OAKHILLS, SUMMERWOOD WARD SEISMIC REROOF AND REMODEL

LAYTON, UTAH

BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
BP:ARCHITECTS.NET
P 801.394.3033

PROJECT TEAM:

OWNER:

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
A UTAH CORPORATION SOLE
50 EAST NORTH TEMPLE STREET
SALT LAKE CITY, UTAH 84150

ARCHITECT:

BOTT PANTONE ARCHITECTS
620 24TH STREET
OGDEN, UTAH 84401
801.394.3033

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OGDEN, UTAH 84404
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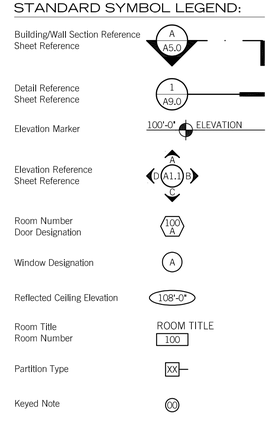
STANDARD SYMBOL LEGEND:



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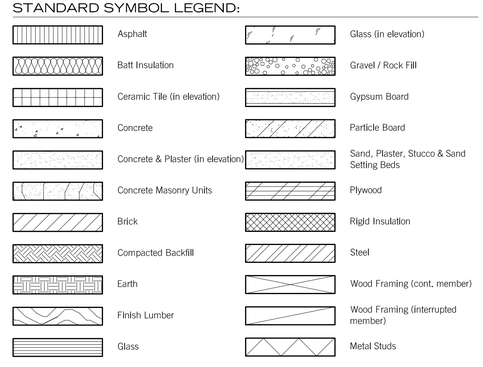

ABBREVIATIONS:

@	At	eb	Expansion Bolt	max	Maximum
Ø	Diameter	eifs	Exterior Insul Fin System	mech	Mechanical
#	Pound or Number	exp jt	Expansion Joint	mtl	Metal
ab	Anchor Bolt	elec	Electrical	mfr	Manufacturer
act	Acoustical Tile	elev	Elevation	min	Minimum
adj	Adjustable	eq	Equal	nic	Not In Contract
aff	Above Finish Floor	equip	Equipment	nts	Not To Scale
alum	Aluminum	ewc	Elec Water Cooler	o.c.	On Center
bd	Board	exist	Existing	pl	Plate
bldg	Building	ext	Exterior	ℙ	Property Line
bm	Beam	fd	Floor Drain	plas lam	Plastic Laminate
bot	Bottom	fdn	Foundation	plywd	Plywood
brg	Bearing	fecb	Fire Extinguisher Cab	rb	Resilient Base
bur	Built Up Roofing	fin fl	Finish(ed) Floor	re:	Reference
cab	Cabinet	ft	Foot or Feet	reinf	Reinforce(d) (ing)
cjt	Control Joint	ftg	Footing	rfg	Roofing
℄	Center Line	fur	Furring	rm	Room
clg	Ceiling	ga	Gauge	sc	Solid Core
cmu	Concrete Masonry Units	galv	Galvanized	sch	Schedule
col	Column	gc	General Contractor	sec	Section
conc	Concrete	gl	Glass	sim	Similar
const	Construction	gyp bd	Gypsum Board	spec	Specification
const jt	Construction Joint	hc	Hollow Case	sq	Square
cont	Continuous	hdwd	Hardwood	stl	Steel
contr	Contract(or)	hdwr	Hardware	temp gl	Tempered Glass
corr	Corridor	hdrl	Handrail	typ	Typical
ct	Ceramic Tile	hm	Hollow Metal	vct	Vinyl Composition Tile
det	Detail	id	Inside Diameter	w/	With
dim	Dimension	incl	Include(d) (ing)	wd	Wood
dn	Down	insul	Insulation	wdw	Window
dr	Door	int	Interior	w/o	Without
ea	Each	jt	Joint	wsct	Wainscot

COVER SHEET / GENERAL INFORMATION

STATE OF UTAH
C. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

G101

BOTT PANTONE ARCHITECTS
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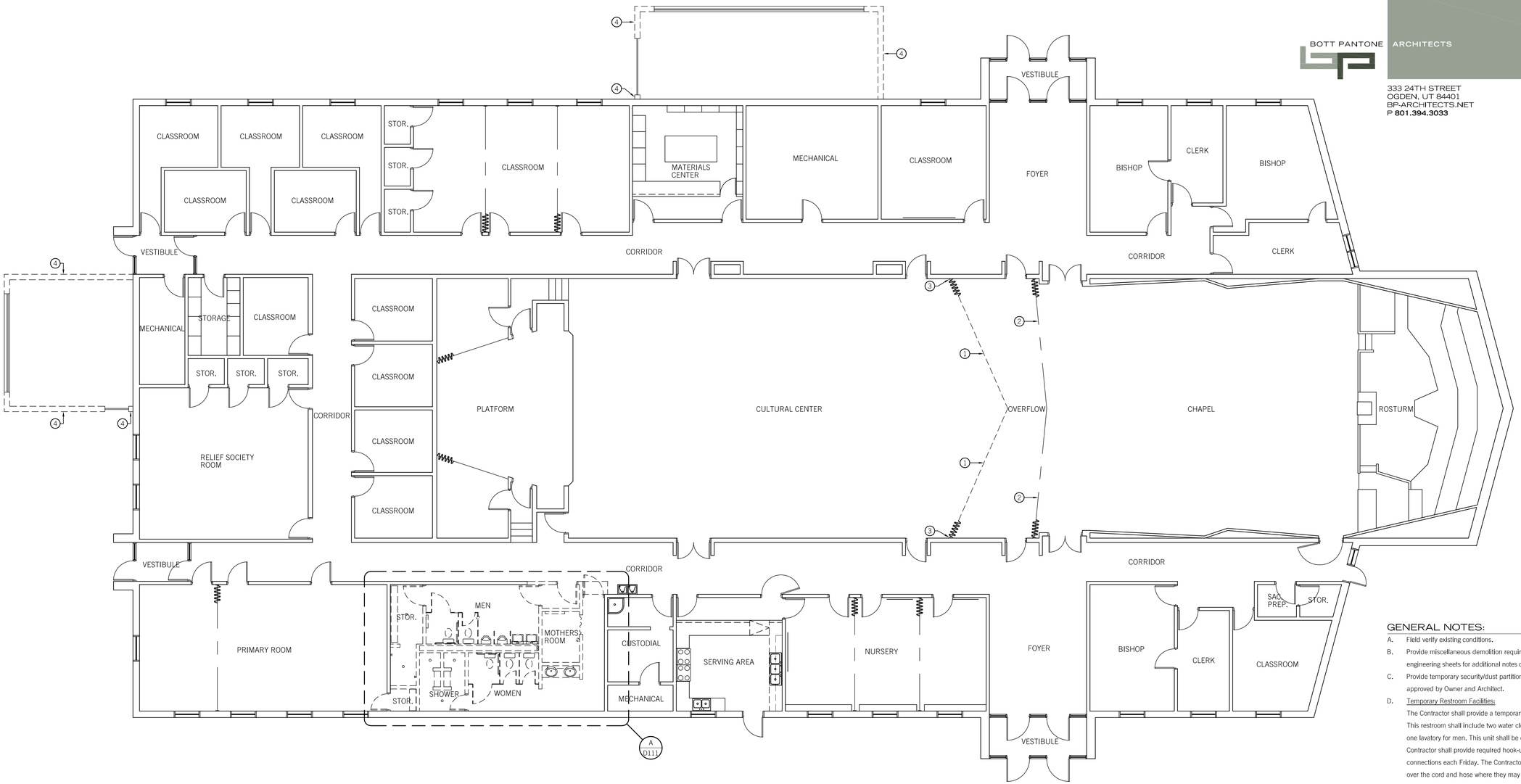

GENERAL NOTES:

A. Field verify existing conditions.

B. Provide miscellaneous demolition required for new construction, whether specifically called out or not. See engineering sheets for additional notes on demolition.

C. Provide temporary security/dust partitions at locations of new work. Locations of temporary partitions shall be approved by Owner and Architect.

D. Temporary Restroom Facilities:
The Contractor shall provide a temporary, trailer-type restroom through the course of the construction period. This restroom shall include two water closets and one lavatory for women, and one water closet, one urinal, and one lavatory for men. This unit shall be emptied and cleaned two times per week on Fridays and Mondays. The Contractor shall provide required hook-ups (hose and electrical cord) and shall verify the working order of these connections each Friday. The Contractor shall also provide an acceptable and safe means of pedestrian travel over the cord and hose where they may cross the sidewalk.

In addition, the Contractor shall provide one handicap-accessible Porta-Potty in lieu of the standard Porta-Potty currently required. This Porta-Potty shall be emptied and cleaned on at least the same schedule as described above.

KEYED NOTES:

1. Remove existing accordion folding partition, including header track assembly.
2. Retain and protect existing accordion folding partition.
3. Carefully remove existing angled hardwood jamb and shaped 2x backing to expose CMU wall behind. Take care to protect existing vertical hardwood trim members each side of jamb.
4. Remove existing metal coping from top of masonry screen wall in preparation for new coping.

NO.	DATE	DESCRIPTION

STATE OF UTAH
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LICENSED ARCHITECT

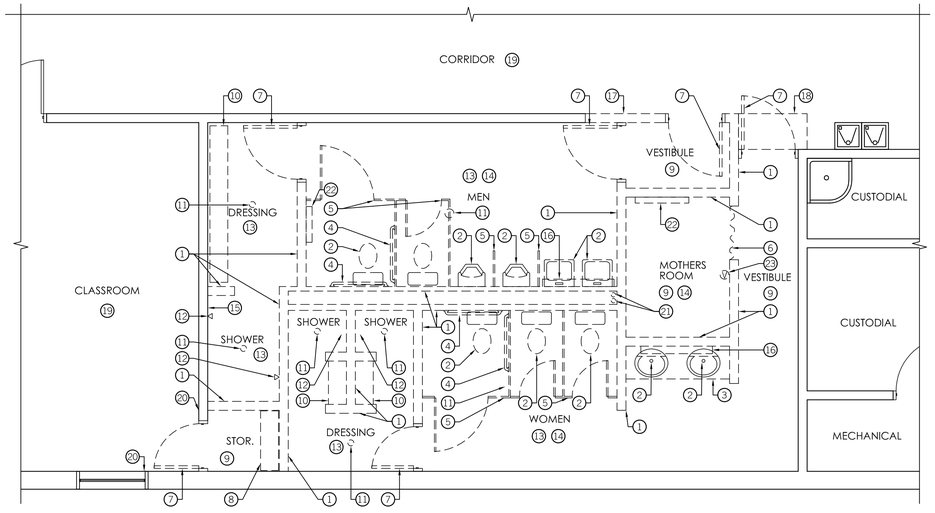
FLOOR DEMOLITION PLAN

1/8" = 1'-0"
01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

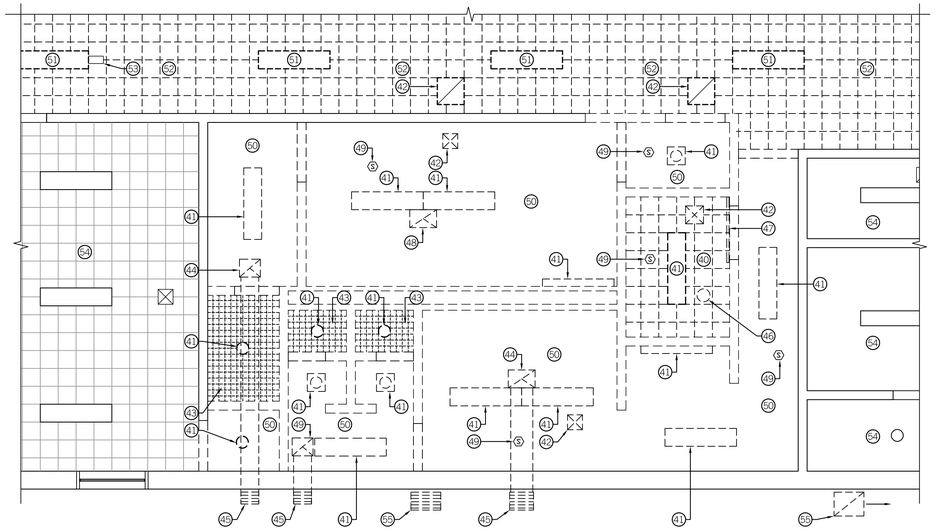
NORTH

D101



FLOOR DEMOLITION PLAN
A

Scale: 1/4" = 1'-0"



REFLECTED CEILING DEMOLITION PLAN
B

Scale: 1/4" = 1'-0"

BOTT PANTONE ARCHITECTS

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GENERAL NOTES:

A. Field verify existing conditions.

B. Provide miscellaneous demolition required for new construction, whether specifically called out or not. See engineering sheet for additional notes on demolition.

C. Provide temporary security/dust partitions at locations of new work. Locations of temporary partitions shall be approved by Owner and Architect.

D. Remove existing lights and outlets within areas of demolition. Remove associated conduits and wiring back to nearest remaining junction box. See electrical sheets.

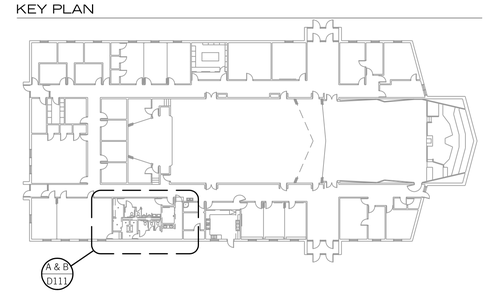
FLOOR DEMOLITION PLAN KEYED NOTES:

1. Sawcut and remove existing CMU wall (shown dashed) and wood ceiling trim where occurs.
2. Remove existing plumbing fixture and plumbing pipes serving it.
3. Remove existing vanity.
4. Remove existing grab bars.
5. Remove existing toilet partition and urinal screens.
6. Remove existing curtain and ceiling-mounted track.
7. Remove existing door, frame and hardware.
8. Remove existing cabinet.
9. Remove existing carpet and carpet base from this room/space. Sawcut and remove existing concrete slab in preparation for new floor slab.
10. Remove existing bench, support brackets and hookstrip above.
11. Remove existing floor drain and underslab waste piping.
12. Remove existing shower head and control. Remove water lines.
13. Remove existing ceramic tile flooring, base and mortar bed from this room. Sawcut and remove existing concrete floor slab for placement of new plumbing lines.
14. Remove existing toilet room accessories from this room (mirrors, baby changing stations and dispensers, etc). Salvage items for possible reuse.
15. Remove existing full-height ceramic wall tile and setting bed from this wall.
16. Remove existing surface-mount light from above lavatories.
17. Sawcut and remove portion of existing CMU wall.
18. Cut and remove existing carpet and carpet base from area to become part of remodeled restrooms. Sawcut and remove concrete floor slab in preparation for new recessed slab.
19. Retain and protect existing carpet.
20. Carefully remove existing chair rail from this wall.
21. Remove existing hot and cold water risers from below floor slab and existing above slab water pipes. Coordinate with P101 for new water piping.
22. Remove existing baby changing station.
23. Remove existing volume control and ceiling-mount speaker. Salvage for reuse.

REFLECTED CEILING DEMOLITION PLAN KEYED NOTES:

40. Remove existing acoustical ceiling tile and gypsum backer board from this room.
41. Remove existing light fixture.
42. Remove existing mechanical grille/diffuser. Salvage for possible reuse.
43. Remove existing ceramic ceiling tile and gypsum backer board.
44. Remove existing exhaust fan and duct to exterior soffit.
45. Remove existing soffit grille and duct to exhaust fan.
46. Remove existing speaker and associated volume control. Salvage for reuse.
47. Remove existing ceiling-mounted curtain and track.
48. Remove existing exhaust fan.
49. Remove existing motion sensor. Salvage for possible reuse.
50. Remove existing gypsum board and wood ceiling trim from this room.
51. Remove existing light fixture to facilitate acoustical tile replacement. Salvage for reinstallation.
52. Remove existing acoustical ceiling tile and adhesive daubs in preparation for new acoustical tile. Retain and protect existing gypsum backer board.
53. Remove existing wireless access point to facilitate acoustical tile replacement. Salvage W.A.P. for reinstallation.
54. No ceiling work in this room.
55. Remove existing soffit grille in preparation for new soffit grille.

KEY PLAN



ENLARGED RESTROOMS FLOOR AND REFLECTED CEILING DEMOLITION PLANS

NO.	DATE	DESCRIPTION

STATE OF UTAH
C. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

1/4" = 1'-0"
01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

D111

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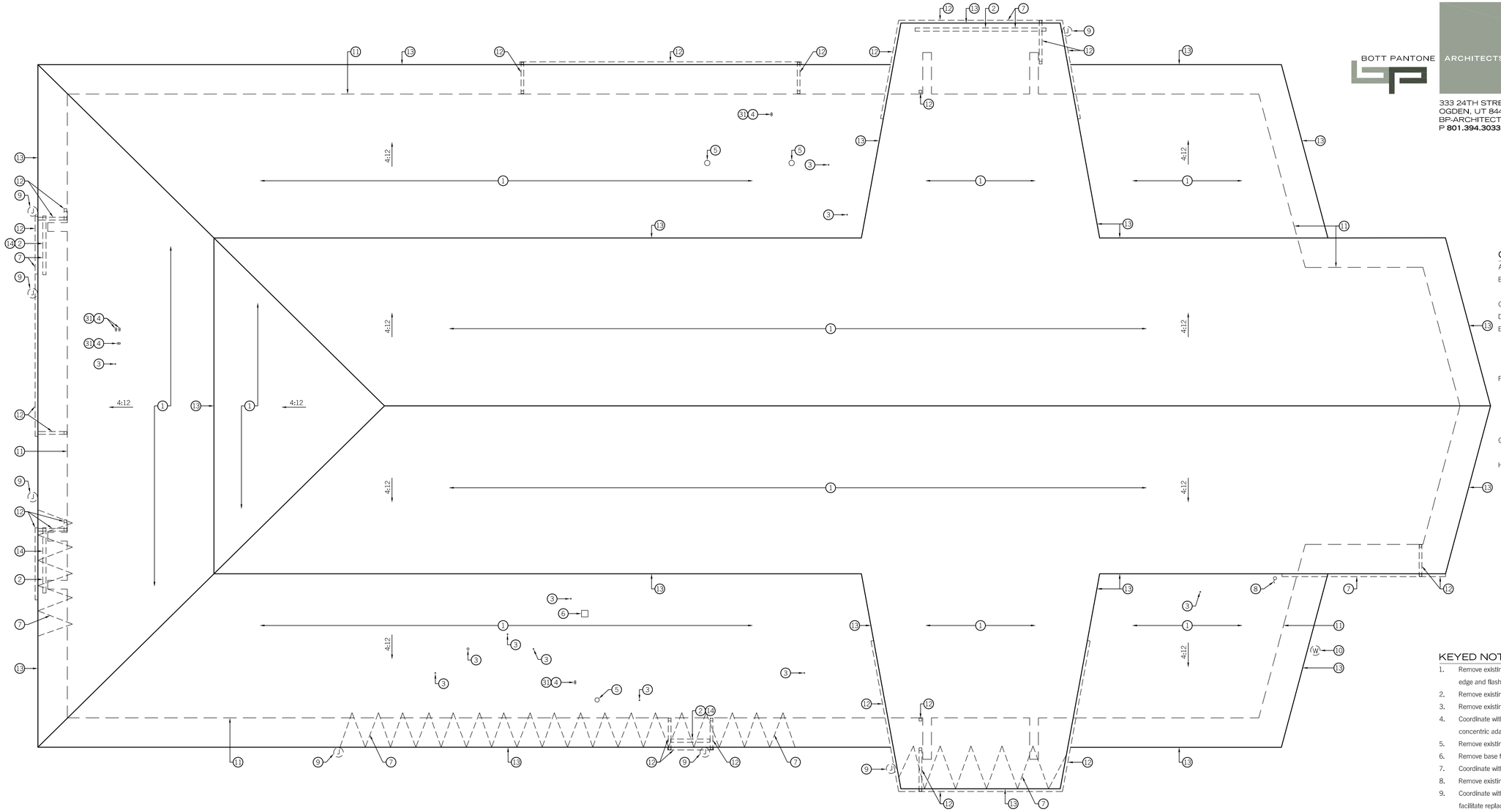
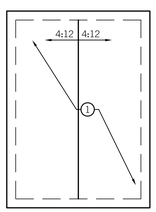


ROOF DEMOLITION PLAN
A
Scale: 1/8" = 1'-0"



STORAGE BUILDING
ROOF DEMOLITION PLAN
B
Scale: 1/8" = 1'-0"

GENERAL NOTES:

A. Field verify all existing conditions and dimensions prior to bidding.
B. Provide miscellaneous flashing and accessories required for a complete job. Provide new flashing on all existing and new penetrations. Verify quantities.
C. All material and equipment shall be new except where noted otherwise.
D. Flash all existing vents and flues.
E. Take precautions to ensure compromised roofing is not left exposed to weather at the end of the workday, particularly when inclement weather is forecast. Any and all damage to interior finished and/or equipment as a result of roofing work left open or inadequately secured will be repaired or replaced at no cost to the Owner.
F. Before installation of all new pipe jacks and pipe flashings verify that flues and vents are properly strapped inside the building to prevent settlement or shifting into roof. Prior to completion of the work, Contractor shall verify that mechanical equipment venting has positive release flow to roof vent and flue is secured to original height and all connections are tight and secure.
G. The existing free-standing on-site storage building will also be reroofed as part of this project.
H. Existing sheathing removal: sawcut and remove existing roof sheathing as required to facilitate seismic upgrade work. Extent and locations of sheathing removal may vary with Contractor's approach to upgrade work. Replace removed sheathing upon completion of seismic work, with sheathing to match existing in thickness, prior to applying new overlay sheathing (where occurs). Existing sheathing removed in good condition may be used for replacement.

KEYED NOTES:

1. Remove existing shingles and roofing underlayments down to existing roof sheathing. Remove existing drip edge and flashings in preparation for new.
2. Remove existing built-in gutter including metal liner and flashings, and associated downspout/piping.
3. Remove existing base flashing from plumbing vent-thru-roof in preparation for new flashing.
4. Coordinate with Mechanical Contractor for removal of existing furnace air and flue piping in preparation for new concentric adapter termination. Remove base flashings.
5. Remove existing base flashing from metal flue in preparation for new flashing.
6. Remove base flashing from existing exhaust fan roof cap in preparation for new flashing.
7. Coordinate with Electrical Contractor for removal of existing heat cables.
8. Remove existing base flashing from electrical conduit penetration thru roof in preparation for new flashing.
9. Coordinate with Electrical Contractor for removal of existing fascia-mounted J-box serving heat cables to facilitate replacement of metal fascia.
10. Remove existing irrigation system weather sensor to facilitate metal fascia replacement. Sensor is no longer used.
11. Line of exterior building wall below roof.
12. Remove existing metal rain gutter and downspout.
13. Remove existing metal fascia from entire building. Retain and protect existing plaster soffit where occurs.
14. Remove 2'-0" wide strip of existing roof sheathing at eave x the length of the existing built-in gutter.

