

GAVIN | E | MOISER

DRAFTSMAN | 3D MODELER | DESIGNER

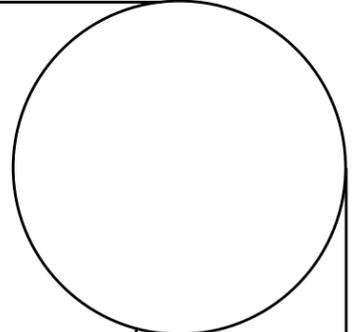


|*all work shown was done in REVIT and FUSION360*|

VALENCIA COMMUNITY COLLEGE

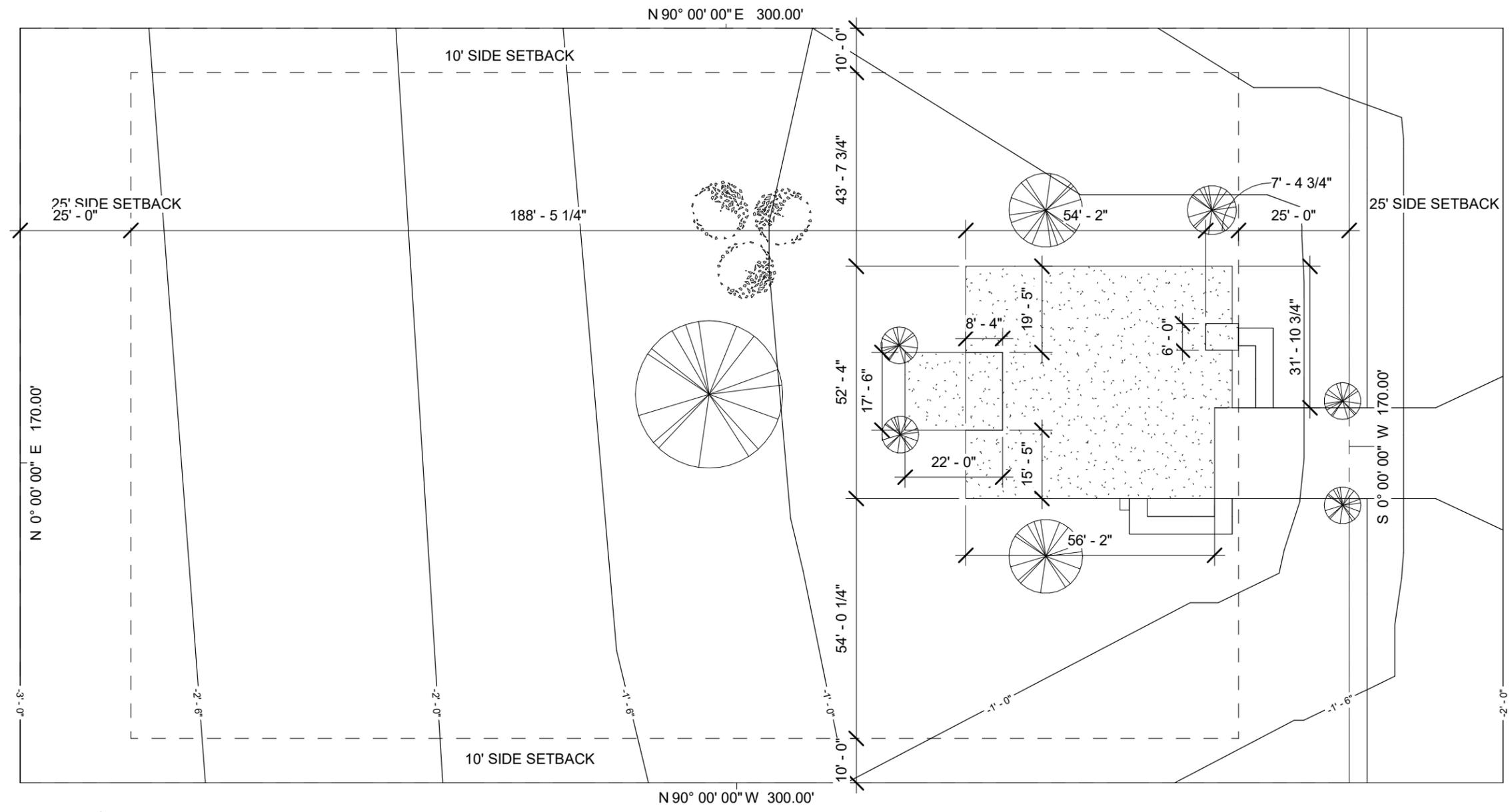
| ARCHITECTURAL COURSE |

2900 SF HOME DESIGN



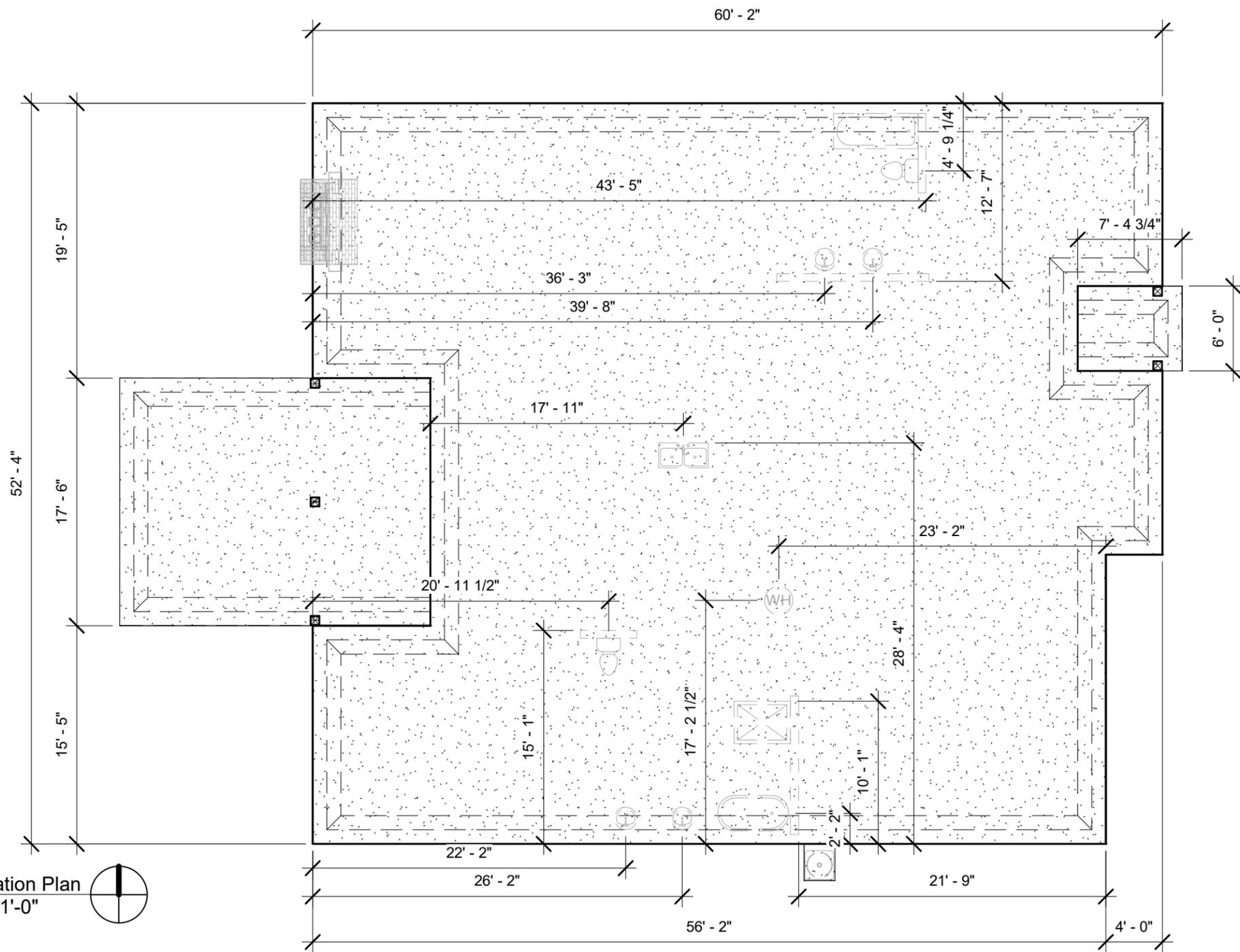
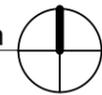
Mosier Home Design
2900 SF

Site Plan	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	1 : 300
SHEET A101	

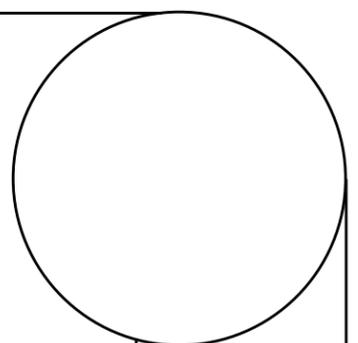


1 Site
1 : 300

① Foundation Plan
 1/8" = 1'-0"

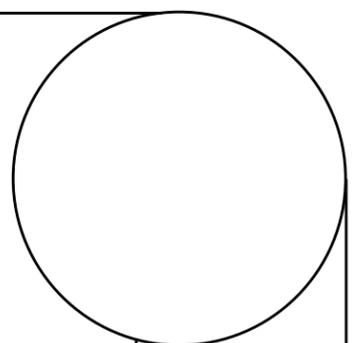
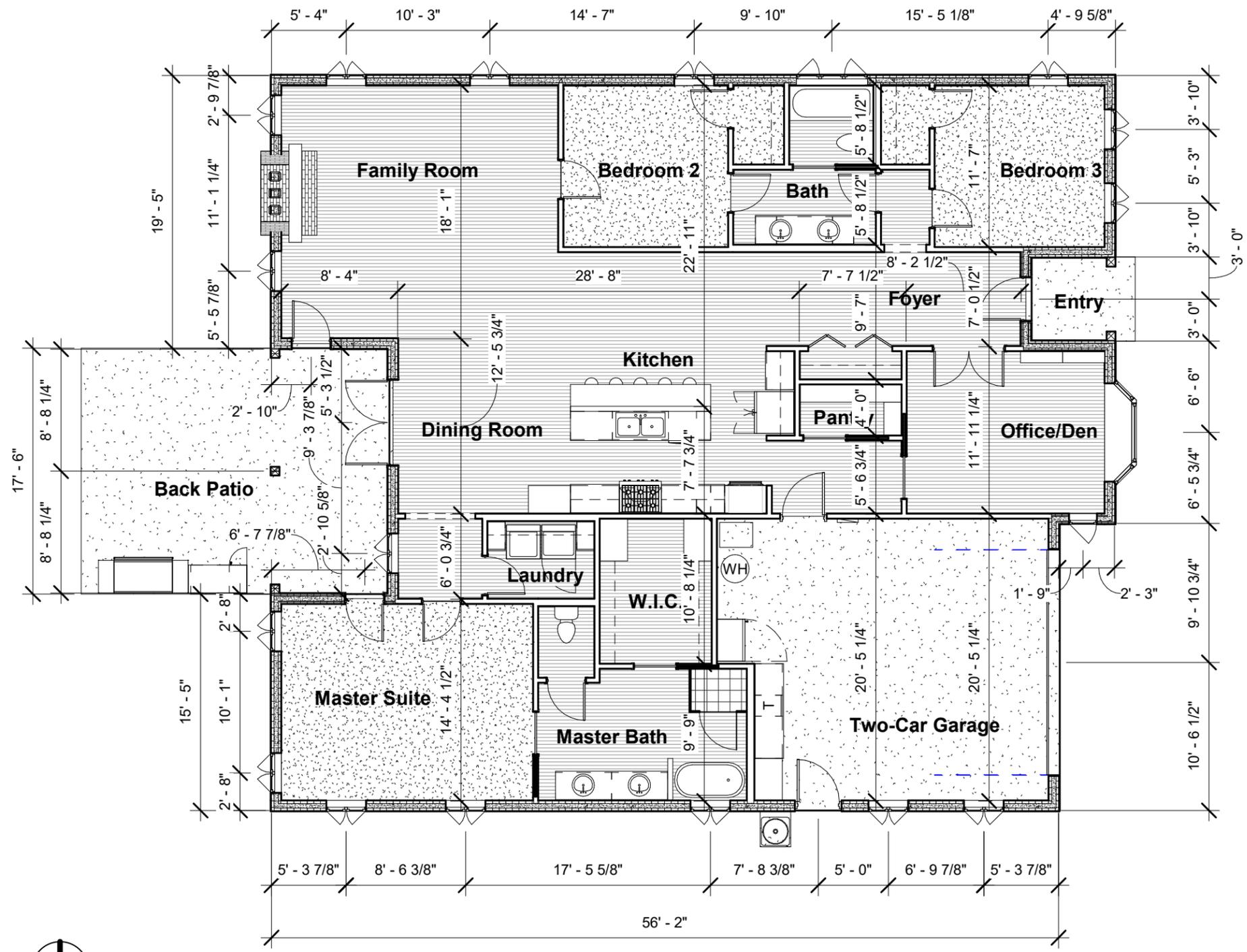


NOTES:
 • SLAB MATERIAL IS 4" CAST-IN-PLACE CONCRETE



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	

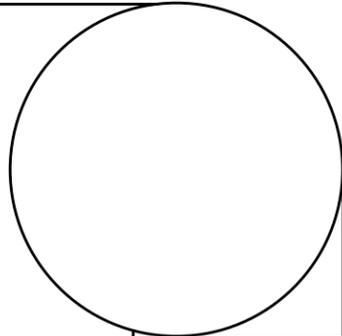


Mosier Home Design
2900 SF

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



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



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	



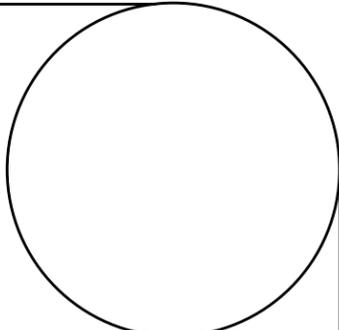
Asphalt Shingles

Shiplap Siding

Level 2
10' - 0"

Level 1
0' - 0"

① East
3/16" = 1'-0"

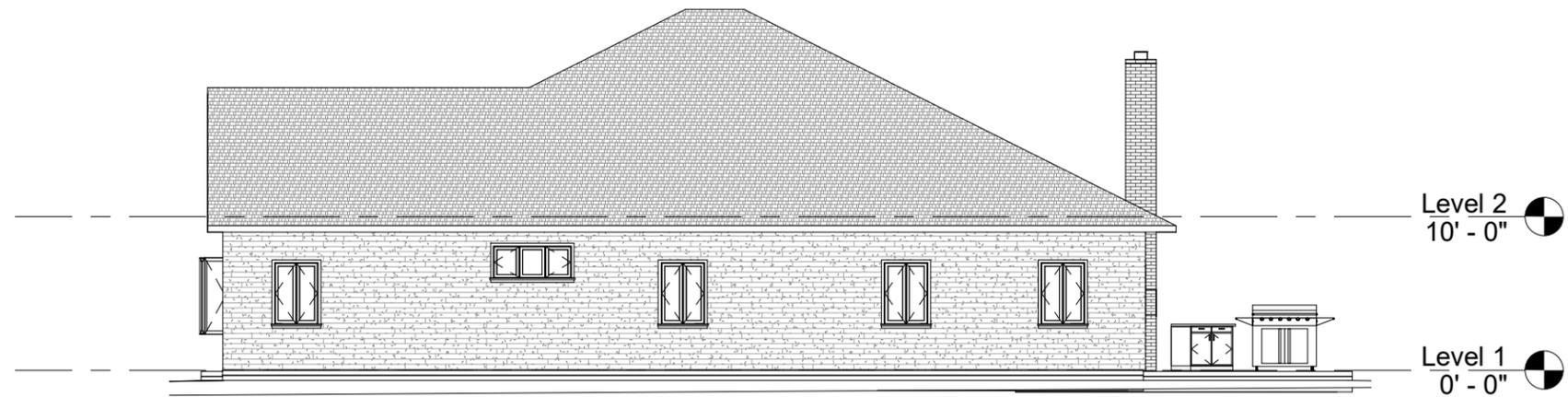


Mosier Home Design

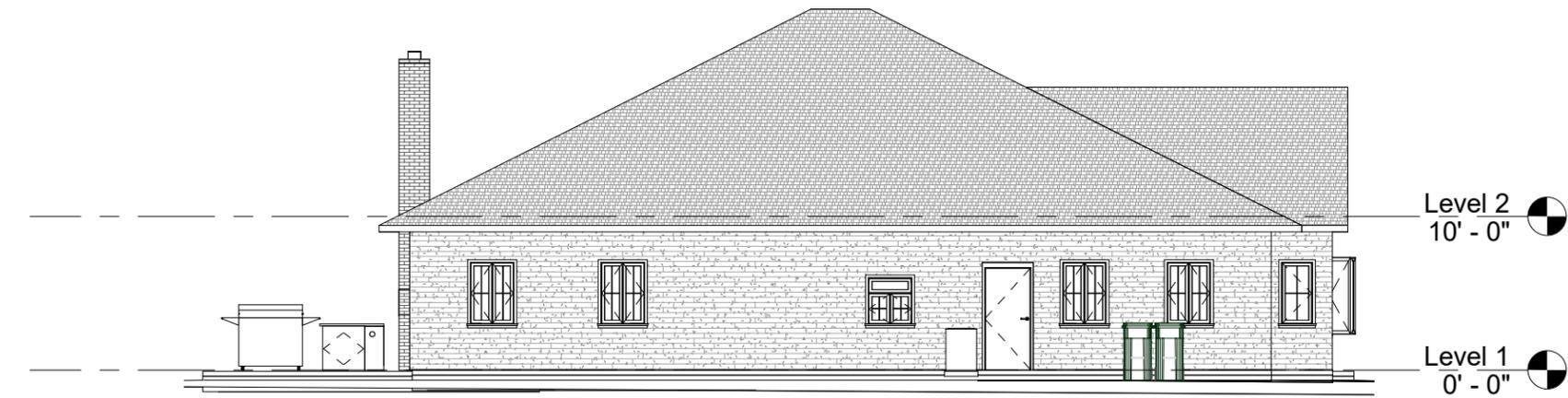
2900 SF

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

SHEET
A202



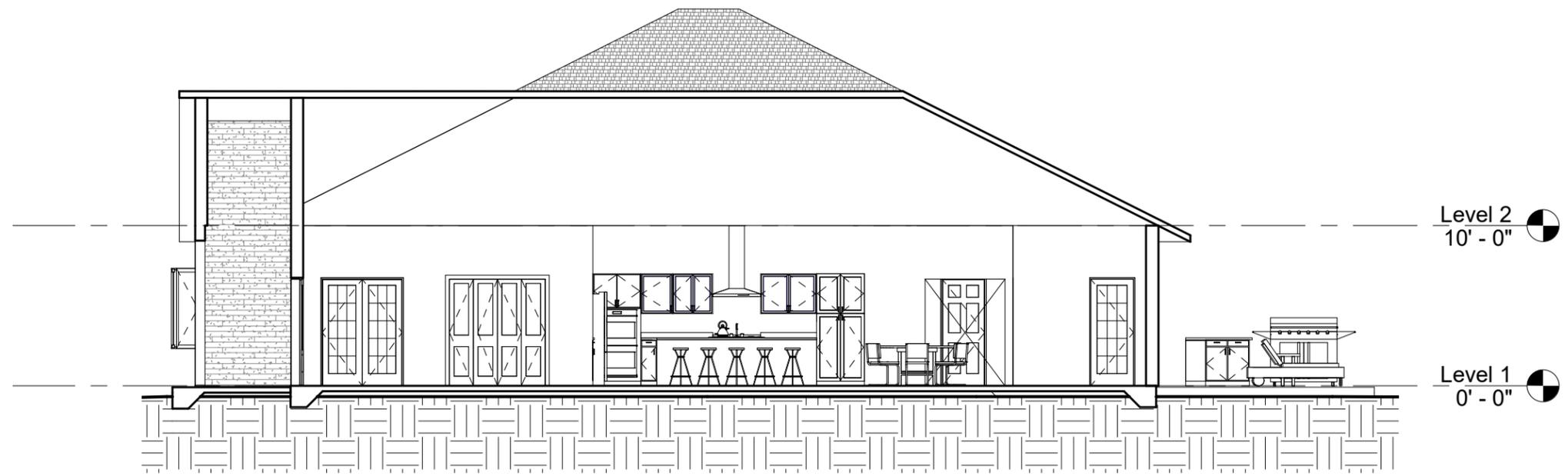
① North
1" = 10'-0"



