

PROJECT:

# MERRITT FACILITY / POD 6

## GRAL - GROW ROOM TYPE 'A' LEFT

SITE LOCATION:

CLIENT:

### PROJECT TEAM

MANUFACTURER

MODUS STRUCTURES INC.

34 McCOOL CRESCENT  
CROSSFIELD AB.

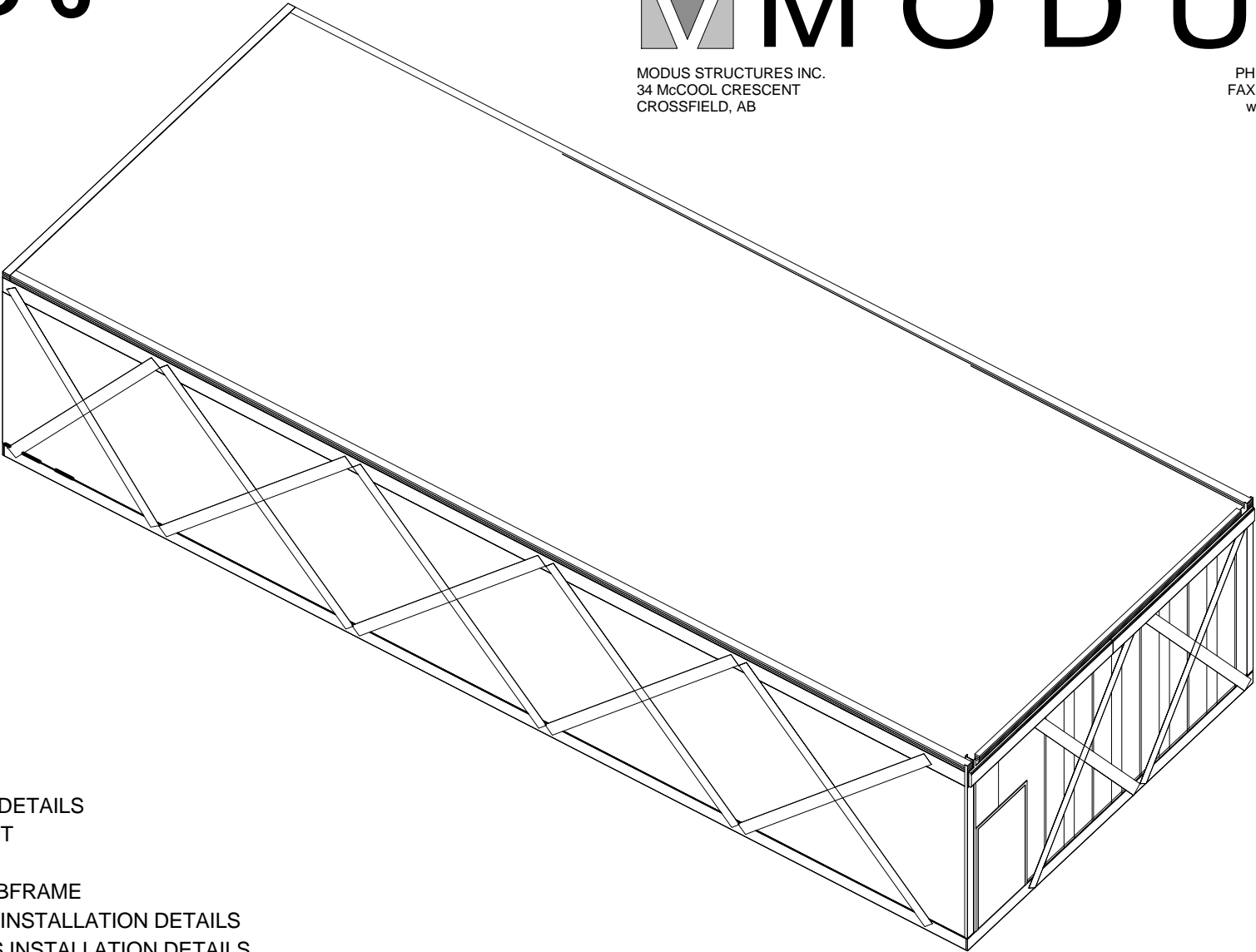
P.O. BOX 1558  
CROSSFIELD AB  
T0M 0S0

STRUCTURAL

MING XING, P. ENG  
CAMACS CONSULTING LTD.  
P.O. BOX 10432  
AIRDRIE AB

### LIST OF DRAWINGS

S-0.00	TITLE SHEET	S-4.40	DOOR / CLADDING DETAILS
S-0.10	GENERAL NOTES	S-4.50	STRAPPING LAYOUT
S-0.15	WALL, FLOOR & ROOF ASSEMBLIES	S-4.90	LIFTING POINTS
S-2.00	1/2 PORTION GROW ROOM AND CORRIDOR PLAN	S-4.95	FLOOR - STEEL SUBFRAME
S-2.10	FLOOR PLAN	S-5.02	FLOOR RIMBOARD INSTALLATION DETAILS
S-2.15	WALL SIP PANEL LAYOUT	S-5.03	FLOOR SIP PANELS INSTALLATION DETAILS
S-2.16	WALL INSTALLATION DETAILS	S-5.10	FLOOR SIP PANELS LAYOUT
S-2.25	WALL TRACK LAYOUT	S-5.50	FLOOR SHEATHING LAYOUT
S-2.30	SECTIONS	S-6.20	ROOF - PARAPETS
S-3.00	FRONT ELEVATION	S-6.30	ROOF - SIP PANELS LAYOUT
S-3.10	FRONT STRAPPING ELEVATION	S-6.50	ROOF - SLOPED EPS
S-3.20	LEFT AND RIGHT WALLS STRAPPING	S-6.60	ROOF PLAN
S-3.50	CONNECTION DETAILS	S-7.20	WALL STRAPPING DETAILS
S-3.60	CONNECTION DETAILS	S-8.10	ROOF - INSTALLATION DETAILS
S-3.65	DETAILS	Grand total: 32	
S-3.70	ROOF STRAPPING DETAIL		
S-3.90	Z-GIRT LAYOUT		
S-4.00	CLADDING ELEVATION		



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MODUS STRUCTURES INC. PH. (403) 946-2508  
34 McCOOL CRESCENT FAX. (403) 946-3852  
CROSSFIELD, AB www.modusinc.ca

DRAWN BY	SR
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REV	A
SCALE	1 1/2" = 1'-0"
DATE	June 10th , 2019

CLIENT
PROJECT DESCRIPTION
MERRITT FACILITY PHASE 1 POD 6
ISSUED FOR REVIEW

DWG TITLE
TITLE SHEET
MODULE TYPE
24' X 60' GROW ROOM MODULE
MODULE TYPE ID
GRAL

A	ISSUED FOR REVISION	SR	10/06/19		
No	REVISION DESCRIPTION	BY	DATE		

PROJECT NO.
PR-0640
DWG NO.
S-0.00-GRAL

GENERAL NOTES

1. THIS BUILDING IS BASED ON THE ALBERTA BUILDING CODE (2014) PART 3 & PART 4.
2. ERECTION TOLERANCES SHALL FOLLOW CAN/CSA-S16, CLAUSE 29.7 IF APPLICABLE.
3. STRUCTURAL BOLTS SHALL BE TIGHTENED BY 'TURN OF THE NUT/METHOD IN ACCORDANCE WITH CAN/CSA-S16 UNLESS NOTED OTHERWISE.
4. NO FIELD WELDING IS PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
5. ALL WELDING SHALL BE IN ACCORDANCE WITH THE CANADIAN WELDING BUREAU 'CERTIFIED WELDING PROCEDURES' AND CSA W59.
6. INSTALLATION OF ADEQUATE TEMPORARY SUPPORTS AND BRACING DURING CONSTRUCTION OF THE BUILDING SHALL BE THE SOLE RESPONSIBILITY OF THE ERECTOR/BUILDER.
7. THE ERECTOR/BUILDER IS RESPONSIBLE FOR THE INSTALLATION OF ALL THE MODUS BUILDING COMPONENTS IN ACCORDANCE WITH THE MODUS BUILDING SPECIFICATION AND ERECTION DRAWINGS.
8. ALL STRUCTURAL ITEMS MUST BE DESIGNED AND INSPECTED BY A PROFESSIONAL ENGINEER

DESIGN LOADS

LOCATION : Olds, Alberta	GROW ROOM: 4.8 kPa FLOOR LIVE LOAD
Ss = 1.6 kPa (1/50) Ground Snow Load	ROOF HVAC/ELECT. : 0.25 kPa
Sr = 0.1 kPa (1/50) Rain Load	ROOF DESIGN SNOW LOAD: 1.4 kPa (SPECIFIED)
Roof Design Snow Load = 1.4 kPa	
One Day Rain (1/50) = 95mm	
Wind Load = 0.41 kPa (1/50)	
Wind Load = 0.32 kPa (1/10)	
Seismic: Sa(0.2) = 0.14	
Seismic: Sa(0.5) = 0.08	
Seismic: Sa(1.0) = 0.04	
Seismic: Sa(2.0) = 0.02	
PGA = 0.08	
Site Soil Class "D"	

BUILDING DATA

OCCUPANCY	GROUP F2 MEDIUM HAZARD INDUSTRIAL ( PART 3 )
CONSTRUCTION	COMBUSTIBLE
EXTERIOR WALLS	1 HR FRR
FLOOR ASSEMBLY	UN - RATED
ROOF ASSEMBLY	UN - RATED

CONTROLLING DOCUMENTS

- ALBERTA BUILDING CODE 2014
- CANADIAN ELECTRICAL CODE (CEC) 23RD EDITION 2015
- NATIONAL PLUMBING CODE 2015
- CAN/CSA B149.1-15 NATURAL GAS AND PROPANE CODE
- NATIONAL FIRE CODE 2010
- NATIONAL ENERGY BUILDING CODE (NECB) 2011
- CANADIAN SAFETY ASSOCIATION CSA A277

OTHER CONTROLLING DOCUMENTS

MODUS MODULAR FABRICATION CERTIFIED UNDER	CSA 227 LISTING NO. REC623-2
CANADIAN SHEET STEEL BUILDING INSTITUTE	CSSBI 58 & CSSBI 57
CANADIAN INSTITUTE OF STEEL CONSTRUCTION	CISC CSA S16

OCCUPANCY COMFORT:  
DESIGNED TO COMPLY WITH MIN. VENTILATION STANDARD ANSI / ASHRAE STANDARDS  
( ASHRAE 62.1 VENTILATION FOR ACCEPTABLE 'IAQ' )

OUTSIDE DESIGN TEMPERATURE

INT. DESIGN TEMP:	22° C
MIN EXT. DESIGN TEMP:	-32° (2.5%) C
MAX EXT. DESIGN TEMP:	28° C (DRY)
TEMP. DIFFERENTIAL ( HEATING )	63° C
TEMP. DIFFERENTIAL ( COOLING )	9° C

MATERIAL SPECIFICATIONS

STEEL DESIGNED TO	CAN/CSA-S16-09
WIDE FLANGE & HSS (CLASS C)	CSA G40.21 350W
STRUCTURAL CHANNEL, ANGLES, PLATES & ROD	CSA G40.21 300W
SHEET METAL CHANNEL, ANGLE, FLAT BAR	ASTM A653 SS GR33 U.N.O.

FASTENERS:

SIP FASTENER	SIPLD AND SIPHD
SELF DRILLING SCREW	'GRABBER' #10 X 3/4" SELF DRILLING
NAILING	COMMON RING NAIL 3" LONG U.N.O.
CARRIAGE BOLTS	GRADE 5 CARRIAGE BOLT
STRUCTURAL BOLTS	3/4" Ø A325 BOLT ASSEMBLIES
LAG SCREW	A151 1006-1022 OR EQUIVALENT STEEL

WOOD DESIGN TO	CAN/CSA-086
WOOD JOISTS	11 7/8" Ni80 ROOF JOIST OR EQUIVALENT
9 1/2" Ni40x FLOOR JOIST OR EQUIVALENT	
RIM BOARD	ENGINEERED WOOD RIM BOARD
PLYWOOD	SOFTWOOD PLYWOOD OR BETTER

STRUCTURAL INSULATED PANELS(SIP) QAI LABORATORIES LISTING NO B1038 JUNE16, 2011

ABBREVIATION LEGEND

REF.	REFERENCE
TYP.	TYPICAL
R.S.O.A.	ROUGH SIZED OPENING
T.B.D.	TO BE DETERMINED
T.O.F	TOP OF FLOOR
U.N.D.	UNLESS NOTED OTHERWISE

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ISSUED FOR REVIEW

DWG TITLE	
GENERAL NOTES	
MODULE TYPE	MODULE TYPE ID
24' X 60' GROW ROOM MODULE	GRAL

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PROJECT NO.
PR-0640
DWG NO.
S-0.10-GRAL

WP01

EXTERIOR WALL W/ CHANNEL (WP01)

- 1 1/4" PRE-FINISHED METAL CLADDING
- 7/8" 20 Ga. FURRING BAR @ 24" O/C TYP.
- 6" MODUS STRUCTURAL INSULATED PANEL
  - 26 Ga. PRE-FINISHED STEEL SHEET
  - 6" EXPANDED POLYSTYRENE TYPE '1'
  - 8" x 3" Ga. STEEL CHASE
  - 26 Ga. PRE-FINISHED STEEL SHEET
- HYGIENIC WALL COATING

WP02

INTERIOR WALL W/ STRUCTURAL HSS (WP02)

- 6" MODUS STRUCTURAL INSULATED PANEL
  - 26 Ga. PRE-FINISHED STEEL SHEET
  - 6" EXPANDED POLYSTYRENE TYPE '1'
  - 2 1/2" X 2 1/2" X 1/8" STRUCTURAL HSS COLUMNS @ EDGES
  - 26 Ga. PRE-FINISHED STEEL SHEET
- HYGIENIC WALL COATING

FP01

FLOOR PANEL (FP01)

- EPOXY COATING
- 3/4" PVC SUBFLOOR SHEATHING.
- 9-1/2" MODUS STRUCTURAL INSULATED PANEL
  - 26 Ga. PRE-FINISHED STEEL SHEET
  - 9-1/2" EXPANDED POLYSTYRENE TYPE '1'
  - 9-1/2" NI-40 I-JOIST FLOOR FRAMING @ 16" O.C. U.N.O.
  - 26 Ga. PRE-FINISHED STEEL SHEET
- STEEL SUBFRAME

RP01

ROOF PANEL (RP01)

- VYNIL ROOF MEMBRANE
- 1/4" DENSDECK PROTECTION BOARD
- TAPERED EPS
- 7/16" OSB SHEATHING
- 11-7/8" MODUS STRUCTURAL INSULATED PANEL
  - 26 Ga. PRE-FINISHED STEEL SHEET
  - 11 7/8" EXPANDED POLYSTYRENE TYPE '1'
  - 11 7/8" NI-80 I-JOIST ROOF FRAMING @ 16" O.C. U.N.O.
  - 26 Ga. PRE-FINISHED STEEL SHEET
- HYGIENIC WALL COATING

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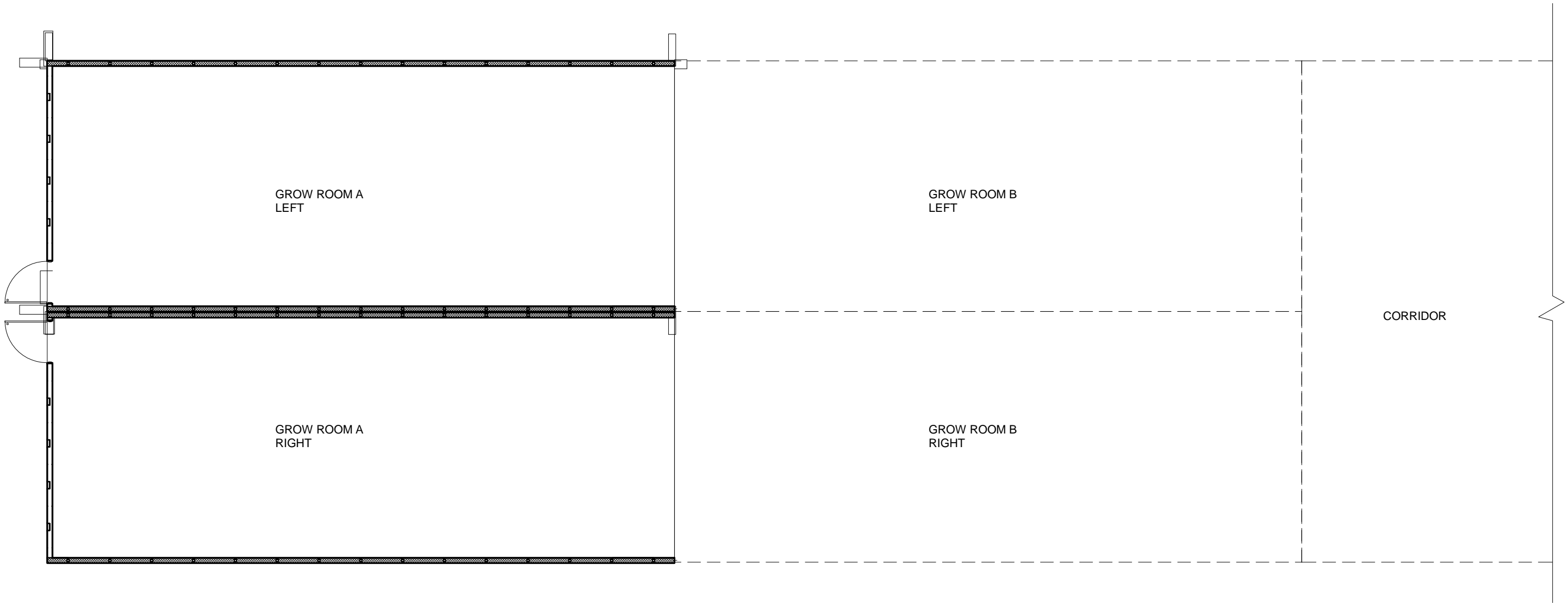
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DWG TITLE	
WALL, FLOOR & ROOF ASSEMBLIES	
MODULE TYPE	MODULE TYPE ID
24' X 60' GROW ROOM MODULE	GRAL

