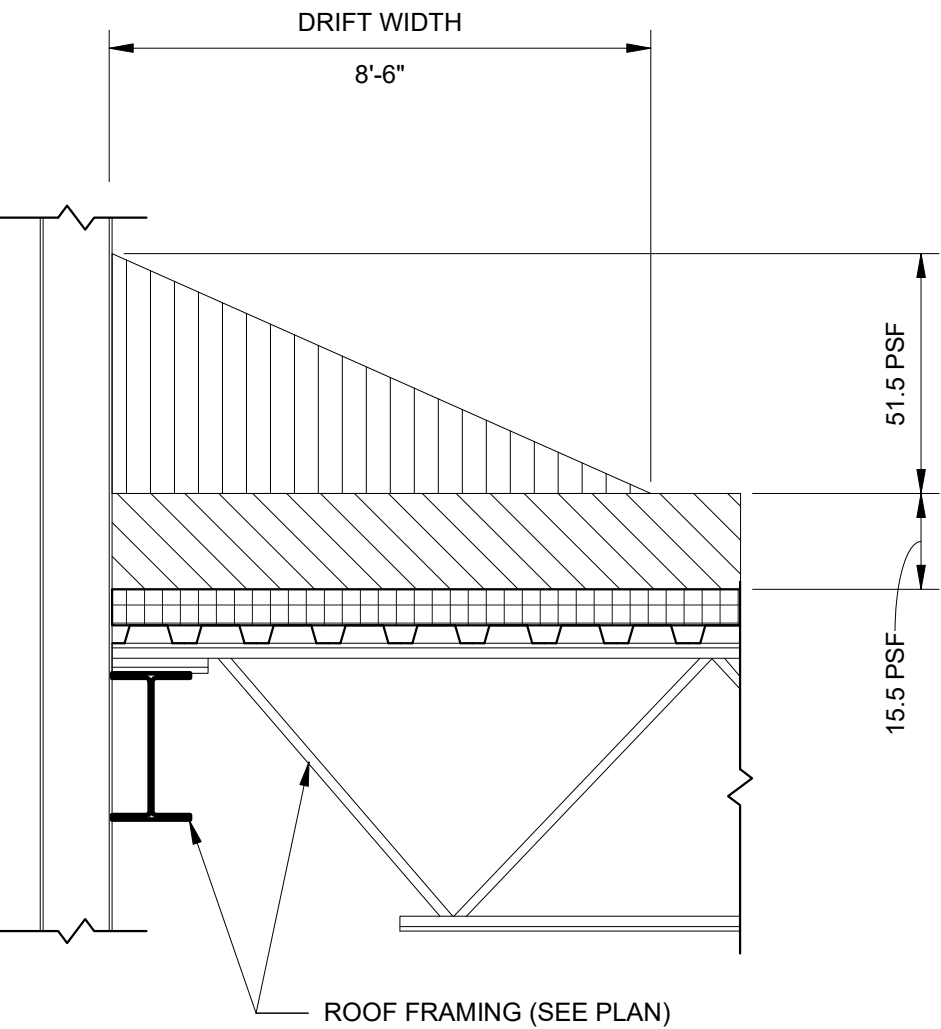


GENERAL CONDITIONS AND COORDINATION

- NOTES SHOWN ON GENERAL NOTES SHEET SHALL GOVERN THE MINIMUM STANDARDS FOR MATERIALS, WORKMANSHIP, AND GENERAL CONSTRUCTION PRACTICES UNLESS NOTED OTHERWISE IN SPECIFICATIONS OR ON DRAWINGS.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN AND DISTRIBUTE ALL CURRENT CONTRACT DOCUMENTS AND ADDENDA TO SUPPLIERS AND SUB-CONTRACTORS FOR THE USE OF SHOP DRAWING PRODUCTION AND FABRICATION PRIOR TO CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COMPARE THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER DRAWINGS, AND REPORT ANY DISCREPANCIES AMONG OR WITHIN THE DRAWING SETS PRIOR TO FABRICATION OR CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, FLOOR ELEVATIONS, DROPS, SLOPES, DRAINS, EMBEDDED ITEMS, ETC., PRIOR TO CONSTRUCTION.
- THE DETAILS AND SECTIONS SHOWN ON STRUCTURAL DRAWINGS APPLY GENERALLY TO ALL AREAS OF SIMILAR OR LIKE CONDITIONS THROUGHOUT THE DRAWINGS.
- STRUCTURAL DRAWINGS INDICATE TYPICAL AND INDIVIDUAL SPECIFIC CONDITIONS ONLY. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR/SUB-CONTRACTOR TO PREPARE SHOP DRAWINGS DETAILING CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON DRAWINGS.
- THE USE OF THESE STRUCTURAL DRAWINGS BY ANY CONTRACTOR, SUB-CONTRACTOR, MATERIAL SUPPLIER, FABRICATOR, OR ERECTOR WITHOUT THE PREPARATION OF SHOP DRAWINGS REPRESENTS HIS ACCEPTANCE OF THESE DRAWINGS AS COMPLETE AND CORRECT. AS A RESULT, ANY EXPENSE ACQUIRED AS A RESULT OF ERRORS OCCURRING ON DRAWINGS IS THE RESPONSIBILITY OF THE INDIVIDUAL PARTY.
- SHOP DRAWINGS MAY BE SUBMITTED TO ENGINEER FOR REVIEW FOR CORRECTNESS OF STRUCTURAL INTENT. CONTRACTOR, SUB-CONTRACTOR, MATERIAL SUPPLIER, FABRICATOR, OR ERECTOR SHOULD ANTICIPATE A MINIMUM 15 BUSINESS DAY REVIEW PERIOD BY ENGINEER.
- THE DESIGN AND PROVISION FOR ALL TEMPORARY SUPPORTS OR FRAMING, AND NON-STRUCTURAL FRAMING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. TEMPORARY SUPPORTS SHALL NOT OVERSTRESS OR CAUSE DAMAGE TO THE PERMANENT STRUCTURAL ELEMENTS. REFERENCE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALL NON-STRUCTURAL FRAMING REQUIRED.
- THE STRUCTURAL DRAWINGS AND ITEMS SHOWN HEREIN REPRESENT THE FINISHED STRUCTURE AND DO NOT NECESSARILY REPRESENT THE MEANS OR METHODS OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SUPERVISING THE WORK, AND THE MEANS, METHODS, PROCEDURES, TECHNIQUES, AND SEQUENCES OF CONSTRUCTION.
- THE STRUCTURE SHOWN HEREIN IS STRUCTURALLY SOUND WHEN ALL HORIZONTAL AND LATERAL PERMANENT BRACING INDICATED ON DRAWINGS IS INSTALLED IN THEIR ENTIRETY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY SUPPORT OF ALL ELEMENTS TO RESIST GRAVITY, EARTH, WIND, SEISMIC, AND CONSTRUCTION LOADS DURING CONSTRUCTION.
- ALL ELEVATIONS SHOWN ARE FOR STRUCTURAL REFERENCE PURPOSES ONLY. REFER TO CIVIL FOR DATUM ELEVATIONS

SOIL AND SUBGRADE CONDITION

- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO THOROUGHLY READ, UNDERSTAND THE DESIGN CRITERIA AND FOLLOW THE RELATED BUILDING PAD PREPARATION REQUIREMENTS SET FORTH IN THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
- FOUNDATION DESIGN IS BASED ON GEOTECHNICAL INVESTIGATION BY GEOTILL INC. VIA REPORT NO. 111914702 DATED 04/01/2019
- BUILDING PAD PREPARATION SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS IN GEOTECHNICAL REPORT. REMOVE EXISTING FILL AND UPPER-MOST STRATUM I SOILS (APPROXIMATELY 2 TO 2 1/2 FEET BELOW EXISTING GRADE) AND REPLACE W/ WELL COMPACTED SELECT FILL. IN ACCORDANCE WITH GEOTECHNICAL REPORT. IN AREAS WHERE FOOTING BEARING ELEVATION IS BELOW EXISTING GRADE, REMOVAL OF EXISTING FILL AND UPPER-MOST STRATUM I SOILS WILL RANGE FROM APPROXIMATELY 2 TO 10 FEET BELOW FOOTING BEARING ELEVATION.
- ANY FILL WORK WITHIN 5 FT. OF BUILDING EXTENTS SHALL BE PROPERLY PLACED AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DEFINED IN ASTM D698 STANDARD PROCTOR TEST.
- POSITIVE DRAINAGE SHALL BE PROVIDED AND MAINTAINED AWAY FROM THE BUILDING DURING CONSTRUCTION AND PERMANENTLY. STORED EXCAVATION MATERIAL AND/OR CONSTRUCTION MATERIALS SHALL NOT DISRUPT POSITIVE DRAINAGE AWAY FROM BUILDING.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY REQUIRED BACK FILLING OF WALLS, PIERS, FOOTINGS, ETC., SUCH THAT SYMMETRICAL LOADING OCCURS. IN THE EVENT THAT CONDITIONS PREVENT SUCH SYMMETRICAL LOADING, TEMPORARY SHORING SHALL BE PROVIDED AND MAINTAINED UNTIL PERMANENT HORIZONTAL AND VERTICAL BRACING ELEMENTS ARE PLACED AND PROPERLY SET.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN STABILITY OF EXCAVATIONS UNTIL PROPERLY BACK FILLED. EXCAVATIONS SHALL REMAIN FREE OF LOOSE DEBRIS/MATERIAL, AND WATER. EXCAVATIONS SHALL BE DE-WATERED AND ALL WET MATERIAL REMOVED/REPLACED PRIOR TO CONCRETE PLACEMENT.
- HEAVY EQUIPMENT NECESSARY FOR SPREADING AND COMPACTING BACK FILL MATERIAL SHALL NOT BE OPERATED CLOSER THAN A DISTANCE EQUAL TO THE HEIGHT OF BACK FILL MATERIAL ABOVE THE WALL, PIER, FOOTING, ETC. HAND TAMPING SHALL BE USED TO COMPACT THE REMAINING AREA.
- EXCAVATED MATERIAL MAY BE USED AS BACKFILL IF FOUND TO BE ACCEPTABLE TO THE GEOTECHNICAL ENGINEER. OTHERWISE, PROVIDE SELECT FILL IN ACCORDANCE WITH GEOTECHNICAL REPORT AS BACKFILL MATERIAL.
- BUILDING PAD PREPARATION SHALL BE SUCH THAT THE THICKNESS OF FOUNDATION SLAB-ON-GRADE SHALL NOT BE REDUCED BY MORE THAN 5 PERCENT OF DEPTH SHOWN ON DRAWINGS



SNOW DRIFT LOAD

SPECIAL INSPECTIONS

- THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE (RDPIRC) FOR THIS PROJECT IS THE ARCHITECT. SUBMIT ALL INSPECTION REPORTS DIRECTLY TO THE RDPIRC FOR REVIEW. SUBMIT A COPY OF THE STRUCTURAL RELATED SPECIAL INSPECTION REPORTS TO THE EOR REVIEW.
- THE RDPIRC AND SPECIAL INSPECTORS MAY NOT BE IN THE EMPLOY OF THE GENERAL CONTRACTOR, SUBCONTRACTORS OR MATERIAL SUPPLIERS. IN THE CASE OF AN OWNER/CONTRACTOR, THE BUILDING OFFICIAL SHALL SPECIFY WHO EMPLOYS THE RDPIRC AND SPECIAL INSPECTORS.
- ALL SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 1704 AND 1705 OF THE IBC INCLUDING ADOPTED AMENDMENTS. SPECIAL INSPECTIONS ARE IN ADDITION TO INSPECTIONS REQUIRED BY SECTION 110 OF THE IBC. FABRICATORS SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE RDPIRC STATING THAT ALL WORK WAS PERFORMED UNDER THE INSPECTION SERVICES OF A SPECIAL INSPECTOR OR UNDER THE INSPECTION SERVICES OF A NATIONALLY RECOGNIZED TRADE ORGANIZATION THAT REQUIRES QUALITY CONTROL INSPECTIONS.
- SPECIAL INSPECTION SHALL COMPLY WITH THE FOLLOWING:

MATERIAL	CODE REFERENCE
SOILS	IBC TABLE 1705.6
CONCRETE	IBC TABLE 1705.3
STRUCTURAL STEEL	AISC 360
LIGHT-GAUGE STEEL	IBC TABLE 1705.2.2
OPEN WEB STEEL JOISTS	IBC TABLE 1705.2.5
STRUCTURAL MASONRY	ACI 530

REQUIRED INSPECTIONS

- SPECIAL INSPECTIONS PER NOTES AND REQUIREMENTS OF AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL UTILIZE THIRD PARTY INSPECTION SERVICE TO PROVIDE THE FOLLOWING:
 - SOIL COMPACTION
 - PRE-CONCRETE PLACEMENT INSPECTION
 - ROOF SHEATHING ATTACHMENT
 - FRAMING, INCLUDING UPLIFT HARDWARE
 - CMU REINFORCEMENT AND GROUTING
 - STEEL INSTALLATION (SIZE AND LOCATION), WELDING AND BOLTING
- REFER TO GENERAL NOTES FOR REQUIRED TESTING.

SHOP DRAWINGS:

SHOP DRAWINGS FOR REINFORCING STEEL AND STRUCTURAL STEEL SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.

THE CONTRACTOR SHALL SUBMIT CONCRETE WALL ELEVATION DRAWINGS OF AT LEAST 1/8" = 1'-0" SCALE INDICATING LOCATIONS OF CONNECTION EMBEDMENTS AND WALL OPENINGS FOR REVIEW PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH REINFORCEMENT DRAWINGS.

DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD; THEREFORE, THEY SHALL BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL REVIEW DRAWINGS FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATIONS OF CONSTRUCTION, AND ALL SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. SUBMITTALS SHALL INCLUDE ONE REPRODUCIBLE AND ONE COPY; REPRODUCIBLE WILL BE MARKED AND RETURNED.

SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT, BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED, AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWINGS SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

SHOP DRAWINGS FOR DEFERRED SUBMITTALS THAT ARE DEFINED AS DESIGN-BUILD COMPONENTS IN THE CONSTRUCTION DOCUMENTS SHALL INCLUDE THE DESIGNING PROFESSIONAL ENGINEER'S STAMP FOR THE JURISDICTION WHERE THE PROJECT IS LOCATED AND SHALL BE APPROVED BY THE COMPONENT DESIGNER PRIOR TO CURSORY REVIEW BY THE ENGINEER OF RECORD FOR LOADS IMPOSED ON THE BASIC STRUCTURE. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL NECESSARY CONNECTIONS NOT SPECIFICALLY CALLED OUT ON ARCHITECTURAL OR STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL INDICATE MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON BASIC STRUCTURE. DESIGN CALCULATIONS SHALL BE INCLUDED IN THE SUBMITTAL.

SUBMITTALS

- TWENTY WORKING DAYS PRIOR TO SUBMITTING SHOP DRAWINGS, THE CONTRACTOR SHALL SUBMIT FOR EOR'S REVIEW A SCHEDULE WHICH DETAILS THE ESTIMATED QUANTITY OF SHOP DRAWINGS AND THE DATE THE SHOP DRAWINGS WILL BE RECEIVED BY THE EOR. THE EOR SHALL HAVE THE OPPORTUNITY TO REVIEW THE PROPOSED SCHEDULE AND SUBMITS COMMENTS TO THE CONTRACTOR. THE FINAL SHOP DRAWING SCHEDULE SHALL BE DEVELOPED AND SUBMITTED TO THE EOR. IN ACCORDANCE WITH THE SHOP DRAWING SCHEDULE, THE EOR WILL RETURN THE SHOP DRAWING ITEMS WITHIN 20 WORKING DAYS AFTER HAVING RECEIVED THE REPRODUCIBLE OR ELECTRONIC SHOP DRAWING.
- THE CONTRACTOR IS TO REVIEW EACH SUBMITTAL PRIOR TO FORWARDING TO ARCHITECT AND EOR. THE CONTRACTOR IS TO STAMP EACH SUBMITTAL VERIFYING THAT THE FOLLOWING IS ADDRESSED:
 - THE SHOP DRAWING IS REQUESTED.
 - THE SHOP DRAWING IS BASED ON THE LATEST DESIGN.
 - THE ARCHITECT'S AND EOR'S COMMENTS FROM ANY PREVIOUS SUBMITTALS ARE ADDRESSED.
 - THE WORK IS COORDINATED AMONG ALL CONSTRUCTION TRADES
 - REVISIONS FROM PREVIOUS SUBMITTALS ARE CLEARLY MARKED BY CIRCILING OR CLOUDS.
 - SUBMITTAL IS COMPLETE.
 - SUBMITTAL DOES NOT INCLUDE SUBSTITUTION REQUEST
 - SUBMITTAL SHALL INCLUDE A STAMP INDICATING PROJECT NAME AND LOCATION, SUBMITTAL NUMBER, SPECIFICATION SECTION NUMBER.
- THE EOR SHALL RETURN, WITHOUT COMMENT, SUBMITTALS WHICH THE CONTRACTOR HAS NOT STAMPED OR WHICH DO NOT MEET THE ABOVE REQUIREMENTS. THE EOR'S REVIEW OF SUBMITTALS SHALL BE FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT. NO WORK SHALL BE STARTED WITHOUT SUCH REVIEW.
- FOR COMPONENTS THAT REQUIRE ENGINEERING BY THE CONTRACTOR, PROVIDE A NOTE ON EACH SHOP DRAWING, WRITTEN AND SIGNED BY THE SUPPLIER'S ENGINEER, INDICATING THAT THE SHOP DRAWING IS IN CONFORMANCE WITH THE CALCULATIONS OF THE CONTRACTOR'S ENGINEER.
- THE FOLLOWING ITEMS REQUIRE SUBMITTALS FOR STRUCTURAL REVIEW:
 - CONCRETE REINFORCING LAYOUT
 - CONCRETE MIX DESIGNS
 - LIGHT GAUGE FRAMING
 - STRUCTURAL STEEL
 - STRUCTURAL STEEL CONNECTIONS
 - SHEAR STUD LAYOUT
 - STEEL FLOOR DECK
 - STEEL ROOF DECK
 - METAL STAIRS
 - STRUCTURAL STEEL JOISTS - OPEN WEB

INDIANA BUILDING CODE 2014 EDITION

DESIGN CRITERIA:

STRUCTURAL DESIGN IN GENERAL ACCORDANCE WITH INDIANA BUILDING CODE 2014 EDITION (INTERNATIONAL BUILDING CODE 2012 AS AMENDED). ALL DESIGN, MATERIAL AND WORKMANSHIP SHALL CONFORM TO THE AFOREMENTIONED GOVERNING BUILDING CODE AND THE SUPPLEMENTARY CODES REFERENCED HEREWITH

- DESIGN LOADS: MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-10
- CONCRETE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, AMERICAN CONCRETE INSTITUTE, ACI 318-11
- CONCRETE MASONRY: BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, AMERICAN CONCRETE INSTITUTE, ACI 530-11
- STRUCTURAL STEEL: SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS AND STEEL CONSTRUCTION MANUAL, AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC 360-10 AND AISC 325-11
- LIGHT-GAUGE STEEL: NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AMERICAN IRON AND STEEL INSTITUTE, S100-07
- STEEL JOIST/GIRDERS: STANDARD SPECIFICATION FOR OPEN WEB STEEL JOIST K-SERIES (K-10), STANDARD SPECIFICATION FOR LONG SPAN STEEL JOIST LH/DLH -SERIES (LH/DLH-10), STANDARD SPECIFICATION FOR JOIST GIRDER JG-SERIES (JG-10)

USE GROUP: A-3 (PLACES OF RELIGIOUS WORSHIP)

RISK CATEGORY: III

FLOOR LIVE LOAD (L):

100 PSF (LOBBIES & FIRST FLOOR CORRIDOR)
40 PSF (CLASS ROOM)

ROOF LIVE LOAD (Lr): 20PSF

WIND (W):

ANALYSIS PROCEDURE: ASCE 7-10/IBC 2012
BASIC WIND SPEED: 120 MPH
EXPOSURE CATEGORY: C
C_e WINDWARD = 0.8
C_e LEEWARD = -0.5
C_s SIDE WALL = -0.7
HEIGHT = ±26'-0"

SNOW (S):

GROUND SNOW LOAD: 20 PSF
EXPOSURE FACTOR, C_e: 1.0
THERMAL FACTOR, C_t: 1.1
IMPORTANCE FACTOR, I: 1.1
MINIMUM SNOW LOAD: 22 PSF

SEISMIC (E):

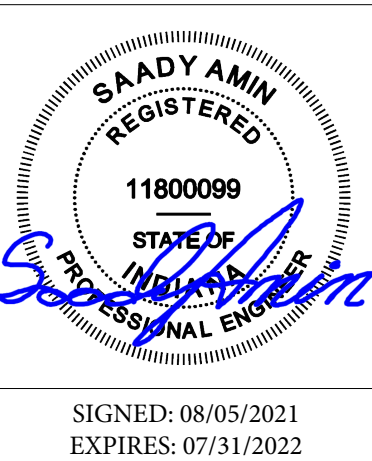
IMPORTANCE FACTOR: 1.25
SITE CLASS: D
SHORT PERIODS, S_s (G): 0.148
1-SEC. PERIOD, S₁ (G): 0.082
DESIGN SHORT PERIODS, S_{0.2} (G): 0.158
DESIGN 1-SEC. PERIOD, S_{0.1} (G): 0.131
SEISMIC DESIGN CATEGORY: B

LOAD COMBINATIONS:

- D + (L OR S)
- D + (0.6W OR +/- 0.7E)
- D + 0.75 (0.6W OR +/- 0.7E) + 0.75 (Lr OR S)
- 0.6D + (0.6W OR +/-0.7E)

SHEET SCHEDULE

SHEET NUMBER	SHEET NAME
S1	GENERAL NOTES
S2	EXTERIOR ISOMETRIC VIEWS
S3	FRAMING ISOMETIC
S4	STRUCTURAL GRID PLAN
S5	FOUNDATION PLAN
S6	FOUNDATION DETAILS
S7	FOUNDATION DETAILS-2
S8	FLOOR FRAMING PLAN
S9	FLOOR FRAMING DETAILS
S10	LOW ROOF FRAMING PLAN
S11	ROOF FRAMING DETAILS
S12	GYM ROOF & WALL FRAMING
S13	PRAYER HALL ROOF
S14	CANOPY



GENERAL NOTES

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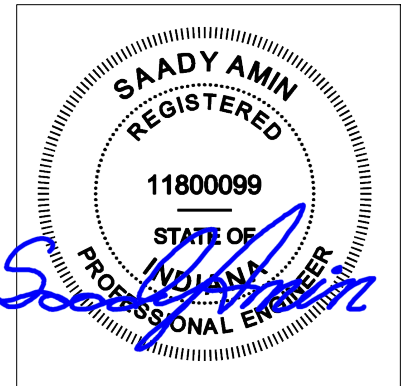
ISLAMIC LIFE CENTER

14120 Shelborne Road, Carmel, IN 46074

DRAWING DATE 03/17/2021

CONSTRUCTION DRAWINGS

S1



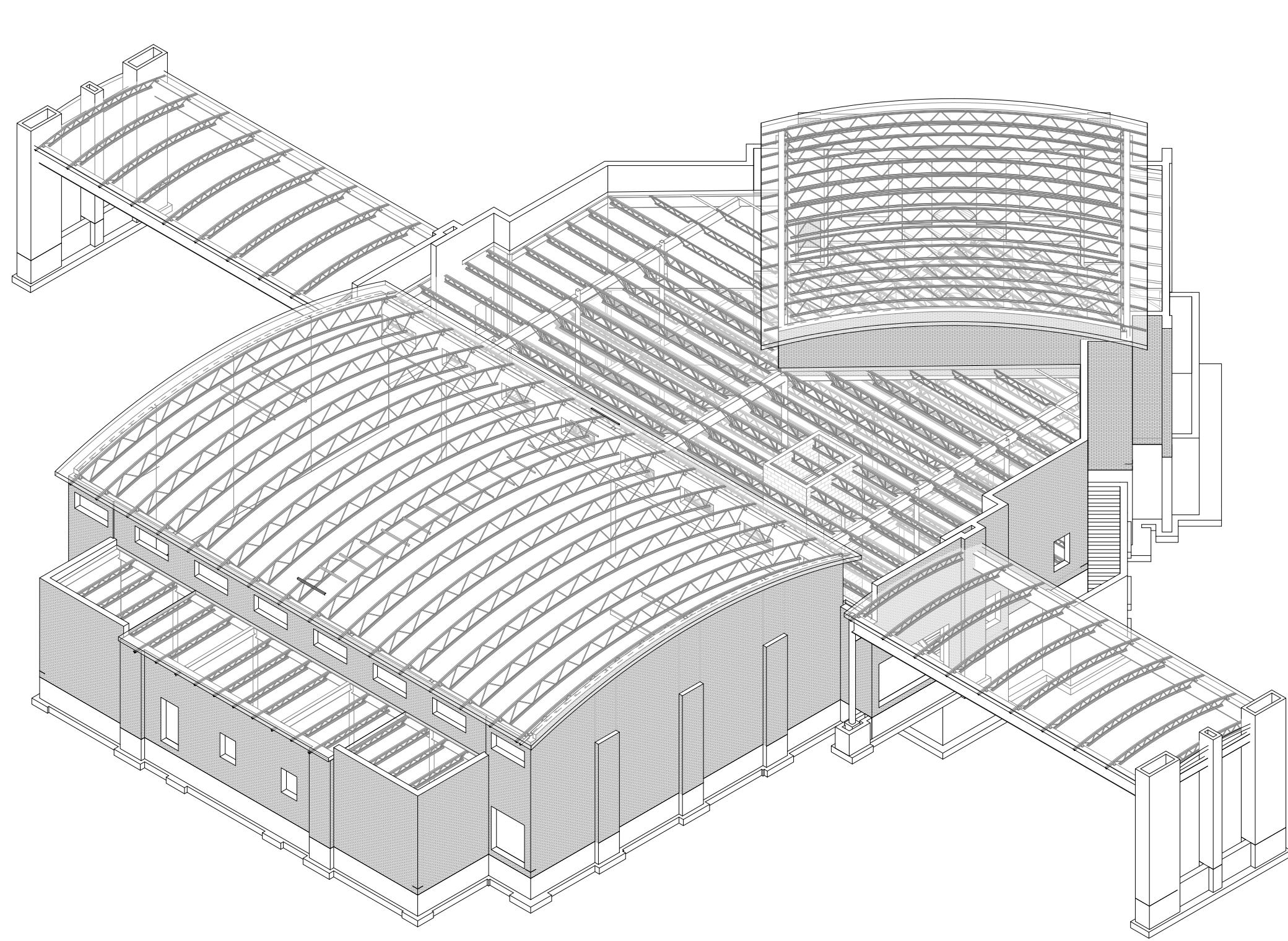
SIGNED: 08/05/2021
EXPIRES: 07/31/2022

A&A ENGINEERING
CIVIL • STRUCTURAL
6036 RENAISSANCE PLACE
TOLEDO, OH 43560
PHONE: (419) 292-1983
EMAIL: projects@aa-engineers.com
WEB: www.aa-engineers.com

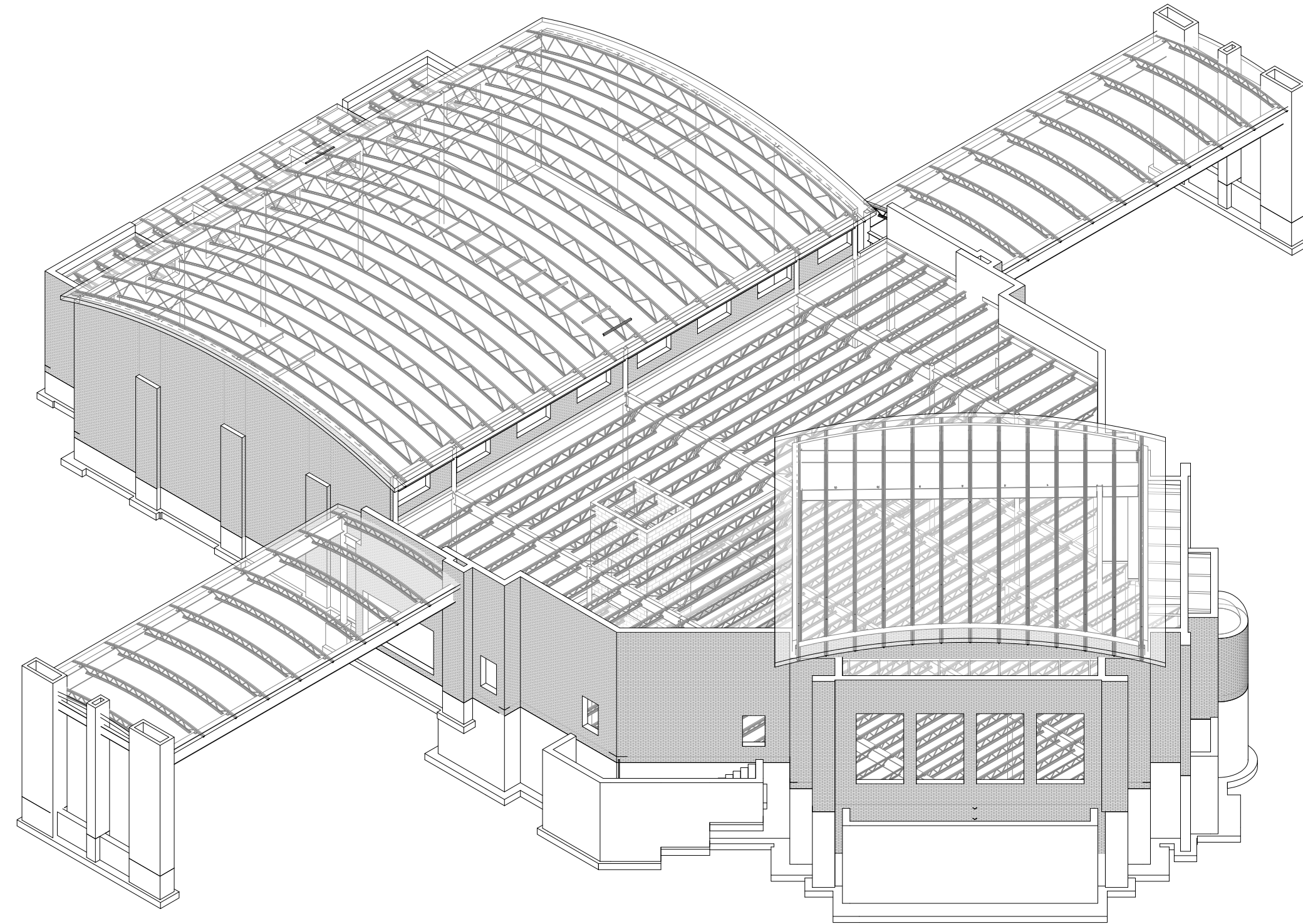
EXTERIOR ISOMETRIC VIEWS
Al Salam Foundation
ISLAMIC LIFE CENTER
14120 Shelborne Road, Carmel, IN 46074

