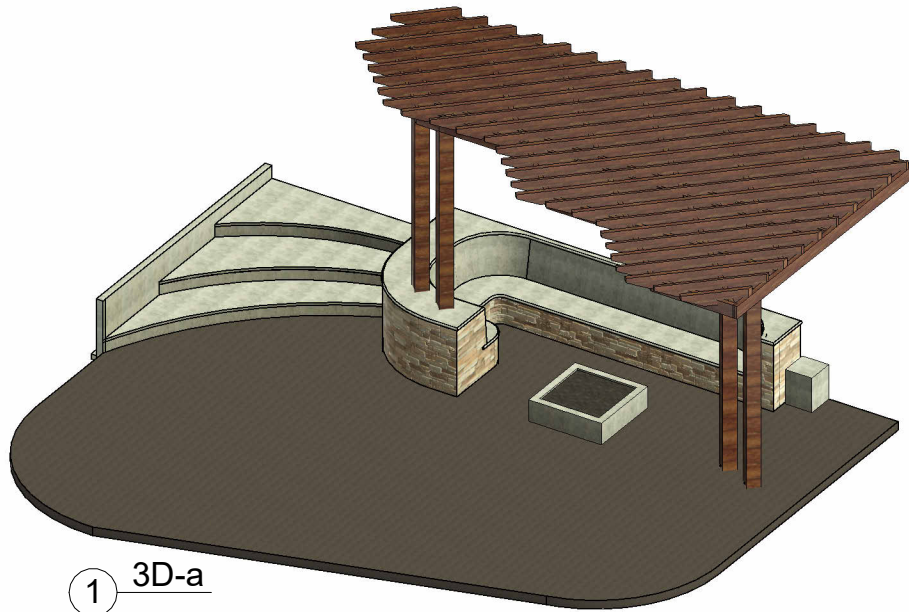


② 3D-b



① 3D-a

**B**<sub>est</sub>  
**C**<sub>onstruction</sub>  
**P**<sub>ractices</sub>



Project number 2102001.05

Drawn by WNB

Project Issue Date February 01,2021

Checked by Checker

**Sapphire House**

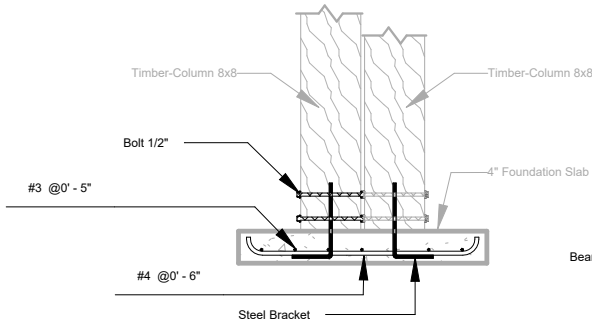
**3D**

Laura Welke