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PR-0640
DWG NO.
S-0.15-GRAL



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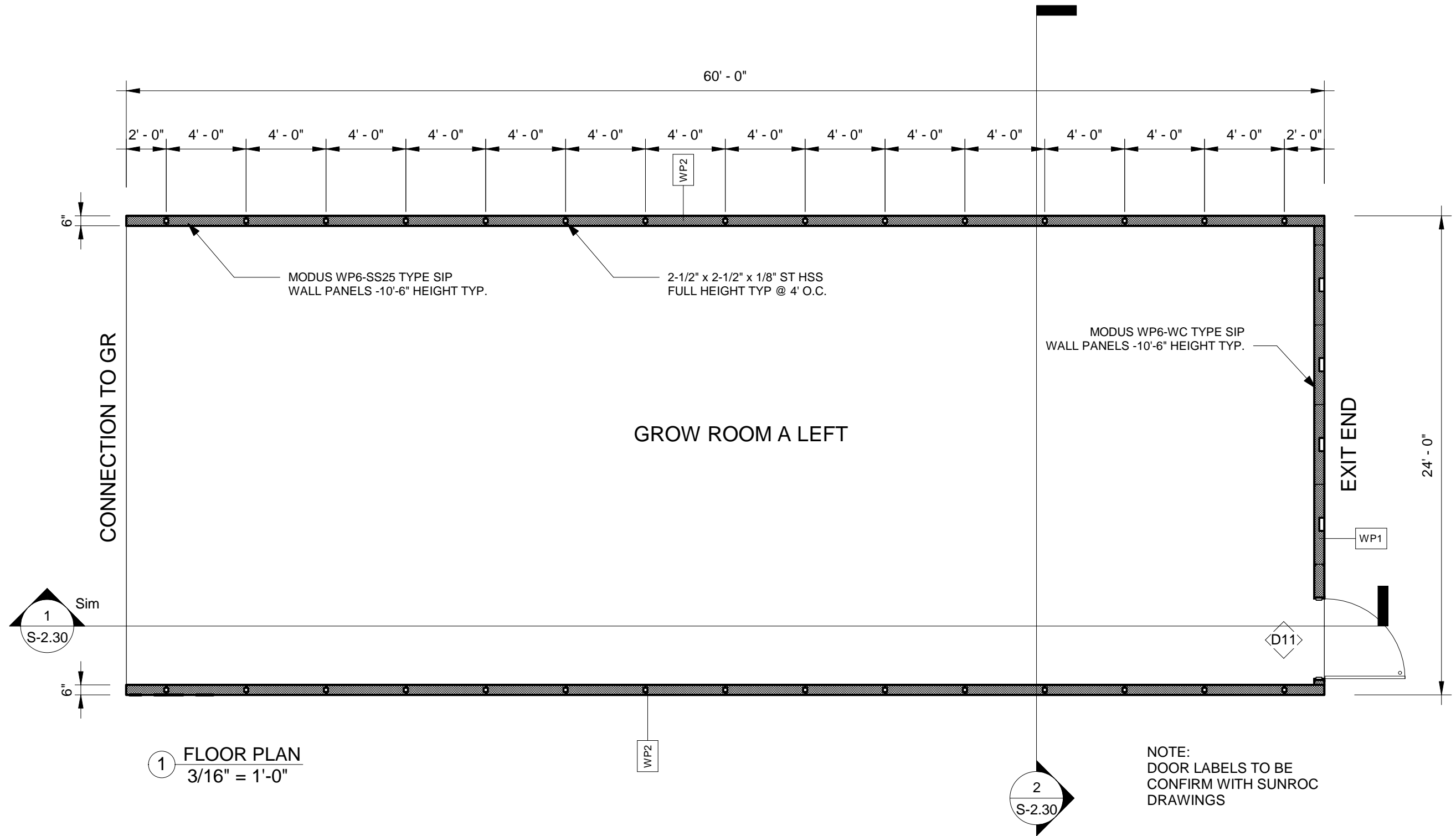
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PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6
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DWG TITLE	
1/2 PORTION GROW ROOM AND CORRIDOR PLAN	
MODULE TYPE	MODULE TYPE ID
24' X 60' GROW ROOM MODULE	GRAL

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PROJECT NO.
PR-0640
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S-2.00-GRAL




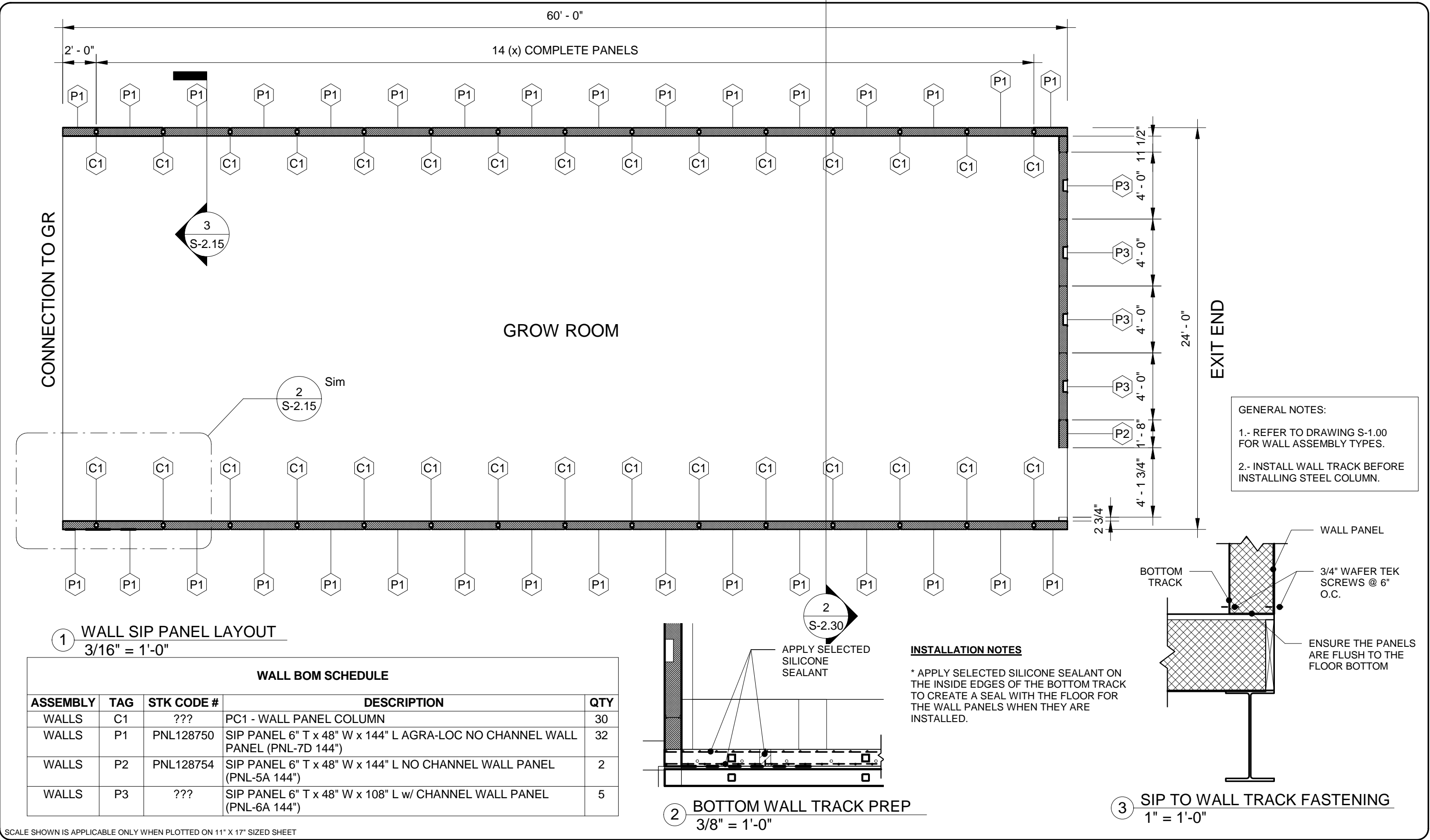
1 FLOOR PLAN  
3/16" = 1'-0"

NOTE:  
DOOR LABELS TO BE  
CONFIRM WITH SUNROC  
DRAWINGS

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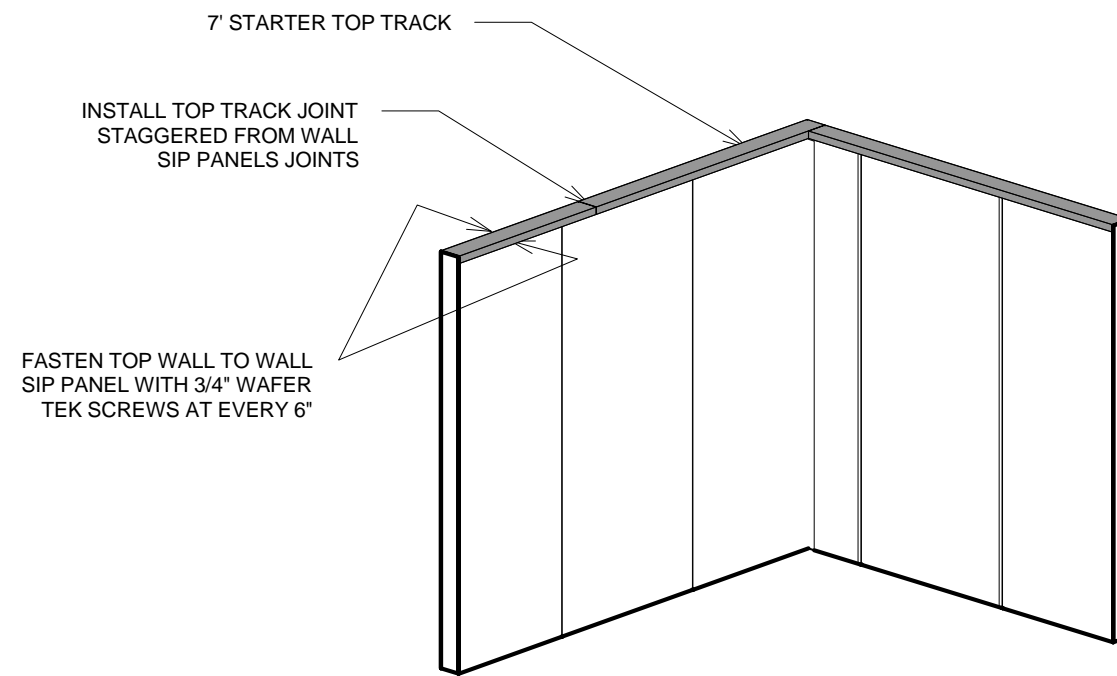
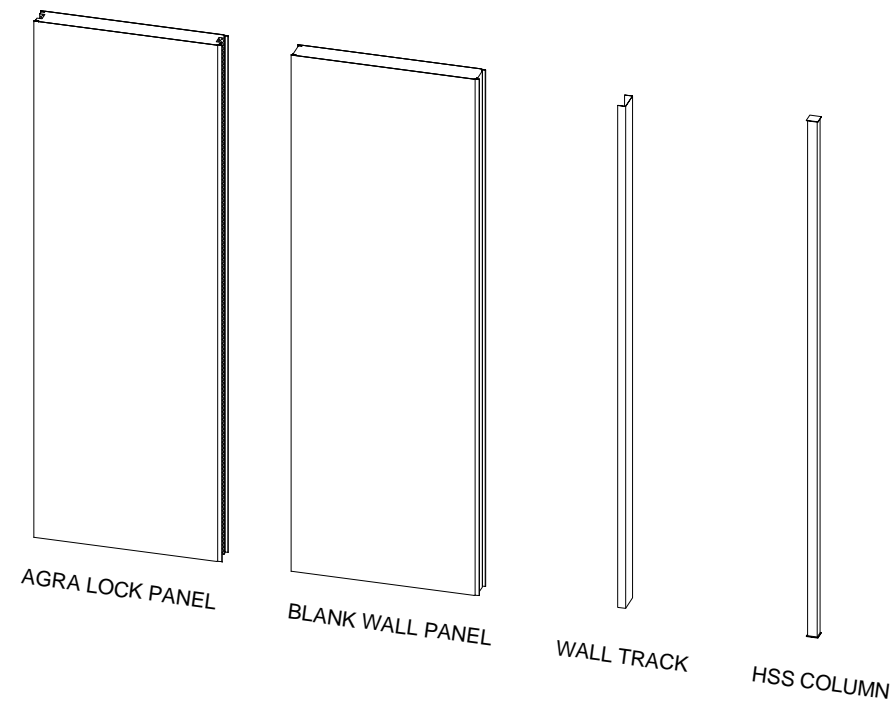
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	CHECKED BY		Checker	PROJECT DESCRIPTION												FLOOR PLAN						
	MERRITT FACILITY PHASE 1 POD 6		ISSUED FOR REVIEW		24' X 60' GROW ROOM MODULE		MODULE TYPE ID		GRAL					DWG NO.								
	REV	A														SCALE	3/16" = 1'-0"					
	DATE															June 10th , 2019						
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	No															REVISION DESCRIPTION		BY		DATE		
S-2.10-GRAL																						



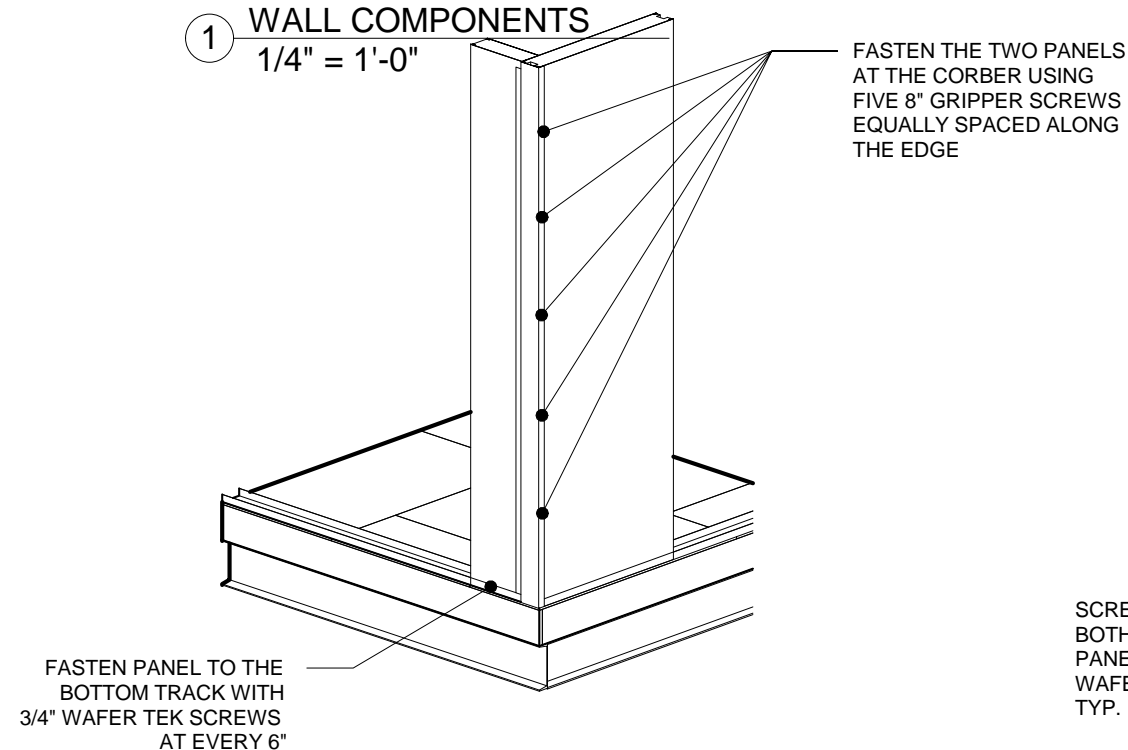
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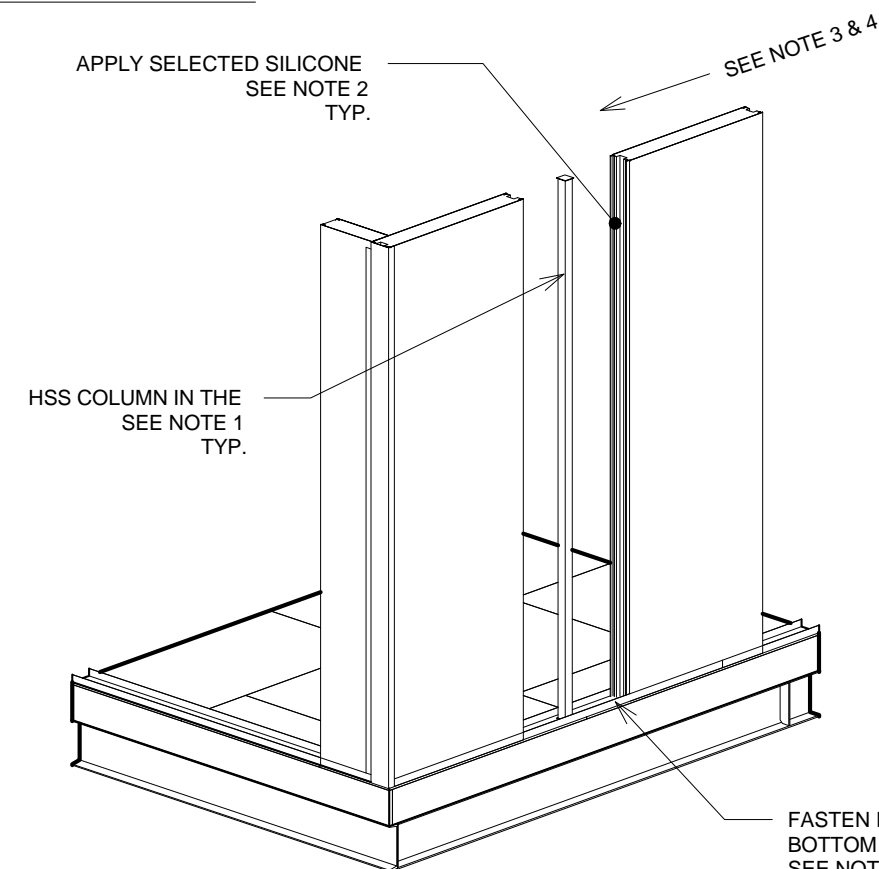
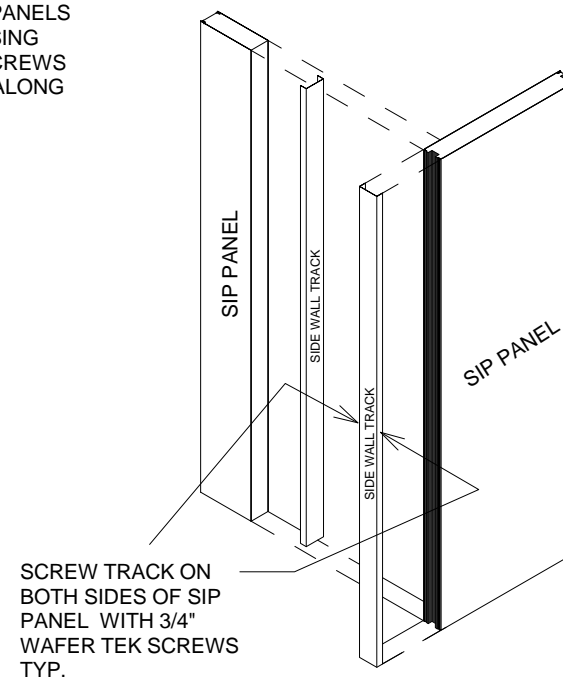
<div><div><div></div><div>MODUS</div></div><div>MODUS STRUCTURES INC. 34 McCOOL CRESCENT CROSSFIELD, AB</div><div>PH. (403) 946-2508 FAX. (403) 946-3852 www.modusinc.ca</div></div>	DRAWN BY		Author	CLIENT		DWG TITLE  WALL SIP PANEL LAYOUT								PROJECT NO.  PR-0640	
	CHECKED BY		Checker	PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6											
	REV	A	SCALE As indicated		ISSUED FOR REVIEW		MODULE TYPE  24' X 60' GROW ROOM MODULE		MODULE TYPE ID  GRAL						
	DATE		June 10th , 2019												



1 WALL COMPONENTS  
1/4" = 1'-0"



3 TOP WALL TRACK DETAIL  
1/4" = 1'-0"



- INSTALLATION NOTES:
- 1.- INSTALL A STEEL HSS COLUMN IN THE AGRA LOCK PART OF THE WALL
  - 2.- APPLY SELECTED SILICONE SEALANT ON ALL FEMALE EDGES OF THE PANEL.
  - 3.- WHEN ERECTING THE PANELS PUSH THE TOP OF THE PANELS TIGHT AND FASTEN WITH THE ONE SCREW ON THE INSIDE AND OUTSIDE WALL SEAM ABOUT 1" DOWN FROM THE TOP.
  - 4.- PUSH THE BOTTOM OF THE PANEL, ENSURING IT IS TIGHT.
  - 5.- FASTEN THE BOTTOM OF THE OF THE PANEL TO THE TRACK WITH 3/4" WAFER TEK SCREWS AT EVERY 6" ON THE OUTSIDE EDGE.
  - 6.- CONTINUE THIS PROCESS UNTIL THE WALL IS COMPLETED EXCEPT FOR THE LAST PANEL.

