HURRICANE UPLIFT CONNECTORS

Wall Studs: 2x6 Studs a 16" O.C.

Truss Anchors: SIMPSON H2.5a @ Ea.russ End (Typ. U.O.N.) Wall Tension: Wall Sheathing Nailing Adequate - 8d @ 4" O.C. Top & Bot. Anchor Bolts: 1/2" A307 Bolts @ 480.C. - 1st Bolt 12"-16" from corner Corner Hold-down Device: (1) HD5@ each corner Porch Column Base Connector: Simon ABU66 @ each column Porch Column to Beam Connector: impson EPC66/PC66 @ each column

FOOTINGS AND FOUNDATIONS

Footing: 20"XIO" X CONT., CONCRET FOOTING W/ 2 #5 REBAR.

#### STRUCTURAL DESIGN CRITERIA:

I. THE DESIGN COMPLIES WITH THE REQUIREMEIS OF THE 2017 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REPRENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATION SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATAGORY: 2, KPOSURE: "B"

BASED ON ANSI/ASCE 7-10. 2017 FBC 1609-A WD VELOCITY: VULT = 130 MPH YASD = 101 MPH

ROOF DESIGN LOADS: SUPERIMPOSED DEAD LOADS: . . . . . . 20 PSF SUPERIMPOSED LIVE LOADS: . . . . . . 20 PSF 4. FLOOR DESIGN LOADS: SUPERIMPOSED DEAD LOADS: . . . . . . 25 PSF SUPERIMPOSED LIVE LOADS: ...... 40 PSF ..... 60 PSF BALCONIES

#### TERMITE PROTECTION NOTES:

5. WIND NET UPLIFT: ARE AS INDICATED ON LANS

SOIL CHEMICAL BARRIER METHOD:

I. A PERMANENT SIGN WHICH IDENTIFIES THTERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATENT CONTRACT RENEWAL SHALL BE PROVIDED, THE SIGN SHALL BE POSTEINEAR THE WATER HEATER OR ELECTRIC PANEL, FBC 104.2.6

2. CONDENSATE AND ROOF DOWNSPOUTS HALL DISCHARGE AT LEAST 1'-O" AWAY FROM BUILDING SIDE WALLS. FBC 153.4.4

3. IRRIGATION/SPRINKLER SYSTEMS INCLUING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN I'- FROM BUILDING SIDE WALLS. FBC 1503,4,4

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

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

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

1. BOXED AREAS IN CONCRETE FLOOR FOISUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERANENT METAL OR PLASTIC FORMS, PERMANENT FORMS MUST BE OF AIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTE THE INITIAL TREATMENT. FBC 1816.1.3

8. MINIMUM 6 MIL VAPOR RETARDER MUSTIE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION, IF RAINFALL CCURS BEFORE VAPOR RET-ARDER PLACEMENT, RETREATMENT IS REQRED. FBC 1816.1.4

9. CONCRETE OVERPOUR AND MORTAR AUNG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOITREATMENT. FBC 1816.1.5 IO. SOIL TREATMENT MUST BE APPLIED UNITR ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-O" OF THE STRUCTURE IDEWALLS. FBC 1816,1.6

II. AN EXTERIOR VERTICAL CHEMICAL BARER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LADSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICALBARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6

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

13, A CERTIFICATE OF COMPLIANCE MUST BISSUED TO THE BUILDING DEPART-MENT BY # LICENSED PEST CONTROL COMANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICTE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETITREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES, THE TREATMIT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTENT OF AGRICULTURE AND CONS-UMER SERVICES". FBC 1816.1.7

14. AFTER ALL WORK 15 COMPLETED, LOOSWOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN I'-O" OF THE BUILING, THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FORMS, SHORIN OR OTHER CELLULOSE CONTAINING MATERIAL, FBC 2303.1.3

