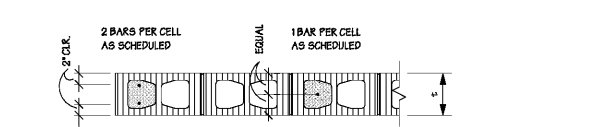


OPENING WIDTH	NUMBER OF REINFORCED CELLS PER JAMB	
	OPNG. IN EXTERIOR WALL	OPNG. IN INTERIOR WALL
UP TO 3'-4"	1 IN 2 CELLS	1
TO 6'-0"	1 IN 3 CELLS	1

1 S500 SCALE: NTS
TYPICAL JAMB REINFORCING



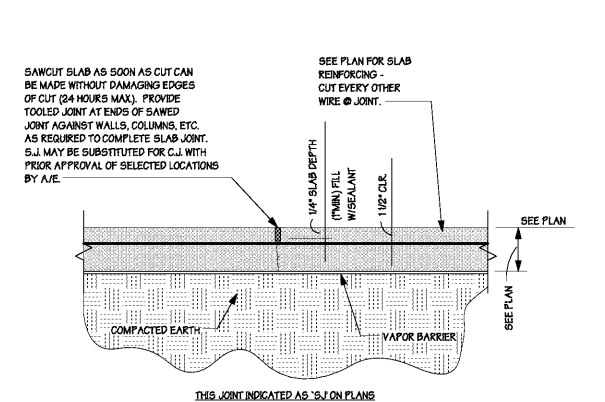
NOTE: VERTICAL REINFORCING SHALL RUN FROM FOOTING TO 4" CLEAR FROM TOP OF UPPERMOST SUPPORTED BEAM (ROOF BEAM OR OPENING LINTEL). VERTICALS MAY BE LAP SPICED 48" DIAMETERS AS REQUIRED FOR EASE OF BLOCK INSTALLATION. PROVIDE HOOKED DOWEL FROM FOOTING OR SUPPORT BEAM AT EACH FILLED BLOCK CELL. PROVIDE HOOK AT TOP OF VERTICAL. EACH FOUR OF GROUT SHALL BE STOPPED AT 1/2" BELOW THE TOP OF THE LAST COURSE OF BLOCK LAD (EXCEPT AT PRECAST LINTELS).
PROVIDE A FILLED CELL UNDER ALL GIRDER TRUSSES AND #1 HP.

TYPICAL FILLED CELLS WITH 1 BAR OR 2 BARS PER CELL

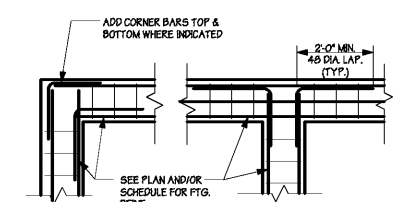
SEE TYPICAL DETAILS AND CODE REQUIREMENTS FOR CLEANOUTS.

WALL TYPE	WALL THICKNESS	REF.	WALL REINFORCING SCHEDULE		REMARKS
			MAXIMUM SPACING O.C.	TYP. UNO.	
M	8"	(1) #5	6'-0"		