4 SIDE WALL TRACK DETAIL  
1/4" = 1'-0"

2 WALL CORNER DETAIL  
1/4" = 1'-0"

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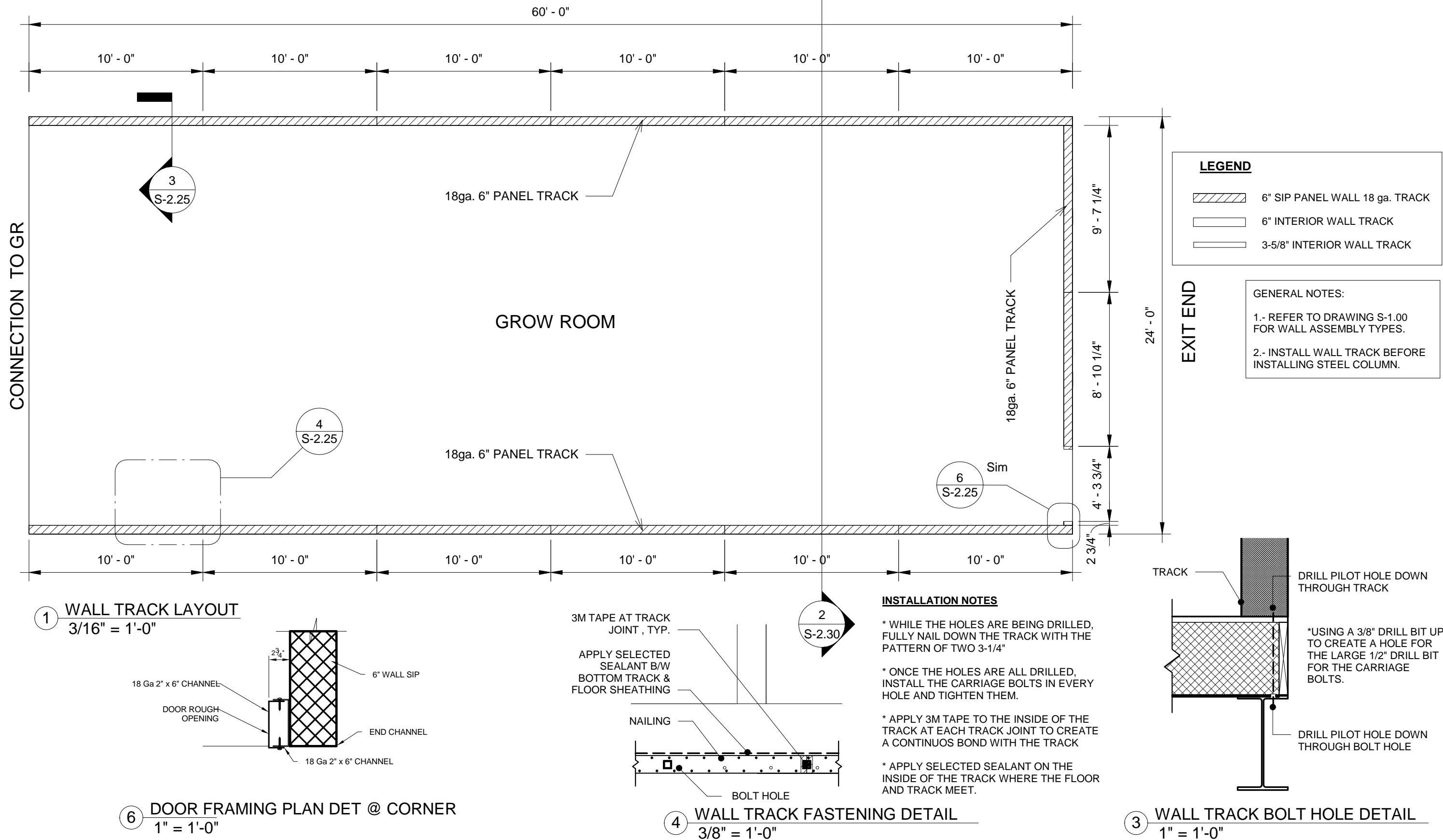
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SCALE	1/4" = 1'-0"
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CLIENT	MERRITT FACILITY PHASE 1 POD 6
ISSUED FOR REVIEW	

DWG TITLE	WALL INSTALLATION DETAILS
MODULE TYPE	24' X 60' GROW ROOM MODULE
MODULE TYPE ID	GRAL

A	ISSUED FOR REVISION	SR	10/06/19
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PROJECT NO.	PR-0640
DWG NO.	S-2.16-GRAL

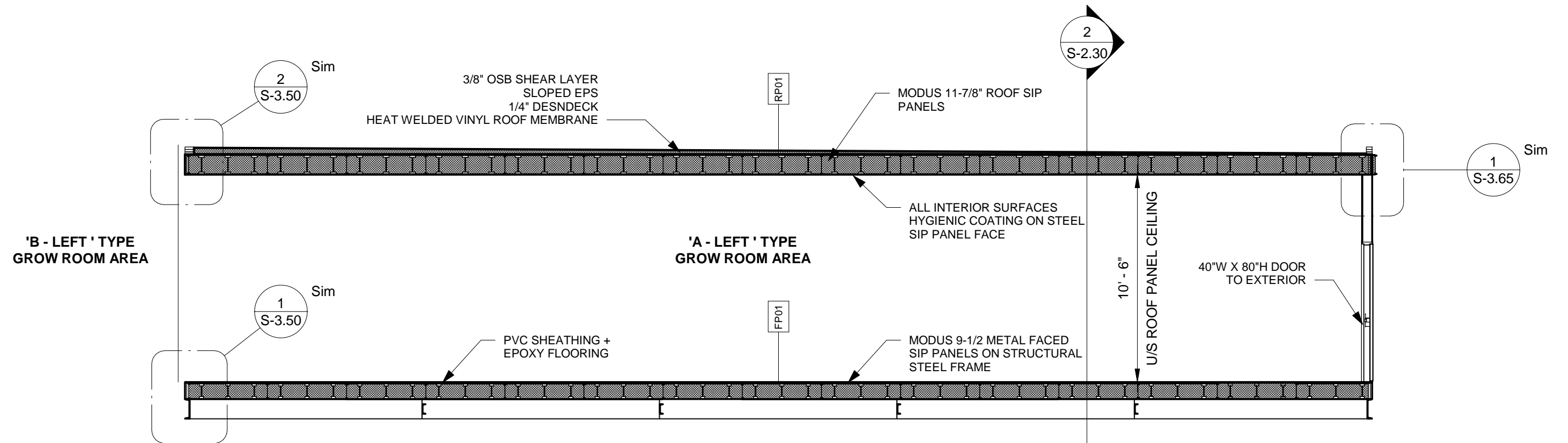


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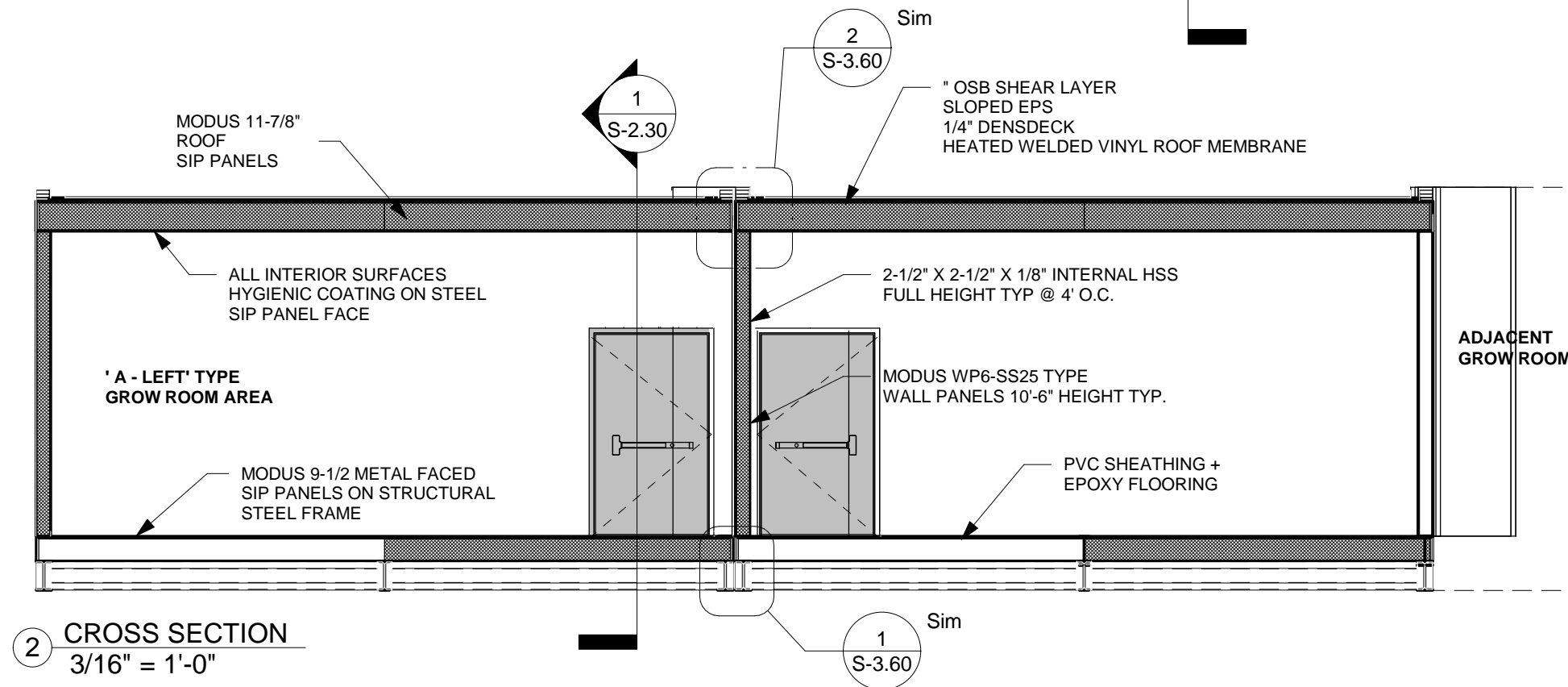
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	REV	A	SCALE	ISSUED FOR REVIEW		MODULE TYPE		MODULE TYPE ID					DWG NO.				
			As indicated													MERRITT FACILITY PHASE 1 POD 6	
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1 LONG SECTION  
3/16" = 1'-0"



2 CROSS SECTION  
3/16" = 1'-0"

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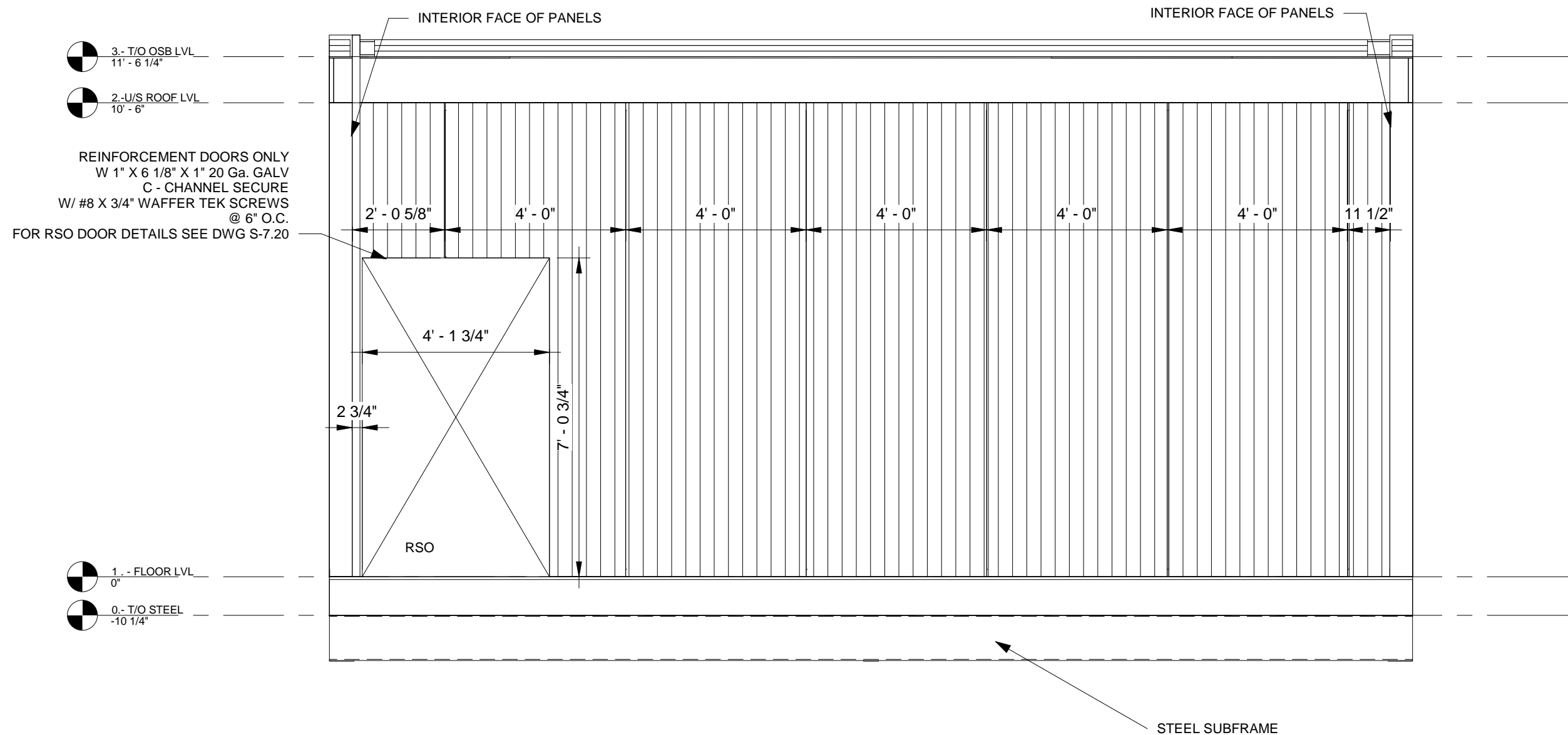
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REV A SCALE 3/16" = 1'-0"  
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SECTIONS  
MODULE TYPE  
24' X 60' GROW ROOM MODULE  
MODULE TYPE ID  
GRAL

