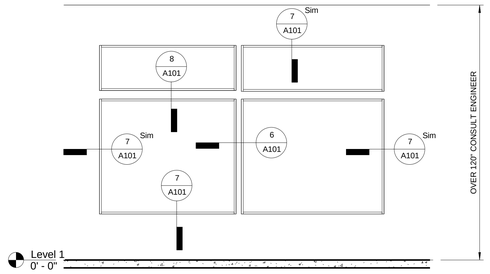
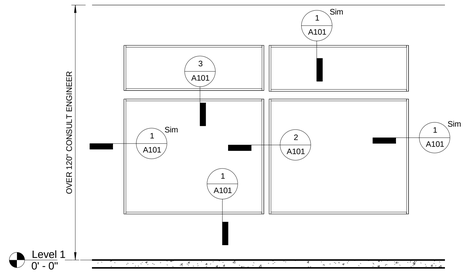
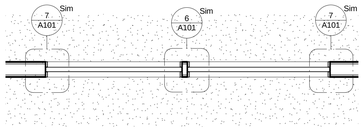


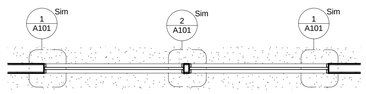
4 Front Elevation - 2HR
3/8" = 1'-0"



e2 Front Elevation - 1HR
3/8" = 1'-0"



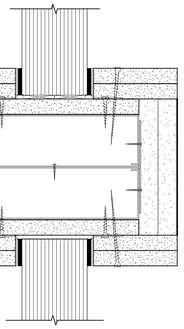
5 Plan - 2HR
3/8" = 1'-0"



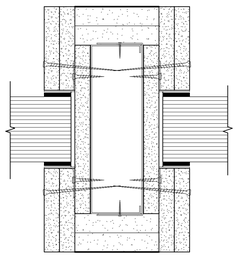
p2 Plan - 1HR
3/8" = 1'-0"

Panel Schedule					
Count	Family and Type	Width	Height	Area	Type Comments
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	2' - 9 1/2"	2' - 11 7/8"	8.35 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	2' - 9 1/2"	6' - 11 7/8"	19.51 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	3' - 2 1/4"	2' - 0 3/8"	6.47 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	3' - 2 1/4"	2' - 11 7/8"	9.53 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	3' - 2 1/4"	4' - 11 1/2"	15.80 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	3' - 9 5/8"	2' - 0 3/8"	7.72 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	3' - 9 5/8"	2' - 11 7/8"	11.37 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	3' - 9 5/8"	4' - 11 1/2"	18.85 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	3' - 11 7/8"	3' - 7 7/32"	14.37 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	3' - 11 7/8"	6' - 4 17/32"	25.45 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	4' - 2 1/4"	2' - 11 7/8"	12.52 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	4' - 2 1/4"	6' - 11 7/8"	29.27 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	6' - 0 1/2"	1' - 11 3/4"	11.96 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	6' - 0 1/2"	4' - 11 3/4"	30.08 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	6' - 0 11/16"	4' - 11 3/4"	30.16 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 60 Interior - 1"	6' - 0 3/4"	1' - 11 5/16"	11.78 SF	1" PYROBEL-60 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 120 Interior - 2 1/8"	5' - 11"	1' - 11 5/16"	11.49 SF	2 1/8" PYROBEL-120 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 120 Interior - 2 1/8"	5' - 11"	4' - 11 3/4"	29.46 SF	2 1/8" PYROBEL-120 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 120 Interior - 2 1/8"	6' - 2 3/16"	1' - 11 3/4"	12.24 SF	2 1/8" PYROBEL-120 FIRE RATED INTERIOR GLAZING
1	Pyrobel - Fire Rated Glazing - Panel: 120 Interior - 2 1/8"	6' - 2 3/16"	4' - 11 3/4"	30.79 SF	2 1/8" PYROBEL-120 FIRE RATED INTERIOR GLAZING
20				347.16 SF	

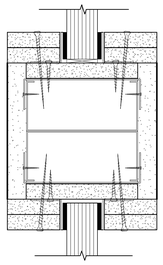
TEST STANDARDS
ASTM E - 119
NFPA-251
UL 263
CANADIAN 45-104



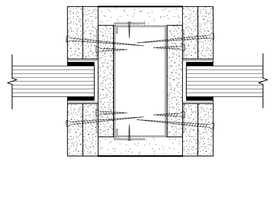
8 2HR - Head Stacked
6" = 1'-0"



