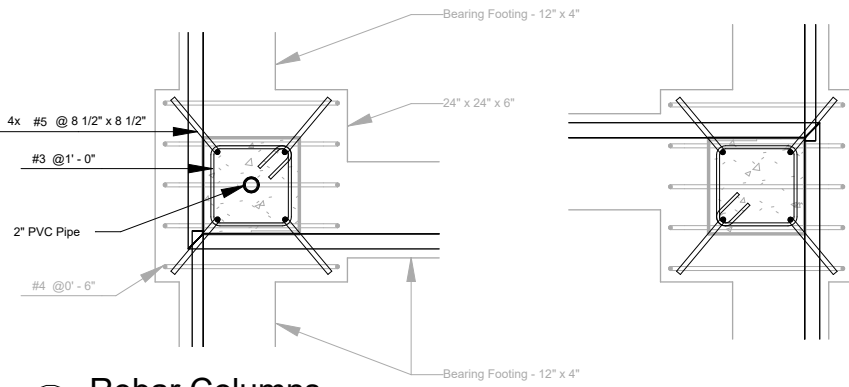
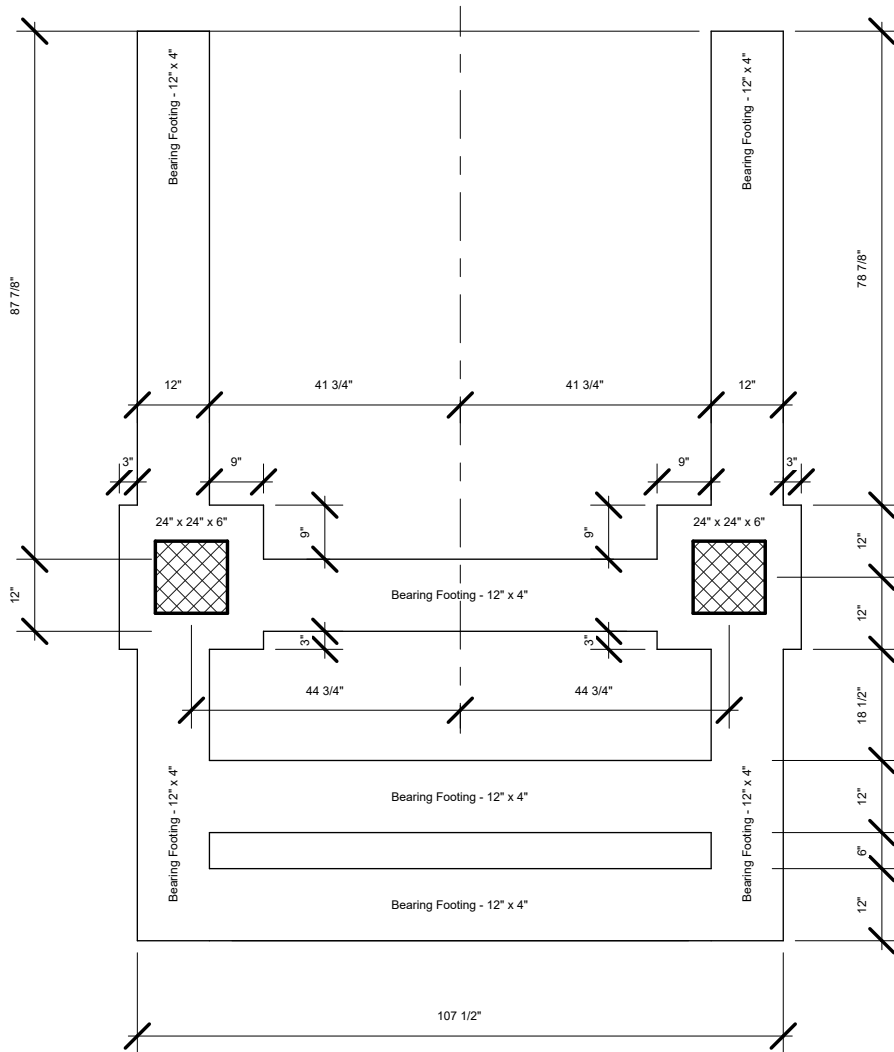


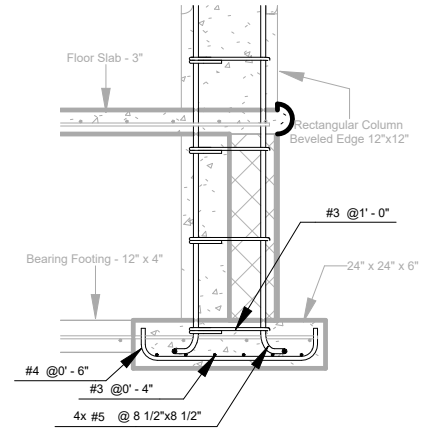
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|-----------------------|-------------------|-------------------|---------|
| Project number | 2102001.01 | Drawn by | WNB |
| Project Issue Date | February 01, 2021 | Checked by | Checker |
| Sapphire House | | 3D | |
| Laura Welke | | DSH-101.01 | |
| Entryway | | Scale | |