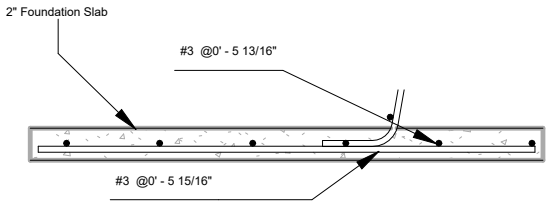
**DSH-105.-01**

Fire Pit Area

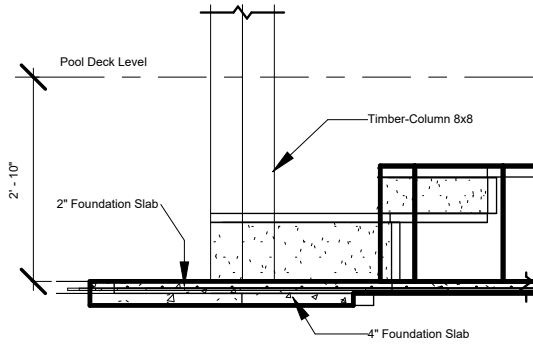
Scale



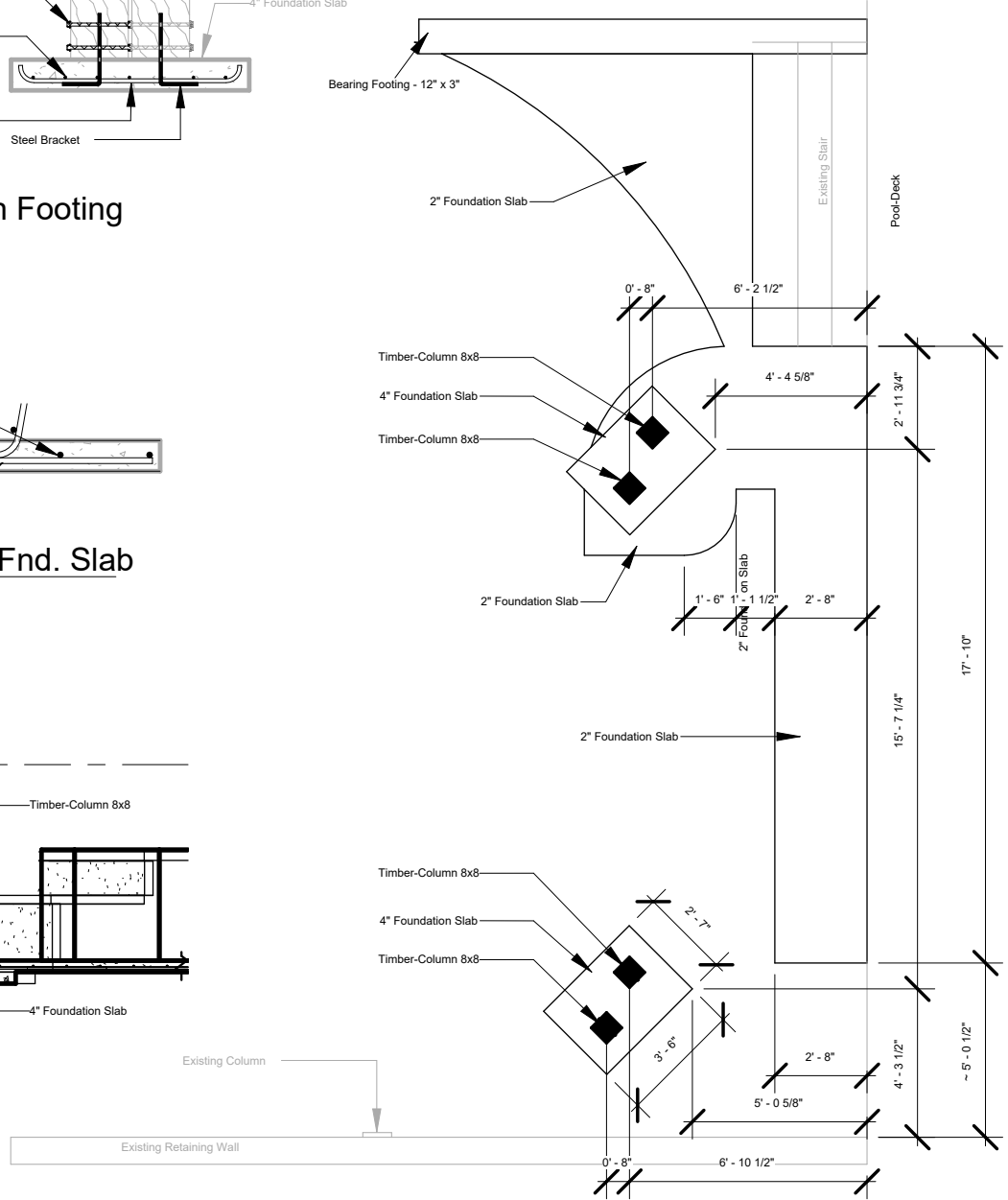
④ Rebar Column Footing  
1/2" = 1'-0"



③ Rebar Bench Fnd. Slab  
1" = 1'-0"



② Elevation  
3/8" = 1'-0"



① Footing/Foundation Plan  
3/16" = 1'-0"

