

ARCHITECTURAL AND STRUCTURAL DRAWING OF

30' x 30' ARCHED HOUSE

SCOPE OF WORK: ARCHITECTURAL AND STRUCTURAL DRAWING OF 30' x 30' ARCHED HOUSE.

OCCUPANCY: RESIDENTIAL HOUSE

CONSTRUCTION TYPE: SINGLE FAMILY RESIDENTIAL STRUCTURE

BUILDING MATERIAL: CONCRETE AND WOODEN STRUCTURE

APPLICABLE CODES: ADA STANDARDS 2015
2018 INTERNATIONAL BUILDING

CODE (IBC) 2018 INTERNATIONAL RESIDENTIAL

CODE (IRC) 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

AREA OF HOUSE: 900 SQFT

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GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONSTRUCTION DOCUMENTS AND SHALL AT ONCE REPORT TO OWNERS REPRESENTATIVE ANY ERROR, INCONSISTENCY, OR OMISSION HE/SHE MAY DISCOVER CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK AT ANY TIME WITHOUT CONSTRUCTION DOCUMENTS, OR WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES FOR SUCH PORTION OF THE WORK. THE TERM "OWNER HEREIN REFERS TO THE PARTY TO WHICH THE GENERAL CONTRACTOR HAS CONTRACTED WITH TO PERFORM THE WORK
- THE CONTRACTOR, IMMEDIATELY UPON APPROVAL OF CONSTRUCTION PRICING, SHALL PREPARE AND SUBMIT FOR THE OWNER INFORMATION AN ESTIMATED PROGRESS SCHEDULE FOR THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR SHALL MAINTAIN AT THE SITE FOR ARCHITECT, ONE RECORD COPY OF ALL DRAWINGS, SPECIFICATIONS, ADDENDA, CHANGE ORDERS AND OTHER MODIFICATIONS, IN GOOD ORDER AND MARKED CURRENTLY TO RECORD ALL CHANGES MADE DURING CONSTRUCTION, AND APPROVED SHOP DRAWINGS, PRODUCT DATA AND SAMPLES.
- EACH CONTRACTOR/SUBCONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP AND REMOVAL OF DEBRIS AS RELATED TO HIS TRADE. SPACE SHALL BE LEFT CLEAN AND READY FOR NEXT TRADE. AT FINAL PHASE CONTRACTOR SHALL LEAVE AREA CLEAN FOR OWNER MOVE-IN.
- WALL CONSTRUCTION DIMENSIONS ARE FROM FINISH FACE TO FINISH PACE UNO. CONTRACTOR SHALL COMPENSATE FOR SUCH WHEN LAYING OUT OR MEASURING FOR CHALK LINES.
- ELECTRICAL OUTLETS ARE DIMENSIONS FROM FACE OF WALL TO CENTERLINE OF LOCATION; UNO
- CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING CONTRACTORS BEST SKILL AND ATTENTION. CONTRACTOR TO BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND SHALL COORDINATE ALL PORTIONS OF THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE TO OWNER FOR THE ACTS AND OMISSIONS OF THE CONTRACTOR'S EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH CONTRACTOR.
- TYPICAL MEANS TYPICAL FOR ALL SIMILAR CONDITIONS UNO.
- ALL GYPSUM BOARD PARTITION RETURNS SHALL HAVE METAL L CORNER BEADS FLOOR TO CEILING.
- ALIGN MEANS SIMILAR COMPONENTS OF CONSTRUCTION (EG, WALLS JAMBS, ETC.) SHALL ALIGN ACROSS VOIDS OR WITH EXISTING WALL 23.GENERAL CONTRACTOR TO COORDINATE KEYING SYSTEM WITH CANER.
- ANY ACCESS OR PENETRATION IN SOUND INSULATED PORTION OF WALLS BY PIPES, DUCTS AND OTHER ELEMENTS IN THE PLENUM IS TO BE SEALED OFF TO PREVENT SOUND TRANSMISSION.
- CONTRACTOR IS TO PROVIDE ADDITIONAL ANCHORING AND/OR BLOCKING IN STUD PARTITIONS AS NECESSARY. CONTRACTOR SHALL FLASH PATCH AREAS WHERE FLOOR IS ROUGH AND CRACKED PRIOR TO INSTALLATION OF FLOORING AND IS TO REMOVE ALL OBSTRUCTIONS, AND IS TO PROVIDE AN EVEN FLOOR IN TIME FOR SCHEDULED FLOORING INSTALLATION.
- SLAB IS NOT TO EXCEED A 1/8" SLOPE PER EVERY 10-0 UNDER ALL MILLWORK
- ALL WALL ANGLES ARE EITHER 40 DEGREES OR 45 DEGREES U.N.O.
- ALL REQUIRED FIRE PROOFING IS TO BE UL. APPROVED.



ST-05	FLOOR FRAMING PLAN
ST-06	ARCHED FRAMED ASSEMBLY
ST-07	END WALL ELEVATIONS
ST-08	FRAMING SECTION DETAIL
ST-09	TYPICAL DETAILS

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

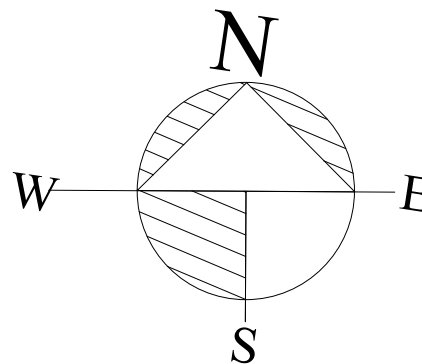
ARCHITECTURAL AND STRUCTURAL DRAWING OF 2 STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

COVER SHEET



DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

REV. NO: 00

SCALE: 3/8" = 1'-0"

DATE: 11-08-2024

SHEET NUMBER:

AA-01

GENERAL REQUIREMENT:

1. Furnish all labor, materials, and equipment necessary to complete the work shown or inferred by these drawings.
2. Where construction details are not shown or noted for any part of the work, such details shall be the same as for similar work shown on the drawings.
3. Notes and details on the drawings take precedence over the general notes and typical details in case of conflict.
4. Locate and protect underground or concealed conduit, plumbing or other utilities where new work is being performed.
5. The contract drawings and specifications represent the finished structure and do not indicate methods, procedures or sequence of construction. The contractor shall take necessary precautions to maintain and insure the integrity of the new and any existing structures during construction. The design stresses shall not be exceeded during construction based on the age of each element. Neither the owner nor Architect/Engineer will enforce safety measure regulations. Contractor shall design, construct and maintain all safety devices, including shoring and bracing for the new and any existing structures and shall be solely responsible for conforming to all local, state and federal safety and health standards, laws and regulations.
6. Obtain prior written approval for any changes to the drawings.
7. The contractor shall review and compare the structural drawings with all other Construction Documents, such as Architectural, Mechanical and Electrical drawings, specifications, etc. Do not scale drawings. The contractor shall verify dimensions, elevations and all information. Report, in writing, any inconsistencies, errors, or omissions to the Architect/Engineer of record before proceeding with the work.
8. All existing constructions are shown schematic only. Contractor is responsible to verify actual conditions and allow for them in his bid. Notify the Architect/Engineer, in writing, in case of any discrepancy between actual conditions and what is shown on the structural drawings before proceeding with the work.
9. See Architectural, Mechanical, Electrical and other drawings for embedded items.
10. All communication shall be in writing. No verbal communications, decisions, instructions or approvals shall be valid.

CONCRETE:

1. All concrete work shall conform to the American Concrete Institute’s Standard Building Code Requirements for Structural Concrete, ACI 318. Place concrete in accordance with ACI 301.
2. Concrete shall develop 28–days minimum compressive strengths of 3,000 PSI.
3. Reinforcing Steel:
 - a). All reinforcing steel shall be ASTM A615 Grade 60.
 - b). Vertical bars shall be doweled to supporting members with the same size and spacing of reinforcement shown in the drawing or general notes.
 - c). Splices shall be 55 bar diameters or 36 inches whichever is greater UON.
4. When air temperature is above 80 degrees Fahrenheit, Hot Weather Concreting, ACI 305R shall apply. When the average air temperature is below 40 degree Fahrenheit, Cold Weather Concreting, ACI 306R shall apply.

WOOD:

GENERAL:

1. All wood exposed to the weather or in contact with concrete or masonry shall be pressure treated or protected with a waterproof membrane. Newly exposed surfaces resulting from field cutting, boring or handling shall be field treated in accordance with AWWPA M–4.
2. Maintain 1/2 inch air space at sides and at ends for beam pockets in concrete or masonry. Minimum bearing is 3 inches UON.
3. Wood framing members, sheathing and combustible materials shall not be placed closer than 2 inches to chimney walls. The gap shall be fire stopped using a minimum of 1 inch thick noncombustible materials, UON.
4. Reference specifications for more requirements.
5. It is required that the contractor keep a copy of the Simpson catalog and/or Simpson Installation Manual on site at all times, and shall be used with the installation process at all Simpson connections.

MATERIALS

STICK FRAMING:

1. All wood Stick Framing shall be Southern pine #2 (S.Pine #2) or better unless otherwise noted on the drawings. Comply with PS 20, American softwood lumber standard and standard grading rules for western lumber. 19%maximum moisture content at time of placement.
2. All wood members shall be stamped showing wood grade and the grading agency.
3. All timbers to be FSC rated.
4. All materials to be low V.O.C. and non–urea formaldehyde.

JOISTS/ RAFTERS:

1. Provide a copy of the manufacturer’s approved ICBO product evaluation reports.
2. Wood joists shall be installed according to the manufacturer recommendations and as shown on drawings. Blocking, web stiffeners and bridging etc. shall be as required by the manufacturer’s approved ICBO product evaluation reports.
3. All joists, ceiling joists and rafters shall have a minimum of 1–1/2 inches bearing at each end on wood or metal, and not less than 3 inches on masonry or concrete. Use approved joist hanger if bearing is not provided.

SHEATHING:

1. All wood structural panels shall be stamped with the appropriate grade trademark of the American Plywood Association (APA).
2. Block structural panel with 2X4 inch flat blocking where noted on roof or floor framing plans. Use ply clips at mid–span of unsupported panel edges.
3. Maintain 1/8” air space between structural panels in walls, floors and roofs at ends and at edges or as specified by the manufacturer.
4. Wood structural panels shall be manufactured using exterior glue and shall be not less than 4X8 feet except at boundaries.

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ARCHED HOUSE

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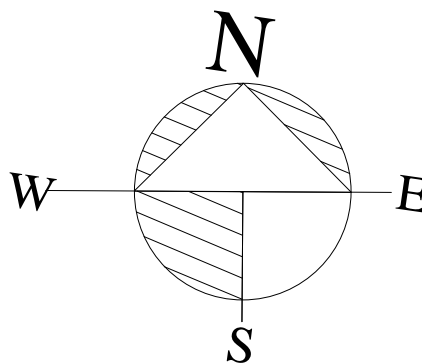
ARCHITECTURAL AND
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GENERAL NOTES



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SCALE: 3/8" = 1'-0"

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AA-02

WOOD CONNECTIONS:

1. It is required that the contractor keep the Simpson catalog and/or Simpson Installation Manual on site at all times. To be used during the installation of all typical Simpson connections.
2. All exposed steel timber hardware, fasteners and connectors shall be galvanized.
3. Connector Hardware model numbers are those for the Simpson—Strong Tie Company. Size and number of nails, screws or bolts to be the maximum specified by the manufacturer UON.
4. Nails shall be common wire unless otherwise noted.
5. Machine nailing: The use of machine nailing is subject to continued satisfactory performance. Panel nails shall be driven so that the heads are flush with the surface of the panel and the minimum panel edge distance is 1/2 inch.
6. Provide anchor or machine bolts per typical details, provide 0.229” thick x 3” x 3” washers for all bolts, anchor bolts and lag bolts, UON
7. Bolts: maintain a distance not less then 7 bolt diameters from the end and 4 diameters from the edge of the member. Bore holes $\frac{1}{32}$ to $\frac{1}{16}$ inch larger than the bolt diameter. All nuts shall be tightened when installed and re–tightened at completion of work or before closing in. Thread projection shall be $\frac{1}{2}$ inch minimum beyond the nut. Use 0.229” thick X 3” X 3” washers, Minimum.
8. Lag screw clearance and lead, pilot, holes shall be bored in two stages as follows: The clearance hole for the shank shall have the same diameter as the shank, and the same depth of penetration as the length of unthreaded shank. The lead hole for the threaded portion shall have diameter equal to 70% of the shank diameter and a length equal to at least the length of the threaded portion.
9. Nailed/screwed or bolted hold–down anchors shall be installed per manufacturer’s approved [ICC or ICBO] product evaluation report. Install hold–downs 3/4 inch minimum above the plate to allow for tightening anchor bolt. The hold–down shall be installed tight to the hold–down post without fillers or dapping. Do not bend hold–down anchors.
10. Connections shall be as detailed on the drawings. If not shown, minimum connections shall be as follows:

a) Joist or rafter to sill or girder, toe nail.....3–16d

b) Bridging to joist, toenail each end.....2–8d

c) Sill plate to joist or blocking, typical, face nail [SN].....16d at 6” o.c.

d) Double top plates:

Lower plate to studs.....3–16d

Top plate to lower plate, face nail.....16d @ 12” O.C.

Top plate to lower plate at lap Splice [4’–0” minimum].....20–16d minimum UON on drawings.

Top plate to lower plate at intersection.....3–16d

e) Stud to sill plate.....6–16d toenails or 3–16d endnail.

f) Double studs, face nail.....16d at 12” o.c.

g) Blocking between joists or rafters to top plate, toenail.....4–16d

h) Continuous header, two pieces.....16d @ 16” o.c. along each edge.

i) Ceiling joists to plate, toenail.....4–16d

j) Continuous header to stud, toenail.....4–8d

k) Ceiling joists, laps over partitions, face nail.....3–16d

l) Ceiling joists to parallel rafters, face nail.....3–16d

m) Built–up corner studs.....16d @ 12” o.c.

n) 5/8” gyp. Sheathing to studs, sill plates & top plates.....8d @ 4” O.C. @ 3/8” from all panel edges and 8” O.C. @ intermediate supports.

o) For stick framing construction structural sheathing could be fastened to structural members using 16 gauge wire staples two inches long. Staples shall have a minimum of $\frac{7}{16}$ ” diameter crown width. For roof and floor, staple spacing shall be per plan. For shear wall, spacing should be per shear wall schedule.

p) Staples for structural insulated panels, sips shall be per sips notes.

q) NOTES: REF: To the above Building Code.

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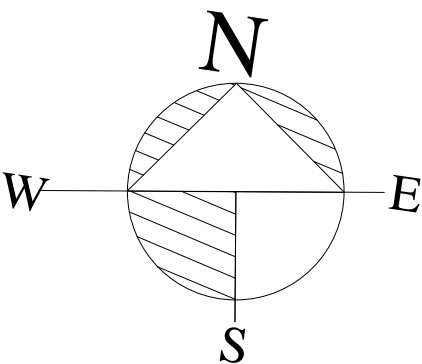
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AA-02A

CODES AND LOADS

1. All material and construction work for this project shall confirm to the 2018 International Building Code with local amendments.
2. The International Building Code Parameters
 - Roof Dead Load = 5 Psf
 - Roof Live Load = 20 Psf
 - Seismic Occupancy Category = II
 - Seismic Design Category = C
 - R, response modification coefficient = 1.25
 - Ultimate wind speed, V=115 mph
 - Exposure = CCategory = II
 - Floor Dead Load = 15 Psf
 - Floor Live Load = 40 Psf
 - Loft Dead Load = 10 Psf
 - Loft Live Load = 30 Psf
 - Ss = 0.307S1 = 0.095Sms = 0.477
 - Sm1 = 0.288Sds = 0.152

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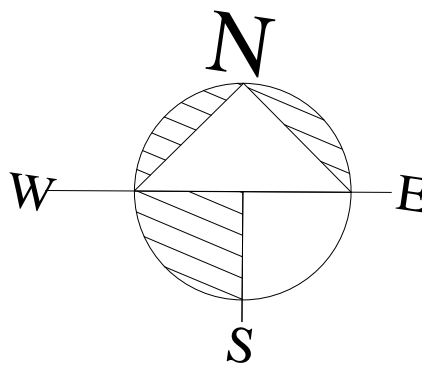
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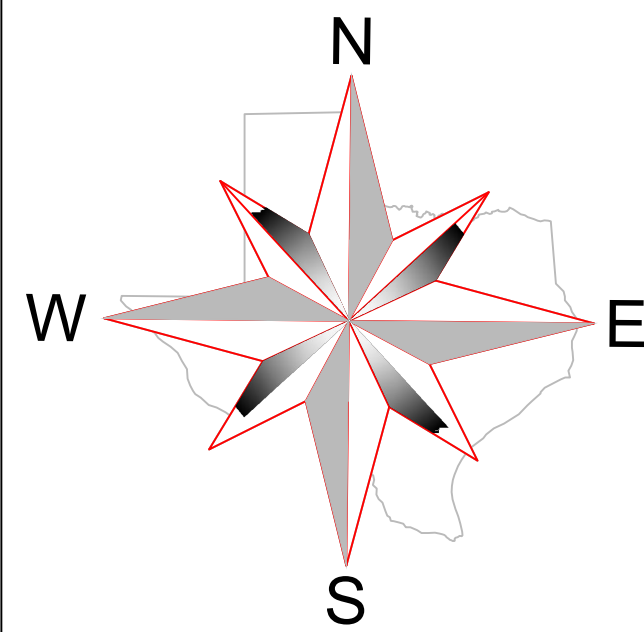
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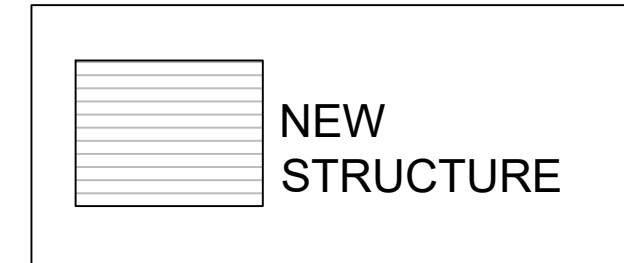
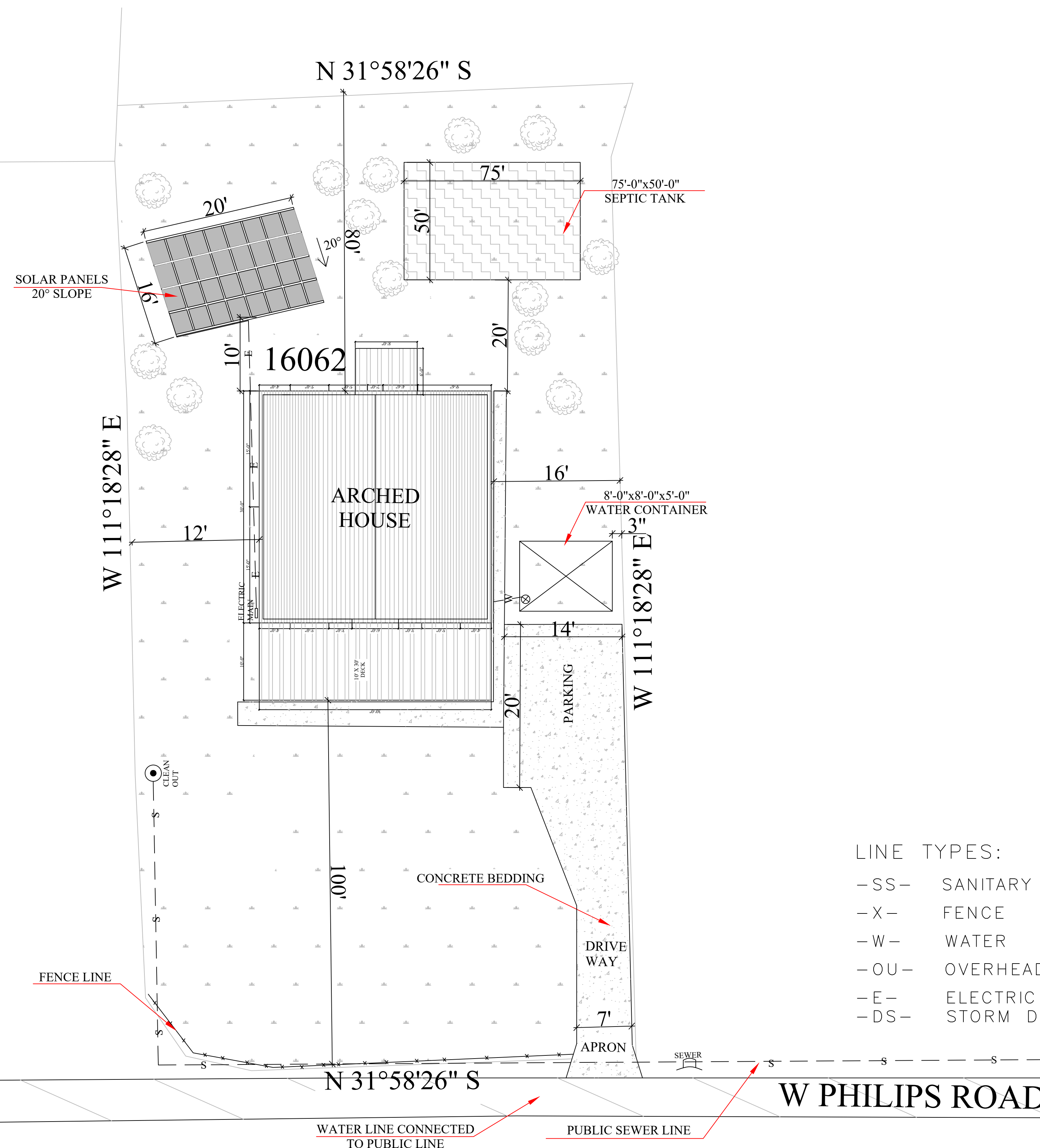
AA-02B



