

FIRE SEPARATION COMPLIANCE ALTERNATIVES

C147	9.10.8.1; 9.10.8.3; 9.10.8.8	a) EXCEPT AS PROVIDED IN (b) AND (c), 30 min RATING IS ACCEPTABLE
C152	9.10.9.14.(1)(3); 9.10.9.15 (1)	b) IN A HOUSE, 15min HORIZONTAL FIRE SEPARATION IS ACCEPTABLE WHERE: i) SMOKE ALARMS ARE INSTALLED IN EVERY DWELLING UNIT AND IN COMMON AREAS IN CONFORMANCE WITH SUBSECTION 9.10.19, AND ii) SMOKE ALARMS ARE INTERCONNECTED. c) IN A HOUSE, THE FIRE RESISTANCE RATING OF THE FIRE SEPARATION IS WAIVED WHERE THE BUILDING IS SPRINKLERED

WINDOW SCHEDULE

NO.	QTY.	SIZE	TYPE	COMMENTS
W1	3	4'-0"x3'-6"	SLIDER	BEDROOM EGRESS
W2	2	4'-8"x3'-6"	SLIDER	BEDROOM EGRESS
W3	1	4'-8"x3'-6"	SLIDER	

DOOR SCHEDULE

NO.	QTY.	SIZE	TYPE	SWING	HARDWARE	COMMENTS
D1	1	2-34x83	GARDEN/ EXTERIOR	R.H./ L.H.	SECURITY, D.B.	EXISTING
D2	3	32x80	INTERIOR/ H.C.	R.H.	PRIVACY	EXISTING
D3	1	30x80	INTERIOR/ H.C.	BI-FOLD	CLOSET	EXISTING
D4	1	30x80	INTERIOR/ H.C.	R.H.	CLOSET	EXISTING
D5	1	30x80	INTERIOR/ H.C.	L.H.	PRIVACY	EXISTING

CONSTRUCTION ASSEMBLIES

- W1) PROPOSED FIRE SEPARATION (SIMILAR TO W1c SB-3)
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
2x4 STUDS @ 16" o/c
R14 ROCK-WOOL BATT INSULATION
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- W2) PROPOSED FIRE SEPARATION (SIMILAR TO W1c SB-3)
EXISTING 1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
EXISTING 2x4 STUDS @ 16" o/c
ADD: R14 ROCK-WOOL BATT INSULATION
ADD 1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- EW1) EXISTING INTERIOR PARTITION
ALL INTERIOR PORTIONS UNLESS OTHERWISE NOTED
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
2x4 STUDS @ 16" o/c
- EW2) EXISTING FOUNDATION WALL
11 3/8" CONCRETE MASONRY UNITS
2x4 WOOD STUDS @ 16" o/c
R14 FIBERGLASS BATT INSULATION
6mil POLYETHYLENE VAPOR BARRIER
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- EEW1) EXISTING FOUNDATION WALL
7 3/8" CONCRETE MASONRY UNITS
2x4 WOOD STUDS @ 16" o/c
R14 FIBERGLASS BATT INSULATION
6mil POLYETHYLENE VAPOR BARRIER
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- EEW2) EXISTING EXTERIOR WALL
3 3/8" BRICK
1" AIR SPACE
TY-PAR BUILDING WRAP
1 1/2" RIGID INSULATION
R22 FIBERGLASS BATT INSULATION
2x6 STUDS @ 16" o/c
6 mil POLYETHYLENE VAPOR BARRIER
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- EEW3) EXISTING EXTERIOR WALL
HORIZONTAL VINYL SIDING
TY-PAR BUILDING WRAP
1 1/2" RIGID INSULATION
R22 FIBERGLASS BATT INSULATION
2x6 STUDS @ 16" o/c
6 mil POLYETHYLENE VAPOR BARRIER
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- EBF) EXISTING BASEMENT FLOOR
4" 20mpa POURED CONCRETE FLOATING SLAB
c/w WELDED WIRE MESH REINFORCING ON 6mil POLYETHYLENE VAPOR BARRIER
- F1) EXISTING GROUND FLOOR ASSEMBLY
FINISHED FLOOR
T&G PLYWOOD FLOOR SHEATHING
9 1/2" PRE-ENGINEERED TRUSS JOISTS @ 16" o/c
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- F2) PROPOSED GROUND FLOOR ASSEMBLY
EXISTING FINISHED FLOOR
EXISTING T&G PLYWOOD FLOOR SHEATHING
EXISTING 9 1/2" PRE-ENGINEERED TRUSS JOISTS @ 16" o/c
ADD:
6" R20 ROCKWOOL BATT INSULATION
6mil POLYETHYLENE VAPOR BARRIER
3/8" RESILIENT CHANNEL @ 16" o/c
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- F3) PROPOSED GROUND FLOOR ASSEMBLY
EXISTING FINISHED FLOOR
EXISTING T&G PLYWOOD FLOOR SHEATHING
EXISTING 9 1/2" PRE-ENGINEERED TRUSS JOISTS @ 16" o/c
ADD:
6" R20 ROCKWOOL BATT INSULATION
3/8" RESILIENT CHANNEL @ 16" o/c
6 mil POLYETHYLENE VAPOR BARRIER
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
EXISTING WOOD FRAMED BULK HEAD
REMOVE EXISTING 1/2" GYPSUM BOARD AND REPLACE w/ NEW 1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED

EXISTING FIRE SEPERATIONS ARE PERMITTED TO HAVE A MINIMUM FFR OF 30MIN

NEW FIRE SEPERATIONS ARE REQUIRED TO HAVE A MINIMUM FFR OF 45MIN

NEWLY INSTALLED GYPSUM BOARD TO BE 5/8" TYPE X

LEGEND

- WX WINDOW TYPE
- D2 DOOR TYPE
- WX PROPOSED WALL TYPE
- SD EXISTING HARD WIRED AND INTEGRATED SMOKE DETECTOR c/w VISUAL AND AUDIO COMPONENT
- SD PROPOSED HARD WIRED AND INTEGRATED SMOKE DETECTOR c/w VISUAL AND AUDIO COMPONENT
- SUMP EXISTING SUMP PIT AND PUMP
- FURN EXISTING HIGH EFFICIENCY NATURAL GAS MULTI ZONE FORCED AIR FURNACE
- PD EXISTING MAIN PLUMBING DRAIN
- PROPOSED 45 min FIRE SEPARATION - SEE CONSTRUCTION ASSEMBLIES
- PROPOSED
- FD EXISTING FLOOR DRAIN

BASEMENT FLOOR PLAN - PROPOSED SECONDARY UNIT
1/4" = 1'-0"

1-A2

I, ROHIT WALIA DECLARE THAT I REVIEW AND TAKE RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF A FIRM REGISTERED UNDER SUBSECTION 32.4.10(1) OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASS / CATEGORIES.
INDIVIDUAL BCIN# 25171 FIRM BCIN# 123463
ROHIT WALIA PRINCIPAL DESIGNER
C.R. DESIGN

CITY OF GREATER SUDBURY BUILDING SERVICES
THESE DRAWINGS PLANS (SKETCHES HAVE BEEN REVIEWED FOR THE PURPOSE OF OBTAINING A BUILDING PERMIT
DATE 08/15/2024
PERMIT BP-NEW-2024-00728
SIGNED R.RUSSELL

DO NOT SCALE DRAWINGS
CONSTRUCTOR SHALL CHECK AND VERIFY ALL EXISTING CONDITIONS ON SITE AND SHALL CHECK AND VERIFY ALL DRAWING DIMENSIONS AND REPORT ANY INCONSISTENCIES TO THE DESIGNER BEFORE PROCEEDING WITH THE WORK