DRAWING DATE 01/11/2021
CONSTRUCTION DRAWINGS

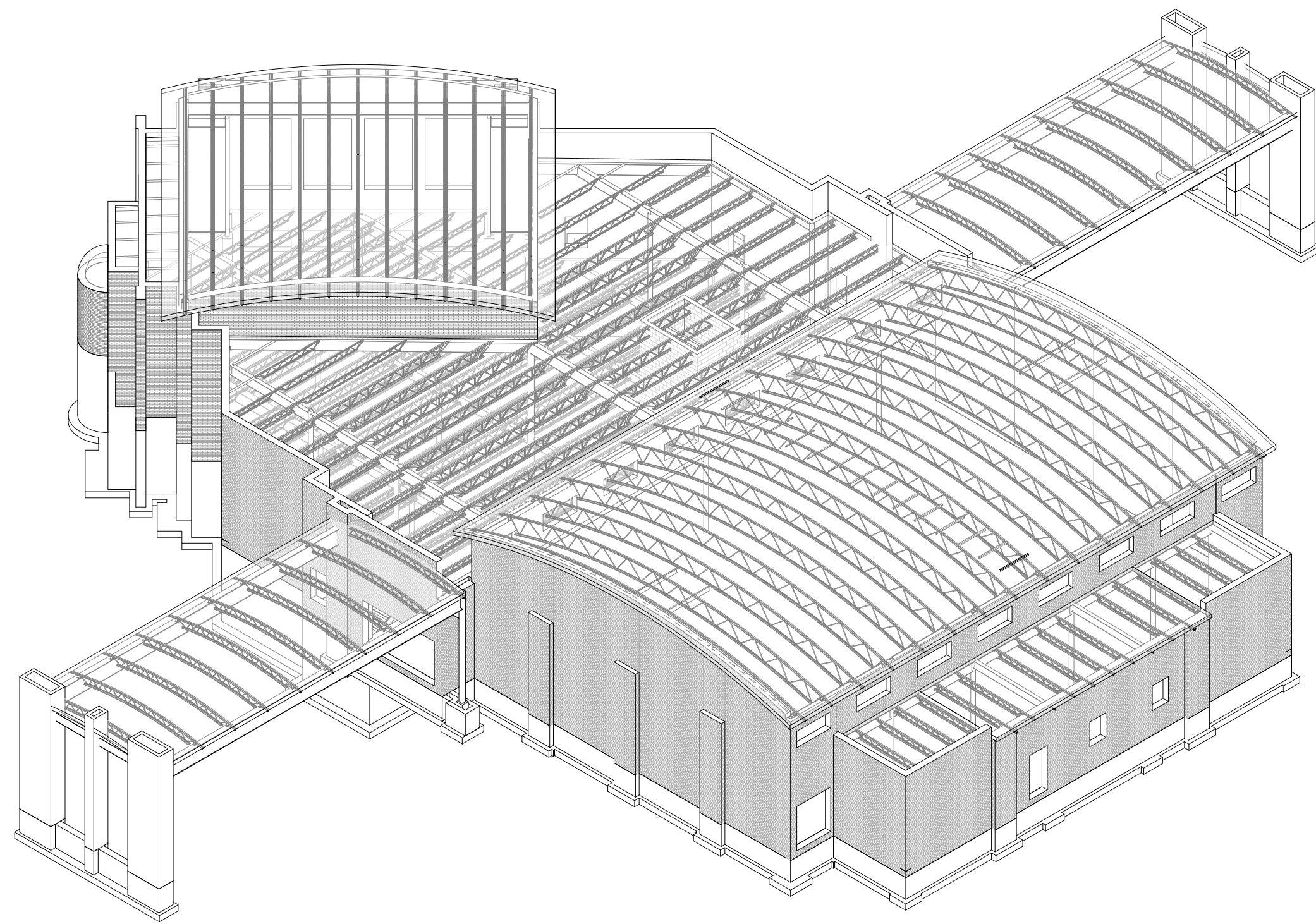
S2



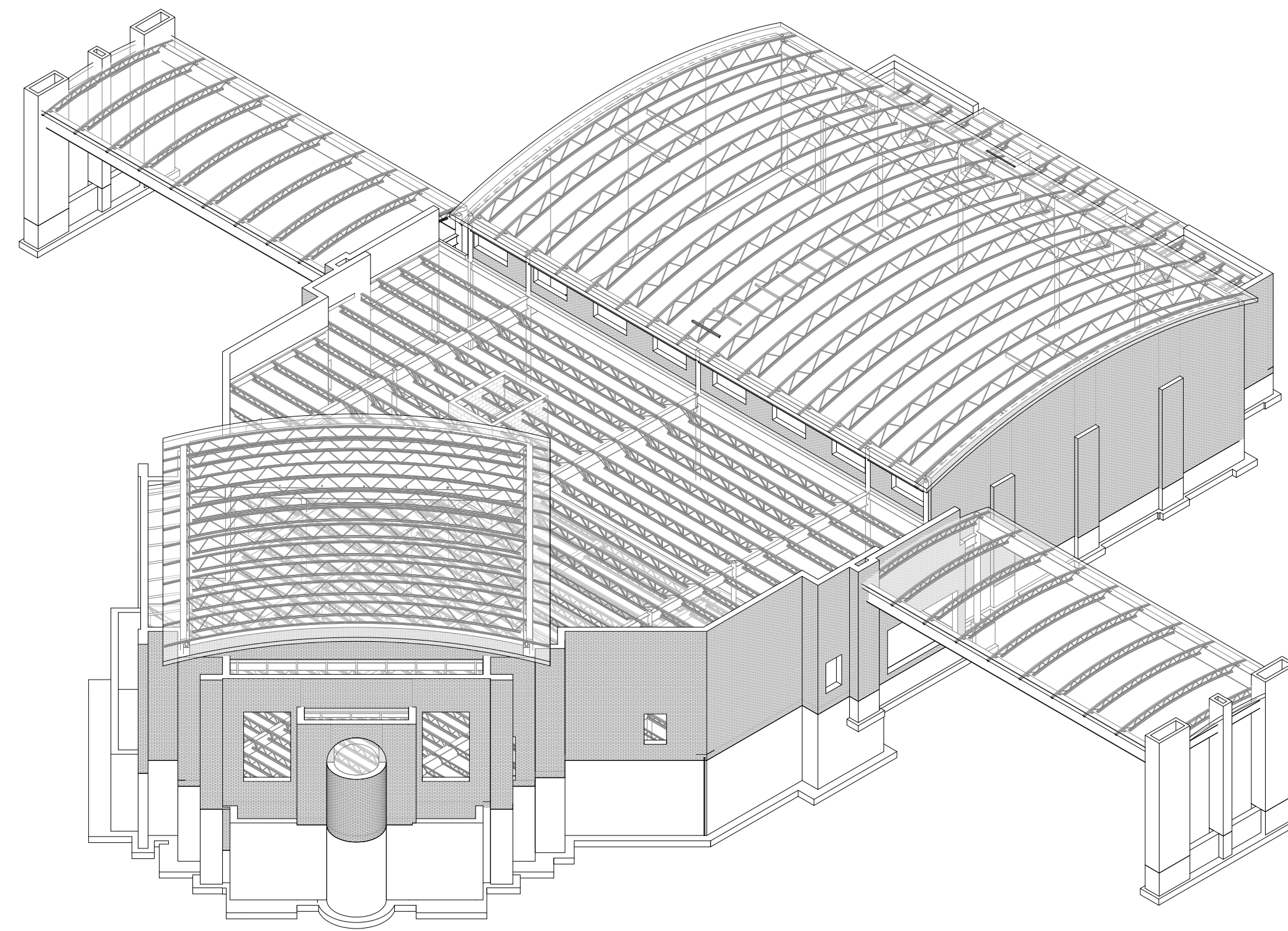
1 NE ISOMETRIC VIEW



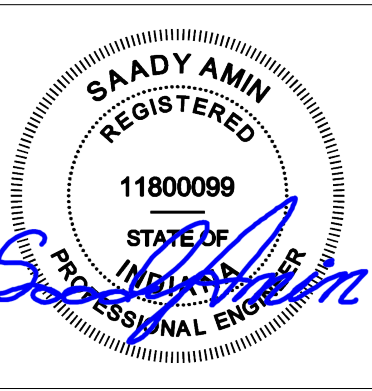
2 NW ISOMETRIC VIEW



3 SE ISOMETRIC VIEW



4 SW ISOMETRIC VIEW



SIGNED: 08/05/2021
EXPIRES: 07/31/2022



A&A ENGINEERING
CIVIL + STRUCTURAL

6036 RENAISSANCE PLACE
TOLEDO, OH 43560
PHONE: (419) 292-1983
EMAIL: projects@aa-engineers.com
WEB: www.aa-engineers.com

FRAMING ISOMETRIC

Al Salam Foundation

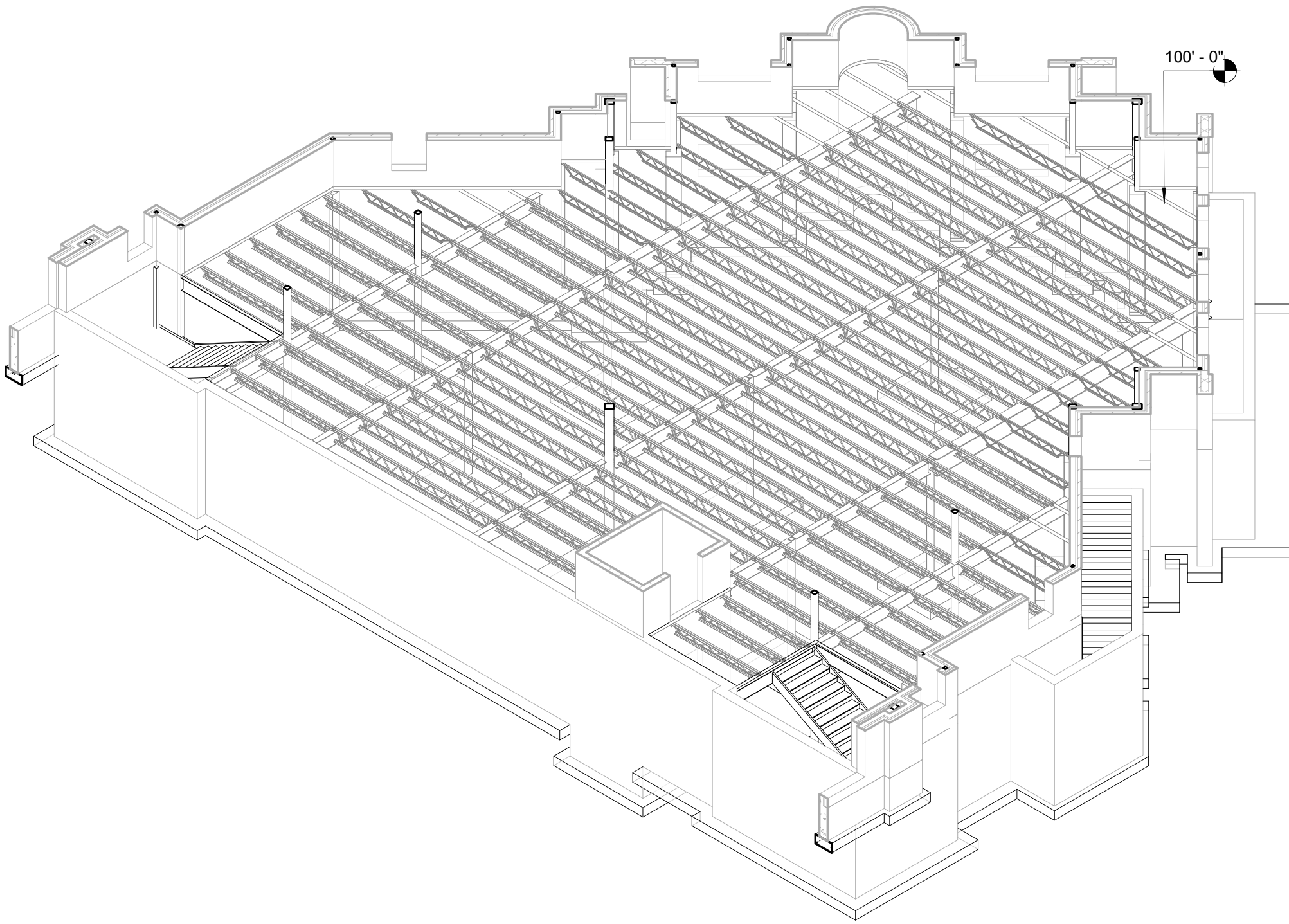
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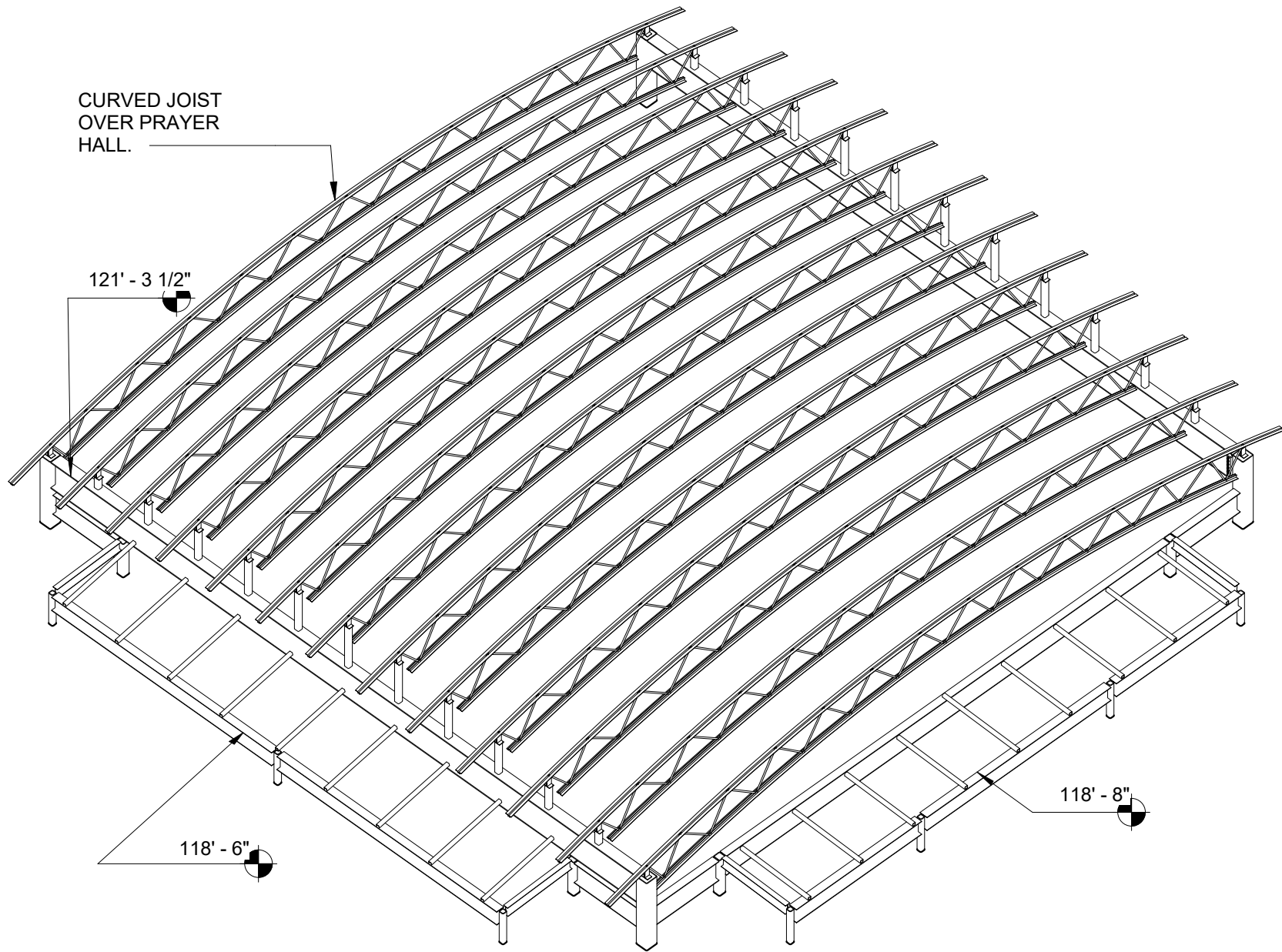
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CONSTRUCTION DRAWINGS

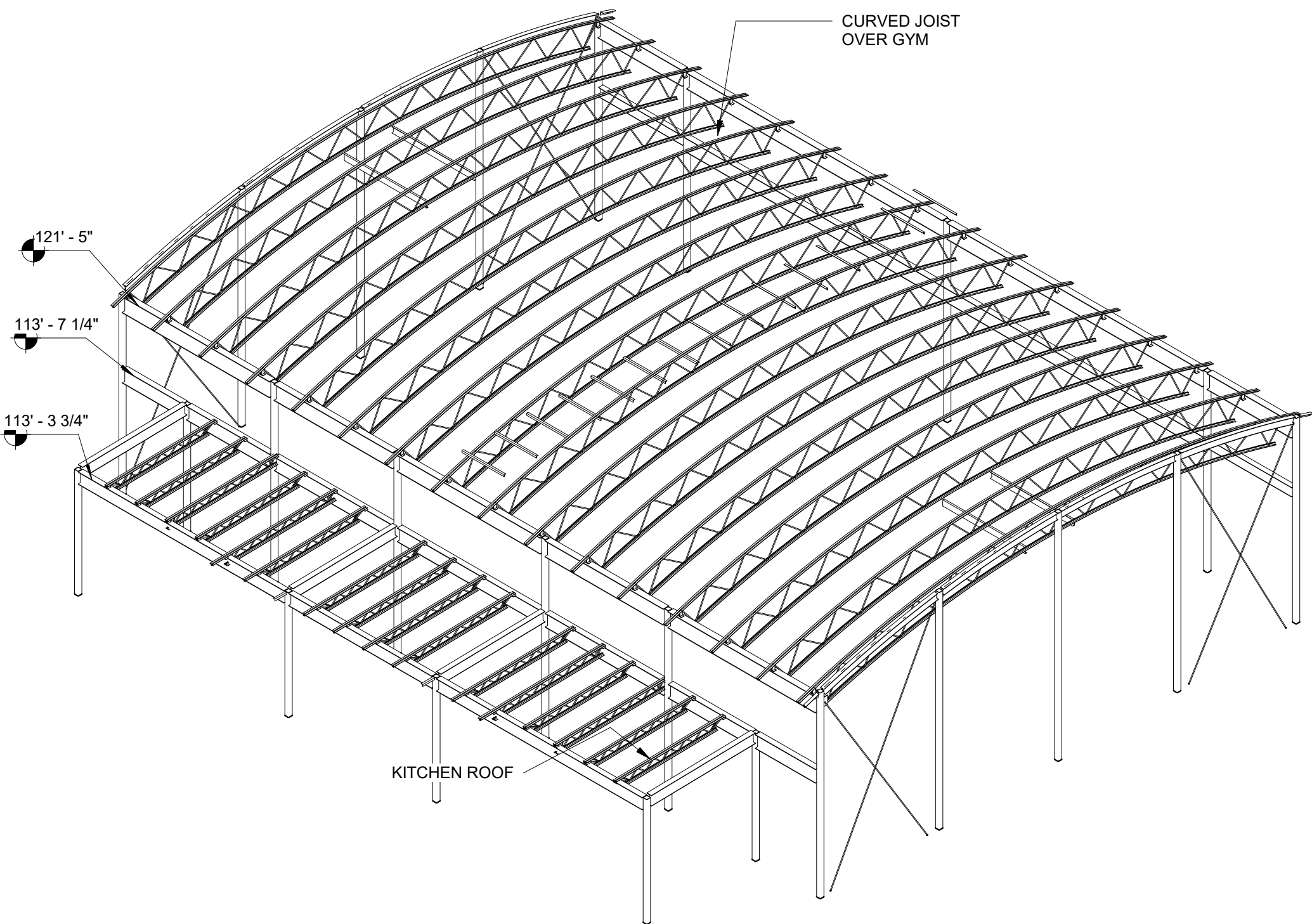
S3



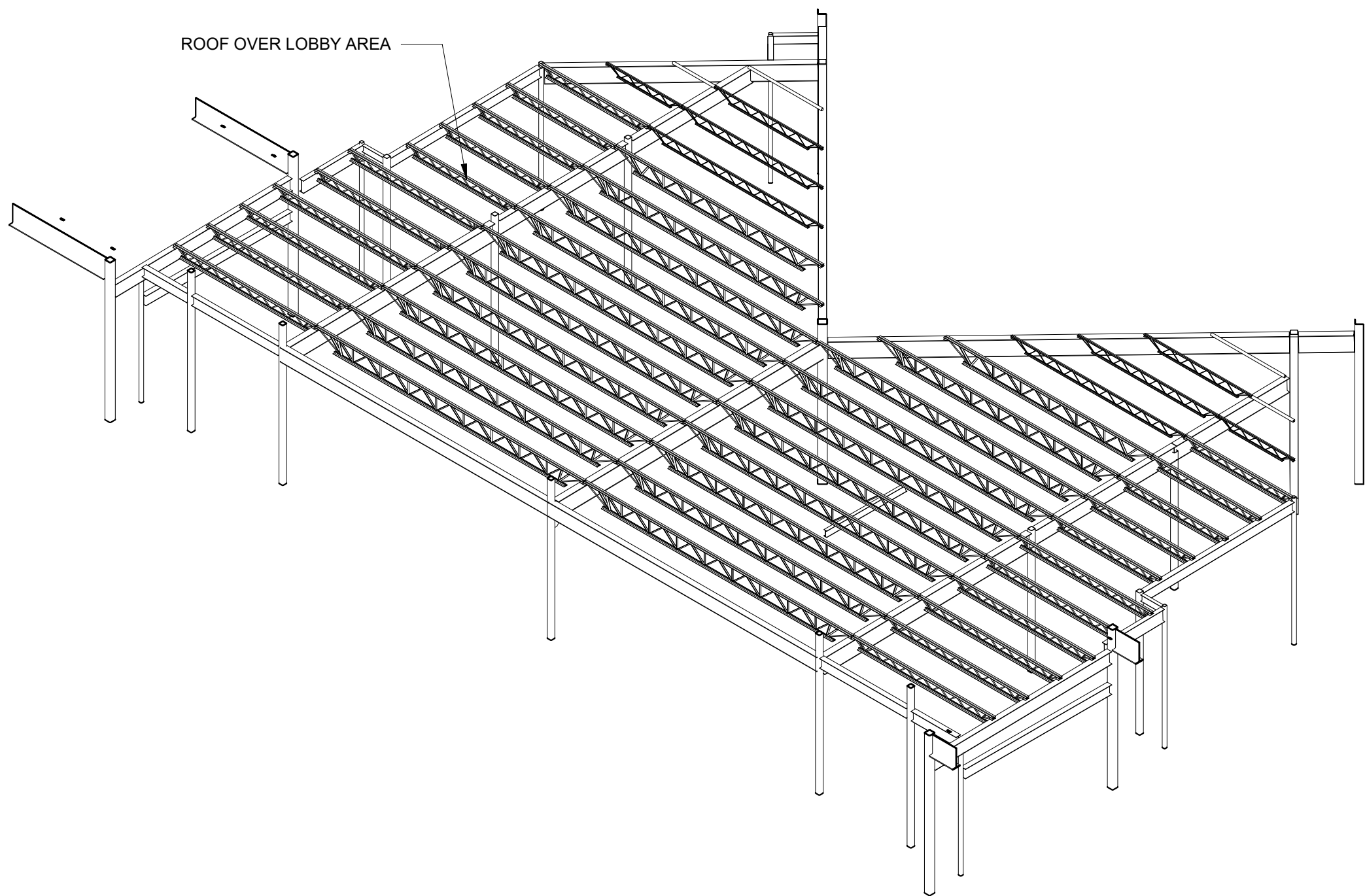
1 ISOMETRIC - LOWER LEVEL



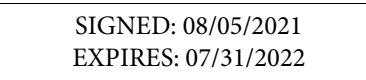
2 ISOMETRIC - PRAYER HALL ROOF



3 ISOMETRIC GYM



4 ISOMETRIC - LOBBY

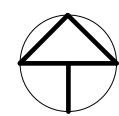


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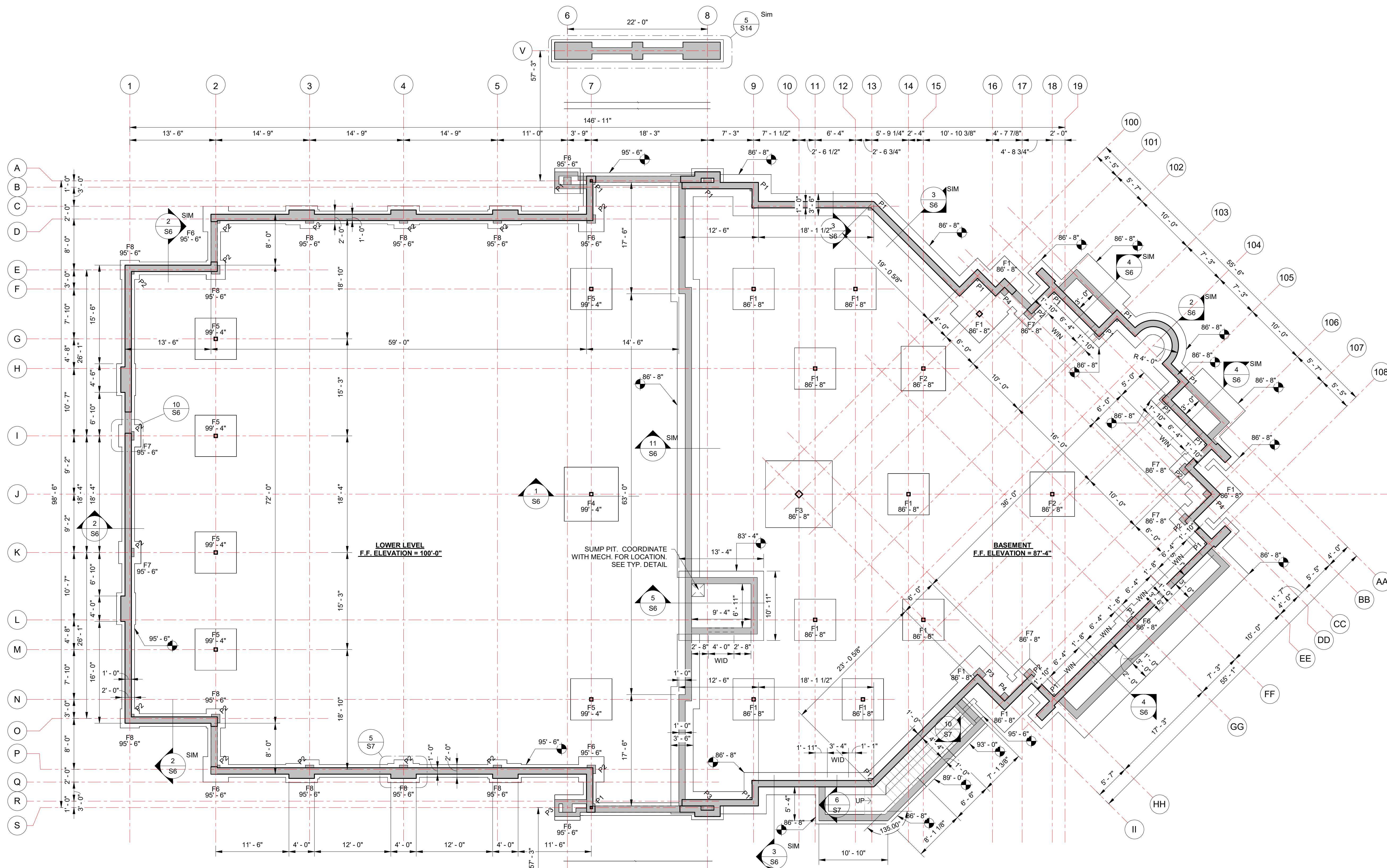
— 5 —

CONSTRUCTION DRAWINGS

S4



1 STRUCTURAL GRID PLAN
1/8" = 1'-0"



FOUNDATION NOTES:

- FOUNDATION DESIGNS ARE BASED ON ALLOWABLE NET SOIL BEARING CAPACITY OF 2000 PSF AS REPORTED BY GEOTECHNICAL INVESTIGATION BY GEOTILL INC. VIA REPORT NO. 111914702 DATED 04/01/2019.
- FOLLOW ALL RECOMMENDATIONS AS REPORTED IN GEOTECHNICAL REPORT INCLUDING AND NOT LIMITED TO SITE PREPARATION, FILL COMPACTION, FOUNDATION EXCAVATION, CONSTRUCTION DEWATERING, AND CONSTRUCTION MONITORING.
- FOOTINGS SHALL ONLY BEAR ON FIRM NATURAL OR ON WELL COMPACTED ENGINEERING FILL THAT IS PLACED OVER FIRM NATURAL SOIL.
- KEEP FOUNDATION EXCAVATIONS FREE OF WATER AT ALL TIMES. REPLACE SOFT OR WEAKENED SOIL WITH CLASS III CONCRETE (MIN. 2000 PSI @ 28 DAYS).
- ALL CONCRETE DETAILING AND CONSTRUCTION TO BE IN ACCORDANCE WITH ACI 301 MANUAL OF CONCRETE CONSTRUCTION AND ACI 318.
- REINFORCING BARS TO CONFORM TO ASTM A615, GRADE 60. WELDED WIRE MESH TO CONFORM TO ASTM A185.
- PROVIDE CORNER BARS AT ALL FOOTINGS AND WALL CORNERS TO MATCH HORIZONTAL REINFORCEMENT. LAP CORNER BARS 30 BAR DIAMETERS (MINIMUM 1'-4").
- COORDINATE UTILITY PENETRATIONS THROUGH FOUNDATION WALLS BEFORE PLACEMENT OF FOUNDATIONS.
- THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER IF ACTUAL CONDITIONS VARY FROM INTENT OF FOUNDATION DRAWINGS.
- THE FINISH GRADE FOR IMPERVIOUS SURFACES ADJACENT TO THE FOUNDATION SHALL BE SLOPED AWAY FROM ALL SIDES OF THE NEW ADDITIONS AT A MIN. 5% SLOPE FOR A MIN. OF 10' MEASURED PERPENDICULAR TO THE FACE OF EACH WALL.

FOOTING SCHEDULE

MARK	SIZE (WxLxT)	REINFORCEMENT
F1	6'-6"x6'-6"x1'-0"	(8) #6 EACH WAY BOTT.
F2	7'-0"x7'-0"x1'-0"	(9) #6 EACH WAY TOP & BOTT
F3	10'-6"x10'-6"x1'-6"	(12) #6 EACH WAY TOP & BOTT.
F4	8'-6"x8'-6"x1'-6"	(10) #6 EACH WAY TOP & BOTT.
F5	6'-6"x6'-6"x1'-0"	(8) #6 EACH WAY BOTT.
F6	4'-0"x4'-0"x1'-0"	(6) #6 EACH WAY BOTT.
F7	3'-6"x3'-6"x1'-0"	(5) #6 EACH WAY BOTT.
F8	3'-0"x3'-0"x1'-0"	(4) #6 EACH WAY BOTT.