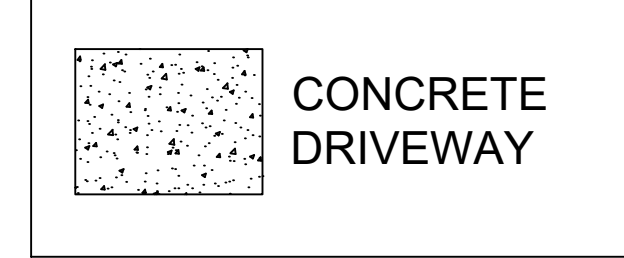
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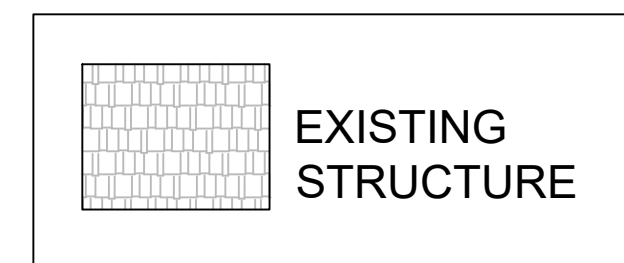
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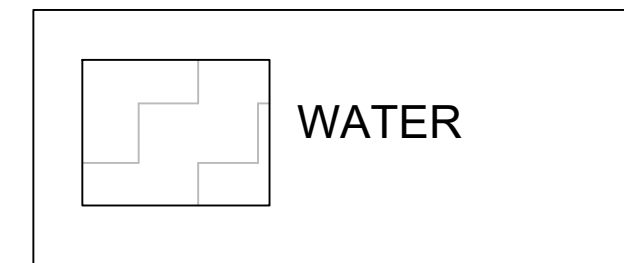
NEW
STRUCTURE



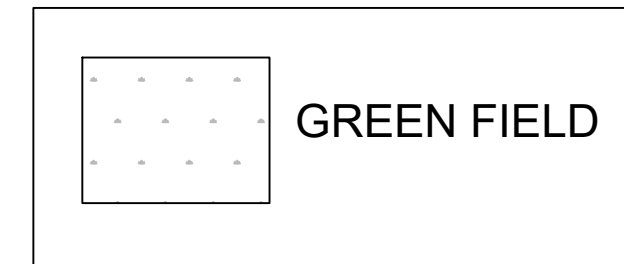
CONCRETE
DRIVEWAY



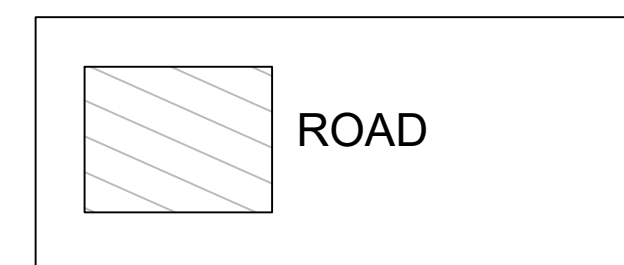
EXISTING
STRUCTURE



WATER



GREEN FIELD



ROAD



TREE LEGEND

SYMBOLS:

- NEW IRON PIPE
- WATER METER
- ADDRESS
- UTILITY POLE
- ELECTRIC MAIN
- SANITARY SEWER
- CLEAN OUT

LINE TYPES:

- SS- SANITARY SEWAGE
- X- FENCE
- W- WATER
- OU- OVERHEAD UTILITY
- E- ELECTRIC LINE
- DS- STORM DRAINAGE
- DB DEED BOOK
- PG PAGE
- S.F SQUARE FEET
- EX. EXISTING
- BG BELOW GROUND
- S/W SIDE WALK

ABBREVIATIONS:

W PHILIPS ROAD

W PHILIPS ROAD

SITE PLAN

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

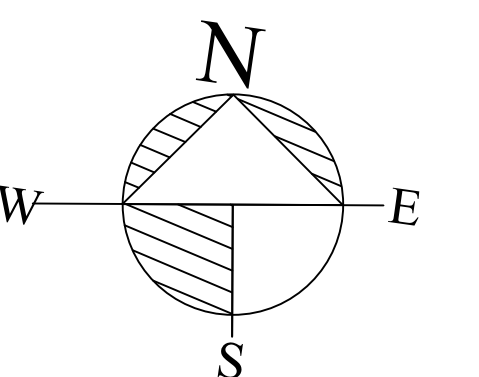
ARCHITECTURAL AND
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DIMENSIONS: 30'-0"X30'-0"

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SITE PLAN



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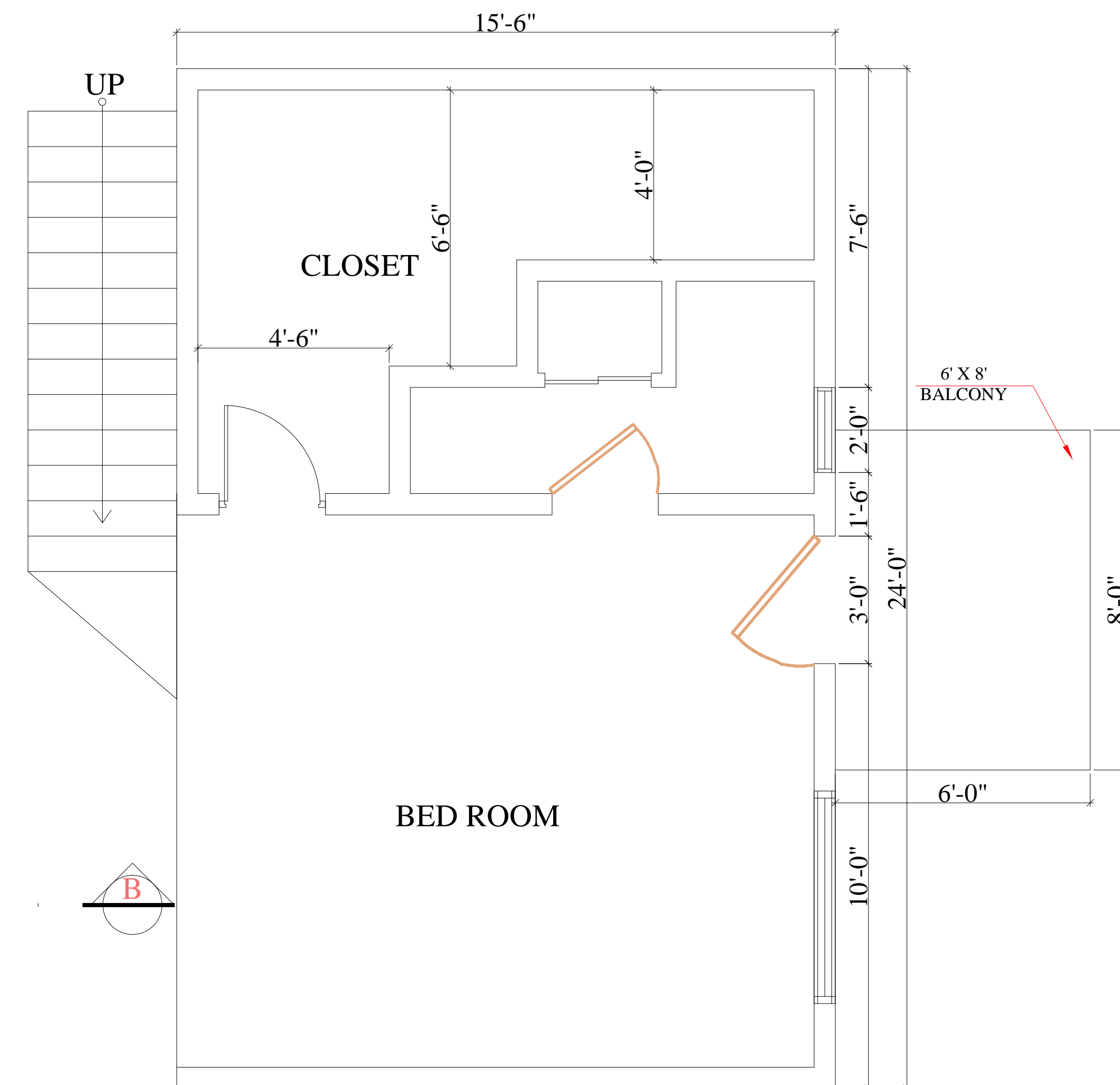
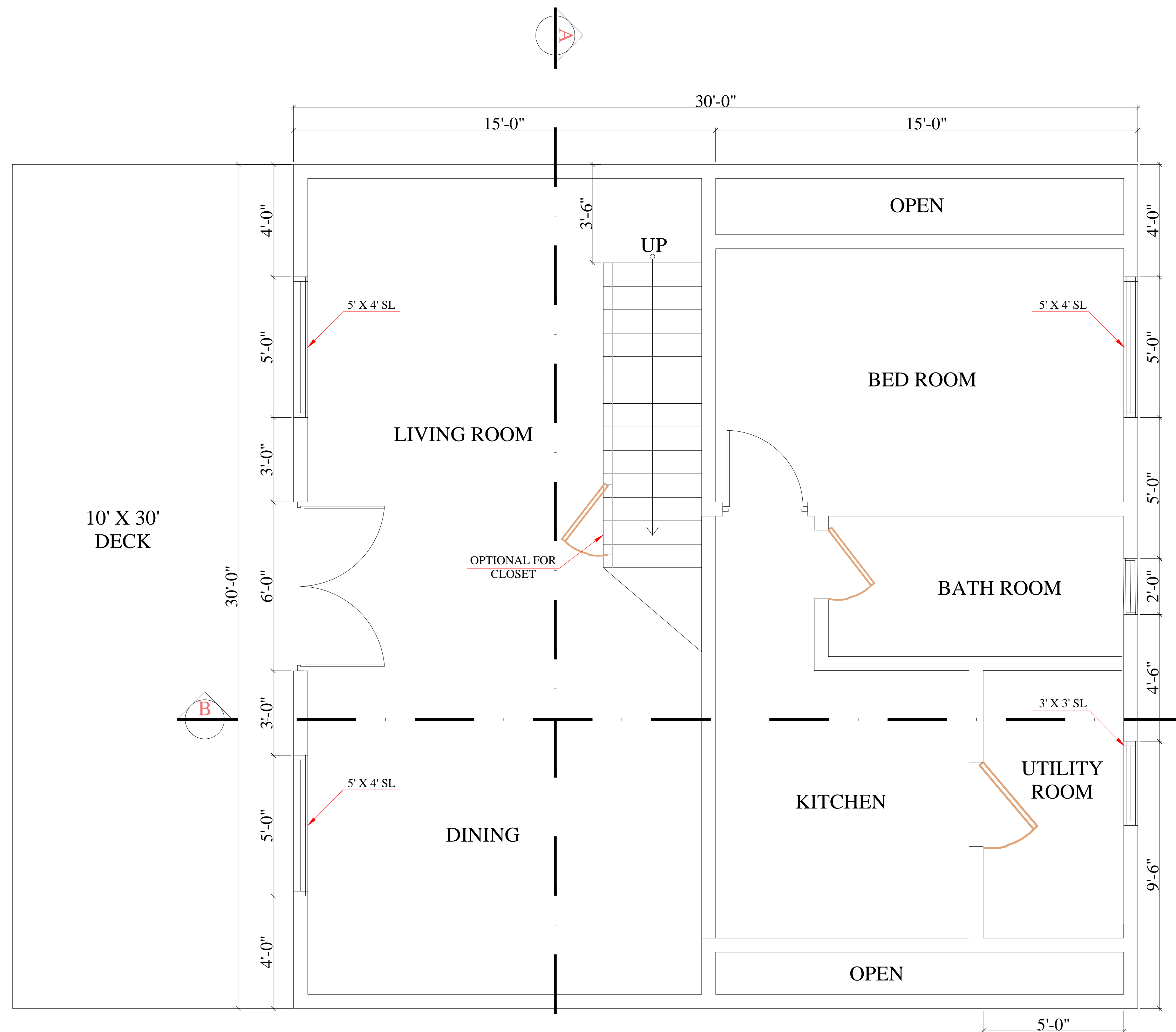
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SCALE: 1/2" = 1'-0"

DATE: 11-08-2024

SHEET NUMBER:

AA-03



MAIN FLOOR LAYOUT PLAN

2ND FLOOR LOFT PLAN

ARCHITECTURAL FLOOR PLAN

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

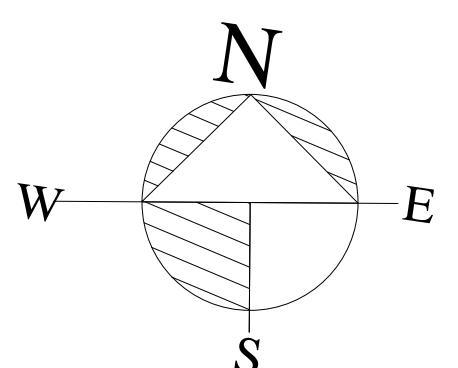
ARCHITECTURAL AND STRUCTURAL DRAWING OF 2 STORY ARCHED HOUSE

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ARCHITECTURAL FLOOR PLAN



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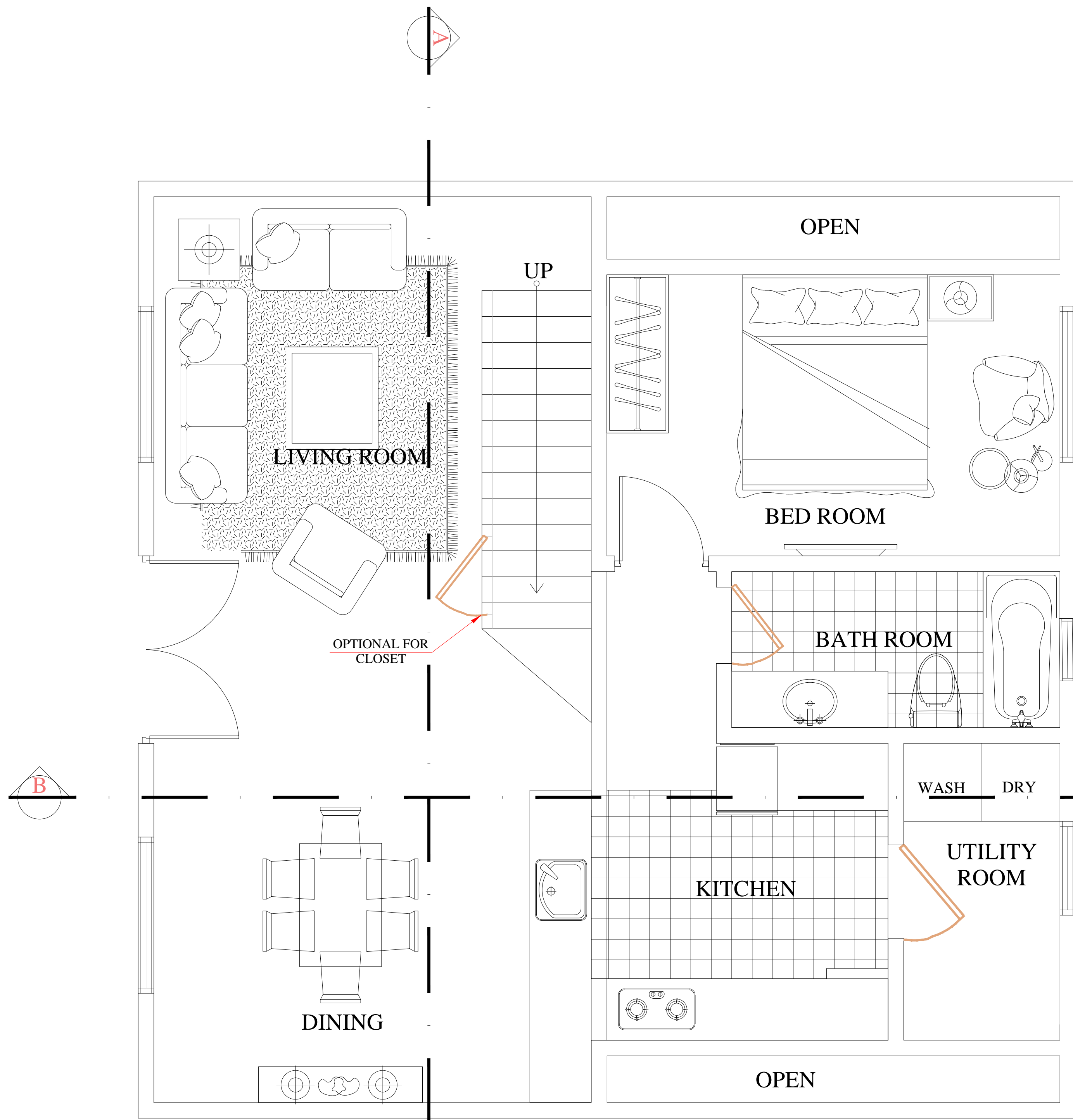
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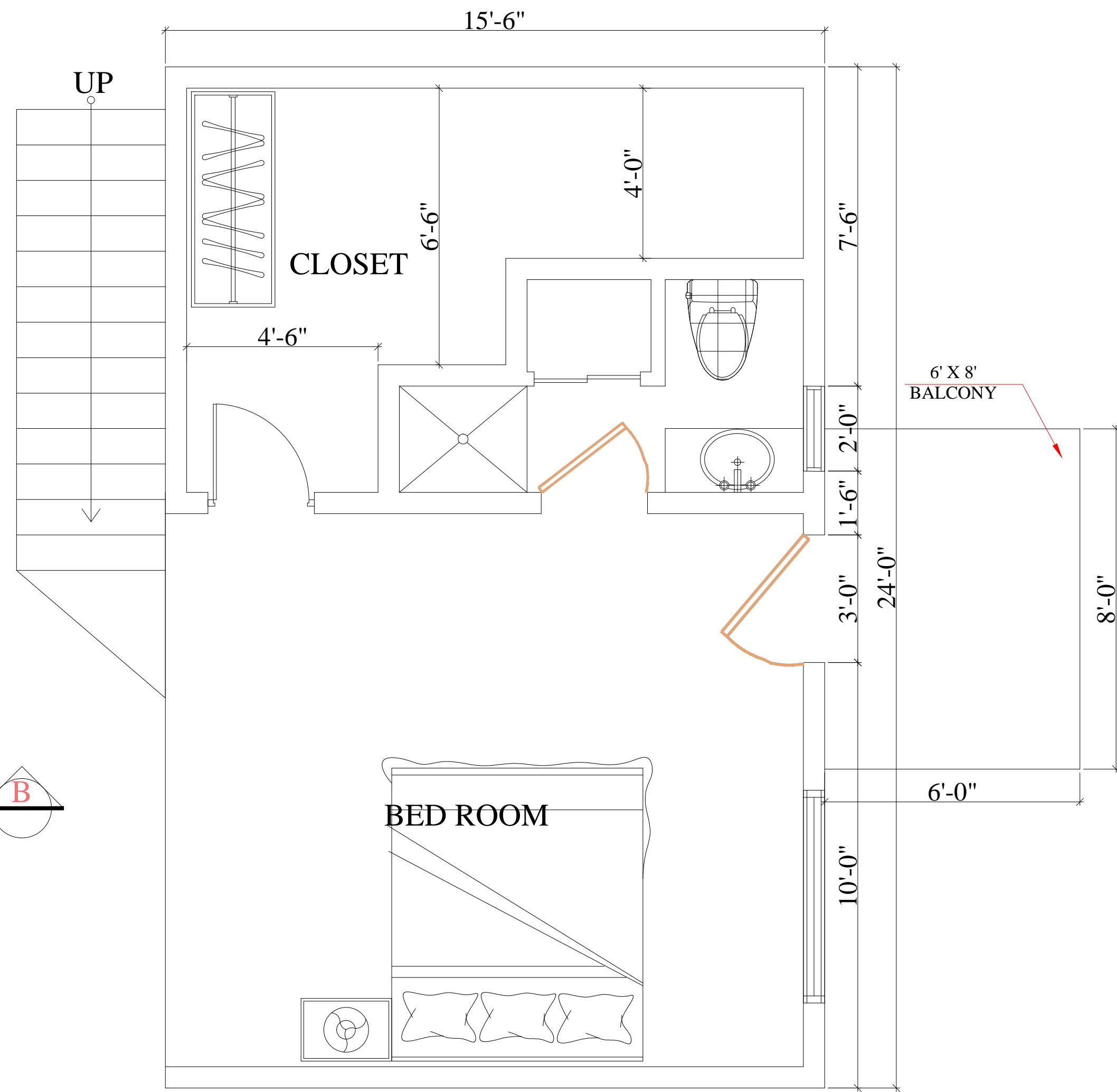
DATE: 11-08-2024

SHEET NUMBER:

AR-01



MAIN FLOOR LAYOUT PLAN



2ND FLOOR LOFT PLAN

FURNITURE LAYOUT PLAN

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

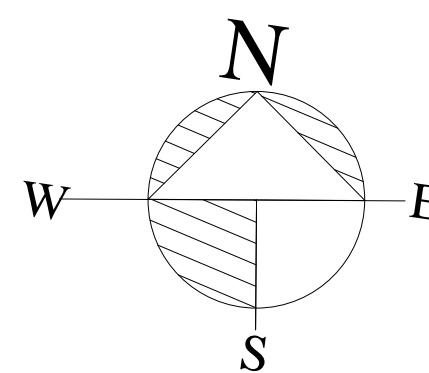
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FURNITURE LAYOUT PLAN



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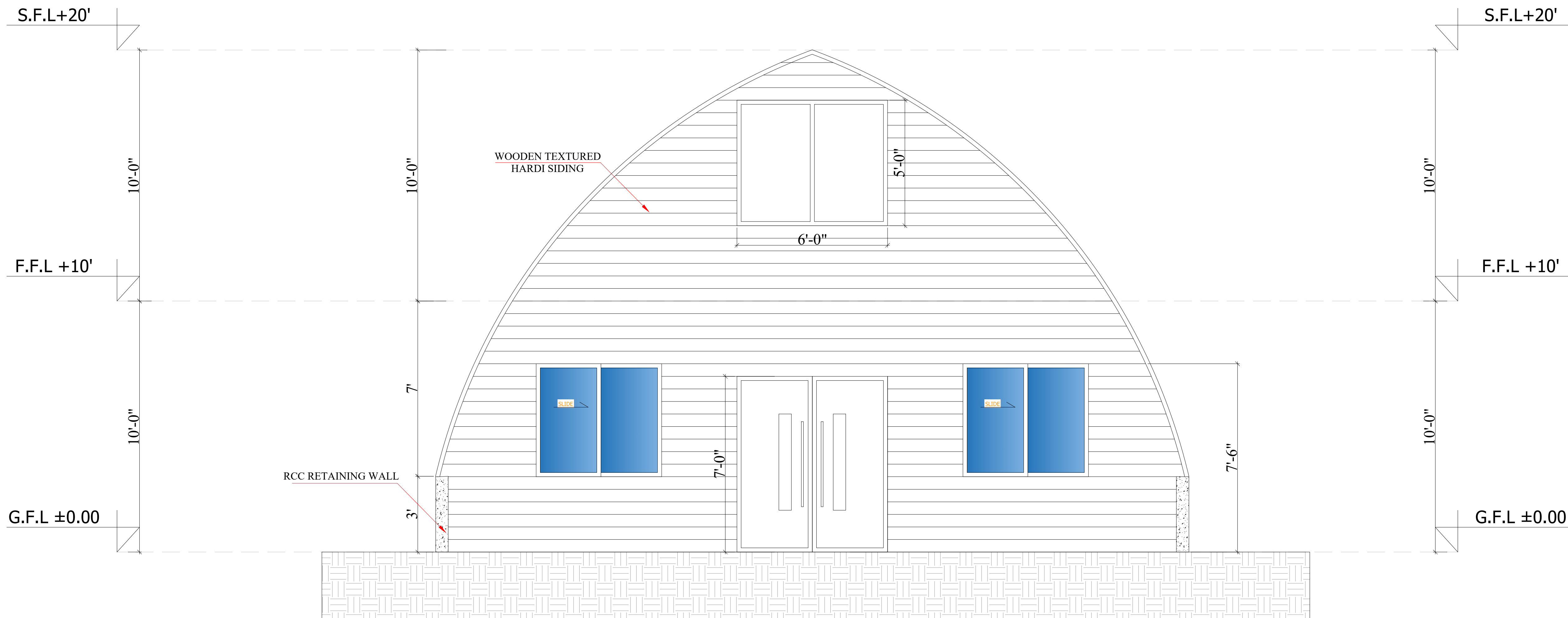
REV. NO: 00

SCALE: 3/8" = 1'-0"

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AR-02



ARCHITECTURAL FRONT ELEVATION

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PROJECT DESCRIPTION:

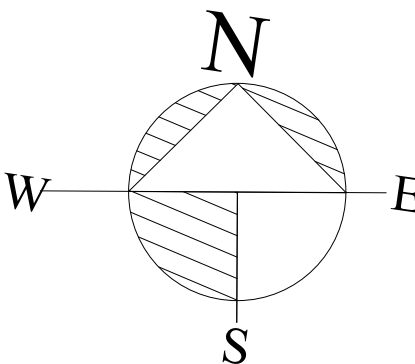
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ARCHITECTURAL FRONT
ELEVATION



DESIGNED BY:

HMZ

DRAWN BY:

HMZ

CKD BY:

HMZ

REV. NO:

00

SCALE:

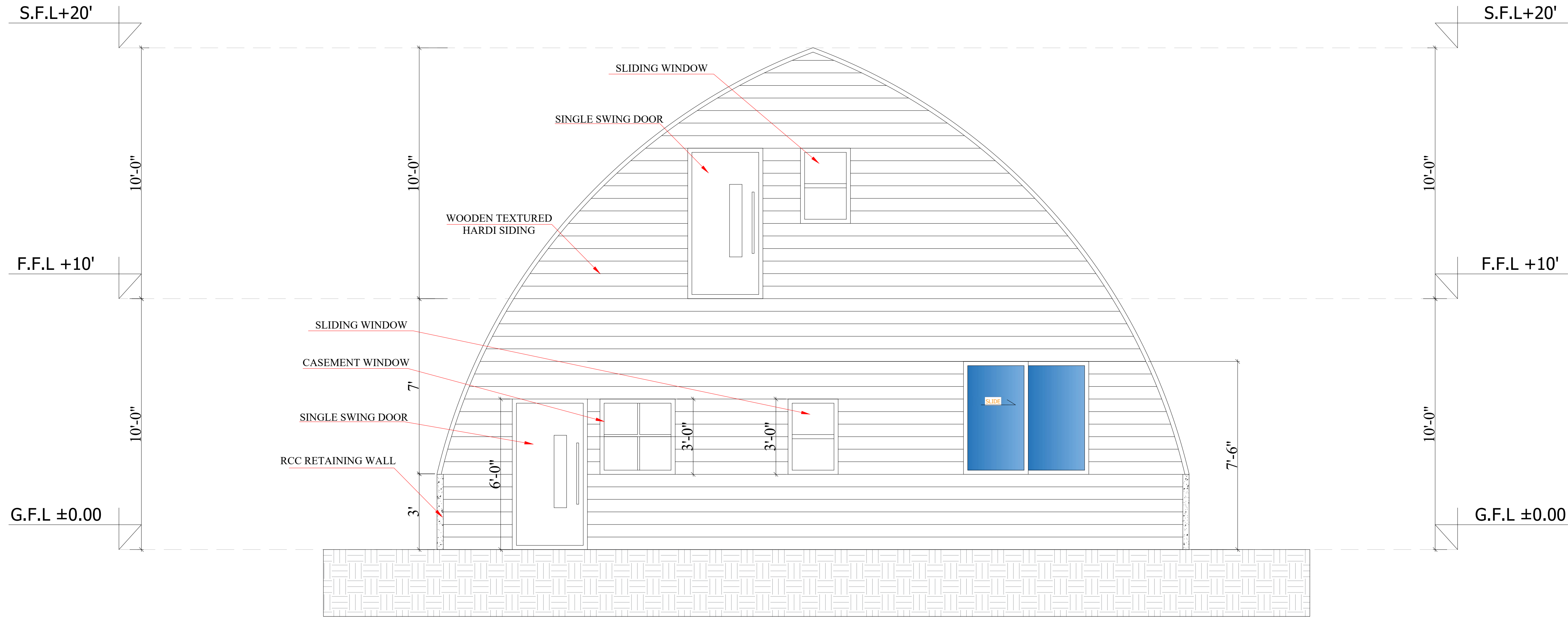
3/8" = 1'-0"

DATE:

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AR-03



ARCHITECTURAL REAR ELEVATION

PROJECT TITLE:

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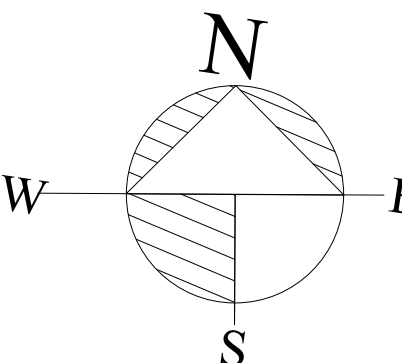
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ARCHITECTURAL REAR
ELEVATION



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HMZ

CKD BY:

HMZ

REV. NO:

00

SCALE:

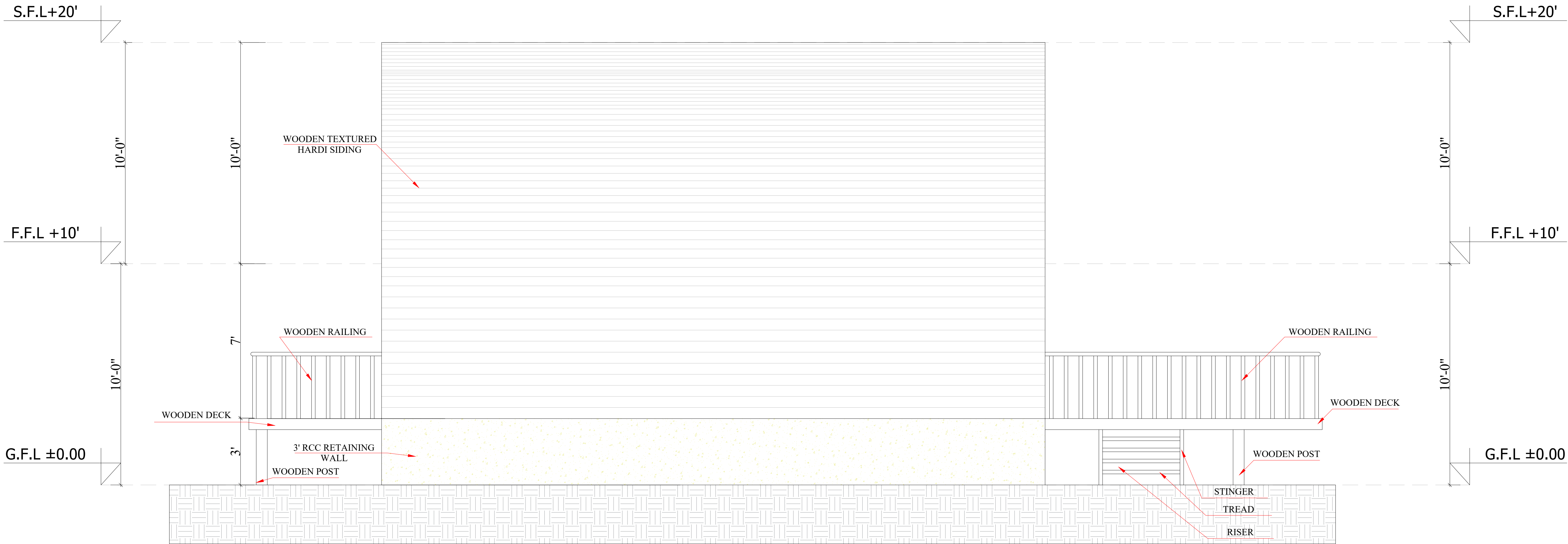
3/8" = 1'-0"

DATE:

11-08-2024

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AR-04



ARCHITECTURAL RIGHT ELEVATION

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

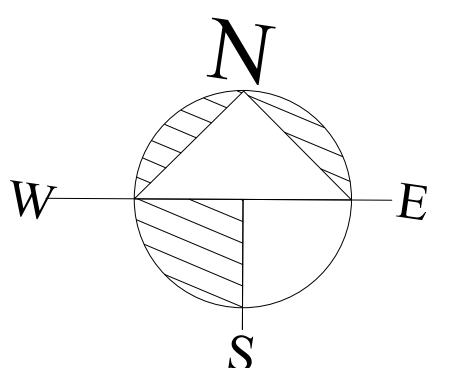
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ARCHITECTURAL RIGHT
ELEVATION



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AR-05



ARCHITECTURAL LEFT ELEVATION

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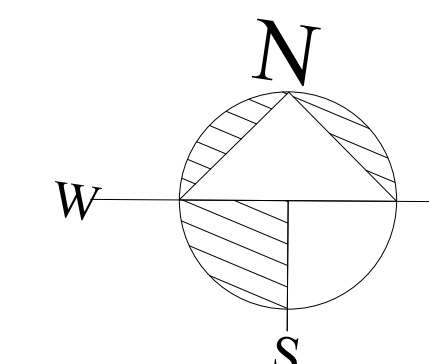
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ARCHITECTURAL LEFT
ELEVATION



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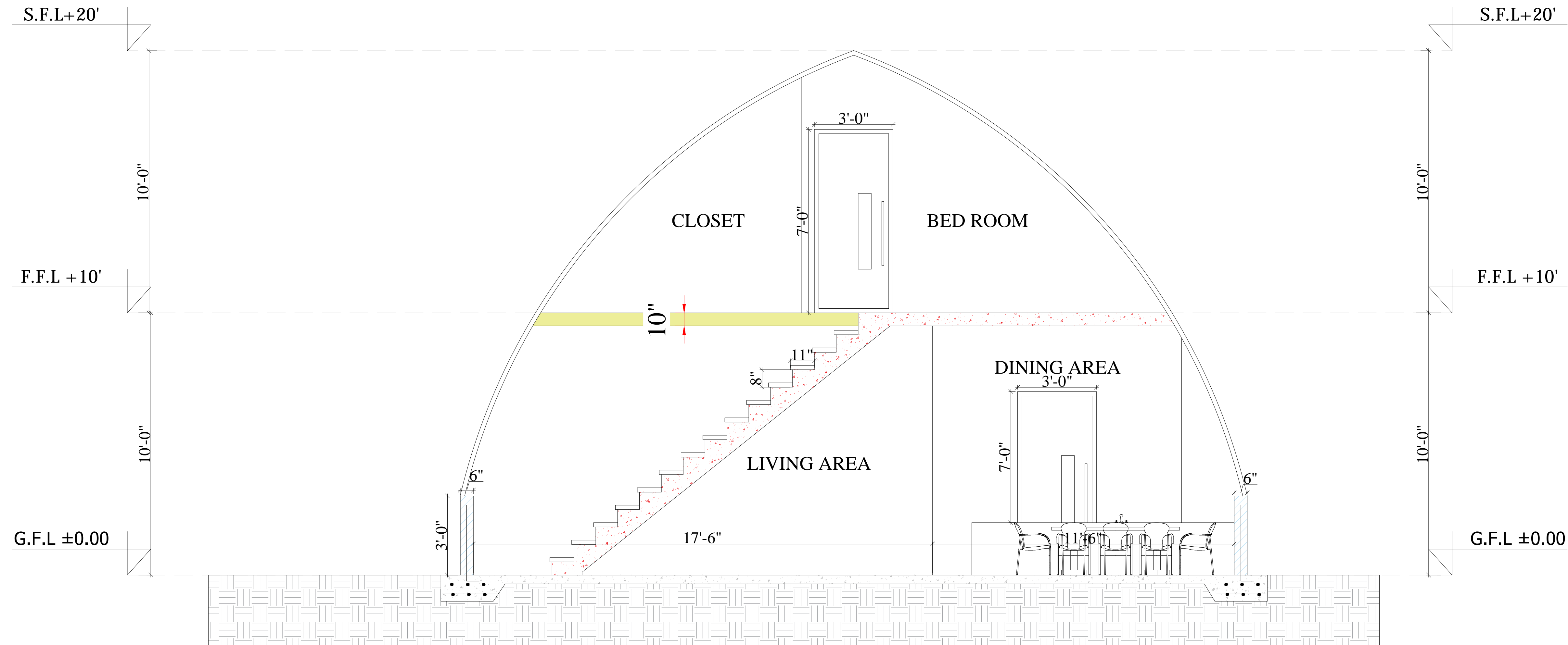
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AR-06



