



METRIC HOMES

4829 ABBOTT ST EAST
OTTAWA (KANATA) ON.

METRIC DRAWING NOTES:

- PLANS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. E.&O.E.
- ALL MEASUREMENTS ARE APPROXIMATE. ACTUAL USABLE FLOOR SPACE MAY VARY FROM STATED FLOOR AREA.

GENERAL NOTES:

- THE CONTRACTOR MUST OBTAIN A CONSTRUCTION PERMIT BEFORE STARTING ANY WORK.
- TRADES ARE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE GENERAL CONTRACTOR.
- DO NOT SCALE DRAWINGS.
- ALL WORK SHALL COMPLY TO THE LOCAL AND THE ONTARIO BUILDING CODE.
- ALL DIMENSIONS ARE FROM FACE OF WOOD STUDS
- ALL CONCRETE (EXCEPT GARAGE, BASEMENT, AND PORCH SLAB) IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2900 PSI (20 MPA) AFTER 28 DAYS. BASEMENT SLAB TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3625 PSI (25 MPA). GARAGE AND PORCH SLABS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4650 PSI (32 MPA) COMPLETE WITH 5%-8% AIR ENTRAINMENT.
- ROOF TRUSSES SHALL BE PRE-ENGINEERED AND PREFABRICATED
- ALL GUARDS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH 9.8.8, SB-7, 900mm (2'-11") IF LESS THAN 1800mm (5' -11") ABOVE THE ADJACENT GRADE OR 1070mm (3' -6") FOR ALL OTHERS.

BASEMENT NOTES:

- MIN. SOIL BEARING CAPACITY TO BE 60 KPa TO BE CONFIRMED ON SITE

FOUNDATION WALLS:

- CEMENT PARING ABOVE GRADE
- DRAINAGE LAYER & DAMPROOFING BELOW GRADE
- CONCRETE FOUNDATION WALL TOP & BOTTOM REINF.
- 1.5" R6 CONTINUOUS INSULATION
- 2"x6" WOOD STUDS @ 24" O/C.
- R-22 ROXUL BATT INSULATION
- 0.15mm POLY. V.B. (6 mil)

MASONRY VENEER WALLS:

- TIES ARE TO HAVE A MAXIMUM VERTICAL SPACING OF 500mm (19 3/4") AND A MAXIMUM HORIZONTAL SPACING OF 600mm (23 5/8")
- THRU-WALL FLASHINGS ARE TO BE AT THE BASE OF ALL WALLS.
- WEEP HOLES AT A MAXIMUM SPACING OF 800mm (2'-7") APART AND AT THE BOTTOM OF EVERY CAVITY.
- 4" POURED CONCRETE FLOOR @32 Mpa w/ 5% AIR ENTRAINMENT ON 6" SAND FILL ON UNDISTURBED SOIL. SLOPE FLOOR 2% TO O.H. DOOR.
- STEEL BEAM & ANGLES TO BE PRIME PAINTED

WALL ASSEMBLIES:

TYPICAL EXTERIOR GARAGE WALL ASSEMBLY:

- HARDIE SIDING
- AIR BARRIER, TYVEK
- 7/16" OSB SHEATHING
- 2"x6" STUDS @ 16" O.C.
- 1/2" GYPSUM BOARD

TYPICAL LOAD-BEARING WALL ASSEMBLY:

- 1/2" GYPSUM BOARD
- 2"x6" STUDS @ 16" O.C.
- 1/2" GYPSUM BOARD

TYPICAL INTERIOR PARTITION WALL ASSEMBLY:

- 1/2" GYPSUM BOARD
- 2"x4" STUDS @ 16" O.C.
- 1/2" GYPSUM BOARD

SCHEDULES

NOTES:

- A) ALL BEAMS TO HAVE A MINIMUM END BEARING OF 3 1/2"
- B) ALL POINT LOADS TO BE CARRIED DOWN TO THE FOUNDATION OR SUPPORTING MEMBER.

WOOD POST SCHEDULE

TAG	DESCRIPTION
P2	2 -2"x4" OR 2"x6" STUDS
P3	3 -2"x4" OR 2"x6" STUDS
P4	4 -2"x4" OR 2"x6" STUDS
P5	5 -2"x4" OR 2"x6" STUDS

STEEL TELEPOST SCHEDULE

TAG	DESCRIPTION
TP	3" DIA. ADJUSTABLE STEEL TELEPOST CAN/CGSB 7.2
TP2	2 -3" DIA. ADJUSTABLE STEEL TELEPOST CAN/CGSB 7.2
TP3	3 -3" DIA. ADJUSTABLE STEEL TELEPOST CAN/CGSB 7.2
C1	3" x 3" x 3/16" STEEL HSS POST
C2	3 1/2" x 3 1/2" x 3/16" STEEL HSS POST

NOTE:

- INSTALL TYPICAL 3 1/2" x 3 1/2" x 1/4" STEEL ANGLE TO SUPPORT MASONRY VENEER OVER ALL OPENINGS UNLESS OTHERWISE NOTED. (MIN. 6" BEARING)