15. NO WOOD, VEGETATION, STUMPS, CARDDARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-O" OF ANY BUILDING OR PROPOSD BUILDING. FBC 2303.1.4

#### FRAMING ANCHOR SCHEDULEE

MANNUF'R/MODEL APPLICATION CAP. TRUSS TO WALL: SIMF1PSON H2.5a OR SWDC15600 SCREWS 600# SIMPIPSON LGT, W/ 28 - 16d NAILS GIRDER TRUSS TO POST/HEADER: 1785# SIMFIPSON ST22 HEADER TO KING STUD(S): 1370# NO , CONNECTION REQ. WHEN USING WINDSTORM BOARD PLATE TO STUD: NO , CONNECTION REQ. WHEN USING WINDSTORM BOARD STUD TO SILL: SIMF1PSON PC66 or MSTA24 PORCH BEAM TO POST: 1700# PORCH POST TO FND .: SIMFIPSON ABUGG 2200#

SIMPOON A34

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

MISC. JOINTS

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

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

"SEMCO" PRODUCT APPROVAL:

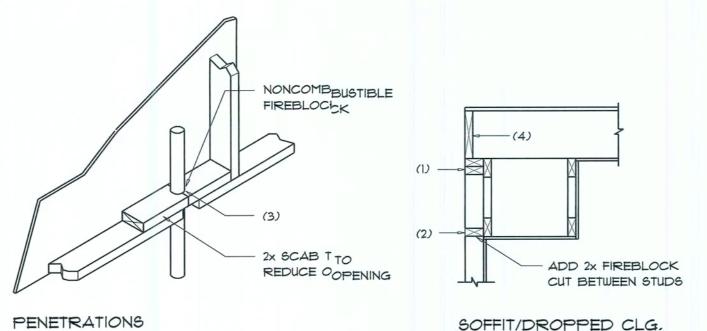
MIAMI/DADE COUNTY REPORT #95-0818.15

"SIMPSON" PRODUCT APPROVALS:

MIAMI/DADE COUNTY REPORT #97-0107,05,5, #96-1126.11, #99-0623.04 SBCCI NER-443, NER-393

4	BUILDING COMPONENTS : & CLADDING LOADS  THEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"  ROOF ANGLE 1' TO 21'					
	ZONE	AREA	Yult 110 MPH	Vult 120 MPH	Vult 130 MPH	Yult 140 MPH
27,	1 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
5	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 / -77.7 16.1 / -70.5
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
7M	5 5 5	10 20 50	21.8 / -29.1 20.8 / -27.2 19.5 / -24.6	25.9 / -34.7 24.7 / -32.4 23.2 / -29.3	30.4 /-40.7 29.0 / -38.0 27.2 / -34.3	35.3 / -47.2 33.7 / -44.0 31.6 / -39.8

HEIGHT & EXPOSURE ADJUSTMENT COOFFICIENTS FOR BUILDING COMPONENTS & CLAEDDING				
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"	
15 20 25 30	1.00 1.00 1.00 1.00	1.21 1.29 1.35 1.40	1.47 1.55 1.61 1.66	



#### FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD & FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- I. IN CONCEALED SPACES OF STUD WALLS ANND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- 2. AT ALL INTERCONNECTIONS BETWEEN CONGCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROOP CEILINGS, COVE CEILINGS, ETC.
- 3. AT OPENINGS AROUND VENTS, PIPES, DUCT; TS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPOANEL MULTIFLEX SEALANT"
- 4. AT ALL INTERCONNECTIONS BETWEEN CONCICEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPAGES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BISE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THINE SUPPORTS.

## Fire Stopping DETTAILS

SCALE: NONE



#### General Roofing NOTES:

DECK REQUIREMENTS:

ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

315#/240#

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

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.

ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

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:

FOR ROOF SLOPES FORM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS: I. STARTING AT THE EAVE, A 19 INCH 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 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:

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 17 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. I, 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

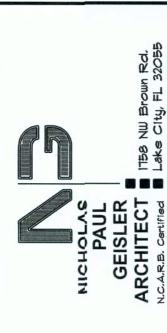
ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE. 3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:

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 WITH ASTM D 1970.