REVISIONS

FOR CLIENT REVIEW	2024-05-29
FOR CLIENT REVIEW	2024-06-07
FOR BCIN REVIEW	2024-06-19
FOR PERMIT	2024-06-19

FL DESIGN DRAFTING AND CONSULTING LTD
1800 CORAL COURT, SUDBURY ONTARIO BCIN 120115
www.fl-designs.ca 705-562-5820

CLIENT NAME/ ADDRESS
YOLLANDA TWILLEY

DRAWING TITLE
BASEMENT FLOOR PLAN - PROPOSED SECONDARY UNIT

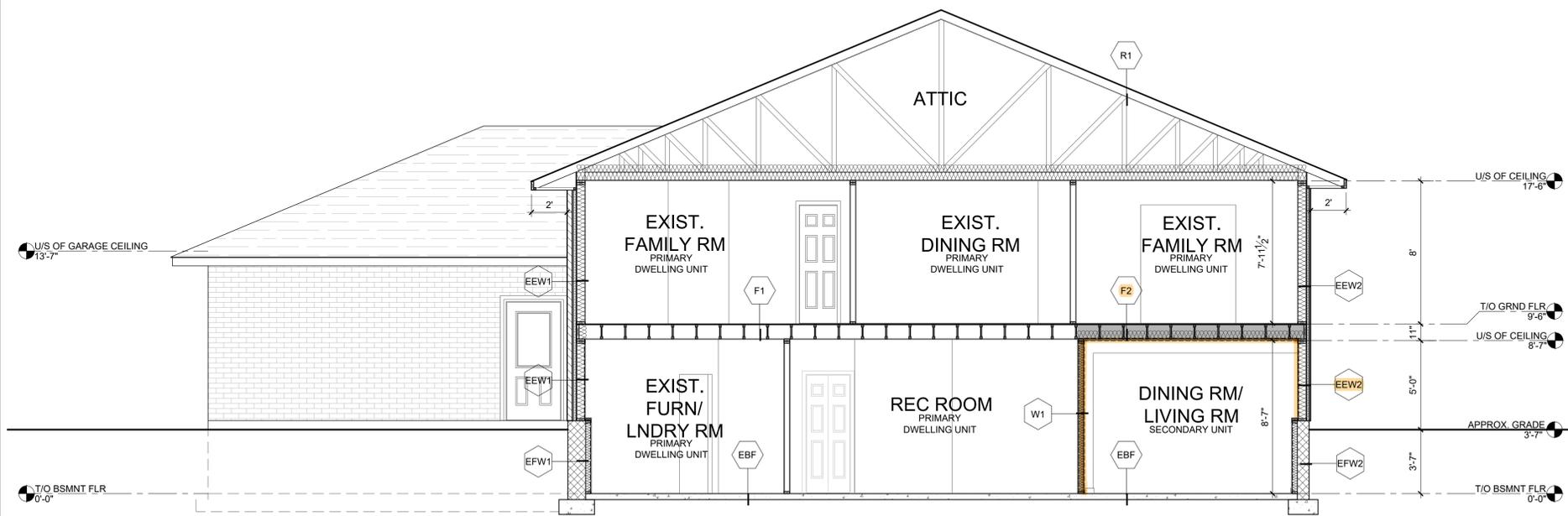
DATE	2024-04-26
SCALE	1/4" = 1'-0"

DRAWN BY
A.A.L.

CHECKED
R.W.

