

PHONE: (812) 446-2397
(812) 448-1236
E-MAIL: bemmert@timber
CONTACT: BRAD EMMERT

HOLDER DESIGN, INC
19 South 6th Street, Suite 505
Terre Haute, IN 47807

812.235.1300
xxx
mholder@holderd
: Matt Holder, AIA

VICINITY MAP

PLANNING AND ZONING
Area Planning Department 70 E Monroe Street Franklin, Indiana 46131
PHONE: 877-736-3631
FAX: 317-736-5310
CONTACT: Krista Linke

TELEPHONE COMPANY
Frontier Communication

GAS COMPANY Vectren Energy Delh

PROJECT DESCRIPTION

PROJECT ADDRESS

1784 E JEFFERSON ST FRANKLIN, INDIANA

**BUILDING ADDITION** 

PROJE

**INFORMATION** 

**DESIGN CODES** 

- INDIANA BUILDING CODE 2008
(BASED ON 2006 IBC)
- INDIANA PLUMBING CODE 1999
- INDIANA MECHANICAL CODE 2008 (BASED ON IMC 2006)
- INDIANA ELECTRICAL CODE 2005 (BASED ON NFPA 70-2005)
- INDIANA FIRE CODE 2008 (BASED ON IFC 2006)

PROJE

DIRE

TORY

Franklin Fire Dept. 1701 N Main Street Franklin, Indiana 46131
PHONE: 888-736-3650
FAX: 317-738-8987
CONTACT: xx

PHONE:

PHONE: FAX:

SQUARE FOOTAGE

1,093 SQ. FT.

OCCUPANCY

OFFICE

CONSTRUCTION TYPE

WATER
COMPANY
Indiana American Water
555 E County Line Road
Greenwood, IN

888-736-3650 317-736-8967 xx

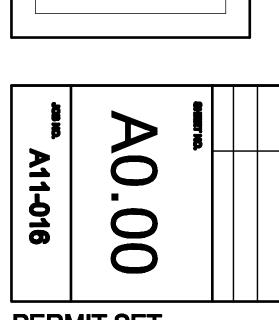
ARCHITECT:

BRAD EMMERT
EMMERT GROUP PROPORTIES, LLC
P.O. Box 193
Brazil, IN 47834
PHONE: (812) 446-2397

OWNER:

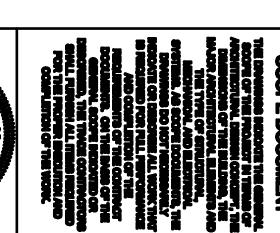
CONTAC

NOVEMBER 4, 2011

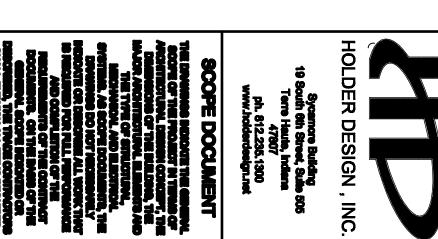


**MXS GENERAL INFORMATION** REVISIONS **12.30.11** FRANKLIN, INDIANA





MEP



# A0.00 A0.01 A0.02 A2.00 A2.00 A2.03 A3.00

OUNDATION PLAN
ONSTRUCTION FLOOR PLAN
EFLECTED CEILING PLAN

**DRAWING** 

INDEX:

ARCHITECTURAL

REV. 3

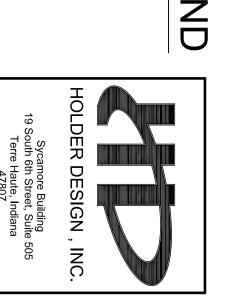
**JOHNSON COUNTY DCS** 

DRAWN BY: MLH CHECKED BY: MLH PLOT SCALE: **AS NOTED** DATE:

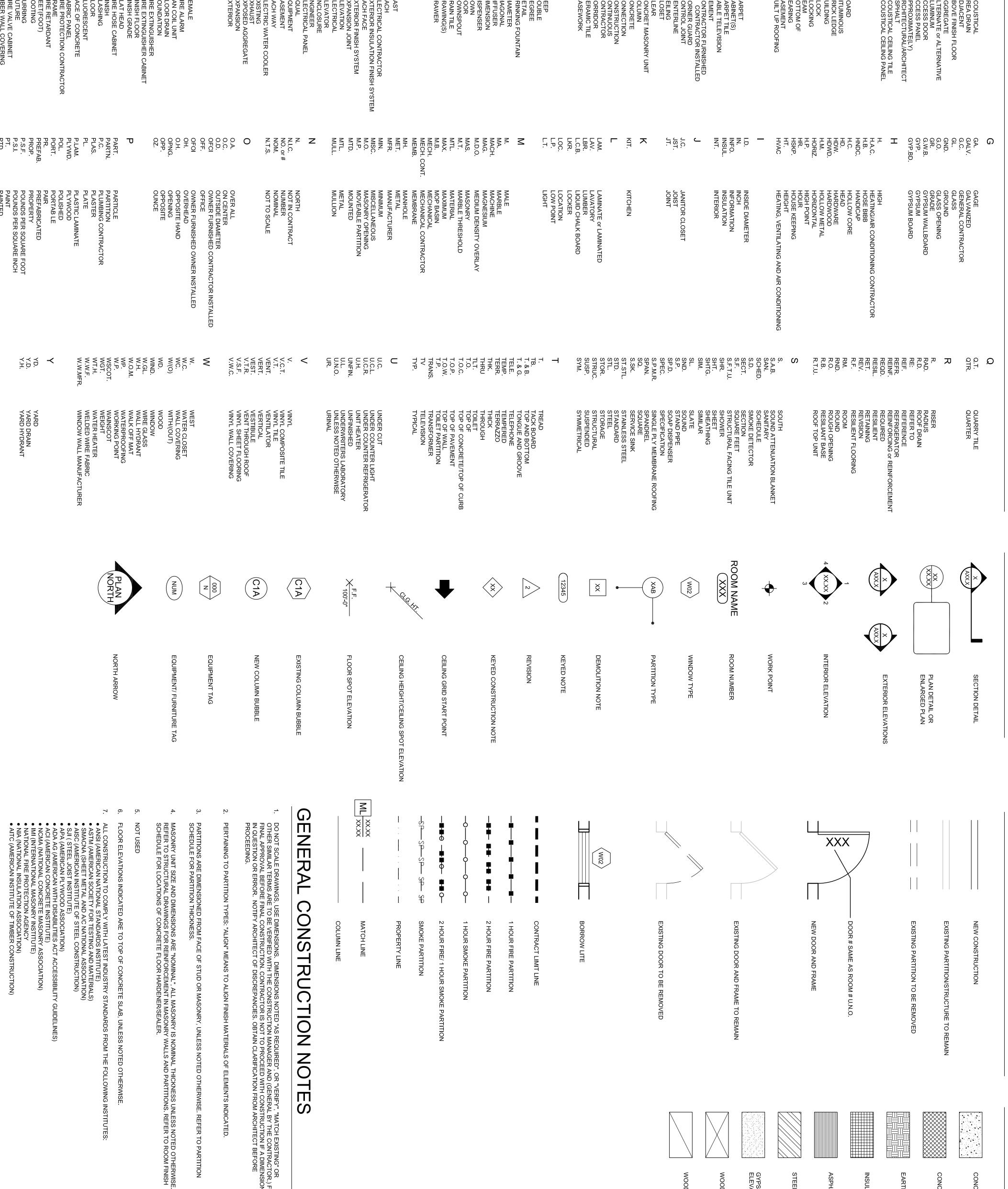
11.4.11



**PERMIT SET** 



CONCRETE



Detailing, fabrication and erection of structural steel shall be in conformance with the AISC Specification for Structural Steel Buildings, latest edition with amendments, and the AISC Code of Standard Practice for Steel Buildings and Bridges, latest edition with amendments. Rolled shapes shall conform to ASTM A572 Grade 50.