MECHANICAL KEYED NOTES:

31. Remove existing furnace air and flue piping thru roof in preparation for new concentric adapter termination.

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
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LICENSED ARCHITECT

ROOF DEMOLITION PLANS

1/8" = 1'-0"
01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

D121

BOTT PANTONE ARCHITECTS
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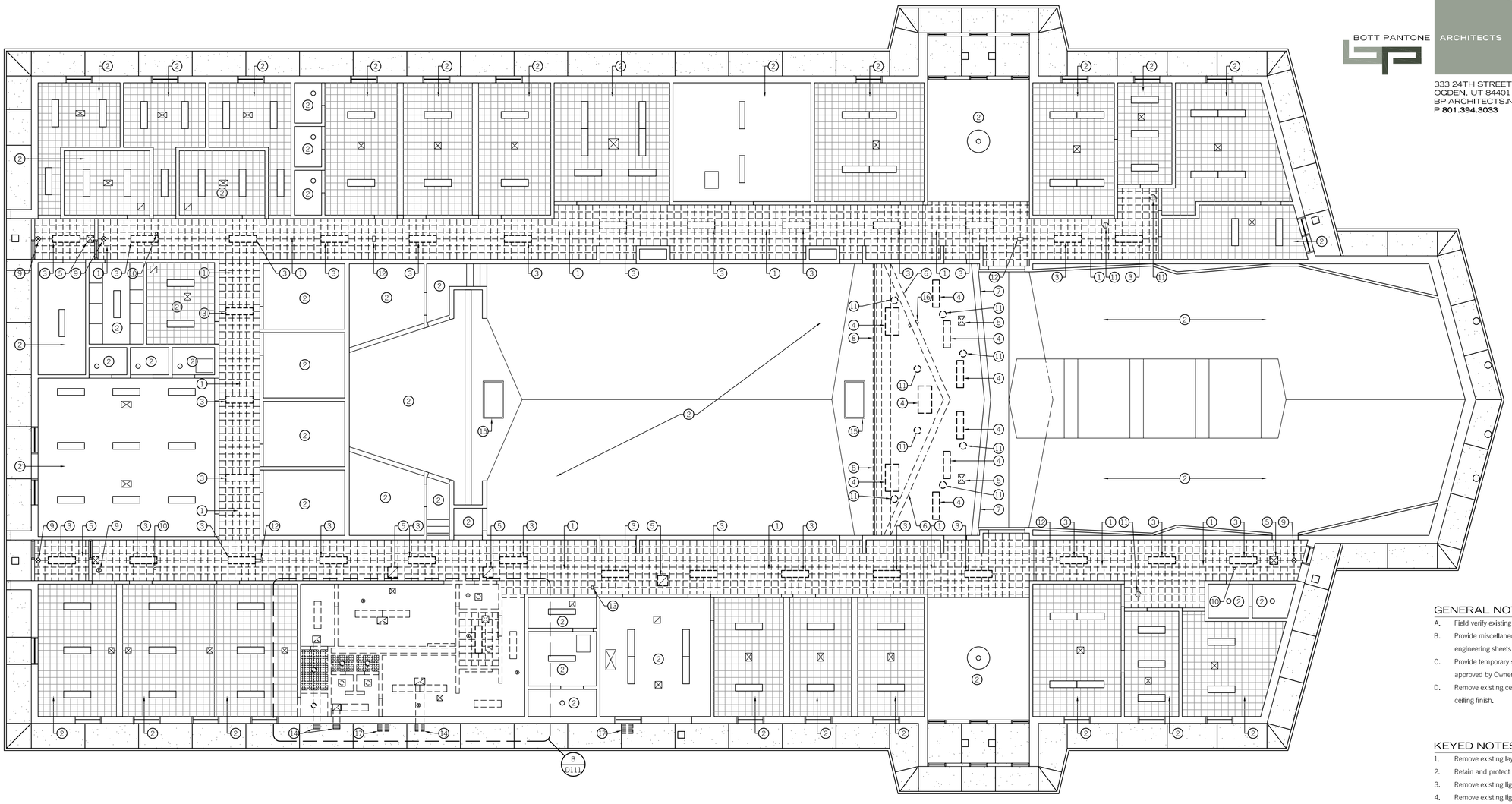

GENERAL NOTES:

A. Field verify existing conditions.

B. Provide miscellaneous demolition required for new construction, whether specifically called out or not. See engineering sheets for additional notes on demolition.

C. Provide temporary security/dust partitions at locations of new work. Locations of temporary partitions shall be approved by Owner and Architect.

D. Remove existing ceiling mounted cover plates from dampers and J-boxes. Salvage covers and reinstall on new ceiling finish.

KEYED NOTES: (#)

1. Remove existing lay-in acoustical ceiling tile.
2. Retain and protect existing ceiling finishes, light fixtures, mechanical diffusers/grilles, etc. in this space.
3. Remove existing light fixture. Salvage for possible reinstallation. See electrical drawings.
4. Remove existing light fixture. See electrical drawings.
5. Remove existing mechanical diffuser/grille. Salvage for reinstallation.
6. Remove existing accordion folding partition and header track assembly.
7. Retain and protect existing folding partition and header track.
8. Carefully remove existing hardwood trims at angle in ceiling to facilitate new work. Salvage trim pieces for reinstallation.
9. Remove existing exit sign and salvage for reinstallation on new ceiling finish.
10. Remove existing security camera and salvage for reinstallation on new ceiling finish.
11. Remove existing speaker to facilitate ceiling work. Reinstall on finished ceiling.
12. Remove existing wireless access device to facilitate acoustical tile replacement. Reinstall on finished ceiling.
13. Remove existing indicator light to facilitate acoustical tile replacement. Reinstall on finished ceiling.
14. Remove existing soffit grille and associated exhaust ducting.
15. Retain and protect existing grille cloth and trim.
16. Remove I.R. sensors from existing folding partition track and salvage for reinstallation on new partition track.
17. Remove existing soffit grille in preparation for new soffit grille.

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

REFLECTED CEILING DEMOLITION PLAN

1/8" = 1'-0"
01.07.22
Project Number: **2109**
Property Number: **516-795720060101**

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

D151

BOTT PANTONE ARCHITECTS
333 24TH STREET
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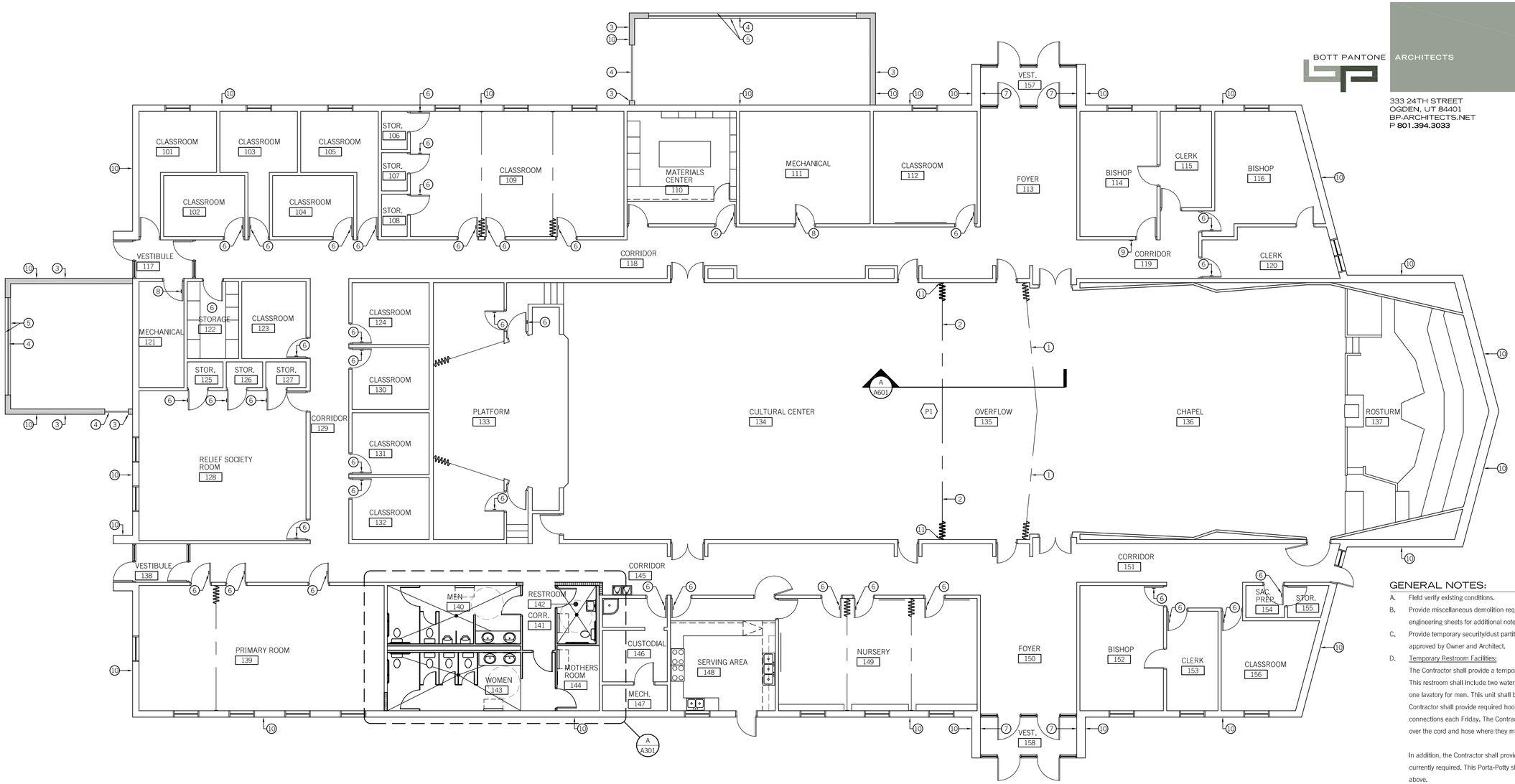

GENERAL NOTES:

A. Field verify existing conditions.

B. Provide miscellaneous demolition required for new construction, whether specifically called out or not. See engineering sheets for additional notes on demolition.

C. Provide temporary security/dust partitions at locations of new work. Locations of temporary partitions shall be approved by Owner and Architect.

D. Temporary Restroom Facilities:
The Contractor shall provide a temporary, trailer-type restroom through the course of the construction period. This restroom shall include two water closets and one lavatory for women, and one water closet, one urinal, and one lavatory for men. This unit shall be emptied and cleaned two times per week on Fridays and Mondays. The Contractor shall provide required hook-ups (hose and electrical cord) and shall verify the working order of these connections each Friday. The Contractor shall also provide an acceptable and safe means of pedestrian travel over the cord and hose where they may cross the sidewalk.

In addition, the Contractor shall provide one handicap-accessible Porta-Potty in lieu of the standard Porta-Potty currently required. This Porta-Potty shall be emptied and cleaned on at least the same schedule as described above.

KEYED NOTES:

1. Existing accordion folding partition to remain.
2. Provide header and jamb framing for new Owner-furnished accordion folding partition. See architectural and structural details. Coordinate exact location of new header with Owner and Architect so partition will slide open/closed across carpet floor (not metal threshold).
3. Provide pre-finished metal coping at top of existing masonry screen wall, see 1/A202.
4. Power wash existing pre-finished aluminum louvers and gate to remove dirt and stains.
5. Prepare and paint existing metal flashing as base of aluminum louvers (both sides of louvers), see 2/A202.
6. Carefully remove existing flat plastic room sign (applied with double-sided tape). If door finish is damaged by sign removal, touch-up stain and varnish.
7. Clean and prepare existing cement stucco band on wall, paint. Do not paint metal reveal at perimeter of stucco.
8. Carefully remove existing flat plastic room sign. Prepare and paint corridor side of hollow metal door.
9. Coordinate with F.M. for removal of temporary bracket-mounted room signage.
10. Clean and prepare existing cement stucco banding on building walls and screen walls. Stucco is generally in good condition. However, there are areas that require repairs. Contractor shall visit the building during bidding phase to observe the extent of damage and include all repair work in bid. After repairs are completed, paint stucco surfaces. Do not paint metal reveals at edges of stucco, see exterior elevations.
11. Provide 3/4" x 3 1/2" hardwood trim against edge of new folding partition hardwood jamb, vertically from the top of existing acoustical panel trim (+8'-0") to the ceiling (+16'-0").

FLOOR PLAN

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

1/8" = 1'-0"
01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

A101

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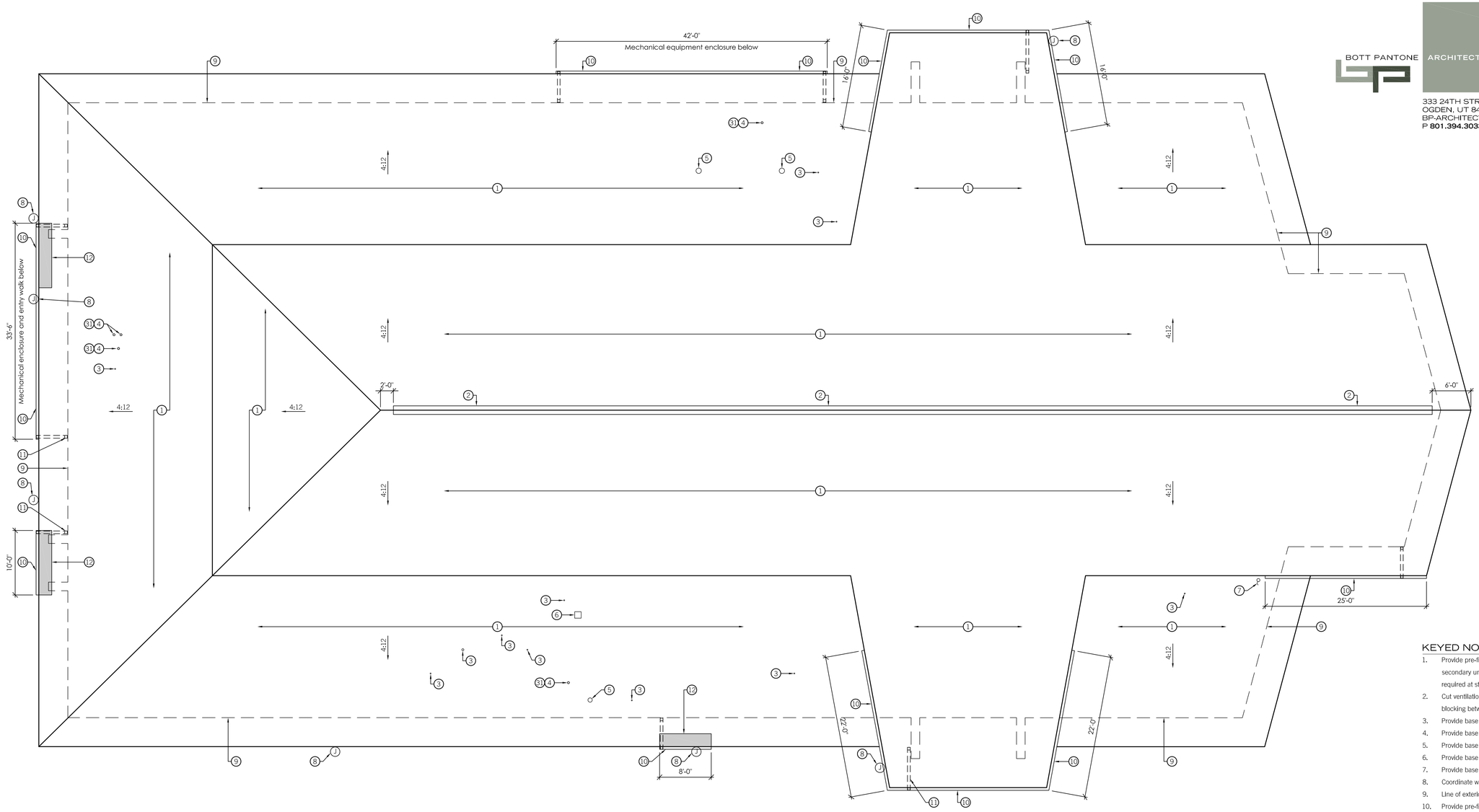
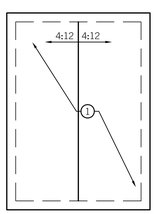


ROOF PLAN
A
Scale: 1/8" = 1'-0"



STORAGE
BUILDING ROOF PLAN
B
Scale: 1/8" = 1'-0"

GENERAL NOTES:

A. Field verify all existing conditions and dimensions prior to bidding.
B. Provide miscellaneous flashing and accessories required for a complete job. Provide new flashing on all existing and new penetrations. Verify quantities.
C. All material and equipment shall be new except where noted otherwise.
D. Flash all existing vents and flues.
E. Take precautions to ensure compromised roofing is not left exposed to weather at the end of the workday, particularly when inclement weather is forecast. Any and all damage to interior finished and/or equipment as a result of roofing work left open or inadequately secured will be repaired or replaced at no cost to the Owner.
F. Before installation of all new pipe jacks and pipe flashings verify that flues and vents are properly strapped inside the building to prevent settlement or shifting into roof. Prior to completion of the work, Contractor shall verify that mechanical equipment venting has positive release flow to roof vent and flue is secured to original height and all connections are tight and secure.
G. The existing free-standing on-site storage building will also be reroofed as part of this project.
H. Existing sheathing removal: sawcut and remove existing roof sheathing as required to facilitate seismic upgrade work. Extent and locations of sheathing removal may vary with Contractor's approach to upgrade work. Replace removed sheathing upon completion of seismic work, with sheathing to match existing in thickness, prior to applying new overlay sheathing (where occurs). Existing sheathing removed in good condition may be used for replacement.
I. Paint exposed vent pipes, furnace air pipes, and flues to match shingle color.
J. See structural for areas of roof sheathing overlay and other work to be completed prior to new roofing.
K. See electrical for new heat cable.

KEYED NOTES:

1. Provide pre-finished metal drip edge and asphalt shingles on roofing underlayments. Provide 3 courses of secondary underlayment at all eaves (upper and lower roofs) and rake ends. Secondary underlayment is not required at storage building.
2. Cut ventilation slots in existing and new sheathing at ridge. Provide pre-finished metal ridge vent and 2x4 blocking between existing trusses, see 1, 2, 5, 6, 8/A125. Coordinate with structural.
3. Provide base flashing at existing plumbing vent, see 3/A125.
4. Provide base flashing at new concentric furnace air pipe/flue, see 9/A125. Coordinate with structural.
5. Provide base flashing at existing metal flue, see 3/A125 (sim.).
6. Provide base flashing at existing exhaust fan cap, see 7/A125.
7. Provide base flashing at existing electrical conduit thru roof.
8. Coordinate with Electrical Contractor for reinstallation of heat cable J-box on new metal fascia.
9. Line of exterior building wall below roof.
10. Provide pre-finished metal rain gutter with downspout as shown, see 4/A125.
11. Connect new downspout to existing storm drain pipe riser above finish grade.
12. Provide 5/8" roof sheathing (2' wide minimum) where removed to eliminate existing built-in roof gutter. Sections of sheathing must span two truss spaces and break on three trusses minimum.

MECHANICAL KEYED NOTES:

31. Provide new concentric furnace air pipe/flue termination kit to replace existing separate PVC air and flue pipes. Make adjustments to air pipe routing within mechanical room below as required for proper separation. See 9/A125 and 2/M101.

NO.	DATE	DESCRIPTION

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No. 136728
LICENSED ARCHITECT

ROOF PLANS

1/8" = 1'-0"
01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

A121

BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
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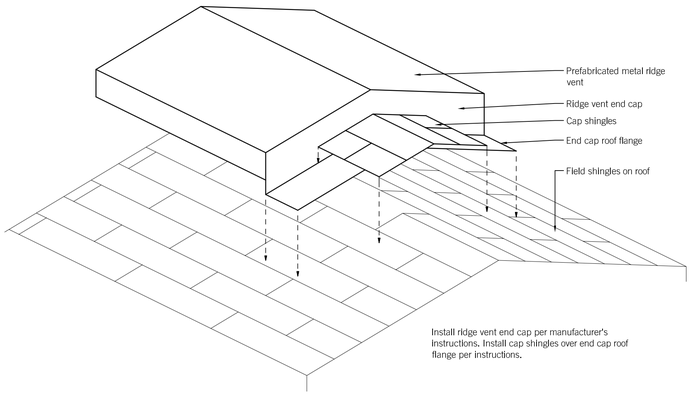
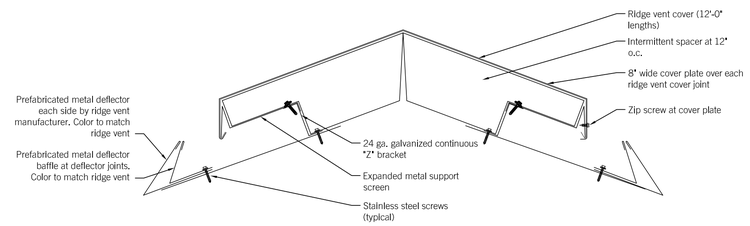
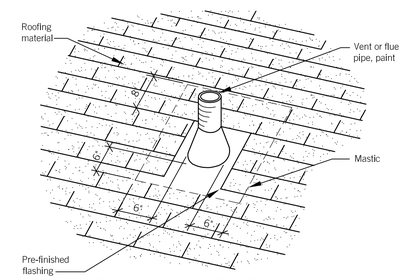


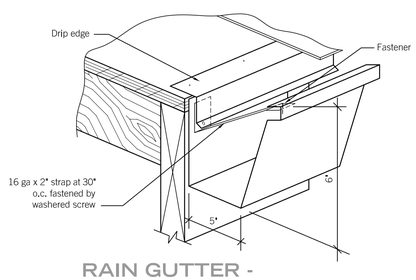
RIDGE VENT AND DETAIL
1 Scale: none



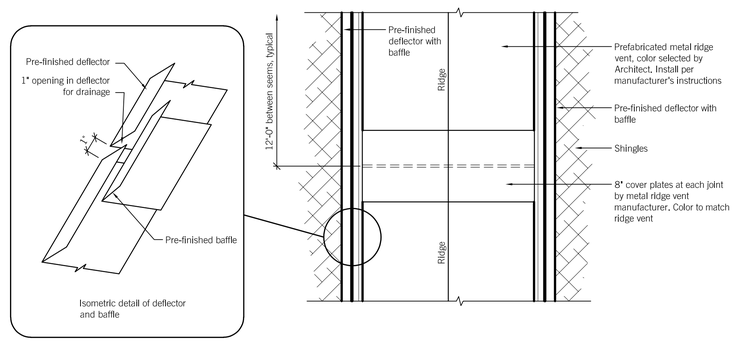
RIDGE VENT ENLARGED
2 Scale: none



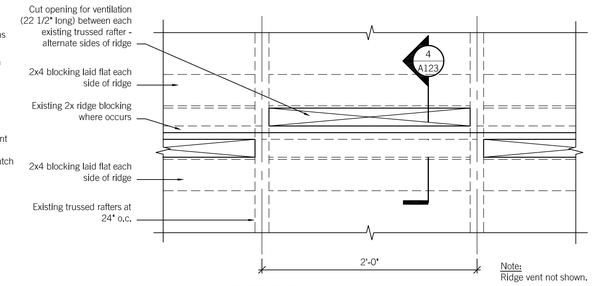
FLASHING DETAIL
3 Scale: 1/4" = 1'-0"



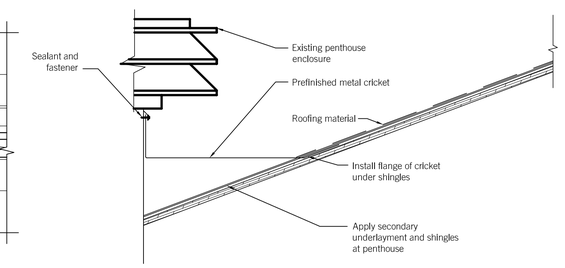
RAIN GUTTER - ASPHALT SHINGLE ROOFING
4 Scale: 1 1/2" = 1'-0"



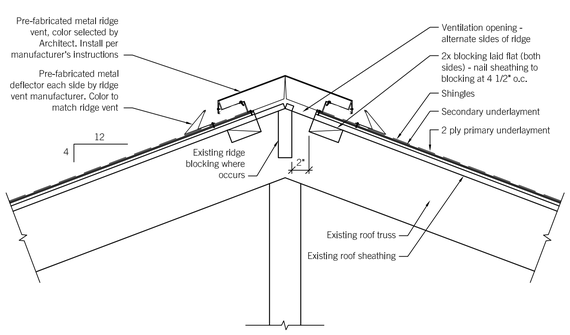
RIDGE CAP PLAN
5 Scale: 1 1/2" = 1'-0"



