

ITEM	2012 ONTARIO BUILDING CODE DATA MATRIX REG. 451-22									
ı	PROJECT DESCRIPTION: REMOVED EXISTING GABLE ROOF & PROPOSED NEW SECOND FLOOR & FLAT ROOF									
	288 OA	1.1.2.4								
2	MAJOR (	OCCUPANCY	(S)		RESIDENT	IAL				9.10.2.1
3	BUILDING	G AREA (M²)			64.24 SN	Л				1.4.1.2
4	GROSS AREA (M²) GROSS FLOOR, AREA: EXISTING BASEMENT: 64.24 SM EXISTING GROUND FLOOR: 64.24 SM PROPOSED SECOND FLOOR: 64.24 SM									
	TOTAL: 186.72 SM									
5	NUMBER	1	1.1.2.4							
6	BUILDING HEIGHT (M) 2 STOREY									1.1.2.4
7	NUMBER OF STREETS / ACCESS ROUTES   STREET									
8	BUILDING	CLASSIFICA	TION		GROUP C	RES	IDENTIA	\L		9.10.2.1
9	SPRINKLER SYSTEM PROPOSED ENTIRE BUILDING									9.10.8
	☐ BASEMENT ONLY									
	☐ IN LIEU OF ROOF RATING  ■ NOT REQUIRED									
	GTANDBI	DE DEOLUDED				_				
10		PE REQUIRED				=	ES	NO		
11	FIRE ALARM REQUIRED YES NO									
12	WATER SERVICE IS ADEQUATE YES NO									
13	FIRE EXTINGUISHER SYSTEM PROVIDED YES NO									
14	HIGH BUILDING YES NO									
15	PERMITTED CONSTRUCTION COMBUSTIBLE NON-COMBUSTIBLE BOTH									9.10.6
		CONSTRUCTION			COMBUSTIBLE	☐ NC	DN-CON	1BUSTIBLE	ВОТН	
16	MEZZANI	NE (S) AREA N	Л <sup>2</sup>		N/A					9.10.4.1
17	OCCUPANT LOAD BASED ON M <sup>2</sup> /PERSON DESIGN OF BUILDING									
17a	EXIT CAP	ACITY CALCU	LATION		2 EXIT					9.9.8.2
18	BARRIER	-FREE DESIGN	l		YES [	ON [	(EXPLA	IN)		
19	HAZARD(	DUS SUBSTAI	NCES		YE5	NO NO				9.10.1.3
20	HORIZONTAL ASSEMBLIES FRR (HOURS)  HORIZONTAL ASSEMBLIES STC RATING  HORIZONTAL ASSEMBLIES CONTRACTOR OF DESIGN NO. OR DESCRIPTION (9G-2)								9.10.8	
	FLOORS	HOURS	5							3.10.3
	ROOF HOURS									
	MEZZANINE HOURS									
	FRR OF S	SUPPORTING		STC OF SUPPORTING LISTED DESIGN NO. MEMBERS OR DESCRIPTION (SG-2)						
	FLOORS	HOURS	3	IVIL	VIDEN		ON DESCRIPTION (SG-2)			
	ROOF	HOURS								-
21	MEZZANINE HOURS  SPATIAL SEPARATION - CONSTRUCTION OF EXTERIOR WALLS									9.10.14
-									LISTED	0.10.14
	WALL AREA OF L.D. (EBF) (M) (M <sup>2</sup> )		L/H AREA OF OR (UNPROTECTE H/L OPENING) (M²)		MAX. OPEN	% OF	(HOURS)	LISTED DESIGN OR DESCRIPTION	COMB. OR NON-COMB. CLADDING	
	NORTH EXISTING TO REMAI			N						
	SOUTH	EXISTING TO	) REMAII	N						
	EAST EXISTING TO REMAIL									
	WEST EXISTING TO REMAIN									

## CONSTRUCTION NOTES

CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB SITE AND REPORT ANY DISCREPANCY TO DESIGNER BEFORE PROCEEDING WITH THE WORK.

ALL CONSTRUCTIONS TO CONFORM TO THE REQUIREMENTS OF THE LATEST VERSION OF THE ONTARIO BUILDING CODE (ONTARIO REG. 2012 - 332/12, PART 9, AND ALL OTHER AUTHORITIES HAVING JURISDICTION. DRAWINGS MUST NOT BE SCALED. HANDWRITTEN NOTES WHICH APPEAR ON THE DRAWINGS HAVE PRECEDENCE. MANUFACTURED ITEMS, MATERIALS AND CONSTRUCTION MUST COMPLY WITH ALL REQUIREMENTS OF CANADA MORTGAGE AND HOUSING CORPORATION (C.M.H.C.) AND CANADIAN STANDARD ASSOCIATION (C.S.A.) AND (C.C.M.C.)