**B**est  
**C**onstruction  
**P**ractices



Project number 2102001.05

Project Issue Date February 01, 2021

**Sapphire House**

**Laura Welke**

Fire Pit Area

Drawn by WNB

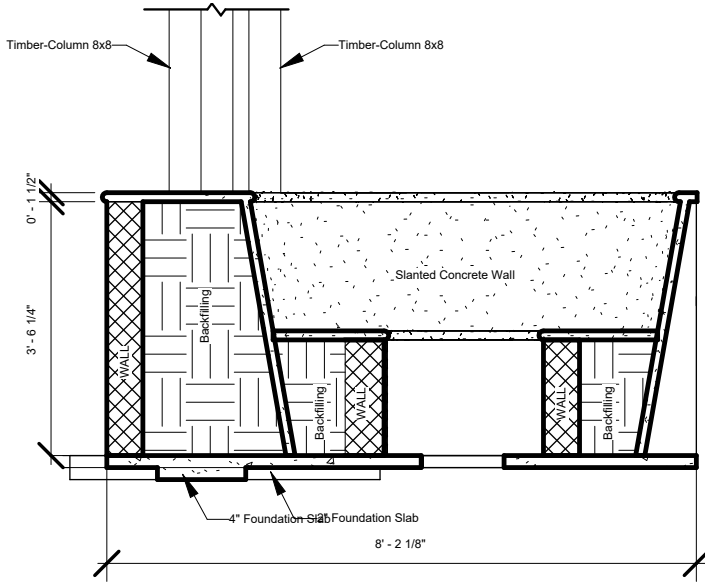
Checked by Checker

**Footings/Fnd. Plan**

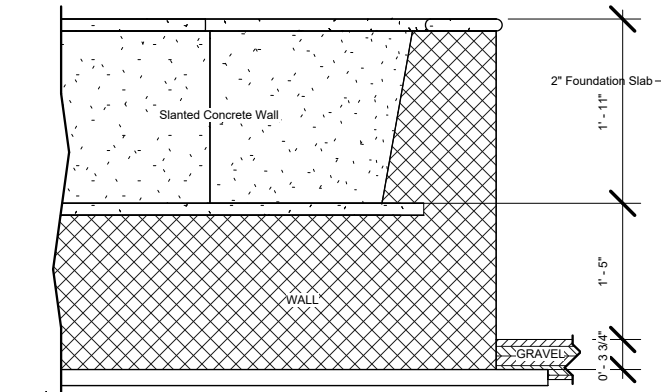
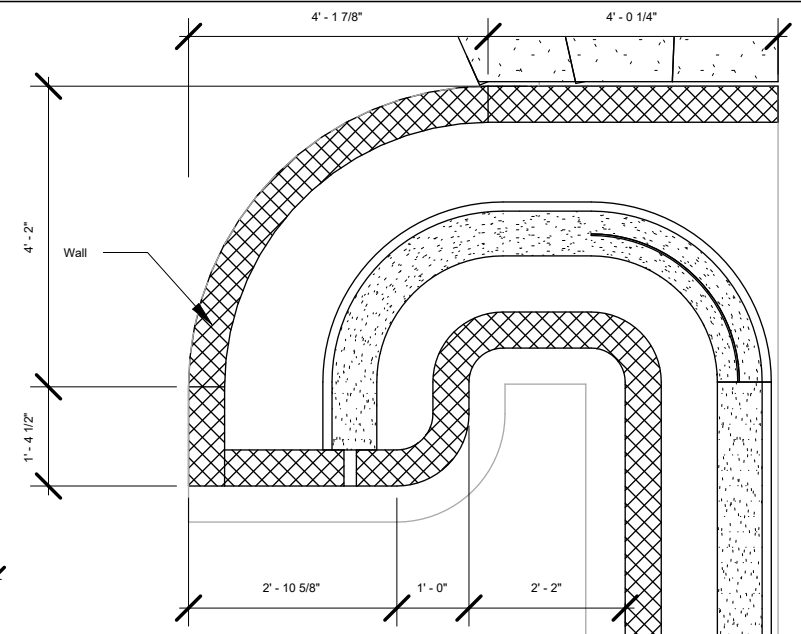
**DSH-105.-02**

Scale

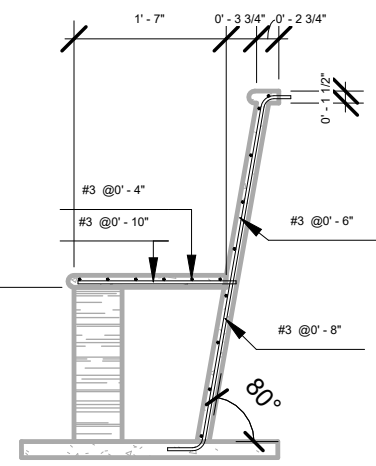
As indicated



3 Section "Counter"/Bench  
3/8" = 1'-0"



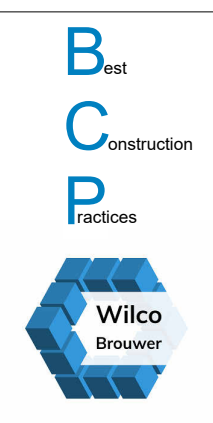
4 Bench End  
1/2" = 1'-0"