PROJECT
2024-018

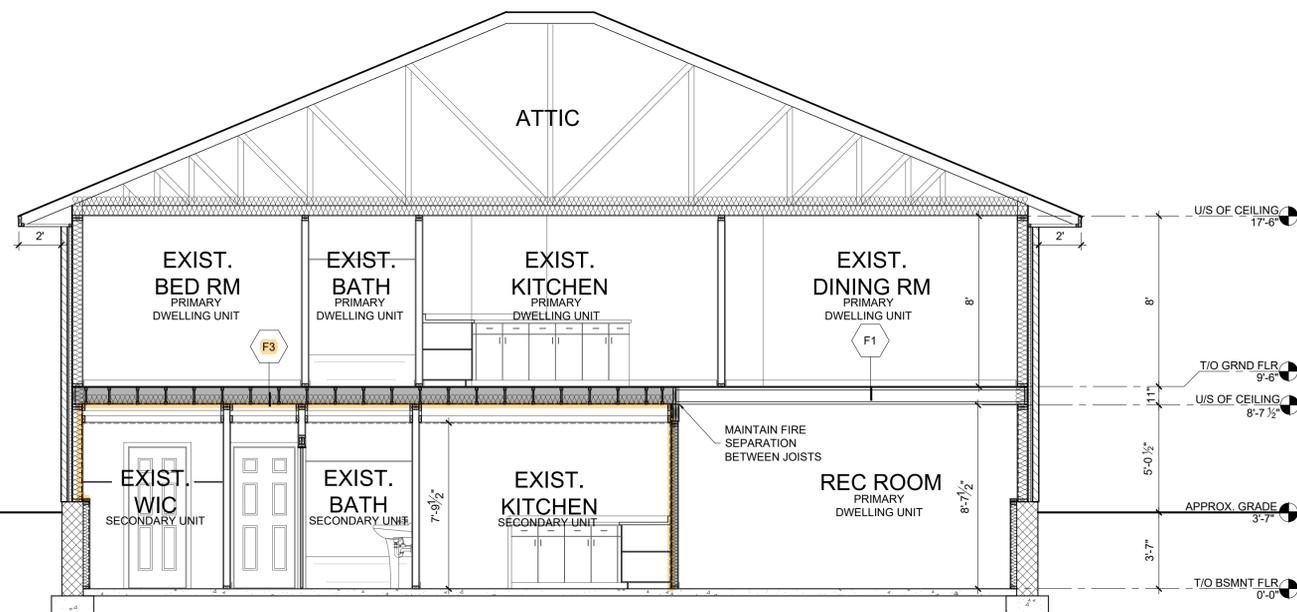
DRAWING
A2



BUILDING SECTION

1/4" = 1'-0"

1-A4



BUILDING SECTION

1/4" = 1'-0"

EXISTING FIRE SEPERATIONS ARE PERMITTED TO HAVE A MINIMUM FFR OF 30MIN

NEW FIRE SEPERATIONS ARE REQUIRED TO HAVE A MINIMUM FFR OF 45MIN

ALL SUPPORTING ELEMENTS TO BE FIRE RATED

EXISTING HORIZONTAL FIRE SEPERATION WITH A 15MIN FFR IS ACCEPTABLE ONLY IF THE SMOKE ALARMS ARE INSTALLED AS PER 9.10.19 AND ARE INTERCONNECTED BETWEEN DWELLING UNITS