NOTE: REFER TO FOUNDATION PLAN FOR TOP OF FOUNDATION ELEVATION

FOUNDATION PLAN
1/8" = 1'-0"

SLAB ON GRADE:

- LOWER LEVEL SLAB ON GRADE: 4" CONC. REINF W/ 6X6-W4XW4 OVER 10 MIL VAPOR BARRIER. THE FLOOR SLAB BE SUPPORTED ON MINIMUM OF 6 IN. OF COMPACTED GRANULAR MATERIAL.
- BASEMENT SLAB ON GRADE: SHALL BE 4" CONC. REINF W/ 6X6-W4XW4 OVER 10 MIL VAPOR BARRIER & 6" THICK (MINIMUM) LAYER OF FREE-DRAINING AGGREGATE (E.G., INDIANA DEPARTMENT OF TRANSPORTATION COARSE AGGREGATE SIZE NO. 8 CRUSHED STONE) SHOULD BE PLACED BENEATH THE BASEMENT FLOOR AND PERFORATED DRAIN PIPES SET IN TRENCHES (BELOW THE DRAINAGE LAYER) AND FILLED WITH FREE-DRAINING AGGREGATE SHOULD BE INSTALLED BENEATH THE BASEMENT TO ASSURE DRAINAGE OF WATER FROM BENEATH THE FLOOR AS RECOMMENDED BY GEOTECHNICAL REPORT

COMPACTION NOTES:

- STRUCTURAL FILL SHOULD BE PLACED IN LIFTS OF SIX TO EIGHT INCHES LOOSE MEASURE. ALL FILL MATERIAL SHOULD BE PLACED IN HORIZONTAL LIFTS ADEQUATELY KEYED INTO STRIPPED AND SCARIFIED SUBGRADE SOILS. IN NO INSTANCE SHOULD PUDDLING OR JETTING OF THE BACKFILL MATERIALS BE ALLOWED AS A COMPACTION METHOD.
- STRUCTURAL FILL SHOULD BE PLACED BELOW FOUNDATIONS AND OTHER SETTLEMENT SENSITIVE STRUCTURES SHOULD BE COMPACTED TO A MINIMUM OF 90% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY OF THE SOIL (ASTM-D1557). COHESIVE STRUCTURAL FILL USED ABOVE FOUNDATION BOTTOMS OR BENEATH FLOOR SLABS SHOULD BE COMPACTED TO A MINIMUM OF 90% OF THE MODIFIED PROCTOR MAXIMUM DENSITY.
- ALL STRUCTURAL FILL SHOULD BE PROPERLY MOISTURE CONDITIONED PRIOR TO PLACEMENT. GRANULAR SOILS AND CRUSHED LIMESTONE PRODUCTS SHOULD BE MOISTURE CONDITIONED TO A RANGE OF ±3% OF OPTIMUM MOISTURE CONTENT OF MATERIAL. IF THE ON SITE CLAY SOILS ARE USED, THEY SHOULD BE COMPACTED WITHIN A MOISTURE CONTENT OF OPTIMUM THREE PERCENT OVER OPTIMUM.
- COMPACTION EQUIPMENT AND METHODS USED SHOULD BE APPROPRIATE FOR THE TYPES OF FILL MATERIALS BEING PLACED. COHESIVE SOILS SHOULD GENERALLY BE COMPACTED USING NON-VIBRATORY SHEEP'S FOOT ROLLERS. GRANULAR FILL MATERIAL SHOULD BE COMPACTED USING VIBRATORY OR NON-VIBRATORY SMOOTH-DRUM ROLLERS.
- DO NOT BACKFILL BEFORE CONCRETE ACHIEVES FULL CAPACITY

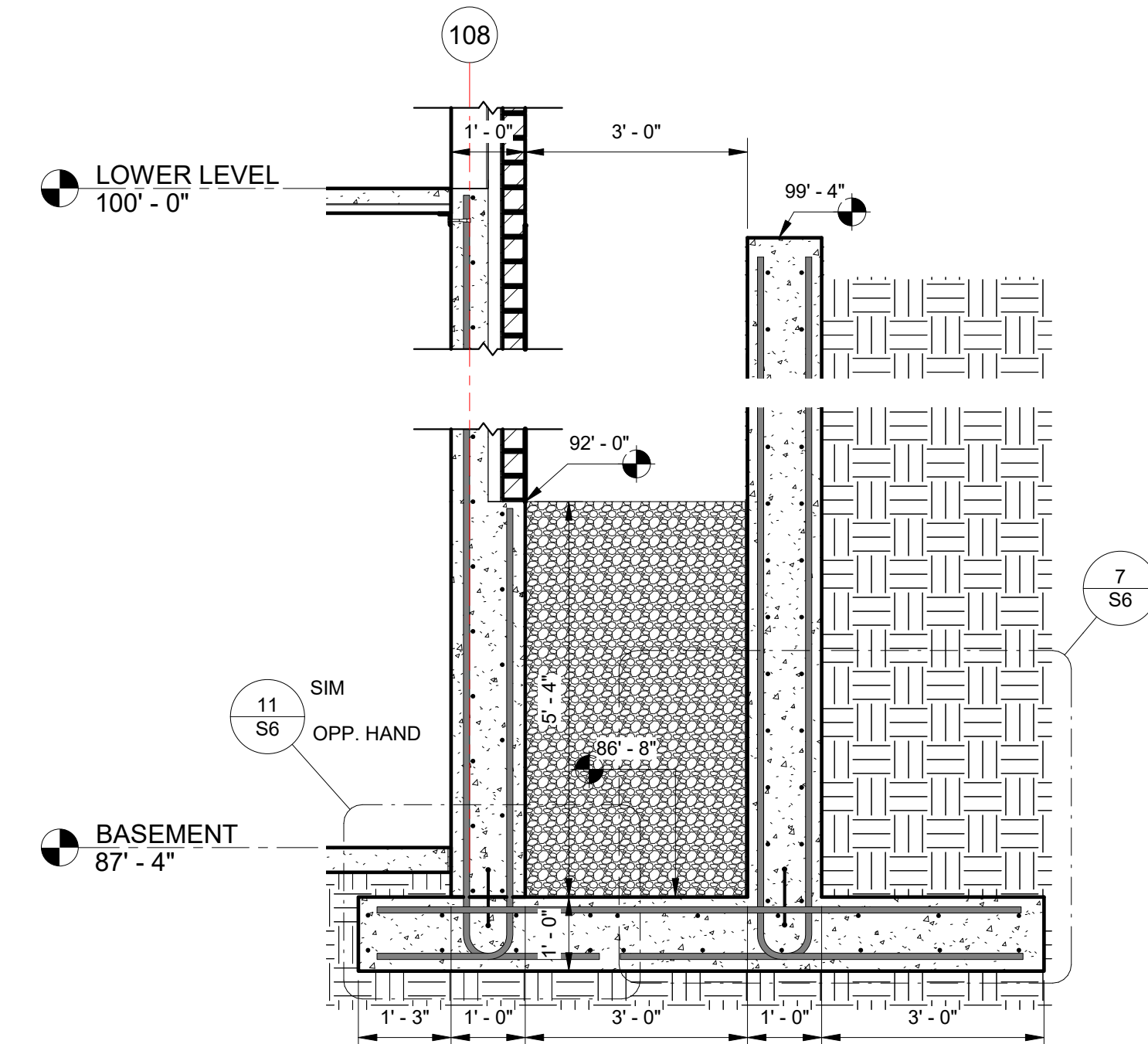




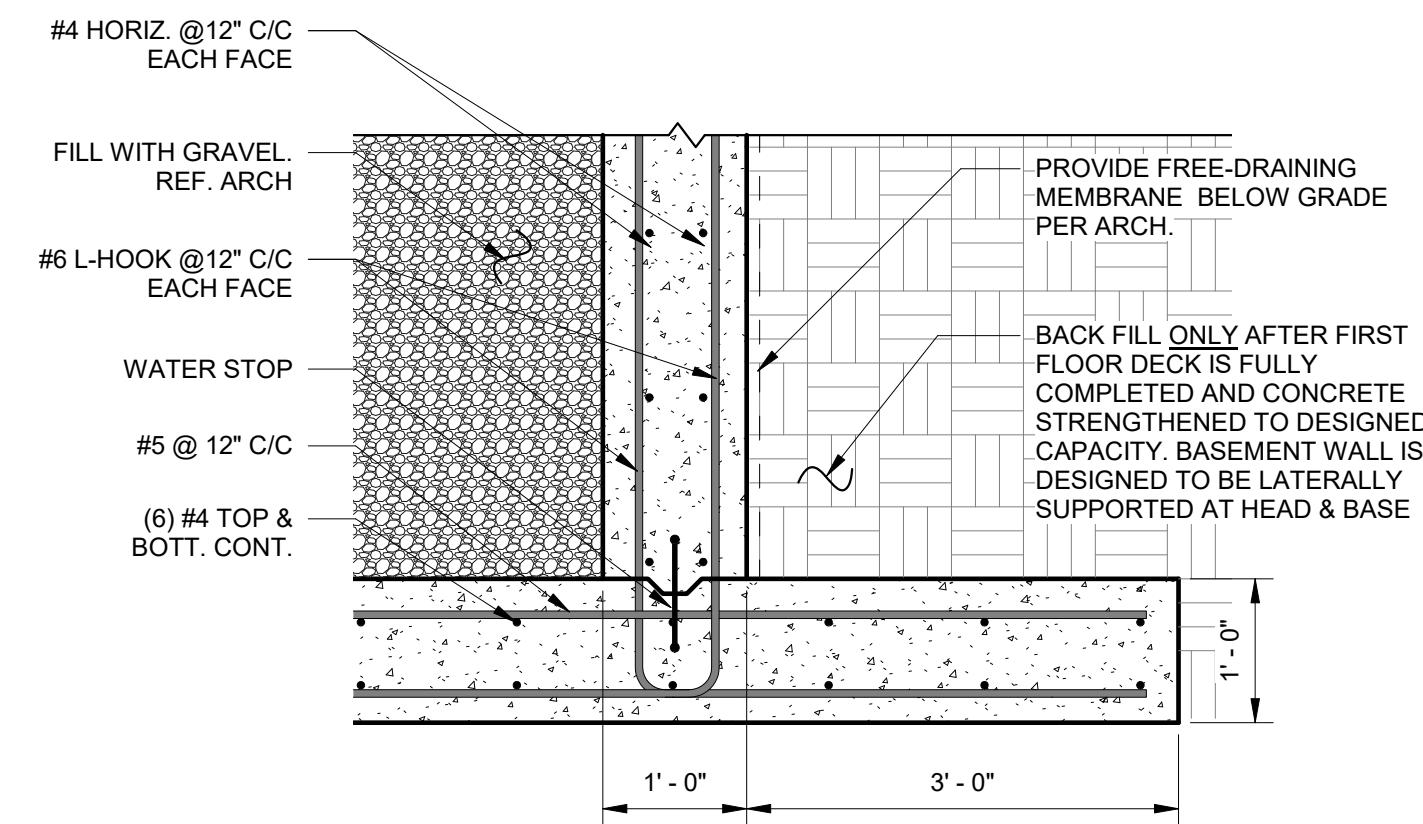
DRAWING DATE 03/17/2021

CONSTRUCTION DRAWINGS

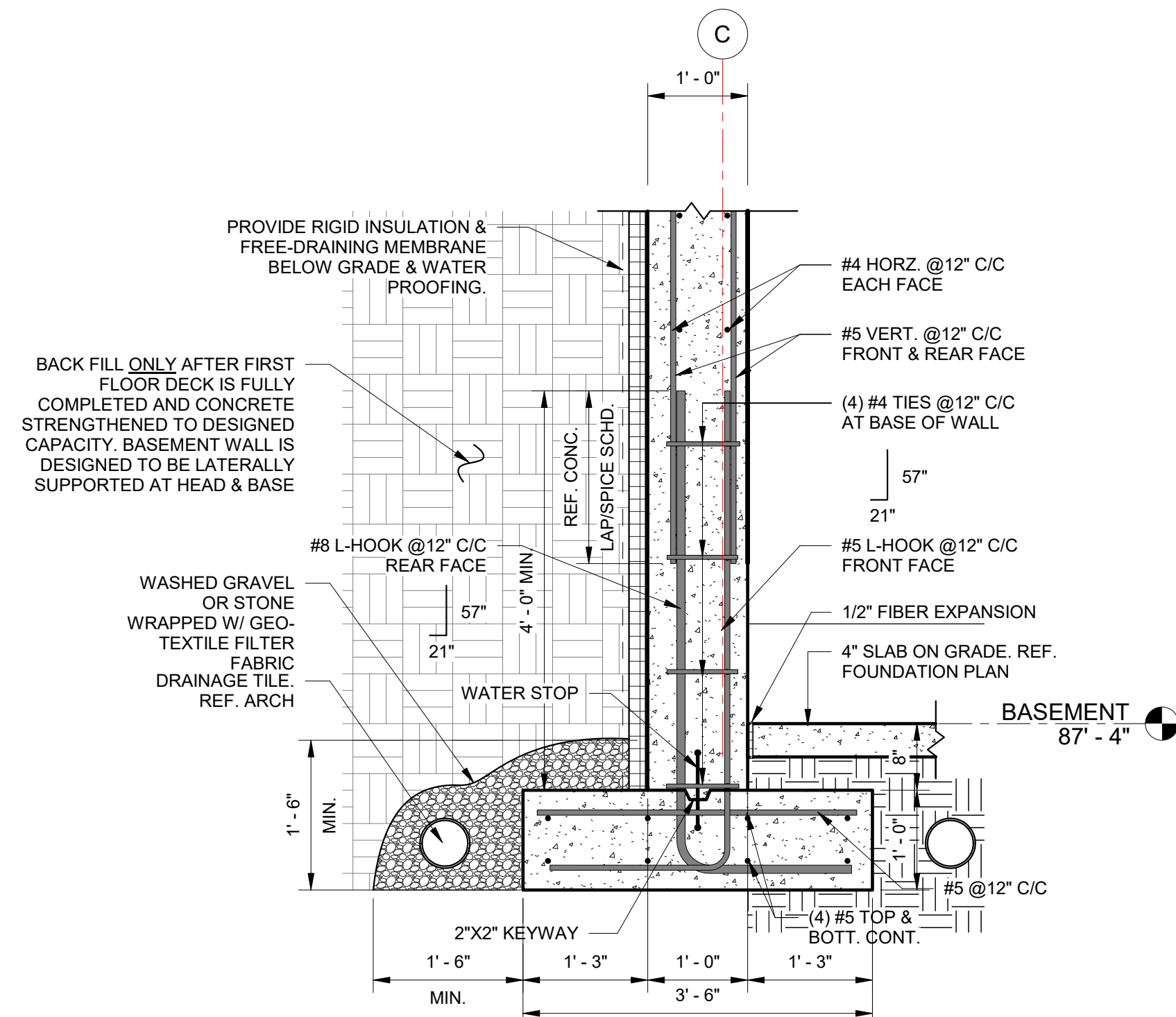
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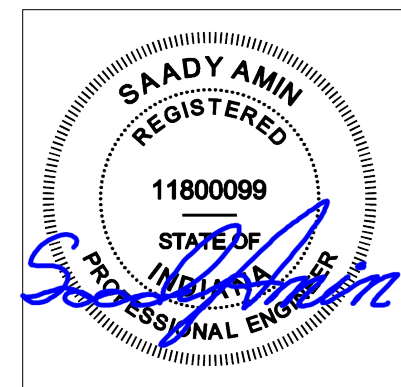
4 SECTION
1/2" = 1'-0"



7 SECTION
3/4" = 1'-0"



11 SECTION
3/4" = 1'-0"



SIGNED: 08/05/2021
EXPIRES: 07/31/2022



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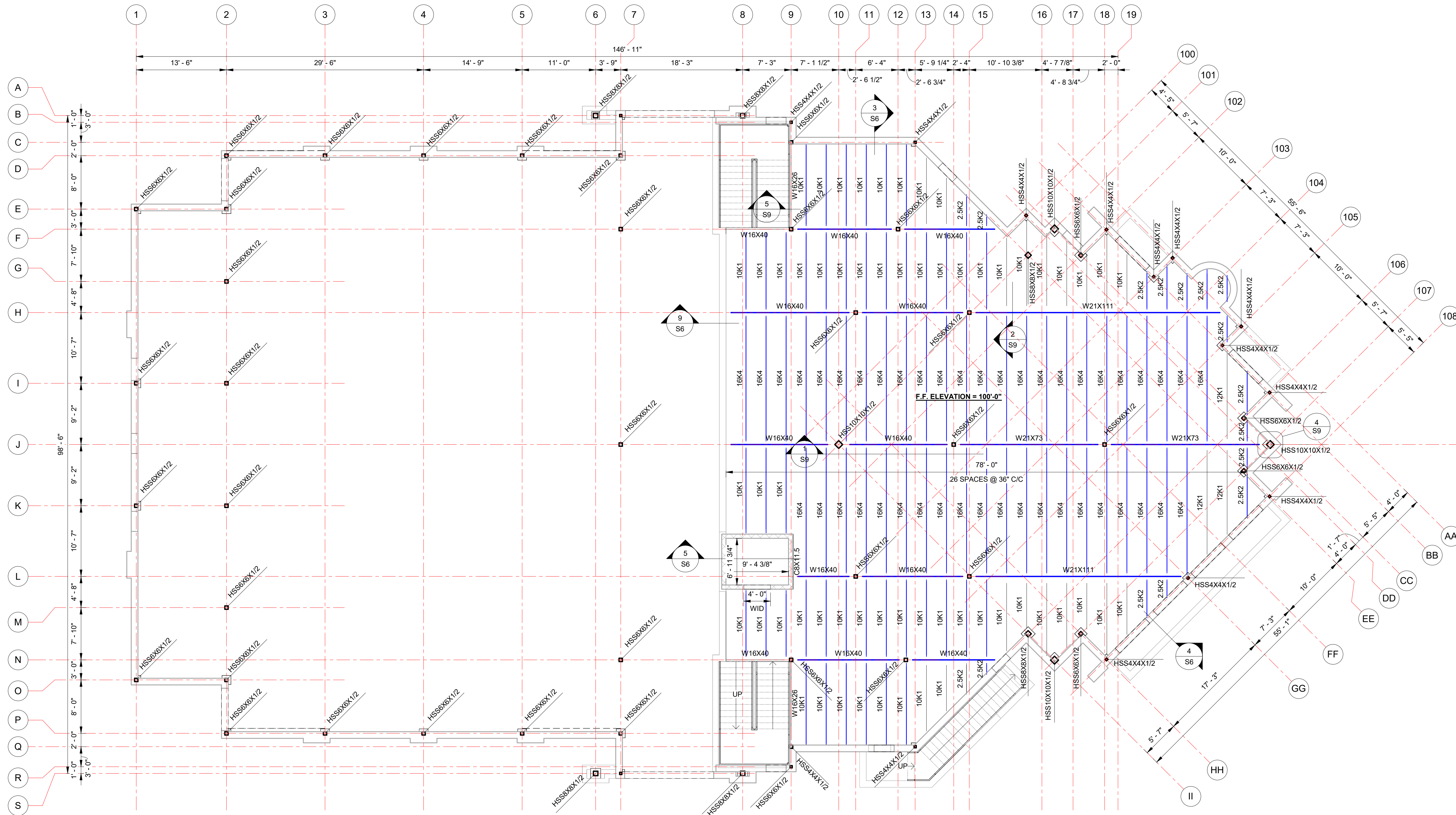
6036 RENAISSANCE PLACE
TOLEDO, OH 43660
PHONE: (419) 292-1983
EMAIL: projects@aa-engineers.com
WEB: www.aa-engineers.com

FLOOR FRAMING PLAN

Al Salam Foundation

ISLAMIC LIFE CENTER

14120 Shelborne Road, Carmel, IN 46074



1 FLOOR FRAMING PLAN
1/8" = 1'-0"

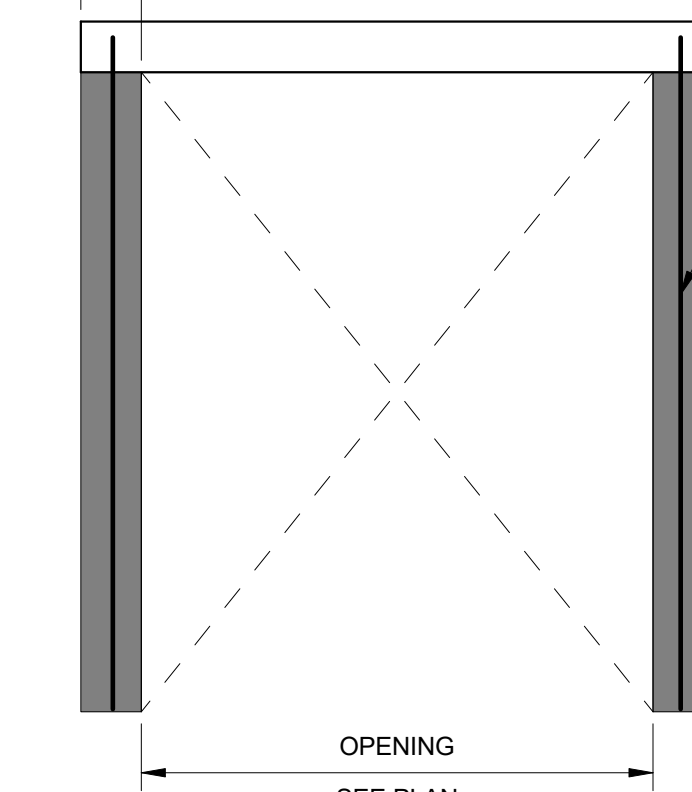
GENERAL NOTES:

- FLOOR DECK CONSIST OF 2 1/2" CONC. ON 1.5C X 22GA STEEL FORM (TOTAL 4" THICK)
- FLOOR DECK REINF SHALL BE 6x6-W1.4xW1.4
- PROVIDE NEGATIVE REINFORCEMENT OVER BEAM AS SHOWN ON TYP. DETAIL 2 / S10.

LINTEL SCHED.

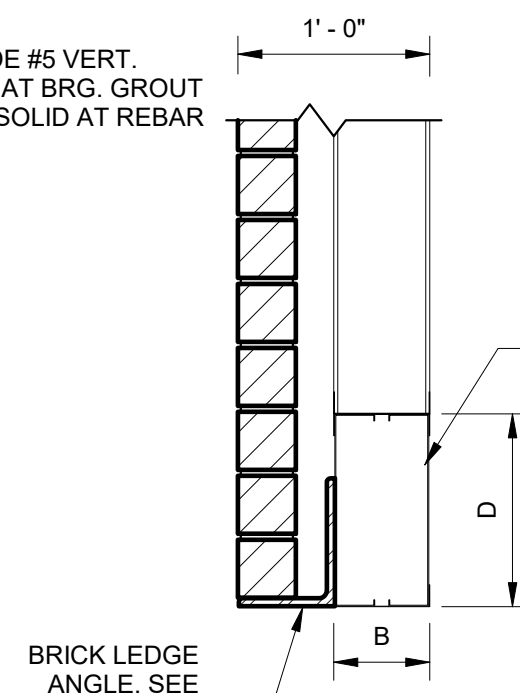
WALL TYPE	OPENING	B (IN)	D (IN)	TYPE	SPEC.
CMU	3'-0"	7 5/8"	7 5/8"	CONC.	(2) #5 T&B
12" (BRICK ON CONC.)	3'-0"	8"	12"	CONC.	(2) #5 T&B
12" (BRICK ON CONC.)	6'-4"	8"	16"	CONC.	(2) #5 T&B
12" (BRICK ON MTL. STUD.)	3'-0"	6"	8"	ANGLE	L6X4X1/2 LLV
12" (BRICK ON MTL. STUD.)	6'-4"	6"	12"	ANGLE	L8X4X1/2 LLV

MIN. 8" BRG.