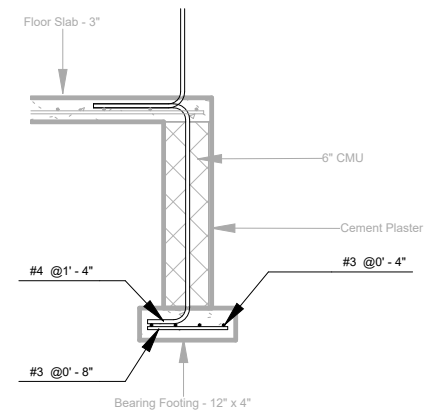
4 Rebar Columns
1/2" = 1'-0"



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



3 Column footing 24"x24"x6"
1/2" = 1'-0"



2 Bearing Footing 12"x4"
1/2" = 1'-0"

Best
Construction
Pactices



Project number 2102001.01

Project Issue Date February 01, 2021

Sapphire House

Laura Welke

Entryway

Drawn by WNB

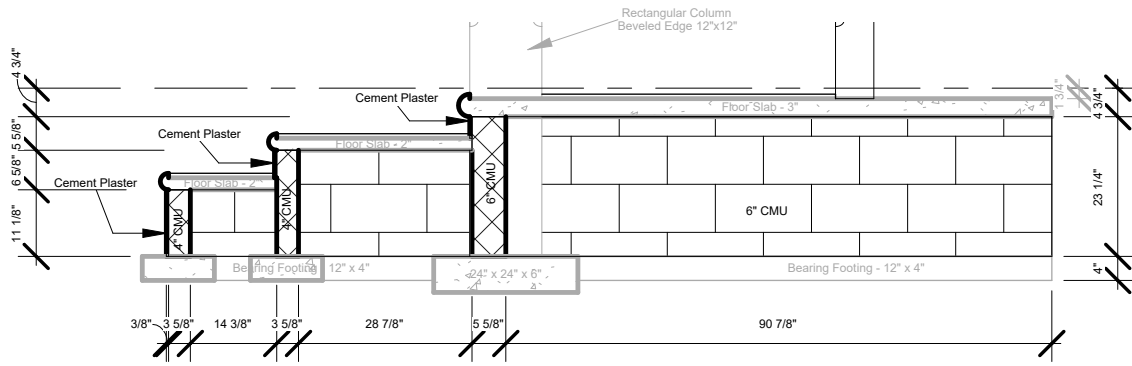
Checked by Checker

Footing Plan

DSH-101.02

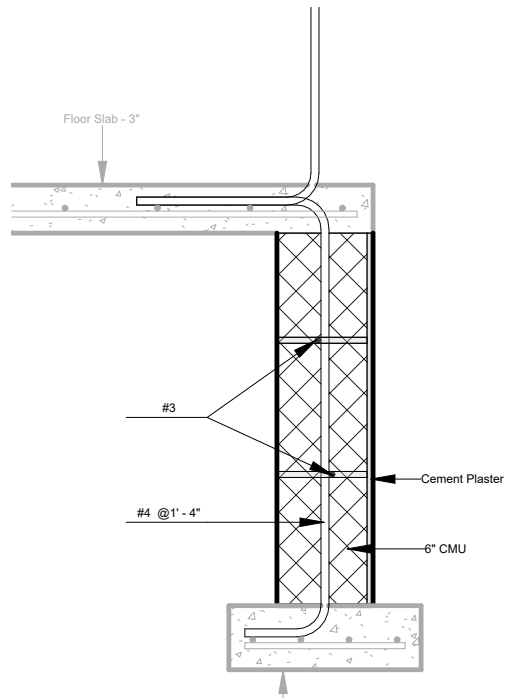
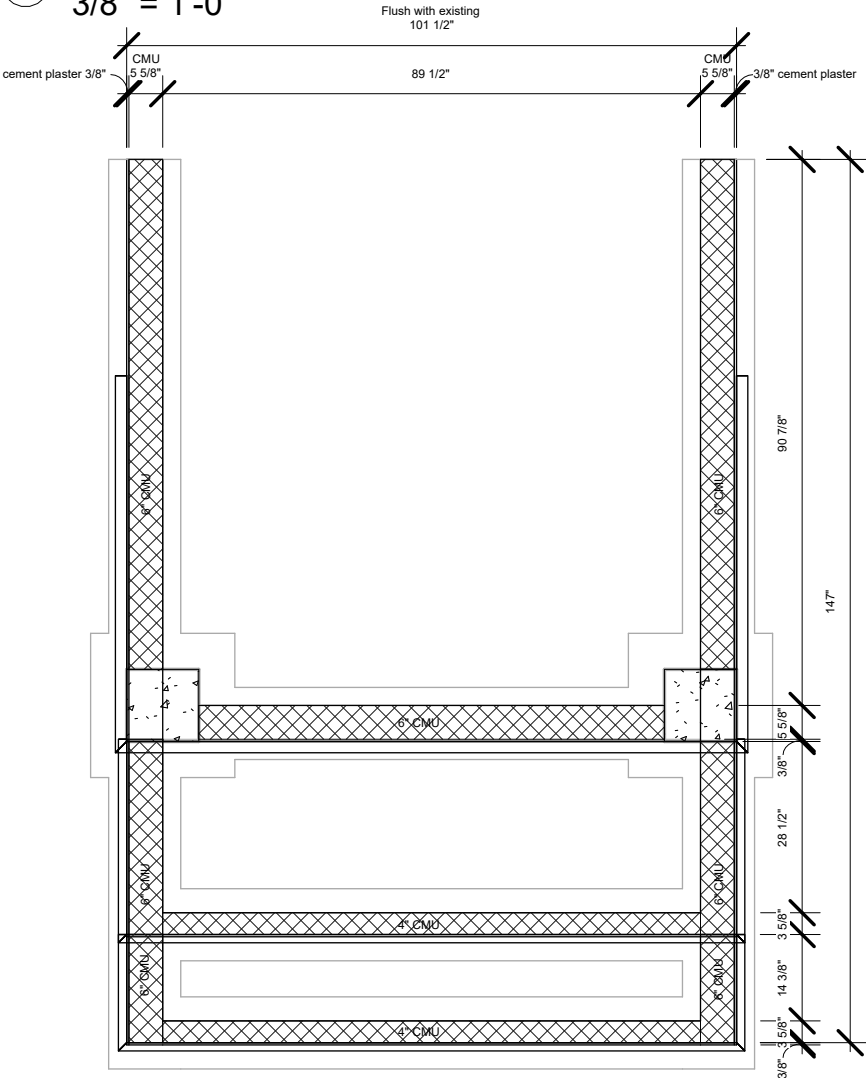
Scale

As indicated



EL. 0' -First Floor
0"