WOOD LINTEL SCHEDULE

TAG	DESCRIPTION
L1	2 -2"x10"
L2	3 -2"x10"
L3	3 -2"x8"
L4	2 -1 3/4"x9 1/2" LVL, 1.8E
L5	3 -1 3/4"x9 1/2" LVL, 1.8E
L6	2 -1 3/4"x11 7/8" LVL, 1.8E
L7	3 -1 3/4"x11 7/8" LVL, 1.8E

PAD FOOTING SCHEDULE

TAG	DESCRIPTION
F1	36"x36" x8" CONCRETE PAD W/ 4-15M REBARS EACH WAY
F2	36"x48" x8" CONCRETE PAD W/ 5-15M REBARS SHORT WAY W/ 4-15M REBARS LONG WAY
F3	48"x48" x8" CONCRETE PAD W/ 5-15M REBARS EACH WAY
F4	60"x36" x8" CONCRETE PAD W/ 6-15M REBARS SHORT WAY W/ 4-15M REBARS LONG WAY
F5	24"x24" x8" CONCRETE PAD W/ 3-15M REBARS EACH WAY
F6	60"x60"x10" CONCRETE PAD W/ 6-15M REBARS EACH WAY
F7	72"x72"x10" CONCRETE PAD W/ 7-15M REBARS EACH WAY

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Drawing Title:

NOTES & SCHEDULES

Client:

METRIC HOMES

Model & Elev:

Custom 2-Storey

Lot# & Project:

Lot #, Plan xMxxx

xxxxxxxxx, Kanata, ON

Rev#	Revisions	Date
1	ISSUED FOR REVIEW	10-Sep-2021

File#:

CLIENT NAME

Drawn by:

Date:

SEPTEMBER 2021

Dwg#

AO

Scale:

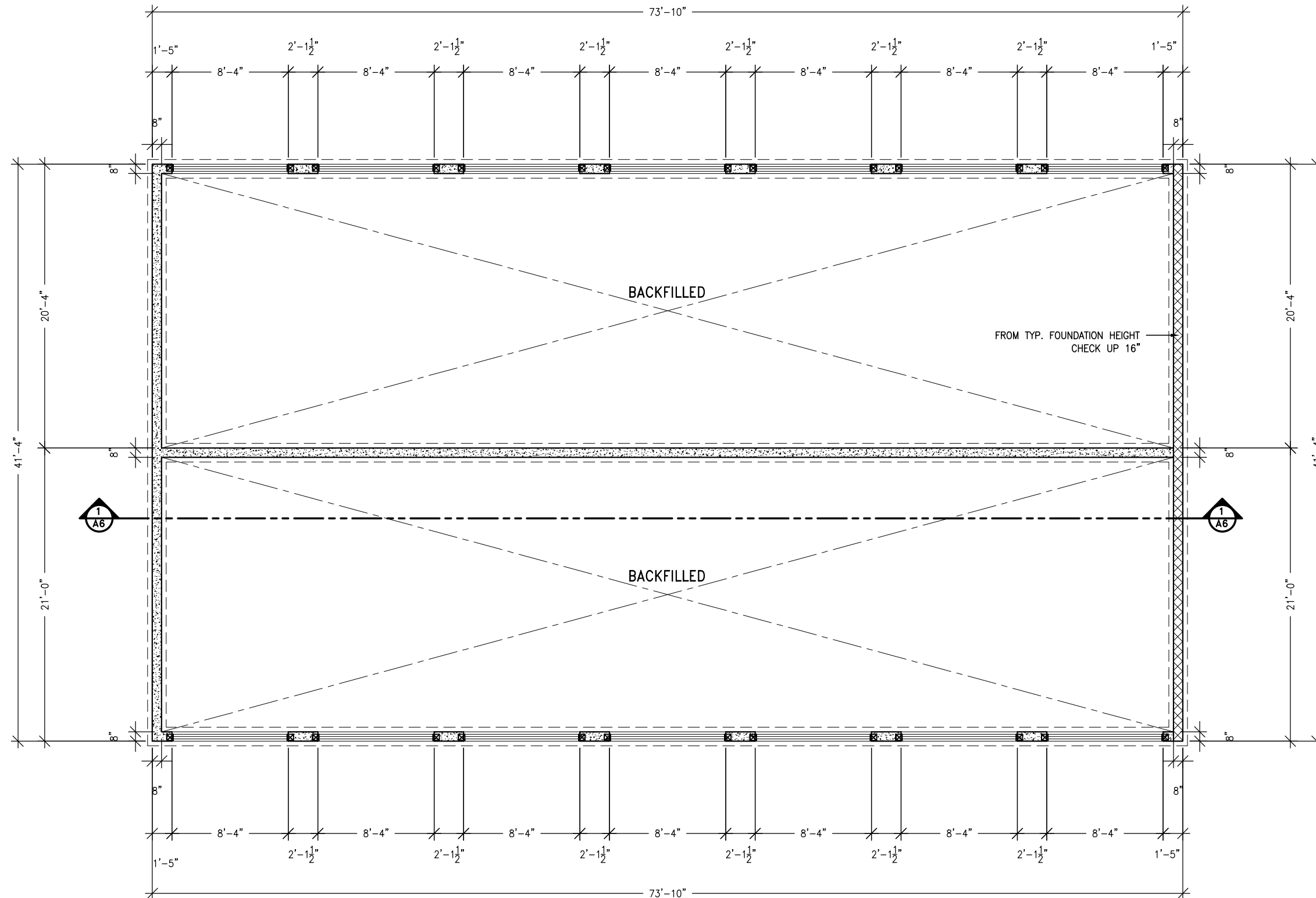
3/16" = 1'-0"