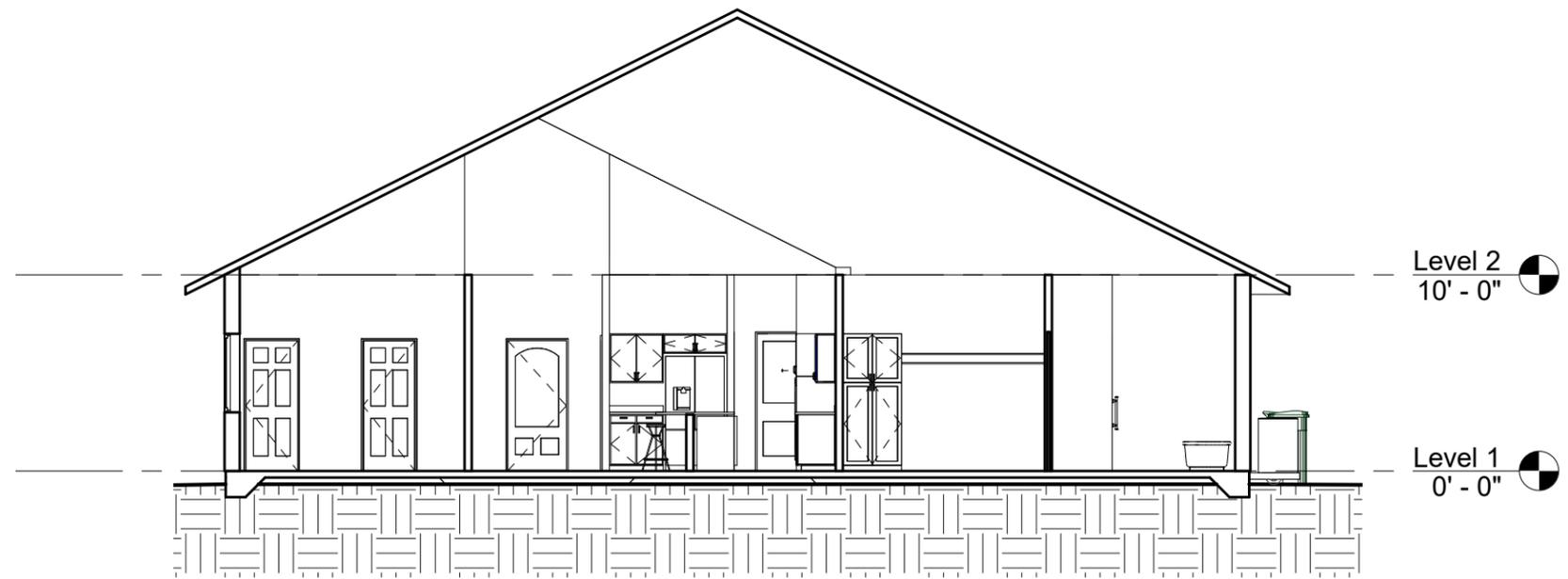
② South
1" = 10'-0"



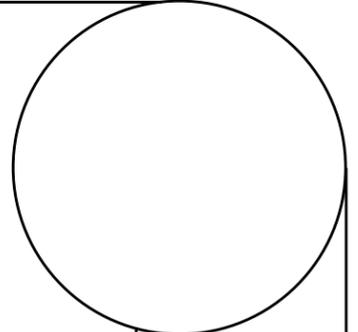
③ West
1" = 10'-0"



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



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

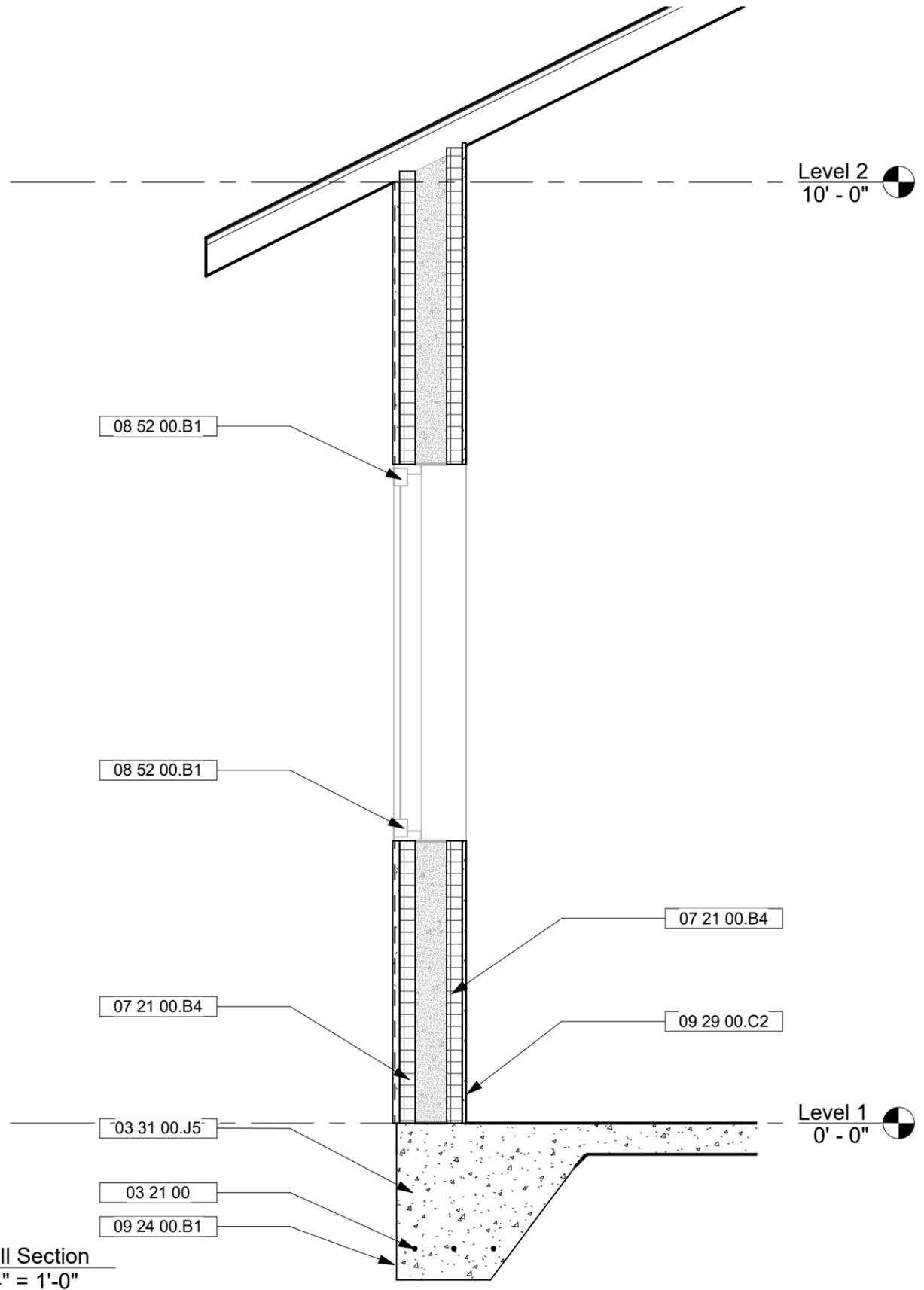


Mosier Home Design

2900 SF

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

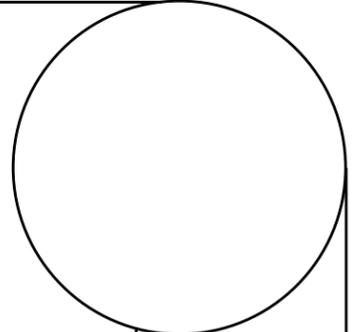
SHEET
A301



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

Level 2
10' - 0"

Level 1
0' - 0"



Mosier Home Design
2900 SF

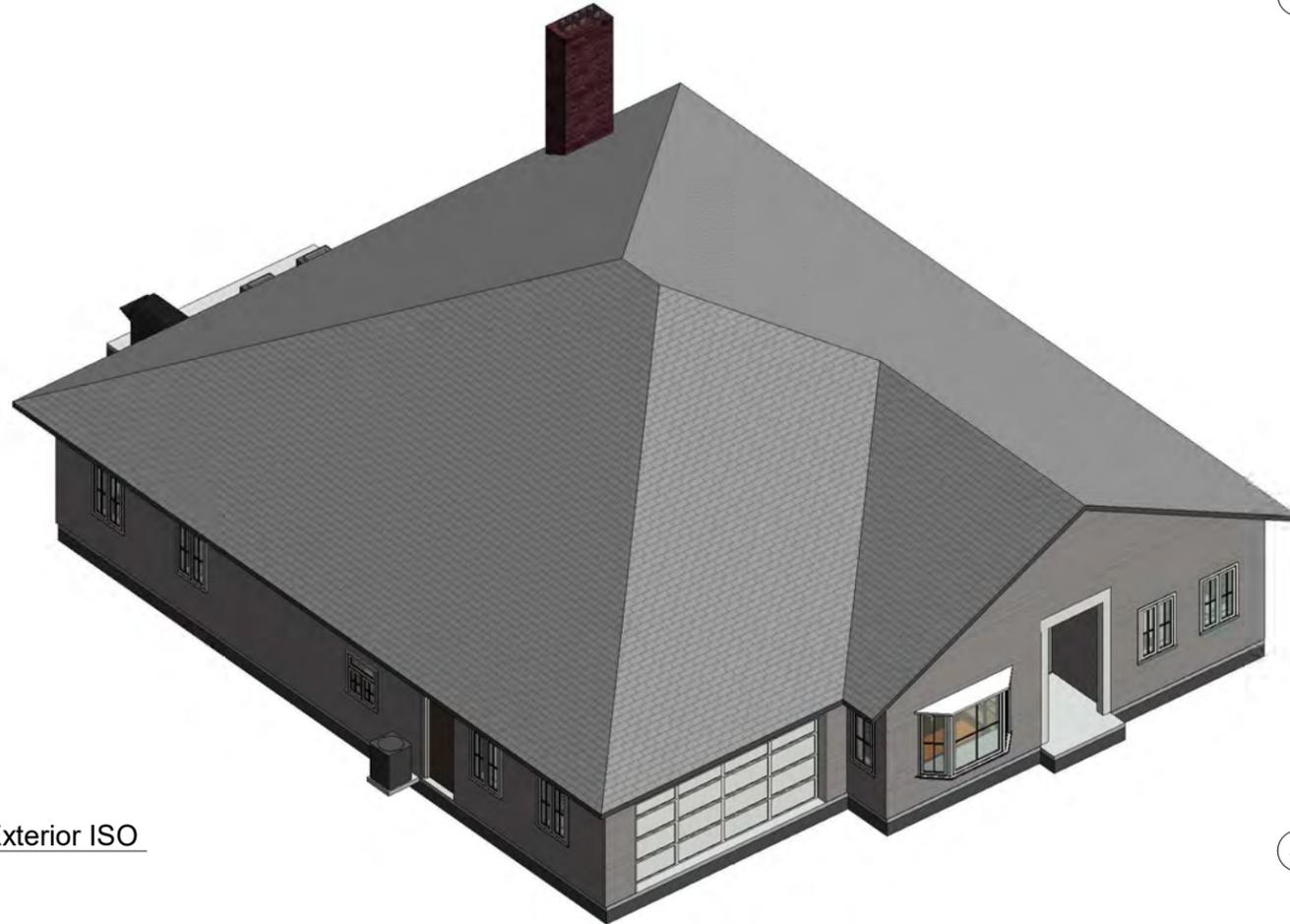
Wall Section	
Project #	TAR-1120C
Date	06/12/2020
Drawn by	G. Mosier
Checked by	A. Ray
Scale	3/4" = 1'-0"
SHEET	
A302	