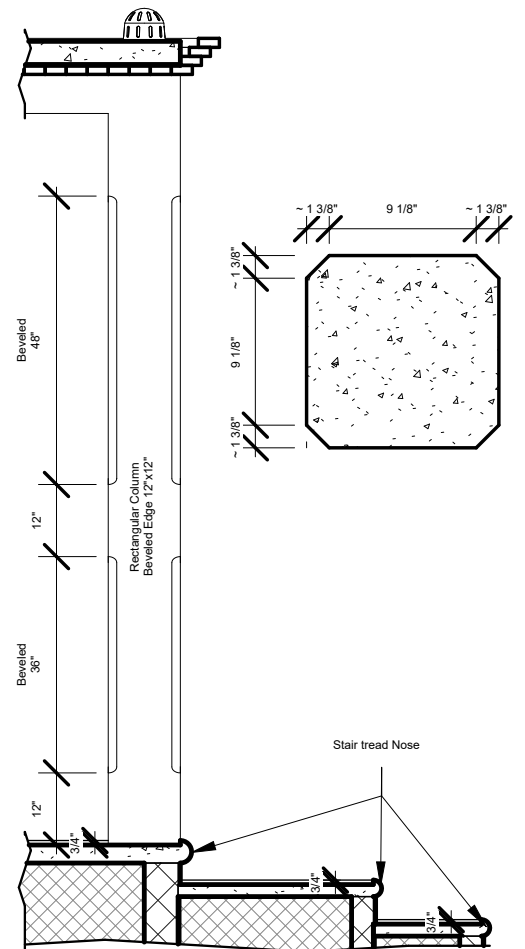
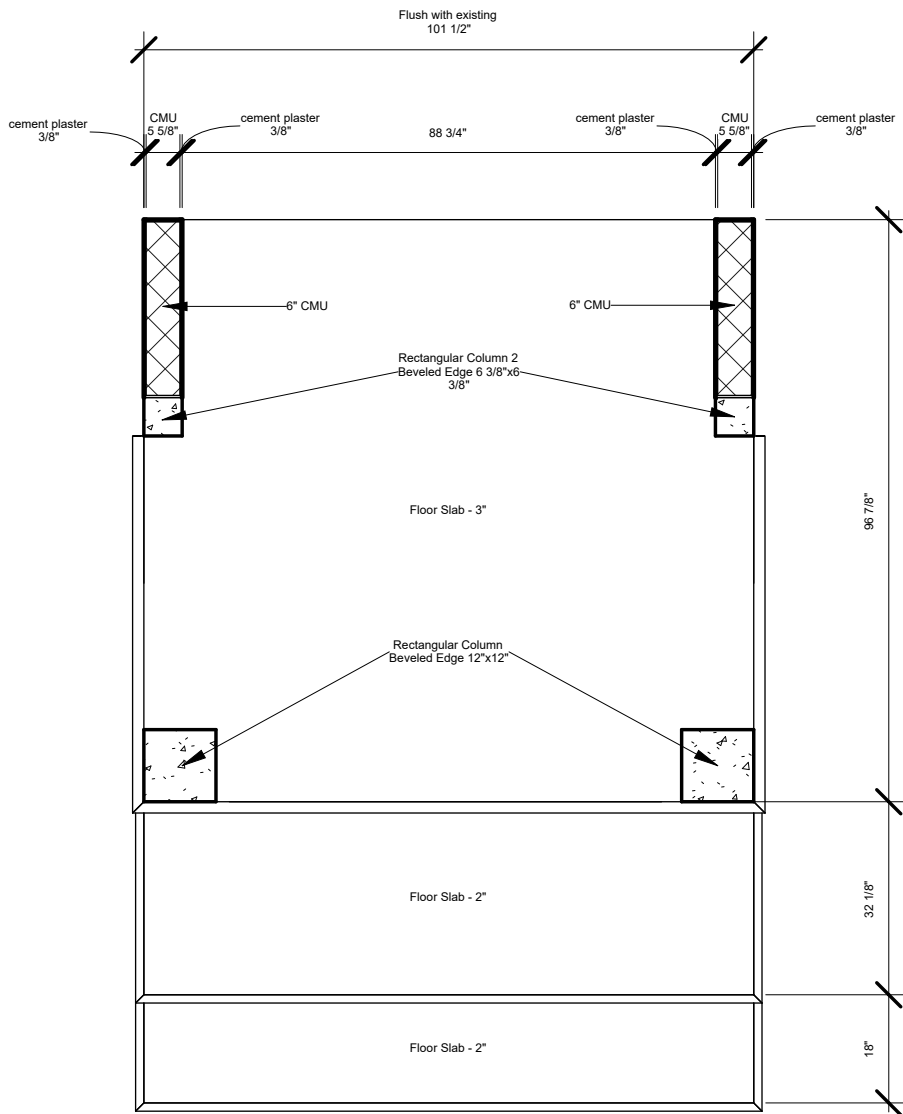
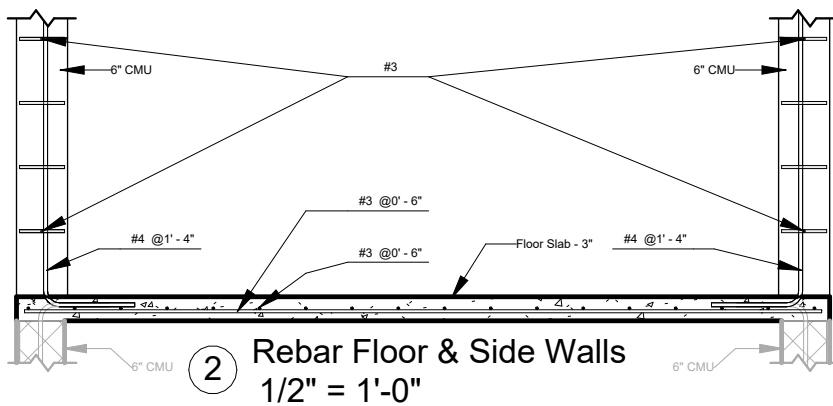
② Cross Section Fnd. Walls
3/8" = 1'-0"



③ Rebar Fnd. Wall
1" = 1'-0"

① Foundation Walls
3/8" = 1'-0"

| | | | | |
|--|-----------------------|-------------------|-------------------------|--------------|
| | Project number | 2102001.01 | Drawn by | WNB |
| | Project Issue Date | February 01, 2021 | Checked by | Checker |
| | Sapphire House | | Foundation Walls | |
| | Laura Welke | | DSH-101.03 | |
| | Entryway | | Scale | As indicated |