BUILDING SECTION A - A

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

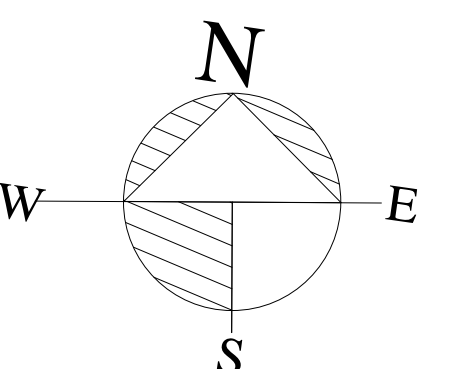
ARCHITECTURAL AND
STRUCTURAL DRAWING OF 2
STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

BUILDING SECTION A - A



DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

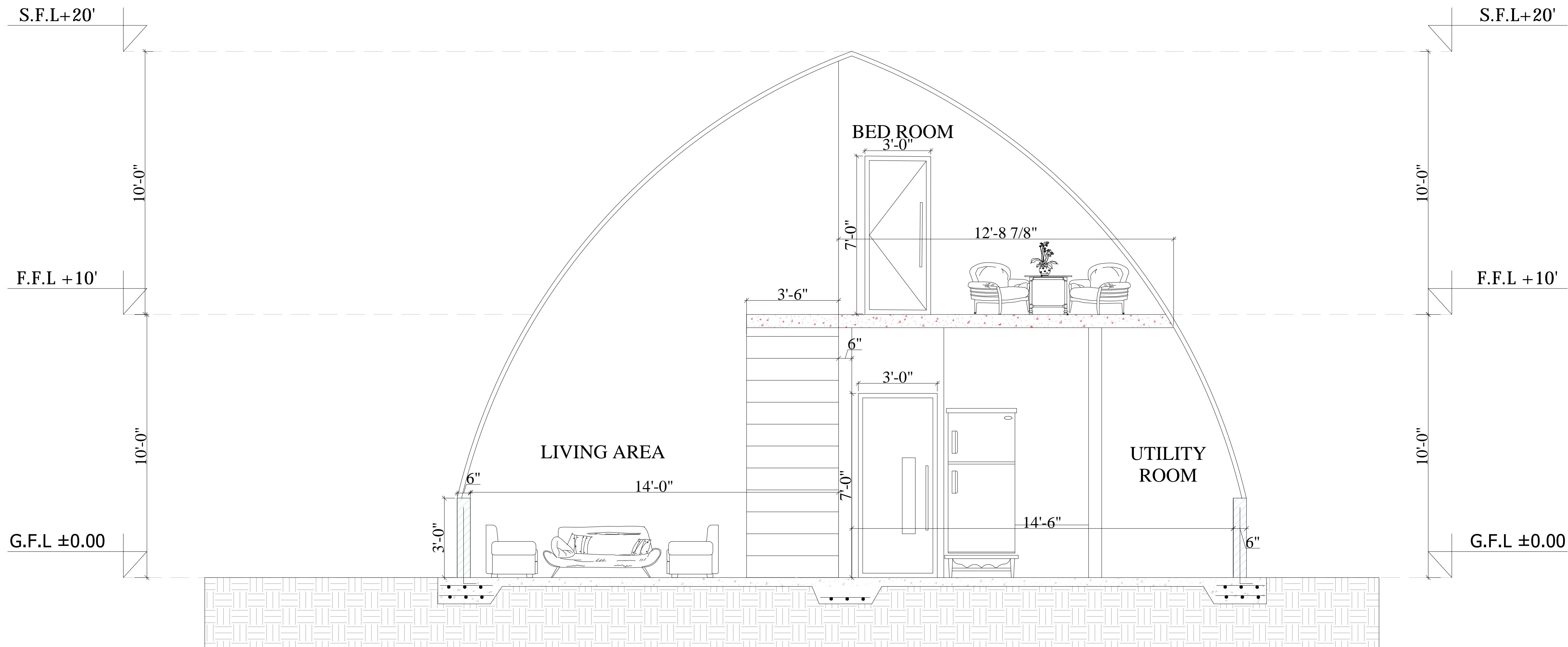
REV. NO: 00

SCALE: 3/8" = 1'-0"

DATE: 11-08-2024

SHEET NUMBER:

AR-07



BUILDING SECTION B - B

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

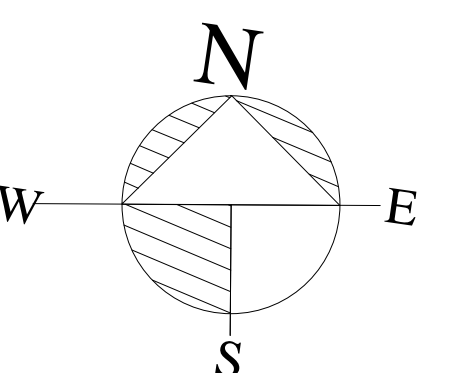
ARCHITECTURAL AND
STRUCTURAL DRAWING OF 2
STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

BUILDING SECTION B - B



DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

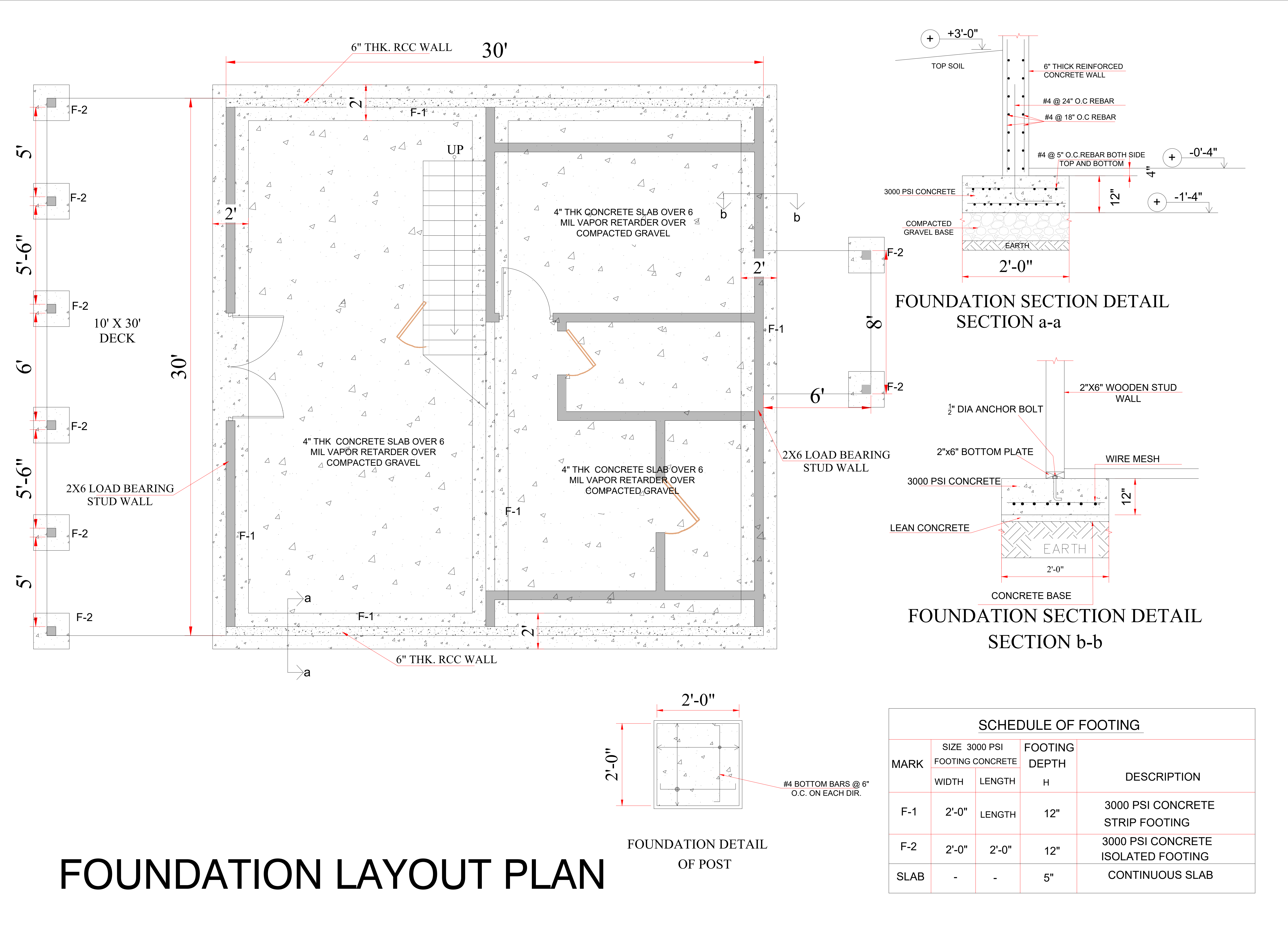
REV. NO: 00

SCALE: 3/8" = 1'-0"

DATE: 11-08-2024

SHEET NUMBER:

AR-08



PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

ARCHITECTURAL AND STRUCTURAL DRAWING OF 2 STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

FOUNDATION LAYOUT PLAN

DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

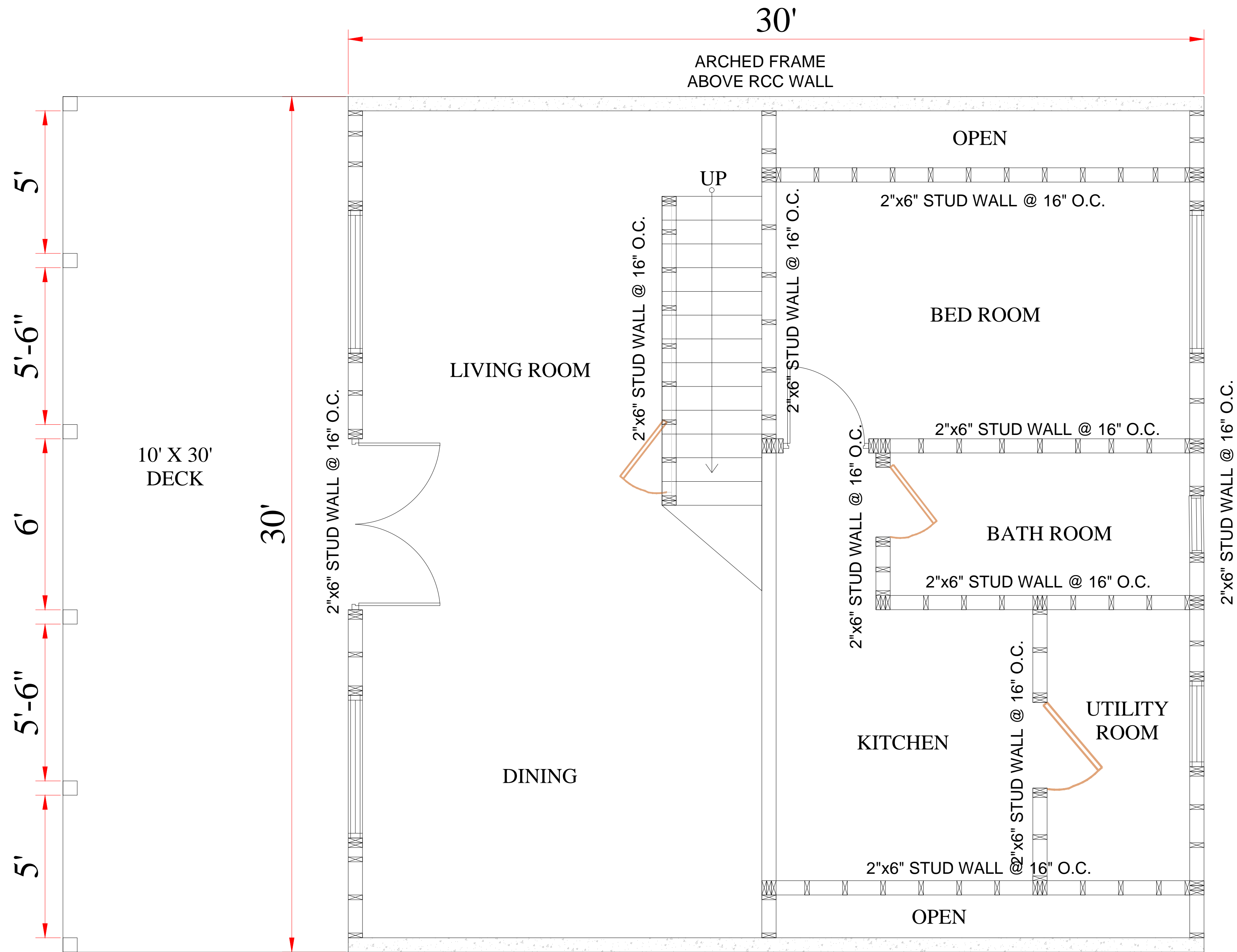
REV. NO: 00

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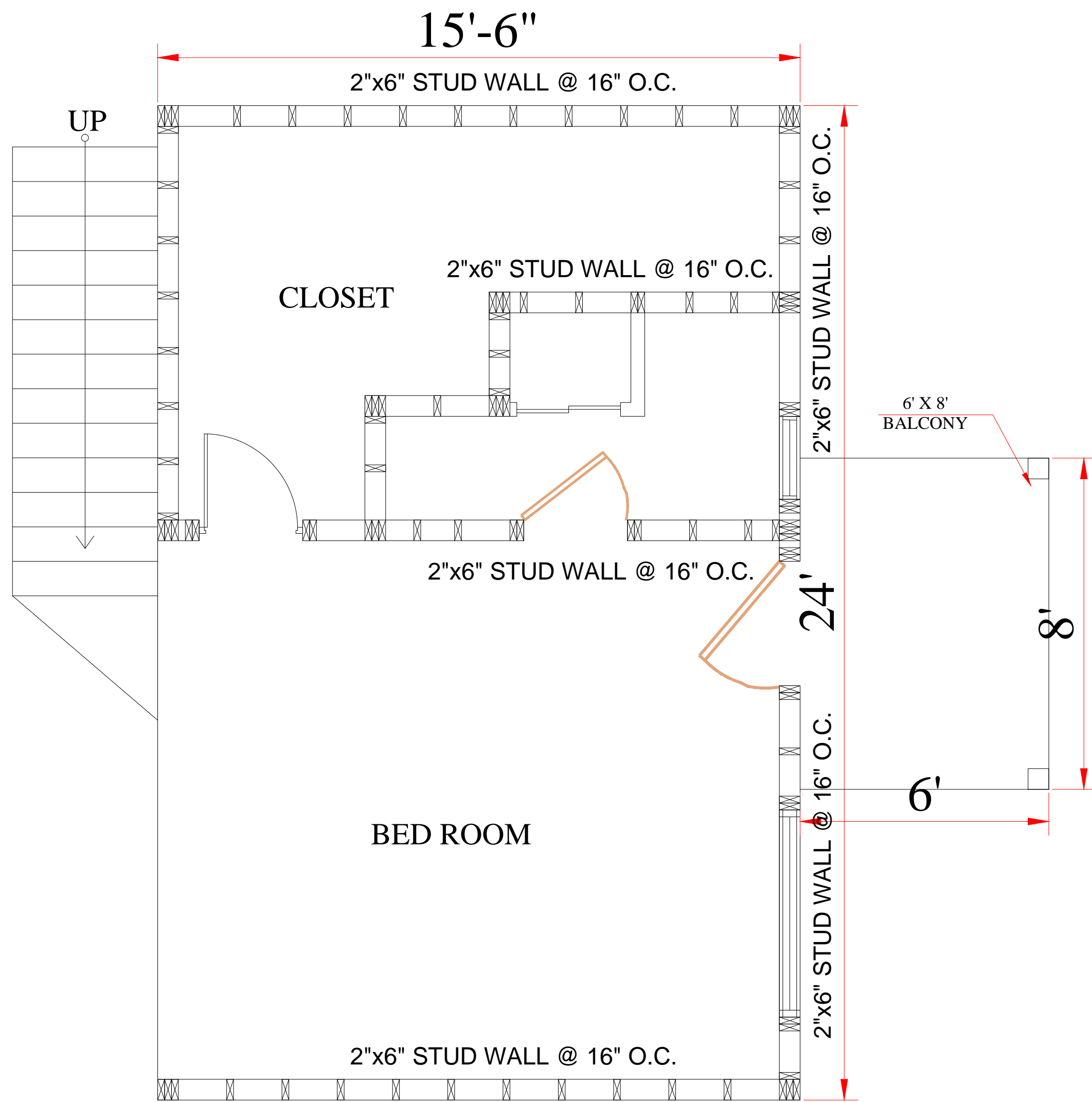
DATE: 11-08-2024

SHEET NUMBER:

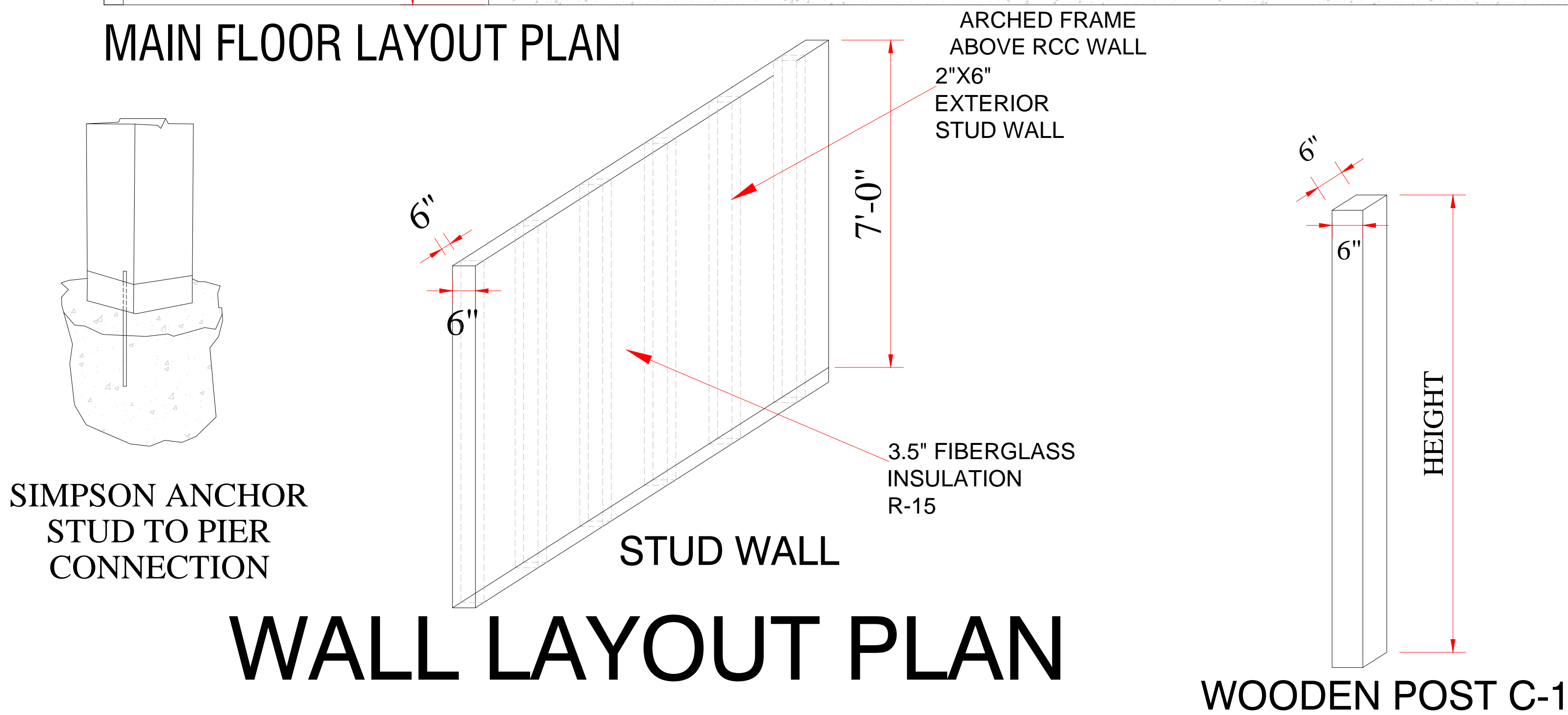
ST-01



MAIN FLOOR LAYOUT PLAN



2ND FLOOR LOFT PLAN



WALL LAYOUT PLAN

SCHEDULE OF COLUMN			
MARK	WIDTH W	DEPTH D	DETAILS
C-1	6"	6"	WOODEN POST CONNECTED WITH SIMPSON CONNECTOR
WALL	2"	6"	STUD WALL CONNECTED WITH 1/2" DIA. ANCHOR BOLT

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

ARCHITECTURAL AND
STRUCTURAL DRAWING OF 2
STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

WALL LAYOUT PLAN

DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

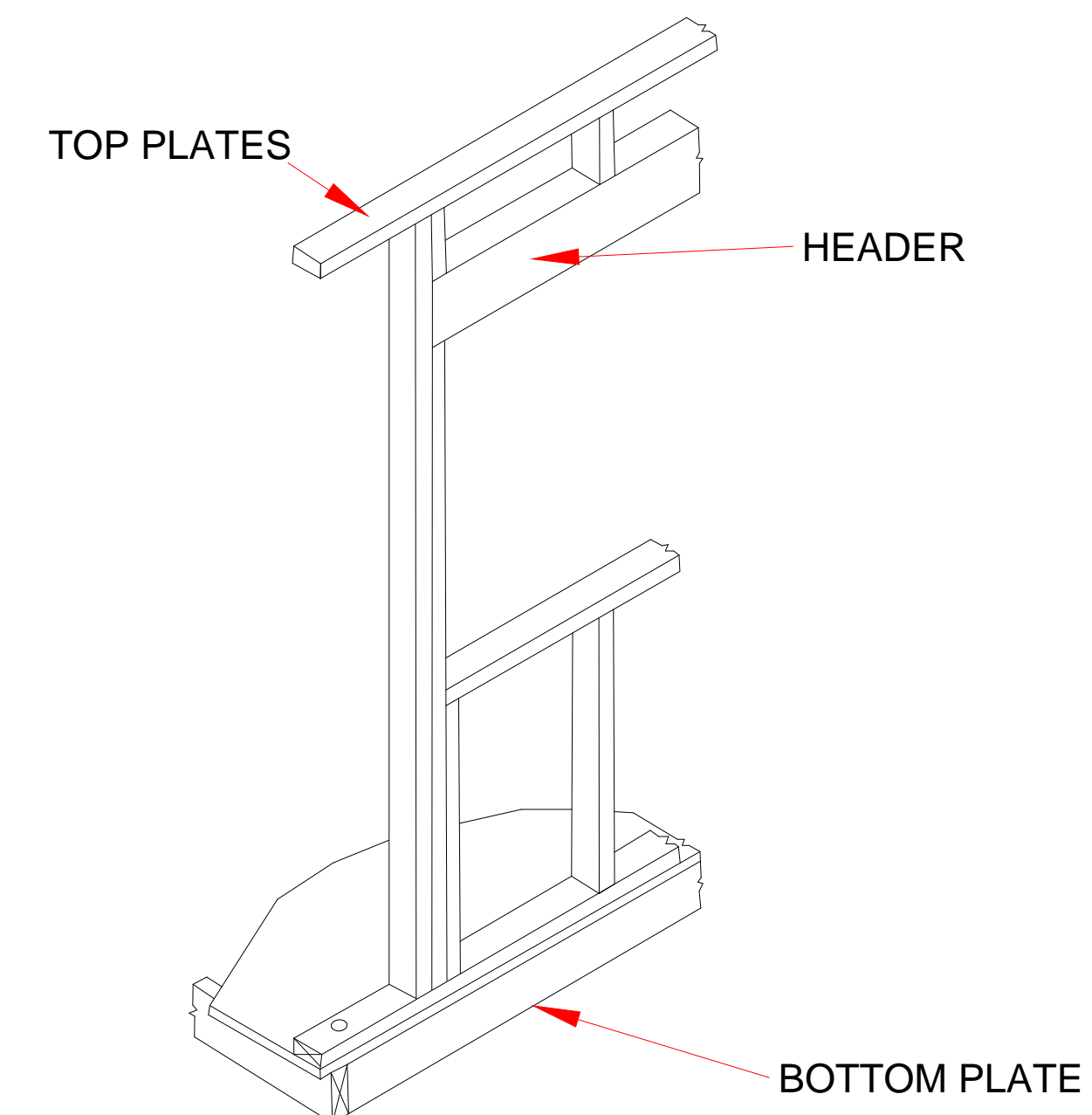
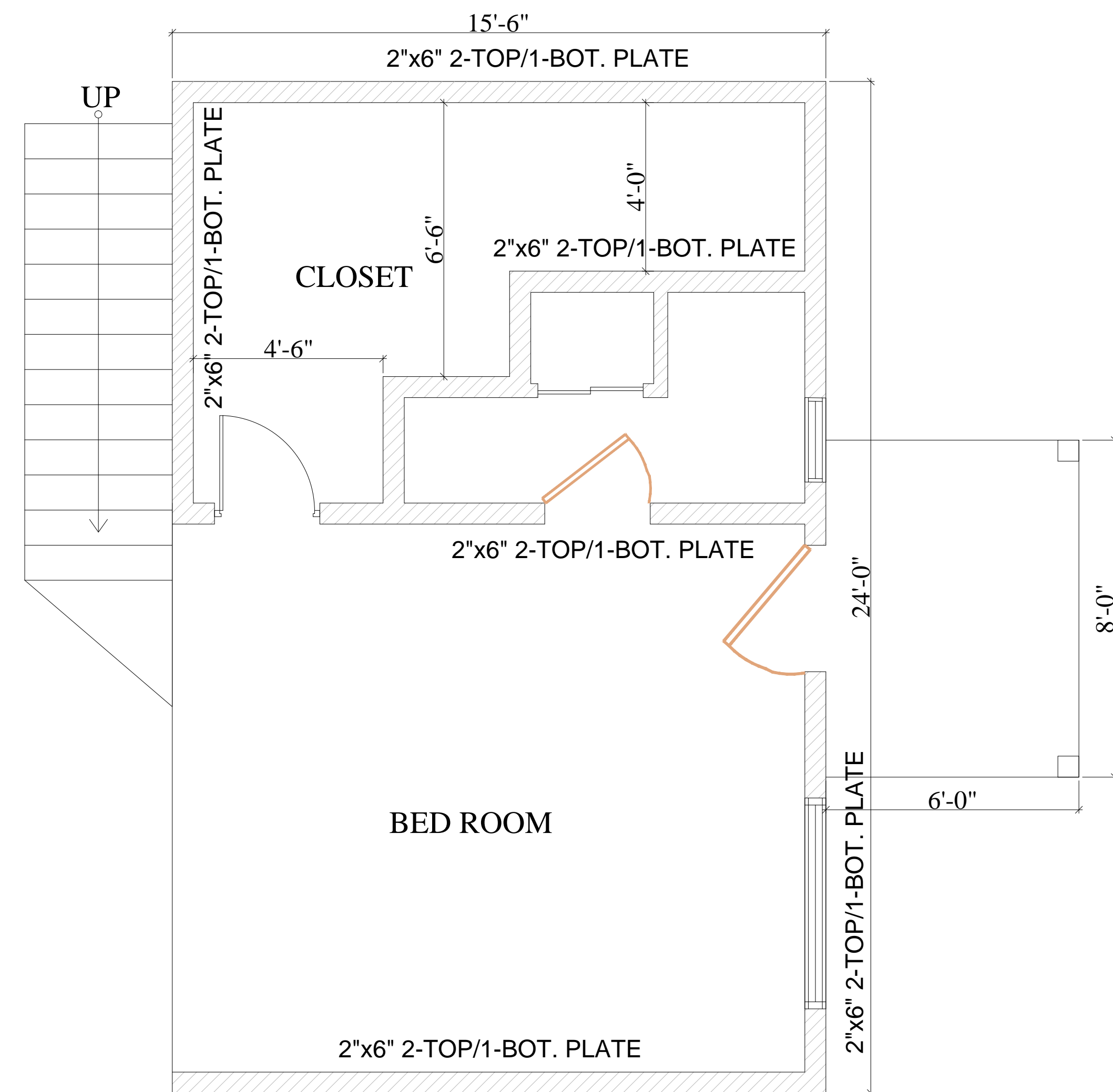
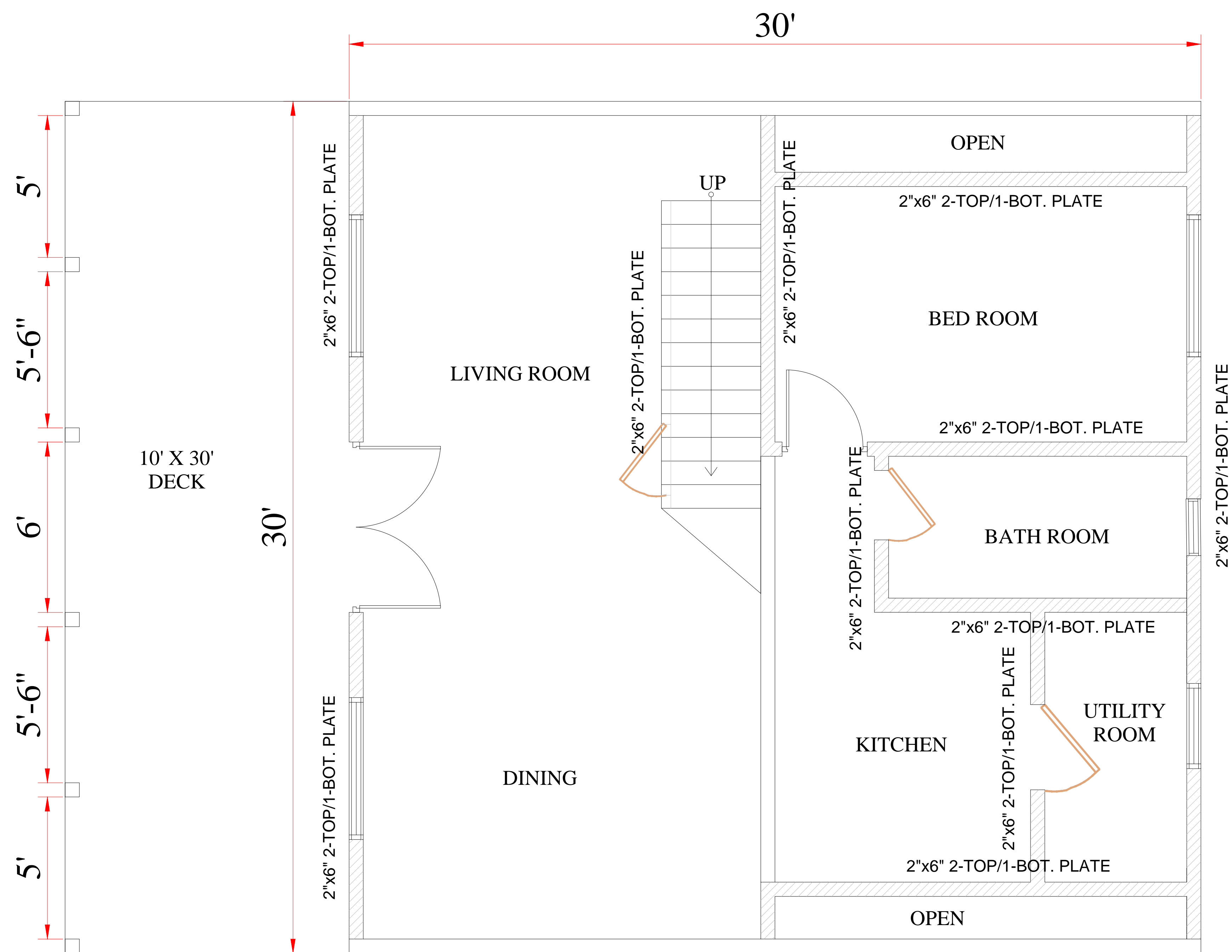
REV. NO: 00

SCALE: 3/8" = 1'-0"

DATE: 11-08-2024

SHEET NUMBER:

ST-02



TOP / BOTTOM PLATE LAYOUT PLAN

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

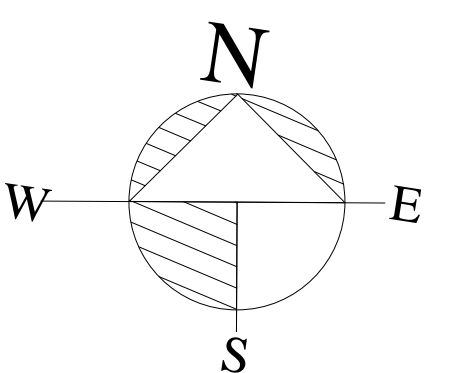
ARCHITECTURAL AND STRUCTURAL DRAWING OF 2 STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

TOP / BOTTOM PLATE LAYOUT
PLAN



DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

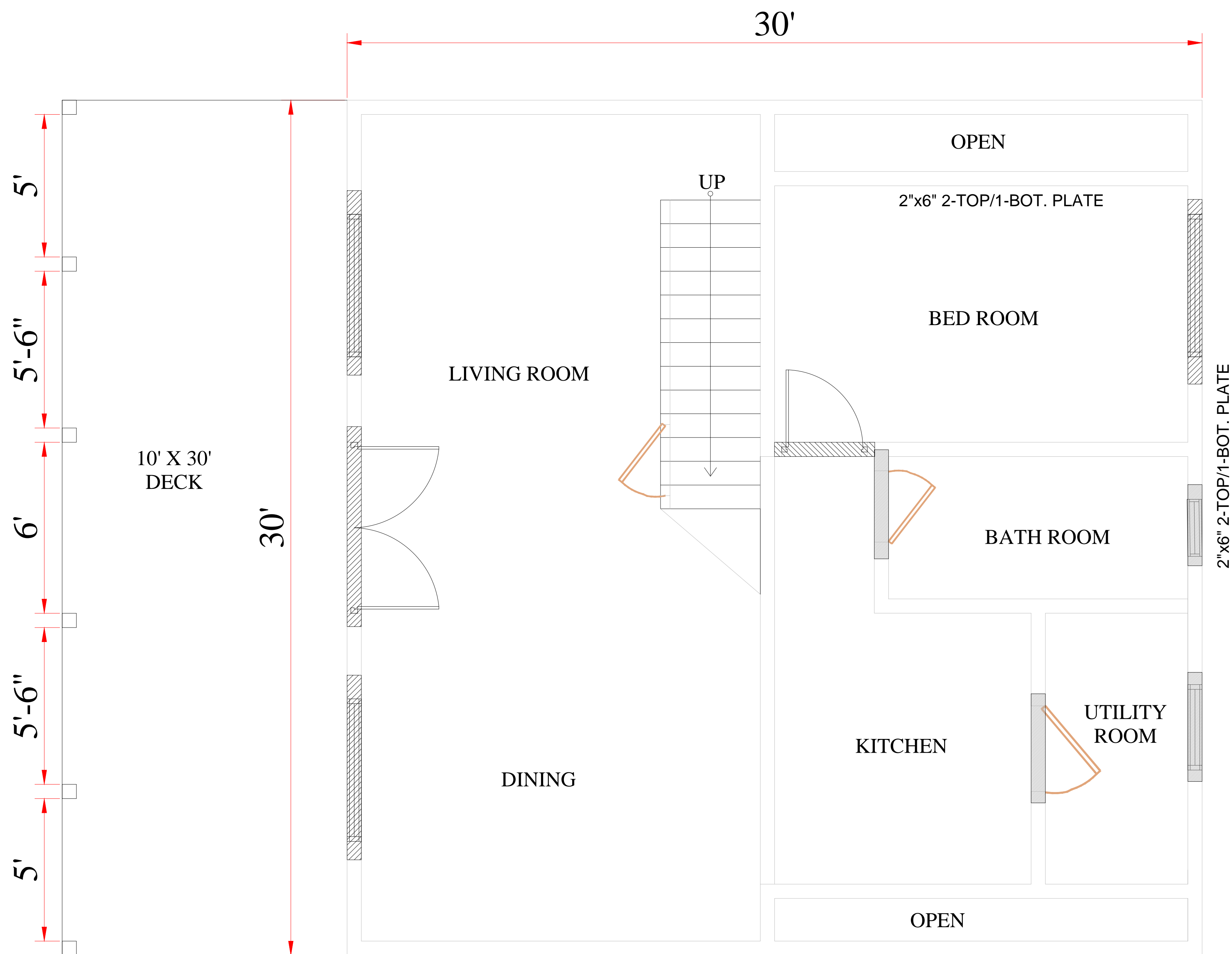
REV. NO: 00

SCALE: $3/8" = 1'-0"$

DATE: 11-08-2024

SHEET NUMBER:

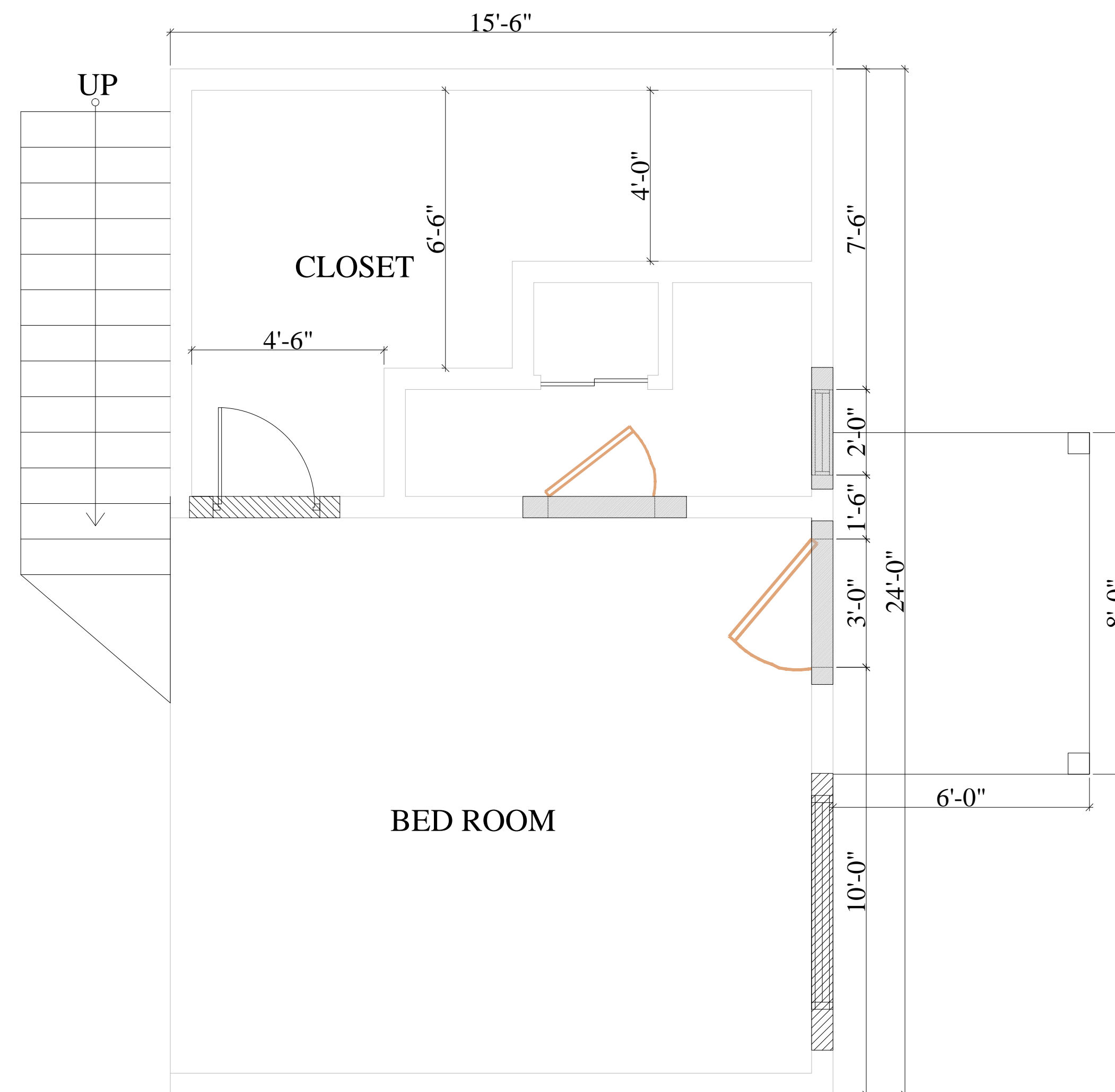
ST-03



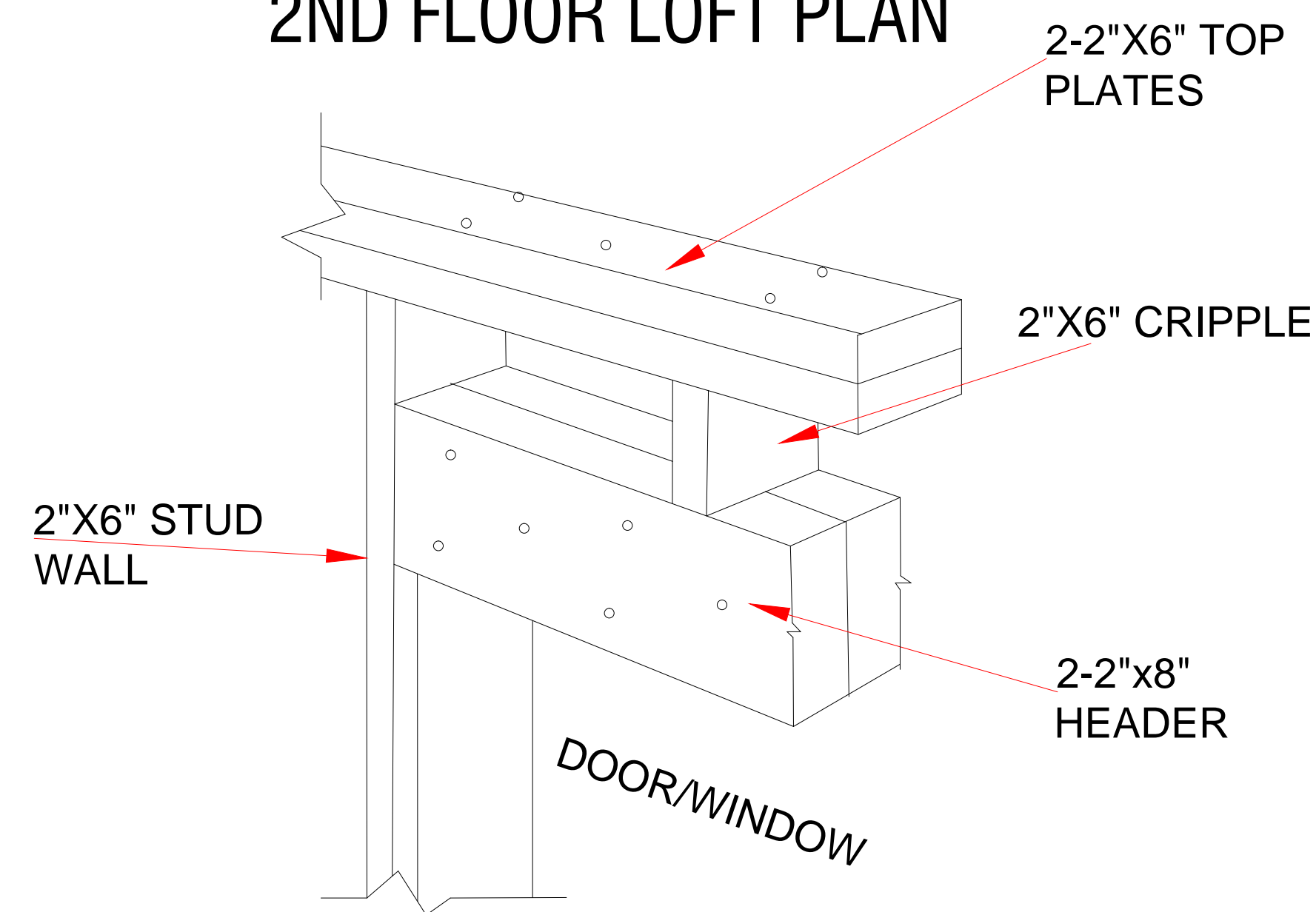
MAIN FLOOR LAYOUT PLAN

- 2-2X8 HEADER
- 2-2X6 HEADER

HEADER LAYOUT PLAN



2ND FLOOR LOFT PLAN



HEADER DETAILS

PROJECT TITLE:

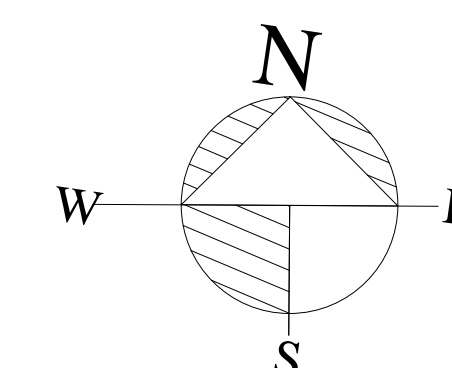
ARCHED HOUSE

PROJECT DESCRIPTION:

ARCHITECTURAL AND
STRUCTURAL DRAWING OF 2
STORY ARCHED HOUSE
DIMENSIONS: 30'-0"X30'-0"
ADDRESS:

SHEET TITLE:

HEADER LAYOUT PLAN



DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

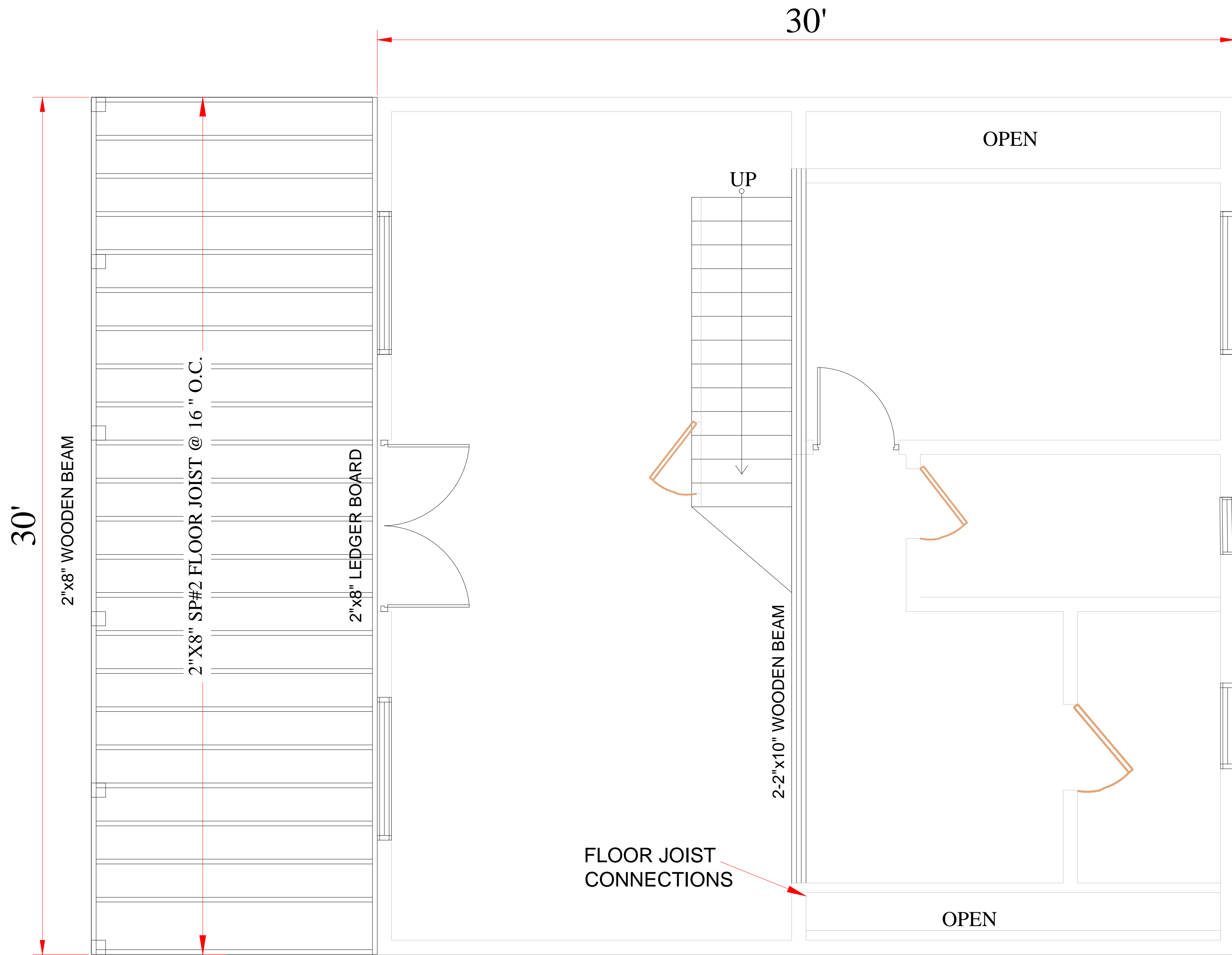
REV. NO: 00

SCALE: 3/8" = 1'-0"

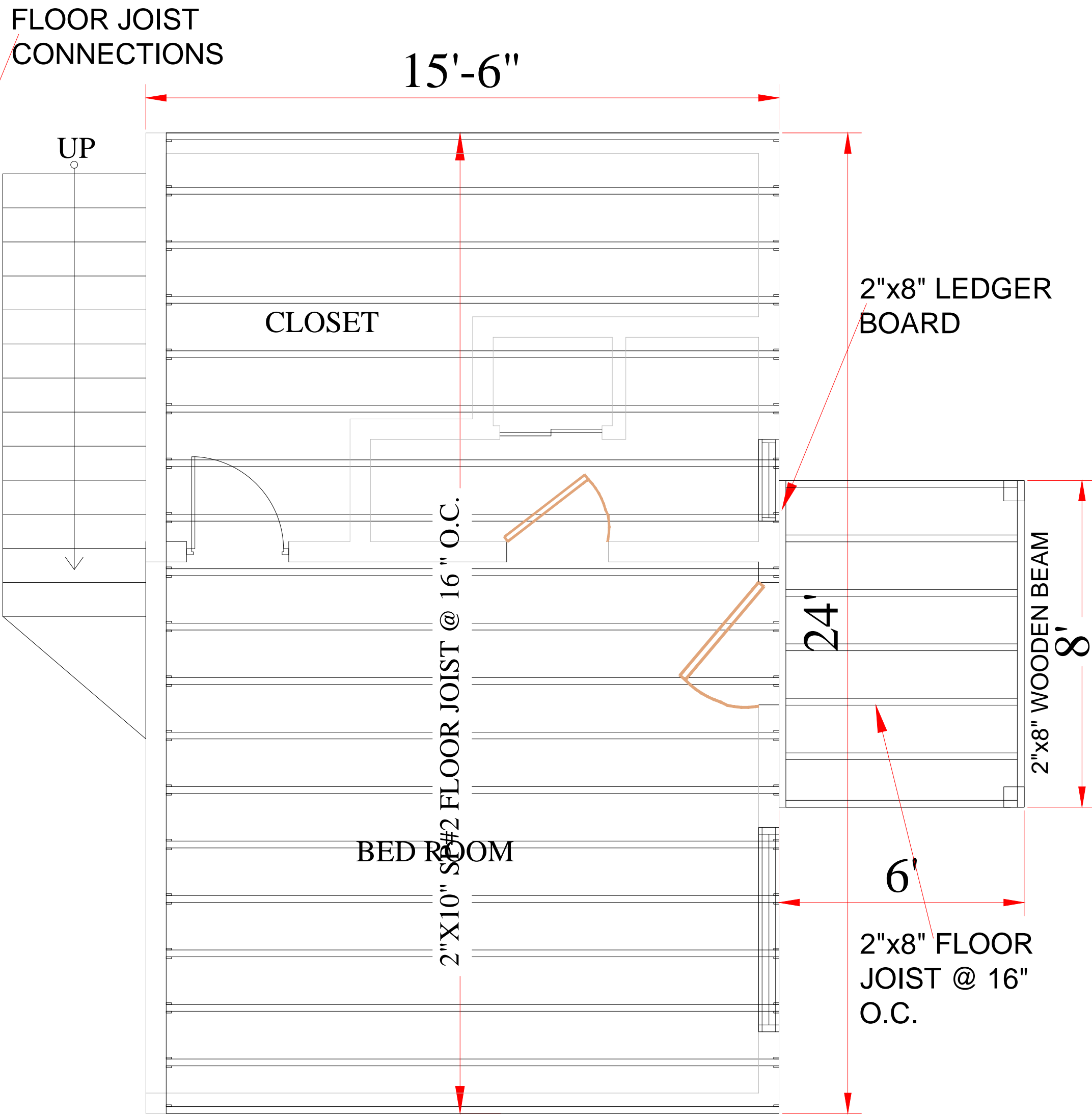
DATE: 11-08-2024

SHEET NUMBER:

ST-04



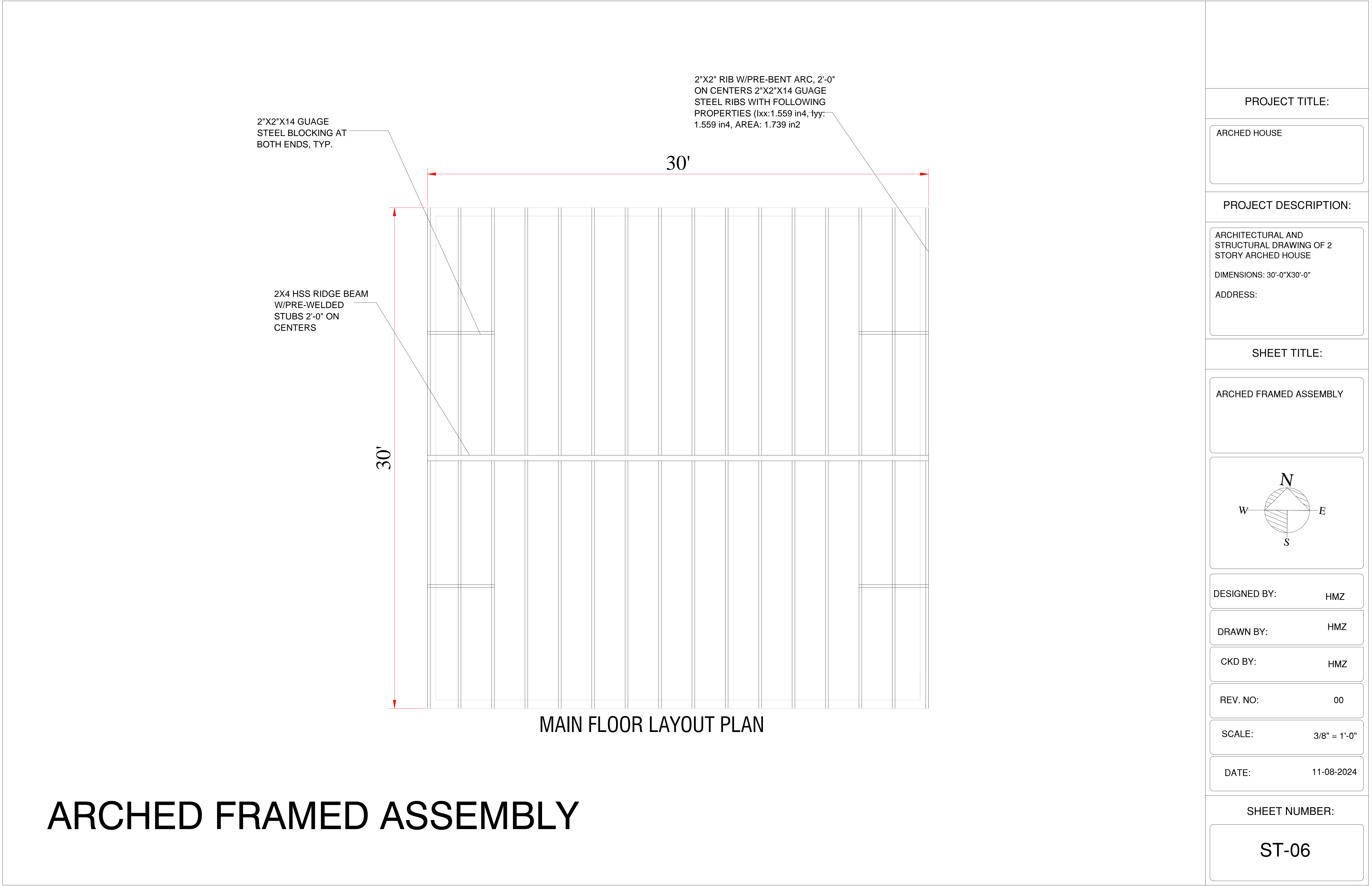
MAIN FLOOR LAYOUT PLAN



2ND FLOOR LOFT PLAN

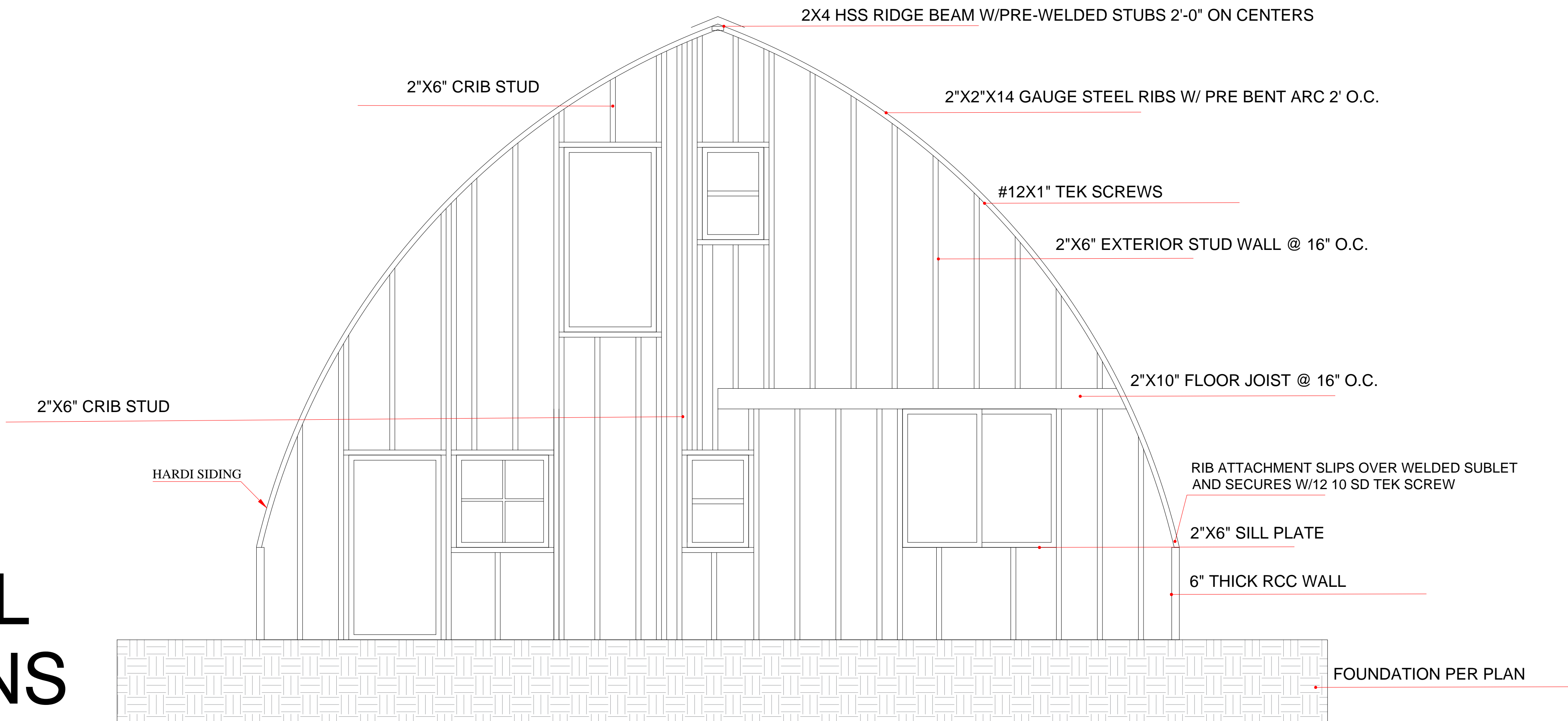
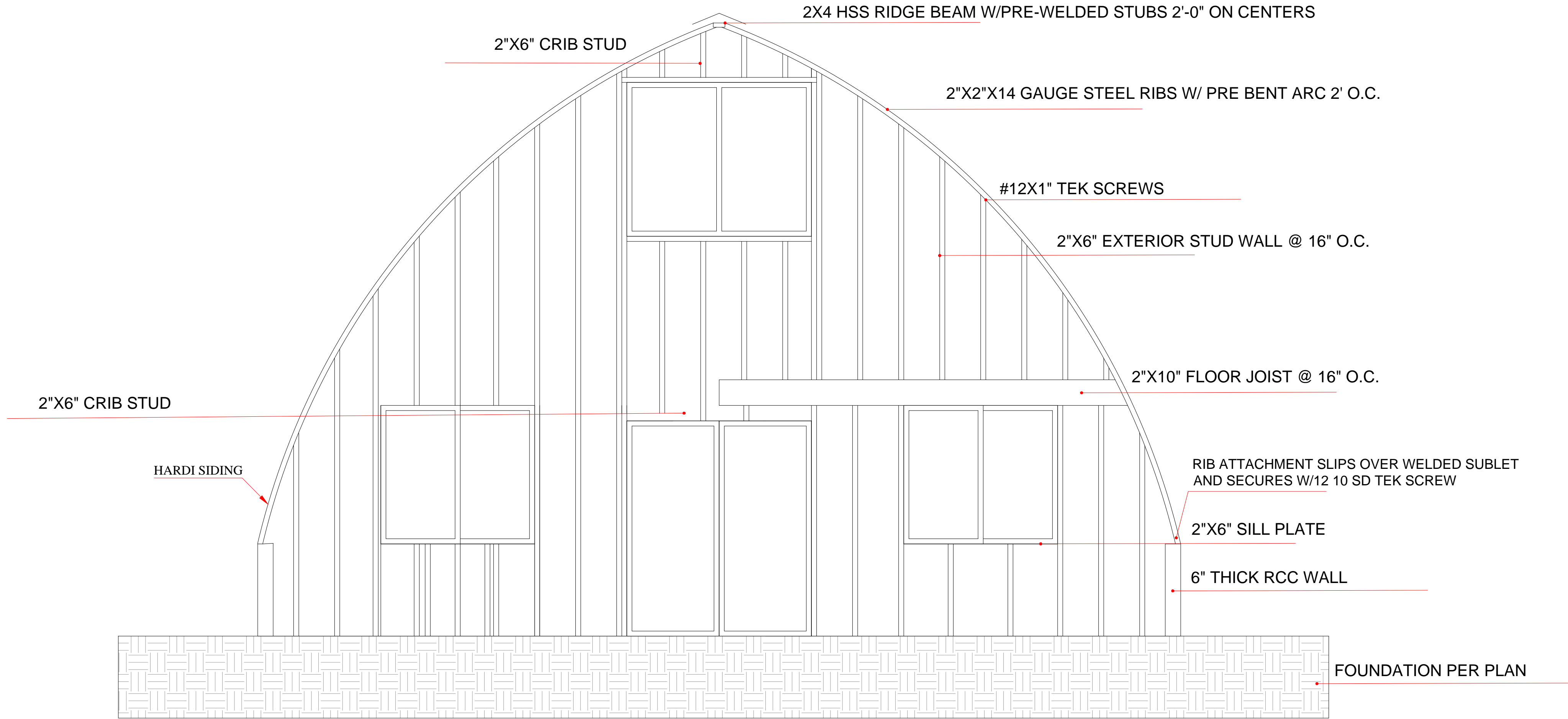
FLOOR FRAMING PLAN

PROJECT TITLE:	
ARCHED HOUSE	
PROJECT DESCRIPTION:	
ARCHITECTURAL AND STRUCTURAL DRAWING OF 2 STORY ARCHED HOUSE	
DIMENSIONS: 30'-0"X30'-0"	
ADDRESS:	
SHEET TITLE:	
FLOOR FRAMING PLAN	
DESIGNED BY:	HMZ
DRAWN BY:	HMZ
CKD BY:	HMZ
REV. NO:	00
SCALE:	3/8" = 1'-0"
DATE:	11-08-2024
SHEET NUMBER:	
ST-05	



PROJECT TITLE:	
ARCHED HOUSE	
PROJECT DESCRIPTION:	
ARCHITECTURAL AND STRUCTURAL DRAWING OF 2 STORY ARCHED HOUSE	
DIMENSIONS: 30'-0"X30'-0"	
ADDRESS:	
SHEET TITLE:	
ARCHED FRAMED ASSEMBLY	
DESIGNED BY:	HMZ
DRAWN BY:	HMZ
CKD BY:	HMZ
REV. NO:	00
SCALE:	3/8" = 1'-0"
DATE:	11-08-2024
SHEET NUMBER:	
ST-06	

END WALL ELEVATIONS



PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

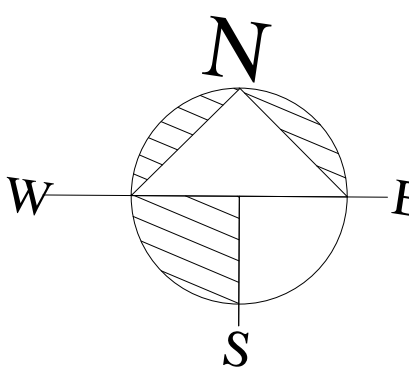
ARCHITECTURAL AND
STRUCTURAL DRAWING OF 2
STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

END WALLS ELEVATIONS



DESIGNED BY:

HMZ

DRAWN BY:

HMZ

CKD BY:

HMZ

REV. NO:

00

SCALE:

3/8" = 1'-0"

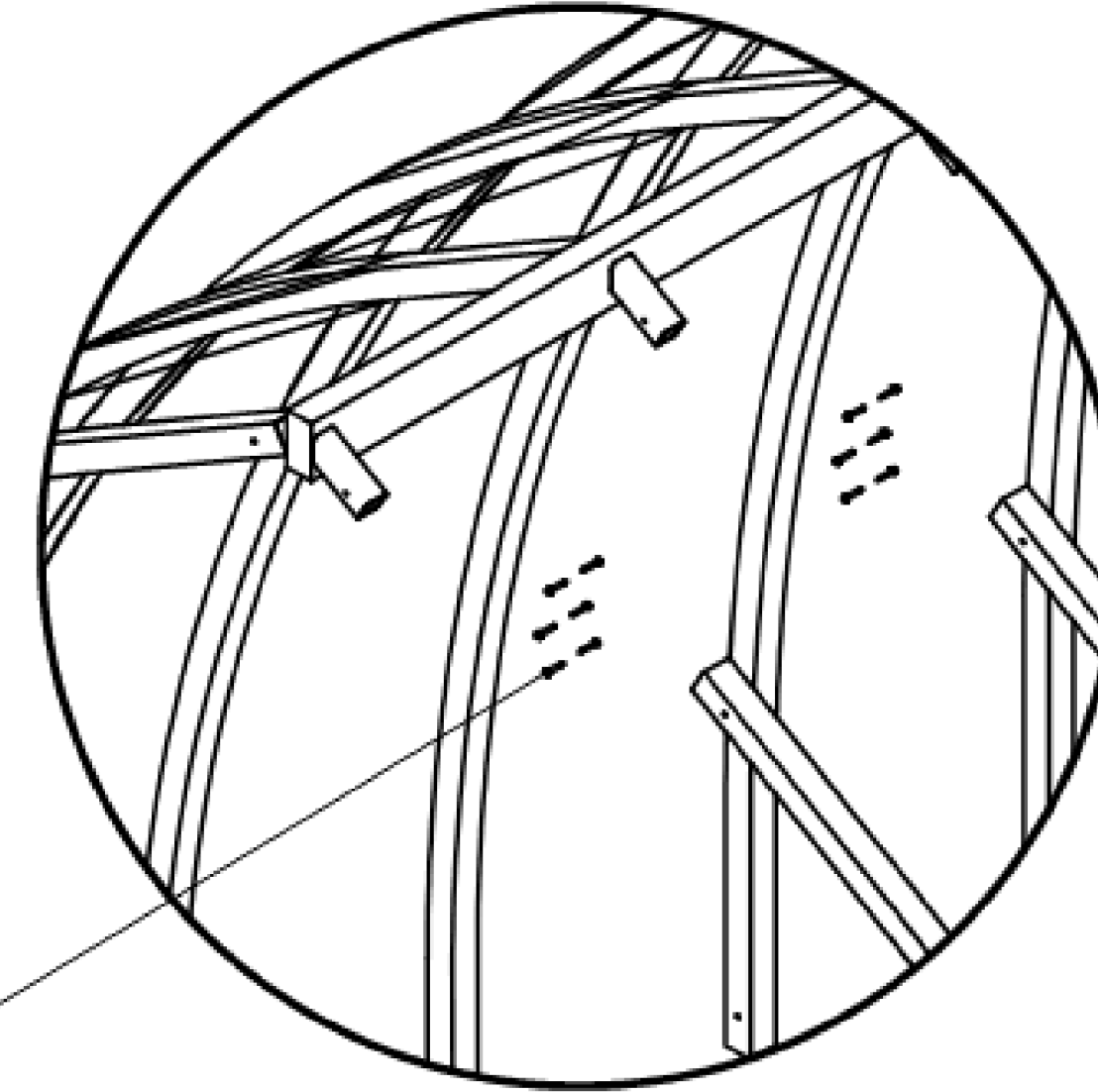
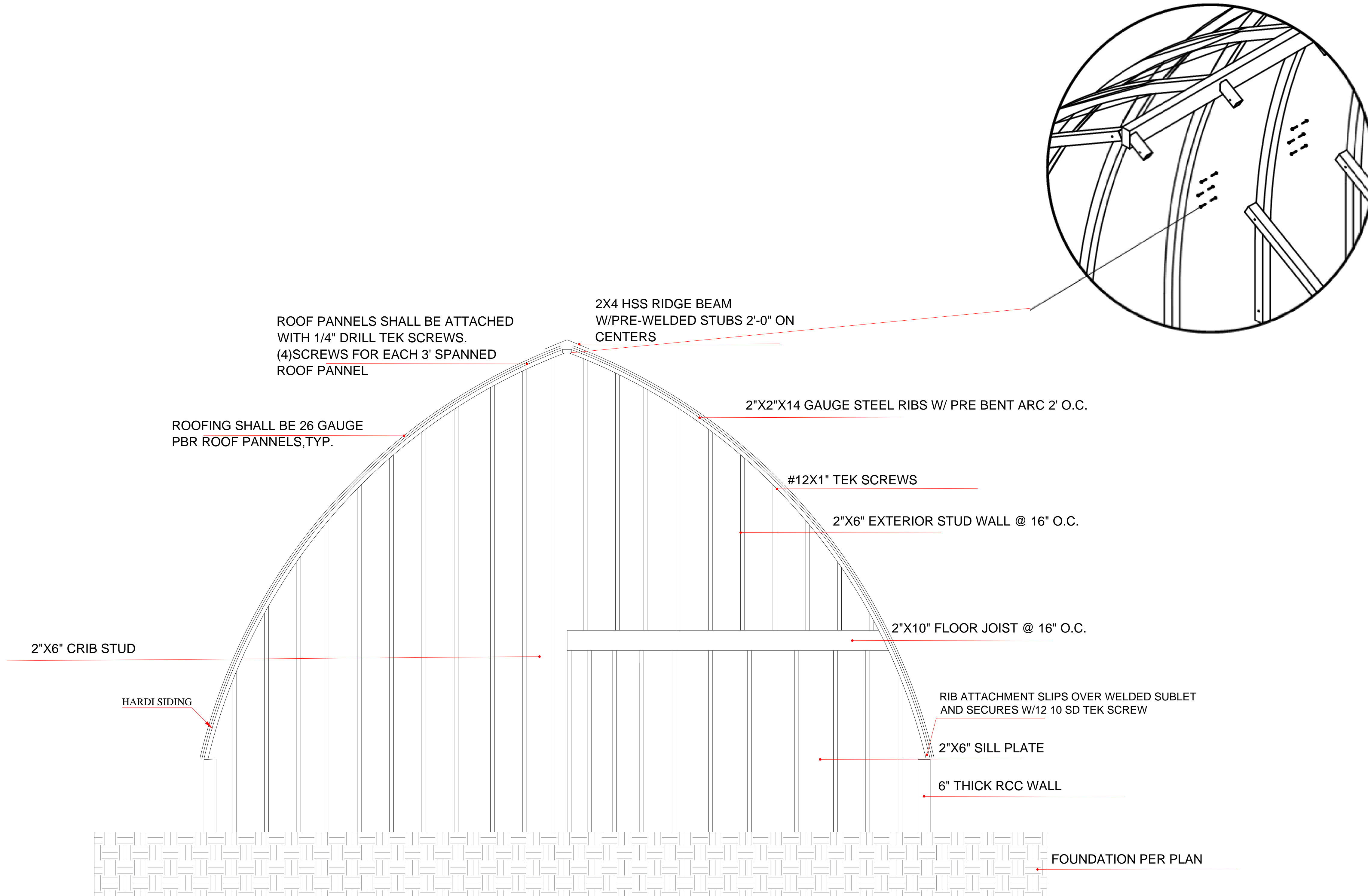
DATE:

11-08-2024

SHEET NUMBER:

ST-07

FRAMING SECTION DETAIL



PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

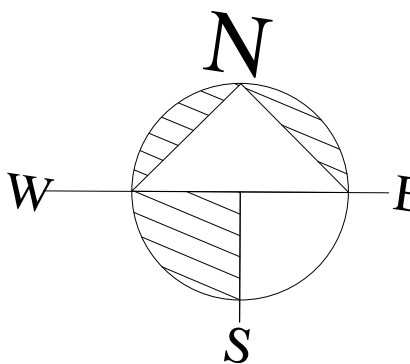
ARCHITECTURAL AND
STRUCTURAL DRAWING OF 2
STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

