

NOTICE TO BIDDERS

NEW BUILDING FOR ELLETTSVILLE HERITAGE CENTER

Notice is hereby given that sealed bids will be received by the Town of Ellettsville for construction of the Ellettsville Heritage Center at the office of the Clerk-Treasurer, 1150 W. Guy McCown Drive, Ellettsville, Indiana 47429 until 4:00 p.m., (local time) on Monday the 22nd day of July, 2024. Bids received after that time will not be accepted. Bids delivered in person may be delivered to the Clerk-Treasurer's office between the hours of 7:30 a.m. and 4:00 p.m.

All bids received will be publicly opened and read aloud by the Town Council at its regular meeting on Monday, the 22nd day of July, 2024, at 6:30 p.m., 1150 W. Guy McCown Drive, Ellettsville, Indiana 47429. The bids will be taken under advisement and the winning bid will be announced at the Monday, August 12th, 2024, Town Council meeting at 6:30 p.m.

The proposed work includes the following:

The Town of Ellettsville – Construction of a Post Frame Building for the Ellettsville Heritage Center Located at 4616 North Campbell Park Road Ellettsville, Indiana.

The project shall consist of construction of a 54' x 36' x10' post frame building with concrete floor, electrical system, HVAC, plumbing, and interior buildout.

All bids shall be submitted on Contractors Bid for Public Works – Form 96 as prescribed by the Indiana State Board of Accounts.

Plans and specifications may be examined by prospective bidders at the office of Ellettsville Clerk-Treasurer located at 1150 W. Guy McCown Drive Ellettsville, Indiana. Prospective bidders may also contact Mike Burns in the Ellettsville Planning Department at mburns@ellettsville.in.us for an electronic copy of plans and specifications. A certified or cashiers check drawn on a solvent bank or bid bond payable without condition to the Town of Ellettsville, in an amount not less than five percent (5%) of the bid total shall be submitted with each proposal. After the Town has made an award, the bid securities will be returned within thirty (30) days.

The Town of Ellettsville reserves the right to reject any or all bids, to waive any informalities or irregularities in the bids received or to accept any proposal which is deemed most favorable to the Town of Ellettsville.

For questions, please contact Mike Burns, Ellettsville Planning Department at mburns@ellettsville.in.us or 812-876-8008

The Town of Ellettsville
By: Scott Oldham, President
Ellettsville Town Council

TOWN OF ELLETTSVILLE

**NEW BUILDING
FOR ELLETTSVILLE
HERITAGE CENTER**

4616 N. CAMPBELL PARK ROAD ELLETTSVILLE, INDIANA

PROJECT MANUAL
BIDDING REQUIREMENTS, ARCHITECTURAL AND CIVIL SPECIFICATIONS

June 21, 2024

DESIGN ENGINEER
DONALD HUMPHREY P.E.
TOTAL ENGINEERING SOLUTIONS CO., LLC
9955 Crosspoint Blvd., Suite 100
Indianapolis, IN 46256
Phone (317) 537-2410
Email: dhumphrey@tesco-solutions.com

Town of Ellettsville
Heritage Center

DATE: June 21, 2024

PROJECT: Town of Ellettsville
New Building for Ellettsville Heritage Center
901 N. Guy McCown Drive
Ellettsville, Indiana 47429

OWNER: Town of Ellettsville
1150 W. Guy McCown Drive
Ellettsville, Indiana 47429
(812) 876-8008

ENGINEER: Donald R Humphrey P.E.
Total Engineering Solutions Co., LLC
9955 Crosspoint Blvd., Suite 100
Indianapolis, Indiana 46256
(317) 537-2410

INVITATION: You are invited to submit a sealed bid for the complete construction of the above project.

DESCRIPTION: Project includes all equipment, labor and materials to complete a new Heritage Center. Work includes Structural, mechanical, plumbing, electrical and related work as shown on the Contract Documents prepared by the Town of Ellettsville and Total Engineering Solutions, PC dated June 21, 2024.

TIME AND PLACE TO RECEIVE BIDS:

TIME: Bids will be received until Monday, July 22, 2024, at 4:00 P.M., local time. Bids shall be noted for date and time upon receipt. Bids will be opened publicly at the Town Council meeting at 6:30 P.M, July 22, 2024. Bids received after the deadline will be returned unopened. Bids received by facsimile or electronic mail will not be accepted.

PLACE: Office of the Clerk Treasurer, Ellettsville Town Hall, 1150 W. Guy McCown Drive, Ellettsville, IN 47429

TYPE OF BID: Stipulated Sum Bids will be received for the work, which includes the construction of a new building and all related and miscellaneous work, which will be awarded under a single prime contract.

TIME OF COMPLETION: Anticipated start-up for construction is September 1, 2024. The project is to be substantially complete within ninety (90) days of contract award.

PROCUREMENT OF DOCUMENTS: Contract Documents shall be on file and may be examined at the Ellettsville Town Hall Building. Project Documents will be available electronically to General Contractors by contacting Town of Ellettsville Planning at 812-876-8008. Subcontractors and suppliers will need to obtain documents from a General Contractor or on the Towns website at www.ellettsville.in.us

BID SECURITY: Bid security in the amount of five percent (5%) of the Bid shall accompany each bid. Bid security may be in the form of a bid bond, certified check or cashier's check payable to the Town of Ellettsville. Other bidding requirements will be listed in the Project Specifications.

Town of Ellettsville
Heritage Center

BONDS: A contract will be awarded to the lowest responsive and responsible bidder. The successful bidder is required to furnish an Assurance of Completion equal to 100% of the Contract Sum as stated in the Project Documents.

RIGHT TO REJECT BID PROPOSALS: The Owner reserves the right to accept or reject any and all bids and to waive any irregularities in bidding. All bids may be held for a period not to exceed sixty (60) days before awarding Contracts.

Contractor will be required to comply with all federal, state and local regulations, codes and requirements.

GENERAL

1. BID OPENING TIME & LOCATION

- A. Sealed bid proposals for the Town of Ellettsville New Building for a Heritage Center shall be received as described in Advertisement for Bids.
- B. Bids shall be delivered in a sealed envelope indicating "Sealed Bid Enclosed", the bidder's name and address, and "Town of Ellettsville New Building for a Heritage Center". Bids shall be submitted on the Bid Form provided in the specifications, or a facsimile thereof, and the Contractors Bid For Public Work Form 96 along with the contractors financial statement.
- C. Local contractors are encouraged to bid this project as a Prime Contractor or as a Sub-contractor to a prime bidding Contractor.

2. LOCATION AND EXAMINATION OF SITE

- A. The work is located at:
4616 N. Campbell Park
Road Ellettsville, IN
47429
- B. Bidders are required to familiarize themselves of the conditions under which the work is to be performed, the site of the project, the obstacles that may be encountered and all other relevant matter concerning the work to be performed. No subsequent extras shall be allowed due to a claim of lack of knowledge of conditions at site or any matter or thing concerning which the bidder could have informed itself prior to the bidding.

3. METHOD OF BIDDING

- A. The work shall be awarded as a single prime contract.
- B. All forms submitted shall be filled in completely. Amounts shall be written in ink or typewritten in words and figures. Discrepancies between the words and figures indicating any amount in the proposal, the amount written in words shall be taken as the correct amount.
- C. Any bid not signed by the individual making same shall have attached to it a power of attorney evidencing authority to sign the bid in the name of the person for whom it is signed.
- D. A bid signed for a partnership shall be signed by all of the partners, or by an attorney-in-fact. If signed by an attorney-in-fact, there shall be attached to the bid a power of attorney, evidencing authority to sign the bid, executed by the partners.
- E. Bids submitted by a corporations shall have the correct name thereof and the signatures of the president (or other authorized officer of the corporation) and secretary, printed below the corporate name, following the word "By ____", and shall have affixed the corporate seal.
- F. Any bidder may withdraw their bid at any time prior to the scheduled time for receipt of bids.

- G. No bids may be withdrawn after the opening of bids without the consent of the Owner.

4. DRAWINGS AND SPECIFICATIONS

- A. Bona fide general contractor bidders may obtain electronic files of drawings and specifications from the Town of Ellettsville Planning Department. Subcontractors and material suppliers need to obtain bid documents from the general contractor.

5. TIME OF COMPLETION

- A. Contractors shall commence preparations for the work upon notification, and shall begin work on site no later than September 1, 2024. Work will be staffed as required to have the building completed, and ready for occupancy by December 1, 2024.
- B. Delays in construction caused by conditions clearly beyond the control of the contractor shall be the sole reason for the extension of the completion date. The contractor shall consider normal seasonal weather conditions in its proposed construction schedule.

6. SUPPLEMENTS TO THE BID

- A. Within 24 hours following the opening of the bids each bidder shall deliver to the Ellettsville Planning Department the Subcontractor and Material List indicating those which it proposes to use if awarded the bid. Changes in the Subcontractors and Material List may be made only by agreement between Bidder and Owner prior to the execution of a contract. The Subcontractor and Material List, with any such modifications, shall become a part of the contract and shall be binding upon the contractors as to the subcontractors, materials and equipment used in connection with the work.

7. ADDENDA TO THE CONTRACT DOCUMENTS

- A. Any person contemplating submitting a bid for the proposed work, and who is in doubt as to the true meaning of any part of the drawings, specifications, or other contract documents, may submit to the Town of Ellettsville Planning Department a written request for interpretation thereof. The person submitting the request shall be responsible for its timely delivery such that the response may be included in an addendum. Any explanation or interpretation of the contract documents will be made by addendum duly issued. A copy of such addendum shall be delivered to each bidder receiving a set of such contract documents, and to such other prospective bidders as shall have requested in writing that they be furnished with a copy of such addendum. Any explanation or interpretation shall not be considered binding unless published in a duly issued addendum.
- B. The Owner shall not be responsible for any other explanation or interpretation of the contract documents. Any explanation or interpretation shall not be considered binding unless published in a duly issued addendum.
- C. Any addendum issued by the Owner, the Owner's attorney or the Town of Ellettsville Planning Department during the time of bidding shall be covered in the proposal and, in closing the contract, shall become a part thereof.

8. PERFORMANCE AND PAYMENT BONDS

- A. The successful bidder shall furnish a "Performance Bond" and a "Labor and Material Payment Bond" for 110% of the total contract amount. The performance and payment bonds must specify that (1) a modification, omission or addition to the terms and conditions of the contract, drawings, specifications, or profile; (2) a defect in the contract; or (3) a defect in the proceedings preliminary to the letting and awarding of the contract; does not discharge the surety. The surety of the performance and payment bond shall not be released until one (1) year after final settlement with the contractor. The payment bond shall be binding on the Contractor, the subcontractor, and their successors and assigns for the payment of all indebtedness to a person for labor and services rendered. The payment bond must state that it is for the benefit of the subcontractors, laborers, material suppliers and those performing services. Bonds shall be made with only approved surety companies and said bonds shall remain in force and effect for a period of twelve (12) months from the date of substantial completion and acceptance of the longest guarantee provided under the Contractor's contract.

9. REJECTION OF BIDS, INFORMALITIES

- A. The Owner reserves the right to reject any and/or all bids and to waive any informality in bidding.

10. BIDDER CERTIFICATIONS

- A. Required MBE/WBE Assurance: The bidder assures that good faith was made to solicit and include MBE/WBE sub-bidders and sub-contractors in preparing their bid for the Town of Ellettsville New Building for a Heritage Center project. The bidder further states that all proposals received from MBE/WBE, whether solicited or unsolicited, were fully considered for participation in the work, and where viable have been included in its bid proposal.
- B. Contractor Certification: The bidder, in executing the Bid Proposal, certifies they, their subcontractors and suppliers are in compliance with House Bill No. 1019.
- C. Employee Screening: The bidder, in executing the Bid Proposal, certifies employee screening will be performed.
- D. Unauthorized Aliens: The bidder, in executing the Bid Proposal, agrees to provide an affidavit swearing and affirming that it does not knowingly employ unauthorized aliens.
- E. Iran Investment Activities: The bidder, in executing the Bid Proposal, agrees to provide an affidavit swearing and affirming that it is not engaged in investment activities in Iran.

CONTRACTOR'S BID ON: **TOWN OF ELLETTSVILLE NEW BUILDING HERITAGE CENTER**
4616 N Campbell Park
Road Ellettsville, IN

DATE: _____, 2024

TO: TOWN OF ELLETTSVILLE TOWN HALL
1150 W. Guy McCown Drive
Ellettsville, IN 47429

SUBMITTED BY:

Bidder

Address:

City/State/Zip:

Telephone No.: _____

Contact:

Title: _____

Pursuant to notices given, the undersigned proposes to furnish all material and labor, and perform all work necessary to complete **Town of Ellettsville New Building for Heritage Center, Ellettsville, Indiana**, in accordance with Contract Documents dated June 21, 2024, prepared by Total Engineering Solutions Co. and the Town of Ellettsville Planning Department, and all Addenda acknowledged herein:

1. BIDDER'S CERTIFICATION

- a. The undersigned bidder certifies that they have examined and fully understands the bidding requirements, the Conditions of the Contract, and the requirements and intent of the Bidding Documents.
- b. The undersigned bidder certifies that they have visited the site(s) and examined all conditions affecting the work.
- c. The undersigned bidder certifies that applicable federal and state taxes are included in the Base Bid and the Alternate Proposals.

2. ADDENDA

- a. The undersigned bidder acknowledges receipt of the following Addenda:

1. Addendum No. _____ Dated _____
2. Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

3. TOTAL BID FOR CONSTRUCTION: Town of Ellettsville New Building for Heritage Center.

Sum of Total Base Bid in writing:

_____ Dollars

(\$ _____).

(Show Bid Amounts in both written and figures. In the case of discrepancy between the words and the figures, the words shall govern.)

4. ACKNOWLEDGEMENT

The undersigned bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding process. This bid shall remain open and shall not be withdrawn for a period of sixty (60) calendar days from the date prescribed for its opening.

If written notice of the acceptance of this bid is mailed or delivered to the undersigned within sixty(60) days after the date set for the opening of this bid, or at any time thereafter before it is withdrawn, the undersigned will execute and deliver the Contract Documents to the Owner in accordance with this bid as accepted, and will also furnish and deliver to the Owner the proof of insurance coverage, within ten (10) days after personal delivery or after deposit in the mail of acceptance of bid.

5. TIME OF COMPLETION

The bidder agrees that, if awarded the Contract, the Project will commence no later than September 1, 2024, and the work will be substantially complete by December 1, 2024, ready for occupancy by the Owner, except for delays caused by strikes, Acts of God, or other causes beyond the Contractor’s control.

6. TAX EXEMPTIONS

The undersigned bidder shall notify all prospective subcontractors and suppliers of the tax-exempt status of the Owner, as set forth in the Special Conditions, and therefore, has not included these taxes in his Lump Sum Base Bid price.

7. SUBSTITUTIONS

The undersigned Bidder has based their bid upon the materials, products, articles, equipment, brands, manufacturers and processes described in the Bidding Documents or upon approved equivalents. Proof of equivalency of substitutions is the responsibility of the bidder, but the Town of Ellettsville Planning Department shall approve the equivalency. Proposed equivalent substitutions shall be equal in all respects to the requirements of the Bidding Documents,

including, but not limited to, the design, quality, physical size, performance characteristics, strength, previous history of use, and to the method of installation, attachment, or connection to related or adjoining work. Determination of equivalency of proposed substitutions shall be made by the Town of Ellettsville Planning Department before the bid opening date.

8. *FORM 96 AND FINANCIAL STATEMENT*

Attachment of a completely filled in Form 96, Contractors Bid For Public Work, and bidder's financial statement is mandatory. The financial statement provided hereunder to the governing body awarding the contract must be specific enough in detail so that said governing body can make a proper determination of the bidder's capability for completing the project if awarded.

9. *ADDITIONAL CERTIFICATIONS*

MBE/WBE Assurance: The undersigned assures that good faith was made to solicit and include MBE/WBE sub-bidders and sub-contractors in preparing our bid and further states that all proposals received from MBE/WBE, whether solicited or unsolicited, were fully considered for participation in the work, and where viable have been included in its bid proposal.

Personnel: The undersigned agrees to comply with employee screening.

Non-Discrimination: The undersigned agrees to comply with Title VI of the Civil Rights Act of 1964.

Contractor Certification: The undersigned states that the Bidder and its Sub-Contractors and suppliers are in compliance with Contractor Certification.

Iran Investment Activities: The undersigned states that the bidder is in compliance with laws prohibiting Iran Investment Activities.

SIGNATURES

In testimony whereof, the bidder (a Corporation) has caused this proposal to be signed by its President and Secretary and fixed its corporate seal this _____ day of _____, 2024.

Notice: No bid is valid unless signed by the person making the proposal. If the bidder is a corporation, a person authorized to execute bids on behalf of the Corporation shall sign the bid with the name of the Corporation. If the bidder is a partnership, the bid shall be signed with the partnership name and by one of its partners.

Corporation Signatures:

By: _____
President

By: _____
Secretary

Partnership Signatures:

In testimony whereof, the Bidder (a Partnership) has caused this proposal to be signed by each Partner this _____ day of _____, 2024.

By: _____
Partner

By: _____
Partner

By: _____
Partner

ACKNOWLEDGEMENT(S):

STATE OF _____)

)SS:

COUNTY OF _____)

I, _____, being duly sworn,

says that he/she is _____ of the
above (Title)

_____ and that the statements contained in the
(Name of Corporation or Partnership)
bid, certification and affidavit are true and correct.

Subscribed and sworn to before me this _____ day of _____, 2024.

Notary Public

My Commission Expires: _____

County of Residence: _____

STATE OF _____)

)SS:

COUNTY OF _____)

says that he/she is _____ of the
above (Title)

_____ and that the statements contained in the
(Name of Corporation or Partnership)
bid, certification and affidavit are true and correct.

Subscribed and sworn to before me this _____ day of _____, 2024.