NEWLY INSTALLED GYPSUM BOARD TO BE 5/8" TYPE X

CONSTRUCTION ASSEMBLIES

- W1 PROPOSED FIRE SEPARATION
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
2x4 STUDS @ 16" o/c
R14 ROCK-WOOL BATT INSULATION
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- W2 PROPOSED FIRE SEPARATION
EXISTING 1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
EXISTING 2x4 STUDS @ 16" o/c
ADD R14 ROCK-WOOL BATT INSULATION
ADD 1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- EW1 EXISTING INTERIOR PARTITION
ALL INTERIOR PORTIONS UNLESS OTHERWISE NOTED
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
2x4 STUDS @ 16" o/c
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- EFW1 EXISTING FOUNDATION WALL
11 5/8" CONCRETE MASONRY UNITS
2x4 WOOD STUDS @ 16" o/c
R14 FIBERGLASS BATT INSULATION
6mil POLYETHYLENE VAPOR BARRIER
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- EFW2 EXISTING FOUNDATION WALL
7 5/8" CONCRETE MASONRY UNITS
2x4 WOOD STUDS @ 16" o/c
R14 FIBERGLASS BATT INSULATION
6mil POLYETHYLENE VAPOR BARRIER
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
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- EBF EXISTING BASEMENT FLOOR
4" 20mpa POUDED CONCRETE FLOATING SLAB
c/w WELDED WIRE MESH REINFORCING ON 6mil POLYETHYLENE VAPOR BARRIER
- F1 EXISTING GROUND FLOOR ASSEMBLY
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1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- F2 PROPOSED GROUND FLOOR ASSEMBLY
EXISTING FINISHED FLOOR
EXISTING * T&G PLYWOOD FLOOR SHEATHING
EXISTING 9 1/2" PRE-ENGINEERED TRUSS JOISTS @ 16" o/c
ADD:
6" R20 ROCKWOOL BATT INSULATION
6mil POLYETHYLENE VAPOR BARRIER
3/4" RESILIENT CHANNEL @ 16" o/c
1/2" GYPSUM BOARD w/ JOINTS TAPED, MUDDERED, RENDERED SMOOTH, PRIMED AND PAINTED
- F3 PROPOSED GROUND FLOOR ASSEMBLY
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- OPD EXISTING MAIN PLUMBING DRAIN
- PROPOSED 45 min FIRE SEPARATION - SEE CONSTRUCTION ASSEMBLIES
- PROPOSED
- FD EXISTING FLOOR DRAIN

I, ROHIT WALIA, DECLARE THAT I REVIEW AND TAKE RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF A FIRM REGISTERED UNDER SUBSECTION 32.4, DIV. 10 OF THE ONTARIO BUILDING CODE, 1 AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASS / CATEGORIES
INDIVIDUAL BCIN# 25171 FIRM BCIN# 123463
ROHIT WALIA PRINCIPAL DESIGNER
C.R. DESIGN

CITY OF GREATER SUDBURY BUILDING SERVICES
THESE DRAWINGS (PLANS/SKETCHES) HAVE BEEN REVIEWED FOR THE PURPOSE OF OBTAINING A BUILDING PERMIT
DATE 05/15/2024
PERMIT BP-NEW-2024-00728
SIGNED R. RUSSELL

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REVISIONS	FOR CLIENT REVIEW FOR CLIENT REVIEW FOR BCIN REVIEW FOR PERMIT	2024-05-29 2024-06-07 2024-06-19 2024-06-19
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www.fl-designs.ca BCIN 120115
705-562-5820