Plates shall conform to ASTM A36.

Tubing shall conform to ASTM A500, Grade B.

Column anchor bolts shall conform to ASTM A36, unless noted otherwise

Design connections not shown per the latest edition of the AISC Specification and Manual of Steel Construction. Rolled shapes and plates shall be shop-painted with a rust inhibiting primer, unless directed otherwise by the specification. Touch up all nicks and abrasions after erection is complete.

Bolted connections shall be made with 3/4" diameter bolts, conforming to ASTM A325, tightened to the snug tight condition, unless noted otherwise. Connections shall conform to the Specification for Structural Joints Using ASTM A325 Bolts, approved by the Research Council on Structural Connections of the Engineering Foundation.

Welding of structural members shall be in conformance with the American Welding Society's (AWS) Structural Welding Codes for: Steel ANSI/AWS D1.1, Sheet Steel ANSI/AWS D1.3 and Reinforcing Steel ANSI/AWS D1.4.

Design values shall meet the following minimum requirements:

-stress related) shall be No. 2 Spruce Pine Fir,

content 19%

(Repetitive Use) (Parallel to Grain)

(Parallel to Grain)

(Mod of Elasticity)

E (psi)

Fc (psi)

Base material within 2" of any field weld shall be free of materials that would prevent proper welding or produce toxic fumes during welding operations. Typical welded connections shall be made with E70XX electrodes. When ASTM A572 steel is used as a base metal, E70XX Low Hydrogen electrodes shall be used.

Splicing of structural steel members is not permitted without prior approval of the Structural Engineer

Nails and other wood fastenings shall conform to the latest edition of the National Design Specification for Wood Construction by the National Forest Products Association.

Bolts and lag screws shall conform to ASTM A307. Standard washers shall be used at bolt head and nut ends.

Plywood panels shall be identified with the appropriate trademark of the APA and shall meet the requirements of the edition of the U.S. Product Standard PS 1 for Construction and Industrial Plywood. Panel span rating shall meet or exposit spacing shown on plan. Plywood panels shall be detailed, fabricated and installed in con Specifications by the American Plywood Association (APA). latest ceed truss or

Roof panels shall be APA Structural I Rated Sheathing installed with the long dimension (face grain) across the supports with the panels continuous over 2 or more spans. Stagger panel end joints. End joints shall only occur over a support. Unless recommended otherwise by the panel manufacturer, provide a 1/8" gap between panel ends and edges.

Roof panel edges shall be tongue and groove or supported on 2" nominal lumber blocking installed between joists and fastened according to attachment detail on plan. are to be

ROOF DEAD LOAD ROOF LIVE LOAD

ALLOWABLE SOIL BEARING PRESSURE

18.5 PSF
20 PSF (FLAT ROOF)
20 PSF (SLOPED ROOF)
1,500 PSF ASSUMED

OSB SHEARWALL FRAMING

DESIGN LOADS:

to <u>Simpson Strong-Tie Earthquake Resistant Construction connectors</u> as manufactured by the Simpson Strong-Tie Company, Inc.

Special anchors bolts, straps and hold-down connectors indicated in section refer

8d (.131") x 2 1/2" NAILS @ 12" O.C. AT PANEL INTERIOR

PREFABRICATED WOOD TRUSSES

emporary and permanent bracing of wood trusses shall be in accordance with requirements of the latest addition of racing Wood Trusses: Commentary and Recommendations for Bracing Wood Trusses by the Truss Plate Institute. he Contractor shall install all permanent truss bracing as shown on the Truss Manufacturer's shop drawings. od trusses shall be desi ned for the following loads in addition to the weight of the trusses:

WIND DESIGN LOADS:
WIND SPEED
IMPORTANCE FACTOR
WIND EXPOSURE
INTERNAL PRESSURE COEFFICIENT
COMPONENT AND CLADDING PRESSURE (WALLS)
TRIBUTARY AREAS:

90 MPH (3 SECOND GUST) 1.0 C +/- 0.18

20.4 PSF19.5 PSF18.5 PSF17.5 PSF

Detailing, fabricating and erection of prefabricated wood trusses shall be in accordance with the requirements of the latest editions of the Timber Construction Manual by the American Institute of Timber Construction, the National Design Specification for Wood Construction by the National Forest Products Association, and the Truss Plate Institute.

Top Chord Dead Load:
Top Chord Live Load:
Bottom Chord Dead Load:
Wind (or Seismic) Load (horizontal):
Wind (or Seismic) Load (vertical):

Sd1=
SITE CLASS
SEISMIC DESIGN CATEGORY
BASIC SEISMIC FORCE RESISTING SYSTEM:
LIGHT FRAMED WALLS WITH SHEAR PANELS (WOOD)
R = 6 1/2
Cd = 4
CT AD SNOW LOADS:
GROUND SNOW LOAD, Pg
FLAT ROOF SNOW LOAD, Pf
SNOW EXPOSURE FACTOR, Ce
IMPORTANCE FACTOR
THERMAL FACTOR, Ct 20 PSF 14 PSF 1.0 1.0 1.0

The Truss Manufacturer shall prepare detailed shop drawings outlining fabrication, erection and construction procedures for submission to the Structural Engineer for review prior to fabrication. These shop drawings shall indicate design forces, sizes of truss plates; lumber species, lumber grade, design values; and bracing details.

usses shall conform to the geometry indicated on the Architectural and Structural mber configuration shall be the option of the fabricator).