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Sapphire House

Floor Plan

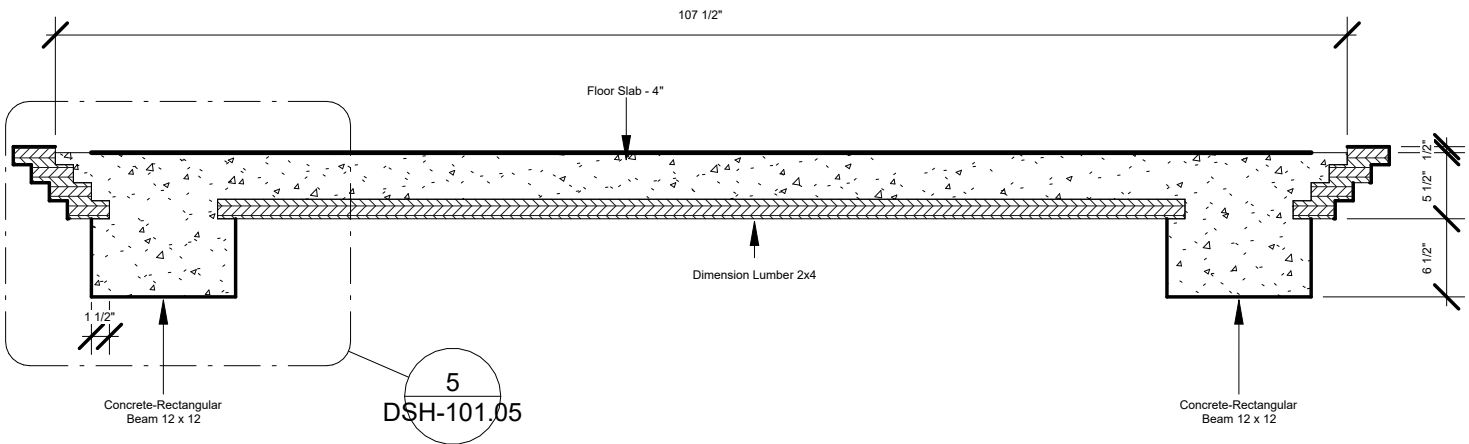
Laura Welke

DSH-101.04

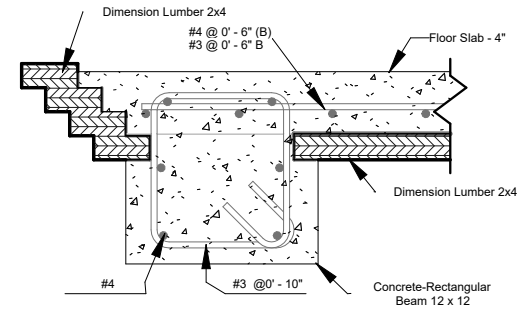
Entryway

Scale

