

LAVALOPOLIS

M.A.R.S. BASE

MODULAR ASSEMBLY REUSABLE STRUCTURE



NO.	DATE	REVISION	APP.
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VANCOUVER COMMUNITY COLLEGE
CAD & BIM TECHNOLOGIES
VANCOUVER, BC.



TITLE

M.A.R.S HABITAT CONCEPT PROPOSAL
AGRICULTURE MODULE
COVER

SHEET LIST SCHEDULE	
NUMBER	NAME
A001	COVER
A101	SITE PLAN
A201	FLOOR PLAN - LEVEL 1
A202	FLOOR PLAN - LEVEL 2
A203	FLOOR PLAN - LEVEL 3
A301	ELEVATIONS
A302	ELEVATIONS
A401	SECTIONS & DETAILS
A402	SECTIONS & DETAILS
A403	SECTIONS & DETAILS
A501	RENDERS
S001	COVER
S101	FLOOR PLAN - LEVEL 1
S102	FLOOR PLAN - LEVEL 2
S103	FLOOR PLAN - LEVEL 3
S201	FRAMING ELEVATIONS
S202	FRAMING ELEVATIONS
S203	FRAMING ELEVATIONS
S204	FRAMING ELEVATIONS
S301	BUILDING SECTIONS

DRAWING SYMBOLS

	DOOR TAG
	WALL TAG
	CALLOUT HEAD
	REF VIEW NAME
	ELEVATION ARROW AND VIEW NAME
	DETAIL TAG
	SPOT ELEVATION FILLED TAG
	ROOM TAG
	BENCHMARK
	GRID LINE
	PROPERTY LINE TAG
	SECTION TAIL FILLED
	SECTION HEAD FILLED
	GAS
	POWER
	WATER
	DATA/TELEPHONE
	PROPERTY LINE

COORDINATION OF TRADES

1. EACH CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES.
2. G.C. SHALL THICKEN WALLS AS REQUIRED TO ACCOMMODATE PLUMBING PIPES, ELECTRICAL PANEL BOXES, AND SIMILAR ITEMS. COORDINATE WITH THE ARCHITECT PRIOR TO CONSTRUCTION.
3. EACH SUB-CONTRACTOR SHALL OBTAIN AND PAY FOR REQUIRED BUILDING PERMIT AND SCHEDULE REQUIRED INSPECTIONS AND COORDINATE ALL TRADES.

4. TOP OF FLOOR DRAINS TO BE 1/2" BELOW FIN. FLR. ELEVATION UNLESS NOTED OTHERWISE. SLOPE FLR. TO 3 FEET RADIUS IF NOT SPECIFIED OTHERWISE.
5. ALL BASES, INCLUDING CONCRETE PADS FOR MECHANICAL, PLUMBING, AND ELECTRICAL EQUIP. ARE THE RESPONSIBILITY OF THE TRADES INVOLVED UNLESS NOTED OTHERWISE.
6. ITEMS INDICATED N.I.C. ARE "NOT IN CONTRACT".
7. ALL DIMENSIONS ARE TO FINISH WALL SURFACE UNLESS NOTED OTHERWISE. I.E.
8. DISSIMILAR FINISH FLOOR MATERIALS SHALL MEET UNDER CENTER OF DOOR LEAF, UNLESS NOTED OTHERWISE.
9. SUB-CONTRACTOR SHALL DETERMINE ERECTION PROCEDURE AND SEQUENCE AND PROVIDE WHATEVER TEMPORARY BRACING, ETC. THAT MAY BE REQUIRED TO COMPLETE THE WORK.
10. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, PLANET, AND UNIVERSAL CODES.
11. VERIFY ALL ROUGH OPENINGS WITH MANUFACTURERS PRIOR TO FRAMING
12. FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
13. FIELD VERIFY ALL EXISTING SITE DIMENSIONS PRIOR TO START OF CONSTRUCTION.
14. FIREBLOCK SHALL BE INSTALLED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED OR STUDED OFF SPACES OF MASONRY OR CONCRETE WALLS, AND AT THE CEILING AND FLOOR OR ROOF LEVELS. FIRESTOP SHALL BE INSTALLED AT ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS OVER CABINETS, DROP CEILINGS, COVE CEILINGS, ETC.

STEEL ASSEMBLY

1. ALL STRUCTURAL STEEL COMPONENTS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) SPECIFICATIONS AND STANDARDS.
2. ALL CONNECTIONS SHALL BE DESIGNED TO RESIST THE LOADS SHOWN IN THE STRUCTURAL DRAWINGS. CONNECTIONS NOT SPECIFIED SHALL BE DESIGNED BY THE FABRICATOR AND APPROVED BY THE ENGINEER OF RECORD.
3. ALL WELDING SHALL CONFORM TO AWS D1.1 LATEST EDITION AND SHALL BE PERFORMED BY CERTIFIED WELDERS. WELDING ELECTRODES SHALL MATCH THE BASE METAL STRENGTH AND BE APPROPRIATE FOR THE ENVIRONMENTAL CONDITIONS.
4. ALL BOLTED CONNECTIONS SHALL USE ASTM A325 OR A490 HIGH-STRENGTH BOLTS INSTALLED IN ACCORDANCE WITH RCSC (RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS) SPECIFICATIONS.
5. ALL BASE PLATES AND COLUMN BEARING SURFACES SHALL BE LEVELED AND GROUTED AS REQUIRED. NON-SHRINK GROUT SHALL BE USED AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
6. STEEL MEMBERS IN CONTACT WITH CONCRETE OR EXPOSED TO MOISTURE SHALL BE COATED WITH AN APPROVED PRIMER OR GALVANIZED AS SPECIFIED IN THE CONTRACT DOCUMENTS.
7. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND INSTALLED PER SHOP DRAWINGS APPROVED BY THE ENGINEER OF RECORD. FIELD MODIFICATIONS REQUIRE PRIOR APPROVAL.
8. PROVIDE TEMPORARY BRACING AS NECESSARY TO MAINTAIN STABILITY DURING ERECTION. ALL TEMPORARY BRACING SHALL BE REMOVED ONCE PERMANENT CONNECTIONS HAVE BEEN COMPLETED AND VERIFIED.
9. ALL OPEN WEB STEEL JOISTS AND METAL DECKING SHALL BE INSTALLED ACCORDING TO THE STEEL JOIST INSTITUTE (SJI) AND STEEL DECK INSTITUTE (SDI) REQUIREMENTS.
10. ALL EMBEDDED PLATES, ANCHOR BOLTS, AND CONNECTION HARDWARE SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCES AND ENSURE PROPER FIT-UP.
11. ALL FIREPROOFING REQUIREMENTS SHALL BE VERIFIED AND APPLIED AS SPECIFIED IN THE CONTRACT DOCUMENTS. FIELD-APPLIED FIREPROOFING SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
12. DEFINITIONS:
FURNISH - TO SUPPLY, PURCHASE, ACQUIRE, DELIVER TO SITE COMPLETE W/ RELATED ACCESSORIES AND TRANSFER TO OTHERS FOR INSTALLATION, INSTALL - TO RECEIVE, UNLOAD, DISTRIBUTE, CONSTRUCT, ERECT, MOUNT, AND CONNECT COMPLETE W/ RELATED ACCESSORIES AND READY FOR SAFE AND REGULAR OPERATION AS APPLICABLE. PROVIDE - TO FURNISH, INSTALL, AND PAY ALL COSTS IN CONNECTION THEREWITH.
13. HANDRAILS, GUARDRAILS BALUSTERS AND NEWEL POSTS
SHALL COMPLY W/ OBC - 1991 EDITION

DISCREPANCIES & CLARIFICATIONS

1. CONTRACTORS SHALL VERIFY ALL ELEVATIONS, DIMENSIONS AND EXISTING CONDITIONS PRIOR TO INITIATING CONSTRUCTION.
2. DO NOT SCALE DRAWINGS TO DETERMINE DIMENSIONS. IF A REQUIRED DIMENSION IS NOT INDICATED, CONTACT THE ARCHITECT FOR DETERMINATION.
3. DETAILS ARE GENERALLY TYPICAL AND ARE NOT TO BE CONSTRUED AS LIMITED TO THOSE AREAS SPECIFICALLY INDICATED. REVIEW ANY QUESTIONS OR CONFLICTING INFORMATION WITH THE ARCHITECT PRIOR TO INSTALLATION.
4. WHERE A DISCREPANCY IS FOUND BETWEEN EXISTING FIELD CONDITIONS AND/OR BETWEEN ARCHITECTURAL, STRUCTURAL, PLUMBING, FIRE PROTECTION, HVAC, OR ELECTRICAL CONTRACT DOCUMENTS, NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO BIDDING, FABRICATION OR INSTALLATION.

DRAWN BY:	JB	DRAWING NO.	REV.
SCALE:	As indicated		
CHECKER:	BM		
DATE:	03/24/25		
		A001	

GENERAL NOTES EXISTING

1. IT IS THE RESPONSIBILITY OF EACH CONTRACTOR TO PROVIDE COMPLETE WORKING SYSTEMS FOR NEW ELEMENTS.
2. ALL CONTRACTORS SHALL PROVIDE NEW, UNDAMAGED MATERIALS UNLESS OTHERWISE SPECIFIED.
3. STORE MATERIALS IN SUCH A MANNER AS NOT TO OVERSTRESS, OVERLOAD, OR OTHERWISE PUT AN UNSAFE LOAD ON ANY STRUCTURE DURING CONSTRUCTION.
4. INSTALL ALL WORKINGS ACCORDING WITH CURRENT APPLICABLE CODES, PUBLISHED STANDARDS AND ACCEPTABLE CONSTRUCTION STANDARDS. ALL NEW WORK SHALL BE PLUMB AND LEVEL UNLESS NOTED OTHERWISE.
5. ALL FIRE RATED PARTITIONS SHALL EXTEND TO STRUCTURE ABOVE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR EXTENDING FIRE-RATED PARTITIONS AROUND EQUIPMENT CABINETS AND OTHER ITEMS WHICH PENETRATE THESE PARTITIONS, AND SHALL BE RESPONSIBLE FOR FILLING ALL VOIDS IN FIRE-RATED PARTITIONS ABOVE CEILINGS TO MAINTAIN DESIGNATED FIRE-RATINGS.
6. ITEMS INDICATED N.I.C. ARE "NOT IN CONTRACT".
7. ALL DIMENSIONS ARE TO FINISH WALL SURFACE UNLESS NOTED OTHERWISE. I.E.
8. DISSIMILAR FINISH FLOOR MATERIALS SHALL MEET UNDER CENTER OF DOOR LEAF, UNLESS NOTED OTHERWISE.

MODULES

- 1 - OPERATIONS AND COMMUNICATION
- 2A & 2B - MEDICAL RESEARCH
- 3A & 3B - GENERAL RESEARCH LABORATORY
- 4 - MATERIAL RESEARCH AND PROCESSING
- 5 - AGRICULTURE
- 6 - GYMNASIUM AND LOUNGE
- 7 - FOOD SERVICES MODULE
- 8A & 8B - DORMITORY



1 SITE PLAN
A101 1 : 1400

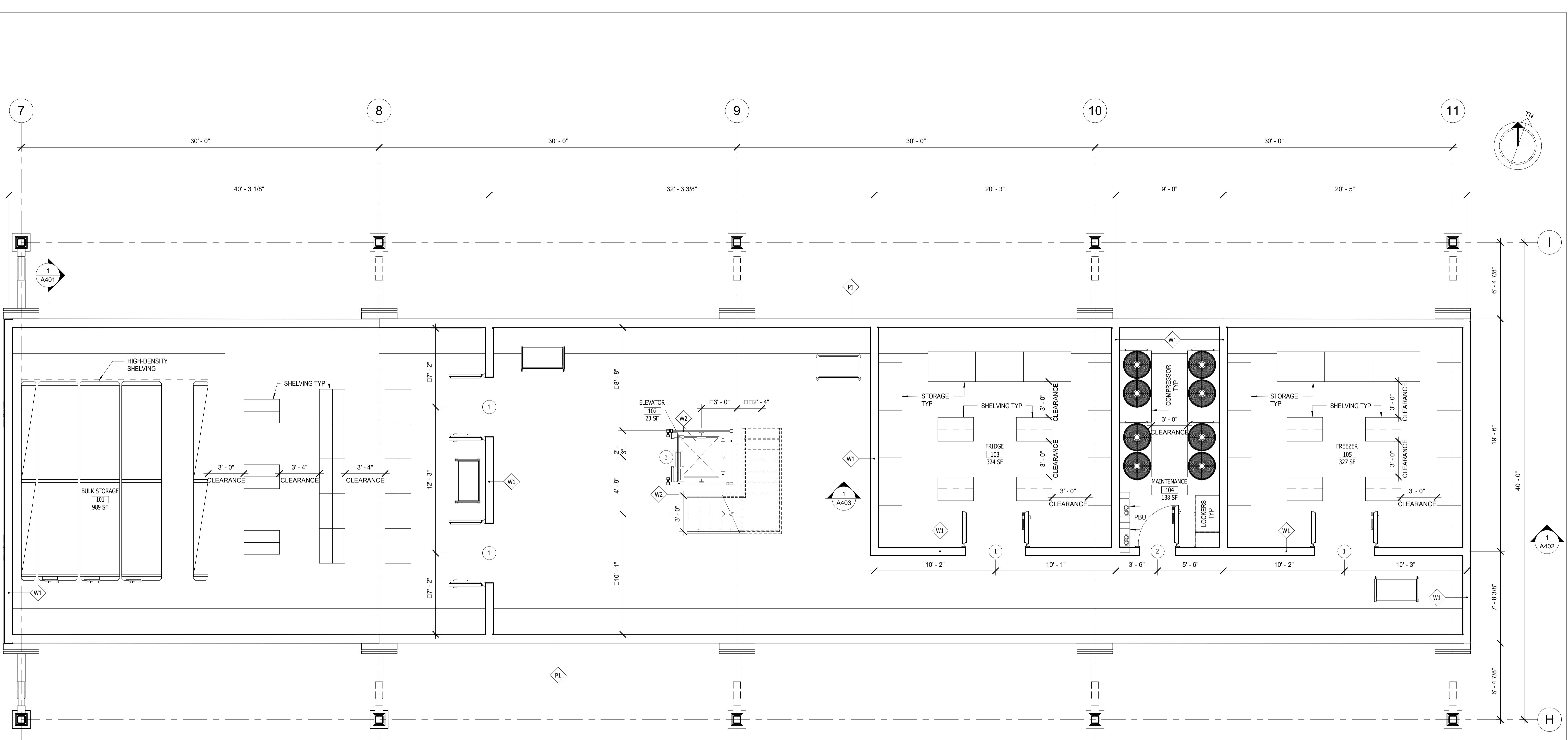
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TITLE
**M.A.R.S HABITAT CONCEPT PROPOSAL
AGRICULTURE MODULE
SITE PLAN**

DRAWN BY:	JB	DRAWING NO.	
SCALE:	As indicated	A101	REV.
CHECKER:	BM		
DATE:	03/24/25		

NO.	DATE	REVISION	APP.



