Lot - 54 Brooks - A	
Powder Springs, Ga. 30127	
SQUARE FOOTAGE	
Total Heated Area:	1805 sf
Unheated Area:	n/a sf
Garage Area:	398 sf
Total Enclosed Area:	2235 sf
Deck/Patio Area:	64 sf
Stoop Area:	37 sf
UNIT VOLUME	
Heated Volume:	17120 cf
Unheated Volume:	3590 cf

Lot - 55 Brooks - D	
Powder Springs, Ga. 30127	
SQUARE FOOTAGE	
Total Heated Area:	1805 sf
Unheated Area:	n/a sf
Garage Area:	398 sf
Total Enclosed Area:	2235 sf
Deck/Patio Area:	64 sf
Stoop Area:	37 sf
UNIT VOLUME	
Heated Volume:	17120 cf
Unheated Volume:	3590 cf

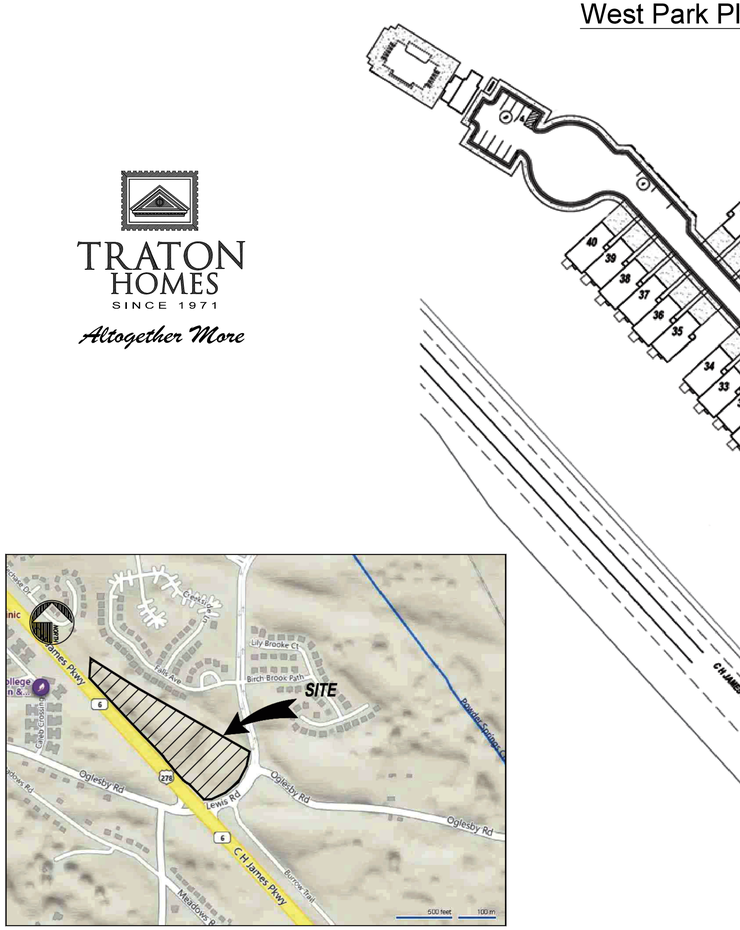
Lot - 56 Brooks - J	
Powder Springs, Ga. 30127	
SQUARE FOOTAGE	
Total Heated Area:	1805 sf
Unheated Area:	n/a sf
Garage Area:	398 sf
Total Enclosed Area:	2235 sf
Deck/Patio Area:	64 sf
Stoop Area:	37 sf
UNIT VOLUME	
Heated Volume:	17120 cf
Unheated Volume:	3590 cf

Lot - 57 Brooks - C	
Powder Springs, Ga. 30127	
SQUARE FOOTAGE	
Total Heated Area:	1805 sf
Unheated Area:	n/a sf
Garage Area:	398 sf
Total Enclosed Area:	2235 sf
Deck/Patio Area:	64 sf
Stoop Area:	37 sf
UNIT VOLUME	
Heated Volume:	17120 cf
Unheated Volume:	3590 cf

Lot - 58 Brooks -H	
Powder Springs, Ga. 30127	
SQUARE FOOTAGE	
Total Heated Area:	1805 sf
Unheated Area:	n/a sf
Garage Area:	398 sf
Total Enclosed Area:	2235 sf
Deck/Patio Area:	64 sf
Stoop Area:	37 sf
UNIT VOLUME	
Heated Volume:	17120 cf
Unheated Volume:	3590 cf

Lot - 59 Brooks - A	
Powder Springs, Ga. 30127	
SQUARE FOOTAGE	
Total Heated Area:	1805 sf
Unheated Area:	n/a sf
Garage Area:	398 sf
Total Enclosed Area:	2235 sf
Deck/Patio Area:	64 sf
Stoop Area:	37 sf
UNIT VOLUME	
Heated Volume:	17120 cf
Unheated Volume:	3590 cf

West Park Place, Building 10, Lots 54-59



Building Location Layout

Site Location Layout

TRATON HOMES
SINCE 1971
Altogether More

FRONT ELEVATION	
68%	BRICK
38%	FIBER CEMENT BOARD-&-BATT
6%	FIBER CEMENT LAP SIDING
LEFT SIDE ELEVATION	
60%	BRICK
40%	FIBER CEMENT LAP SIDING
RIGHT SIDE ELEVATION	
57%	BRICK
43%	FIBER CEMENT LAP SIDING
REAR ELEVATION	
57%	BRICK
43%	FIBER CEMENT LAP SIDING

General Notes

1. 1/150 VENTILATION MIN. AREA FOR ATTIC AND UNDER FLOOR (WHICHEVER APPLIES.)
2. FAN, IF NO WINDOW IN BATH, AND GFI REQUIRED IN ALL WET ROOMS.
3. 8% MIN. LIGHT AND 4% MIN. VENTILATION AREA IN ALL HABITABLE ROOMS, EXCEPTIONS PER I.R.C.
4. DOUBLE FLR. JOISTS UNDER ALL PARALLEL PARTITION WALLS AND SOLID CONTINUOUS 2x SOLID BLOCKING UNDER ALL PERPENDICULAR PARTITION WALLS. ALL LOAD BEARING WALLS TO HAVE DESIGNED BEAM OR WALL UNDER.
5. FIRESTOPS IN ALL WALLS, ATTIC FLOOR CHASES, SOFFITS PER I.R.C.
6. PRESSURE TREATED OR DECAY RESISTANT WOOD REQUIRED @ ALL CONTACT WITH CONCRETE AND EXPOSURE TO WEATHERING CONDITIONS.
7. 1/2" MIN. SHEATHING, (4" WIDE MIN. PLATE TO PLATE) OR 1 x 4 LET-IN OR APPROVED METAL STRAPS WALL BRACING REQUIRED FOR STRENGTHENING WALLS FOR MINIMUM SHEAR. THIS IS TO BE ACCOMPLISHED AT 25'-0" O.C. AND ALL CORNERS, AT ALL LEVELS WITH WOOD FRAMING. LET-INS AS CLOSE TO 45 DEGREES AS POSSIBLE.
8. TEMPERED GLASS REQUIRED WHEN SILL IS LESS THAN 18" A.F.F., 24" FROM EXT. DOOR OPENING, AND WITHIN 60" VERT. AND ABOVE TUB OR SHOWER ENCLOSURE.
9. 6'-8" MIN. HEAD CLEARANCE REQUIRED ABOVE STAIR AT ANY POINT. MIN. OF 34" HGT. HANDRAIL REQ. AT STAIR WHEN 30" OR MORE ABOVE ADJACENT LEVEL, AND 30" -38" RAIL WHEN WALLS BORDER STAIR.
10. 36" MIN. HGT. RAILING @ ALL BALCONY, PORCH, DECK OR WHERE HGT. DIFFERENCE IS 30" OR HIGHER.
11. 3'-0" MIN. ACCESS WIDTH THROUGH-OUT STRUCTURE INTERIOR, I.E. STAIR, HALL, ETC.
12. 22" x 30" MIN. ATTIC ACCESS REQUIRED.
13. 20" x 24" MIN. OPENING SIZE RQD. W/ 44" MAX. SILL HGT. AT ONE WINDOW IN EACH BEDROOM. FOR EMERGENCY EGRESS. A DOOR CAN SUBSTITUTE FOR THIS EGRESS
14. 7 3/4" MAX RISER HGT. AND 10" MIN TREAD WIDTH AT ALL STAIRS.
15. 1/2" GYP. BOARD REQD. UNDER ALL STAIRS THAT USE THE AREA AS A HABITABLE ROOM.
16. DUAL GLAZING REQD. IF GLAZING AREA EXCEEDS 10% OF FLOOR AREA AND R-13 INSULATION REQD. IF GLAZING AREA EXCEEDS 14% OF FLOOR AREA.
17. A LIGHT GUAGE MECHANICAL CONNECTION IS REQD, AT THE BOTTOM OF ALL POST OR BUILT-UP POST, WHEN SUPPORTING A POST, BEAM, FLOOR OR ROOF STRUCTURE ABOVE, THAT CAN RESTRAIN POST FROM ANY MOVEMENT.
18. ALL CHIMNEYS TO BE 2'-0" HIGHER THAN ROOF 10'-0" AWAY HORIZONTAL.
19. GARAGE/DWELLING SEPARATION:
WALLS - 1/2" GYPSUM BOARD MUD/TAPED AT SEAMS/CORNERS AND SEALED EDGES.
CEILING - 5/8" TYPE-X GYPSUM BOARD MUD/TAPED AT SEAMS/CORNERS AND SEALED EDGES.
PENETRATIONS - NO PENETRATIONS THRU CEILING. DUCTS MINIMUM 26 GAUGE STEEL WITH NO OPENINGS IN THE GARAGE AND SEALED AT PENETRATION.
DOORS - 1 3/8" SOLID CORE WOOD OR 1 3/8" SOLID / HONEY-COME CORE STEEL OR 20-MINUTE FIRE-RATED EQUIPPED WITH A SELF CLOSING DEVICE.

Codes and Standards

2018 - International Residential Building Code with 2024 Georgia Amendments (2015 Prescriptive Deck Details)
2018 - International Building Code with 2024 Georgia State Amendments
2018 - International Mechanical Code with 2024 Georgia State Amendments
2018 - International Fuel Gas Code with 2022 Georgia State Amendments
2018 - International Fire Code.
2018 - International Plumbing Code with 2024 Georgia State Amendments
2015 - International Energy Conservation Code with 2023 Georgia State Supplements and Amendments
2020 - NEC National Electrical Code with 2021 Georgia State Amendments
2018 - NFPA 101 Life Safety Code
Georgia Accessibility Code Chapter 120-3-20-.016 (.01-.08) - 2010 ADA Standards For Accessible design

Index of Drawings

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TRATON HOMES

PROJECT
West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24
PLOT SCALE: 1/8" PRINTED BY: TDavis
PRINT DATE: 5/20/2024 PRINT TIME: 13:21
FIRST ISSUE DATE: 03/08/24 FILE NAME: West Park 54-59.pln

Designed for TRATON HOMES by

CALDWELL • CLINE
ARCHITECTS ◇ DESIGNERS
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www.caldwellcline.com

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Fax: (770) 427-2714

Revisions
1 .
2 .
3 .
4 .

ISSUED FOR CONSTRUCTION

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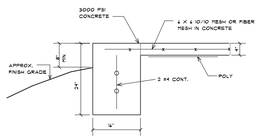
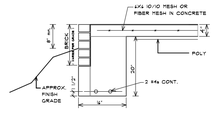
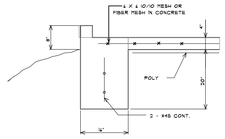
Sheet: 0-1 OF 17
Drawn By: TD



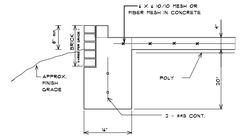
1 Turn down slab section @ typ. ext. wall
1/2" = 1'-0"



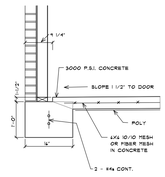
2 Turn down slab section @ typ. ext. wall w/ brick veneer
1/2" = 1'-0"



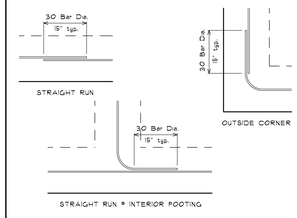
3 Turn down slab w/ curb section @ garage
1/2" = 1'-0"



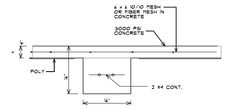
4 Turn down slab w/ curb section @ garage w/ brick veneer
1/2" = 1'-0"



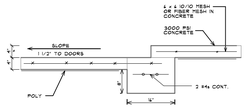
5 Typical water stop detail @ garage entry
1/2" = 1'-0"



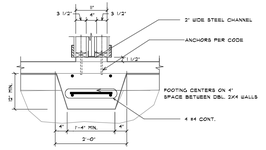
6 Detail @ typical footing rebar overlap (Slab & Basement)
1/2" = 1'-0"



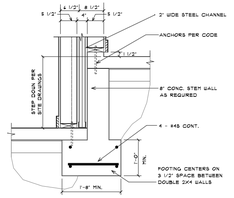
7 Turn down slab section @ typ. int. bearing wall
1/2" = 1'-0"



8 Turn down slab section @ typ. int. bearing wall
1/2" = 1'-0"



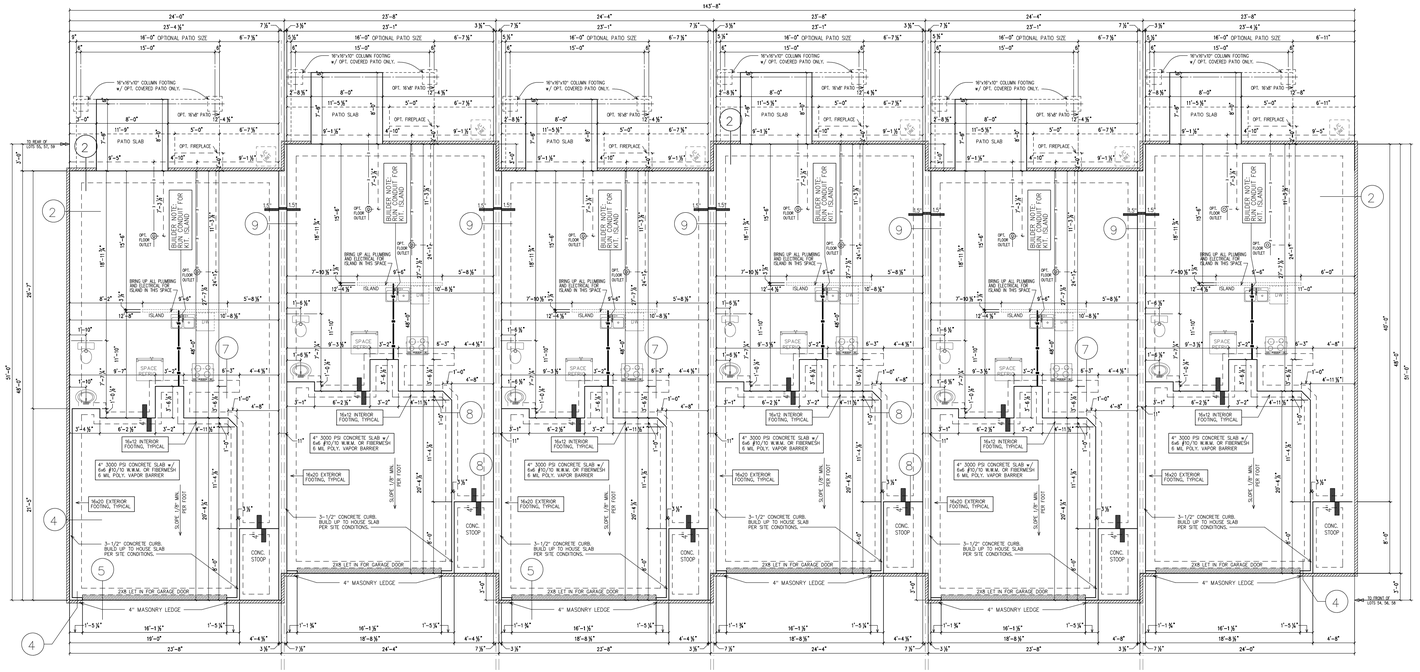
9 Turn down slab section @ typ. int. 2hr. party fire wall
1/2" = 1'-0"



10 Turn down slab section @ typ. int. 2hr. fire wall wall w/ 2' vertical step in slab
1/2" = 1'-0"

11

12



Lot - 54	Lot - 55	Lot - 56	Lot - 57	Lot - 58	Lot - 59
Brooks - A	Brooks - D	Brooks - J	Brooks - C	Brooks - H	Brooks - A
Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side

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

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

FIRST ISSUE DATE: 03/08/24
PLOT SCALE: 1/8"
PRINT DATE: 5/20/2024
FILE NAME: 24WP-10-54-59.pln
PRINTED BY: TDavis
PRINT TIME: 13:23
WP-BP-10-54-59.dwg

Designed for TRATON HOMES by

CALDWELL • CLINE

ARCHITECTS ◆ DESIGNERS

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Revisions		
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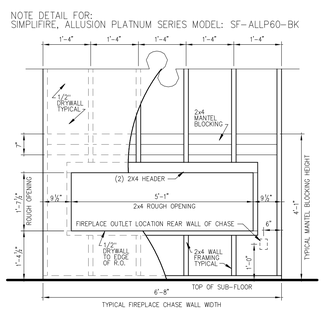
ISSUED FOR CONSTRUCTION

Sheet Title: Foundation Plan

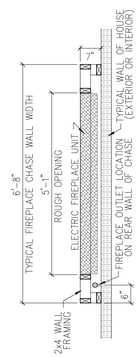
Sheet: 1-1 OF 17

Drawn By: TD

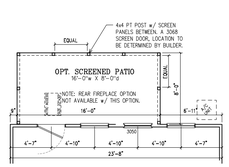
NOTE DETAIL FOR:
SIMPLIFIRE, ALLUSION PLATNUM SERIES MODEL: SF-ALLP60-BK



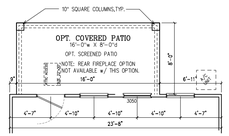
Electric Fireplace Chase Elevation
SCALE: 1/2" = 1'-0"



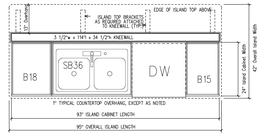
Opt. Elec. Fireplace



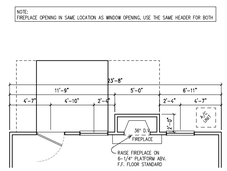
Opt. Screened Patio
SCALE: 1/8" = 1'-0"