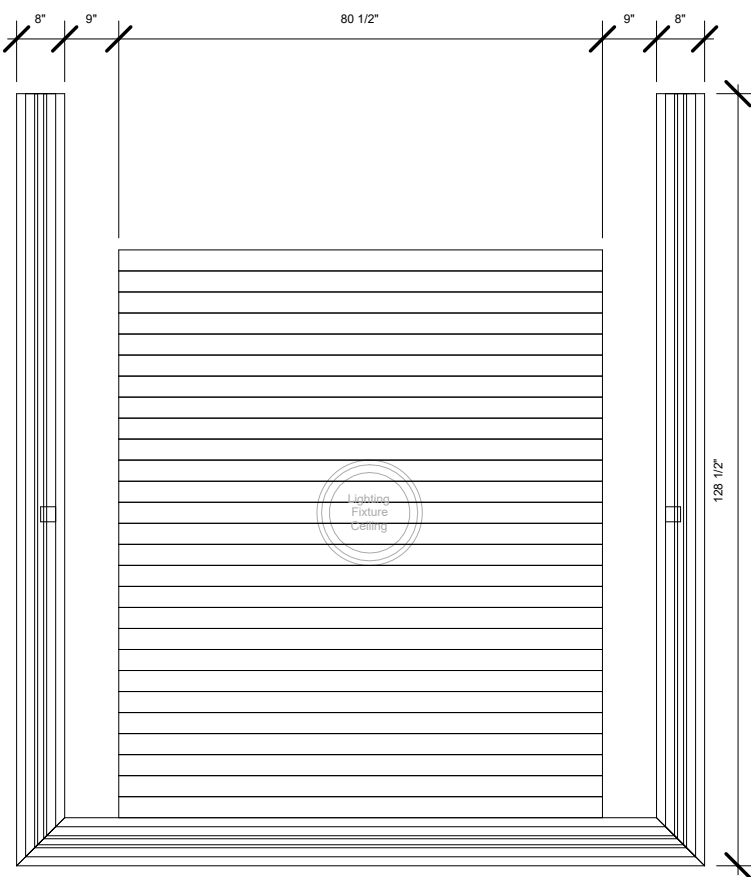
As indicated



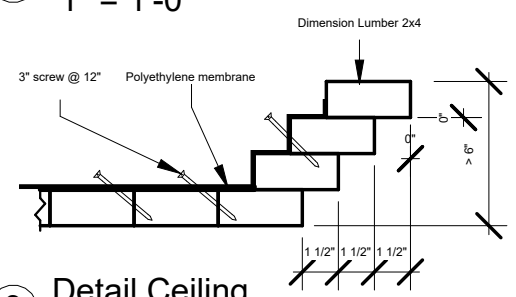
4 Cross Section Roof
3/4" = 1'-0"



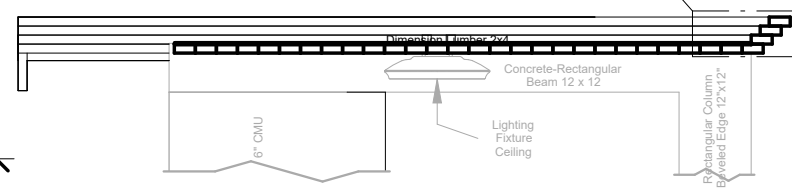
5 Detail Beam/Roof
1" = 1'-0"