1 LEVEL 1 FLOOR PLAN
A201
1/4" = 1'-0"

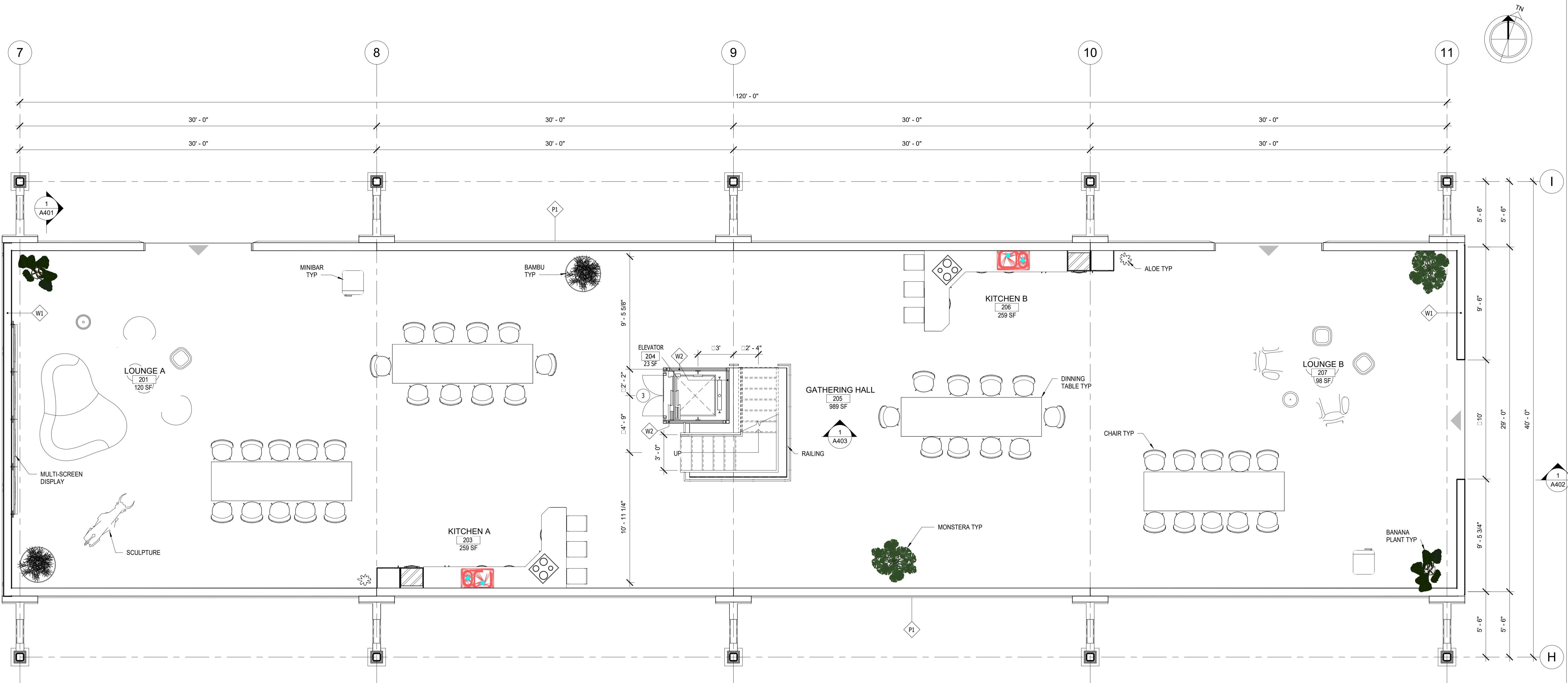
NO.	DATE	REVISION	APP.
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TITLE
**M.A.R.S HABITAT CONCEPT PROPOSAL
AGRICULTURE MODULE
FLOOR PLAN - LEVEL 1**

DRAWN BY:	JB	DRAWING NO.	
SCALE:	1/4" = 1'-0"	REV.	
CHECKER:	BM		
DATE:	03/24/25	A201	



1 LEVEL 2 FLOOR PLAN
A202 1/4" = 1'-0"

NO.	DATE	REVISION	APP.

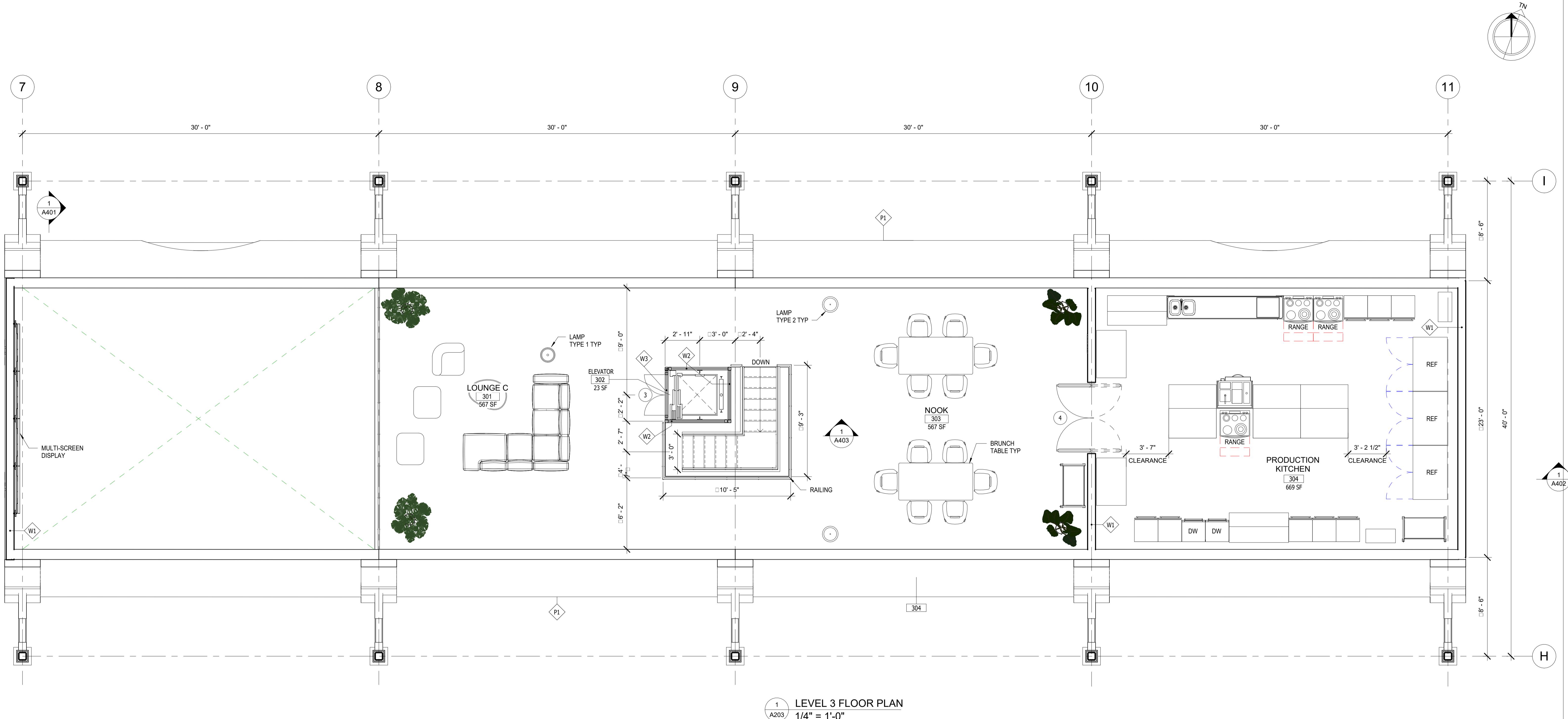
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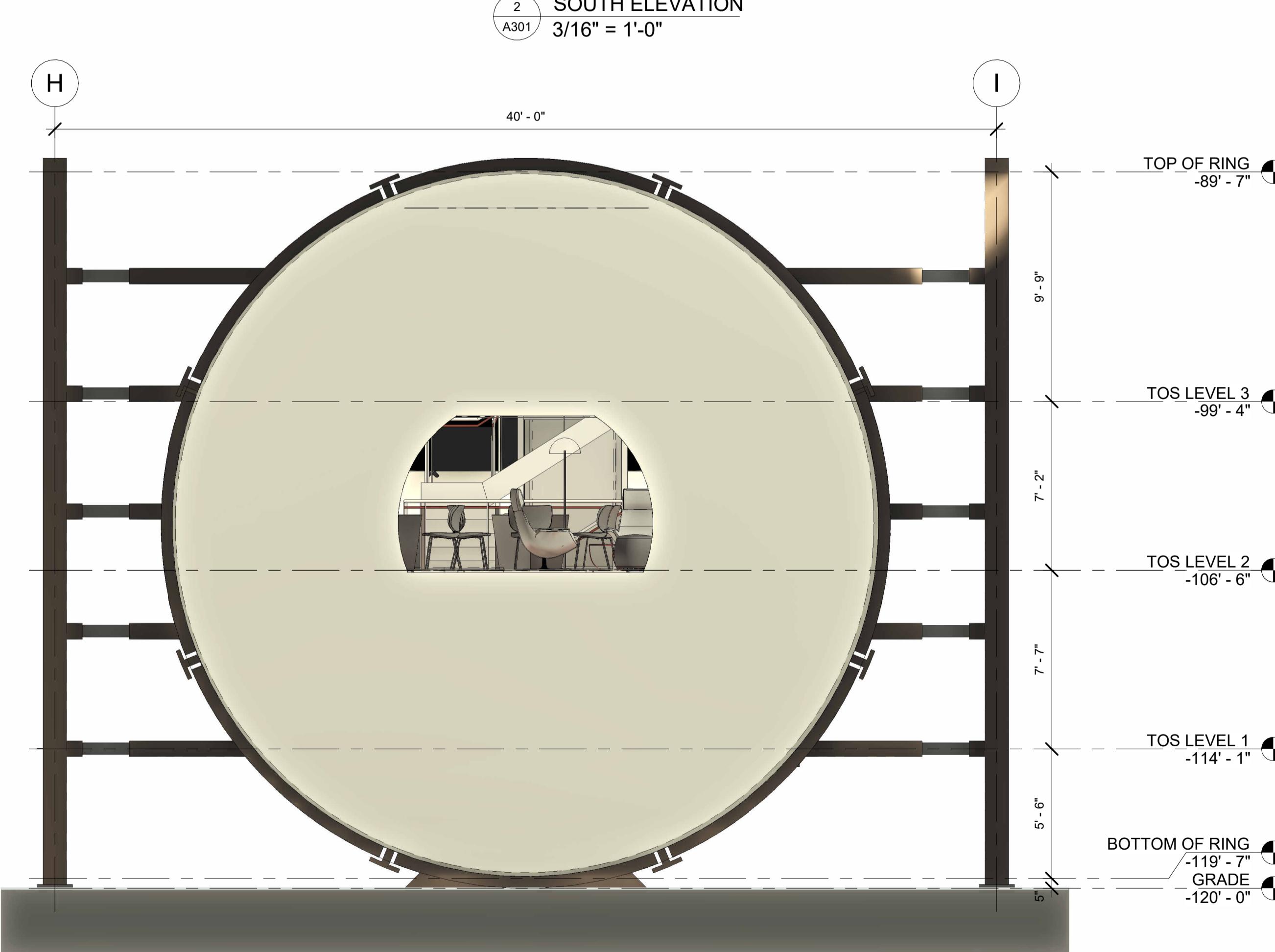
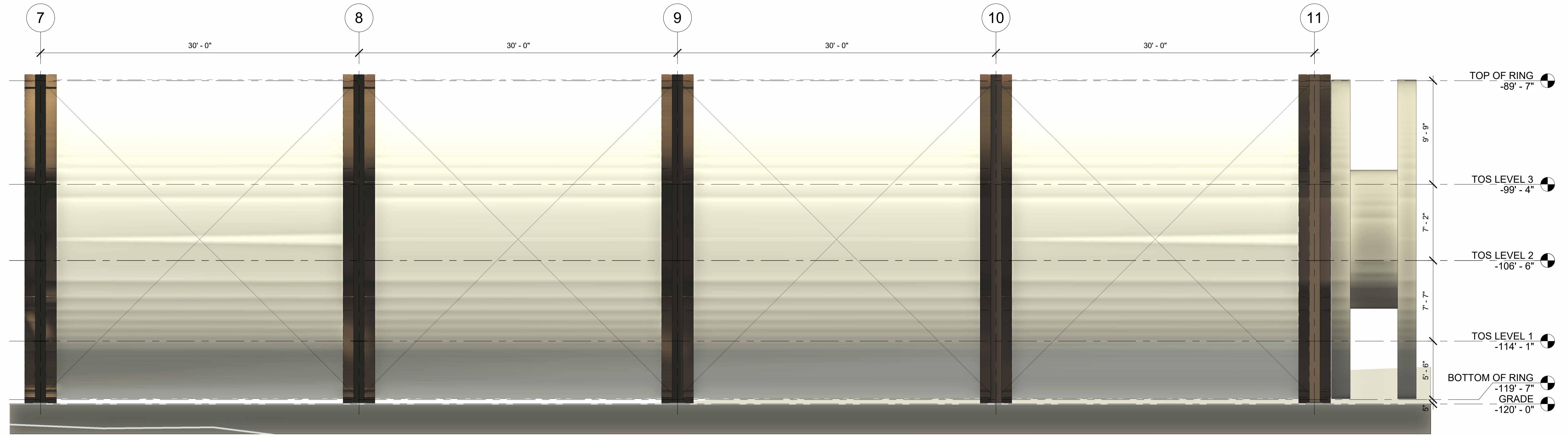


TITLE

M.A.R.S HABITAT CONCEPT PROPOSAL
AGRICULTURE MODULE
FLOOR PLAN - LEVEL 2

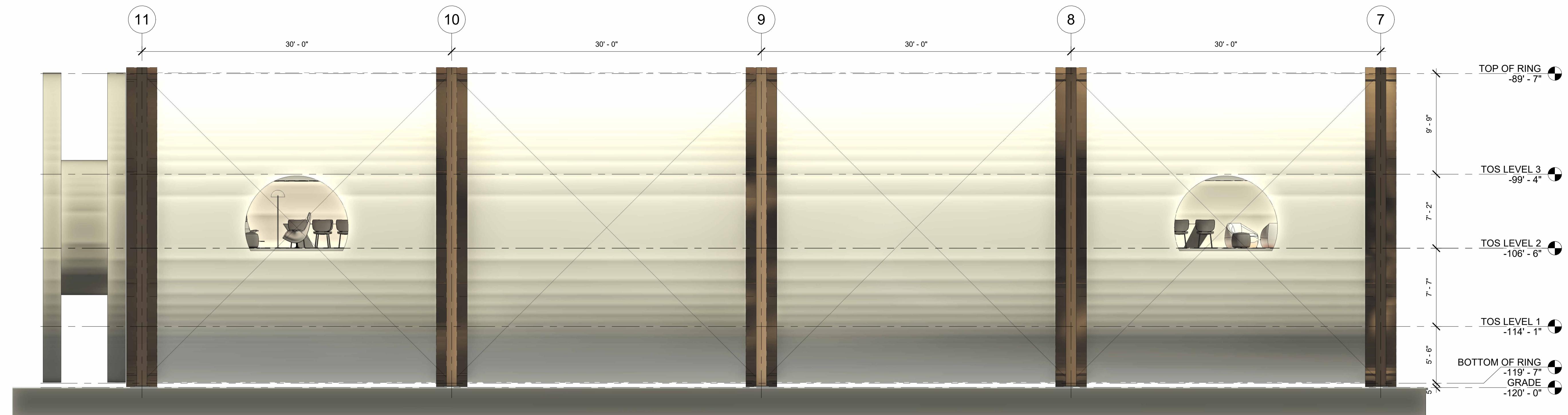
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SCALE:	1/4" = 1'-0"		
CHECKER:	BM		
DATE:	03/24/25	A202	



