

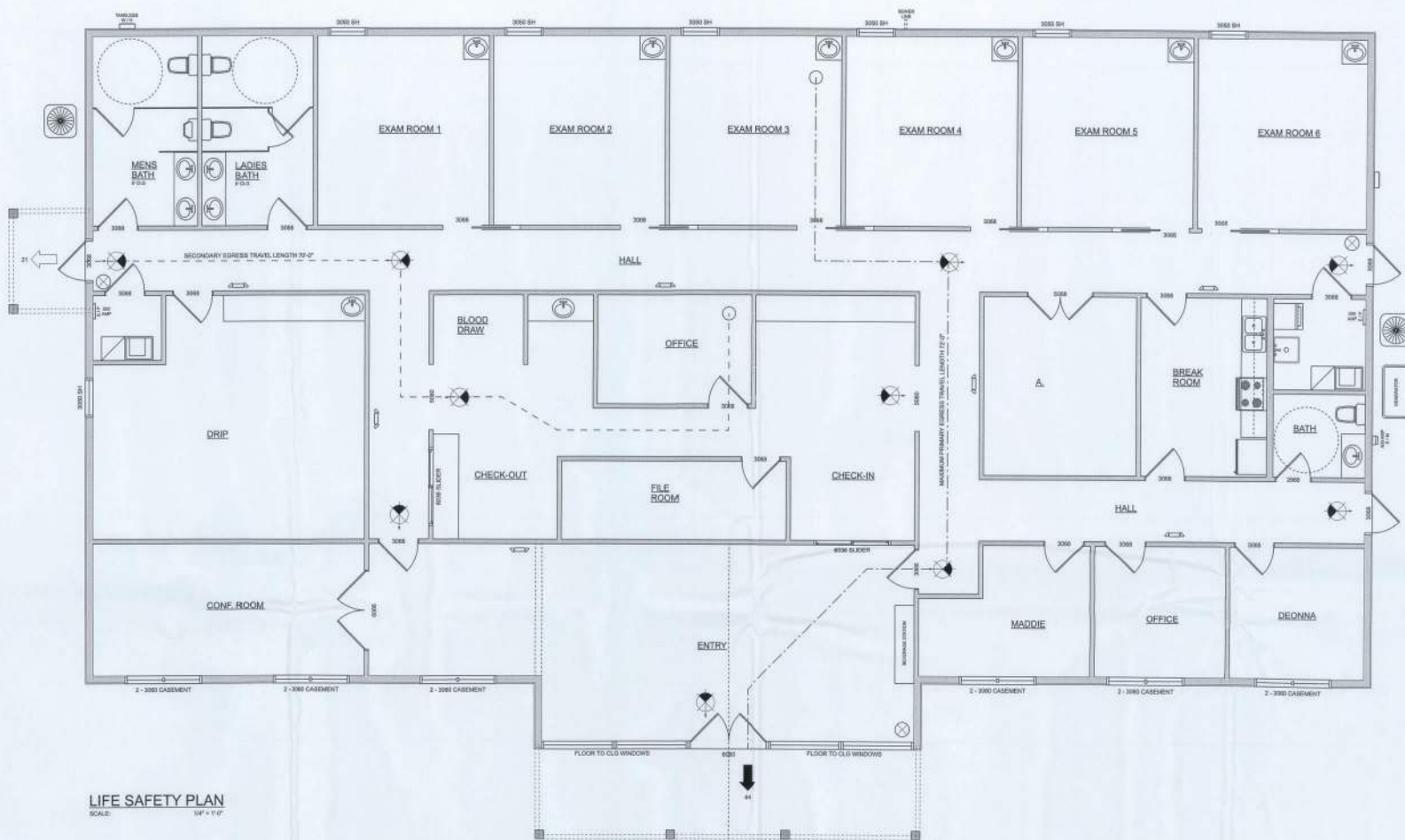
TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



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



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



LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"

LEGEND

- EXIT LIGHT - ARROW REPRESENTS DIRECTION OF EXIT
- WALL HANG "ABC" FIRE EXTINGUISHER
- DOOR / CLOSER FOR EXITING OR RATING REASONS
- PRIMARY EGRESS w/ EXIT CAPACITY
- SECONDARY EGRESS
- EGRESS LIGHT w/ BATTERY BACKUP

NOTE: EMERGENCY LIGHTING AND EXIT SIGNS, SHALL BE PROVIDED AS DIRECTED BY THE FIRE MARSHAL, AND SHALL BE WIRED PER NEC 700-10F