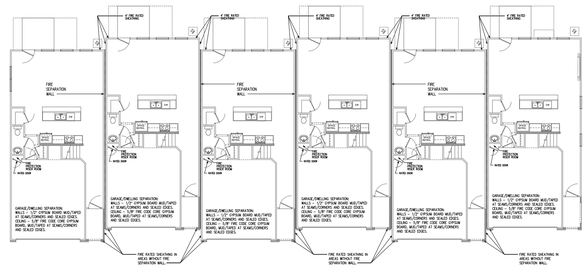
Opt. Covered Patio
SCALE: 1/8" = 1'-0"



Kitchen Island Detail
Not to Scale

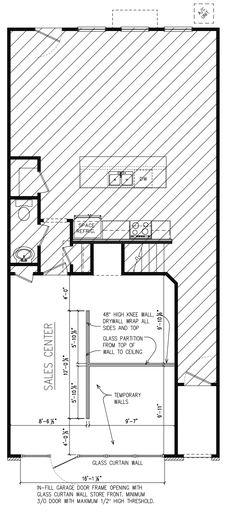


Opt. Gas Fireplace, Main Level Plan
SCALE: 1/8" = 1'-0"

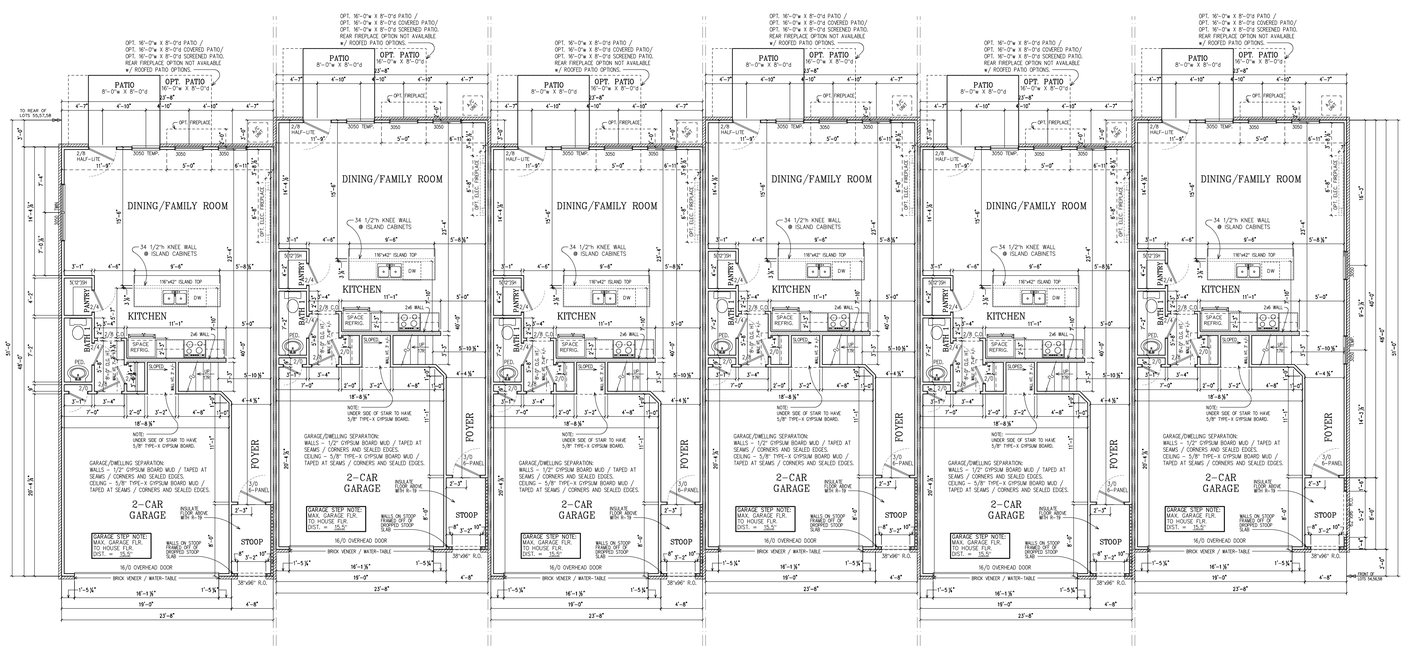


Main Level Fire Separation Layout
Not to Scale

CONSTRUCTION NOTES:
1. FRAME GARAGE AS STANDARD PER PLAN FIRST, INCLUDING GARAGE DOOR FRAMING.
2. ALL SALES CENTER FRAMING TO BE TEMPORARY AND REMOVABLE WITHOUT PERMANENT STRUCTURAL CHANG TO THE STRUCTURE OF THE GARAGE OR HOUSE.
3. FRAME TEMPORARY WALL WITH DOOR AND WINDOW WITH-IN EXISTING GARAGE DOOR OPENING.
4. FRAME TEMPORARY HALF WALL PARTITIONS. ADD BLOCKING IN EXISTING WALL AS NEEDED TO STABILIZE PARTITION.
5. BLOCKING FOR PARTITION AND ELECTRICAL ARE THE ONLY CHANGES REQUIRED TO THE STANDARD GARAGE FRAMING AND FINISH.



Temporary Sales Center Layout, Lot 54
SCALE: 1/8" = 1'-0"



Lot - 54	Lot - 55	Lot - 56	Lot - 57	Lot - 58	Lot - 59
Brooks - A	Brooks - D	Brooks - J	Brooks - C	Brooks - H	Brooks - A
Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side

Main Level Plan
SCALE: 1/8" = 1'-0"

WALL LEGEND
2x4 FRAMED WALL
2x6 FRAMED WALL
SPECIAL CONDITION WITH-IN WALL (NON-STANDARD WIDTH, HEIGHT, STUD SPACING, ETC.)
9' CEILING HGT., 109 1/8" WALL HGT. U.N.O.
83" WINDOW & DOOR HEADER HGT. U.N.O.

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

FIRST ISSUE DATE: 03/08/24
PRINTED BY: TDavis
PRINT TIME: 3:23
PLOT SCALE: 1/8"
PLOT STYLE TABLE: 54-59.ctb
FILE NAME: ###-BWP-BP0-10-54-59.pln

TRATON HOMES

Designed for TRATON HOMES by

CALDWELL • CLINE
ARCHITECTS ◇ DESIGNERS
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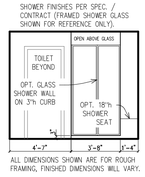
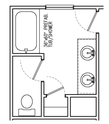
Sheet Title: Main Level Plan

Sheet: 2-2 OF 17

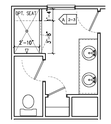
Drawn By: TD



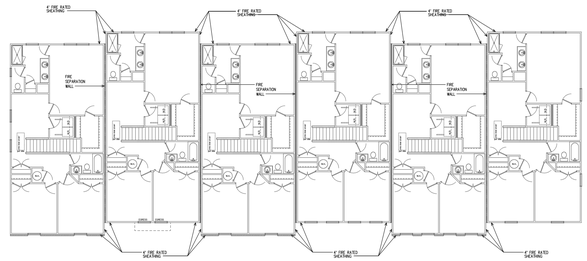
Ⓐ OPT. TILE SHOWER ELEV.



Opt. Owners Bath w/ Tub / Shower Unit
SCALE: 1/8" = 1'-0"

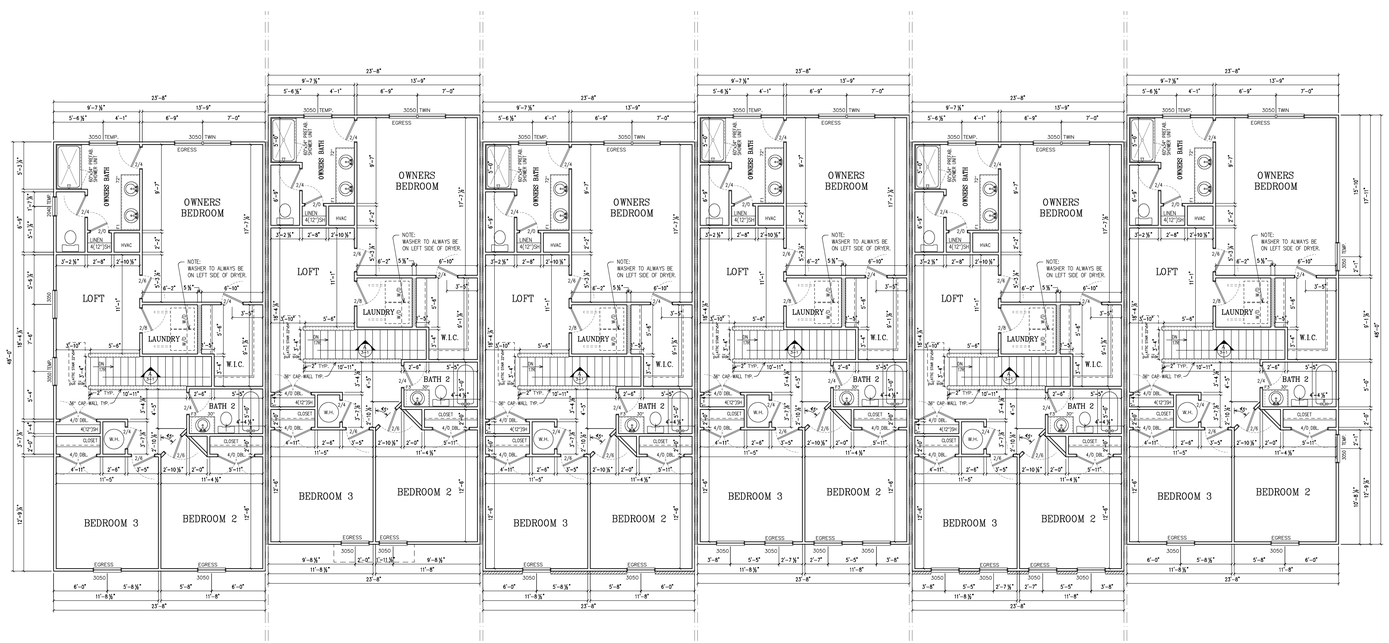


Opt. Owners Bath w/ Tile Shower
SCALE: 1/8" = 1'-0"



Upper Level Fire Separation Layout
Not to Scale

WALL LEGEND
2x4 FRAMED WALL
2x6 FRAMED WALL
SPECIAL CONDITION WITH-IN WALL (NON-STANDARD WIDTH, HEIGHT, STUD SPACING, ETC.)
8' CEILING HGT., 97 1/8" WALL HGT. U.N.O.
83" WINDOW & DOOR HEADER HGT. U.N.O.



Lot - 54	Lot - 55	Lot - 56	Lot - 57	Lot - 58	Lot - 59
Brooks - A	Brooks - D	Brooks - J	Brooks - C	Brooks - H	Brooks - A
Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side

Upper Level Plan
SCALE: 1/8" = 1'-0"

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

PLOT SCALE: 1/8"
PLOT GAGE: ARCH E1 - 30 X 42 - WP.WP
FIRST ISSUE DATE: 03/08/24
PRINT DATE: 5/20/2024
PRINT TIME: 3:22
PRINTED BY: TDavis
PLOTTED: May 20, 2024 - 3:22pm

Designed for TRATON HOMES by

CALDWELL • CLINE
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Revisions

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2	
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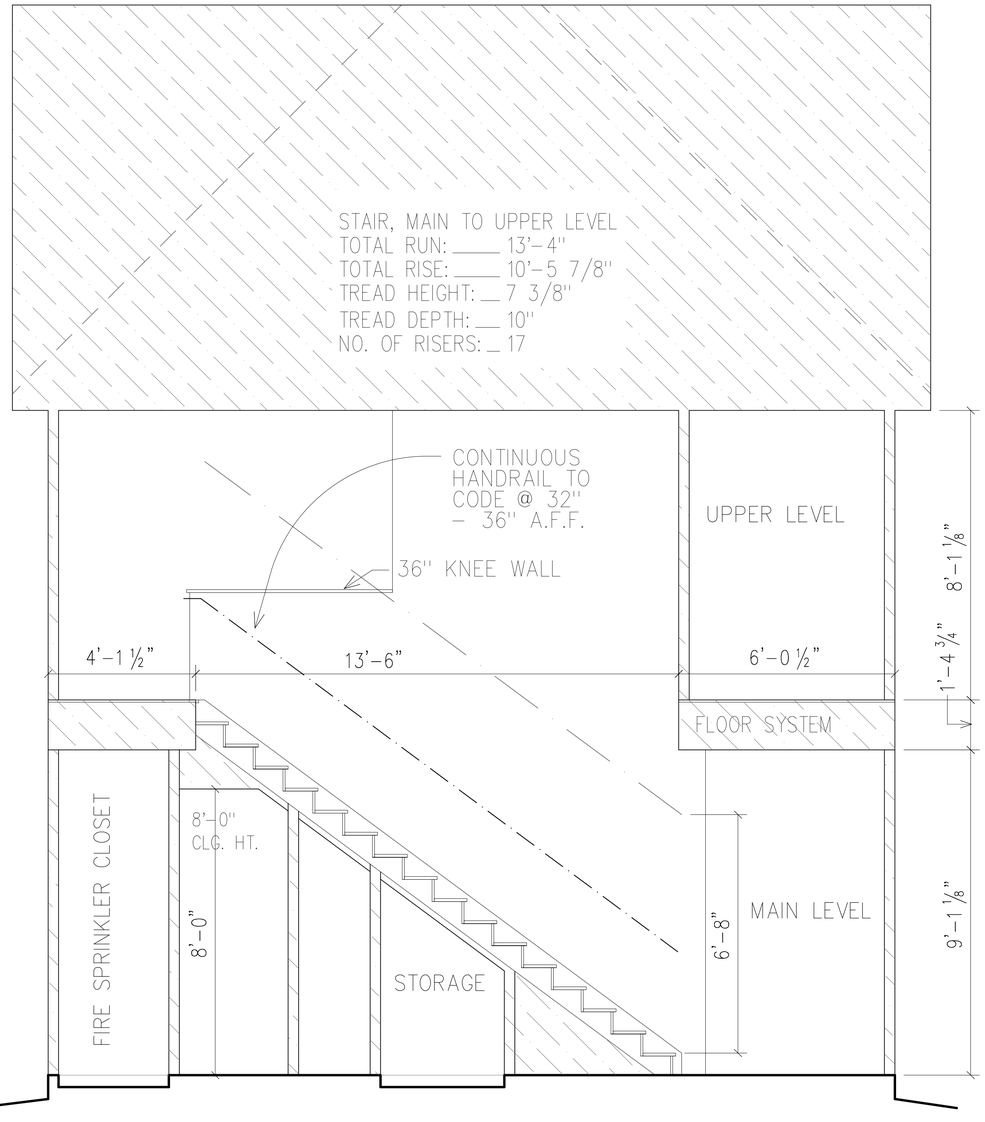
ISSUED FOR CONSTRUCTION

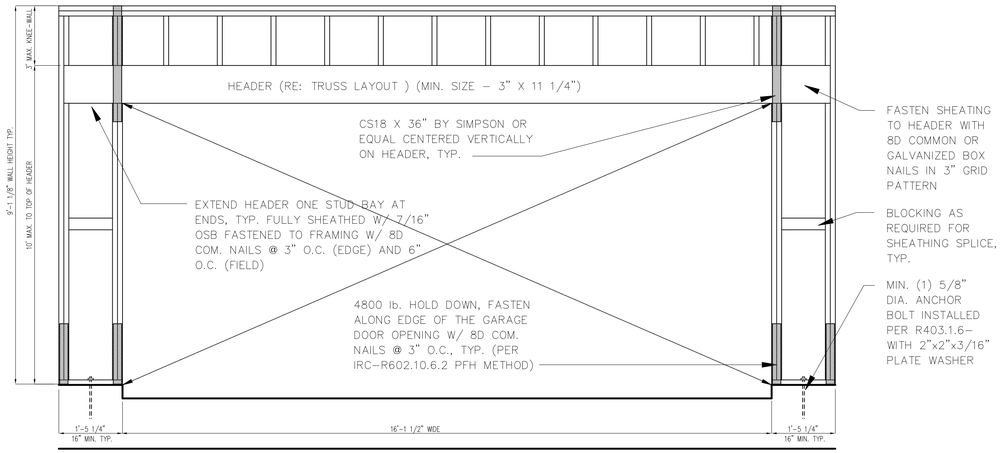
Sheet Title: Upper Level Plan

Sheet: 2-3 OF 17

Drawn By: TD



Stair / Building Section – A
Scale: 1/2" = 1'-0"



Garage Portal Frame Detail
Not to Scale

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

FIRST ISSUE DATE: 03/08/24
PRINT DATE: 5/20/2024
PRINT TIME: 3:22 PM
PLOT SCALE: 1/8"
PLOTTED BY: Davis
FILE LOCATION: J:\WP-JBPro-TEMPLATES\54-59.pwf

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Revisions

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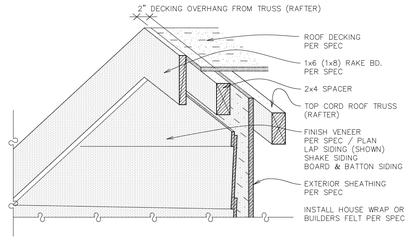
2	
3	
4	

ISSUED FOR CONSTRUCTION

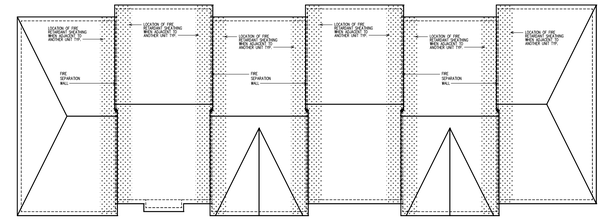
Sheet Title: Building / Stair Section

Sheet: 3-1 OF 17

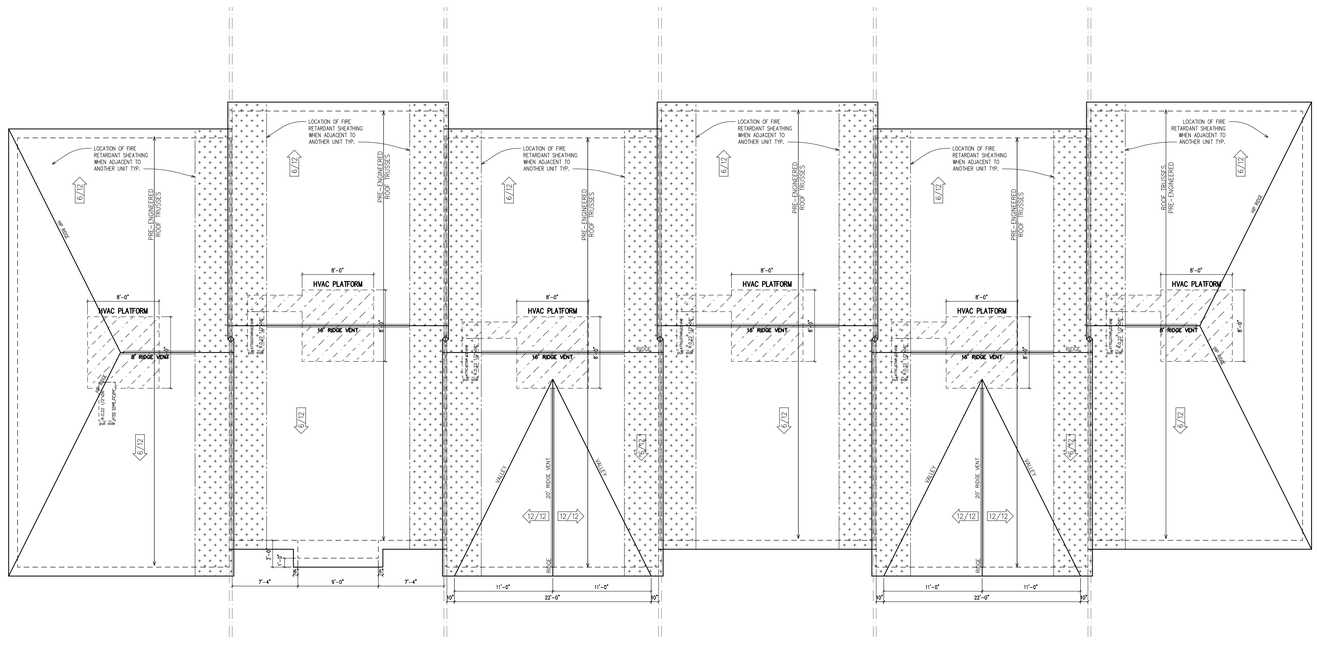
Drawn By: TD



FLUSH RAKE (SIDING/SHAKE/B&B)



Roof Fire Separation Layout



Lot - 54	Lot - 55	Lot - 56	Lot - 57	Lot - 58	Lot - 59
Brooks - A	Brooks - D	Brooks - J	Brooks - C	Brooks - H	Brooks - A
Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side

Roof Layout

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

NOTE: ALL ROOF OVERHANGS ARE 12" FROM OUTSIDE STUD, UNLESS OTHERWISE NOTED.

