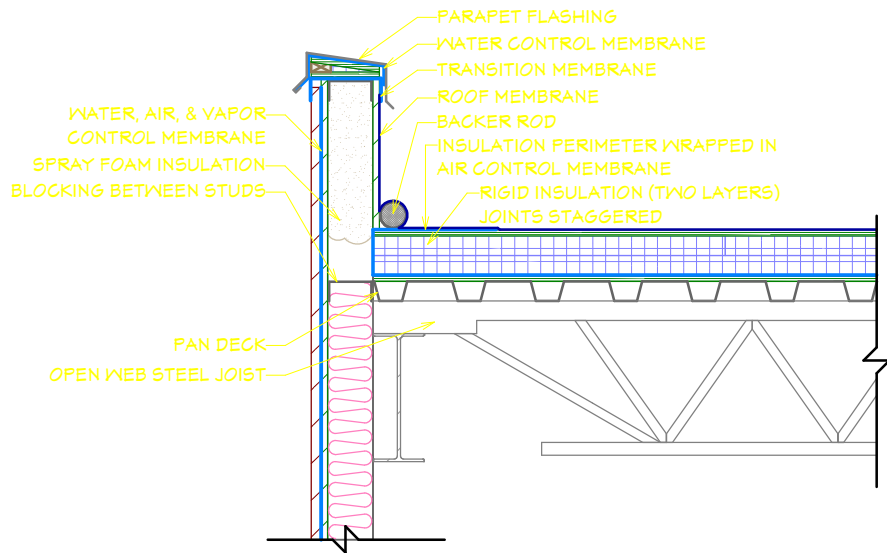
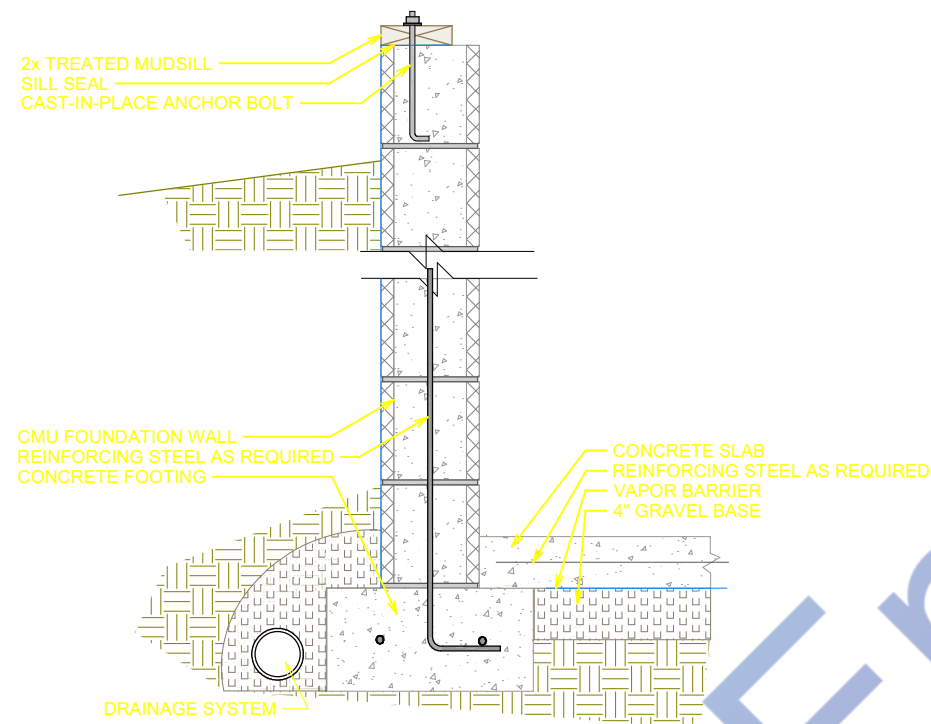