NOTE: SPOKE DETECTORS SHALL BE MOUNTED NOT LESS THAN 10' ABOVE FINISHED FLOOR AND SHALL BE THE IONIZATION TYPE, INTERLOCKED TOGETHER, POWERED FROM EACH STORE PANEL w/ BATTERY BACKUP

EXIT ACCESS TRAVEL DISTANCE PER 303 FBC TABLE 1006.3.1

OCCUPANCY - OFFICE

150 FT. (WITHOUT SPRINKLER SYSTEM)

250 FT. (WITH SPRINKLER SYSTEM)

NOTE: TRAVEL DISTANCES SHOWN ARE MAXIMUM FOR EMERGENCY EGRESS, SECONDARY EGRESS AND NON-EMERGENCY EGRESS - ALL OTHER TRAVEL DISTANCES ARE LESS THAN THAT SHOWN



8" SQ. MALTESE CROSS w/ "NYC" IDENTIFIER SIGNAGE MOUNTED 4'-0" ABV. WALKWAY LOCATE AS DIRECTED BY THE FIRE MARSHAL

2023 FBC-BUILDING, TABLE 1004.5
MAXIMUM FLOOR AREA ALLOWABLE PER OCCUPANT

OCCUPANCY CLASSIFICATION	FLOOR AREA	OCCUPANCY CLASS	NUMBER OF OCCUPANTS
BUSINESS AREAS	434	• 150 SF	28
SALING AREAS	480	• 17 SF	28
RESTROOMS	303	• 1000 SF	3
STORAGE	303	• 1000 SF	1
BUILDING TOTALS	1500		60

EXIT WIDTH CALCULATION

DESIGN OCCUPANCY	REQUIRED EXIT WIDTH	NO. OCCUPANTS
DESIGN OCCUPANCY	48 OCCUPANTS	
REQUIRED EXIT WIDTH	• 0.30' / OCCUPANT = 68 X 0.30 = 19.5'	
EXIT WIDTH PROVIDED	170'	
PROVIDED EXIT CAPACITY	FACILITY AREA: 107'0.50' = 564 OCCUPANTS ALLOWED	