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

FIRST ISSUE DATE: 03/08/24
PLOT SCALE: 1/8"
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PRINT TIME: 3:22
FILE LOCATION: P:\Projects\2024\24-054A WP\WP.JBPro - 10-54-59.pwx

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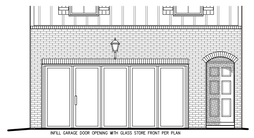
ISSUED FOR CONSTRUCTION

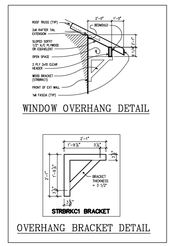
Sheet Title: Roof Layout

Sheet: 3-1 OF 17

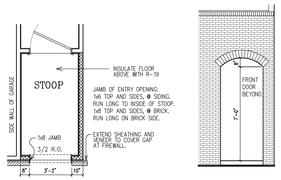
Drawn By: TD



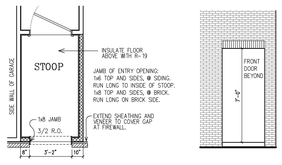
Temporary Sales Center Entry ilo Garage Door, Lot 54
SCALE: 1/8" = 1'-0"



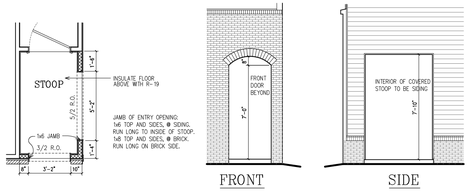
Lots – 55 Window Canopy Detail



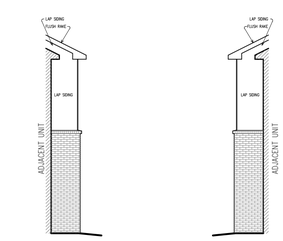
Front Entry Detail Lots – 54, 55



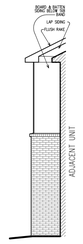
Front Entry Detail Lots – 56, 57, 58



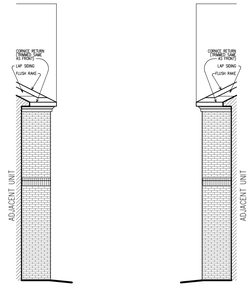
Front Entry Detail Lot – 59



Rear Elevation, Lots – 55,57,59
Right and Left Side Returns

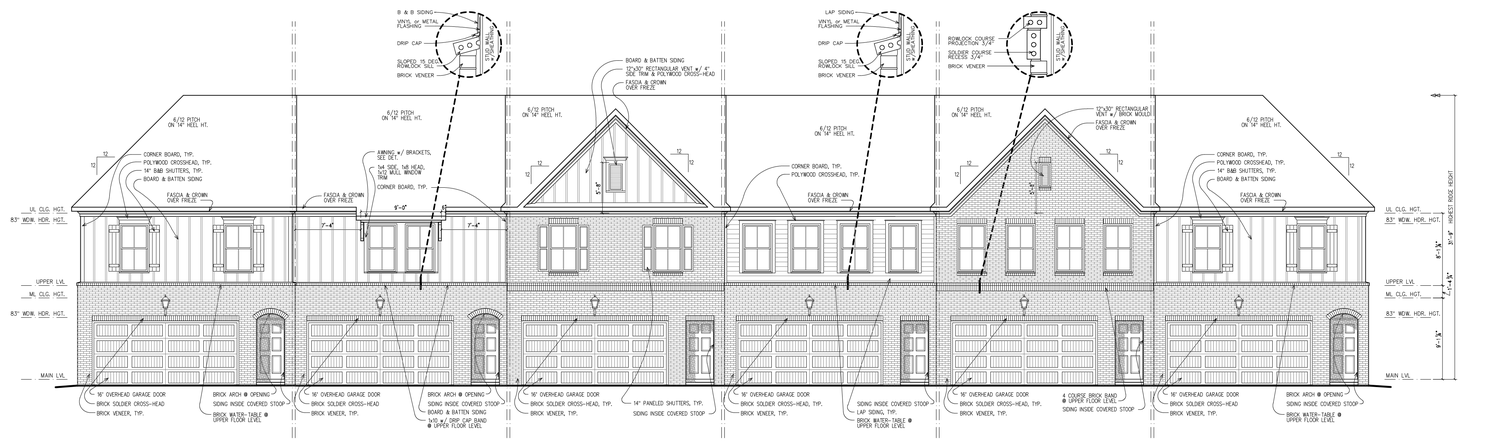


Front Elevation, Lot – 54
Right Side Return



Front Elevation, Lots – 56,58
Right and Left Side Returns

FRONT ELEVATION	
68%	BRICK
38%	FIBER CEMENT BOARD-&-BATT
6%	FIBER CEMENT LAP SIDING
LEFT SIDE ELEVATION	
60%	BRICK
40%	FIBER CEMENT LAP SIDING
RIGHT SIDE ELEVATION	
57%	BRICK
43%	FIBER CEMENT LAP SIDING
REAR ELEVATION	
57%	BRICK
43%	FIBER CEMENT LAP SIDING



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

Lot - 54	Lot - 55	Lot - 56	Lot - 57	Lot - 58	Lot - 59
Brooks - A	Brooks - D	Brooks - J	Brooks - C	Brooks - H	Brooks - A
Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side

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

Lot - 59	Lot - 58	Lot - 57	Lot - 56	Lot - 55	Lot - 54
Brooks - A	Brooks - H	Brooks - C	Brooks - J	Brooks - D	Brooks - A
Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

FIRST ISSUE DATE: 03/08/24
PRINTED BY: Travis
PRINT TIME: 3:22:
PLOT SCALE: 1/8"
PRINT DATE: 5/20/2024
FILE NAME: P:\TRATON HOMES\54-59\Arch\

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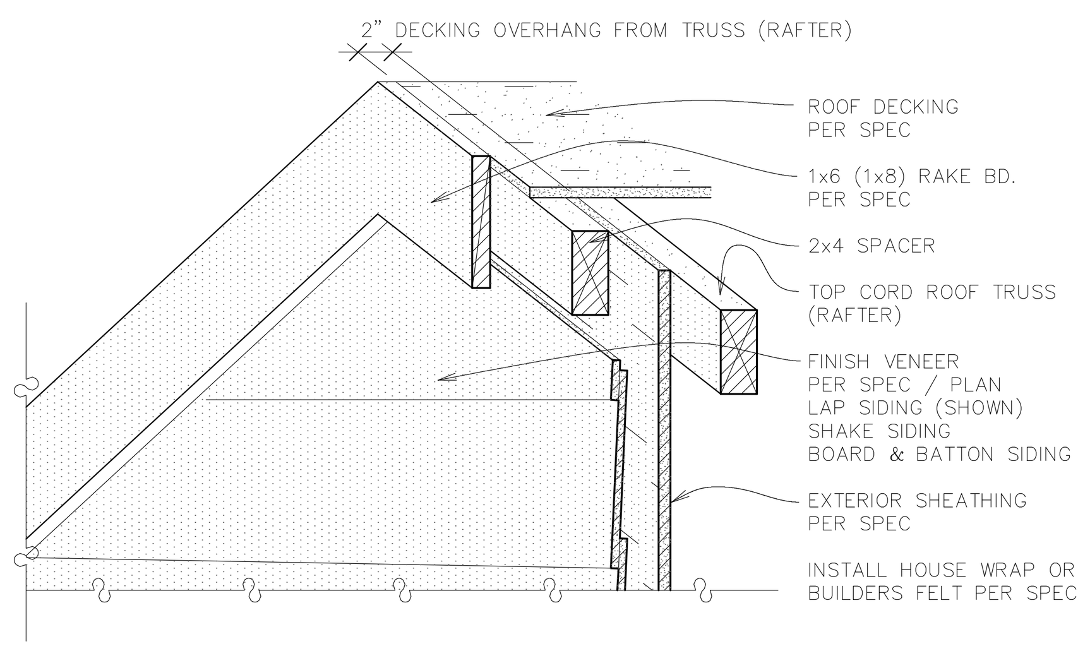
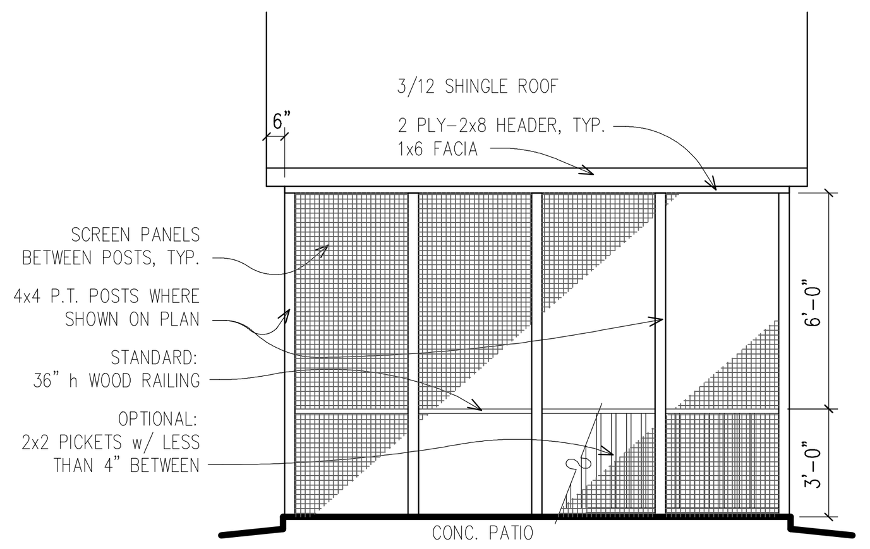
Sheet Title: Front Elevation

Sheet: 5-1 OF 17

Drawn By: TD

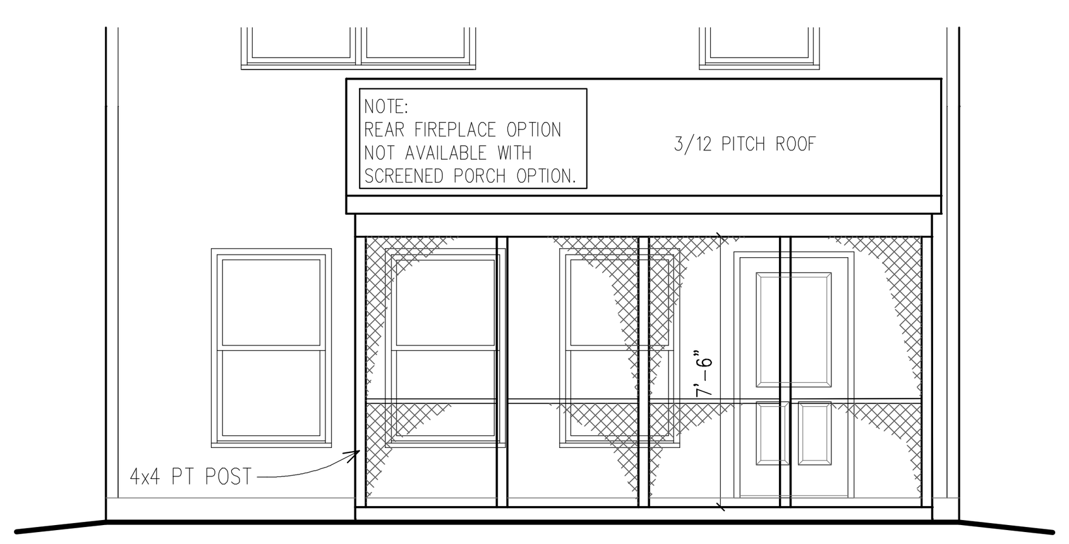


FLUSH RAKE (SIDING/SHAKE/B&B)

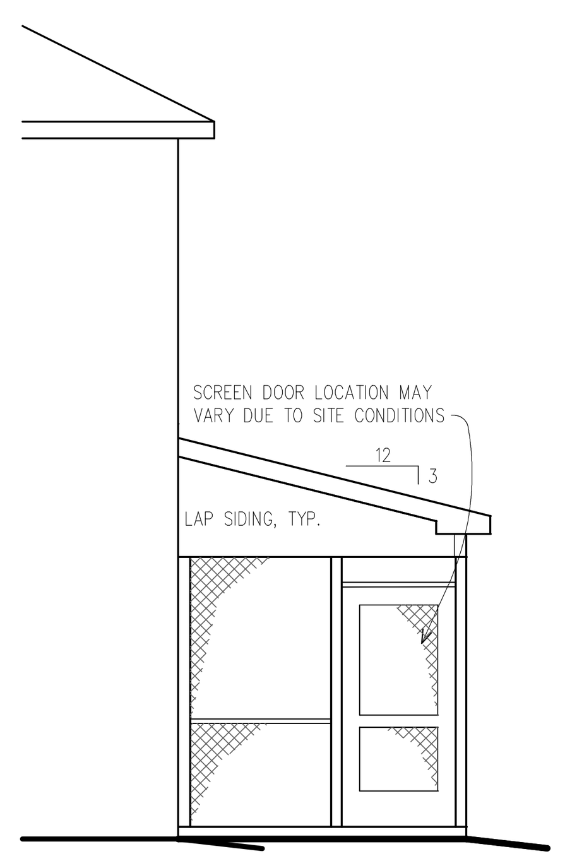


Rear Elevation
Opt. Screen Patio Detail
Not to Scale

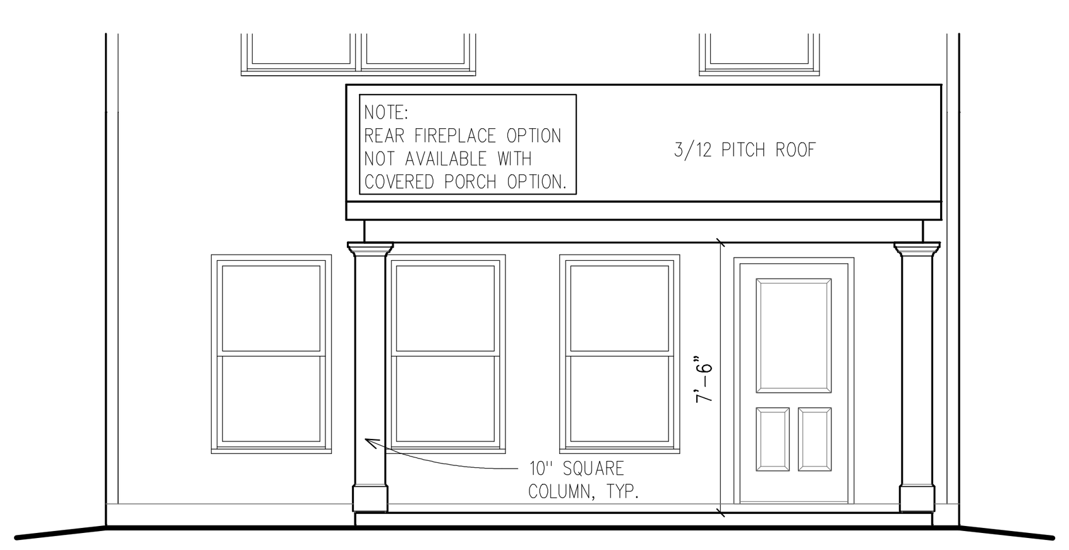
NOTE:
TRIM FINISHES FOR OPTIONS TO MATCH SIDE AND REAR BUILDING FINISHES. (FINISHES OMITTED FOR CLARITY).