CMU/CONC. LINTEL BRG. DETAIL

PROVIDE #5 VERT. REBAR AT BRG. GROUT CELLS SOLID AT REBAR

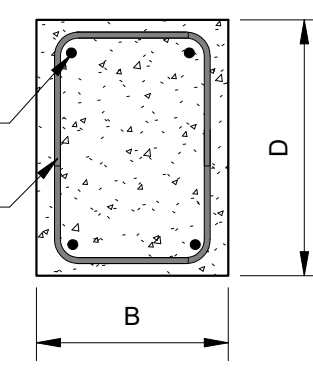


METAL STUD WALL LINTEL

12GA LIGHT GAUGE BOX HEADER

SEE SCHED.

#3 TIE @ 12" C/C



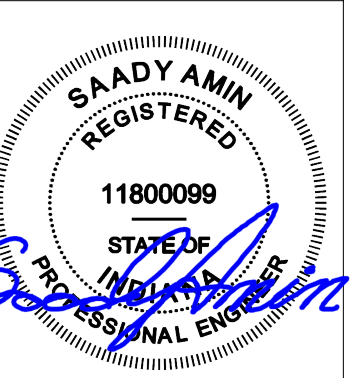
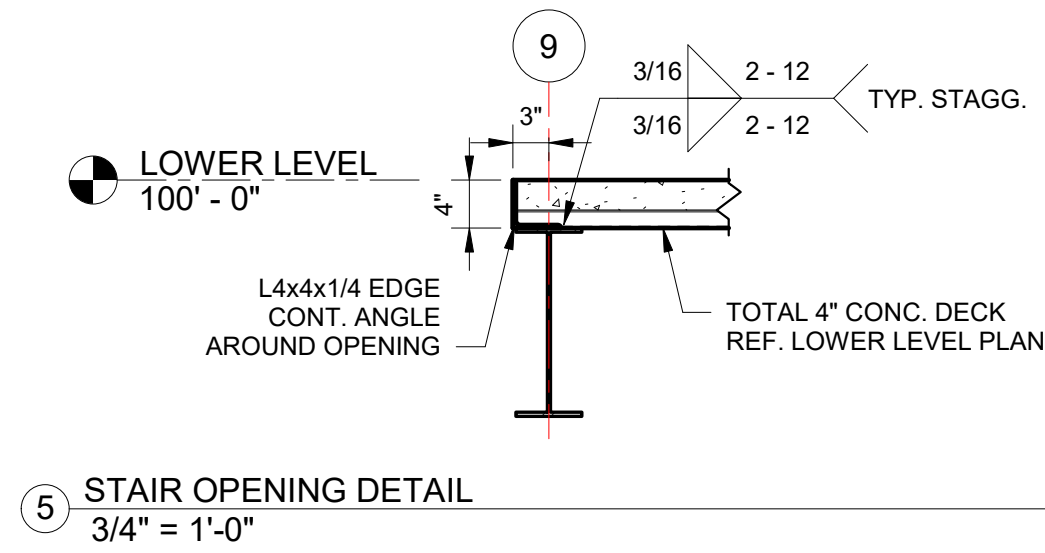
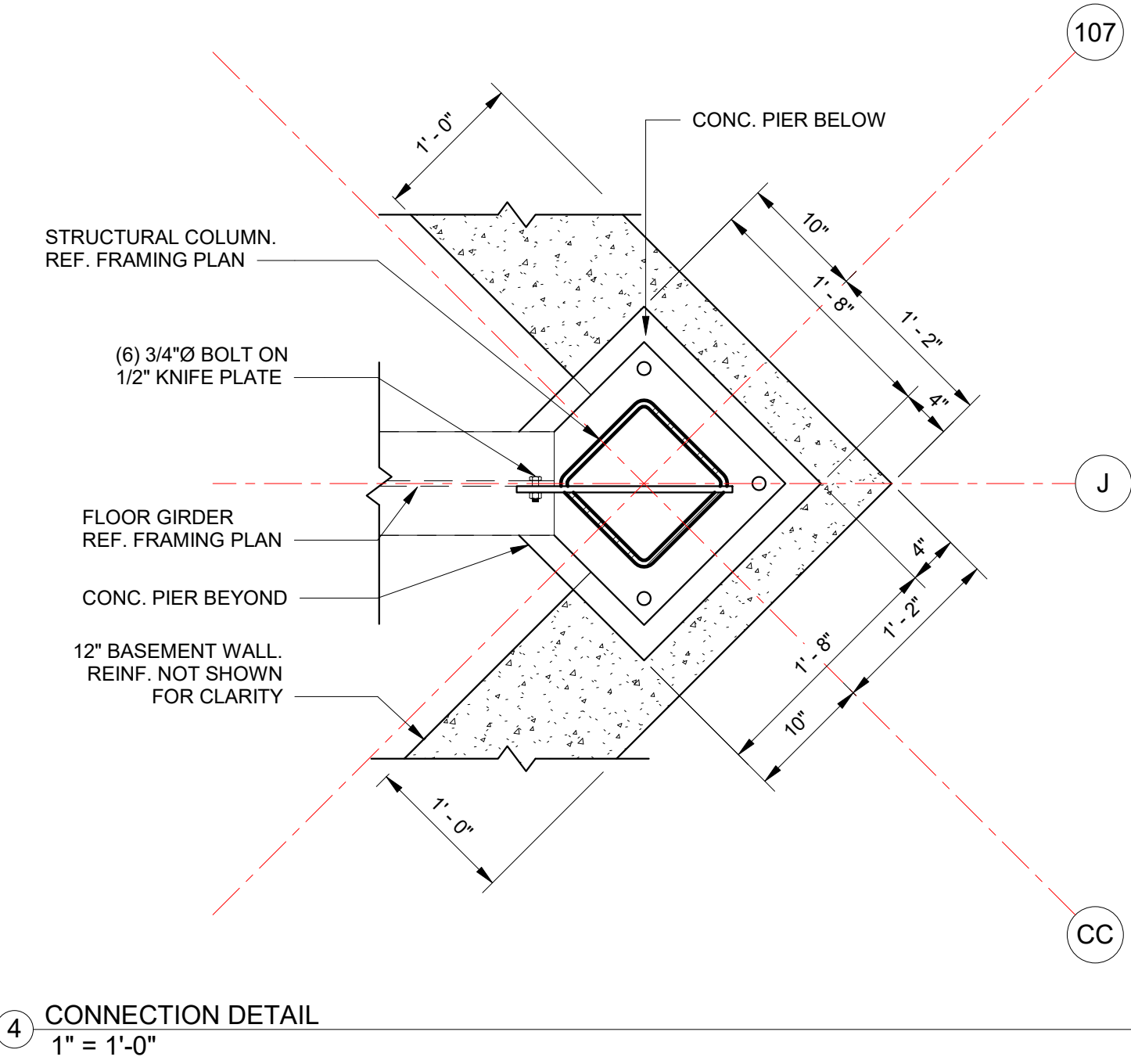
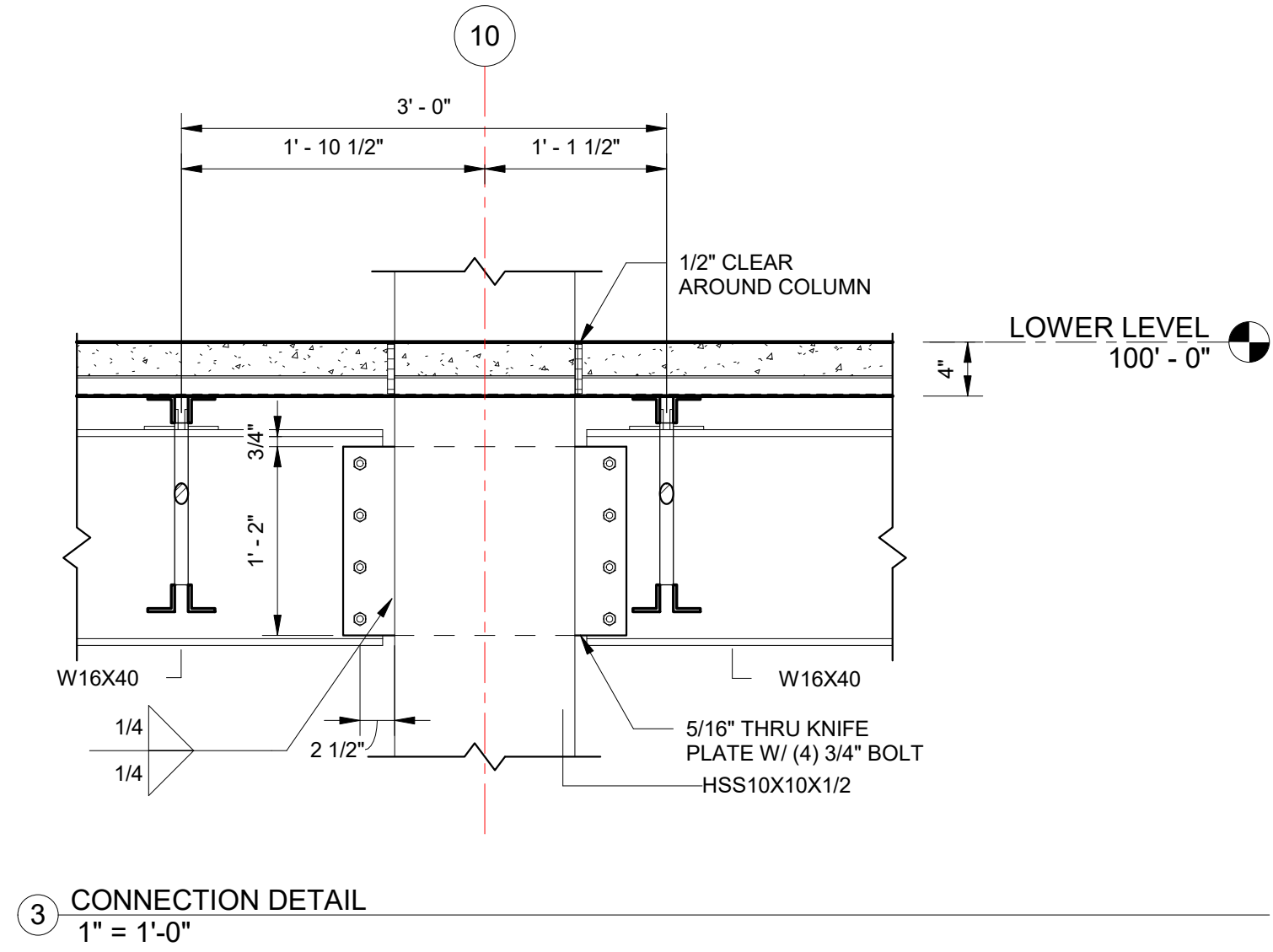
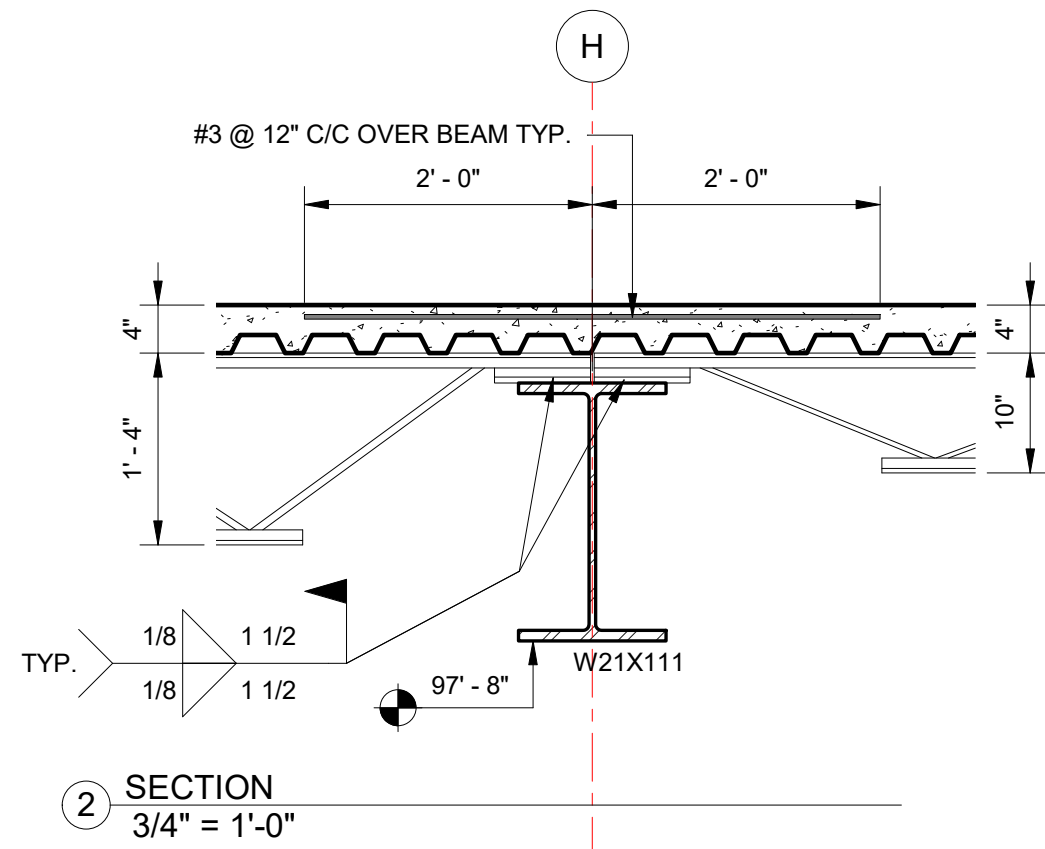
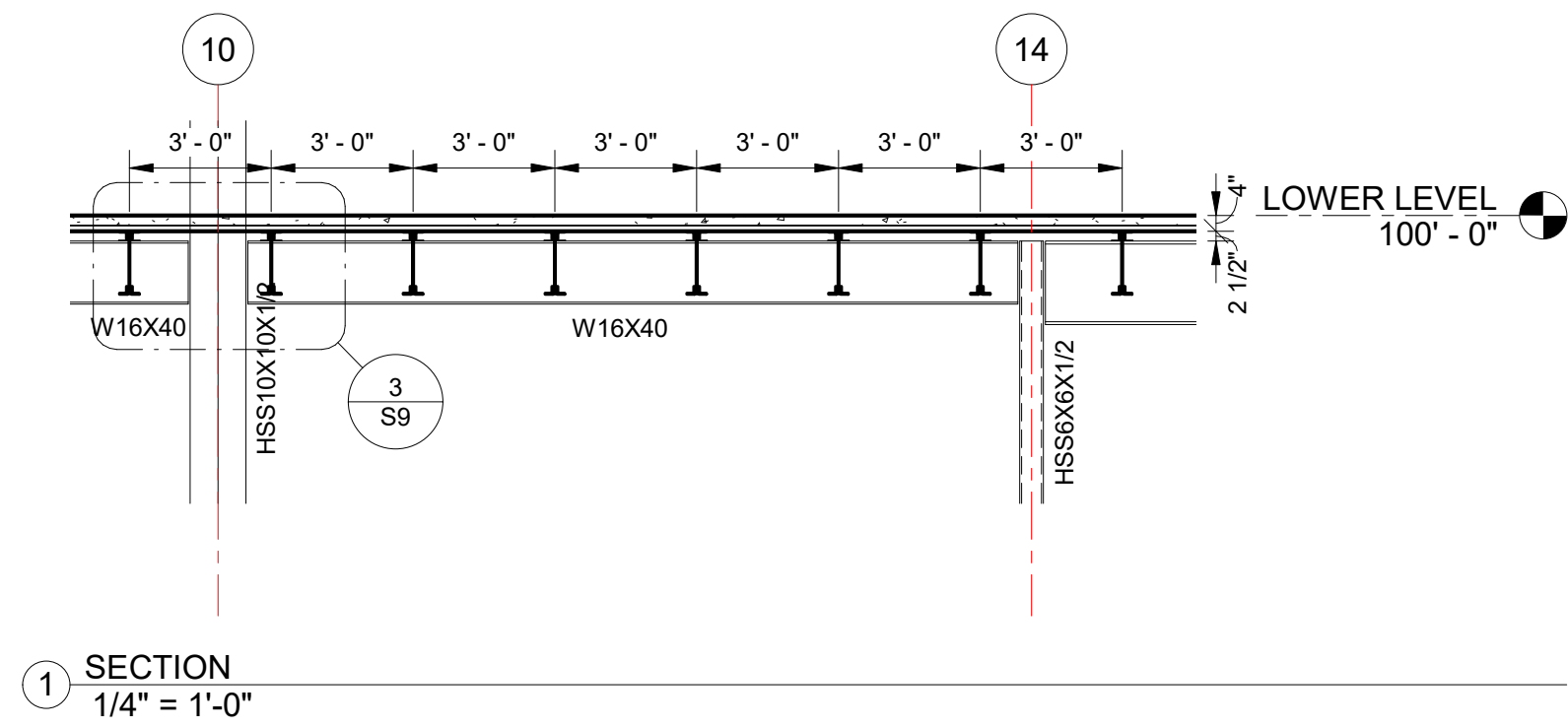
CONC./CMU WALL LINTEL

2 LINTEL DETAIL
1" = 1'-0"

DRAWING DATE 03/17/2021

CONSTRUCTION DRAWINGS

S8



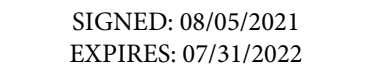
SIGNED: 08/05/2021
EXPIRES: 07/31/2022

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6036 RENAISSANCE PLACE
TOLEDO, OH 43560
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FLOOR FRAMING DETAILS
Al Salam Foundation
ISLAMIC LIFE CENTER
14120 Shelborne Road, Carmel, IN 46074

DRAWING DATE 03/17/2021
CONSTRUCTION DRAWINGS

S9

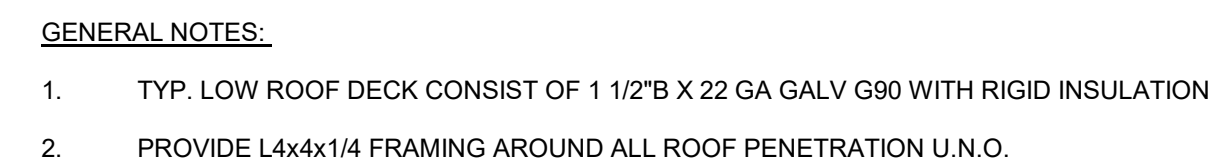


Al Salam Foundation

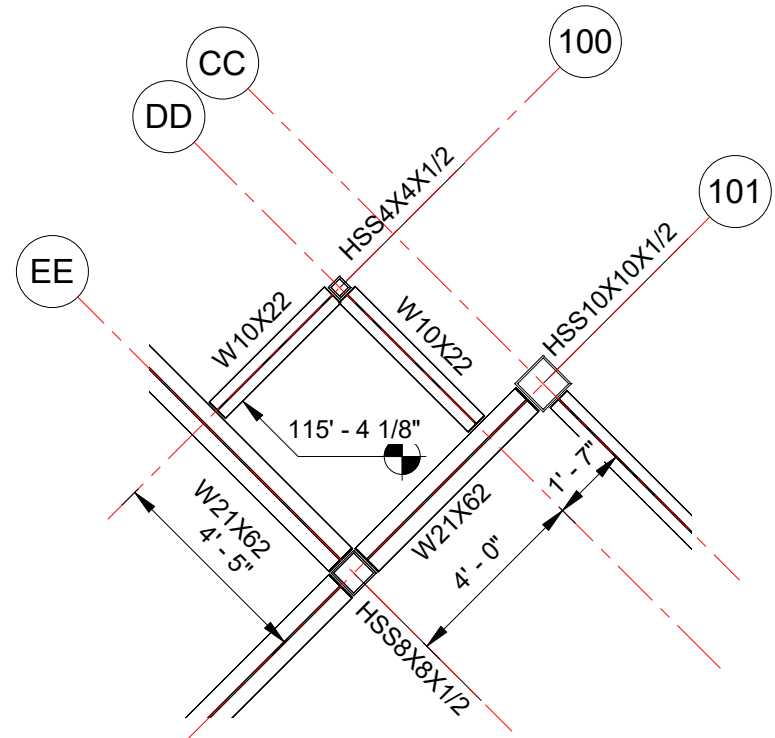
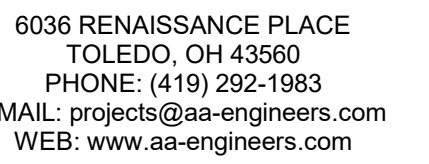
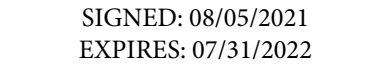
14120 Shelborne Road, Carmel, IN 46074