Drawings (Web

Live Load deflection shall be limited to 1/360 of the truss span.

ection plates shall be galvaı

nized steel plates applied to both faces of the

Prefabricated wood trusses shall be design

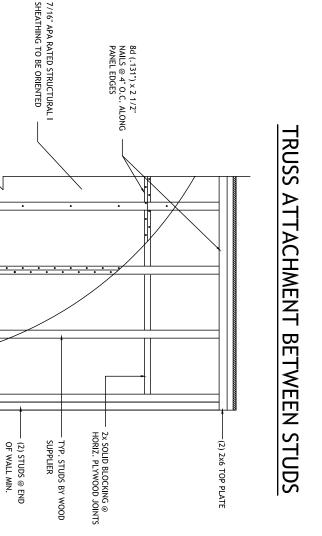
Dead Load + Live Load:
Dead Load + Wind (Seismic) Load:
Dead Load + Live Load + Wind (Seismic) Load:

Structural Lumber shall meet the following minimum requirments: Structural lumber shall be detailed, fabricated and erected in accordance with the requirements of the latest editions of the Timber Construction Manual by the American Institute of Timber Construction and the National Design Specification. Grade: Visually graded No. 2 Spruce Pine Fir (or approved equal), kiln dried, moisture content of 15%

ign values shall meet the following minir Fb (psi) (Parallel to Grain) (Parallel to Grain) (Mod of Elasticity) E (psi)

1,400,000 1,400,000 1,400,000

H2.5T W/ (5) 8d (.131°) × 2 1/2" NAILS TO EAT TRUSS & TOP PLATE



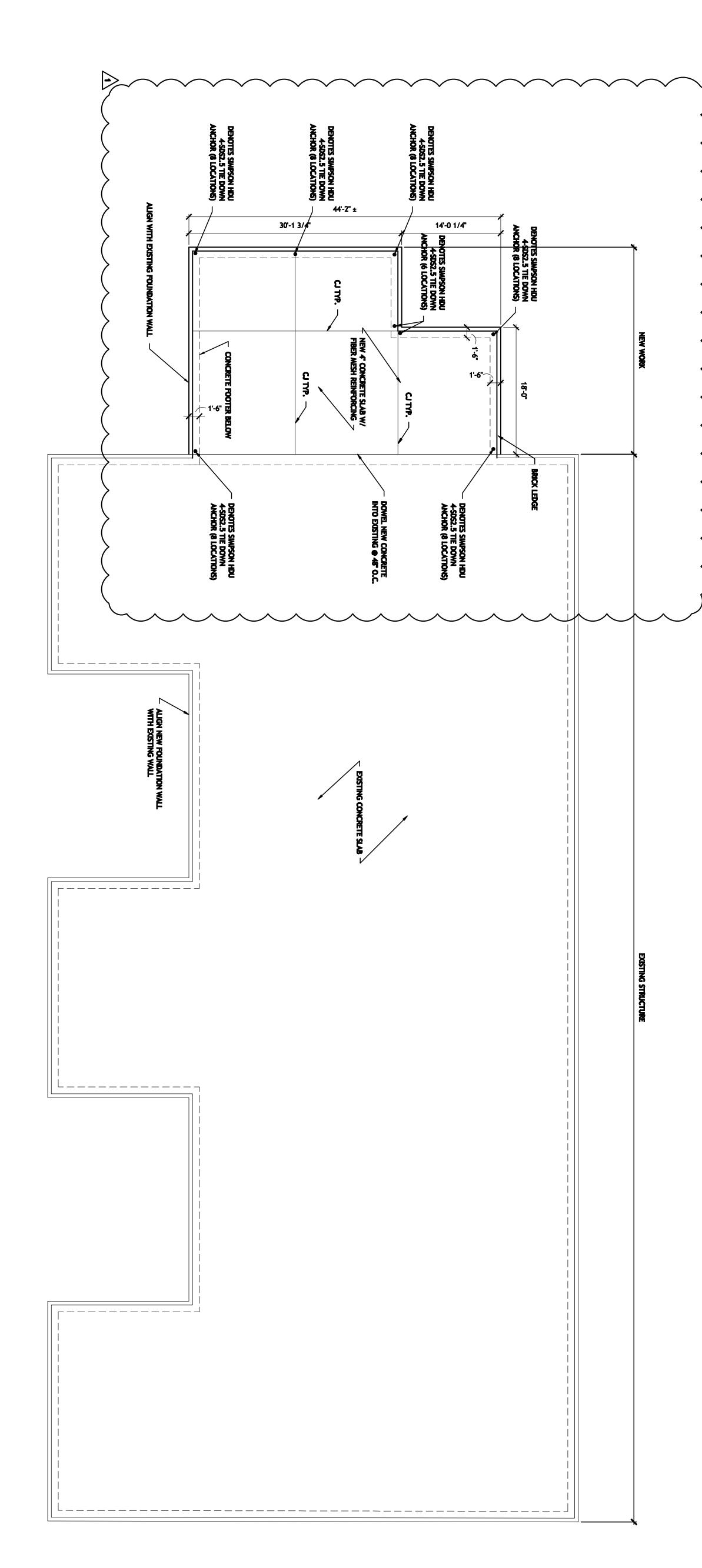
SIMPSON HOLDOWN HDU4-SD2.5 W/ 10-SDS 1/4' SCREWS  2x6 BOT. PLATE  5/8" Ø ANCHOR BOLT DRILL & FROXY W/HLITI HTT HYDO ADHESIVE (18" MIN. CONC. EMBED.)	
--	--

JOB NO.			MAS	SPECIFICATION	DRAWN BY:	THE PARE DISCLAIM. OTHER ESTIMA DOCUMENTE FOR AN COPYRIGH
A11-016	). 11-01		REVISIONS	JOHNSON COUNTY DCS FRANKLIN, INDIANA	CHECKED BY: MLH  PLOT SCALE: AS NOTED  DATE: 11.4.11	STATE OF  STATE  STATE OF  STATE OF

STATE OF STA	THE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS AND THE TYPE OF STRUCTURAL, MECHANICAL AND ELECTRICAL SYSTEMS. AS SCOPE DOCUMENTS, THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK THAT IS REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE TRADE CONTRACTOCUMENTS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE TRADE CONTRACTORS SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.	HOLDER DESIGN , INC.  Sycamore Building 19 South 6th Street, Suite 505 Terre Haute, Indiana 47807 ph. 812.235.1300 www.holderdesign.net

(3) 10d (.148") × 3" NAILS TO TOP PLATE

(4) 10d (148°) × 3° NAILS PER STUD



Ininforced concrete has been designed in conformance with the Building Code Requirements or Structural Concrete (ACI 318) and Commentary ACI 318R). oncrete mixing, transporting, and placing shall be accordance with the latest edition of the pecifications for Structural Concrete for Buildings (CI 301). Slab on grade construction shall be in conformance with the latest edition of the Guide for Concrete Floor and Slab Construction (ACI 302.1R) and the following minimum requirements: t finish surface until concrete has lost surface sheen or all free water. Do not sprinide at on the slab surface. REINFORCING STEEL

Reinforcing steel shall be deformed bars of new billet steel with a minimum yield strength of 60,000 pci conforming to ASTM A615.

Detailing, fabricating, and placing of reinforcement shall be in accordance with the latest edition of the following standards: Specifications for Structural Concrete for Buildings (ACI 301), ACI Detailing Manual(SP66).

Reinforcing bars shall not be weided, heated or cut unless shown on the contract documents.

Welded wire fabric shall be smooth wire fabric (ASTM A185), suppited in flat sheets.

Welded wire fabric shall be placed 2" down from the top of the slab for slabs on grade and lapped a minimum of 14 inches on all sides.

Concrete cover shall be as specified in the latest edition of ACI 318, unless notes otherwise on plan. Use standard ber chairs and spacers to maintain concrete protection specified.

Splicing of reinforcing bars shall conform to latest edition of ACI 318. Use a Class "B" lap at splices unless indicated elsewhere. Construction joints between pours shall be prepared by roughening the contact surface to an amplitude of approximately 1/4 inch, removing all surface lattance.