① Interior Kitchen



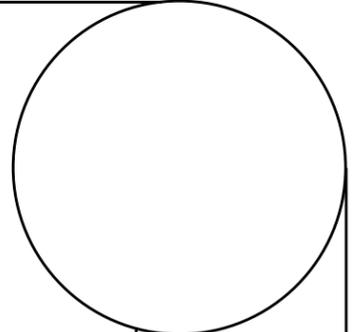
② Interior Family Room



③ Exterior ISO



④ Exterior Back Patio



Mosier Home Design

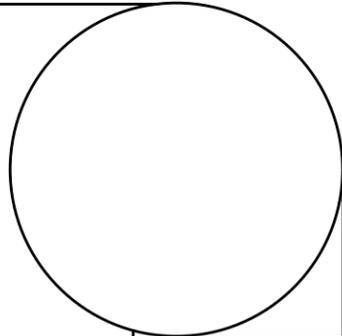
2900 SF

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

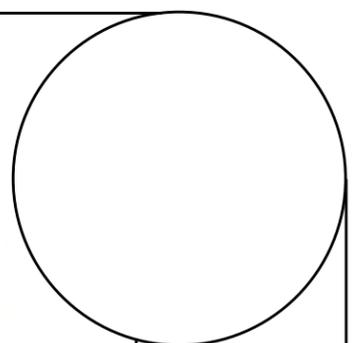
2900 SF

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

SHEET
 1101



① Landscaping Plan
1 : 175



Mosier Home Design

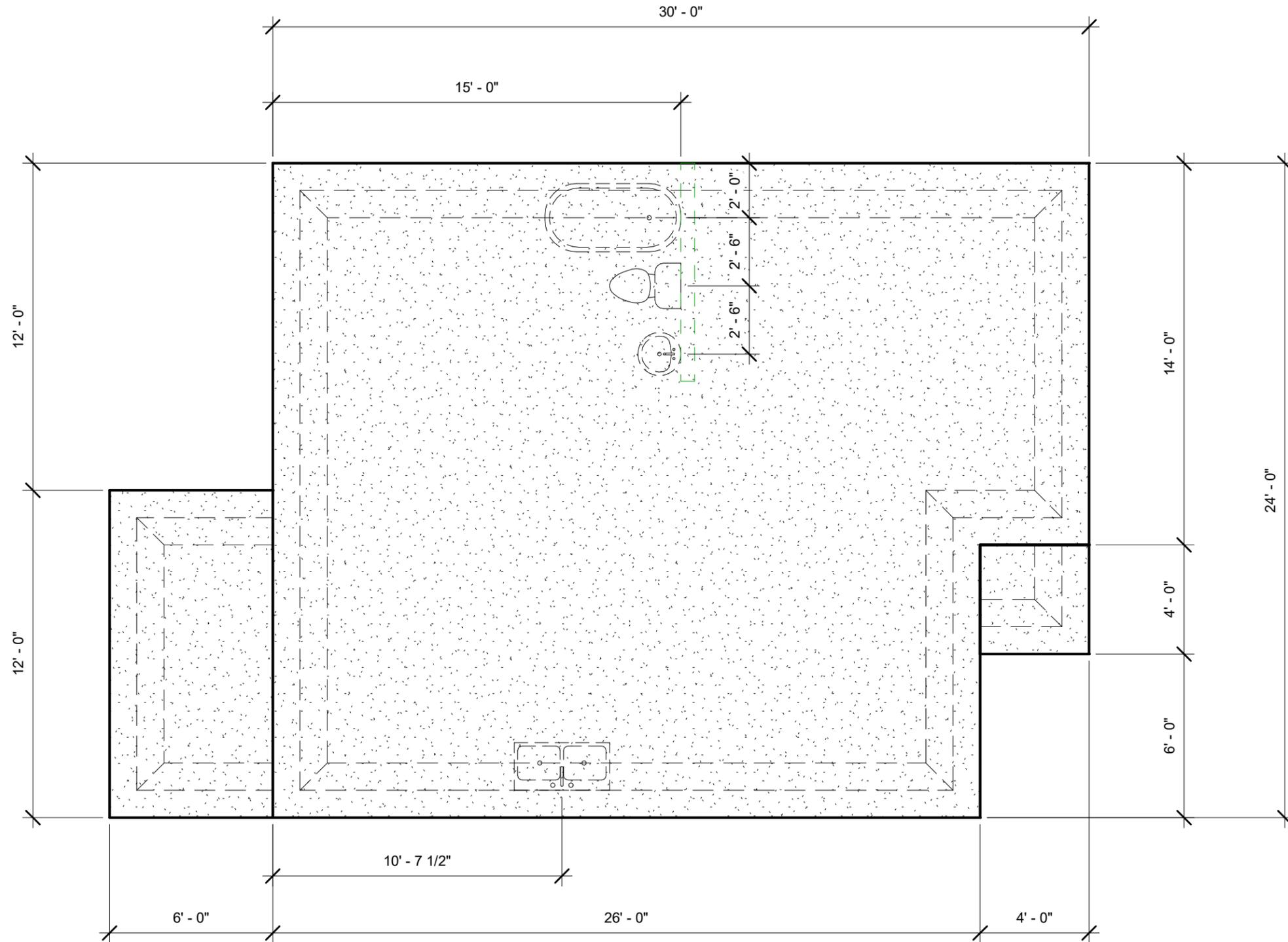
2900 SF

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

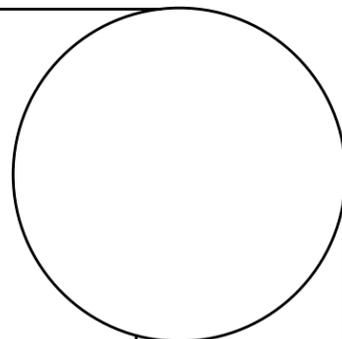
VALENCIA COMMUNITY COLLEGE

| ARCHITECTURAL COURSE |

2 BR 1 BA COTTAGE DESIGN



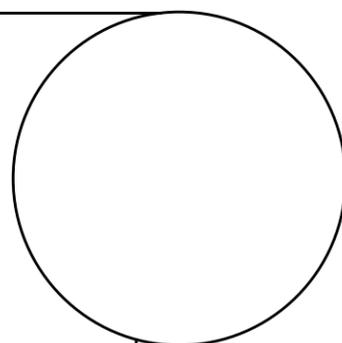
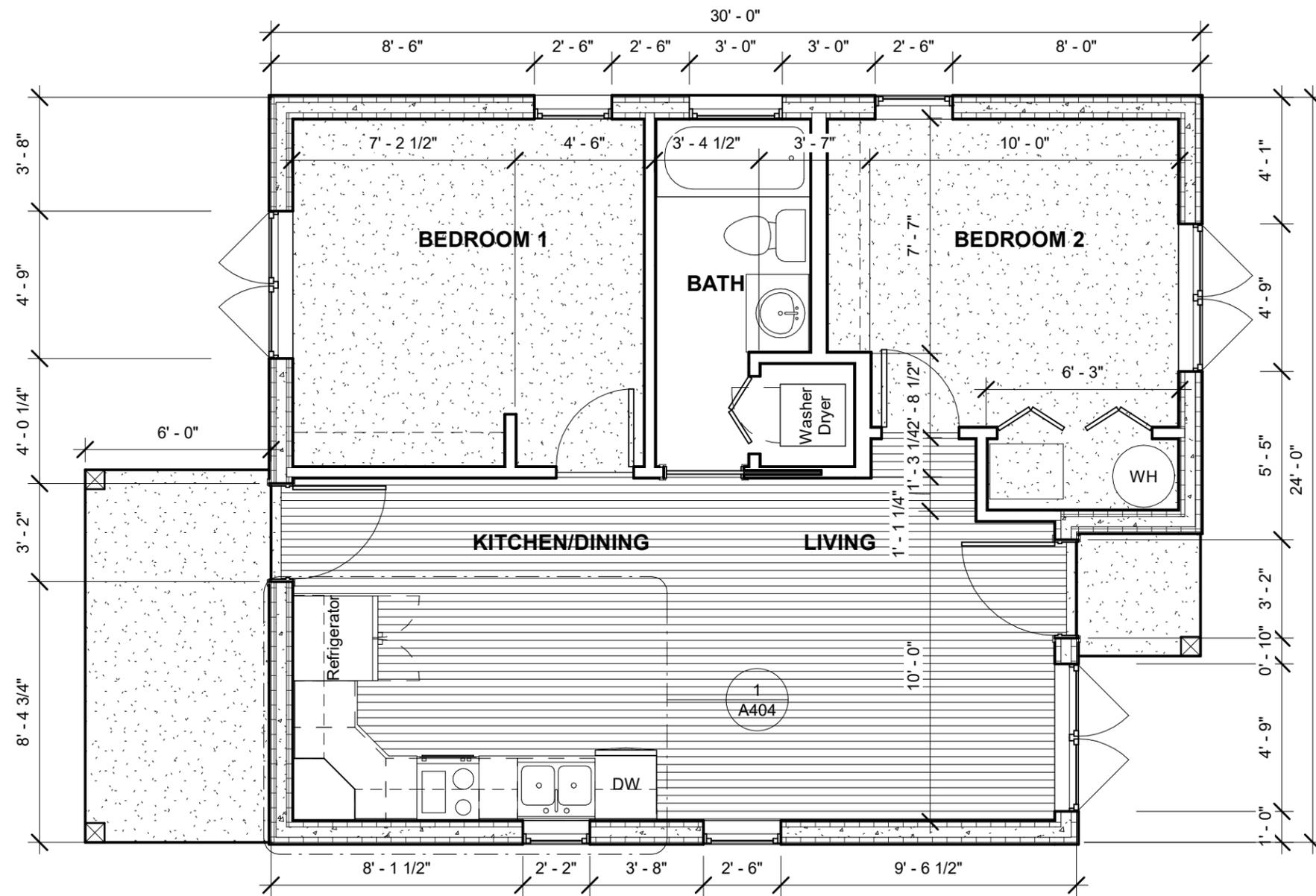
① FOUNDATION PLAN
1/4" = 1'-0"



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



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"

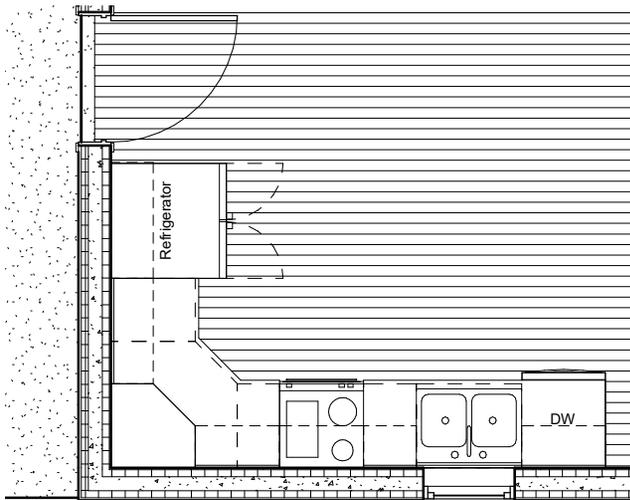
SHEET
A103

① LEVEL 1
1/4" = 1'-0"

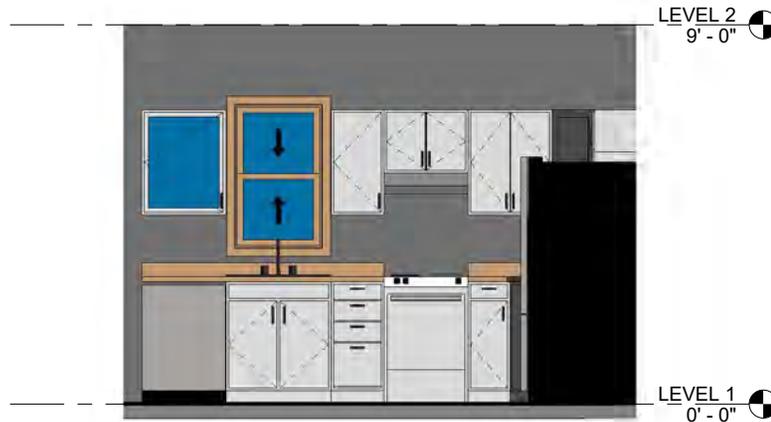




② 3D - KITCHEN VIEW



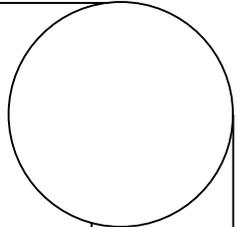
① KITCHEN PLAN
3/8" = 1'-0"



③ KIT-S
3/8" = 1'-0"

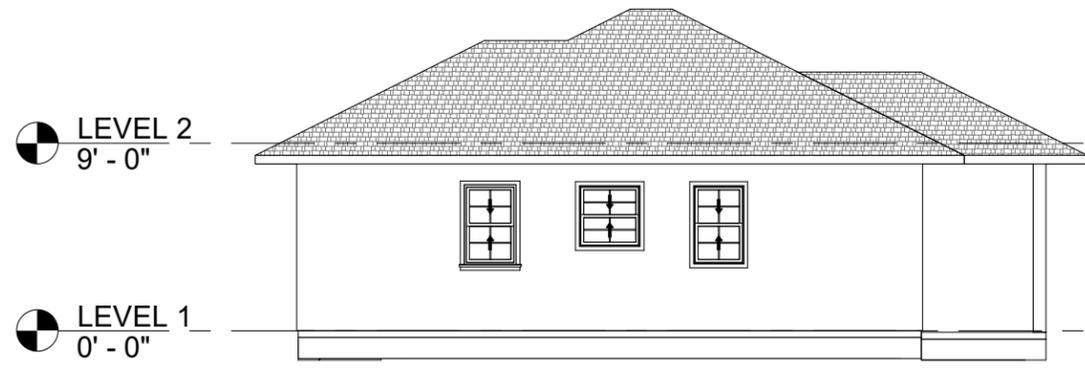


④ KIT-W
3/8" = 1'-0"

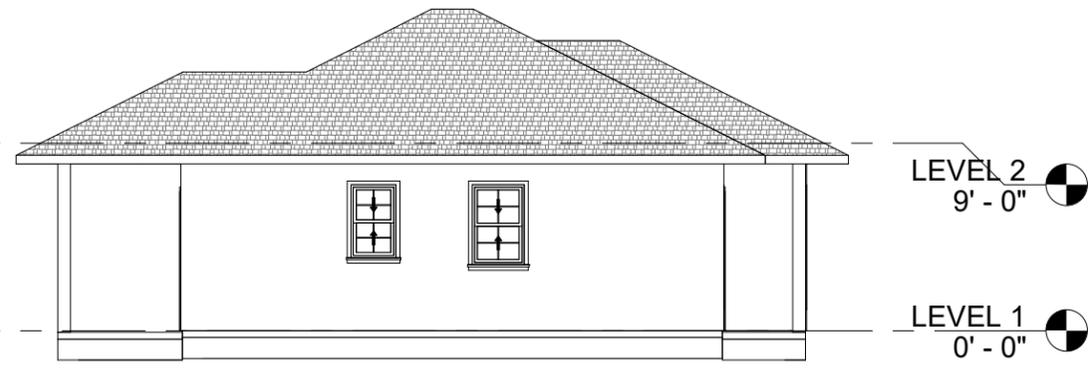


VALENCIA COLLEGE
COTTAGE

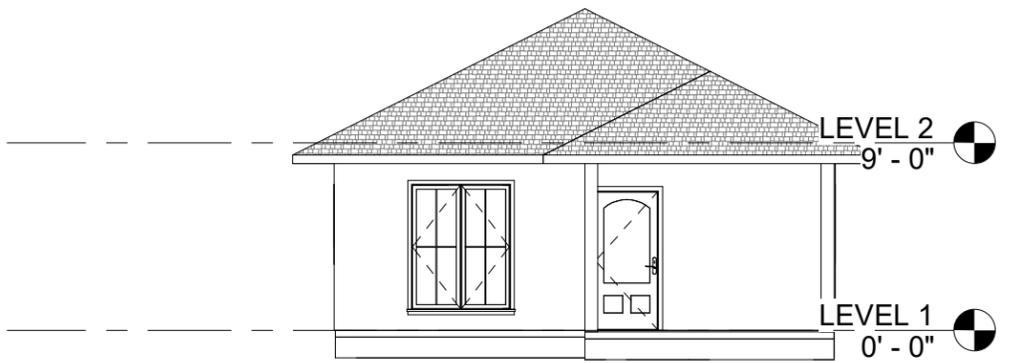
KITCHEN PLAN	
Project #	2020-02
Date	06/06/2020
Drawn by	G. MOSIER
Checked by	A. RAY
Scale	3/8" = 1'-0"
SHEET	
A404	



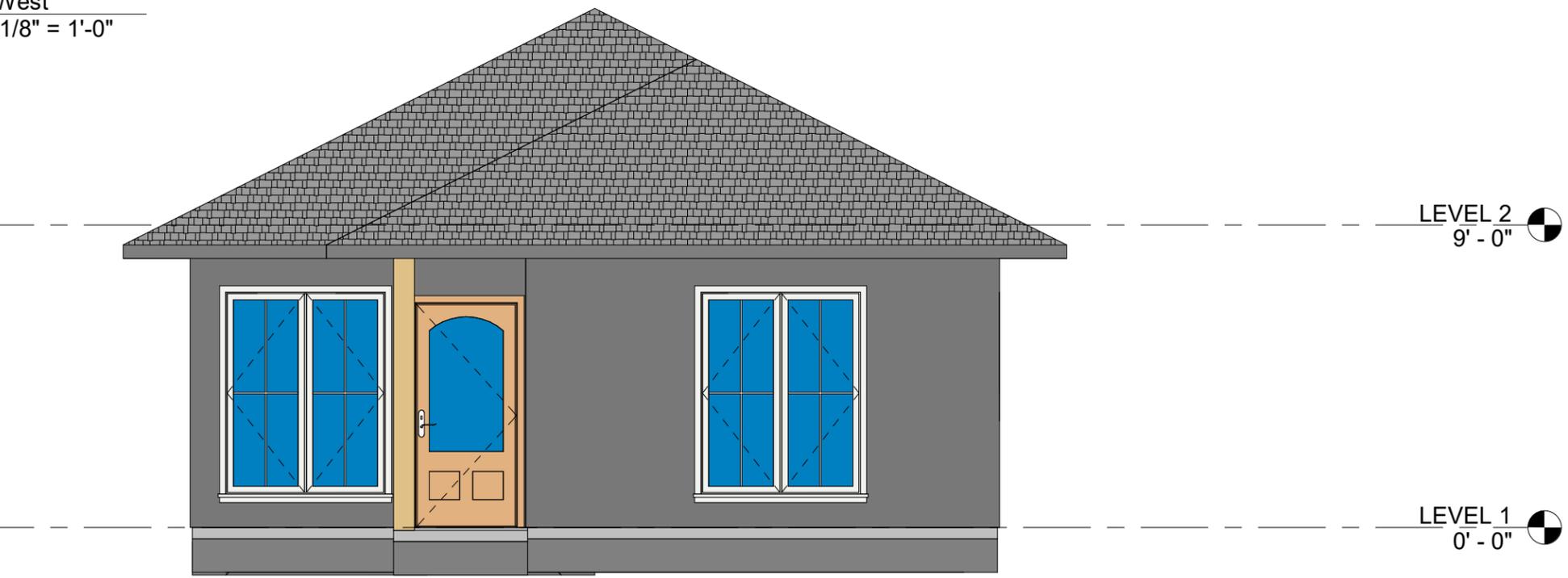
② North
1/8" = 1'-0"



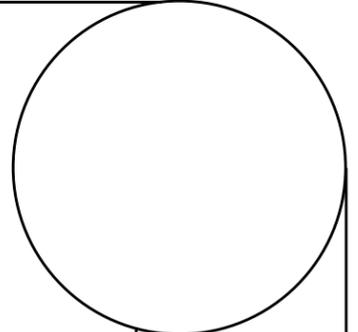
③ South
1/8" = 1'-0"