NOTES:

FOR FOUNDATION REINFORCING AROUND WINDOWS
SEE DRAWING R-01 (ATTACHED)

FD: FLOOR DRAIN
CD: CONDENSATE DRAIN
SFL: SEE FLOOR LAYOUT
☒ : POINT LOAD

R: 15M DOWELS @ 10" o.c. 5'-0" LONG w/
5" VERTICAL EMBEDMENT INTO FOOTING



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Drawing Title:
FOUNDATION PLAN

Client:
METRIC HOMES

Model # Elev:
Custom 2-Storey

Lot# # Project: Lot #, Plan xMxxx
xxxxxxxxx, Kanata, ON

Rev#	Revisions	Date
1	ISSUED FOR REVIEW	10-Sep-2021

File#:
CLIENT NAME

Drawn by:

Date:
SEPTEMBER 2021

Dwg#

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

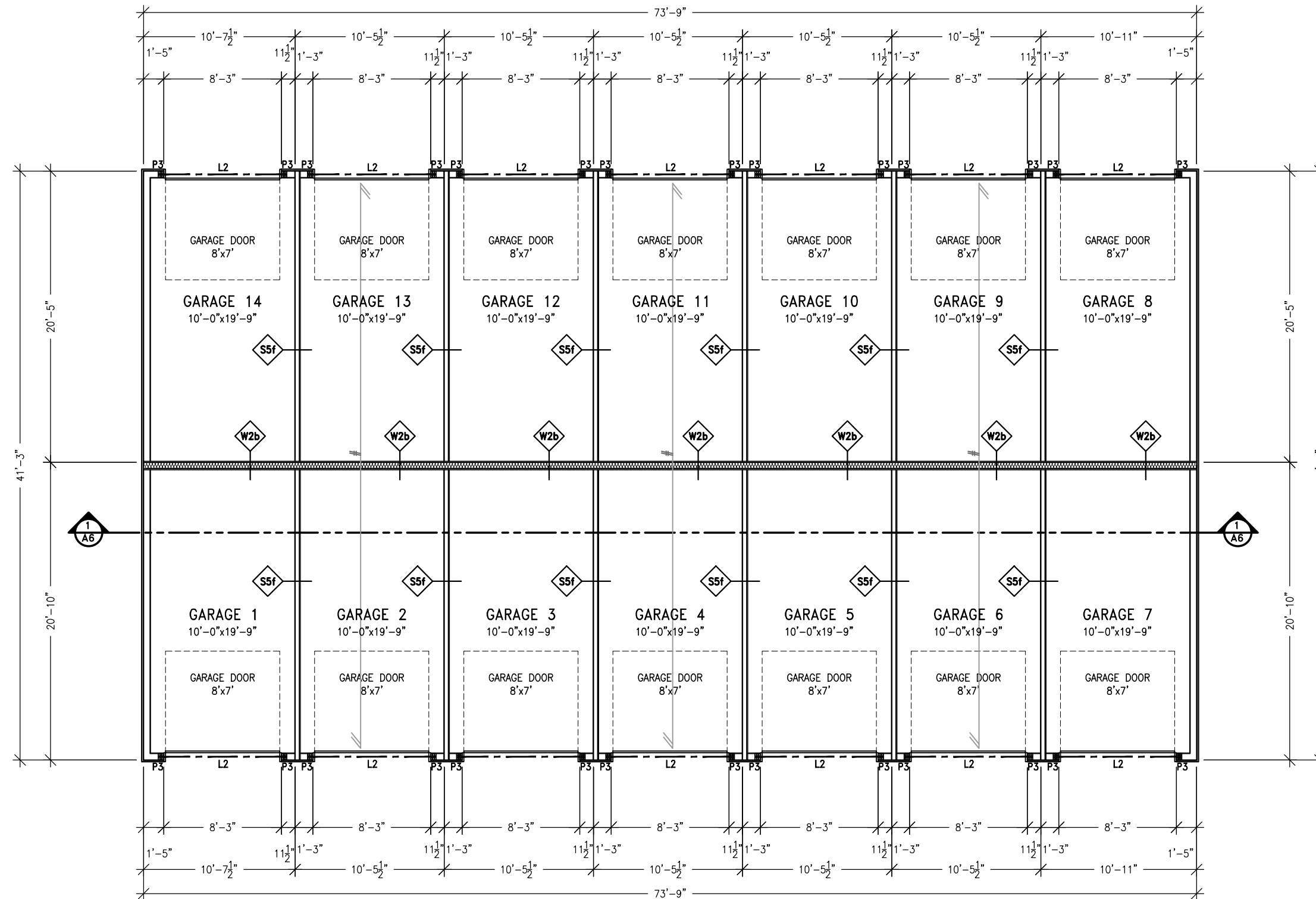
A1

NOTES:

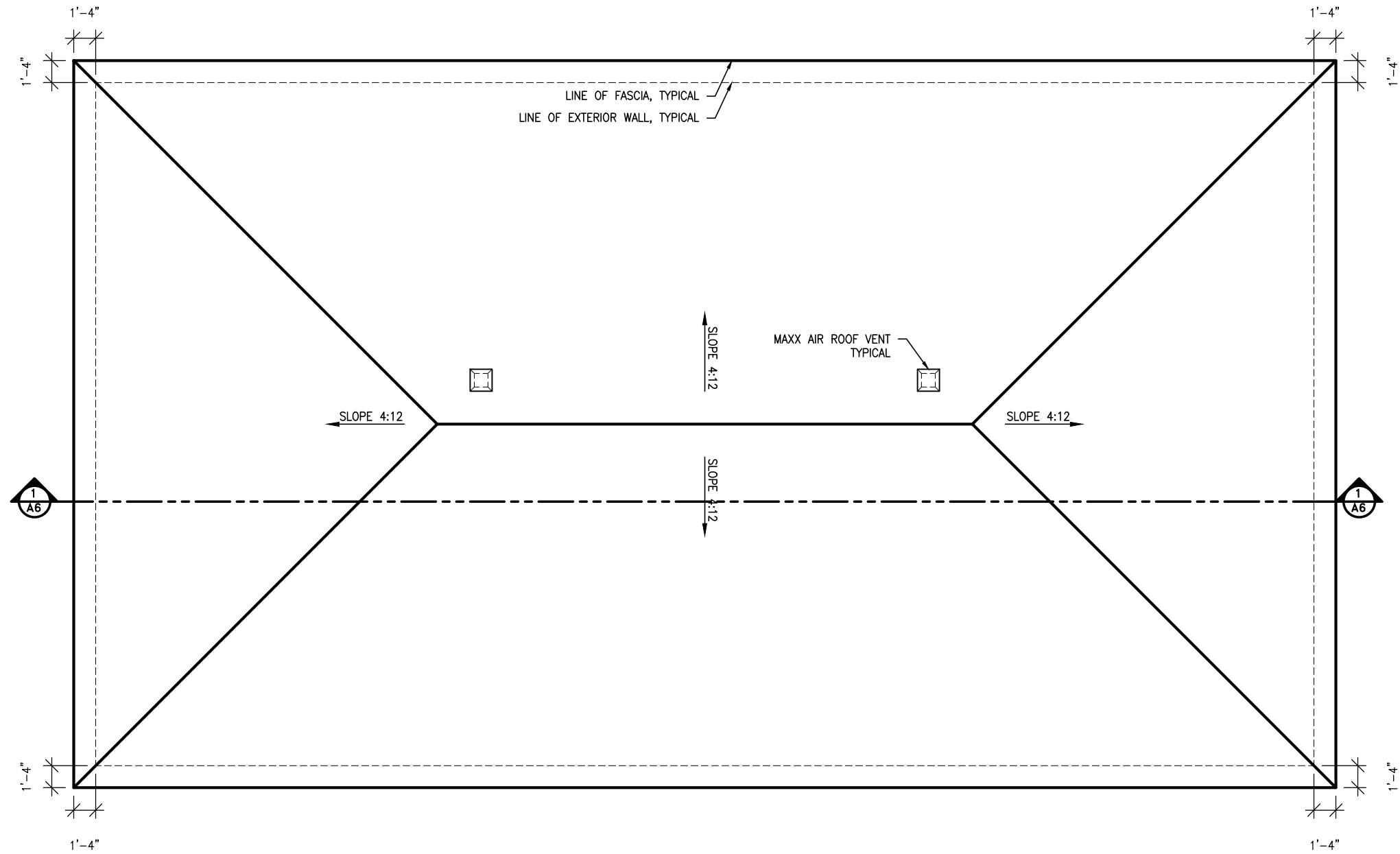
REFER TO KITCHEN DESIGN FROM DESLAURIER FOR ALL KITCHEN DIMENSIONS AS WELL AS APPLIANCE LOCATIONS

ALL DIMENSIONS ARE TO THE EXTERIOR FACE OF THE 2x6 WALL

SFL: SEE FLOOR LAYOUT
 #: PRE-ENGINEERED ROOF TRUSSES
 (G): PRE-ENGINEERED GIRDER TRUSS



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Drawing Title: MAIN FLOOR PLAN		
Client: METRIC HOMES		
Model # Elev: Custom 2-Storey		
Lot# # Project:		Lot ##, Plan xMxxx xxxxxxxxx, Kanata, ON
Rev#	Revisions	Date
1	ISSUED FOR REVIEW	10-Sep-2021
File#: CLIENT NAME		
Drawn by:		
Date:	SEPTEMBER 2021	Dwg#
Scale:	1/8" = 1'-0"	A2