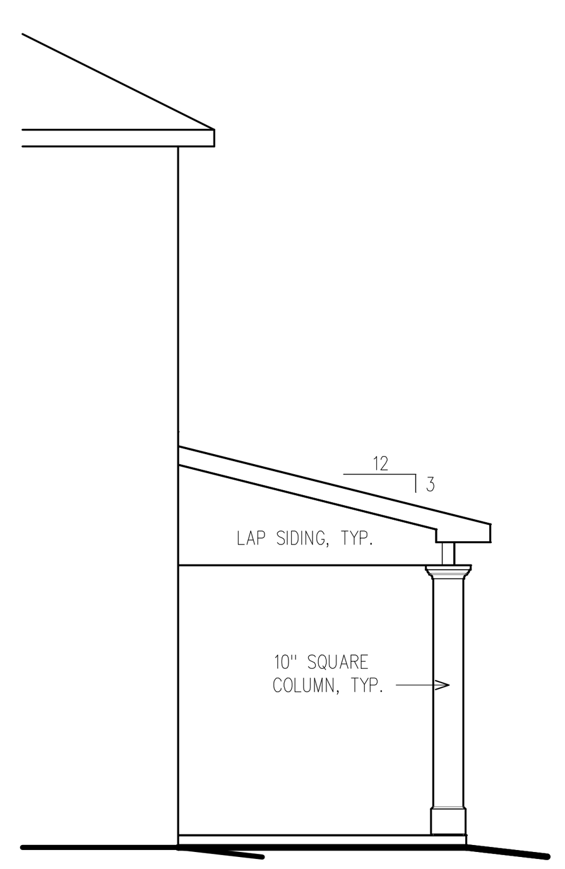
Partial Rear Elevation @ Opt. Screened Patio
SCALE: 3/16" = 1'-0"



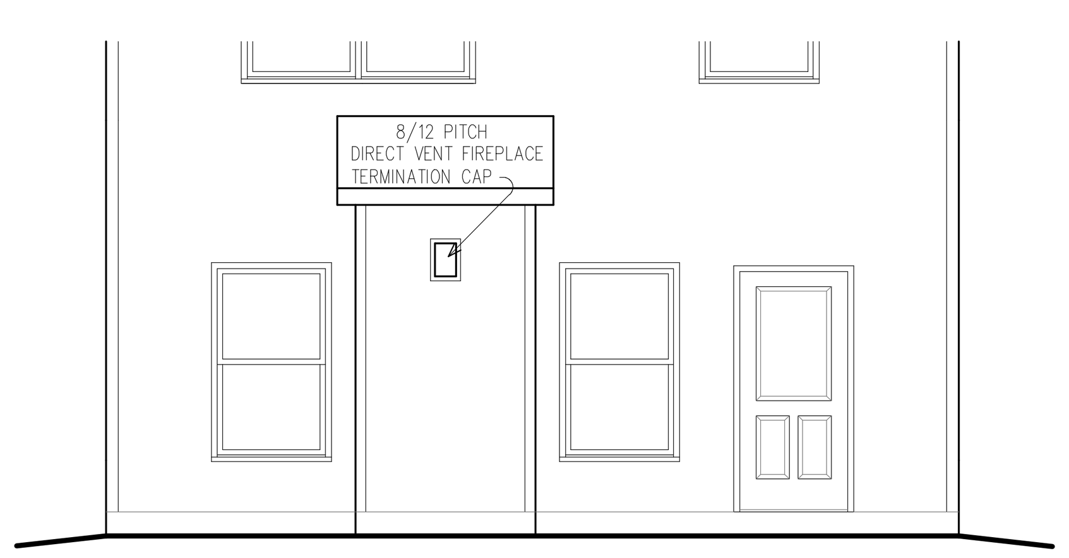
Partial Side Elevation
@ Opt. Screened Patio
SCALE: 3/16" = 1'-0"



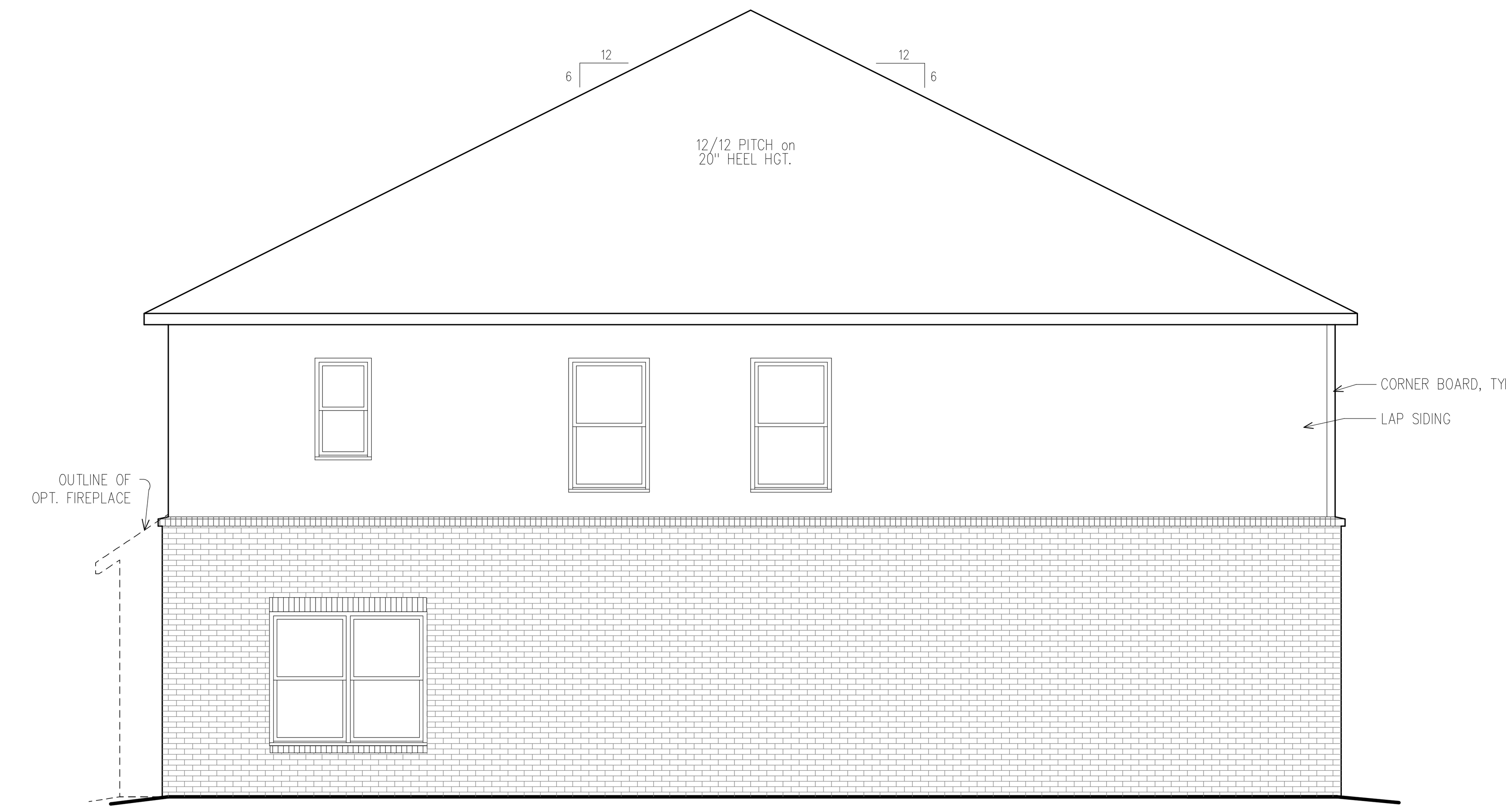
Partial Rear Elevation @ Opt. Covered Patio
SCALE: 3/16" = 1'-0"



Partial Side Elevation
@ Opt. Covered Patio
SCALE: 3/16" = 1'-0"



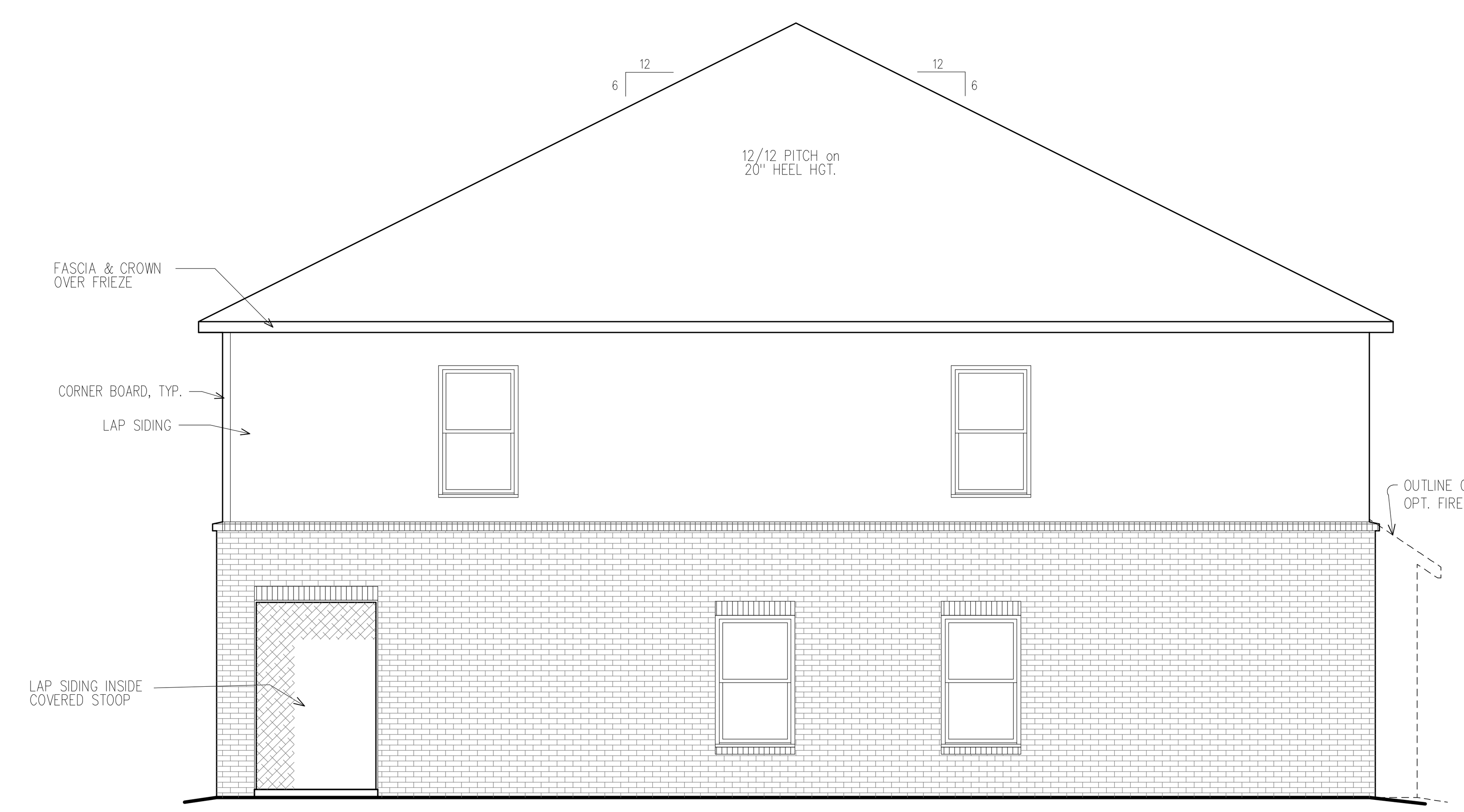
Partial Rear Elevation @ Opt. Fireplace
SCALE: 3/16" = 1'-0"



FRONT ELEVATION	
68%	BRICK
38%	FIBER CEMENT BOARD-&-BATT
6%	FIBER CEMENT LAP SIDING
LEFT SIDE ELEVATION	
60%	BRICK
40%	FIBER CEMENT LAP SIDING
RIGHT SIDE ELEVATION	
57%	BRICK
43%	FIBER CEMENT LAP SIDING
REAR ELEVATION	
57%	BRICK
43%	FIBER CEMENT LAP SIDING

Lot - 54
Brooks - A
Garage Door Left Side

Left Elevation
SCALE: 3/16" = 1'-0"



Lot - 59
Brooks - A
Garage Door Left Side

Right Elevation
SCALE: 3/16" = 1'-0"

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24
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PRINT DATE: 5/20/2024 PRINT TIME: 13:22
FILE: G:\AEC-dwg-Lib\MF\WP\WP_Bldg-10_Lots_54-59.aec

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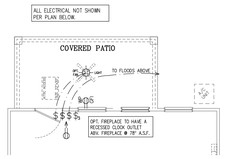
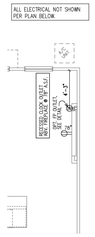
Sheet Title: Side Elevations

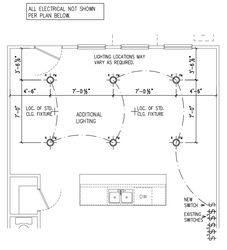
Sheet: 5-2 OF 17 Drawn By: TD



Opt. Covered/Screened
Patio Electrical Layout

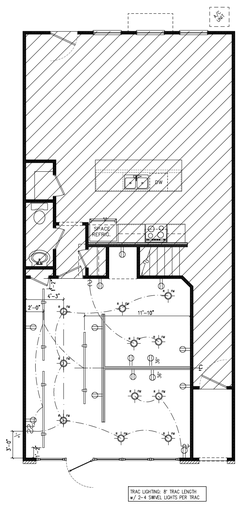


Opt. Elec. Fireplace
Main Level Elec. Layout

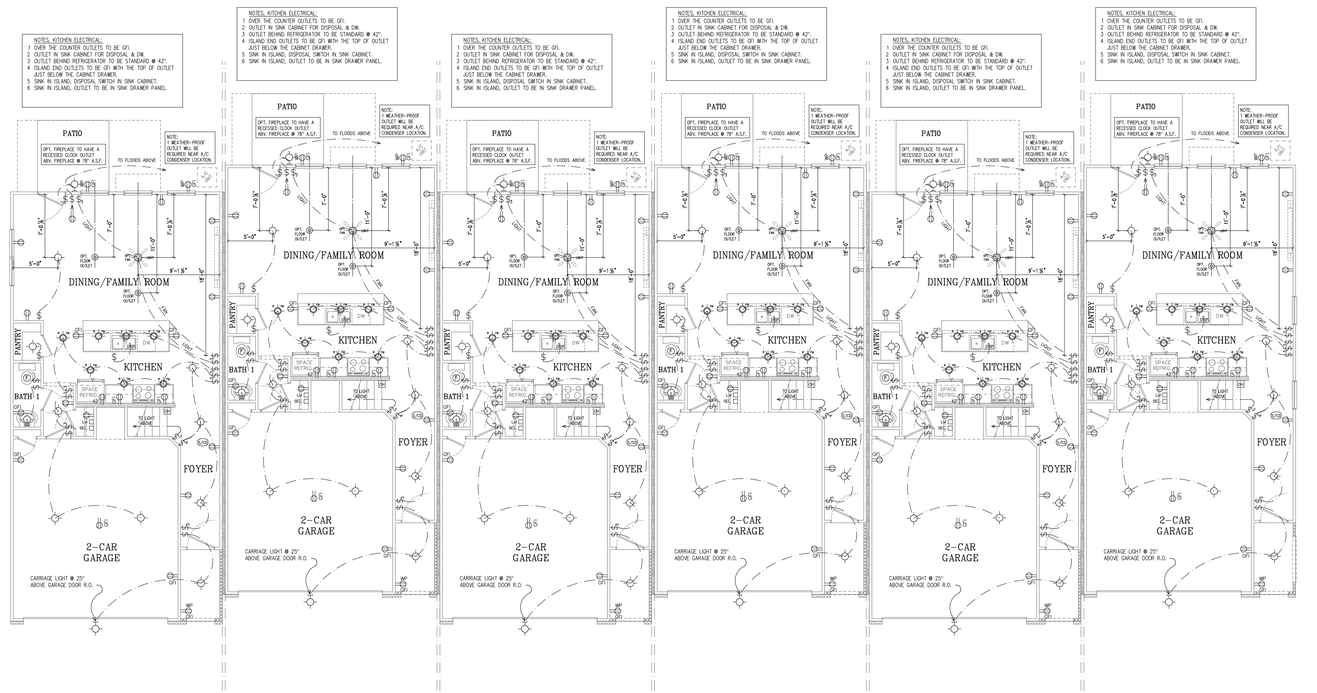


Opt. Dining/Family Rm. Lighting

ELECTRICAL SYMBOL LEGEND					
S	Switch	CF	Flood Light	SD	Smoke/Carbon-dioxide Detector
$_3$	3-Way Switch	WF	Weather Proof Flood Light	SD	Smoke Detector
$_4$	4-Way Switch	WL	Wall Mounted Light	GD	Garbage Disposal
$_D$	Dimmer Switch	WHL	Wall Mounted Header Light Abv. Door	TJ	Telephone Jack
	Ceiling Mounted Light		Recess Light/Exhaust Fan Combo	LOAD CENTER	Load Panel
	Flush Ceiling Mounted Light		Ceiling Mounted Exhaust Fan	T	Thermostat
	Vapor Proof Recessed Light		Ceiling Mounted Fan w/ Opt. Light	CHIMES	Chimes
	Recessed Directional Light		Ceiling Mounted Light w/ Opt. Fan	CATV	Cable/TV Outlet
SCENE	1x4 Fluorescent Light		110 Volt Duplex Outlet		Inter Comm. Location
SCENE	2x4 Fluorescent Light		Weather Proof 110 Volt Duplex Outlet		Ceiling Mount/Flush Speaker
	Trac Light, Power Bar		GFI - 110 Volt Duplex Outlet		Wall Mount/Flush Speaker
	Trac Light, Light Fixture		220 Volt Outlet		Security Low Voltage
	Pull Chain Light (Keyless)		Switched - 110 Volt Duplex Outlet		Security Panel
	Weather Proof Ceiling Mounted Light		Floor - 110 Volt Duplex Outlet		



Temporary Sales Center Elec. Layout, Lot 54
SCALE: 1/8" = 1'-0"



Lot - 54	Lot - 55	Lot - 56	Lot - 57	Lot - 58	Lot - 59
Brooks - A	Brooks - D	Brooks - J	Brooks - C	Brooks - H	Brooks - A
Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side	Garage Door Left Side

Main Level Electrical Layout

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

PLOT SCALE: 1/8"
PRINT DATE: 5/20/2024
FILE NAME: #WP-BP10-SLS54-SLS59.pln
FIRST ISSUE DATE: 03/08/24
PRINTED BY: Tawia
PRINT TIME: 13:23

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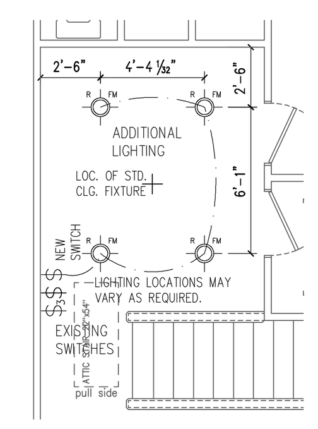
Sheet Title: Main Level Electrical Layout

Sheet: 6-2 of 17

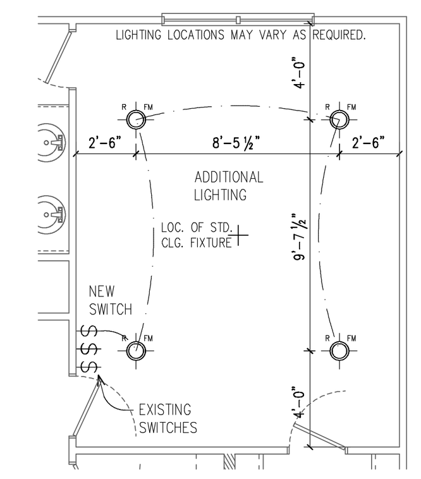
Drawn By: TD

ALL ELECTRICAL NOT SHOWN PER PLAN PAGES 6-2 & 6-3.