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DWG NO.  
**S-2.30-GRAL**



1 FRONT ELEVATION  
3/8" = 1'-0"

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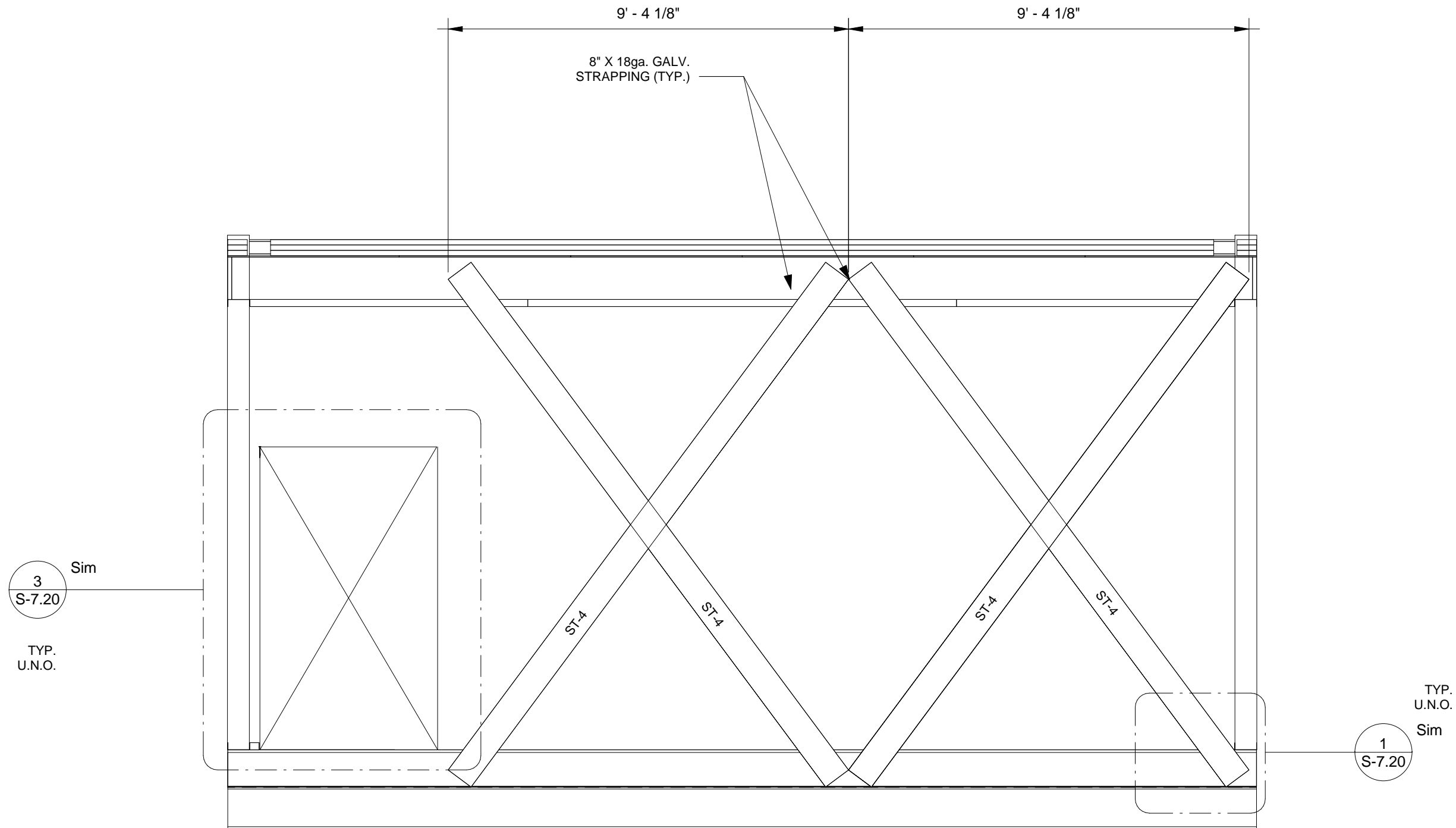
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SCALE	3/8" = 1'-0"
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DWG TITLE
FRONT ELEVATION
MODULE TYPE
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MODULE TYPE ID
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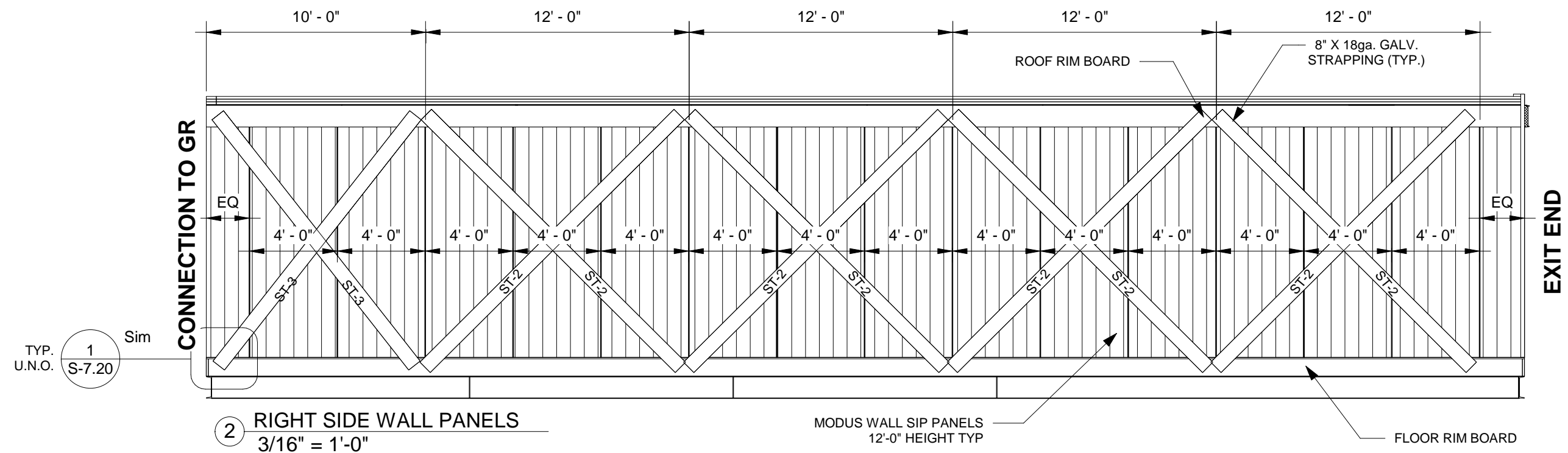
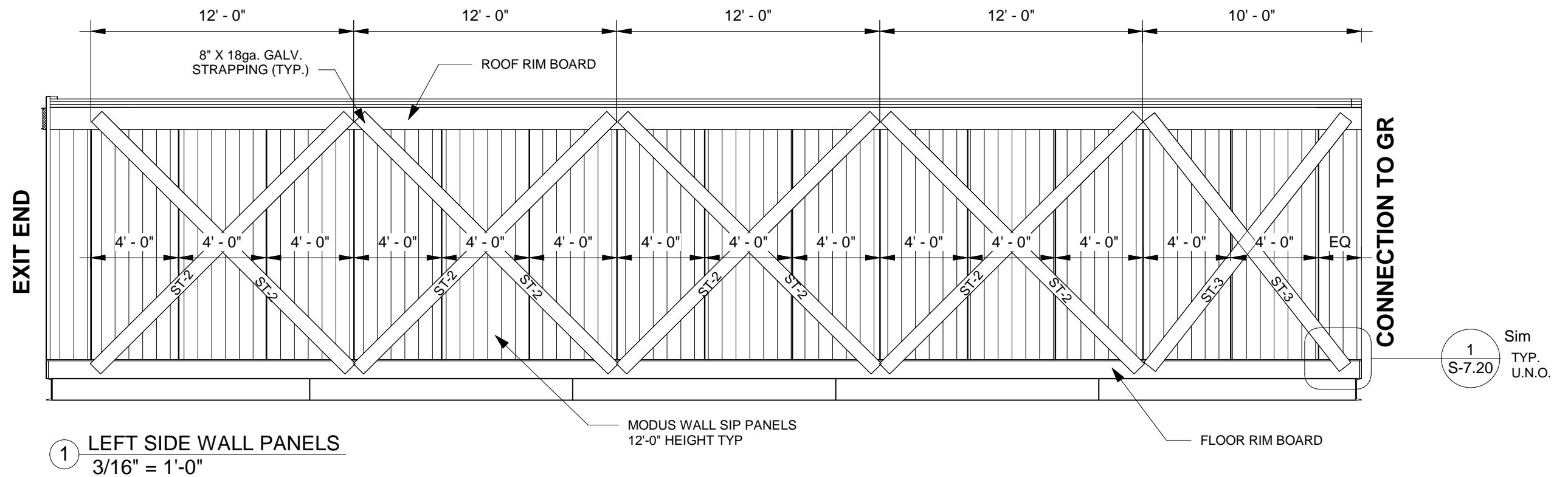
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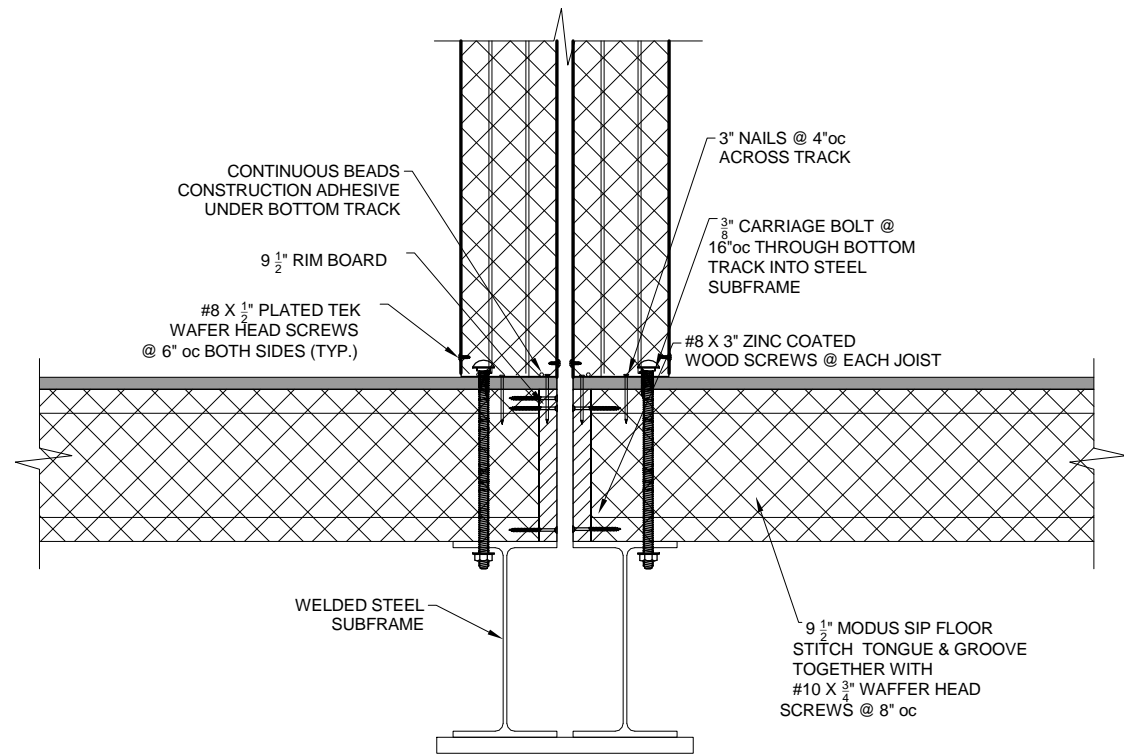


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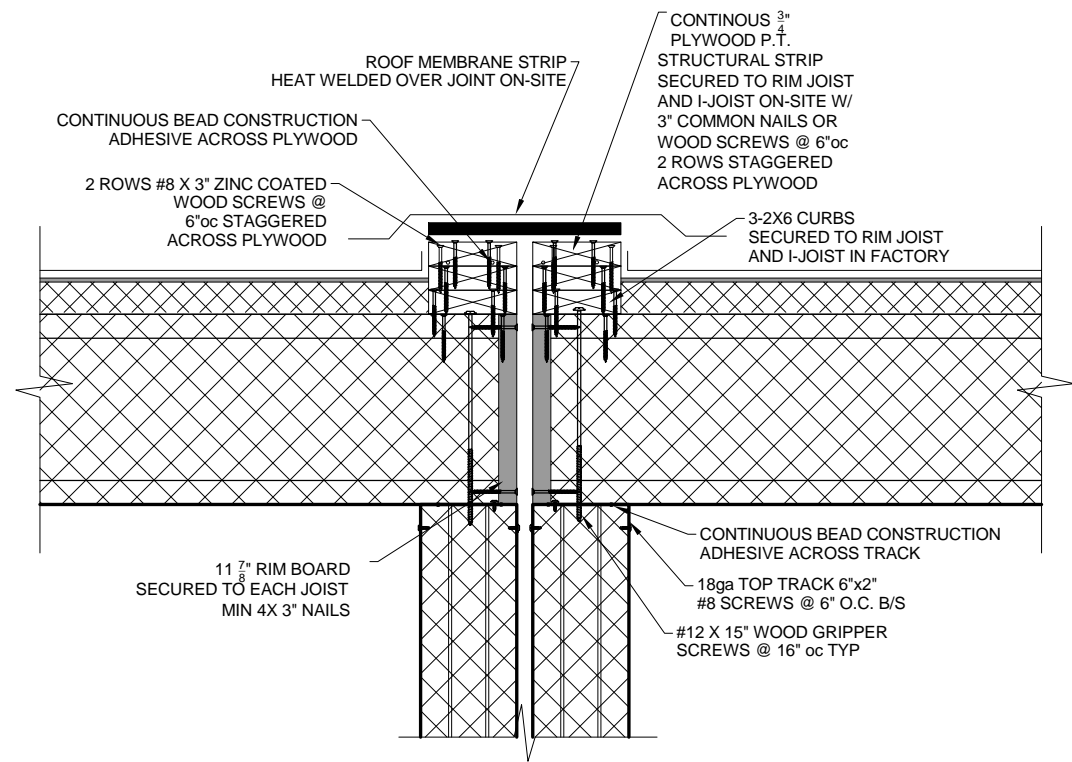
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	CHECKED BY		MSC		PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6													
	REV	A	SCALE 3/16" = 1'-0"		ISSUED FOR REVIEW		MODULE TYPE 24' X 60' GROW ROOM MODULE		MODULE TYPE ID GRAL								DWG NO.  S-3.20-GRAL	
	DATE		June 10th , 2019															





1 GR FLOOR WALL SUBFRAME DETAIL  
1" = 1'-0"



2 SIDE WALL ROOF CONNECTION  
1" = 1'-0"

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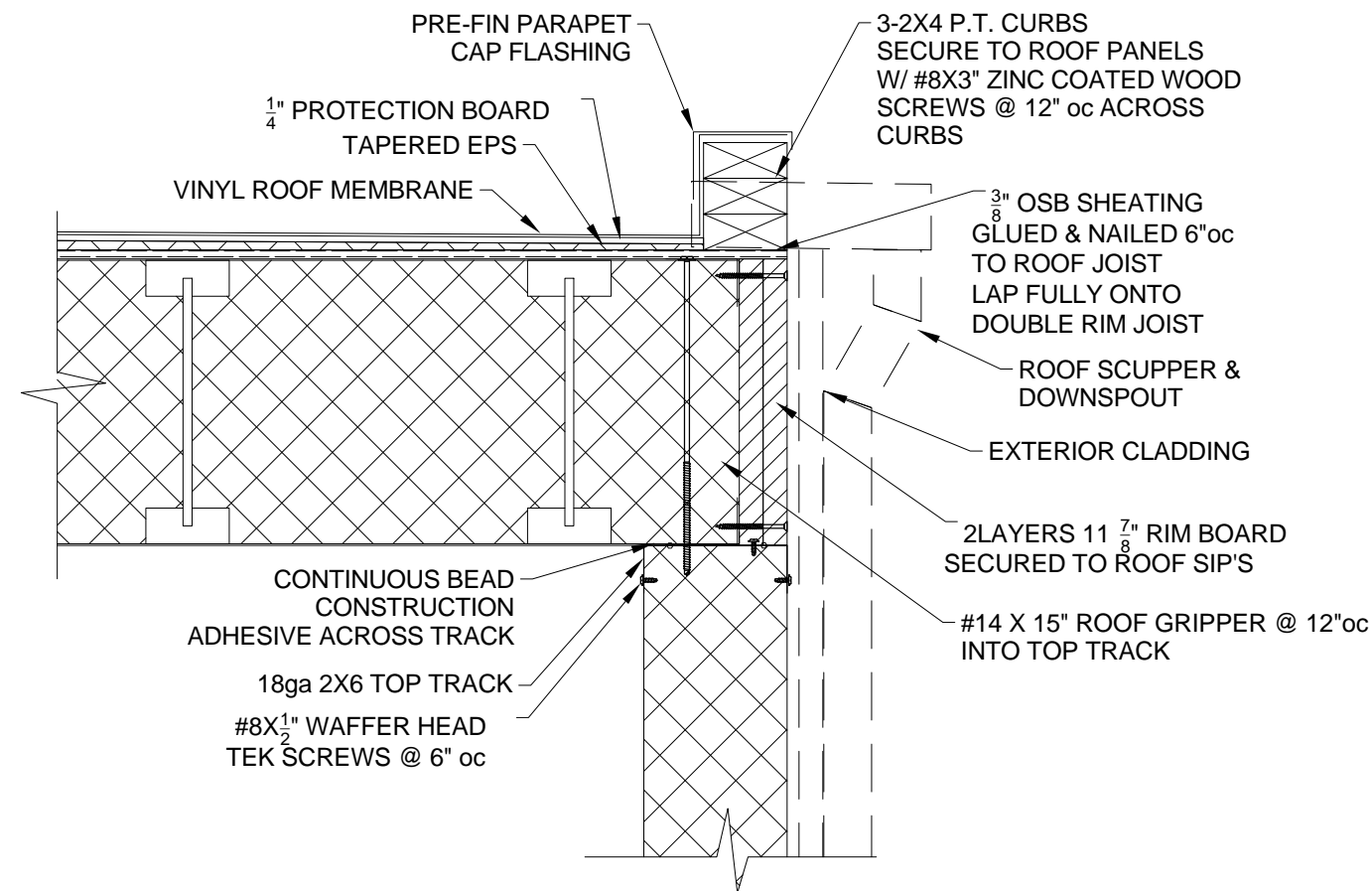
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REV	A
SCALE	1" = 1'-0"
DATE	June 10th, 2019

CLIENT
PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6
<b>ISSUED FOR REVIEW</b>

DWG TITLE
CONNECTION DETAILS
MODULE TYPE
24' X 60' GROW ROOM MODULE
MODULE TYPE ID
GRAL

A	ISSUED FOR REVISION	SR	10/06/19
No	REVISION DESCRIPTION	BY	DATE


PROJECT NO.
PR-0640
DWG NO.
S-3.60-GRAL

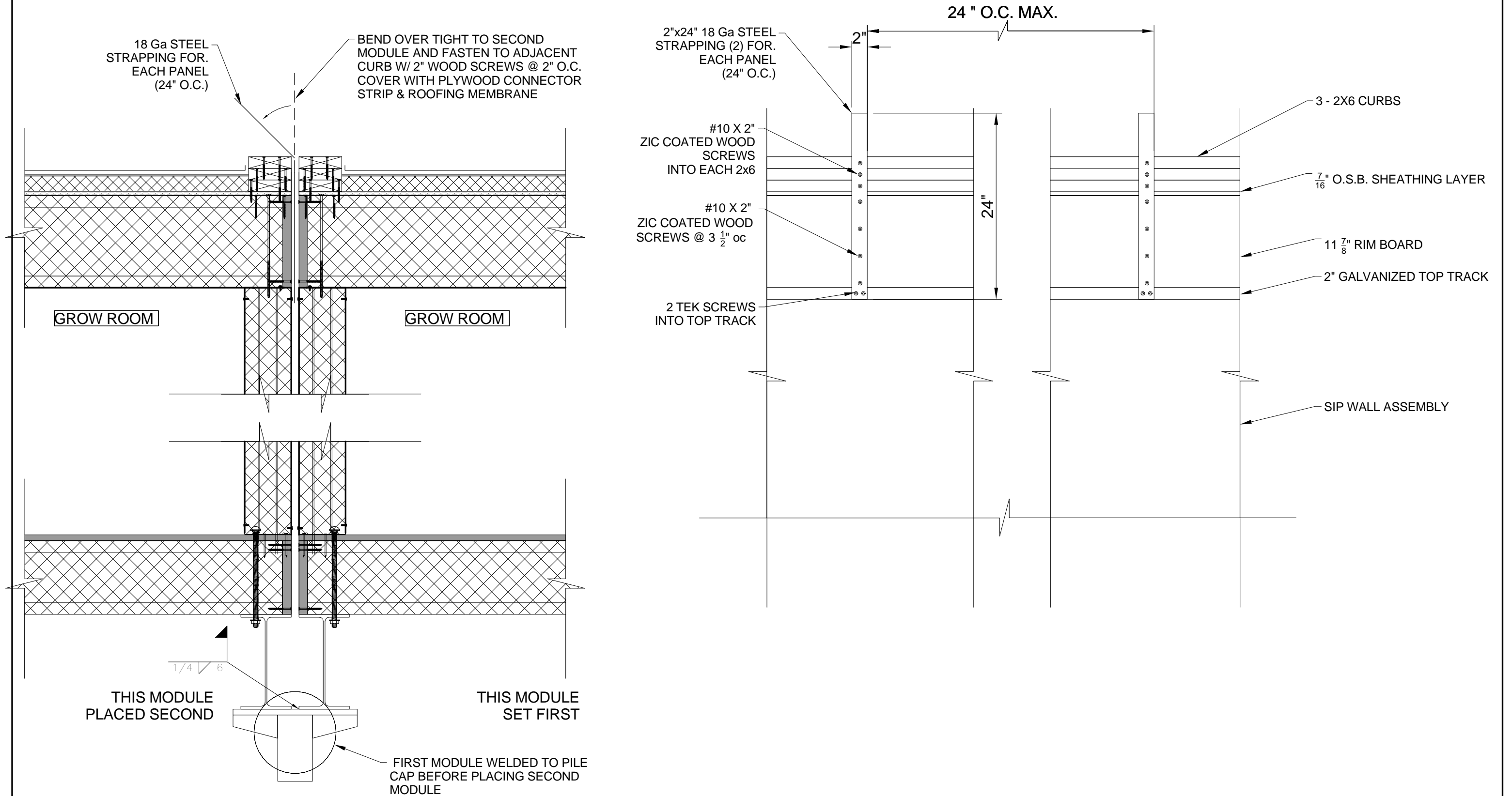


1 GROW ROOM EAVE DETAIL  
1 1/2" = 1'-0"

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	CHECKED BY		Checker		PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6																									
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	DATE		June 10th , 2019																											



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REV	A
SCALE	1" = 1'-0"
DATE	June 10th, 2019