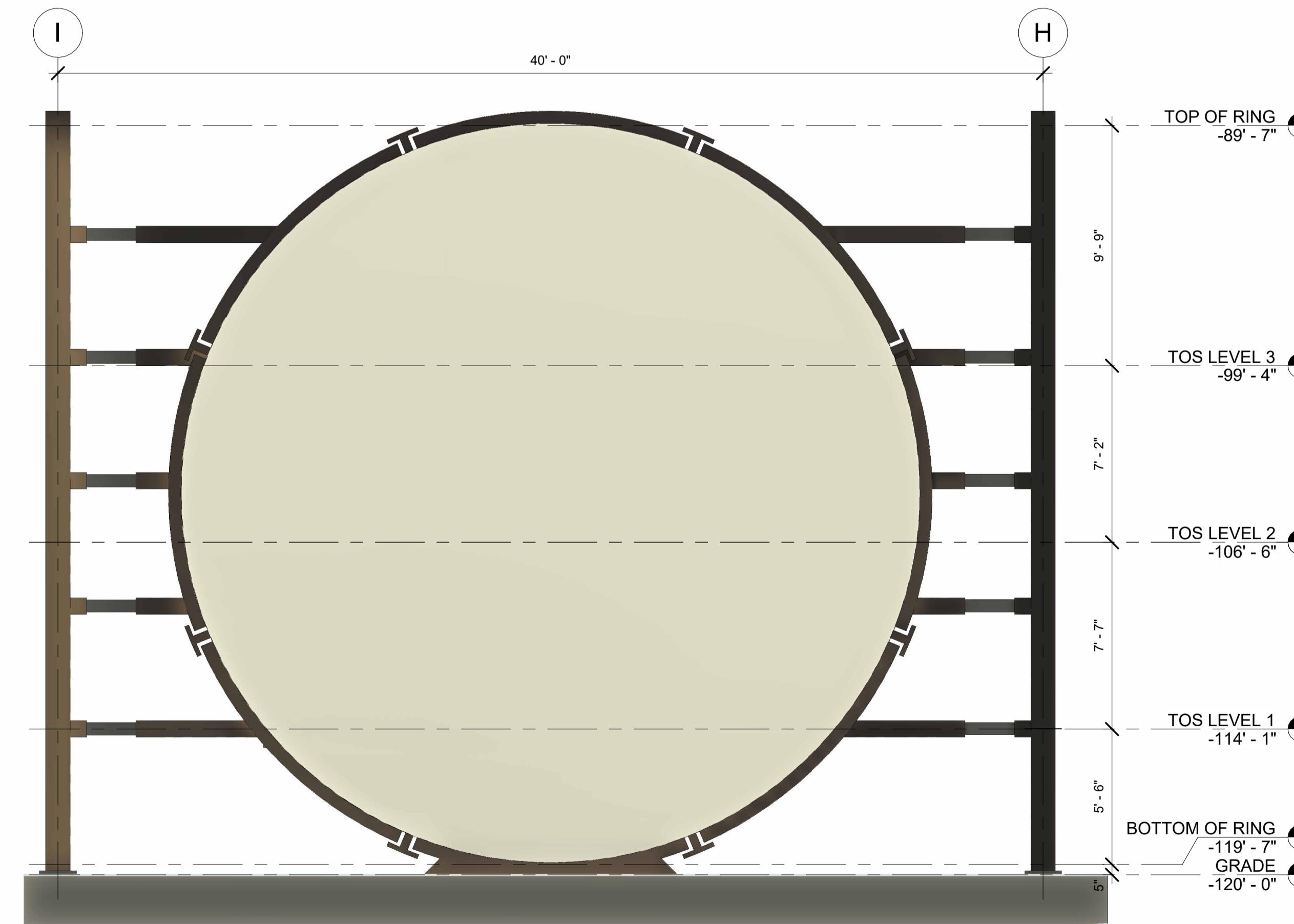


EAST ELEVATION
A301
1/4" = 1'-0"

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NO.	DATE	REVISION	APP.					SCALE:	As indicated		
								CHECKER:	BM		A301
								DATE:	03/24/25		

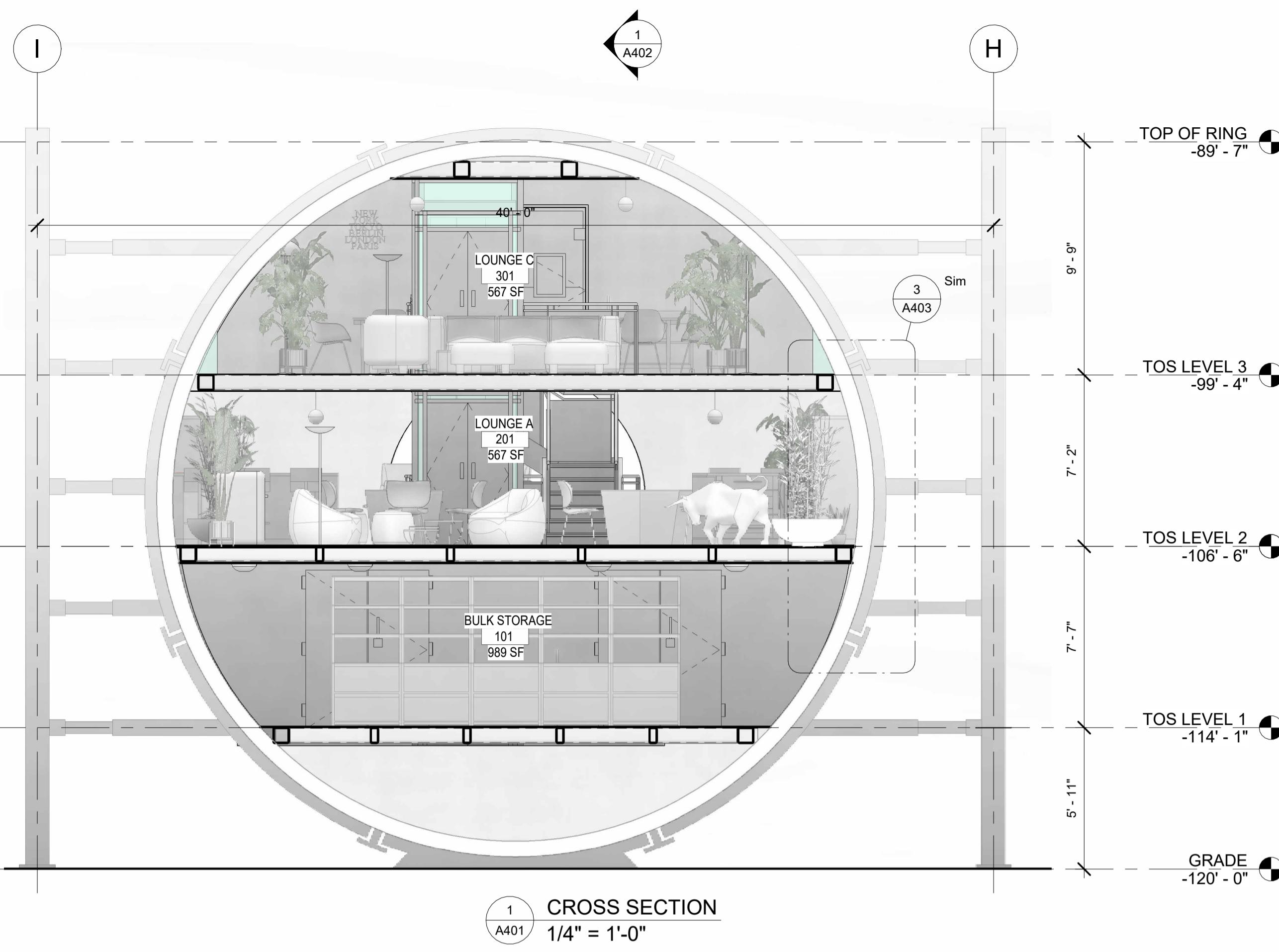


1 NORTH ELEVATION
A302
3/16" = 1'-0"

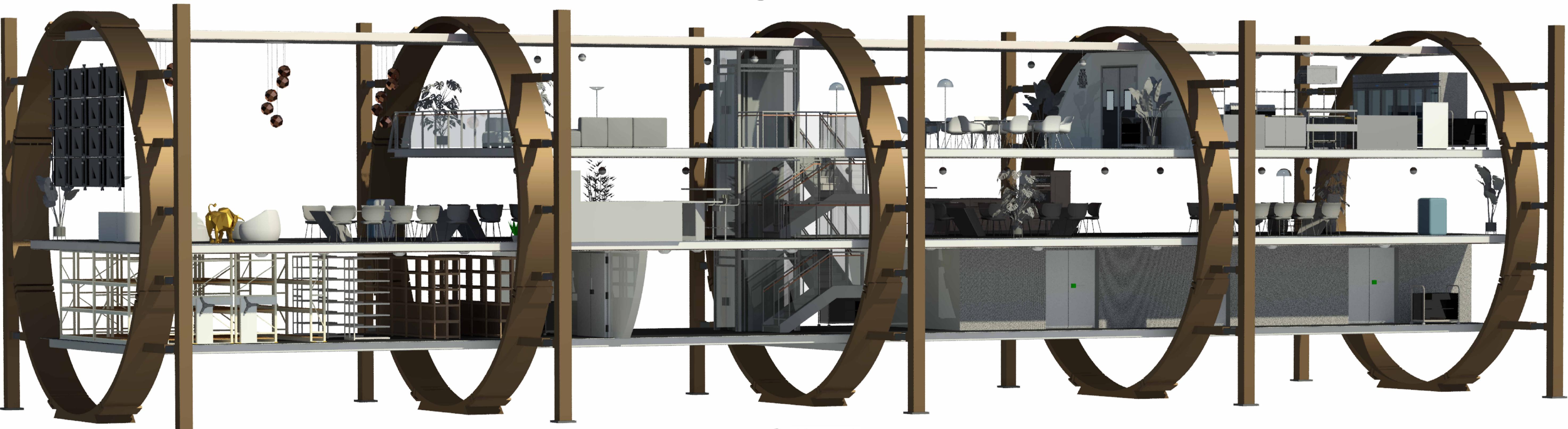


2 WEST ELEVATION
A302
1/4" = 1'-0"

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NO.	DATE	REVISION	APP.					SCALE:	As indicated		
								CHECKER:	BM		
								DATE:	03/24/25		

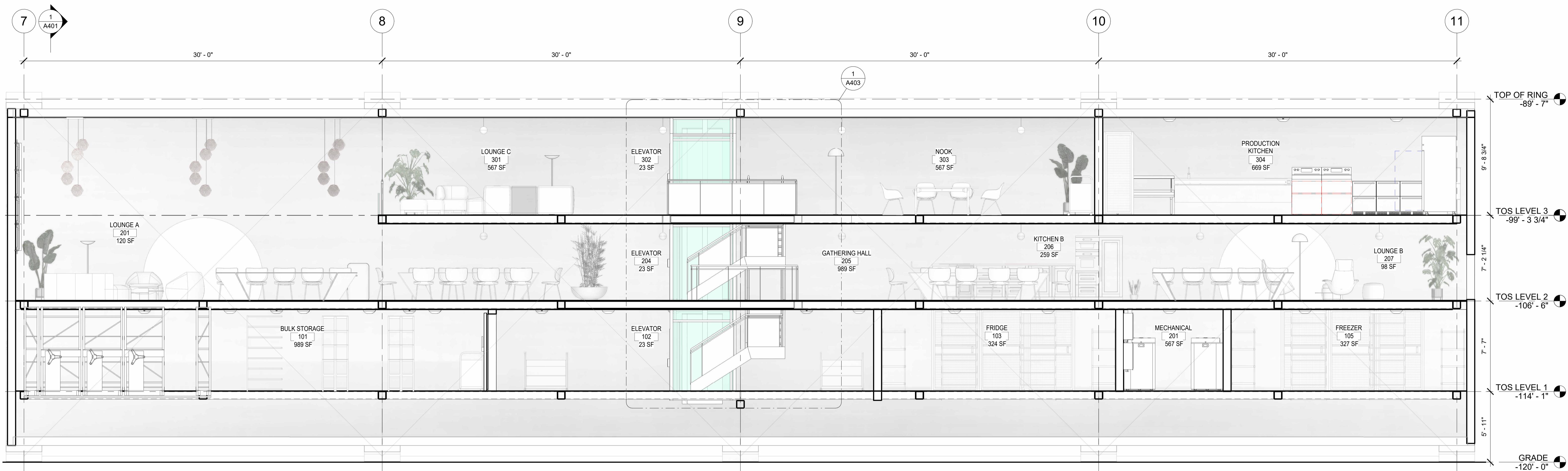


CROSS SECTION
A401 1/4" = 1'-0"



ISOMETRIC
A002 3/16" = 1'-0"