The contractor shall submit mix designs for each sided wire fabric shall be placed 2" down from top of the siab for slabs on grade and lapped a nimum of 14 inches on all sides. contractor shall submit mix designs for each posed class of concrete for the Structural inser to review. Concrete masonry construction shall be in accordance with the latest edition of the Specification for Concrete Masonry Constru (ACI 530.1). Concrete mesonry design conforms to the latest edition of the Building Code Requirements for Concrete Masonry Structures (ACI 530). um compressive strength (fim) for concrete ry units shall be 1,500 pd at 26 days. mbas (type M below grade, type M or S grade) shall be proportioned to meet the meets of ASTM CZ70 or C476. CAT ANCHOR

A11-016	A2.0	
<b>916</b>	8	
PFR	MIT SET	

A2.00

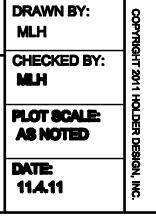
FOUNDATION PLAN

MXS

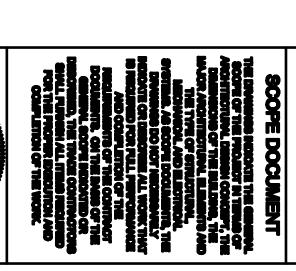
REVISIONS **12.30.11** 

JOHNSON COUNTY DCS	S
FRANKLIN, INDIANA	

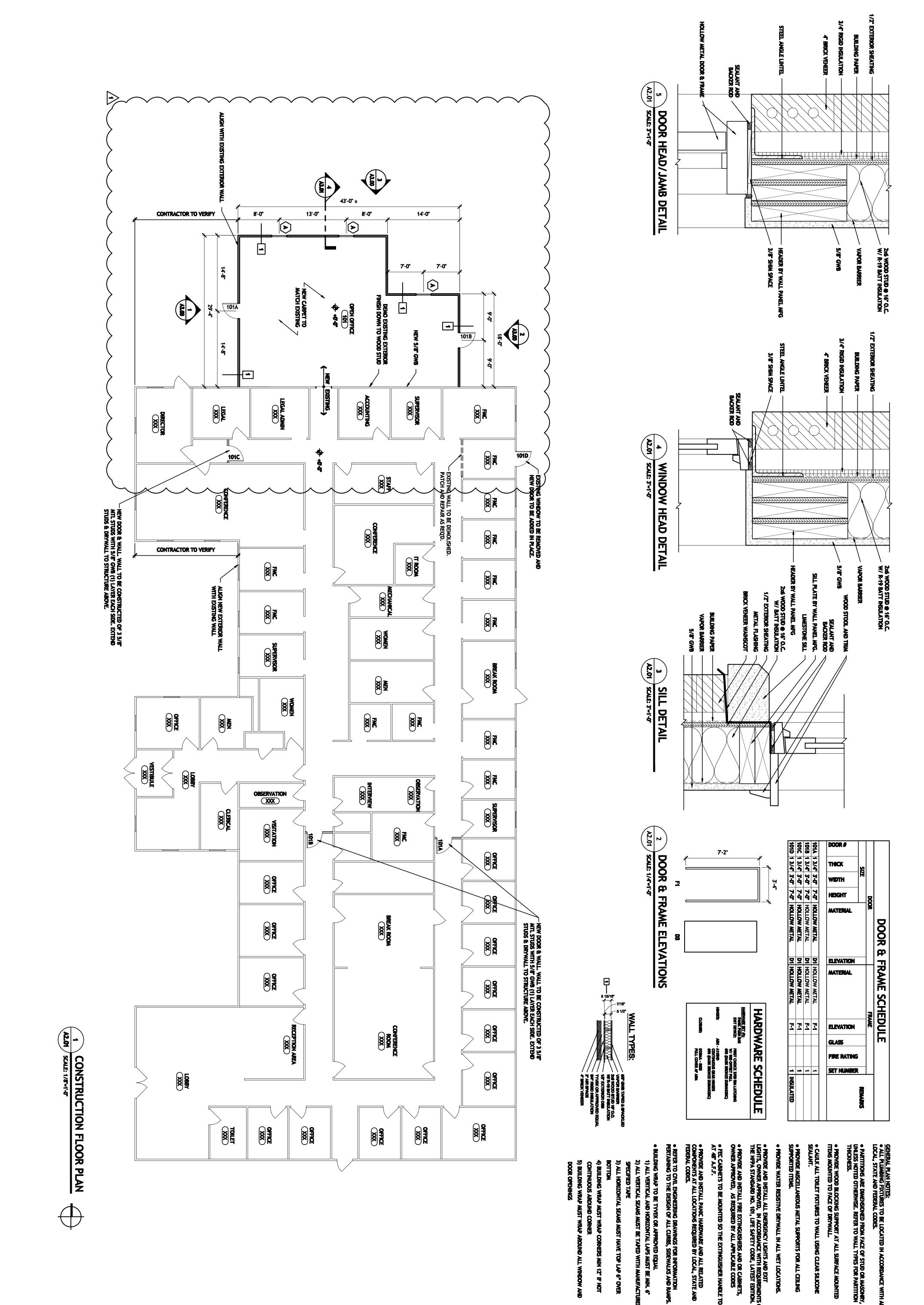
**FOUNDATION PLAN** 





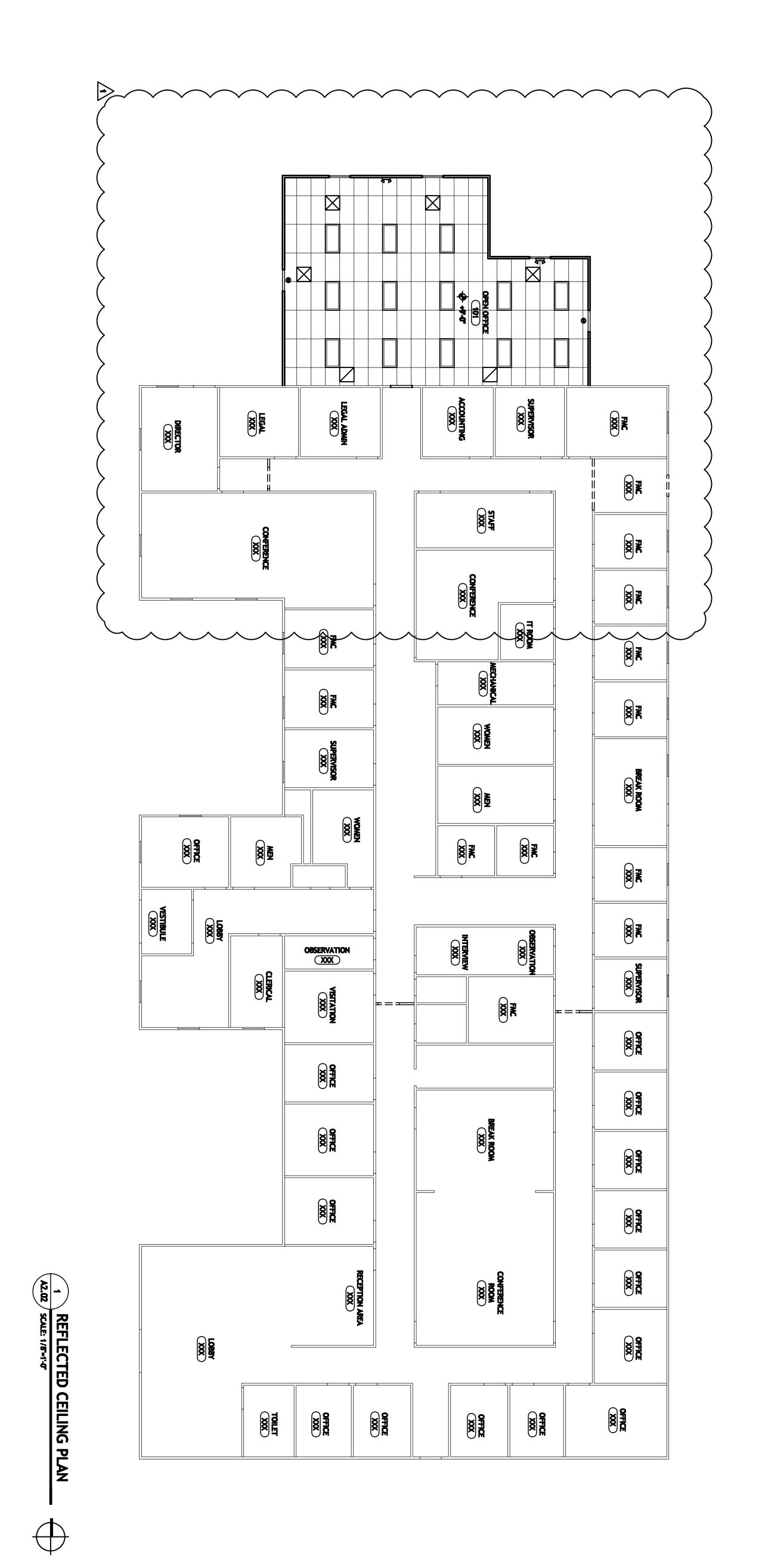






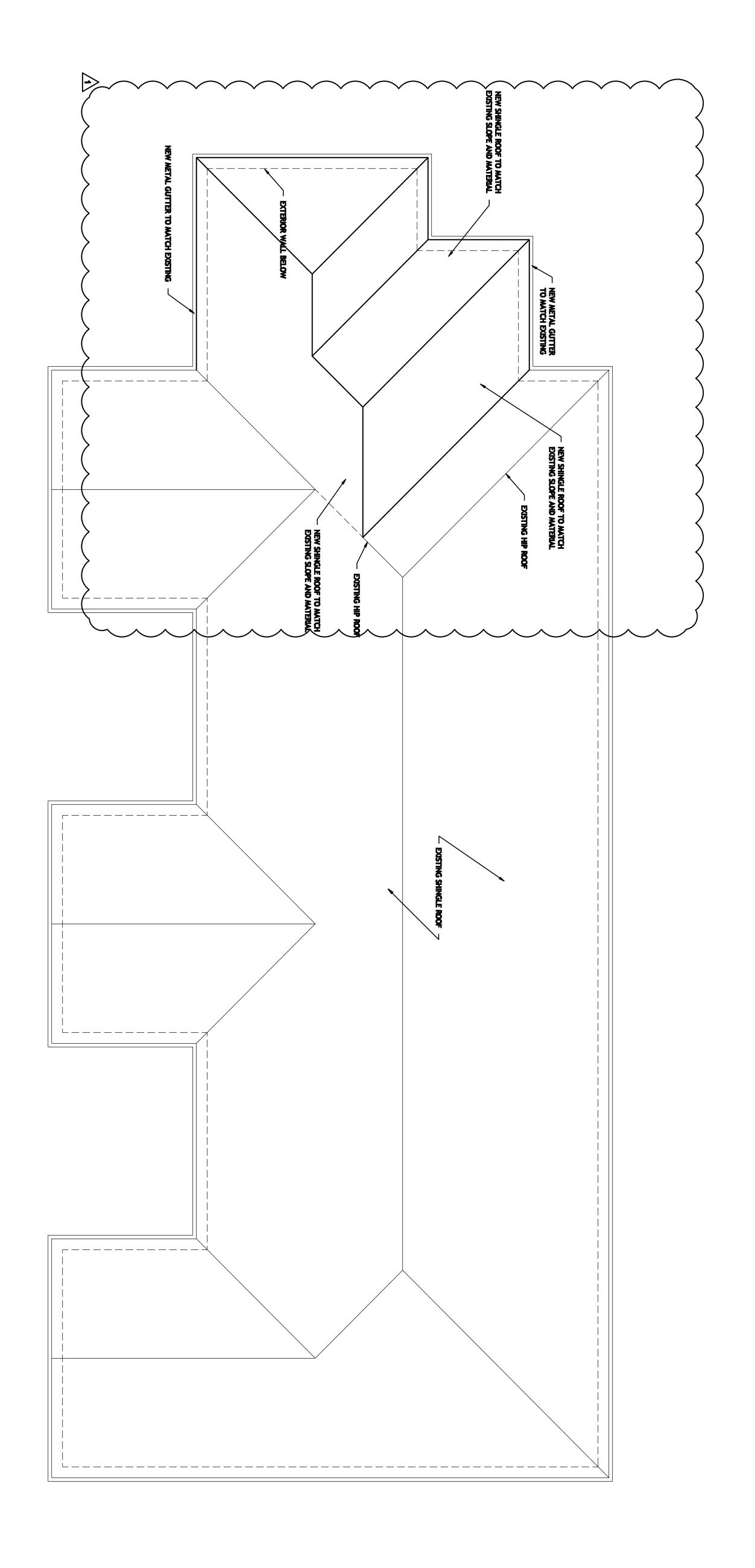
HOLDER DESIGN , INC.