2 S500 SCALE: NTS
TYPICAL FILLED CELL

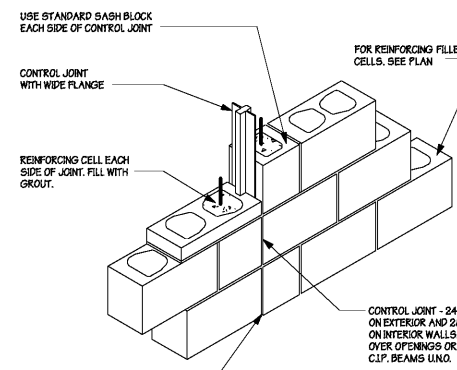


3 S500 SCALE: NTS
TYPICAL CONTROL JOINT



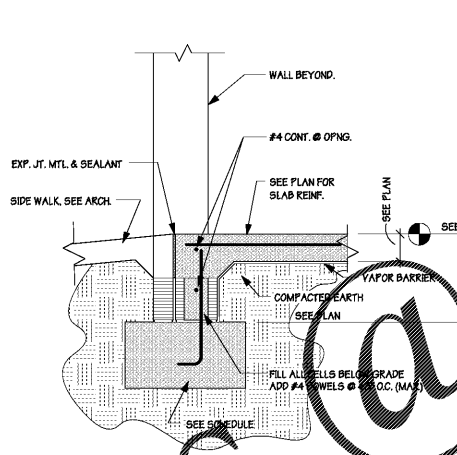
5 S500 SCALE: NTS
CONT. FTG. CORNER BARS

NOTE: DO NOT INTERRUPT HORIZONTAL JOINT REINFORCING & G.M.U. BOND BEAM REINF. AT CONTROL JOINTS.



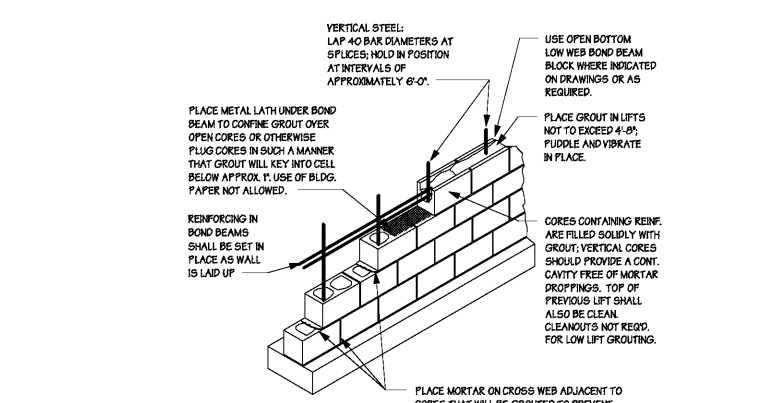
APPLY SEALANT BOTH SIDES
METHOD OF WALL CONTROL JOINT (W.C.J.) CONSTRUCTION SEE PLANS & DETAILS FOR LOCATION.

6 S500 SCALE: NTS
CONTROL JOINT



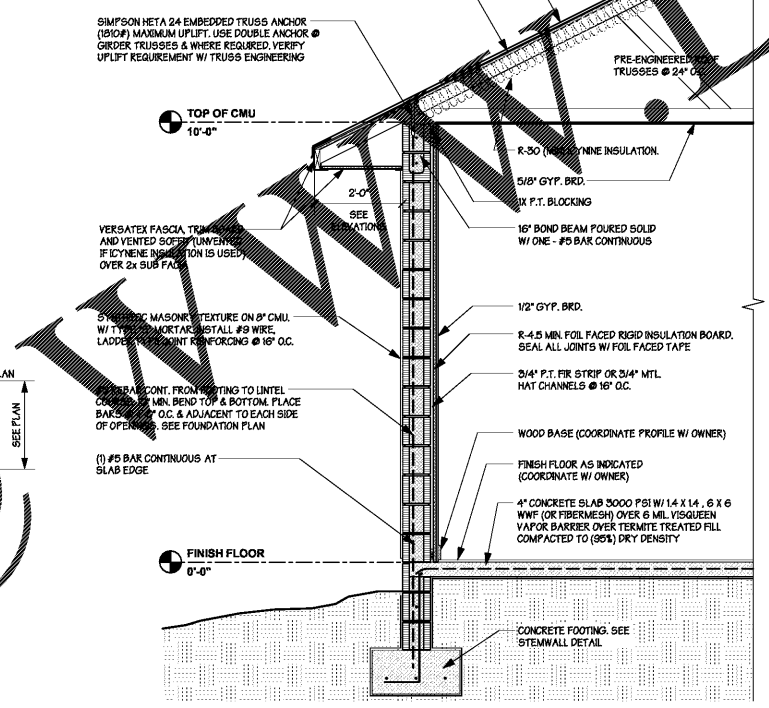
7 S500 SCALE: NTS
EXPANSION JOINT DETAIL