Notary Public

My Commission Expires: _____

County of Residence: _____

STATE OF _____)
)SS:
COUNTY OF _____)

_____, being duly sworn,
says that he/she is _____ of the
above (Title)

_____ and that the statements contained in the
(Name of Corporation or Partnership)
bid, certification and affidavit are true and correct.

Subscribed and sworn to before me this _____ day of _____, 2024.

Notary Public

My Commission Expires: _____

County of Residence: _____

EXHIBIT A

HERITAGE CENTER BUILDING SPECIFICATIONS

SIZE: 54' X 36' X 10'

POSTS: 6"x6" SYP columns pressure treated with chromated copper arsenate (CCA) at a minimum of .60 retention. Columns are set 36" below grade on top of concrete pad. Two 2"x6"x6" treated cleats placed at bottom of posts on two sides. Concrete footers are 18" x 8", 3000 # PSI.

BASEBOARD: 2"x8" baseboard pressure treated with chromated copper arsenate (CCA) at a minimum of .60. An additional row of baseboard on front and 27' on two sides.

GIRTS: 2"x4" SPF #2 or better placed at 24" o.c. around perimeter of building.

LOWER SUPPORTS: Two 2"x10" #1 SYP supports beams, one each side of posts on both sides of building. 2"x6" blocks to attach rafters are attached to both sides of supports beams at rafter location.

UPPER SUPPORTS: Two 2"x12" #1 SYP support beams, one each side of posts on both center row of columns. Two additional 2"x12" supports over kitchen cabinet area. 2"x6" blocks to attach rafters are attached to both sides of supports beams at rafter location.

TRUSSES: 22' span trusses with 6/12 roof pitch. Lobby area trusses are two ply and fastened together per truss manufacture's instructions. These trusses to have double 2"x8" top cord to allow for 2"x8" nested purlins. Loading on these trusses are 20/15/0/2. All exposed lumber is SP 2400F lumber. Trusses on either end of lobby area are single ply trusses. The trusses over restroom area are single ply trusses with single top cord. The loading on these trusses is 20/10/0/10. Note: Exposed trusses are to be painted or stained and owner is to select color.

RAFTERS: 2"x10" #1 SYP rafters placed 24" o.c. on both sides of center section making a 6/12 roof pitch.

LOWER ROOF PURLINS: 2"x4" SPF #2 or better placed at 24" o.c. over rafters and trusses in rear portion of center section.

UPPER ROOF PURLINS: 2"x8" #1 SYP nested purlins at 24" o.c. with joist hangers between trusses over center lobby area.

ROOF SHEATHING: 7/16 OSB on entire roof attached to roof purlins.

STEEL ROOFING & SIDING: 29 gauge ribbed steel manufactured to ASTM A792 Grade 80 specifications for a minimum tensile strength of 80,000 PSI attached with painted screws to match steel. Color to be selected by owner.

VENTED RIDGE CAP: Continuous vented ridge on peak of roof.

HOUSE WRAP: Tytar house wrap attached to side girts under exterior metal on sides, end, and gables.

OVERHANGS: 12" overhangs on sides and ends with 2"x6" SPF fascia and boxed with steel vented soffit and steel fascia with color to match steel siding.

CANOPY: One 3'x8' and one 3'x4' canopies installed on side projecting over the entrance doors on side of building. Roof pitch is 6/12 and is trimmed to match building.

GUTTER: 6" continuous aluminum gutter attached with screws and brackets and 3"x4" downspouts on corners to be connected to drain installed by owner.

SKYLIGHTS: Two Velux Mo6 30"x46" fixed skylights installed on roof with flashing kit for steel roof. Frame with double 2"x8" roof purlin on all sides of window.

PLATE GLASS WINDOWS: Two 10'x7' Plate glass windows with center mullion. Two 4' x 3'/5' trapezoid plate glass windows. One 6' x 5' plate glass window. All windows have 2"x4 1/2" aluminum store front frames finished in black with 1" insulated tinted glass. Windows are supported with two 2"x8" #1 SYP at bottom of window. Wrap window frame with 2"x6" box.

VINYL WINDOWS: Three 4'x4' and one 3'x4' ViWinTech, Series 2100 Double hung insulated vinyl windows with black exterior. Windows are framed with 2"x6" box.

FRONT DOOR: One 6/0 x8/0 aluminum storefront doors finished in black with 2" x 4 1/2" frames, concealed rod panic doors, pull handle, continuous hinge, closer, threshold and sweeps, and 1" tempered glass.

ENTRANCE DOORS: Three 3/0/6/8 steel Plyco series #20 doors finished with black exterior. 24 gauge rolled edge 1 3/4" thick with 3 1/2" steel jamb, panic hardware, closure, lever lock exterior.

DECORATIVE WOOD FRONT SLIDER DOORS: Two 4'x10' with 1/2" cedar plywood doors with 1"x4" cedar crossbuck design. Frame is treated 2"x4" frame with horizontal 2"x4" treated boards. Doors are hung from galvanized track with trolleys and covered with steel track cover. Doors are non-functional are attached to the building using lag screws. 6'x2' area above 6/0 x 8/0 door and below sliding door track is also covered in cedar.

DECORTIVE BULL: Install owners supplied plywood cutout of a bull in the gable end of building using lag crews.

CONCRETE: 4" concrete floor, 4000# PSI with 6x6x10 wire mesh, sealer, and 6 mil vapor barrier under concrete. Install 2" x 4' Foamular R-10 insulation under concrete around the perimeter of building. Provide 4" of crushed stone under concrete floor. Install one 4'x4' and one 8'x4' 4" concrete aprons at entrance doors on sides.

INTERIOR GIRTS: 2"x4" SPF #2 or better placed at 24" o.c. around perimeter (except restrooms) on inside of building and on both sides of center posts except in restrooms and in kitchen cabinet area.

FRAME FOR CURTAIN DOOR: Install three 2"x12" #1 SYP for top header of 15' x 8' curtain door to be installed by owner between meeting room 1 & 2.

OFFICE CEILING FRAMING: 2"x6" SPF #2 or better ceiling joists with center bracing to create level ceiling in office and hall.

EXTERIOR WALL STUD: One 2"x6" SPF #2 or better stud placed between posts and attached between the interior and exterior girts.

EXTERIOR PLATE: 2"x6" treated bottom plate laid flat between posts with sill sealer around the perimeter of building.

UTILITY ROOM CEILING FRAMING: 2"x4" SPF #2 or better placed at 24" o.c. on bottom cord of trusses in utility room.

SECONDS FLOOR DECK: 2"x8" #1 SYP floor joists placed at 16" o.c. covered with 3/4" OSB glued and nailed to floor

joists. Joist to bear on restroom studs walls. Extend floor joists and decking 24" into lobby area. This extension is 64" wide in center of lobby for platform to access utility room.

STUD WALLS: 2"x8", 24" studs with treated bottom plate in center restroom wall. 2"x6", 24" studs with treated bottom plate on two sides and rear wall of the restroom. 2"x4", 24" studs with treated bottom plate on front wall of utility and restroom, both sides of hallway, rear of kitchen cabinets, and closet.

INSULATION: R-19 Kraft faced fiberglass insulation on perimeter sidewalls (including front gable). R-30 Kraft faced insulation in cathedral ceiling areas above meeting rooms, office, and hallway. 4 ½" closed cell spray foam in nested purlins of lobby area. R-38 blown fiberglass above utility room. R-11 unfaced fiberglass insulation for sound control in restroom walls.

LOBBY CEILING: 29 gauge corrugated galvanized steel ceiling screwed to nested purlins between trusses in lobby area at a 6/12 pitch trimmed on sides with galvanized J channel.

CEILING FINISH: 5/8" drywall finished textured ceiling (white) in all rooms except restrooms, utility room, and lobby. 5/8" drywall finished smooth and painted (white) in both restrooms. 5/8" unfinished (fire-taped only) in utility room.

INTERIOR FINISH: 5/8" drywall finished, primed and painted on all sides except utility room. Wrap all windows and doors with finished drywall. 05/8" unfinished (fire-taped only) in utility room. Owner to select paint color.

OLD BARN SIDING: Install owners supplied reclaimed barn siding on lobby/restroom wall and as a wainscot around remaining lobby walls.

INTERIOR DOORS: Two 6/0 x 7/0 and five 3/0 x 7/0 interior doors Knotty Pine K style Kentucky Wholesale Barn door type with knotty pine trim and jambs. Doors to have lever/lever locks with black hinges and hardware. One 4'x7' slider door with same design located in utility room with black track and hardware.

BASE TRIM: 1"x6" knotty pine base trim in all rooms except utility room

KITCHEN CABINETS: Kitchen cabinets consist of five base cabinets and six wall cabinets with 12' of counter top. Style and type of kitchen cabinets and counter top to be chosen by owner. Cost allowance for cabinets and counter top is \$5,500.00.

TOILET PARTITIONS: Two handicap 60" stall partitions with 36" doors. One standard 36" toilet partition and one 18" wall mounted urinal screen. Partitions to be powder coated with color to be selected by owner. All required grab bars for handicap stalls.

BATHROOM EQUIPMENT: Three dual roll TP and seat cover dispensers, Two sets soap and towel dispensers and mirrors. Two baby changing stations. Cost allowance for all equipment is \$3,200.00.

FIRE EXTINGUISHERS: Four wall-mounted 10 pound, 2A rated fire extinguishers with cabinet to be located by owner

ELECTRICAL POWER AND LIGHTING: Install one 200 amp single phase power distribution panel with all required breakers and meter base. Provide and install electrical rough in and trim out per electrical drawings. Provide and install lighting has shown on drawing. Total lighting cost allowance is \$6,600.00.

PLUMBING: Install complete plumbing system per plumbing plan. All sanitary waste and vents to be piped in PVC. All domestic water lines are piped in PEX. One 30 gal electric water heater with pan. One American Standard urinal with

Town of Ellettsville
Heritage Center

Sloan flush valve. Both restrooms have American Standard wall hung sinks with chrome plated Pfister ADA compliant 2 handle faucets with mixing valve below sinks. Two ADA water closets and one standard water closet. One utility sink in office with delta utility faucet. One double bowl kitchen sink with Delta two handle kitchen faucet with gooseneck spout and side spray.

HVAC: Install Ducane (96% AFUE, 110,000 BTU) high-efficient gas furnace and a Ducane (16 SEER, 5 ton) high-efficient A/C unit with a five-ton cased coil. Exposed galvanized steel round ductwork in all three meeting rooms and lobby area. One digital programmable thermostat. Furnace to be installed above restroom area and A/C unit is in rear of building.

SITEWORK: Sitework is to be done by the Town of Ellettsville and grade will be brought to 8" +/- from top of floor.



CONTRACTOR'S BID FOR PUBLIC WORK - FORM 96

State Form 52414 (R2 / 2-13) / Form 96 (Revised 2013)

Prescribed by State Board of Accounts

PART I

(To be completed for all bids. Please type or print)

Date (month, day, year): _____

1. Governmental Unit (Owner): _____

2. County : _____

3. Bidder (Firm): _____

Address: _____

City/State/ZIP code: _____

4. Telephone Number: _____

5. Agent of Bidder (if applicable): _____

Pursuant to notices given, the undersigned offers to furnish labor and/or material necessary to complete the public works project of _____

(Governmental Unit) in accordance with plans and specifications prepared by _____

_____ and dated _____ for the sum of

_____ \$ _____

The undersigned further agrees to furnish a bond or certified check with this bid for an amount specified in the notice of the letting. If alternative bids apply, the undersigned submits a proposal for each in accordance with the notice. Any addendums attached will be specifically referenced at the applicable page.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit basis, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS

(If applicable)

I, the undersigned bidder or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel products on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ACCEPTANCE

The above bid is accepted this _____ day of _____, _____, subject to the following conditions: _____

Contracting Authority Members:

_____	_____
_____	_____
_____	_____

PART II

(For projects of \$150,000 or more – IC 36-1-12-4)

Governmental Unit: _____

Bidder (Firm) _____

Date (month, day, year): _____

These statements to be submitted under oath by each bidder with and as a part of his bid.
Attach additional pages for each section as needed.

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Expected Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you? _____ If so, where and why?

4. List references from private firms for which you have performed work.

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed work. *(Examples could include a narrative of when you could begin work, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)*

2. Please list the names and addresses of all subcontractors *(i.e. persons or firms outside your own firm who have performed part of the work)* that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and address of each subcontractor, equipment to be used by the subcontractor, and whether you will require a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed project? Any equipment to be used by subcontractors may also be required to be listed by the governmental unit.

5. Have you entered into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which would corroborate the prices listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of bidder's financial statement is mandatory. Any bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the contract must be specific enough in detail so that said governing body can make a proper determination of the bidder's capability for completing the project if awarded.

SECTION IV CONTRACTOR'S NON – COLLUSION AFFIDAVIT

The undersigned bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to include anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporation has, have or will receive directly or indirectly, any rebate, fee, gift, commission or thing of value on account of such sale.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES FOR PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT.

Dated at _____ this _____ day of _____, _____

(Name of Organization)

By _____

(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
COUNTY OF _____) ss

Before me, a Notary Public, personally appeared the above-named _____ and
swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____, _____.

Notary Public

My Commission Expires: _____

County of Residence: _____

BID OF

(Contractor)

(Address)

FOR

PUBLIC WORKS PROJECTS

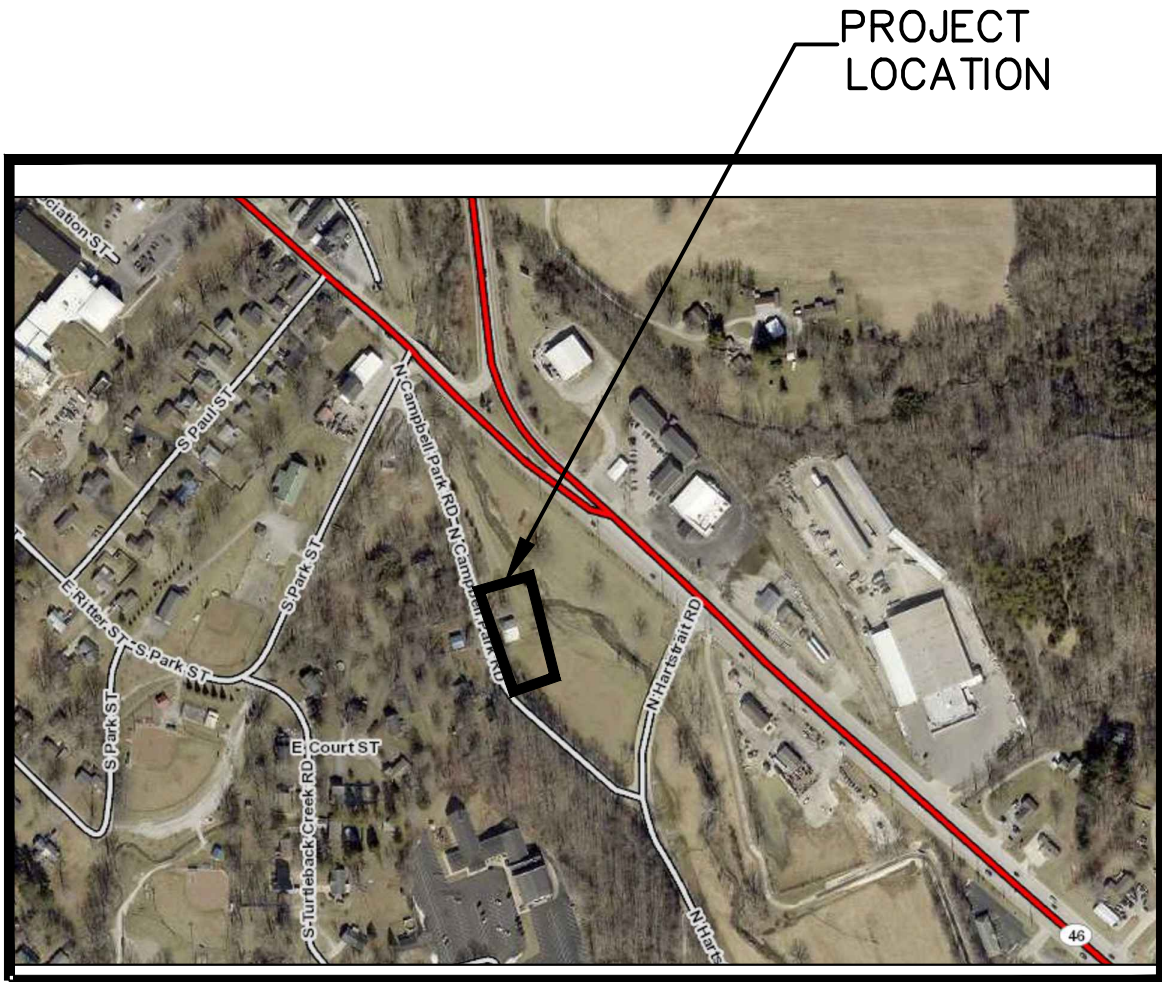
OF

Filed _____

Action taken _____

HERITAGE CENTER COMMUNITY BUILDING

Stewart Park
4616 N Campbell Park Road
Ellettsville, Indiana



VICINITY/LOCATION MAP
SCALE: NOT TO SCALE

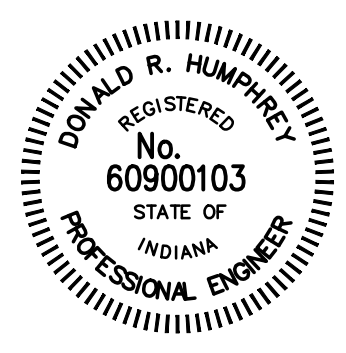
UTILITY CONTACT INFORMATION		
GAS Vectren Gas (800) 227-1376	SEWER AND WATER Town of Ellettsville Utilities Attn: Mike Farmer 1150 W. Guy McCowan Dr. Ellettsville, IN 47249 (812) 876-2297	ELECTRIC Duke Energy (800) 521-2232
STORM & DRAINAGE Town of Ellettsville Public Works 194 S. Park Street Ellettsville, IN 47249 (812) 876-8616		