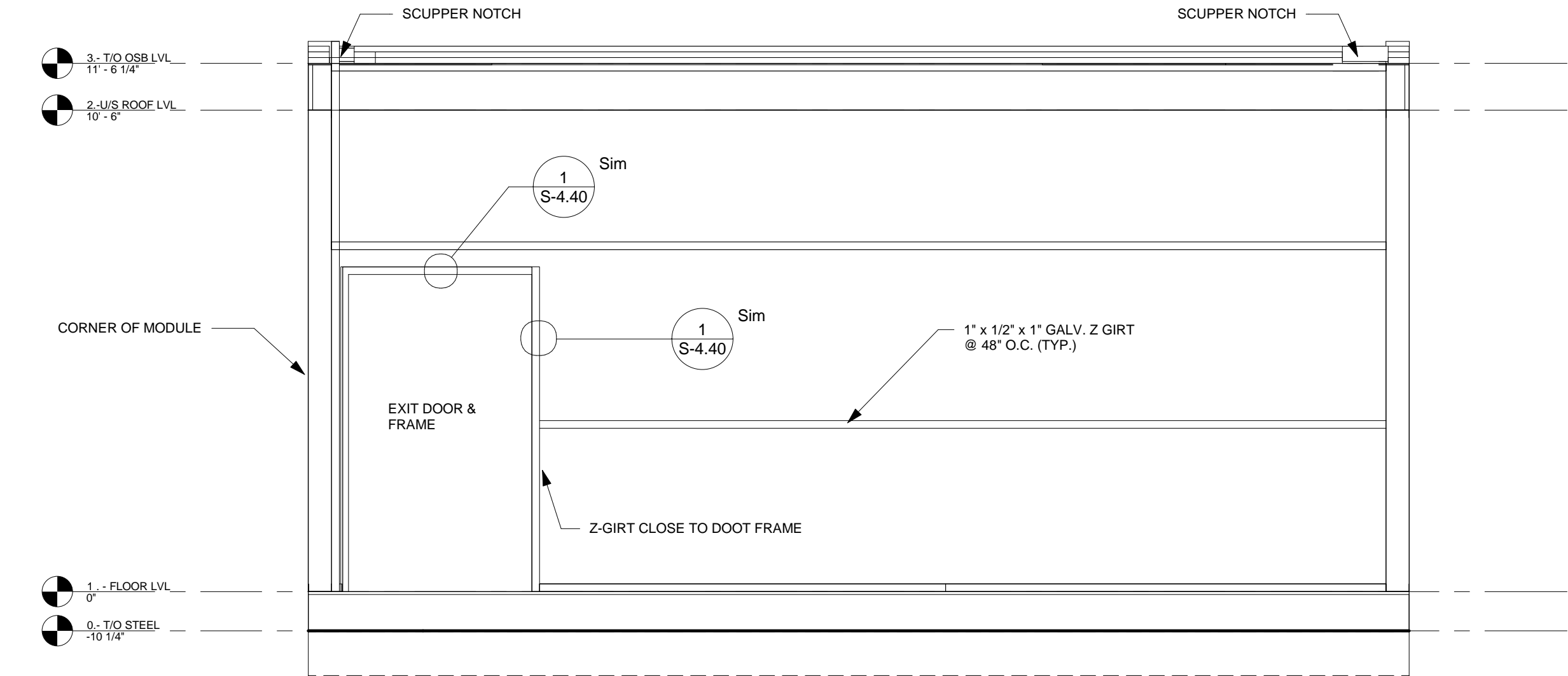
CLIENT
PROJECT DESCRIPTION
MERRITT FACILITY PHASE 1 POD 6
<b>ISSUED FOR REVIEW</b>

DWG TITLE
ROOF STRAPPING DETAIL
MODULE TYPE
24' X 60' GROW ROOM MODULE
MODULE TYPE ID
GRAL

A	ISSUED FOR REVISION	SR	10/06/19
No	REVISION DESCRIPTION	BY	DATE

PROJECT NO.
PR-0640
DWG NO.
S-3.70-GRAL






1 FRONT ELEVATION Z GIRT  
3/8" = 1'-0"

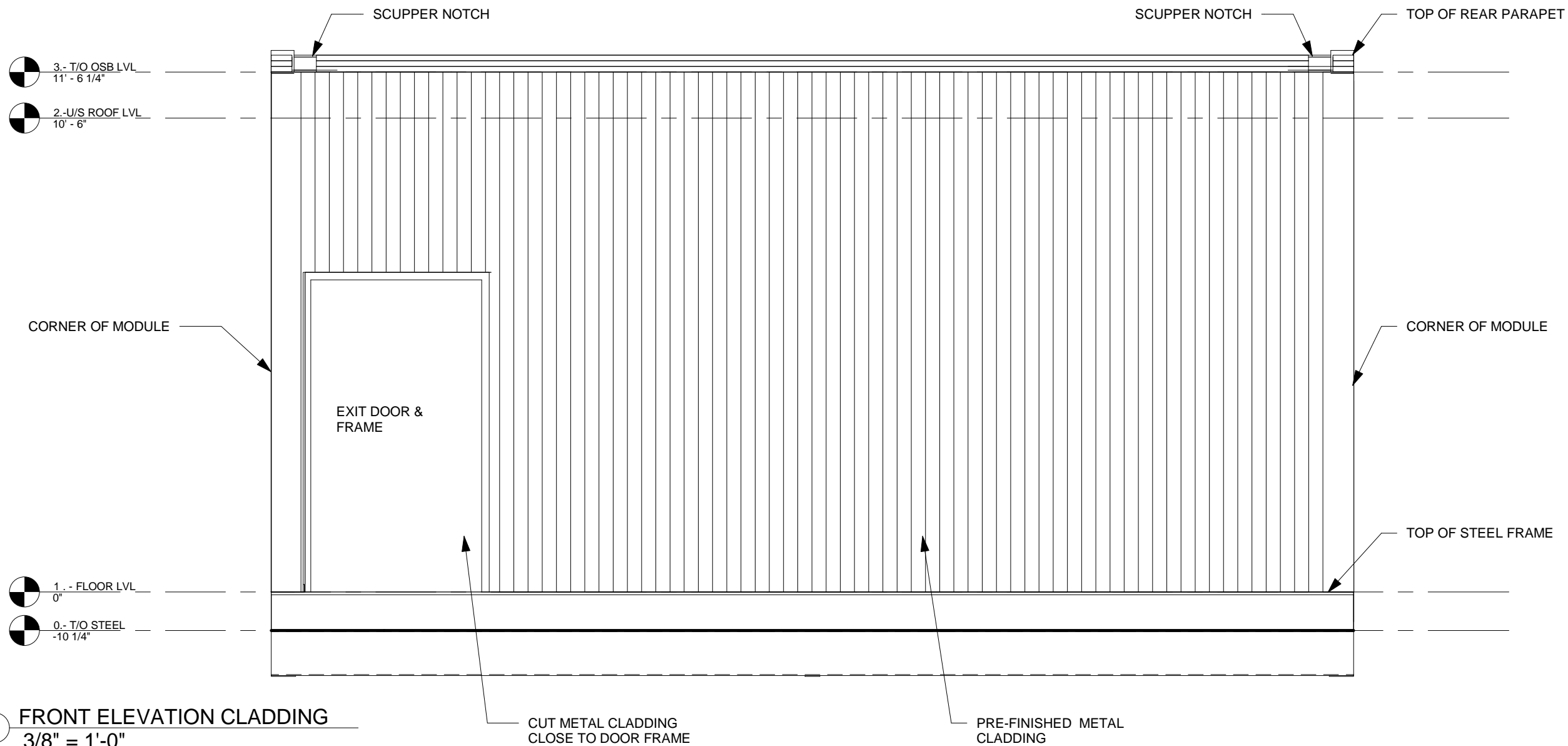
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	CHECKED BY		Checker		PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6													
	REV	A	SCALE 3/8" = 1'-0"		ISSUED FOR REVIEW		MODULE TYPE 24' X 60' GROW ROOM MODULE		MODULE TYPE ID GRAL								DWG NO.	
	DATE June 10th , 2019																S-3.90-GRAL	
	A		ISSUED FOR REVISION								SR		10/06/19					
BY		REVISION DESCRIPTION										DATE						

PR-0640

S-3.90-GRAL



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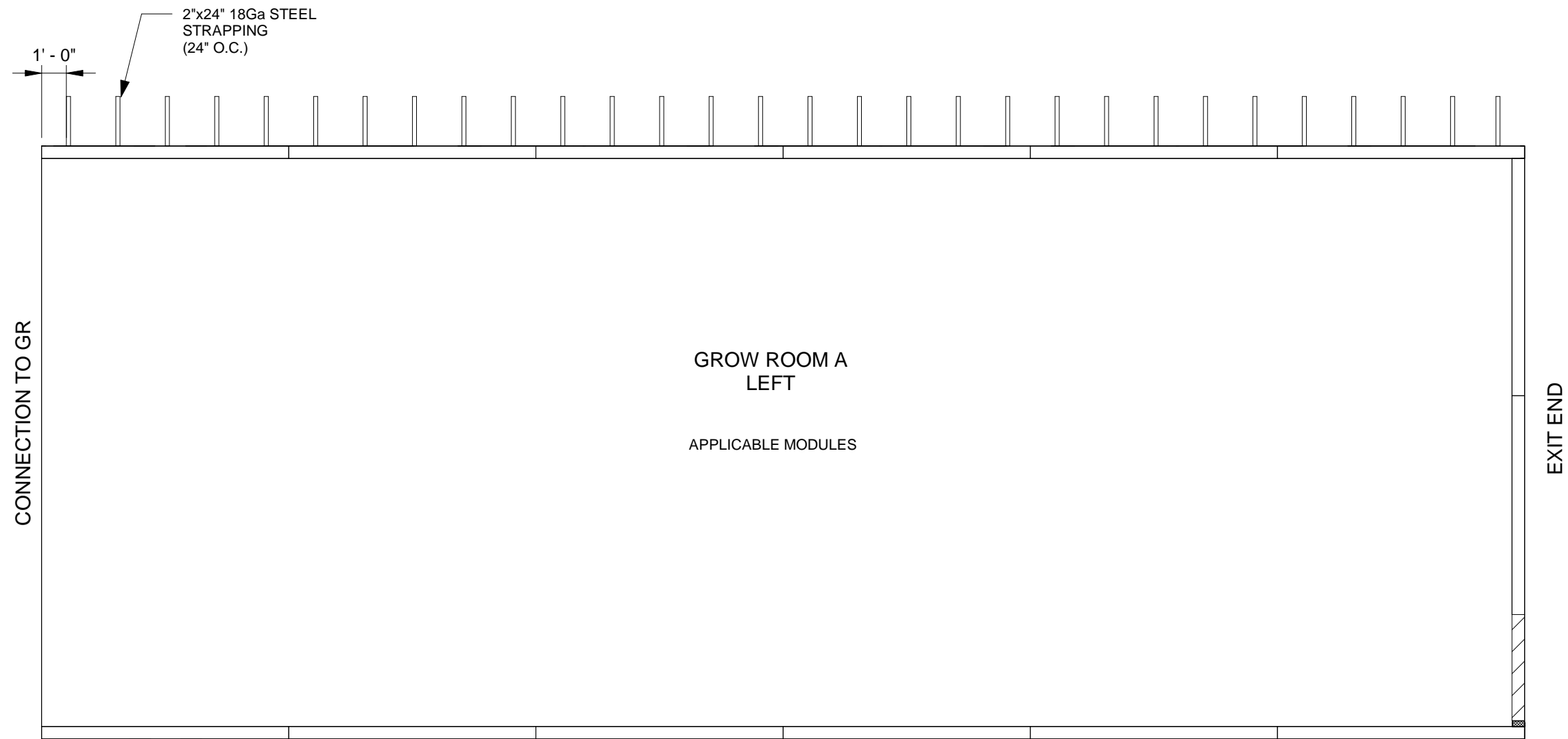
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	CHECKED BY		Checker	PROJECT DESCRIPTION																
	REV	A	SCALE	ISSUED FOR REVIEW	24' X 60' GROW ROOM MODULE	MODULE TYPE ID	GRAL										DWG NO.	S-4.00-GRAL		
			3/8" = 1'-0"																	
	DATE		June 10th , 2019																	



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[illegible]



1 STRAPPING LAYOUT  
3/16" = 1'-0"

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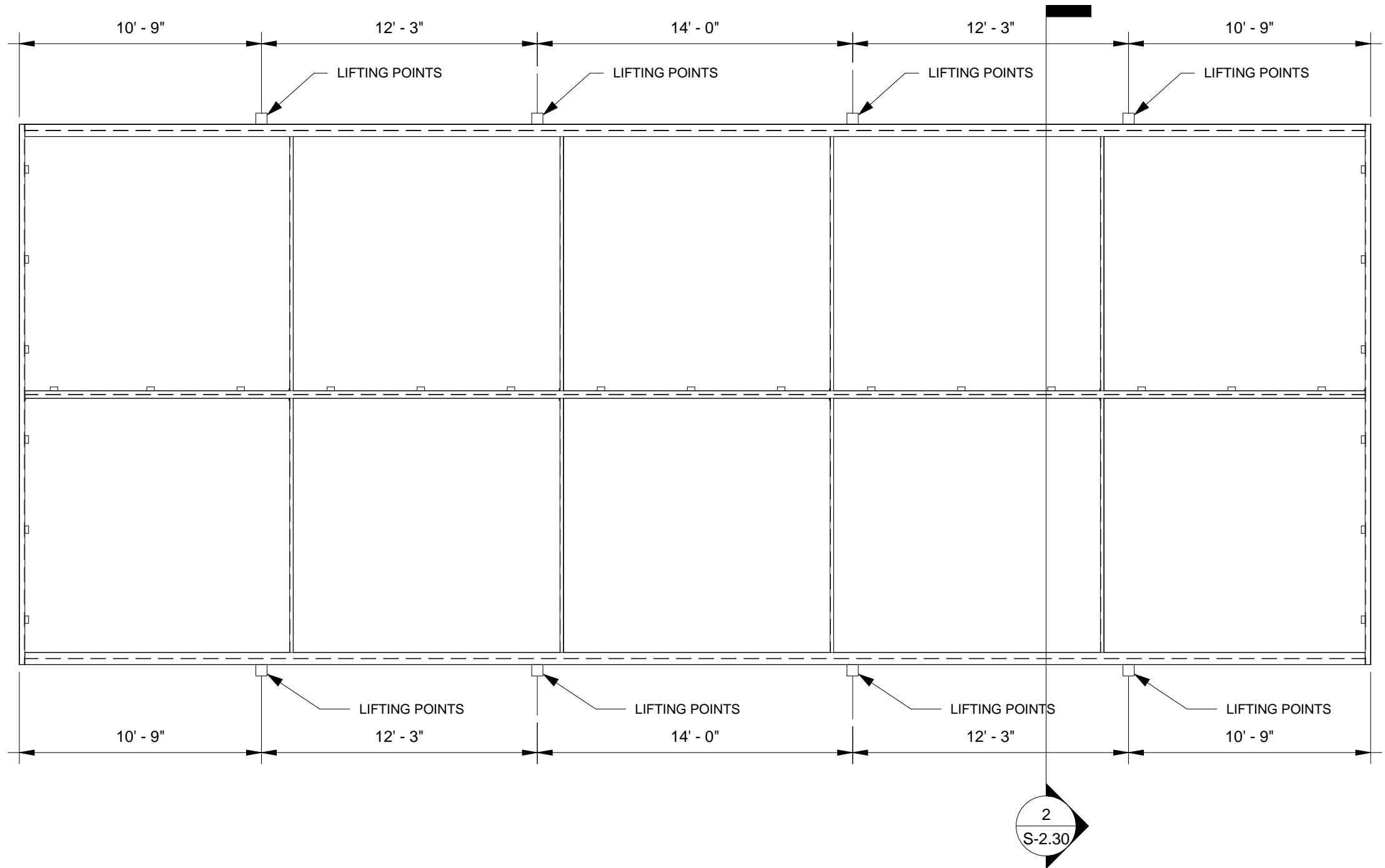
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DATE June 10th , 2019		

CLIENT	
PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6	
ISSUED FOR REVIEW	

DWG TITLE	
STRAPPING LAYOUT	
MODULE TYPE	MODULE TYPE ID
24' X 60' GROW ROOM MODULE	GRAL

A	ISSUED FOR REVISION	SR	10/06/19
No	REVISION DESCRIPTION	BY	DATE

PROJECT NO.
PR-0640
DWG NO.
S-4.50-GRAL



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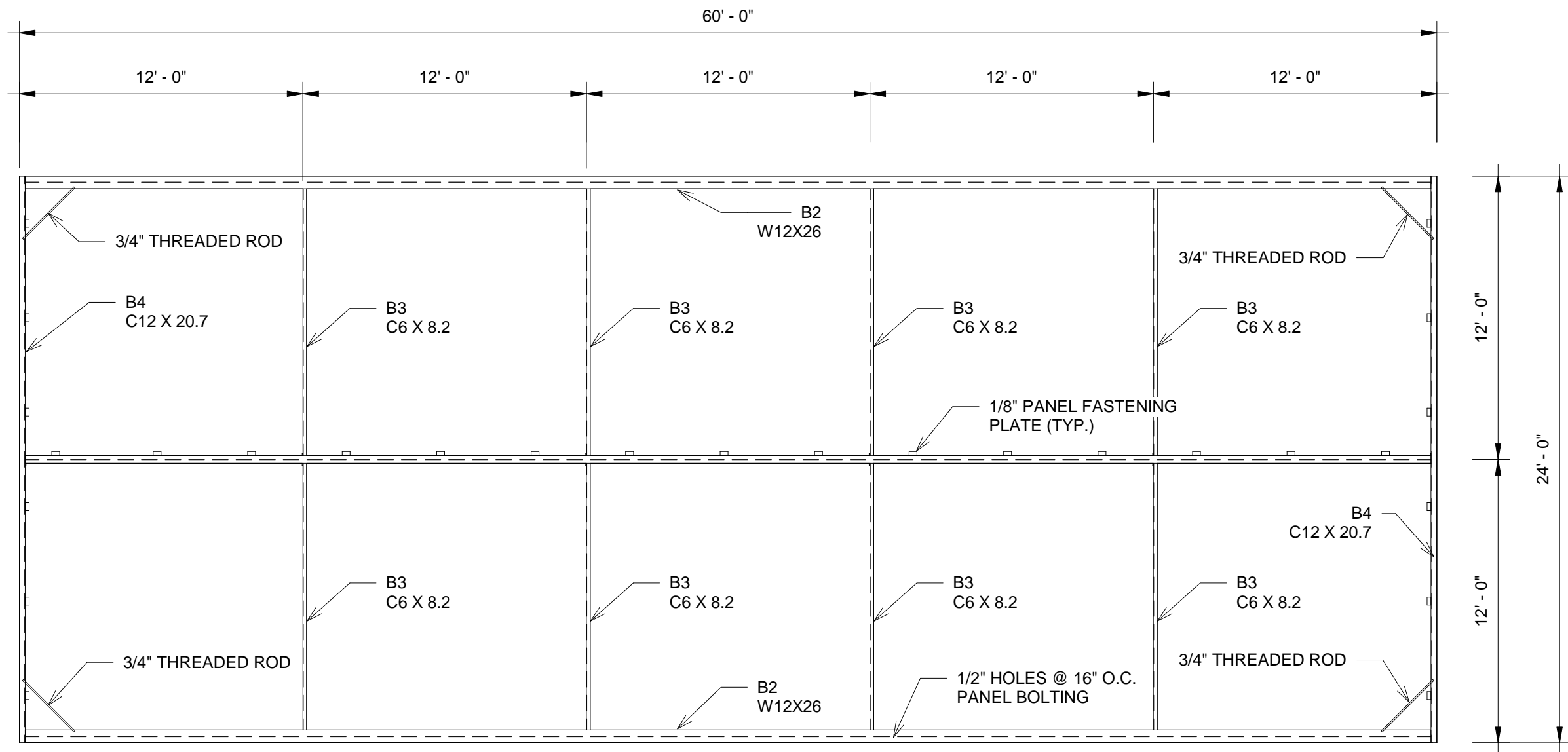
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CHECKED BY	Checker	
REV	A	SCALE 3/16" = 1'-0"
DATE June 10th , 2019		