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	

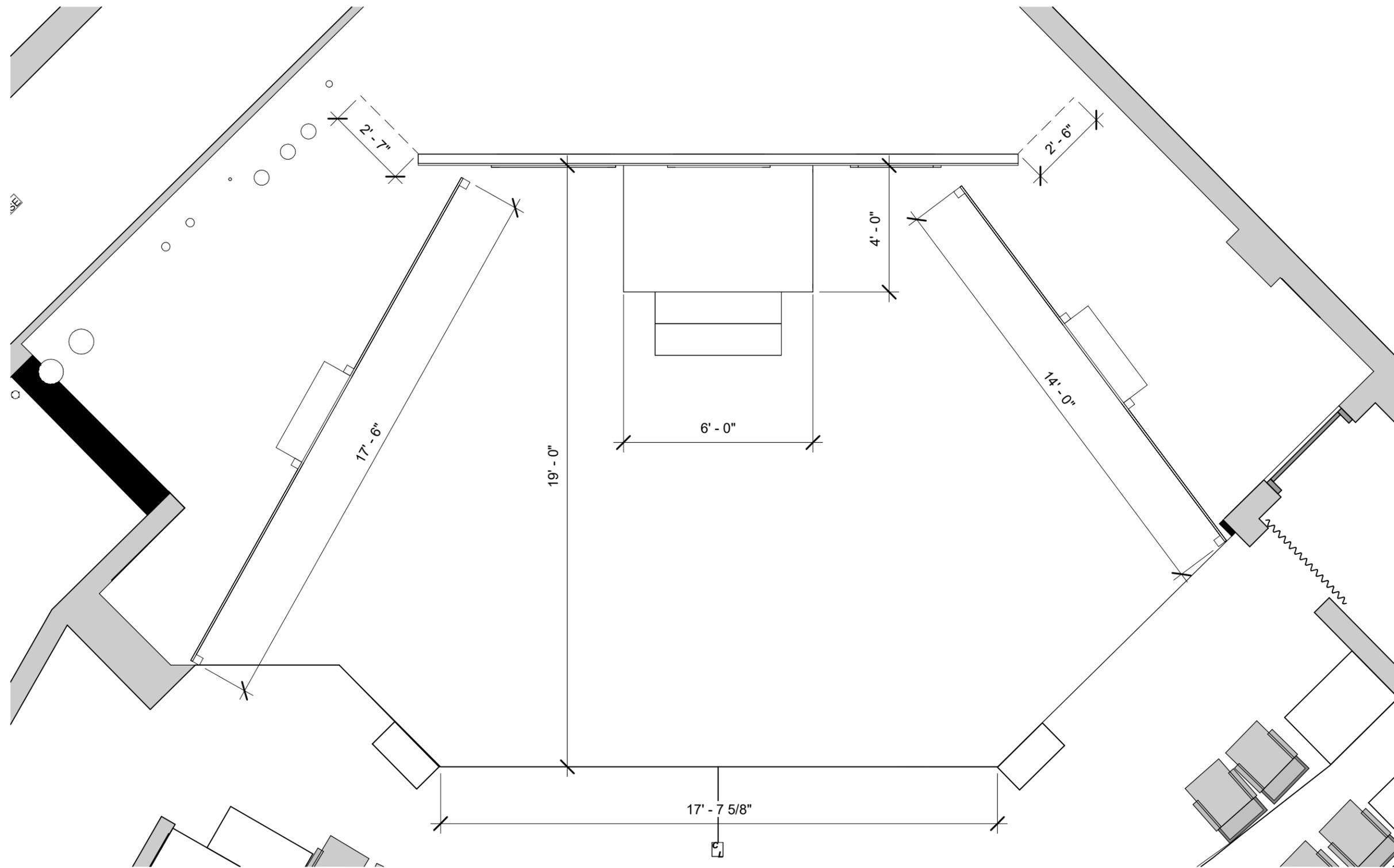
THEATRICAL DESIGN WORK

| 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

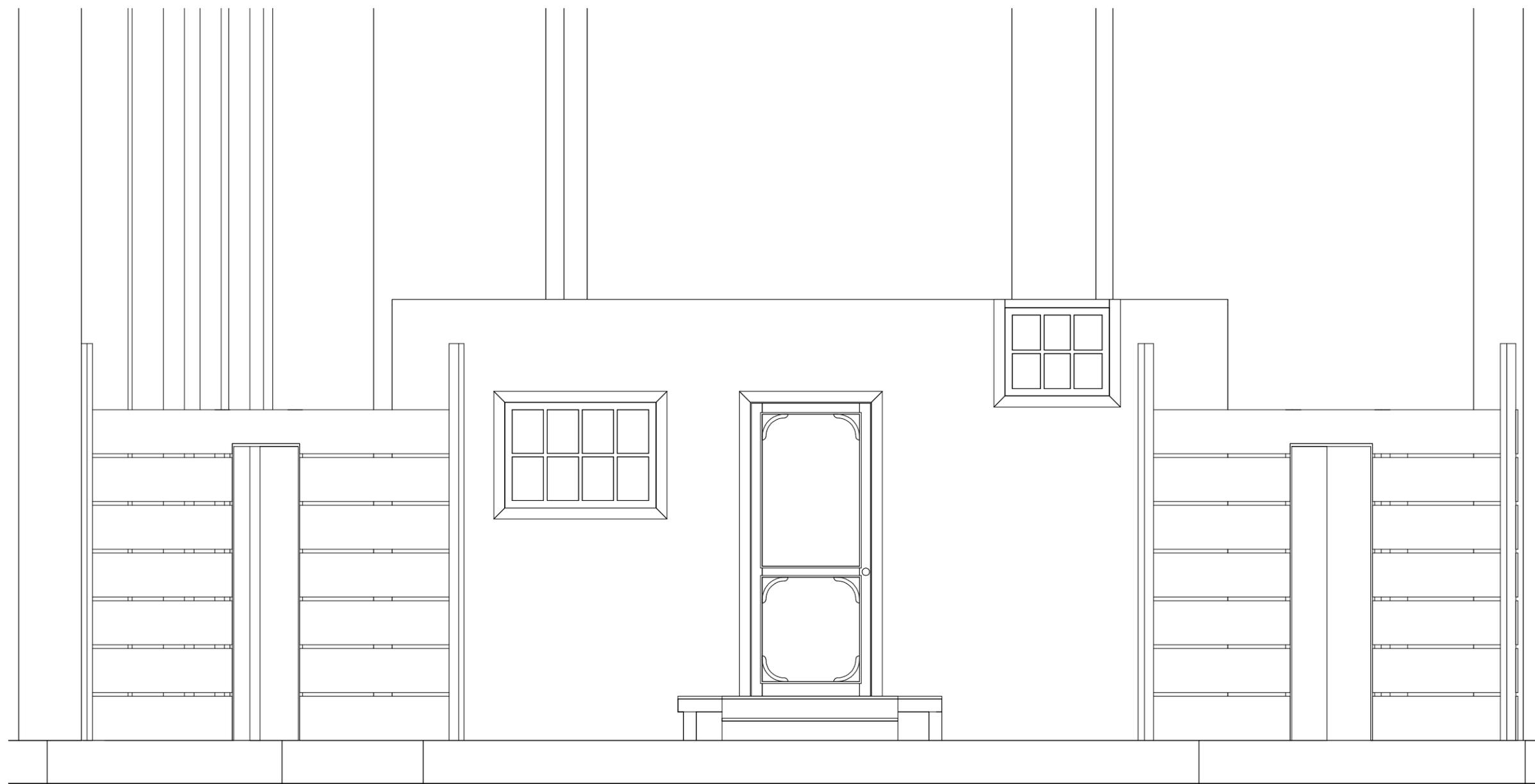
No.	Description	Date

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

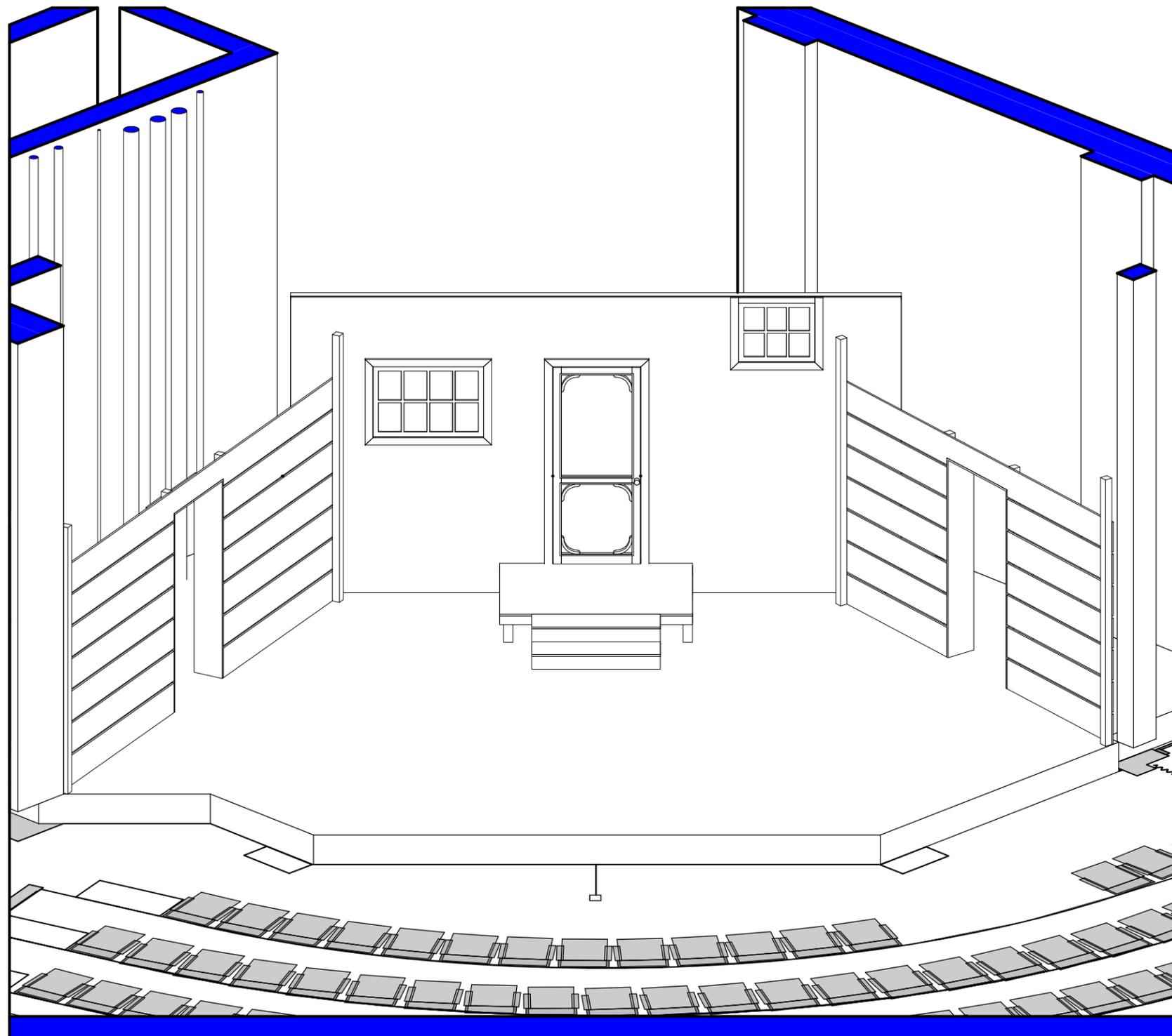
No.	Description	Date

SCENIC ELEVATION

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

TD-102

Scale 3/8" = 1'-0"



① 3D - KELLER BACK PORCH

DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS

MAD COW THEATRE

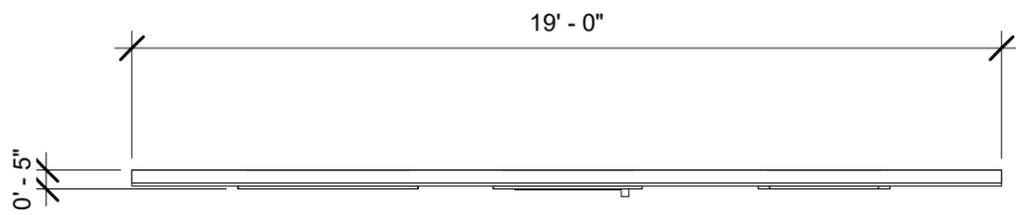
No.	Description	Date

SCENIC 3D VIEW

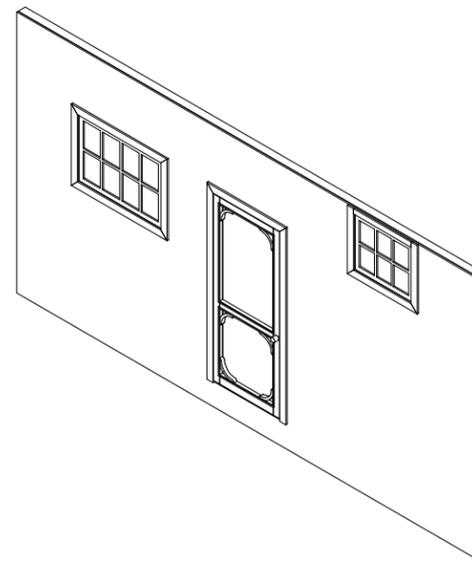
Date 03/03/2020
 Drawn by Author
 Checked by Checker

TD-103

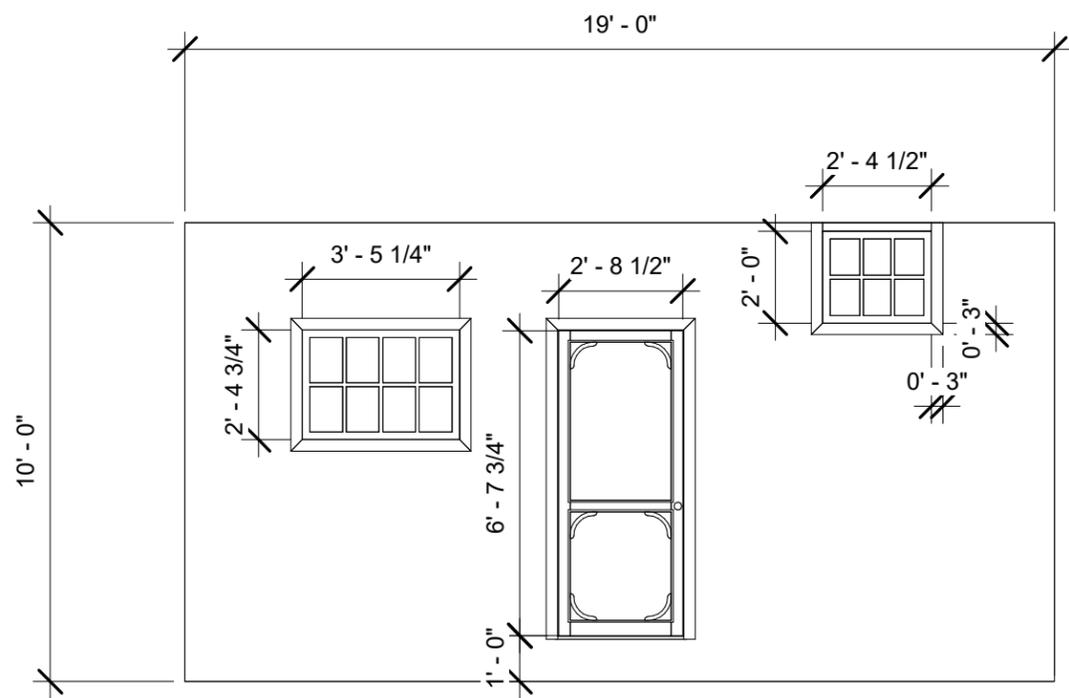
Scale



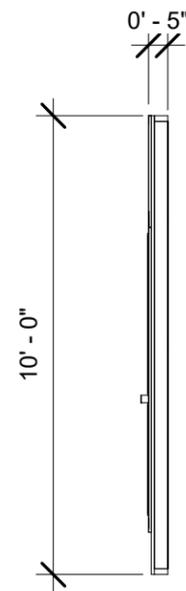
① Elevation Top
1/4" = 1'-0"



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

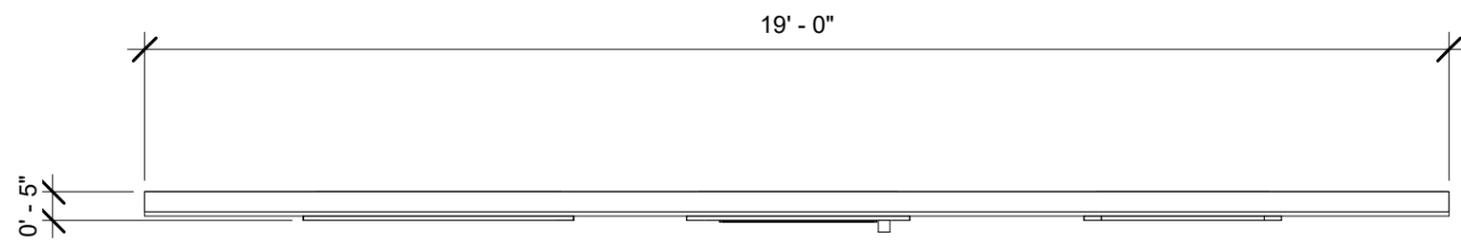
No.	Description	Date

SKRIM WALL ELEVATION

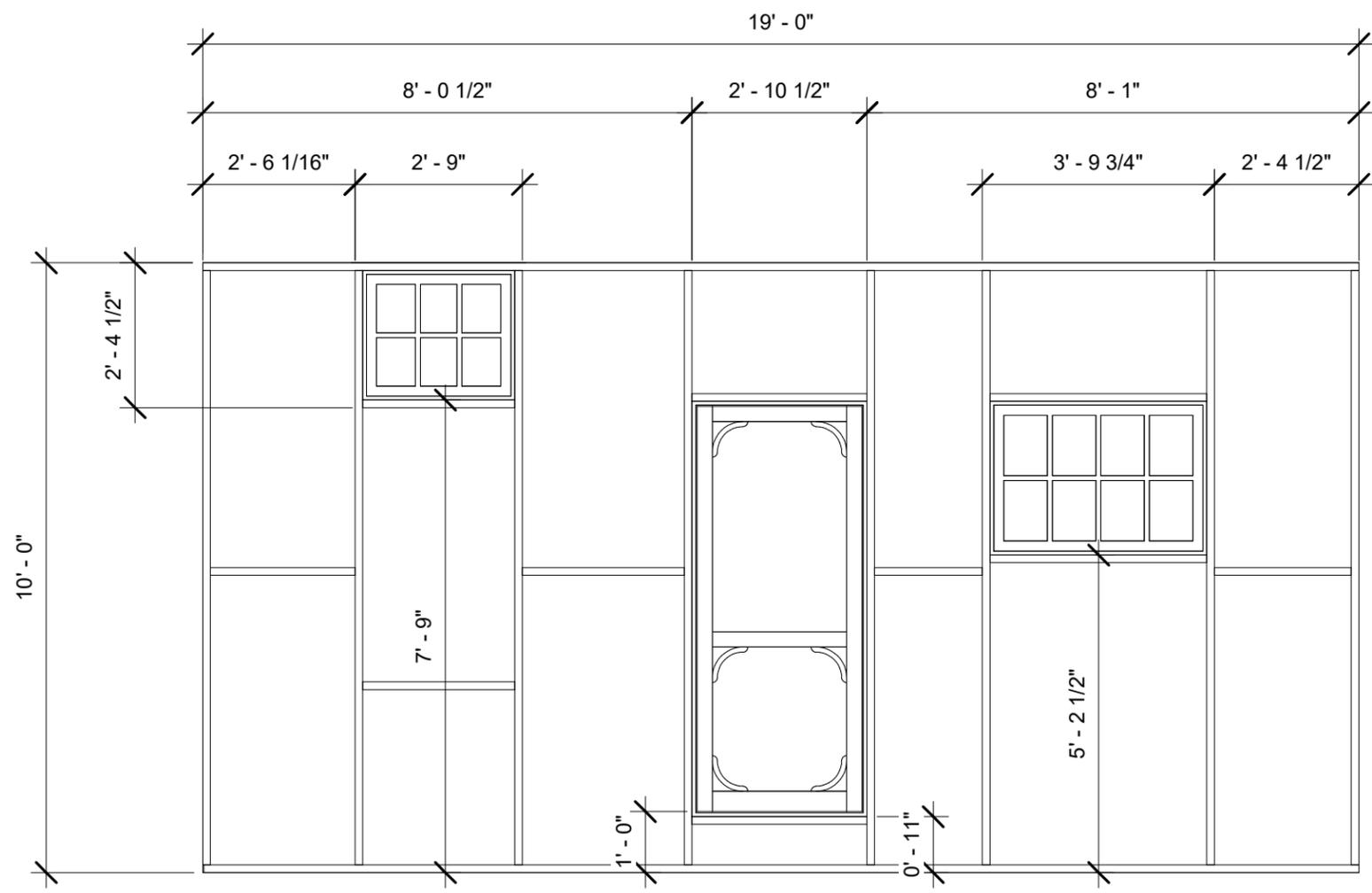
Date 03/03/2020
 Drawn by Author
 Checked by Checker