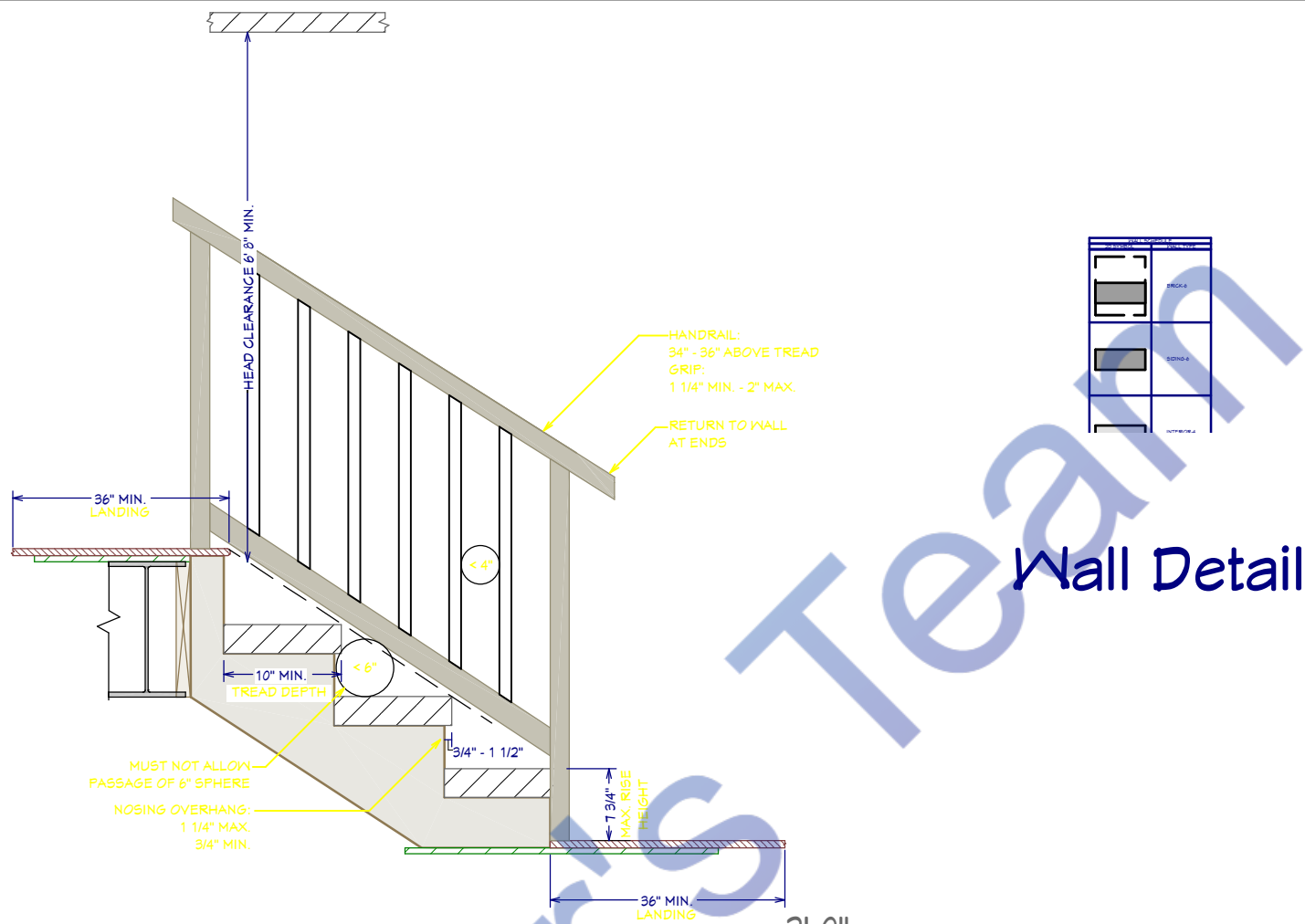


Concrete Roof Detail



CMU Basement Foundation: Unfinished
(print at 1"=1')