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Drawing Title:
ROOF PLAN

Client:
METRIC HOMES

Model # Elev:
Custom 2-Storey

Lot# # Project: Lot ##, Plan xMxxx
xxxxxxxxx, Kanata, ON

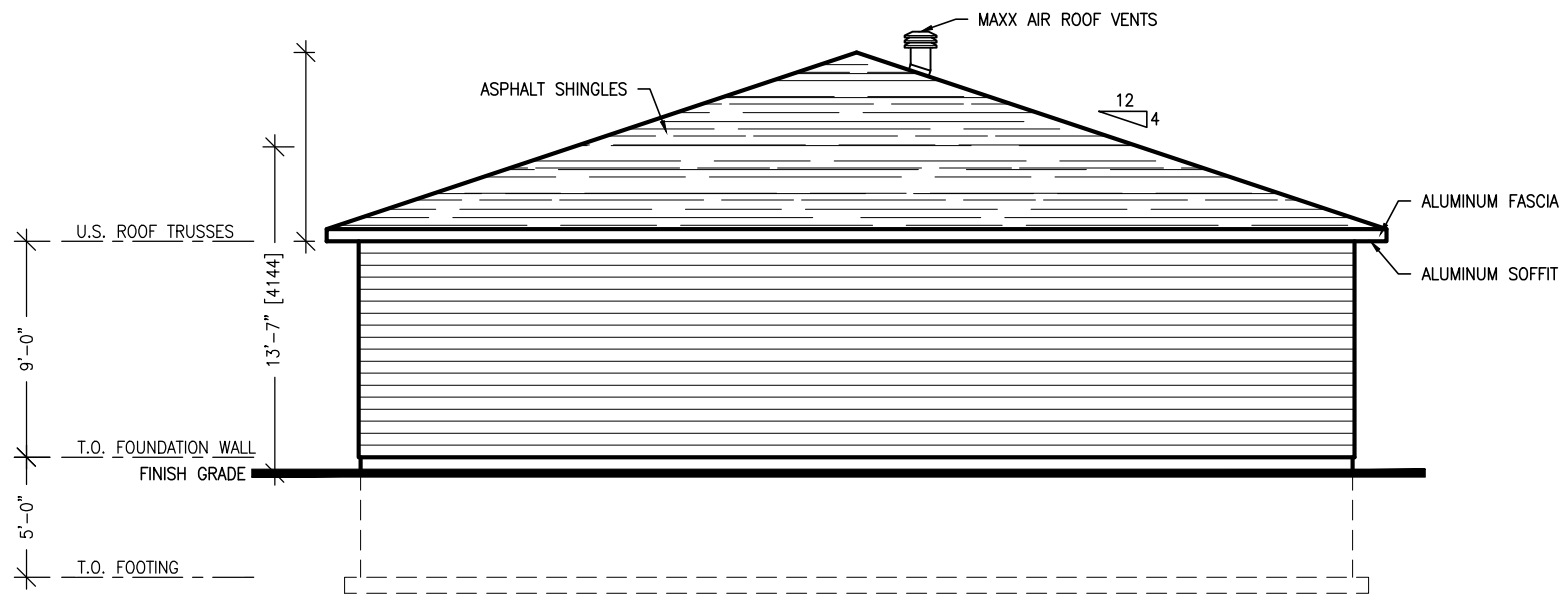
Rev#	Revisions	Date
1	ISSUED FOR REVIEW	10-Sep-2021

File#: CLIENT NAME

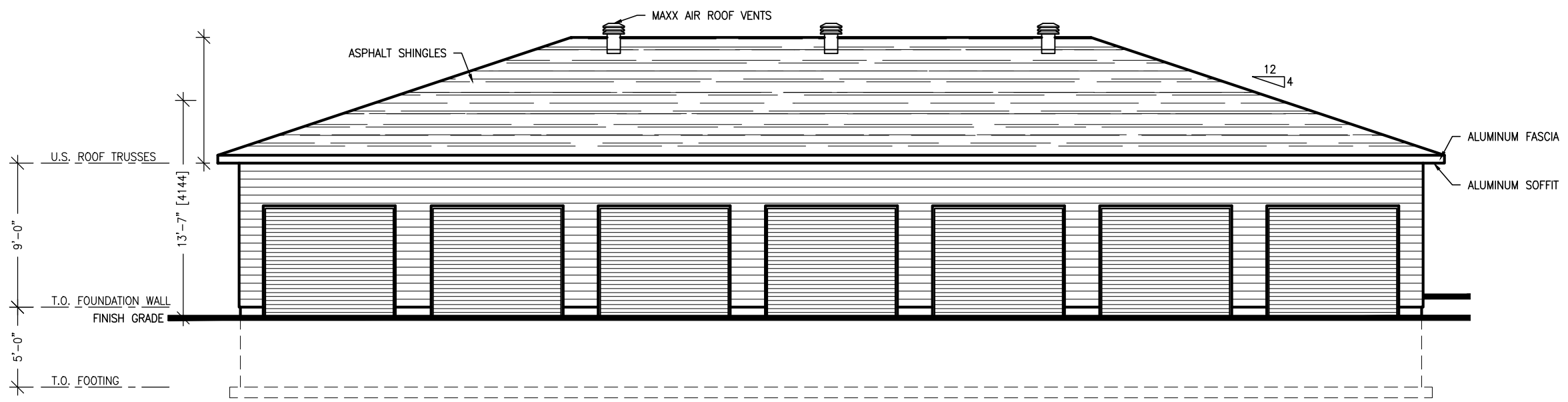
Drawn by:

Date: SEPTEMBER 2021 Dwg#

Scale: 1/8" = 1'-0" A3



LEFT ELEVATION



FRONT ELEVATION

EXTERIOR FINISH SCHEDULE	
	JAMES HARDIE LAP SIDING

DOOR SCHEDULE				
WINDOW #	WIDTH	HEIGHT	RSO-W	RSO-H
GARAGE DOORS	96"	84"		

- NOTES:**
- A) FOUNDATION TO EXTEND A MINIMUM OF 5/8" ABOVE FINISHED GRADE
 - B) GRADE SLOPES AWAY FROM DWELLING UNIT, TYPICAL ALL SIDES

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Drawing Title:
FRONT & RIGHT ELEVATION

Client:
METRIC HOMES

Model # Elev:
Custom 2-Storey

Lot# # Project: Lot ##, Plan xMxxx
xxxxxxxxxx, Kanata, ON

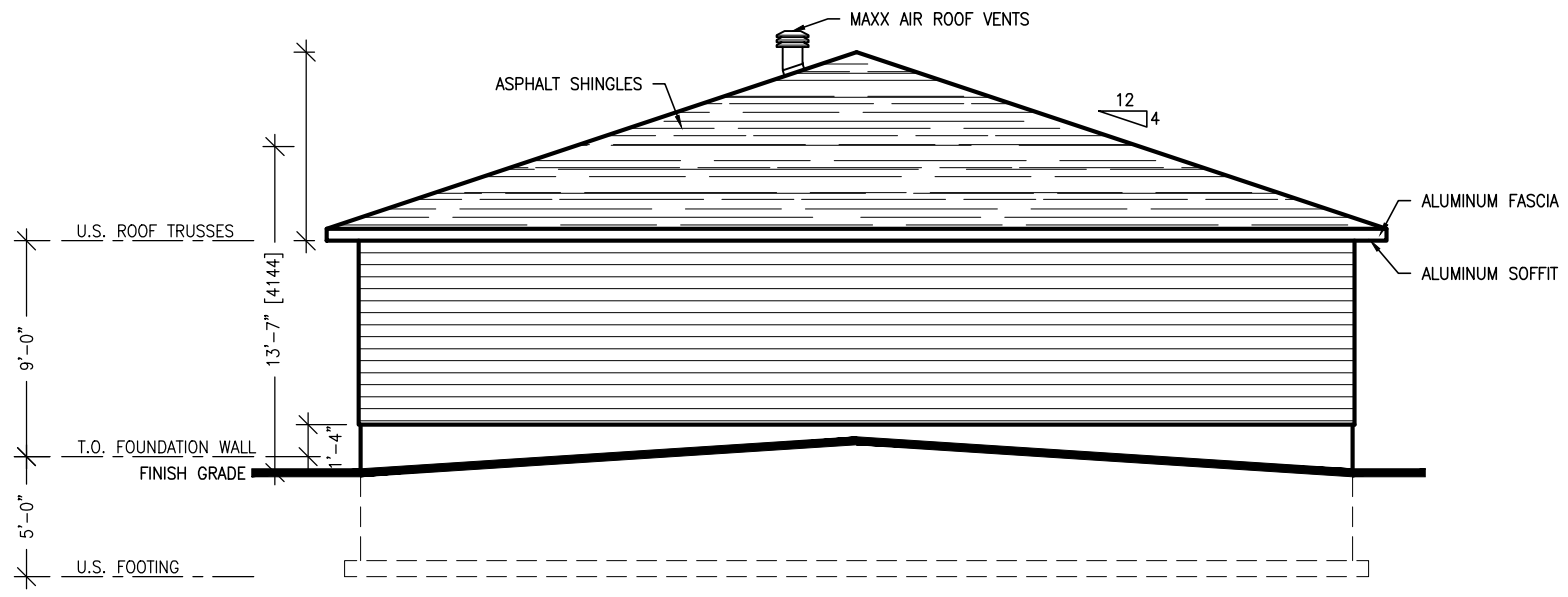
Rev#	Revisions	Date
1	ISSUED FOR REVIEW	10-Sep-2021