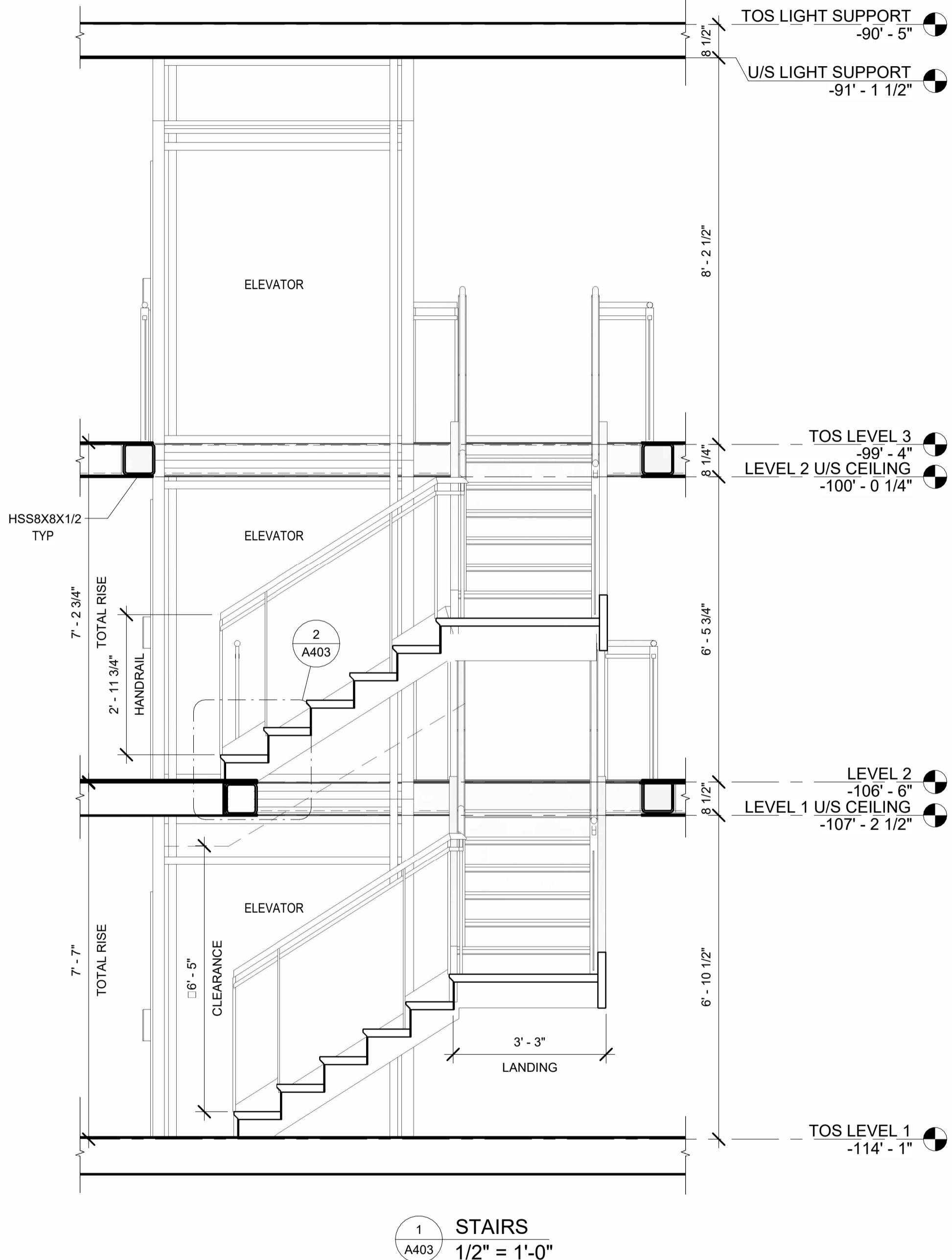
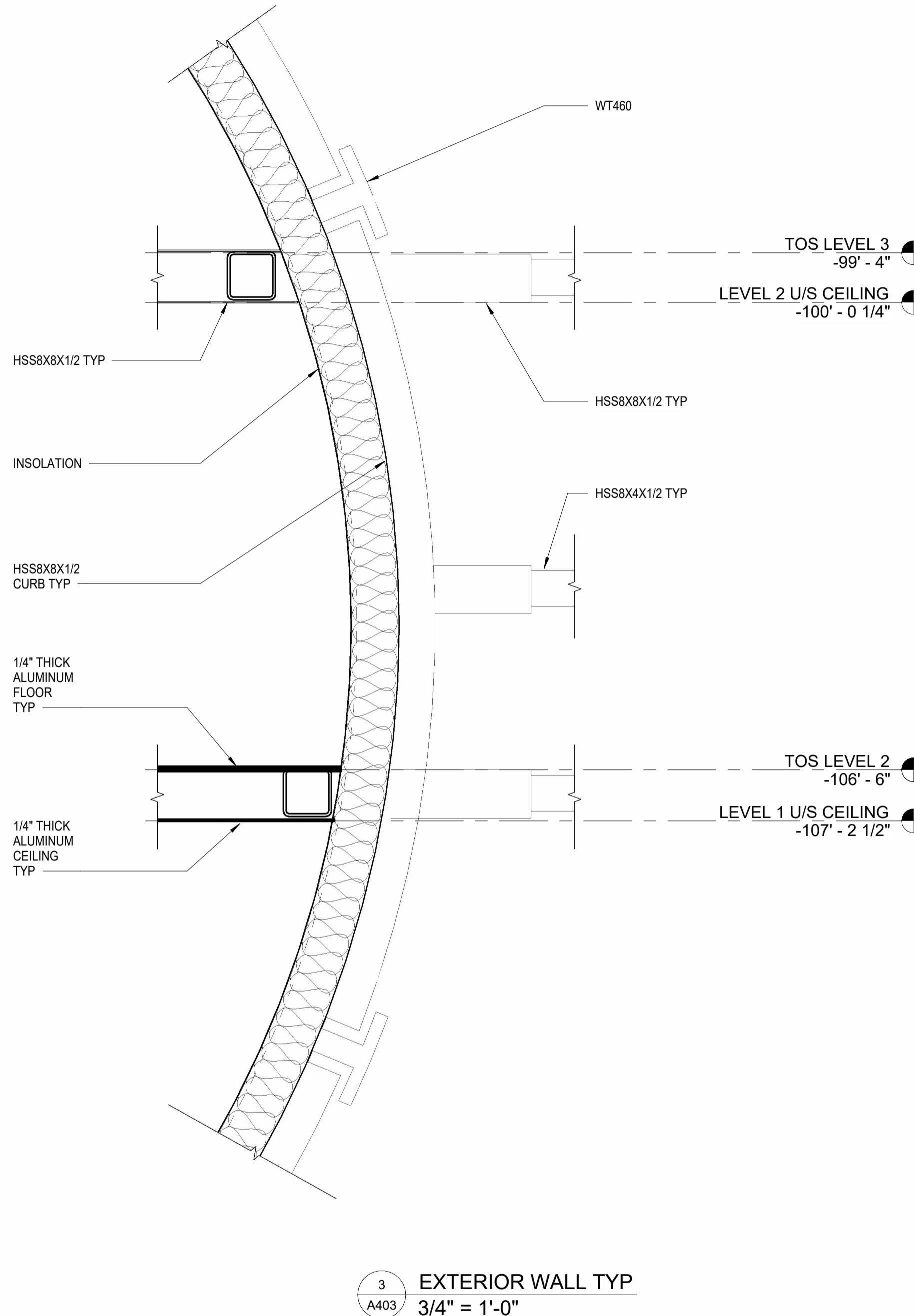
				VANCOUVER COMMUNITY COLLEGE CAD & BIM TECHNOLOGIES VANCOUVER, BC.	VANCOUVER COMMUNITY COLLEGE	TITLE M.A.R.S HABITAT CONCEPT PROPOSAL AGRICULTURE MODULE SECTIONS & DETAILS	DRAWN BY:	JB	DRAWING NO. A401	REV.
NO.	DATE	REVISION	APP.				SCALE:	1/4" = 1'-0"		
							CHECKER:	BM		
							DATE:	03/24/25		



1 LONGITUDINAL SECTION
A402 1/4" = 1'-0"

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NO.	DATE	REVISION	APP.			SCALE: 1/4" = 1'-0"		

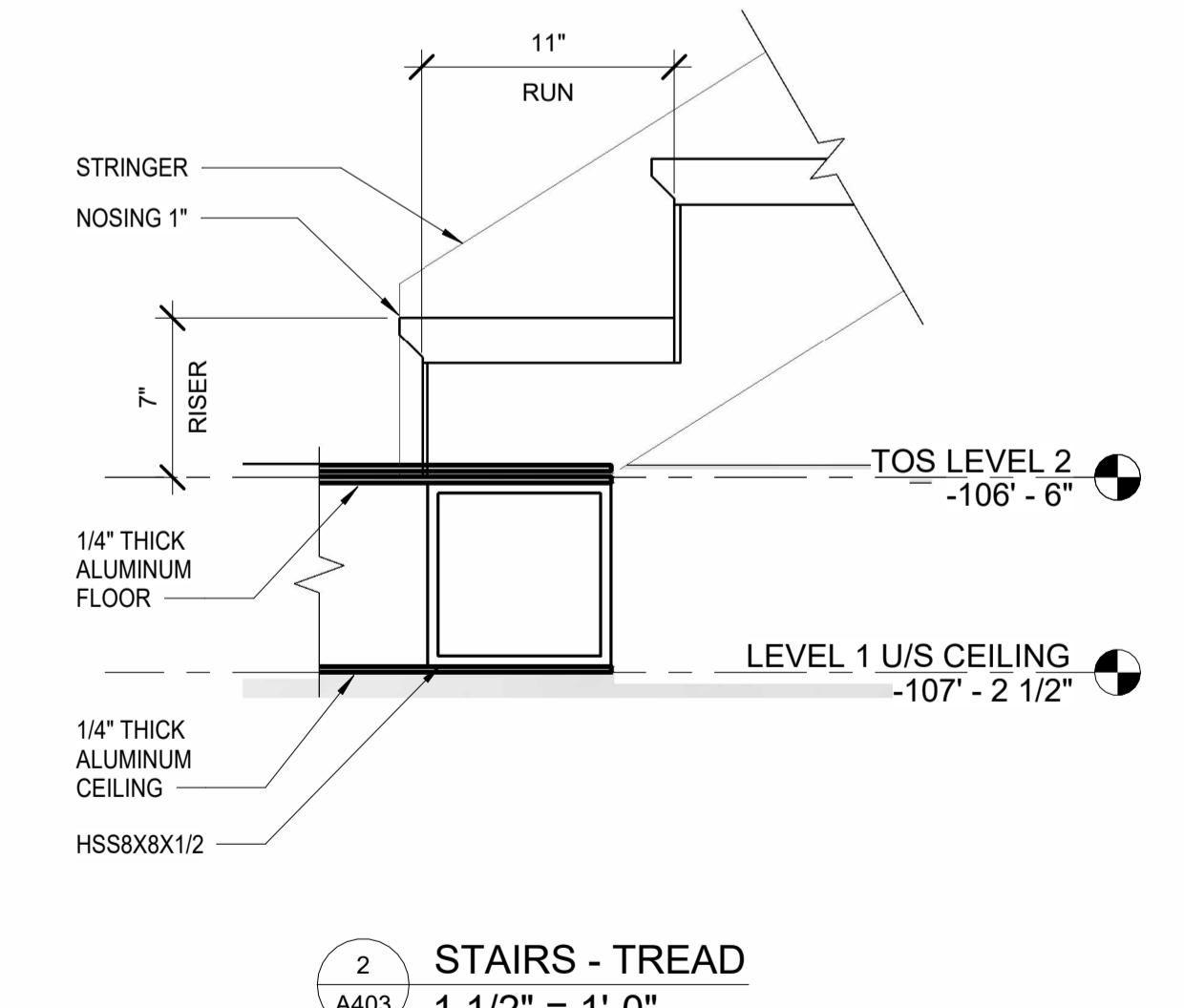
DOOR SCHEDULE					
NO.	WIDTH	HEIGHT	ROUGH WIDTH	ROUGH HEIGHT	PANEL MATERIAL
1	5' - 0"	6' - 6"	5' - 4"	6' - 8"	FOAMED-IN-PLACED INSULATED PANEL
2	3' - 0"	6' - 6"	3' - 4"	6' - 8"	FOAMED-IN-PLACED INSULATED PANEL
3	3' - 5"	6' - 0"	3' - 7"	6' - 2"	DOUBLE GLASS
4	6' - 0"	7' - 0"	6' - 4"	7' - 2"	FOAMED-IN-PLACED INSULATED PANEL



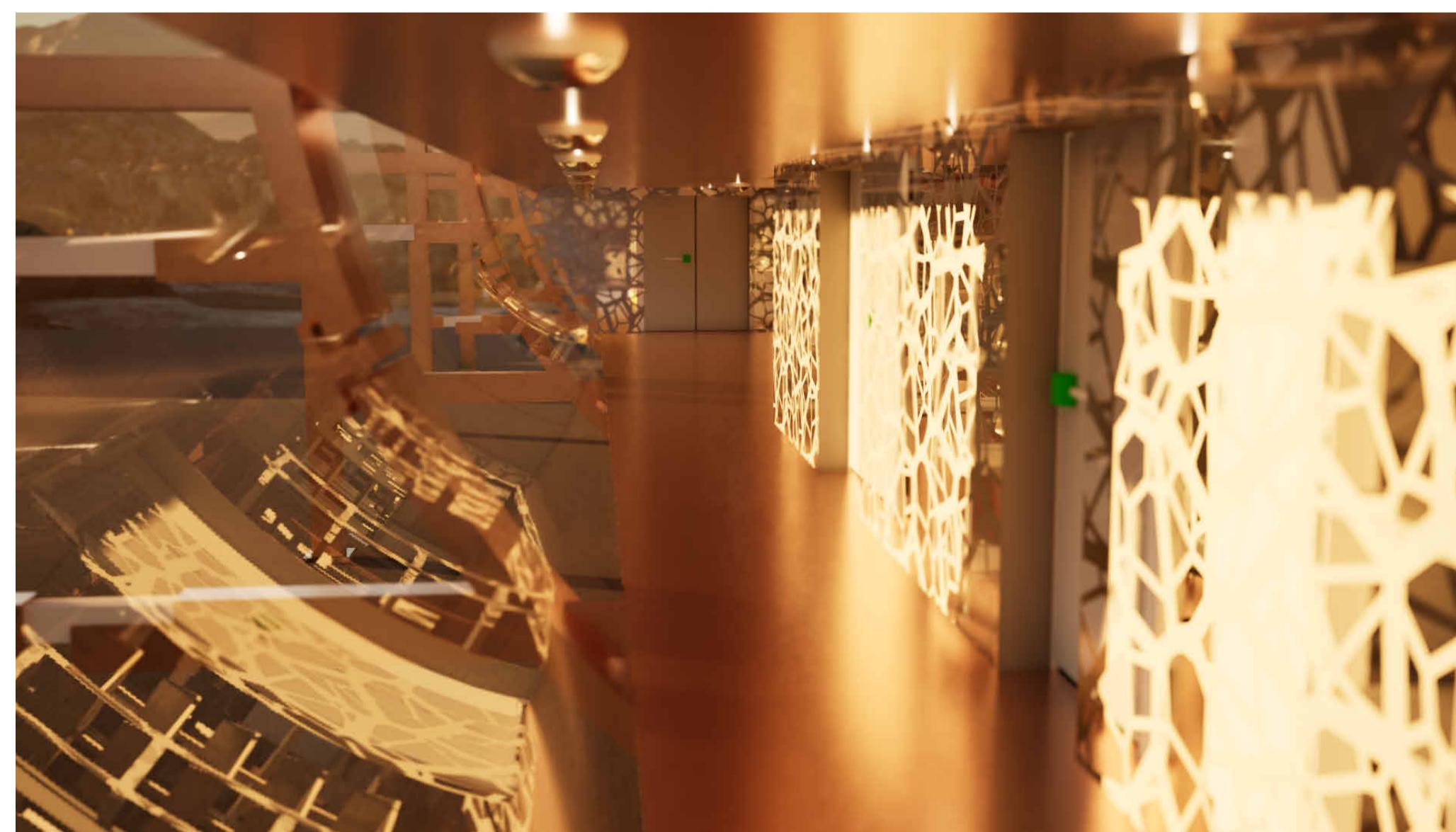
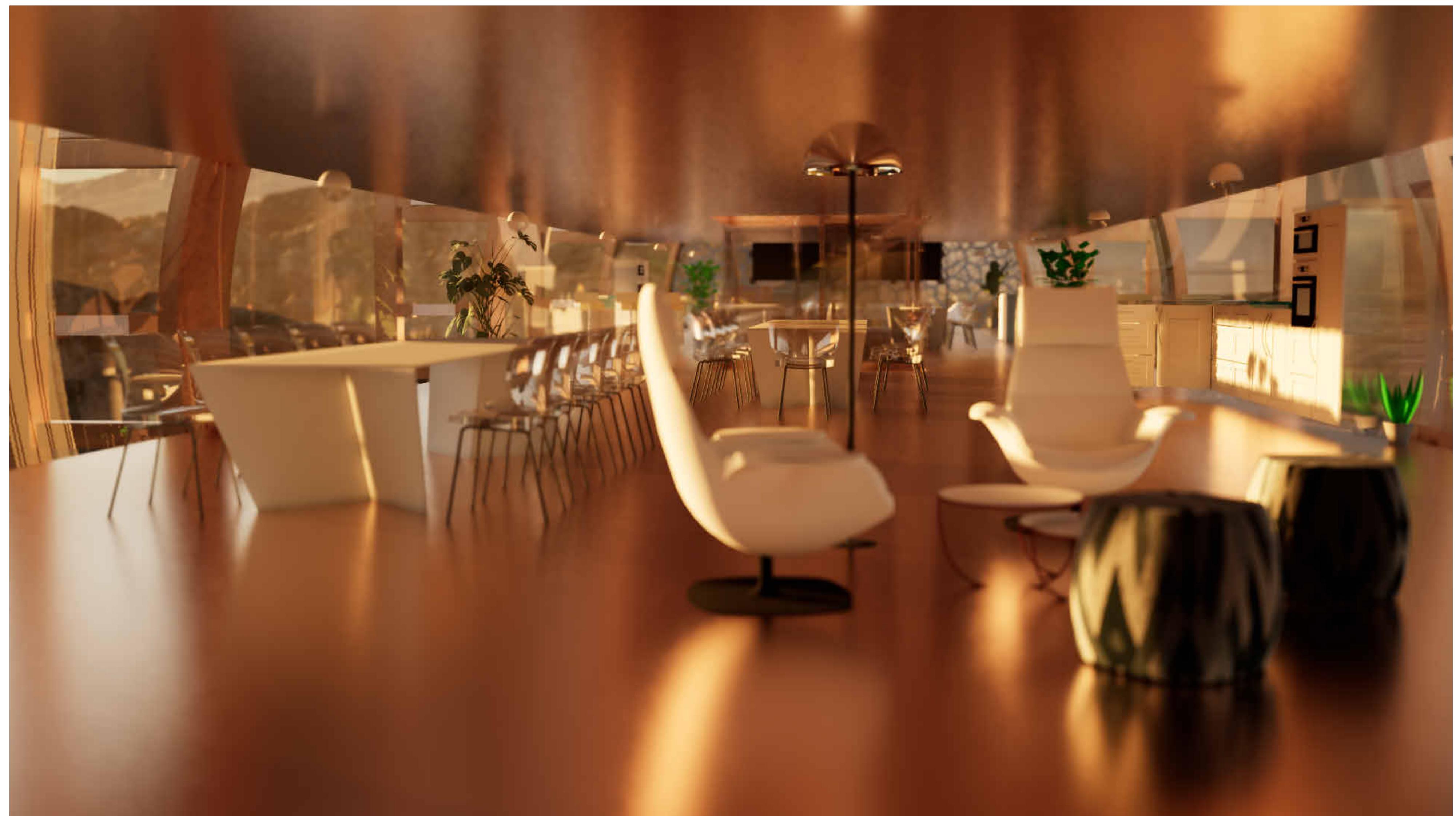
WALL SCHEDULE		
TYPE MARK	GRAPHIC	DESCRIPTION
W1		INFLATABLE ENVELOPE 8"
W2		CURTAIN PARTITION
W3		CURTAIN WALL W/DOOR