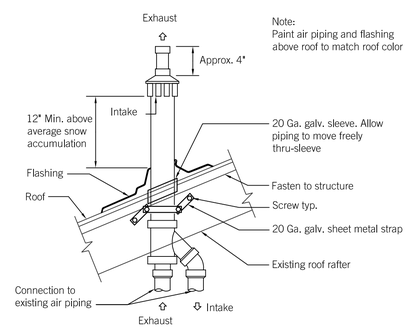
RIDGE PLAN (BELOW RIDGE CAP)
6 Scale: 1 1/2" = 1'-0"



ROOF PENTHOUSE DETAIL
7 Scale: 1 1/2" = 1'-0"



RIDGE SECTION
8 Scale: 1 1/2" = 1'-0"



Note:
Paint air piping and flashing above roof to match roof color

FURNACE AIR PIPING CONCENTRIC ROOF TERMINATION DETAIL
9 Scale: none

ROOFING DETAILS

01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

A125

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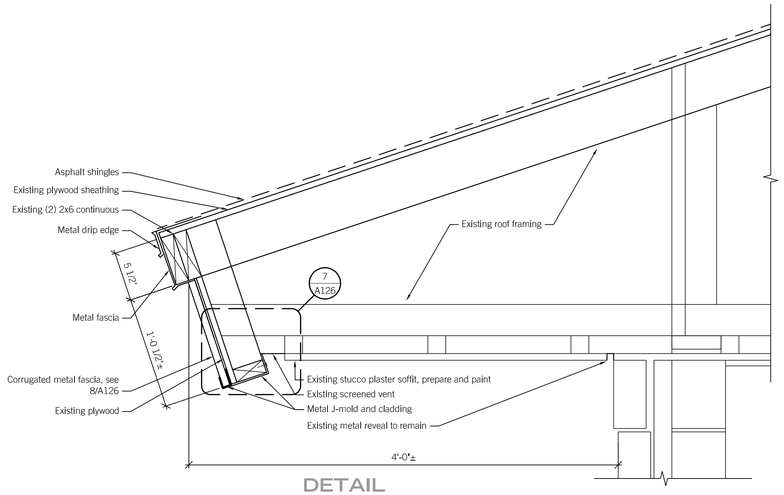
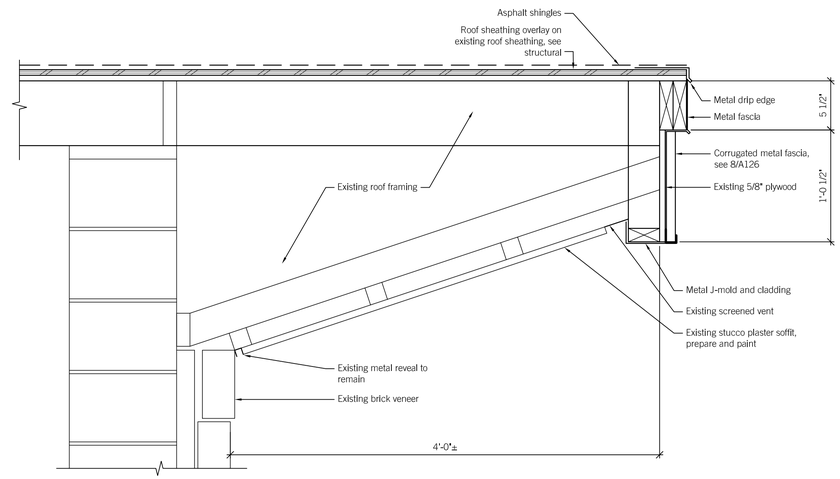


DETAIL 1
Scale: 1 1/2" = 1'-0"



DETAIL 2
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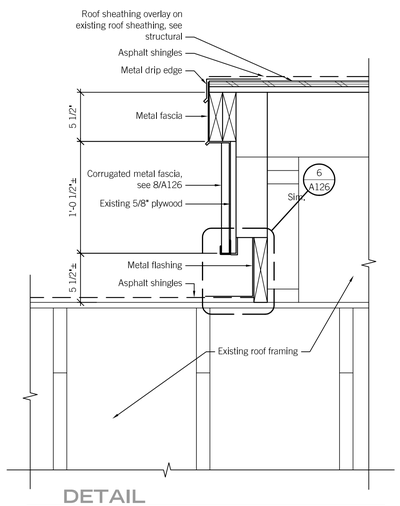
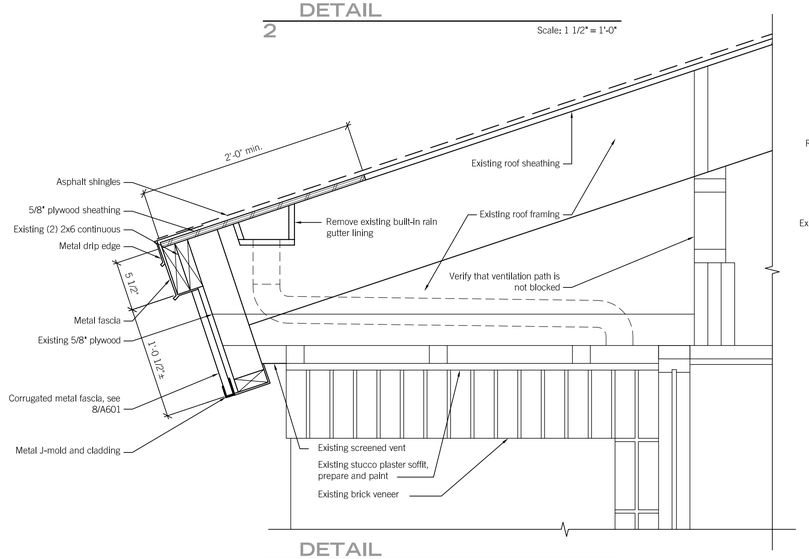
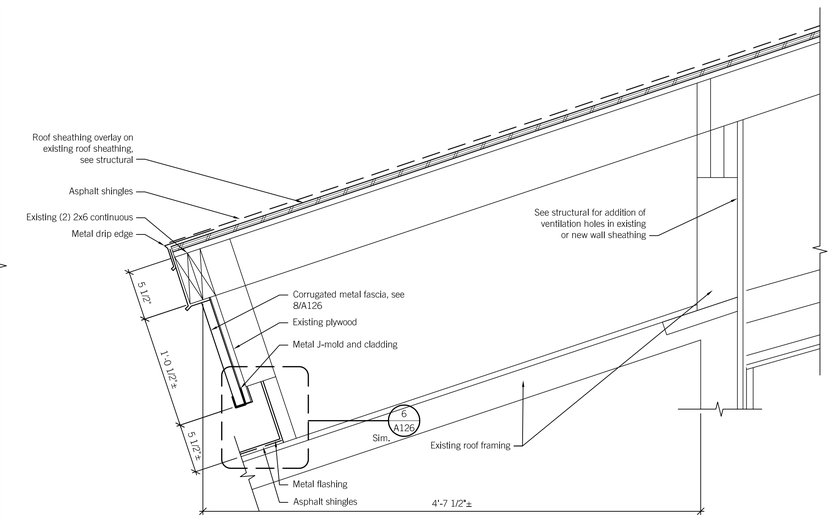


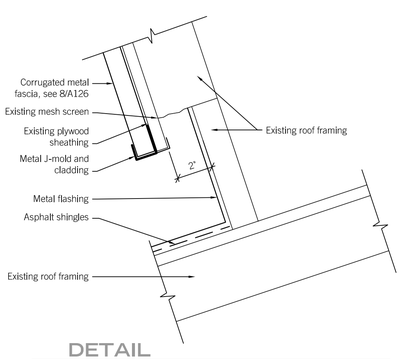
DETAIL 3
Scale: 1 1/2" = 1'-0"



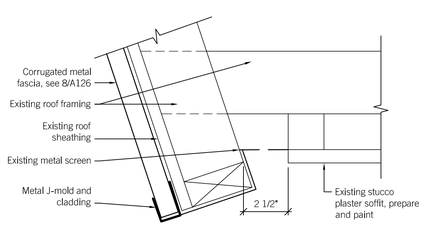
DETAIL 4
Scale: 1 1/2" = 1'-0"



DETAIL 5
Scale: 1 1/2" = 1'-0"

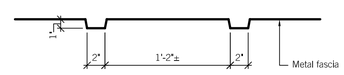


DETAIL 6
Scale: 3" = 1'-0"



DETAIL 7
Scale: 3" = 1'-0"

Note: fascia profile shall be similar to the existing.



FASCIA PROFILE
Scale: 1 1/2" = 1'-0"

NO.	DATE	DESCRIPTION

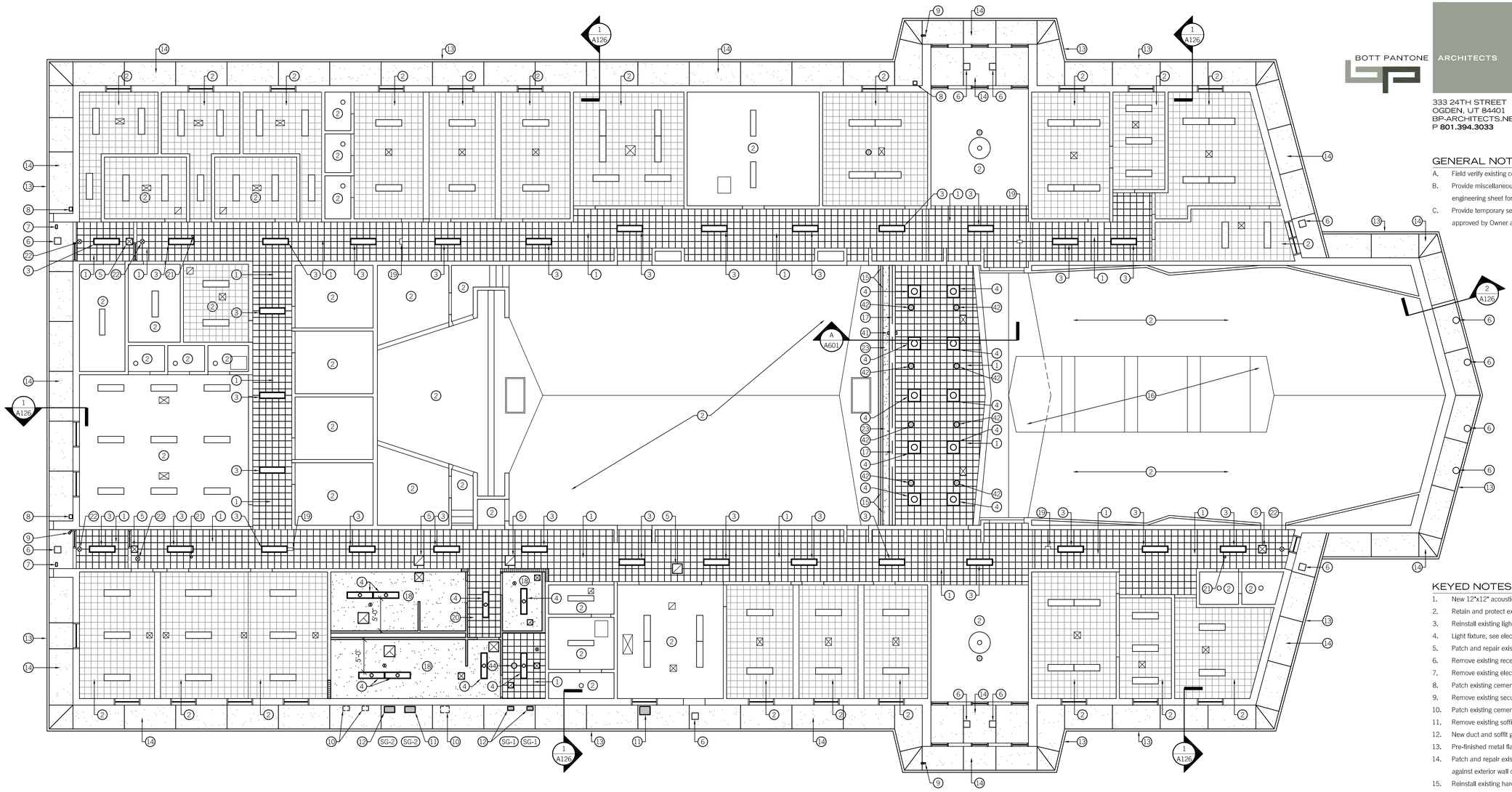
STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

ROOFING DETAILS

01.07.22
Project Number: **2109**
Property Number: **516-795720060101**

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

A126



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GENERAL NOTES:

A. Field verify existing conditions.
B. Provide miscellaneous demolition required for new construction, whether specifically called out or not. See engineering sheet for additional notes on demolition.
C. Provide temporary security/dust partitions at locations of new work. Locations of temporary partitions shall be approved by Owner and Architect.

KEYED NOTES: (#)

1. New 12"x12" acoustical ceiling tile. Patch and repair existing gypsum backer board as required.
2. Retain and protect existing ceiling finishes, light fixtures, mechanical diffusers/grilles, etc. in this space.
3. Reinstall existing light fixture, see electrical.
4. Light fixture, see electrical.
5. Patch and repair existing 5/8" gypsum board, texture and paint.
6. Remove existing recessed light fixture trim prior to painting soffit. Clean trim and reinstall after soffit is painted.
7. Remove existing electrical cover plate prior to painting soffit. Clean plate and reinstall after soffit is painted.
8. Patch existing cement stucco and metal lath where downspout removed.
9. Remove existing security camera prior to painting soffit. Clean and reinstall camera after soffit is painted.
10. Patch existing cement stucco and metal lath where existing soffit grille and duct removed.
11. Remove existing soffit grille prior to painting soffit. Provide new soffit grille after soffit is painted, see mechanical.
12. New duct and soffit grille, see M101.
13. Pre-finished metal flashing, see sheet A126.
14. Patch and repair existing cement stucco as required, clean, prepare, and paint. Do not paint metal reveal against exterior wall of building.
15. Reinstall existing hardwood trims at change of direction in ceiling (or provide new hardwood trims to match existing). Touch-up stain and varnish as required.
16. Provide bracing at existing Chapel ceiling cloud, see structural drawings.
17. New accordion folding partition header track, see 4/A601 and structural drawings.
18. 5/8" gypsum board ceiling, texture and paint. Provide painted wood trim at perimeter walls, see 2/A501.
19. Reinstall existing wireless access device on new ceiling finish.
20. Acoustical ceiling tile on 5/8" gypsum backer board.
21. Reinstall existing security camera on new ceiling finish.
22. Reinstall existing exit sign on new ceiling finish.
23. Prepare and paint existing gypsum board between existing wood trim and new folding partition header.

LEGEND:

- Plaster or gypsum board, paint
- Light fixtures
- Exit sign
- Sensor
- Mechanical diffusers & grilles
- Acoustic ceiling tile
- Wireless access point

SOUND KEYED NOTES: (#)

41. Install existing I.R. sensors at header track of new folding partition and make proper wiring connections.
42. Reinstall existing speakers on new ceiling finish. Relocate speakers to locations shown.
43. The 4 east speakers require re-wiring to remove them from the Cultural Center zones and connect them to the 4 west speakers in the Overflow zone. Connect the remaining Cultural Center speakers to the Cultural Center amplifier channel.
44. Install existing speaker and volume control removed from existing Mothers Room.

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

REFLECTED CEILING PLAN

1/8" = 1'-0"
01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

A151

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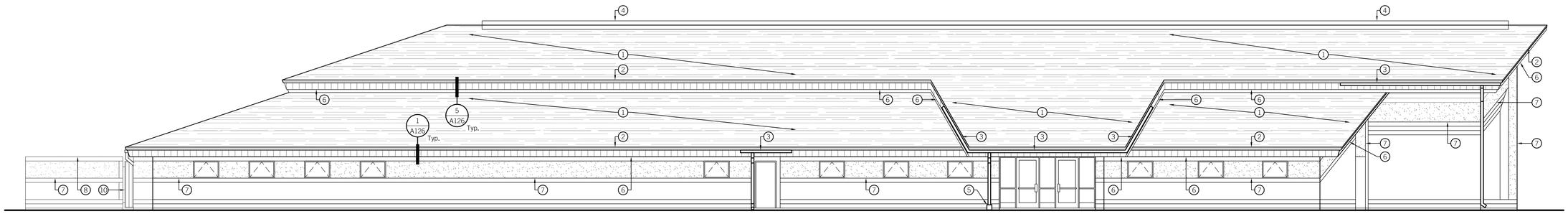
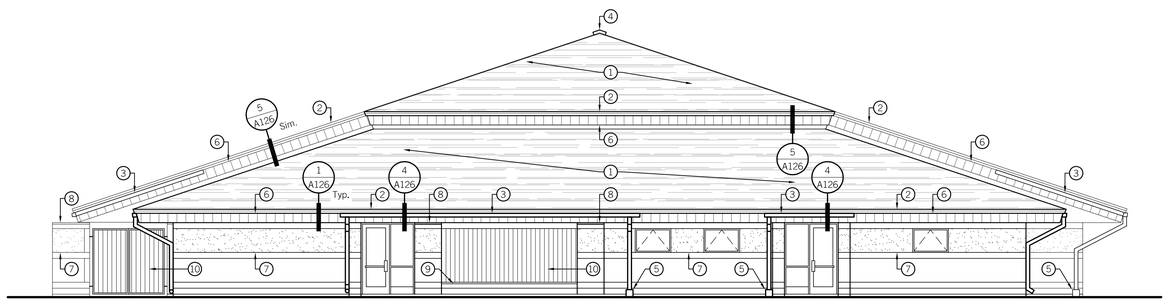


NORTH ELEVATION
A
Scale: 1/8" = 1'-0"



EAST ELEVATION
B
Scale: 1/8" = 1'-0"

GENERAL NOTES:

A. Field verify existing conditions.
B. Provide miscellaneous demolition as required for new construction whether noted in documents or not. Consult Architect when in question.
C. See roof plan sheet A121 for roof penetration locations and flashing requirements.
D. Paint roof penetrations to match roofing color.
E. Existing cement stucco band shown on exterior wall of building continues on building wall behind mechanical equipment screen wall. Same work described by keyed note 7 applies at these areas.

KEYED NOTES:

1. Provide asphalt shingles on primary and secondary underlayments. Provide 3 courses of secondary underlayment at rake ends and 3 courses at eaves (main building). See specifications.
2. Provide pre-finished metal drip edge (typical), see details, sheet A126.
3. Provide pre-finished metal rain gutter with downspout as indicated, see roof plan and 4/A125.
4. Provide pre-finished metal ridge vent, see 1, 2, 5, 6, 8/A125.
5. Connect new downspout to existing storm drain pipe riser above finish grade.
6. Pre-finished corrugated metal fascia and trim (entire building), see details on sheet A126.
7. Clean and prepare existing cement stucco at walls and soffits. Stucco is generally in good condition. However, there is some repair work required at various locations. Contractor shall visit building during bidding phase to observe extent of repairs and include all repair work in bid. After repairs are completed, paint stucco surfaces. Do not paint metal reveal at edges of stucco.
8. Provide pre-finished metal coping at top of existing masonry screen wall, see 1/A202.
9. Prepare and paint existing metal flashing at base of aluminum louvers (both sides of louvers). See 2/A202.
10. Power wash existing pre-finished aluminum louvers and gate to remove dirt and stains.

NO.	DATE	DESCRIPTION

STATE OF UTAH
C. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

EXTERIOR ELEVATIONS

1/8" = 1'-0"
01.07.22
Project Number: **2109**
Property Number: **516-795720060101**

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

A201

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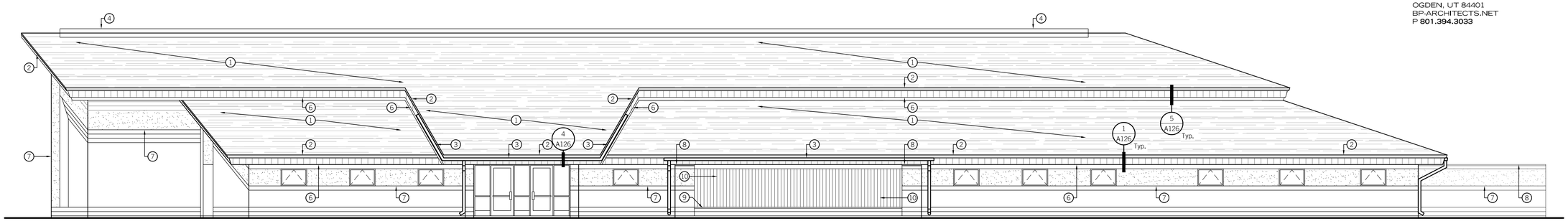
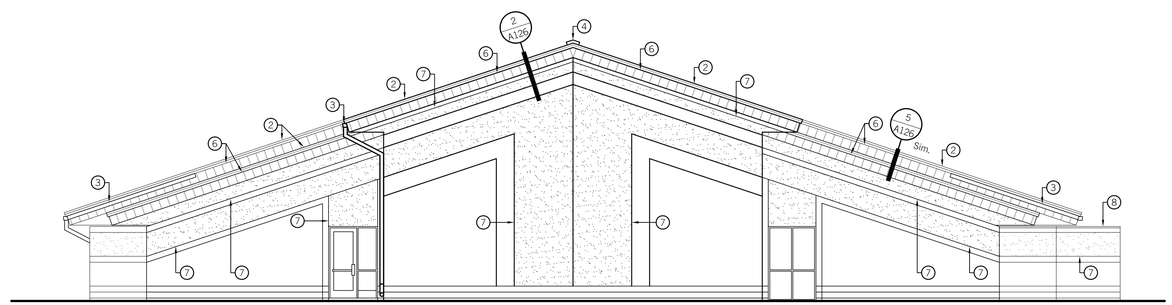


SOUTH ELEVATION
A
Scale: 1/8" = 1'-0"



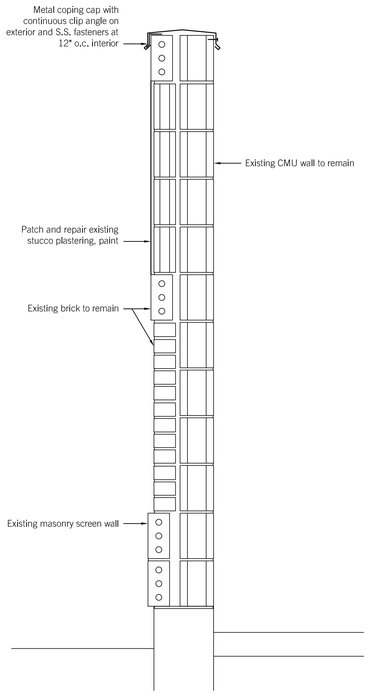
WEST ELEVATION
B
Scale: 1/8" = 1'-0"

GENERAL NOTES:

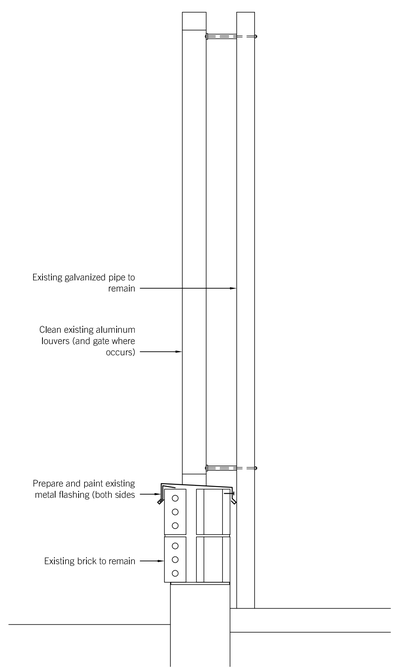
A. Field verify existing conditions.
B. Provide miscellaneous demolition as required for new construction whether noted in documents or not. Consult Architect when in question.
C. See roof plan sheet A121 for roof penetration locations and flashing requirements.
D. Paint roof penetrations to match roofing color.
E. Existing cement stucco band shown on exterior wall of building continues on building wall behind mechanical equipment screen wall. Same work described by keyed note 7 applies at these areas.