FRAMING SECTION DETAIL



DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

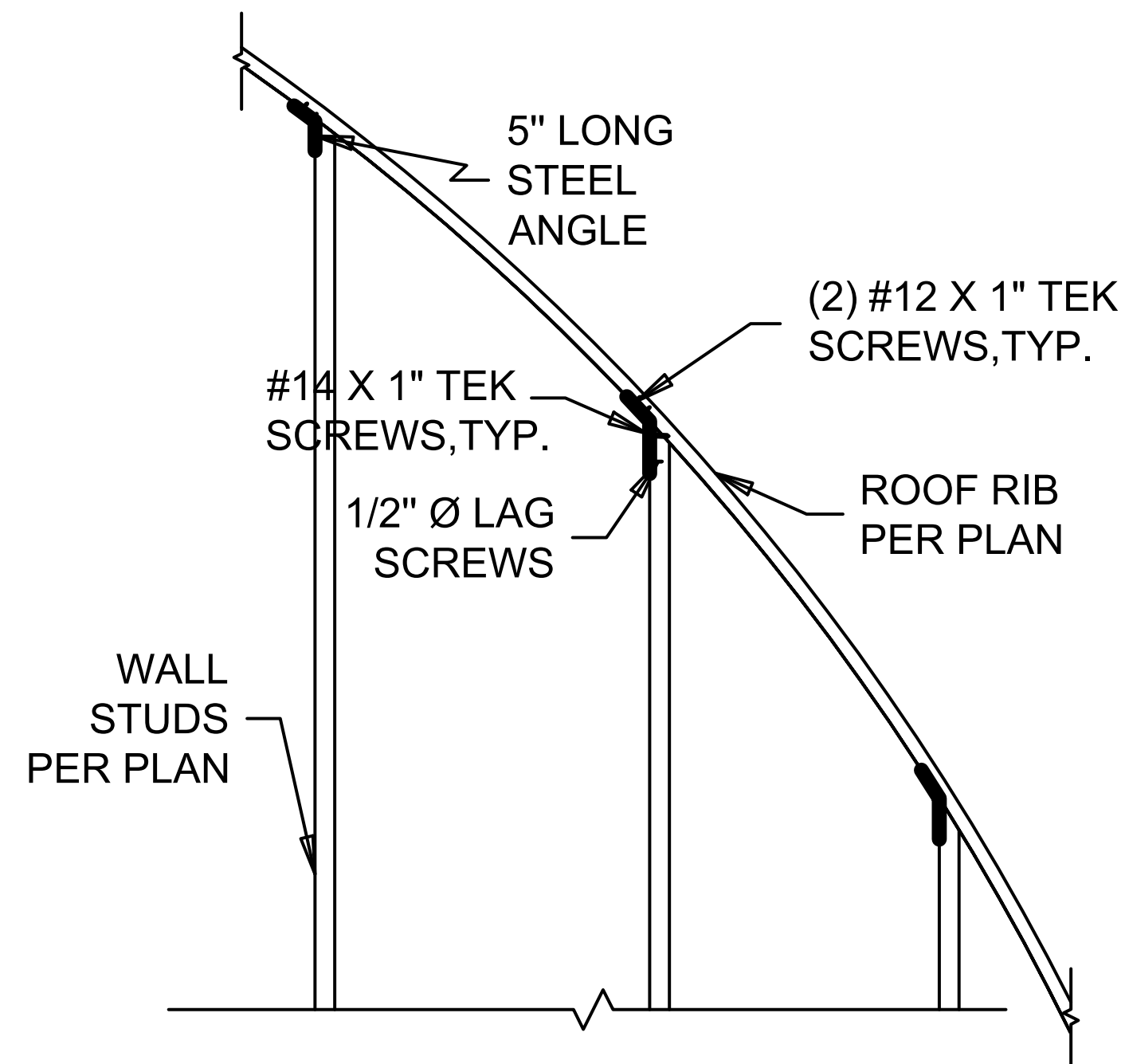
REV. NO: 00

SCALE: 3/8" = 1'-0"

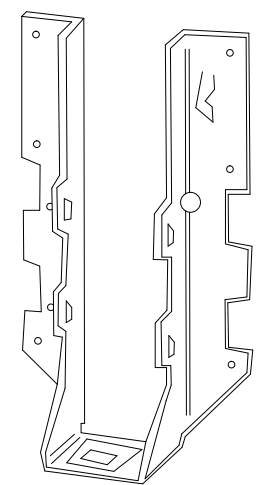
DATE: 11-08-2024

SHEET NUMBER:

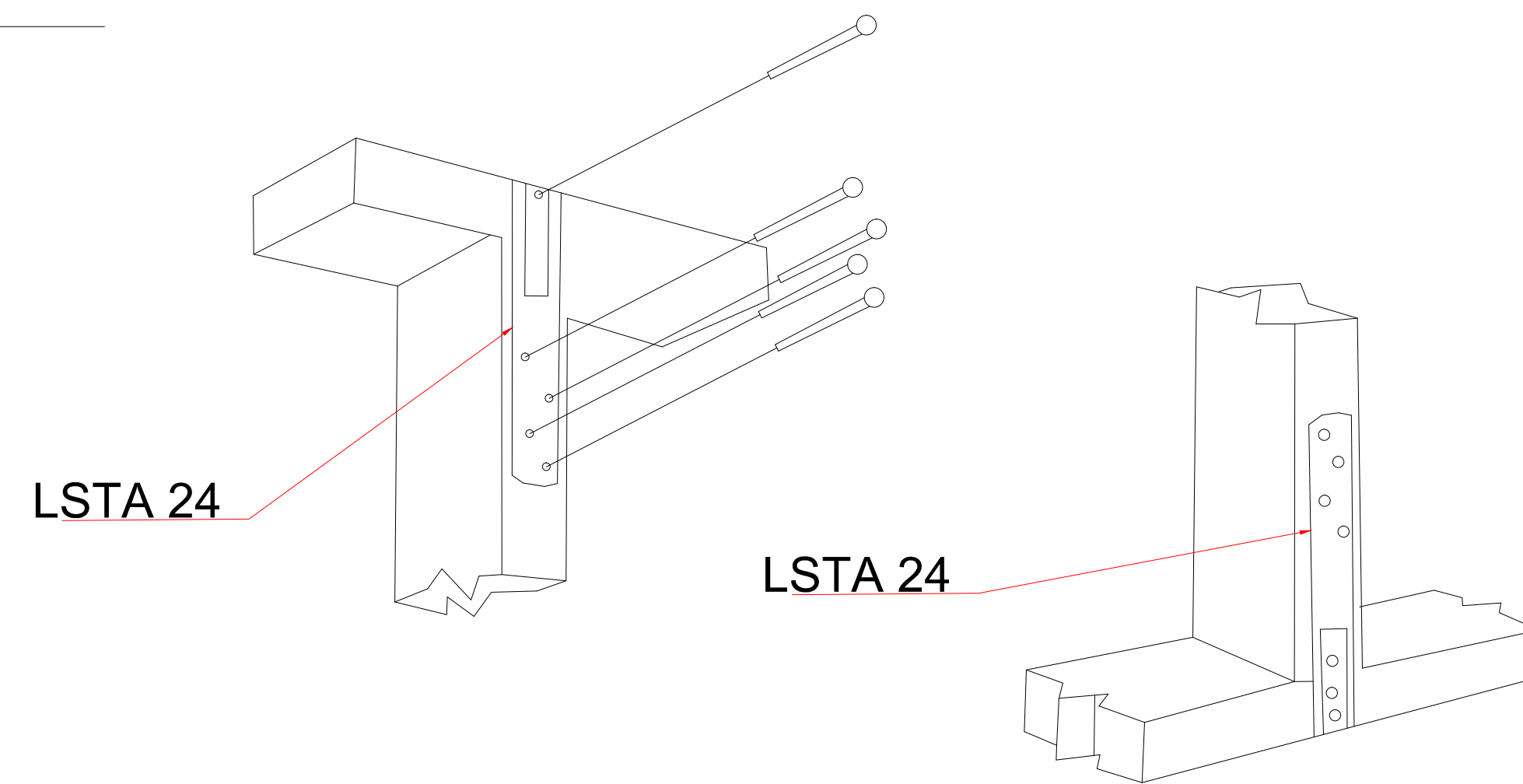
ST-08



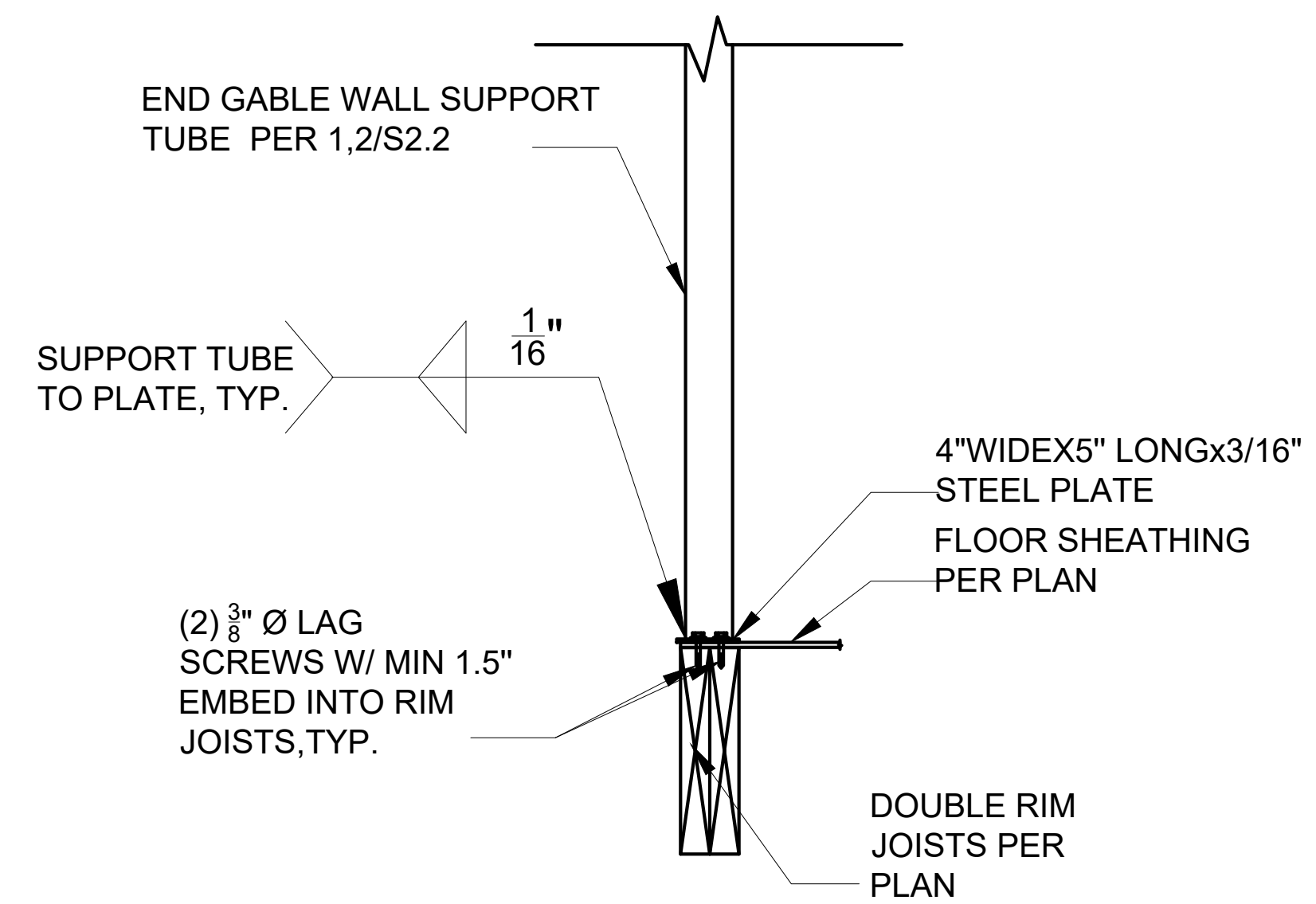
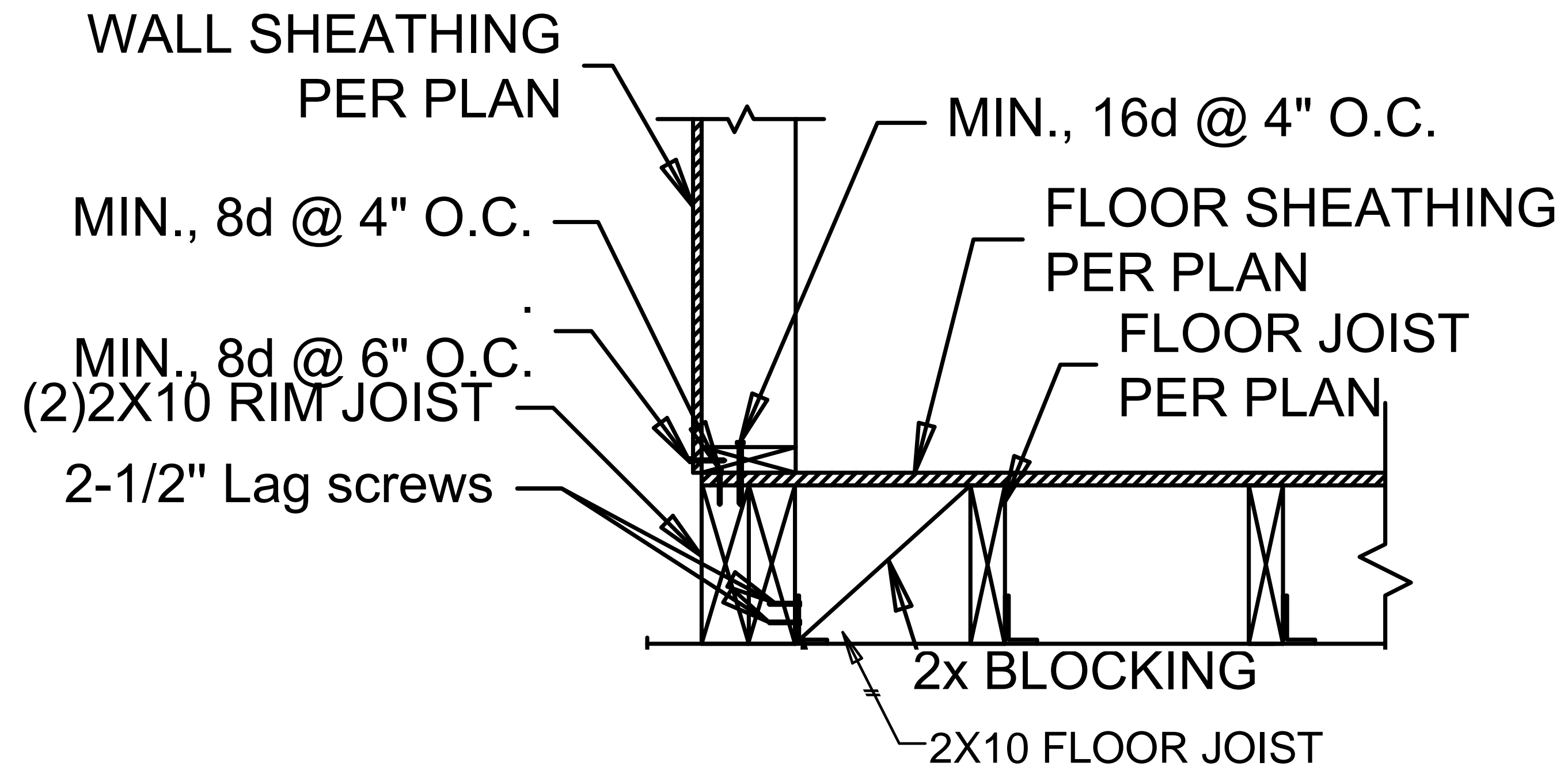
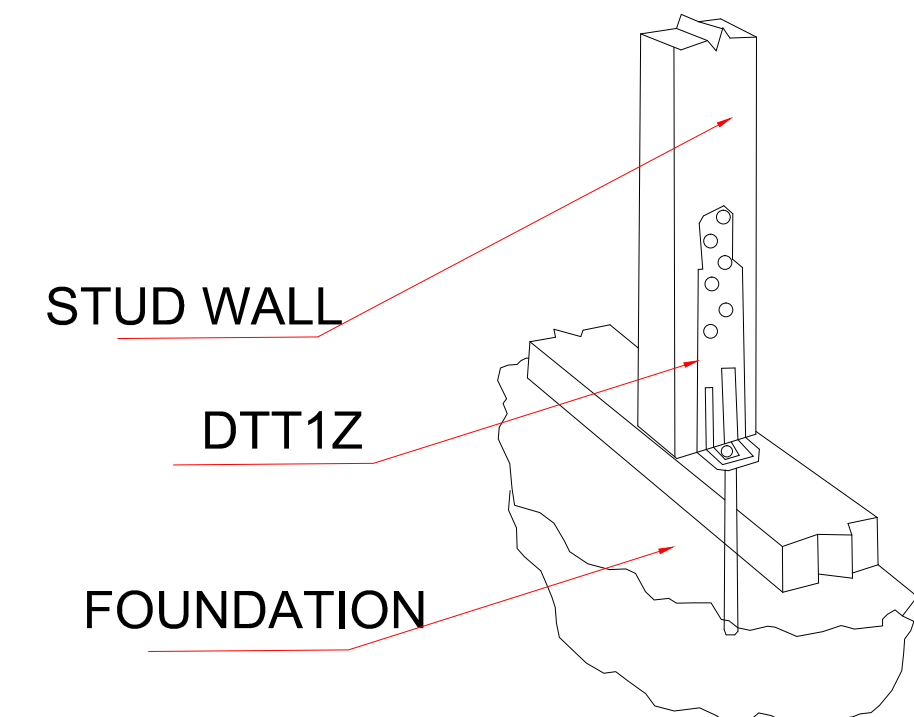
1 WALL STUDE TO RIB
ATTACHMENT DETAIL
SCALE: N.T.S.



JOIST HANGER



STUD TOP-STUD
BOTTOM) CONNECTION



3 GABLE WALL POST BASE CONNECTION DETAIL
NTS

TYPICAL DETAILS

PROJECT TITLE:

ARCHED HOUSE

PROJECT DESCRIPTION:

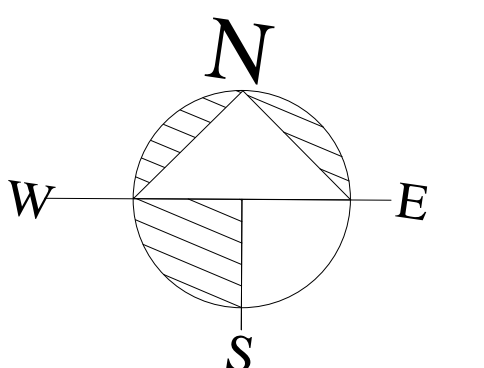
ARCHITECTURAL AND
STRUCTURAL DRAWING OF 2
STORY ARCHED HOUSE

DIMENSIONS: 30'-0"X30'-0"

ADDRESS:

SHEET TITLE:

TYPICAL DETAIL



DESIGNED BY: HMZ

DRAWN BY: HMZ

CKD BY: HMZ

REV. NO: 00

SCALE: 3/8" = 1'-0"

DATE: 11-08-2024

SHEET NUMBER:

ST-09