TD-104

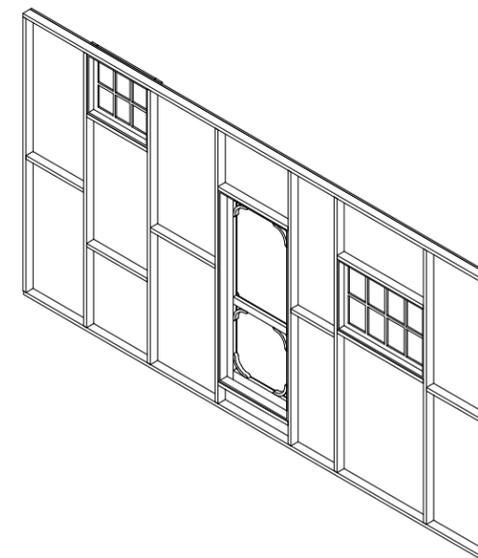
Scale 1/4" = 1'-0"



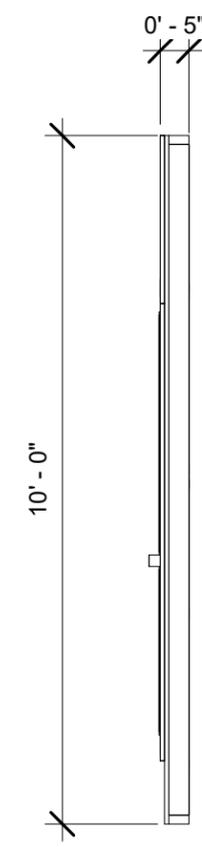
① TOP VIEW
3/8" = 1'-0"



③ REAR VIEW
3/8" = 1'-0"



② ISOMETRIC VIEW



④ RIGHT VIEW
3/8" = 1'-0"

DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

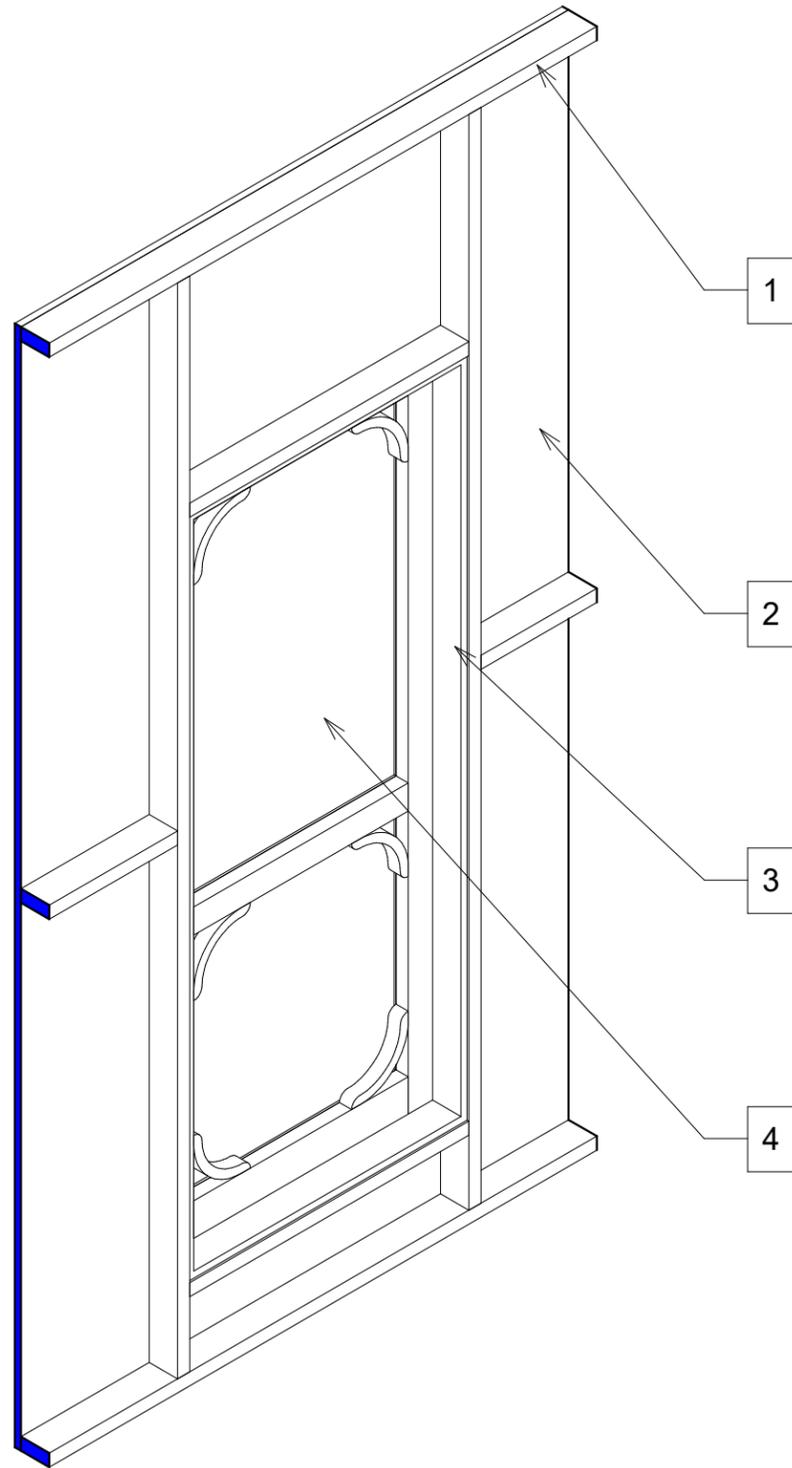
No.	Description	Date

SKRIM WALL STRUCTURAL

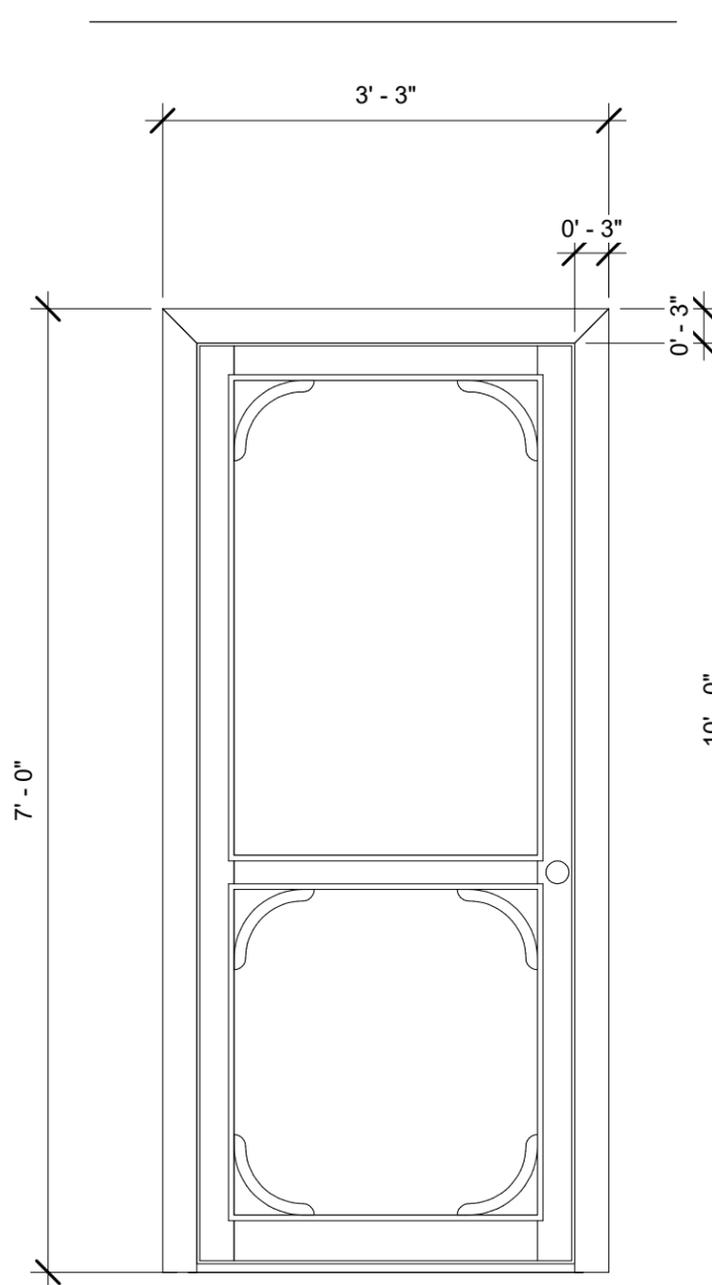
Date 03/03/2020
 Drawn by Author
 Checked by Checker

TD-105

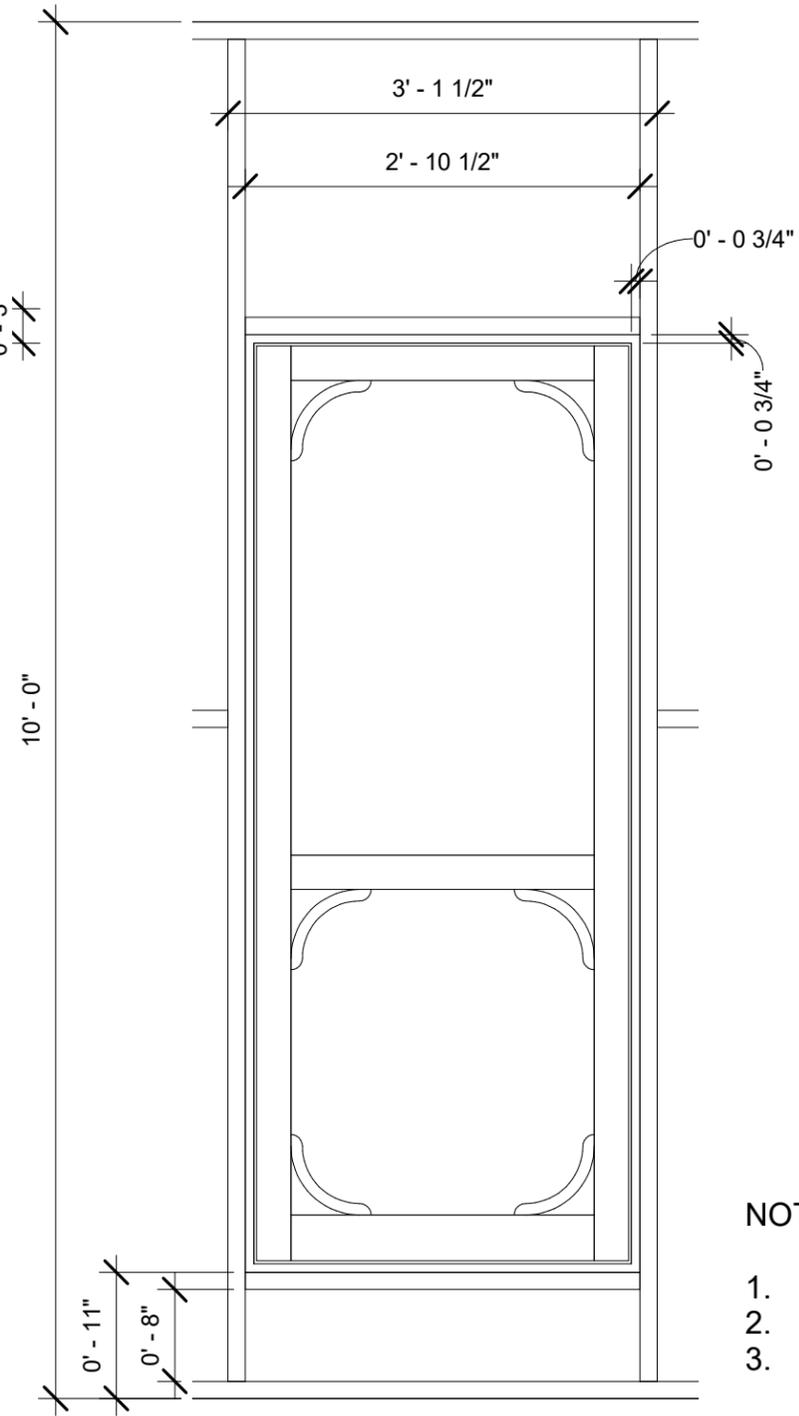
Scale 3/8" = 1'-0"



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

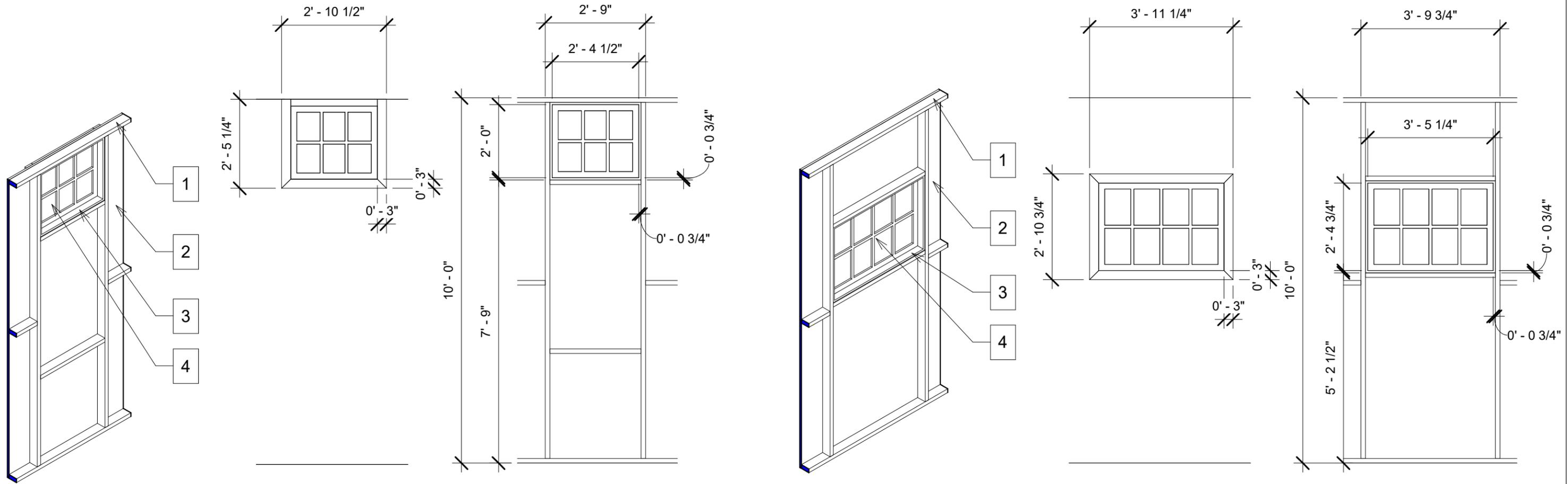
No.	Description	Date

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

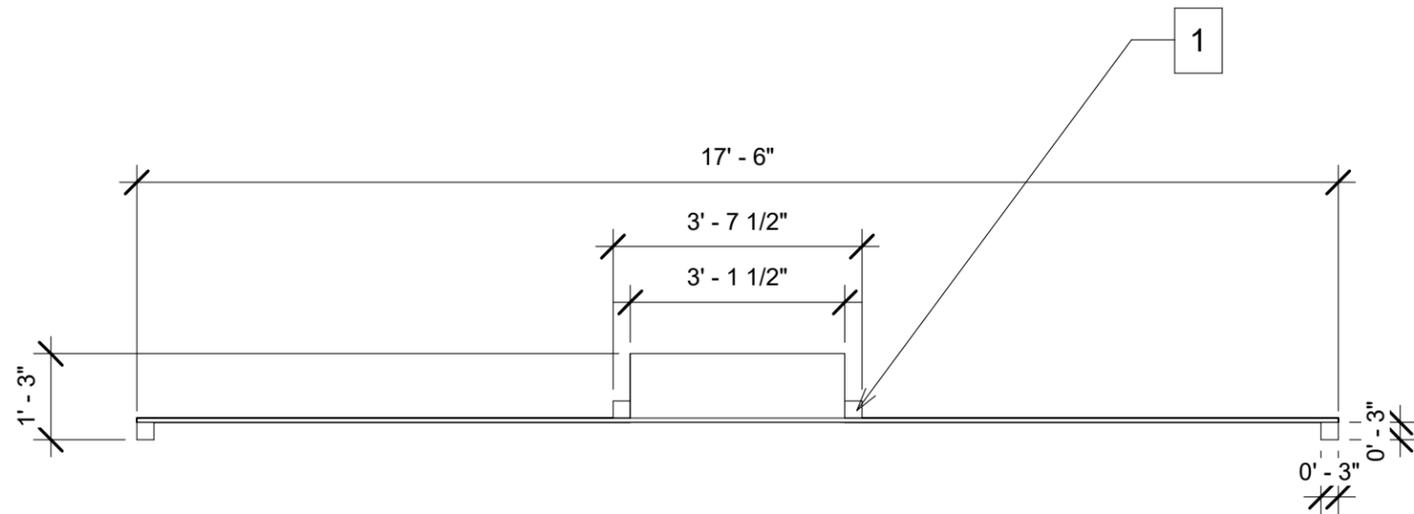
No.	Description	Date

SKRIM WALL SR & SL WINDOW

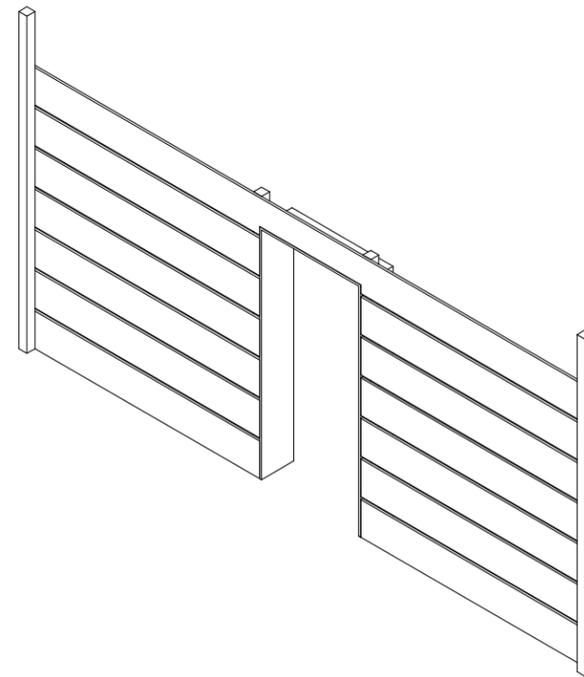
Date 03/03/2020
 Drawn by Author
 Checked by Checker