NOTE: SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



9 S500 SCALE: NTS
LOW LIFT GROUTING

24 GA STANDING SEAM METAL ROOF - KYNAR 500 COATED INSTALL PER MANUFACTURER'S SPECIFICATIONS
5/8" ZIP DECKING INSTALLED WITH 2X BLOCKING. SEE RAILING / SHEATHING NOTES, DETAILS, TAPE AND SEAL ALL EDGES.
SIMPSON HETA 24 EMBEDDED TRUSS ANCHOR (200P) MAXIMUM UPLIFT. USE DOUBLE ANCHOR @ GIRDER TRUSSES & WHERE REQUIRED. VERIFY UPLIFT REQUIREMENT W/ TRUSS ENGINEERING



10 S500 SCALE: 1/2" = 1'-0"
TYP. WALL SECTION

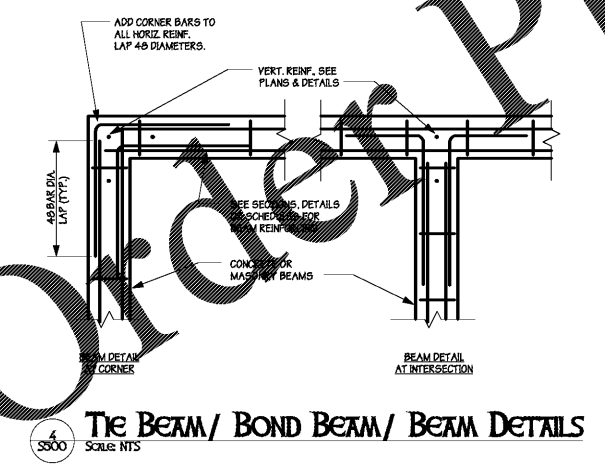
STRUCTURAL NOTES

DESIGN LOADS:
ROOF LIVE LOAD 20 PSF
ROOF DEAD LOAD 10 PSF TOP CHORD
10 PSF BOTTOM CHORD
FLOOR LIVE LOAD 10 PSF
FLOOR DEAD LOAD 15 PSF

CONTRACTOR NOTE:
THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. DONAHUE ARCHITECTURE, INC. IS NOT RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION OR FOR RELATED SAFETY PRECAUTIONS AND PROGRAMS.

CODES AND STANDARDS:

- WIND LOADS AS PER:
 - FLORIDA BUILDING CODE WITH EDITION (2021) WITH AN ULTIMATE DESIGN WIND SPEED OF 140 MPH EXPOSURE B, NOMINAL DESIGN WIND SPEED OF 108 MPH, 4' 0" INTERNAL PRESSURE COEFFICIENT, AND BUILDING RISK CATEGORY 1.
 - THIS BUILDING IS DESIGNED AN ENCLOSED BUILDING.
- THE PROJECT WAS DESIGNED IN ACCORDANCE WITH THE:
 - FLORIDA BUILDING CODE WITH EDITION (2021).
 - BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318M-2009 EDITION).
 - MANUAL OF STANDARD PRACTICES FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315-11 LATEST EDITION).
 - NATIONAL DESIGN SPECIFICATION, WOOD CONSTRUCTION (NDS-2005 EDITION).
 - BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-08/ASCE 5.1-08/MSJC 402, 602/2009 EDITIONS).
- ARCHITECTURAL AND MECHANICAL DRAWINGS:
 - THE STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT. STRUCTURE. THE GENERAL CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND COORDINATE THE INFORMATION CONTAINED IN THESE DRAWINGS WITH THE STRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT.
 - REFER TO ARCHITECTURAL, MECHANICAL, OR ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS, REVISIONS, FINISHES, INSERTS, BOLTS SETTINGS, DRAINS, REGISTS, ETC.
 - BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.
 - DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH ANY WORK.
 - ALL STRUCTURES HAVE BEEN DESIGNED TO RESIST THE DESIGN LOADS LISTED ONLY AS COMPLETED STRUCTURES. THE GENERAL CONTRACTOR SHALL FULLY BRACE AND OVERBRASS PROTECT WORK IN PROGRESS UNTIL THE STRUCTURES ARE COMPLETED. THE GENERAL CONTRACTOR SHALL ALSO INSURE THAT IT'S OPERATIONS AND PROCEDURES PROVIDE NO LOADING GREATER THAN THE DESIGN LOADS LISTED ON ANY MEMBER.
- SECTIONS AND DETAILS:
 - ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE SHOWN.



