

GAVIN | E | MOISER

DRAFTSMAN | 3D MODELER | DESIGNER

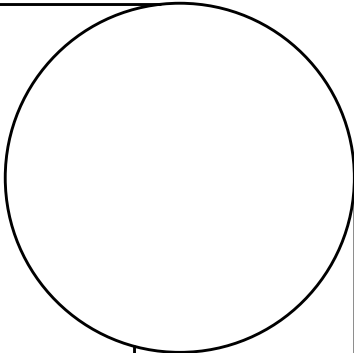


|*all work shown was done in REVIT and FUSION360*|

VALENCIA COMMUNITY COLLEGE

| ARCHITECTURAL COURSE |

2900 SF HOME DESIGN

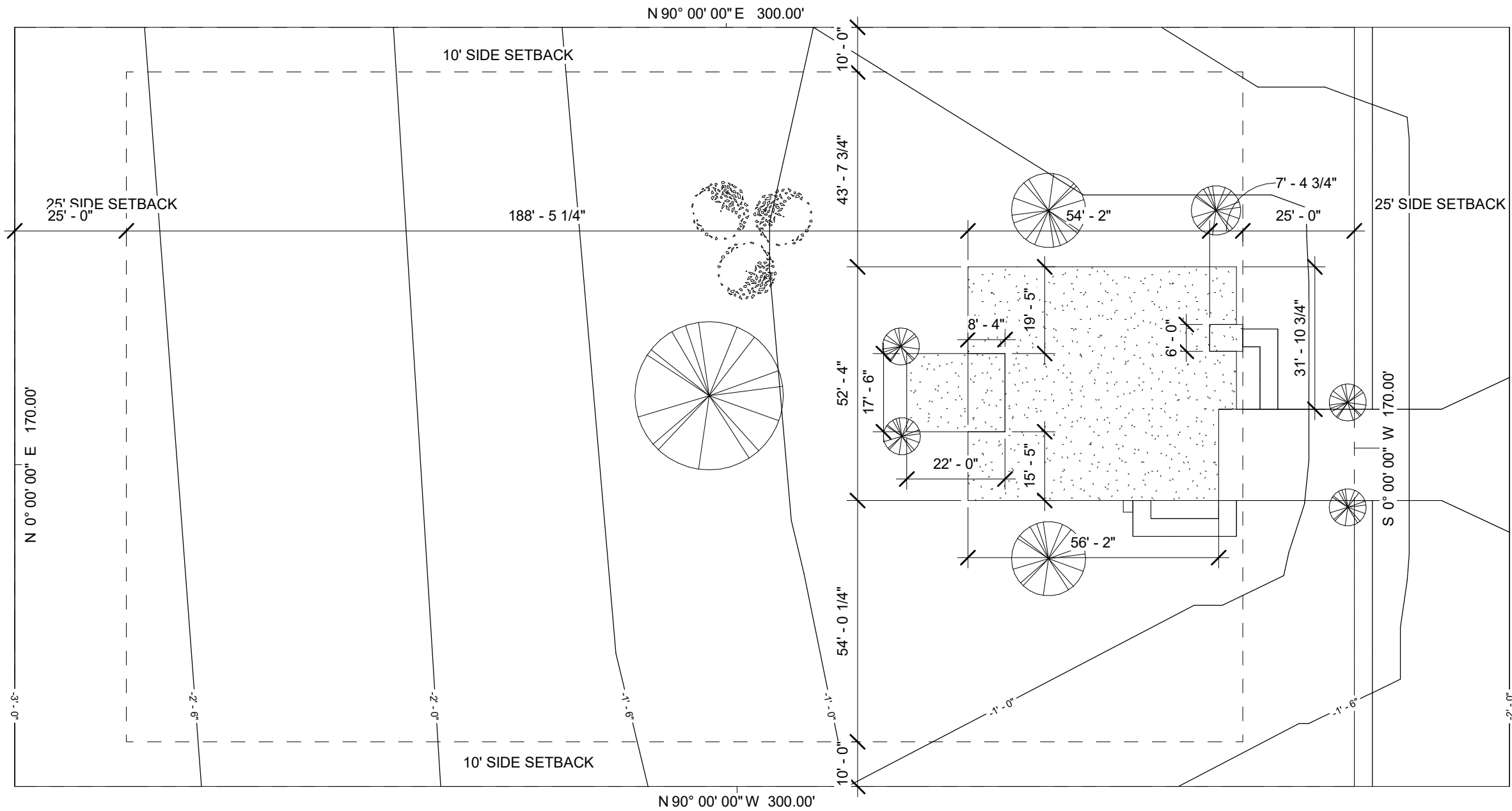


Mosier Home Design
2900 SF

Site Plan	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	1 : 300

SHEET

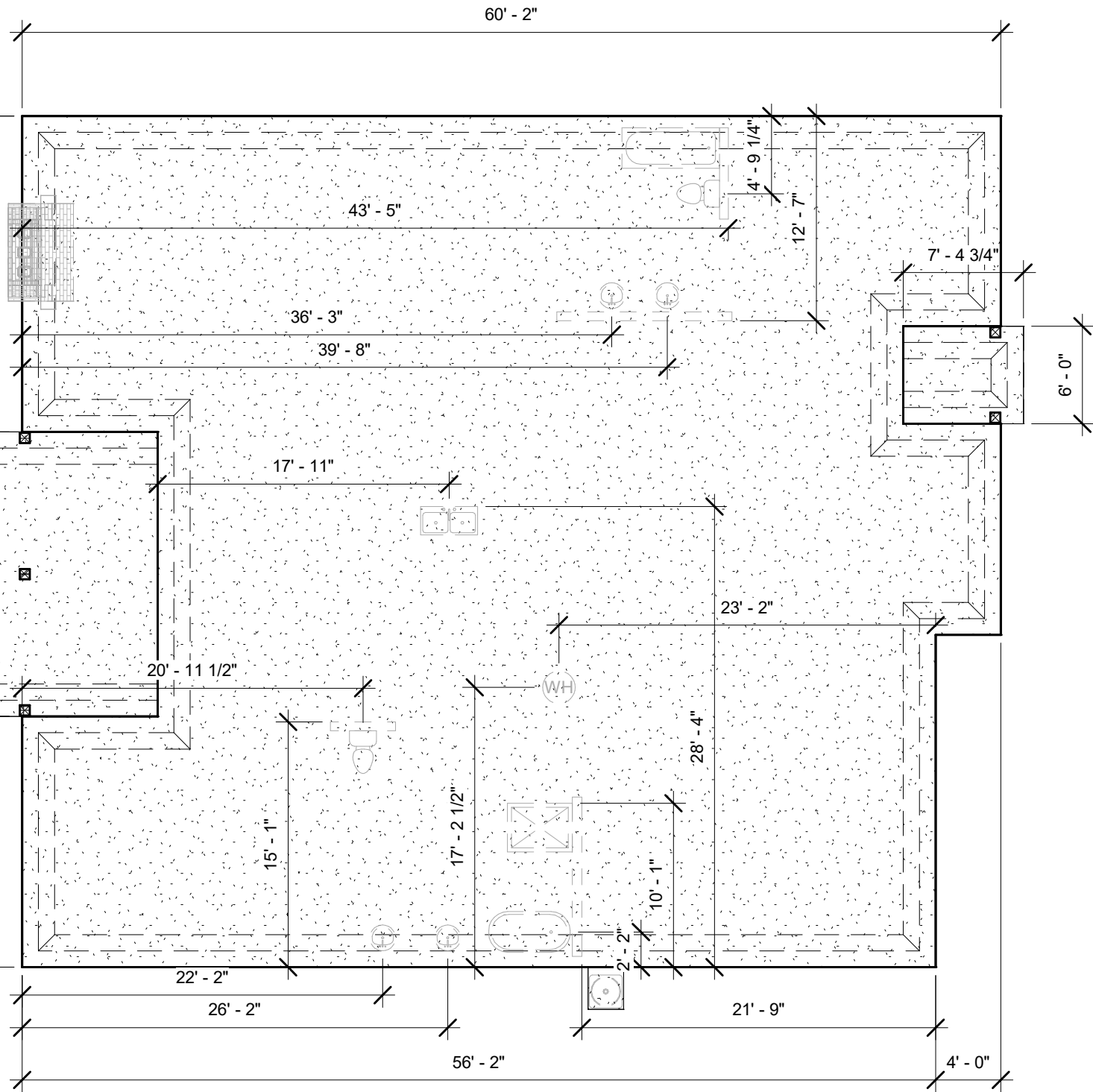
A101



1

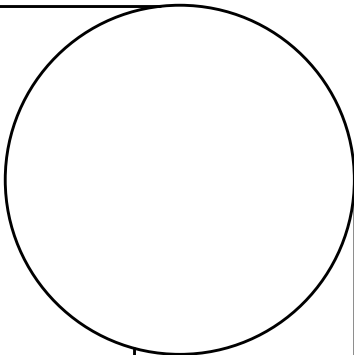
Site
1 : 300

1 Foundation Plan
1/8" = 1'-0"



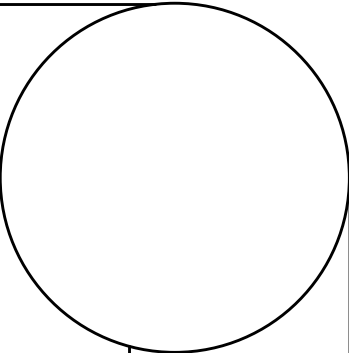
NOTES:

- SLAB MATERIAL IS 4" CAST-IN-PLACE CONCRETE



Mosier Home Design
2900 SF

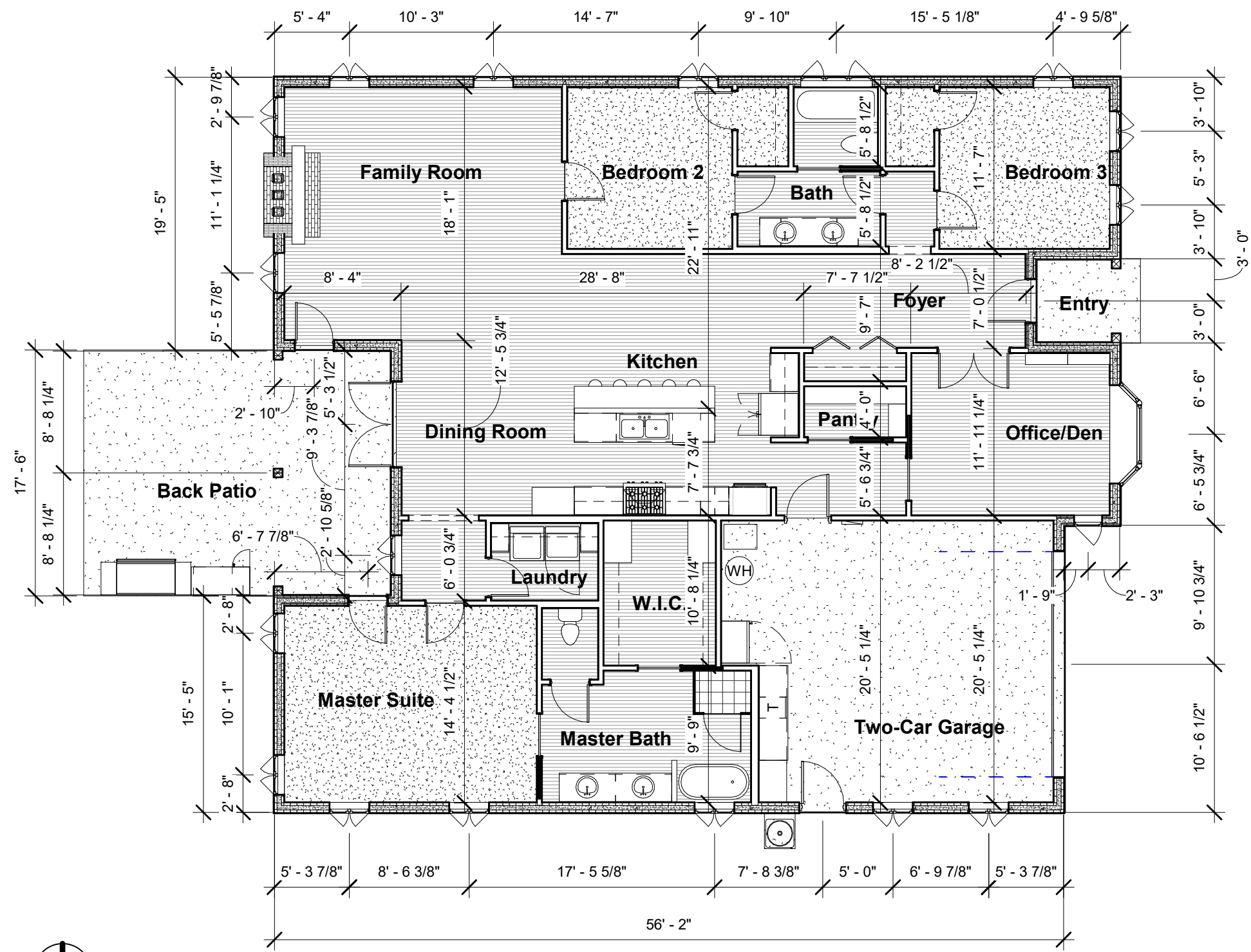
Foundation Plan	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	1/8" = 1'-0"
SHEET	
A102	



Mosier Home Design

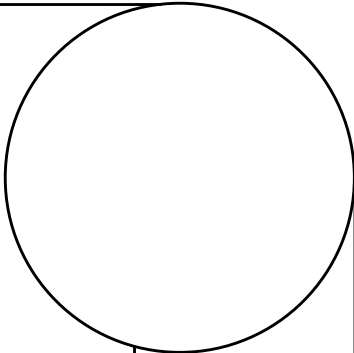
2900 SF

Floor Plan	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	1/8" = 1'-0"
SHEET	
A103	



1

Floor Plan
1/8" = 1'-0"



Mosier Home Design

2900 SF

Front Elevation	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	3/16" = 1'-0"
SHEET	
A201	

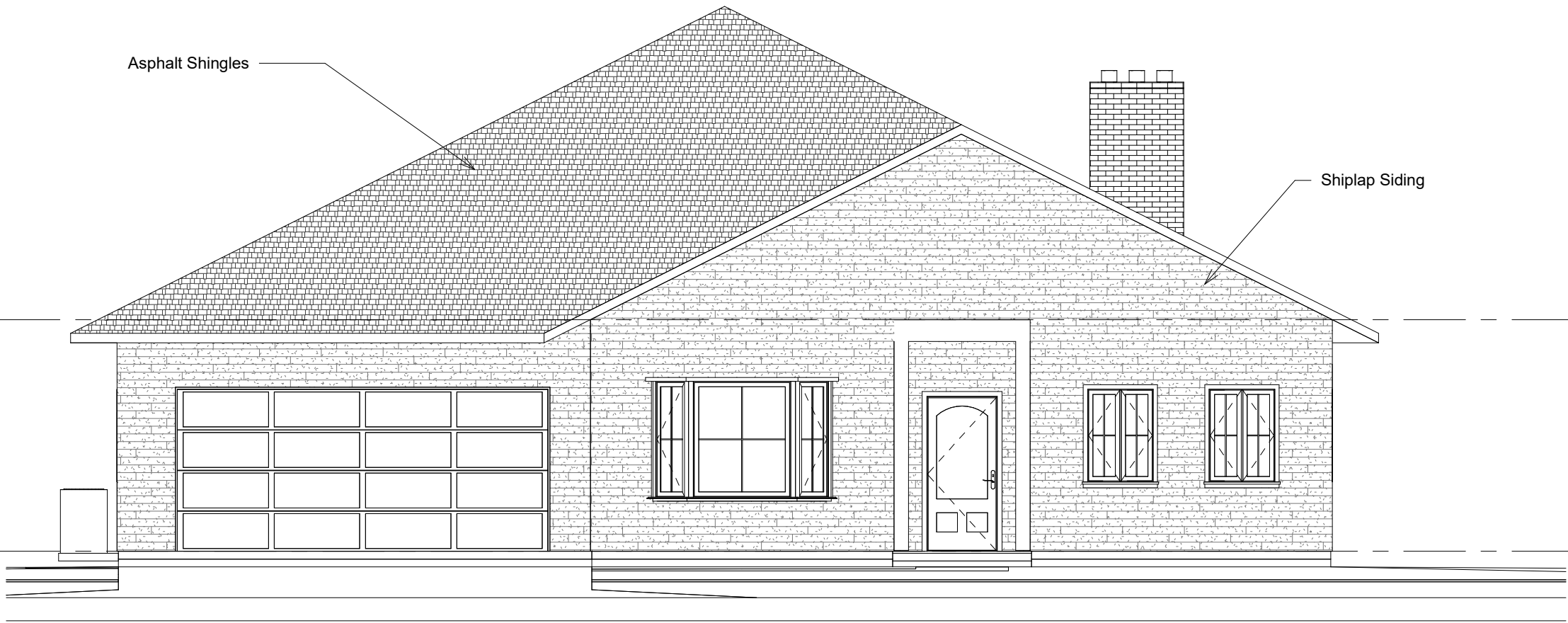
Asphalt Shingles

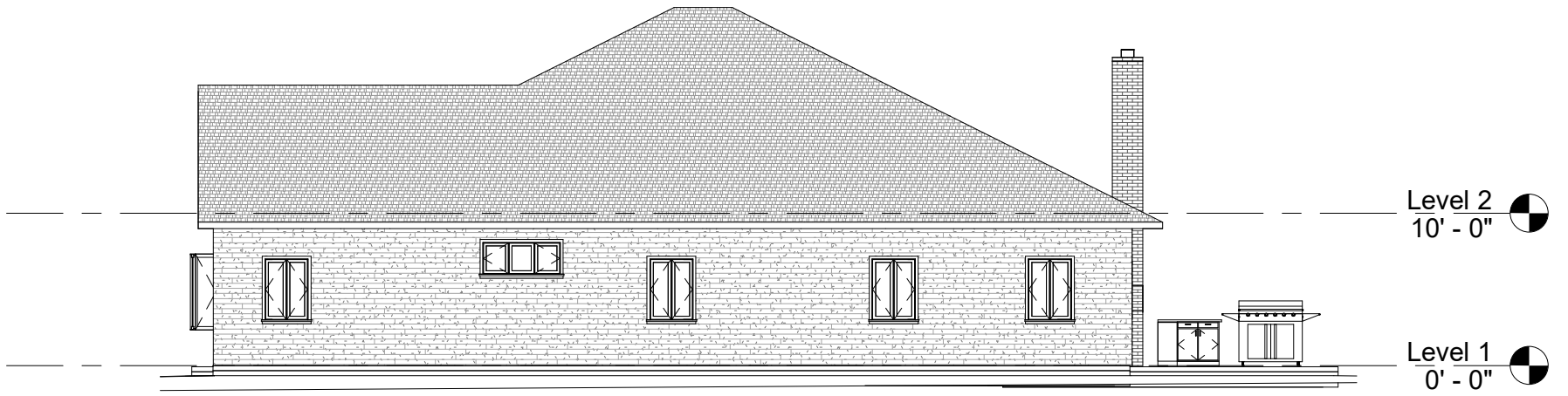
Shiplap Siding

Level 2
10' - 0"

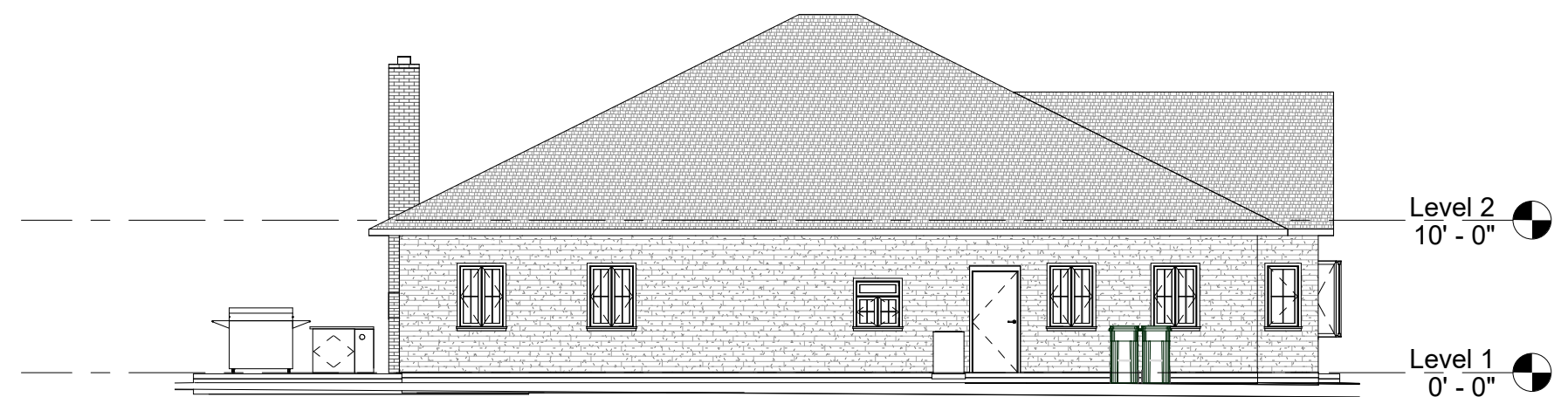
Level 1
0' - 0"