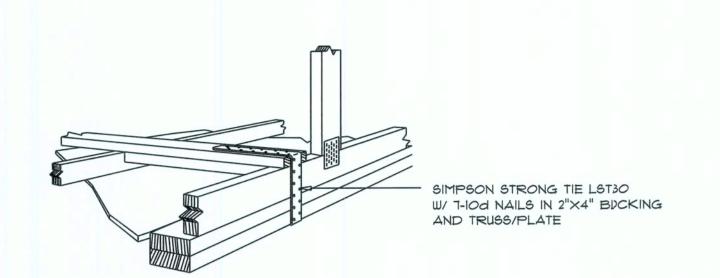
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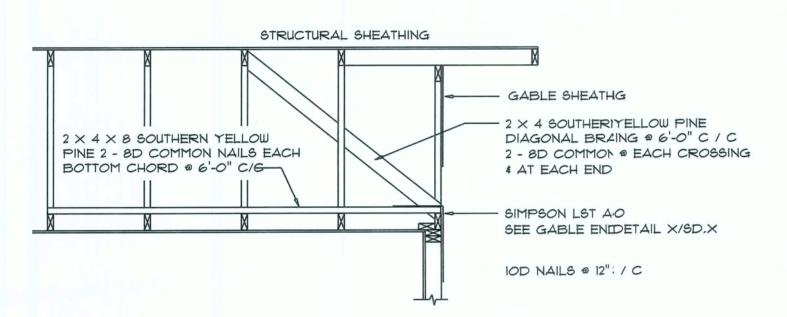
SHEET NUMBER

OF 4 SHEETS



#### GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE



### END WALL BRACING FOR CEILING DIAPHRAGM

- (2) 1000 Ib CAPACITY STRAPS

BOTTOM OF HEADER

DOUBLE

TOP PLATE -

GDO HEADER,

PER PLAN -

W/ .113 RING SHANK NAILS

2 KING 4 3 JACK STUDS

W/ 1/2" ANCHOR BOLT

W/ 2"x2" STL WASHERS

(2) SIMPSON LTTI9 STRAPS

9 3" O.C. ALONG ALL EDGES

WALL SHEATHING

1 2'-0" MIN.

OPPOSITE FACE ABOVE AND BELOW

(ALTERNATIVE TO BALLOON FRAMING)

4'-0"

NAIL ENTIRE

CORNER ZONET

3" O.C. BOTH LYS

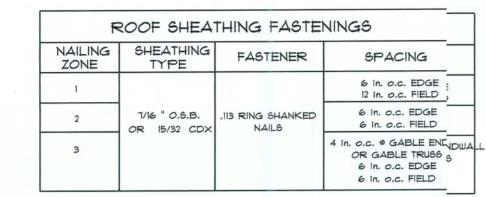
CORNER SHEAING

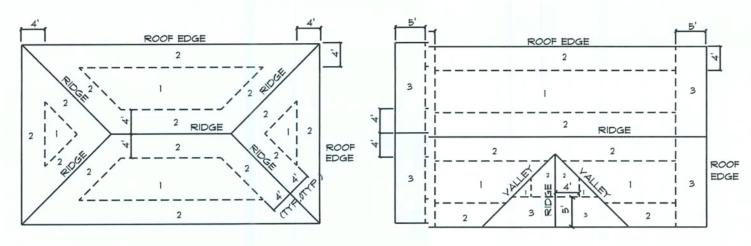
(SINGLE PIECE)ETAIL

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





Roof Nail Pattern IDET.