CLIENT NAME/ ADDRESS
YOLLANDA TWILLEY
1080 SUNNYBREA STREET
SUDBURY, ONTARIO

DRAWING TITLE
BUILDING SECTIONS

DATE
2024-04-26

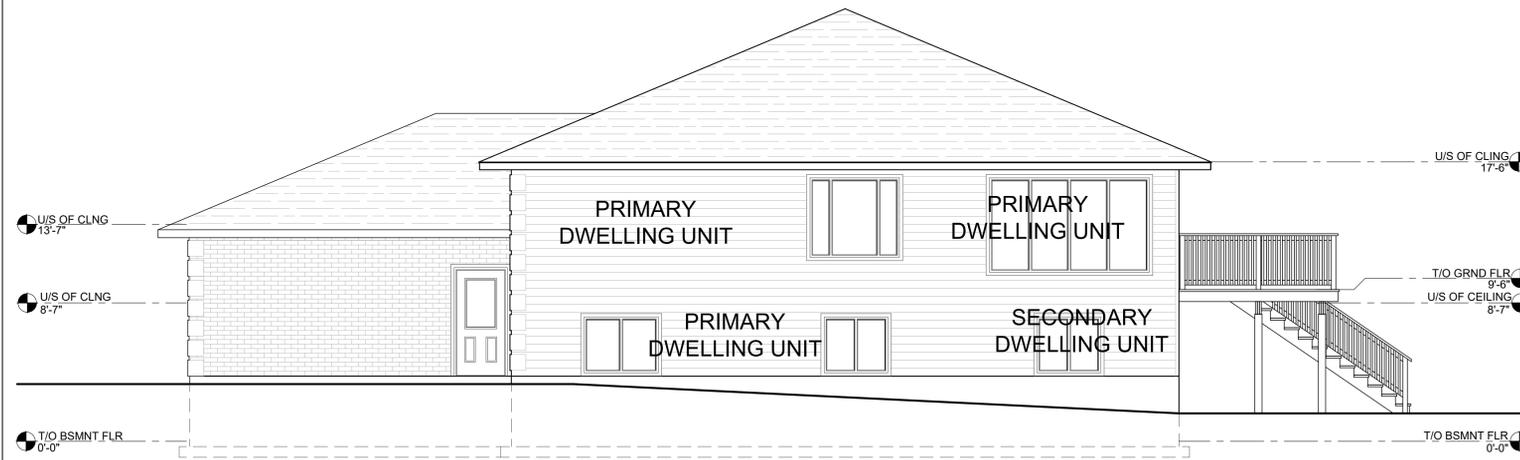
DRAWN BY
A.A.L.

PROJECT
2024-018

SCALE
1/4" = 1'-0"

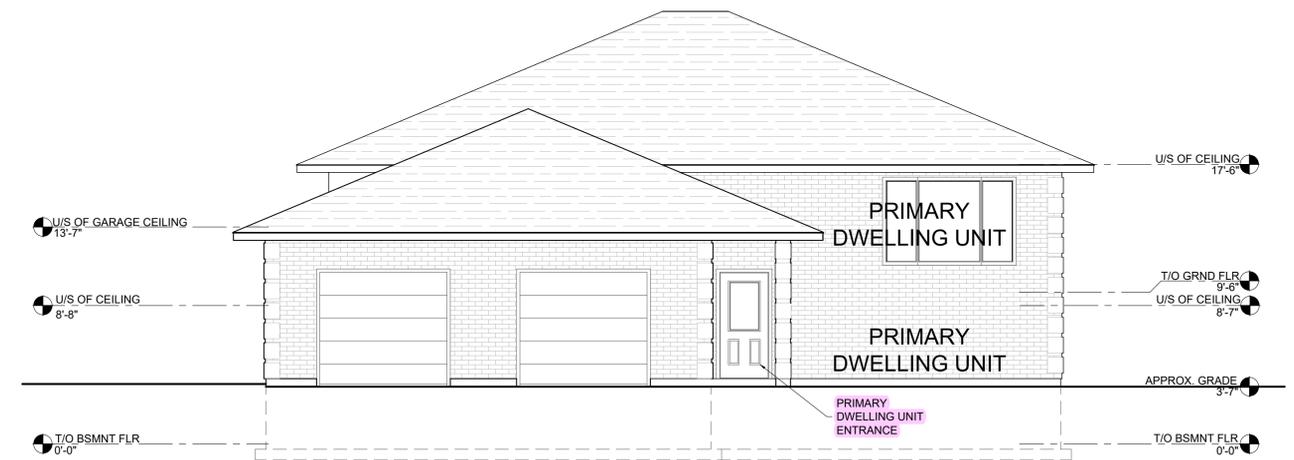
CHECKED
R.W.