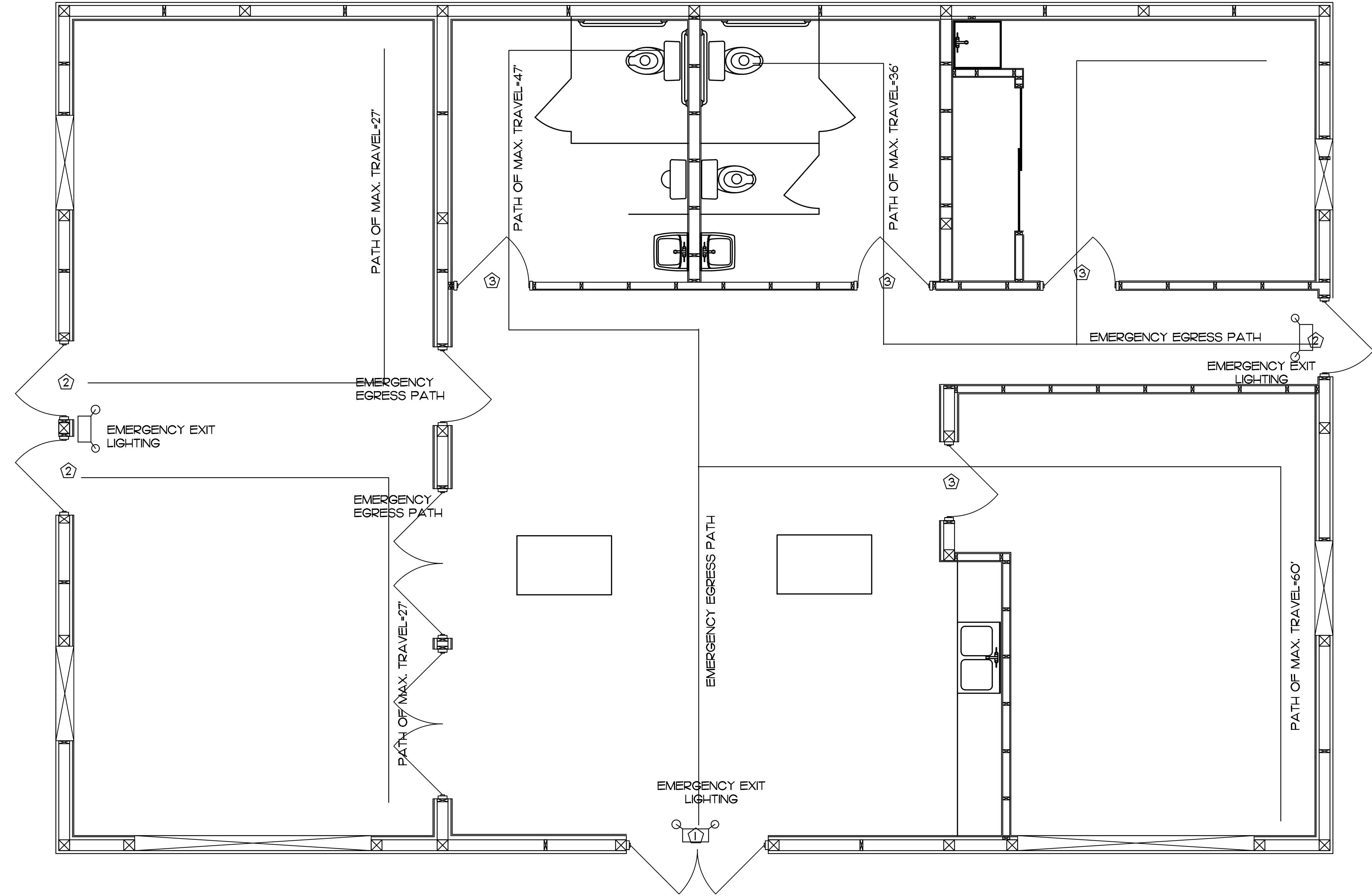
SHEET INDEX	
SHEET NO.	TITLE
A100	LIFE SAFETY PLAN
A101	BUILDING FLOOR PLAN
A102	BUILDING WALL SECTIONS
A103	BUILDING ELEVATIONS
S100	FOUNDATION PLAN & NOTES
S101	ROOF FRAMING PLAN
E100	ELECTRICAL POWER & LIGHTING PLAN
P100	BUILDING PLUMBING PLAN
M100	MECHANICAL & HVAC PLAN
	PREFABRICATED TRUSS DRAWINGS

OWNER
Town of Ellettsville
1150 W. Guy McCowan Drive
Ellettsville, Indiana 47429

DESIGN ENGINEER
Total Engineering Solutions Co., LLC
9955 Crosspoint Blvd., Suite 100
Indianapolis, Indiana 46256

ARCHITECTURAL PLANS

				Certified By:  DONALD R. HUMPHREY, P.E. IND. REG. NO. 60900103	Revisions
--	--	--	---	--	-----------



BUILDING FLOOR PLAN

SCALE: 3/8" = 1'

BUILDING CODE NOTE

THE PROJECT CONSTRUCTION SHALL MEET THE APPLICABLE PROVISIONS OF THE FOLLOWING BUILDING CODES"

- 2014 INDIANA BUILDING CODE
- 2009 ICC A-177.1 ACCESSIBILITY STANDARD
- 2010 INDIANA ENERGY CONSERVATION CODE (2007 ASHRAE 90.1)
- 2009 INDIANA ELECTRIC CODE (2008 NFPA 70)
- 2014 INDIANA MECHANICAL CODE (2012 IMC, 1ST PRINTING)
- 2014 INDIANA FUEL GAS CODE (2012 IFGC, 2ND PRINTING)
- 2012 INDIANA PLUMBING CODE (2006 IPC)

FE PORTABLE FIRE EXTINGUISHER, WALL MOUNTED, 2-A RATED, MEETING THE REQUIREMENTS OF FC 906. EXTINGUISHERS TO BE LOCATED SO AS TO PROVIDE 75' MAX. TRAVEL DISTANCE.

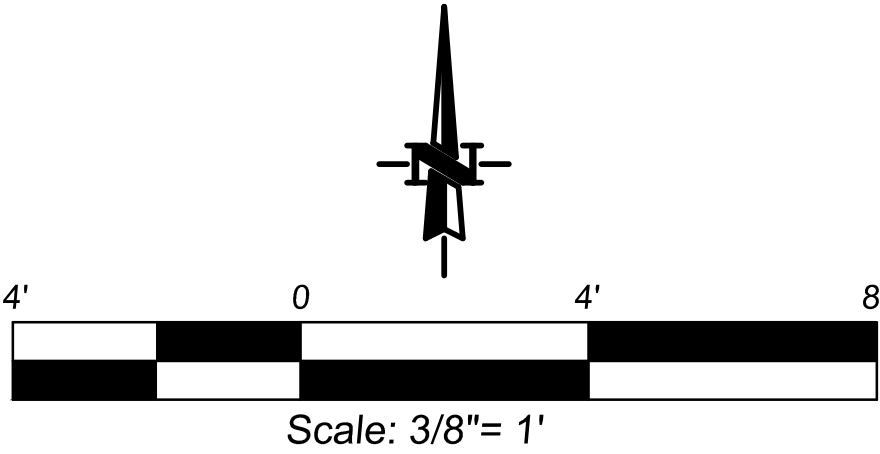
BUILDING CLASSIFICATION NOTES:

BUILDING CONSTRUCTION TYPE: V-B

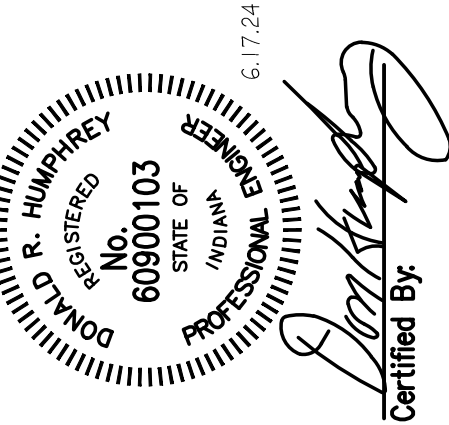
NEW BUILDING AREA = 1,944 SF
CODE ALLOWANCE AREA = 6,000 SF (IBC TABLE 503)

OCCUPANCY GROUP: A-3 (COMMUNITY CENTER)

OCCUPANCY LOAD:
ASSEMBLY AREA: 1 OCCUPANT PER 15 SF NET FLOOR AREA
NET FLOOR AREA (EXCLUDING RESTROOMS) = 1,185 SF
TOTAL OCCUPANCY LOAD = 1,185 SF/15 = 79 OCCUPANTS



HERITAGE CENTER COMMUNITY BUILDING
4616 N Cambells Park Rd
Ellettsville, Indiana

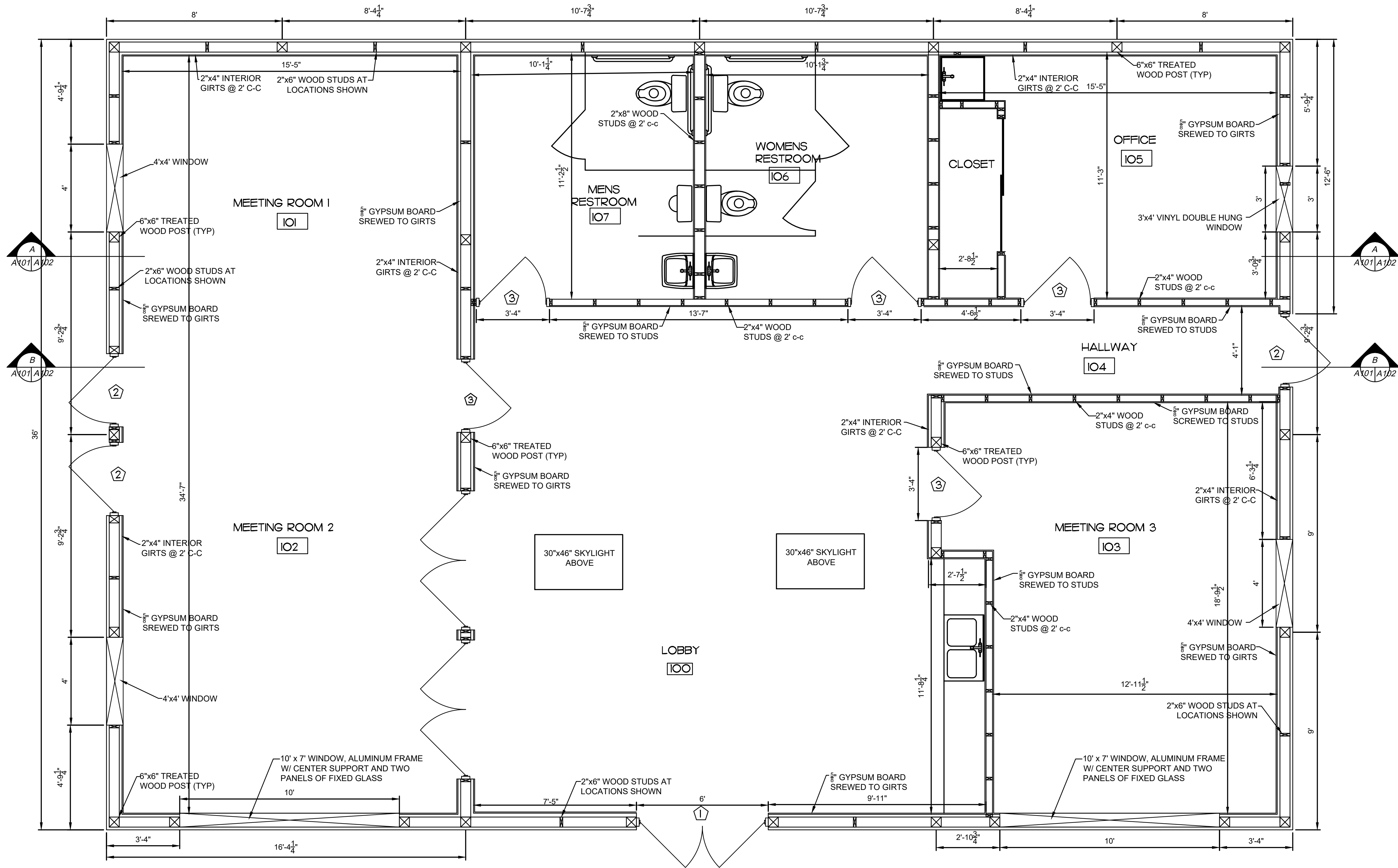


REVISIONS			
No.	Date	Description	
1			

SHEET TITLE:
LIFE SAFETY PLAN

SHEET NUMBER:
A100

Project No. 24010



BUILDING FLOOR PLAN

SCALE: 3/8" = 1'

DOOR SCHEDULE

DOOR MARK	DOOR MATERIAL	FRAME MATERIAL	DESCRIPTION	COMMENTS
①	ALUMINUM	ALUMINUM	ENTRANCE	6'x8' ALUMINUM DOORS & FRAME W/ FULL GLASS PANELS, LOCKSET, PANIC BAR, ALUM. THRESHOLD, AND WEATHER STRIPPING
②	HM	HM	ENTRANCE	3'x7' HOLLOW METAL DOOR & FRAME W/ LOCKSET, PANIC BAR, ALUM. THRESHOLD, AND WEATHER STRIPPING
③	WOOD	WOOD	PASSAGE	SOLID WOOD DOORS W/ HINGES & LOCKSET
④	WOOD	WOOD	PASSAGE	SOLID WOOD DOORS W/ HINGES & LOCKSET 6'x6'8"
⑤	WOOD	WOOD	SLIDING	4' X 7' SOLID WOOD BARN STYLE SLIDING DOOR FOR ATTIC SPACE ACCESS

DOOR HARDWARE NOTES:

- DOOR THRESHOLDS SHALL HAVE A MAXIMUM HEIGHT OF $\frac{1}{2}$ " PER 2009 ICC A117.1 SECTION 404.2.4
- DOOR LEVER LOCKSETS SHALL BE PULL DOWN TYPE WITH A LEVER HANDLE THAT ALLOWS DOORS TO BE OPENED WITH A NATURAL DOWNWARD MOTION IN ACCORDANCE WITH 2009 ICC A117.1 SECTION 404.2.6

ROOM FINISH SCHEDULE

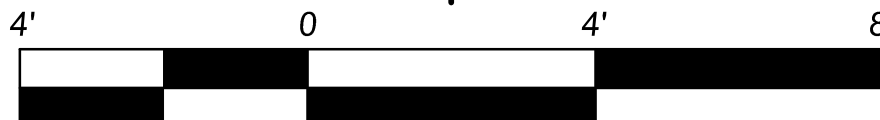
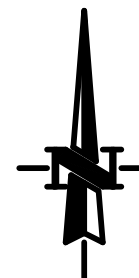
ROOM #	DESCRIPTION	WALL MATERIAL	CEILING MATERIAL	FLOOR
100	LOBBY	PAINTED GYPSUM WALL BOARD (5/8" REGULAR TYPE) W/4" RUBBER COVE BASE	EXPOSED TRUSS	SEALED CONCRETE
101	MEETING ROOM 1	PAINTED GYPSUM WALL BOARD (5/8" REGULAR TYPE) W/4" RUBBER COVE BASE	VAULTED TEXTURED DRYWALL, PAINTED	SEALED CONCRETE
102	MEETING ROOM 2	PAINTED GYPSUM WALL BOARD (5/8" REGULAR TYPE) W/4" RUBBER COVE BASE	VAULTED TEXTURED DRYWALL, PAINTED	SEALED CONCRETE
103	MEETING ROOM 3	PAINTED GYPSUM WALL BOARD (5/8" REGULAR TYPE) W/4" RUBBER COVE BASE	VAULTED TEXTURED DRYWALL, PAINTED	SEALED CONCRETE
104	HALL	PAINTED GYPSUM WALL BOARD (5/8" REGULAR TYPE) W/4" RUBBER COVE BASE	LEVEL SMOOTH FINISHED PAINTED DRYWALL	SEALED CONCRETE
105	OFFICE	PAINTED GYPSUM WALL BOARD (5/8" REGULAR TYPE) W/4" RUBBER COVE BASE	LEVEL SMOOTH FINISHED PAINTED DRYWALL	SEALED CONCRETE
106	WOMENS RESTROOM	PAINTED GYPSUM WALL BOARD (5/8" REGULAR TYPE) W/4" RUBBER COVE BASE	LEVEL SMOOTH FINISHED PAINTED DRYWALL	SEALED CONCRETE
107	MENS RESTROOM	PAINTED GYPSUM WALL BOARD (5/8" REGULAR TYPE) W/4" RUBBER COVE BASE	LEVEL SMOOTH FINISHED PAINTED DRYWALL	SEALED CONCRETE
108	ATTIC/UTILITY ROOM	GYPSUM WALL BOARD (5/8" REGULAR TYPE) WITH FIRE TAPE	LEVEL FIRE TAPED DRYWALL W 2'x4' STRIPPING	UNFINISHED 3" OSB

DIMENSIONAL NOTES:

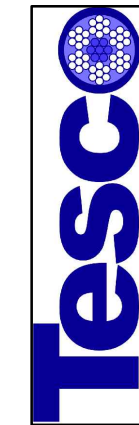
- ALL INTERIOR ROOM DIMENSIONS ARE TAKEN TO THE FACE OF WOOD STUD AND DO NOT INCLUDE DRYWALL.
- EXTERIOR BUILDING DIMENSIONS ARE EITHER TO FACE OF STUDS OR CENTER OF WOOD POSTS AS SHOWN.