SIDING WALL CONSTRUCTION
VINYL SIDING WITH VERTICAL STRAPPING I" (25MM) FOAMULAR CODEBORD XPS
SHEATHING: R5 (R5I: 0.88) PER INCH, 5/8" (15.9MM) O.S.B. SHEATHING
2x6 (38x140MM) WOOD STUD WALL @ I6" (410MM) O.C. NON-COMBUSTIBLE BATT
INSULATION. R22 (RSI 3.87). VAPOUR BARRIER ON WARM SIDE. 1/2" (12.9MM)
GYPSUM BARD TAPED AND SANDED.

EAVES TROUGH, FASCIA, RWL & VENTED SOFFIT
PREFIN. ALUM. EAVES TROUGH, FASCIA, RWL & VENTED SOFFIT.
SOTTHI TO HAVE INTEGRAL VENTS TO CONFORM ROOF VENTILATION
EAVES TROUGH TO BE MIN. 4" (I OOMM) WITH RWL CONNECTED TO STORM
SEWERS OR TO DISCHARGE ONTO CONCRETE SPLASH PADS AS PER
MUNICIPAL REQUIREMENTS.

FLOOR FRAMING (9.23.3.5., 9.23.9.4., 9.23.14.)

T\$G SUBFLOOR ON WOOD FLOOR JOISTS. FOR CERAMIC TILE APPLICATION SEE
O.B.C. 9.30.6. ALL JOISTS WHERE REQUIRED TO BE BRIDGED WITH 2"x2" (38x38MM)
CROSS BRACING OR SOLID BLOCKING @ MAX. 7"-0" (2 LOOMM) O.C. ALL JOISTS TO
BE STRAPPED WITH 1"x3" (19x64MM) @ 7"-0" (2 LOOMM) O.C. UNLESS A PANEL TYPE
CEILING FINISH IS APPLIED.

A ROOF CONSTRUCTION
MINERAL SURFACE FINISH ON 2 PLIES MODIFIED ROOFING MEMBRANES ON 3/4" (19MM) PLYWOOD SHEATHING ON 2"x2" SLEEPERS @ 24" O.C. ROOF JOISTS (SEE PLAN) @ 16" O.C. (410MM) \$ FILLED JOISTS SPACE W/ MIN. RSI 5.46 (R31) NON-COMBUSTIBLE BATT INSULATION WITH 6 MIL POLY AIR VAPOUR BARRIER (WARM SIDE). 1/2" (12.7MM) INTERIOR GYPSUM BOARD TAPED AND SANDED.

(5) ROOF VENTILATION.
TYPICAL ROOF - 1:300 OF INSULATED CEILING AREA WITH 50% AT EAVES.
FOR ROOF - 1:150 OF INSULATED CEILING AREA WITH 50% AT EAVES.

SMOKE ALARM (9.10.19.)
PROVIDE ONE PER FLOOR, NEAR STAIRS CONNECTING FLOOR LEVEL. ALARMS ARE TO BE INSTALLED IN EACH SLEEPING ROOM AND IN A LOCATION BETWEEN SLEEPING ROOMS AND CONNECTING HALLWAYS AND WIRED TO BE INTERCONNECTED TO ACTIVATE ALL ALARMS IF ONE SOUNDS. ALARMS ARE TO BE CONNECTED TO AN ELECTRICAL CIRCUIT AND WITH A BATTERY BACKUP. ALARM SIGNAL SHALL MEET TEMPORAL SOUND PATTERNS MIN. ALARMS SHALL HAVE A VISUAL SIGNALING COMPONENT AS PER THE "NATIONAL FIRE ALARM AND SIGNALING CODE NFFA 72"

CARBON MONOXIDE ALARM (9.33.4.)
A CARBON MONOXIDE ALARMS CONFORMING TO CAN/CGA-6. I 9 SHALL BE INSTALLED ON OR NEAR CELLING IN EACH DWELLING UNIT ADJACENT TO EACH SLEEPING AREA. CARBON MONOXIDE ALARMS SHALL BE PERMANENTLY WIRED WITH NO DISCONNECT SWITCH, WITH AN ALARM THAT IS AUDIBLE WITHIN SLEEPING ROOMS WHEN THE INTERVENING DOORS ARE CLOSED.