File#:
CLIENT NAME

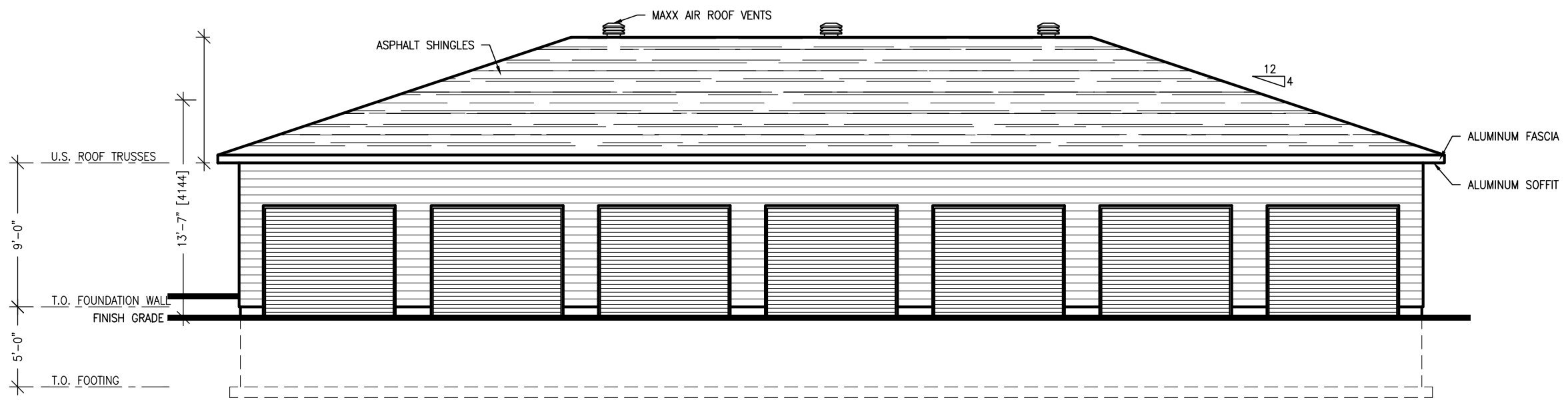
Drawn by:

Date: SEPTEMBER 2021 Dwg#

Scale: 1/8" = 1'-0" **A5**



RIGHT ELEVATION



REAR ELEVATION

EXTERIOR FINISH SCHEDULE	
	JAMES HARDIE LAP SIDING

DOOR SCHEDULE				
WINDOW #	WIDTH	HEIGHT	RSO-W	RSO-H
GARAGE DOORS	96"	84"		

- NOTES:**
- A) FOUNDATION TO EXTEND A MINIMUM OF 5/8" ABOVE FINISHED GRADE
 - B) GRADE SLOPES AWAY FROM DWELLING UNIT, TYPICAL ALL SIDES

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Drawing Title:
REAR & LEFT ELEVATION