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REVISIONS SCHEDULE

PERMIT DRWG | Feb. 20th, 2025

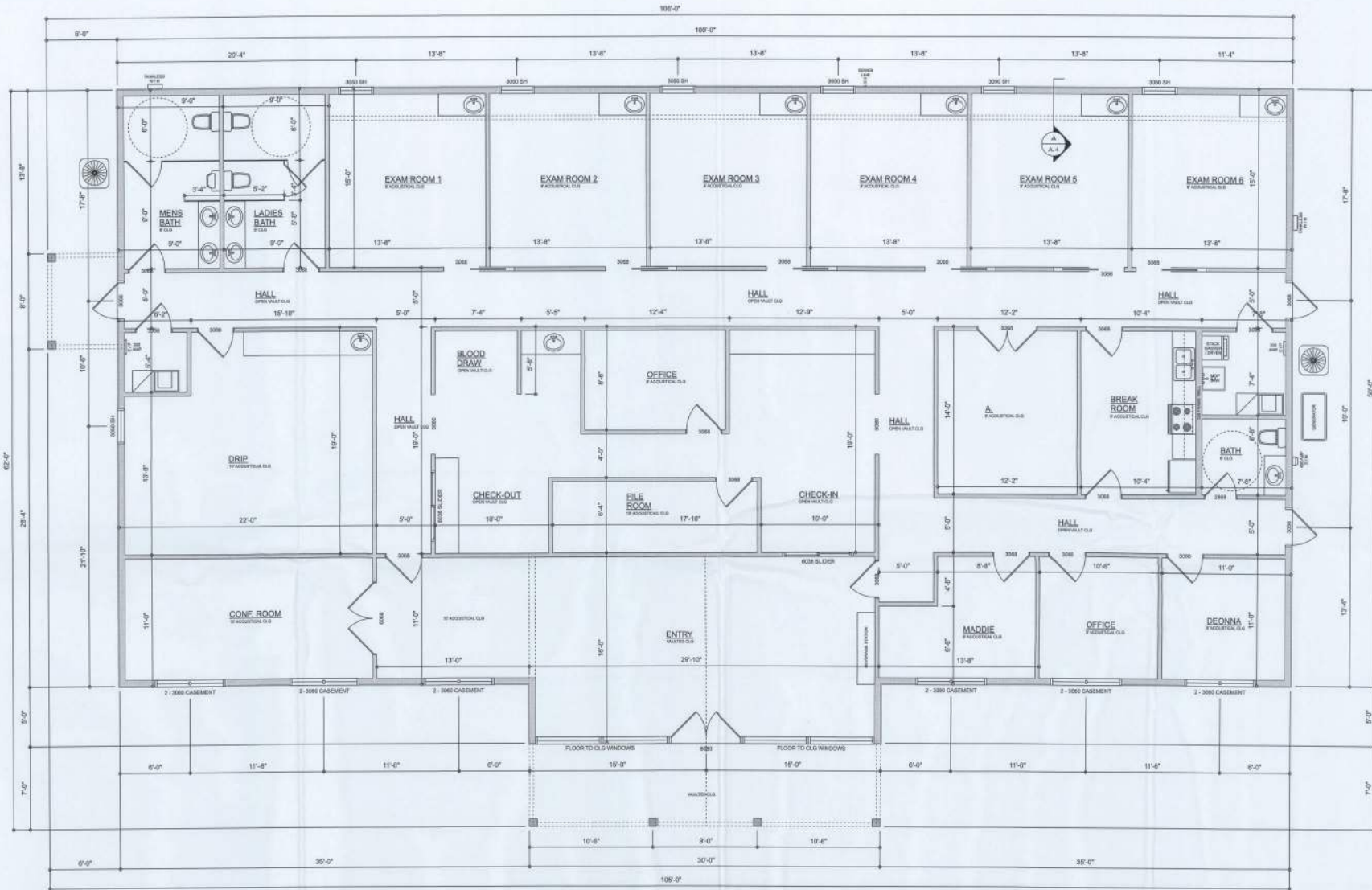
A CUSTOM OFFICE BUILDING FOR
WILLIS OFFICE
COLUMBIAN COUNTY, FL

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515 SW ARLINGTON BLVD., FT. W. FL 32635
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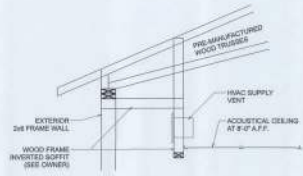
NICHOLAS PAUL GIBLER ARCHITECT
10000 W. Lake City Rd., Suite 200
Lake City, FL 32025



SHEET NUMBER
A.1
OF 7 SHEETS



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



EXAM SOFFIT DETAIL
SCALE: 1/4" = 1'-0"

AREA SUMMARY

OFFICE AREA	5,150 S.F.
FRONT PORCH	210 S.F.
SIDE PORCH	48 S.F.
TOTAL AREA	5,408 S.F.