WINDOW NOTES:

- ALL EXTERIOR WINDOWS TO VINYL CLAD ALUMINUM FRAMED DOUBLE HUNG WINDOWS WITH 1" INSULATED THERMAL GLASS. GLASS SHALL BE CLEAR DOUBLE PANE $\frac{1}{2}$ " LOW-E WITH $\frac{1}{2}$ " AIR GAP. WINDOWS SHALL BE TUBELITE SERIES 14000 OR EQUAL.
- TEMPERED SAFETY GLASS SHALL BE REQUIRED FOR WINDOWS IN HAZARDOUS LOCATIONS AS DEFINED BY 2014 IBC-2406.4 AND AS SHOWN BY THE 'TP' SYMBOL LOCATIONS ON THIS SHEET



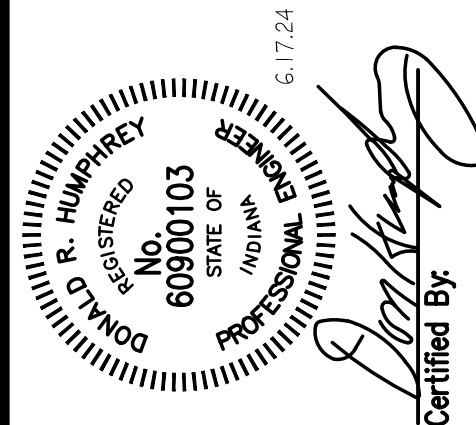
Scale: 3/8"= 1'



TOTAL ENGINEERING SOLUTIONS COMPANY, LLC
9955 Crosspoint Blvd., Suite 100
Indianapolis, IN 46256
P (317) 537-2410
www.tescosolutions.com

HERITAGE CENTER COMMUNITY
BUILDING

4616 N Cambells Park Rd
Ellettsville, Indiana



REVISIONS

No.	Description	Date
1		

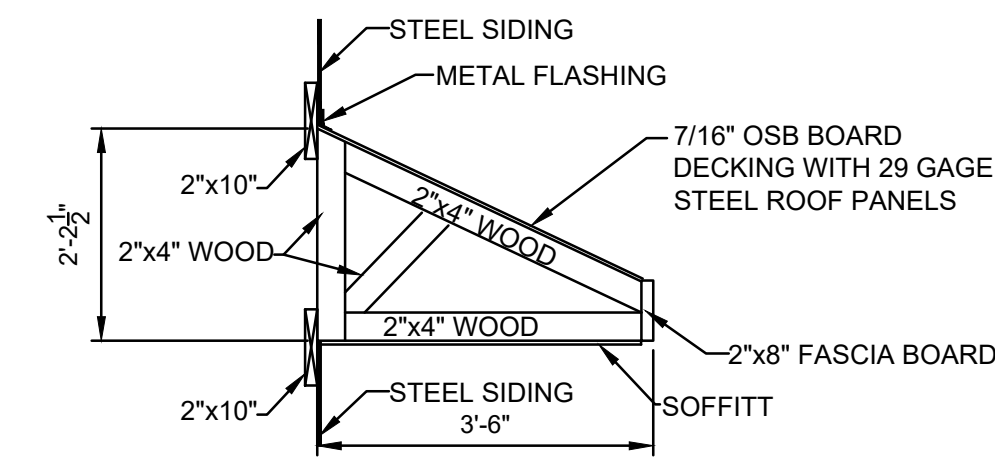
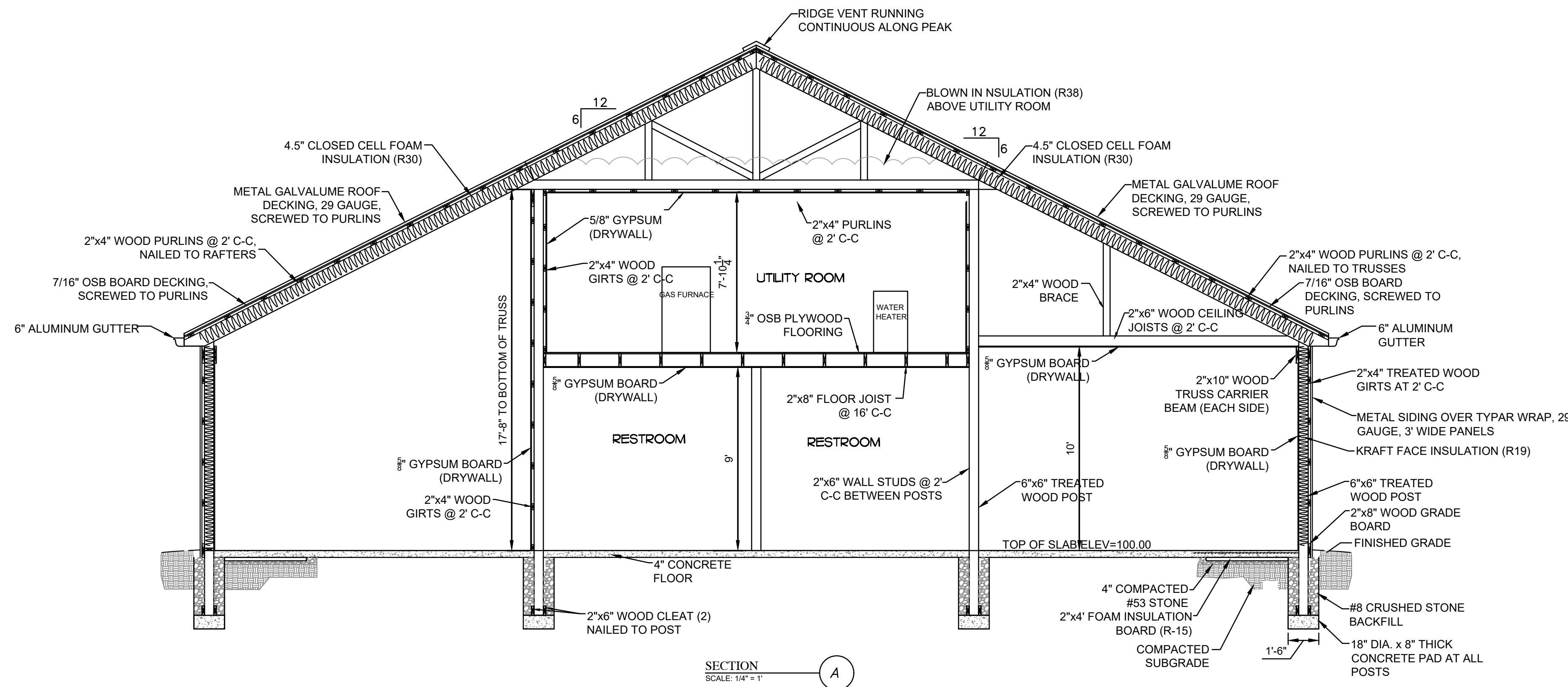
SHEET TITLE:

BUILDING FLOOR
PLAN

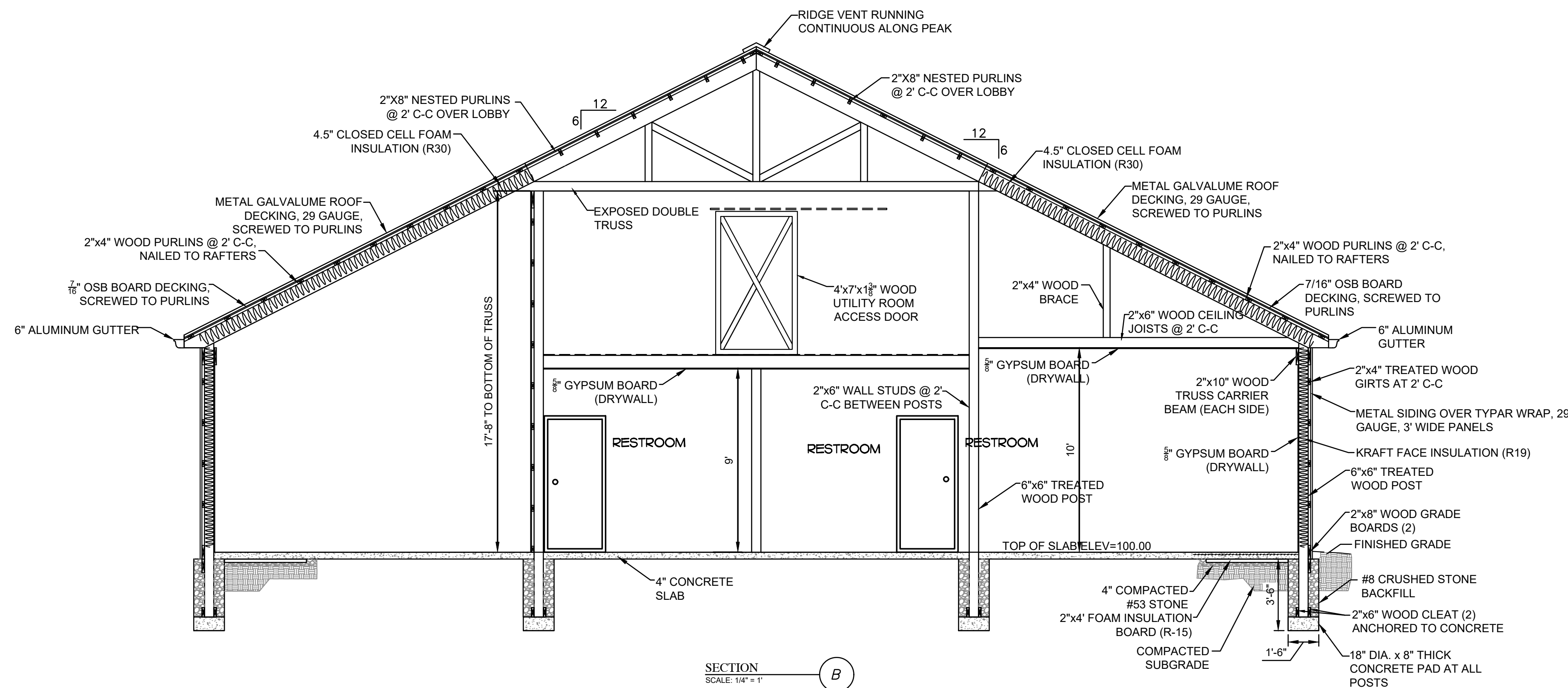
SHEET NUMBER:

A101

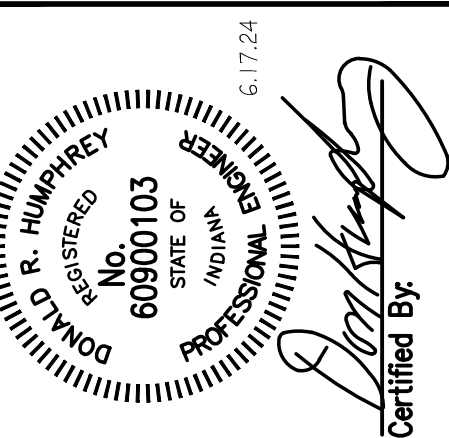
Project No. 24010



WOOD CANOPY FRAMING
SCALE: 1/2" = 1'



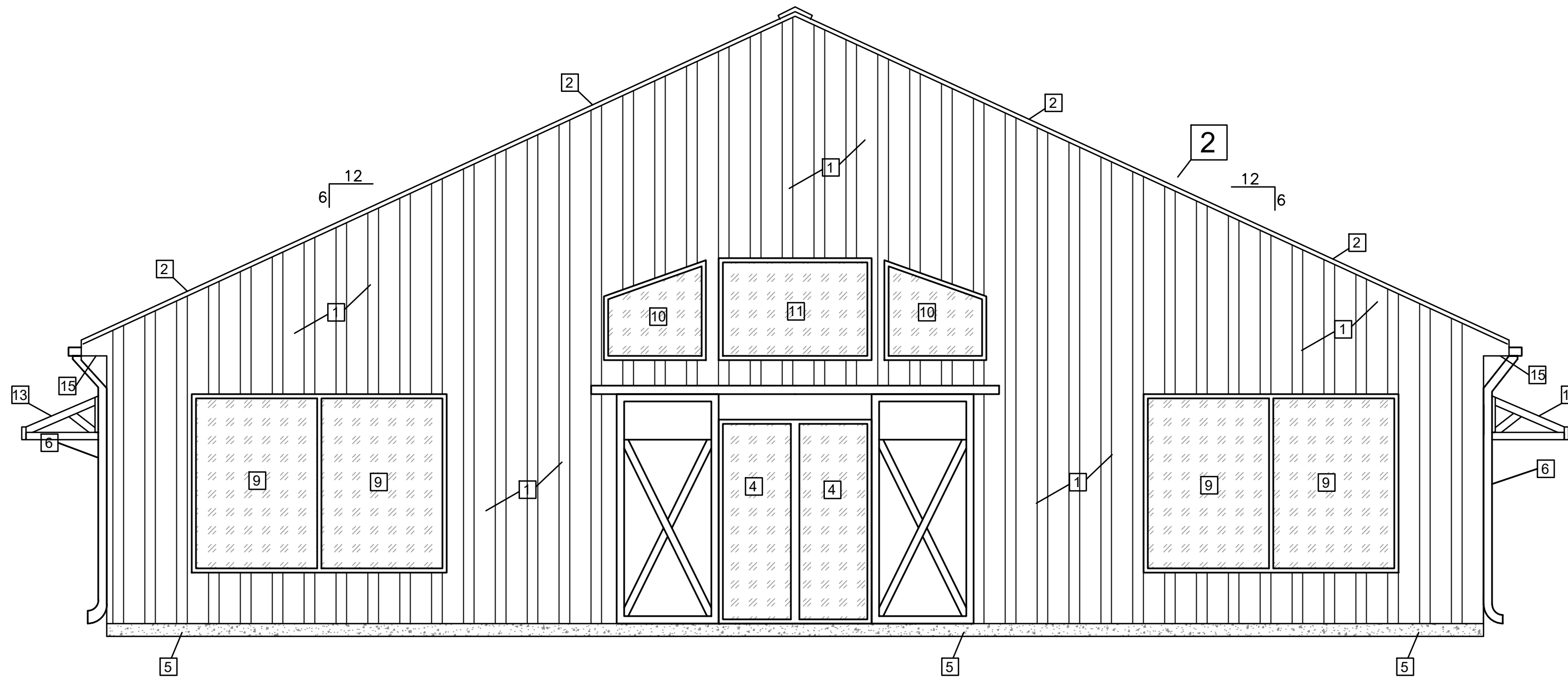
**HERITAGE CENTER COMMUNITY
BUILDING**
4616 N Cambells Park Rd
Ellettsville, Indiana



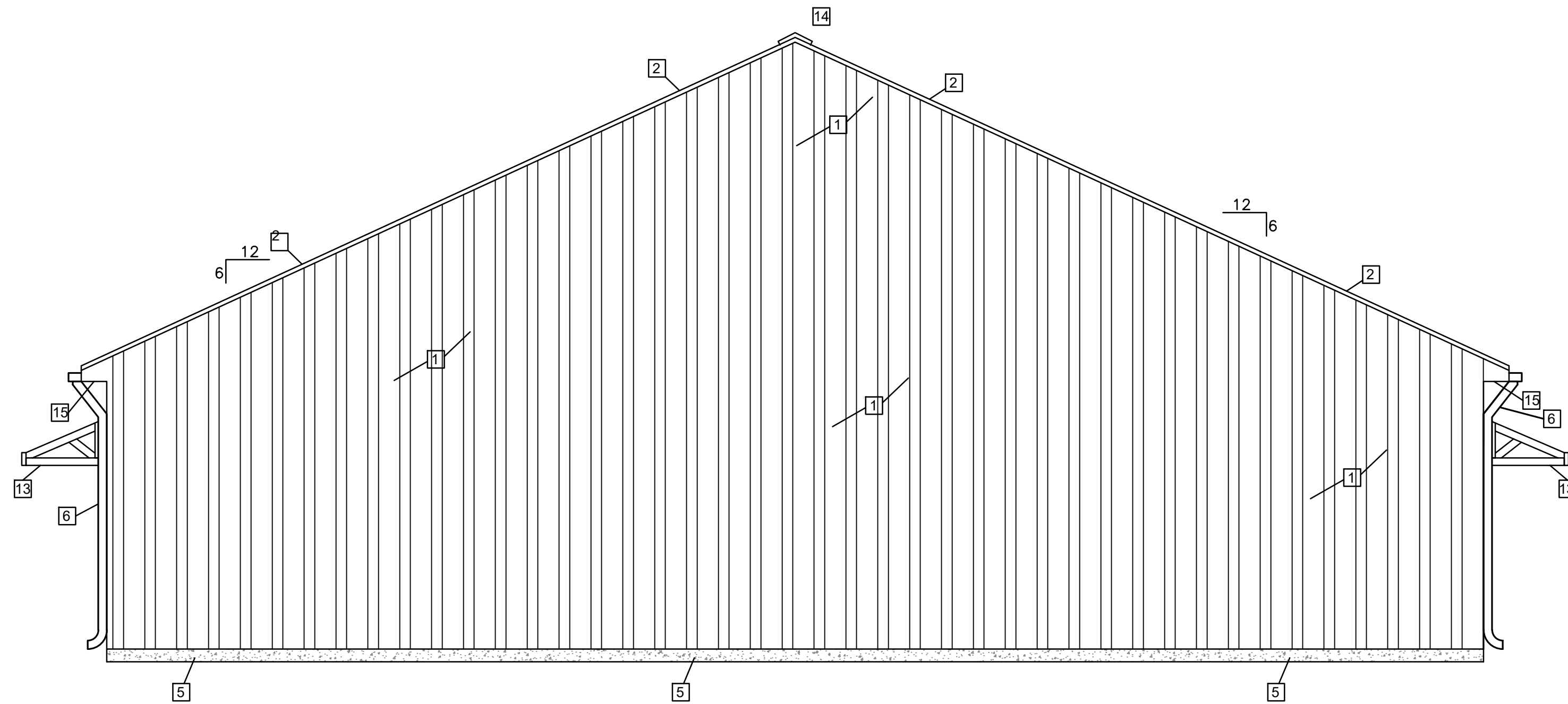
REVISIONS			
No.	Date	Description	
1			

SHEET TITLE:
**BUILDING WALL
SECTIONS**

SHEET NUMBER:
A102



SOUTH ELEVATION
SCALE: 1/4"=1'