Opt. Loft Lighting

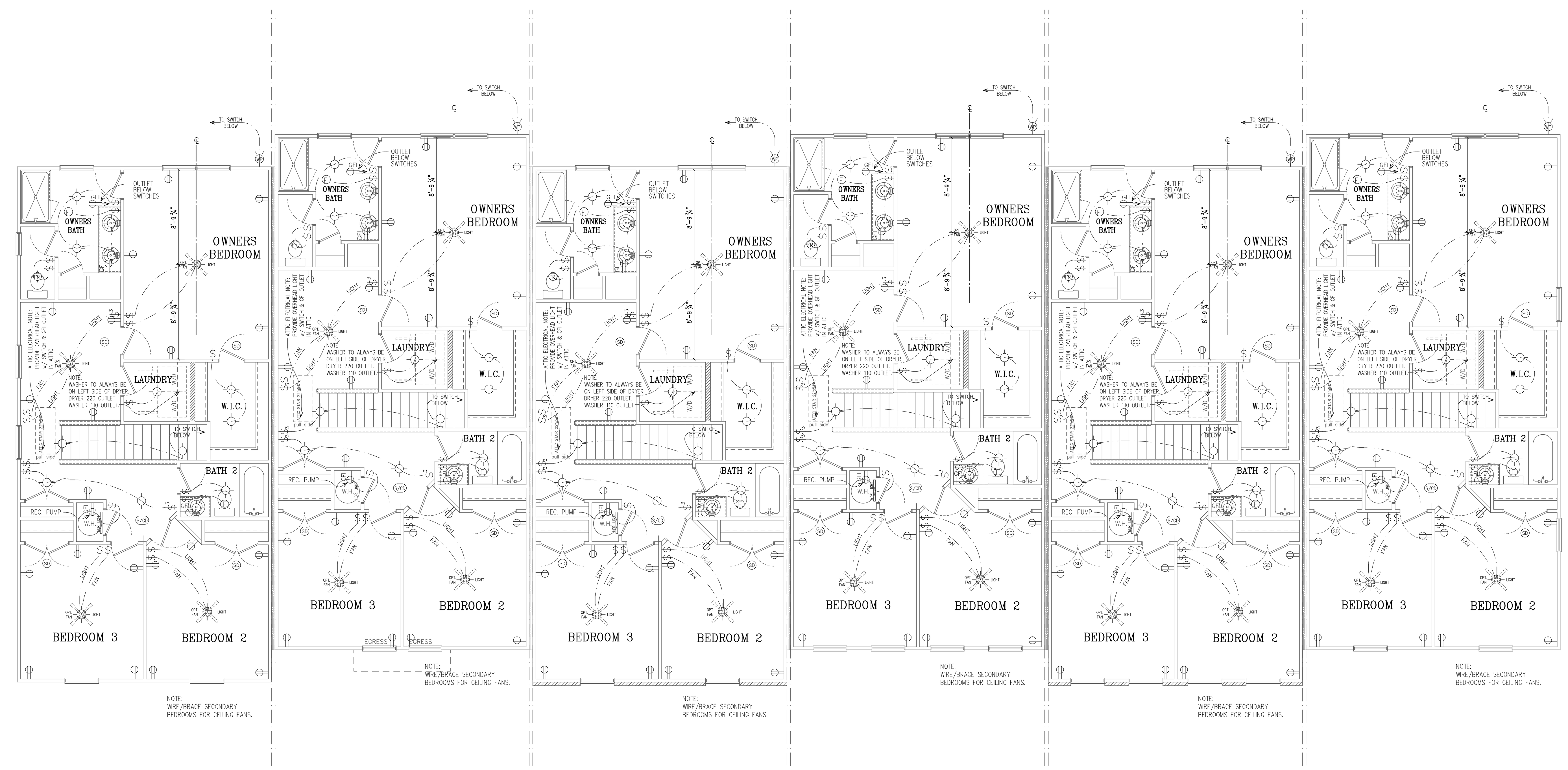
ALL ELECTRICAL NOT SHOWN PER PLAN PAGES 6-2 & 6-3.



Opt. Owners Suite Lighting

ELECTRICAL SYMBOL LEGEND

$	Switch		Flood Light	S/CD	Smoke/Carbon-dioxide Detector
$3	3-Way Switch		Weather Proof Flood Light	SD	Smoke Detector
$4	4-Way Switch		Wall Mounted Light	D	Garbage Disposal
$D	Dimmer Switch	HDR. LIGHT	Wall Mounted Header Light Abv. Door		Telephone Jack
	Ceiling Mounted Light		Recess Light/Exhaust Fan Combo	LOAD PANEL	Load Panel
	Flush Ceiling Mounted Light	F	Ceiling Mounted Exhaust Fan	T	Thermostat
	Vapor Proof Recessed Light		Ceiling Mounted Fan w/ Opt. Light	CH	Chimes
	Recessed Directional Light		Ceiling Mounted Light w/ Opt. Fan	TV	Cable/TV Outlet
1x4 FLUOR.	1x4 Fluorescent Light		110 Volt Duplex Outlet	IC	Inter Comm. Location
2x4 FLUOR.	2x4 Fluorescent Light	WP	Weather Proof 110 Volt Duplex Outlet		Ceiling Mount/Flush Speaker
	Trac Light, Power Bar	GFI	GFI - 110 Volt Duplex Outlet		Wall Mount/Flush Speaker
	Trac Light, Light Fixture		220 Volt Outlet	LVI	Security Low Voltage
	Pull Chain Light (Keyless)		Switched - 110 Volt Duplex Outlet	SEC	Security Panel
	Weather Proof Ceiling Mounted Light		Floor - 110 Volt Duplex Outlet		



Lot - 54
Brooks - A
Garage Door Left Side

Lot - 55
Brooks - D
Garage Door Left Side

Lot - 56
Brooks - J
Garage Door Left Side

Lot - 57
Brooks - C
Garage Door Left Side

Lot - 58
Brooks - H
Garage Door Left Side

Lot - 59
Brooks - A
Garage Door Left Side

Upper Level Electrical Layout

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

FIRST ISSUE DATE: 03/08/24

PLOT SCALE: 1/8" PRINTED BY: TDavis
PRINT DATE: 5/20/2024 PRINT TIME: 13:23
FILE: G:\AEC-dwg-Lib\MF\WP\WP_Bldg-10_Lots_54-59.aec

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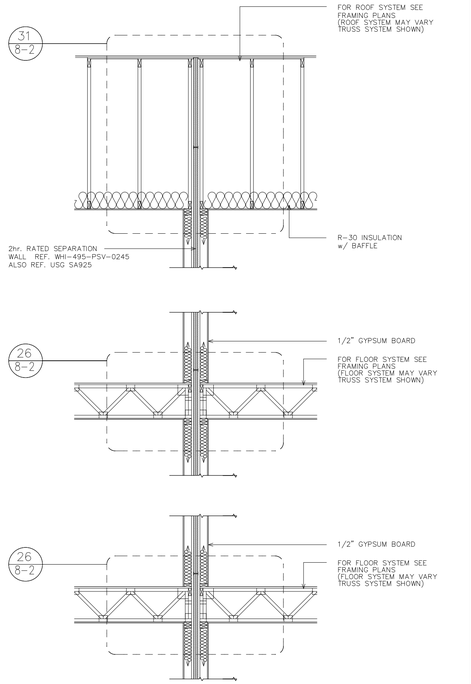
Sheet Title: Upper Level Electrical Layout

Sheet: 6-3 OF 17

Drawn By: TD

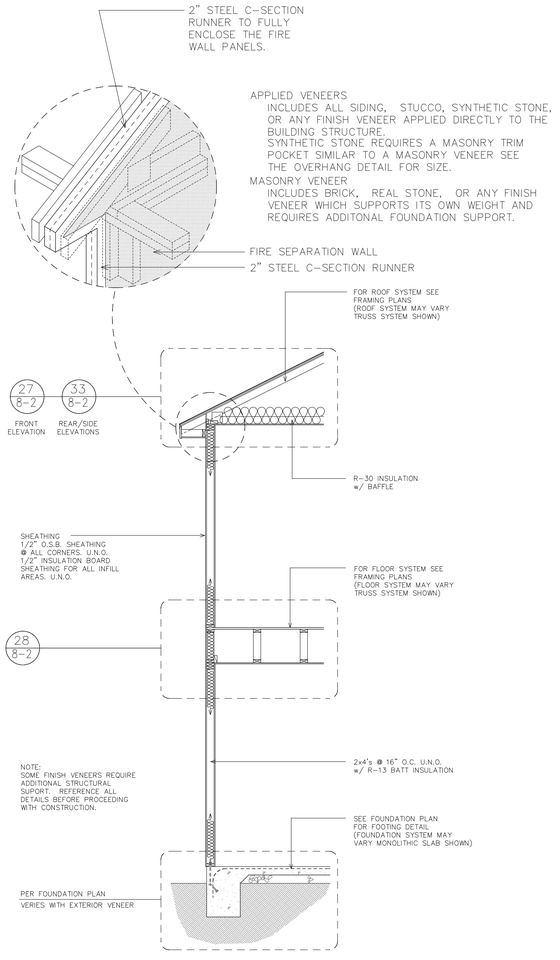
NOTE:
NO PENETRATIONS SHALL BE ALLOWED
IN 2hr. FIRE SEPARATION WALLS.



19 Typical wall section thru 2hr. fire wall
1/4" = 1'-0" @ interior unit partition

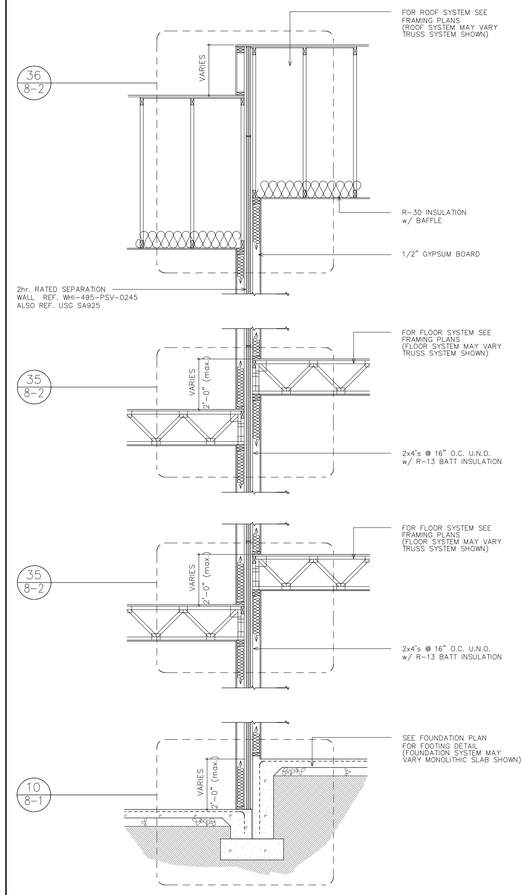
NOTE:
FIRE SEPARATION WALL TO EXTEND INTO EAVE AREA AS SHOWN.

FIRE SEPARATION WALL TO BE FLUSH WITH THE UNDER SIDE OF THE ROOF DECKING.

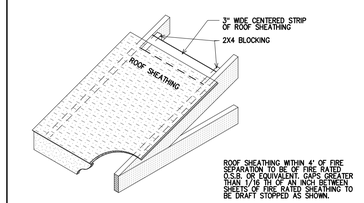


20 Typical wall section thru ext. wall w/ brick veneer
1/4" = 1'-0"

NOTE:
NO PENETRATIONS SHALL BE ALLOWED
IN 2hr. FIRE SEPARATION WALLS.



22 Typical wall section thru 2hr. fire wall
1/4" = 1'-0" @ interior unit partition w/ Vertical step



24 ROOF SHEATHING GAP DRAFT SEALING
NOT TO SCALE

6

12

18

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PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

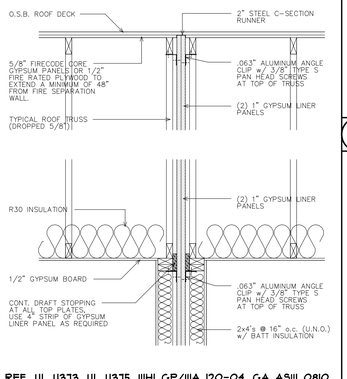
FIRST ISSUE DATE: 03/08/24
PLOT SCALE: 1/8"
PRINT DATE: 5/20/2024
FILE NAME: 495-SA925 WP WP-BP5-10-54-59.pln
PRINTED BY: TDavis
PRINT TIME: 13:23:

Designed for TRATON HOMES by

CALDWELL ◆ CLINE
ARCHITECTS ◇ DESIGNERS
222 Crescent Circle - Marietta, GA 30064
Phone 770-424-3882 - Fax 770-424-2377
www.caldwellcline.com

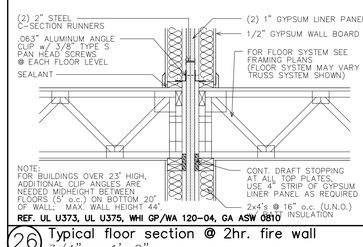
NOTE:
AS REQUIRED BY CODE, 5/8" FIRECODE CORE GYPSUM PANELS MAY BE USED AS UNDERLAYMENT TO THE UNTREATED ROOF SHEATHING OR FIRE RATED SHEATHING. PANELS TO EXTEND 4' ON BOTH SIDES OF AREA SEPARATION WALL.

WHEN USING FIRE RATED SHEATHING OR EQUIVALENT. GAPS GREATER THAN 1/16 TH OF AN INCH BETWEEN SHEETS OF FIRE RATED SHEATHING TO BE DRAFT STOPPED ON UNDER SIDE OF ROOF USING FIRE RATED SHEATHING AND 2x FRAMING MATERIAL.



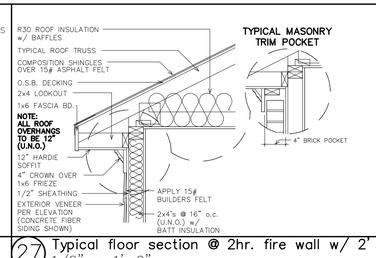
REF. UL U373, UL U375, WHI GP/WA 120-04, GA ASW 0810

31 Typical roof section @ 2hr. fire wall
3/4" = 1'-0"

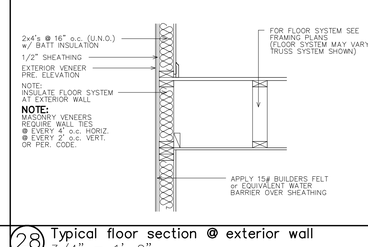


REF. UL U373, UL U375, WHI GP/WA 120-04, GA ASW 0810

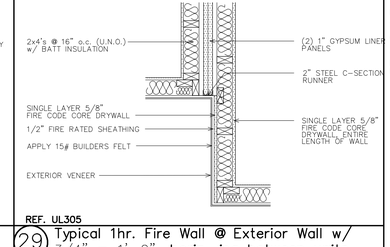
26 Typical floor section @ 2hr. fire wall
3/4" = 1'-0"



27 Typical floor section @ 2hr. fire wall w/ 2'
1/2" = 1'-0"



28 Typical floor section @ exterior wall
3/4" = 1'-0"



REF. UL305

29 Typical 1hr. Fire Wall @ Exterior Wall w/
3/4" = 1'-0" horiz. jog between units

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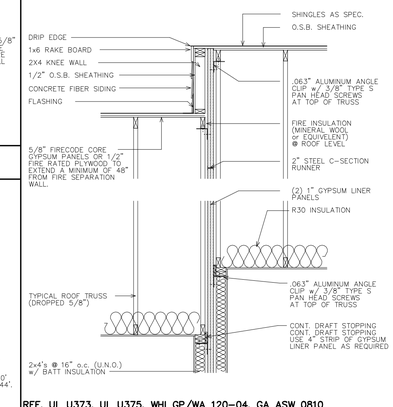
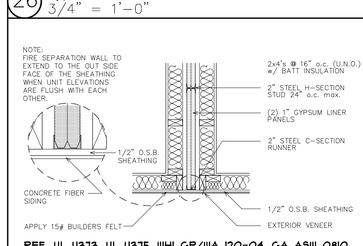
AS REQUIRED BY CODE, 5/8" FIRECODE CORE GYPSUM PANELS MAY BE USED AS UNDERLAYMENT TO THE UNTREATED ROOF SHEATHING OR FIRE RATED SHEATHING. PANELS TO EXTEND 4' ON BOTH SIDES OF AREA SEPARATION WALL.

WHEN USING FIRE RATED SHEATHING OR EQUIVALENT. GAPS GREATER THAN 1/16 TH OF AN INCH BETWEEN SHEETS OF FIRE RATED SHEATHING TO BE DRAFT STOPPED ON UNDER SIDE OF ROOF USING FIRE RATED SHEATHING AND 2x FRAMING MATERIAL.