4 S500 SCALE: NTS
THE BEAM/ BOND BEAM/ BEAM DETAILS

8 S500 SCALE: NTS
TYPICAL CLEANOUT

ADDITIONS/REVISIONS

- ALL EXISTING CONDITIONS, DIMENSIONS, LOCATION AND ELEVATIONS OF EXISTING STRUCTURES SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE GENERAL CONTRACTOR IN THE FIELD AND COORDINATED WITH THE NEW CONSTRUCTION PRIOR TO THE START OF WORK OR FABRICATION AND COMPLETION OF ANY WORK. IF DISCREPANCIES ARE DISCOVERED BETWEEN EXISTING CONDITIONS AND CONTRACT WORK, THE GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER PRIOR TO PERFORMANCE OF ANY WORK.
- PROVIDE TO SHOP DRAWING PREPARATION. THE GENERAL CONTRACTOR IS TO INVESTIGATE AND VERIFY ACTUAL FIELD CONDITIONS, EXPOSED OR CONCEALED AND TAKE INTO ACCOUNT ANY POSSIBLE CONSTRUCTION INTERFERENCES AND RELOCATIONS OR, BUT NOT LIMITED TO STRUCTURES, EQUIPMENT, UTILITIES, CABLES, PUCT LINES, PIPING, DRAIN LINES, ETC.
- ANY PORTION OF EXISTING STRUCTURE ADJACENT TO THE CONSTRUCTION WHICH MAY BE DISTURBED OR DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR TO A CONDITION AS GOOD AS BEFORE THE COMMENCEMENT OF THE WORK AND ADDITIONAL COSTS TO THE OWNER.
- EXISTING STRUCTURES SHALL BE PROTECTED, MAINTAINED AND SUPPORTED DURING THE CONSTRUCTION WORK.

FOUNDATION

- BOTTOM OF FOOTINGS ASSUMED TO BEAR ON SOL CAPABLE OF SAFELY SUPPORTING 3,000 PSF.
- SOILS SUPPORTING ALL FOOTINGS MUST BE INSPECTED AND APPROVED BY A REGISTERED SOILS ENGINEER BEFORE COMMENCING WORK. APPROVAL IN WRITING MUST INDICATE THE SOIL IS ADEQUATE TO SAFELY SUSTAIN EXPECTED SOIL BEARING PRESSURES.
- TOP OF ALL EXTERIOR FOOTINGS SHALL BE MINIMUM 12 INCHES BELOW EXTERIOR FINISH GRADE OR MATCH EXISTING STRUCTURE FOOTINGS.
- EXCAVATION & BACKFILL:
 - ALL EXCAVATION SHALL BE KEPT DRY. EXCAVATE TO DEPTHS AND DIMENSIONS INDICATED. TAKE EVERY PRECAUTION TO GUARD AGAINST ANY MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES, UTILITIES, PIPING, ETC.
 - PROVIDE ANY BRACING OR SHORING NECESSARY TO AVOID SETTLEMENT OR DISPLACEMENT OF EXISTING FOUNDATION OR STRUCTURES.
- CONTINUES OF FOOTINGS: SHALL CONFORM WITH CENTERLINE OF COLLUMNS UNLESS OTHERWISE NOTED ON DRAWINGS.
- DIMENSIONS: ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS MUST BE VERIFIED AND COORDINATED WITH THE ARCHITECTURAL DRAWINGS BY THE CONTRACTOR BEFORE PROCEEDING WITH THE CONSTRUCTION. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER IN WRITING BEFORE PROCEEDING WITH ANY WORK.