Symme Beding 19 Series Beding 19 Se

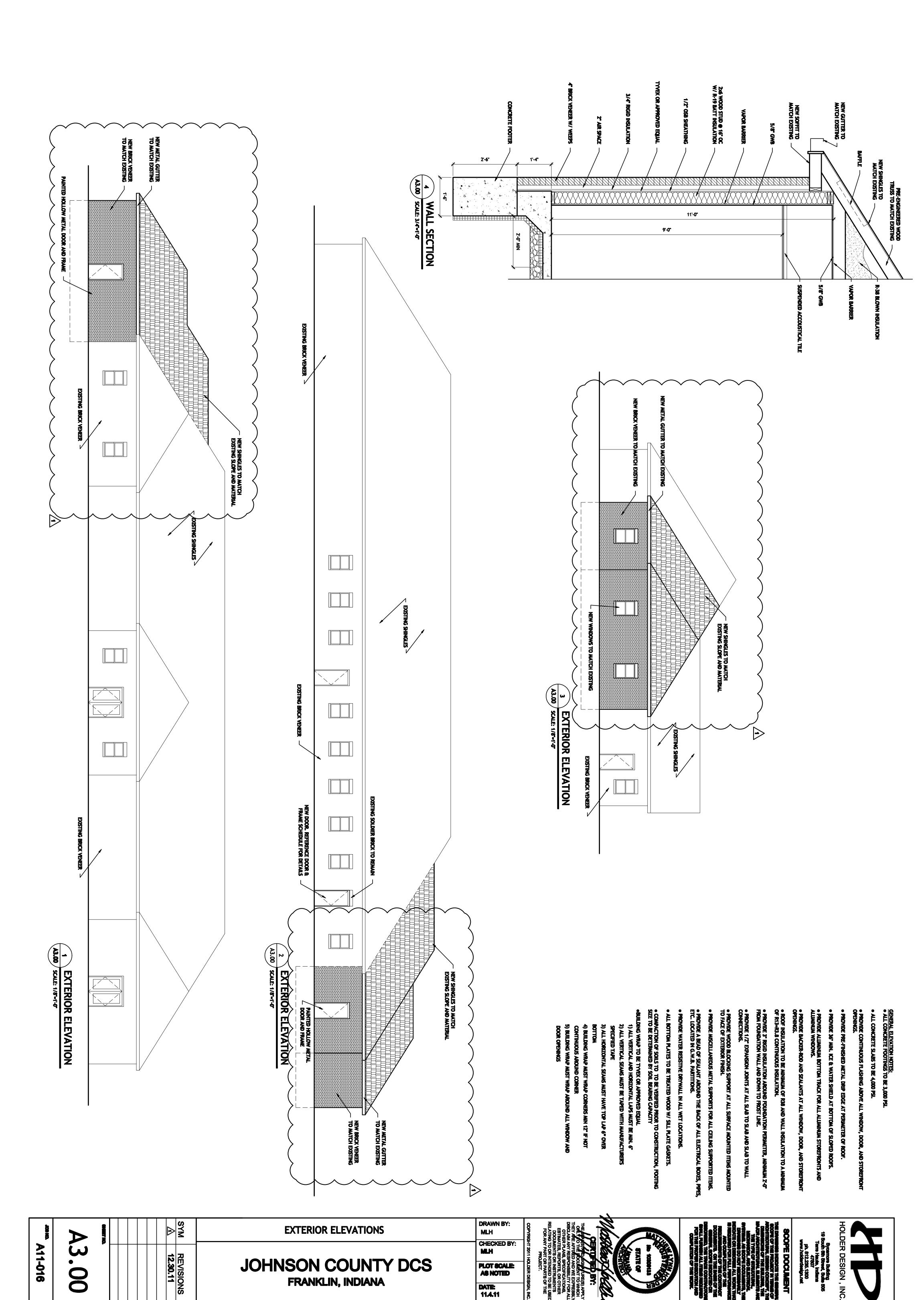


NOTE:  • ELECTRICAL CON WIRING, LIGHT FIX ACCORDING TO ALL	1	€		FIXT
NOTE:  • ELECTRICAL CONTRACTOR TO INSTALL ALL  WIRING, LIGHT FIXTURES, PANELS, ECT.  ACCORDING TO ALL GOVERNING CODES.  • ALL SMOKE DETECTORS TO BE HARDWIRED W/	EMERGENCY LIGHT	EXIT LIGHT	24" X45" LAY IN LIGHT	FIXTURE SCHEDULE

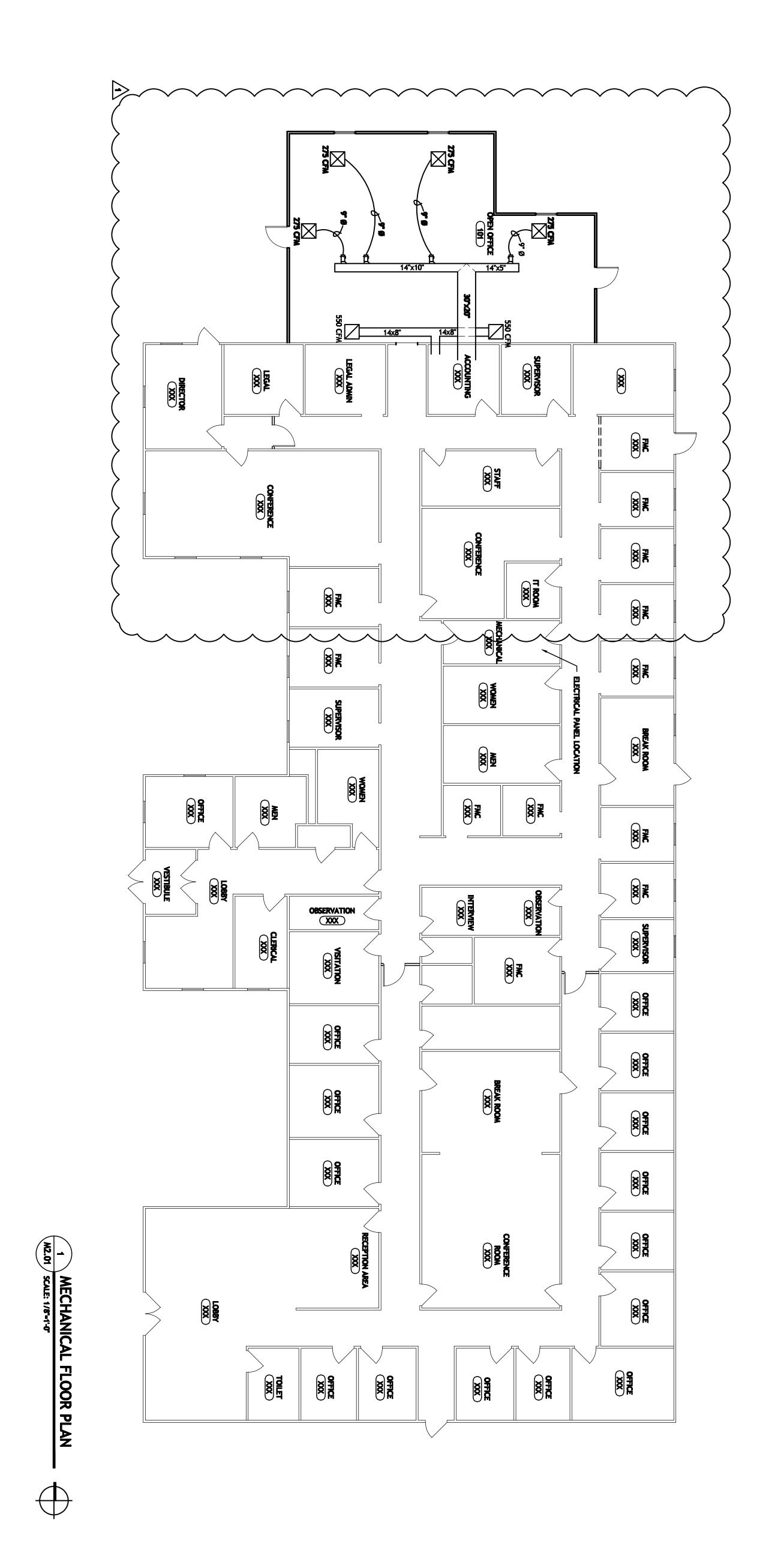
25		<b>MYS</b>	REFLECTED CEILING PLAN	DRAWN BY:	THE ARE DISCLAIM, OTHER ESTIMA DOCU RELATING FOR AN		MATERIA DE LA COMPANSION DE LA COMPANSIO	HOLD HOLD
A11-016	2.0	REVISION 12.30.11	JOHNSON COUNTY DCS	CHECKED BY: MLH  PLOT SCALE: AS NOTED	(S) TID SIGNATURE (S) TID SIGN	SO BIVES OF STATES	256226542695255695	Sycamore Building uth 6th Street, Suite fam. 17807 ph. 812-235.1300
<b>°</b>   7		FRANKLIN, INDIANA	DATE: 11.4.11	(S) APPLY ) WHICH (PRESSLY Y FOR ALL TIONS, OTHER ENTS ) BE USED )F THE SIGN, INC.	REGIS	ENT  SENT  S	J INC.	