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

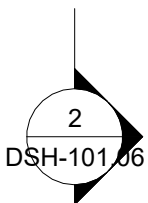
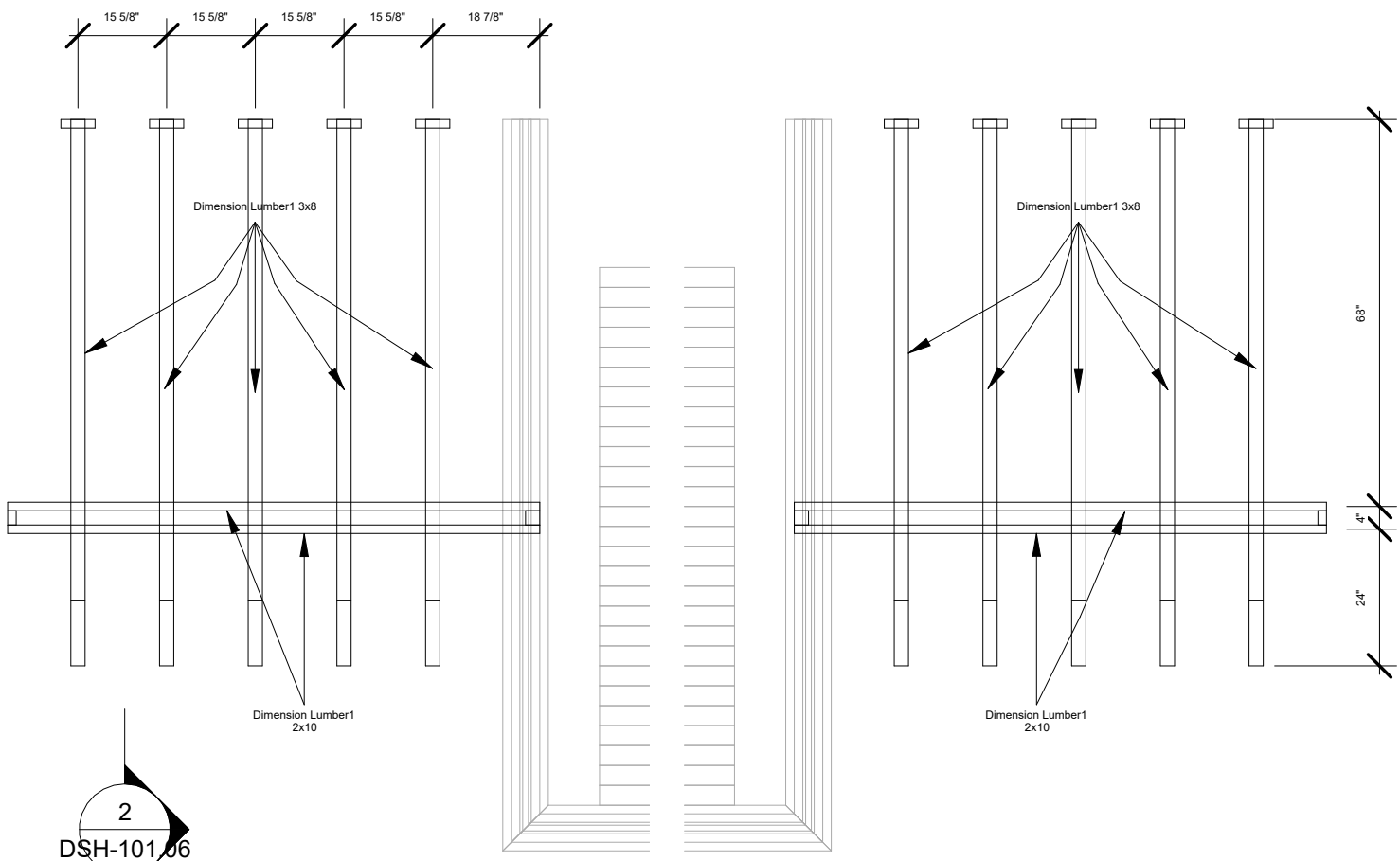
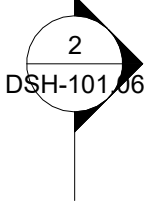
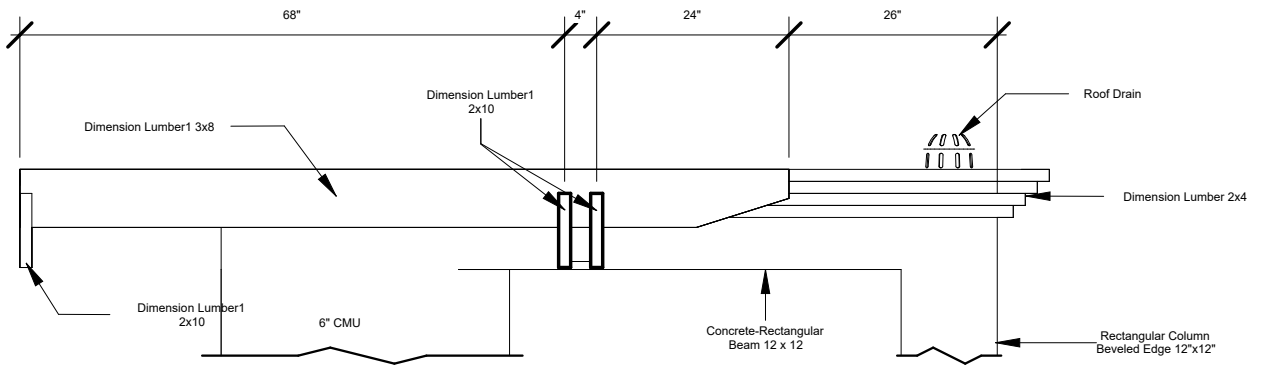