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





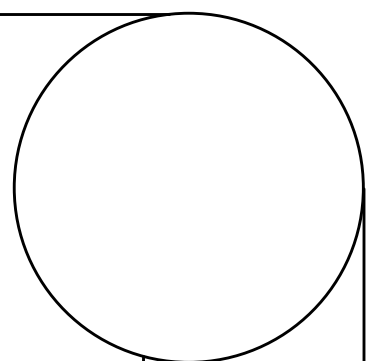
① North
1" = 10'-0"



② South
1" = 10'-0"

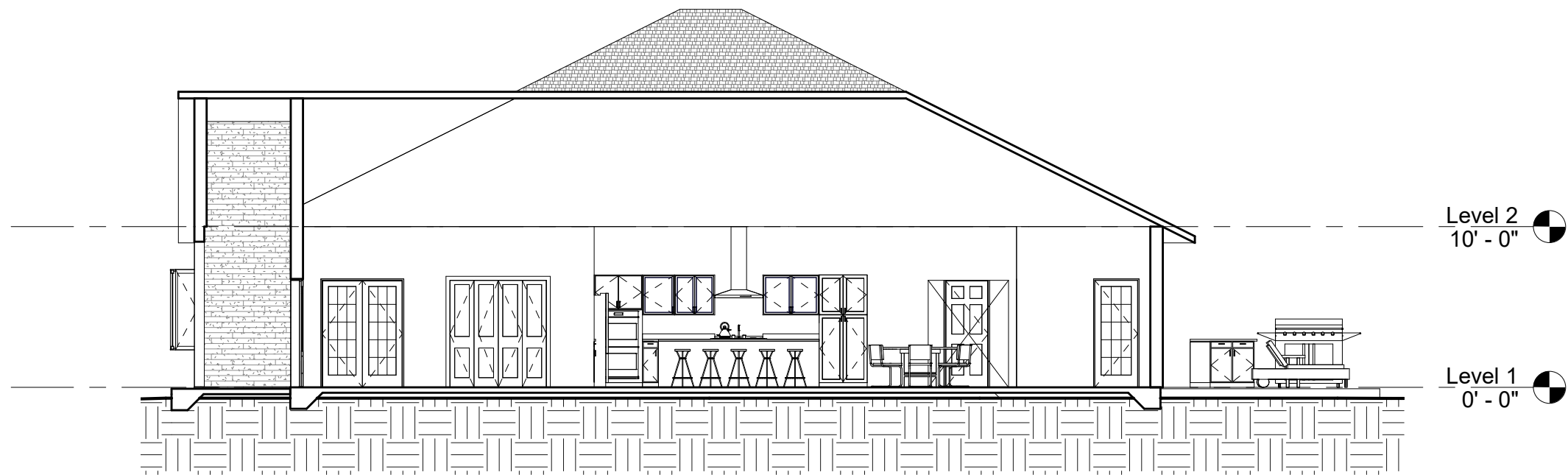


③ West
1" = 10'-0"

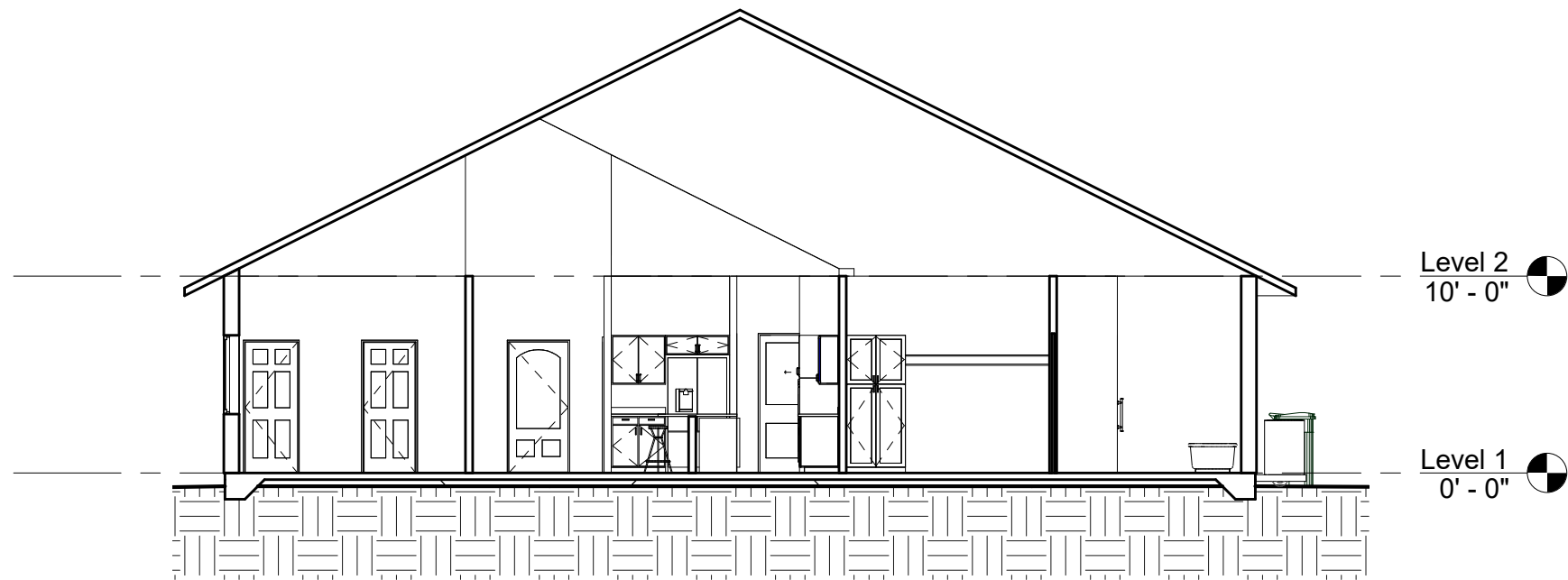


Mosier Home Design
2900 SF

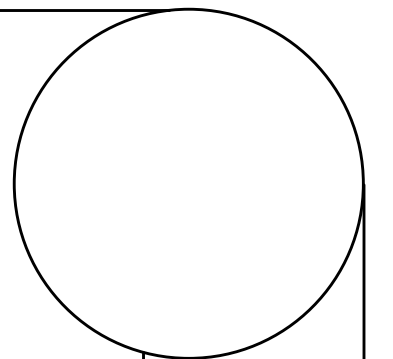
Side/Rear Elevation	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	1" = 10'-0"
SHEET A202	



① Section 1 - East to West
1/8" = 1'-0"



② Section 2 - North to South
1/8" = 1'-0"

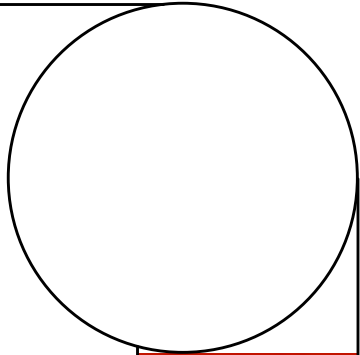
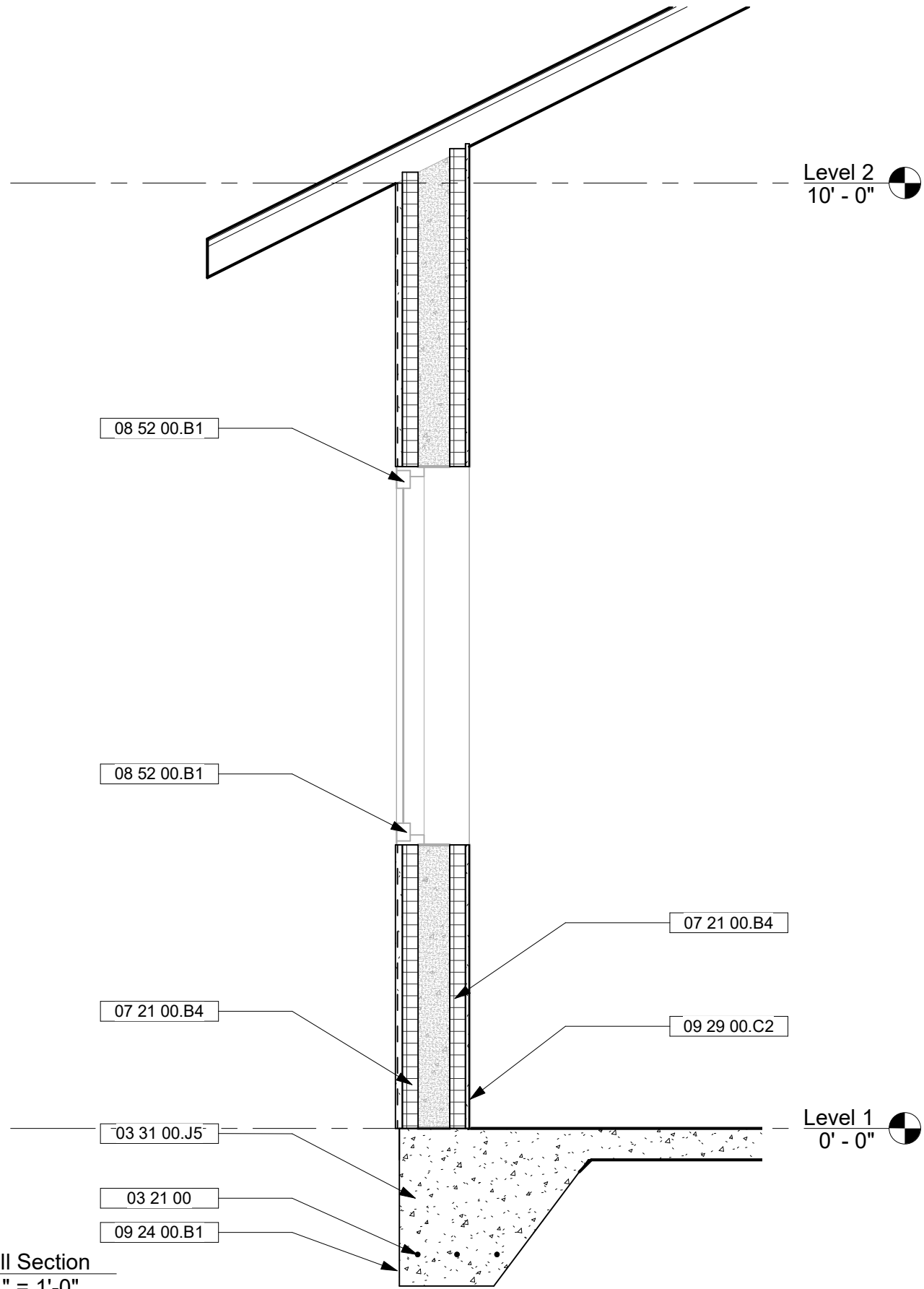


V

Mosier Home Design
2900 SF

Building Section	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	1/8" = 1'-0"
SHEET	
A301	

1 Wall Section
3/4" = 1'-0"



Mosier Home Design
2900 SF

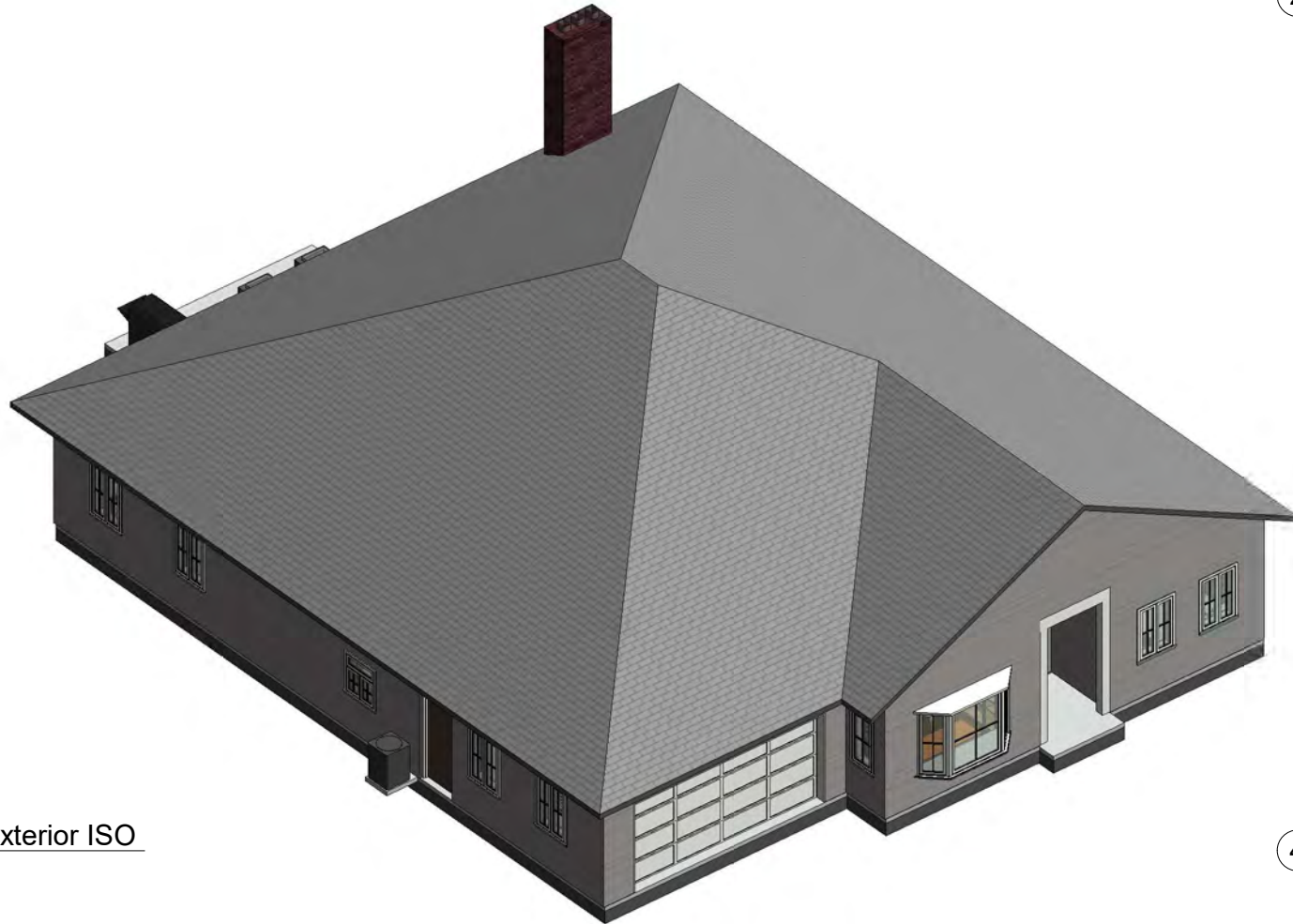
Wall Section	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	3/4" = 1'-0"
SHEET A302	



① Interior Kitchen



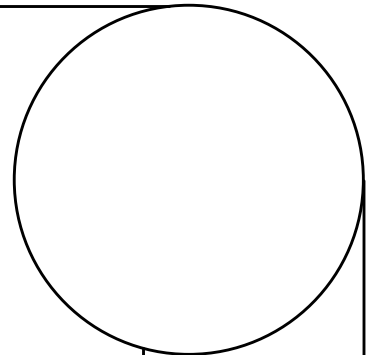
② Interior Family Room



③ Exterior ISO



④ Exterior Back Patio

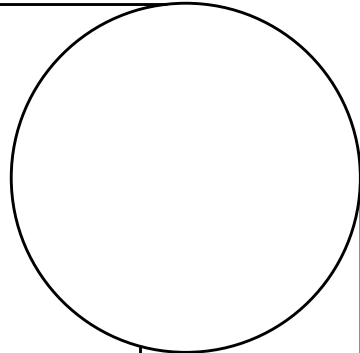
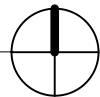


Mosier Home Design
2900 SF

Cover Sheet	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	
SHEET G100	

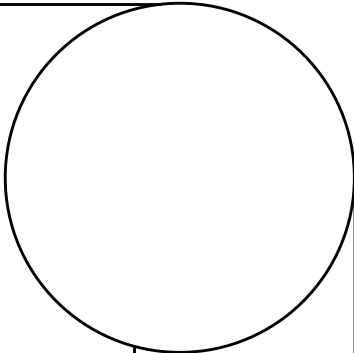


1 Furniture Plan
1/8" = 1'-0"



Mosier Home Design
2900 SF

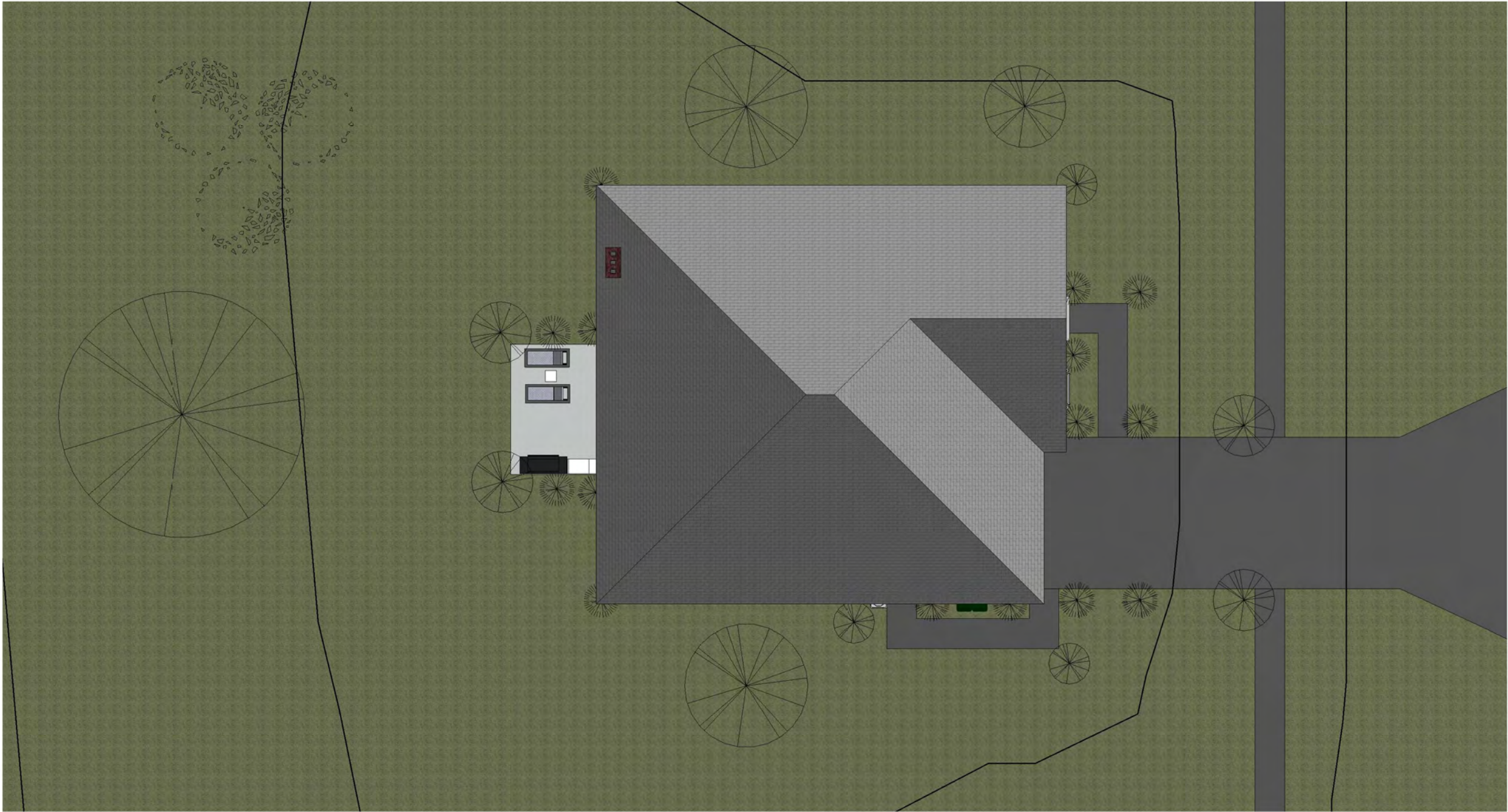
Furniture Plan	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	1/8" = 1'-0"
SHEET	
I101	