CLIENT
PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6
ISSUED FOR REVIEW

DWG TITLE
LIFTING POINTS
MODULE TYPE
24' X 60' GROW ROOM MODULE
MODULE TYPE ID
GRAL

A	ISSUED FOR REVISION	SR	10/06/19
No	REVISION DESCRIPTION	BY	DATE

PROJECT NO.
PR-0640
DWG NO.
S-4.90-GRAL



1 FLOOR- STEEL SUBFRAME  
3/16" = 1'-0"

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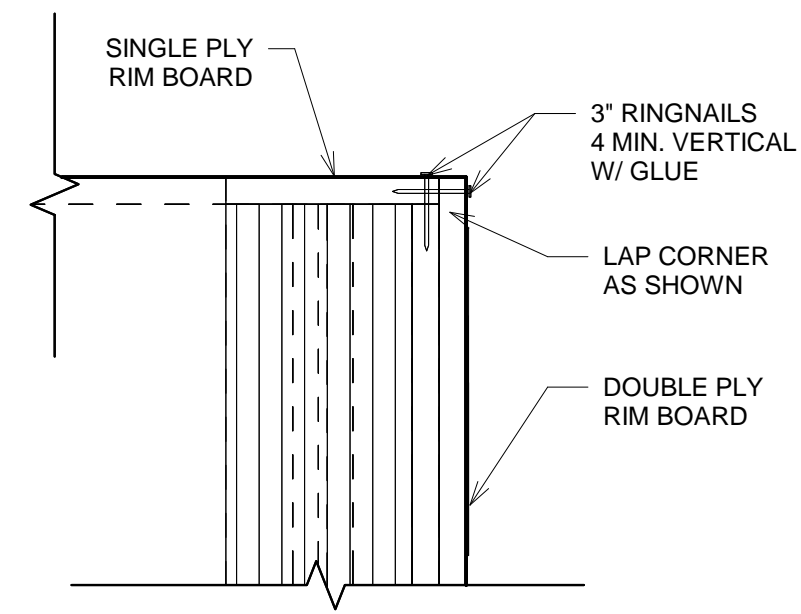
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	CHECKED BY		Checker		PROJECT DESCRIPTION		FLOOR - STEEL SUBFRAME				PR-0640						
	REV		A		SCALE		MODULE TYPE				DWG NO.						
					3/16" = 1'-0"		24' X 60' GROW ROOM MODULE				S-4.95-GRAL						
	DATE		June 10th , 2019		ISSUED FOR REVIEW		MODULE TYPE ID		GRAL								
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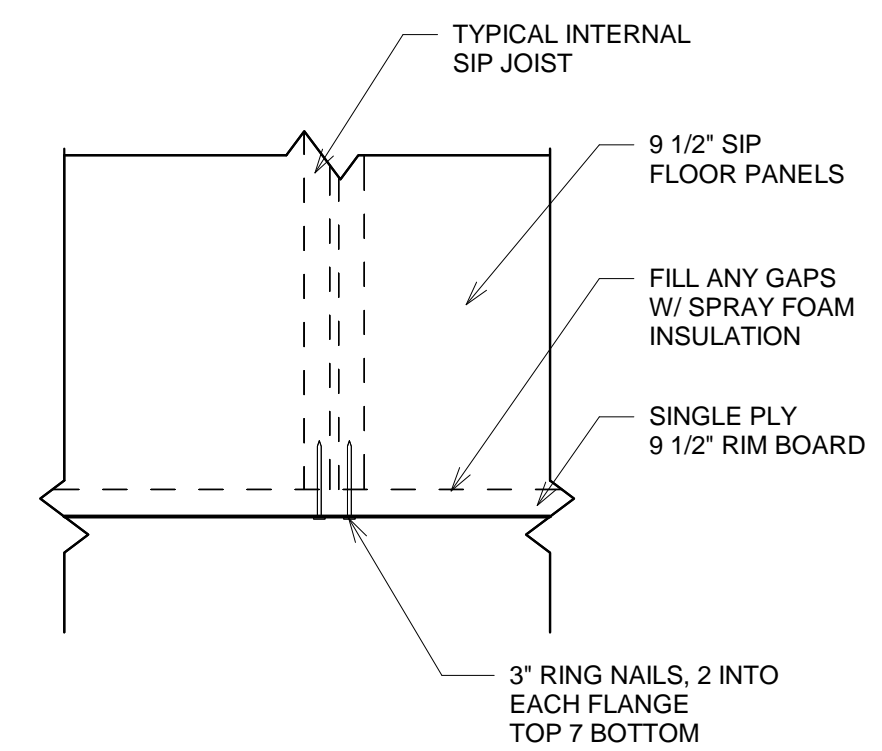
APPLY CONSTRUCTION  
ADHESIVE TO THE STEEL FRAME  
BEFORE INSTALLING RIM BOARD

APPLY CONSTRUCTION ADHESIVE  
ON THE TOP & BOTTOM OF EACH  
JOIST FLANGE AT THE END OF  
THE PANELS

1 RIMBOARD TO STEEL FRAME ADHESIVE



2 RIMBOARD CORNER DETAIL  
1 1/2" = 1'-0"



3 RIMBOARD TO FLOOR JOIST DETAIL  
1 1/2" = 1'-0"

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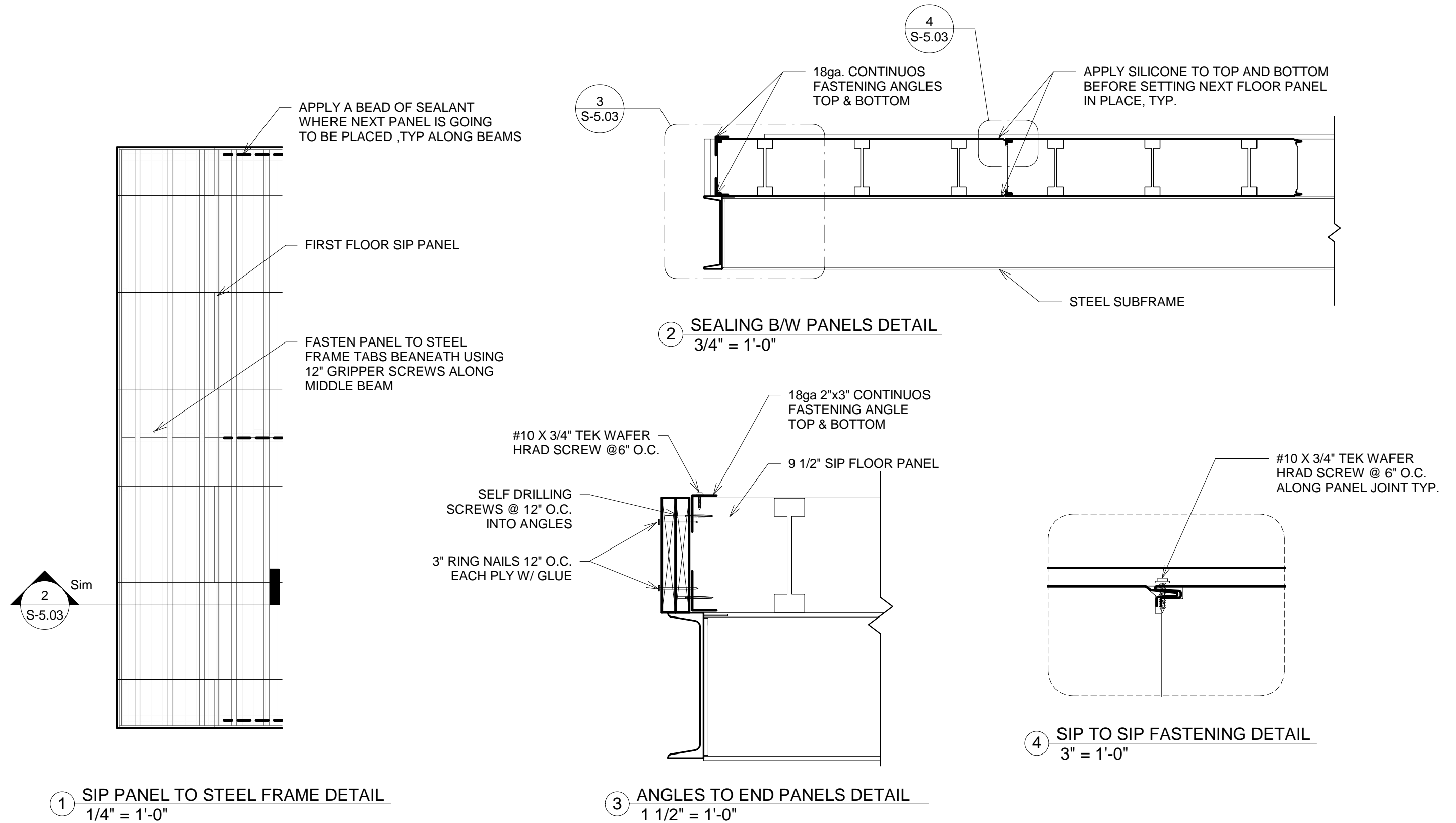
DRAWN BY	Author
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REV	A
SCALE	1 1/2" = 1'-0"
DATE	June 10th, 2019

CLIENT
PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6
ISSUED FOR REVIEW

DWG TITLE
FLOOR RIMBOARD INSTALLATION DETAILS
MODULE TYPE
24' X 60' GROW ROOM MODULE
MODULE TYPE ID
GRAL

A	ISSUED FOR REVISION	SR	10/06/19
No	REVISION DESCRIPTION	BY	DATE

PROJECT NO.
PR-0640
DWG NO.
S-5.02-GRAL



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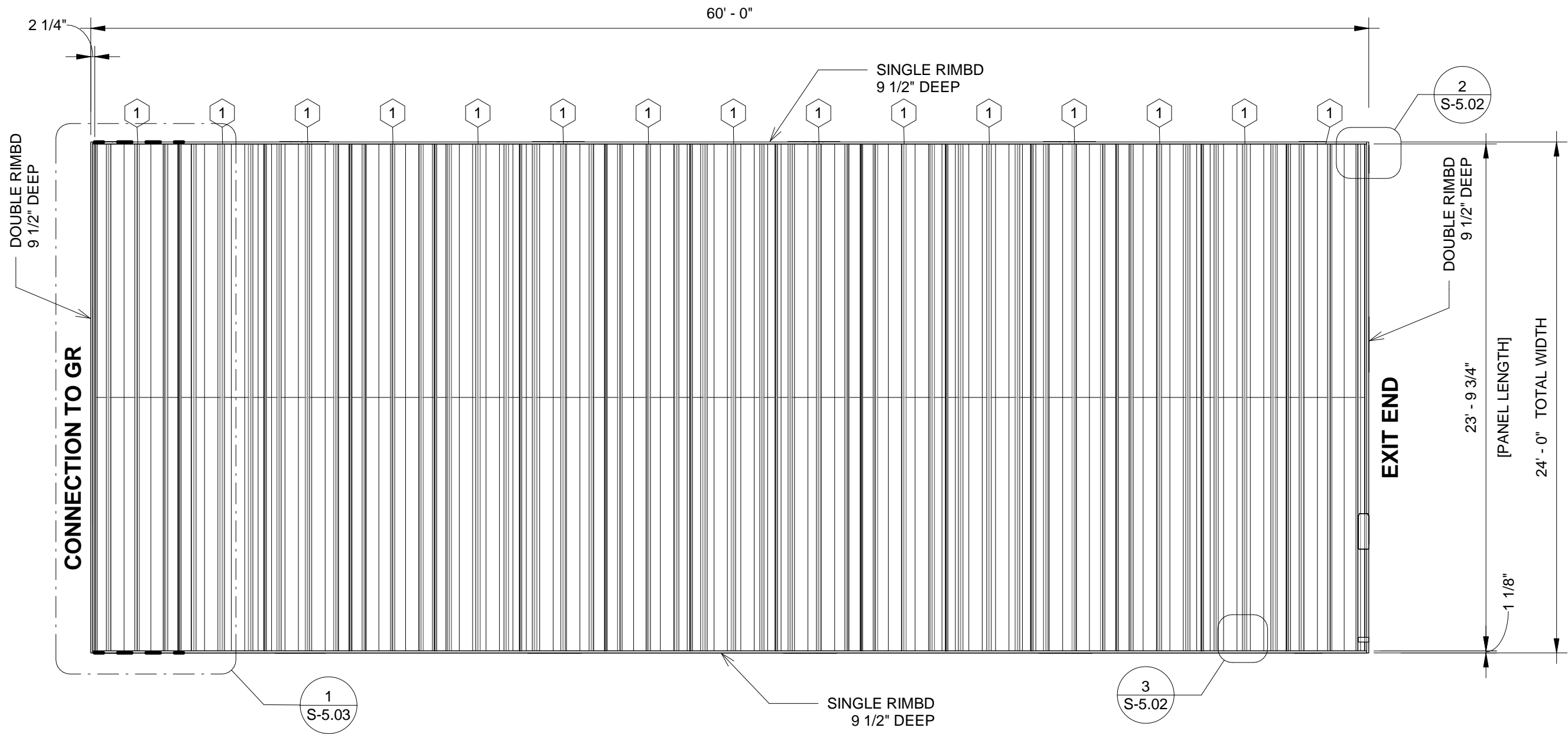
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CHECKED BY	Checker	PROJECT DESCRIPTION	FLOOR SIP PANELS INSTALLATION DETAILS					PR-0640
REV	A	SCALE	MODULE TYPE	MODULE TYPE ID				DWG NO.
		As indicated	24' X 60' GROW ROOM MODULE	GRAL				S-5.03-GRAL
DATE	June 10th, 2019	ISSUED FOR REVIEW			A	ISSUED FOR REVISION	SR	10/06/19
					No	REVISION DESCRIPTION	BY	DATE





1 FLOOR - SIP PANEL LAYOUT  
3/16" = 1'-0"

FLOOR SIP PANELS SCHEDULE			
TAG	STOCK CODE #	DESCRIPTION	COUNT
1	PNL128042	SIP PANEL 9.5" T x 48" W x 285.5" (PNL-1A 285.5")	15

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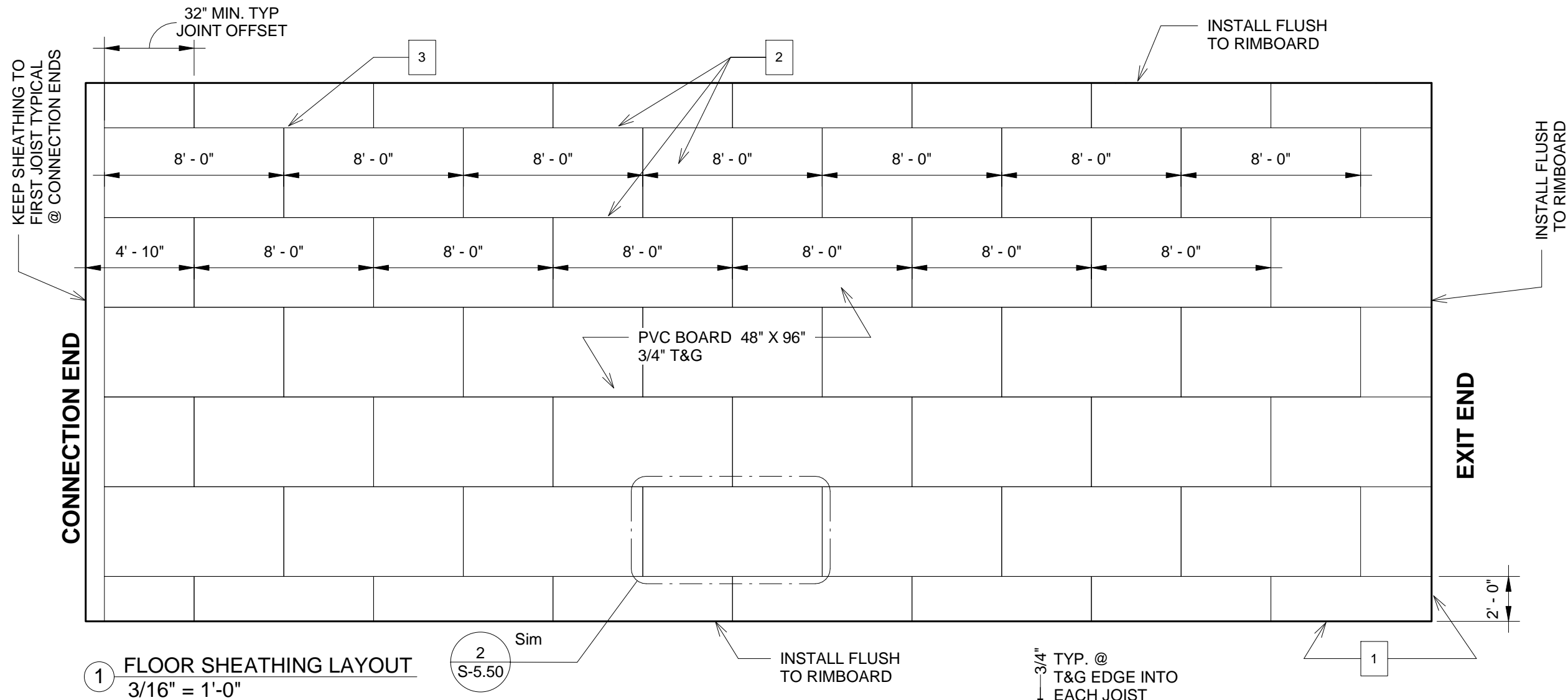
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REV	A	SCALE 3/16" = 1'-0"
DATE June 10th , 2019		

CLIENT
PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6
ISSUED FOR REVIEW

DWG TITLE
FLOOR SIP PANELS LAYOUT
MODULE TYPE
24' X 60' GROW ROOM MODULE
MODULE TYPE ID
GRAL

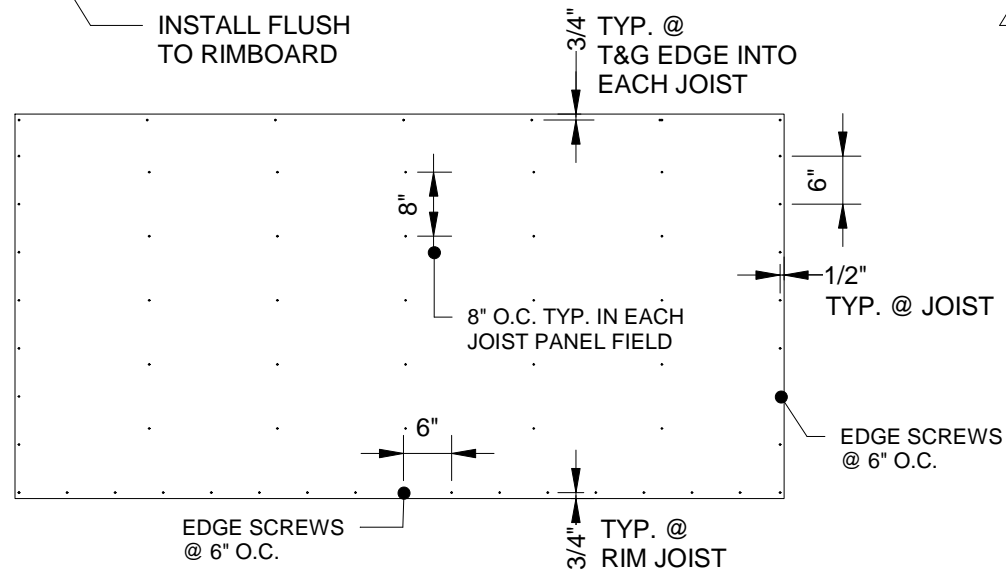
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No	REVISION DESCRIPTION	BY	DATE		

PROJECT NO.
PR-0640
DWG NO.
S-5.10-GRAL



#### INSTALLATION NOTES:

- 1.- FASTEN THE PVC FLOORING SHEETS USING DABS OF CONSTRUCTION ADHESIVE AT EVERY 8" ON CENTER FOR THE ENTIRE LENGTH OF THE FLOOR IN THE 24"/48" WIDE AREA OF THE 'PVC' SHEET.
- 2.- ENSURE PVC SHEET BUTT ENDS FALL ON FLOOR PANEL JOIST CENTRES.
- 3.- FASTENER DEPTH SHOULD BE SUCH AS TO NO BREAK THE SURFACE OF PVC SHEATHING.
- 4.- FASTENERS SHOULD BE COUNTER SUNK JUST SLIGHTY LOWER THAN THE PVC SHEATHING SURFACE SO THAT THE FLOOR PATCH MAY BE APPLIED.
- 5.- ONCE THE PVC SHEATHING IS INSTALLED, ROUTER OFF THE EDGE USING A FLUSH TRIM BIT WITH GUIDE BEARING
- 6.- CLEAN UP TO HE ARE AND PREAPRA THE WALL TRACK INSTALLATION



#### NOTES:

- 1 ON THE OUTSIDE EDGE OF THE UNIT ONLY THE PVC SHEET GETS SCREWED @ 6" O.C.
- 2 THE FIELD AREA ON EACH SHEET GETS FASTENED @ 8" O.C. INTO THE JOIST AND THE BUTT ENDS GETS SCREWED @ 6" O.C.
- 3 ADD ONE FULL THREAD BUGLE #8 X 2 -3/8" TEK SCREW B/W EACH JOIST ALOG THELONG SIDE OF THE SHEET IN THE FIELD.