3 Detail Ceiling
1 1/2" = 1'-0"



2 Cross Section Ceiling
3/8" = 1'-0"

| | | | | |
|--|-----------------------|-------------------|--------------------------|--------------|
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| | Project Issue Date | February 01, 2021 | Checked by | Checker |
| | Sapphire House | | Ceiling/Roof Plan | |
| | Laura Welke | | DSH-101.05 | |
| | Entryway | | Scale | As indicated |



| | | | | |
|--|-----------------------|-------------------|-------------------|--------------|
| | Project number | 2102001.01 | Drawn by | WNB |
| | Project Issue Date | February 01, 2021 | Checked by | Checker |
| | Sapphire House | | "Wings" | |
| | Laura Welke | | DSH-101.06 | |
| | Entryway | | Scale | As indicated |

7-Structural Foundation

| Family and Type | Material: Description | Material: Volume |
|--|------------------------|------------------|
| Footling-Rectangular: 24" x 24" x 6" | Cast-in-place concrete | 0.15 CY |
| | | 0.15 CY |
| Wall Foundation: Bearing Footling - 12" x 4" | Cast-in-place concrete | 0.5 CY |
| | | 0.5 CY |
| | | 0.65 CY |

8-Lighting Fixture

| Model | Count |
|--------------------------|-------|
| Lighting Fixture Ceiling | 1 |

9-Plumbing Fixture

| Family and Type | Description | Count |
|-----------------|-------------|-------|
| R1100: 2" | ROOF DRAIN | 2 |
| | | 2 |
| | | 2 |

5-Wall Materials

| Family and Type | Material: Description | Material: Area |
|--------------------------------------|-----------------------|----------------|
| Basic Wall: 4" CMU-Plastered Ext | Cement Plaster | 10 SF |
| Basic Wall: 6" CMU-Plastered-Ext | Cement Plaster | 43 SF |
| Basic Wall: 6" CMU-Plastered-Ext-Int | Cement Plaster | 100 SF |
| | | 153 SF |
| Basic Wall: 4" CMU-Plastered Ext | CMU | 18 SF |
| Basic Wall: 6" CMU-Plastered-Ext | CMU | 54 SF |
| Basic Wall: 6" CMU-Plastered-Ext-Int | CMU | 50 SF |
| | | 122 SF |
| Basic Wall: 4" CMU-Plastered Ext | Troweltex | 10 SF |
| Basic Wall: 6" CMU-Plastered-Ext | Troweltex | 45 SF |
| Basic Wall: 6" CMU-Plastered-Ext-Int | Troweltex | 106 SF |
| | | 160 SF |
| | | 435 SF |