DRAWING
A4



SOUTH ELEVATION

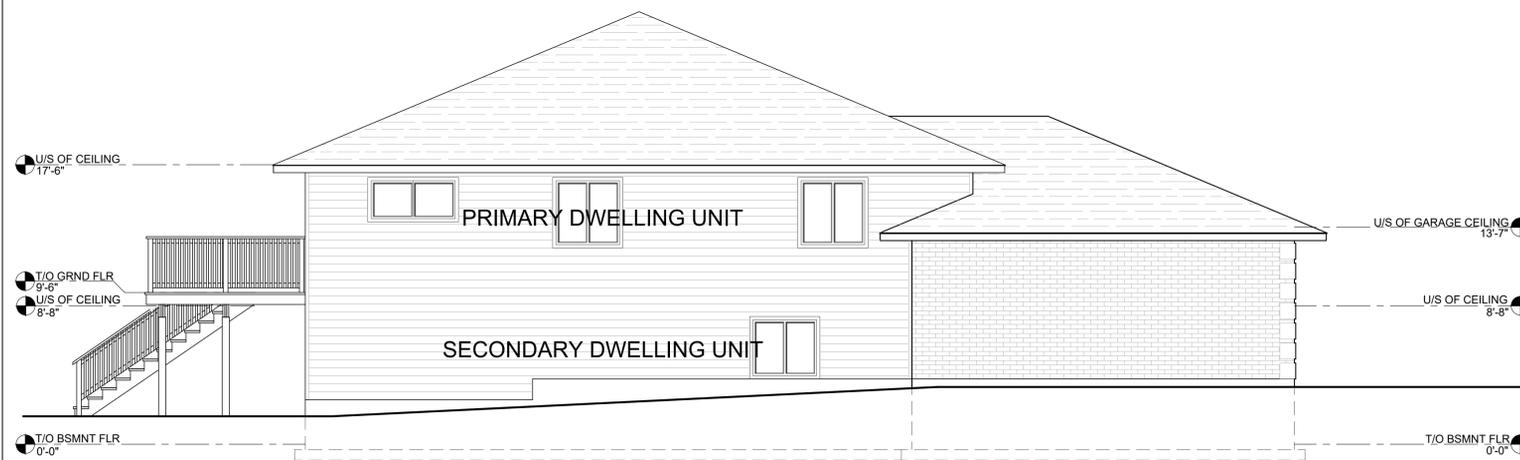
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1-A5 WEST ELEVATION

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

2-A5



NORTH ELEVATION

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



3-A5 EAST ELEVATION

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

4-A5

9.7.2.1 ENTRANCE DOORS
 1. A DOOR SHALL BE PROVIDED AT EACH ENTRANCE TO A DWELLING UNIT.
 2. MAIN ENTRANCE DOORS TO DWELLING UNITS SHALL BE PROVIDED WITH:
 (A) A DOOR VIEWER OR TRANSPARENT GLAZING IN THE DOOR, OR
 (B) A SIDELIGHT
 3. DEAD BOLT LOCK, 9.7.5.2.(4), AND
 4. EXTERIOR LIGHTING OUTLET, 9.34.2.1.(2)

I, ROHIT WALIA DECLARE THAT I REVIEW AND TAKE RESPONSIBILITY FOR THE DESIGN WORK ON BEHALF OF A FIRM REGISTERED UNDER SUBSECTION 32.4, DIV. "C" OF THE ONTARIO BUILDING CODE. I AM QUALIFIED AND THE FIRM IS REGISTERED IN THE APPROPRIATE CLASS/ CATEGORIES:
 INDIVIDUAL BCIN# 26171 FIRM BCIN# 123463
 ROHIT WALIA, PRINCIPAL DESIGNER
 C.R. DESIGN

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REVISIONS	FOR CLIENT REVIEW FOR CLIENT REVIEW FOR BCIN REVIEW FOR PERMIT	DATE
		2024-05-29
		2024-06-07
		2024-06-19
		2024-06-19

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 705-562-5820

CLIENT NAME/ ADDRESS
YOLLANDA TWILLEY

DRAWING TITLE
ELEVATIONS

DATE
 2024-04-26
 SCALE
 3/16" = 1'-0"

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 A.A.L.
 CHECKED
 R.W.

PROJECT
 2024-018
 DRAWING
A5