CONCRETE

- CONCRETE ELEMENTS SHALL HAVE THE FOLLOWING STRENGTHS:
 - FOUNDATIONS 3,000 PSI
 - SLAB ON GRADE 3,000 PSI
 - MASONRY GROUT 3,000 PSI
- ALL OTHER CONCRETE TO BE 3,000 PSI UNLESS NOTED OTHERWISE.
- ALL CONCRETE SHALL BE READY MIX AND MEET THE FOLLOWING REQUIREMENTS:
 - A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
 - SLUMPS SHALL BE 4 INCHES MINIMUM AND 7 INCHES MAXIMUM.
 - CONCRETE SHALL HAVE 5 PERCENT AIR ENTRAINMENT.
 - ALL CONCRETE TO HAVE MAXIMUM WATER-CEMENT RATIO OF 0.55.
 - JOB SITE WATER SHALL NOT BE USED.
- ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE ACI BUILDING CODE, ACI 308-11 EDITION, THE ACI RETAINING MANUAL (ACI 318-11 EDITION), AND THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 318-11 EDITION).
- SUBMIT ALL REINFORCING SHOP DRAWINGS FOR APPROVAL PRIOR TO ANY FABRICATION.
- CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS REQUIRED BY ACI SPECIFICATIONS. FABRIC SHALL BE WITH ASTM A 180 UNLESS OTHERWISE SPECIFIED. PLACE FABRIC 2" CLEAR FROM TOP OF THE SLAB OR SLAB ON GRADE AND SUPPORT ON SLAB BOLSTERS SPACED AT 3'-0".
- LAP ALL REINFORCING AS B TERMINUS SPICE UNLESS OTHERWISE NOTED ON DRAWINGS. LAP ALL W/P A MINIMUM OF 6 INCHES UNLESS OTHERWISE NOTED.
- REINFORCING BARS:
 - ALL REINFORCING BARS SHALL BE UNCOATED HIGH STRENGTH BILLET STEEL CONFORMING TO ASTM DESIGNATION A 616 GRADE 60.
 - AT CORNERS OF WALLS, BEAMS, AND CONTIGUOUS WALL FOOTINGS, PROVIDE L AP OR W/ CROSSING HORIZONTAL BARS 1'-0" FROM BAR FOR EACH HORIZONTAL BAR SCHEDULED AT EACH FACE.
 - ALL HOOKS SHALL BE REINFORCEMENT SHALL BE RECOMMENDED UNLESS OTHERWISE NOTED.

MASONRY

- MASONRY UNITS SHALL BE:
 - CONFORMING TO ASTM C90
 - NON-MOISTURE CONTROLLED
 - ALL CMU SHALL BE LAID IN A FULL BED OF MORTAR IN RUNNING BOND (UNO).
- THE COMPRESSIVE STRENGTH OF MASONRY (PM) SHALL BE 1,500 PSI AS CALCULATED IN ACCORDANCE WITH ASTM C900.
- ALL MORTAR SHALL BE IN ACCORDANCE WITH ASTM SPECIFICATION C270.
- GROUT SHALL BE A HIGH SLUMP MIX:
 - IN ACCORDANCE WITH ASTM SPECIFICATION C476
 - HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI
- ALL CONCRETE MASONRY BEARING AND SHEAR WALLS SHALL BE INSPECTED BY A CERTIFIED INSPECTION COMPANY AND CONSTRUCTED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENT FOR MASONRY STRUCTURES" (ACI 530.1-08/ASCE 5.1-08/MSJC 402) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1-08/ASCE 5.1-08/MSJC 402) 2009 EDITIONS.
- PROVIDE 1" X 8" MASONRY BEAM WITH 2 PS CONT. AT EVERY WINDOW SILL. EXTEND BEAM 6" BEYOND EDGE OF OPENING.
- ALL BRICK MASONRY UNITS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AND BOND TOGETHER WITH TYPE S MORTAR.
 - PROVIDE 1" X 8" MASONRY BEAM WITH 2 PS CONT. AT EVERY WINDOW SILL. EXTEND BEAM 6" BEYOND EDGE OF OPENING.
 - PROVIDE 1" X 8" MASONRY BEAM WITH 2 PS CONT. AT EVERY WINDOW SILL. EXTEND BEAM 6" BEYOND EDGE OF OPENING.
- PROVIDE CONTROL JOINTS IN MASONRY WALLS AT 8' SPACING OR 3'-0" AND ALIGN WITH ARCHITECTURAL CONTROL JOINTS.
- EXPOSED GROUT SHALL BE NON-SHREK HIGH-CREEP RESISTANT AND SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE PROPERTIES: TENSILE STRENGTH, ASTM C 1500; 1,000 PSI FLEXURAL STRENGTH, ASTM C 690; 4,000 PSI COMPRESSIVE STRENGTH, ASTM C 1576; 1600 PSI 28 DAYS.
- MINIMUM LAP SPICES FOR REINFORCING CMU PER 2009 FBC:

SECTION 2007.5	BAR SIZE	#1	#2	#3	#4	#5	#6	#7	#8
A	LAP SPICES SHALL OCCUR DIRECTLY ABOVE FOOTINGS AND SLABS, NO SPICES ARE ALLOWED AT 1/2" HEIGHT OF WALL	24"	30"	36"	42"	48"			
B	LAP SPICES THAT OCCUR AT CANTILEVERED WALLS SUCH AS PARAPETS, RETAINING WALLS, ETC. SHALL HAVE LAP SPICE LENGTHS INCREASED BY 50% TO 2 BAR DIAMETERS.								
- MASONRY LINTELS:
 - A PRECAST CONCRETE LINTEL BY CAST-CORTE SHALL BE PROVIDED OVER ALL MASONRY WALL OPENINGS. THE LINTEL SHALL BE FULLY GROUTED.
 - LINTELS TO HAVE 4" MINIMUM BEARING AT EACH END.
 - SHORE PRECAST LINTEL PER MANUFACTURER'S INSTRUCTIONS.

WOOD

- ALL STRUCTURAL WOOD MEMBERS ARE DESIGNED AS "DRY-USE". MOISTURE CONTENT MUST BE 19% OR LESS. STORE WOOD FRAMING ABOVE GROUND AND UNDER TARPS WITH PROPER AIR CIRCULATION.
- ALL LUMBER SHALL BE SOUTHERN PINE SPECIES #3 GRADE OR APPROVED EQUAL. ALLOWABLE DESIGN STRESSES SHALL FOLLOW NATIONAL DESIGN SPECIFICATION (NDS) (LATEST EDITION).
- HEADERS AT NON-BEARING CONDITIONS SHALL BE AS FOLLOWS:

OPENING SIZE	HEADER
UP TO 4'-0"	(2) 2" X 6"
4'-0" TO 6'-0"	(2) 2" X 8"
6'-0" TO 8'-0"	(2) 2" X 10"
- PROVIDE 5" X 4" PRESSURE TREATED LUMBER IN ACCORDANCE WITH AFWA STANDARDS TO A MINIMUM 6' 0" JOINT RETENTION WHERE LUMBER IS IN CONTACT WITH CONCRETE MASONRY OR OUTSIDE OF BUILDING. ALL JOINTS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE GALVANIZED WITH A RATING OF 5 OR BETTER AND CONFORM TO AFWA 608. ALL WALLS AND SCREENS USED WITH PRESSURE TREATED LUMBER ARE TO BE HOT-DIPPED GALVANIZED AND TO CONFORM TO ASTM A 653 CLASS B. ELECTROLYTICALLY ANNEALED FASTENERS SHALL HAVE A CLASS KATING PER ASTM F 846 NO LESS THAN 1/4" ALUMINUM NOT TO BE USED IN DIRECT CONTACT WITH ACQ TREATED LUMBER.
- PLYWOOD SHEATHING:
 - FLOOR: USE 5/8" T&G APA 2446 STURD-FLOOR EXPT. 1 PLYWOOD SUB-FLOOR SHEATHING.
 - WALL: USE 5/8" T&G APA 2446 STURD-WALL EXPT. 1 PLYWOOD SHEATHING.
 - ROOF: USE 5/8" T&G APA 2446 STURD-ROOF EXPT. 1 PLYWOOD SHEATHING.
 - USE BRACING PLAN FOR WALLS AND ROOF BRACING REQUIREMENTS. USE 1" X 4" LONG 1/4" WIDE SHEETS WITH LENGTHS ACROSS FRAMING. STAGGER F&N END JOINTS 4' TYP. ALLOW 1/8" SPACE ALONG PANEL EDGES AND END JOINTS.
 - USE BRACING PLAN TO BE SCHEDULED WITH W/ WOOD SCREWS AT 6" O.C. AND GLED FOR PARTIAL COMPOSITE ACTION. SELECT ADHESIVE WITH AFWA-605 DISPERSE AND FOLLOW AFWA RECOMMENDATIONS.
 - SEE FRAMING PLANS FOR DIMENSIONAL WALLING TYPE, SIZE, SPACING AND LOCATIONS.
- WOOD CONNECTIONS - ALL WALLS USED FOR STRUCTURAL FRAMING MEMBERS SHALL BE COMMON WIRE UNO. ALL WALLS, TRUSS HANDERS, TRUSS ANCHORS AND STRAPS SHALL BE GALVANIZED FOR CORROSION RESISTANCE. ALL METAL STRAPS MUST BE INSTALLED WITH EQUAL LENGTHS ABOUT THE JOINT LINE. USE SIMPSON STRONG-TIE CONNECTOR PRODUCTS OR APPROVED EQUAL. THE WALLING WILL NOT BE PERMITTED.

TIMBERS

- ALL MICROLAM LVL BEAMS TO:
 - BE ENGINEERED AND MANUFACTURED BY TRUSS-JOIST WEYERHAEUSER (TJW) OR APPROVED EQUAL. TEMPORARY BRACING TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE CONTINUOUS SUPPORT OF THE COMPRESSION EDGE AND PROVIDE LATERAL SUPPORT AT ALL BEARINGS. THE MINIMUM ALLOWABLE STRESSES FOR MICROLAM BEAMS ARE AS FOLLOWS:
F_b = 2,800 PSI F_v = 280 PSI E = 1,900,000 PSI
 - CONNECT TO PLY LVL W/ ROWS OF 16 COMMON WALLS AT 12" O.C.
 - CONNECT TO PLY LVL W/ ROWS OF 16 COMMON WALLS AT 12" O.C. EACH FACE.
 - CONNECT TO PLY LVL W/ ROWS OF 12 SMALL BOLTS AT 12" O.C. AT A 2" EDGE DISTANCE, TOP & BOTTOM USE ASTM A307 GRADE BOLT WITH WASHERS UNDER HEAD AND NUT.