Mosier Home Design

2900 SF

Lanscaping Plan	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	1 : 175
SHEET	
L101	



1 Landscaping Plan
1 : 175

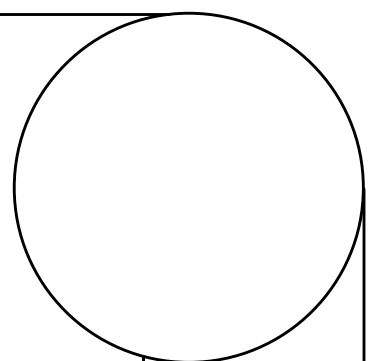
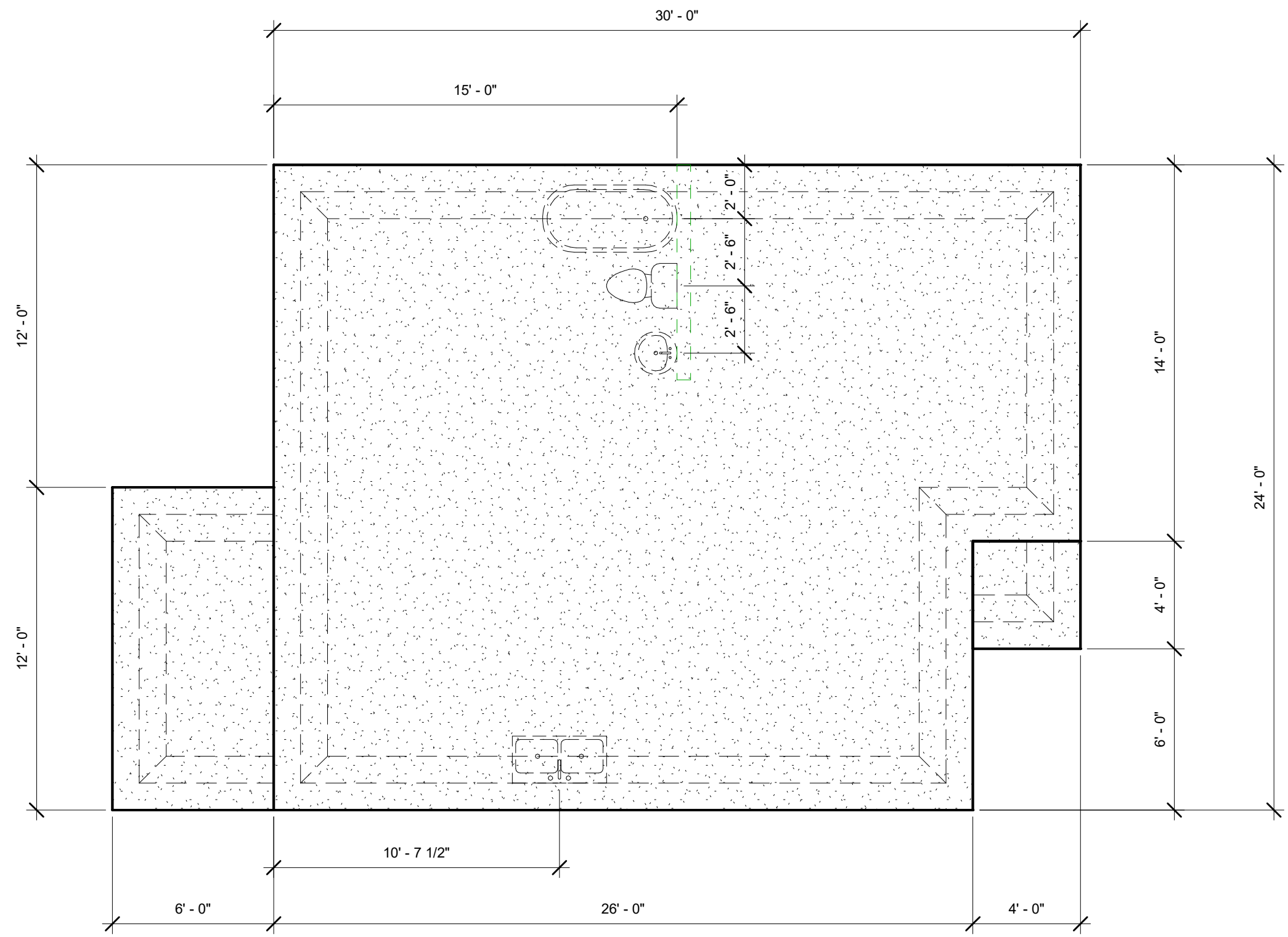
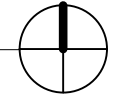


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| ARCHITECTURAL COURSE |

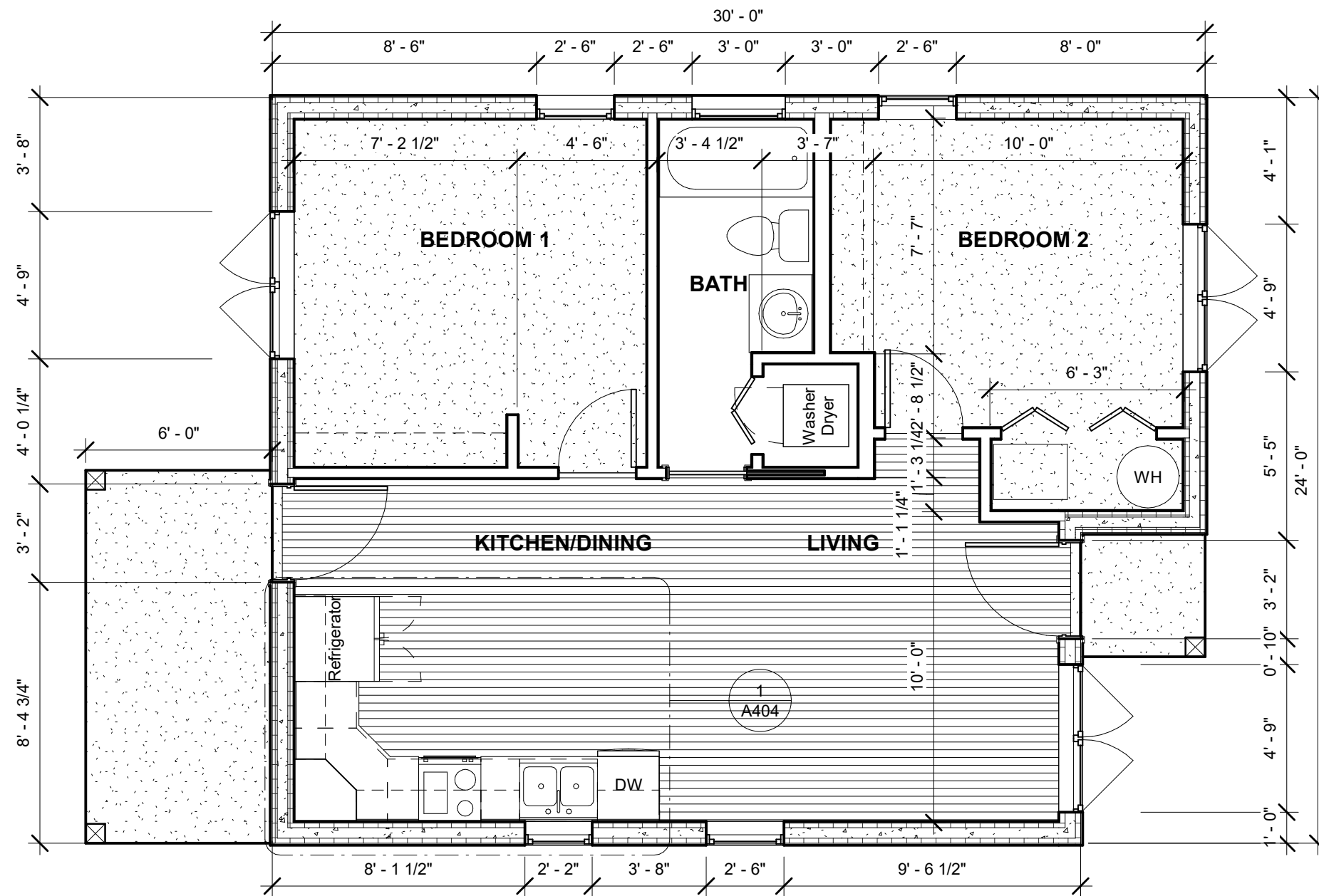
2 BR 1 BA COTTAGE DESIGN

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

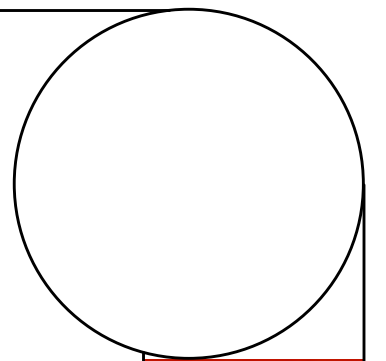


VALENCIA COLLEGE COTTAGE

Foundation Plan	
Project #	2020-02
Date	05/22/2020
Drawn by	G. MOSIER
Checked by	A. RAY
Scale	1/4" = 1'-0"
SHEET S101	



① LEVEL 1
1/4" = 1'-0"

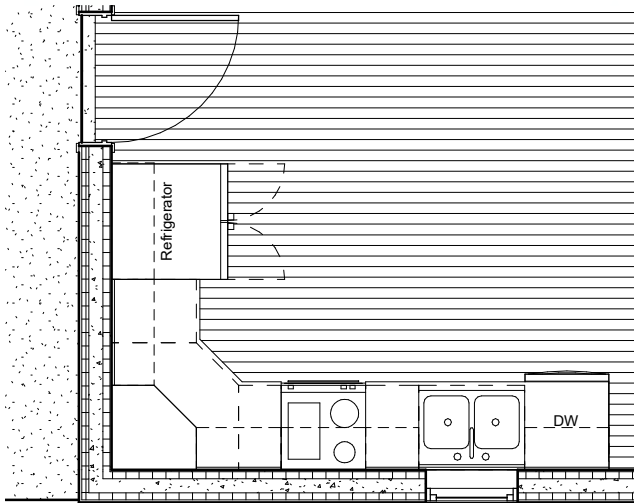


VALENCIA COLLEGE COTTAGE

FLOOR PLAN	
Project #	2020-02
Date	06/06/2020
Drawn by	G. MOSIER
Checked by	A. RAY
Scale	1/4" = 1'-0"
SHEET	
A103	



② 3D - KITCHEN VIEW



① KITCHEN PLAN
3/8" = 1'-0"



③ KIT-S
3/8" = 1'-0"

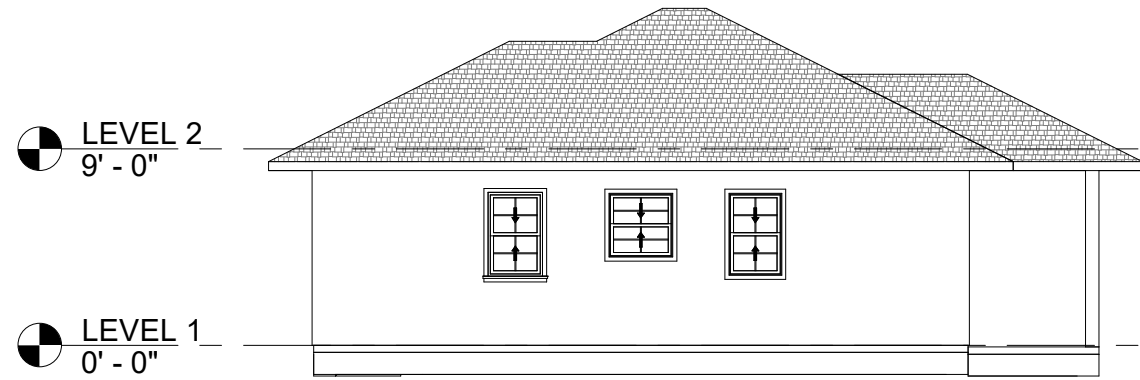


④ KIT-W
3/8" = 1'-0"

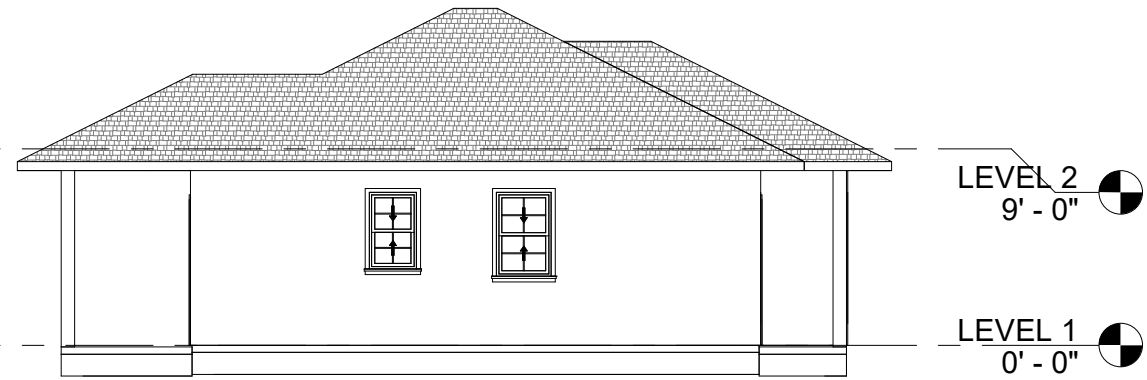
V

VALENCIA COLLEGE
COTTAGE

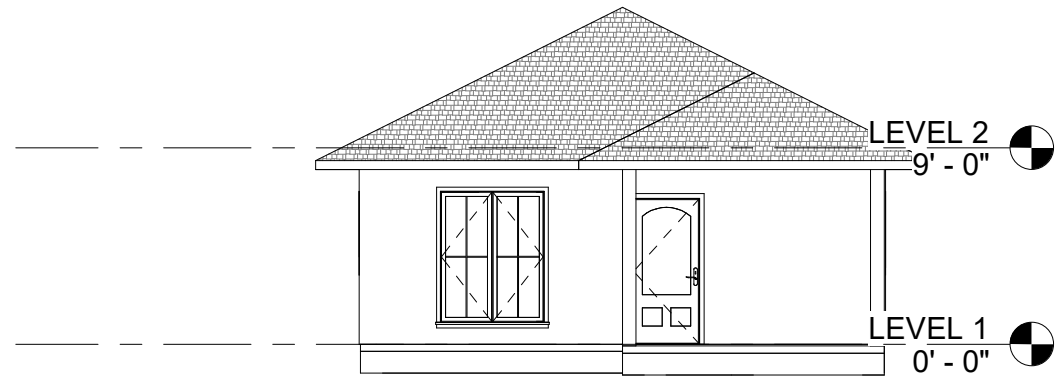
KITCHEN PLAN	
Project #	2020-02
Date	06/06/2020
Drawn by	G. MOSIER
Checked by	A. RAY
Scale	3/8" = 1'-0"
SHEET A404	



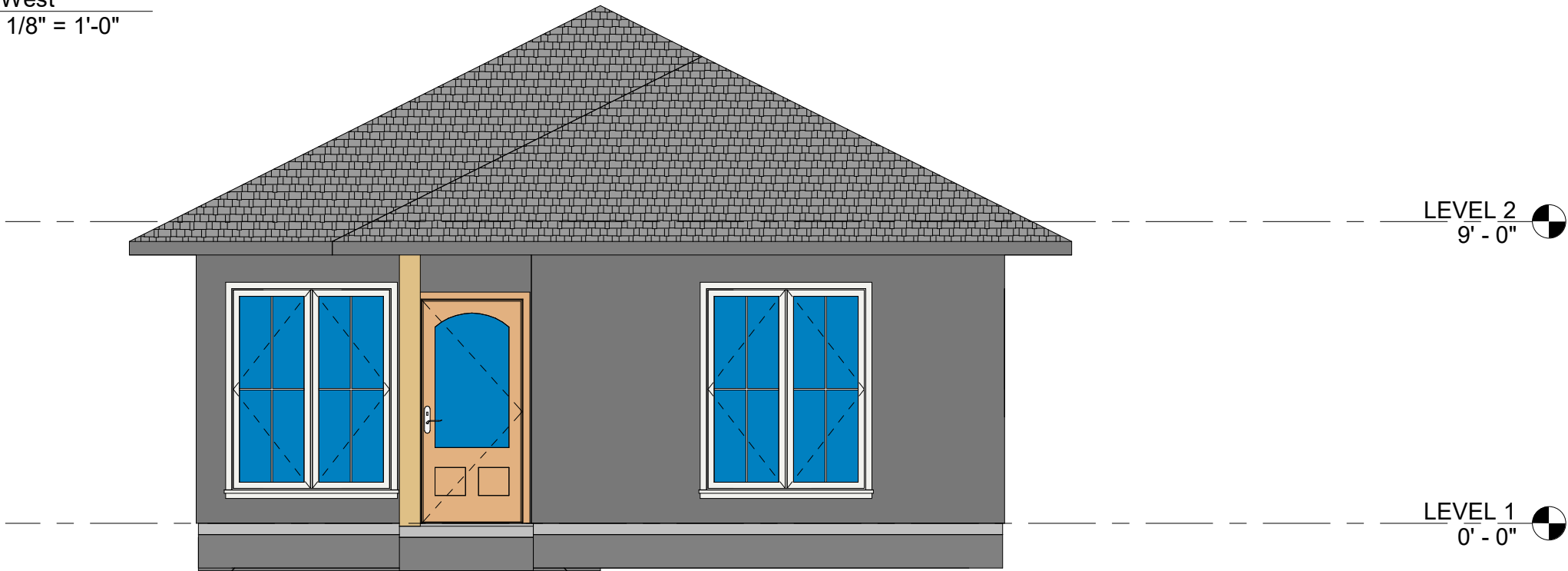
② North
1/8" = 1'-0"



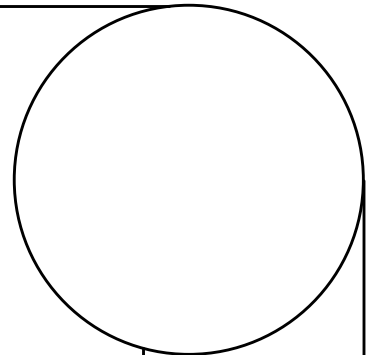
③ South
1/8" = 1'-0"



④ West
1/8" = 1'-0"



① East
1/4" = 1'-0"



VALENCIA COLLEGE
COTTAGE

ELEVATIONS	
Project #	2020-02
Date	06/06/2020
Drawn by	G. MOSIER
Checked by	A. RAY
Scale	As indicated
SHEET	
A201	