NORTH ELEVATION
SCALE: 1/4"=1'

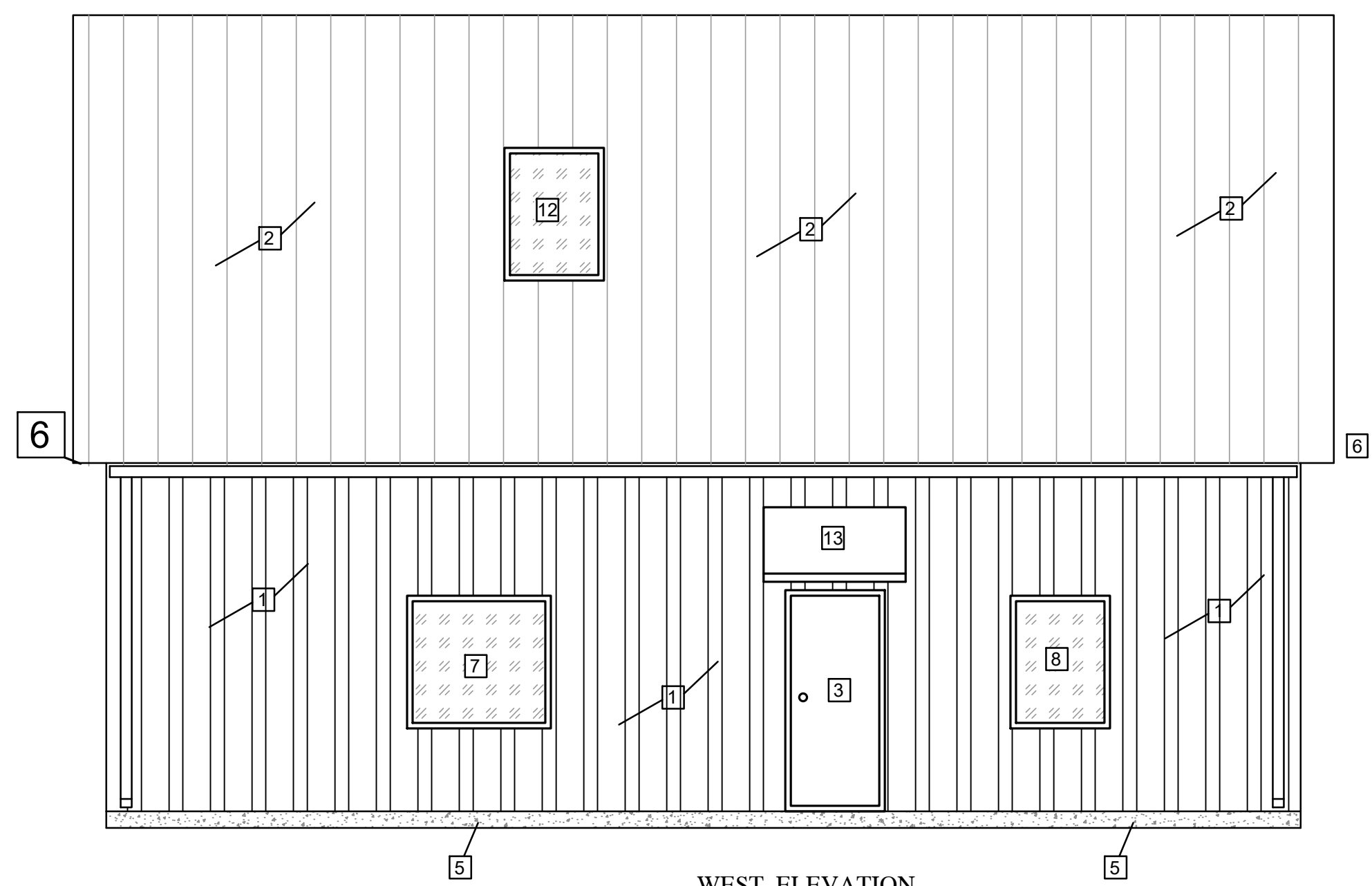
BUILDING ELEVATION NOTES:

- 1 METAL SIDING, 29 GAUGE, 36" WIDE PANELS
- 2 METAL GALVALUME ROOFING, 29 GAUGE, 36" WIDE PANEL
- 3 3' x 7' HOLLOW METAL DOOR & FRAME, SEE SCHEDULE SHEET A101
- 4 6' x 8' ALUMINUM DOOR & FRAME WITH GLASS PANELS, SEE SCHEDULE SHEET A101
- 5 4" THICK CONCRETE SLAB
- 6 6" ALUMINUM GUTTERS W/ 3" x 4" ALUMINUM DOWNSPOUTS
- 7 4'x4' ALUMINUM FRAME FIXED WINDOWS
- 8 3'x4' ALUMINUM FRAME FIXED WINDOW
- 9 10'X7' ALUMINUM WINDOW FRAME WITH MIDDLE SUPPORT AND TWO GLASS PANELS.
- 10 4' x 5' ALUMINUM FRAME FIXED WINDOWS
- 11 6' x 5' ALUMINUM FRAME FIXED WINDOW
- 12 30" x 46" FIXED LIGHT SKYLIGHT
- 13 WOOD FRAMED CANOPY, 42" PROJECTION, SEE DETAIL SHEET A102
- 14 RIDGE VENT RUNNING CONTINUOUS ALONG ROOF PEAK
- 15 12" VENTED SOFFIT

HIGH EAVE HEIGHT
ELEV=124.00 (24'-0")

LOW EAVE HEIGHT
ELEV=110.50 (10'-6")

FINISHED FLOOR
ELEV=100.00 (0'-0")



WEST ELEVATION
SCALE: 1/4"=1'

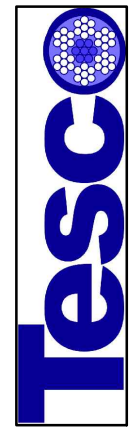
HIGH EAVE HEIGHT
ELEV=124.00 (24'-0")

LOW EAVE HEIGHT
ELEV=110.50 (10'-6")

FINISHED FLOOR
ELEV=100.00 (0'-0")



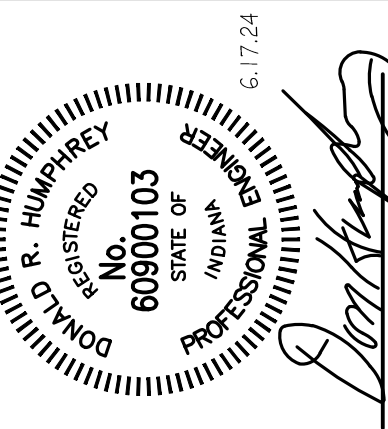
EAST ELEVATION
SCALE: 1/4"=1'



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**HERITAGE CENTER COMMUNITY
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4616 N Cambells Park Rd
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1		

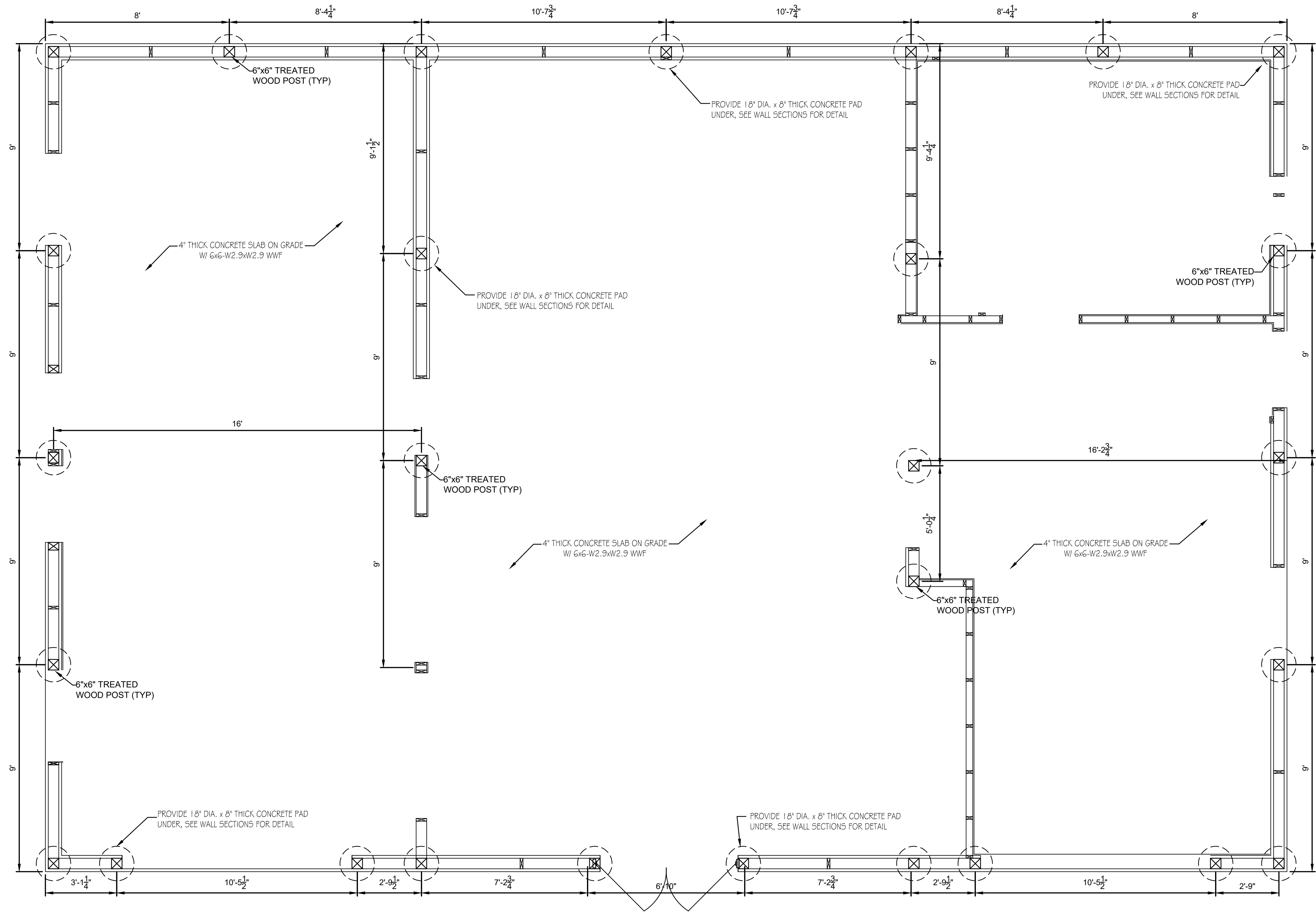
SHEET TITLE:

**BUILDING
ELEVATIONS**

SHEET NUMBER:

A103

Project No. 24010



BUILDING FOUNDATION PLAN

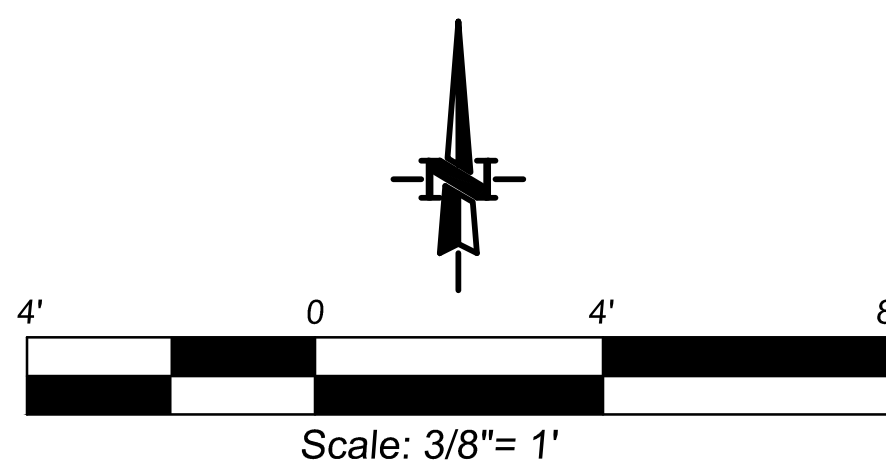
SCALE: 3/8" = 1'

GENERAL NOTES:

- THE STRUCTURAL DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF STRUCTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, AND MAJOR STRUCTURAL ELEMENTS. AS SCOPE DOCUMENTS, THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE IN DETAIL ALL WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE STRUCTURAL REQUIREMENTS. BASED ON THE GENERAL SCOPE INDICATED AND DESCRIBED, THE CONTRACTORS SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE PROJECT.
- BUILDING CODES:
INTERNATIONAL BUILDING CODE, 2014 WITH INDIANA AMENDMENTS
AMERICAN INSTITUTE OF STEEL CONSTRUCTION, ASD LATEST EDITION
AMERICAN CONCRETE INSTITUTE, 318
- DESIGN LOADS:
OCCUPANCY CATEGORY II
FLOOR DEAD LOAD 15 PSF
FLOOR LIVE LOAD 50 PSF OFFICE, 250 PSF STORAGE WAREHOUSE
ROOF SNOW LOAD Pg=20 PSF, Ps=22 PSF, Ce=9, Is=1.1, Ct=1.1
RAIN ON SNOW LOAD Pr=5 PSF
ROOF LIVE LOAD 20 PSF
WIND LOAD BASIC WIND SPEED=115/89 MPH, ENCLOSED BUILDING, EXPOSURE B,
SEISMIC DESIGN CATEGORY B, SITE CLASS D, IMPORTANCE FACTOR=1.0
MECHANICAL UNITS ANALYSIS: SIMPLIFIED EQUIVALENT LATERAL FORCE PROCEDURE
CONSULT WITH MECHANICAL CONTRACTOR
- SECTIONS INDICATED AS TYPICAL MAY NOT BE INDICATED ON PLAN SHEETS. IT IS THE CONTRACTORS' RESPONSIBILITY TO USE TYPICAL SECTIONS WHERE REQUIRED.
- CONTRACTORS ARE RESPONSIBLE FOR PROVIDING TEMPORARY BRACING AND/OR SHORING UNTIL THE PERMANENT BRACING IS IN PLACE.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION REGARDING SIZE AND QUANTITY OF OPENINGS, SLAB REQUIREMENTS AND LINTELS.
- IF A CONFLICT EXISTS BETWEEN CONTRACT DOCUMENTS, THE MORE STRINGENT CONDITION IS TO BE USED, UNLESS NOTED OTHERWISE.
- SUPPORTS NOT SHOWN AND REQUIRED FOR NON-STRUCTURAL ITEMS AND THEIR APPURTENANCES ARE TO BE PROVIDED BY THE CONTRACTOR REQUIRING THE NON-STRUCTURAL ITEM.
- VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY CONSTRUCTION OR FABRICATION. IF CONDITIONS ARE DIFFERENT THAN SHOWN, NOTIFY ENGINEER/ARCHITECT IMMEDIATELY FOR MODIFICATIONS.

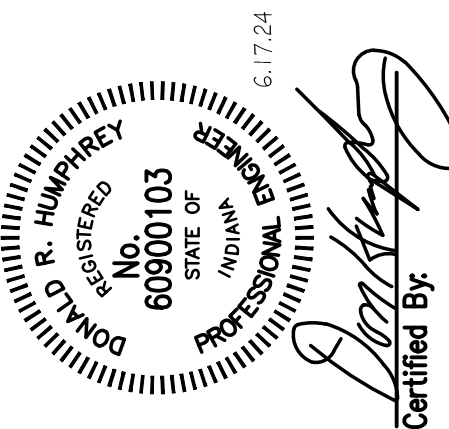
FOUNDATION NOTES:

- AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE IS 2000 PSF. TO BE VERIFIED BY CONTRACTOR.
- FOOTINGS ARE TO BE PLACED ON UNDISTURBED NATURAL SOIL OR ENGINEERED FILL. PREVIOUS UNCONTROLLED FILL MATERIAL IS NOT ACCEPTABLE.
- ENGINEERED FILL SHALL BE FREE OF ORGANIC MATERIAL, ROCKS LARGER THAN 2 INCHES, AND CLAY SHALL NOT HAVE A PI GREATER THAN 15. FILL SHALL BE COMPACTED TO A MINIMUM 95% OF THE MAXIMUM MODIFIED PROCTOR PER ASTM-D1557, AND PLACED IN 8 INCH LIFTS.
- GRANULAR MATERIAL IS SOIL WITH A ROUNDED SHAPE, FREE OF ORGANIC AND CLAY MATERIAL WITH MAXIMUM SIZE AGGREGATE TO BE 3/8".
- CONCRETE NOTES:
 - ALL CONCRETE SHALL HAVE THE FOLLOWING 28 DAY COMPRESSIVE STRENGTHS:
FOOTINGS 3000 PSI WITH 2% AIR ENTRAINMENT, W/C=.55
EXTERIOR SLABS 4000 PSI WITH 6% AIR ENTRAINMENT, W/C=.45
INTERIOR SLABS 4000 PSI WITH 2% AIR ENTRAINMENT, AND W/C=.5
 - ALL REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60. ALL WELDED WIRE FABRIC SHALL BE ASTM A185 WITH YIELD OF 65 KSI.
 - ALL CONCRETE AGGREGATE SHALL CONFORM WITH ASTM C33 WITH NOMINAL MAXIMUM COURSE AGGREGATE SIZE OF 1 INCH AND WITHOUT CHERT WHERE EXPOSED TO PUBLIC VIEW.
 - ALL CONCRETE SHALL USE TYPE I PORTLAND CEMENT. REPLACEMENT OF PORTLAND CEMENT WITH CLASS "C" FLY ASH IS ALLOWED UP TO 20 PERCENT. IN FOOTINGS ONLY, SLAG CAN BE USED TO REPLACE PORTLAND CEMENT UP TO 30 PERCENT.
 - PROVIDE SLEEVES FOR ALL OPENINGS IN GRADE BEAMS, TO SEPARATE PIPE FROM CONCRETE.
 - CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS. AND ACI 347, GUIDE TO FORMWORK FOR CONCRETE.
 - ALL REINFORCEMENT SHALL BE PLACED PER THE CONCRETE REINFORCING STEEL INSTITUTE, MANUAL OF STANDARD PRACTICE.
 - PROVIDE 1" DEEP BY 1/4" WIDE CONTROL JOINTS AT 10 FEET MAXIMUM IN SLABS ON GRADE, FILL JOINT WITH EPOXY BY SONNEMBOHN OR EQUAL. CONTRACTOR TO LOCATE AT A MINIMUM ON GRID LINES AND IN A 1 TO 1.5 MAXIMUM RECTANGLE, CUT AS SOON AS CONCRETE WILL SUPPORT EQUIPMENT.
 - PROVIDE 3/4" CHAMFERS ON ALL EXPOSED EDGES OF CONCRETE.
 - MINIMUM CONCRETE COVER OVER REINFORCEMENT IS AS FOLLOWS, UNLESS NOTED OTHERWISE:
3" CONCRETE CAST AGAINST EARTH
2" CONCRETE EXPOSED TO EARTH OR WEATHER
3/4" INTERIOR CONCRETE SLABS
 - EXPANSION JOINT MATERIAL IS TO COMPLY WITH ASTM D1751 (ASPHALT-SATURATED CELLULOSE FIBER).