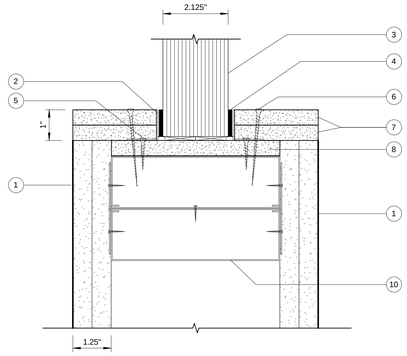
6 2HR - Vertical Joint
6" = 1'-0"



3 1HR - Head Stacked
6" = 1'-0"

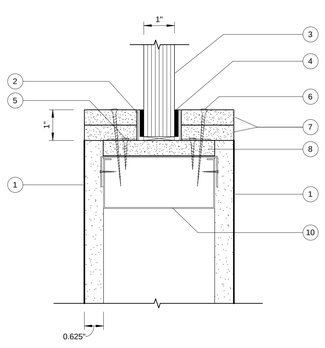


2 1HR - Vertical Joint
6" = 1'-0"



7 2HR - Sill / Head / Jumb
6" = 1'-0"

	QUICK-FRAME 2-HOUR WALL
#	DESCRIPTION
1	TWO LAYERS OF 5/8" [18.87 MM] THICK TYPE X OR TYPE C GYPSUM BOARD.
2	1" [25.4 MM] X 1" [25.4 MM] X 18 GAUGE [0.048"/1.21 MM] STEEL ANGLE STOPS [MUST BE CONTINUOUS].
3	NOMINAL 2" [50.84 MM] THICK PYROBEL 120-52 GLAZING PANEL.
4	1/8" [3 MM THICK] X 1/2" [12.7 MM] WIDE CLOSED CELL FOAM TAPE [APPLIED ON BOTH FACES].
5	NO.6, 1" [25.4 MM] LONG TEK SCREWS, 2" [50.8 MM] FROM EACH END AND 12" [404.8 MM] ON CENTER MAXIMUM.
6	2-1/2" [63.5 MM] LONG DRYWALL SCREWS, 2" [50.8 MM] FROM EACH END AND 8" [203.2 MM] ON CENTER MAXIMUM.
7	TWO LAYERS OF 1/2" [12.7 MM] THICK TYPE X OR TYPE C GYPSUM BOARD.
8	ONE LAYER OF 1/2" [12.7 MM] THICK TYPE X OR TYPE C GYPSUM BOARD.
9	3" [76.2 MM] LONG X 1" [25.4 MM] WIDE X 1/4" [6MM] HIGH CALCIUM SILICATE SETTING BLOCKS AT QUARTER POINTS BENEATH THE BOTTOM EDGE OF GLAZING.
10	NOMINAL 3-5/8" [90.07 MM] WIDE, 20 GAUGE [.032"/.8 MM MATERIAL THICKNESS] COLD ROLLED STEEL C STUDS AND TRACK.



1 1HR - Sill / Head / Jamb
6" = 1'-0"

	QUICK-FRAME 1-HOUR WALL
#	DESCRIPTION
1	ONE LAYER OF 5/8" [15.87 MM] THICK TYPE X OR TYPE C GYPSUM BOARD.
2	1" [25.4 MM] X 1" [25.4 MM] X 18 GAUGE [0.048"/1.21 MM] STEEL ANGLE STOPS [MUST BE CONTINUOUS].
3	NOMINAL 1" [25.4 MM] THICK PYROBEL 60-25 GLAZING PANEL.
4	1/8" [3 MM THICK] X 1/2" [12.7 MM] WIDE CLOSED CELL FOAM TAPE [APPLIED ON BOTH FACES].
5	NO.6, 1" [25.4 MM] LONG TEK SCREWS, 2" [50.8 MM] FROM EACH END AND 12" [404.8 MM] ON CENTER MAXIMUM.
6	2-1/2" [63.5 MM] LONG DRYWALL SCREWS, 2" [50.8 MM] FROM EACH END AND 8" [203.2 MM] ON CENTER MAXIMUM.
7	TWO LAYERS OF 1/2" [12.7 MM] THICK TYPE X OR TYPE C GYPSUM BOARD.
8	ONE LAYER OF 1/2" [12.7 MM] THICK TYPE X OR TYPE C GYPSUM BOARD.
9	3" [76.2 MM] LONG X 1" [25.4 MM] WIDE X 1/4" [6MM] HIGH CALCIUM SILICATE SETTING BLOCKS AT QUARTER POINTS BENEATH THE BOTTOM EDGE OF GLAZING.
10	NOMINAL 3-5/8" [90.07 MM] WIDE, 20 GAUGE [.032"/.8 MM MATERIAL THICKNESS] COLD ROLLED STEEL C STUDS AND TRACK.

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No.	Description	Date

Quick-Frame Wall Systems 1HR & 2HR

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

A101

Scale: As indicated

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