TD-107

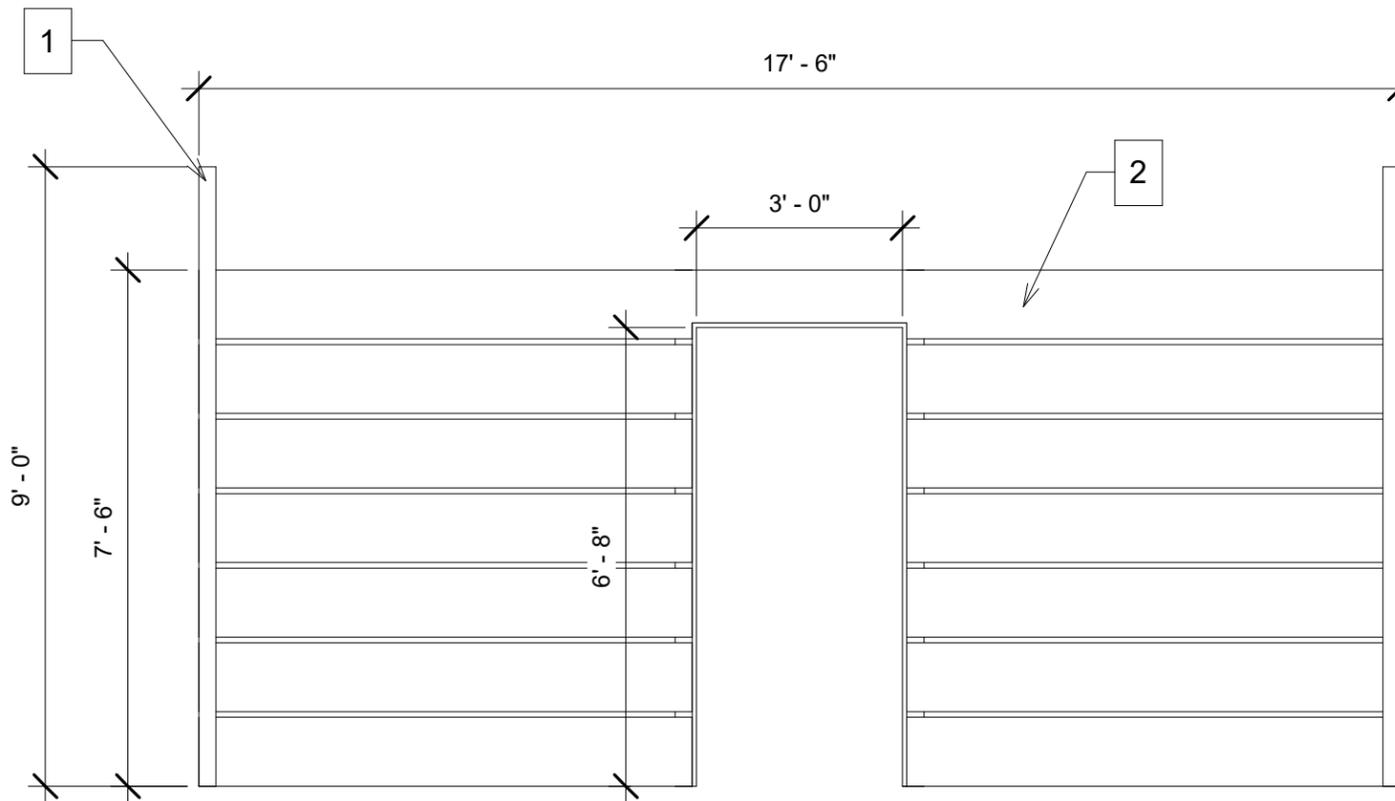
Scale 3/8" = 1'-0"



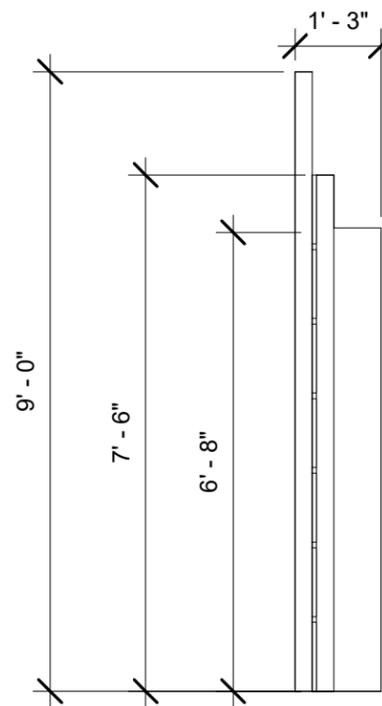
① Elevation Top
3/8" = 1'-0"



② 3D Ortho



③ Elevation Front
3/8" = 1'-0"



④ Elevation Right
3/8" = 1'-0"

NOTES:

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 LENGTHS MAY NEED MODIFICATION AS THEY ARE CONSTRUCTED

DESIGNED BY:

A. WHITTENBERG & G. MOSIER

ALL MY SONS
MAD COW THEATRE

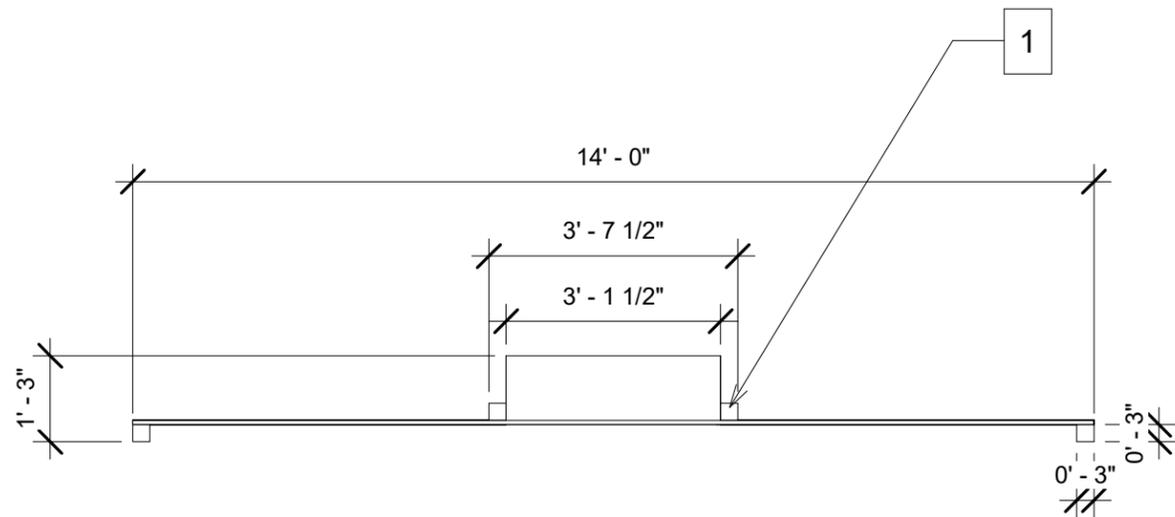
No.	Description	Date

SR FENCE ELEVATION

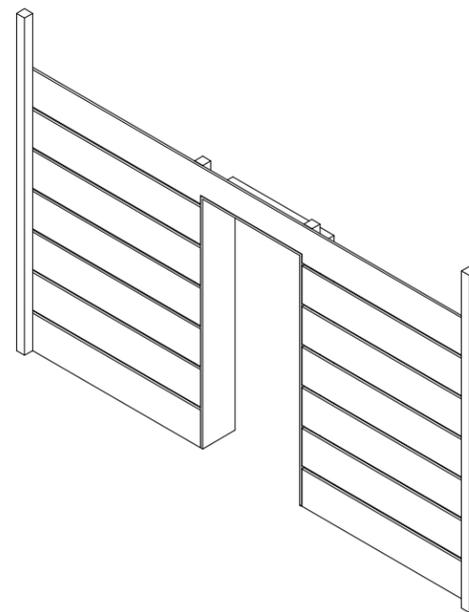
Date 03/03/2020
 Drawn by G. MOSIER
 Checked by A. WHITTENBERG

TD-108

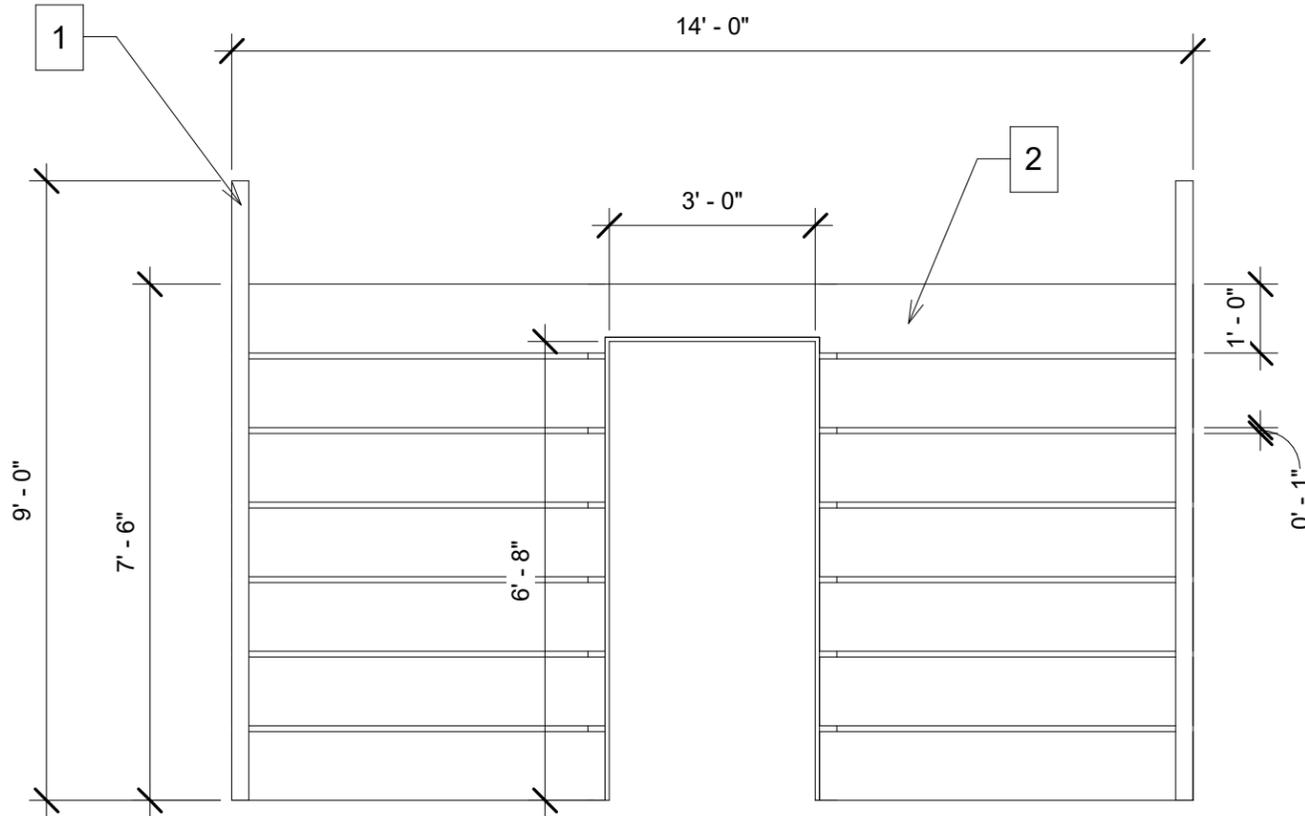
Scale 3/8" = 1'-0"



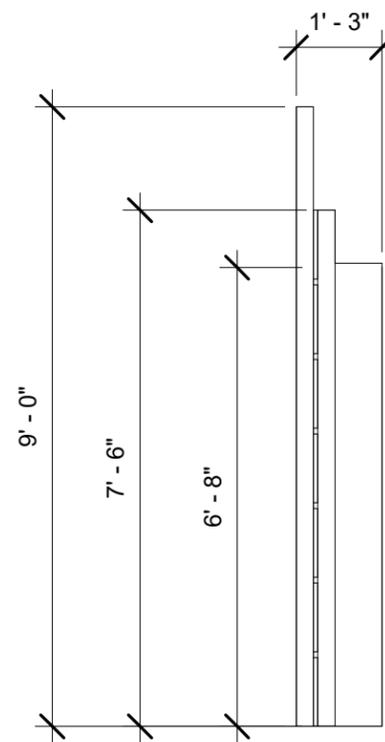
① Elevation Top
3/8" = 1'-0"



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 LENGTHS 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"