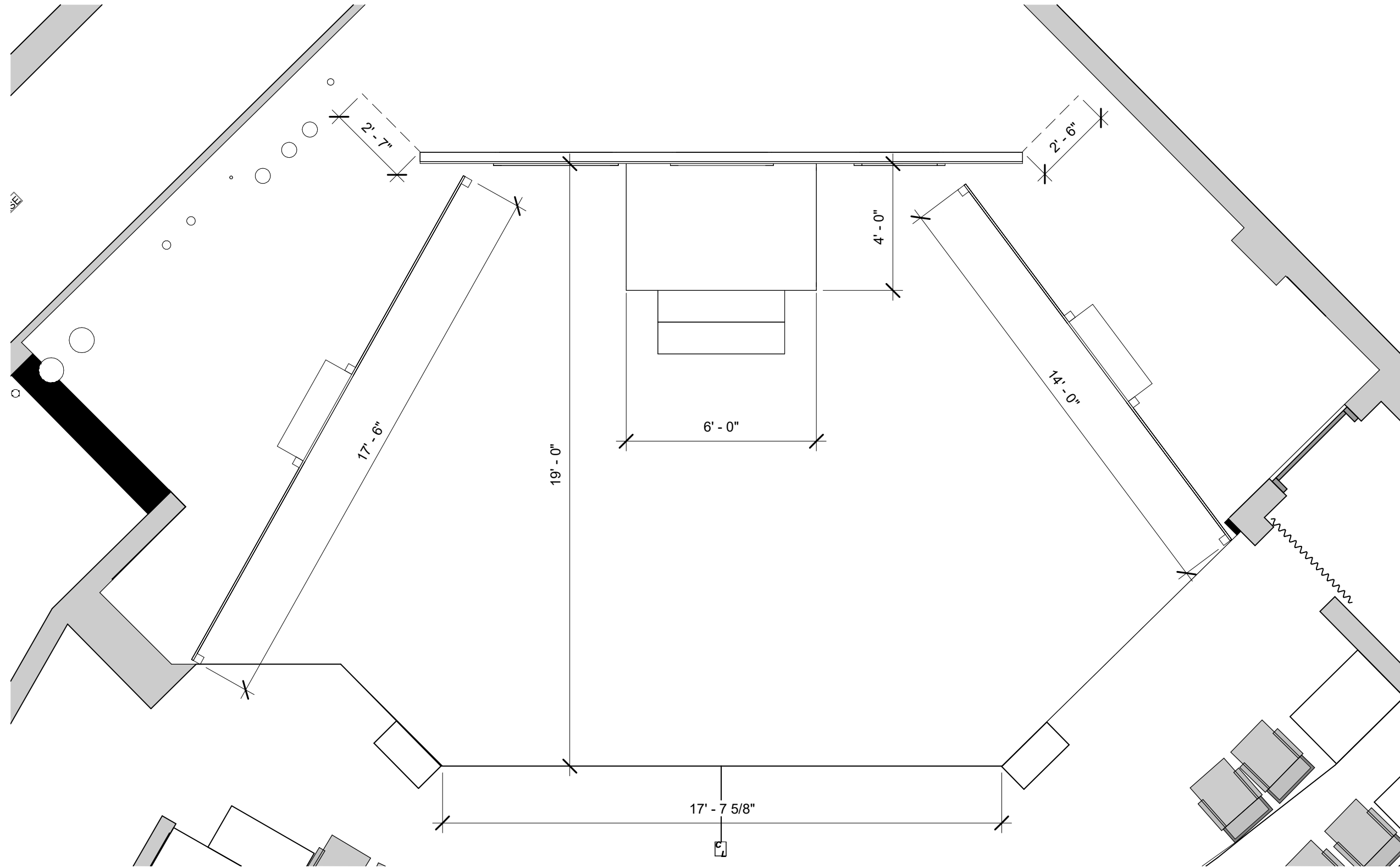
THEATRICAL DESIGN WORK

| REGIONAL 3D MODELING WORK |

DESIGNED FOR:

ALL MY SONS at Mad Cow Theatre

Orlando, FL



1 TD_SCENIC GROUND PLAN
1 : 40

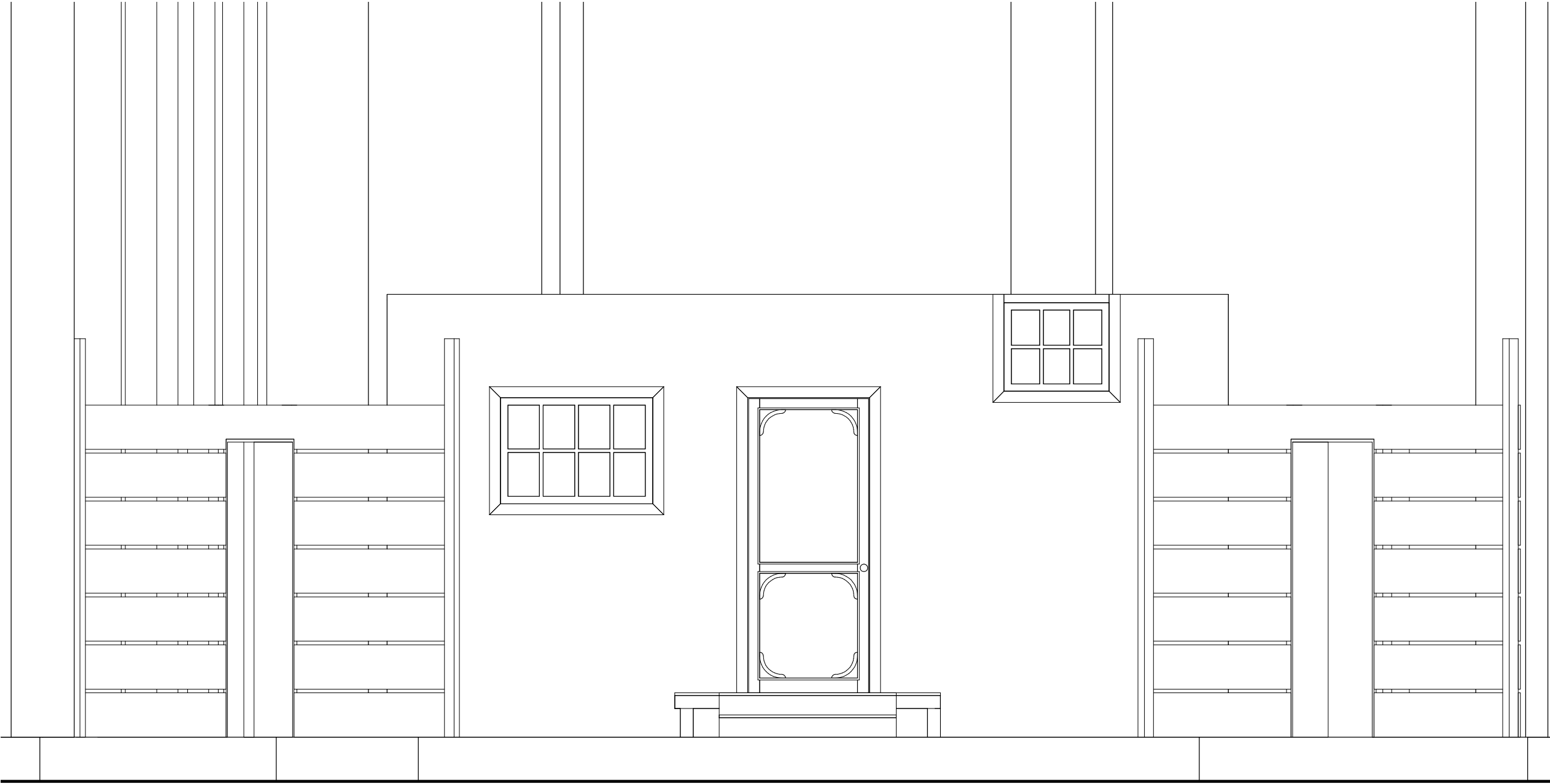
DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

No.	Description	Date

SCENIC GROUND PLAN		
Date		03/03/2020
Drawn by		Author
Checked by		Checker
TD-101		Scale 1 : 40



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

DESIGNED BY:

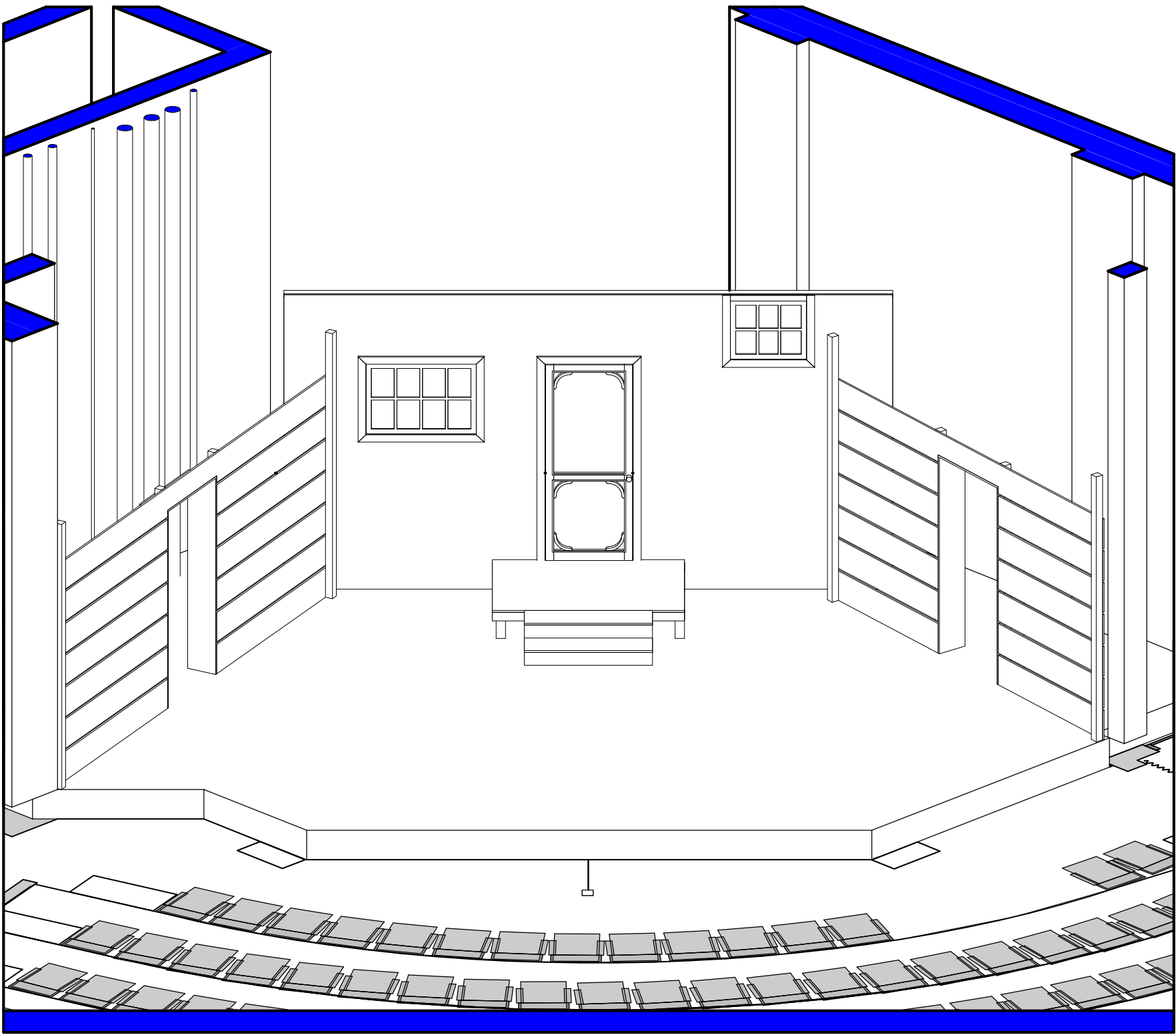
A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

No.	Description	Date

SCENIC ELEVATION		
Date		03/03/2020
Drawn by		Author
Checked by		Checker
		Scale 3/8" = 1'-0"

TD-102



1 3D - KELLER BACK PORCH

DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

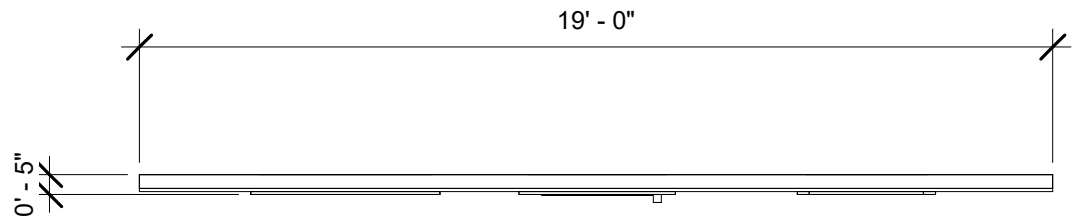
No.	Description	Date

SCENIC 3D VIEW

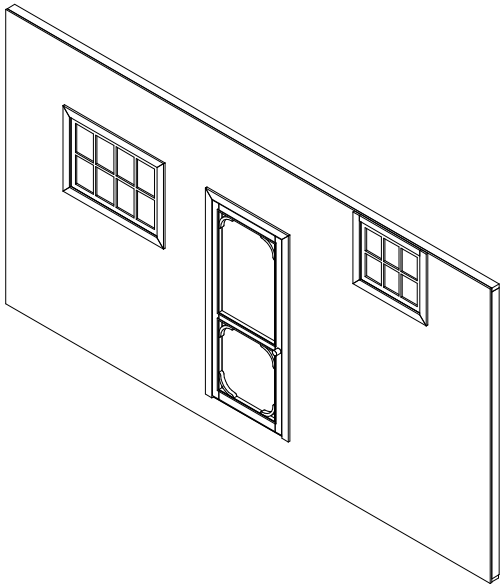
Date 03/03/2020
Drawn by Author
Checked by Checker

TD-103

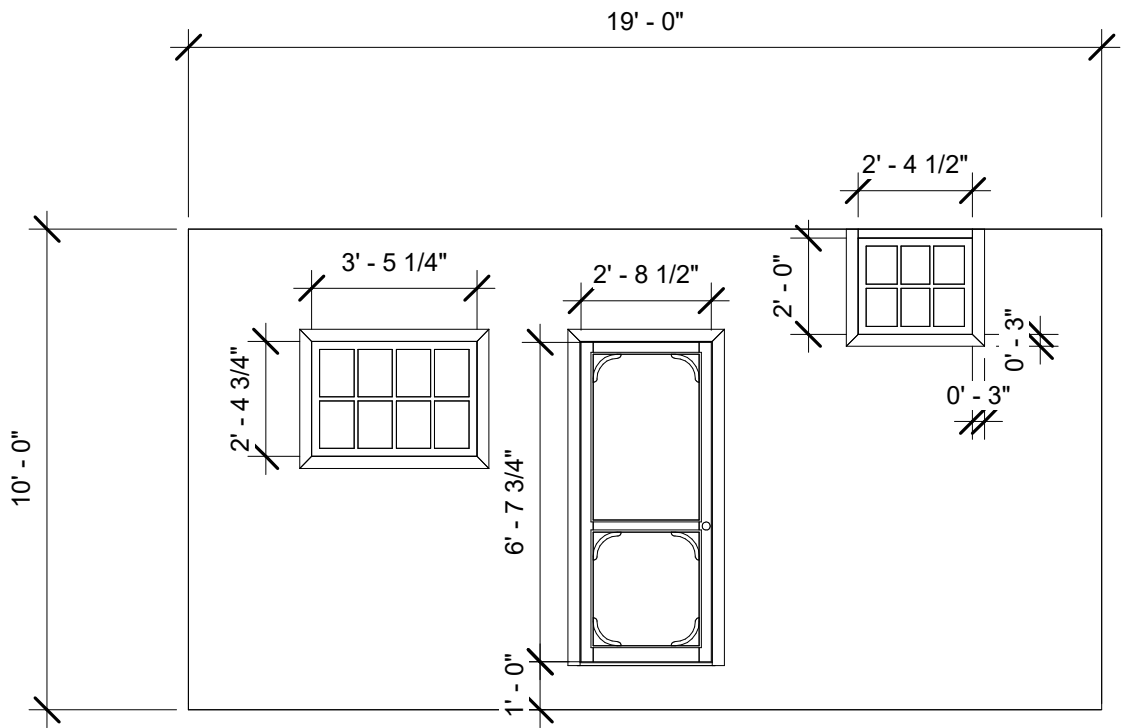
Scale



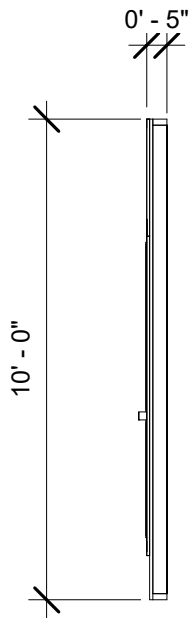
1 Elevation Top
1/4" = 1'-0"



2 3D Ortho



3 Elevation Front
1/4" = 1'-0"



4 Elevation Right
1/4" = 1'-0"

- NOTES:
- FINAL DOOR / WINDOW MEASUREMENTS TBD
 - FINAL BUILD DRAWINGS WILL DETAIL SUGGESTED BACK WALL CONSTRUCTION AND MATERIALS

DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

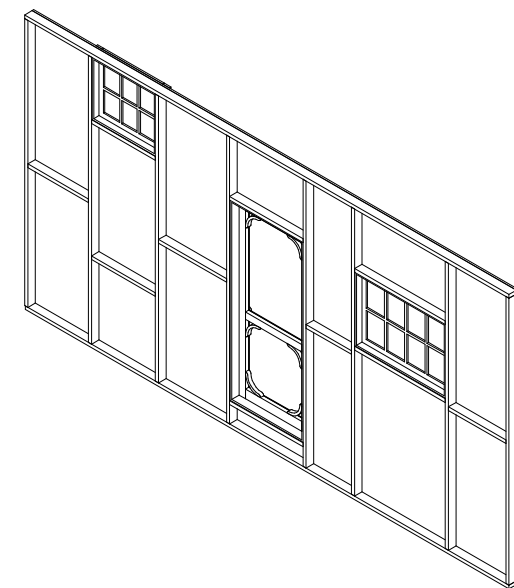
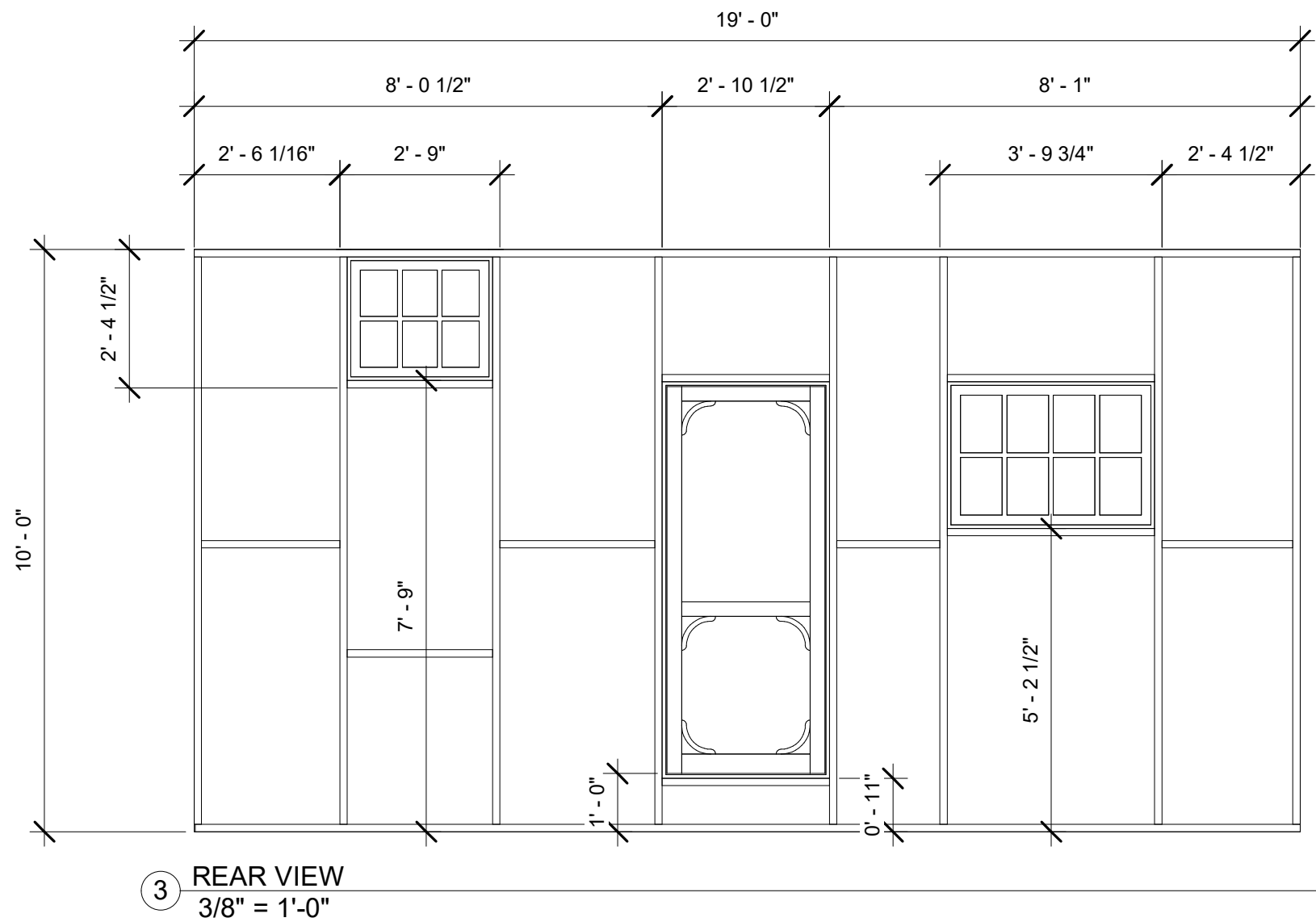
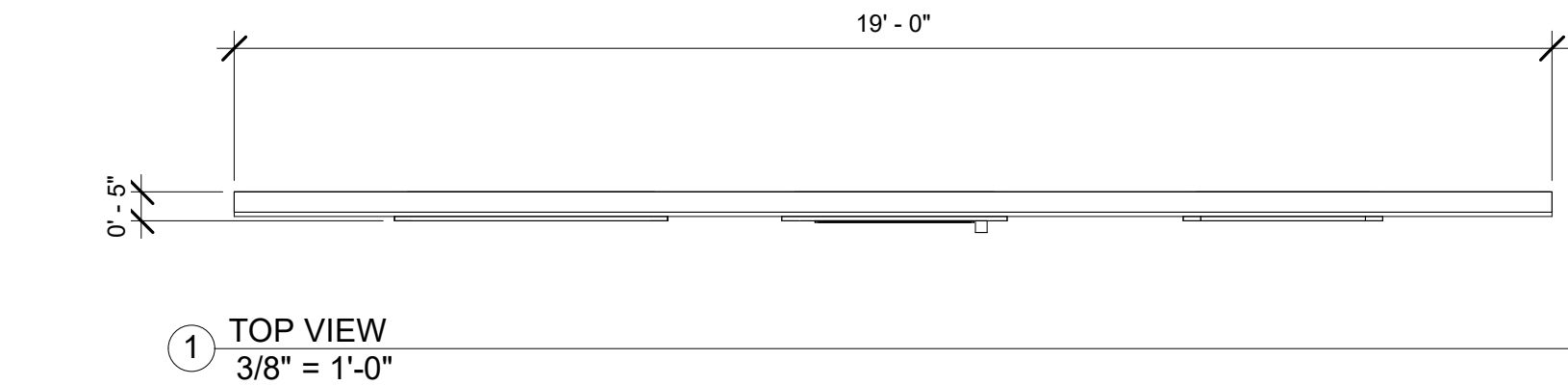
No.	Description	Date