ROOF SHEATHING NAILING ZONES

(HIP ROOF)

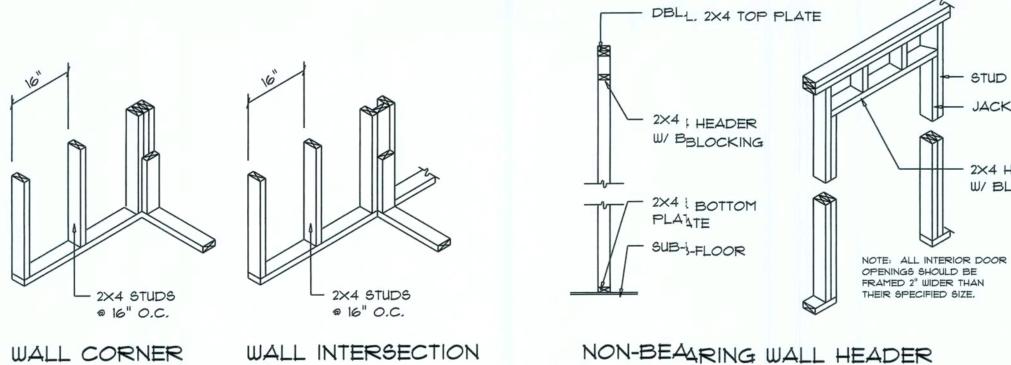
SCALE: NONE

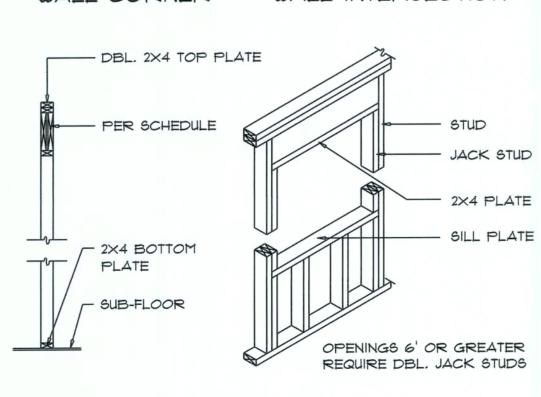


2X4 HDR W/ BLOCK'G

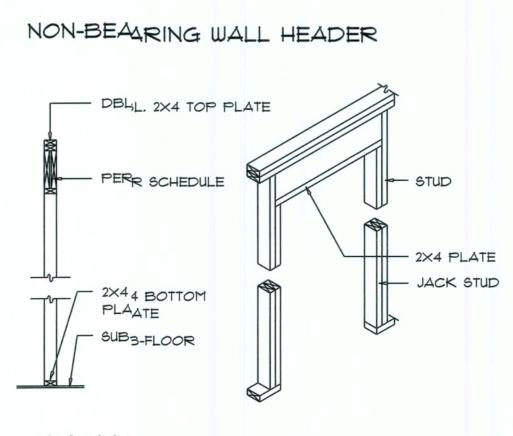
FROOF SHEATHING NAILING ZONES

(GABLE ROOF)