2 Rebar Bench  
1/2" = 1'-0"

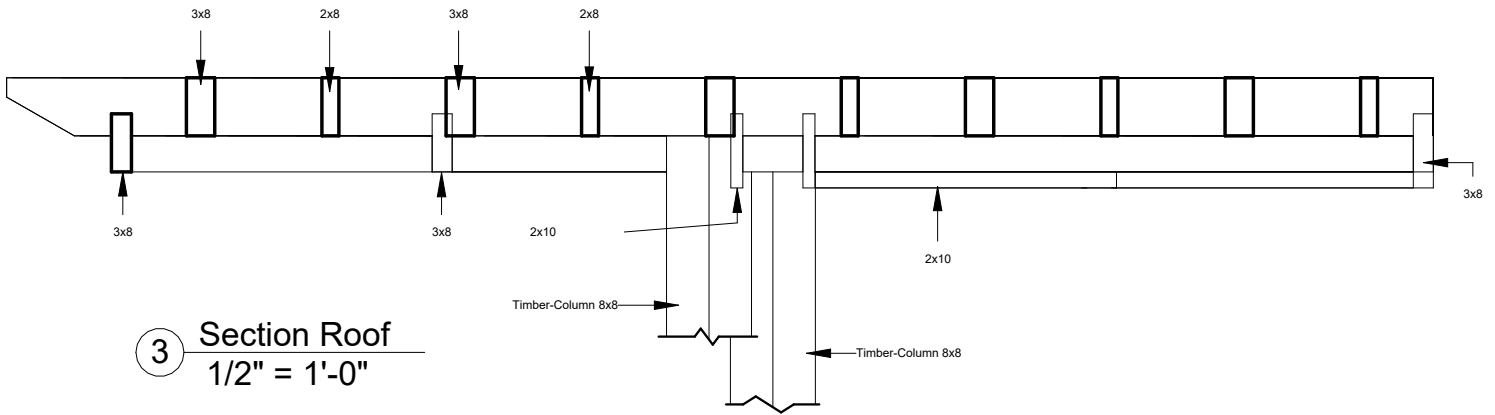
1 Bench Plan  
3/8" = 1'-0"

Slanted Concrete Wall

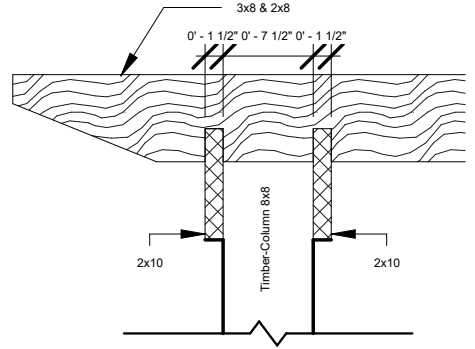


Project number	2102001.05
Project Issue Date	February 01, 2021
<b>Sapphire House</b>	
Laura Welke	
Fire Pit Area	

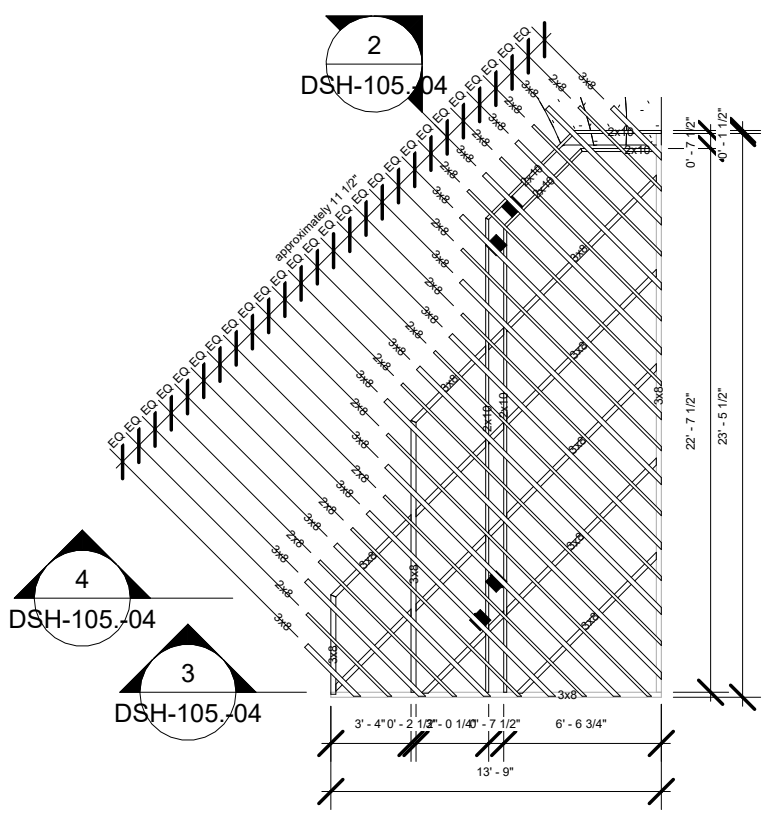
Drawn by	WNB
Checked by	Checker
<b>Bench Plan</b>	
<b>DSH-105.-03</b>	
Scale	As indicated