KEYED NOTES:

1. Provide asphalt shingles on primary and secondary underlayments. Provide 3 courses of secondary underlayment at rake ends and 3 courses at eaves (main building). See specifications.
2. Provide pre-finished metal drip edge (typical), see details, sheet A126.
3. Provide pre-finished metal rain gutter with downspout as indicated, see roof plan and 4/A125.
4. Provide pre-finished metal ridge vent, see 1, 2, 5, 6, 8/A125.
5. Connect new downspout to existing storm drain pipe riser above finish grade.
6. Pre-finished corrugated metal fascia and trim (entire building), see details on sheet A126.
7. Clean and prepare existing cement stucco at walls and soffits. Stucco is generally in good condition. However, there is some repair work required at various locations. Contractor shall visit building during bidding phase to observe extent of repairs and include all repair work in bid. After repairs are completed, paint stucco surfaces. Do not paint metal reveal at edges of stucco.
8. Provide pre-finished metal coping at top of existing masonry screen wall, see 1/A202.
9. Prepare and paint existing metal flashing at base of aluminum louvers (both sides of louvers). See 2/A202.
10. Power wash existing pre-finished aluminum louvers and gate to remove dirt and stains.



WALL SECTION
1
Scale: 1" = 1'-0"



WALL SECTION
2
Scale: 1" = 1'-0"

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

EXTERIOR ELEVATIONS

1/8" = 1'-0"
01.07.22
Project Number: **2109**
Property Number: **516-795720060101**

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

A202

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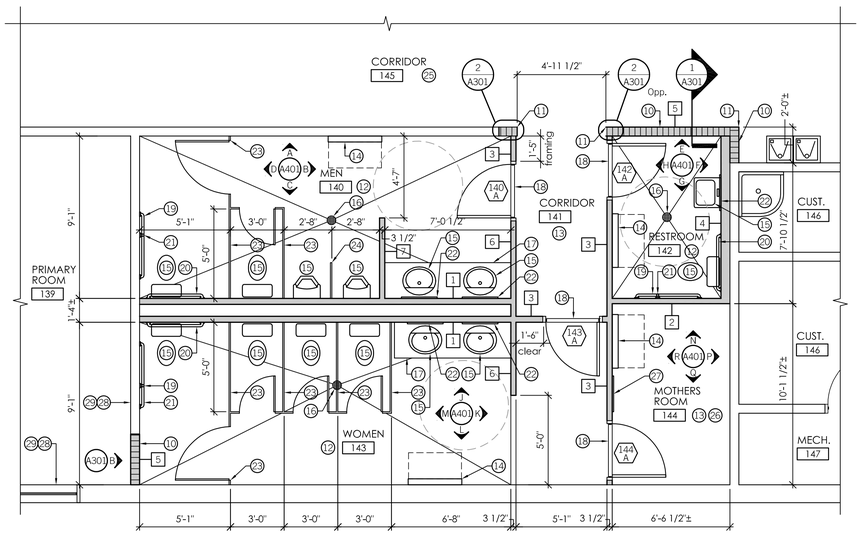
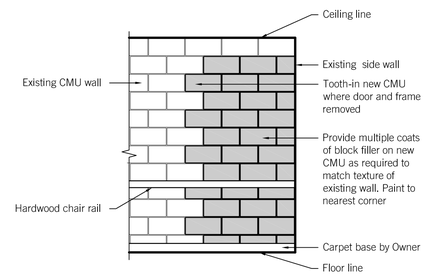


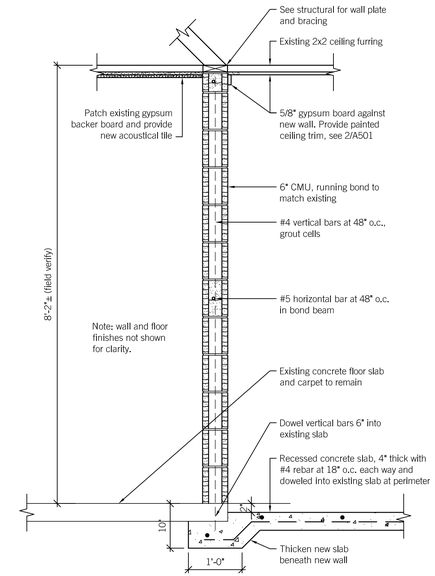
FLOOR PLAN
A

Scale: 1/4" = 1'-0"



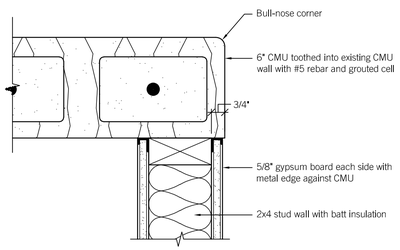
INFILL ELEVATION
B

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



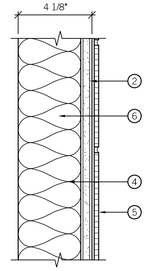
WALL SECTION
1

Scale: 3/4" = 1'-0"

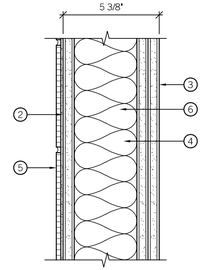


CORNER DETAIL
2

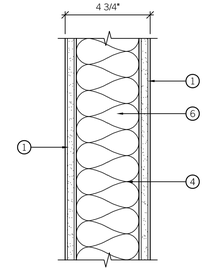
Scale: 3" = 1'-0"



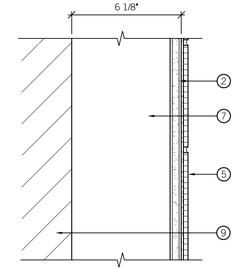
wall type 1



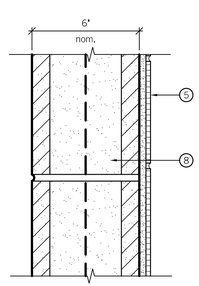
wall type 2



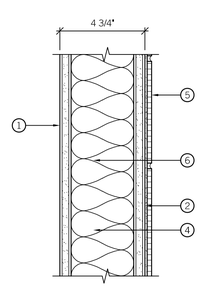
wall type 3



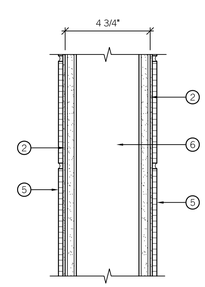
wall type 4



wall type 5



wall type 6



wall type 7

GENERAL NOTES:

A. Field verify existing conditions.
B. Provide miscellaneous demolition required for new construction, whether specifically called out or not. See engineering sheet for additional notes on demolition.
C. Provide temporary security/dust partitions at locations of new work. Locations of temporary partitions shall be approved by Owner and Architect.
D. Provide solid blocking in the walls at all door stops, toilet compartments, and at all other equipment and accessory locations - re: 1/A501 (typical).
E. See interior elevations for wall finishes within rooms.

KEYED NOTES:

1. 5/8" gypsum board.
2. 5/8" glass mat tile backer board.
3. 2 layers 5/8" gypsum board (Mothers Room side).
4. Batt insulation.
5. Ceramic tile system.
6. 2x4 studs at 16" o.c.
7. 2x6 studs at 16" o.c.
8. 6" CMU wall.
9. Existing masonry wall.
10. Provide 6" CMU wall full height, see 1/A301. Dowel bond beam rebar into existing CMU wall. Tooth-into existing CMU wall where infilling door opening, see B/A301. Paint walls to nearest corners beyond new work.
11. Provide bull-nose corner.
12. Thick-set paver tile floor on 4" thick concrete floor slab recessed 2" and reinforced with #4 rebar at 18" o.c. each way. Slope floor to floor drain.
13. 4" thick concrete floor slab with #4 rebar at 18" o.c. each way. Top of slab to be elevation 100'-0" at this room/space in preparation for carpet flooring.
14. Install Owner-furnished baby changing station.
15. Plumbing fixture, see P101.
16. Floor drain, see P101.
17. Countertop with steel support brackets, see 5/A501.
18. Stone threshold, see 2/A601.
19. 42" grab bar.
20. 36" grab bar.
21. 18" vertical grab bar.
22. 2'-0" x 3'-2" mirror. Install 1/2" above backsplash.
23. Toilet partition.
24. Urinal screen.
25. Retain and protect existing carpeting.
26. Provide sisal wainscot with hardwood chair rail in this room. Skim coat existing CMU walls (north and west) behind sisal in preparation for wainscot.
27. 2'-0" x 5'-0" mirror.
28. Prepare and paint CMU wall corner to corner.
29. Provide hardwood chair rail this wall, see 3/A501.

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

01.07.22
Project Number: 2109
Property Number: 516-795720060101

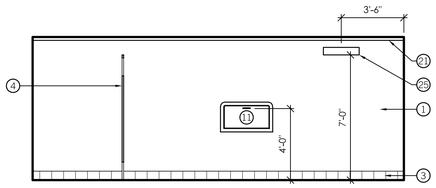
OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

ENLARGED RESTROOMS FLOOR PLAN AND WALL TYPES

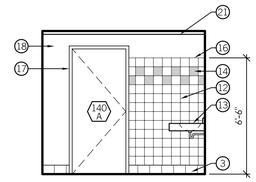
NORTH

A301

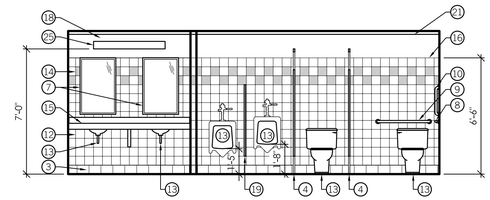
BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
BP:ARCHITECTS.NET
P 801.394.3033



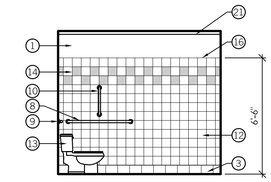
MEN 140 ELEVATION
A
Scale: 1/4" = 1'-0"



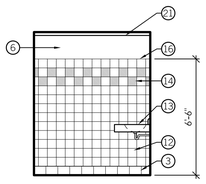
MEN 140 ELEVATION
B
Scale: 1/4" = 1'-0"



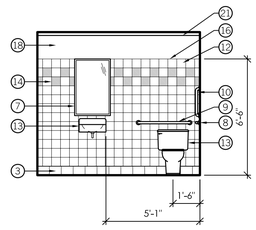
MEN 140 ELEVATION
C
Scale: 1/4" = 1'-0"



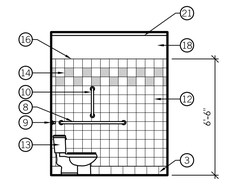
MEN 140 ELEVATION
D
Scale: 1/4" = 1'-0"



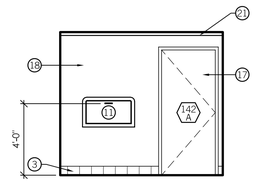
RESTROOM 142 ELEVATION
E
Scale: 1/4" = 1'-0"



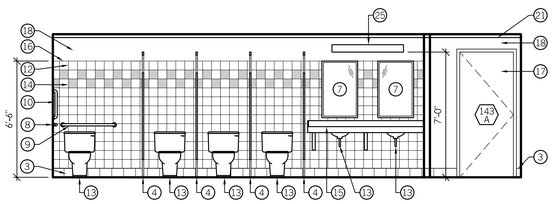
RESTROOM 142 ELEVATION
F
Scale: 1/4" = 1'-0"



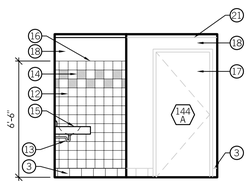
RESTROOM 142 ELEVATION
G
Scale: 1/4" = 1'-0"



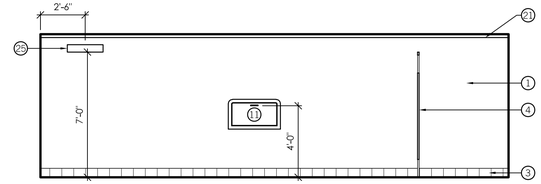
RESTROOM 142 ELEVATION
H
Scale: 1/4" = 1'-0"



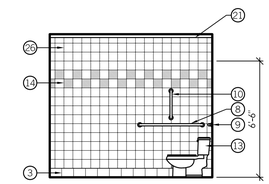
WOMEN 143 ELEVATION
J
Scale: 1/4" = 1'-0"



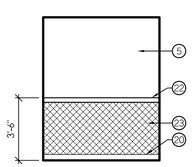
WOMEN 143 ELEVATION
K
Scale: 1/4" = 1'-0"



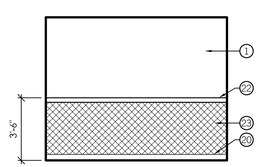
WOMEN 143 ELEVATION
L
Scale: 1/4" = 1'-0"



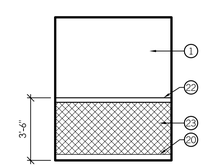
WOMEN 143 ELEVATION
M
Scale: 1/4" = 1'-0"



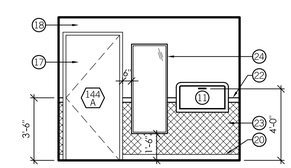
MOTHERS
ROOM 144 ELEVATION
N
Scale: 1/4" = 1'-0"



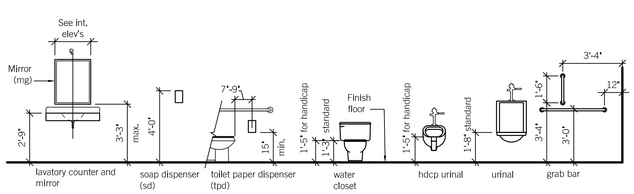
MOTHERS
ROOM 144 ELEVATION
P
Scale: 1/4" = 1'-0"



MOTHERS
ROOM 144 ELEVATION
Q
Scale: 1/4" = 1'-0"



MOTHERS
ROOM 144 ELEVATION
R
Scale: 1/4" = 1'-0"



TYPICAL ACCESSORY
MOUNTING LOCATION
S
Scale: 1/4" = 1'-0"

KEYED NOTES:

1. Existing CMU, paint.
2. Tooth-in 6" CMU to match existing where door and frame removed, paint.
3. Paver tile base, see 4/A501.
4. Toilet partition.
5. 2 layers 5/8" gypsum board, paint.
6. CMU, paint.
7. 2'-0" x 3'-2" mirror.
8. 42" grab bar.
9. 36" grab bar.
10. 18" vertical grab bar.
11. Baby changing station.
12. Ceramic wall tile.
13. Plumbing fixture, see P101.
14. Accent tile.
15. Countertop with steel support brackets, see 5/A501.
16. Bul-nosed tile at exposed edge (typlcal).
17. New door and frame, paint hollow metal frame.
18. 5/8" gypsum board, paint.
19. Urinal screen.
20. Carpet base.
21. Painted wood ceiling trim, see 2/A501.
22. Hardwood chair rail, see 3/A501.
23. Sisal wall covering wainscot. (Skim coat CMU wall where occurs for sisal installation.)
24. 2'-0" x 5'-0" mirror.
25. Wall-mount light fixture.
26. Full-height ceramic tile this wall (where existing full-height tile removed).

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

INTERIOR ELEVATIONS

A401

BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
BP:ARCHITECTS.NET
P 801.394.3033

ROOM FINISH SCHEDULE

ROOM NO.	ROOM DESIGNATION	FLOOR	BASE	WALLS	CEILING	CLG. HT.	SPECIALTIES	REMARKS	ROOM NO.
101	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	101
102	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	102
103	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	103
104	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	104
105	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	105
106	Storage	--	--	--	--	7'-11 7/8"	--	No work in this room.	106
107	Storage	--	--	--	--	7'-11 7/8"	--	No work in this room.	107
108	Storage	--	--	--	--	7'-11 7/8"	--	No work in this room.	108
109	Classroom	--	--	--	--	7'-11 3/8"	S7	No work in this room.	109
110	Materials Center	--	--	--	--	7'-11 3/8"	--	No work in this room.	110
111	Mechanical	--	--	--	--	7'-11 7/8"	--	No work in this room.	111
112	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	112
113	Foyer	X	X	X	C1	Varies	--	--	113
114	Bishop	--	--	--	--	7'-11 3/8"	--	No work in this room.	114
115	Clerk	--	--	--	--	7'-11 3/8"	--	No work in this room.	115
116	Bishop	--	--	--	--	7'-11 3/8"	--	No work in this room.	116
117	Vestibule	X	X	X	C1	7'-11 3/8"	S6	--	117
118	Corridor	X	X	X	C1	7'-11 7/8"	S6, S7	--	118
119	Corridor	X	X	X	C1	7'-11 7/8"	S7	--	119
120	Clerk	--	--	--	--	7'-11 3/8"	--	No work in this room.	120
121	Mechanical	--	--	--	--	7'-11 7/8"	--	No work in this room.	121
122	Storage	--	--	--	--	7'-11 7/8"	S7	No work in this room.	122
123	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	123
124	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	124
125	Storage	--	--	--	--	7'-11 7/8"	--	No work in this room.	125
126	Storage	--	--	--	--	7'-11 7/8"	--	No work in this room.	126
127	Storage	--	--	--	--	7'-11 7/8"	--	No work in this room.	127
128	Relief Society Room	--	--	--	--	7'-11 7/8"	S7	No work in this room.	128
129	Corridor	X	X	X	C1	7'-11 7/8"	S7	--	129
130	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	130
131	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	131
132	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	132
133	Platform	--	--	--	--	Varies	--	No work in this room.	133
134	Cultural Center	X	X	X	C5*	Varies	S8	Occurs at west end of room between existing hardwood ceiling trim and new folding partition header.	134
135	Overflow	X	X	X	C1	16'-0"	S8	--	135
136	Chapel	--	--	--	--	Varies	--	No work in this room.	136
137	Rostrum	--	--	--	--	Varies	--	No work in this room.	137
138	Vestibule	X	X	X	C1	7'-11 3/8"	--	--	138
139	Primary Room	X	B1*	W1, X, X, 1	X	7'-11 3/8"	S1 (north and west walls)	Carpet base as required at wall infill.	139
140	Men	F2	B2	W6, 5, 1, 6 & 7	C2	7'-11 7/8"	S2, S3, S4, S5	--	140
141	Corridor	F1	B1	W7, 7, 7, 7	C4	7'-11 7/8"	S3	--	141
142	Restroom	F2	B2	W6, 7, 5, 6	C2	7'-11 7/8"	S2, S3, S4	--	142
143	Women	F2	B2	W1, 5*, 6, 7	C2	7'-11 7/8"	S2, S3, S4, S5	Full-height ceramic tile on east wall.	143
144	Mothers Room	F1	B1	W4, 3, 3*, 4	C1	7'-11 7/8"	S1, S3, S4	2 layers 5/8" gypsum board on south wall.	144
145	Corridor	X	B1*	W1 & 2, X, X, X	C1	7'-11 7/8"	S7	Carpet base at new CMU walls.	145
146	Custodial	--	--	--	--	7'-11 7/8"	--	No work in this room.	146
147	Mechanical	--	--	--	--	7'-11 7/8"	--	No work in this room.	147
148	Serving Area	--	--	--	--	7'-11 7/8"	--	No work in this room.	148
149	Nursery	--	--	--	--	7'-11 3/8"	--	No work in this room.	149
150	Foyer	X	X	X	C1	Varies	--	--	150
151	Corridor	X	X	X	C1	7'-11 7/8"	S7	--	151
152	Bishop	--	--	--	--	7'-11 3/8"	--	No work in this room.	152
153	Clerk	--	--	--	--	7'-11 3/8"	--	No work in this room.	153
154	Sacrament Preparation	--	--	--	--	7'-11 7/8"	--	No work in this room.	154
155	Storage	--	--	--	--	7'-11 7/8"	--	No work in this room.	155
156	Classroom	--	--	--	--	7'-11 3/8"	--	No work in this room.	156
157	Vestibule	X	X	X, W8, X, W8	C3	7'-11 3/8"	--	--	157
158	Vestibule	X	X	X, W8, X, W8	C3	7'-11 3/8"	--	--	158

ROOM FINISH KEY

FLOOR		BASE		WALLS		CEILING		SPECIALTIES	
F1	Carpet, by Owner.	B1	Carpet base, by Owner.	W1	Existing CMU, paint.	C1	Patch and repair existing gypsum backer board and provide new acoustical ceiling tile.	S1	Hardwood chair rail, see 3/A501.
F2	Paver tile.	B2	Paver tile base.	W2	CMU, paint.	C2	5/8" gypsum board (smooth finish), paint.	S2	Wood ceiling trim, paint. See 2/A501.
				W3	Gypsum board with sisal wall covering wainscot and paint above.	C3	Prepare existing cement stucco ceiling and paint.	S3	Hollow metal door frame, paint.
				W4	Existing CMU - provide sisal wainscot over skim coat and paint above.	C4	Acoustical ceiling tile on 5/8" gypsum backer board.	S4	Baby changing station.
				W5	Ceramic tile wainscot on CMU, paint CMU above tile.	C5	Patch existing textured gypsum board and paint.	S5	Plastic laminate vanity, see 5/A501.
				W6	Ceramic tile wainscot on 5/8" glass mat backer board - painted 5/8" gypsum board above.			S6	Prepare and paint corridor side of existing hollow metal frame door.
				W7	5/8" gypsum board, paint.			S7	Touch-up stain and finish on hardwood door where room sign removed.
				W8	Prepare and paint existing cement stucco.			S8	Hardwood folding partition jamb, see 5/A601.

ROOM FINISH NOTES

A. Specialties are listed for the Contractor's convenience and are not necessarily all-inclusive. Provide all items shown on the drawings or noted in the specifications regardless of whether or not they are listed on this schedule.

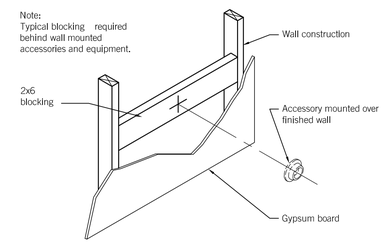
B. Provide bead of clear silicone where sisal wall covering meets hollow metal door frames.

LEGEND

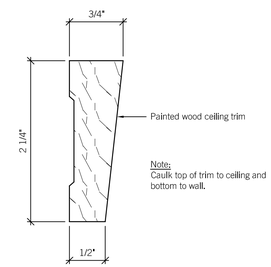
* = See remarks
--- = No new finish
x = Existing finish to remain
(#) = See notes below

Note:
If more than one finish code appears in a box it is to designate the location of the finish.