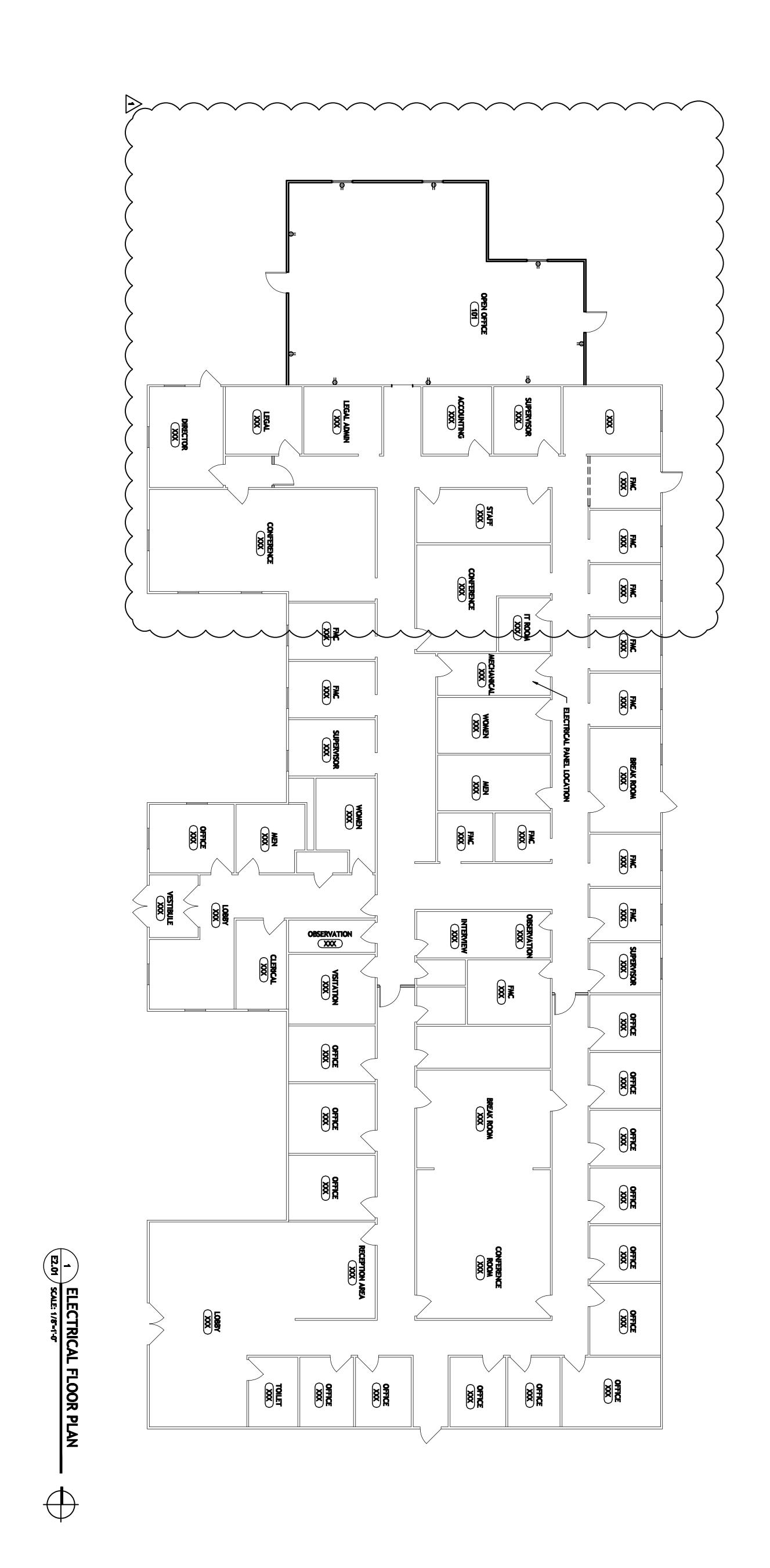
		MAS WAS	ROOF PLAN	DRAWN BY: MLH	THE SAN ONLY ARE DISCLAIM DOCU RELATING FOR A	ALL NOW HE WAS A WINCOLD WING THE WING THE WINCOLD WING THE WING THE WINCOLD WING THE WING THE WINCOLD WINCOLD WING THE WINCOLD W	TOTOH TOTOH
A11-010	2.0	REVISION 12.30.1	JOHNSON COUNTY DCS	PLOT SCALE: AS NOTED	STATE OF THE BY THE PART OR INTENDED TO PROJECT.  HT 2011 HOLDER DER		Sycamore Building such 6th Street, Suth Terre Haufe, Indiana 47807 ph. 812-235, 1300 www.holderdeeign.ne
	ONS ONS	FRANKLIN, INDIANA	DATE: 11.4.11	ESIGN, INC.	THE STATE OF THE S		