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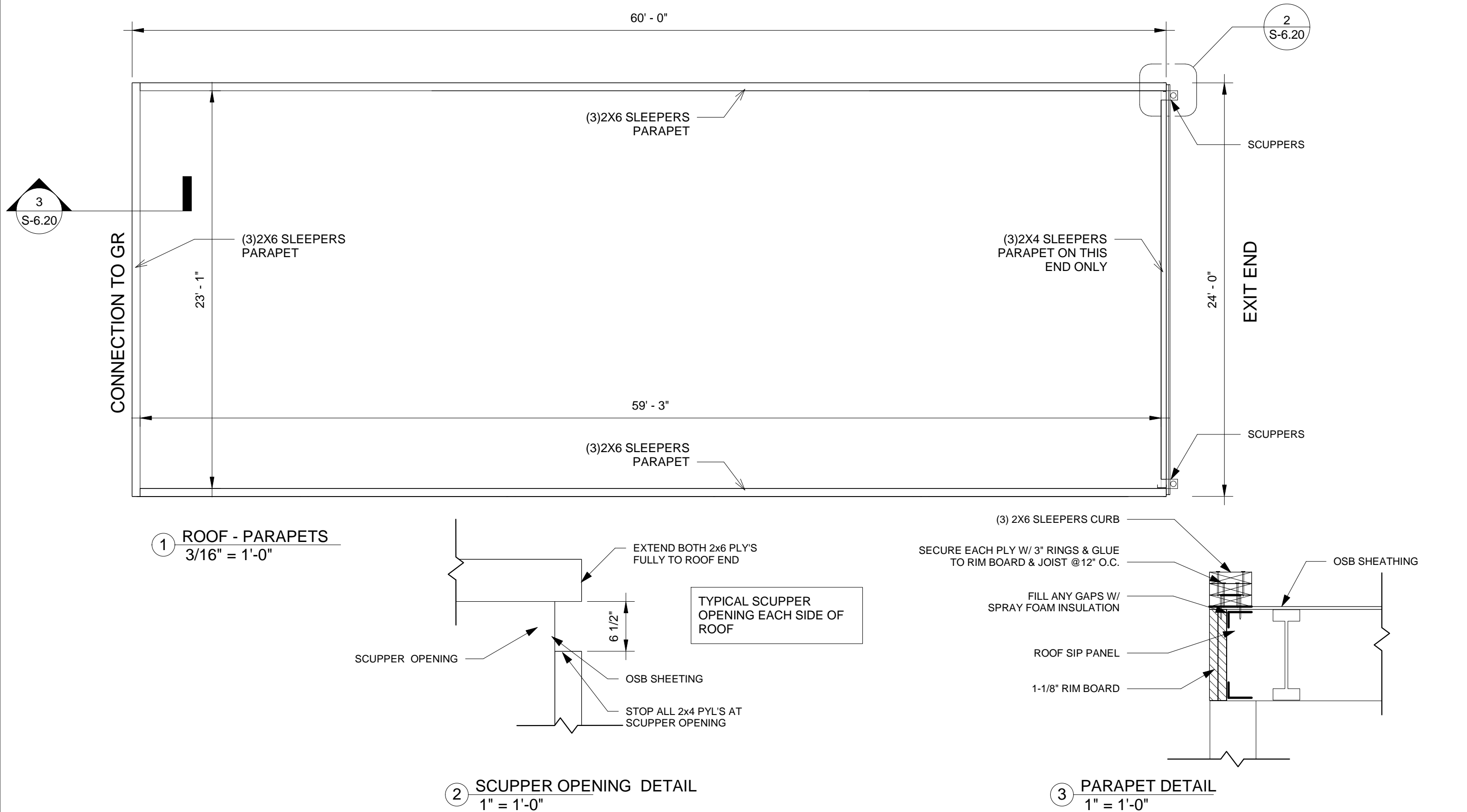
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REV	A
SCALE	As indicated
DATE	June 10th, 2019

CLIENT
PROJECT DESCRIPTION
MERRITT FACILITY PHASE 1 POD 6
<b>ISSUED FOR REVIEW</b>

DWG TITLE
FLOOR SHEATHING LAYOUT
MODULE TYPE
24' X 60' GROW ROOM MODULE
MODULE TYPE ID
GRAL


A	ISSUED FOR REVISION	SR	10/06/19
No	REVISION DESCRIPTION	BY	DATE

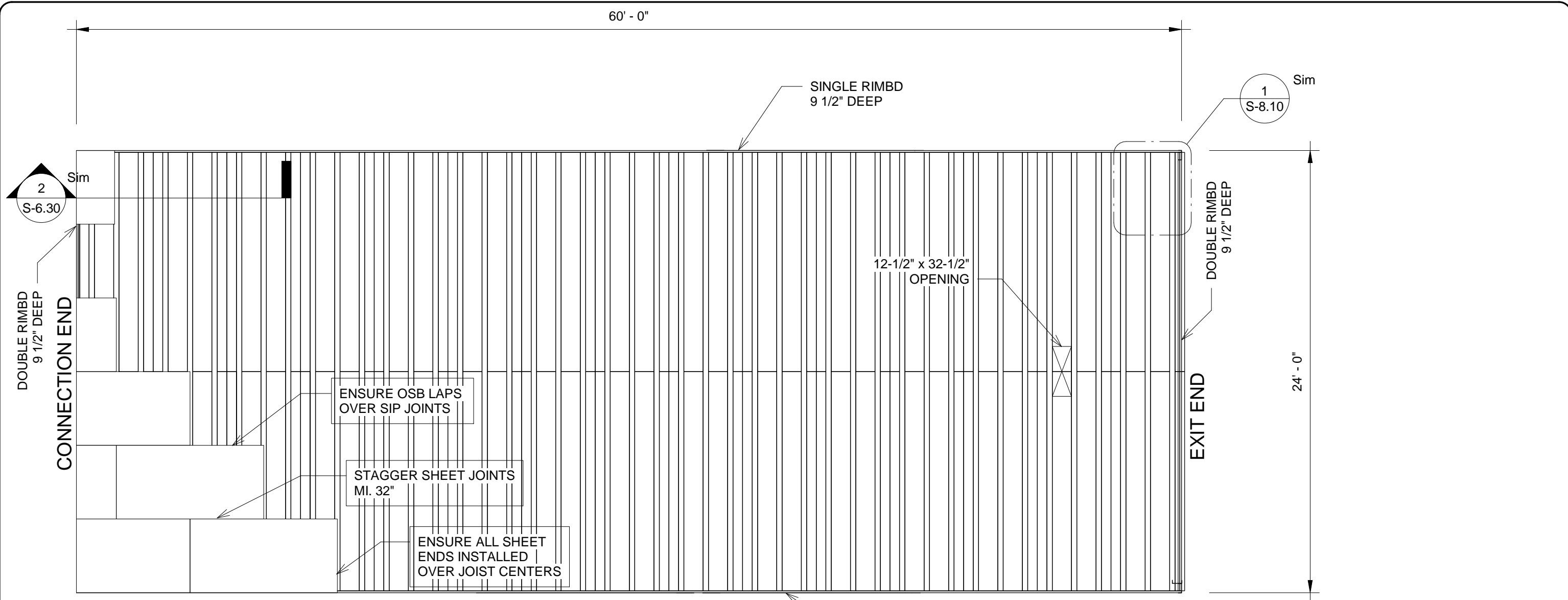
PROJECT NO.
PR-0640
DWG NO.
S-5.50-GRAL



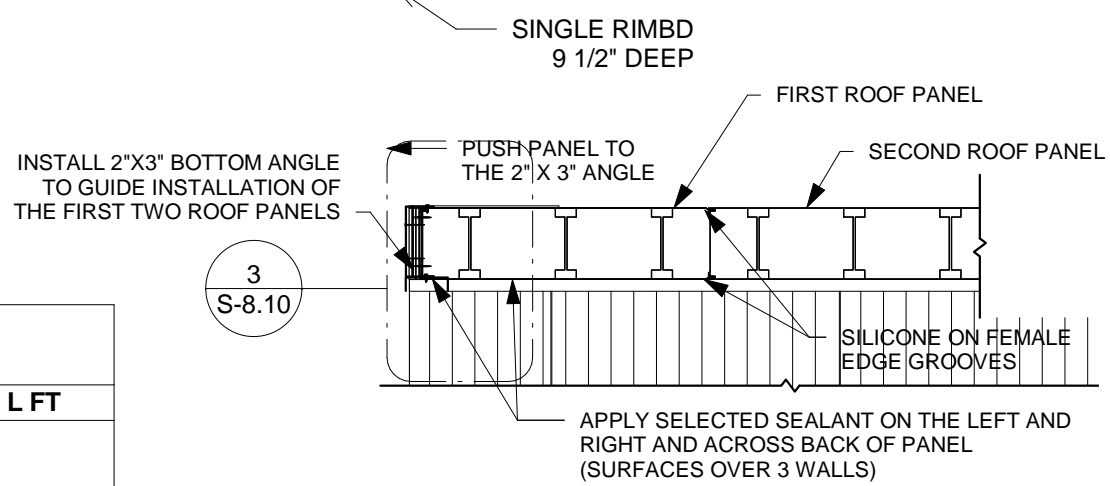
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	CHECKED BY		Checker		PROJECT DESCRIPTION										
	REV		A		SCALE		ISSUED FOR REVIEW		MODULE TYPE		MODULE TYPE ID		DWG NO.		
			As indicated		MERRITT FACILITY PHASE 1 POD 6										
	DATE		June 10th , 2019												
												</			



1 ROOF - SIP PANEL LAYOUT  
3/16" = 1'-0"



2 SEALING B/W ROOF PANELS DETAIL  
3/8" = 1'-0"

- INSTALLATION NOTES:
- 1.- INSTALL 2X3 BOTTOM ANGLE TO GUIDE THE INSTALLATION OF THE FIRST TWO PANELS.
  - 2.- APPLY SELECTED SILICONE SEALANT ON THE FEMALE EDGE GROOVES OF THE ROOF PANEL.
  - 3.- APPLY SELECTED SEALANT ON THE LEFT AND RIGHT UNDERSIDE OF THE ROOF PANEL.
  - 4.- ENSURE THAT THERE IS A DISTANCE OF 1 1/8" FROM THE EDGE OF THE WALL PANEL TO THE FIRST ROOF JOIST ON THE LEFT AND RIGHT SIDE OF THE ROOF PANEL.
  - 5.- FASTEN THE PANEL TO THE 2"X3" ANGLE ACROSS THE FRONT WITH GRIPPER SCREWS AT 24" O.C. VERTICALLY AND IN BETWEEN EACH ROOF PANEL JOIST.

ROOF BOM SCHEDULE						
ASSEMBLY	TAG	STK CODE #	DESCRIPTION	QTY	Volume	L FT
ROOF	P4	PNL01250	SIP PANEL 11.875" T x 48" W x 284.5" L 16 O/C Roof Panel (PNL-4A 284.5")	15	0.00 CF	0
ROOF	R2	LUM02009	Rim Board 1.125 x 9.5 x 12' 60/lift	8	24.39 CF	265.662499

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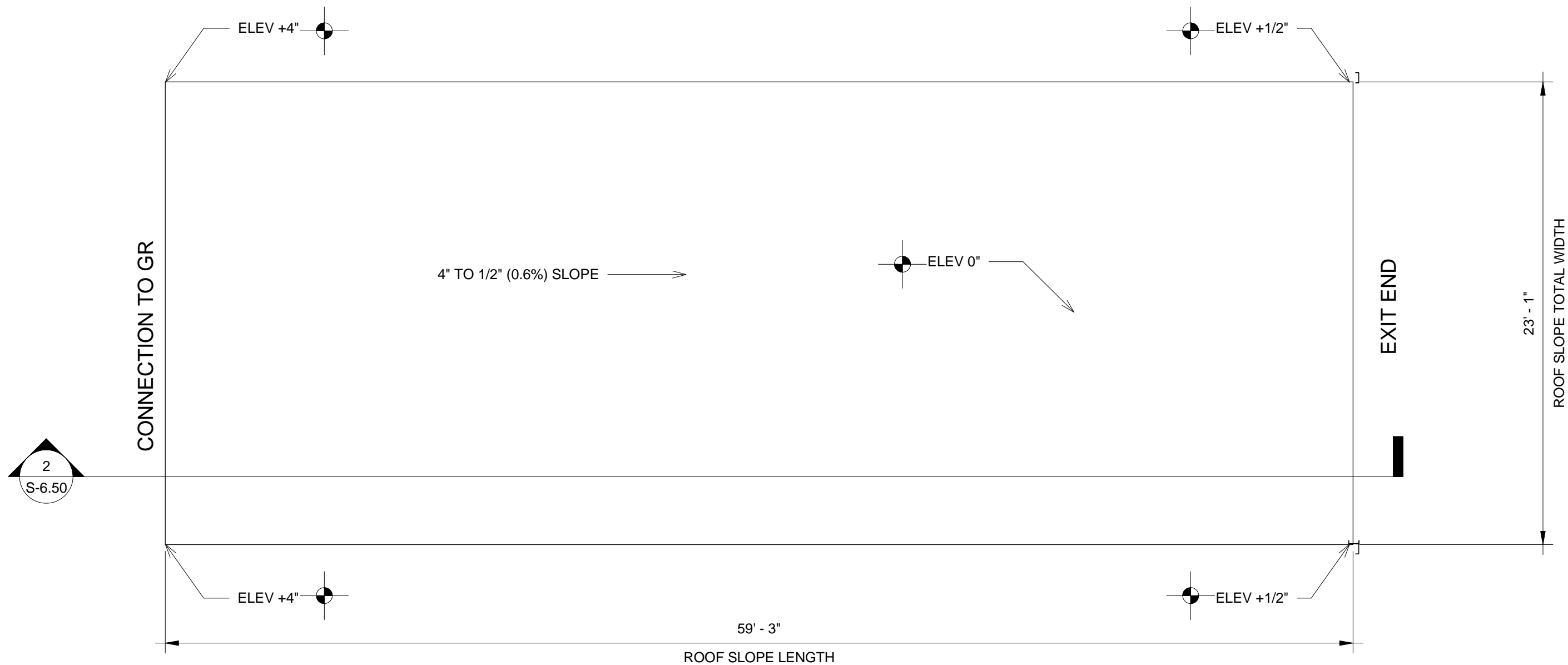
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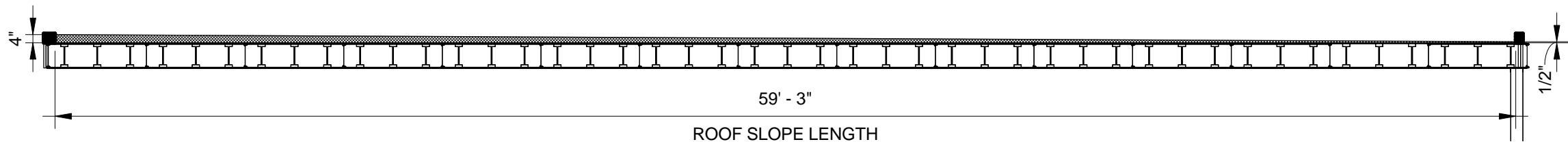
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DRAWN BY Author		CLIENT	DWG TITLE ROOF - SIP PANELS LAYOUT		PROJECT NO. PR-0640	
CHECKED BY Checker		PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6	MODULE TYPE 24' X 60' GROW ROOM MODULE		DWG NO. S-6.30-GRAL	
REV	A	SCALE As indicated	MODULE TYPE ID GRAL		ISSUED FOR REVISION	
DATE June 10th, 2019			ISSUED FOR REVIEW		SR BY	
					10/06/19 DATE	
					REVISION DESCRIPTION	



