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Mechanical and Electrical Consulting Engineers

SITE SUPPLEMENTAL INSTRUCTION

PROJECT: Forestside Estates PROJECT NO.: 18-017

Attmar & Palleschi Drive

Brampton, Ontario

CONTRACT: Electrical

DATE: May 03, 2021 SITE SI NO. E-3

THIS SITE SUPPLEMENTAL INSTRUCTION IS NOT TO BE CONSTRUED AS A CHANGE IN THE CONTRACT PRICE, BUT IS ISSUED FOR CLARIFICATION ONLY. IF A CHANGE IN CONTRACT PRICE IS PERCEIVED, PROVIDE AN ITEMIZED BREAKDOWN OF ANY EXTRAS OR CREDITS WITHIN SEVEN (7) WORKING DAYS.

PURPOSE: Revised as Mechanical SI M-1

1.0 Reference Drawings E-11 (Fire Alarm System - Electrical) Issued

1.1 Add: Fire smoke damper risers and note as shown.

PREPARED BY: __ Susan Pan _

Susan Pan

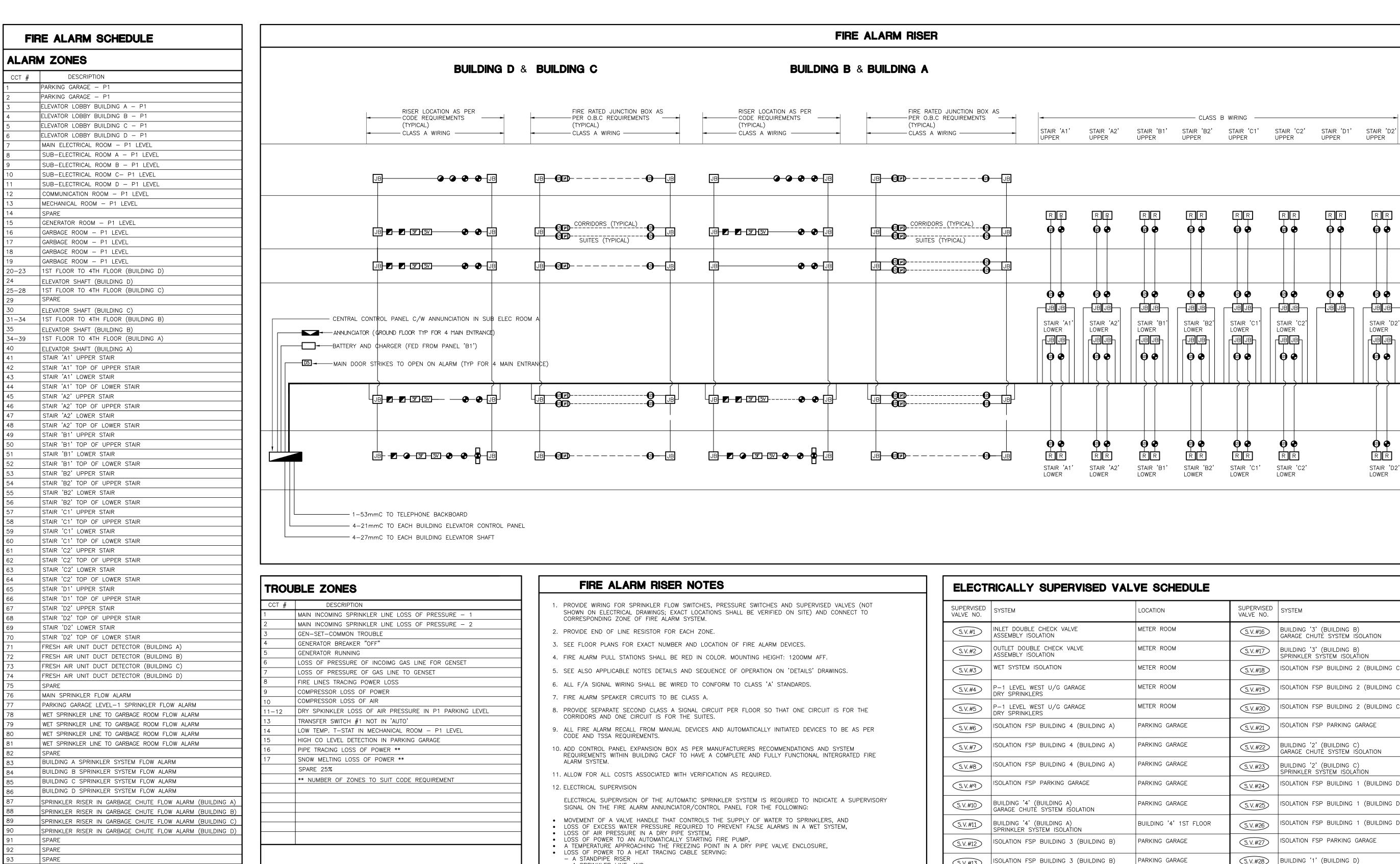
Electrical Department

ISSUED TO ROYAL PINE HOMES,

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FOR DISTRIBUTION TO ALL AFFECTED PARTIES.