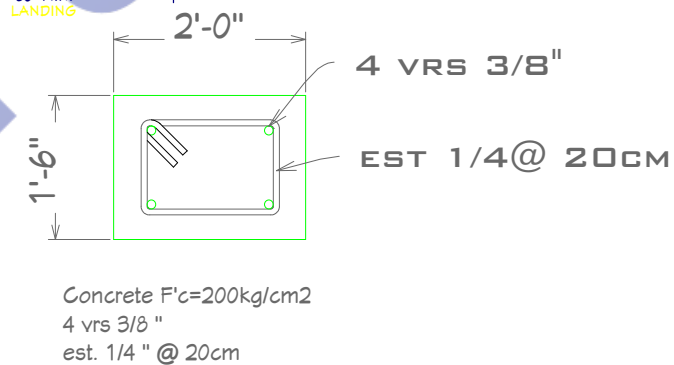
Concrete Wall Detail



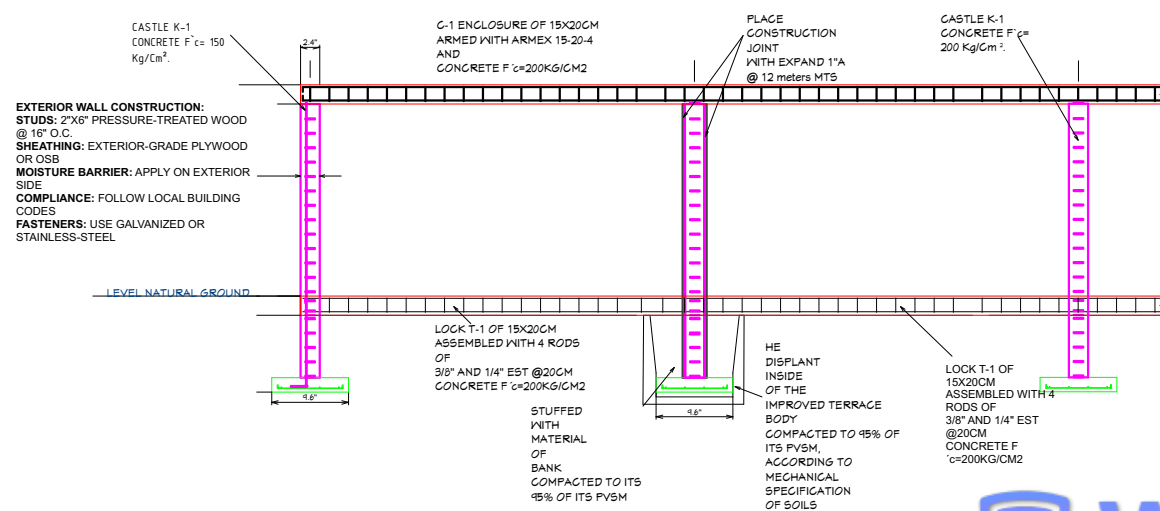
Wall Detail

STAIR & RAILING DETAIL

Stair Detail



CASTLE K-1
SCALE 1:100 ACT: CENTIMETERS



Concrete Wall Detail

AIRPORT MOTOR INN/POOL
PATIO ADDITION
170 Murray Park Rd, Winnipeg, MB
R3J 3X5, Canada

DRAWINGS BY:
ENGR. AL AMIN

DATE:

7/31/2024

SCALE:

SHEET:

A-2



Exterior Elevation Front



Exterior Elevation Back

AIRPORT MOTOR INN/POOL
PATIO ADDITION
170 Murray Park Rd, Winnipeg, MB
R3J 3X5, Canada

DRAWINGS BY:
ENGR. AL AMIN

DATE:

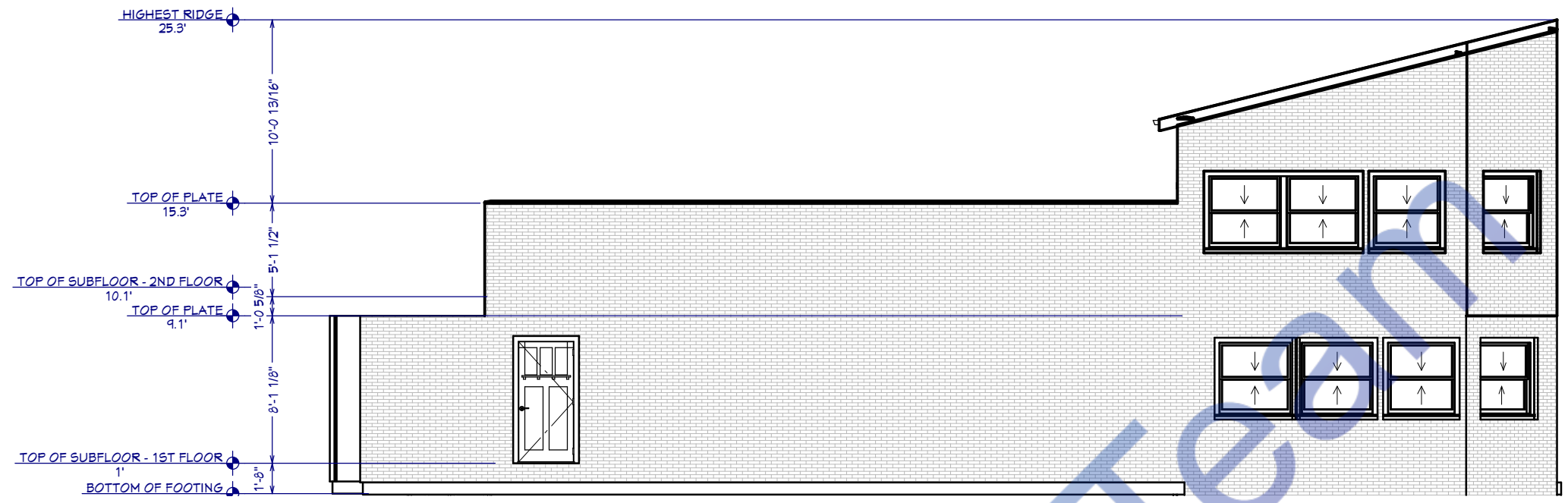
7/31/2024

SCALE:

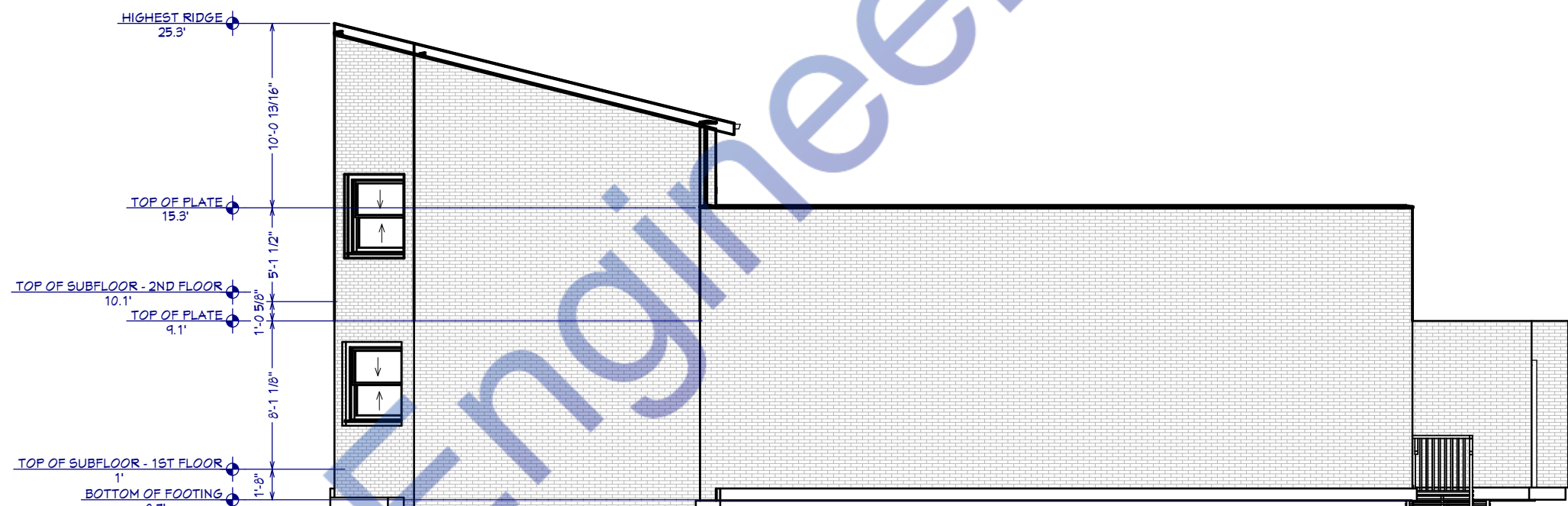
SHEET:

A-3

Watermark



Exterior Elevation Right



Exterior Elevation Left

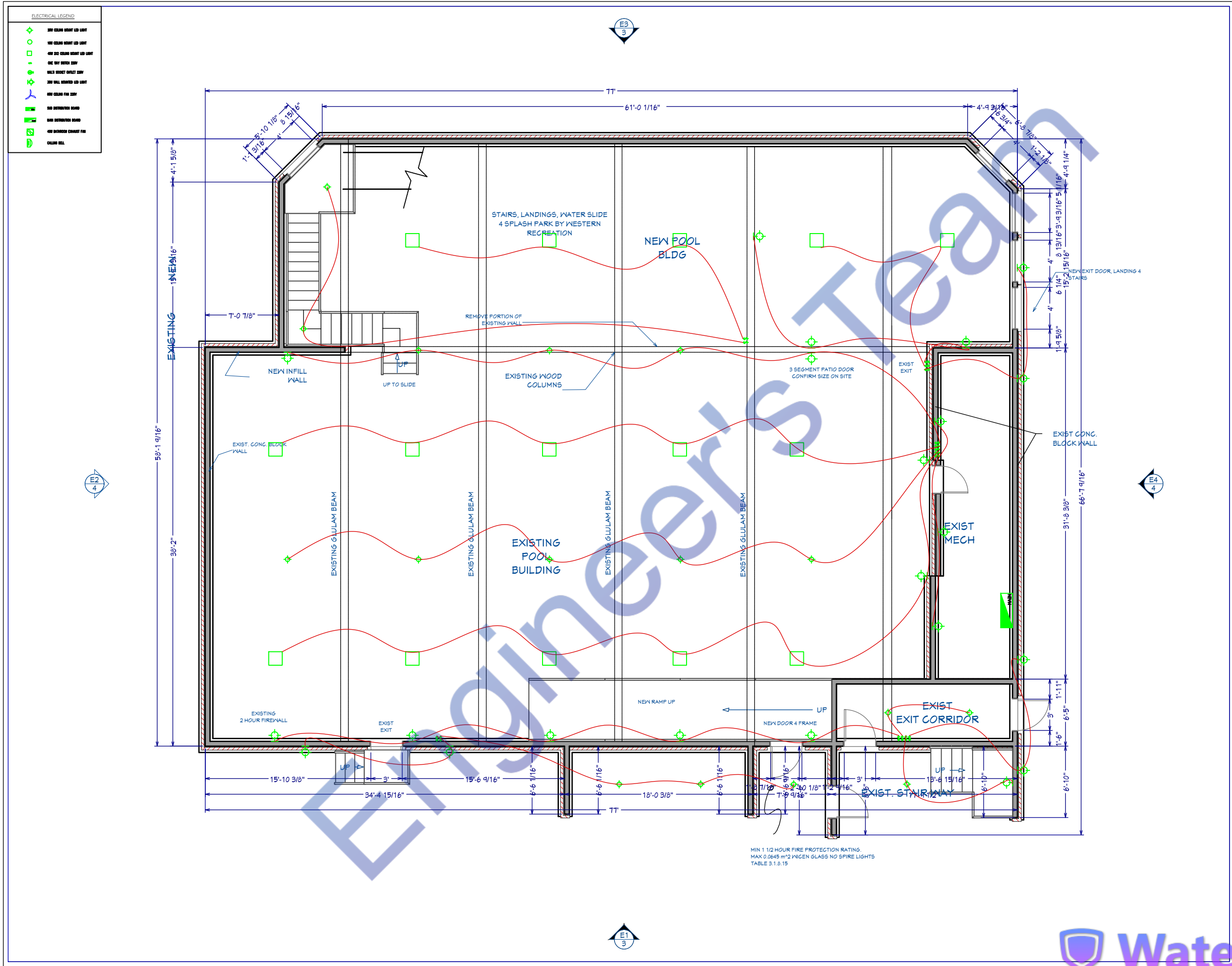
AIRPORT MOTOR INN/POOL
PATIO ADDITION
170 Murray Park Rd, Winnipeg, MB
R3J 3X5, Canada