CONSTRUCTION DRAWINGS

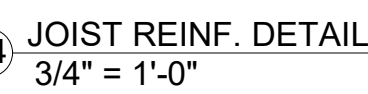
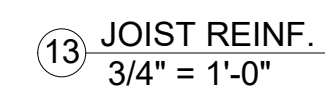
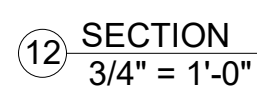
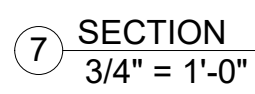
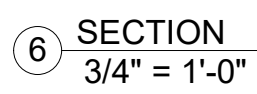
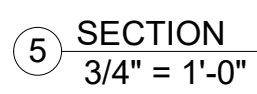
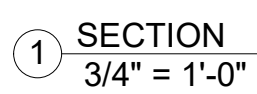
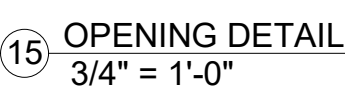
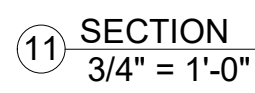
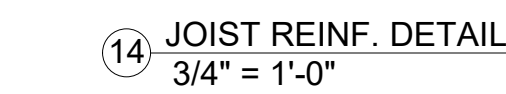
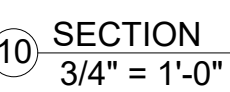
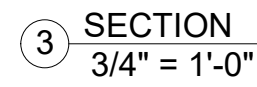
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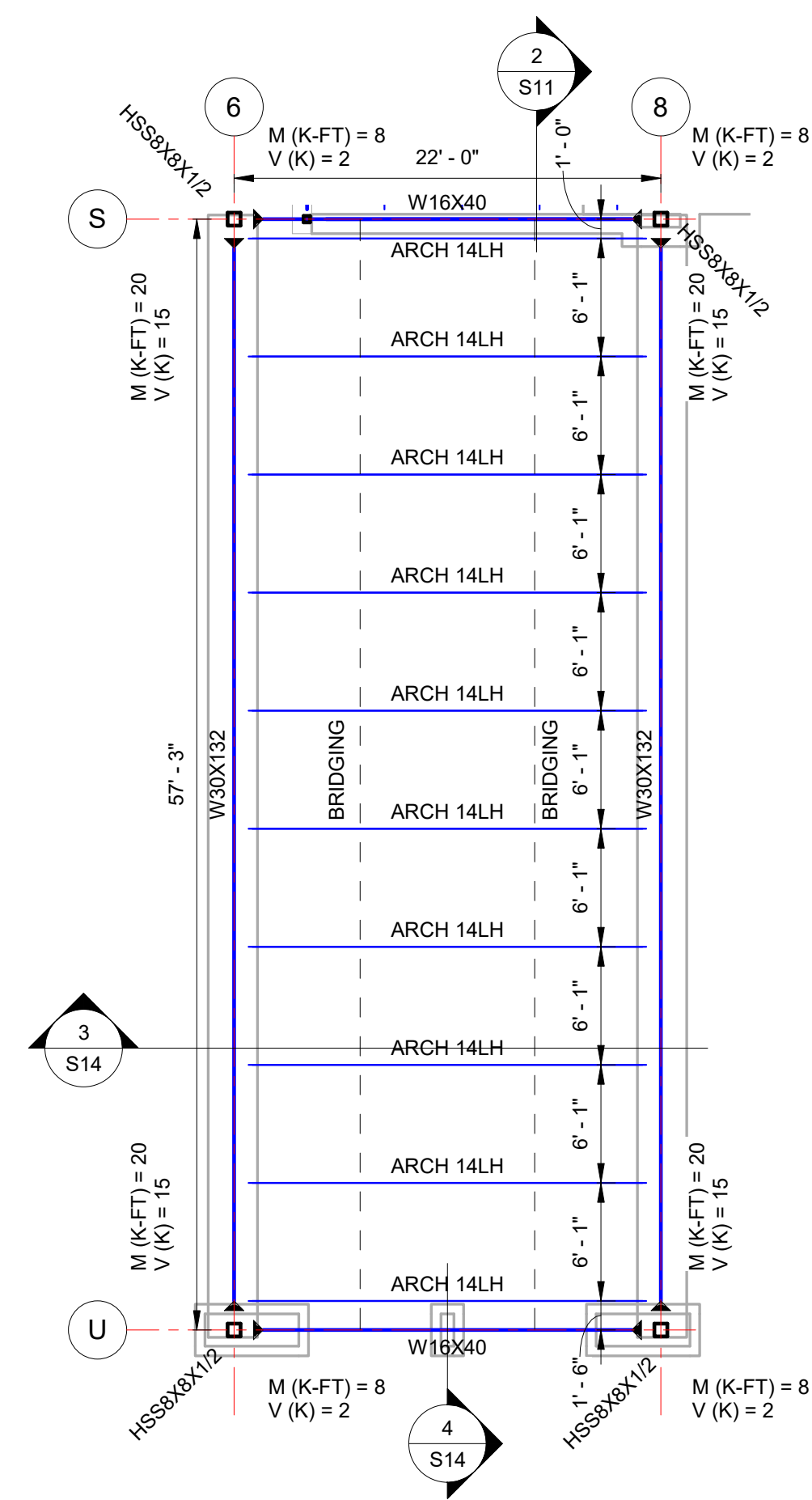


1 LOW ROOF FRAMING PLAN
1/8" = 1'-0"

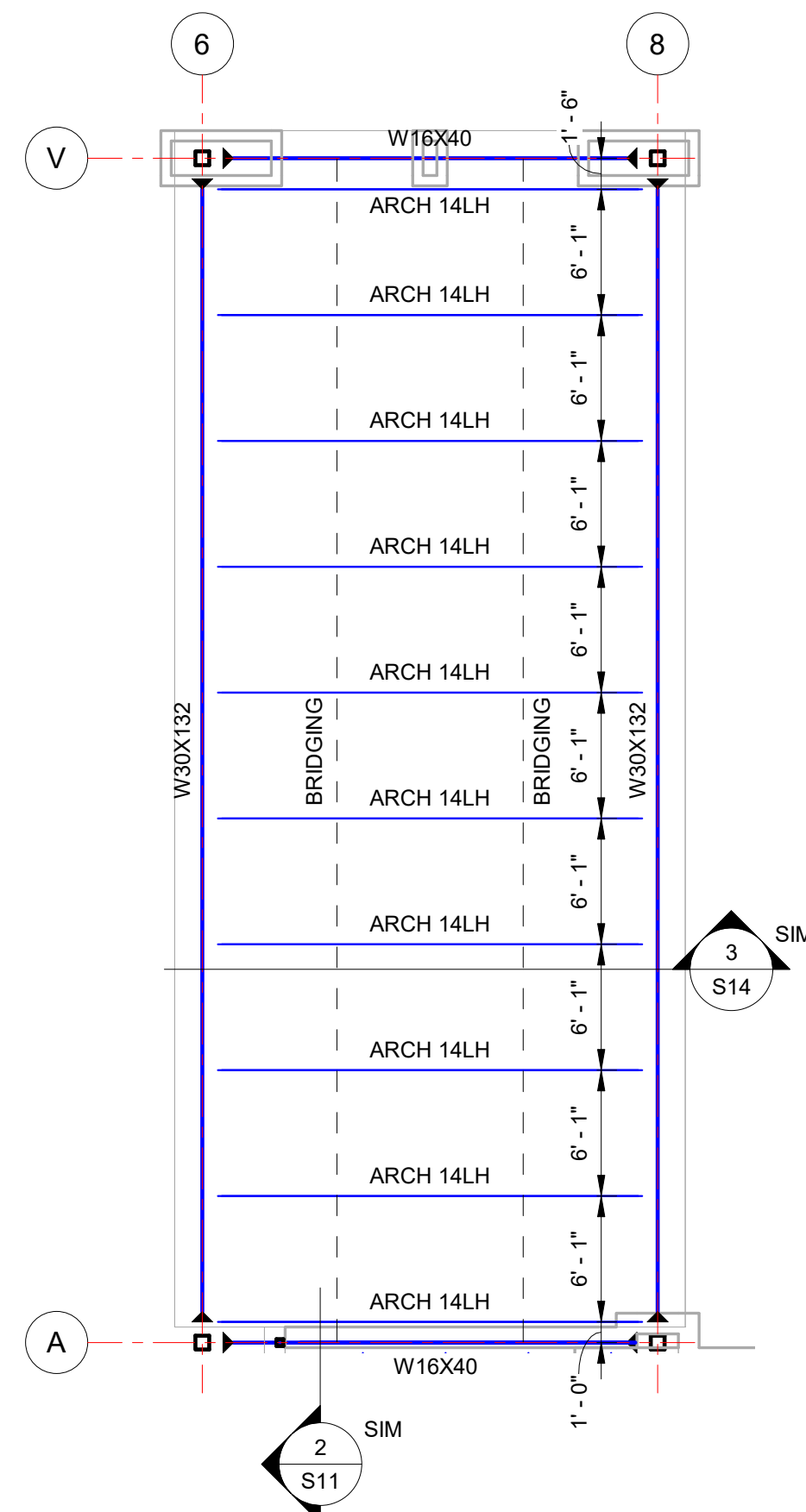


④ MINARET BASE PLAN
1/4" = 1'-0"

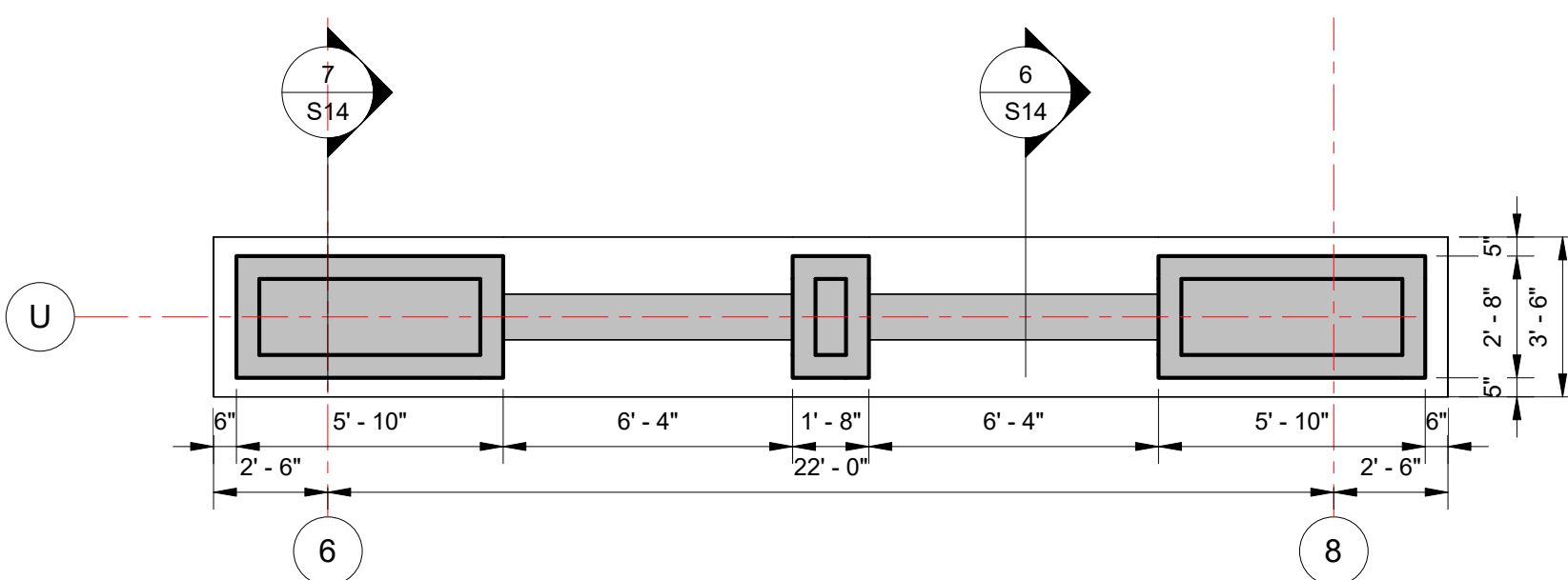




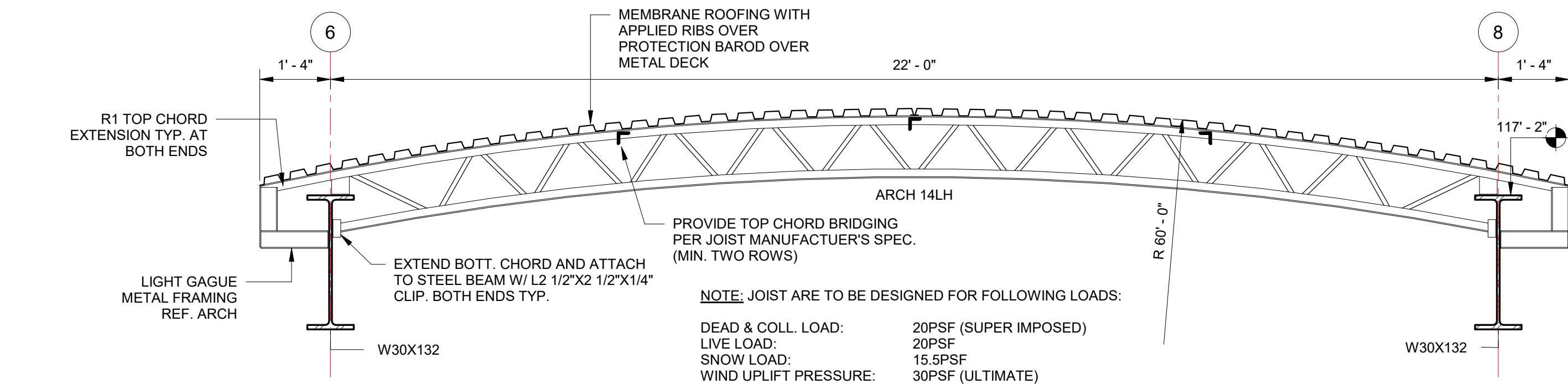
1 SOUTH CANOPY ROOF FRAMING
1/8" = 1'-0"



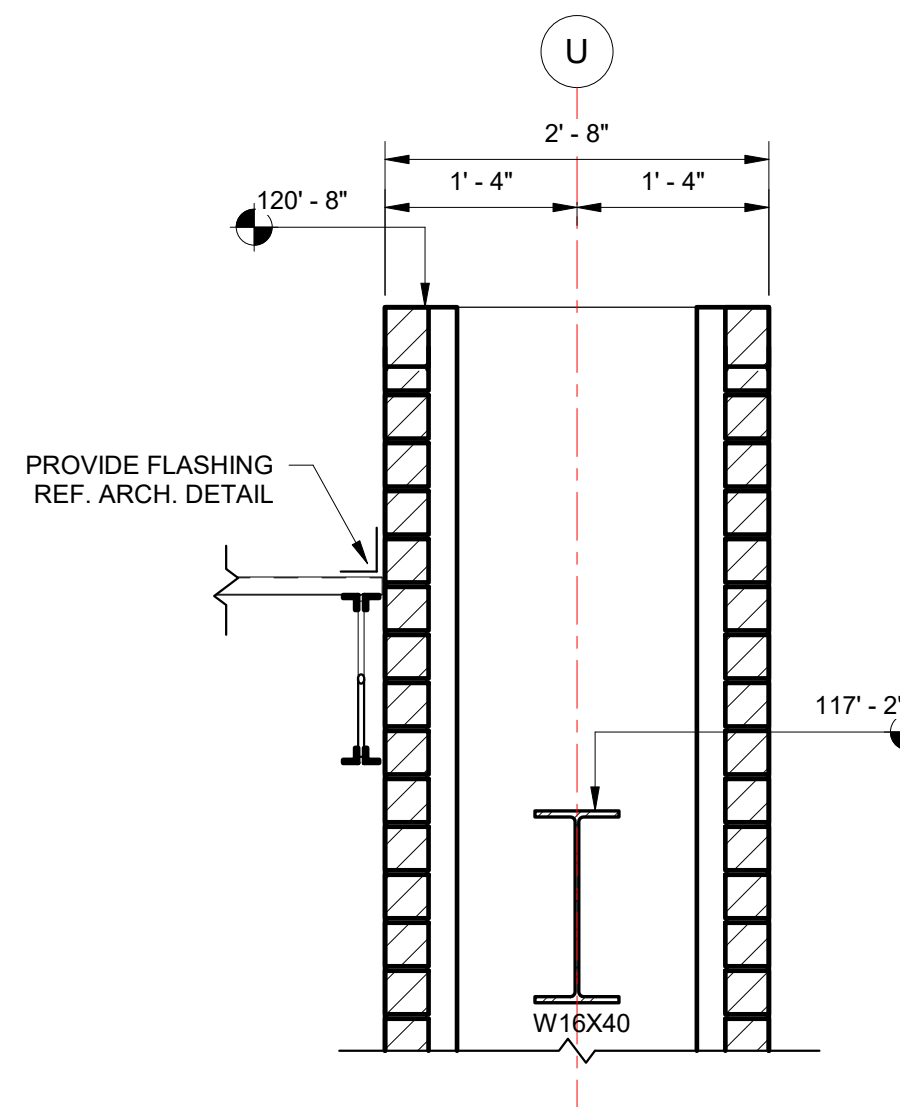
2 NORTH CANOPY ROOF FRAMING
1/8" = 1'-0"



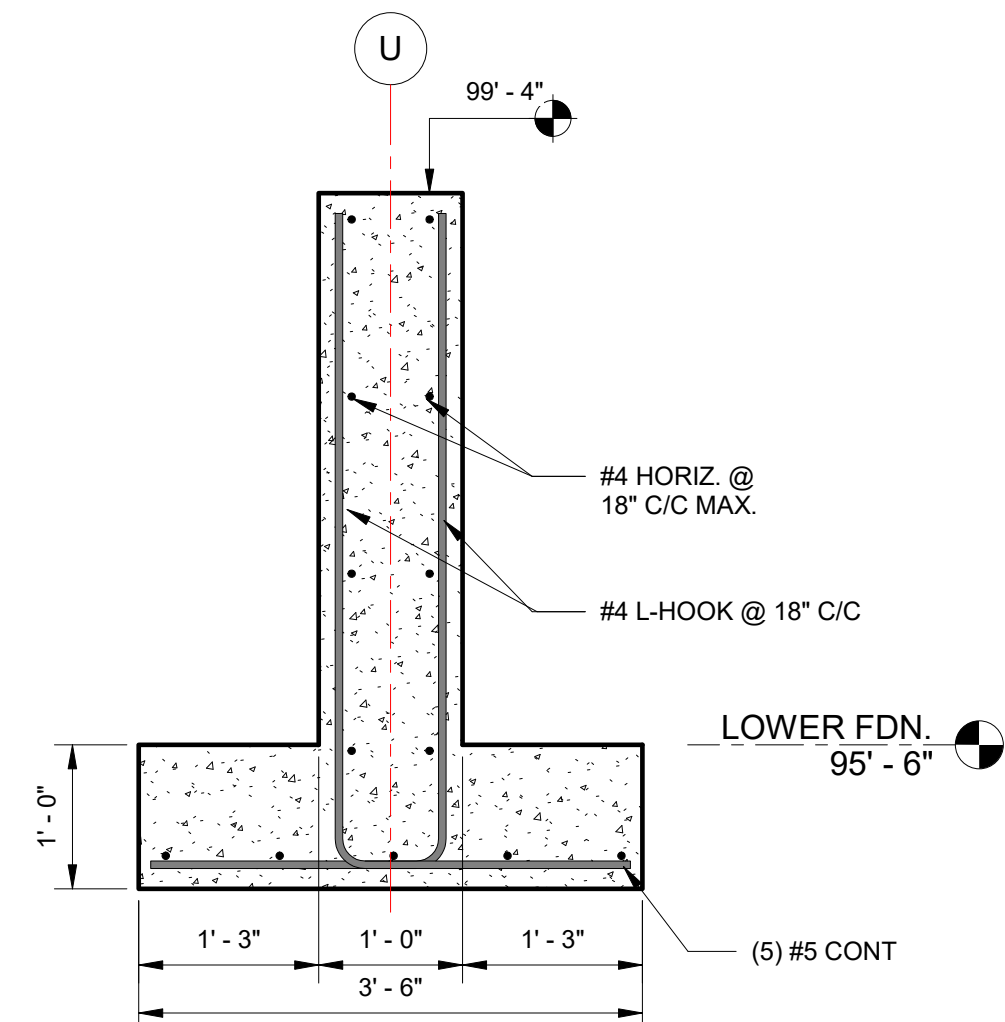
5 CANOPY FOUNDATION PLAN
1/4" = 1'-0"