CEILING SCHEDULE			
NO.	TYPE MARK	HEIGHT OFFSET	DESCRIPTION
1	C1	0"	1/4" THICK ALUMINUM

FLOOR SCHEDULE		
NO.	TYPE MARK	THICKNESS
F1	304	1/4"



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NO.	DATE	REVISION	APP.			SCALE: As indicated		



NO.	DATE	REVISION	APP.

VANCOUVER COMMUNITY COLLEGE
CAD & BIM TECHNOLOGIES
VANCOUVER, BC.



TITLE

M.A.R.S HABITAT CONCEPT PROPOSAL
AGRICULTURE MODULE
RENDERS

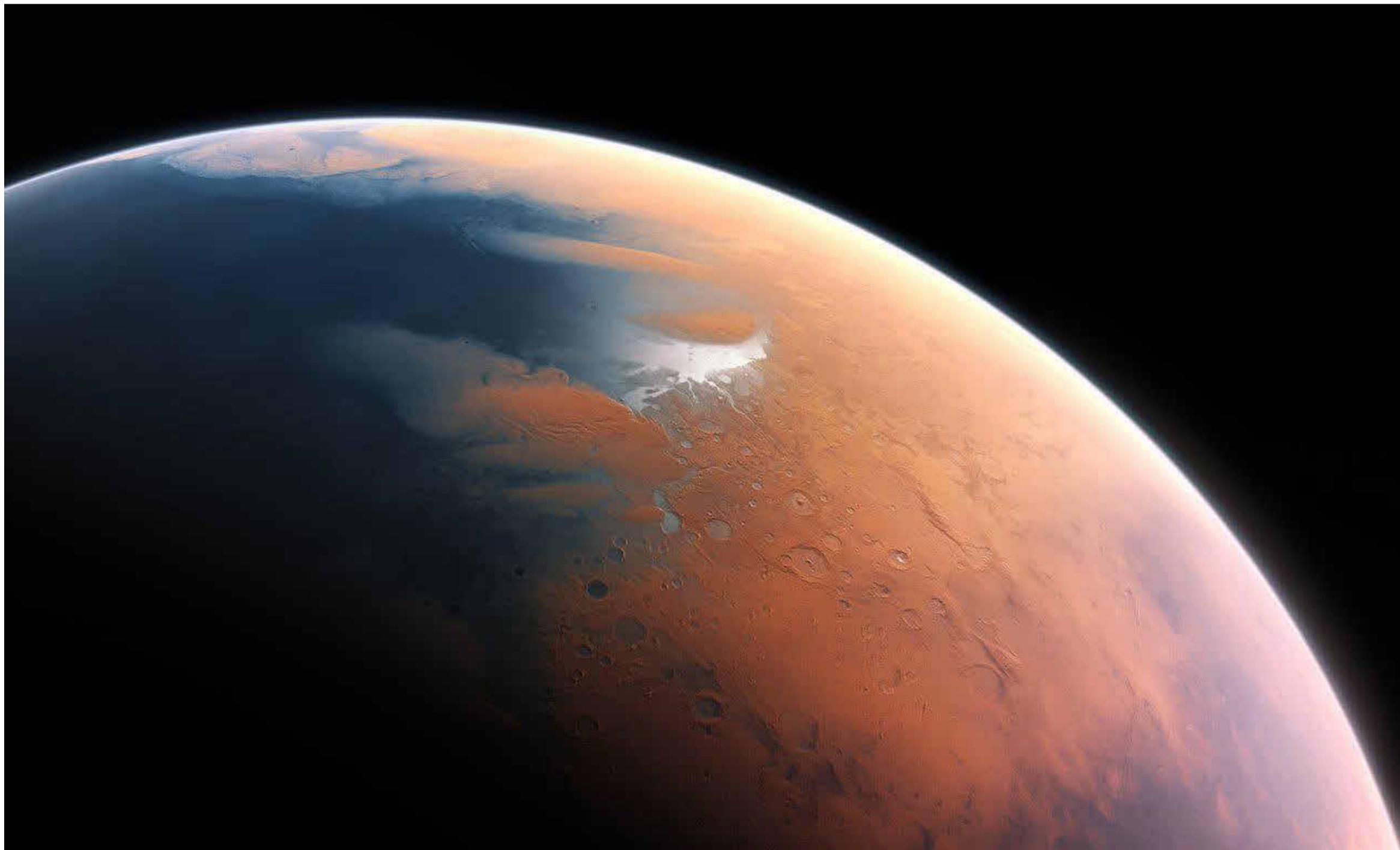
DRAWN BY:	JB
SCALE:	
CHECKER:	BM
DATE:	03/24/25

DRAWING NO.	REV.
A501	

LAVALOPOLIS

M.A.R.S. BASE

MODULAR ASSEMBLY REUSABLE STRUCTURE



DRAWING SYMBOLS

	DOOR TAG
	WALL TAG
	CALLOUT HEAD
	REF VIEW NAME ELEVATION ARROW AND VIEW NAME
	1T DETAIL TAG
	SPOT ELEVATION FILLED TAG
	ROOM NAME 101 150 SF ROOM TAG
	BENCHMARK
	0 GRID LINE
	N 90.00 E DISTANCE PROPERTY LINE TAG
	SECTION TAIL FILLED
	1 A101 SECTION HEAD FILLED
---G--- S	GAS
---P--- ■	POWER
---W--- ■	WATER
---D--- →	DATA/TELEPHONE
— - - —	PROPERTY LINE

SHEET LIST SCHEDULE	
NUMBER	NAME
A001	COVER
A101	SITE PLAN
A201	FLOOR PLAN - LEVEL 1
A202	FLOOR PLAN - LEVEL 2
A203	FLOOR PLAN - LEVEL 3
A301	ELEVATIONS
A302	ELEVATIONS
A401	SECTIONS & DETAILS
A402	SECTIONS & DETAILS
A403	SECTIONS & DETAILS
A501	RENDERS
S001	COVER
S101	FLOOR PLAN - LEVEL 1
S102	FLOOR PLAN - LEVEL 2
S103	FLOOR PLAN - LEVEL 3
S201	FRAMING ELEVATIONS
S202	FRAMING ELEVATIONS
S203	FRAMING ELEVATIONS
S204	FRAMING ELEVATIONS
S99	UNLabeled

COORDINATION OF TRADES

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3. EACH SUB-CONTRACTOR SHALL OBTAIN AND PAY FOR REQUIRED BUILDING PERMIT AND SCHEDULE REQUIRED INSPECTIONS AND COORDINATE ALL TRADES.

CUTTING AND PATCHING

1. THE CONTRACTOR SHALL NOT CUT STRUCTURAL WORK IN A MANNER RESULTING IN A REDUCTION OF LOAD CARRYING CAPACITY OR LOAD/DEFLECTION RATIO.
2. CUTTING OF JOISTS OR BEAMS IS PROHIBITED EXCEPT AS INDICATED ON THE DRAWINGS AND AS ALLOWED BY THE ARCHITECT OR STRUCTURAL ENGINEER ON A PER-CASE BASIS.

STEEL ASSEMBLY

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13. VERIFY ALL ROUGH OPENINGS WITH MANUFACTURERS PRIOR TO FRAMING
14. FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
15. FIELD VERIFY ALL EXISTING SITE DIMENSIONS PRIOR TO START OF CONSTRUCTION.
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GENERAL NOTES EXISTING

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6. ITEMS INDICATED N.I.C. ARE "NOT IN CONTRACT".
7. ALL DIMENSIONS ARE TO FINISH WALL SURFACE UNLESS NOTED OTHERWISE. I.E.
8. DISSIMILAR FINISH FLOOR MATERIALS SHALL MEET UNDER CENTER OF DOOR LEAF, UNLESS NOTED OTHERWISE.
9. TOP OF FLOOR DRAINS TO BE 1/2" BELOW FIN. FLR. ELEVATION UNLESS NOTED OTHERWISE. SLOPE FLR. TO 3 FEET RADIUS IF NOT SPECIFIED OTHERWISE.
10. ALL BASES, INCLUDING CONCRETE PADS FOR MECHANICAL, PLUMBING, AND ELECTRICAL EQUIP. ARE THE RESPONSIBILITY OF THE TRADES INVOLVED UNLESS NOTED OTHERWISE.
11. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, PLANET, AND UNIVERSAL CODES.
12. SUB-CONTRACTOR SHALL DETERMINE ERECTION PROCEDURE AND SEQUENCE AND PROVIDE WHATEVER TEMPORARY BRACING, ETC. THAT MAY BE REQUIRED TO COMPLETE THE WORK.
13. VERIFY ALL ROUGH OPENINGS WITH MANUFACTURERS PRIOR TO FRAMING
14. FIELD VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
15. FIELD VERIFY ALL EXISTING SITE DIMENSIONS PRIOR TO START OF CONSTRUCTION.
16. FIREBLOCK SHALL BE INSTALLED IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED OR STUDDED OFF SPACES OF MASONRY OR CONCRETE WALLS, AND AT THE CEILING AND FLOOR OR ROOF LEVELS. FIRESTOP SHALL BE INSTALLED AT ALL INTERCONNECTIONS BETWEEN VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS OVER CABINETS, DROP CEILINGS, COVE CEILINGS, ETC..