6-Hardwood

| Type | Cut Length |
|------|------------|
| 2x4 | 302' - 0" |
| | 302' - 0" |
| 2x10 | 36' - 7" |
| | 36' - 7" |
| 3x6 | 5" |
| | 5" |
| 3x8 | 80' - 0" |
| | 80' - 0" |
| | 419' - 0" |

4-Rebar

| Family and Type | Bar Diameter | Total Bar Length |
|-----------------|--------------|------------------|
| Rebar Bar: #2 | 1/4" | 90' - 11 1/16" |
| | | 90' - 11 1/16" |
| Rebar Bar: #3 | 3/8" | 1103' - 3 1/2" |
| | | 1103' - 3 1/2" |
| Rebar Bar: #4 | 1/2" | 466' - 5 11/32" |
| | | 466' - 5 11/32" |
| Rebar Bar: #5 | 5/8" | 120' - 7 1/8" |
| | | 120' - 7 1/8" |
| | | 1781' - 3 1/16" |

3-Floor, Roof & Tread Materials

| Family and Type | Material: Description | Material: Volume | Material: Area |
|----------------------------------|------------------------|------------------|----------------|
| Floor: Floor Slab - 1 1/2" | Cast-in-place concrete | 0.08 CY | 17.71 SF |
| Floor: Floor Slab - 2" | Cast-in-place concrete | 0.22 CY | 35.6 SF |
| Floor: Floor Slab - 3" | Cast-in-place concrete | 0.61 CY | 66.28 SF |
| Floor: Floor Slab - 4" | Cast-in-place concrete | 0.82 CY | 68.28 SF |
| | | 1.73 CY | 187.87 SF |
| Floor: Polyethylene-10-mil-thick | Polyethylene membrane | 0.02 CY | 53.6 SF |
| | | 0.02 CY | 53.6 SF |
| Floor: Floor Slab - 1 1/2" | Roof Paint | 0 CY | 35.42 SF |
| Floor: Floor Slab - 4" | Roof Paint | 0 CY | 68.28 SF |
| | | 0 CY | 103.7 SF |
| Floor: Floor Slab - 2" | Troweltex | 0 CY | 2.82 SF |
| Floor: Floor Slab - 3" | Troweltex | 0 CY | 5.15 SF |
| Floor: Floor Slab - 4" | Troweltex | 0 CY | 68.28 SF |
| | | 0 CY | 76.25 SF |
| | | 1.75 CY | 421.43 SF |

2-Beams Material

| Family and Type | Material: Description | Material: Volume | Material: Area |
|------------------------------------|------------------------|------------------|----------------|
| Concrete-Rectangular Beam: 12 x 12 | Cast-in-place concrete | 0.36 CY | 19.69 SF |
| | | 0.36 CY | 19.69 SF |
| Dimension Lumber1: 2x10 | Juglans Nigra | 0.13 CY | 68.63 SF |
| Dimension Lumber1: 3x8 | Juglans Nigra | 0.36 CY | 129.07 SF |
| Dimension Lumber: 3x6 | Juglans Nigra | 0 CY | 0.94 SF |
| | | 0.49 CY | 198.64 SF |
| Concrete-Rectangular Beam: 12 x 12 | Troweltex | 0 CY | 33.33 SF |
| | | 0 CY | 33.33 SF |
| | | 0.85 CY | 251.66 SF |

1-Column Materials

| Family and Type | Material: Description | Material: Volume | Material: Area |
|--|------------------------|------------------|----------------|
| Rectangular Column 2 Beveled Edge: 6 3/8"x6 3/8" | Cast-in-place concrete | 0.21 CY | 11.91 SF |
| Rectangular Column Beveled Edge: 12"x12" | Cast-in-place concrete | 0.89 CY | 10.57 SF |
| | | 1.09 CY | 22.48 SF |
| Rectangular Column 2 Beveled Edge: 6 3/8"x6 3/8" | Troweltex | 0 CY | 30.47 SF |
| Rectangular Column Beveled Edge: 12"x12" | Troweltex | 0 CY | 90.36 SF |
| | | 0 CY | 120.84 SF |
| | | 1.09 CY | 143.31 SF |



Project number 2102001.01
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Sapphire House
 Laura Welke
 Entryway

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Materials
DSH-101.07
 Scale