DRAWINGS BY:
ENGR. AL AMIN

DATE:
7/31/2024

SCALE:

SHEET:
A-4



AIRPORT MOTOR INN/POOL
PATIO ADDITION
170 Murray Park Rd, Winnipeg, MB
R3J 3X5, Canada

ELECTRICAL PLAN

DRAWINGS BY:
ENGR. AL AMIN

DATE:

6/4/2024

SCALE:

1:100

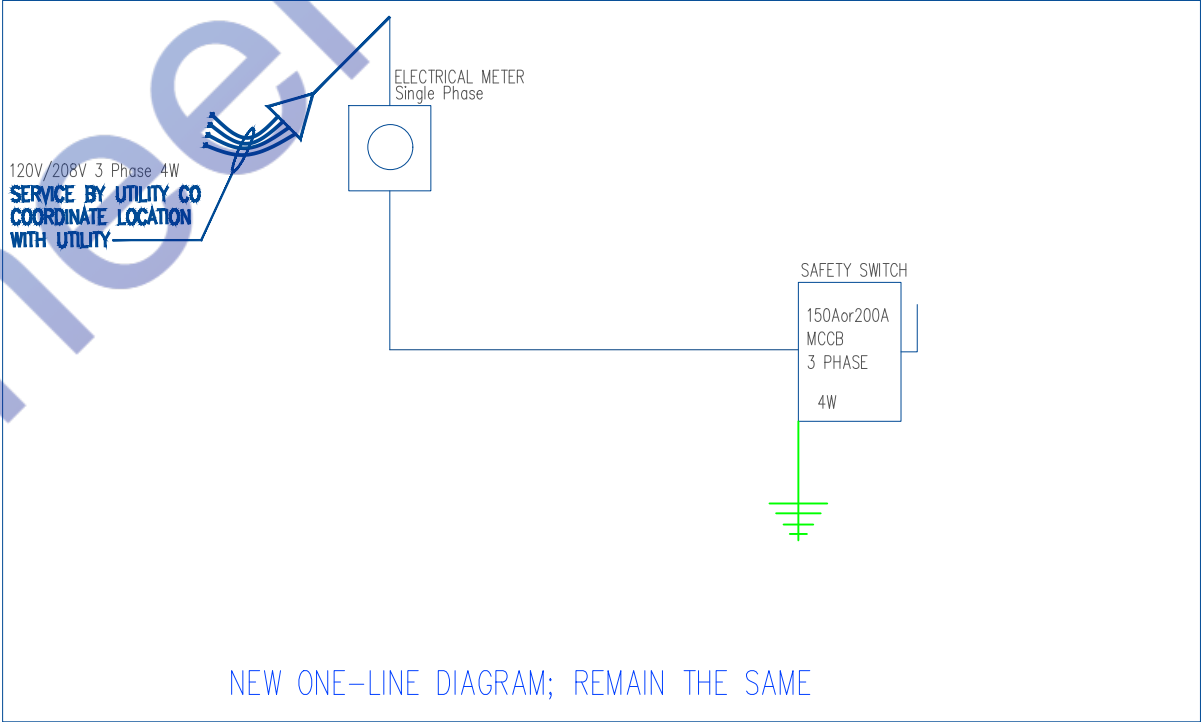
SHEET:

A-5

Watermarkly

ELECTRICAL PANEL M															
LOAD SERVED	CKT #	TYPE	BKR TRIP	WIRE SIZE	PHASE A	PHASE B	PHASE C	PHASE A	PHASE B	PHASE C	WIRE SIZE	BKR TRIP	TYPE	CKT #	LOAD SERVED
WATER PUMP	1		30	#10	2982.8			2000			#14	20		2	LIGHTS & OTHERS
WATER HEATER	3		30	#10		2000			15826		#14	20		4	HVAC & TONS
	5		30	#10			2000			15826	#14	20		6	
	7		20	#12	0			0			#14	20		8	
SPAR	9		20	#12		0		0			#14	20		10	SPAR
	11		20	#14			0		0		#14	20		12	
TOTAL VA PHASE A					2982.8			2000							4982.8
TOTAL VA PHASE B						2000			15826						17826
TOTAL VA PHASE C							2000			15826					17826
TOTAL VOLT-AMPS															40635
DIVIDE TOTAL VOLT-AMPS BY SYSTEM VOLTAGE (PHASE TO PHASE)								208	AMPS		195				
DIVIDE AMPS BY 3 PHASE MULTIPLIER								1.732	3 PHASE AMPS		113				
TOTAL CONNECTED LOAD (AMPS)											113				
TOTAL CONNECTED LOAD (AMPS) @ 125%									141						
MAIN TYPE AND AMPERE RATING									150 - 200 AMP MCCB						
PANEL FEEDER SIZE - SEE RISER DIAGRAM															

1 PANEL SCHEDULE & SERVICE CALCULATION



1 SINGLE LINE DIAGRAM

AIRPORT MOTOR INN/POOL
PATIO ADDITION
170 Murray Park Rd, Winnipeg, MB
R3J 3X5, Canada

ELECTRICAL LOAD
SHEDULE PLAN

DRAWINGS BY:
ENGR. AL AMIN

DATE:

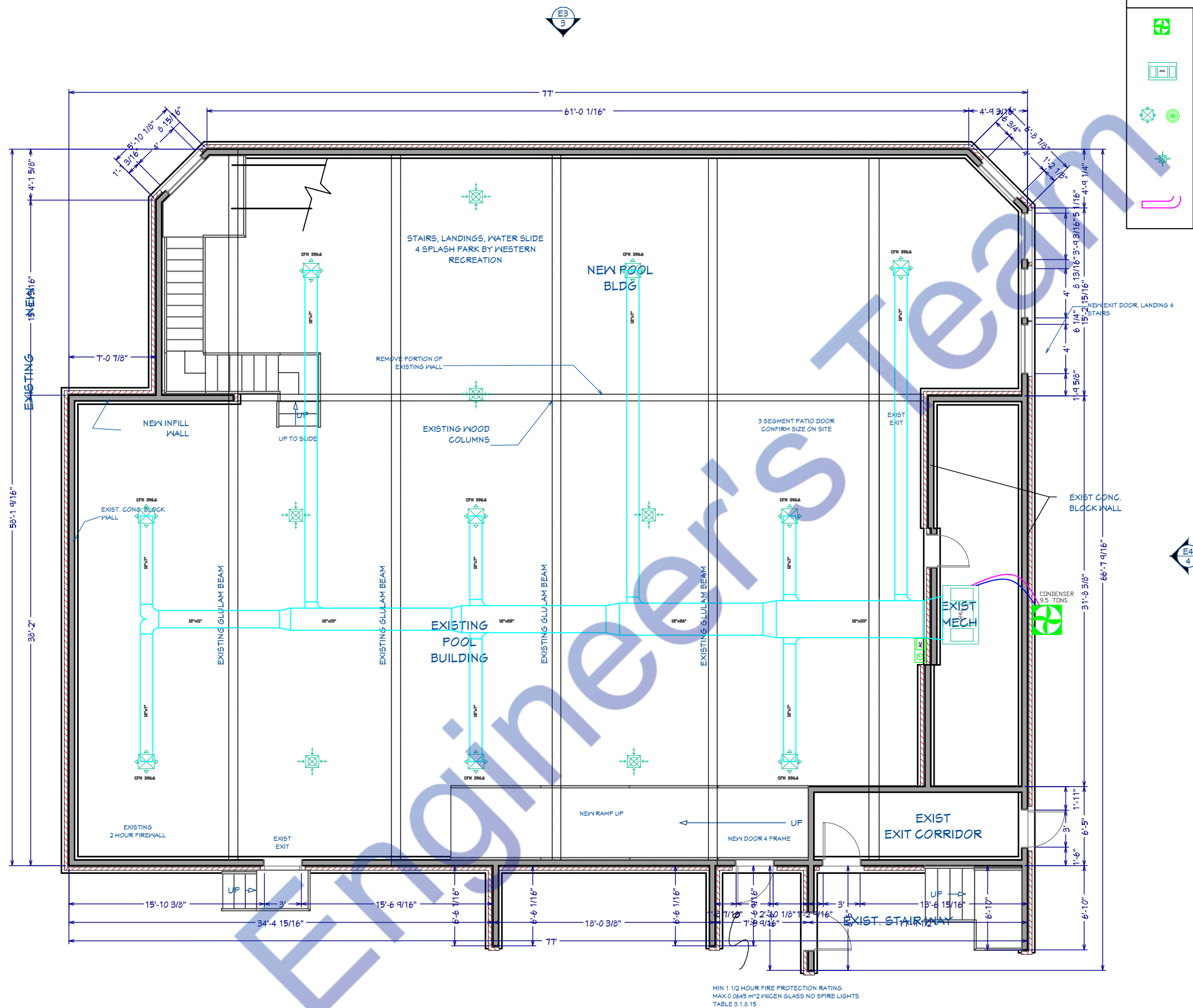
6/4/2024

SCALE:

NO SCALE

SHEET:

A-8



Mechanical Legends	
	OUTDOOR CONDENSER
	INDOOR AIR HANDLER
	SUPPLY AIR DIFFUSER
	EXHAUST AIR DIFFUSER
	SUPPLY AIR DUCT

AIRPORT MOTOR INN/POOL
PATIO ADDITION
170 Murray Park Rd, Winnipeg, MB
R3J 3X5, Canada

PLUMBING PLAN

DRAWINGS BY:
ENGR. AL AMIN

DATE:

6/4/2024

SCALE:

1:100

SHEET:

A-10

Watermarkly



Designed By Engr. Al Amin (MEP Engineer | Director - Engineer's Team LTD)



support@engrteam.com



<https://engrteam.com>

OUR SERVICES:

- MEP Plan Services
- HVAC Layout Plan
- Electrical Engineering Services
- Plumbing Engineering Services
- Fire protection & Security systems
- Specialized services

INFORMATION:

- Studio
- Contact Us
- Gift cards
- Privacy Policy
- Refund Policy
- Delivery Policy