WOOD TRUSSES

- WOOD:
 - ROOF TRUSSES ARE TO BE DESIGNED FOR THE WOOD FABRICATOR BY A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. SEALED CALCULATIONS AND LAYOUT DRAWINGS ARE TO BE SUBMITTED FOR APPROVAL. TRUSS FABRICATOR TO PROVIDE ALL TRUSS TO TRUSS BRACING TO RESIST GRAVITY AND UPLIFT REACTION UPLIFT LOADS SHALL USE COMPONENTS & CLASSING W/NO FORCE.)
 - WOOD TRUSSES SHALL BE BRACED AND ERECTED IN ACCORDANCE WITH THE 2008 EDITION OF THE BUILDING COMPONENT SAFETY INFORMATION GUIDE TO GOOD PRACTICES FOR HANDLING, INSTALLING, RESTRAINING & BRACING METAL PLATE CONNECTED WOOD TRUSSES. EACH LVL TRUSS TO BE PROVIDED BY T&G AND TRUSS FLUTE INSTITUTE. BRACING IN THE PLANE OF THE WEB MEMBERS.
 - THE TRUSS FABRICATOR SHALL PROVIDE AND LOCATE CONTINUOUS LATERAL BRACING FOR EACH TRUSS WEB MEMBER AS REQUIRED.
 - LATERAL BRACING SHALL BE RESTRAINED BY BRACING BRACING PLAN 2" THICK NOMINAL LUMBER. THIS BRACING IS TO BE CONTINUOUS.
 - A MINIMUM OF TWO ROWS OF BRACING IS REQUIRED. ONE AT EACH END OF THE TRUSS AND ONE CLOSEST TO BRACING LOCATIONS.
 - THE BOTTOM CHORDS SHALL BE BRACED BY CONTINUOUS LATERAL BRACING AS FOLLOWS: AT 6' 0" ON CENTER WITH A CEILING AT ACHD TO BOTTOM OF TRUSSES. IF NO CEILING IS ATTACHED TO BOTTOM OF TRUSSES, BRACING SHALL BE MINIMUM 2" X 4" ON CENTER MAILED TO THE TOP OF THE BOTTOM CHORD. DIAGONALS PLACED AT 45 DEGREES TO THE LATERAL BRACES SHALL BE LOCATED AT EACH END. IF BRACING EXCEEDS 60 FEET IN LENGTH, BRACING SHOULD BE REPEATED AT 20 FOOT INTERVALS.
 - TOP CHORD BRACING:
 - IF PLYWOOD DECKING IS APPLIED DIRECTLY TO TOP CHORD, PROPERLY LAPPED AND NAILED TO DEVELOP DIAPHRAGM ACTION, BRACING IS NOT REQUIRED.
 - IF BRACING IS USED, BRACING TOP CHORD BRACING IS REQUIRED AT EACH END. IF BRACING EXCEEDS 60 FEET IN LENGTH, BRACING SHOULD BE REPEATED AT 20 FOOT INTERVALS.
 - DO NOT CUT, DRILL OR NOTCH ROOF TRUSSES WITHOUT WRITTEN APPROVAL FROM TRUSS ENGINEER. COORDINATE MECHANICAL, ELECTRICAL, PLUMBING, ETC. SIZES AND LOCATIONS WITH TRUSS LAYOUT PRIOR TO ERECTION.
 - TRUSSES SHALL BE MANUFACTURED & DESIGNED IN ACCORDANCE WITH NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, A & P, AND NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION, ANSI/TPI-1999, AND THE LOCAL CODE JURISDICTIONS.
 - DO NOT OVERLOAD FLOOR OR ROOF TRUSSES WITH BUILDING MATERIALS.
 - CONNECTOR PLATES SHALL BE MANUFACTURED BY A W/CA MEMBER PLATE SUPPLIER AND SHALL MEET OR EXCEED ASTM A307 GRADE B REQUIREMENTS FOR STRUCTURAL STEEL.
 - WOOD TRUSS MANUFACTURER TO DESIGN BOTTOM CHORDS OF WOOD ROOF TRUSSES FOR A MINIMUM 10 LBS/ LINEAL FOOT. BOTTOM CHORDS OF WOOD ATTIC TRUSSES TO BE DESIGNED FOR 30 PSF MINIMUM LIVE LOAD.
 - WOOD TRUSS MANUFACTURER TO DESIGN BOTTOM CHORD OF WOOD TRUSSES FOR 15 PSF DEAD LOAD.
 - ADDITION TO THE LOADS SHOWN IN THE DESIGN LOAD SCHEDULE, THE WOOD TRUSS MANUFACTURER SHALL DESIGN FOR THE WEIGHT OF ALL MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT FITTURES AS WELL AS DOWNLOADER FITTURES, BRACKETS AND ART WORKS.

REVISIONS

NO.	DATE	DESCRIPTION

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DA

STRUCUTRAL

STRUCTURAL DETAILS / NOTES

A New Residence for Harper / Adkins
14720 NE 248th Ave.
Fort McCoy, FL 32134

DATE: 12/18/18
JOB: D_18017
DRAWN BY: JG
JAD

S500 OF 8

Permit Set