SKRIM WALL ELEVATION

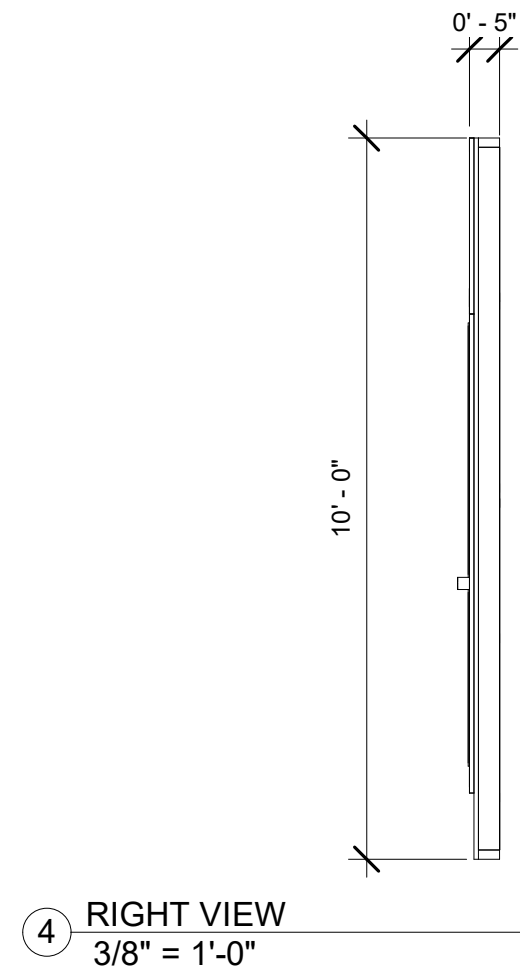
Date 03/03/2020
Drawn by Author
Checked by Checker

TD-104

Scale 1/4" = 1'-0"



2 ISOMETRIC VIEW



DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

No.	Description	Date

SKRIM WALL STRUCTURAL

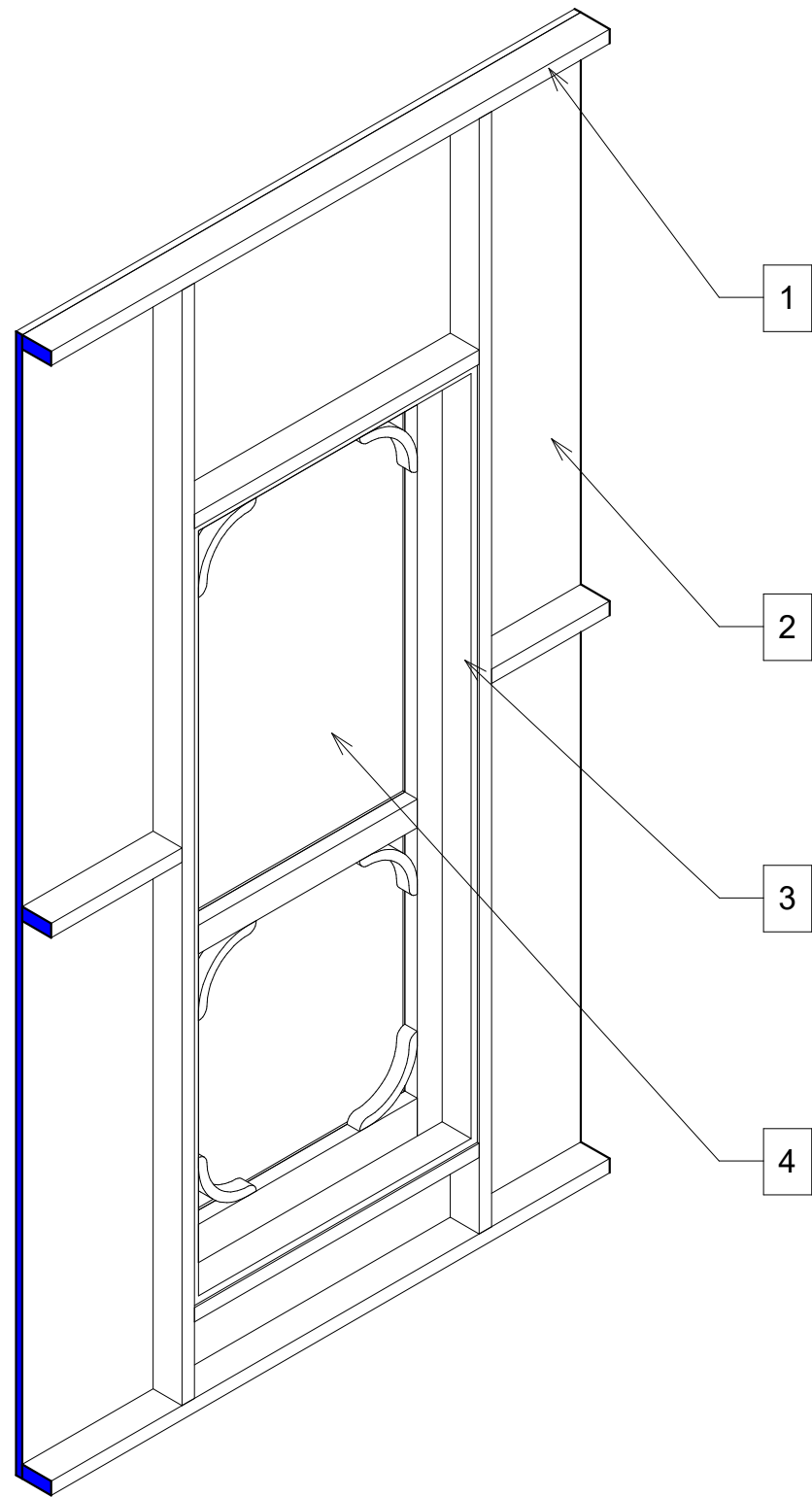
Date 03/03/2020

Drawn by Author

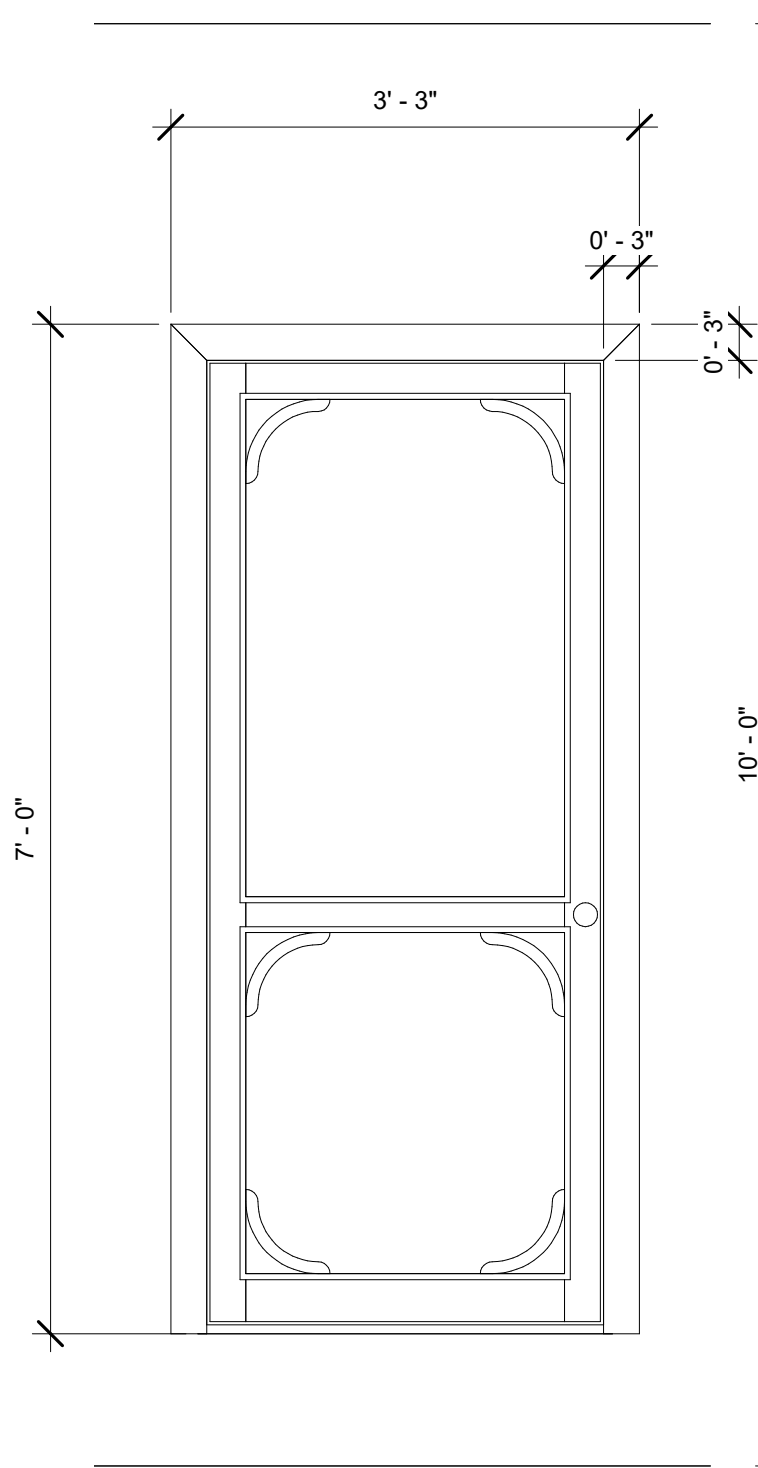
Checked by Checker

TD-105

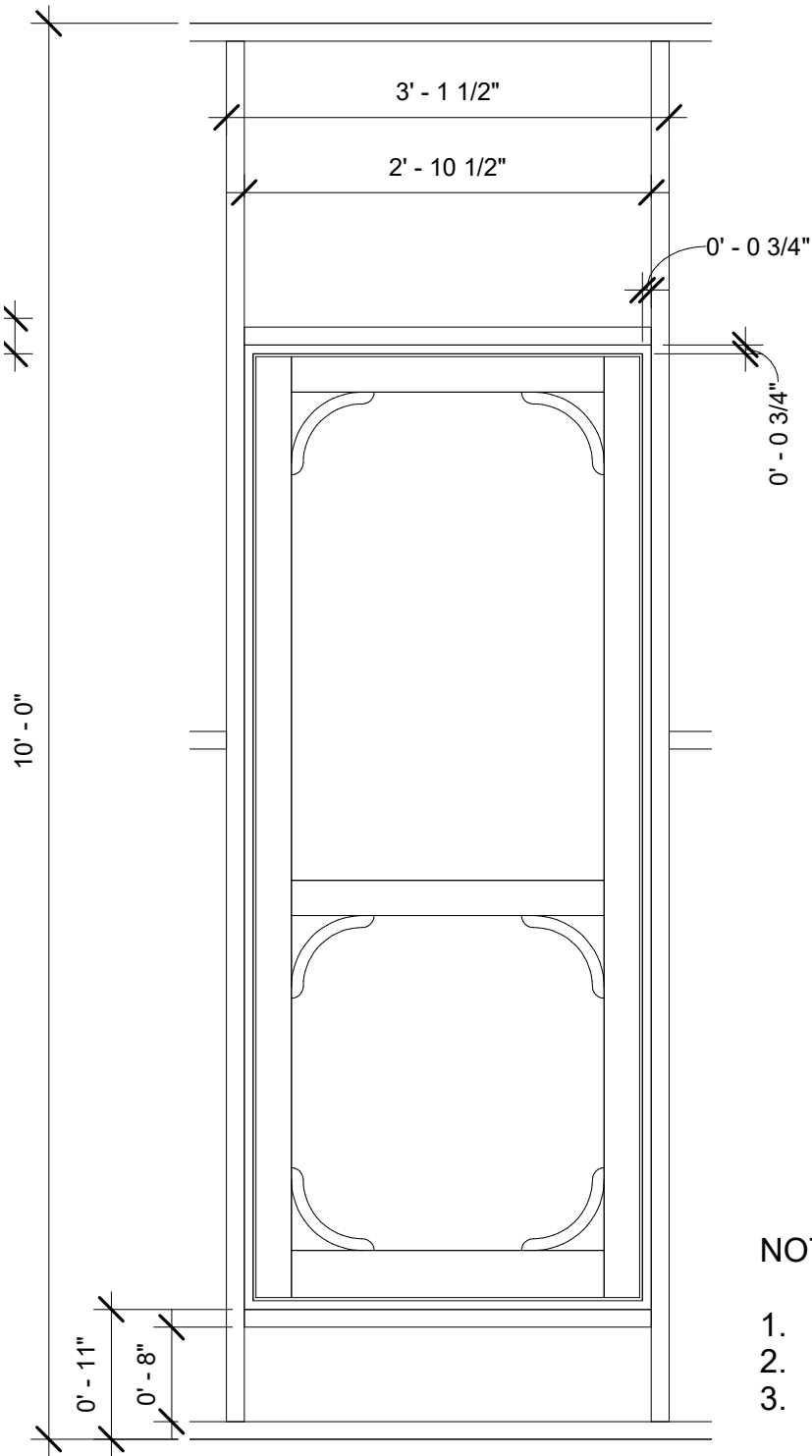
Scale 3/8" = 1'-0"



1 3D - DOOR DETAIL



2 FRONT VIEW DOOR DETAIL
3/4" = 1'-0"



3 REAR VIEW DOOR DETAIL
3/4" = 1'-0"

NOTES:

1. SUGGESTED 2 X 4 FRAMING
 2. PRINTED SKRIM MATERIAL
 3. SUGGESTED 1 X 4 FRAMING FOR DOOR JAMB
 4. EXISTING SCREEN DOOR
- DIMENSIONAL MODIFICATIONS CAN BE MADE AS NEEDED

DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

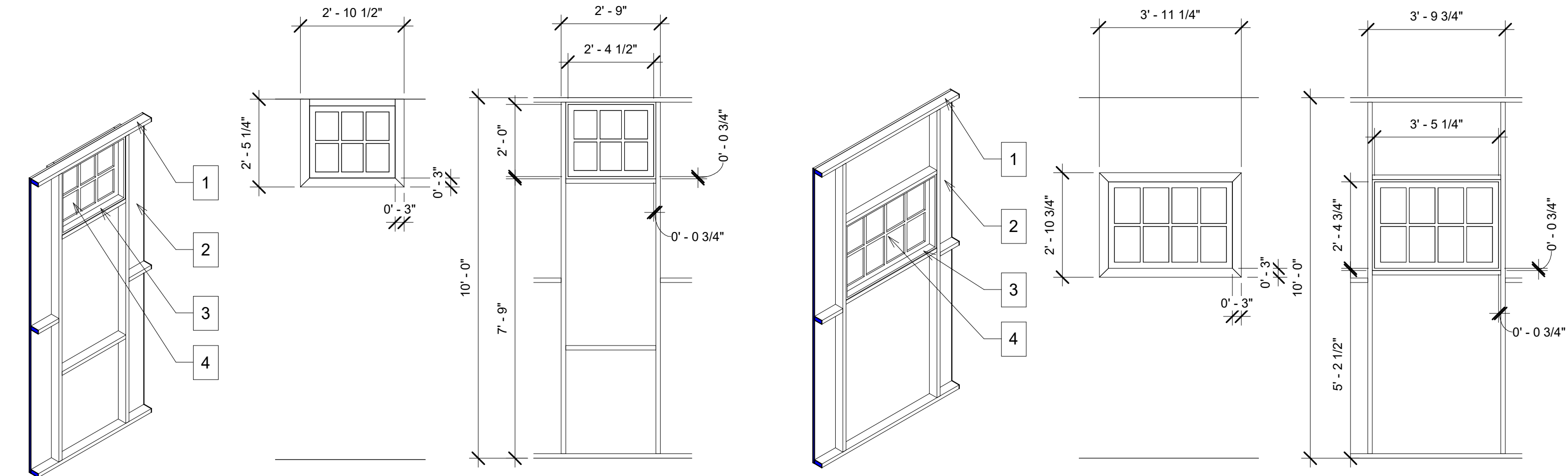
No.	Description	Date

SKRIM WALL DOOR DETAIL

Date 03/03/2020
Drawn by Author
Checked by Checker

TD-106

Scale 3/4" = 1'-0"



1 ISO-SL WINDOW DETAIL

2 FRONT VIEW SL WINDOW
3/8" = 1'-0"

3 REAR VIEW SL WINDOW
3/8" = 1'-0"

4 ISO-SR WINDOW DETAIL

5 FRONT VIEW SR WINDOW
3/8" = 1'-0"

6 REAR VIEW SR WINDOW
3/8" = 1'-0"

- NOTES:
1.

SUGGESTED 2 X 4 FRAMING
2.

PRINTED SKRIM MATERIAL
3.

SUGGESTED 1 X 4 FRAMING FOR WINDOW LIGHT BOX
4.