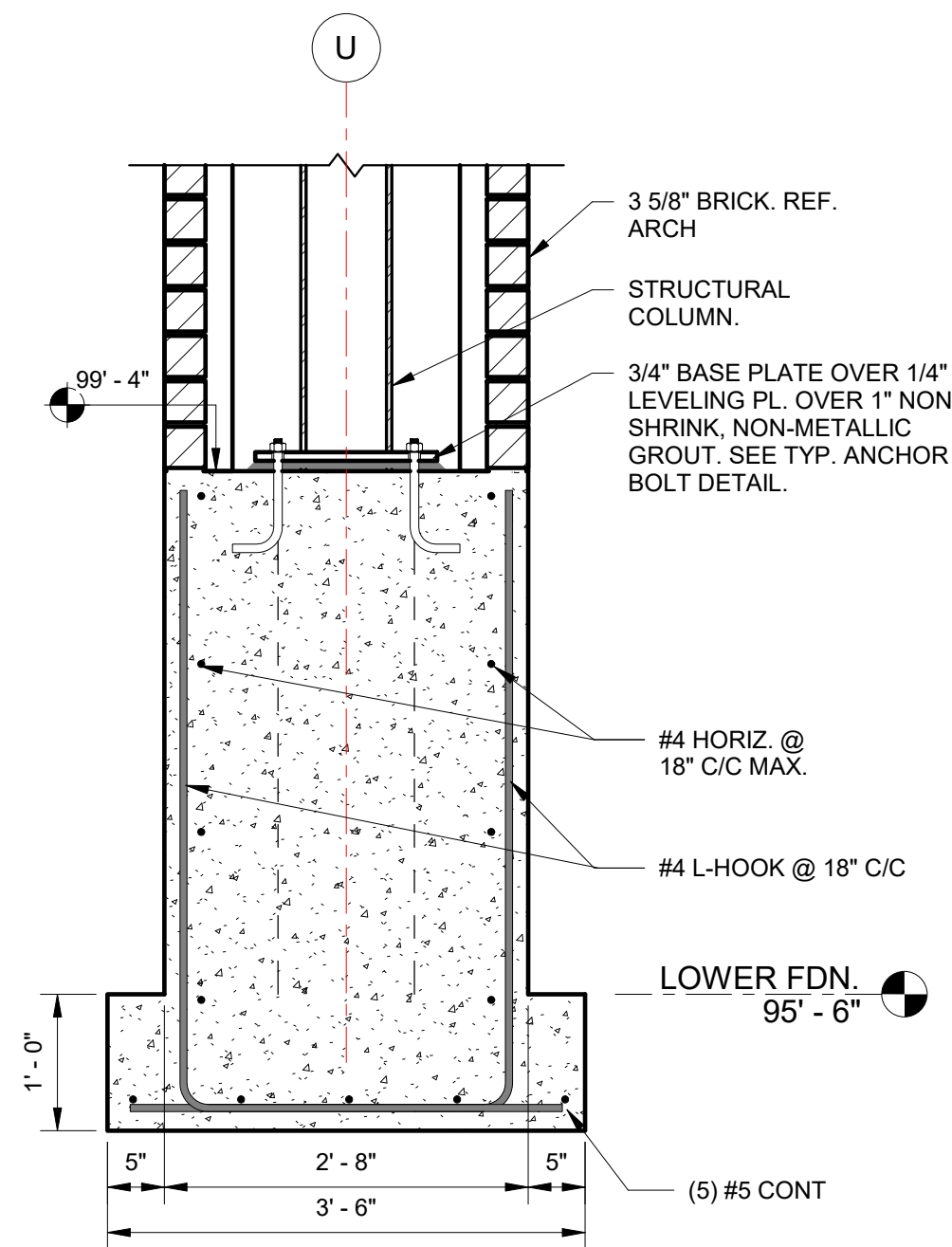
3 SECTION
1/2" = 1'-0"



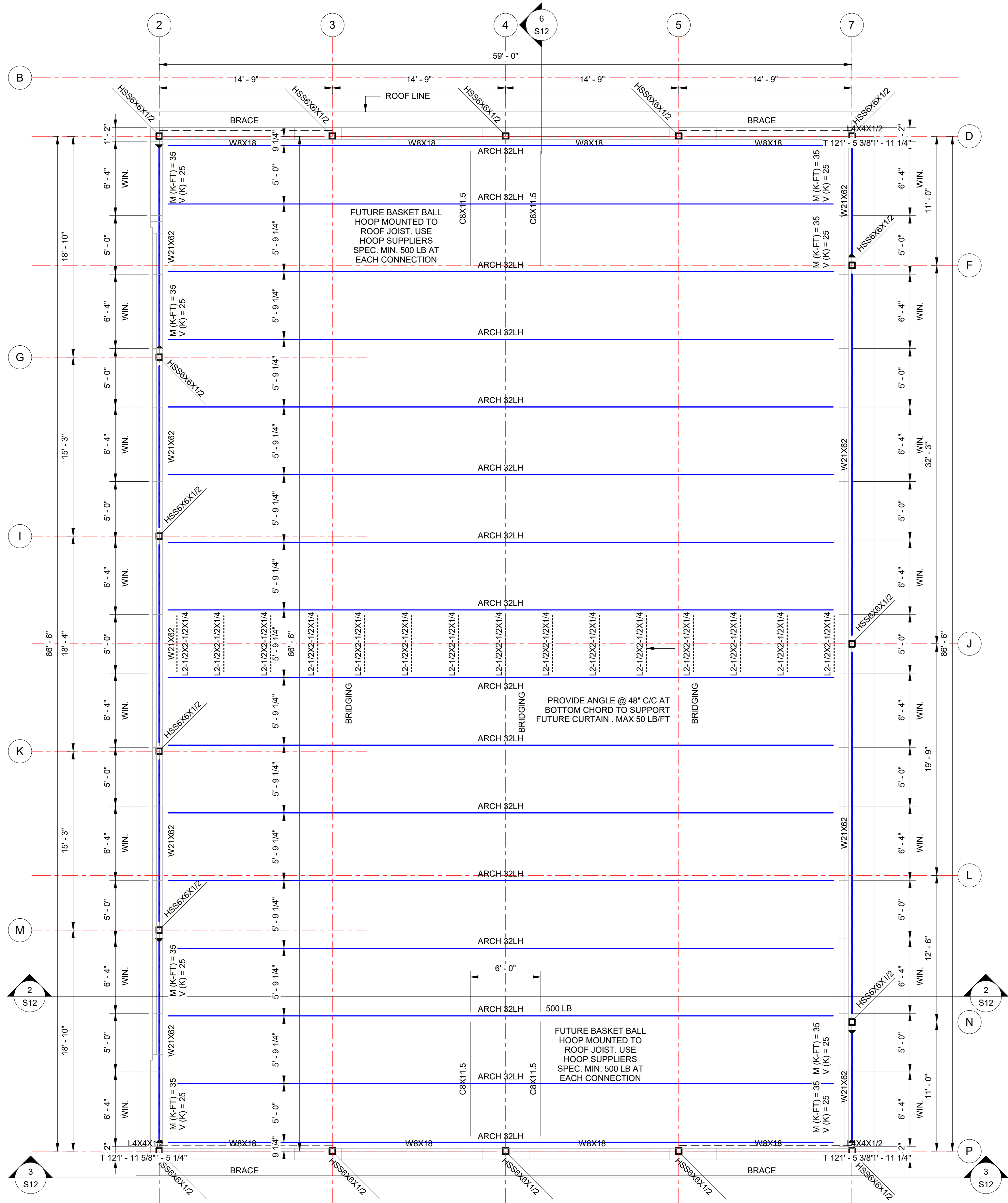
4 SECTION
3/4" = 1'-0"



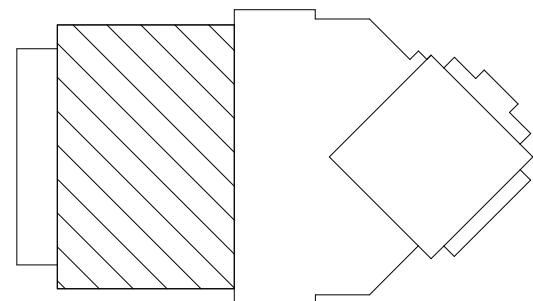
6 CANOPY WALL FOUNDATION
3/4" = 1'-0"



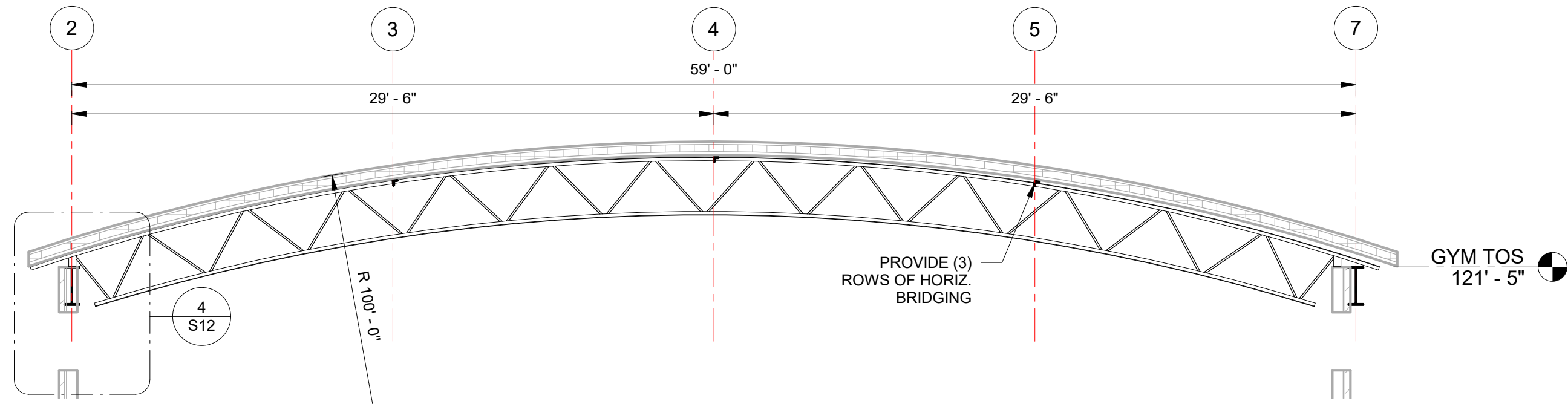
7 CANOPY COLUMN FOUNDATION
3/4" = 1'-0"



1 GYM ROOF PLAN
3/16" = 1'-0"

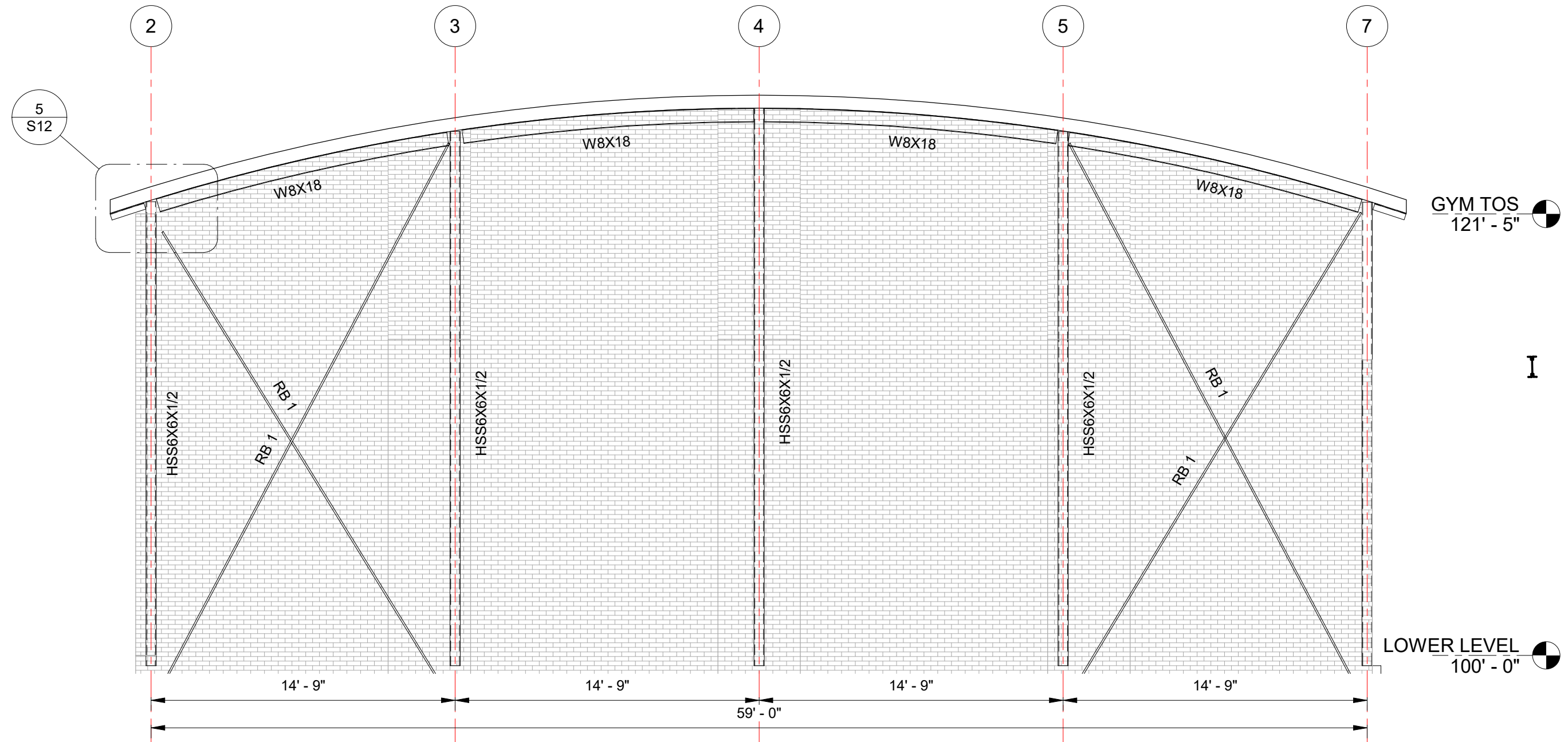


KEY PLAN

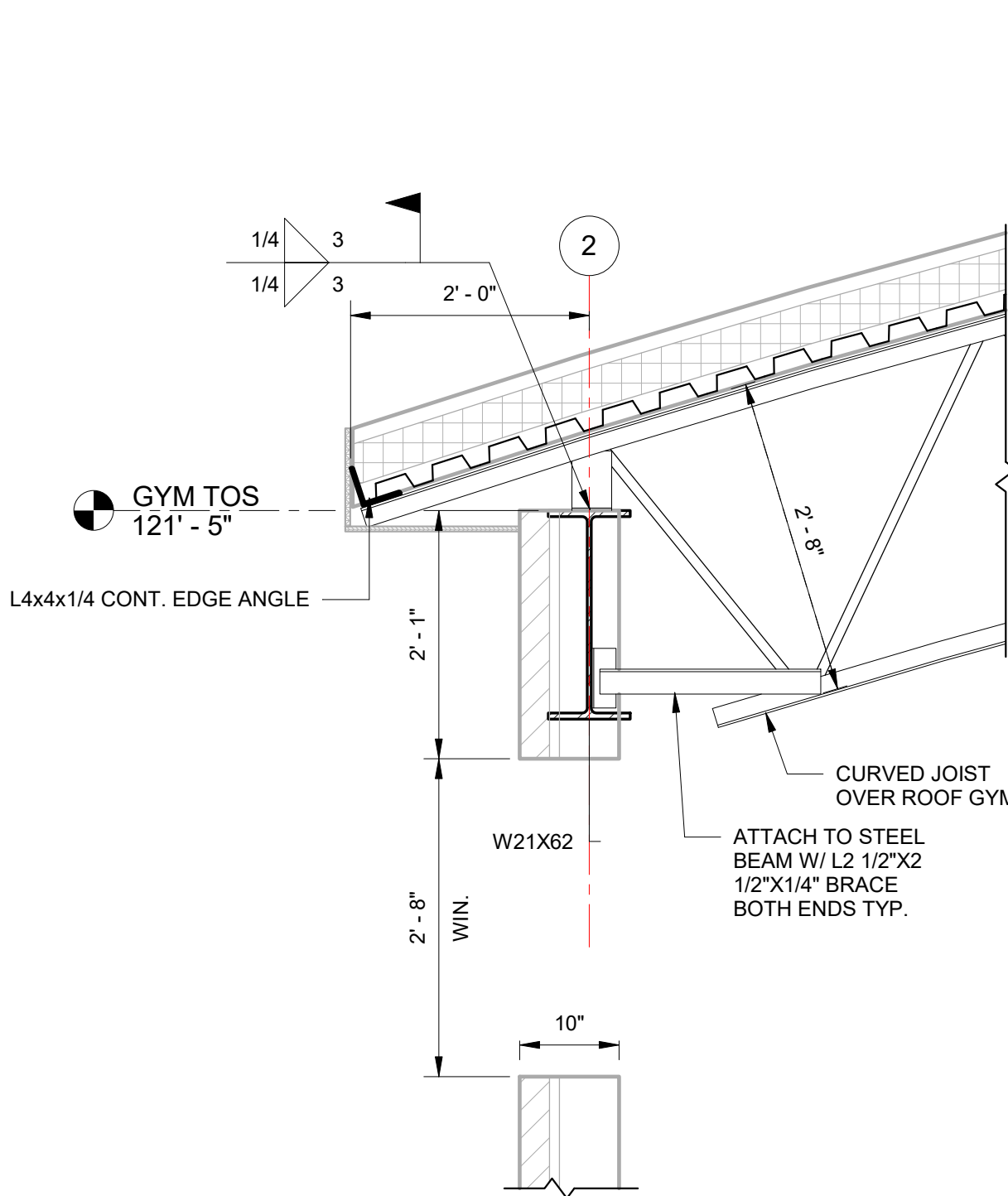


2 GYM ROOF TRUSS PROFILE
3/16" = 1'-0"

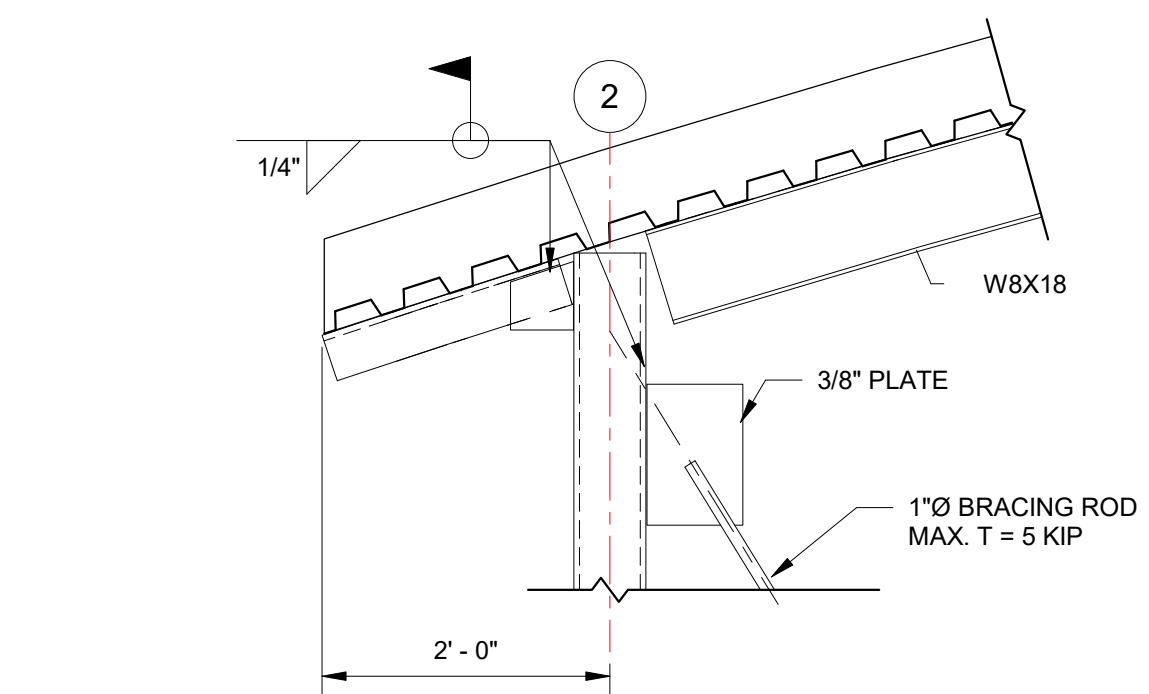
NOTE: JOIST ARE TO BE DESIGNED FOR FOLLOWING LOADS:
DEAD & COLL. LOAD: 10PSF (SUPER IMPOSED)
LIVE LOAD: 20PSF
SNOW LOAD: 15.5PSF
WIND UPLIFT PRESSURE: 30PSF (ULTIMATE)
ROOF DECK OVER GYM SHALL BE 1.5 X 22GA GALV G90



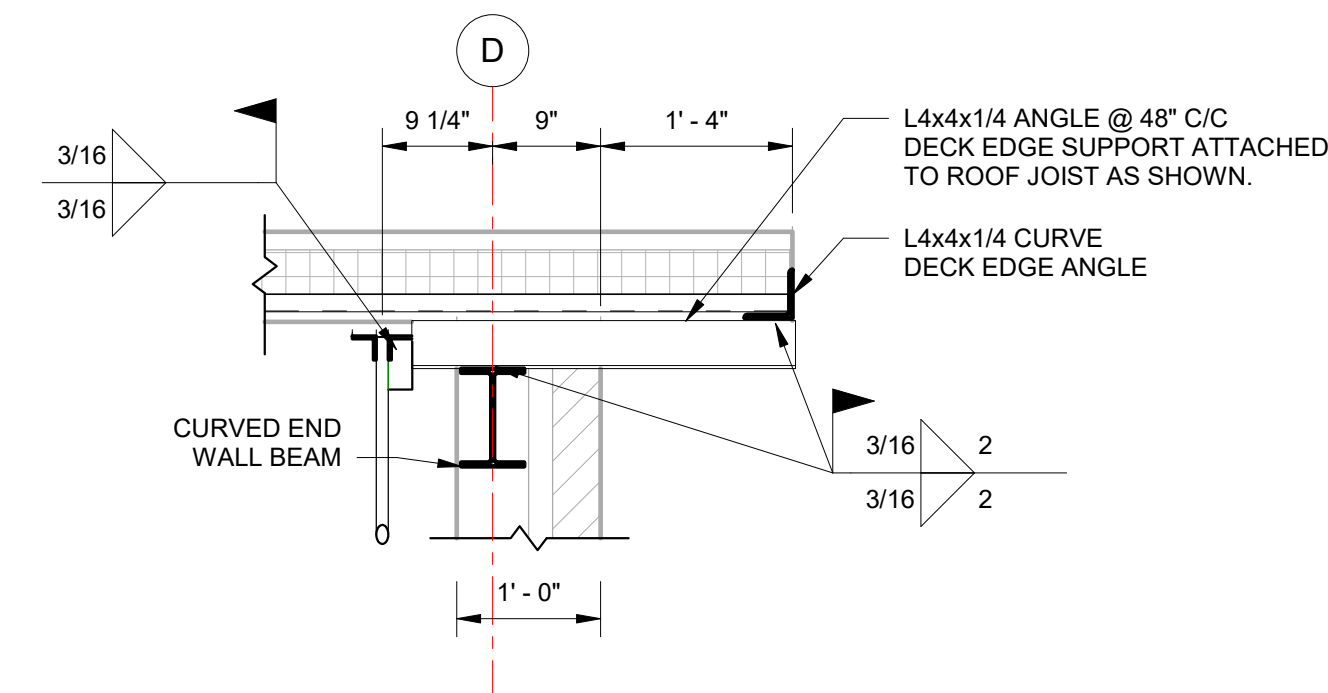
3 GYM END WALL ELEVATION
3/16" = 1'-0"