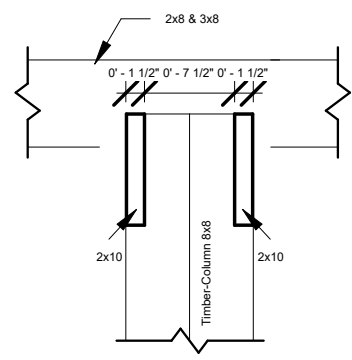
3 Section Roof  
1/2" = 1'-0"



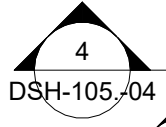
2 Section 1 Column  
3/4" = 1'-0"





1 Pergola Roof Plan  
1/8" = 1'-0"

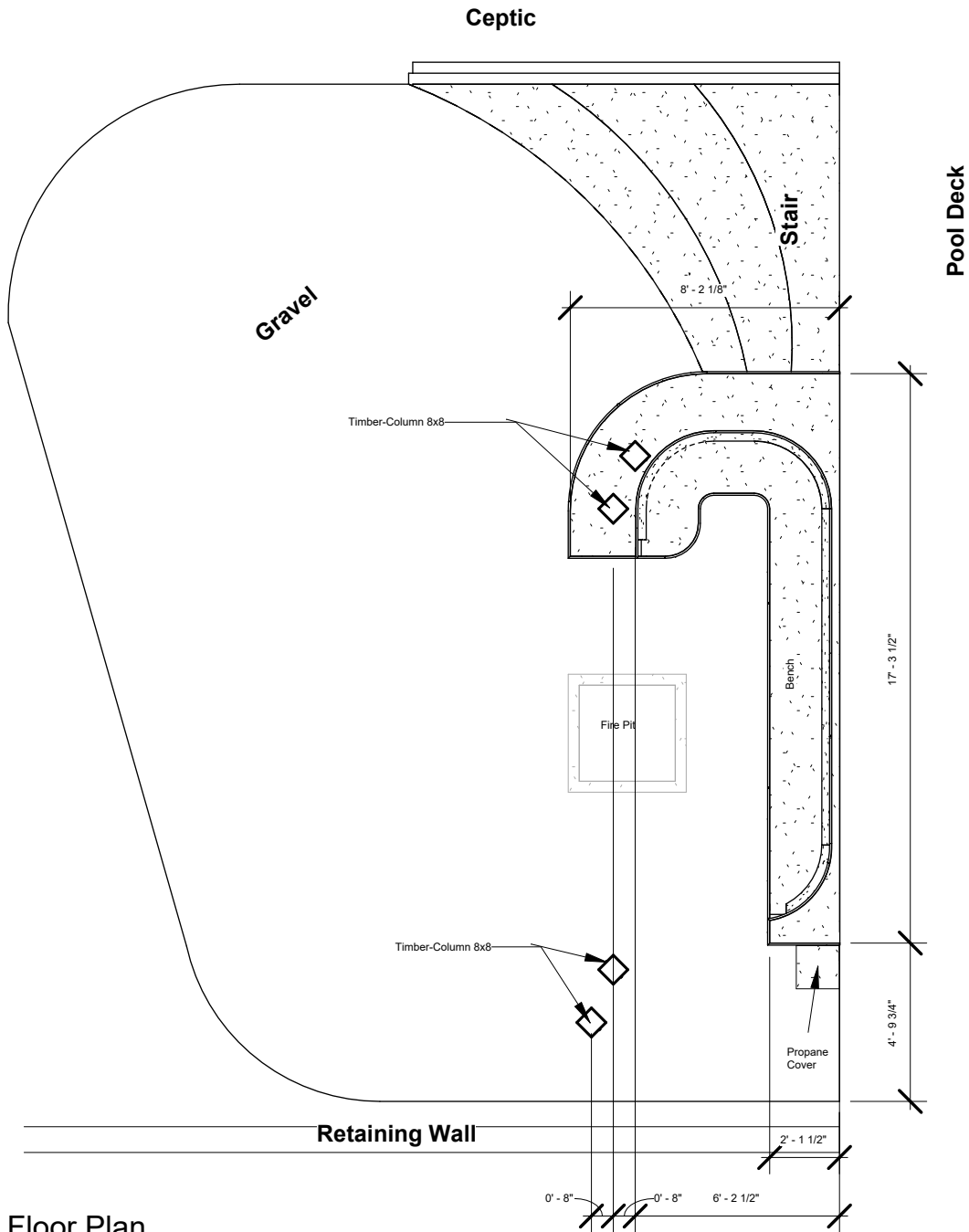


4 Section 3 Column 45 deg.  
3/4" = 1'-0"

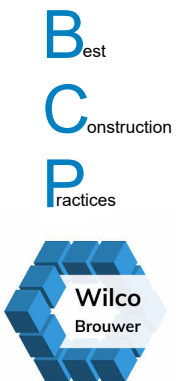


4 DSH-105.-04  
3 DSH-105.-04

 	Project number	2102001.05	Drawn by	WNB
	Project Issue Date	February 01, 2021	Checked by	Checker
	<b>Sapphire House</b>		<b>Pergola</b>	
	<b>Laura Welke</b>		<b>DSH-105.-04</b>	
	Fire Pit Area		Scale	As indicated



1 Floor Plan  
3/16" = 1'-0"



Project number	2102001.05
Project Issue Date	February 01, 2021
<b>Sapphire House</b>	
Laura Welke	
Fire Pit Area	

Drawn by	WNB
Checked by	Checker
<b>Floorplan</b>	
<b>DSH-105.-05</b>	
Scale	3/16" = 1'-0"

### Hardwood

Type	Cut Length
2x8	135' - 11"
	135' - 11"
2x10	55' - 6"
	55' - 6"
3x8	266' - 10"
	266' - 10"
	458' - 3"

### Hardwood Columns

Type	Length
8x8	52' - 2"
	52' - 2"
	52' - 2"

### Rebar

Family and Type	Bar Diameter	Total Bar Length
Rebar Bar: #3	13 1/8"	612' - 4"
	13 1/8"	612' - 4"
Rebar Bar: #4	1/2"	20' - 8"
	1/2"	20' - 8"
	13 5/8"	633' - 0"