EXISTING WINDOWS
- DIMENSIONAL MODIFICATIONS CAN BE MADE AS NEEDED

DESIGNED BY:

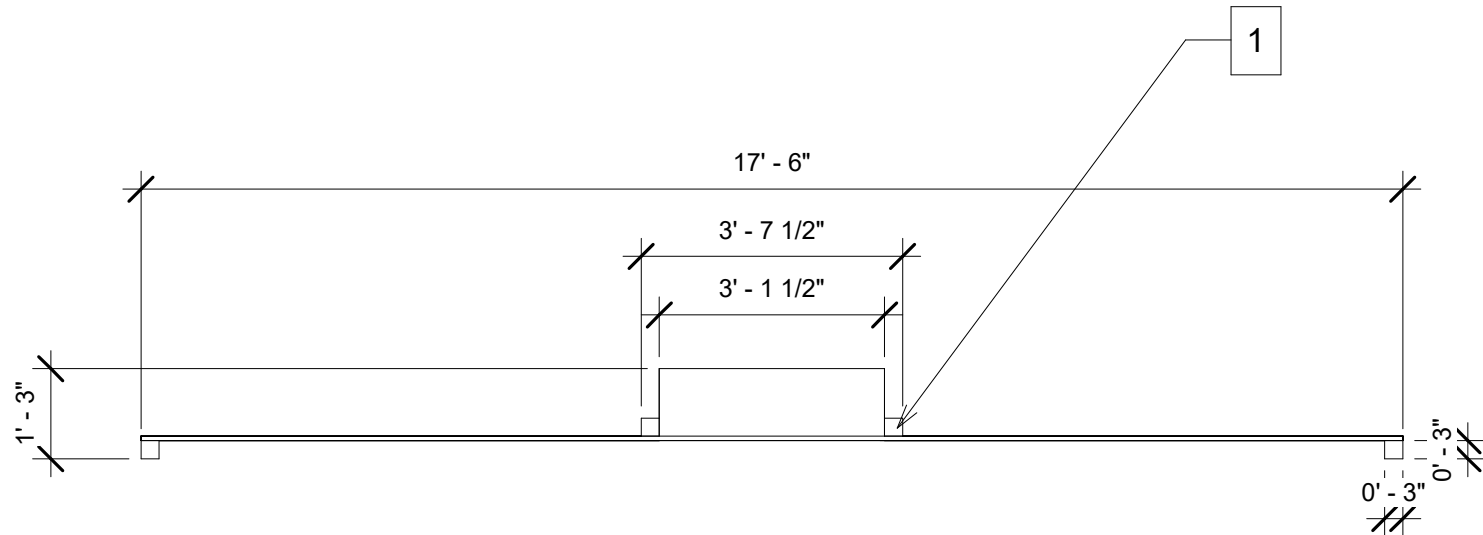
A. WHITTENBERG & G. MOSIER

ALL MY SONS

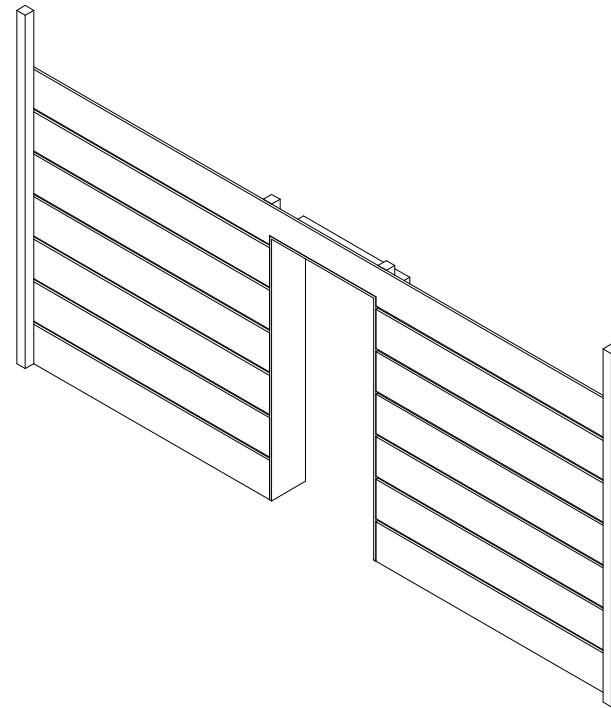
MAD COW THEATRE

No.	Description	Date

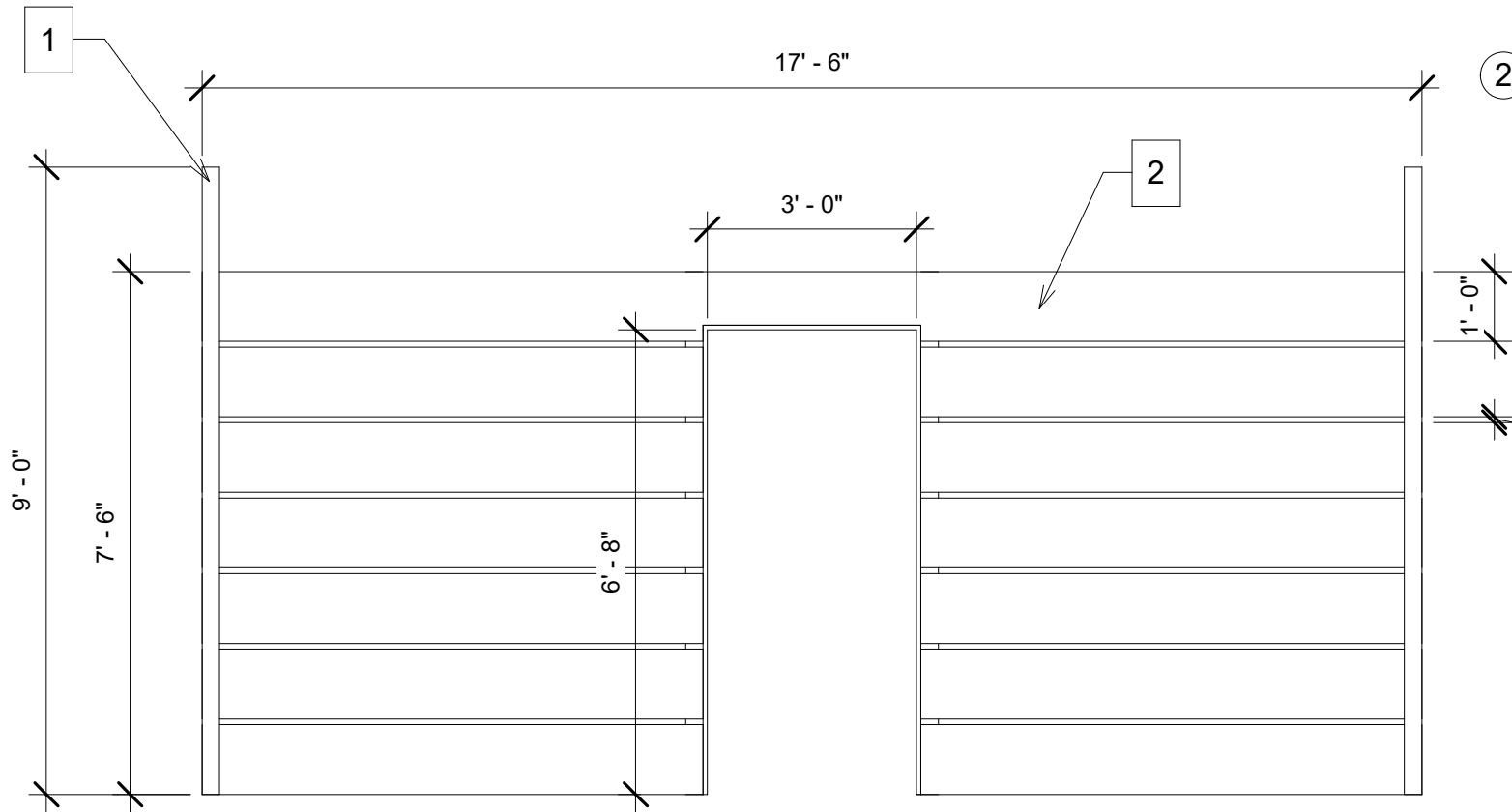
SKRIM WALL SR & SL WINDOW	
Date	03/03/2020
Drawn by	Author
Checked by	Checker
TD-107	
Scale 3/8" = 1'-0"	



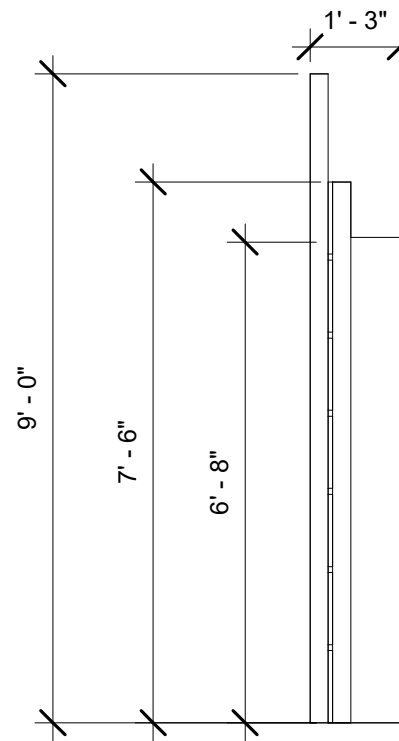
1 Elevation Top
3/8" = 1'-0"



2 3D Ortho



3 Elevation Front
3/8" = 1'-0"



4 Elevation Right
3/8" = 1'-0"

NOTES:

- EXISTING VERTICAL 3" X 3" POSTS FROM SPITFIRE GRILL
- 1" X 12" HORIZONTAL PLANKS
- SUGGESTED MATERIALS FOR HORIZONTAL PLANKS IS 1 X 12
- PLEASE NOTE THE 1" GAP BETWEEN HORIZONTAL MEMBERS
- FENCE LENGHTS MAY NEED MODIFICATION AS THEY ARE CONSTRUCTED

DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

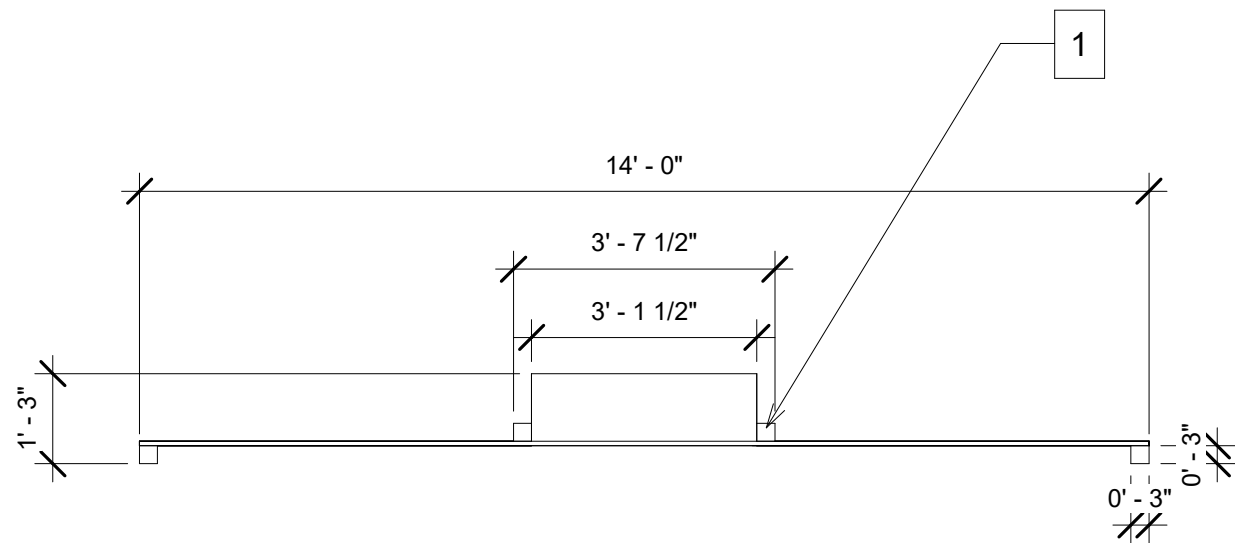
No.	Description	Date

SR FENCE ELEVATION

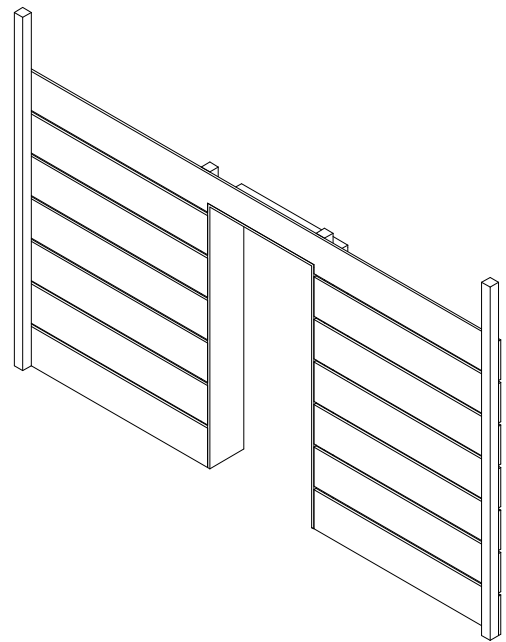
Date 03/03/2020
Drawn by G. MOSIER
Checked by A. WHITTENBERG

TD-108

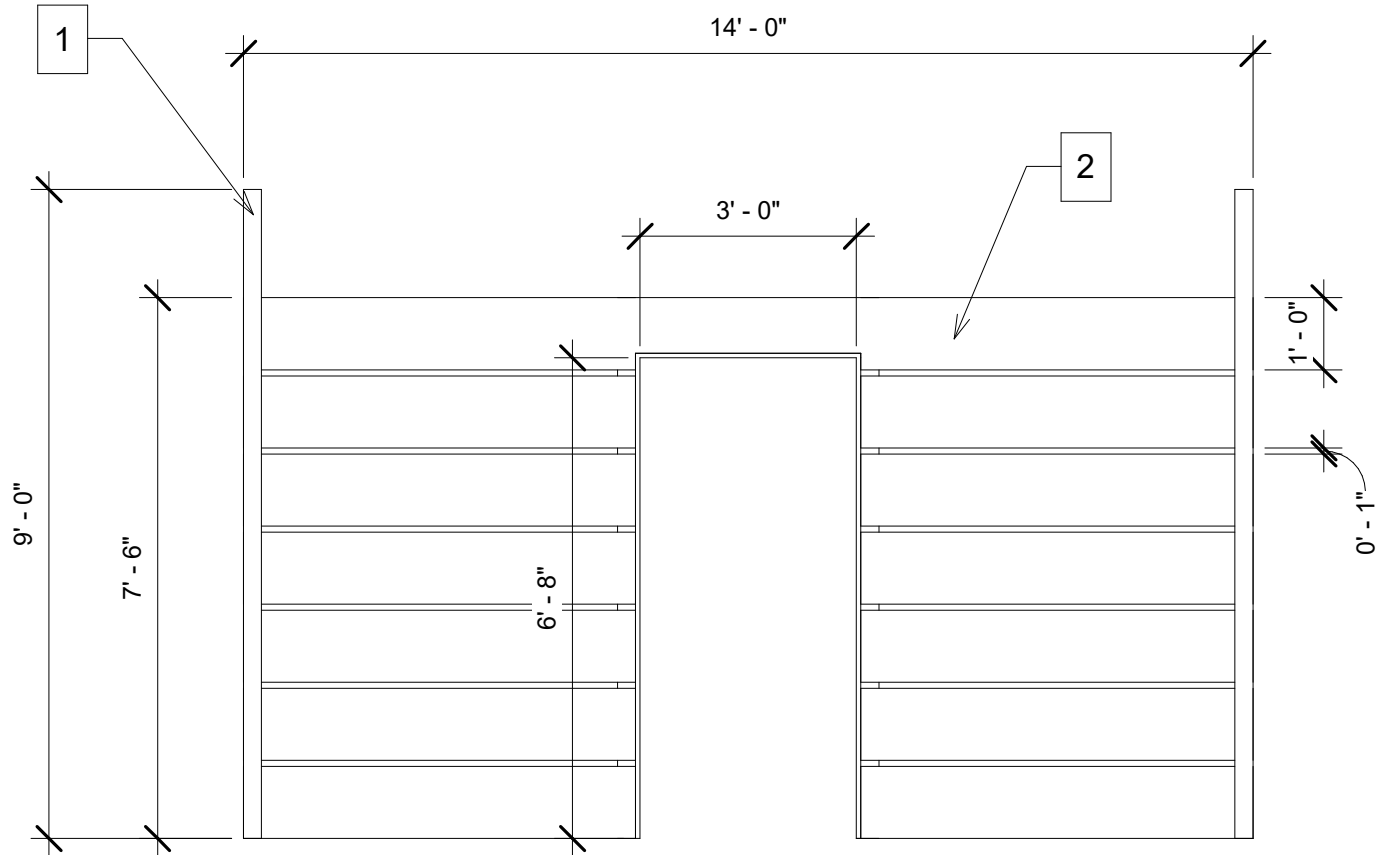
Scale 3/8" = 1'-0"



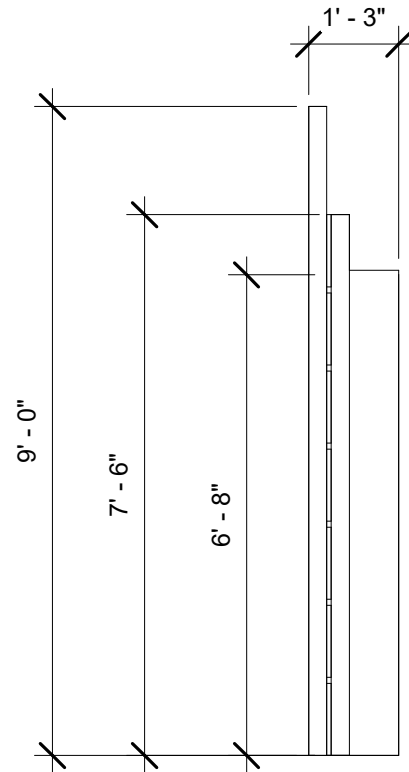
1 Elevation Top
3/8" = 1'-0"



2 3D Ortho



3 Elevation Front
3/8" = 1'-0"



4 Elevation Right
3/8" = 1'-0"

- NOTES:
- 1. EXISTING VERTICAL 3" X 3" POSTS FROM SPITFIRE GRILL
 - 2. 1" X 12" HORIZONTAL PLANKS
 - SUGGESTED MATERIALS FOR HORIZONTAL PLANKS IS 1 X 12
 - PLEASE NOTE THE 1" GAP BETWEEN HORIZONTAL MEMBERS
 - FENCE LENGHTS MAY NEED MODIFICATION AS THEY ARE CONSTRUCTED

DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

No.	Description	Date

SL FENCE ELEVATION		
Date		03/03/2020
Drawn by		Author
Checked by		Checker
TD-109		Scale 3/8" = 1'-0"

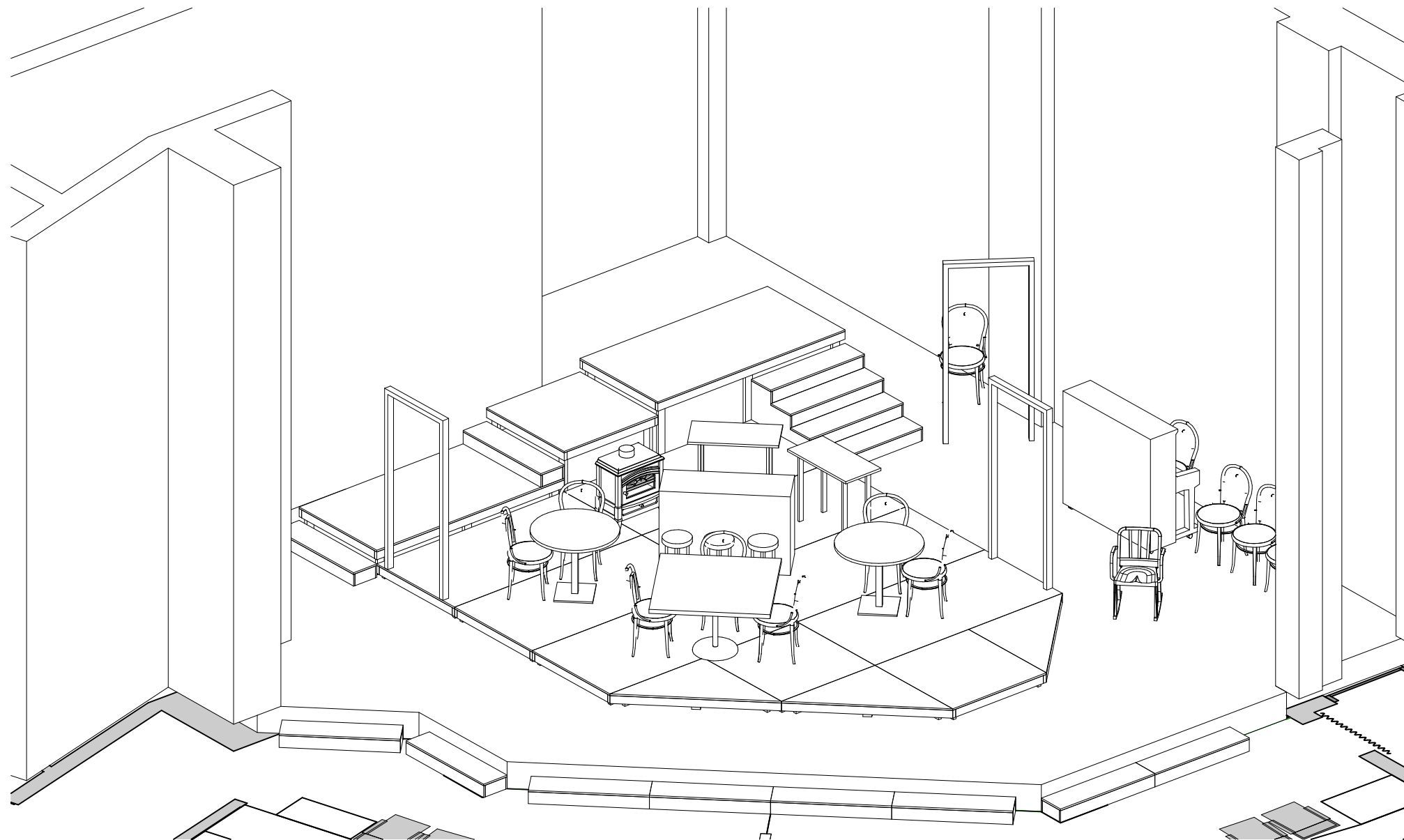
THEATRICAL DESIGN WORK

| REGIONAL 3D MODELING WORK |

DESIGNED FOR:

THE SPITFIRE GRILL at Mad Cow Theatre

Orlando, FL



① ISO FRONT ELEVATION

Designed by:

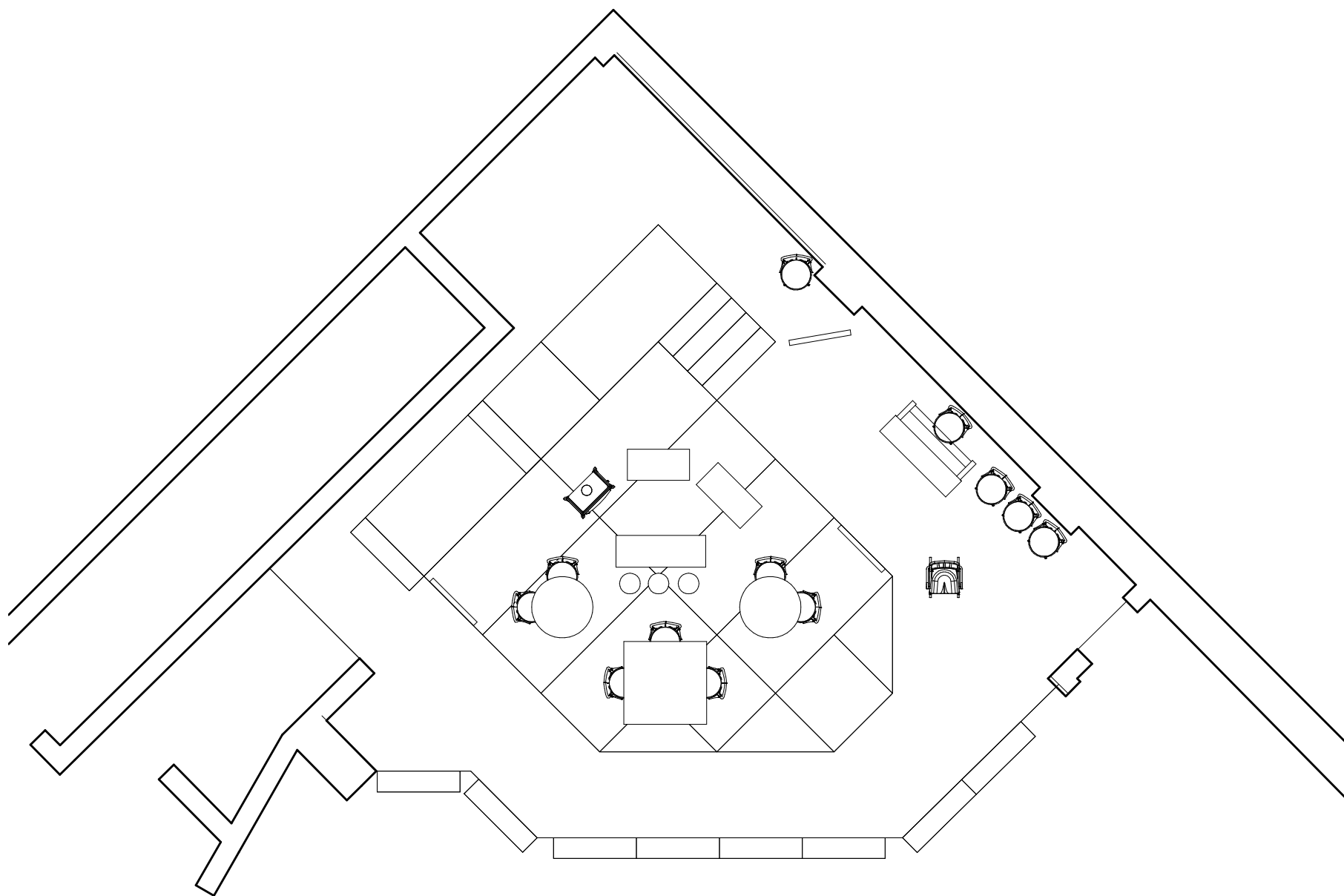
A. WHITTENBERG & G. MOSIER

The Spitfire Grill
Mad Cow Theatre

No.	Description	Date

FRONT ELEVATION		
Date	11/19/2019	-102
Drawn by	Author	
Checked by	Checker	
		Scale

11/21/2019 1:17:07 AM



① GROUND PLAN WITH SCENIC
1 : 75

Designed by:

A. WHITTENBERG & G. MOSIER

The Spitfire Grill
Mad Cow Theatre

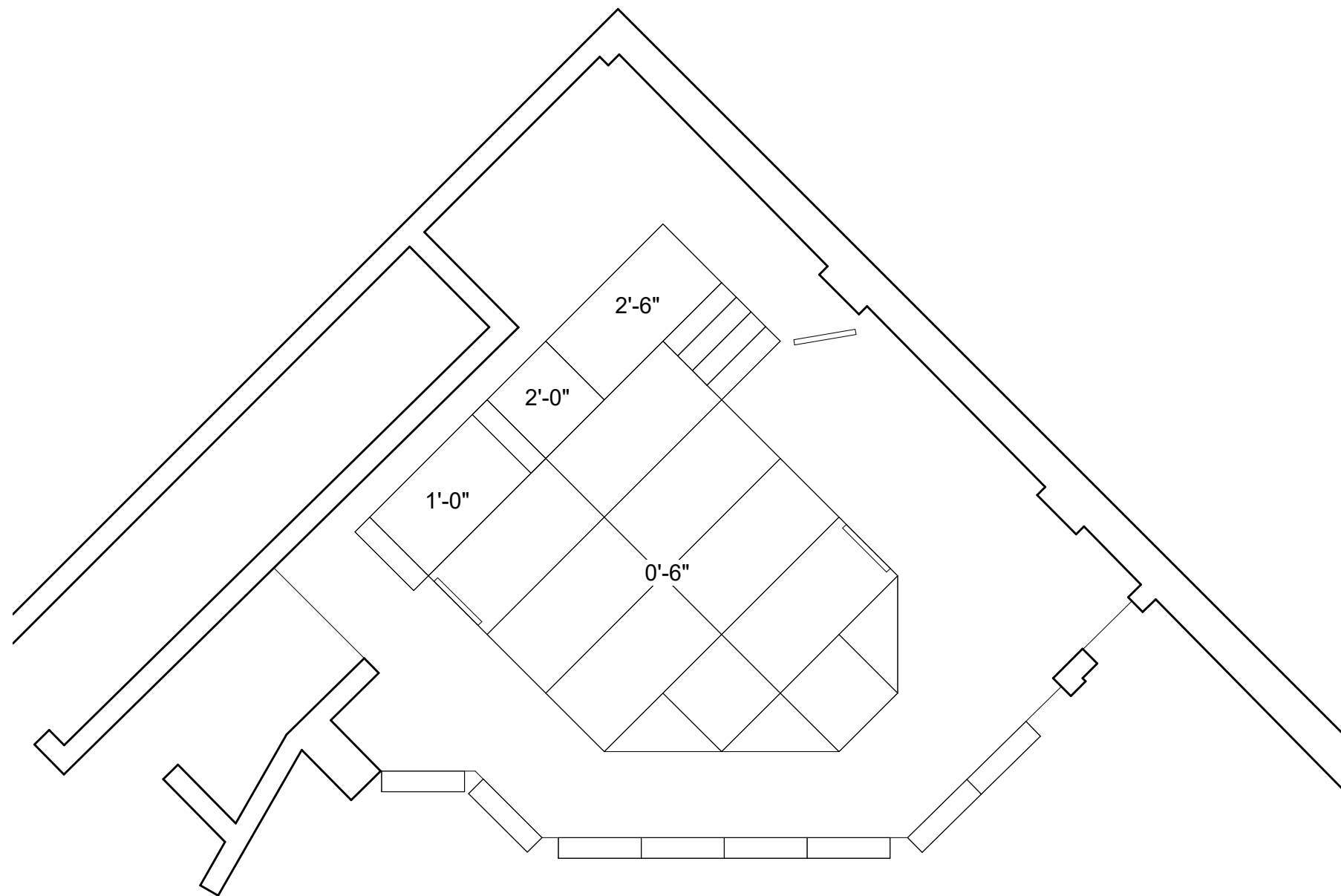
No.	Description	Date

GROUND PLAN

Date 11/19/2019
Drawn by G. Mosier
Checked by A. Whittenberg

-101

Scale 1 : 75



① GROUND PLAN WITH PLATFORMS
1 : 75

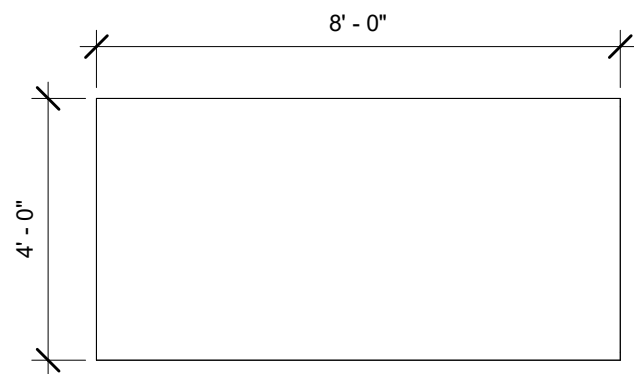
Designed by:

A. WHITTENBERG & G. MOSIER

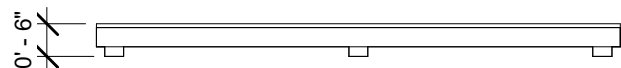
The Spitfire Grill
Mad Cow Theatre

No.	Description	Date

GP - PLATFORM LAYOUT		
Date	11/19/2019	-103
Drawn by	Author	
Checked by	Checker	
		Scale 1 : 75



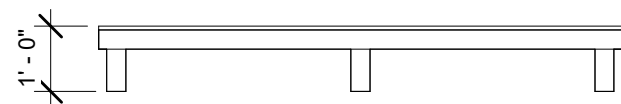
1 Elevation Top
3/8" = 1'-0"



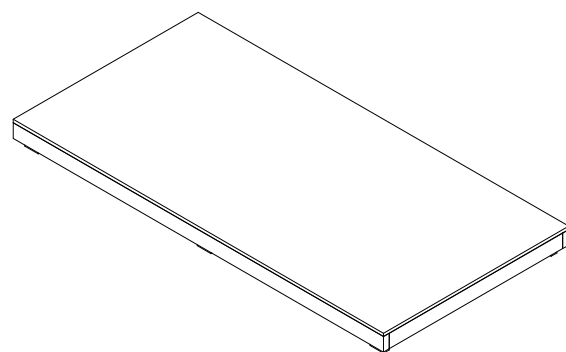
3 Elevation Front
3/8" = 1'-0"



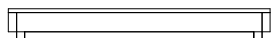
5 Elevation Top
3/8" = 1'-0"



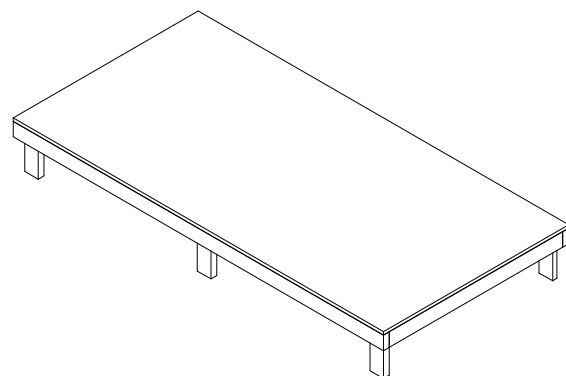
7 Elevation Front
3/8" = 1'-0"



2 6IN PLATFORM



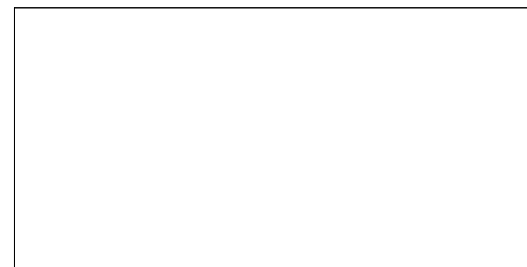
4 Elevation Right
3/8" = 1'-0"



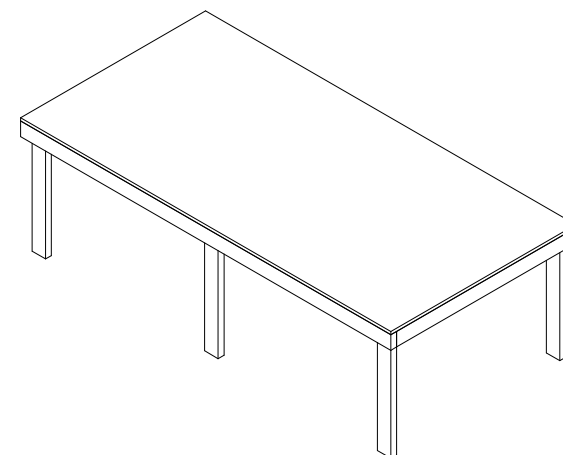
6 1FT PLATFORM



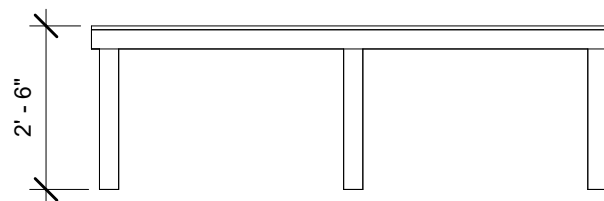
8 Elevation Right
3/8" = 1'-0"



9 Elevation Top
3/8" = 1'-0"



10 2 1/2FT PLATFORM



11 Elevation Front
3/8" = 1'-0"



12 Elevation Right
3/8" = 1'-0"

NOTES:

*THESE DRAWINGS ARE NOT
STRUCTURAL. THEY ARE FOR SCENIC
PURPOSES ONLY

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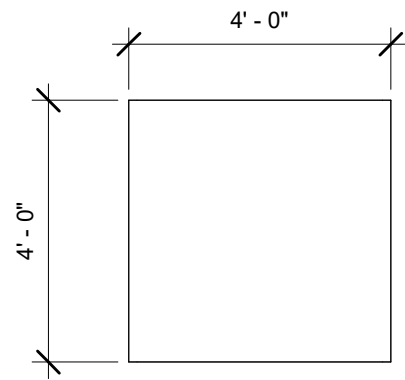
The Spitfire Grill
Mad Cow Theatre

No.	Description	Date

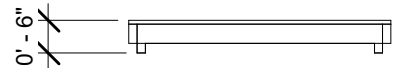
DS - 4' X 8' PLATFORMS

Date	11/19/2019	-106 Scale 3/8" = 1'-0"
Drawn by	Author	
Checked by	Checker	

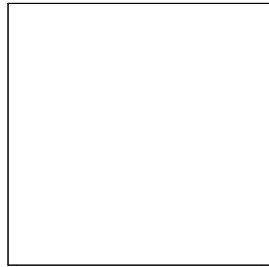
11/21/2019 1:17:07 AM



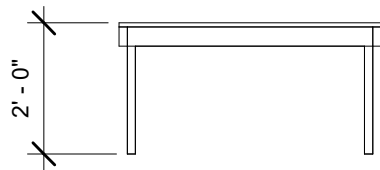
1 Elevation Top
3/8" = 1'-0"



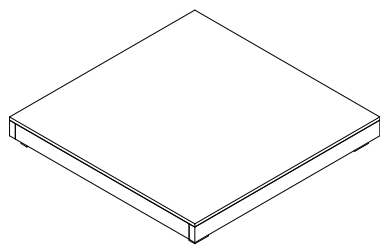
3 Elevation Front
3/8" = 1'-0"



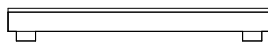
5 Elevation Top
3/8" = 1'-0"



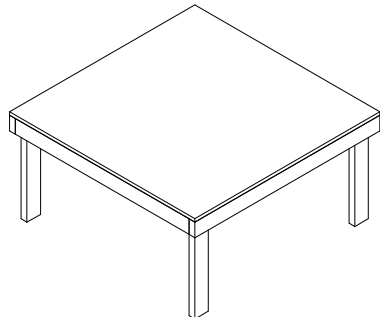
7 Elevation Front
3/8" = 1'-0"



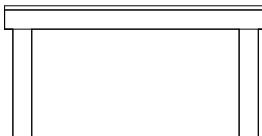
2 6IN PLATFORM



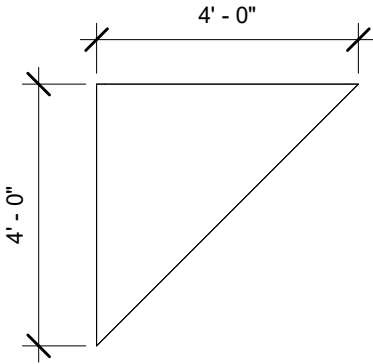
4 Elevation Right
3/8" = 1'-0"



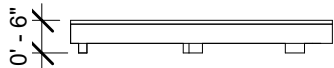
6 2FT PLATFORMS



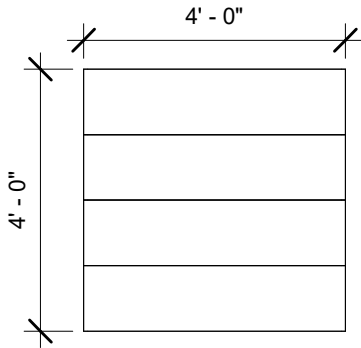
8 Elevation Right
3/8" = 1'-0"



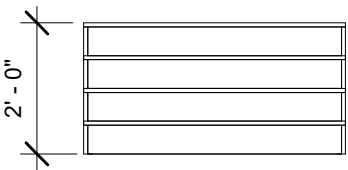
9 Elevation Top
3/8" = 1'-0"



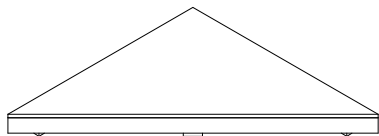
11 Elevation Front
3/8" = 1'-0"



13 Elevation Top
3/8" = 1'-0"



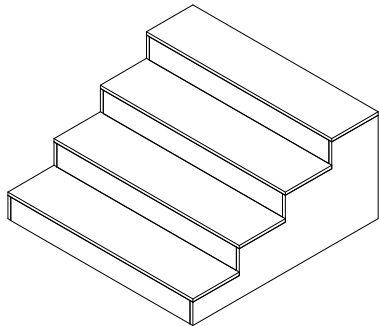
15 Elevation Front
3/8" = 1'-0"



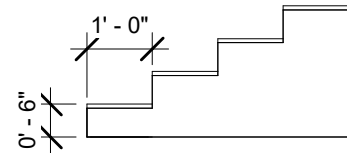
10 4FT TRIANGULAR PLATFORMS



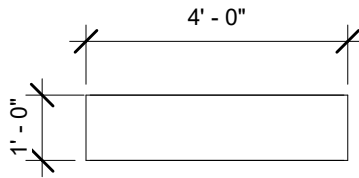
12 Elevation Right
3/8" = 1'-0"



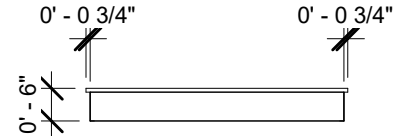
14 3D Ortho



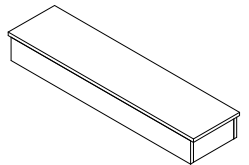
16 Elevation Right
3/8" = 1'-0"



17 Elevation Top
3/8" = 1'-0"



19 Elevation Front
3/8" = 1'-0"



18 MODULAR STEP



20 Elevation Right
3/8" = 1'-0"

NOTES:
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PURPOSES ONLY

Designed by:

A. WHITTENBERG & G. MOSIER

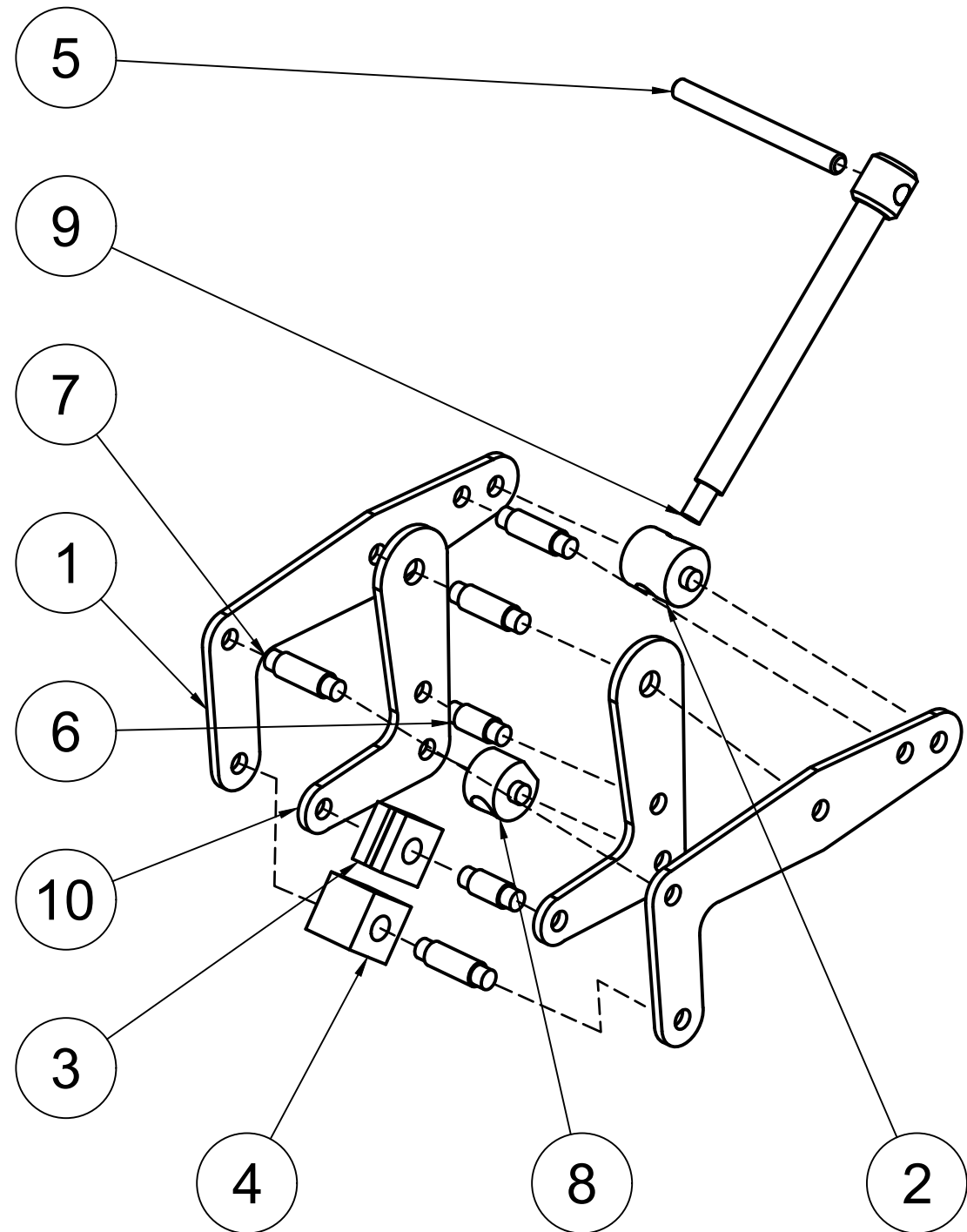
The Spitfire Grill
Mad Cow Theatre

No.	Description	Date

DS - 4FT X 4FT PLATFORMS		
Date	11/19/2019	-107
Drawn by	Author	
Checked by	Checker	
		Scale 3/8" = 1'-0"

VALENCIA COMMUNITY COLLEGE

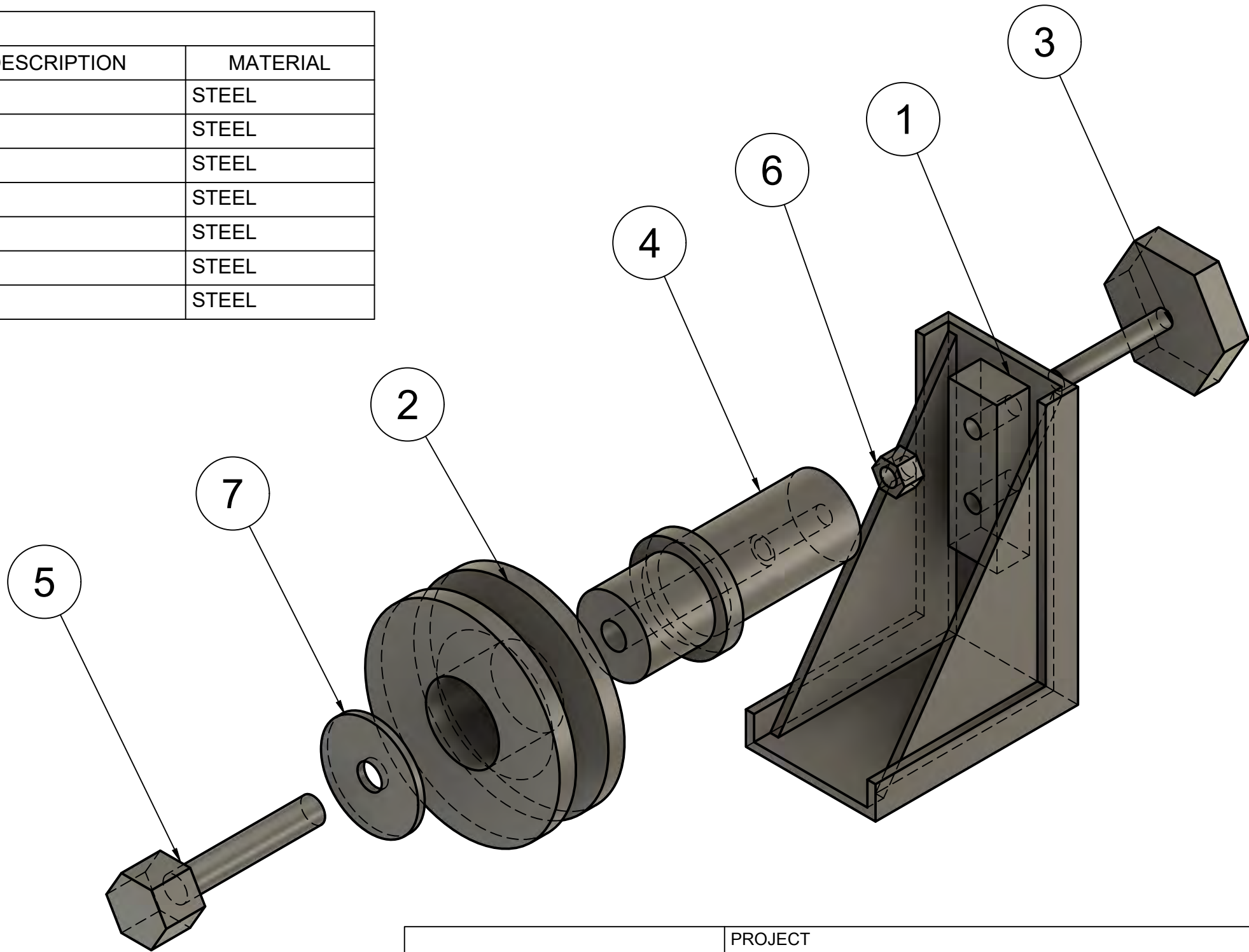
| 3D CAD COURSE |



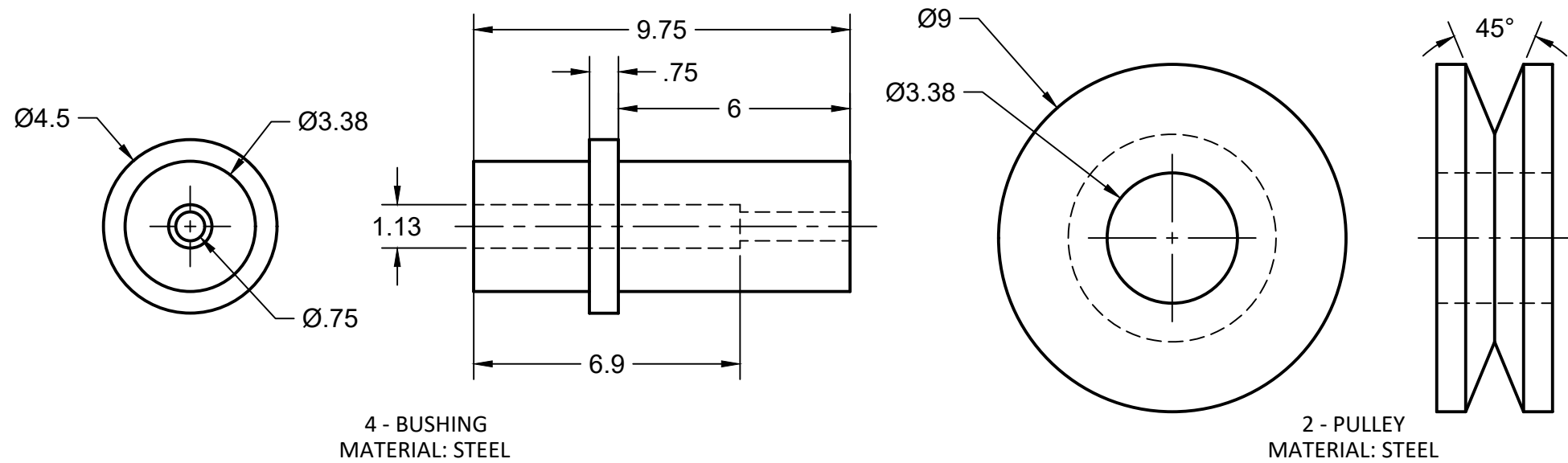
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	2	BRACE A		STEEL
2	1	HINGE A		STEEL
3	1	GRIP B		STEEL
4	1	GRIP A		STEEL
5	1	HANDLE		STEEL
6	2	PIN B		STEEL
7	4	PIN A		STEEL
8	1	HINGE B		STEEL
9	1	SHAFT		STEEL
10	2	BRACE B		STEEL

		PROJECT			
		Advanced CAD FALL 2019			
		TITLE			
		KANT TWIST CLAMP			
APPROVED		A. EMIGH	SIZE	CODE	DWG NO
CHECKED			B		
DRAWN	Gavin Mosier	7/31/2020	SCALE 1:2	WEIGHT	SHEET 1/1

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	BRACKET		STEEL
2	1	PULLEY		STEEL
3	1	TURN SCREW		STEEL
4	1	BUSHING		STEEL
5	1	CAP SCREW		STEEL
6	1	NUT		STEEL
7	1	WASHER		STEEL

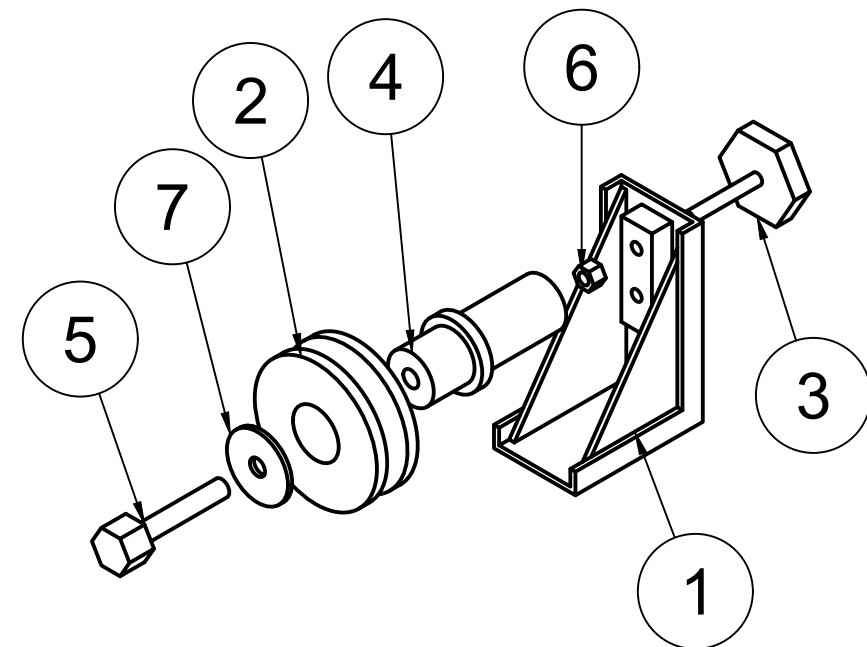


		PROJECT Admin Project			
		TITLE Pulley Support - Exploded View			
APPROVED		SIZE	CODE	DWG NO	REV
CHECKED		B			
DRAWN	Gavin Mosier	7/26/2020	SCALE 1:4	WEIGHT	SHEET 1/1



4 - BUSHING
MATERIAL: STEEL

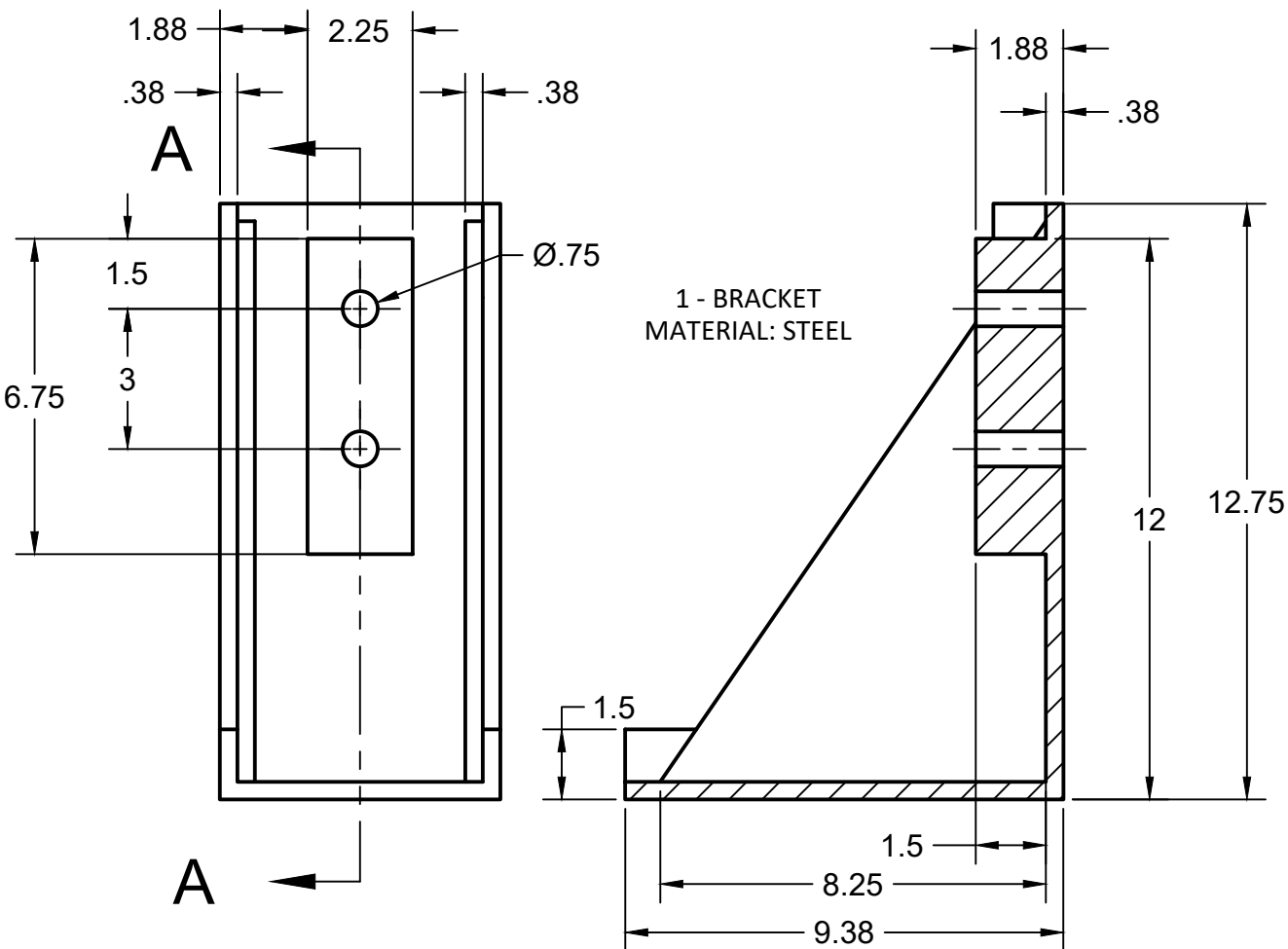
2 - PULLEY
MATERIAL: STEEL



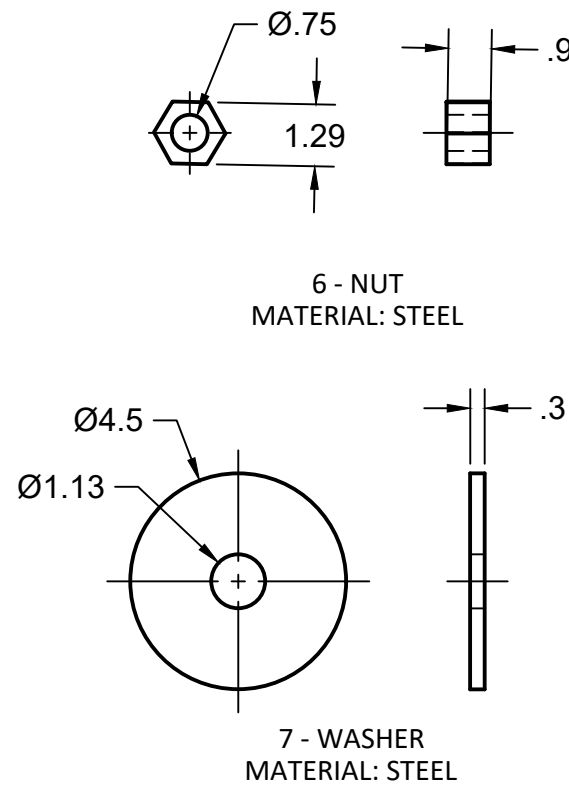
5 - CAP SCREW
MATERIAL: STEEL

6 - NUT
MATERIAL: STEEL

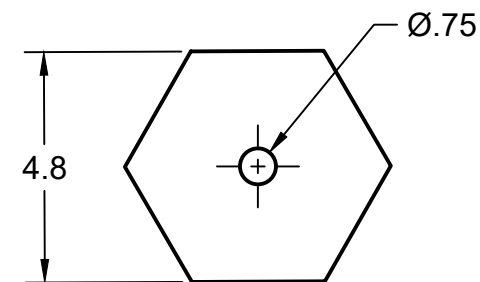
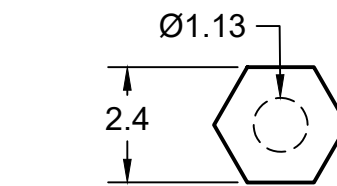
3 - TURN SCREW
MATERIAL: STEEL



1 - BRACKET
MATERIAL: STEEL



7 - WASHER
MATERIAL: STEEL



SECTION A-A
SCALE 1:4

PROJECT

PARTS DETAILS

TITLE

Pulley Support - Exploded View

APPROVED A. EMIGH

CHECKED A. EMIGH

DRAWN G. MOSIER 7/26/2020

SIZE

B

CODE

SCALE 1:4

DWG NO

WEIGHT

REV

SHEET 1/1

CAD DESIGN

| DISNEY PARKS LIVE ENTERTAINMENT |

Prior to the COVID-19 pandemic, I was working as a CAD Planner at Disney Parks Live Entertainment. Essentially, a CAD Planner at Disney is a Junior CAD Designer. As a Planner, I took care of event drawings, permit drawings, drawings for submittal to certified engineers, assistance with capital projects, simple BIM organization, Central Model creation, 3D modeling, and 3D point cloud scanning. The primary program of use is REVIT with AutoCAD and Fusion360 also being used.

Unfortunately, because of proprietary reasons I cannot show any of my work from Disney in this portfolio as Disney technically owns that work. However, I am more than happy to discuss my learning experiences at Disney and how those learnings have prepared me to take this next step in my career.

Thank you!

Gavin E Mosier