Client:
 METRIC HOMES

Model # Elev:
 Custom 2-Storey

Lot# # Project: Lot ##, Plan xMxxx
 xxxxxxxxxxxx, Kanata, ON

Rev#	Revisions	Date
1	ISSUED FOR REVIEW	10-Sep-2021

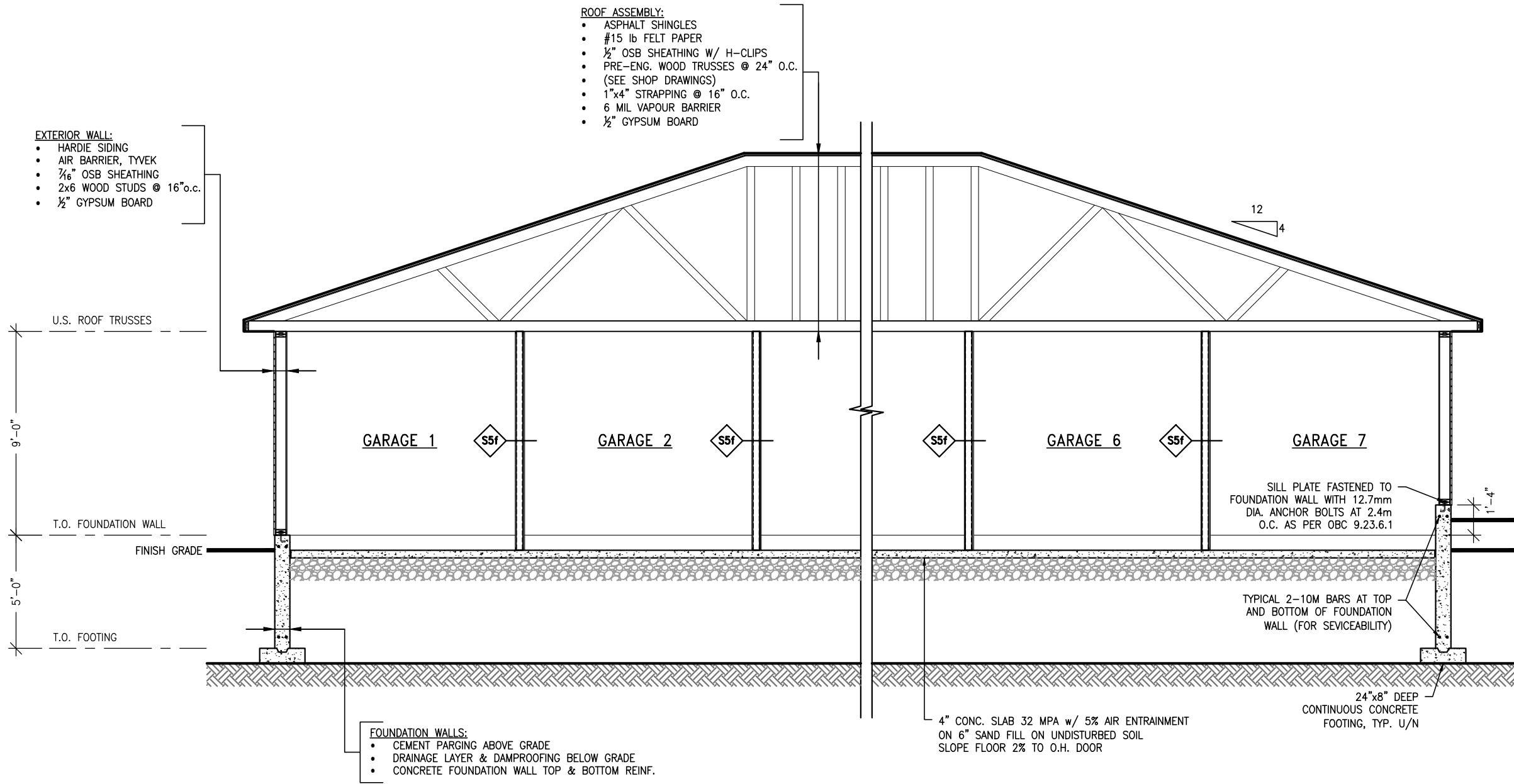
File#:
 CLIENT NAME

Drawn by:

Date: SEPTEMBER 2021 Dwg#
 Scale: 1/8" = 1'-0" **A6**

- ROOF ASSEMBLY:**
- ASPHALT SHINGLES
 - #15 lb FELT PAPER
 - ½" OSB SHEATHING W/ H-CLIPS
 - PRE-ENG. WOOD TRUSSES @ 24" O.C.
 - (SEE SHOP DRAWINGS)
 - 1"x4" STRAPPING @ 16" O.C.
 - 6 MIL VAPOUR BARRIER
 - ½" GYPSUM BOARD

- EXTERIOR WALL:**
- HARDIE SIDING
 - AIR BARRIER, TYVEK
 - ¾" OSB SHEATHING
 - 2x6 WOOD STUDS @ 16" o.c.
 - ½" GYPSUM BOARD



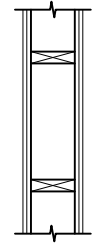
- FOUNDATION WALLS:**
- CEMENT PARGING ABOVE GRADE
 - DRAINAGE LAYER & DAMPROOFING BELOW GRADE
 - CONCRETE FOUNDATION WALL TOP & BOTTOM REINF.

4" CONC. SLAB 32 MPA w/ 5% AIR ENTRAINMENT
ON 6" SAND FILL ON UNDISTURBED SOIL
SLOPE FLOOR 2% TO O.H. DOOR

SILL PLATE FASTENED TO
FOUNDATION WALL WITH 12.7mm
DIA. ANCHOR BOLTS AT 2.4m
O.C. AS PER OBC 9.23.6.1

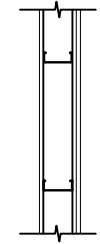
TYPICAL 2-10M BARS AT TOP
AND BOTTOM OF FOUNDATION
WALL (FOR SERVICEABILITY)

24"x8" DEEP
CONTINUOUS CONCRETE
FOOTING, TYP. U/N



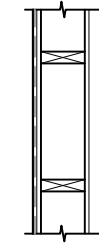
W2b LOAD-BEARING WALL

2 LAYERS ½" TYPE X GYPSUM BOARD
2x6 WOOD STUDS @ 16" o.c.
2 LAYERS ½" TYPE X GYPSUM BOARD



S5f PARTITION WALL

1 LAYER ½" TYPE X GYPSUM BOARD
CEMENT BOARD BOTTOM 24"
1¼"x3¾" 25 GAUGE STEEL STUDS @ 16" o.c.
2 LAYERS ½" TYPE X GYPSUM BOARD
CEMENT BOARD BOTTOM 24"



EXTERIOR LOAD-BEARING WALL

HARDIE SIDING
AIR BARRIER, TYVEK
¾" OSB SHEATHING
2x6 WOOD STUDS @ 16" o.c.
½" GYPSUM BOARD

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Drawing Title: BUILDING SECTION		
Client: METRIC HOMES		
Model # Elev: Custom 2-Storey		
Lot# # Project:		Lot ##, Plan xMxxx xxxxxxxxx, Kanata, ON
Rev#	Revisions	Date
1	ISSUED FOR REVIEW	10-Sep-2021
File#: CLIENT NAME		
Drawn by:		
Date: SEPTEMBER 2021	Dwg# A7	
Scale: 3/16" = 1'-0"		