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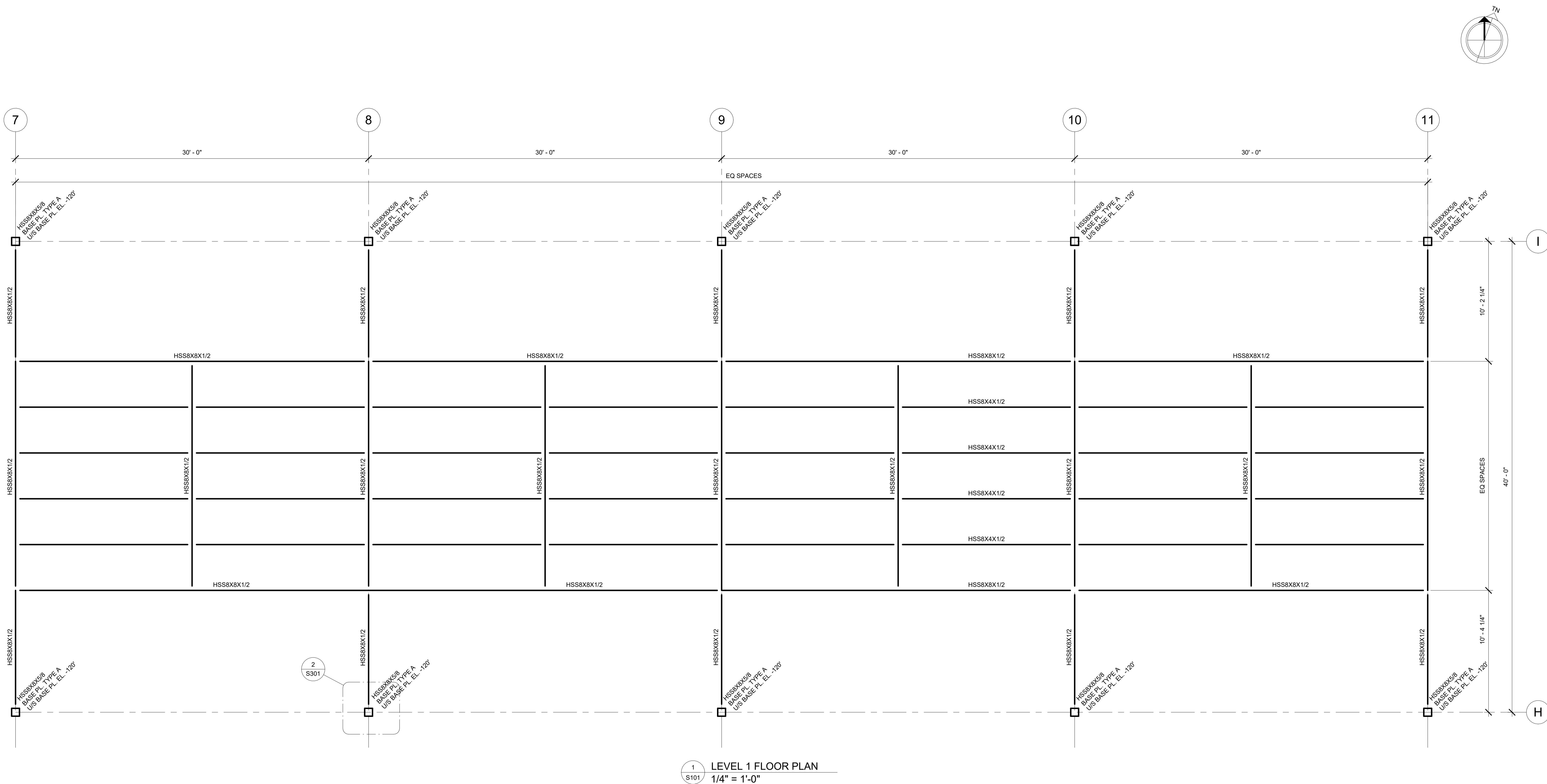
6. PROVIDE TEMPORARY BRACING AS NECESSARY TO MAINTAIN STABILITY DURING ERECTION. ALL TEMPORARY BRACING SHALL BE REMOVED ONCE PERMANENT CONNECTIONS HAVE BEEN COMPLETED AND VERIFIED.
7. ALL OPEN WEB STEEL JOISTS AND METAL DECKING SHALL BE INSTALLED ACCORDING TO THE STEEL JOIST INSTITUTE (SJI) AND STEEL DECK INSTITUTE (SDI) REQUIREMENTS.
8. ALL EMBEDDED PLATES, ANCHOR BOLTS, AND CONNECTION HARDWARE SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCES AND ENSURE PROPER FIT-UP.
9. ALL FIREPROOFING REQUIREMENTS SHALL BE VERIFIED AND APPLIED AS SPECIFIED IN THE CONTRACT DOCUMENTS. FIELD-APPLIED FIREPROOFING SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.

10. WHERE A DISCREPANCY IS FOUND BETWEEN EXISTING FIELD CONDITIONS AND/OR BETWEEN ARCHITECTURAL, STRUCTURAL, PLUMBING, FIRE PROTECTION, HVAC, OR ELECTRICAL CONTRACT DOCUMENTS, NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO BIDDING, FABRICATION OR INSTALLATION.

DISCREPANCIES & CLARIFICATIONS

1. CONTRACTORS SHALL VERIFY ALL ELEVATIONS, DIMENSIONS AND EXISTING CONDITIONS PRIOR TO INITIATING CONSTRUCTION.
2. DO NOT SCALE DRAWINGS TO DETERMINE DIMENSIONS. IF A REQUIRED DIMENSION IS NOT INDICATED, CONTACT THE ARCHITECT FOR DETERMINATION.
3. DETAILS ARE GENERALLY TYPICAL AND ARE NOT TO BE CONSTRUED AS LIMITED TO THOSE AREAS SPECIFICALLY INDICATED. REVIEW ANY QUESTIONS OR CONFLICTING INFORMATION WITH THE ARCHITECT PRIOR TO INSTALLATION.
4. WHERE A DISCREPANCY IS FOUND BETWEEN EXISTING FIELD CONDITIONS AND/OR BETWEEN ARCHITECTURAL, STRUCTURAL, PLUMBING, FIRE PROTECTION, HVAC, OR ELECTRICAL CONTRACT DOCUMENTS, NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO BIDDING, FABRICATION OR INSTALLATION.

		TITLE	DRAWN BY:	JB	DRAWING NO.	REV.
		M.A.R.S HABITAT CONCEPT PROPOSAL				
		AGRICULTURE MODULE				
		COVER				
			SCALE:	As indicated		
			CHECKER:	BM		
			DATE:	03/24/25		
					S001	



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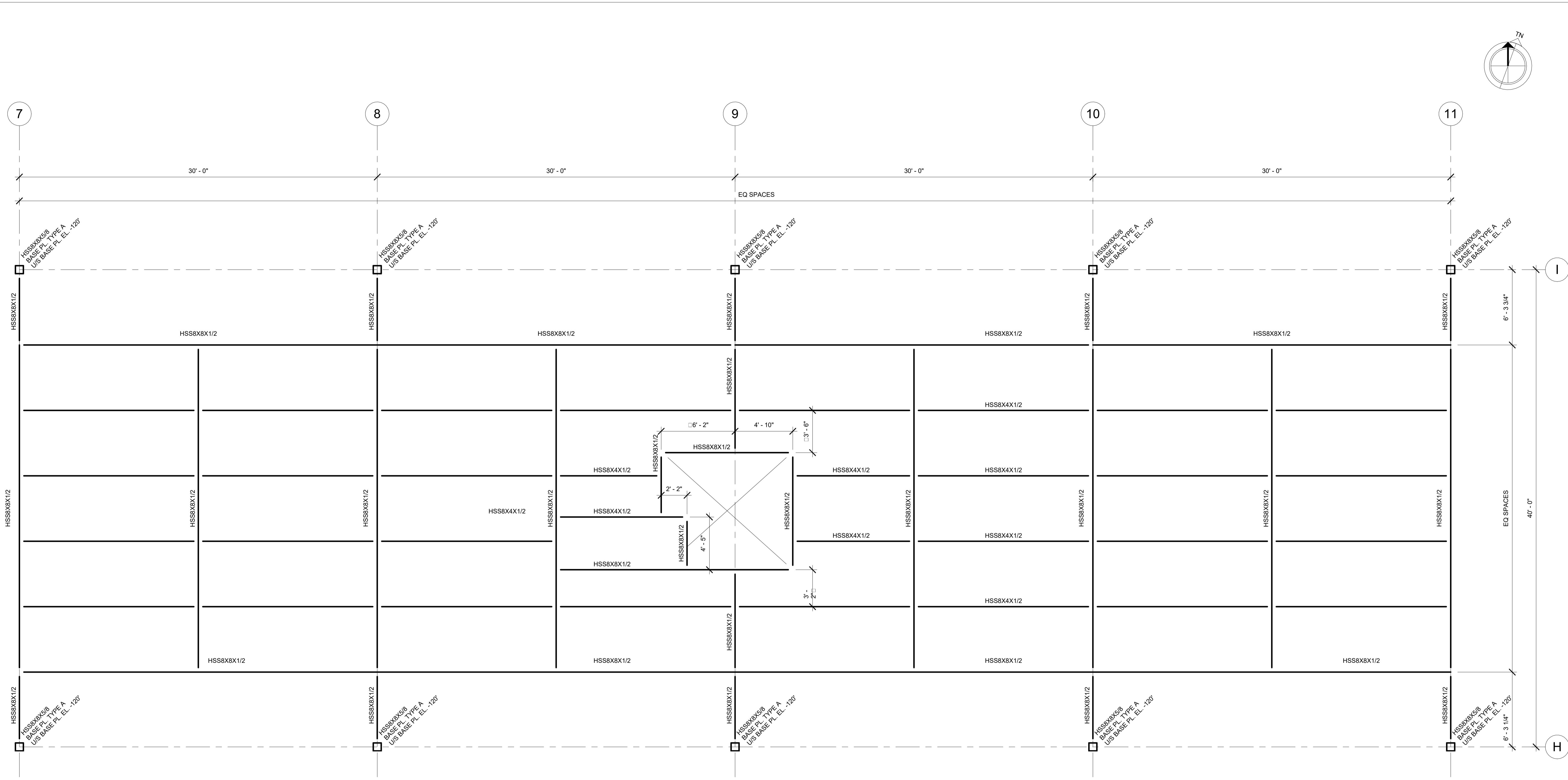
TLE

M.A.R.S HABITAT CONCEPT PROPOSAL

AGRICULTURE MODULE

FLOOR PLAN - LEVEL 1

DRAWN BY:	JB	DRAWING NO.	REV.
SCALE:	1/4" = 1'-0"	S101	
CHECKER:	BM		
DATE:	03/24/25		



LEVEL 2 FLOOR PLAN

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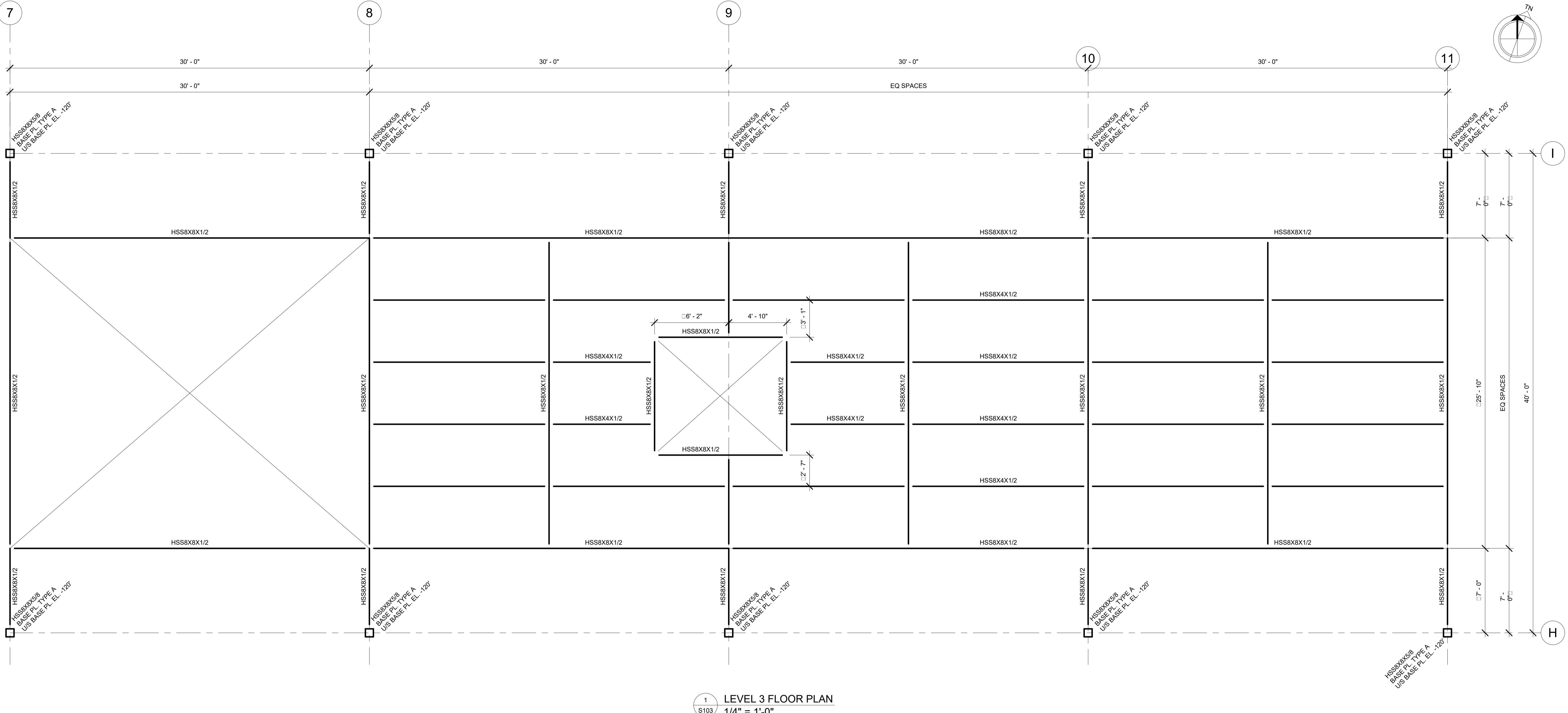
CAD & BIM TECHNOLOGIES

VANCOUVER, BC.



**M.A.R.S HABITAT CONCEPT PROPOSAL
AGRICULTURE MODULE
FLOOR PLAN - LEVEL 2**

DRAWN BY:	JB	DRAWING NO.	REV.
SCALE:	1/4" = 1'-0"	S102	
CHECKER:	BM		
DATE:	03/24/25		



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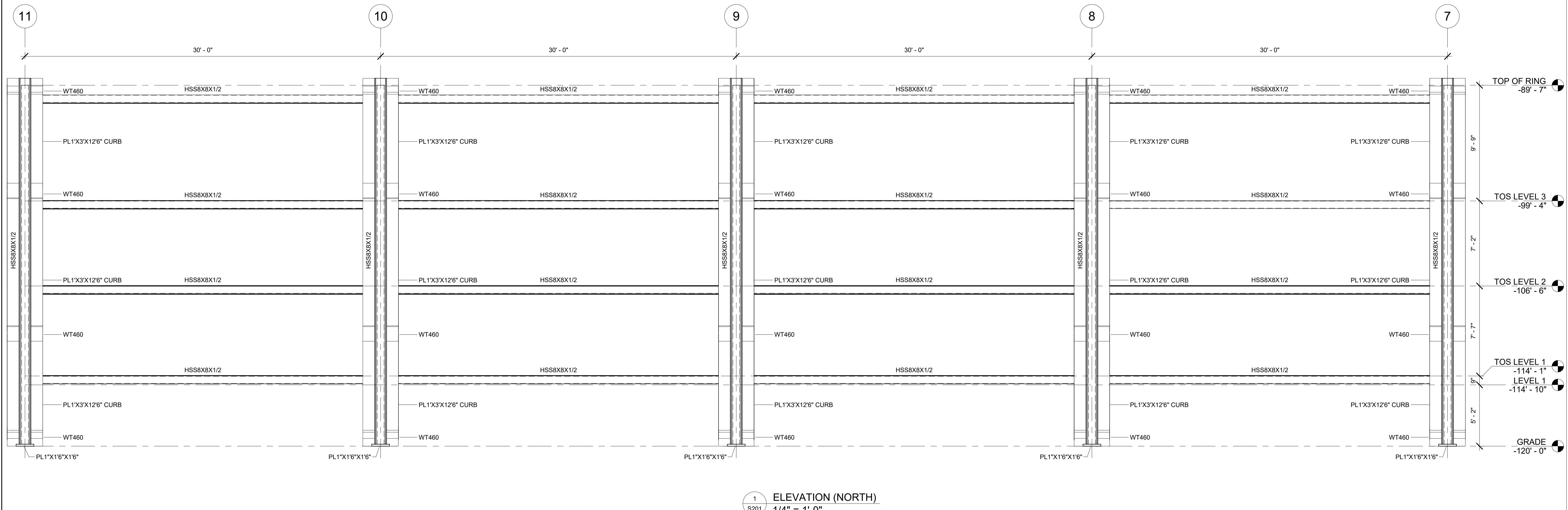
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M.A.R.S HABITAT CONCEPT PROPOSAL