NTERIOR STUD WALL

1/2" (12.7MM) INTERIOR GYPSUM BOARD BOTH SIDES OF 2"x6" (38x140MM) STUDS

@ 16" (400MM) O.C.

9) MAIN STAIR & BASEMENT STAIR (9.8.1.2., 9.8.2., 9.8.4.)
SEE PLAN DIMENSIONS SHOWN ON SECTION GOVERNS.

MAX. RISE 200MM MIN. RUN 255MM MIN. TREAD 280MM MIN. HEADROOM 1980MM MIN. WIDTH 860MM

GUARDS/ RAILINGS (9.8.7., 9.8.8.)
FINISHED NATURAL WOOD HANDRAIL ON WOOD OR METAL POCKETS
(UNLESS OTHERWISE SHOWN) MAX. 4" (100MM) O.C. SPACING. IF HANDRAIL IS
USED AGAINST AN INTERIOR WALL THE

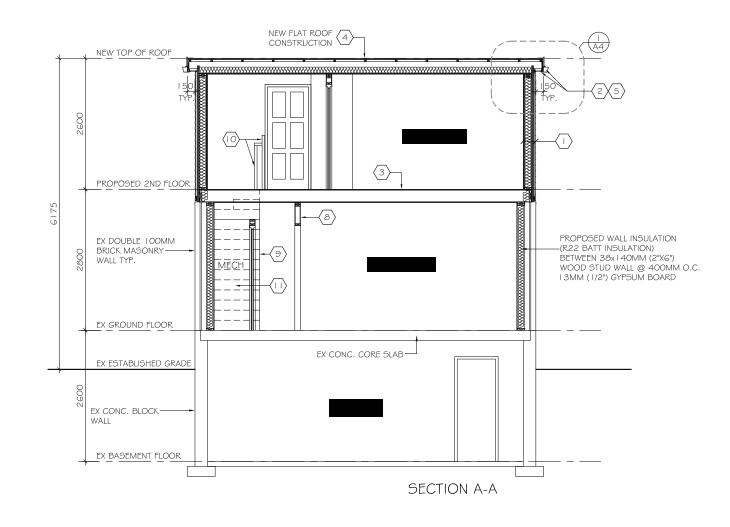
HANDRAIL MAX. HEIGHT = 42" (1070MM) HANDRAIL MIN. HEIGHT = 34" (865MM)

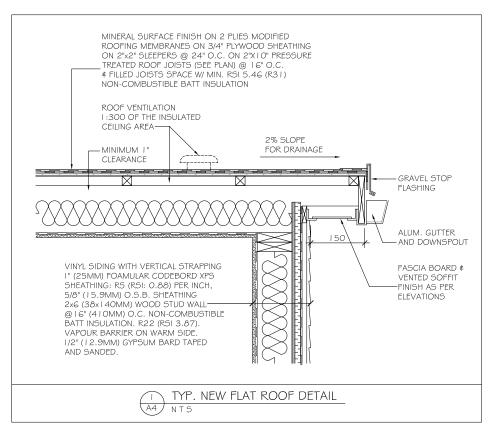
GUARDS ARE REQUIRED AROUND EVERY ACCESSIBLE SURFACE WHICH IS MORE THAN 2'-0" (GOOMM) ABOVE THE ADJACENT LEVEL.

INTERIOR AND EXTERIOR GUARDS MIN. 3'-0" (9 | 5MM) HIGH.
EXTERIOR GUARD SHALL BE 3'-6" (1070MM) HIGH WHERE HEIGHT ABOVE
ADJACENT SURFACE EXCEEDS 6'-0" (1800MM)

GUARDS SHALL HAVE OPENING SMALLER THAN 4" (100MM) AND NO MEMBER BETWEEN 140MM AND 900MM THAT WILL FACILITATE CLIMBING.

UNDERSIDE OF STAIR STRINGER
DAMP PROOF UNDERSIDE OF STAIR STRINGER WITH #45 ROLL ROOFING OR
4 MIL POLY.