REVISIONS SCHEDULE
PERMIT DRWG FEB. 20TH, 2025

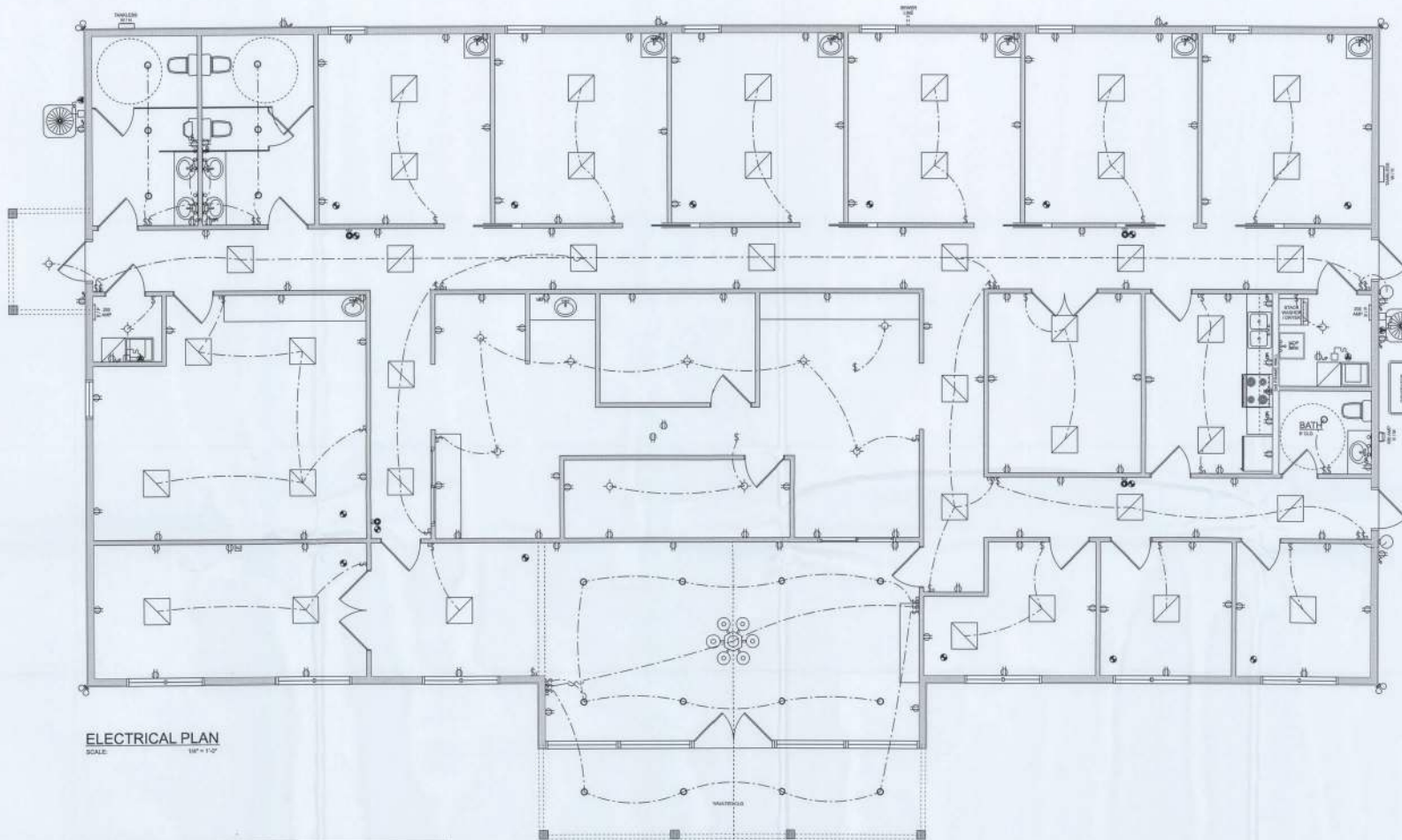
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ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND		
CEILING FAN		■
CAN LIGHT 6inch		■
CHANDELIER		■
LED CEILING LIGHT 1x4		■
PENDANT LIGHT		■
EXTERIOR SCONCE		■
MOTION SECURITY LIGHT		■
AC DISCONNECT		■
CABLE TV OUTLET		■
	CARBON DETECTOR	■
	CAT6 OUTLET	■
	EXHAUST FAN	■
	OUTLET	○
	OUTLET 220v	○
	OUTLET GFI	○
	OUTLET WP	○
	SMOKE DETECTOR	○
	SWITCH	■
	SWITCH 3 WAY	■
	VANITY BARLIGHT - SMALL	■

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER LATEST NAT'L ELECTRIC CODE.
USE ALL APPLICABLE BRACEDS AND OTHER EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
CONSULT UFG THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
ALL SMOKE DETECTORS SHALL BE 120V AC BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER, INITIAL, RESET AND BEEP ALL BEDROOMS.
ELECTRICAL WORK SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ACCORD TO THE ELEC. PLAN MARKING DIAGRAM, "AS-BUILT" PANELS, SCHEDULES BY ALL LOTS IDENTIFIED BY LOT #, DESCRIPTION & DATA SERVICE INT. & ALL UNDERGROUND USE.
TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR CIRCUITS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTION OF INCLUSIVE SECTION.
LOCATION/ROUTING / DEPTH/ WIRE DIA. SHALL INCLUDE WIRE SIZE/TYPE & EQUIPMENT TYPE W/ RATING & LOADS.
CONTRACTOR SHALL PROVIDE COPY OF AS-BUILT DRAW TO OWNER & 1 COPY TO THE PERMITTING AGENCY.
ALL RECEPTICALS, NOT OTHERWISE NOTED, SHALL BE AND FAULT INTERRUPTER TYPE, BRACKET INDICATED OUTLETS ALL RECEPTICALS IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (GFI).
ALL EXTERIOR RECEPTICALS SHALL BE WEATHERPROOF GROUND FAULT INTERRUPTER TYPE (GFI).

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REVISIONS SCHEDULE	DATE
PERMIT DRAWING	FEB. 20th, 2028