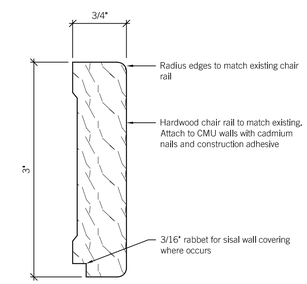
e.g. w1,2,1,3
North wall
East wall
South wall
West wall



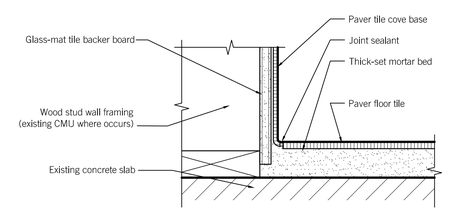
ACCESSORY MOUNTING DETAIL
1
Scale: None



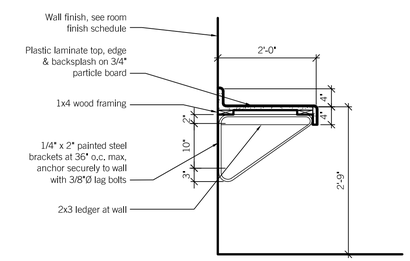
CEILING TRIM
2
Scale: full



HARDWOOD CHAIR RAIL
3
Scale: full



FLUSH COVE TILE BASE DETAIL
4
Scale: 3" = 1'-0"



COUNTERTOP
5
Scale: 3/4" = 1'-0"

ROOM FINISH SCHEDULE

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

01.07.22
Project Number: 2109
Property Number: 516-795720060101

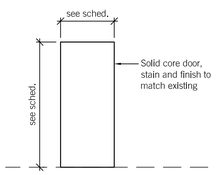
OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

A501

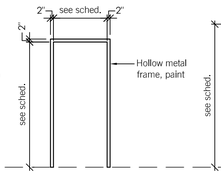
BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
BP:ARCHITECTS.NET
P 801.394.3033

DOOR SCHEDULE

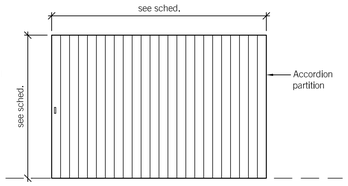
NO.	ROOM NAME	DOOR WIDTH	DOOR HEIGHT	DOOR THICK.	DOOR TYPE	DOOR CONST.	DOOR FINISH	DOOR GLASS	FIRE RATING (MIN)	FRAME WIDTH	FRAME TYPE	FRAME CONST.	FRAME SIDELITE	FRAME TRANSOM	DETAILS HEAD	DETAILS JAMB	DETAILS THRESH.	HDWR. GROUP	REMARKS (n/a : not applicable; x : existing; * : see remarks; - : none)	NO.
140A	Men	3'-0"	7'-0"	1 3/4"	A	Solid core	Hardwood stain	--	20	5 3/4"	1	H.M.	--	--	1/A601	1/A601	2/A601	29	Use overhead stop.	140A
142A	Restroom	3'-0"	7'-0"	1 3/4"	A	Solid core	Hardwood stain	--	20	5 3/4"	1	H.M.	--	--	1/A601	1/A601	2/A601	28D	--	142A
143A	Women	3'-0"	7'-0"	1 3/4"	A	Solid core	Hardwood stain	--	20	5 3/4"	1	H.M.	--	--	1/A601	1/A601	2/A601	29	--	143A
144A	Mothers Room	3'-0"	7'-0"	1 3/4"	A	Solid core	Hardwood stain	--	--	5 3/4"	1	H.M.	--	--	1/A601	1/A601	2/A601	28	--	144A
P1	Overflow 135	40'-0"	17'-0"±	--	P	--	Vinyl	--	--	--	--	--	--	--	4/A601	5/A601	--	--	Field verify opening size.	P1



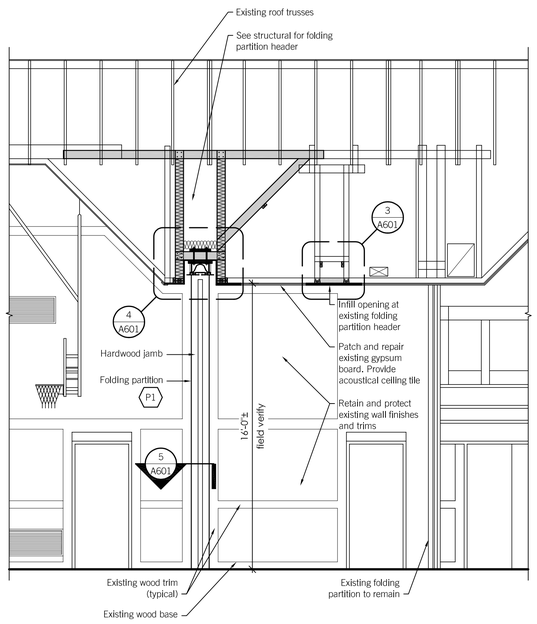
DOOR TYPE "A"



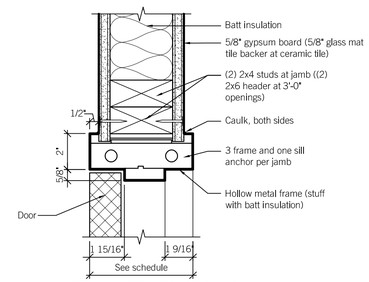
FRAME TYPE "1"



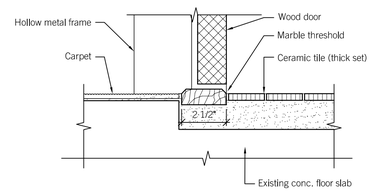
DOOR TYPE "P"



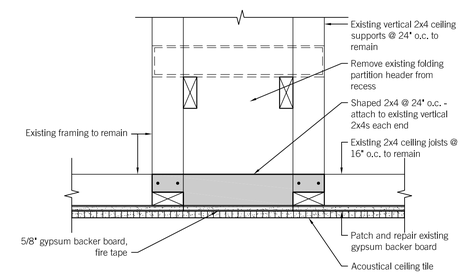
CEILING SECTION
A
Scale: 1/4" = 1'-0"



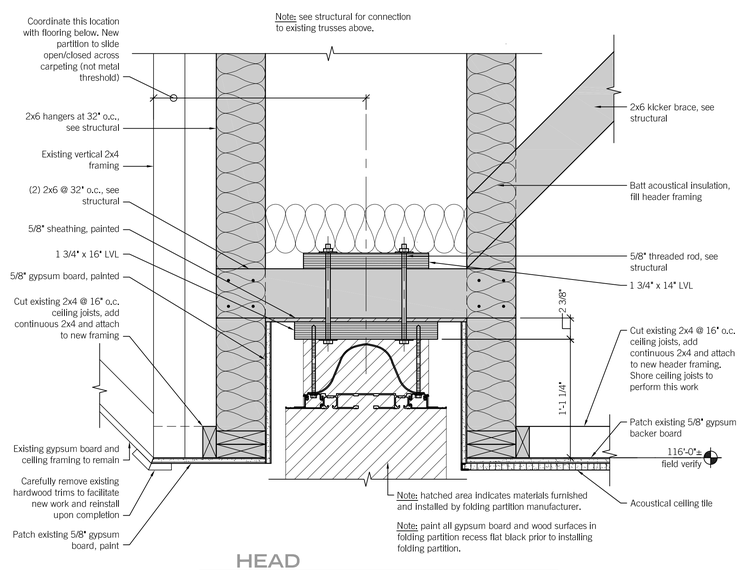
JAMB / HEAD (SIM.)
1
Scale: 3" = 1'-0"



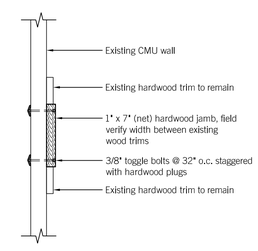
THRESHOLD DETAIL
2
Scale: 3" = 1'-0"



CEILING INFILL
3
Scale: 1 1/2" = 1'-0"



HEAD
4
Scale: 1 1/2" = 1'-0"



JAMB
5
Scale: 1 1/2" = 1'-0"

NO.	DATE	DESCRIPTION

DOOR SCHEDULE

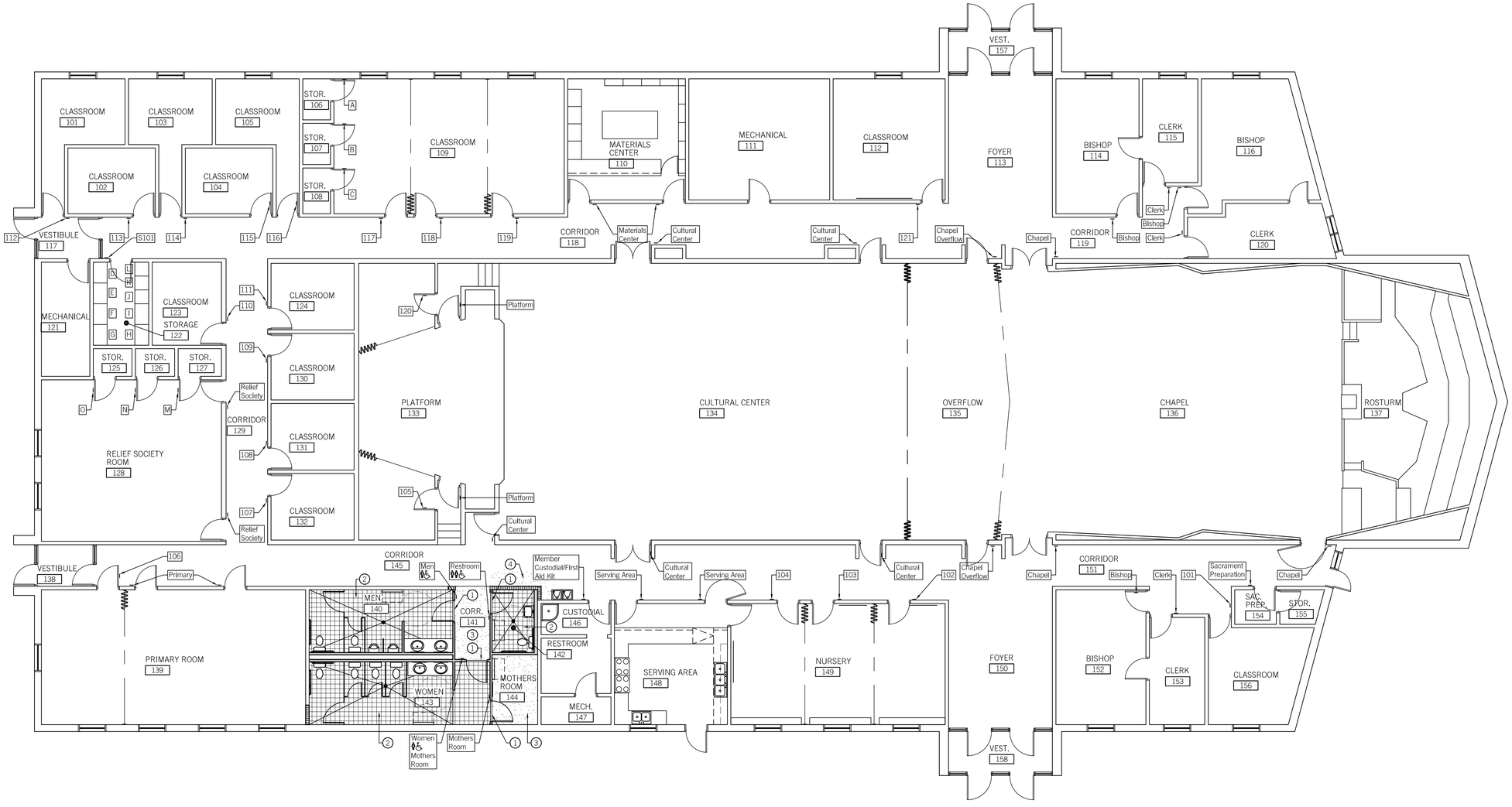
STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

A601

BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
BP:ARCHITECTS.NET
P 801.394.3033



GENERAL NOTES:

A. Field verify existing conditions.

B. Provide miscellaneous demolition required for new construction, whether specifically called out or not. See engineering sheets for additional notes on demolition.

C. Provide temporary security/dust partitions at locations of new work. Locations of temporary partitions shall be approved by Owner and Architect.

KEYED NOTES: (#)

1. 2 1/2" stone threshold.
2. Paver tile floor and base.
3. Carpet and carpet base.
4. Patch carpet and carpet base against new wall.

FURNISHINGS SCHEDULE

NOTE

SEE DIVISION 01 SPECIAL REQUIREMENTS OF SPECIFICATIONS FOR INSTRUCTIONS CONCERNING OWNER FURNISHED ITEMS.

FURNISHED BY	ITEM	BRAND	STYLE OR TYPE	COLOR
OWNER	CARPET	SEE DIV. 9	LOOP PILE	
OWNER	ROOM SIGNAGE	SEE DIV. 10	SEE 1/F102	BLUE

FURNISHINGS AND SIGNAGE PLAN

NO.	DATE	DESCRIPTION

STATE OF UTAH
G. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

01.07.22
Project Number: 2109
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OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

F101

BOTT PANTONE ARCHITECTS
333 24TH STREET
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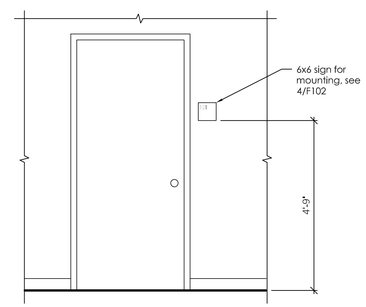
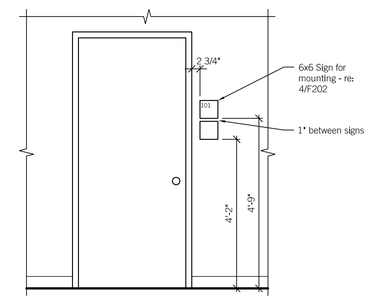
P 801.394.3033

BUILDING SIGNAGE SCHEDULE

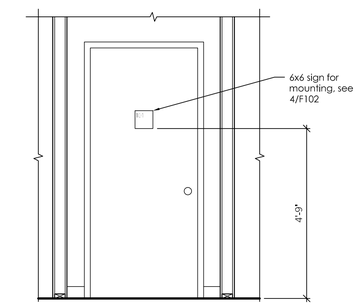
SIGNAGE ROOM NAME OR NUM.	QUANTITY	SIZE	MOUNTING	
Chapel	3	6x6	1/F102	
Chapel Overflow	2	6x6	1/F102	
Bishop's Office	3	6x6	1 & 3/F102	Ward names by F.M.
Clerk's Office	3	6x6	1/F102	Ward names by F.M.
Relief Society	2	6x6	1/F102	
Primary	2	6x6	1/F102	
Cultural Center	5	6x6	1 & 3/F102	
Sacrament Preparation	1	6x6	1/F102	
Member Custodial/First Aid Kit	1	6x6	2/F102	
Men	1	6x6	1/F102	
Women	1	6x6	2/F102	
Restroom	1	6x6	1/F102	
Materials Center	2	6x6	1/F102	
Mothers Room	2	6x6	1 & 2/F102	
Platform	2	6x6	3/F102	
Serving Area	2	6x6	1/F102	
S101	1	6x6	1/F102	
101	1	6x6	1/F102	
102	1	6x6	1/F102	
103	1	6x6	1/F102	
104	1	6x6	1/F102	
105	1	6x6	3/F102	
106	1	6x6	3/F102	
107	1	6x6	1/F102	
108	1	6x6	1/F102	
109	1	6x6	1/F102	
110	1	6x6	1/F102	
111	1	6x6	1/F102	
112	1	6x6	1/F102	
113	1	6x6	1/F102	
114	1	6x6	1/F102	
115	1	6x6	1/F102	
116	1	6x6	1/F102	
117	1	6x6	1/F102	
118	1	6x6	1/F102	
119	1	6x6	1/F102	
120	1	6x6	1/F102	
121	1	6x6	1/F102	
A thru O (flat sign)	15	6x2	5/F102	



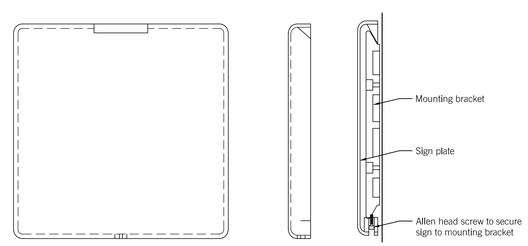
MOLDED SIGN MOUNTING
1 Scale: 1/2" = 1'-0"



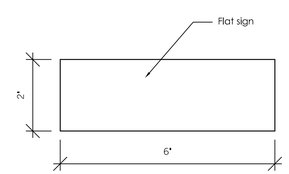
MOLDED SIGN MOUNTING
2 Scale: 1/2" = 1'-0"



MOLDED SIGN MOUNTING
3 Scale: 1/2" = 1'-0"



SIGN PLATE DETAIL
4 Scale: 6" = 1'-0"



Note:
Sign is supplied with self-adhesive.

FLAT SIGN DETAIL
5 Scale: 6" = 1'-0"

NO.	DATE	DESCRIPTION

STATE OF UTAH
C. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

ROOM SIGNAGE SCHEDULE AND DETAILS

NORTH

F102

STRUCTURAL NOTES :

A. GENERAL

1. THE STRUCTURAL NOTES ARE INTENDED TO COMPLEMENT THE PROJECT SPECIFICATIONS WHICH ARE PART OF THE CONSTRUCTION DOCUMENTS. SPECIFIC NOTES AND DETAILS ON THE DRAWINGS SHALL GOVERN OVER THE STRUCTURAL NOTES AND TYPICAL DETAILS.
2. THESE DRAWINGS (AND, WHERE APPLICABLE, ACCOMPANYING WRITTEN SPECIFICATIONS) ARE THE ONLY CONTRACT DOCUMENTS PROVIDED BY ARW ENGINEERS FOR THE PROJECT REPRESENTED HEREIN. NOTHING IN ANY DIGITAL MODEL OR DIGITAL FILE RELATED TO THIS PROJECT SHALL BE TAKEN TO SUPERSEDE ANY INFORMATION SHOWN IN THESE DRAWINGS (INCLUDING, BUT NOT LIMITED TO, DIMENSIONS, SIZES, ETC).
3. THE ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. THE STRUCTURAL DRAWINGS ARE SUPPLEMENTARY TO AND MUST BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND OTHER CONSULTANTS DRAWINGS. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND STRUCTURAL ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN CASE OF CONFLICT, FOLLOW THE MOST STRINGENT REQUIREMENT AS DIRECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
4. SEE SPECIFICATIONS FOR REQUIRED SUBMITTALS. SUBMITTALS SHALL BE MADE IN A TIMELY MANNER AS INDICATED IN SPECIFICATIONS. REVIEW OF SUBMITTALS BY ARW ENGINEERS IS FOR GENERAL COMPLIANCE ONLY AND IS NOT INTENDED AS APPROVAL. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SIZES, DIMENSIONS, AND ELEVATIONS ON SUBMITTALS AS RELATED TO DESIGN DOCUMENTS. PREPARATION OF SHOP DRAWINGS FOR STRUCTURAL ELEMENTS WILL REQUIRE INFORMATION (I.E. DIMENSIONS, ETC.) FOUND IN THE ARCHITECTURAL, STRUCTURAL, AND OTHER CONSULTANTS DRAWINGS.
5. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE SITE. IF ACTUAL CONDITIONS DIFFER FROM THOSE SHOWN ON CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY ARCHITECT PRIOR TO FABRICATION OR CONSTRUCTION OF ANY AFFECTED ELEMENTS.
6. THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL LOCATIONS AND SIZES OF MECHANICAL EQUIPMENT OR OTHER EQUIPMENT BEFORE FABRICATING AND ERECTING STRUCTURAL ELEMENTS. SIZES AND LOCATIONS THAT DIFFER FROM THOSE SHOWN ON THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT.
7. THE CONTRACTOR SHALL SUBMIT A WRITTEN REQUEST TO THE ARCHITECT FOR ARCHITECT AND/OR ENGINEER APPROVAL BEFORE PROCEEDING WITH ANY CHANGES, MODIFICATIONS, OR SUBSTITUTIONS.
8. OBSERVATION VISITS TO THE SITE BY ARW ENGINEERS FIELD REPRESENTATIVES SHALL NEITHER BE CONSTRUED AS INSPECTION NOR APPROVAL OF CONSTRUCTION.
9. DURING AND AFTER CONSTRUCTION, BUILDER AND/OR OWNER SHALL KEEP LOADS ON STRUCTURE WITHIN THE LIMITS OF DESIGN LOADS AS NOTED IN THESE DOCUMENTS.
10. TYPICAL OR SIMILAR DETAILS AND SECTIONS SHALL APPLY WHERE SPECIFIC DETAILS ARE NOT SHOWN. TYPICAL OR SIMILAR DETAILS REFER TO THE CONDITION ADDRESSED AND ARE NOT NECESSARILY DETAILS LABELED "TYPICAL" OR "SIMILAR" IN THE PLANS AND DOCUMENTS.
11. DRAWINGS AND DETAILS HAVE BEEN PREPARED WITH THE INTENT TO VISUALLY REPRESENT INFORMATION PROVIDED IN SCALED FORM; HOWEVER CONTRACTOR/SUPPLIERS SHOULD NOT SCALE PLANS OR DETAILS FOR DIMENSIONAL INFORMATION.
12. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY SHORING AND BRACING FOR ALL STRUCTURAL ELEMENTS UNTIL THE ENTIRE STRUCTURAL SYSTEM IS COMPLETED. DESIGN OF ALL SHORING AND BRACING IS BY OTHERS AT NO ADDITIONAL COST TO THE OWNER.
13. ENGINEER SHALL NOT BE RESPONSIBLE FOR ACTIVITIES UNDER CONTROL OF THE CONTRACTOR SUCH AS CONSTRUCTION SITE SAFETY, MEANS, METHODS AND SEQUENCING OF CONSTRUCTION. ENGINEER SHALL NOT BE RESPONSIBLE FOR FABRICATION, ERECTION AND CONSTRUCTION REQUIREMENTS AS PRESCRIBED BY OSHA OR OTHER REGULATORY AGENCIES REGARDLESS OF INDICATIONS IN THESE DOCUMENTS.
14. NOTICE OF COPYRIGHT: THESE STRUCTURAL DRAWINGS ARE HEREBY COPYRIGHTED BY ARW ENGINEERS, ALL RIGHTS RESERVED. THESE DOCUMENTS DEFINE A STRUCTURE AND ARE INSTRUMENTS OF SERVICE, FOR ONE USE ONLY. REPRODUCTION AND DISTRIBUTION OF THESE DRAWINGS IS ONLY ALLOWED AS REQUIRED FOR REGULATORY AGENCIES AND FOR CONVEYANCE OF INFORMATION TO PARTIES INVOLVED IN THE CONSTRUCTION OF THIS PROJECT. THESE DOCUMENTS SHALL NOT BE REPRODUCED OR COPIED, IN PART OR WHOLE BY ANY PARTY FOR USE IN PREPARATION OF SHOP DRAWINGS OR OTHER SUBMITTALS.
15. WHERE THE WORD "SHALL" OCCURS IN THESE DRAWINGS AND ANY ACCOMPANYING SPECIFICATIONS, IT IS CONSIDERED A MANDATORY OBLIGATION AND SYNONYMOUS WITH THE PHRASE "HAS DUTY TO".

B. STATEMENT OF SPECIAL INSPECTIONS AND SPECIAL INSPECTIONS

1. THE DESIGNATED SEISMIC/WIND SYSTEMS AND SEISMIC/WIND-FORCE-RESISTING SYSTEMS THAT ARE SUBJECT TO SPECIAL INSPECTIONS IN ACCORDANCE WITH IBC SECTION 1705.11 AND 1705.12 ARE IDENTIFIED ON THESE DOCUMENTS WITH A CIRCLE "L". ALL OTHER ITEMS REQUIRING SPECIAL INSPECTION ARE IDENTIFIED IN THE SPECIAL INSPECTION SCHEDULE ON SHEET S002.
2. SPECIAL INSPECTIONS AND TESTING ARE TO BE PROVIDED AS REQUIRED BY IBC SECTIONS 1704 THROUGH 1705 AND OTHER APPLICABLE SECTIONS OF THE IBC. THE TYPE AND FREQUENCY OF TESTING AND SPECIAL INSPECTIONS SHALL BE AS NOTED IN THE SPECIAL INSPECTION SCHEDULE, JOB SPECIFICATIONS, AND ACCORDANCE WITH IBC SECTION 110 AND CHAPTER 17. CONTRACTOR SHALL COORDINATE AND COOPERATE WITH REQUIRED INSPECTIONS.
3. ALL TESTING AND SPECIAL INSPECTION SHALL BE PROVIDED BY A QUALIFIED INDEPENDENT SPECIAL INSPECTION AGENCY IN ACCORDANCE WITH IBC 1704 AND AS OUTLINED IN THE JOB SPECIFICATIONS. REPORTS OF FINDINGS OR DISCREPANCIES SHALL BE NOTED AND FORWARDED TO THE CONTRACTOR, ARCHITECT, ENGINEERS, AND BUILDING OFFICIAL IN A TIMELY MANNER.
4. STRUCTURAL OBSERVATION VISITS SHALL BE PERFORMED BY A REPRESENTATIVE FROM ARW ENGINEERS IN ACCORDANCE WITH THE CONTRACT AS NEEDED TO OBSERVE THE CONSTRUCTION OF CRITICAL BUILDING ELEMENTS (I.E. FOOTINGS, BRACED FRAMES, MOMENT FRAMES, DRAG STRUTS AND THEIR CONNECTIONS, COLLECTORS, AND ROOF AND FLOOR DIAPHRAGMS). STRUCTURAL OBSERVATION REPORTS FOR EACH VISIT SHALL BE SENT DIRECTLY TO THE ARCHITECT FOR DISTRIBUTION TO THE CONTRACTOR AND BUILDING OFFICIAL. STRUCTURAL OBSERVATION VISITS SHALL NEITHER BE CONSTRUED AS SPECIAL INSPECTION NOR APPROVAL OF COMPLETED CONSTRUCTION.
5. IN ACCORDANCE WITH IBC 1704.4, THE CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER. THE STATEMENT SHALL BE SUBMITTED PRIOR TO THE CONSTRUCTION OF ANY SEISMIC/WIND-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC/WIND SYSTEM, OR COMPONENT IDENTIFIED IN THESE DOCUMENTS WITH A CIRCLE "L".