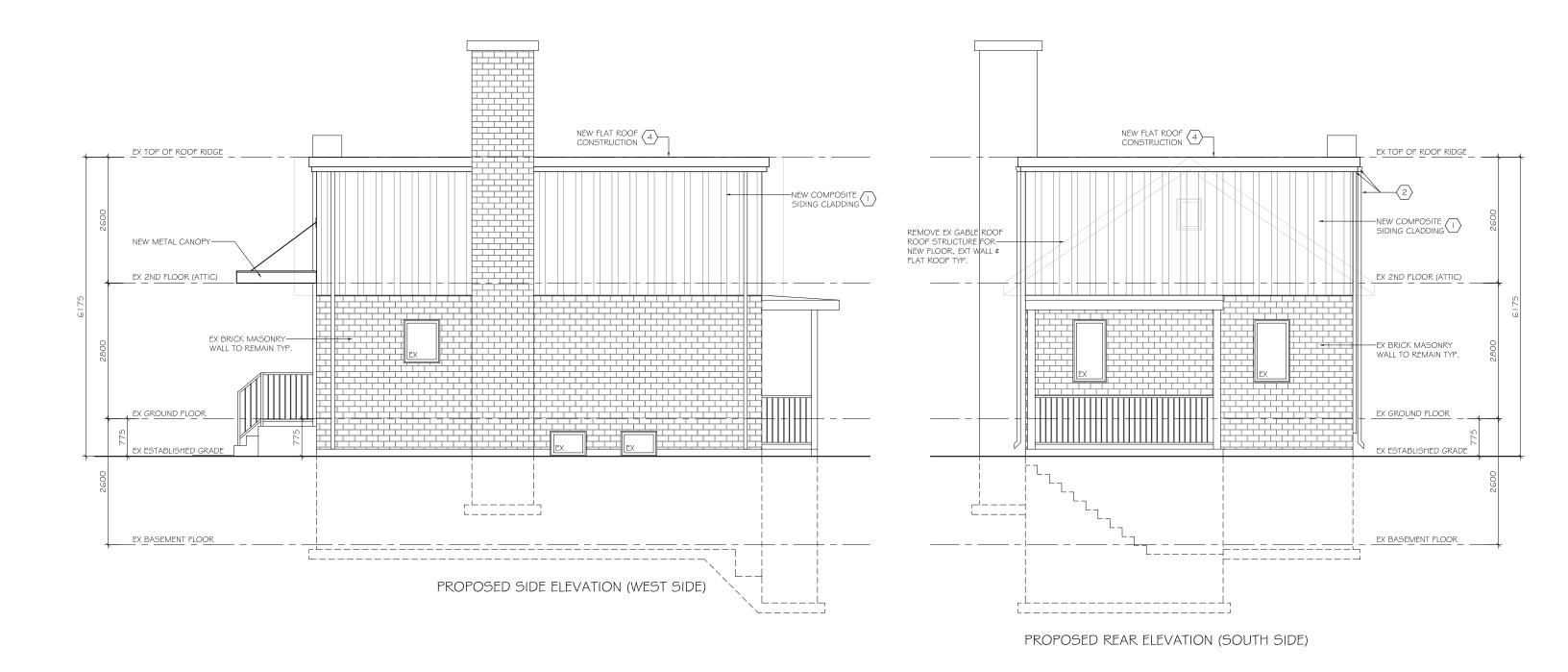


QUALIFICATION INFORMATION

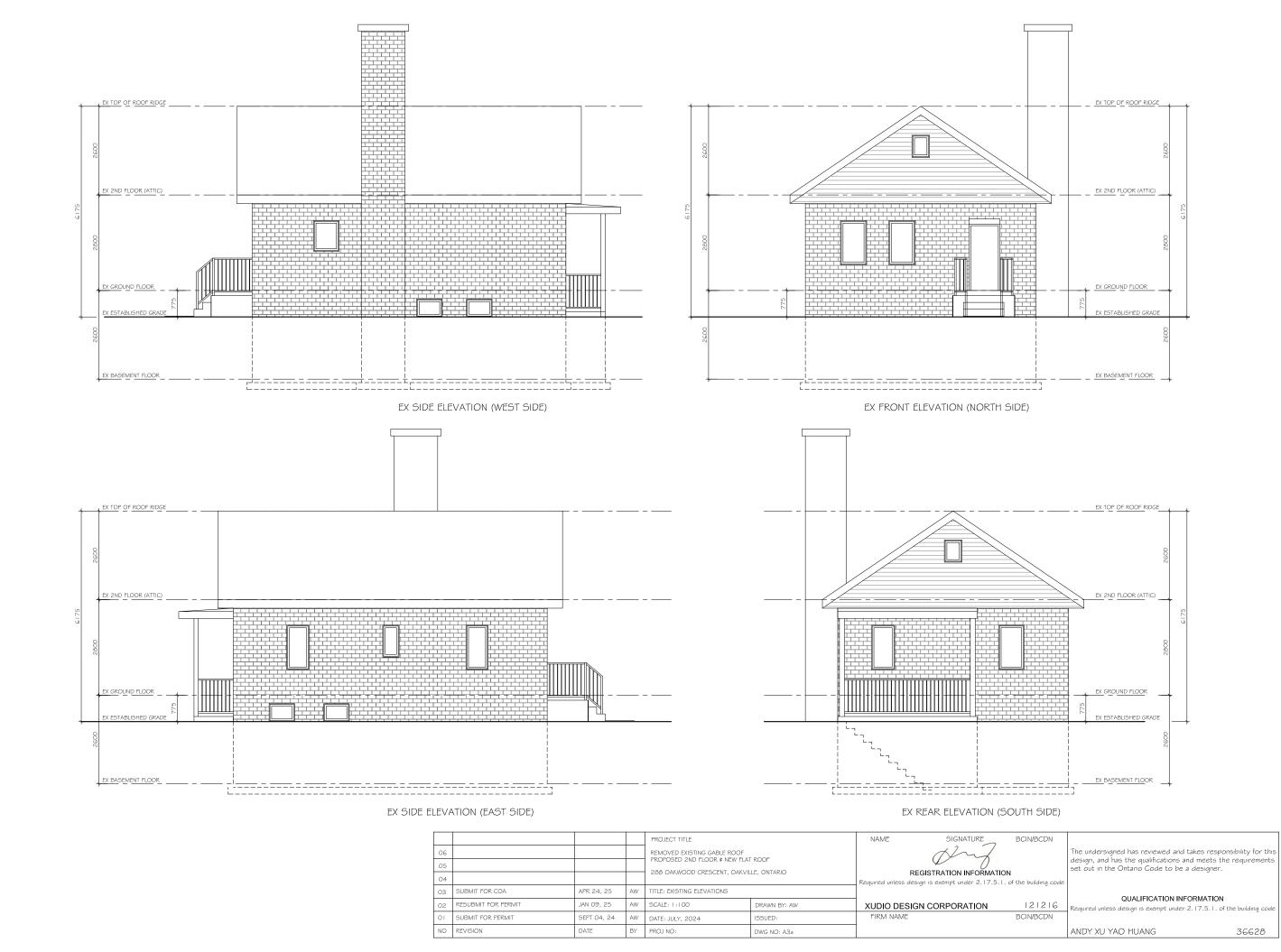
Required unless design is exempt under 2.17.5.1. of the building code