A CUSTOM OFFICE BUILDING FOR:
WILLIS OFFICE
COLUMBIA COUNTY, FL

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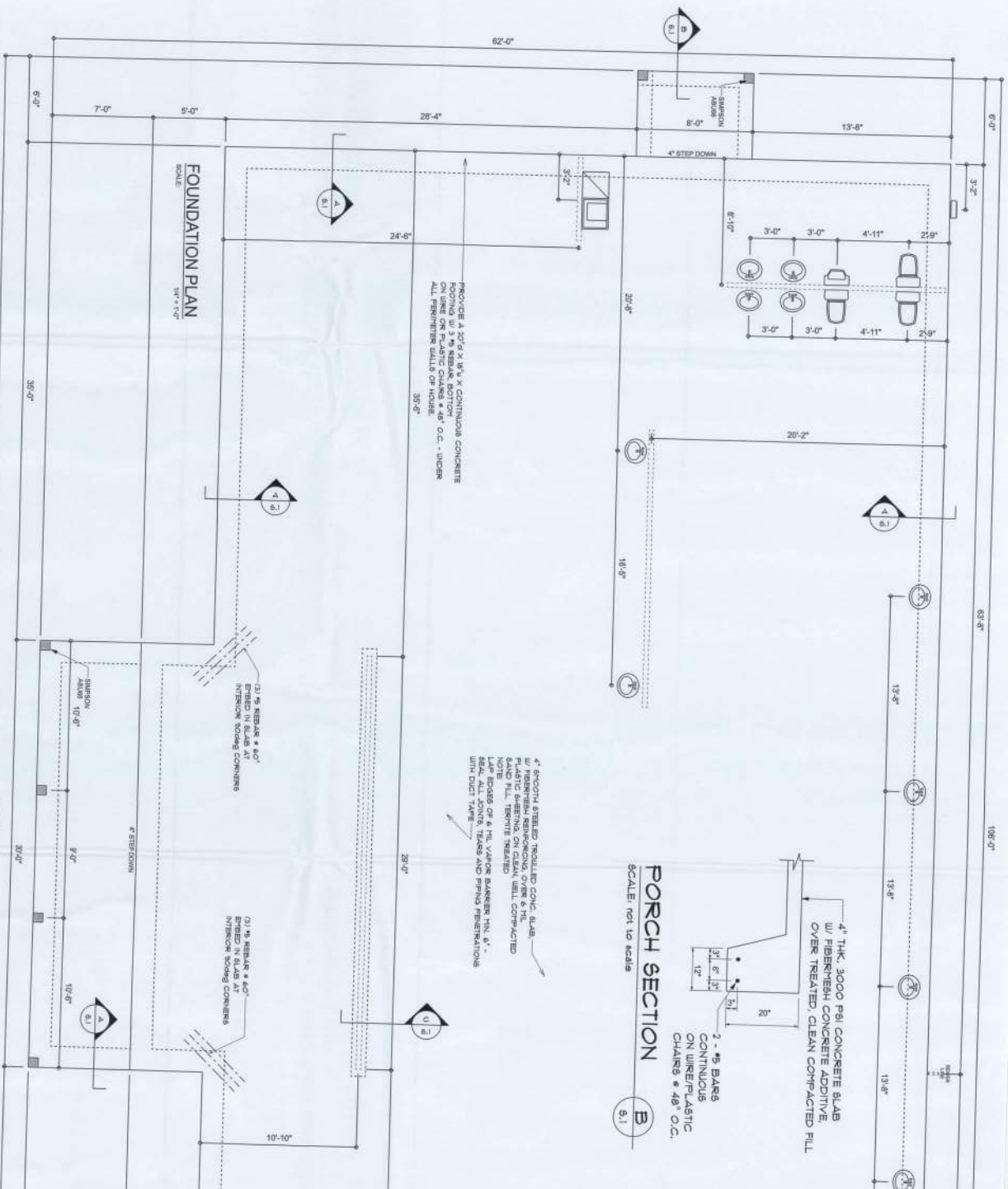


SHEET NUMBER
A.5
OF 7 SHEETS

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 3000 PSF.
- EXPANSIVE SOILS: WHERE INDICATED BY THE SOILS ENGINEER, SOIL BE PRELIMINARILY TESTED. THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE FOLLOWED. REINFORCING STEEL AND FINISHES SHALL BE SPECIFIED. TIEBS AS SPECIFIED SHALL BE PREPARED TO DETERMINE THE STABILITY OF THE SUBGRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER EXISTING AND COMPACTED EXISTING FOOTING SHALL BE PLACED IN 6" LIFTS. BOTH SAND-FILL AND EXISTING FOOTING SHALL BE NOT LESS THAN 36" AS PREPARED BY A REGISTERED PROFESSIONAL ENGINEER AT THE RATE OF ONE TEST FOR EACH 300 SF OF BUILDING FLOOR AREA OR FRACTION THEREOF FOR EACH 6" LIFT.
- REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIREMENTS OF ASTM A639. ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SHALL BE REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A95 - 71K. YIELD STRESS = 65 KSI.