C. BASIS OF DESIGN

1. GOVERNING BUILDING CODE : INTERNATIONAL BUILDING CODE (IBC) 2018, ASCE 41-17
   RISK CATEGORY : III
2. ROOF LOADS
   a. FLAT-ROOF SNOW LOAD, P_f : 29.5 PSF
      1. GROUND SNOW LOAD, P_g : 38 PSF
      2. SNOW EXPOSURE FACTOR, C_e : 1.0
      3. SNOW LOAD IMPORTANCE FACTOR, I_s : 1.10
      4. THERMAL FACTOR, C_t : 1.0
      5. SLOPE FACTOR, C_s : 1.0
      6. SNOW DRIFT : SHOWN ON PLANS WHERE APPLICABLE.
   b. LIVE LOAD = 20 PSF
   c. DEAD LOAD = 19 PSF
3. WIND DESIGN
   a. BASIC WIND SPEED (3 SECOND GUST) : 115 MPH
   b. ALLOWABLE STRESS DESIGN WIND SPEED, V_{ASD} : 89 MPH
   c. WIND EXPOSURE : C
   d. INTERNAL PRESSURE COEFFICIENT, G_{CPi} : ± 0.18
   e. COMPONENT AND CLADDING DESIGN WIND PRESSURE SHALL BE AS REQUIRED PER ASCE 7-16.
4. SEISMIC DESIGN :
   a. SEISMIC IMPORTANCE FACTOR, I_E : 1.25
   b. SITE CLASS : D-DEFAULT
   c. MAPPED SPECTRAL RESPONSE ACCELERATIONS (BSE-1E - 20% IN 50 YEAR): S_S = 0.237 g, S_1 = 0.084 g
   d. MAPPED SPECTRAL RESPONSE ACCELERATIONS (BSE-2E - 5% IN 50 YEAR): S_S = 0.805 g, S_1 = 0.281 g
   e. SPECTRAL RESPONSE COEFFICIENTS (BSE-1E - 20% IN 50 YEAR): S_{XS} = 0.379 g , S_{X1} = 0.201 g
   f. SPECTRAL RESPONSE COEFFICIENTS (BSE-2E - 5% IN 50 YEAR): S_{XS} = 0.966 g , S_{X1} = 0.572 g
   g. SEISMIC DESIGN CATEGORY : D
   h. ANALYSIS PROCEDURE : LINEAR STATIC PROCEDURE (LSP) PER ASCE 41-17

D. ADHESIVE/MECHANICAL ANCHORS

1. WITHOUT WRITTEN APPROVAL OF THE ENGINEER, CONTRACTOR SHALL NOT SUBSTITUTE POST-INSTALLED ANCHORS WHERE CAST-IN-PLACE ANCHORS ARE SPECIFIED IN THE DRAWINGS.
2. WHERE STRUCTURAL DETAILS SPECIFY SPECIFIC BRANDS AND/OR TYPES OF ADHESIVES OR ANCHORS, SUBSTITUTIONS OF OTHER BRANDS AND/OR TYPES IS NOT ALLOWED, WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
3. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. SUBSTITUTION REQUESTS SHALL INCLUDE AN ICC ESR OR IAPMO REPORT AND SUPPORTING CALCULATIONS INDICATING COMPLIANCE WITH DESIGN INTENT.
4. ALL ADHESIVE/MECHANICAL ANCHORS SHALL BE INSTALLED, INCLUDING HOLE DRILLING AND PREPARATION, IN ACCORDANCE WITH AN APPROVED INDEPENDENT EVALUATION REPORT (ICC-ES, IAPMO, OR APPROVED EQUAL), AS INDICATED BELOW, AND IN ACCORDANCE WITH ALL MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII).
5. ADHESIVE ANCHORS SHALL BE INSTALLED IN CONCRETE HAVING A MINIMUM AGE OF 21 DAYS AT TIME OF ANCHOR INSTALLATION. ADHESIVE ANCHORS SHALL NOT BE FULLY LOADED UNTIL CONCRETE HAS REACHED DESIGN STRENGTH.
6. UNLESS APPROVED BY THE ENGINEER OF RECORD, CONCRETE AND DRILLED ANCHOR HOLES SHALL BE DRY AND FREE OF WATER FOR 24 HOURS PRIOR TO ADHESIVE INSTALLATION. CONTACT THE ENGINEER OF RECORD FOR GUIDANCE IF THE CONTRACTOR CHOOSES TO INSTALL IN WET OR DAMP HOLES.
7. CONCRETE TEMPERATURE AT THE TIME OF INSTALLATION SHALL BE MONITORED BY THE CONTRACTOR. CONTRACTOR SHALL COMPLY WITH ALL MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) RELATIVE TO SUBSTRATE TEMPERATURE.
8. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED TO SUPPORT SUSTAINED TENSION LOADS SHALL BE PERFORMED BY PERSONNEL CERTIFIED BY AN APPLICABLE CERTIFICATION PROGRAM. CERTIFICATION SHALL INCLUDE WRITTEN AND PERFORMANCE TESTS IN ACCORDANCE WITH THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM, OR EQUIVALENT IN ACCORDANCE WITH ACI 318-11 D.9.2.2. PROOF OF CURRENT CERTIFICATION SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION. CONTINUOUS SPECIAL INSPECTION SHALL BE PROVIDED FOR THESE ANCHORS.
9. UNLESS NOTED OTHERWISE, ALL ADHESIVE ANCHORS INTO CONCRETE SHALL BE:
   a. HILTI HIT-RE 500V3 (ESR-3814), OR HILTI HIT-HY 200-A (ESR-3187).
   b. SIMPSON SET-3G (ESR-4057), OR AT-XP (ER-0263).
   c. DEWALT PURE 110+ (ESR-3298), OR AC200+ GOLD (ESR-4027-COLD WEATHER).
10. UNLESS NOTED OTHERWISE, ALL ADHESIVE ANCHORS INTO MASONRY SHALL BE:
    a. HILTI HIT-HY 270 (ESR-4143).
    b. SIMPSON SET-XP (ER-0265).
    c. DEWALT AC100+ GOLD (ESR-3200).
11. ALL MASONRY CELLS WITHIN 8" OF THE ANCHOR SHALL BE SOLID GROUTED.
12. THE TESTING LABORATORY WILL PERFORM VISUAL INSPECTION OF ANCHORS AND DOWELS AS SPECIFIED IN THE SPECIAL INSPECTION SCHEDULE AND THE APPROVED INDEPENDENT EVALUATION REPORT. TENSION TESTING CAN BE REQUIRED AT THE DIRECTION OF THE STRUCTURAL ENGINEER OF RECORD OR THE SPECIAL INSPECTOR.
13. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON THAT HOLE AND SHIFT THE ANCHOR LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM SPACE OF (2) ANCHOR HOLE DIAMETERS OR 1 INCH, WHICH EVER IS LARGER, OF SOUND CONCRETE/MASONRY BETWEEN THE ANCHOR AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. AT CONTRACTORS OPTION, LOCATE EXISTING REINFORCEMENT PRIOR TO DRILLING/CORING. IF THE ANCHOR OR DOWEL CANNOT BE SHIFTED AS NOTED ABOVE, THE ENGINEER WILL DETERMINE A NEW LOCATION.
14. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH MECHANICAL ANCHORS.

E. MASONRY

1. ALL HOLLOW MASONRY UNITS SHALL CONFORM TO ASTM C-90.
   f'm (MINIMUM, FACTORED) 2,000 PSI
   MINIMUM UNIT STRENGTH 2,000 PSI (TESTED IN ACCORDANCE WITH ASTM C-140)
   ACCEPTABLE RANGE OF UNIT WEIGHT : 105 PCF TO 125 PCF
2. ALL GROUT (SITE MIXED OR PRE-MIXED) SHALL CONFORM TO ASTM C-476 OR SECTION 2.2A OF TMS 602-16. GROUT SHALL BE PLACED WITH SUFFICIENT WATER FOR POURING WITHOUT SEGREGATION. DO NOT USE MORTAR FOR GROUT. MECHANICALLY VIBRATE ALL GROUT.
3. GROUT STOPS SHALL BE AN APPROVED PRODUCT DESIGNED AND MANUFACTURED FOR USE AS A GROUT STOP. GROUT STOP SUBMITTALS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW. OTHER GROUT STOP MATERIALS SUCH AS ASPHALT IMPREGNATED MATERIALS ARE NOT PERMITTED.
4. MORTAR SHALL BE TYPE S AND SHALL CONFORM TO ASTM C 270.
5. ALL MASONRY WORK SHALL CONFORM TO CHAPTER 21 OF THE IBC.
6. ALL BLOCK CELLS CONTAINING REINFORCING, BOLTS, OR ANCHORS SHALL BE GROUTED SOLID.
7. PROVIDE (1) #5 (MINIMUM), IN GROUTED SPACE, ON ALL SIDES AND ADJACENT TO EVERY OPENING WHICH EXCEEDS 24" IN EITHER DIRECTION. HORIZONTAL BARS SHALL EXTEND 24" BEYOND THE CORNERS OF THE OPENING AND VERTICAL BARS SHALL EXTEND TO TOP OF WALL. VERTICAL REINFORCING SHALL BE PROVIDED AT ENDS, CORNERS AND EACH SIDE OF CONTROL JOINTS. SEE TYPICAL DETAILS FOR OPENINGS WHICH EXCEED 32" IN EITHER DIRECTION.
8. SOLID GROUTING OF MASONRY IS UNACCEPTABLE EXCEPT AS SPECIFICALLY NOTED ON PLANS AND SCHEDULES.
9. WHERE WALLS ARE NOT GROUTED SOLID, EACH GROUT POUR SHALL TERMINATE FLUSH WITH THE TOP OF THE UPPERMOST UNIT EXCEPT AT CELLS WITH VERTICAL REINFORCING WHERE GROUT SHALL BE 1-1/2" BELOW TOP OF UNIT TO PROVIDE CONSTRUCTION KEY. WHERE WALLS ARE GROUTED SOLID, EACH GROUT POUR SHALL TERMINATE 1-1/2" BELOW TOP OF UNIT.
10. GROUT POURS SHALL NOT EXCEED 5'-0" UNLESS HIGH LIFT GROUTING PROCEDURES ARE FOLLOWED.
11. ALL MASONRY BEAMS SHALL BE BUILT INTEGRAL WITH SUPPORT. NO TOOTHING OR DOWELING PERMITTED. UNITS WITH ONE END OPEN SHALL BE USED FOR ALL MASONRY BEAMS.
12. SUPPORT NON-BEARING, NON-STRUCTURAL WALLS AT TOP OF MASONRY AS PER TYPICAL DETAILS AT LOCATIONS WHERE INTERSECTING OR PERPENDICULAR WALLS ARE 12'-0" OR MORE APART OR WHERE END OF WALL OCCURS 6'-0" OR MORE FROM INTERSECTING WALL.
13. ALL VERTICAL REINFORCING SHALL BE SECURED IN PLACE PRIOR TO GROUTING USING WIRE POSITIONERS OR OTHER ACCEPTABLE DEVICES. REINFORCING SHALL BE SECURED AT BAR-SPLICE LOCATIONS AND AT A SPACING NOT MORE THAN 120 BAR DIAMETERS.
14. UNLESS NOTED OTHERWISE, MASONRY WALLS SHALL BE CONSTRUCTED UTILIZING COMMON RUNNING-BOND WITH FULLY MORTARED BED JOINTS AROUND GROUTED CELLS.
15. ELECTRICAL CONDUIT SHALL NOT BE PLACED IN CELLS THAT CONTAIN REBAR. CONDUIT IS ALLOWED TO PASS THROUGH REINFORCED CELLS WHEN IT OCCURS PERPENDICULAR TO THE REBAR. CONDUIT SHALL NOT CONTACT REBAR AS IT PASSES. THERE SHALL BE 1" CLEAR BETWEEN CONDUIT AND REBAR.

F. TIMBER

1. WOOD GRADES (UNLESS NOTED OTHERWISE)
   a. ALL FRAMING LUMBER SHALL BE DOUGLAS FIR/LARCH CLEARLY MARKED WITH A STAMP BY WWPA APPROVED AGENCY AND SHALL BE GRADED AS FOLLOWS:
      1. HORIZONTAL MEMBERS: JOISTS & RAFTERS: NO. 2, BEAMS & STRINGERS: NO. 2.
      2. VERTICAL MEMBERS: POST & TRIMMERS: NO. 2, STUDS: NO. 2.
   b. ALL FRAMING IN CONTACT WITH FOOTINGS, FOUNDATIONS OR SLABS ON GRADE SHALL BE PRESSURE TREATED OR TIMBERSTRAND LSL TREATED LUMBER WITH EQUIVALENT STRESS GRADES TO TYPICAL FRAMING MEMBERS.
   c. GLU-LAMINATED BEAMS SHALL BE DOUGLAS-FIR INDUSTRIAL APPEARANCE GRADE WITH A COMBINATION NUMBER 24F-V4 EXCEPT CANTILEVERED AND CONTINUOUS BEAMS SHALL BE COMBINATION NUMBER 24F-V8.
   d. UNLESS NOTED OTHERWISE, ALL ENGINEERED LUMBER SHALL BE FURNISHED BY TRUS-JOIST CORPORATION OR APPROVED EQUAL AND SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES :

	MODULUS OF ELASTICITY	FLEXURAL STRESS RATING
LVL :	2,000,000 PSI	2,600 PSI
PSL :	2,000,000 PSI	2,900 PSI
LSL :	1,500,000 PSI	2,250 PSI

   e. ALL WOOD "I" JOISTS AND BRIDGING SHALL BE FURNISHED BY TRUS-JOIST CORPORATION OR APPROVED EQUAL.
2. SHEATHING SHALL BE APA RATED SHEATHING, EXPOSURE I, EXTERIOR GLUE AND PANEL INDEX RATING AS NOTED BELOW UNLESS NOTED OTHERWISE :

LOCATION	THICKNESS	PANEL INDEX
WALLS :	15/32"	24/0
FLOORS :	23/32"	48/24
ROOFS :	19/32"	32/16

3. INDIVIDUAL PIECES OF SHEATHING AT ROOF, FLOOR, AND SHEAR WALLS SHALL NOT BE SMALLER THAN 24" IN EITHER DIRECTION AND SHALL SPAN A MINIMUM OF TWO FRAMING SPACES, UNO.
4. ALL 23/32" FLOOR SHEATHING SHALL BE TONGUE AND GROOVE UNLESS NOTED OTHERWISE.
5. CONNECTIONS, FASTENERS, AND ADHESIVE
   a. ALL BOLTS THRU WOOD SHALL BE ASTM A307 AND SHALL HAVE HARDENED WASHERS UNDER ASTM A563 HEAVY HEX NUT AND BOLT HEADS.
   b. UNLESS NOTED OTHERWISE, 10d COMMON (0.148) NAILS SHALL BE USED TO FASTEN ALL PLYWOOD FLOOR AND ROOF SHEATHING TO SUPPORTING TRUSSES, JOISTS, LEDGERS OR BLOCKING AS FOLLOWS:
      1. BOUNDARY NAILING "BN": 4"O.C. AT ALL BEARING WALLS, SHEAR WALLS, BLOCKING, AND WHERE OTHERWISE INDICATED IN THE STRUCTURAL DRAWINGS.
      2. PANEL EDGE NAILING "EN": 6"O.C. AT ALL OTHER PLYWOOD PANEL EDGES.
      3. PANEL FIELD NAILING "FN": 12"O.C. AT INTERIOR SUPPORTS IN FIELD OF PANEL.
   c. 8d COMMON (0.131) NAILS SHALL BE USED TO FASTEN ALL PLYWOOD SHEAR WALL SHEATHING TO STUDS AND BLOCKING AS FOLLOWS:
      1. PANEL EDGE NAILING "EN": 6"O.C.
      2. PANEL FIELD NAILING "FN": 12"O.C. AT INTERIOR SUPPORTS IN FIELD OF PANEL.
   d. NAILS SHALL BE GALVANIZED OR STAINLESS STEEL AT EXPOSED LOCATIONS OR IN TREATED WOOD (SEE NOTE BELOW FOR FASTENERS CONNECTED TO OR IN CONTACT WITH TREATED WOOD). THE HEAD OF ALL NAILS SHALL BE DRIVEN FLUSH WITH THE SURFACE OF THE SHEATHING.
   e. UNLESS NOTED OTHERWISE, ALL NAILS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES :

COMMON NAIL SIZE	SHANK DIAMETER	HEAD DIAMETER	LENGTH	MIN. PENETRATION INTO SUPPORT MEMBER
6d	0.113"	0.266"	2"	1.25"
8d	0.131"	0.281"	2-1/2"	1.375"
10d	0.148"	0.312"	3"	1.50"
12d	0.148"	0.312"	3-1/4"	1.50"
16d	0.162"	0.344"	3-1/2"	1.62"

   f. A CONTINUOUS BEAD OF PERMANENT BOND TIMBER/WOOD ADHESIVE COMPOUND SHALL BE USED TO FASTEN ALL PLYWOOD FLOOR SHEATHING TO FLOOR JOISTS IN ACCORDANCE WITH MANUFACTURERS' SPECIFICATIONS.
   g. ALL FRAMING ANCHORS, POST CAPS, HOLD DOWNS, COLUMN BASES ETC. TO BE PROVIDED BY SIMPSON OR APPROVED EQUAL AND SHALL BE ATTACHED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED DATA, UNLESS NOTED OTHERWISE.
   h. UNLESS NOTED OTHERWISE, ALL WALL BOTTOM PLATES TO BE ANCHORED TO FOUNDATIONS OR FOOTINGS WITH 3/4" DIAMETER ANCHOR BOLTS AT 32"O.C. WITH 8" MINIMUM EMBEDMENT. THERE SHALL BE A MINIMUM OF (2) ANCHOR BOLTS PER PLATE WITH ONE BOLT LOCATED NOT MORE THAN 12" AND NOT LESS THAN 4" FROM EACH END OF EACH PIECE.
   i. WALL BOTTOM PLATES AT SHEAR WALLS SHALL INCLUDE 1/4" x 3" x 3" STEEL PLATE WASHERS BETWEEN THE SILL PLATE AND NUT OF THE ANCHOR BOLT. THE HOLE IN THE PLATE WASHER IS PERMITTED TO BE DIAGONALLY SLOTTED WITH A WIDTH UP TO 3/16" LARGER THAN THE BOLT DIAMETER AND SLOT LENGTH NOT TO EXCEED 1-3/4", PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT. THE PLATE WASHER SHALL EXTEND TO WITHIN ½" OF THE EDGE OF THE BOTTOM PLATE ON THE SHEATHED SIDE.
   j. FASTENERS CONNECTED TO OR IN CONTACT WITH PRESERVATIVE-TREATED AND/OR FIRE-RETARDANT-TREATED WOOD (EXCEPT FOR TIMBERSTRAND LSL TREATED LUMBER AND BORATE BASED TREATMENTS) SHALL BE OF G-185 HOT-DIP GALVANIZED STEEL OR 304 OR 316 STAINLESS STEEL. STAINLESS STEEL AND GALVANIZED STEEL SHALL NEVER BE USED IN CONTACT WITH EACH OTHER.
   k. EXCEPT WHERE NOTED OTHERWISE, THE NUMBER AND SIZE OF NAILS CONNECTING WOOD MEMBERS SHALL NOT BE LESS THAN THAT SET FORTH IN IBC TABLE 2304.10.1. CONNECTIONS FOR MULTIPLE PIECES OF ENGINEERED LUMBER PIECES SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
6. UNLESS NOTED OTHERWISE, ALL ROOF SHEATHING AND WALL SHEATHING AT SHEAR WALLS SHALL HAVE SOLID BLOCKING AT ALL PANEL EDGES.
7. PROVIDE DOUBLE JOIST UNDER PARALLEL NONBEARING WALLS AND SOLID BLOCKING UNDER PERPENDICULAR NONBEARING WALLS.
8. PROVIDE SOLID 2" (NOMINAL) FULL DEPTH BLOCKING AT ENDS AND SUPPORT LOCATIONS FOR ALL JOISTS AND RAFTERS. BLOCKING SHALL BE ATTACHED TO SUPPORT FRAMING WITH A MINIMUM OF (1) SIMPSON A35 FRAMING ANCHOR BETWEEN JOISTS UNLESS NOTED OTHERWISE.
9. UNLESS NOTED OTHERWISE, ALL HORIZONTAL FRAMING MEMBERS SHALL BE INSTALLED WITH THE NATURAL CROWN UP.

G. EXISTING BUILDING NOTES

1. ARW ENGINEERS EXPRESSLY DISCLAIMS RESPONSIBILITY FOR ANY PORTION OF THE EXISTING BUILDING NOT SPECIFICALLY ADDRESSED IN THESE DRAWINGS.
2. DRAWINGS AND DETAILS HAVE BEEN PREPARED TO REFLECT THE EXISTING CONDITIONS AND CONFIGURATIONS OF STRUCTURAL ELEMENTS. HOWEVER, THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AND ALERTING THE ENGINEER OF ANY DISCREPANCIES FOUND PRIOR TO FABRICATING OR INSTALLING STRUCTURAL ELEMENTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR MAKING SURE THAT THE BUILDING AND ELEMENTS WITHIN THE BUILDING REMAIN STABLE UNTIL CONSTRUCTION IS COMPLETE. AT NO ADDITIONAL COST TO THE OWNER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SHORING OR OTHER TEMPORARY SUPPORT OF STRUCTURAL MEMBERS UNTIL THE FINAL CONFIGURATION HAS BEEN COMPLETED.