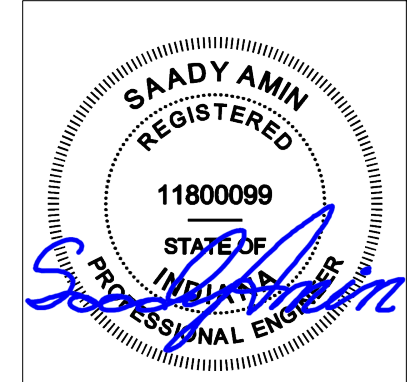
4 DETAIL
3/4" = 1'-0"



5 BRACE DETAIL
3/4" = 1'-0"



6 GYM LONG SECTION
3/4" = 1'-0"



SIGNED: 08/05/2021
EXPIRES: 07/31/2022



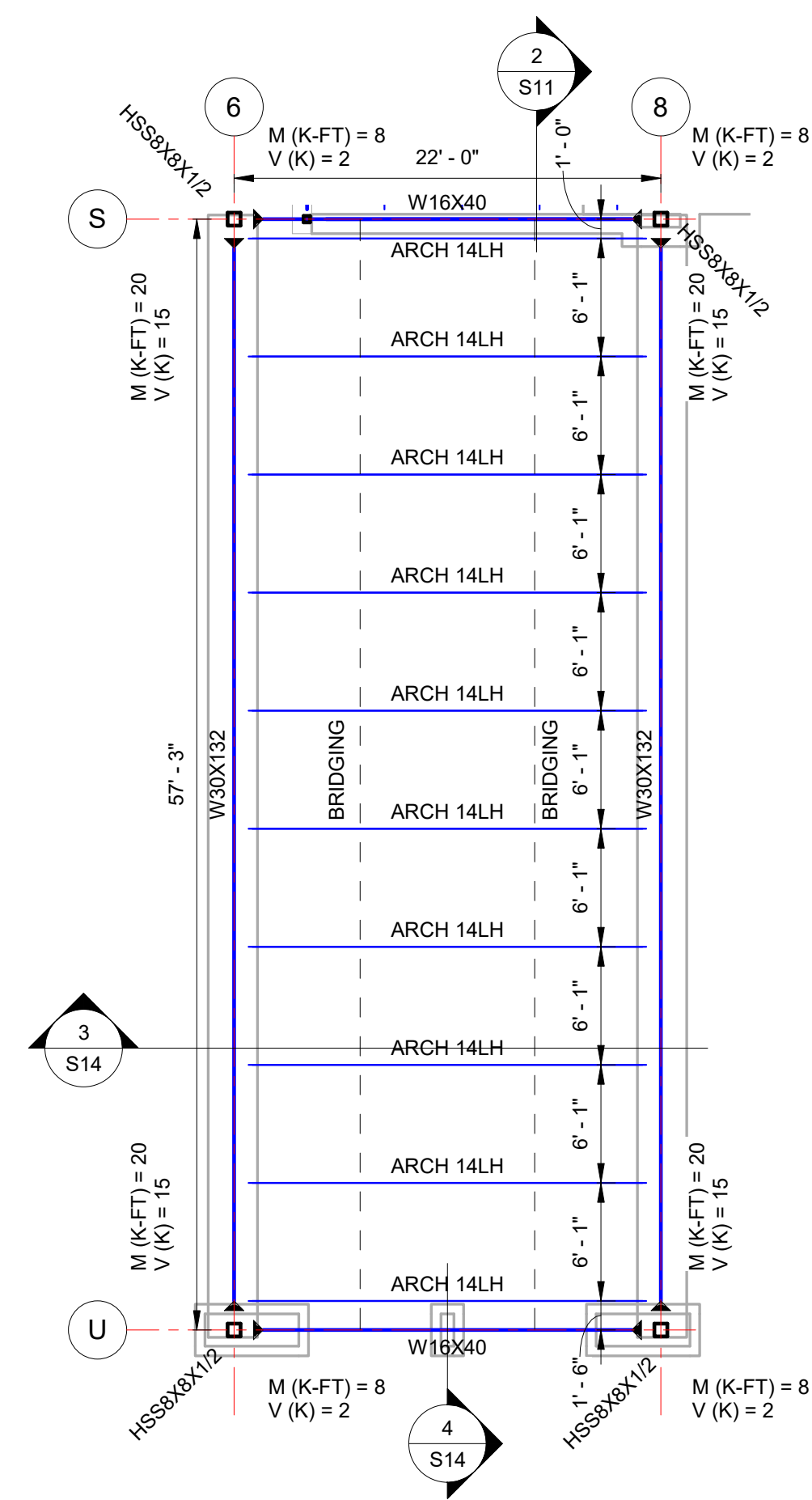
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TOLEDO, OH 43660
PHONE: (419) 292-1983
EMAIL: projects@aa-engineers.com
WEB: www.aa-engineers.com

GYM ROOF & WALL FRAMING

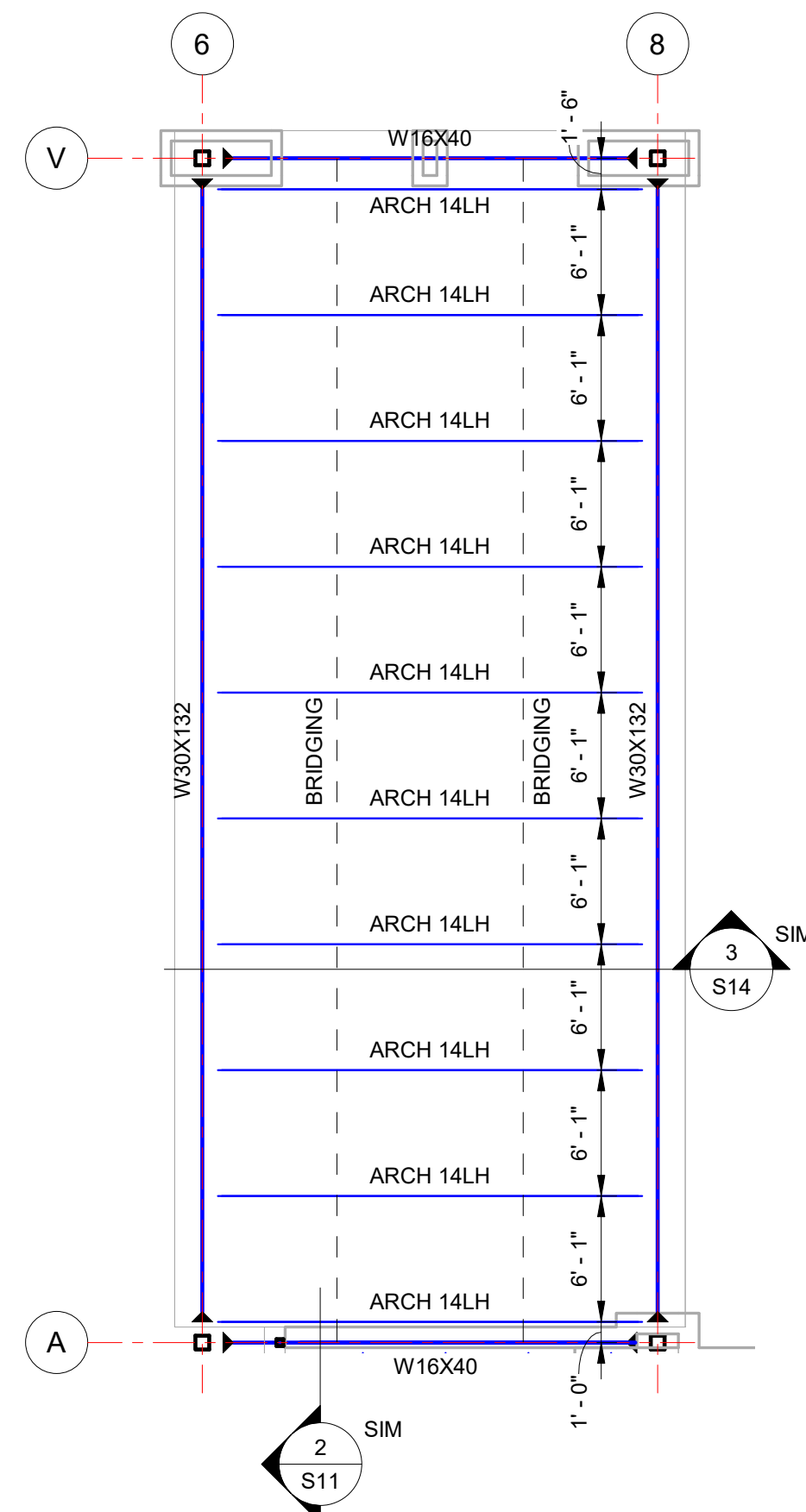
Al Salam Foundation
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14120 Shelborne Road, Carmel, IN 46074

DRAWING DATE 03/17/2021
CONSTRUCTION DRAWINGS

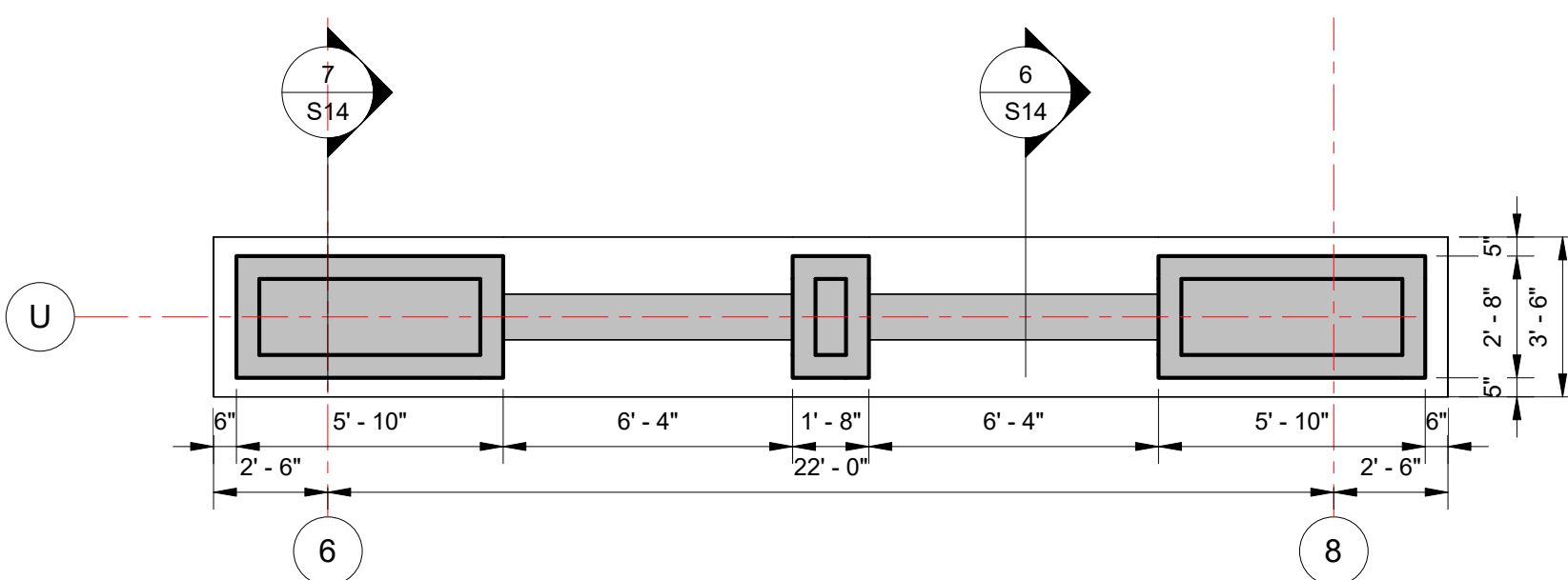
S12



1 SOUTH CANOPY ROOF FRAMING
1/8" = 1'-0"

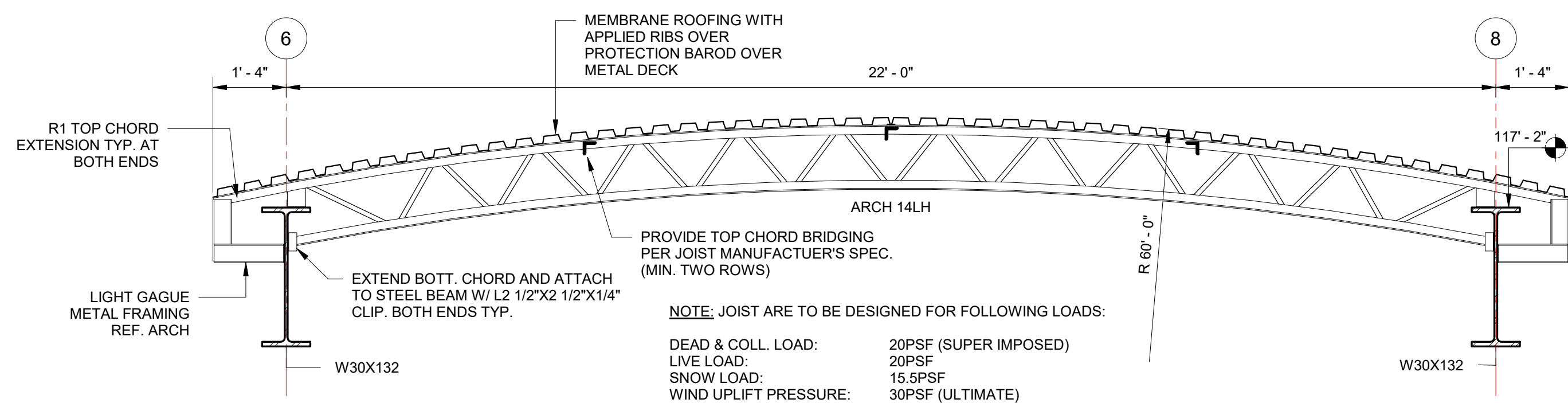


2 NORTH CANOPY ROOF FRAMING
1/8" = 1'-0"

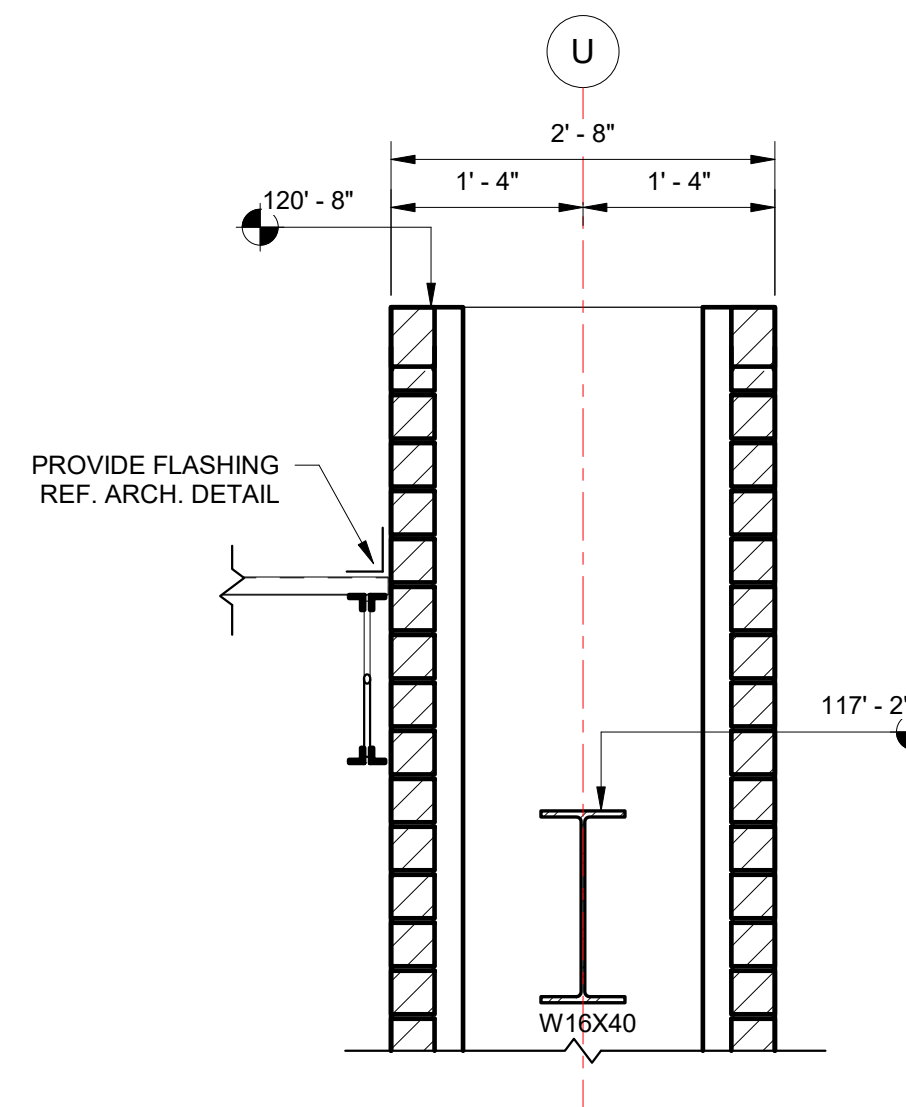


5 CANOPY FOUNDATION PLAN
1/4" = 1'-0"

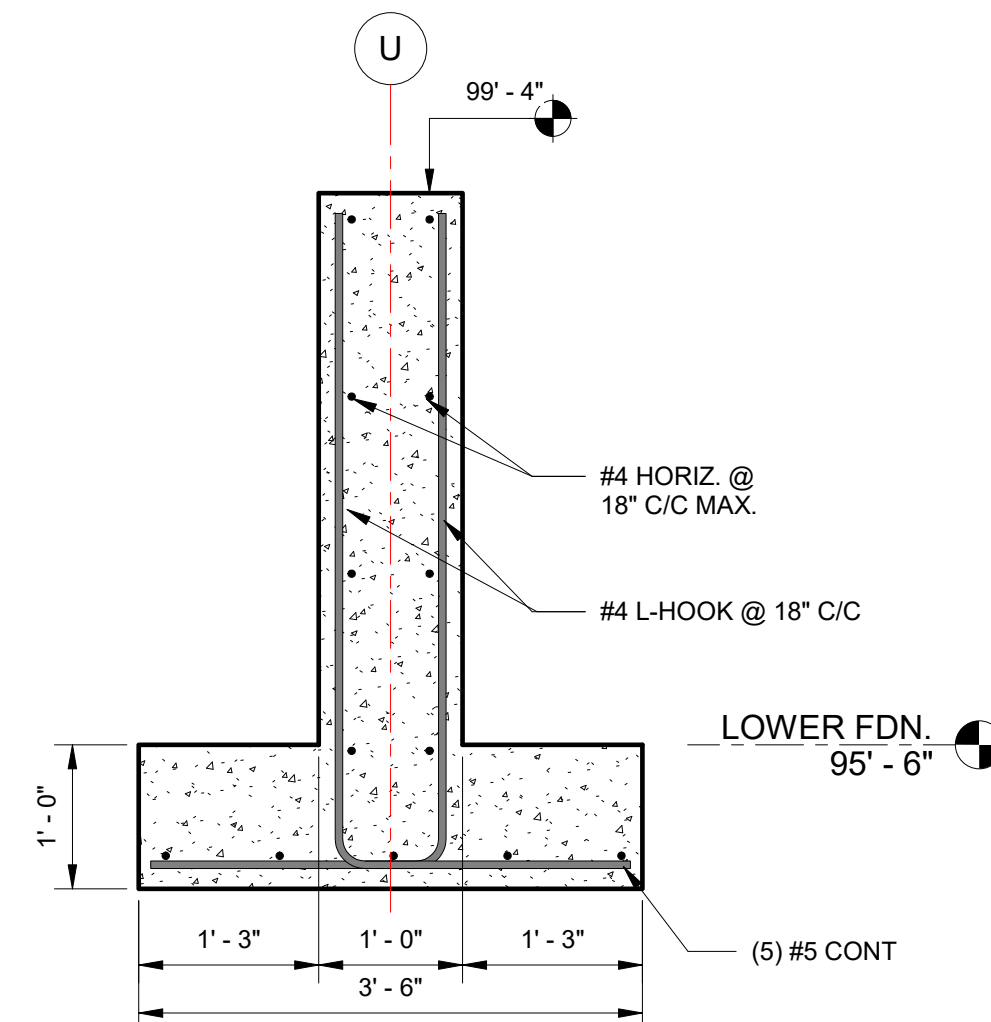
3 SECTION
1/2" = 1'-0"



4 SECTION
3/4" = 1'-0"



6 CANOPY WALL FOUNDATION
3/4" = 1'-0"



7 CANOPY COLUMN FOUNDATION
3/4" = 1'-0"