- CONCRETE SHALL BE STANDARD MIX, FC = 3000 PSI FOR ALL FLOOR SLABS, COLUNNS AND BEAMS OR SHALL BE STANDARD MIX FC = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACE. MINIMUM CURING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ALL 8" C-90 RESISTANCE WITH REDUCED SURFACE FINISH - FIN = BOO PER ACI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A588 STANDARDS FOR STRUCTURAL STEEL. ALL BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325. AS PER PLAN REQUIREMENTS.
- BOLTS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

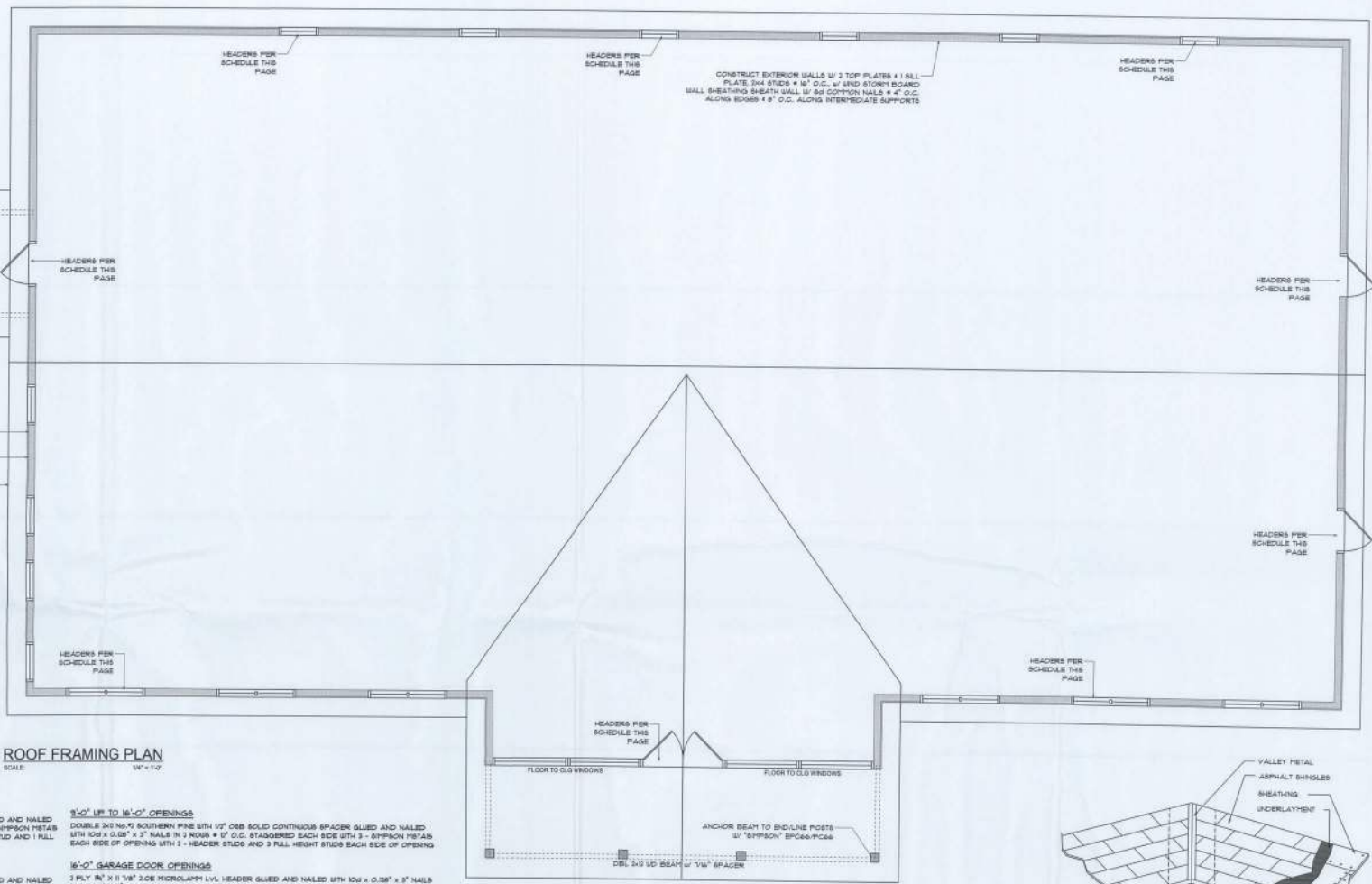


SECTION
SCALE: NOT TO SCALE
A

SECTION
SCALE: NOT TO SCALE
A

INTERIOR BEARING WALL
SCALE: 3/4" = 1'-0"
NOTE: INTERIOR BEARING WALLS SHALL BE MANUFACTURED BY THE MANUFACTURER OF THIS FRAME AT ALL.