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Structural Sheet Index

SHEET NUMBER	SHEET NAME
S001	STRUCTURAL NOTES
S002	SCHEDULES
S102	ROOF FRAMING PLAN
S201	DETAILS
S202	DETAILS

ID	REVISION NAME	DATE

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PROFESSIONAL STRUCTURAL ENGINEER
Todd A. Bischoff
No. 5337957
1/21/2022
STATE OF UTAH

STRUCTURAL NOTES

Issue Date 01.07.22
ARW Project Number: 21704.A
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD SEISMIC
REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

S001

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SPECIAL INSPECTION SCHEDULE [1, 2] (L)

ESTABLISHED PER 2018 IBC SECTION 110 AND CHAPTER 17

ITEM	CONTINUOUS[3]	PERIODIC[3]	REFERENCE	COMMENTS
WOOD (IBC 1705.5 & 1705.11.1 & 1705.12.2)				W 1. WOOD STRUCTURAL PANEL SHEATHING SHALL BE INSPECTED TO ASCERTAIN THAT GRADE AND THICKNESS ARE IN COMPLIANCE WITH APPROVED BUILDING PLANS. NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, THE NAIL OR STAPLE DIAMETER AND LENGTH, THE NUMBER OF FASTENER LINES, AND SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS SHALL ALSO BE INSPECTED AND VERIFIED FOR COMPLIANCE WITH APPROVED BUILDING PLANS.
SHEAR WALL & DIAPHRAGM NAILING		●	REFERENCE NOTE W2	W 2. SPECIAL INSPECTION IS NOT REQUIRED FOR WOOD SHEAR WALLS, WOOD DIAPHRAGMS, INCLUDING NAILING, & BOLTING, AND OTHER FASTENING TO OTHER COMPONENTS WHERE THE SPACING OF THE SHEATHING FASTENERS IS GREATER THAN 4"o.c.
DRAG STRUTS		●		W 3. SPECIAL INSPECTION SHALL BE PERFORMED TO VERIFY THAT THE INSTALLATION OF TEMPORARY AND PERMANENT RESTRAINT/BRACING IS INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE.
HOLDOWNS		●		

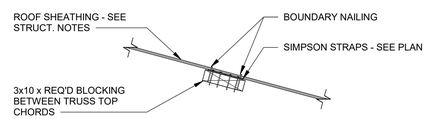
GENERAL SPECIAL INSPECTION NOTES :

1. THE ITEMS MARKED WITH A "●" IN THE SPECIAL INSPECTION SCHEDULE SHALL BE INSPECTED IN ACCORDANCE WITH IBC CHAPTER 17 BY A CERTIFIED SPECIAL INSPECTOR FROM AN ESTABLISHED TESTING AGENCY. FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO THE MATERIAL SAMPLING AND TESTING SECTION, THE PROJECT SPECIFICATIONS, AND THE SPECIFIC GENERAL NOTES SECTIONS. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE ARCHITECT, ENGINEER, CONTRACTOR, AND BUILDING OFFICIAL. ANY ITEMS WHICH FAIL TO COMPLY WITH THE APPROVED CONSTRUCTION DOCUMENTS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT CORRECTED, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL, ARCHITECT, AND ENGINEER PRIOR TO COMPLETION OF THAT PHASE OF WORK. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS.
2. ANY CONSTRUCTION OR MATERIAL THAT HAS FAILED INSPECTION SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT.
3. CONTINUOUS SPECIAL INSPECTION MEANS THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED. PERIODIC SPECIAL INSPECTION MEANS THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK. (IBC SECTION 202)

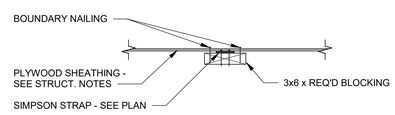
COIL STRAP LAP SPLICE SCHEDULE (L)

ITEM #	LAP SPLICE: MIN. # FASTENER PER SPLICE	LAP SPLICE: MIN. LAP SPLICE LENGTH: STACKED	LAP SPLICE: MIN. LAP SPLICE LENGTH: SIDE-BY-SIDE	COMMENTS
CMST 12	25-16d	22"	33"	
	30-10d	27"	39"	
CMST 14	18-16d	16"	26"	
	21-10d	19"	30"	
CMSTC 16	13-16d	11"	20"	
	15-10d	12"	20"	
CS 14	26-10d	--	15"	
	30-8d	--	16"	
CS 16	20-10d	--	11"	
	22-8d	--	13"	
CS 18	16-10d	--	9"	
	18-8d	--	11"	
CS 20	12-10d	--	6"	
	14-8d	--	9"	
CS 22	10-10d	--	7"	
	12-8d	--	6"	

NOTES:
1. NO STRAP MODIFICATION IS ALLOWED.
2. SPLICE MUST MEET BOTH THE MINIMUM NUMBER OF FASTENERS AND THE MINIMUM SPLICE LENGTH.
3. ALL NAIL SIZES LISTED ARE COMMON NAILS.
4. 10d COMMON MAY BE REPLACED BY 16d SINKERS. NO OTHER NAIL SUBSTITUTION IS ALLOWED FOR LAP SPLICES.
5. IF WOOD SPLITTING OCCURS, USE EVERY OTHER NAIL HOLE AND LENGTHEN SPLICE TO ACCOMMODATE THE REQUIRED NUMBER OF NAILS.
6. ALL STRAPS TO BE INSTALLED UNDER SHEATHING.
7. TWO OPTIONS EXIST FOR COIL STRAP LAPPING.
   a. LAP ONE STRAP STACKED ON TOP OF THE OTHER STRAP.
   b. INSTALL STRAPS SIDE BY SIDE - TO DO THIS A LARGER BLOCK MUST BE USED. THE BLOCK MUST BE ON SOLID PIECE.
8. STRAP TO BE INSTALLED TIGHT.



SIDE-BY-SIDE LAP



STACKED LAP

TABLE OF EQUIVALENT FASTENERS

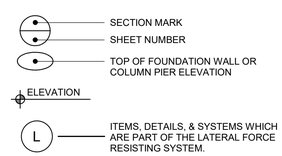
STAPLES, NAILS AND T-NAILS (VALID FOR LATERAL LOADS ONLY)

COMMON NAIL SPACING		EQUIVALENT SPACING OF APPROVED FASTENERS: STAPLES			NAILS & T-NAILS	
	GAUGE	16	15	14	.113	.131
	PENETRATION	1"	1"	1"	1 1/4"	1 1/2"
6d AT:	4"	3 1/2"	4"	5"	4"	5"
	6"	5"	6"	7"	6"	7 1/2"
	8"	6 1/2"	8"	9 1/2"	8"	10"
	10"	8 1/2"	10"	12"	10"	12"
	12"	10"	12"	14 1/2"	12"	14 1/2"
8d AT:	4"	2 1/2"	3 1/2"	4"	3 1/2"	4"
	6"	4"	5"	6"	5"	6"
	8"	5 1/2"	6 1/2"	8"	6 1/2"	8"
	10"	6 1/2"	8"	10"	8"	10"
	12"	8"	10"	12"	9 1/2"	12"
10d AT:	4"	2"	2 1/2"	3"	2 1/2"	3 1/2"
	6"	3 1/2"	4"	5"	4"	5"
	8"	4 1/2"	5 1/2"	6 1/2"	5 1/2"	7"
	10"	5 1/2"	7"	8"	6 1/2"	8 1/2"
	12"	6 1/2"	8"	9 1/2"	8"	10"

NOTES:
PENETRATION IS THE DEPTH OF EMBEDMENT OF THE STAPLE OR NAIL INTO THE MAIN MEMBER REQUIRED TO ATTAIN ITS FULL CAPACITY (SHEAR VALUE) FOR LATERAL LOADING.

LEGEND OF SYMBOLS AND ABBREVIATIONS

AB = ANCHOR BOLT
ABV = ABOVE
ARCH = ARCHITECT
BLW = BELOW
BN = BOUNDARY NAILING
BS = BOUNDARY SCREW
CL = CENTERLINE
CMU = CONCRETE MASONRY UNIT
COL = COLUMN
CONC = CONCRETE
DIA / Ø = DIAMETER
ELEV = ELEVATION
EN = EDGE NAILING
FDN = FOUNDATION
FTG = FOOTING
FFE = FINISHED FLOOR ELEVATION
KB = KICKER BRACE
MAX = MAXIMUM
MECH = MECHANICAL
MIN = MINIMUM
MW = MASONRY WALL
NS, FS = NEAR SIDE, FAR SIDE
OAE = OR APPROVED EQUAL
OPP = OPPOSITE
PL = PLATE
REQ'D = REQUIRED
SIM = SIMILAR
TOB = TOP OF BEAM ELEVATION
TOC = TOP OF CONCRETE SLAB
TOF = TOP OF FOOTING
TOG = TOP OF GIRDER ELEVATION
TOM = TOP OF MASONRY
TOS = TOP OF STEEL ELEVATION
TYP = TYPICAL
UNO = UNLESS NOTED OTHERWISE



SCHEDULES

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No. 5337957
1/21/2022
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Issue Date 01.07.22
ARW Project Number: 21704.A
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD SEISMIC
REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

S002

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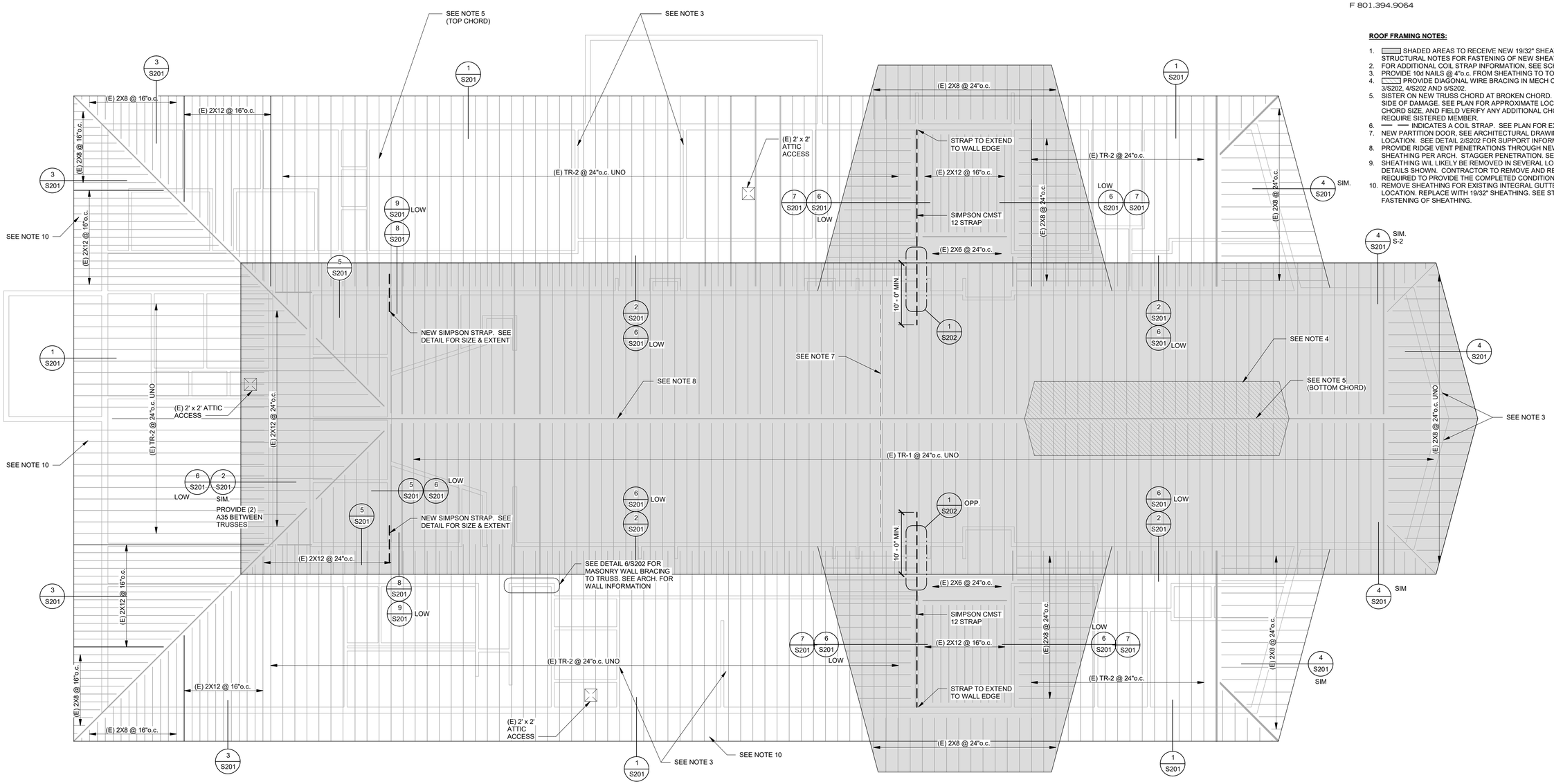

ROOF FRAMING NOTES:

1. SHADED AREAS TO RECEIVE NEW 19/32" SHEATHING OVERLAY. SEE STRUCTURAL NOTES FOR FASTENING OF NEW SHEATHING.
2. FOR ADDITIONAL COIL STRAP INFORMATION, SEE SCHEDULE ON SHEET S002.
3. PROVIDE 10d NAILS @ 4"o.c. FROM SHEATHING TO TOP PLATE OF SHEAR WALL.
4. PROVIDE DIAGONAL WIRE BRACING IN MECH CLOUD PER DETAILS 3/S202, 4/S202 AND 5/S202.
5. SISTER ON NEW TRUSS CHORD AT BROKEN CHORD. SPLICE 6'-0" MIN. EACH SIDE OF DAMAGE. SEE PLAN FOR APPROXIMATE LOCATIONS. MATCH EXISTING CHORD SIZE, AND FIELD VERIFY ANY ADDITIONAL CHORD MEMBERS THAT REQUIRE SISTERED MEMBER.
6. — — INDICATES A COIL STRAP. SEE PLAN FOR EXTENT AND SIZE.
7. NEW PARTITION DOOR, SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION. SEE DETAIL 2/S202 FOR SUPPORT INFORMATION.
8. PROVIDE RIDGE VENT PENETRATIONS THROUGH NEW AND EXISTING SHEATHING PER ARCH. STAGGER PENETRATION. SEE DETAIL 7/S202.
9. SHEATHING WIL LIKELY BE REMOVED IN SEVERAL LOCATIONS TO PROVIDE THE DETAILS SHOWN. CONTRACTOR TO REMOVE AND REPLACE SHEATHING AS REQUIRED TO PROVIDE THE COMPLETED CONDITION.
10. REMOVE SHEATHING FOR EXISTING INTEGRAL GUTTERS. SEE ARCH. FOR LOCATION. REPLACE WITH 19/32" SHEATHING. SEE STRUCTURAL NOTES FOR FASTENING OF SHEATHING.

ROOF FRAMING PLAN

SCALE : 1/8" = 1'-0"

A / S102

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ROOF FRAMING PLAN

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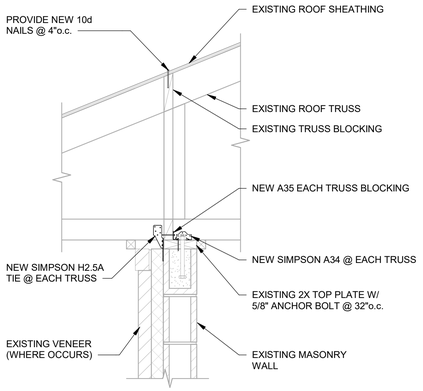

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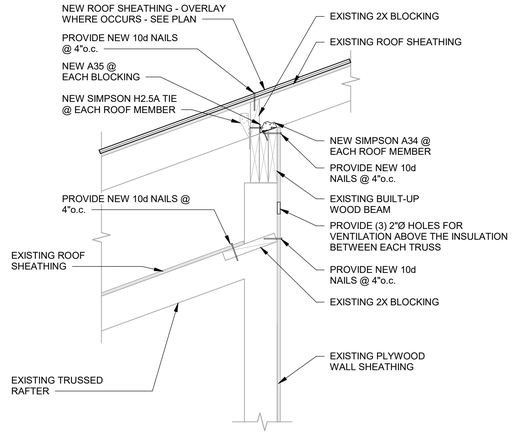
SCALE : NONE



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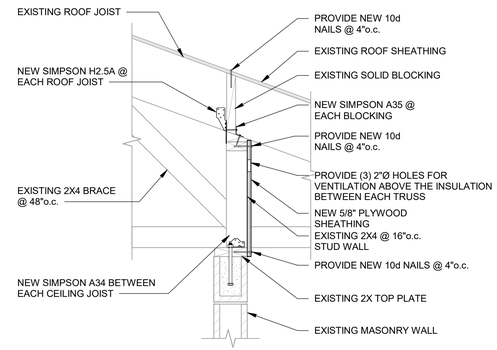

DETAIL 3 S201 L
SCALE : NONE

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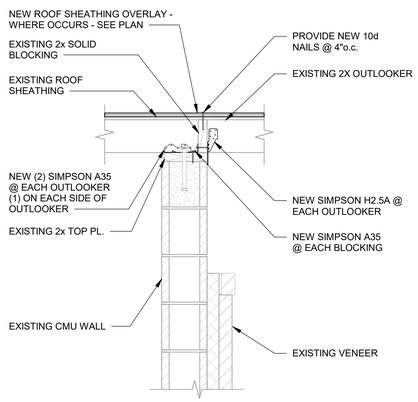

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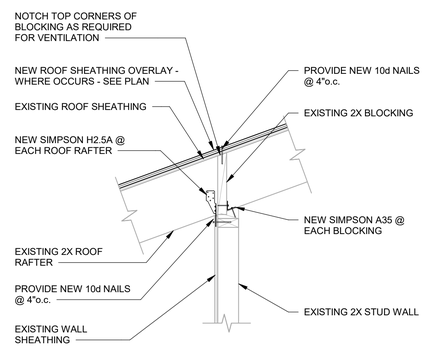
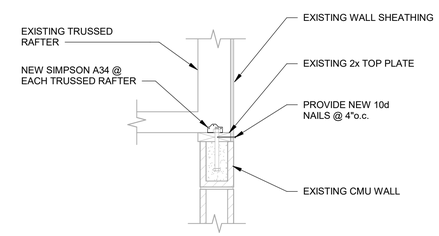


DETAIL 5 S201 L
SCALE : NONE



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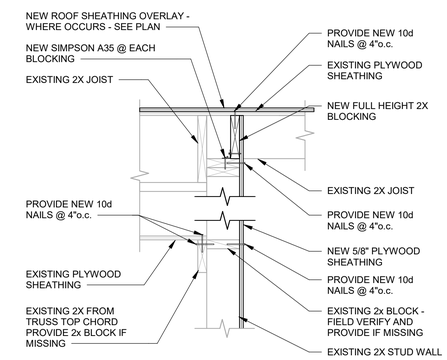

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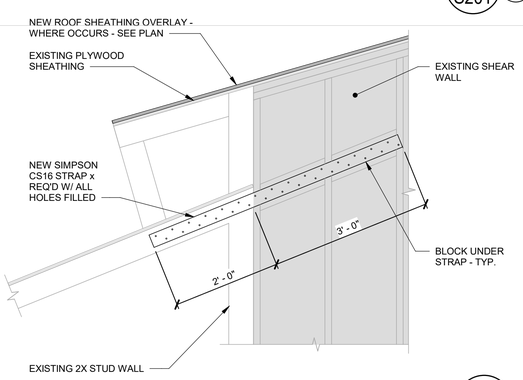
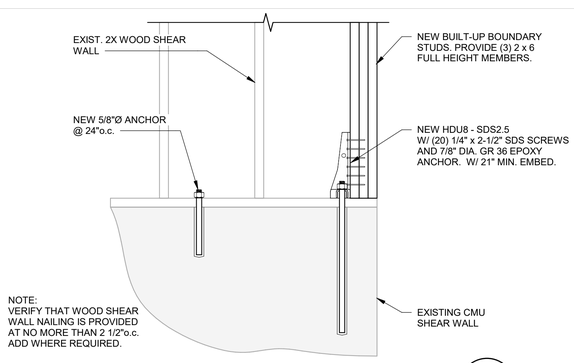


DETAIL 8 S201 L
SCALE : NONE



NOTE:
VERIFY THAT WOOD SHEAR WALL NAILING IS PROVIDED AT NO MORE THAN 2 1/2"o.c. ADD WHERE REQUIRED.

DETAIL 9 S201 L
SCALE : NONE

ID	REVISION NAME	DATE

ARW ENGINEERS
structural consultants
1594 W. Park Cir. Ogden, Utah 84404
ph. 801.782.6008 fx. 801.782.4656

PROFESSIONAL STRUCTURAL ENGINEER
Todd A. Bischoff
No. 5337957
1/21/2022
STATE OF UTAH

DETAILS

Issue Date 01.07.22
ARW Project Number: 21704.A
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD SEISMIC
REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

S201

1/21/2022 3:50:19 PM
X:\DRAWINGS 2021\21704.A - Oakhills Summerwood ReRoof\21704.A - Oakhills Summerwood ReRoof-S21.rvt

BOTT PANTONE ARCHITECTS
620 24TH STREET
OGDEN, UT 84401
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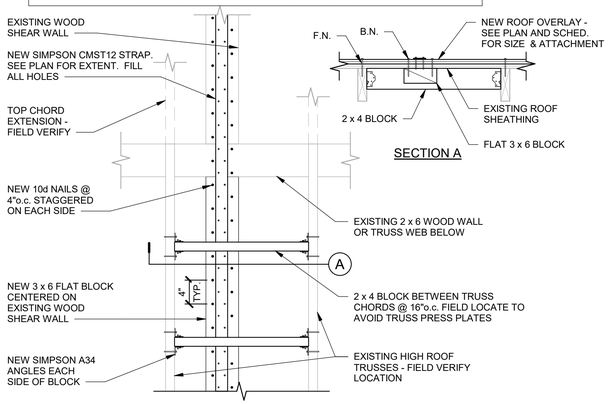
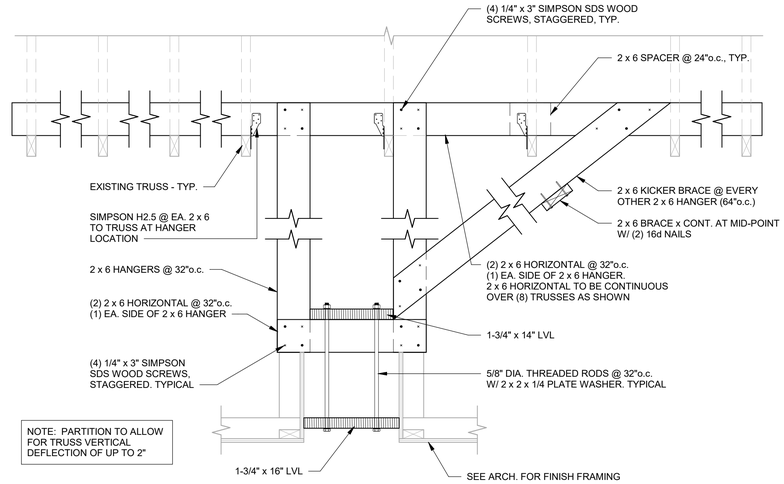
F 801.394.9064

NOTE:
CONTRACTOR TO FIELD VERIFY WALL LOCATION WITH RESPECT TO WOOD ROOF TRUSSES. IF THE TRUSS TOP CHORD ALIGNS WITH THE SHEAR WALL, THE BLOCKING AND HARDWARE SHOWN IN THIS DETAIL MY NOT BE REQ'D. IF THE ACTUAL CONDITIONS VARY FROM WHAT IS SHOWN, CONTACT THE EOR FOR APPROVAL PRIOR TO ANY MODIFICATIONS.