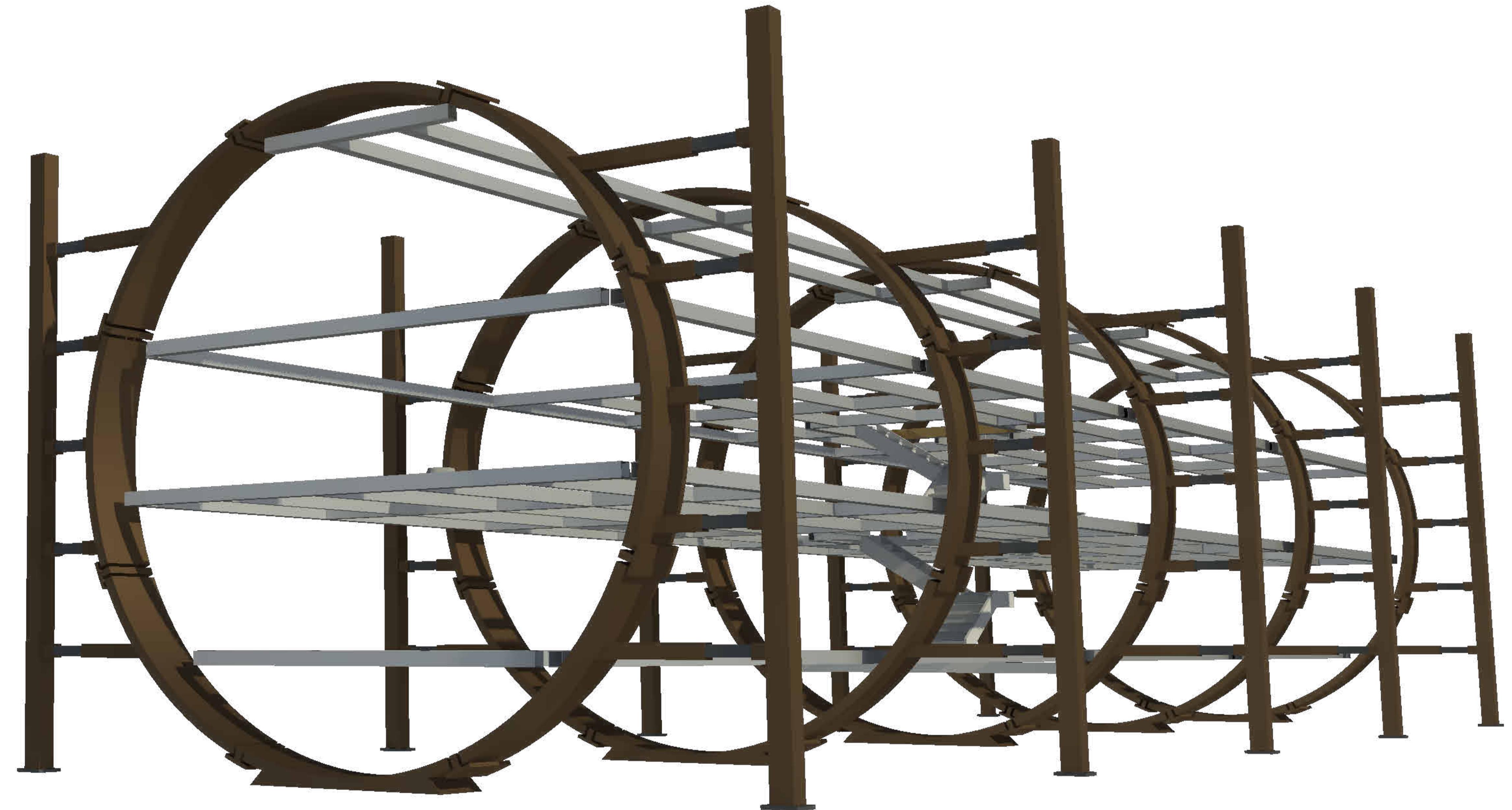
AGRICULTURE MODULE

FLOOR PLAN - LEVEL 3

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CHECKER:	BM		
DATE:	03/24/25		

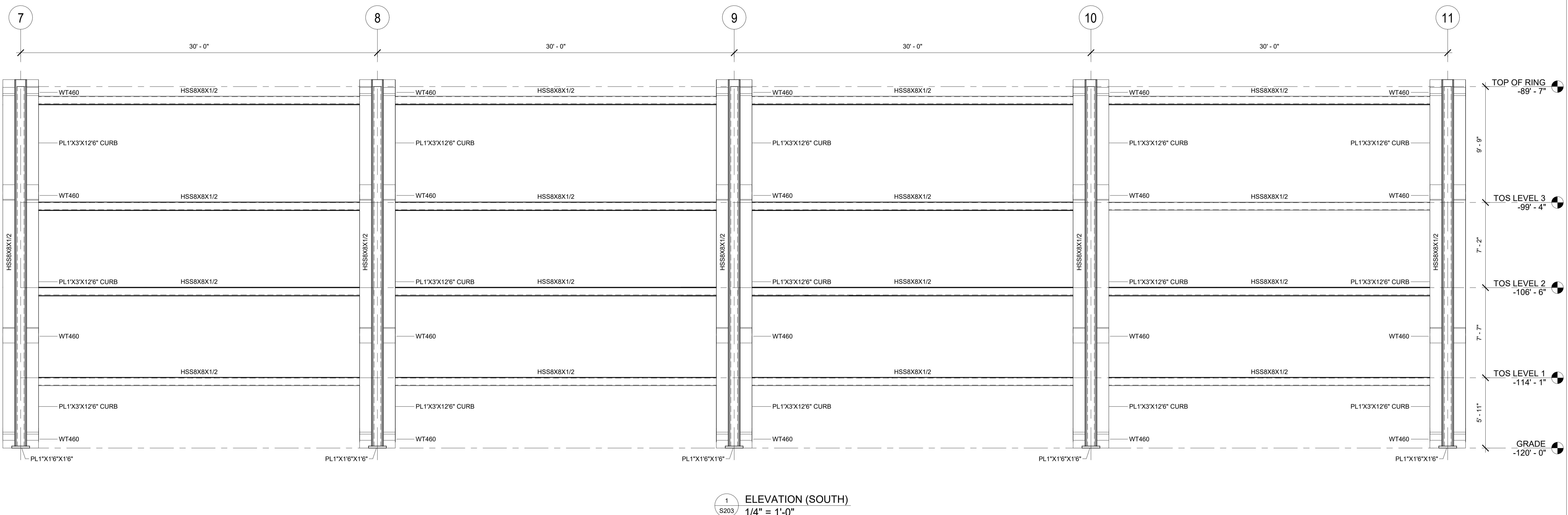


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NO.	DATE	REVISION	APP.					SCALE:	1/4" = 1'-0"		
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								DATE:	03/24/25		

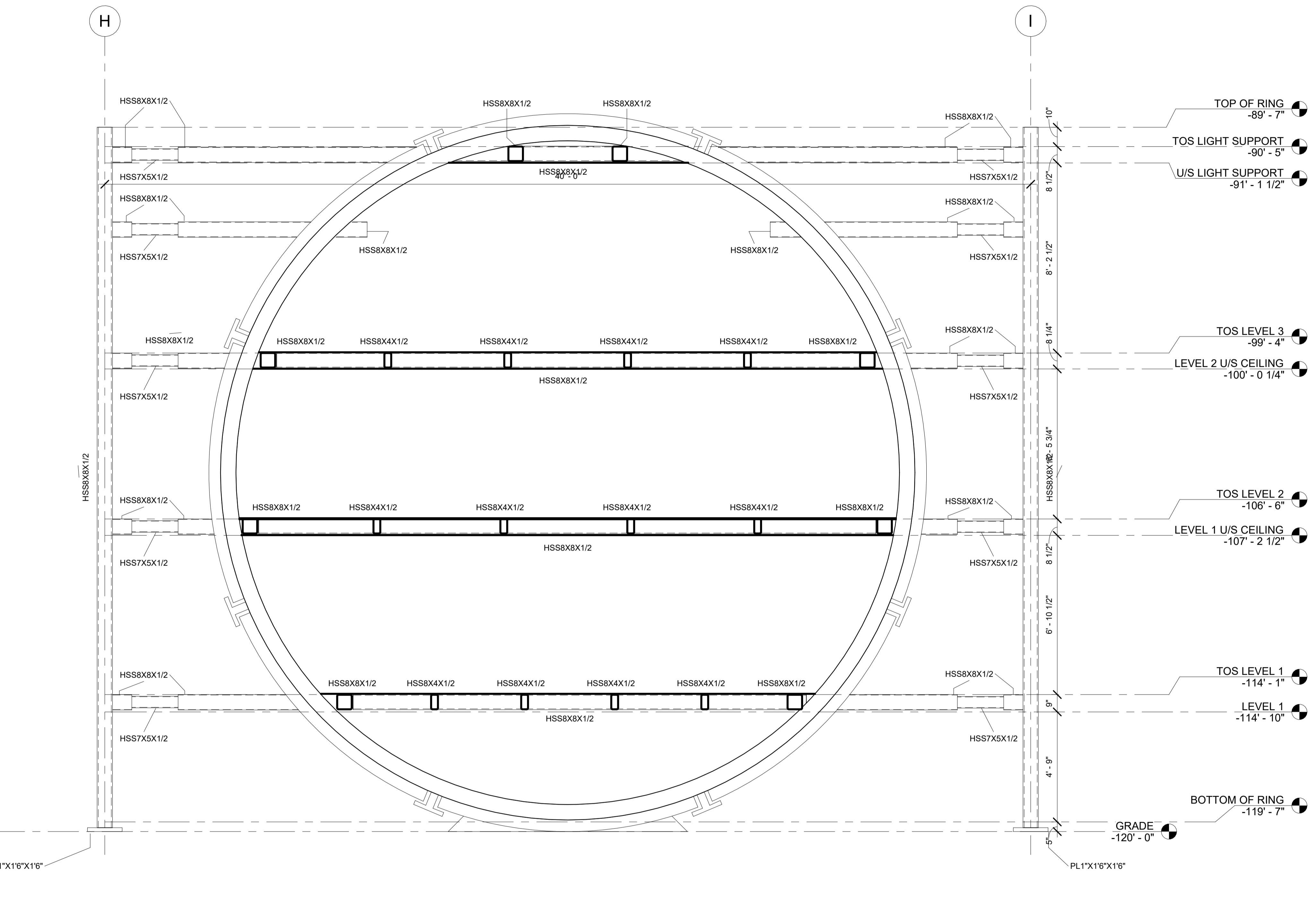


1
S002 3/16 " = 1' - 0"

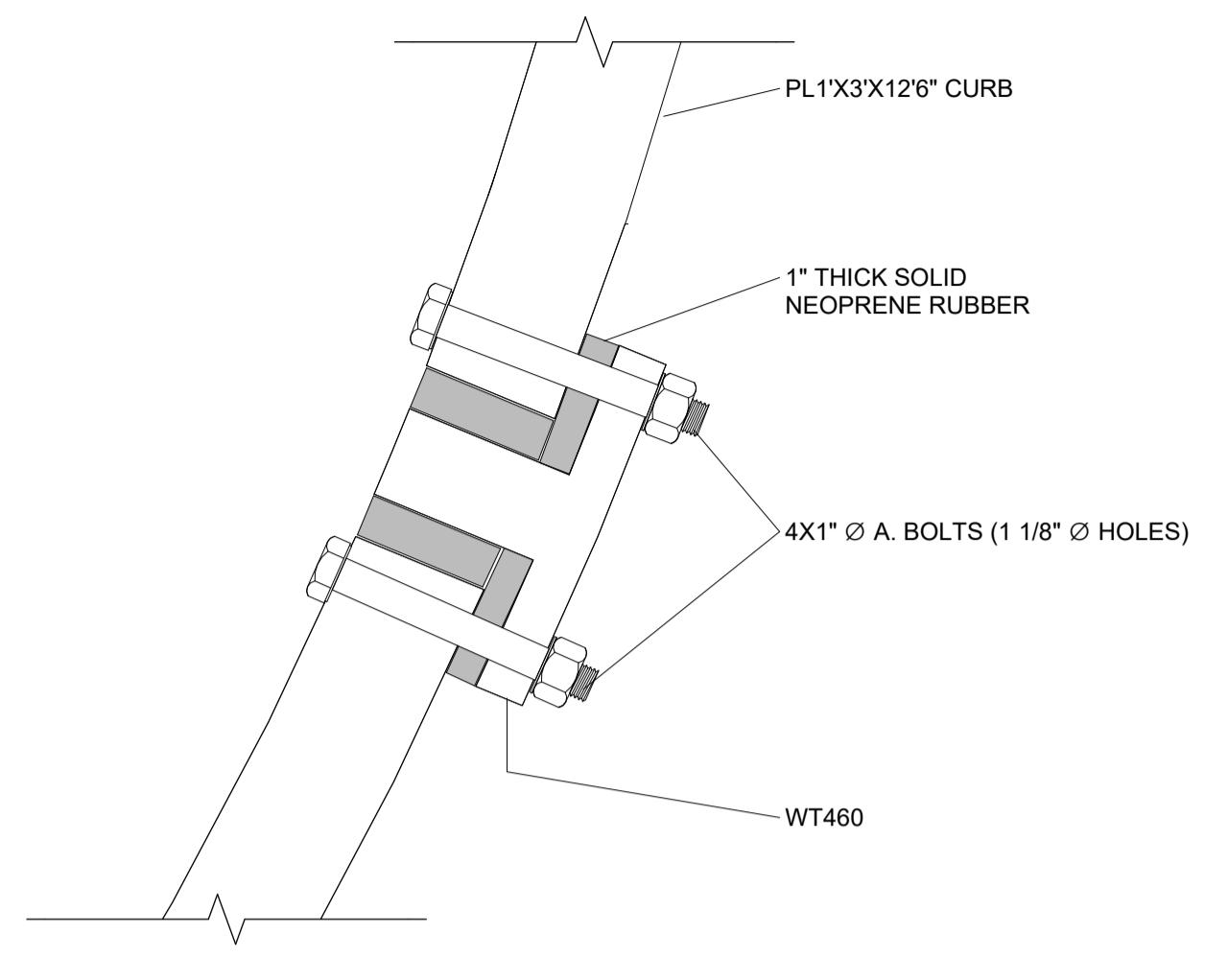
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NO.	DATE	REVISION	APP.			CHECKER:	BM					
						DATE:	03/24/25					