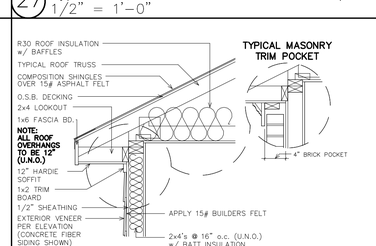
REF. UL U373, UL U375, WHI GP/WA 120-04, GA ASW 0810

36 Typical roof section @ 2hr. fire wall
1/2" = 1'-0" w/ vertical step

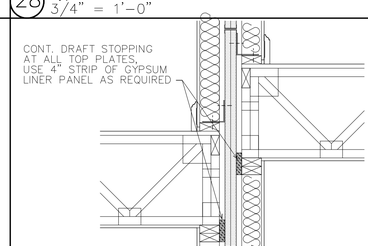


REF. UL U373, UL U375, WHI GP/WA 120-04, GA ASW 0810

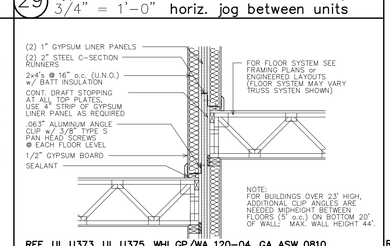
32 Typical 2hr. fire wall section @ exterior wall
3/4" = 1'-0"



33 Typical roof overhang @ side/rear ext. wall
3/4" = 1'-0"



34 Typical draft stopping @ double top plate
1" = 1'-0"



REF. UL U373, UL U375, WHI GP/WA 120-04, GA ASW 0810

35 Typical floor section @ 2hr. fire wall w/
1/2" = 1'-0" vertical step

Traton Homes
720 Kennesaw Avenue
Marietta, GA 30060
Phone: (770) 427-9064
Fax: (770) 427-2714

Revisions		
	1	
	2	
	3	
	4	

ISSUED FOR CONSTRUCTION

Sheet Title: Fire Separation Details

Sheet: 7-2 OF 17

Drawn By: TD

UL Product iQ™

BXUV.U373 - Fire-resistance Ratings - ANSI/UL 263

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

Fire-resistance Ratings - ANSI/UL 263

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

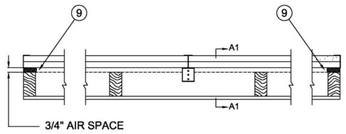
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

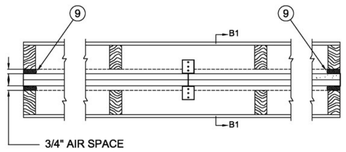
Design No. **U373**

February 16, 2022

Nonbearing Wall Rating - 2 Hr (Area Separation Wall, See items 1, 2 and 3)
Bearing Wall Rating 2 Hr (Protected Wall, See Items 4, 4A and 4B)
Nonbearing Wall Rating 2 Hr (Protected Wall, See Item 4B)
Finish Rating - 120 Min (See Item 4)
*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



CONFIGURATION A
EXPOSED TO FIRE FROM AREA SEPARATION WALL ONLY



CONFIGURATION B
EXPOSED TO FIRE FROM EITHER SIDE

shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC. Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications. Top and bottom tracks shall consist of steel members, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, that provide a sound structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. O.C. Studs cross-braced with stud framing at midheight where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall. Finish rating has not been evaluated for Steel Studs.

4B. **Steel Studs —** (As an alternate to Items 4 and 4A, for use in Configuration B only, not shown) — For 2 Hr. Nonbearing Wall Rating - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min 3-1/2 in. wide, min 1-1/4 in. flanges and 1/4 in. return, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. Top and bottom tracks shall be channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max. Studs cross-braced with stud framing at midheight where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall. Finish rating has not been evaluated for Steel Studs.

5. **Gypsum Board —** Classified or Unclassified - Min 1/2 in thick, 4 ft wide, applied either horizontally or vertically. Wallboard attached to wood studs (Item 4) with 1-1/4 in. long steel drywall nails spaced 12 in. OC. Wallboard attached to steel studs (Item 4A or 4B) with 1 in. long Type S steel screws spaced 12 in. OC. Vertical joints located over studs. (Optional) Joints covered with paper tape and joint compound. Nail or screw heads covered with joint compound.

5A. **Plywood Sheathing or OSB —** (Not shown) — As an alternate to Item 5, Nominal 1/2 in. thick or greater plywood or OSB applied horizontally or vertically to wood or steel studs. Vertical joints located over studs. Horizontal joints shall be butted tight to form a closed joint. Fastened to studs with nails or screws of sufficient length, spaced 12 in. OC. Joints and fastener heads are not required to be treated. Aluminum clips shall be spaced as described in Item 6.

6. **Attachment Clips —** Aluminum angle, 0.062 in. thick, min 2 in. wide with min 2 in. and 2-1/2 in. legs. Clips secured with minimum one Type S screw 3/8 in. long to "H" studs and with minimum one Type W screw 1-1/4 in. long to wood framing or steel framing through holes provided in clip. Clips spaced a max of 10 ft OC vertically between wood or steel framing and "H" studs for separation walls up to 23 ft high. For separation walls up to 44 ft high, clips spaced as described above for the upper 24 ft. and the remaining wall area below requires clips spaced a max 5 ft OC vertically between wood or steel framing and "H" studs.

7. **Batts and Blankets* —** (Optional, not shown) — Placed in stud cavities, any glass fiber or mineral wool insulation, max 3.0 pcf density, bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies. Min 3/4 in. separation between insulation and area separation wall.

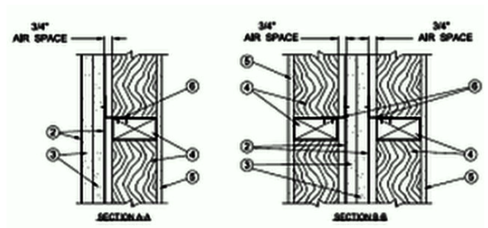
8. **Plywood Sheathing or OSB —** (Optional) — Min 1/2 in. thick plywood or OSB applied horizontally or vertically to "H" studs on area separation wall side of Configuration A. Vertical joints located over studs. Fastened to "H" studs with screws of sufficient length, spaced a maximum of 12 in. OC.

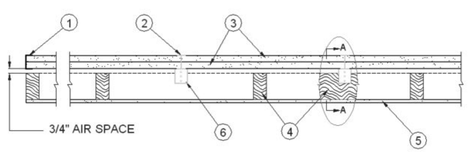
9. **Caulking and Sealants* —** (Optional - Intended for use as an air barrier - Not evaluated as fireblocking) - A bead of sealant applied around the partition perimeter in the 3/4 in. air space between wood framing (Item 4) and shaftliner panels (Item 3) to create an air barrier.
DUPONT DE NEMOURS, INC. — Great Stuff Gaps & Cracks, Great Stuff Pro Gaps & Cracks, Great Stuff Pro Window & Door

ICP ADHESIVES & SEALANTS INC — Fireblock, Window & Door, Insulating Foam Sealant, Multi-Purpose, HC Sealants, Black Foam Sealant, Extreme, Window & Door Extreme, Fast Foam, Gun Foam, and Straw Foam

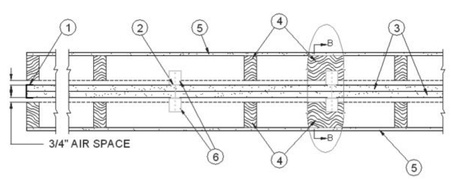
*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2022-02-16

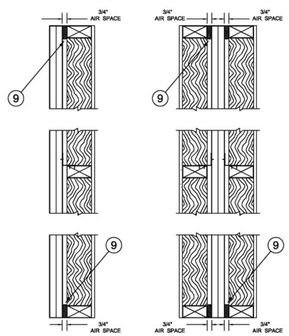




CONFIGURATION A
EXPOSED TO FIRE FROM AREA SEPARATION WALL SIDE ONLY



CONFIGURATION B
EXPOSED TO FIRE FROM EITHER SIDE



SECTION A1-A1 SECTION B1-B1

AREA SEPARATION WALL: — (Nonbearing, Max Height - 44 ft)

1. **Floor, Intermediate or Top Wall —** 2-3/16 in. wide channel shaped with 1 in. long legs formed from No. 25 MSG galv steel, secured with suitable fasteners spaced 24 in. OC.

2. **Steel Studs —** Steel members formed from No. 25 MSG galv steel having "H" - shaped flanges spaced 24 in. OC; overall depth 2-1/8 in. and flange width 1-1/2 in.

3. **Gypsum Board* —** Two layers of 1 in. thick gypsum wallboard liner panels, supplied in nom 24 in. widths. Vertical edges of panels friction fitted into "H" - shaped studs.
GEORGIA-PACIFIC GYPSUM L L C — Types TRSL, DGUSL

PROTECTED WALL: (Bearing or Nonbearing Wall, as indicated in Items 4, 4A and 4B. When Bearing, Load Restricted for Canadian Applications — See Guide BXUV7.)

4. **Wood Studs —** For 2 Hr. Bearing or Nonbearing Wall Rating - Nom 2 by 4 in., max spacing 24 in. OC. Studs cross-braced at midheight where necessary for clip attachment. Min 3/4 in. separation between wood framing and area separation wall. Finish rating evaluated for wood studs only.

4A. **Steel Studs —** (As an alternate to Item 4, not shown) — For 2 Hr. Bearing Wall Rating - Corrosion protected steel studs, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min 3-1/2 in. wide, min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, cold formed, shall be designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and

UL DESIGN U373 REFERENCE

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PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

PLOT SCALE: 1/8"
PRINT DATE: 5/20/2024
FILE NAME: 24-0444 WP-BP-Bldg 10 Lots 54-59.pln

FIRST ISSUE DATE: 03/08/24
PRINTED BY: TDavis
PRINT TIME: 13:23:

Designed for TRATON HOMES by

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ARCHITECTS ◇ DESIGNERS
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720 Kennesaw Avenue
Marietta, GA 30060
Phone: (770) 427-9064
Fax: (770) 427-2714

Revisions
1
2
3
4

ISSUED FOR CONSTRUCTION

Sheet Title: Fire Separation Reference

Sheet: 7-3 of 17

Drawn By: TD

THROUGH-PENETRATION FIRESTOP SYSTEM

Assembly Usage Disclaimer

XHEZ - Through-penetration Firestop Systems

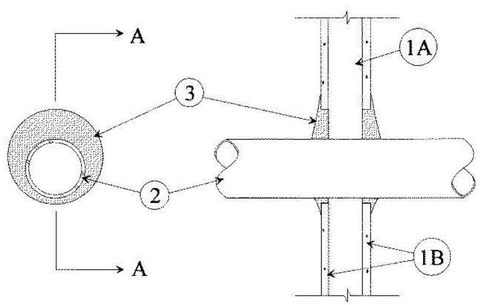
See General Information for Through-penetration Firestop Systems

System No. W-L-1087

February 19, 1997

F Rating — 1 Hr

T Ratings — 0 and 1 Hr (See Item 2)



SECTION A-A

1. **Wall Assembly** — The fire rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be a min 2-1/2 in. wide and spaced max 24 in. OC.

B. **Gypsum Board*** — The gypsum wallboard type, thickness (min 5/8 in.), number of layers, and orientation shall be as specified in the individual Wall and Partition Design. Max diam of opening is 7 in.

2. **Through-Penetrants** — One metallic pipe, conduit, or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe, conduit, or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. **Steel Pipe** — Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe. The annular space shall be a min 1/4 in. to max 1-1/4 in. When steel pipe is used, T Rating is 0 hr.

B. **Conduit** — Nom 4 in. diam or smaller steel electrical metallic tubing or steel conduit. The annular space shall be a min 1/4 in. to max 1-1/4 in. When conduit is 1/2 in. diam or less, T Rating is 1 hr.

C. **Copper Tubing** — Nom 4 in. diam (or smaller) Type M (or heavier) copper tubing. The annular space shall be a min 1/4 in. to max 1-1/4 in. When copper tubing is used, T Rating is 0 hr.

3. **Fill, Void or Cavity Material*** — Min 5/8 in. thickness of fill material applied within the annulus flush with both surfaces of the wall. Additional fill material installed such that a min 3/8 in. crown is formed around the penetrating item, overlapping min 1 in. onto the wallboard surface. Dry mix material mixed at a rate of 2.1 parts dry mix to 1 part water by weight in accordance with the accompanying installation instructions.
UNITED STATES GYPSUM CO — Type FC

3A. **Fill, Void or Cavity Material*** — Not Shown — Two component fill material used as an alternate to Item 3. Min 5/8 in. thickness of fill material applied within the annulus flush with both surfaces of the wall. Additional fill material installed such that a min 3/8 in. crown is formed around the penetrating item, overlapping min 1 in. onto the wallboard surface. Ready-mixed component mixed with accelerator component at a rate of 66 parts of ready-mixed component to 1 part of accelerator component by weight in accordance with the accompanying installation instructions.
UNITED STATES GYPSUM CO — Type RFC

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 1997-02-19

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UL SYSTEM NO. W-L-1087 REFERENCE

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

PLOT SCALE: 1/8"
PRINT DATE: 5/20/2024
FILE LOCATION: C:\Users\tdavis\Desktop\WIP\WIP-Bldg-10\PDS-54-59.dwg
FIRST ISSUE DATE: 03/08/24
PRINTED BY: TDavis
PRINT TIME: 13:23

Designed for TRATON HOMES by

CALDWELL • CLINE
ARCHITECTS ◇ DESIGNERS
222 Crescent Circle - Marietta, GA 30064
Phone 770-424-3822 - Fax 770-424-2377
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Revisions

1	
2	
3	
4	

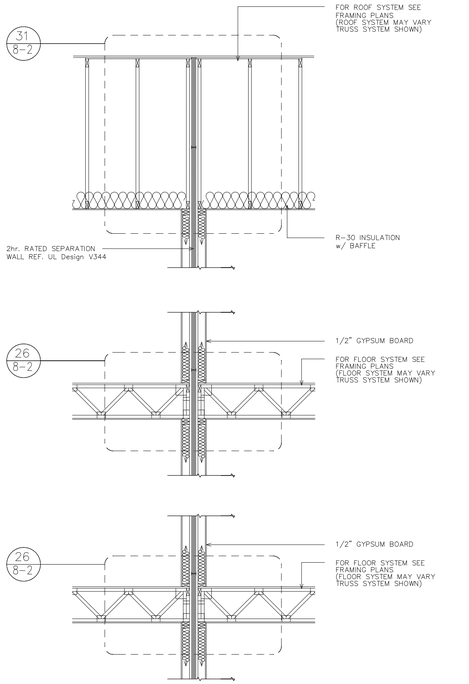
ISSUED FOR CONSTRUCTION

Sheet Title: Fire Separation Reference

Sheet: 8-1 of 17

Drawn By: TD

NOTE:
NO PENETRATIONS SHALL BE ALLOWED
IN 2hr. FIRE SEPARATION WALLS.

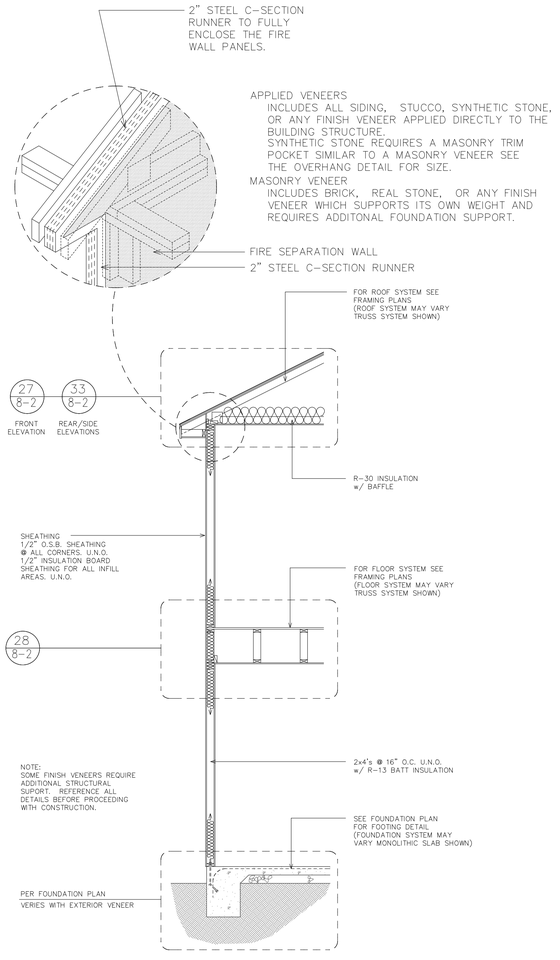


REF. UL V344

19 Typical wall section thru 2hr. fire wall
1/4" = 1'-0" @ interior unit partition

NOTE:
FIRE SEPARATION WALL TO EXTEND INTO EAVE AREA AS SHOWN.

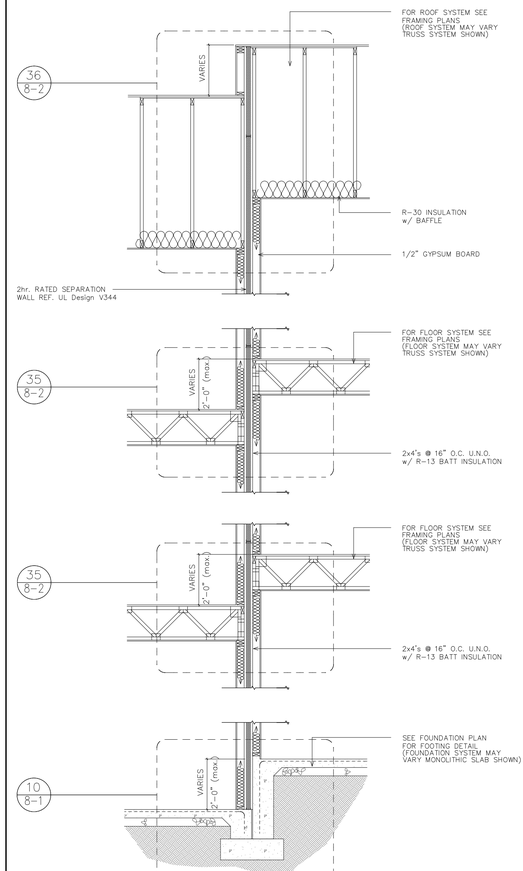
FIRE SEPARATION WALL TO BE FLUSH WITH THE UNDER SIDE OF THE ROOF DECKING.



REF. UL V344

20 Typical wall section thru ext. wall w/ brick veneer
1/4" = 1'-0"

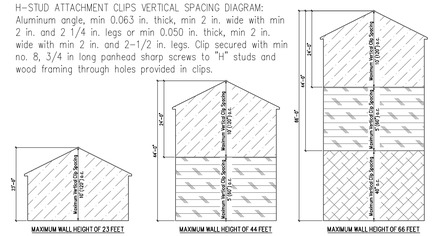
NOTE:
NO PENETRATIONS SHALL BE ALLOWED
IN 2hr. FIRE SEPARATION WALLS.



REF. UL V344

22 Typical wall section thru 2hr. fire wall
1/4" = 1'-0" @ interior unit partition w/ Vertical step

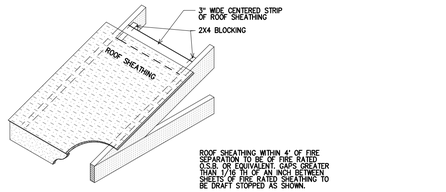
H-STUD ATTACHMENT CLIPS VERTICAL SPACING DIAGRAM:
Aluminum angle, min 0.063 in. thick, min 2 in. wide with min 2 in. and 2 1/4 in. legs or min 0.050 in. thick, min 2 in. wide with min 2 in. and 2-1/2 in. legs. Clip secured with min no. 8, 3/4 in long panhead sharp screws to "H" studs and wood framing through holes provided in clips.