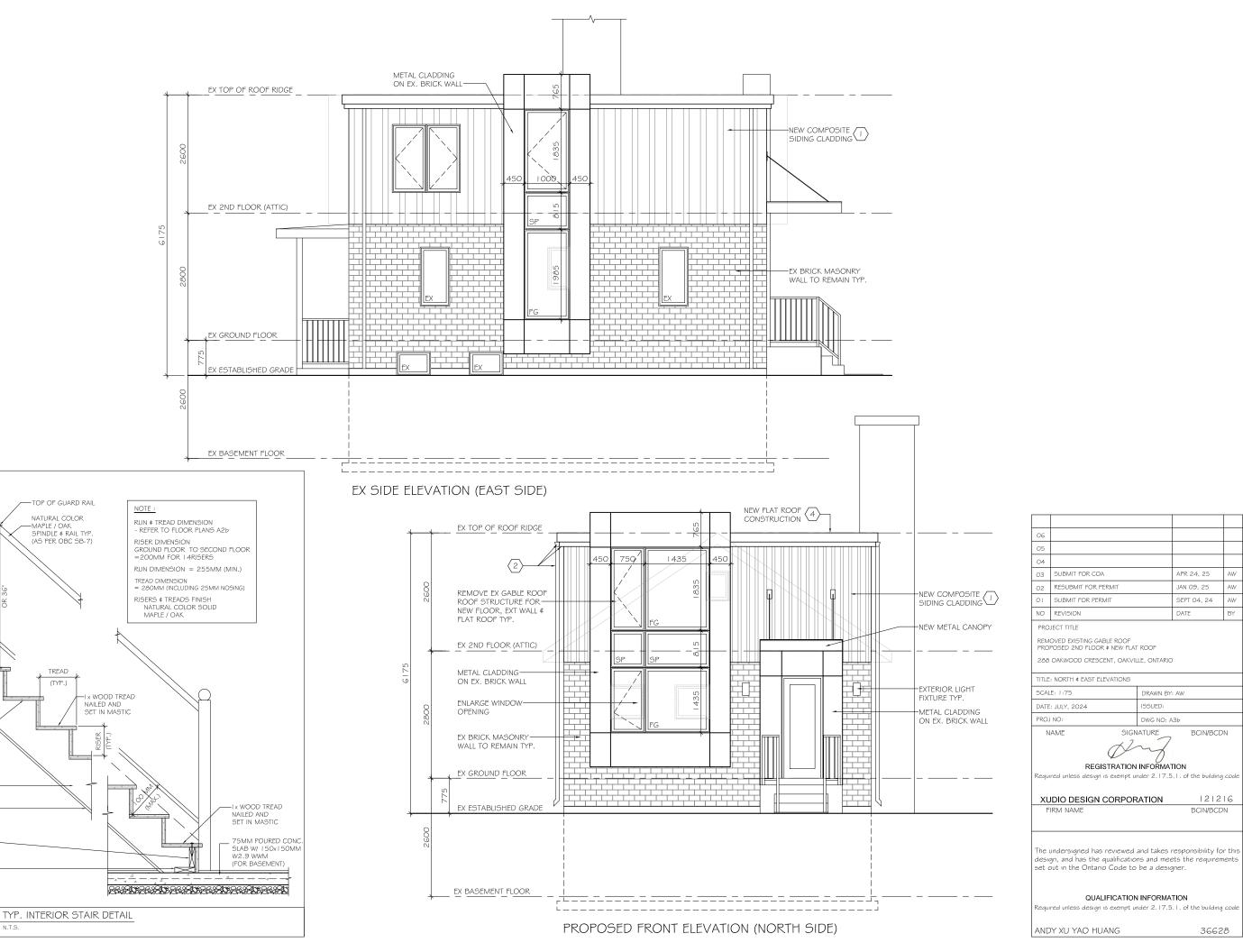
36628

ANDY XU YAO HUANG



				PROJECT TITLE		NAME	SIGNATURE	BCIN/BCDN			
06				REMOVED EXISTING GABLE ROOF	T POOF		And		The undersigned has reviewed and takes response		
05				PROPOSED 2ND FLOOR # NEW FLAT 288 OAKWOOD CRESCENT, OAKVIL		BECK	STRATION INFORMATION		design, and has the qualifications and meets tl set out in the Ontario Code to be a designer.		
04				200 GANNOOD GRESCENT, GANNE	LL, ONTAGO		s exempt under 2.17.5.1.				
03	SUBMIT FOR COA	APR 24, 25	AW	TITLE: SOUTH ¢ WEST ELEVATIONS		] ′	'	, and the second			
02	RESUBMIT FOR PERMIT	JAN 09, 25	AW	SCALE: 1:75	DRAWN BY: AW	XUDIO DESIGN (	CORPORATION	121216	QUALIFICATION INFORMATION Required unless design is exempt under 2.17.5.1. o		
01	SUBMIT FOR PERMIT	SEPT 04, 24	AW	DATE: JULY, 2024	ISSUED:	FIRM NAME		BCIN/BCDN	, ,	, and the second	
NO	REVISION	DATE	BY	PROJ NO:	DWG NO: A3c				ANDY XU YAO HUANG	36628	





APR 24, 25

JAN 09, 25

SEPT 04, 24

121216

36628

BCIN/BCDN

DRAWN BY: AW

DWG NO: A3b

ISSUED:

SIGNATURE

REGISTRATION INFORMATION

QUALIFICATION INFORMATION

-TOP OF GUARD RAIL

-MAPLE / OAK SPINDLE & RAIL TYP. (AS PER OBC SB-7)

TREAD (TYP.)

SUBFLOOR

GRD FLR. OR 2ND FLR

3-38x286MM #2 STAIR HEADER SPR. BEAM W/— FACE MOUNT HANGER CONNECTOR

HANGER CONNECTOR -

CUT PLYWOOD RISER OR TREADS, FASTEN TO IX— STAIR STRINGERS W/ GLUE

AND DRYWOOD SCREWS

19x286MM STAIR STRINGE (TYPICAL ON EACH SIDE)

DAMP PROOF UNDERSIDE-W/ #45 ROLL ROOFING

2x BLOCKING W/ 2 1/2" WD. 5C @ 100MM O.C. (TYP)

OR 4 MIL POLY.

2x BOTTOM PLATE -