ROOF FRAMING PLAN
 SCALE: 1/4" = 1'-0"

NOTE!
 ANCHOR UNDER TRUSSES TO HEADERS WITH 3" SIMPSON LOTS 3 OR 4.
 ANCHOR HEADERS TO KING STUDS W/ 3" SIMPSON 872 BA END - TYP., T.O.

STANDARD HEADER SCHEDULE

- 0'-0" UP TO 6'-0" OPENINGS**
 DOUBLE 2x8 S&S SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10s x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON METALS TOP AND 1 - SIMPSON SPARK BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING
- 6'-0" UP TO 9'-0" OPENINGS**
 DOUBLE 2x8 S&S SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10s x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON METALS TOP AND 1 - SIMPSON SPARK BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING
- 9'-0" UP TO 12'-0" OPENINGS**
 DOUBLE 2x8 S&S SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10s x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON METALS EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING
- 12'-0" GARAGE DOOR OPENINGS**
 2 PLY 1/2" x 1/8" 208 MICROLAM 1/4" HEADER GLUED AND NAILED WITH 10s x 0.28" x 3" NAILS IN 2 ROWS # 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON METALS EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
 - R-2 ALL OVERLAPS 1" (2" ON GABLE) UNLESS OTHERWISE NOTED
 - R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON EC-3
 - R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HELL HEIGHTS
 - R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR
- NOTE!**
 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 EC-4

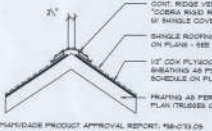
GENERAL TRUSS NOTES:

1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL FOREST PRODUCTS ASSOCIATION MANUAL FOR "TRUSS RATED LUMBER AND ITS CONNECTIONS" LATEST EDITION AS WELL AS THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR PERMANENT 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 REQUIREMENTS 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 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 BRIMS, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 4'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH ROOF BLOCKINGS SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES. NOTES ABOVE.

AREA OF ATTIC	REQ'D LF. OF VENT	NET FREE AREA OF INTAKE
1600 SF	30 LF	400 SQ. IN.
1800 SF	34 LF	450 SQ. IN.
2000 SF	38 LF	500 SQ. IN.
2200 SF	42 LF	550 SQ. IN.
2400 SF	46 LF	600 SQ. IN.
2600 SF	50 LF	650 SQ. IN.



Ridge Vent DETAIL
 SCALE: 3/4" = 1'-0"

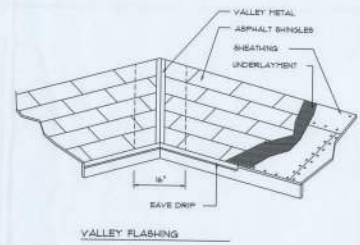
WOOD STRUCTURAL NOTES

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 & 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 N.2 1/2" x 4" 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.

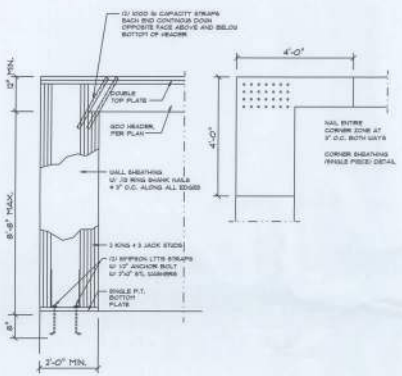
ROOFING METALS for FLASHING/ROOFING
 MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (IN)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		18	
GALVANIZED STEEL	0.076	36 (ZINC COATED 99.99)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		45 30

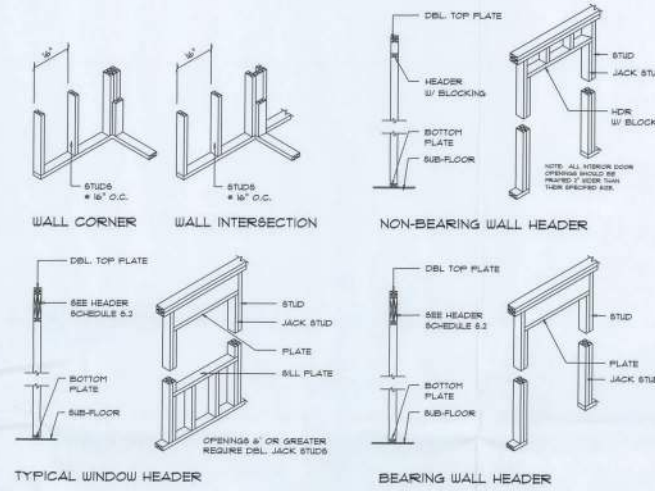
Roofing/Flashing DETS.
 SCALE: NONE



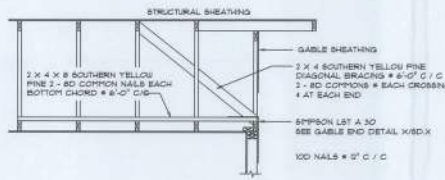
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Garage End Wall DETAILS
SCALE: 1/2" = 1'-0"