6 H-STUD ATTACHMENT CLIPS VERTICAL SPACING DIAGRAM
Not to Scale

12

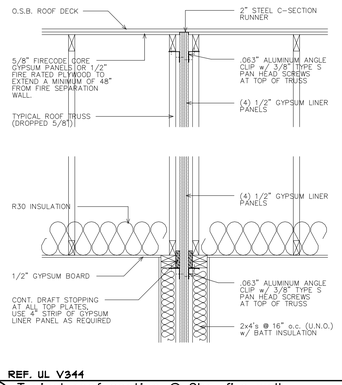
18



24 ROOF SHEATHING GAP DRAFT SEALING
NOT TO SCALE

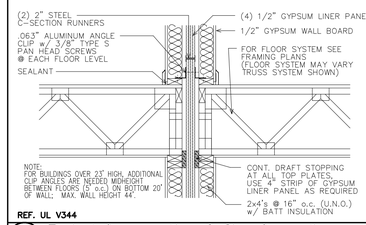
NOTE:
AS REQUIRED BY CODE, 5/8" FIRECODE CORE GYPSUM PANELS MAY BE USED AS UNDERLAYMENT TO THE UNTREATED ROOF SHEATHING OR FIRE RATED SHEATHING. PANELS TO EXTEND 4' ON BOTH SIDES OF AREA SEPARATION WALL.

WHEN USING FIRE RATED SHEATHING OR EQUIVALENT. CAPS GREATER THAN 1/16 TH OF AN INCH BETWEEN SHEETS OF FIRE RATED SHEATHING TO BE DRAFT STOPPED ON UNDER SIDE OF ROOF USING FIRE RATED SHEATHING AND 2x FRAMING MATERIAL.



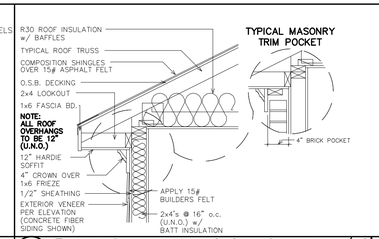
REF. UL V344

31 Typical roof section @ 2hr. fire wall
3/4" = 1'-0"

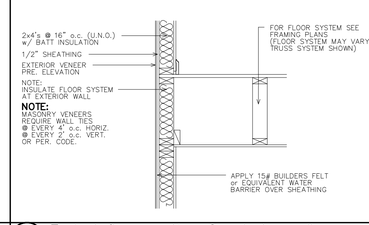


REF. UL V344

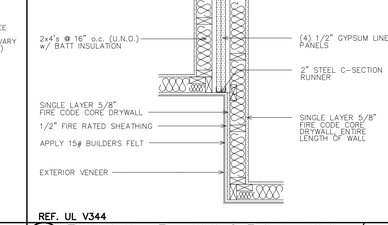
26 Typical floor section @ 2hr. fire wall
3/4" = 1'-0"



27 Typical floor section @ 2hr. fire wall w/ 2'
1/2" = 1'-0"



28 Typical floor section @ exterior wall
3/4" = 1'-0"

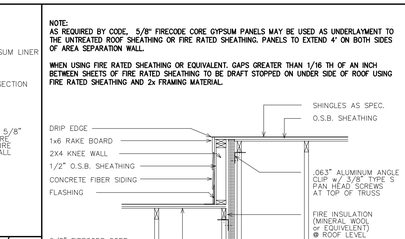


REF. UL V344

29 Typical 1hr. Fire Wall @ Exterior Wall w/
3/4" = 1'-0" horiz. jog between units

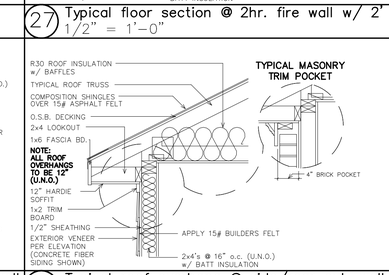
NOTE:
AS REQUIRED BY CODE, 5/8" FIRECODE CORE GYPSUM PANELS MAY BE USED AS UNDERLAYMENT TO THE UNTREATED ROOF SHEATHING OR FIRE RATED SHEATHING. PANELS TO EXTEND 4' ON BOTH SIDES OF AREA SEPARATION WALL.

WHEN USING FIRE RATED SHEATHING OR EQUIVALENT. CAPS GREATER THAN 1/16 TH OF AN INCH BETWEEN SHEETS OF FIRE RATED SHEATHING TO BE DRAFT STOPPED ON UNDER SIDE OF ROOF USING FIRE RATED SHEATHING AND 2x FRAMING MATERIAL.

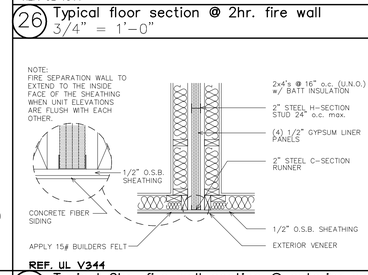


REF. UL V344

36 Typical roof section @ 2hr. fire wall
1/2" = 1'-0" w/ vertical step

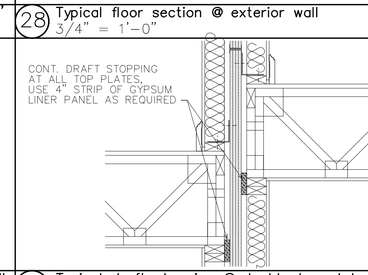


33 Typical roof overhang @ side/rear ext. wall
3/4" = 1'-0"

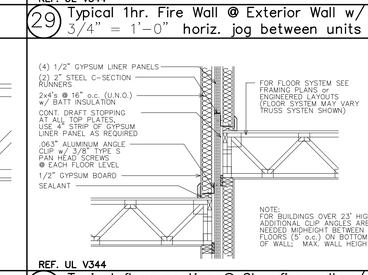


REF. UL V344

32 Typical 2hr. fire wall section @ exterior wall
3/4" = 1'-0"



34 Typical draft stopping @ double top plate
1" = 1'-0"



REF. UL V344

35 Typical floor section @ 2hr. fire wall w/
1/2" = 1'-0" vertical step

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

FIRST ISSUE DATE: 03/08/24
PRINT DATE: 5/20/2024
PRINT TIME: 3:23:23 PM
PLOT SCALE: 1/8"
PRINTED BY: Travis
W:_CAD_Projects\Traton Homes\54-59 West Park Place\Arch\54-59 West Park Place.pln

Designed for TRATON HOMES by

CALDWELL ◆ CLINE

ARCHITECTS ◇ DESIGNERS

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Phone: (770) 427-9064
Fax: (770) 427-2714

Revisions		
	1	
	2	
	3	
	4	

ISSUED FOR CONSTRUCTION

Sheet Title: Fire Separation Details

Sheet: 8-2 OF 17

Drawn By: TD

UL Product iQ™

BXUV.V344

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. **V344**

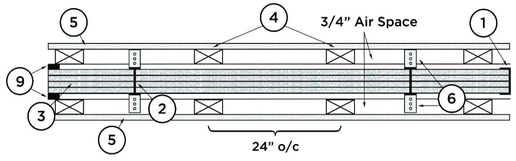
February 4, 2022

Nonbearing Wall Rating – 2-1/2 HR (Area Separation Firewall, See Items 1, 2 and 3)

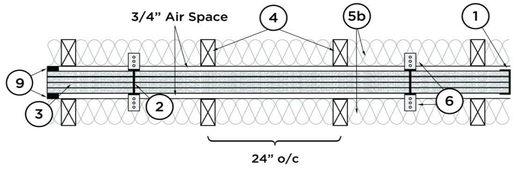
Bearing or Nonbearing Wall Rating 2-1/2 Hr (Protected Wall, See Items 4 and 5)

Finish Rating - (120 or150 min, see Items 5, 5A and 5B)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



Exposed to Fire from Either Side



Exposed to Fire from Either Side

AREA SEPARATION FIREWALL — (Max Height – 66 ft.)

1. **Perimeter and Intermediate Channels** — 2 in. wide channel shaped with 1 in. long legs formed from No. 25 MSG galv steel, secured with suitable fasteners spaced 24 in. OC.

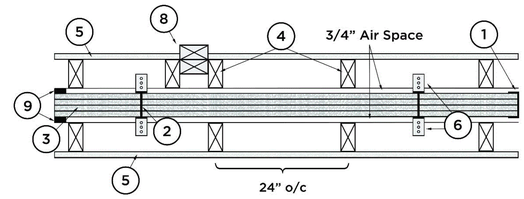
2. **Steel Studs** — Framing members formed from No. 25 MSG galv steel having "H" - shaped flanged spaced 48 in. . OC; overall depth 2 in. and flange width 1-3/8 in.

3. **Gypsum Board*** — Four pieces of 1/2 in. thick gypsum boards, supplied in nom 48 in. widths, full lengths. Vertical edges of panels friction fitted into "H" - shaped studs.

AMERICAN GYPSUM CO — Type EXCEL

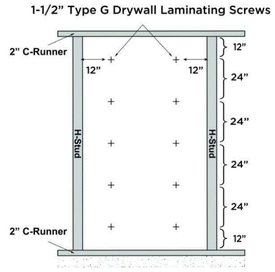
PROTECTED WALL: (Bearing or Nonbearing Wall as indicated under Items 4 and 5. When Bearing, Load Restricted for Canadian Applications — See Guide BXUV7.)

4. **Wood Studs** — Bearing or Nonbearing Wall. Nom 2 by 4 in. max spacing 24 in. OC. Studs oriented with 2 in. face parallel or perpendicular to gypsum board (Item No. 3). Studs cross-braced where necessary for clip attachment. Min 3/4 in. separation between wood framing and area separation firewall.

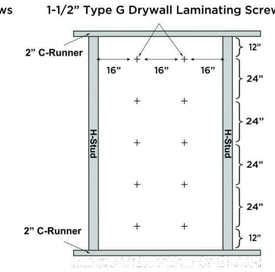


Exposed to Fire from Either Side

Side A



Side B



4A. **Steel Studs —** (As an alternate to Item 4, not shown) — For Bearing Wall - Corrosion protected steel studs, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min 3-1/2 in. wide, min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, cold formed, shall be designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC. Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications. Top and bottom tracks shall consist of steel members, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, that provide a sound structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. O.C. Studs cross-braced with stud. Min 3/4 in. separation between steel framing and area separation wall.

4B. **Steel Studs —** (As an alternate to Items 4 and 4A) - For Nonbearing Wall - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min 3-1/2 in. wide, min 1-1/4 in. flanges and 1/4 in. return, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. Top and bottom tracks shall be channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max. Studs cross-braced with stud framing at mid-height where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall.

4C. **Framing Members* — Steel Studs —** (As an alternate to Item 4, 4A, and 4B) - For Nonbearing Wall. Proprietary channel shaped studs, 3-5/8 in. wide spaced a max of 24 in. OC. Studs supplied with proprietary top and bottom tracks, min width to accommodate stud size, attached to floor and ceiling with fasteners 24 in. OC max. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. Studs cross-braced with stud framing at mid-height where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25 ™

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

CRACO MFG INC — SmartStud25™

IMPERIAL MANUFACTURING GROUP - Viper25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

STUDCO BUILDING SYSTEMS — CROCSTUD

5. **Gypsum Board —** Classified or Unclassified — Min 1/2 in thick, 4 ft wide, applied either horizontally or vertically. Gypsum board attached to wood studs with 1-1/4 in. long steel drywall nails spaced 8 in. OC or 1 in. long Type W coarse thread steel screws spaced 12 in. OC. Joints may or may not be covered with paper tape and joint compound. Nail or screw heads may or may not be covered with joint compound. When minimum board weight is less than 1.3 lbs/ft2, Finish Rating is 120 min. When minimum board weight is 1.3 lbs/ft2 or greater, Finish Rating is 150 min.

5A. **Plywood Sheathing or OSB —** (Not Shown) — As an alternate to Item 5, Min 1/2 in. thick plywood or OSB applied horizontally or vertically to wood or steel studs. Vertical joints located over studs. Horizontal joints shall be butted tight to form a closed joint. Fastened to studs with nails or screws of sufficient length, spaced 12 in. OC. Joints and fastener heads are not required to be treated. Finish Rating is 120 min. When used in addition to Item 5 Finish Rating is 150 minutes.

5B **Batts and Blankets* —** As an alternate to Item 5. Glass fiber or mineral wool insulation, min. 3-1/2 in. thick, placed to completely fill the wood or steel stud cavities. See Batts and Blankets (BKNV) category in the Building Materials Directory and Batts and Blankets (BZJZ) category in the Fire Resistance Directory for name of Classified Companies. Min 3/4 in. separation between insulation and area separation wall. Finish Rating is 120 min. When used in addition to Item 5 Finish Rating is 150 minutes.

5C. **Loose Fill Material* —** (Optional) — To be used in addition to Items 5, 5A or 5B. Any loose fill material bearing the UL Classification Marking for Surface Burning Characteristics, placed to completely or partially fill the enclosed stud cavity in accordance with the application instructions supplied with the product. Min 3/4 in. separation between insulation and area separation wall.

5D. **Fiber, Sprayed* —** (Optional) —To be used in addition to Items 5, 5A or 5B. The spray applied cellulose fiber is applied with water to completely or partially fill the enclosed stud cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft^3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft^3, in accordance with the application instructions supplied with the product. Min 3/4 in. separation between insulation and area separation

U S GREENFIBER L L C — SANCTUARY, FRM, INS735, NS745 and INS750LD for use with wet or dry application. INS515LD, INS541LD, INS510LD, INS765LD and INS773LD are to be used for dry application only.

6. **Attachment Clips —** Aluminum angle, min. 0.063 in. thick, min 2 in. wide with min 2 in. and 2-1/4 in. legs or min. 0.050 in. thick, min. 2 in. wide with min 2 in. and 2-1/2 in. legs. Clips secured with min. No. 8, 3/4 in. long panhead sharp screws to "H" studs and wood framing through holes provided in clip.

23 ft. Height Limitation	Clip placement (Item 6) for separation firewalls up to 23 ft. high Start at roof line and space clips a max of 10 ft. OC vertically between wood or steel framing and "H" studs.
44 ft. Height Limitation	Clip placement (Item 6) for separation firewalls up to 44 ft high. For the upper 24 ft. of the wall system, space the clips 10 ft. OC, and then 5 ft. OC for the remainder of the wall below.
66 ft. Height Limitation	Clip placement (Item 6) for separation firewalls up to 66 ft high: For the upper 24 ft. of the wall system, space the clips 10 ft. OC. On the next 20 ft. below space the clips 5 ft. OC, and then 40 in. OC for the remainder of the wall.

7. **Laminating Screws —** Gypsum boards (Item 3) are secured to each other with 1-1/2 in. long Type G laminating screws from both sides of wall in between the H studs. On both sides of the wall rows spaced 24 in. OC with a maximum dimension of 12 in. from the top and bottom C-channels of the assembly. On one side of the wall each row contains 2 screws located 12 in. from each face of the H-studs. On the other side of the wall each row contains 2 screws located 16 in. from each face of the H-studs. Refer to Illustration.

8. **Non-Bearing Wall Partition Intersection —** (Optional) — For wood framing — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the wall.

9. **Caulking and Sealants* —** (Optional - Intended for use as an air barrier - Not evaluated as fire blocking) - A bead of sealant applied around the partition perimeter in the 3/4 in. air space between wood framing (Item 4) and gypsum board panels (Item 3) to create an air barrier.

DUPONT DE NEMOURS, INC. — Great Stuff Gaps & Cracks, Great Stuff Pro Gaps & Cracks, Great Stuff Pro Window & Door

ICP ADHESIVES & SEALANTS INC — Handi-Foam Fireblock, Handi-Foam Fireblock West, and Fast Foam Fireblock

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2022-02-04

UL DESIGN V344 REFERENCE

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

PLOT SCALE: 1/8"
PRINT DATE: 5/20/2024
FILE NAME: 24-054-WP-BP2-10-54-59.pln
PLOTTED BY: Dawa
PRINT TIME: 3:23
FIRST ISSUE DATE: 03/08/24

Designed for TRATON HOMES by

CALDWELL • CLINE
ARCHITECTS ◊ DESIGNERS
222 Crescent Circle – Marietta, GA 30064
Phone 770-424-3822 Fax 770-424-2377
www.caldwellcline.com

Traton Homes
720 Kennesaw Avenue
Marietta, GA 30060
Phone: (770) 427-9064
Fax: (770) 427-2714

Revisions

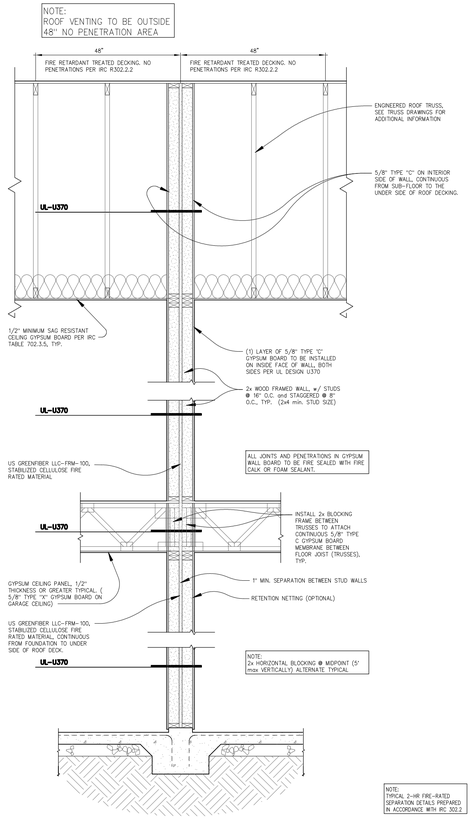
1		
2		
3		
4		

ISSUED FOR CONSTRUCTION

Sheet Title: Fire Separation Reference

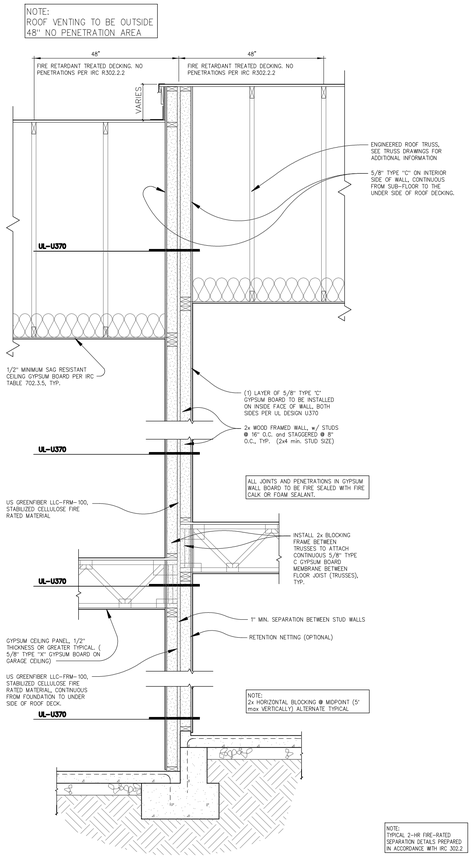
Sheet: 8-3 OF 17

Drawn By: TD



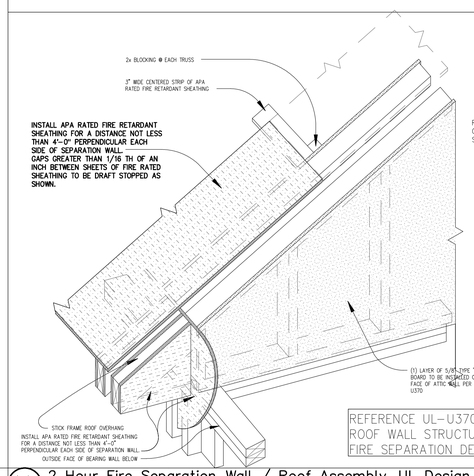
REFERENCE UL-U370 FOR VERTICAL WALL FIRE SEPARATION DESIGN.