HERITAGE CENTER COMMUNITY BUILDING

4616 N Cambells Park Rd
Ellettsville, Indiana



REVISIONS

No.	Date	Description
1		

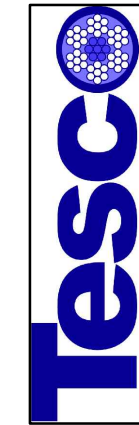
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FOUNDATION PLAN

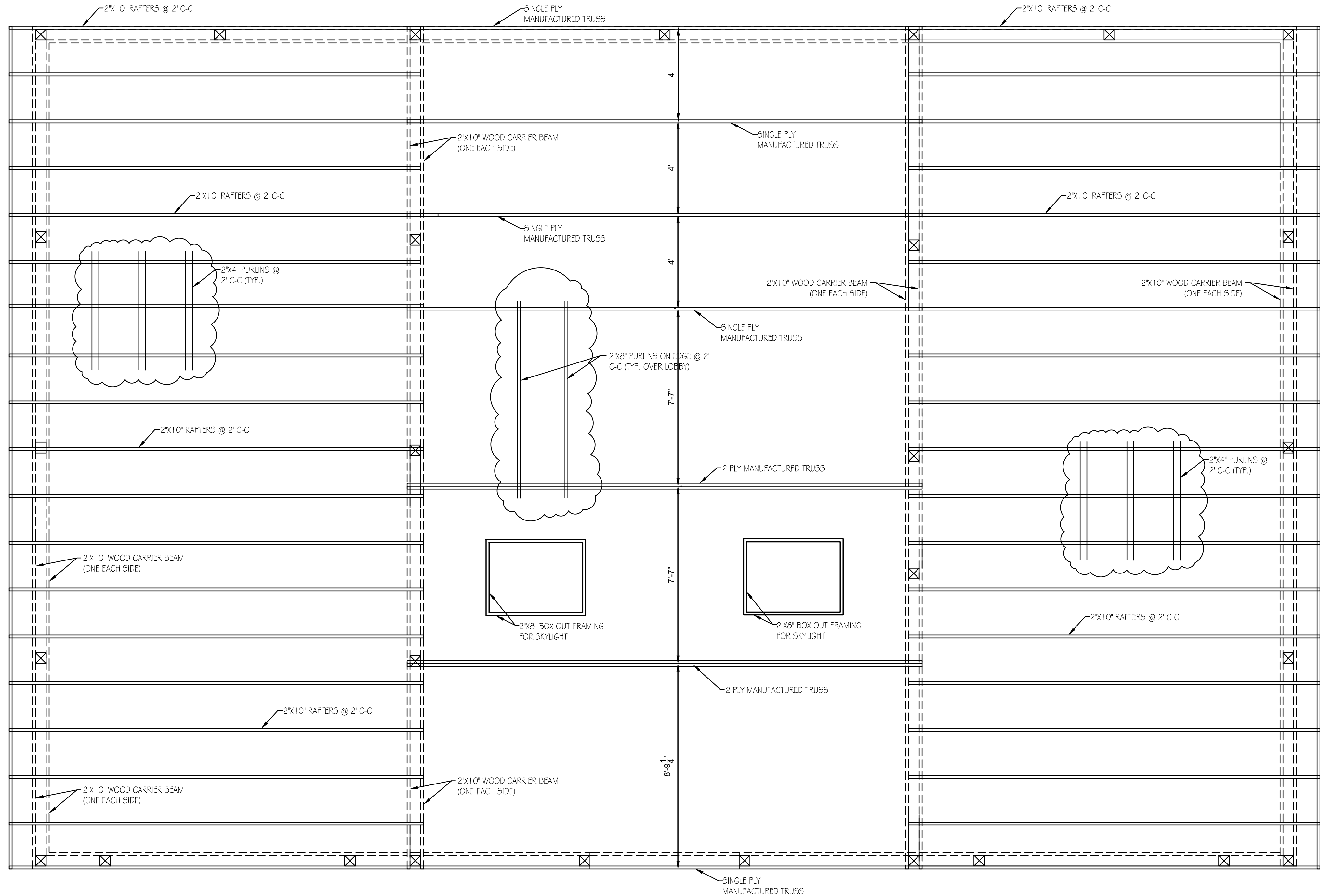
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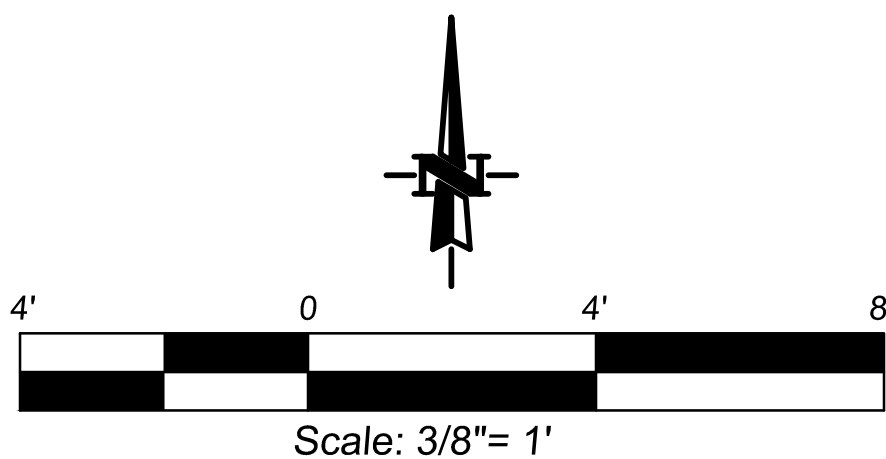
Project No. 24010



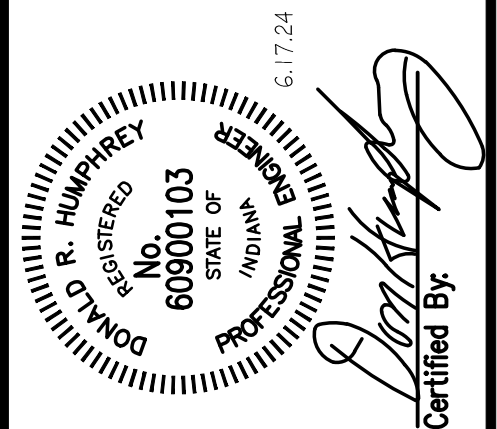
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ROOF FRAMING PLAN
SCALE: 3/8" = 1'



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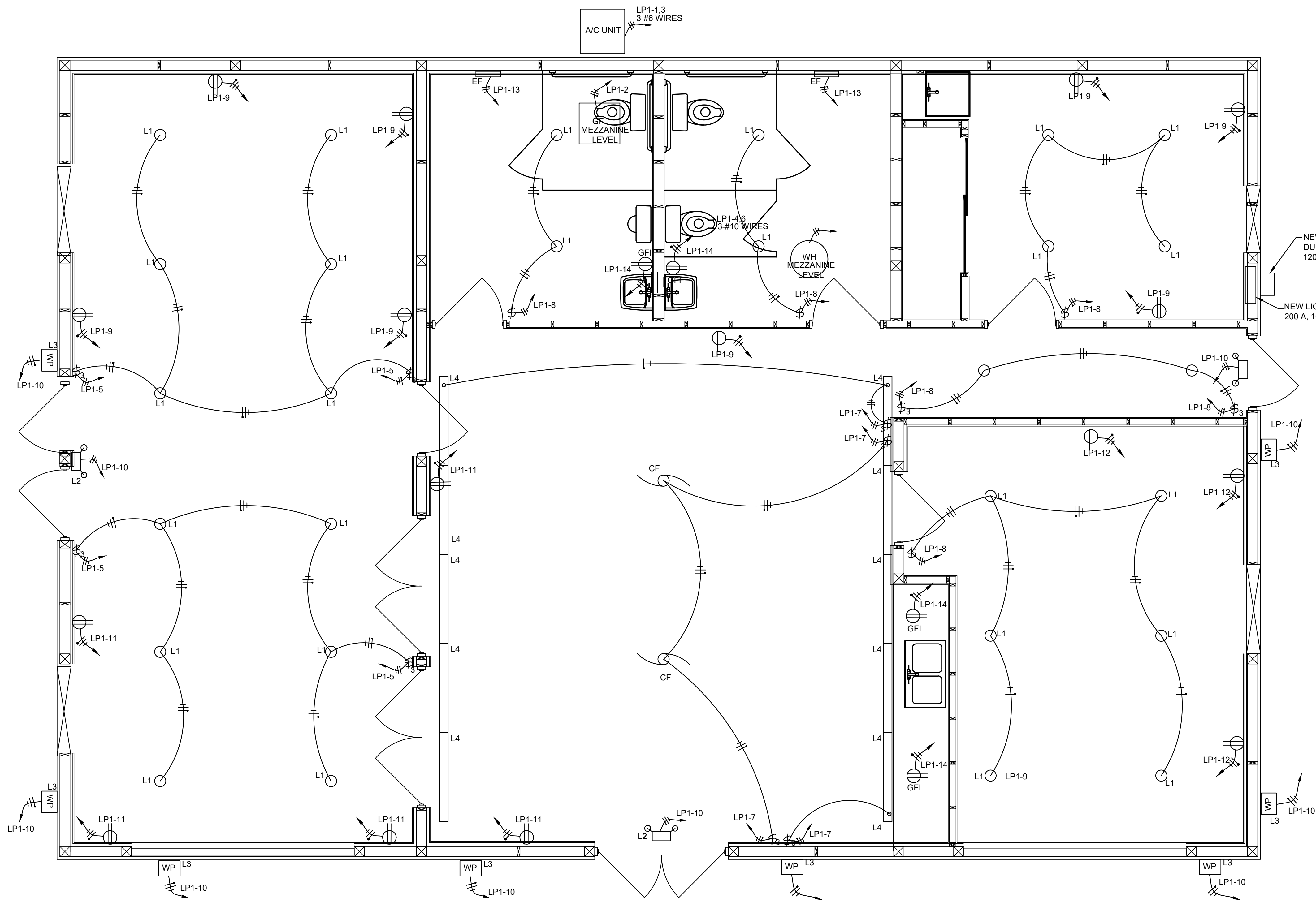


REVISIONS			
No.	Date	Description	
1			

SHEET TITLE:
ROOF FRAMING PLAN

SHEET NUMBER:
S101

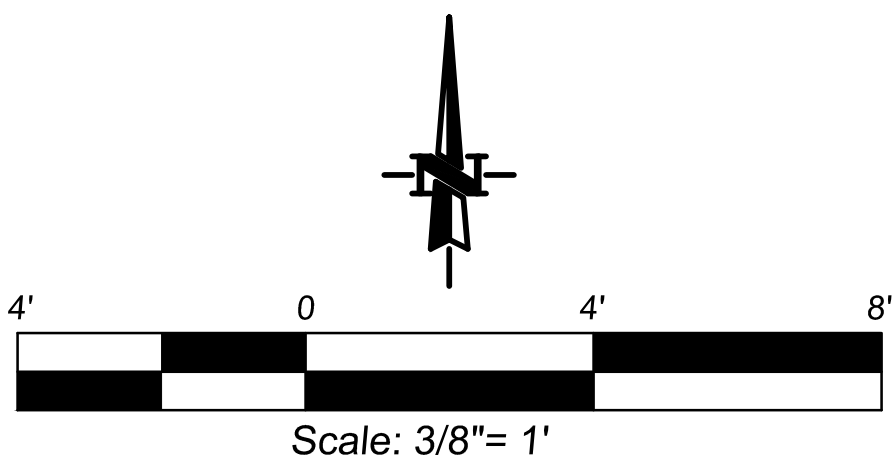
Project No. 24010



ELECTRICAL POWER AND LIGHTING SYMBOLS

- L1 LED FIXTURE W/ MOTION SENSOR (REFER TO LIGHT FIXTURE SCHEDULE)
- L1 HIGH BAY LED FIXTURE W/ MOTION SENSOR & BATTERY BACKUP (REFER TO LIGHT FIXTURE SCHEDULE)
- L2 WP WALL MOUNTED EXTERIOR WALL PACK LIGHT FIXTURE (REFER TO LIGHT FIXTURE SCHEDULE)
- L3 EMERGENCY EXIT LIGHTING
- \$ SINGLE POLE LIGHT SWITCH (MOUNTED 48" A.F.F.)
- \$3 SINGLE POLE 3-WAY LIGHT SWITCH (MOUNTED 48" A.F.F.)
- 120 V CIRCUITS: - HOT WIRE, - NEUTRAL, - GROUND
- 20A DUPLEX RECEPTACLE (MOUNTED 18" A.F.F.)
- 4 GFI 20A QUAD RECEPTACLE (MOUNTED 18" A.F.F.) (GROUND FAULT INTERRUPTING)

ELECTRICAL POWER & LIGHTING PLAN
SCALE: 3/8" = 1'

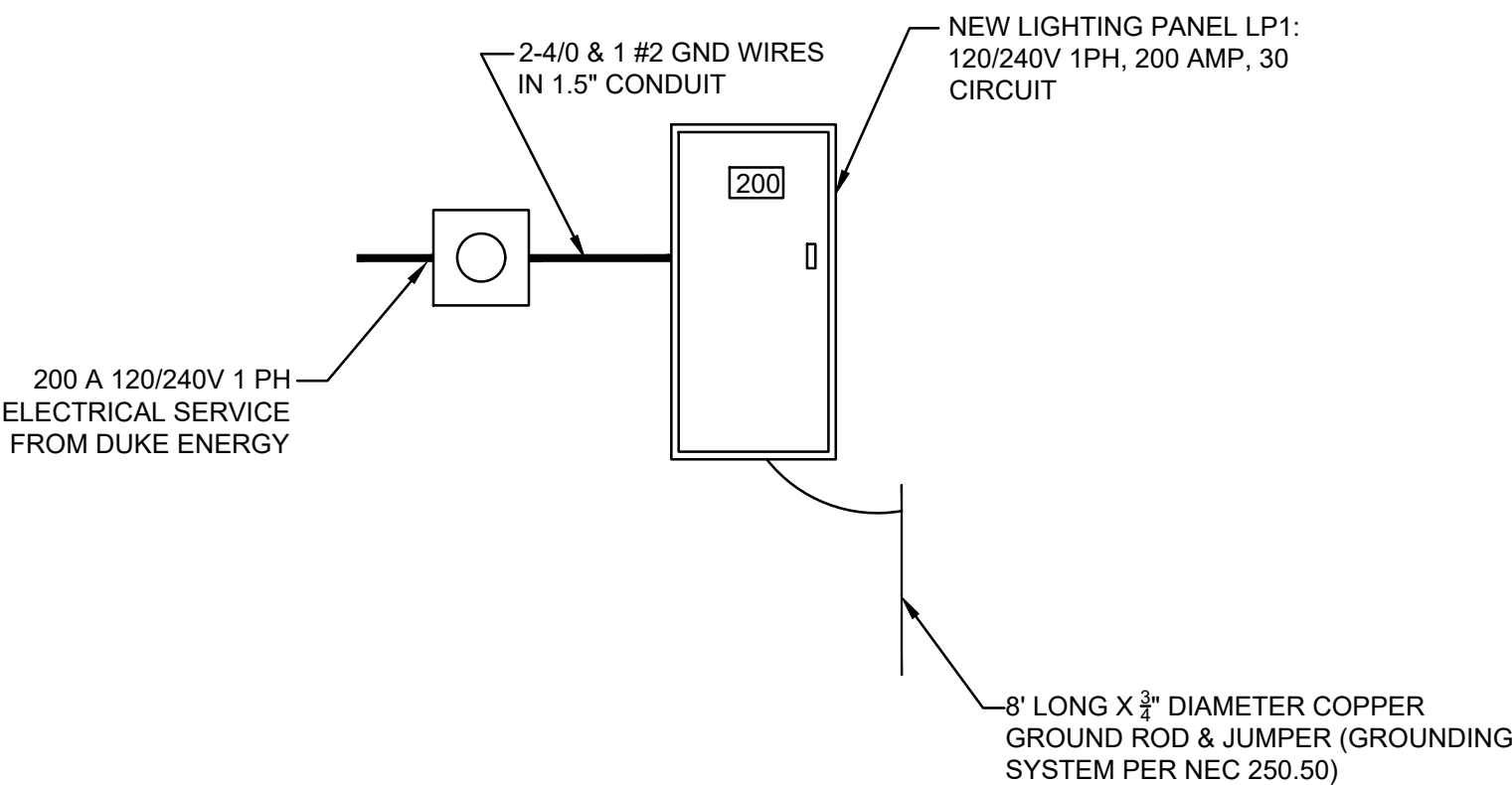


POWER DISTRIBUTION PANEL SCHEDULE										
AMP : 200		VOLT : 120/240		PH. 1		PANEL : LP1				
WIRE : 2 - 4/0 & 1 #2 GND				MAIN : 200A M.C.B.						
DESCRIPTION		CIR.	POLE	TRIP			TRIP	POLE	CIR.	DESCRIPTION
A/C UNIT		1	2	50			20	1	2	GAS FURNACE (GF)
A/C UNIT		3	2	50			30	2	4	WATER HEATER (WH)
LIGHTING		5	1	20			30	2	6	WATER HEATER
LIGHTING		7	1	20			30	2	8	LIGHTING
RECEPTACLES		9	1	20			20	1	10	EMERGENCY LIGHTING
RECEPTACLES		11	1	20			20	1	12	RECEPTACLES
BATHROOM EXHAUST FANS		13	1	20			20	1	14	GFI RECEPTACLES
SPARE		15	1	20			20	1	16	SPARE
SPARE		17	1	20			20	1	18	SPARE
SPACE		19	1	20			20	1	20	SPACE
SPACE		21	1	20			20	1	22	SPACE
SPACE		23	1	20			20	1	24	SPACE
SPACE		25	1	20			20	1	26	SPACE
SPACE		27	1	20			20	1	28	SPACE
SPACE		29	1	20			20	1	30	SPACE