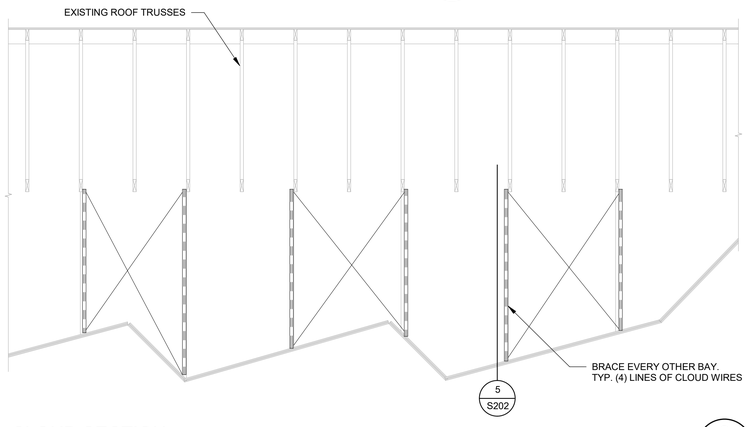
PLAN VIEW

DETAIL 1/S202 (L)
SCALE : NONE

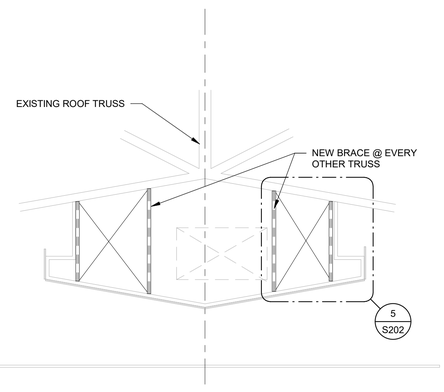


NOTE: PARTITION TO ALLOW FOR TRUSS VERTICAL DEFLECTION OF UP TO 2"

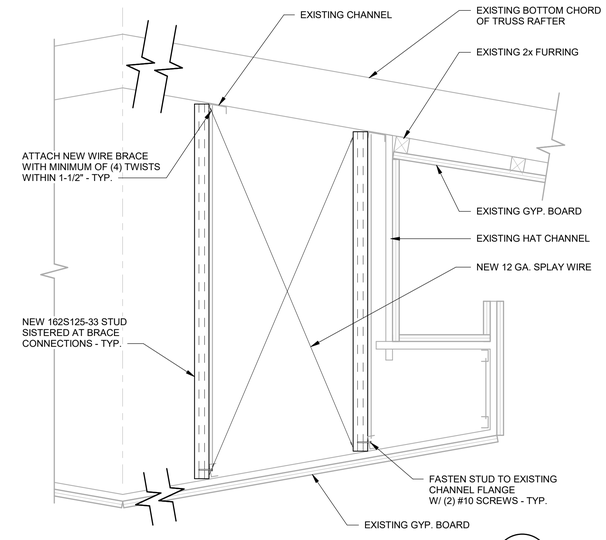
DETAIL 2/S202 (L)
SCALE : NONE



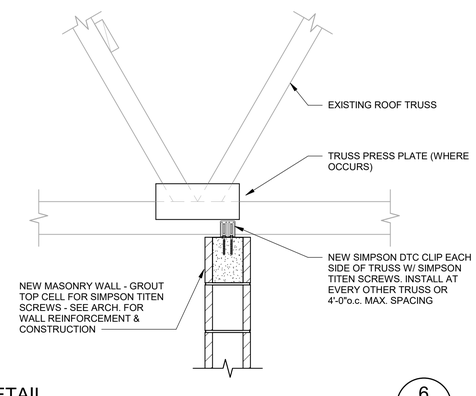
CLOUD SECTION 3/S202 (L)
SCALE : NONE



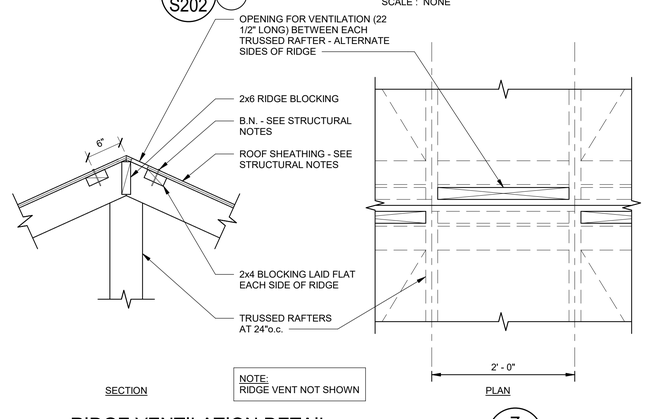
CLOUD SECTION 4/S202 (L)
SCALE : NONE



LIGHT COVE DETAIL 5/S202 (L)
SCALE : NONE



DETAIL 6/S202
SCALE : NONE



SECTION

NOTE:
RIDGE VENT NOT SHOWN

PLAN

RIDGE VENTILATION DETAIL 7/S202
SCALE : NONE

ID	REVISION NAME	DATE

ARW ENGINEERS
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ph. 801.782.6008 fx. 801.782.4656

PROFESSIONAL STRUCTURAL ENGINEER
Todd A. Bischoff
No. 5337957
1/21/2022
STATE OF UTAH

DETAILS

Issue Date 01.07.22
ARW Project Number: 21704.A
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OAKHILLS, SUMMERWOOD SEISMIC
REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

S202

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333 24TH STREET
OGDEN, UT 84401
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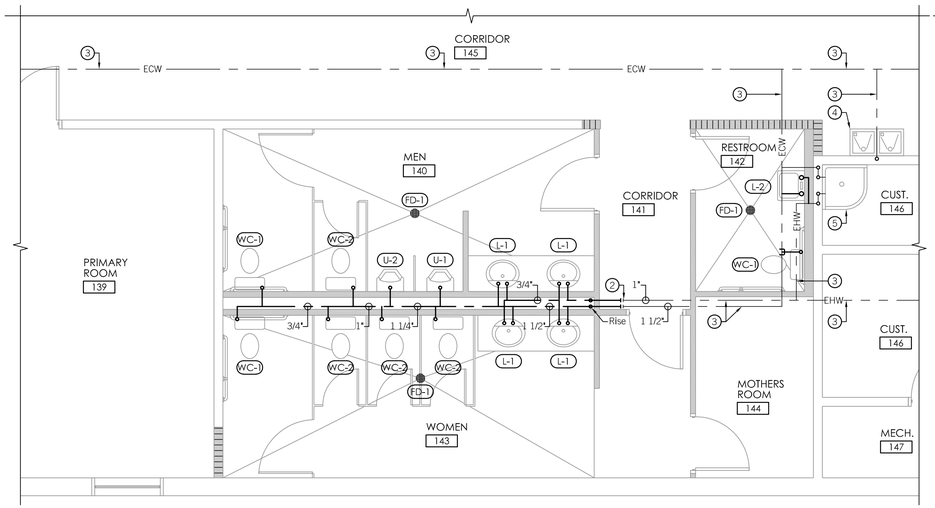
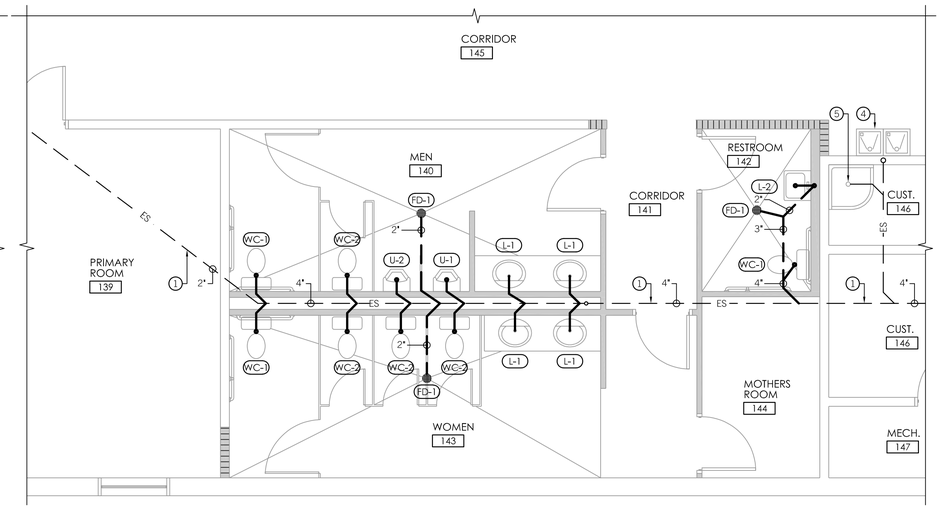


WATER SUPPLY PLAN

A

Scale: 1/4" = 1'-0"



WASTE AND VENT PLAN

B

Scale: 1/4" = 1'-0"

GENERAL NOTES:

A. See architectural sheets for description of plumbing related demolition work.
B. Field verify all dimensions and conditions.
C. See 1/P101 for clean out required at new lavatories and urinals.
D. Locations shown for existing waste and water lines come from as-built drawings of original building. Contractor shall field verify.
E. Remove existing waste and water piping from existing removed fixtures and cap at main.
F. Vent new fixtures to meet specification and code requirements. Connect new vent lines to existing vents through roof within attic where possible.
G. Coordinate with General Contractor for sawcutting and removal of existing concrete floor slab as required to access existing underslab piping.

KEYED NOTES:

1. Existing underslab waste line.
2. Approximate point of connection to existing hot and cold water lines below floor slab.
3. Existing underslab water pipe.
4. Existing electric water cooler.
5. Existing service sink.

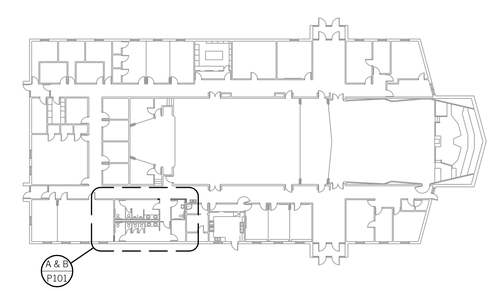
PLUMBING LEGEND:

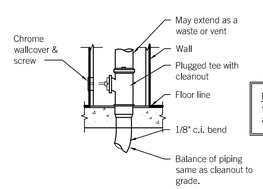
- Cold water line
- Hot water line
- Waste line
- ES : Existing waste line
- ECW : Existing cold water line
- EHW : Existing hot water line

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	PIPE SIZE					REMARKS
		TRAP	WASTE	VENT	C.W.	H.W.	
WC-1	Water closet	int.	4"	2"	1/2"	--	Tank type (ADA compliant)
WC-2	Water closet	int.	4"	2"	1/2"	--	Tank type
L-1	Lavatory - countertop	1 1/2"	1 1/2"	1 1/4"	1/2"	1/2"	ADA compliant with mixing valve
L-2	Lavatory - wall hung	1 1/2"	1 1/2"	1 1/4"	1/2"	1/2"	ADA compliant with mixing valve
U-1	Urinal	int.	2"	2"	3/4"	--	ADA compliant
U-2	Urinal	int.	2"	2"	3/4"	--	
FD-1	Floor drain	2"	2"	1 1/2"	--	--	With trap guard assembly - see 2/P101

KEY PLAN



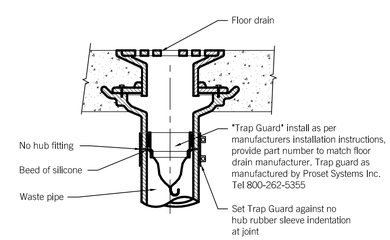


Note: Install wco in all vertical waste risers to lavatories, urinals and sinks.

CLEANOUT DETAIL

1

Scale: none



TRAP GUARD TRAP SEAL DETAIL

2

Scale: 3" = 1'-0"

PLUMBING PLAN

NORTH

NO.	DATE	DESCRIPTION

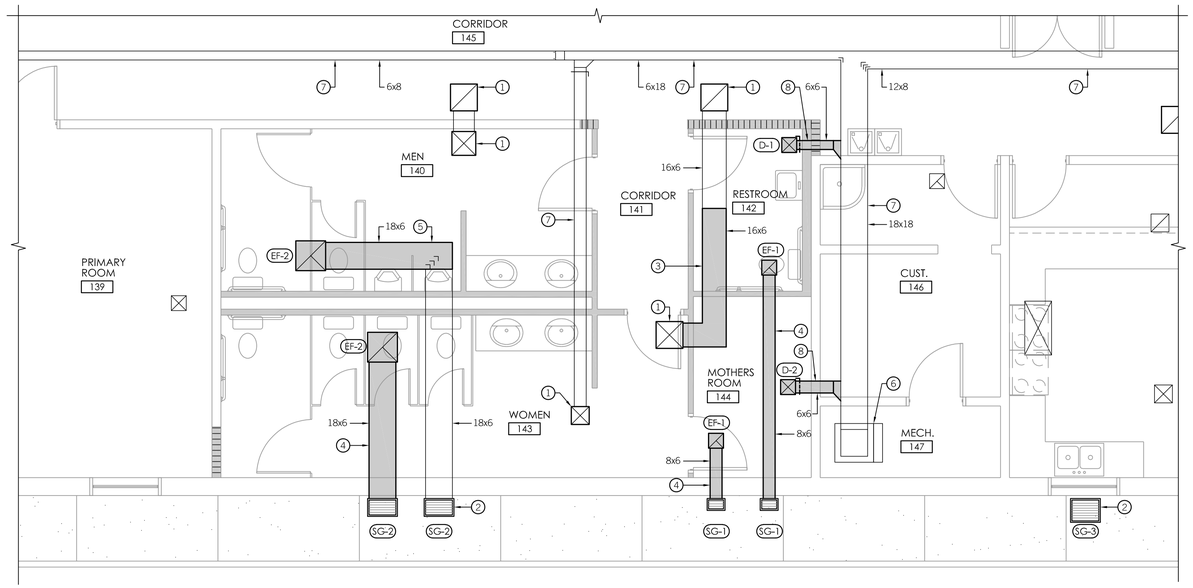
STATE OF UTAH
C. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

P101

BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
BP:ARCHITECTS.NET
P 801.394.3033



MECHANICAL PLAN
A
Scale: 1/4" = 1'-0"

GENERAL NOTES:

A. See sheets D121 and A121 for removal and replacement of furnace air piping. See also detail 2/M101.

MECHANICAL PLAN KEYED NOTES:

1. Clean and reinstall existing diffuser/grille on new ceiling finish.
2. Remove existing soffit grille to facilitate new soffit work. Provide new pre-finished soffit grille on finished soffit. Field verify grille size.
3. Extend existing transfer air duct as shown (field verify size).
4. Provide exhaust fan, duct and soffit grille as shown. Carefully cut opening in plaster soffit for duct, see 1/M101.
5. Extend existing exhaust fan duct as shown (field verify size). Provide exhaust fan as indicated, see 1/M101.
6. Existing furnace to remain.
7. Existing supply air duct to remain.
8. Make connection to existing supply air duct as shown. Provide duct, volume damper and diffuser as indicated.

DIFFUSER AND GRILLE SCHEDULE ①

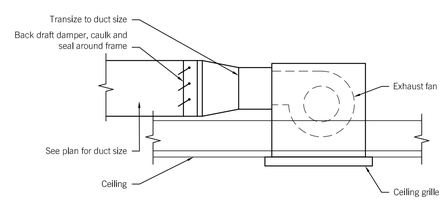
MARK	TYPE	SERVICE	NOMINAL SIZE (FIELD VERIFY)	REMARKS
SG-1	Soffit Grille	E.A.	10" x 12"	Color to match soffit.
SG-2	Soffit Grille	E.A.	12"x20"	Color to match soffit.
SG-3	Soffit Grille	E.A.	16"x20"	Color to match soffit.
D-1	Ceiling Diffuser	S.A.	6"x6" neck	50-100 CFM. 2-way blow.
D-2	Ceiling Diffuser	S.A.	6"x6" neck	50-100 CFM. 3-way blow.

① See specifications for manufacturers and models.

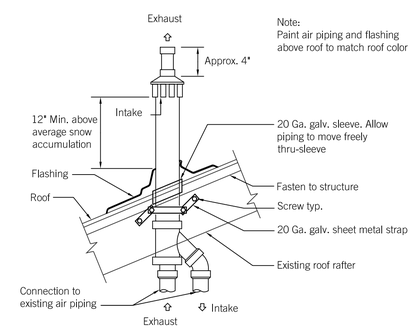
EXHAUST FAN SCHEDULE

MARK	SERVES ROOM	MIN. S.C.F.M.	STATIC PRESSURE IN. W.G.	MIN. WATTS	REMARKS
EF-1	Restroom 142	75	0.375	100W	Provide back-draft damper
EF-1	Mothers Room 144	75	0.375	100W	Provide back-draft damper
EF-2	Women's Restroom 143	300	0.3	170W	Provide back-draft damper
EF-2	Men's Restroom 140	300	0.3	170W	Provide back-draft damper

Voltage is 115/1 phase/60HZ.
Control by Division 26.



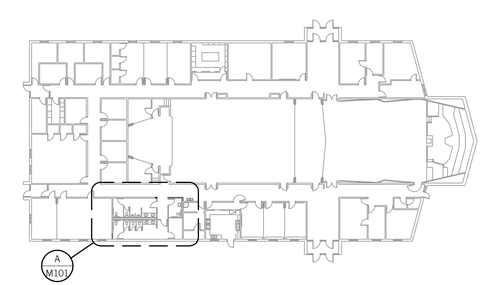
RESTROOM EXHAUST FAN DETAIL
1
Scale: none



Note:
Paint air piping and flashing above roof to match roof color

FURNACE AIR PIPING CONCENTRIC ROOF TERMINATION DETAIL
2
Scale: 1" = 1'-0"

KEY PLAN



NO.	DATE	DESCRIPTION

STATE OF UTAH
C. BRIAN BOTT
No. 136728
LICENSED ARCHITECT

MECHANICAL PLAN
1/4" = 1'-0"
01.07.22
Project Number: 2109
Property Number: 516-795720060101

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

M101

BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
BP-ARCHITECTS.NET
P 801.394.3033

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER/CATALOG NO.	MOUNTING	LAMPS
T1	LITHONIA BLWP4 40L ADP 120V EZ1 LP830	WALL ABOVE MIRROR	LED (25W)
T2	LITHONIA BLWP2 20L ADP 120V EZ1 LP830 E10WLCP	SAME HEIGHT AS T1 UNLESS NOTED OTHERWISE	LED (17W)
T3	LITHONIA EPANL 2X2 4000LM 80CRI 30K MIN10 ZT MVOLT 2X2SMKSHP PAF PAINT TO MATCH	SURFACE, SURFACE MOUNT KIT	LED (33W)
T3E	LITHONIA EPANL 2X2 4000LM 80CRI 30K MIN10 ZT MVOLT E10WCP 2X2SMKSHP PAF PAINT TO MATCH	SURFACE, SURFACE MOUNT KIT	LED (33W)

KEYED NOTES:

1. Remove and reinstall existing light fixture after new ceiling is installed. Preserve existing circuiting and reconnect to function as existing. Clean and relamp to match existing.
2. Reinstall salvage restroom fixture and install in this location. Clean and relamp to match existing.
3. Install emergency battery pack in this fixture to operate one lamp at 1500 lumens with loss of power. Pull extr hot from same circuit serving fixture as required.
4. Fixture T2E always on, not switched.
5. Connection for K7 (per record drawings) to change similar to shown, field verify.
6. Reconnect to existing area circuits K11 and K13 per record drawings.
7. Connect to existing area circuit and switching.
8. Connect relocated and salvaged speaker to existing sound circuit to function as existing.
9. Reconnect to existing circuit K-32 per record drawings.
10. Reconnect to existing circuit K-34 per record drawings.
11. Ceiling mount occupancy sensor. Auto on, auto off. Wattstopper DT300 sensor(s) with BZ-150 power pack(s set to occupancy setting. Sensor(s) to control all lights in room unless shown otherwise. Install per manufacturer wiring diagrams. Provide BZ-150 power pack at each separately switched location.

FLOOR PLAN

NO.	DATE	DESCRIPTION

BEAZER ENGINEERING INC.
P.O. BOX 652
MILLVILLE, UTAH 84326
C 435.770.8999
david@beazer-engineering.com

LICENSED PROFESSIONAL ENGINEER
No. 178785
DAVID W. BEAZER
1.18.22
STATE OF UTAH

1/8" = 1'-0"
01.07.22
Project Number: **2109**
Property Number: **516-795720060101**

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

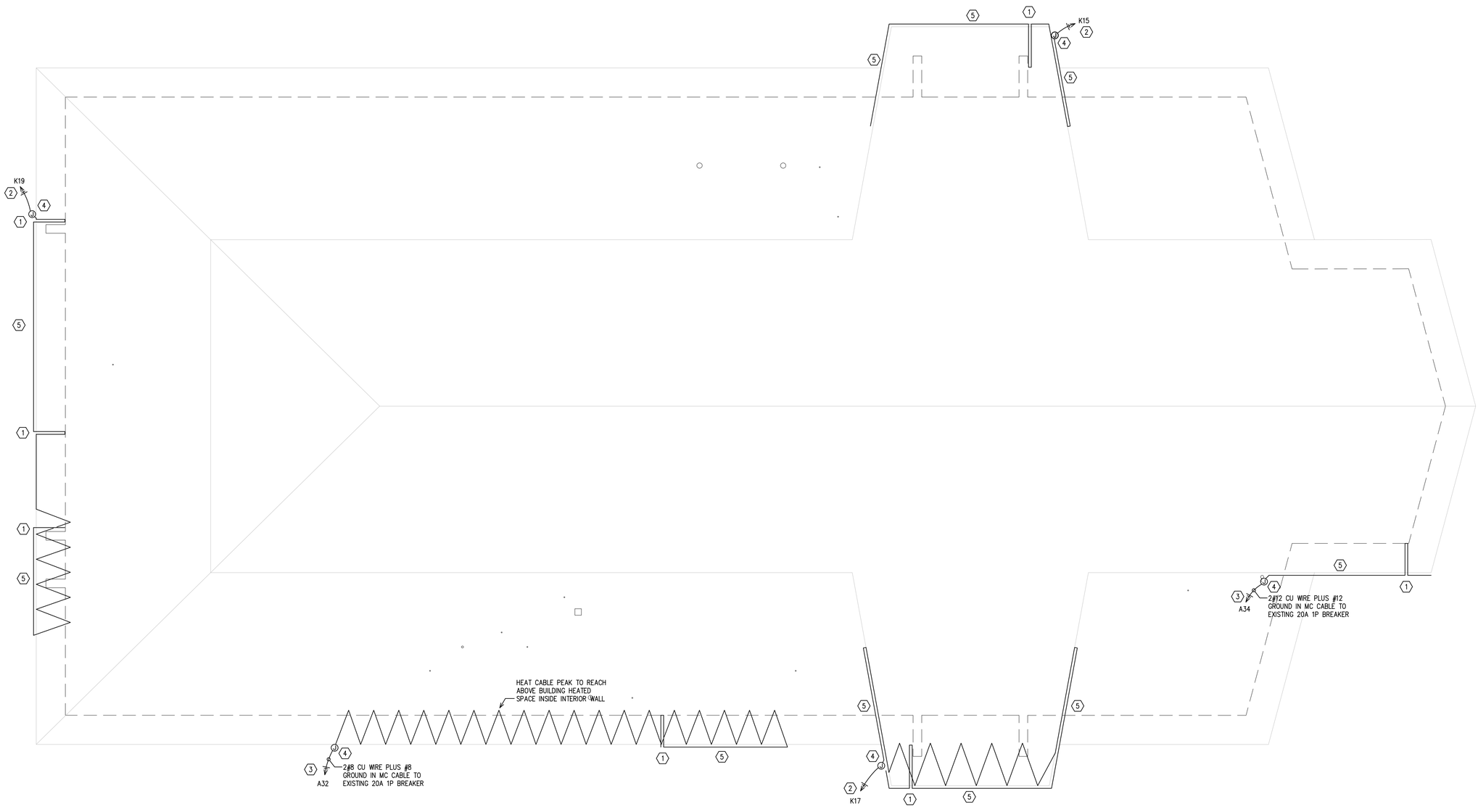
NORTH

E100

BOTT PANTONE ARCHITECTS
333 24TH STREET
OGDEN, UT 84401
BP-ARCHITECTS.NET
P **801.394.3033**

KEYED NOTES:

1. Downspout location.
2. Connect to existing circuit for heat tape per record drawings.
3. New 20A 1P Circuit to existing spare breaker in panel A.
4. Heat cable and sensors per specification. Provide spacers, clips, end seals etc. for a complete installation. Cable to run full length of gutter and double down and back in downspouts where required to continue run.
5. Rain gutter location, see Architectural.



ROOF HEAT TRACE PLAN

NO.	DATE	DESCRIPTION

BEAZER ENGINEERING INC.
P.O. BOX 652
MILLVILLE, UTAH 84326
C 435.770.8999
david@beazer-engineering.com

LICENSED PROFESSIONAL ENGINEER
No. 178785
DAVID M. BEAZER
1.18.22
STATE OF UTAH

1/8" = 1'-0"
01.07.22
Project Number: **2109**
Property Number: **516-795720060101**

OAKHILLS, SUMMERWOOD WARD
SEISMIC REROOF AND REMODEL
1410 EAST GENTILE STREET
LAYTON, UTAH

NORTH

E200