9 2 Hour Fire Separation Walls Assembly, UL Design U370
SCALE: 1/2" = 1'-0"



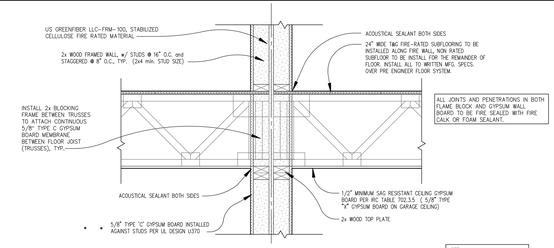
REFERENCE UL-U370 FOR VERTICAL WALL FIRE SEPARATION DESIGN.

10 2 Hour Fire Separation Walls Assembly, UL Design U370
SCALE: 1/2" = 1'-0"



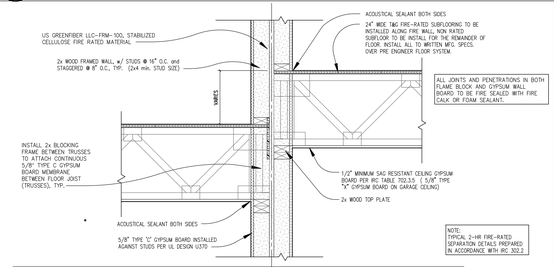
REFERENCE UL-U370 FOR ROOF WALL STRUCTURE FIRE SEPARATION DESIGN.

11 2 Hour Fire Separation Wall / Roof Assembly, UL Design U370
SCALE: 1" = 1'-0"



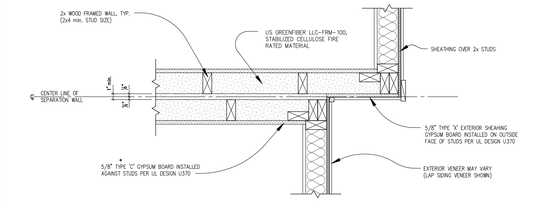
REFERENCE UL-U370 FOR FLOOR STRUCTURE FIRE SEPARATION DESIGN.

4 2 Hour Fire Separation Wall / Floor Assembly, UL Design U370
SCALE: 1" = 1'-0"



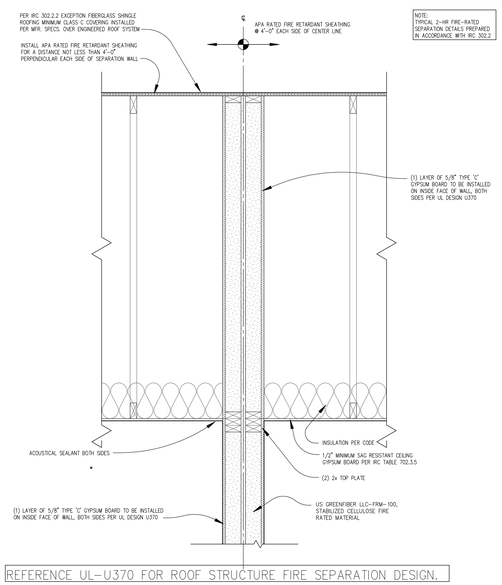
REFERENCE UL-U370 FOR FLOOR STRUCTURE FIRE SEPARATION DESIGN.

8 2 Hour Fire Separation Wall / Floor Assembly, UL Design U370
SCALE: 1" = 1'-0"



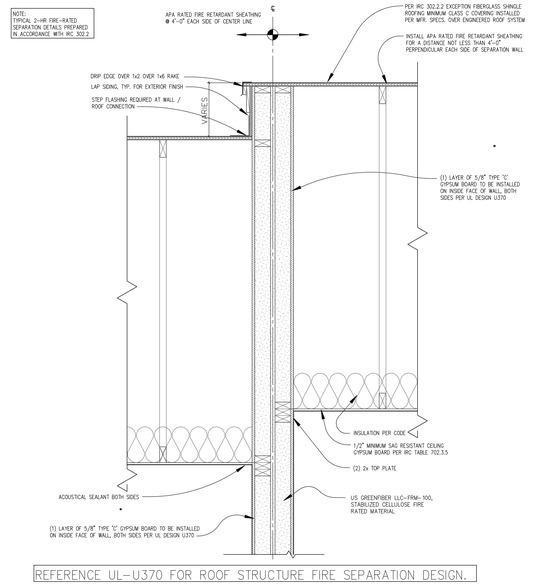
REFERENCE UL-U370 FOR VERTICAL WALL FIRE SEPARATION DESIGN.

12 2 Hour Fire Separation Walls Assembly, UL Design U370
SCALE: 1" = 1'-0" @ Jog in Exterior wall Connection



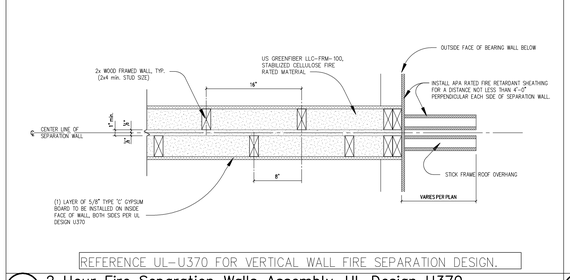
REFERENCE UL-U370 FOR ROOF STRUCTURE FIRE SEPARATION DESIGN.

17 2 Hour Fire Separation Wall / Roof Assembly, UL Design U370
SCALE: 3/4" = 1'-0"



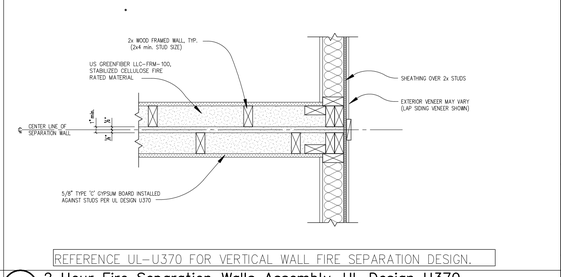
REFERENCE UL-U370 FOR ROOF STRUCTURE FIRE SEPARATION DESIGN.

18 2 Hour Fire Separation Wall / Roof Assembly, UL Design U370
SCALE: 3/4" = 1'-0"



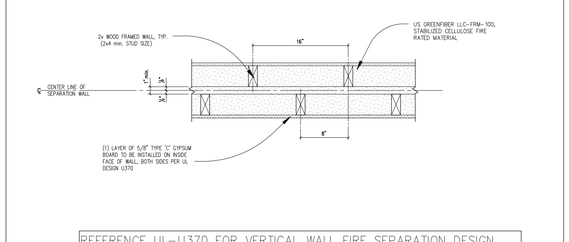
REFERENCE UL-U370 FOR VERTICAL WALL FIRE SEPARATION DESIGN.

15 2 Hour Fire Separation Walls Assembly, UL Design U370
SCALE: 1" = 1'-0"



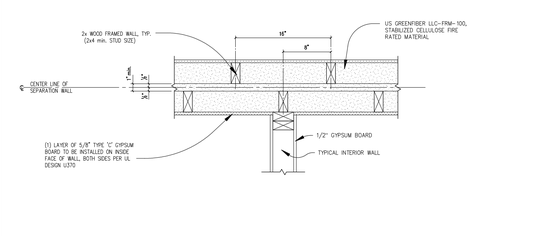
REFERENCE UL-U370 FOR VERTICAL WALL FIRE SEPARATION DESIGN.

16 2 Hour Fire Separation Walls Assembly, UL Design U370
SCALE: 1" = 1'-0" @ Flush Exterior wall Connection



REFERENCE UL-U370 FOR VERTICAL WALL FIRE SEPARATION DESIGN.

19 2 Hour Fire Separation Walls Assembly, UL Design U370
SCALE: 1" = 1'-0"



20 2 Hour Fire Separation Walls Assembly, UL Design U370
SCALE: 1" = 1'-0" @ Wall Intersection Connection

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

ISSUE DATE: 05/14/24

FIRST ISSUE DATE: 03/08/24
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Designed for TRATON HOMES by

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Revisions

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ISSUED FOR CONSTRUCTION

Sheet Title: Fire Separation Details

Sheet: 9-2 of 17

Drawn By: TD

ONLINE CERTIFICATIONS DIRECTORY

BXUV.U370
Fire Resistance Ratings - ANSI/UL 263

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Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

Fire Resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - ANSI/UL 263

Design No. U370

June 06, 2009

System A

Bearing wall rating — 1-1/2, 2 Hr, or 3 Hr. (See Items 3 and 5)

Load Restricted for 2 Hr. Rating, 3 Hr. Rating — See Items 3 and 5

System B

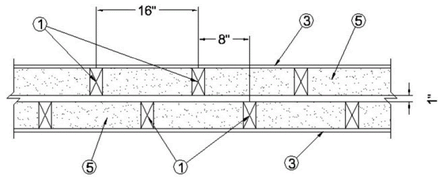
Bearing wall rating — 2 Hr

Load Restricted for 2 Hr. Rating — See Items 3 and 5

Finish Rating — 21 Minutes

Load Restricted for Canadian Applications — See Guide BXUV7

System A



To form chase cavities, two layers of 5/8 in. thick gypsum wallboard, with tapered edges removed, applied vertically to the interior face of wood studs (between the 2-1/4 in. spacing as specified in Item 1A). The base layer of wallboard attached with 1-7/8 in. long, 5/16 in. dia. head, 3/16 in. shank dia. nails spaced 7 in. OC. to wood studs and bearing plates. The face layer of wallboard attached with 1-7/8 in. long, 5/16 in. dia. head, 3/16 in. shank dia. nails spaced 7 in. OC. to wood studs and bearing plates with 3-1/2 in. offset from base layer. 3-1/2 in. wide strips attached to the side of the studs along the perimeter of the chase cavities. Strips were secured to the wood studs with 1-7/8 in. long nails spaced a maximum 8 in. OC. Maximum, 2 chase cavities per 10 ft. span on each face of the wall, chase cavities spaced a minimum 32 in. from each other and staggered a minimum 24 in. from chase cavities located on the opposite side. **To enclose assembly**, one layer of 4 ft. wide, 5/8 in. thick gypsum wallboard, applied vertically to the exterior face of wood studs. Gypsum wallboard attached with 1-7/8 in. long, 5/16 in. dia. head, 3/16 in. shank dia. nails spaced 7 in. OC. with screws starting 1/2 in. from board edge, to wood studs and bearing plates. Load restricted to 75% of the design load. Finish Rating is 21 minutes.

UNITED STATES GYPSUM CO — Type C

4. **Joints and Screwheads —** (Not shown) — Wallboard joints taped and both joints and nailheads covered with joint compound.

5. **Fiber, Sprayed* —**

System A

Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed 8 in. cavity in accordance with the application instructions supplied with the product. The nominal dry density and percent of design load for the 1-1/2 hr, 2 hr, and 3 hr ratings are as follows:

Rating	Nominal Dry Density	% of Design Load
1-1/2 Hr	2.60 lb/ft^3	100
2 Hr	3.35 lb/ft^3	75
3 Hr	3.89 lb/ft^3	75

U S GREENFIBER L L C — FRM (Fire Rated Material)

System B

Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed 8 in. cavity in accordance with the application instructions supplied with the product. The nominal dry density and percent of design load for the 2 hr rating are as follows:

Rating	Nominal Dry Density	% of Design Load
2 Hr	3.14 lb/ft3	75

U S GREENFIBER L L C — FRM (Fire Rated Material)

6. **Mesh Netting —** (Not shown) - Any thin, woven or non-woven fibrous netting material attached with staples to the outer face of one row of studs to facilitate the installation of the sprayed fiber from the opposite row.

7. **Oriented Strand Board or OSB —**

System A

(Optional) — Minimum 1/4 in. thick OSB panels applied vertically or horizontally to either interior side of wood studs (between the stud rows). A minimum 1 in. clearance must be maintained between stud rows. Joints located over the wood studs. OSB panels fastened to the wood studs with 6d nails at a maximum of 6 in. OC. at the perimeter and 12 in. OC. at the field.

8. **Non-Metallic Plumbing Components —**

System B

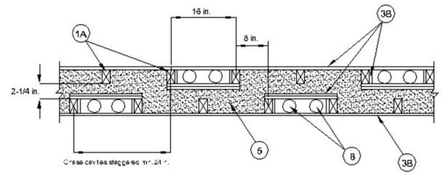
Maximum two, 2 in. diameter Schedule 40 PVC pipe. The PVC pipe may be connected to a maximum quantity of 2 PVC tees. The PVC pipe and tees must not penetrate the wood studs or gypsum wallboard.

*Bearing the UL Classification Mark

Last Updated on 2009-06-06

Questions? Notice of Disclaimer Page Top

System B



1. **Wood Studs —**

System A

Double row of nominal 2 x 4 in. studs, spaced 16 in. OC and cross-braced at mid-height. Opposite rows spaced 1 in. apart, staggered 8 in. OC and joined at the top and bottom with bearing plates.

System B

Double row of nominal 2 x 4 in. studs, spaced 16 in. OC and cross-braced at mid-height, except in the chase cavities. Opposite rows spaced 2-1/4 in. apart, staggered 8 in. OC and joined at the top and bottom with bearing plates.

2. **Bearing Plates —** (not shown) Nominal 2 x 4 in. Two layers on top and one layer on bottom for each row of studs.

3. **Wallboard, Gypsum* —**

System A (For 1-1/2 and 2 Hr. Ratings)

4 ft wide, gypsum wallboard applied horizontally (backed by 2 x 4 in. wood framing) or vertically and nailed to studs and bearing plates 7 in. OC with 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diameter and 1/4 in. diameter head. When gypsum board is applied vertically, joints to be centered over studs. When gypsum board is applied horizontally, vertical butt joints to be centered over the studs and horizontal joints to be backed by 2 x 4 in. wood framing. As an alternative, No. 6 bugle head drywall screws, 1-7/8 in. long may be substituted for the 6d cement coated nails. The thickness and number of layers and percent of design load for the 1-1/2 hr and 2 hr ratings are as follows:

Wallboard Protection on Each Side of Wall

Rating	No. of Layers & Thkns of Panel	% of Design Load
1-1/2 Hr	1 layer, 5/8 in. thick	100
2 Hr	1 layer, 5/8 in. thick	75

AMERICAN GYPSUM CO — Type AG-C

TEMPLE-INLAND FOREST PRODUCTS CORP — Type TG-C

UNITED STATES GYPSUM CO — Type C

System A (For 3 Hr. Rating)

4 ft wide gypsum wallboard applied vertically, with the first layer of gypsum board attached with 6d cement coated nails spaced 10 in. OC., and the second layer of gypsum board attached with 8d nails spaced 7 in. OC. 1st and 2nd layer vertical joints are to be spaced at a maximum of 24 in.

Wallboard Protection on Each Side of Wall

Rating	No. of Layers & Thkns of Panel	% of Design Load
3 Hr	2 layers, 5/8 in. thick	75

UNITED STATES GYPSUM CO — Type C

System B (For 2 Hr. Rating)

FROM UL-FIRE RESISTANCE RATINGS - ANSI / UL 263-APPLIES TO UL-U370:

5. NONMETALLIC ELECTRICAL OUTLET BOXES

OUTLET BOXES AND FITTINGS CLASSIFIED FOR FIRE RESISTANCE (CEYY) INCLUDES CLASSIFICATIONS FOR NONMETALLIC OUTLET AND SWITCH BOXES FOR USE IN WALL OR PARTITION ASSEMBLIES. THE NFORMATION PROVIDED FOR EACH CLASSIFICATION INCLUDES THE MODEL NUMBERS FOR THE CLASSIFIED PRODUCTS, A DESCRIPTION OF THE RATED ASSEMBLIES, THE SPACING LIMITATIONS FOR THE BOXES AND THE INSTALLATION DETAILS. NONMETALLIC BOXES SHOULD NOT BE INSTALLED ON OPPOSITE SIDES OF WALLS OR PARTITIONS OF STAGGERED STUD CONSTRUCTION UNLESS CLASSIFIED FOR USE IN SUCH CONSTRUCTIONS.

6. METALLIC ELECTRICAL OUTLET BOXES

LISTED METALLIC OUTLET BOXES WITH METALLIC OR NONMETALLIC COVER PLATES MAY BE USED IN FLOOR-CEILING AND ROOF-CEILING ASSEMBLIES WITH RATINGS NOT EXCEEDING 2 HOURS. THESE ASSEMBLIES SHOULD HAVE GYPSUM WALLBOARD MEMBRANES. THE METALLIC OUTLET BOXES SHOULD BE SECURELY FASTENED TO THE JOISTS AND THE OPENING IN THE WALLBOARD FACING SHOULD BE CUT SO THAT THE CLEARANCE BETWEEN THE BOX AND THE GYPSUM WALLBOARD DOES NOT EXCEED 1/8 IN. THE SURFACE AREA OF INDIVIDUAL BOXES SHOULD NOT EXCEED 16 SQ. IN. THE AGGREGATE SURFACE AREA OF THE BOXES SHOULD NOT EXCEED 100 SQ. IN. PER 100 SQ. FT OF CEILING SURFACE.

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UL DESIGN U370 REFERENCE

TRATON HOMES

PROJECT

West Park Place
Building 10, Lots 54-59
Powder Springs, Ga. 30127

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Designed for TRATON HOMES by

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Revisions

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Sheet Title: Fire Separation Reference

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