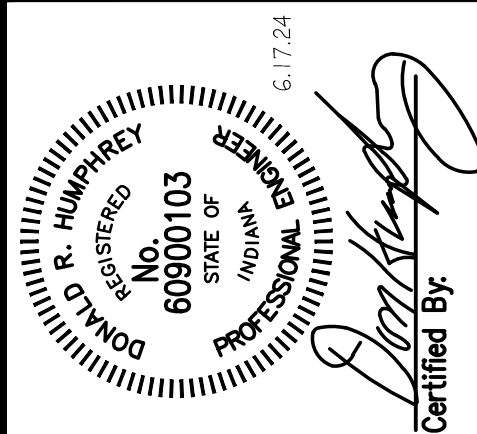
LIGHT FIXTURE SCHEDULE			
TYPE	VOLTS	MOUNTING	DESCRIPTION
L1	120	CEILING	RECESSED CAN TYPE LIGHT FIXTURES WITH LED LAMPS, 750 LUMENS (7.8 WATTS), 120V 1 PHASE. FIXTURES TO BE HALO MODEL H750ICAT SERIES
L2	120	WALL OR CEILING	EMERGENCY EXIT LIGHTING - INCLUDES LIGHTED "EXIT" SIGN AND TWO LAMP HEADS WITH 6 WATT INCANDESCENT LAMPS. LIGHT PACK TO INCLUDE BATTERY BACKUP W/ MINIMUM OF 90 MINUTES LIFE. LITHONIA MODEL ELM2L OR EQUAL
L3	120	WALL	WALL MOUNTED OUTDOOR FIXTURES WITH LED LAMPS (4,200 LUMENS, 32 WATTS, 120 VOLT). LIGHTS TO INCLUDE INTEGRAL PHOTOCELL. LITHONIA LIGHTING MODEL TWX2
L4	120	CEILING	CEILING MOUNTED LED STRIP LIGHTING. 4' LONG SECTIONS 9 4,000 LUMENS, 51 W PER SECTION), 120 VOLT. LITHONIA LIGHTING MODEL MNSS
EF	120	WALL	WALL MOUNTED EXHAUST FAN WITH THROUGH WALL MOUNTING ASSEMBLY AND GRILL. 200 CFM MINIMUM EXHAUST RATE, 120V 1 PHASE. FANS TO BE BROAN MODEL 509 OR EQUAL.
CF	120	CEILING	54" CEILING FAN WITH ONE 22 WATT LED BULB

NOTE: PROVIDE ALL LIGHTING FIXTURES WITH NECESSARY MOUNTING BRACKETS AND WIRING ACCESSORIES.

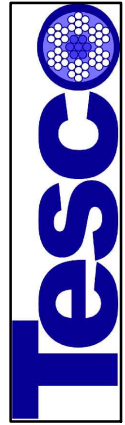
CIRCUIT BREAKER AIC RATINGS:
ALL CIRCUIT BREAKERS SHALL HAVE A MINIMUM INTERRUPTING CAPACITY RATING OF 20 KAIC



ELECTRICAL POWER 1-LINE DIAGRAM
SCALE: NTS



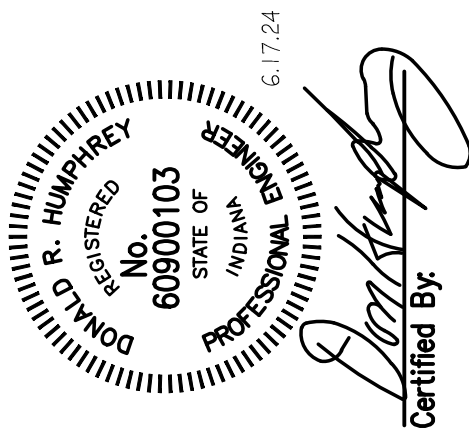
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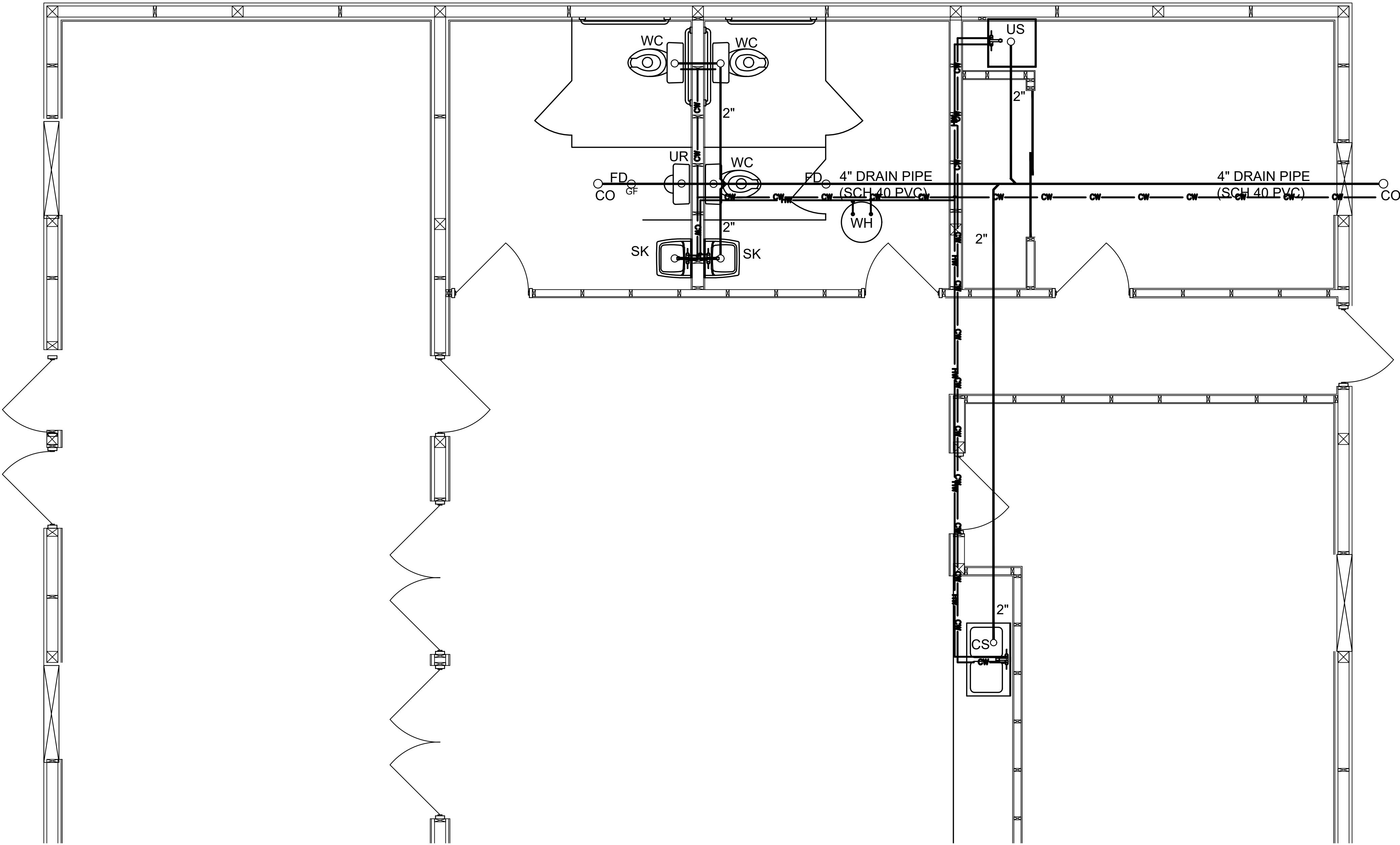
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No.	Date	Description

SHEET TITLE:
PLUMBING PLAN

SHEET NUMBER:
P100

Project No. 24010



BUILDING PLUMBING PLAN
SCALE: 3/8"=1'

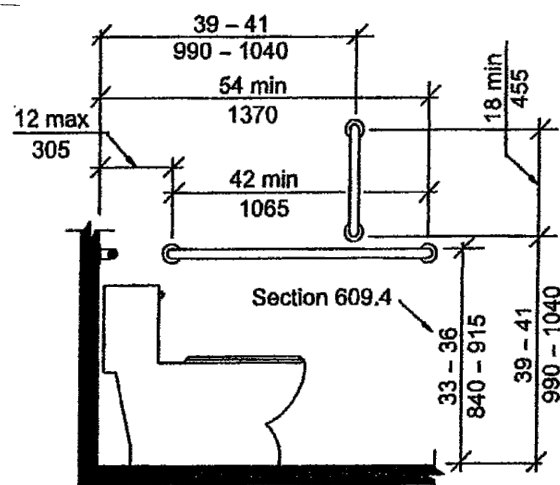


Fig. 604.5.1
Side Wall Grab Bar for Water Closet

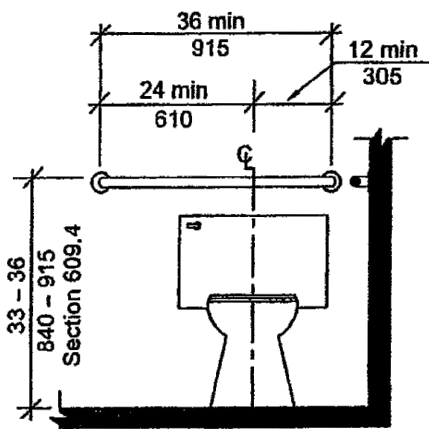


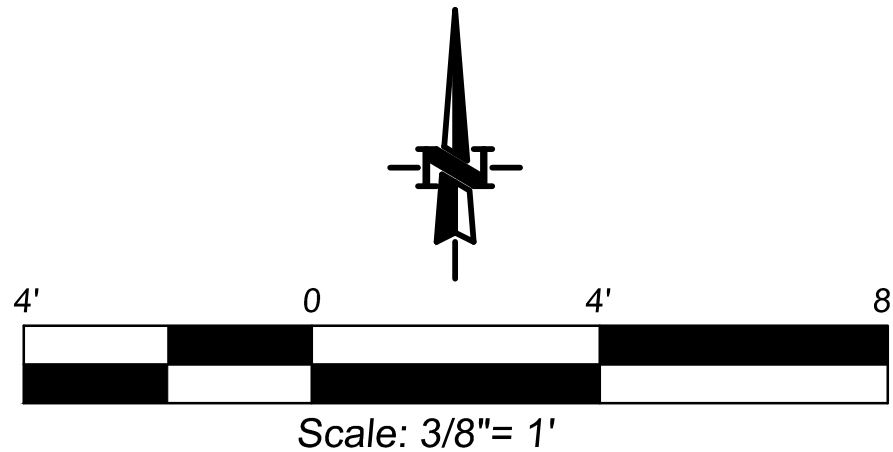
Fig. 604.5.2
Rear Wall Grab Bar for Water Closet

HANDICAP FIXTURE DETAILS
SCALE: NOT TO SCALE

PLUMBING FIXTURE SCHEDULE							
TAG	DESCRIPTION	MANUFACTURER	ROUGH-IN SIZES				REMARKS
			WASTE	VENT	H.W.	C.W.	
WH	ELECTRIC WATER HEATER	AO SMITH SIGNATURE 100 SERIES	N/A	N/A	3/4"	3/4"	FLOOR MOUNTED SHORT ELECTRIC HEATER, W/ DUAL 4500W ELEMENTS, 30 GALLON, 120V PH UNIT. UNIT TO BE MOUNTED ON MEZZANINE ABOVE
CO	CLEANOUT	ZURN, JR SMITH OR EQUAL	3"	15"	N/A	N/A	ADJUSTABLE TYPE WITH NICKEL BRONZE COVER AND PVC BODY, WITH P-TRAP AND STRAINER
WC	FLOOR MOUNTED WATER CLOSET	KOHLER, AMERICAN STANDARD OR EQUAL	3"	15"	N/A	1/2"	VITREOUS CHINA, WHITE, TWO PIECE, 128 GPF, MAX. HEIGHT AT 15" A.F.F.
SK	LAVORATORY SINK	AMERICAN STANDARD OR EQUAL	2"	15"	1/2"	1/2"	20"x17" OVAL VITREOUS CHINA, WHITE, DROP IN TYPE WITH CHROME FINISHED DUAL HANDLE FAUCET. PROVIDE FLOOR MOUNTED CABINET.
CS	COUNTERTOP SINK	ELKAY DAYTON COLLECTION	2"	15"	1/2"	1/2"	33"x22"x8" DEEP 50/50 DOUBLE BOWL STAINLESS STEEL SINK WITH CHROME FINISHED DUAL HANDLE FAUCET.
FD	FLOOR DRAIN	ZURN, JR SMITH OR EQUAL	3"	N/A	N/A	N/A	ADJUSTABLE TYPE WITH NICKEL BRONZE COVER AND PVC BODY, WITH P-TRAP AND STRAINER
US	UTILITY SINK	MUSTEE MODEL 19CF OR EQUAL	2"	N/A	1/2"	1/2"	24"x24"x13" ONE PIECE MOLDED POLYPROPYLENE UTILITY SINK WITH LEGS & BASIN DRAIN, 34" OVERALL HEIGHT.
UR	URINAL	AMERICAN STANDARD "WASH-BROOK" OR EQUAL	2"	15"	N/A	1/2"	WALL MOUNTED WHITE VITREOUS CHINE, W/ SLOAN FLUSH VALVE

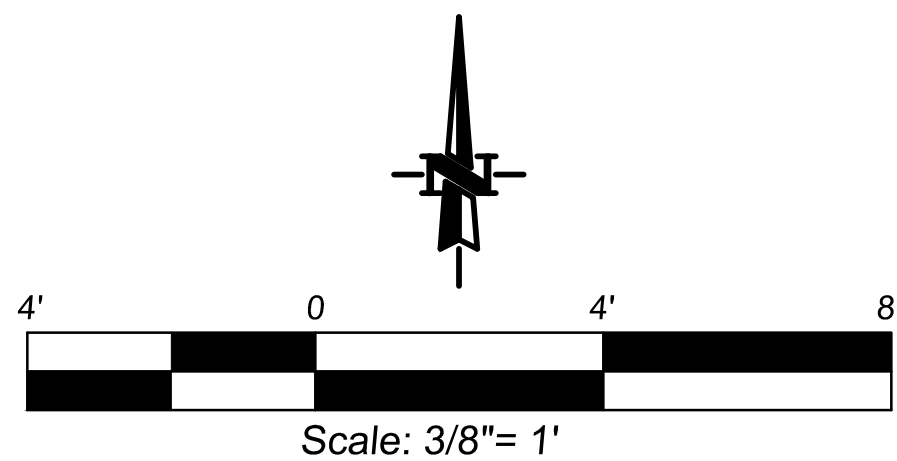
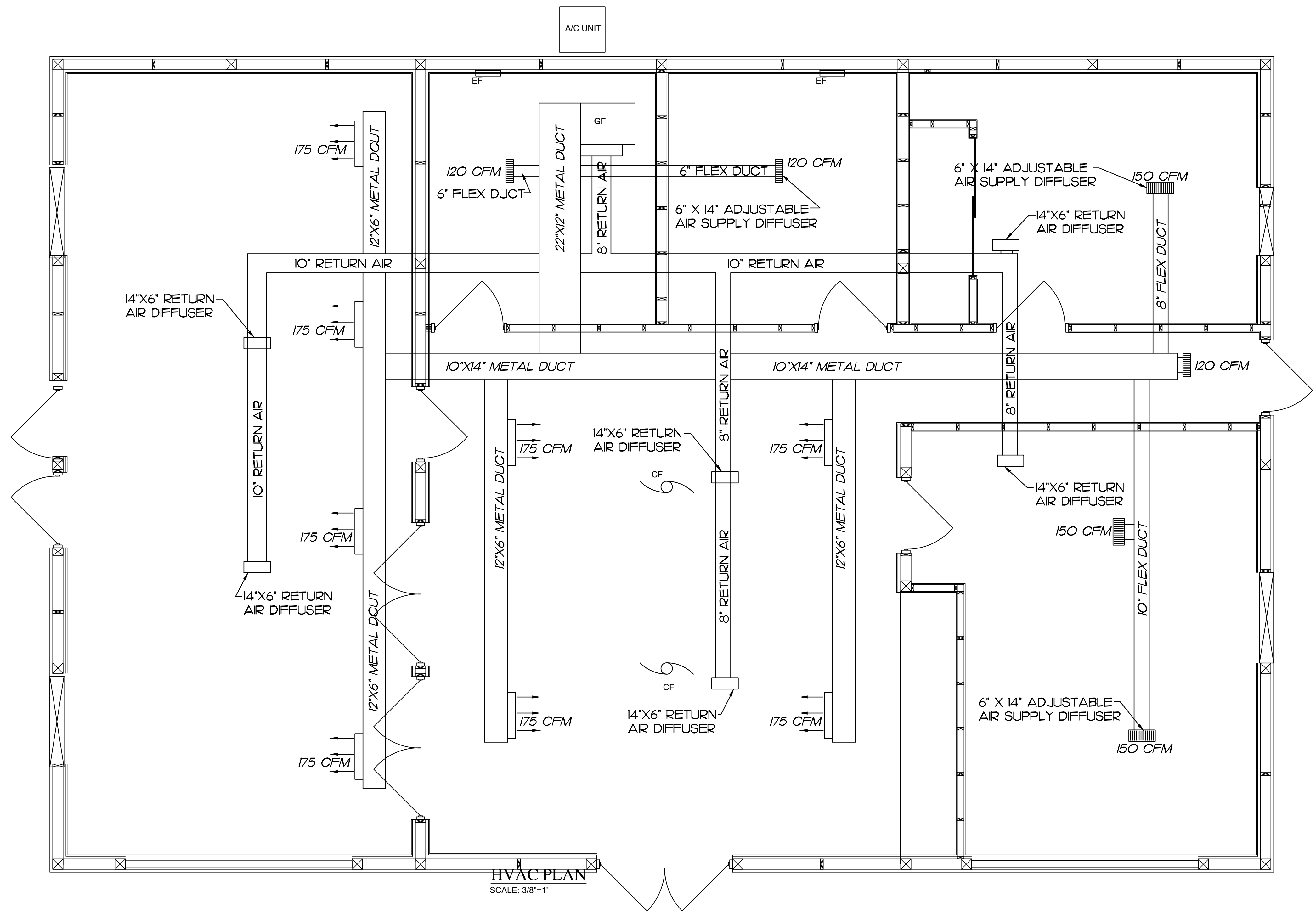
BUILDING PLUMBING NOTES:

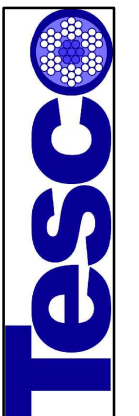
- ALL PLUMBING AND DRAIN PIPING TO BE SCHEDULE 40 PVC WITH GASKETED JOINTS INSTALLED UNDER SLAB.
- ALL RESTROOM FIXTURES TO MEET ADA REQUIREMENTS WITH REGARD TO TYPE AND HEIGHT.
- INSTALL METAL GRAB BARS (HORIZONTAL & VERTICAL) AS REQUIRED FOR ADA COMPLIANCE. SEE DIMENSIONING DETAIL THIS SHEET.
- THE WALL MATERIAL BEHIND THE BATHROOM FIXTURES SHALL BE A MOISTURE RESISTANT MATERIAL SUCH AS "GREEN BOARD" OR CEMENT BOARD TO A MINIMUM HEIGHT OF 4'.
- PROVIDE 1", 3/2" & 3/4" PEX TUBING FOR COLD WATER AND HOT WATER SUPPLY TO NEW FIXTURES.



Scale: 3/8"= 1'

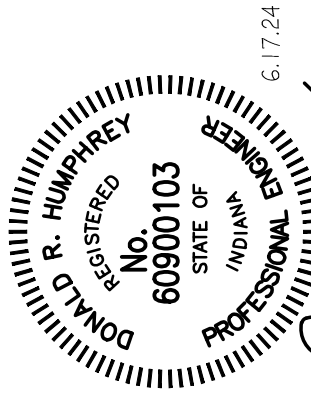
MECHANICAL EQUIPMENT SCHEDULE			
MARK NO.	DESCRIPTION	MFR/MODEL	REMARKS
GF-1	GAS FURNACE	DUCANE SERIES 96G2E	TWO STAGE GAS FURNACE, 96% EFFICIENCY, SINGLE SPEED MOTOR, 105,000 BTU, 2065 CFM BLOWER
AC-1	A/C UNIT	DUCANE SERIES 4AC17L	16 SEER, 230V 1PH, ELECTRICAL SUPPLY, 6 TON, DENSE GRILL & ALUMINUM TUBE COIL A/C UNIT WITH PURON REFRIGERANT





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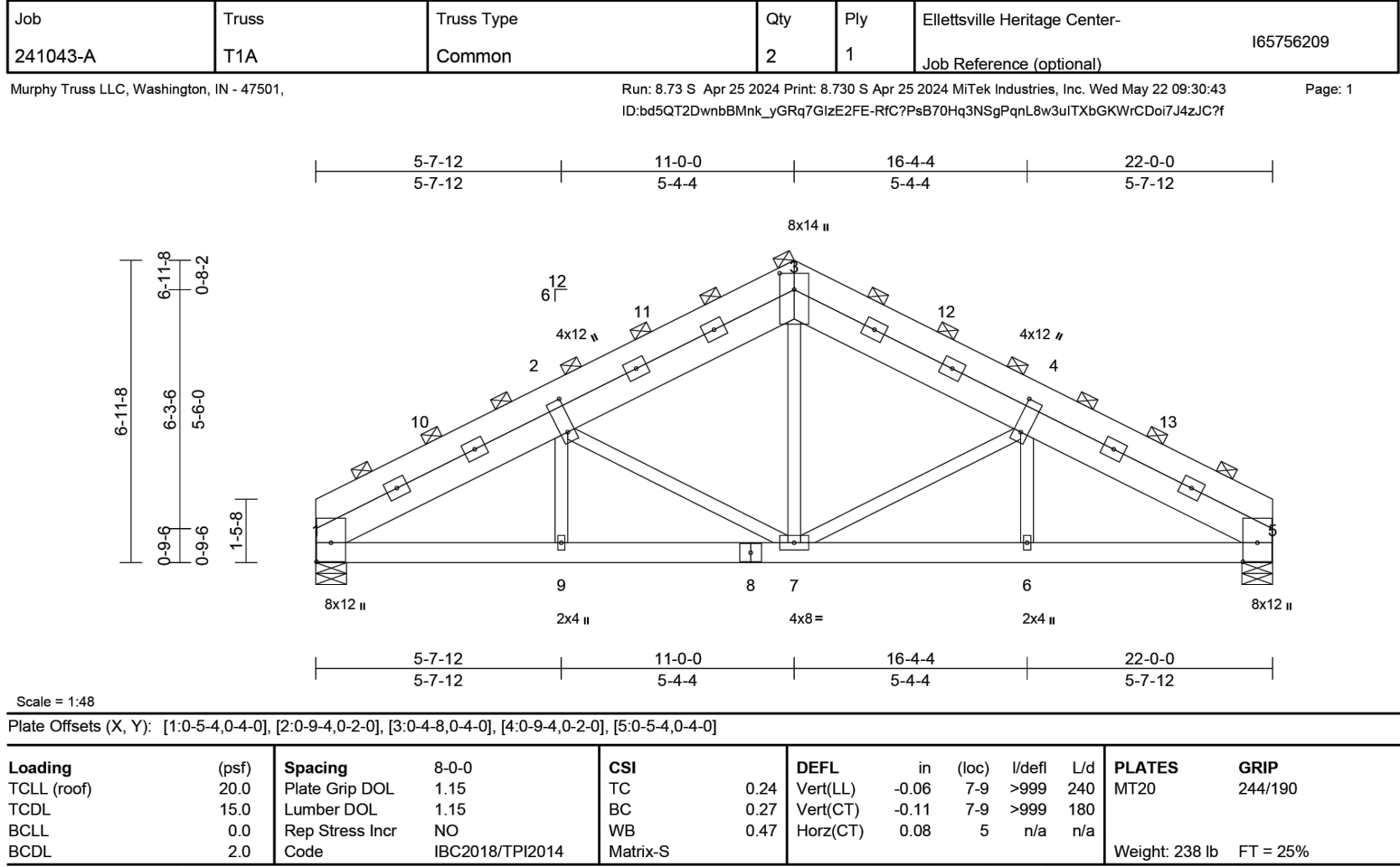
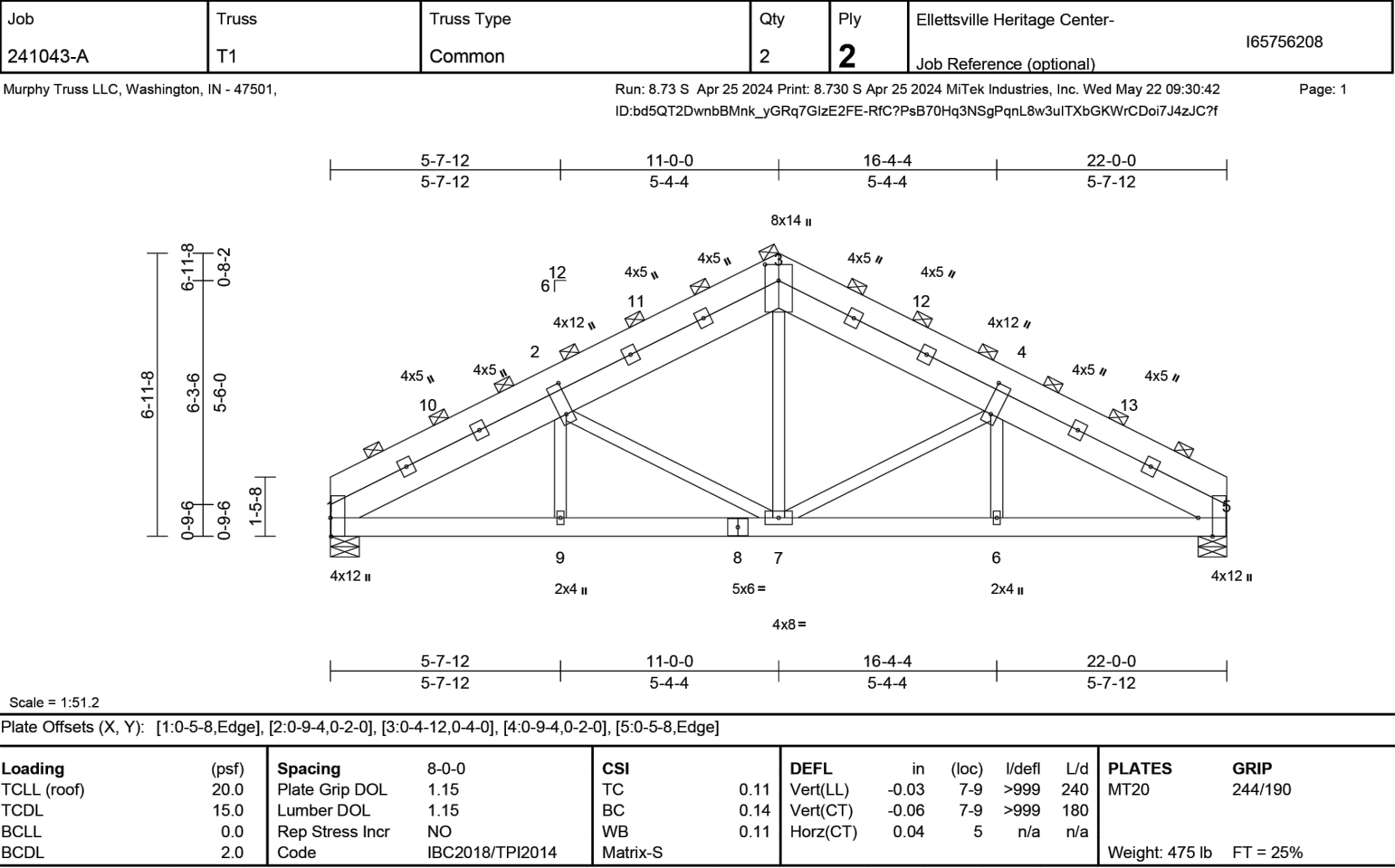
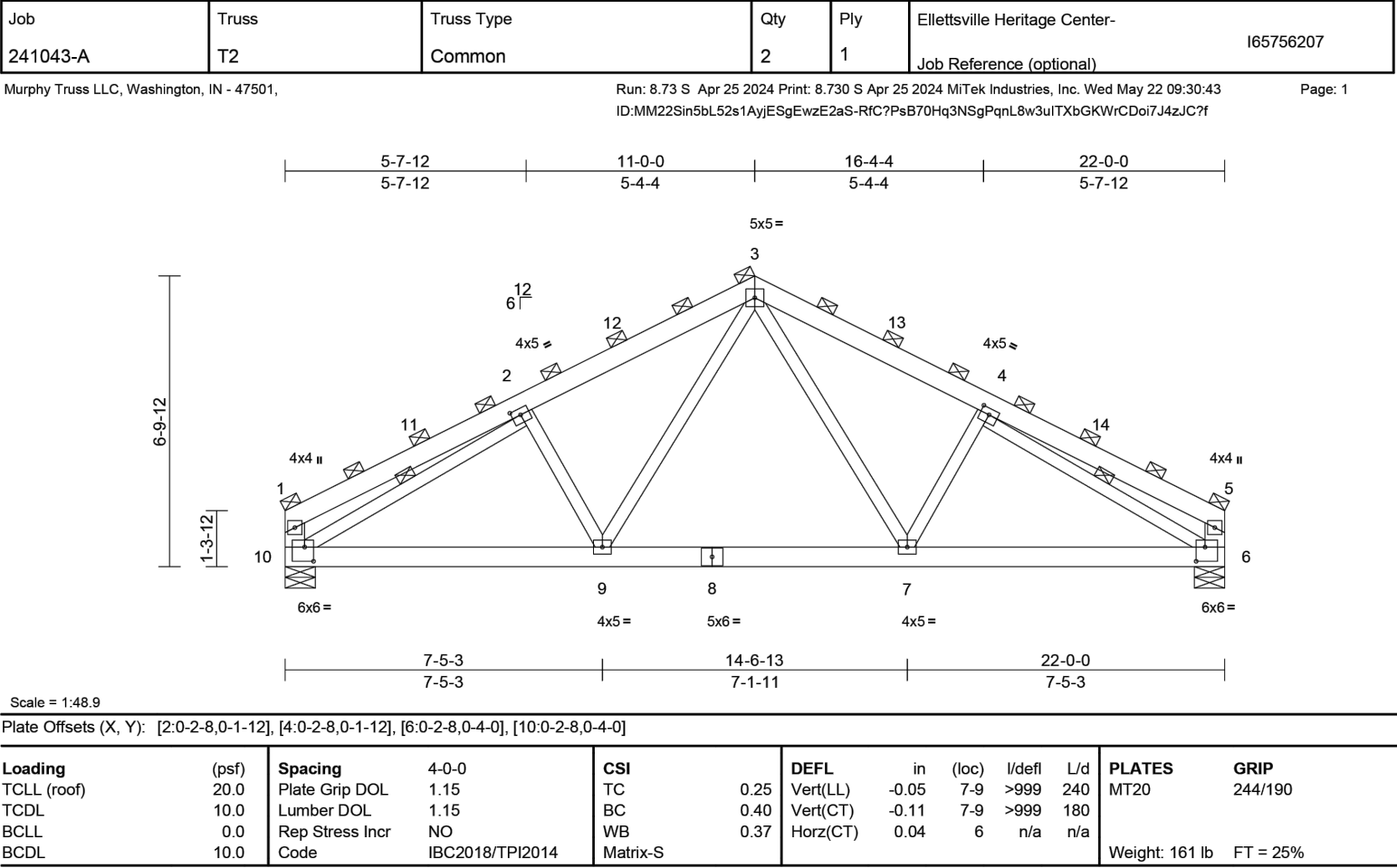
Certified By: 

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No.	Date	Description		

SHEET TITLE:
MECHANICAL & HVAC
PLAN

SHEET NUMBER:
M100

Project No. 24010



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 rev. 1/2/2023 BEFORE USE.

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Symbols

PLATE LOCATION AND ORIENTATION

Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.

For 4 x 2 orientation, locate plates 0 - 1/4" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

* Plate location details available in Mitek software or upon request.

PLATE SIZE

4 x 4

The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION

Indicated by symbol shown and/or by text in the bracing section of the output. Use T or L bracing if indicated.

BEARING

Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number/letter where bearings occur. Min size shown is for crushing only.

Industry Standards:
ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-22: Design Standard for Bracing, Building Component Safety Information, Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses.

Numbering System

dimensions shown in ft-in-sixteenths (Drawings not to scale)

1 2 3 Joint ID type

TOP CHORDS

WEBS

BOTTOM CHORDS

8 7 6 5

JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

Product Code Approvals

ICC-ES Reports:

ESR-1988, ESR-2362, ESR-2685, ESR-3282
ESR-4722, ESL-1388

Design General Notes

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3. These truss designs rely on lumber values established by others.

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Mitek Engineering Reference Sheet: MI-7473 rev. 1/2/2023

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS1.
- Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral forces themselves may require bracing, or alternative Tor 1 bracing should be considered.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.
- Place plates on each face of truss at each joint and embed fully. Knots and voids at joint locations are regulated by ANSI/TPI 1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purins provided at spacing indicated on design.
- Bottom chords require lateral bracing at 10 ft spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of an engineer.
- Install and load vertically unless indicated otherwise.
- Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
- Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
- Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.
- The design does not take into account any dynamic or other loads other than those expressly stated.

REVISIONS

No.	Date	Description
1		

SHEET TITLE:
PREFABRICATED
TRUSS DRAWINGS

SHEET NUMBER:
1 OF 1

Project No. 24010