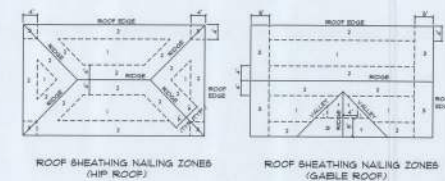


Wall Framing/Header DETAILS
SCALE: NONE

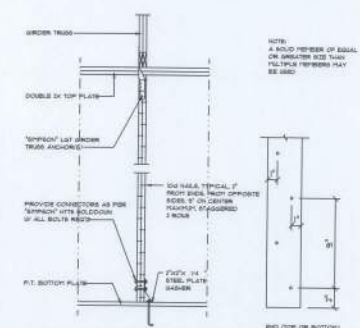


END WALL BRACING FOR CEILING DIAPHRAGM
SCALE: NONE

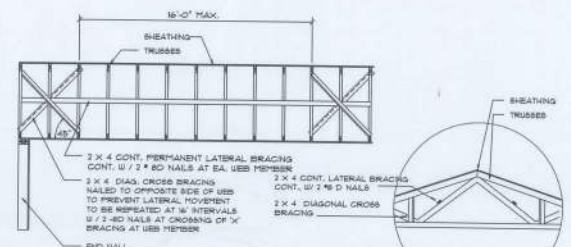
ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" OSB OR 5/8" CDX	1 1/4" x 0.07" RING SHANK NAILS	6" IN. END EDGE 6" IN. FS. FIELD
2	1/2" OSB OR 5/8" CDX	3/4" x 0.07" RING SHANK NAILS	6" IN. END EDGE 6" IN. FS. FIELD
3	1/2" OSB OR 5/8" CDX	1 1/4" x 0.07" RING SHANK NAILS OR GABLE TRUSS 6" IN. END EDGE	6" IN. END EDGE 6" IN. FS. FIELD



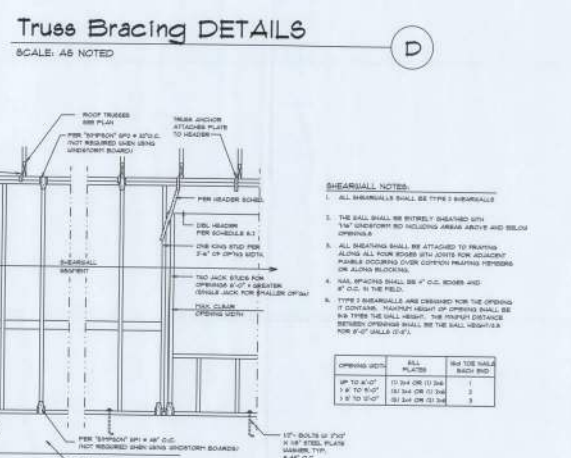
Roof Nail Pattern DET.
SCALE: NONE



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



TYP. PERMANENT TRUSS BRACING DIA.
SCALE: AS NOTED



Shear Wall DETAILS
SCALE: NONE

SHEARWALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 3 SHEARWALLS
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/2" UNDERFLOOR BOARD INCLUDING ANCHOR AND BELOW OPENINGS
- ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH SPIES FOR ADJUSTMENT. WALLS OCCURRING OVER COMMON RAFTERS/VENTILATORS OR ALONG ROOFS.
- WALL OPENINGS SHALL BE 4" C.C. SIDING AND 4" C.C. IN THE FIELD.
- TYPE 3 SHEARWALLS ARE CLASSIFIED FROM THE OPENING TO CONTAIN. RAFTER HEIGHT OF OPENING SHALL BE 1/4" FROM THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT AS PER 6.01 OF IBC 6.01.1.

OPENING SIZE	ALL WALLS	1/2" OSB WALLS
UP TO 8'-0"	10 MIN OR 12 MAX	3
8'-0" TO 8'-6"	10 MIN OR 12 MAX	3
8'-6" TO 9'-0"	10 MIN OR 12 MAX	3

REVISIONS SCHEDULE
PERMIT DRWG
Feb. 20th, 2020

A CUSTOM OFFICE BUILDING FOR
WILLIS OFFICE
COLUMBIA COUNTY, FL

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SHEET NUMBER
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OF 7 SHEETS

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