FIRE SMOKE DAMPER RISER								
	BUILDING A	BUILDING B	BUILDING C	BUILDING D				
4TH FLOO								
3RD FLOC	6 F/S/D	⊕ F/S/D	F/S/D	● F /S/D				
2ND FLOO	⊕ • • • • • • • • • •	⊕ F /S/D						
	⊕ • • • • • • • • • •	6 F/S/D	⊕ F/S/D	● ● ● F /S/D				
	EB2-28	EB4-30	EB3-22	EB1-32				
GRD FLOC								

SMOKE DAMPER AND COMBINATION SMOKE AND FIRE DAMPER NOTES:

SPARE 25%

- . A SMOKE DETECTOR SHALL BE INSTALLED WITHIN 1.5M HORIZONTALLY TO EACH SMOKE DAMPER AND COMBINATION OF SMOKE AND FIRE DAMPER.
- . THE SMOKE DAMPER AND COMBINATION SMOKE AND FIRE DAMPER SHALL BE AUTOMATICALLY CLOSED UPON A SIGNAL FROM AN ADJACENT SMOKE DETECTOR DESCRIBE IN ITEM 1.
- 3. THE SMOKE DAMPER AND COMBINATION OF SMOKE AND FIRE DAMPER SHALL BE CONNECTED WITH AN EMERGENCY POWER SUPPLIES.

 A SPRINKLER LINE, AND - AN EXIT OR MEANS OF EGRESS TO KEEP IT FREE FROM ICE AND SNOW

FIRE ALARM SCHEDULE NOTES

OPERATIONAL AFTER THE ACTIVATION OF THE FIRE ALARM.

. PROVIDE ON-OFF-AUTO SELECTOR SWITCHES IN ANNUNCIATOR PANEL FOR REMOTE CONTROL OF MUA'S, GARAGE EXHAUST FANS, PRESSURIZATION FANS, AND CONTROL FOR ALL ELEVATOR AND STAIR PRESSURIZATION AS WELL AS THE AMENITY AREA ATRIUM SMOKE EXHAUST SYSTEM. 2. PROVIDE FAN SHUT-DOWN RELAYS TO DE-ENERGIZE ALL SUPPLY AIR FANS (EXCEPT MUA'S TO PUBLIC CORRIDOR) ON FIRE ALARM. MUA'S TO PROVIDE MAKE UP AIR TO PUBLIC CORRIDOR TO REMAIN

3. ELEVATOR RECALL ADJACENT CENTRAL FACILITY. 4. ELEVATOR INTERCOM ADJACENT CENTRAL FACILITY.

5. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF SUPERVISED VALVES.

6. SYSTEM TO CONFORM WITH O.B.C. SECTION 3.2.4.16 AND TO LOCAL AUTHORITY HAVING JURISDICTION. 7. ALL AUDIBLE SIGNAL WIRING TO CONFORM TO CLASS 'A' SPECIFICATIONS.

8. IN SUITE WHERE APPLICABLE THE SPEAKERS SHALL BE CAPABLE TO BE SILENCED AS REQUIRED BY CODES OR THE EQUIPMENT SHALL BE IN ACCORDANCE WITH OBC 3.2.4.19(13).