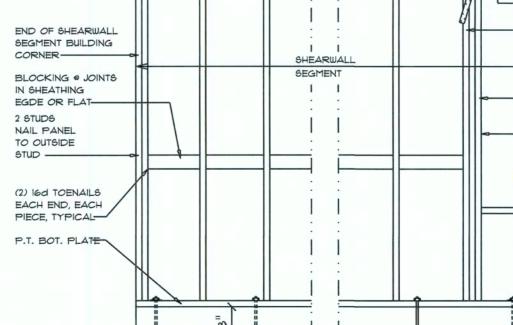
TYPICAL WINDOW HEADER



BEARING WALL HEADER

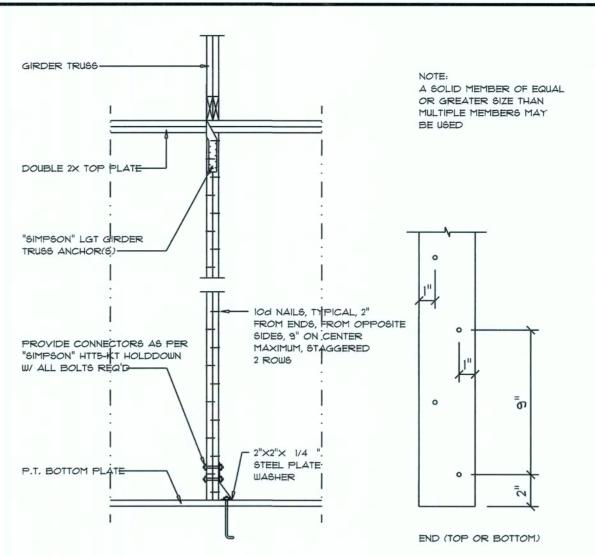
# Garage SIDE Wall DETAILS





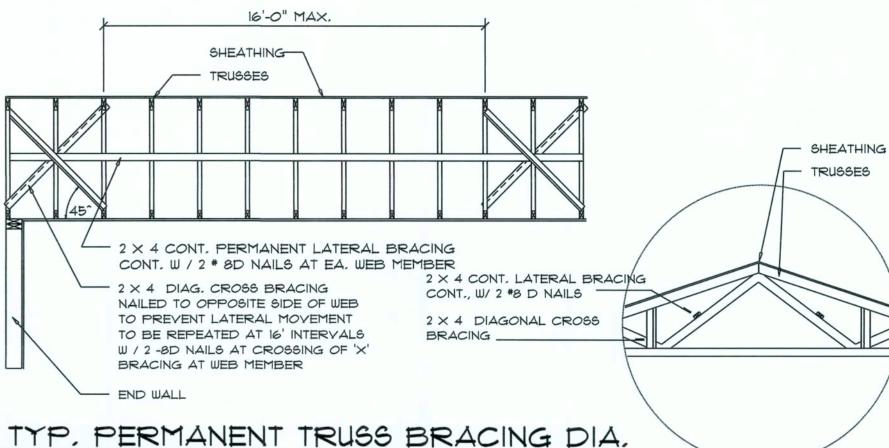
Shear Wall DETAILS

SCALE: NONE



Girder Truss Column DET.

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

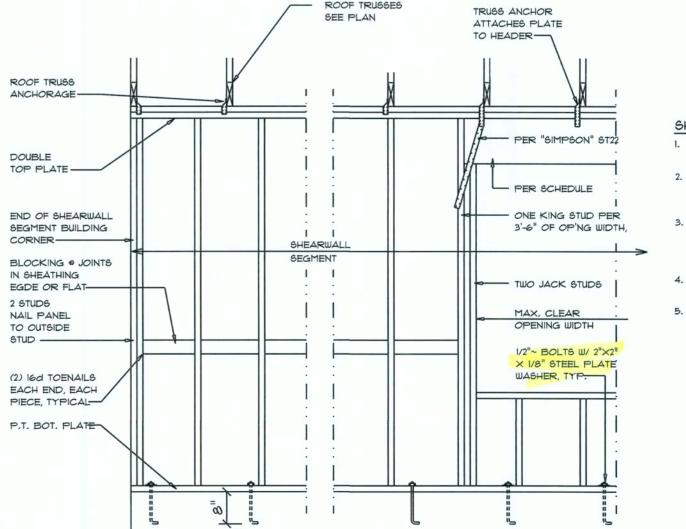


TYP, PERMANENT TRUSS BRACING DIA.

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

# Truss Bracing DETAILS

SCALE: AS NOTED



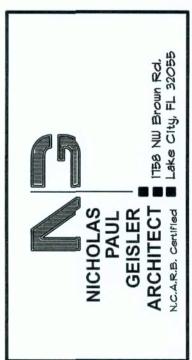
#### SHEARWALL NOTES: 1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS

D

- 2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/16" 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
- 4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
- 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	16d TOE NAIL
	PLATES	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

 $\mathbb{Z}$ McGRIFI



SHEET NUMBER

OF I SHEETS