### Footing Material

Family and Type	Material: Description	Material: Volume
Foundation Slab: 2" Foundation Slab	Cast-in-place concrete	0.68 CY
		0.68 CY
Foundation Slab: 4" Foundation Slab	Cast-in-place concrete	0.17 CY
		0.17 CY
Wall Foundation: Bearing Footing - 12" x 3"	Cast-in-place concrete	0.1 CY
		0.1 CY
		0.95 CY

### Floor, Stair & Bench seat Material

Family and Type	Material: Description	Material: Area	Material: Volume
Floor: Floor Slab - 1.5"	Lightweight concrete	<varies>	0.56 CY
			0.56 CY
Floor: Gravel	Crushed stone or gravel	558.45 SF	8.62 CY
			8.62 CY
			9.17 CY

### Wall Material

Family and Type	Material: Description	Material: Area	Material: Volume
Basic Wall: 1 1/2" Concrete	Lightweight concrete	99.3 SF	0.45 CY
		99.3 SF	0.45 CY
Basic Wall: 1 1/2" Stone Veneer 2	Stone, rough tan	88.13 SF	1.57 CY
		88.13 SF	1.57 CY
Basic Wall: 4" Concrete	Lightweight concrete	36.72 SF	0.45 CY
		36.72 SF	0.45 CY
		224.15 SF	2.48 CY



Project number 2102001.05

Drawn by WNB

Project Issue Date February 01, 2021

Checked by Checker

Sapphire House

Materials

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DSH-105.-06

Fire Pit Area

Scale