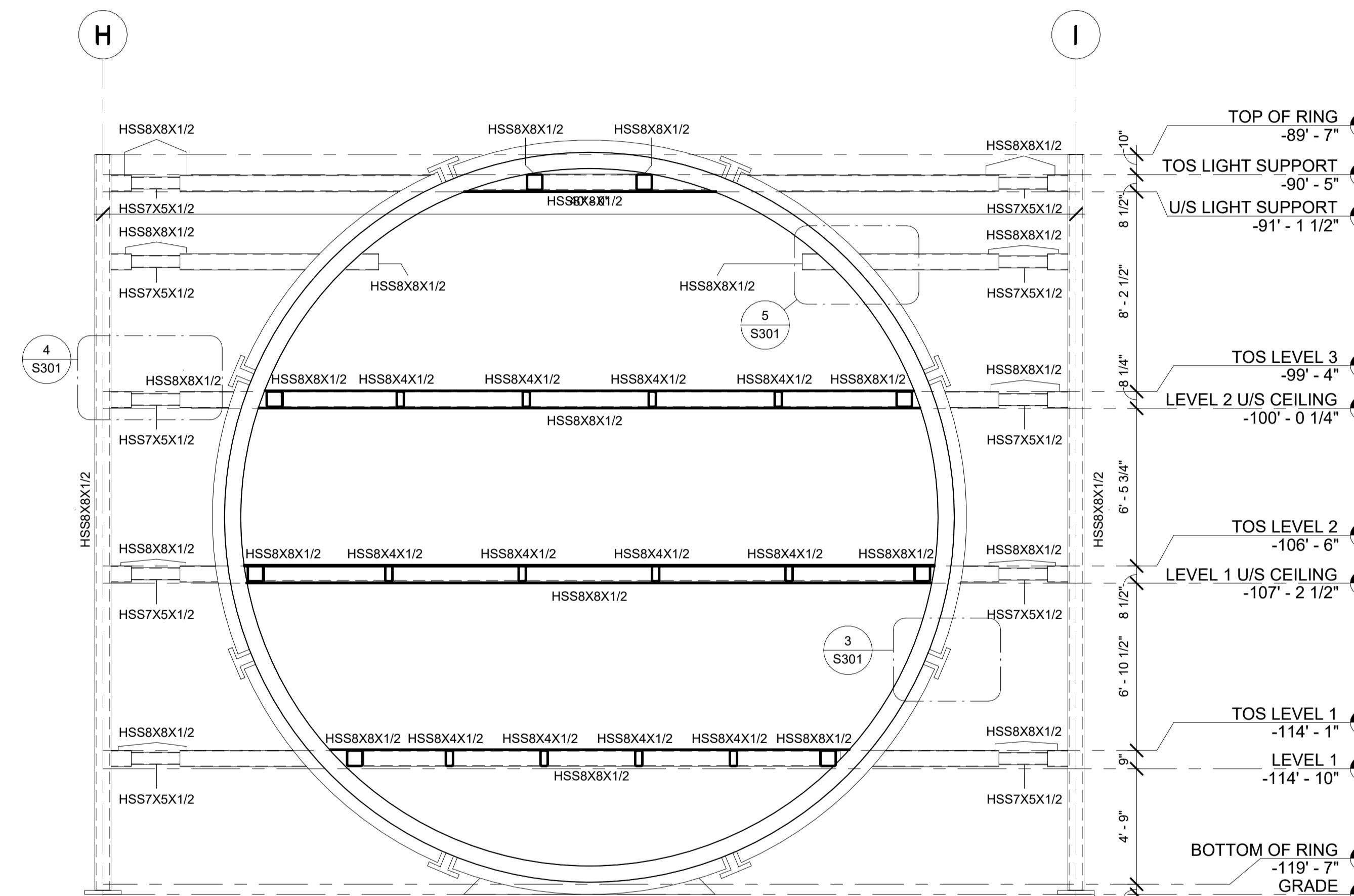
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NO.	DATE	REVISION	APP.	SCALE: 1/4" = 1'-0"	CHECKER: BM	DATE: 03/24/25		



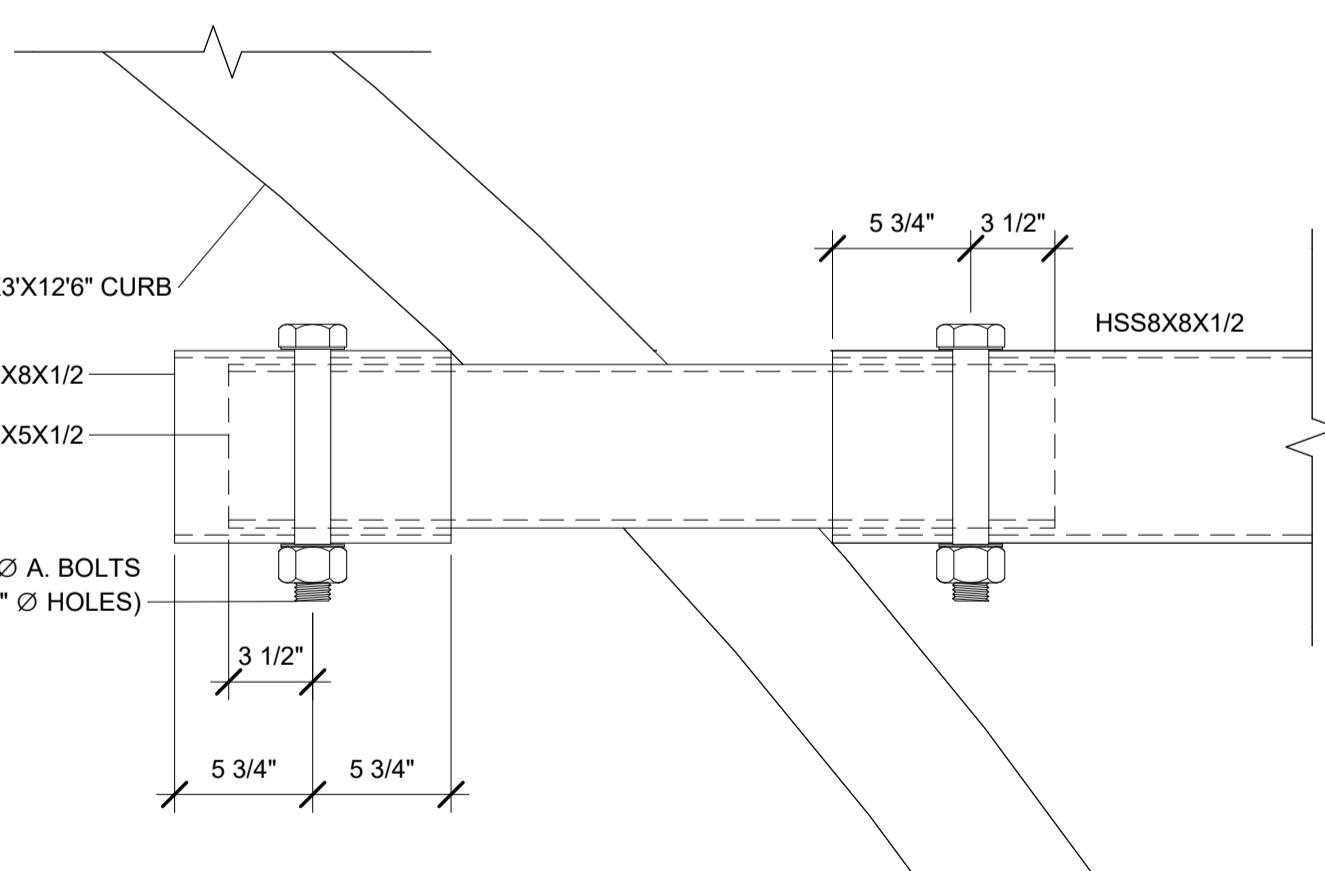
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NO.	DATE	REVISION	APP.				SCALE:	3/8" = 1'-0"		
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							DATE:	03/24/25		



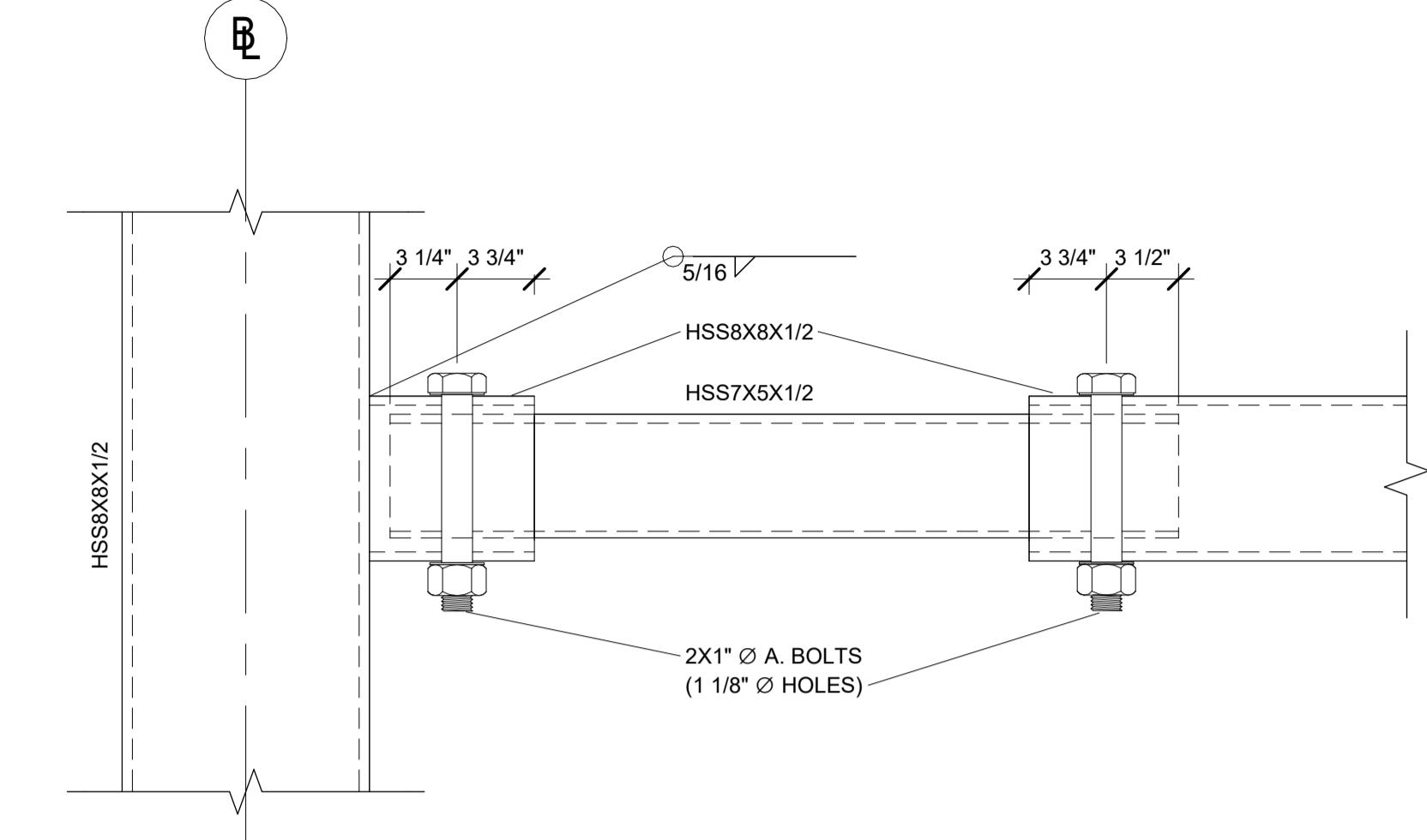
3 RING DETAIL
S301 1 1/2" = 1'-0"



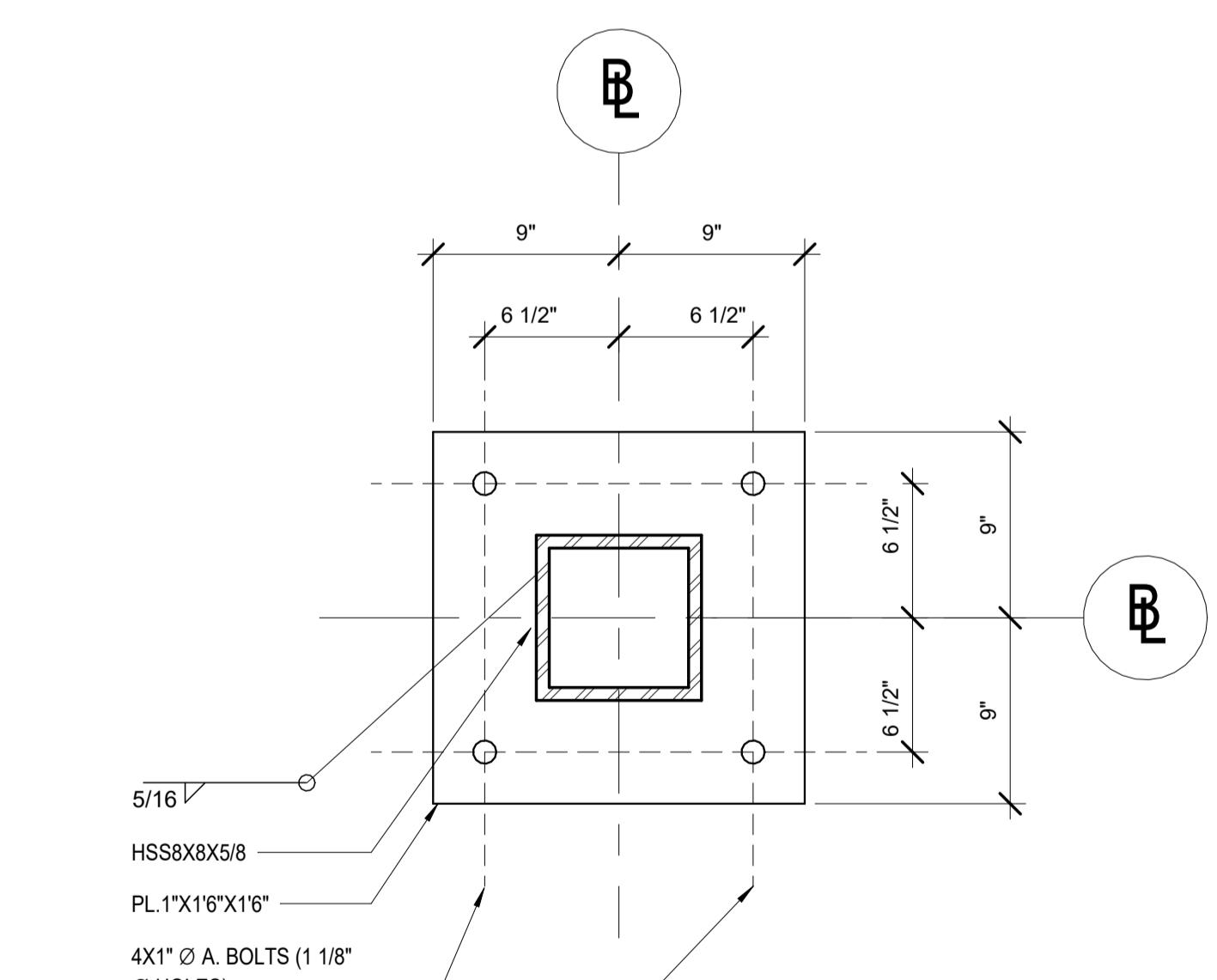
1 ELEVATION (WEST)
S301 1/4" = 1'-0"



5 ASSEMBLY 2
S301 1 1/2" = 1'-0"



4 ASSEMBLY 1
S301 1 1/2" = 1'-0"



2 BASE PL. TYPE A
S301 1 1/2" = 1'-0"

NO.	DATE	REVISION	APP.