SUPERVISED VALVE NO.	SYSTEM	LOCATION	SUPERVISED VALVE NO.	SYSTEM	LOCATION
S.V.#1	INLET DOUBLE CHECK VALVE ASSEMBLY ISOLATION	METER ROOM	S.V.#16	BUILDING '3' (BUILDING B) GARAGE CHUTE SYSTEM ISOLATION	PARKING GARAGE
S.V.#2	OUTLET DOUBLE CHECK VALVE ASSEMBLY ISOLATION	METER ROOM	S.V.#17	BUILDING '3' (BUILDING B) SPRINKLER SYSTEM ISOLATION	BUILDING '3' (BUILDING B) 1ST FLOOR
S.V.#3	WET SYSTEM ISOLATION	METER ROOM	S.V.#18	ISOLATION FSP BUILDING 2 (BUILDING C)	PARKING GARAGE
S.V.#4	P-1 LEVEL WEST U/G GARAGE DRY SPRINKLERS	METER ROOM	S.V.#19	ISOLATION FSP BUILDING 2 (BUILDING C)	PARKING GARAGE
S.V.#5	P-1 LEVEL WEST U/G GARAGE DRY SPRINKLERS	METER ROOM	S.V.#20	ISOLATION FSP BUILDING 2 (BUILDING C)	PARKING GARAGE
S.V.#6	ISOLATION FSP BUILDING 4 (BUILDING A)	PARKING GARAGE	S.V.#21	ISOLATION FSP PARKING GARAGE	PARKING GARAGE
S.V.#7	ISOLATION FSP BUILDING 4 (BUILDING A)	PARKING GARAGE	S.V.#22	BUILDING '2' (BUILDING C) GARAGE CHUTE SYSTEM ISOLATION	PARKING GARAGE
S.V.#8	ISOLATION FSP BUILDING 4 (BUILDING A)	PARKING GARAGE	S.V.#23	BUILDING '2' (BUILDING C) SPRINKLER SYSTEM ISOLATION	BUILDING '2' (BUILDING C) 1ST FLOOR
S.V.#9	ISOLATION FSP PARKING GARAGE	PARKING GARAGE	S.V.#24	ISOLATION FSP BUILDING 1 (BUILDING D)	PARKING GARAGE
S.V.#10	BUILDING '4' (BUILDING A) GARAGE CHUTE SYSTEM ISOLATION	PARKING GARAGE	S.V.#25	ISOLATION FSP BUILDING 1 (BUILDING D)	PARKING GARAGE
S.V.#11	BUILDING '4' (BUILDING A) SPRINKLER SYSTEM ISOLATION	BUILDING '4' 1ST FLOOR	S.V.#26	ISOLATION FSP BUILDING 1 (BUILDING D)	PARKING GARAGE
S.V.#12	ISOLATION FSP BUILDING 3 (BUILDING B)	PARKING GARAGE	S.V.#27	ISOLATION FSP PARKING GARAGE	PARKING GARAGE
S.V.#13	ISOLATION FSP BUILDING 3 (BUILDING B)	PARKING GARAGE	S.V.#28	BUILDING '1' (BUILDING D) GARAGE CHUTE SYSTEM ISOLATION	PARKING GARAGE
S.V.#14	ISOLATION FSP BUILDING 3 (BUILDING B)	PARKING GARAGE	S.V.#29	BUILDING '1' (BUILDING D) SPRINKLER SYSTEM ISOLATION	BUILDING '1' (BUILDING D) 1ST FLOOR
S.V.#15	ISOLATION FSP PARKING GARAGE	PARKING GARAGE		SPARE	
	SPARE			SPARE	
				SPARE 25%	

TOP GARBAGE CHUTE

RRRR

STAIR 'D

LIBIB

| ❷ �

STAIR 'D2'

LOWER

LAB AB

3RD FLOOI

2ND FLOOF

1ST FLOOR

P1 PLAN

. PROVIDE ALLOWANCE FOR ADDITIONAL SUPERVISED VALVES UPON SUBMISSION OF SPRINKLER SHOP DRAWINGS

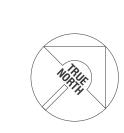
08 SP SSUED FOR SI E-3 7 SP ISSUED FOR PROGRESSIVE CONSTRUCTION MAR. 26, 202 06 | SP | ISSUED FOR PERMIT BUILDINGs A, B, C, D |MAR. 03, 202 05 SP ISSUED FOR ADD E-4 04 SP SSUED FOR ADD E-3 03 | SP | ISSUED FOR PERMIT 2 SP ISSUED FOR ADD E-2 SP ISSUED FOR TENDER

DESCRIPTION REVISIONS

This drawing, is an instrument of service, is provided by and is the property of United Engineering Inc. The contractor must verify and accept responsibility for all dimensions and conditions on site and must notify United Engineering Inc. of any discrepancy before proceeding.

United Engineering Inc. is not responsible for the accuracy of Architectural, structural, interior design, etc. on this drawing. Refer to the appropriate trade drawings before proceeding with any work. Installation must

conform to all applicable codes and requirements of the authorities having jurisdiction. This drawing is not to be scaled, all symbols are graphic representations only.



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FIRE ALARM SYSTEM

ELECTRICAL

BRAMPTON STACKED FORESTSIDE ESTATES

attmar + Palleschi Drive BRAMPTON, ONTARIO

MG PROJECT 18-017 MAY, 2019

NTS