1 SLOPED EPS - PLAN  
3/16" = 1'-0"



2 SLOPED EPS - SECTION  
3/16" = 1'-0"

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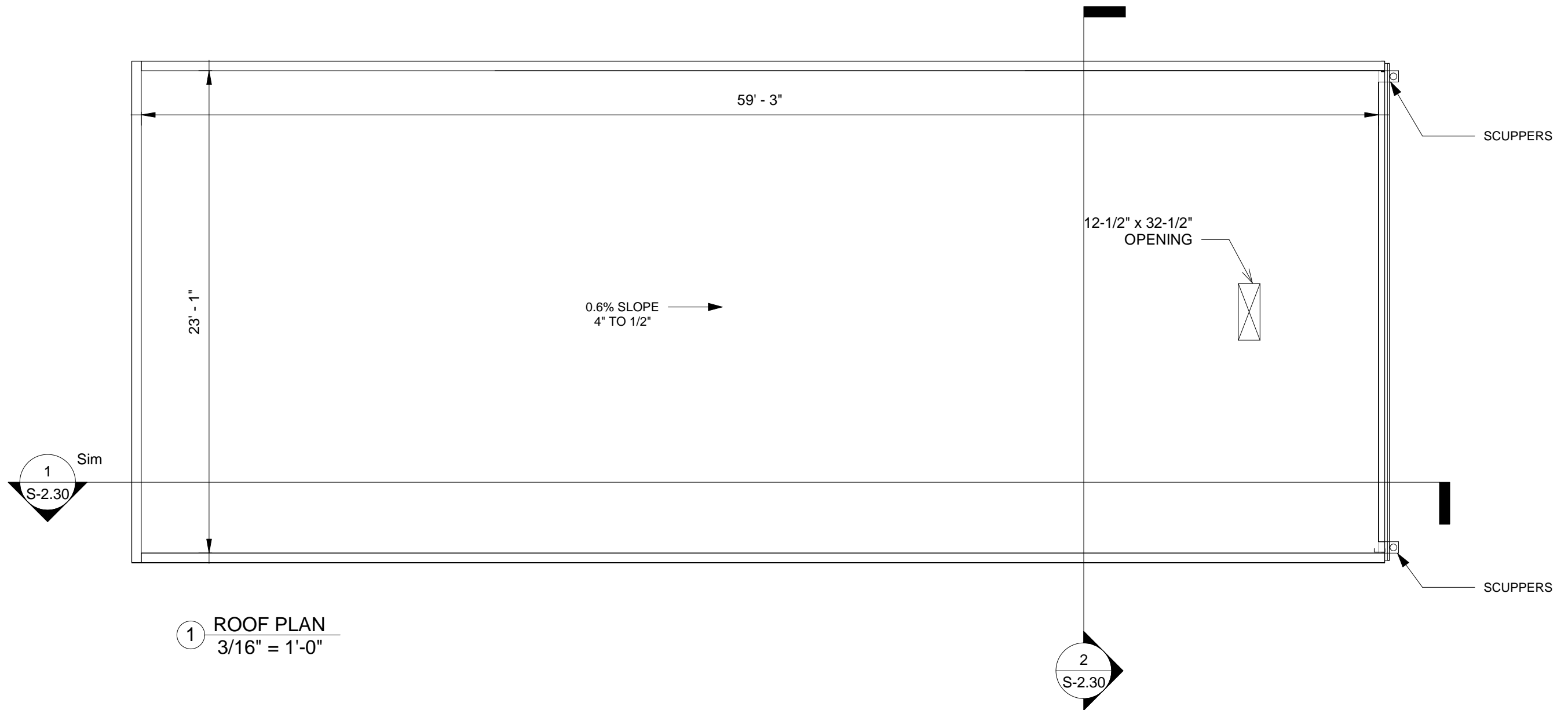
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CHECKED BY		MSC
REV	A	SCALE 3/16" = 1'-0"
DATE June 10th , 2019		

CLIENT	
PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6	
ISSUED FOR REVIEW	

DWG TITLE	
ROOF - SLOPED EPS	
MODULE TYPE	MODULE TYPE ID
24' X 60' GROW ROOM MODULE	GRAL

A	ISSUED FOR REVISION	SR	10/06/19
No	REVISION DESCRIPTION	BY	DATE

PROJECT NO.
PR-0640
DWG NO.
S-6.50-GRAL



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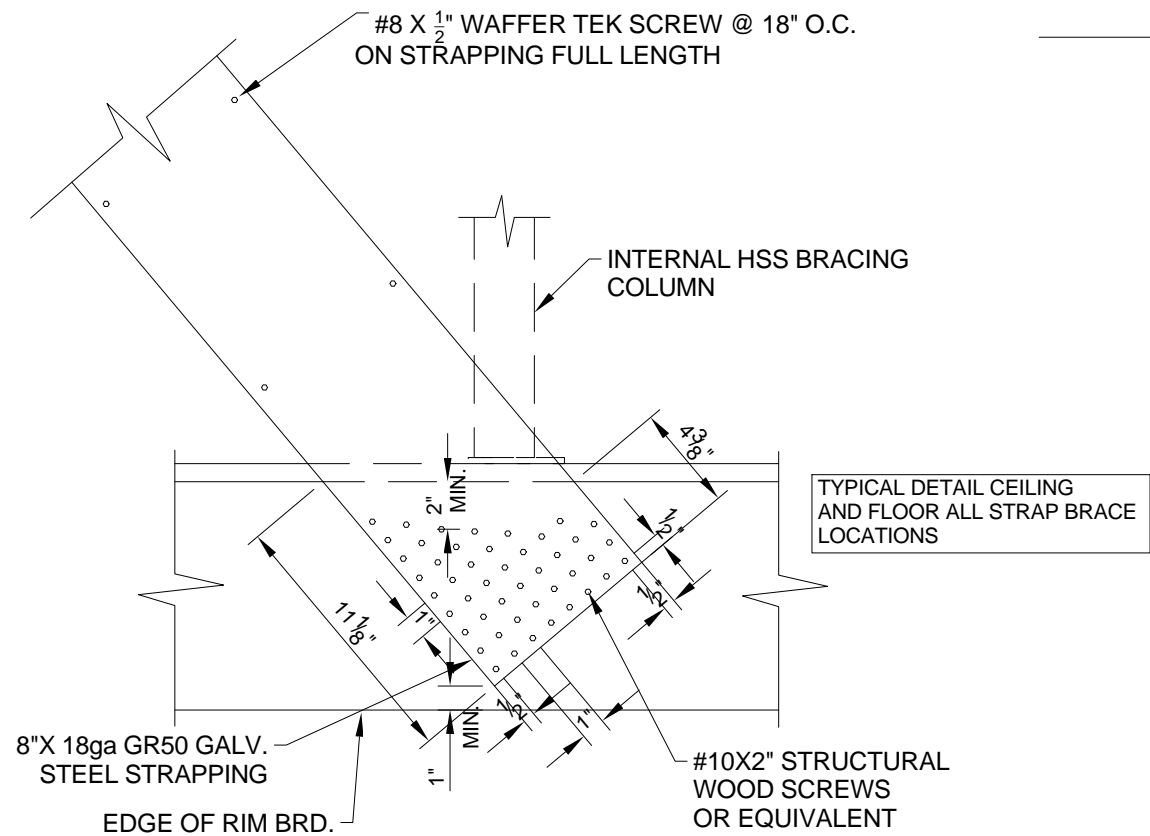
DRAWN BY		Author
CHECKED BY		Checker
REV	A	SCALE 3/16" = 1'-0"
DATE June 10th , 2019		

CLIENT	
PROJECT DESCRIPTION MERRITT FACILITY PHASE 1 POD 6	
ISSUED FOR REVIEW	

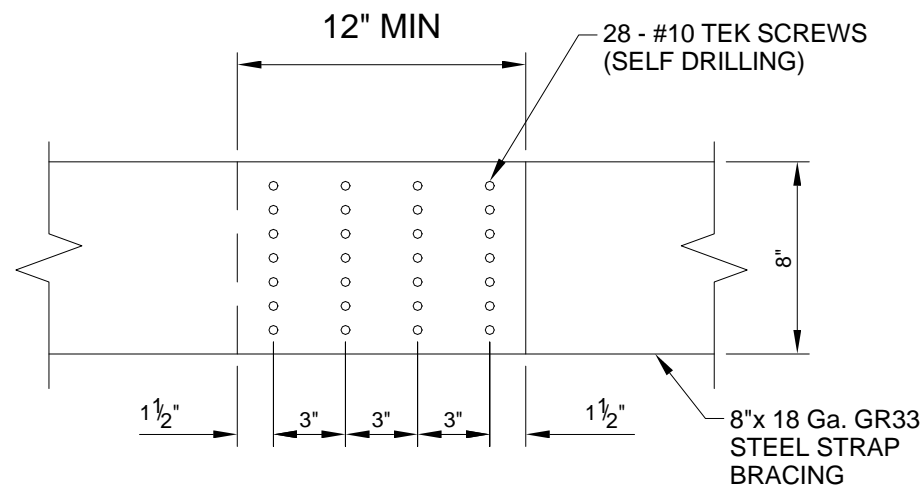
DWG TITLE	
ROOF PLAN	
MODULE TYPE	MODULE TYPE ID
24' X 60' GROW ROOM MODULE	GRAL

A	ISSUED FOR REVISION	SR	10/06/19		
No	REVISION DESCRIPTION	BY	DATE		

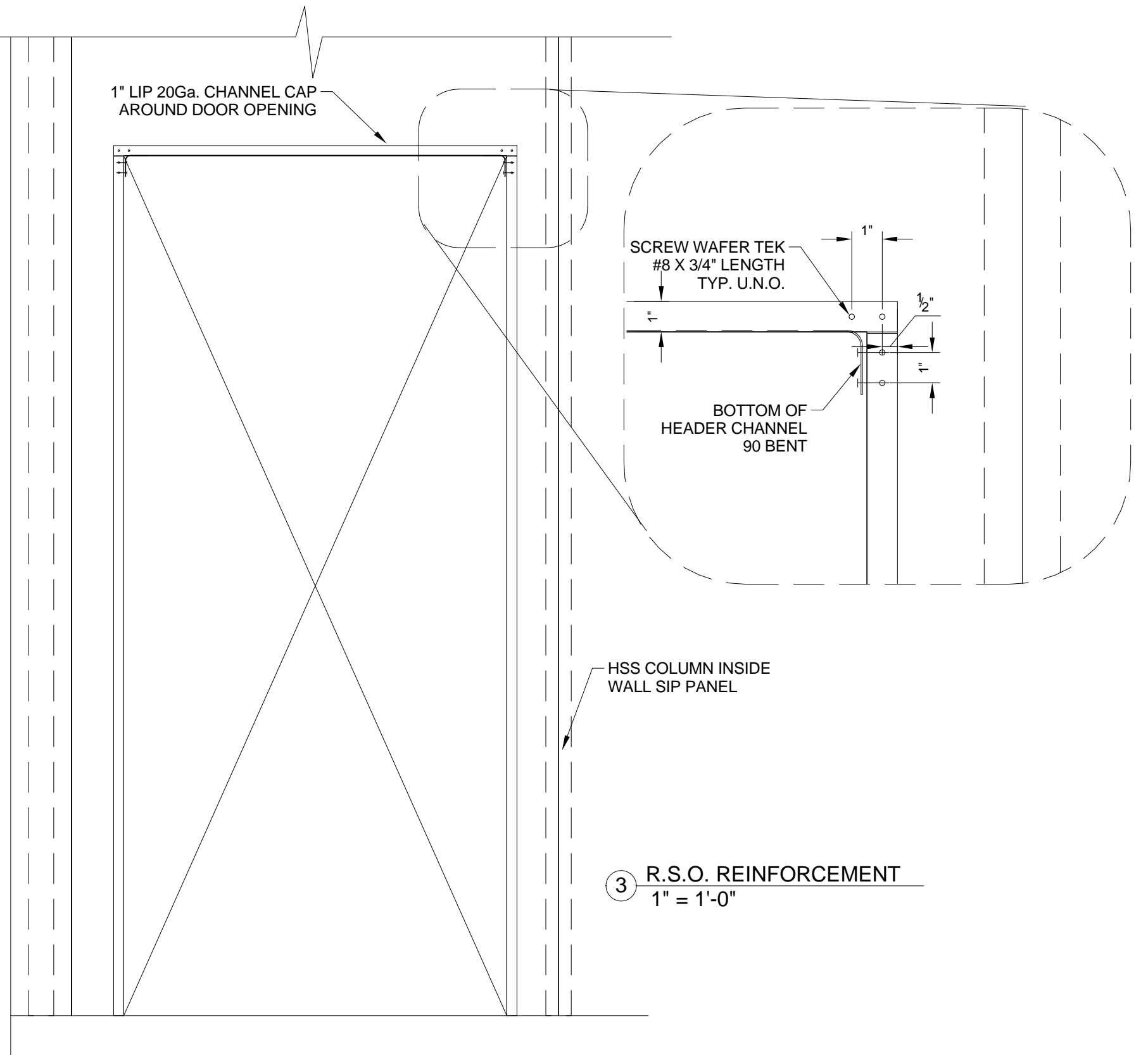
PROJECT NO.
PR-0640
DWG NO.
S-6.60-GRAL



① STRAP BRACING FASTENING  
1 1/2" = 1'-0"




② STRAP BRACING SPLICE DETAIL  
1 1/2" = 1'-0"

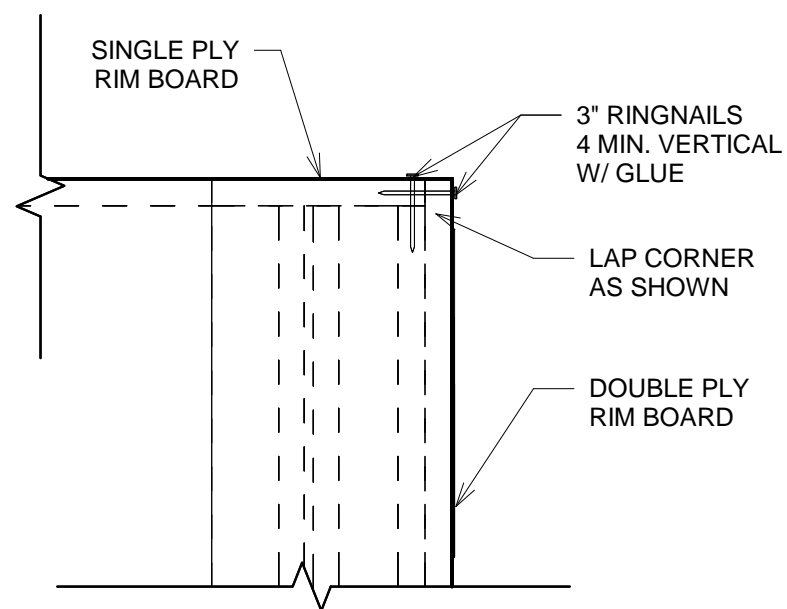


③ R.S.O. REINFORCEMENT  
1" = 1'-0"

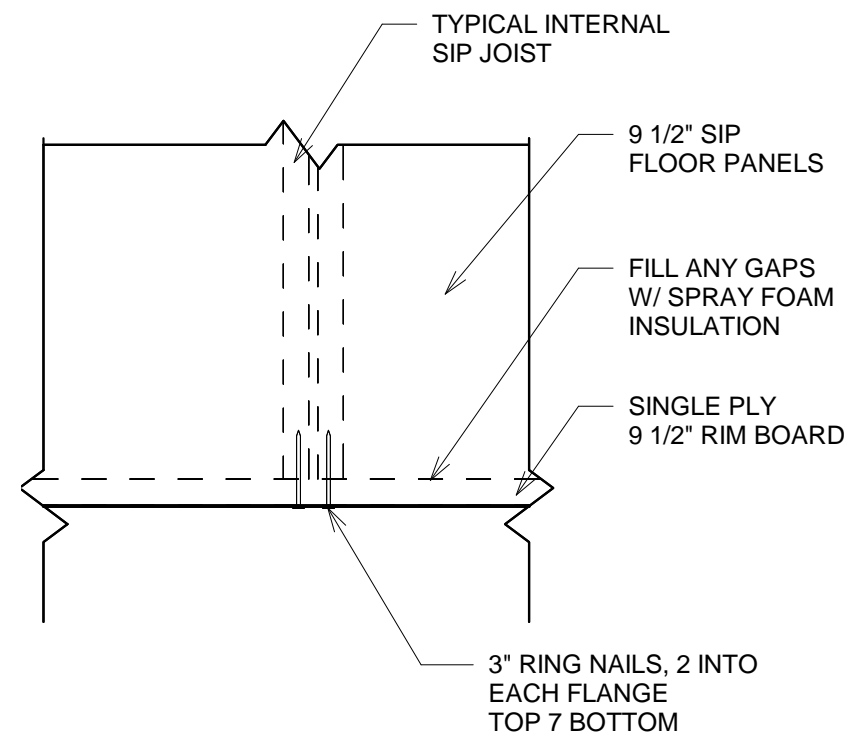
SCALE SHOWN IS APPLICABLE ONLY WHEN PLOTTED ON 11" X 17" SIZED SHEET

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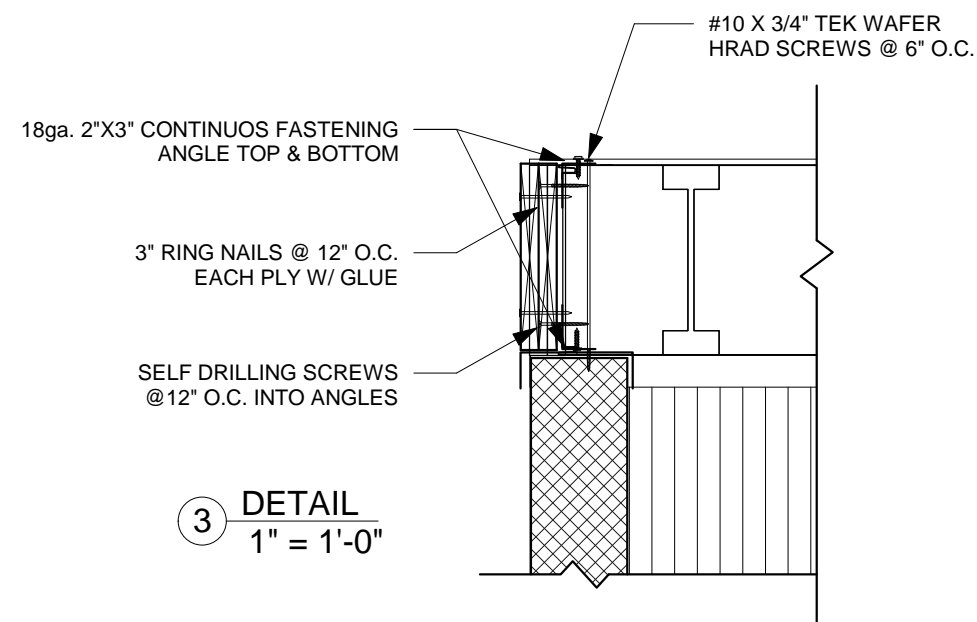
<div></div> <div>MODUS STRUCTURES INC. 34 McCOOL CRESCENT CROSSFIELD, AB</div> <div>PH. (403) 946-2508 FAX. (403) 946-3852 www.modusinc.ca</div>	DRAWN BY		Author	CLIENT	DWG TITLE						PROJECT NO.					
	CHECKED BY		Checker	PROJECT DESCRIPTION									WALL STRAPPING DETAILS		PR-0640	
	REV	A	SCALE	MERRITT FACILITY PHASE 1 POD 6									DWG NO.			
			As indicated	ISSUED FOR REVIEW	MODULE TYPE	MODULE TYPE ID					S-7.20-GRAL					
	DATE		June 10th, 2019		24' X 60' GROW ROOM MODULE	GRAL										
									</							



1 ROOF RIMBOARD CORNER DETAIL  
1 1/2" = 1'-0"



2 RIMBOARD TO ROOF JOIST DETAIL  
1 1/2" = 1'-0"



3 DETAIL  
1" = 1'-0"

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MODUS STRUCTURES INC. PH. (403) 946-2508  
34 McCOOL CRESCENT FAX. (403) 946-3852  
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REV	A
SCALE	As indicated
DATE	June 10th, 2019

CLIENT
PROJECT DESCRIPTION
MERRITT FACILITY PHASE 1 POD 6
<b>ISSUED FOR REVIEW</b>

DWG TITLE
ROOF - INSTALLATION DETAILS
MODULE TYPE
24' X 60' GROW ROOM MODULE
MODULE TYPE ID
GRAL

A	ISSUED FOR REVISION	SR	10/06/19
No	REVISION DESCRIPTION	BY	DATE

PROJECT NO.
PR-0640
DWG NO.
S-8.10-GRAL