PERMIT SET

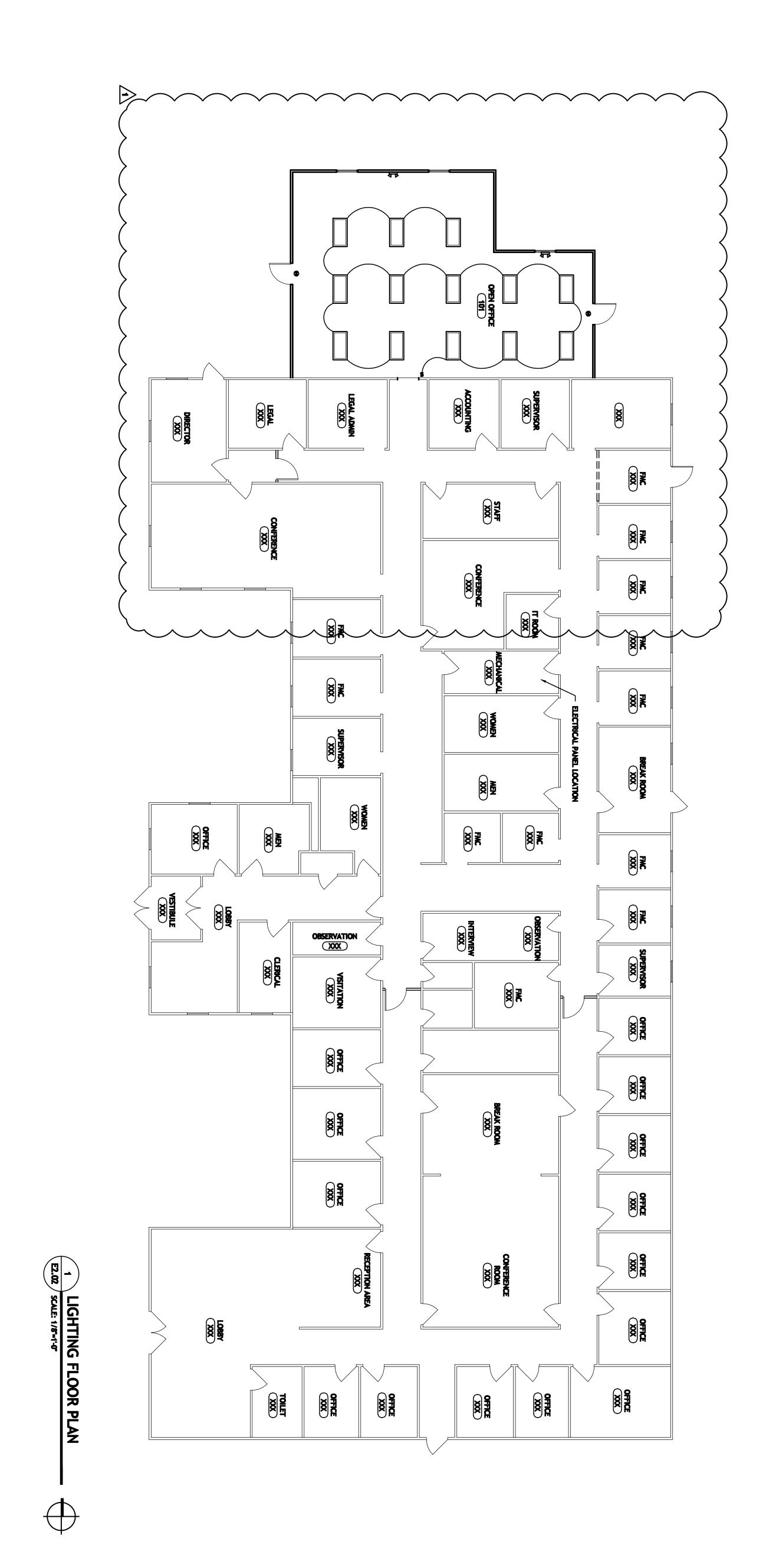


	MXS MXS	MECHANICAL FLOOR PLAN	DRAWN BY: MLH	HOLDE HOLDE OF THE PARTY AND THE PORT AND TH
<b>A11-016</b>	REVISIONS 12.30.11	JOHNSON COUNTY DCS FRANKLIN, INDIANA	CHECKED BY: MLH  PLOT SCALE: AS NOTED  DATE: 11.A.11	TO PRODUCTION OF THE PRODUCTIO



DUPLEX OUTLET  QUADRAPLEX OUTLET  QUADRAPLEX OUTLET  QUADRAPLEX OUTLET  CABLE OUTLET  CAL CONTRACTOR TO O HANICAL AND PLUMBIN TORS ON ELECTRICAL R AND PLUMBING COMP  CAL CONTRACTOR TO O IGHT FOCTURES, PANEL  G TO ALL GOVERNING	NOTE:  • ELECTRY WITH MEC CONTRACT FOR HVAC  • ELECTRY WIRING, L ACCORDIN		Δ	#	φ	FIXT
ET COORDINATE IS NETS NETS NETS NETS CODES.	NOTE:  • ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTORS ON ELECTRICAL REQUIREMENTS FOR HVAC AND PLUMBING COMPONETS  • ELECTRICAL CONTRACTOR TO INSTALL ALL WIRING, LIGHT FIXTURES, PANELS, ECT. ACCORDING TO ALL GOVERNING CODES.	CABLE OUTLET	TELEPHONE JACK	QUADRAPLEX OUTLET	DUPLEX OUTLET	FIXTURE SCHEDULE

	ELECTRICAL FLOOR PLAN	Mr.   5 × 3 0 5 1 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		MACHINO MACAMINA MACA	HOLDI HOLDI
REVISIONS 12.30.11  2.01  A11-016	JOHNSON COUNTY DCS FRANKLIN, INDIANA	CHRITTED BY:  ASTROBAGINATURE(S) APPLY TO THE DOCUMENT TO WHICH RE AFFIRED AND WE EXPRESSLY MANY RESPONSIBILITY FOR ALL ER PLANS, SPECIFICATIONS, WATES, REPORTS, OR OTHER SUMENTS OR INSTRUMENTS IG TO OR INSTRUMENTS IN THE PROJECT.  CHECKED  PATE: AS NOTED  DATE: 11.4.11	STATE OF THE PARTY	COPE DOCUMENT  NUMBER RECORD THE GENERAL PH OF THE PROJECT IN THEME OF ITEMPORAL DESIGN CONCEPT, THE RECORDS OF THE SELECTION, THE TYPE OF STRUCKLESHING AND THE TYPE OF STRUCKLESHING, THE NUMBER DO NOT MEDISONELY AND COMPLETION OF THE GLIEBBERTS OF THE CONTINUES AND COMPLETION OF THE GLIEBBERTS, ON THE BASES OF THE SHEET, SOUTH MEDISONED RESERVE SOOTH MEDISONED RESERVE SOOTH MEDISONAND RESERVE	Sycamore Building buth 6th Street, Suite 505 Terre Haute, Indiana 47807 Ph. 812.235.1300



NOTE:  • ELECTRICAL CONTRACTOR TO INSTALL ALL WIRING, LIGHT FIXTURES, PANELS, ECT. ACCORDING TO ALL GOVERNING CODES.	EMERC EMERC	<b>⊗</b> EXIT LIGHT	<b>1 1 1 1 1 1 1 1 1 1</b>	FIXTURE	
NOTE:  • ELECTRICAL CONTRACTOR TO INSTALL ALL  WIRING, LIGHT FIXTURES, PANELS, ECT.  ACCORDING TO ALL GOVERNING CODES.	EMERGENCY LIGHT	JGHT	247x45" LAY IN LIGHT	FIXTURE SCHEDULE	

8	SYM REVISION 12.30.11	LIGHTING FLOOR PLAN	DRAWN BY:	STATION OF THE PORT OF THE POR	HOLDER DESIGN,  Sycamore Building  19 South 6th Street, Suite in Street, Suite in Street, Suite in Terre Haute, Indiana 47807  ph. 612.235,1300  www.holderdeeign.nst.  GCOPE DOCUME  THE DAVASCE SCORE DOCUME  THE TAPE OF THE SUILLIANS  THE TAPE OF THE SUILLIANS  THE TAPE OF THE SUILLIANS  THE TAPE OF THE SUITE  ADDICALE THE CONTRIBUTION OF THE CONTRIBUTION OF THE SUITE  THE SUITE OF THE SUITE
A11-016		JOHNSON COUNTY DCS FRANKLIN, INDIANA	CHECKED BY: MLH  PLOT SCALE: AS NOTED		
			DATE: 11.4.11	APPLY PRESSLY FOR ALL. ONS. THER SILVED NIS. ON, INC.	