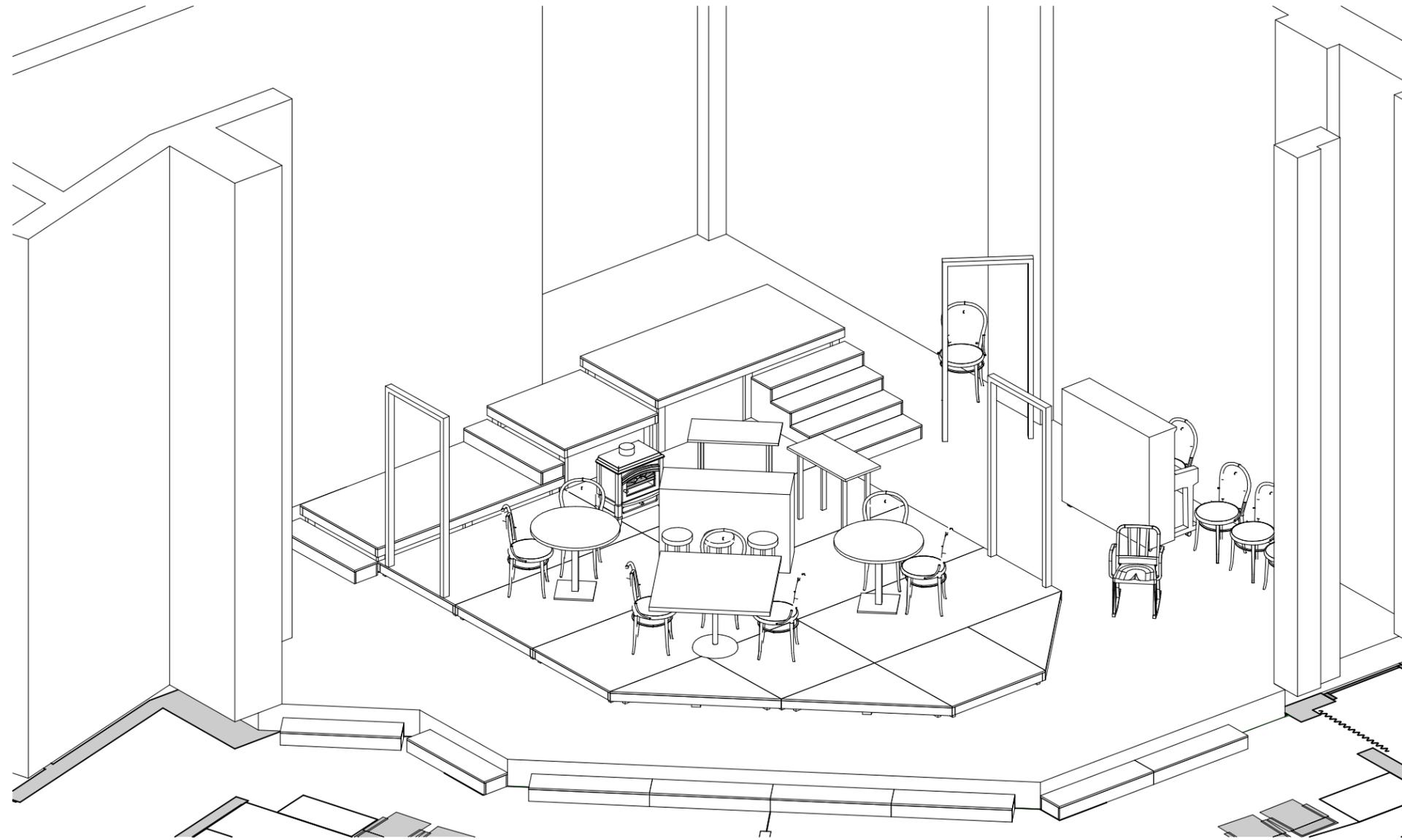
THEATRICAL DESIGN WORK

| 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

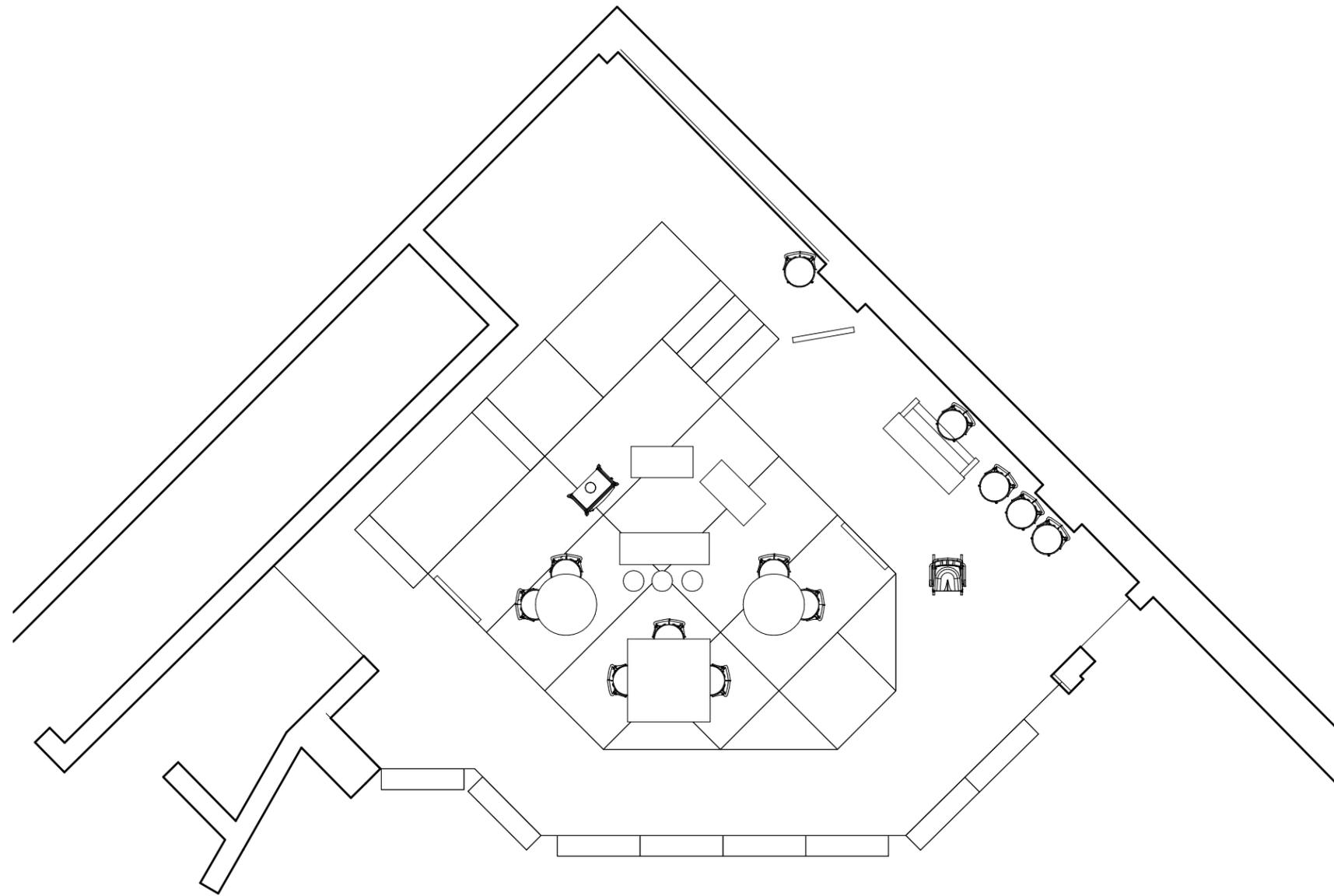
No.	Description	Date

FRONT ELEVATION

Date 11/19/2019
 Drawn by Author
 Checked by Checker

-102

Scale



① GROUND PLAN WITH SCENIC
1 : 75

Designed by:

A. WHITTENBERG & G. MOSIER

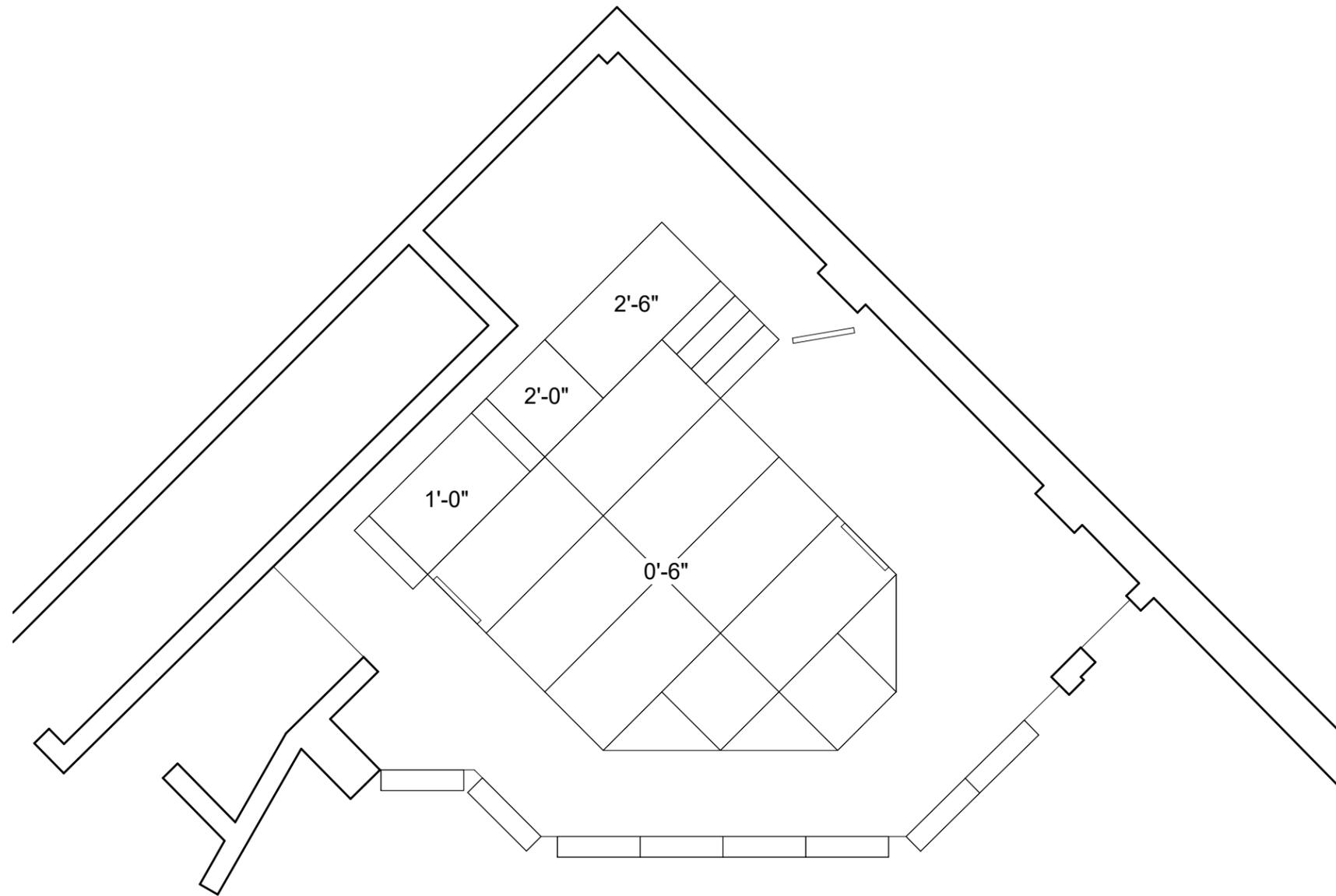
The Spitfire Grill
Mad Cow Theatre

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

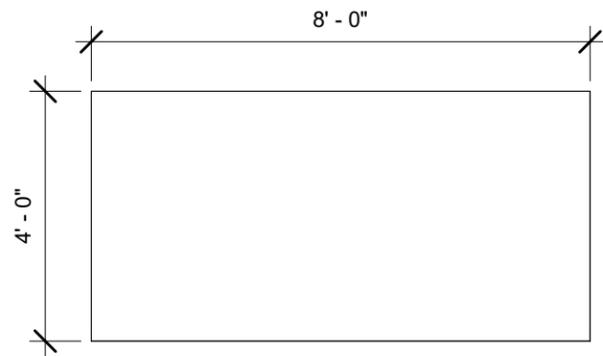
No.	Description	Date

GP - PLATFORM LAYOUT

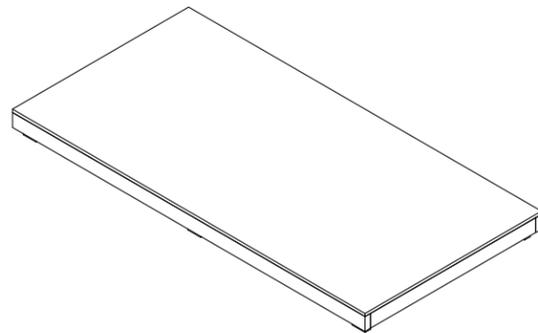
Date 11/19/2019
 Drawn by Author
 Checked by Checker

-103

Scale 1 : 75



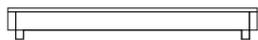
① Elevation Top
3/8" = 1'-0"



② 6IN PLATFORM



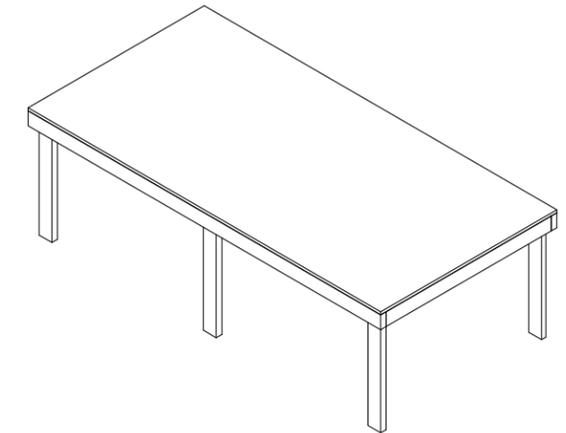
③ Elevation Front
3/8" = 1'-0"



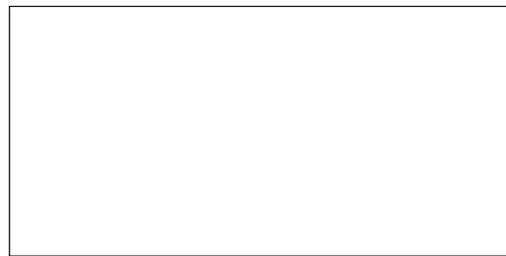
④ Elevation Right
3/8" = 1'-0"



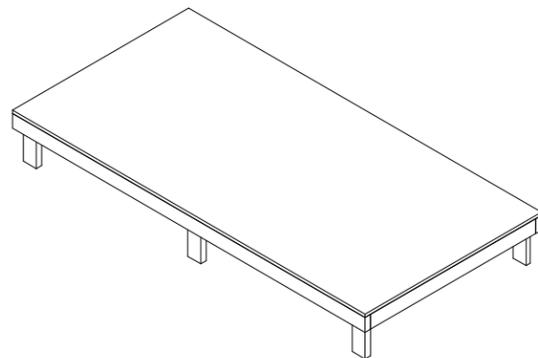
⑨ Elevation Top
3/8" = 1'-0"



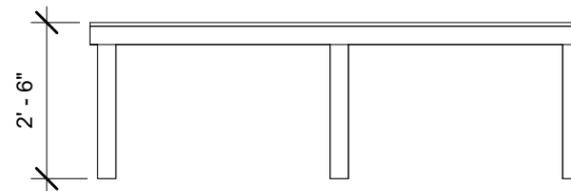
⑩ 2 1/2FT PLATFORM



⑤ Elevation Top
3/8" = 1'-0"



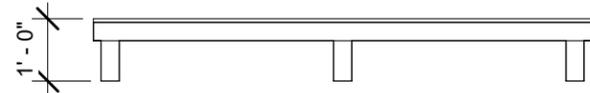
⑥ 1FT PLATFORM



⑪ Elevation Front
3/8" = 1'-0"



⑫ Elevation Right
3/8" = 1'-0"



⑦ Elevation Front
3/8" = 1'-0"



⑧ Elevation Right
3/8" = 1'-0"

NOTES:

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

Designed by:

A. WHITTENBERG & G. MOSIER

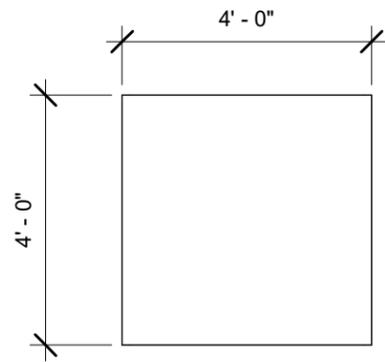
The Spitfire Grill
Mad Cow Theatre

No.	Description	Date

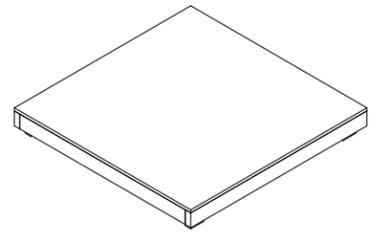
DS - 4' X 8' PLATFORMS

Date 11/19/2019
Drawn by Author
Checked by Checker

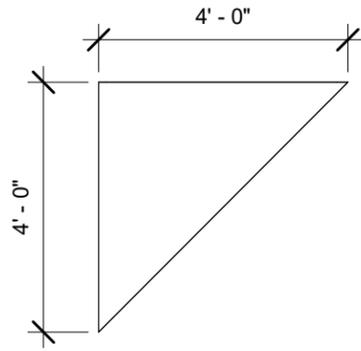
-106
Scale 3/8" = 1'-0"



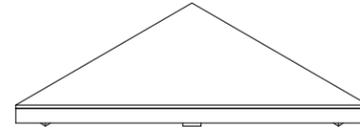
① Elevation Top
3/8" = 1'-0"



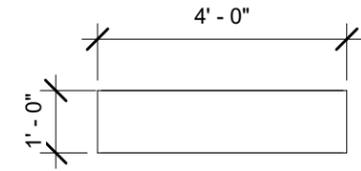
② 6IN PLATFORM



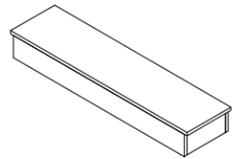
⑨ Elevation Top
3/8" = 1'-0"



⑩ 4FT TRIANGULAR PLATFORMS



⑰ Elevation Top
3/8" = 1'-0"



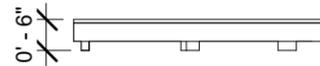
⑱ MODULAR STEP



③ Elevation Front
3/8" = 1'-0"



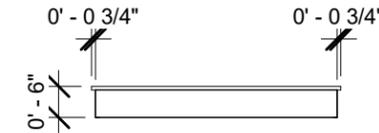
④ Elevation Right
3/8" = 1'-0"



⑪ Elevation Front
3/8" = 1'-0"



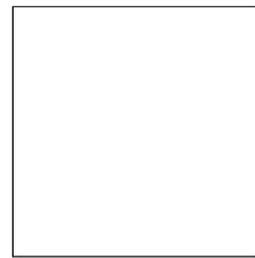
⑫ Elevation Right
3/8" = 1'-0"



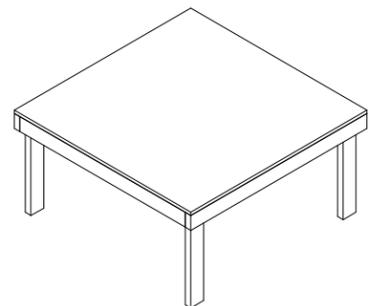
⑲ Elevation Front
3/8" = 1'-0"



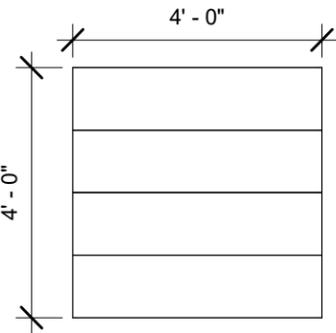
⑳ Elevation Right
3/8" = 1'-0"



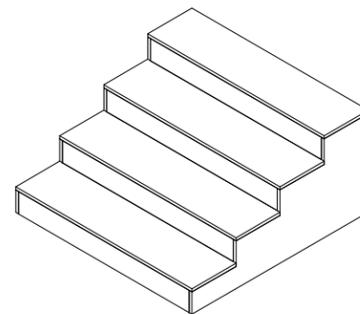
⑤ Elevation Top
3/8" = 1'-0"



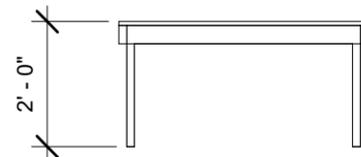
⑥ 2FT PLATFORMS



⑬ Elevation Top
3/8" = 1'-0"



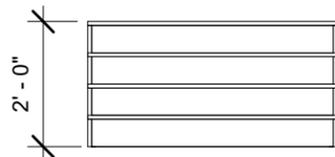
⑭ 3D Ortho



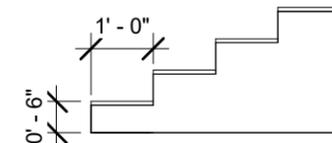
⑦ Elevation Front
3/8" = 1'-0"



⑧ Elevation Right
3/8" = 1'-0"



⑮ Elevation Front
3/8" = 1'-0"



⑯ Elevation Right
3/8" = 1'-0"

NOTES:

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Designed by:

A. WHITTENBERG & G. MOSIER

The Spitfire Grill
Mad Cow Theatre

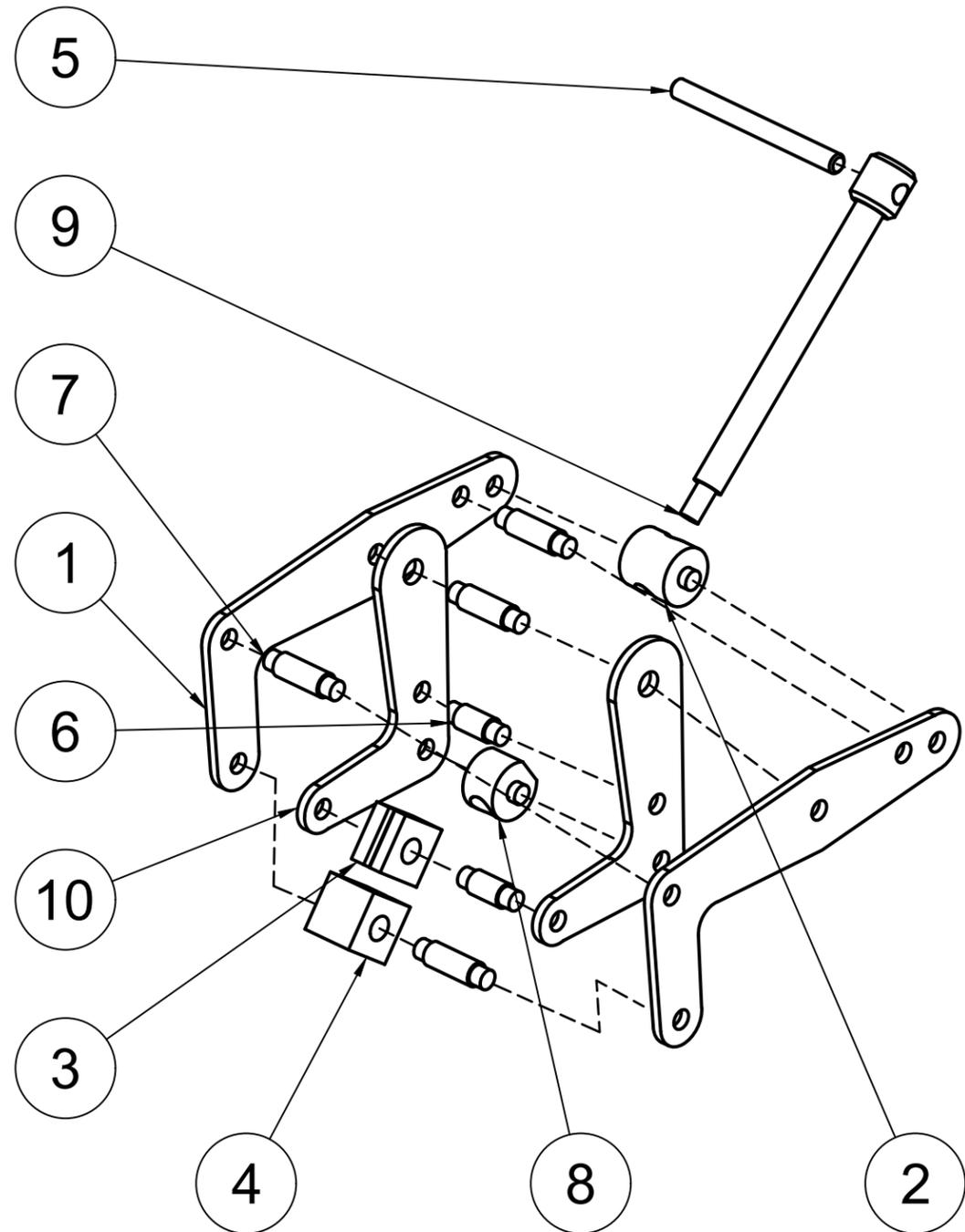
No.	Description	Date

DS - 4FT X 4FT PLATFORMS

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

VALENCIA COMMUNITY COLLEGE

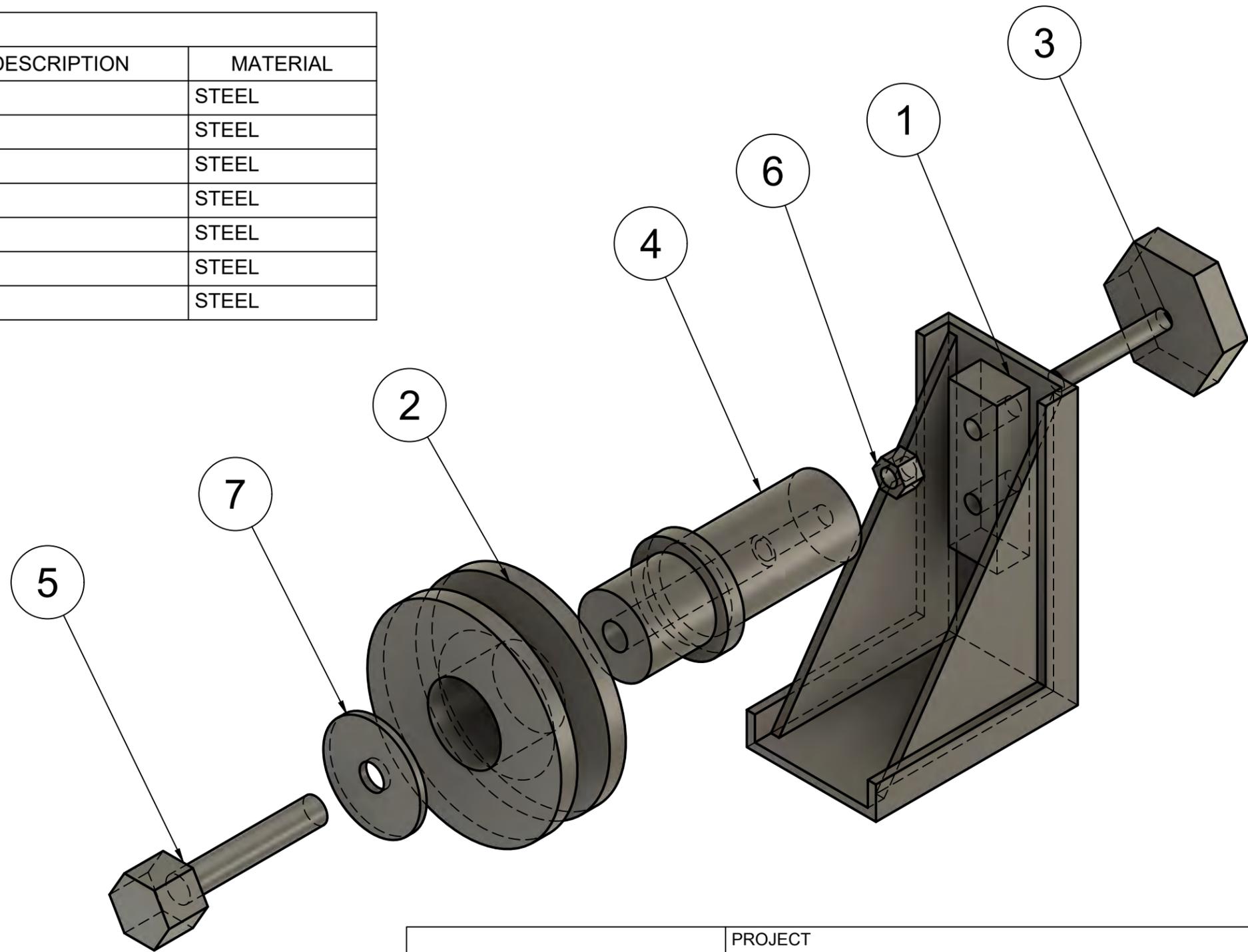
| 3D CAD COURSE |



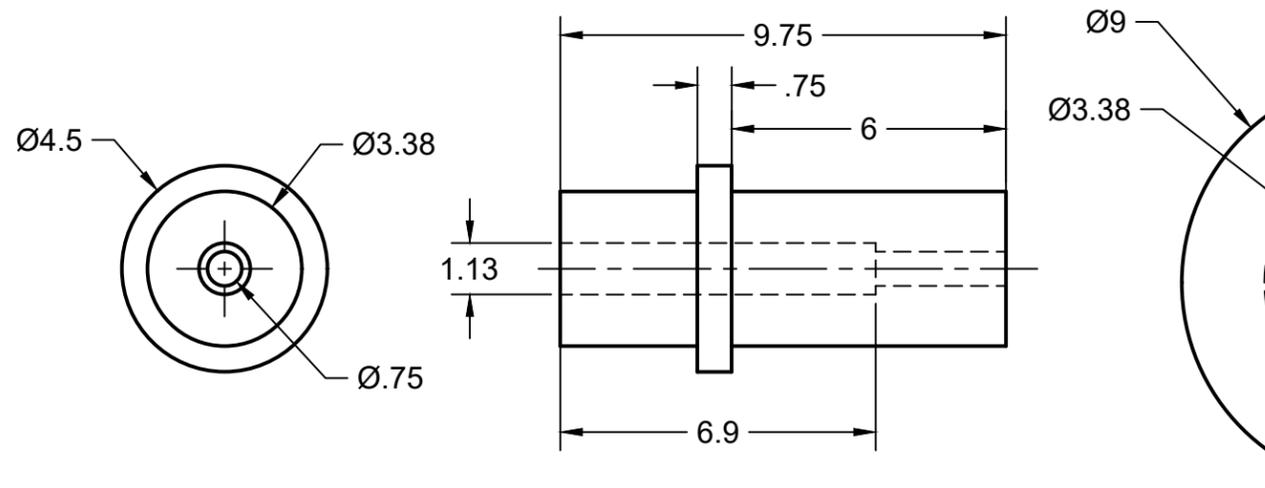
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	2	BRACE A		STEEL
2	1	HINGE A		STEEL
3	1	GRIP B		STEEL
4	1	GRIP A		STEEL
5	1	HANDLE		STEEL
6	2	PIN B		STEEL
7	4	PIN A		STEEL
8	1	HINGE B		STEEL
9	1	SHAFT		STEEL
10	2	BRACE B		STEEL

		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

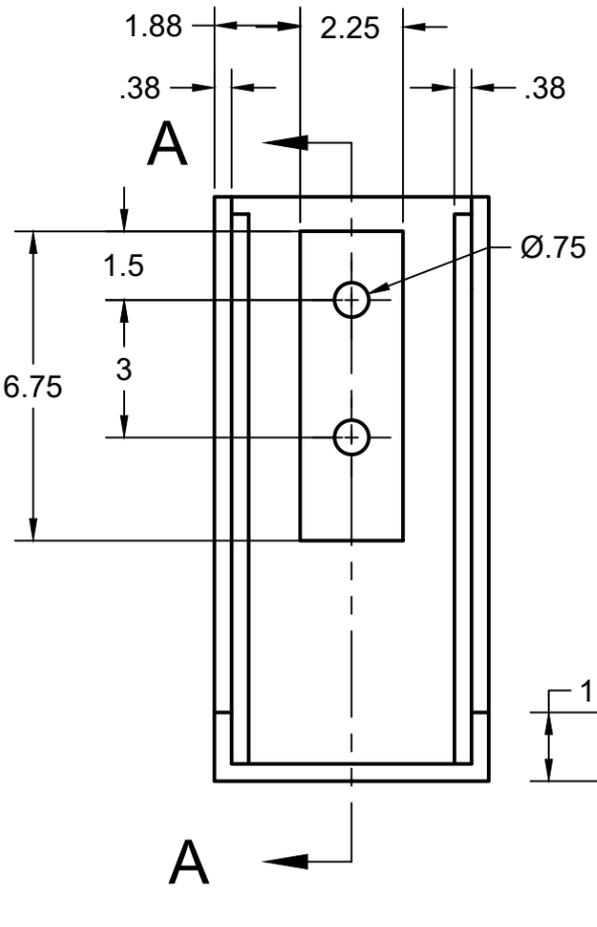
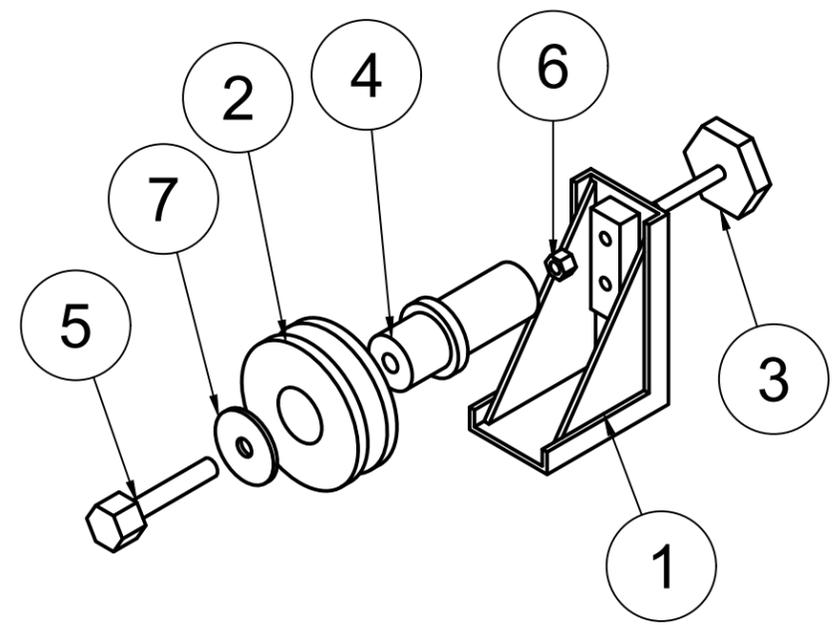


		PROJECT		
		Admin Project		
		TITLE		
		Pulley Support - Exploded View		
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	B			
DRAWN	Gavin Mosier	7/26/2020	SCALE 1:4	WEIGHT
				SHEET 1/1

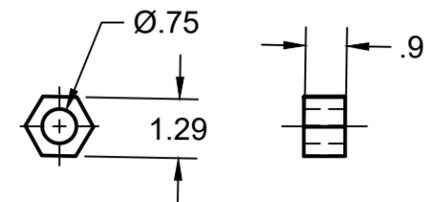


4 - BUSHING
MATERIAL: STEEL

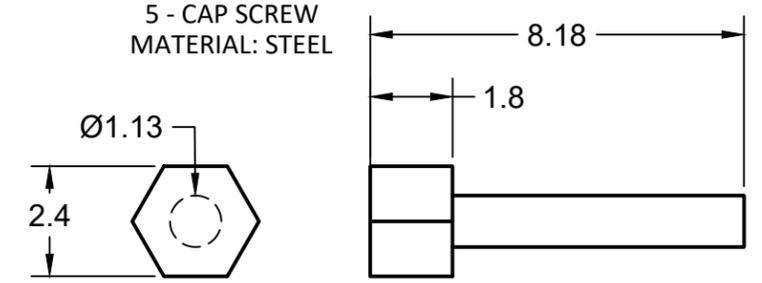
2 - PULLEY
MATERIAL: STEEL



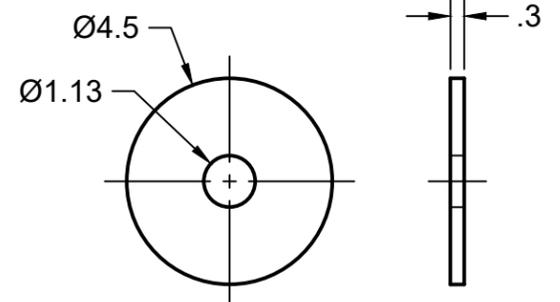
1 - BRACKET
MATERIAL: STEEL



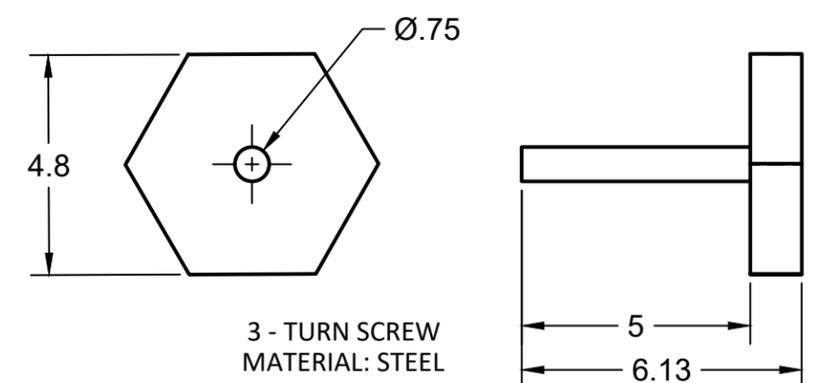
6 - NUT
MATERIAL: STEEL



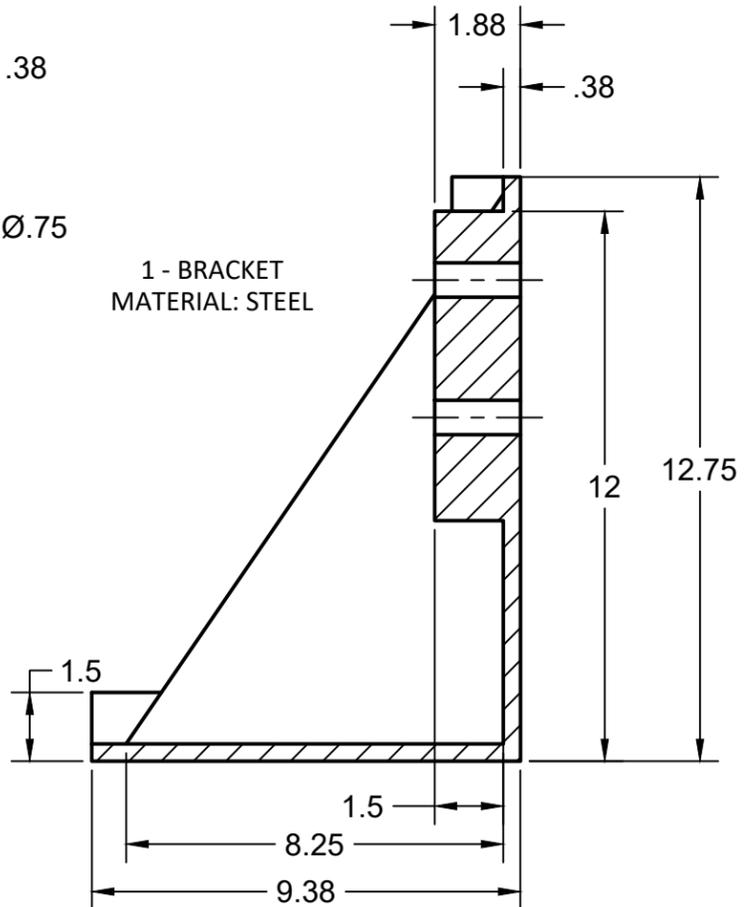
5 - CAP SCREW
MATERIAL: STEEL



7 - WASHER
MATERIAL: STEEL



3 - TURN SCREW
MATERIAL: STEEL



SECTION A-A
SCALE 1:4

PROJECT				
PARTS DETAILS				
TITLE				
Pulley Support - Exploded View				
APPROVED A. EMIGH	SIZE	CODE	DWG NO	REV
CHECKED A. EMIGH	B			
DRAWN G. MOSIER	7/26/2020	SCALE 1:4	WEIGHT	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