

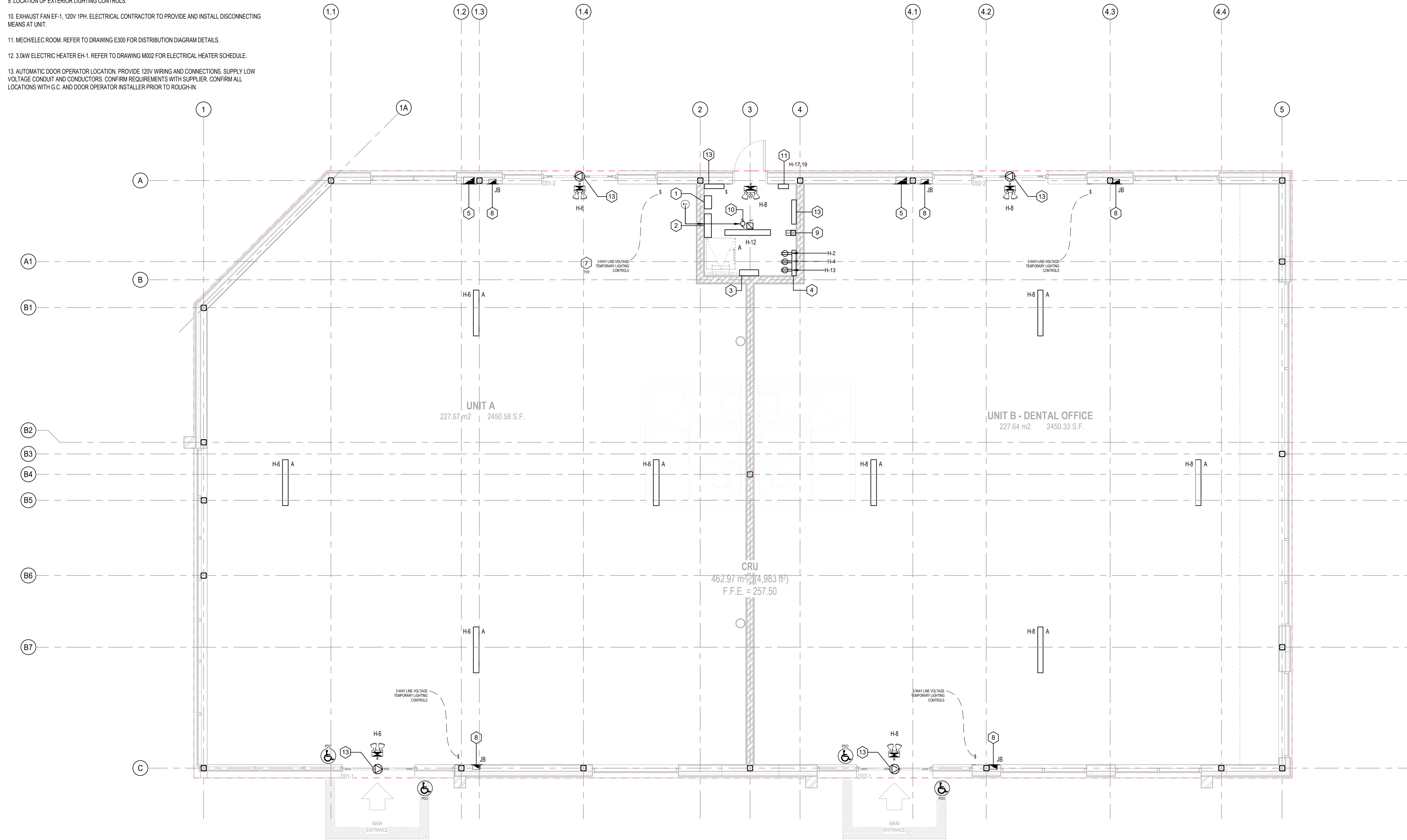
ELECTRICAL KEYNOTES (DENOTED BY): #

1. LOCATION OF THE MAIN DISCONNECT SWITCH
2. LOCATION OF SPLITTER, DISCONNECT AND METERS
3. LOCATION OF HOUSE PANEL 20"W x 6"D x 48"H.
4. LOCATION OF FIRE RATED PLYWOOD BACKBOARD FOR COMMUNICATION DEMARC. PROVIDE #6 BOND BACK TO BUILDING GROUND. TYPICAL SIZE: 48"L X 96"H X 3/4" T. PROVIDE (2) DEDICATED RECEPTACLES TO BE FED FROM HOUSE PANEL.
5. LOCATION OF FUTURE TENANT ELECTRICAL PANEL. REFER TO DRAWING E300 FOR MORE DETAIL. COORDINATE PANEL LOCATION WITH TENANT'S DRAWINGS PRIOR TO ROUGH-IN.
6. JUNCTION BOX FOR TENANTS COMMUNICATION SERVICES. CONFIRM EXACT MOUNTING & LOCATION ON SITE. RUN 2" CONDUIT FROM JUNCTION BOX TO COMMUNICATION BACKBOARD WITHIN MECHANICAL ROOM.
7. TEMPORARY LIGHTING TO BE FED FROM HOUSE PANEL. TYPICAL AS INDICATED. FINAL LIGHTING LAYOUT BY TENANT.
8. PROVIDE ROUGH-IN FOR TENANT SIGNAGE TO BE LOCATED AT HIGH LEVEL. PROVIDE 3/4" CONDUIT C/W PULL STRING TO TENANT PANEL LOCATION (TYPICAL).
9. LOCATION OF EXTERIOR LIGHTING CONTROLS.
10. EXHAUST FAN EF-1, 120V 1PH. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL DISCONNECTING MEANS AT UNIT.
11. MECH/ELEC ROOM. REFER TO DRAWING E300 FOR DISTRIBUTION DIAGRAM DETAILS.
12. 3.0KW ELECTRIC HEATER EH-1. REFER TO DRAWING M002 FOR ELECTRICAL HEATER SCHEDULE.
13. AUTOMATIC DOOR OPERATOR LOCATION. PROVIDE 120V WIRING AND CONNECTIONS. SUPPLY LOW VOLTAGE CONDUIT AND CONDUCTORS. CONFIRM REQUIREMENTS WITH SUPPLIER. CONFIRM ALL LOCATIONS WITH G.C. AND DOOR OPERATOR INSTALLER PRIOR TO ROUGH-IN.

LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION
TYPE 'A'	4' LED FIXTURE, LITHONIA LIGHTING, CAT# ZL1N L48 ASR 3000LM LALENS MVOLT 35K 80CRI WH

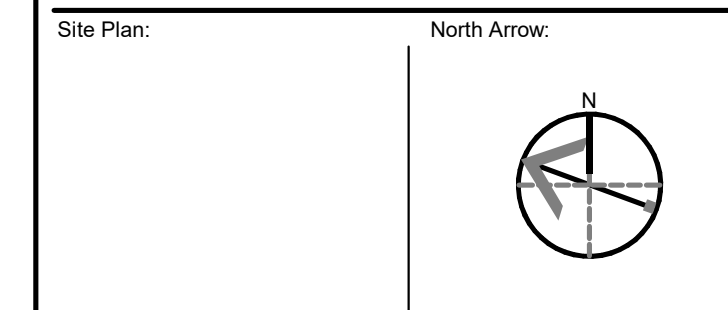
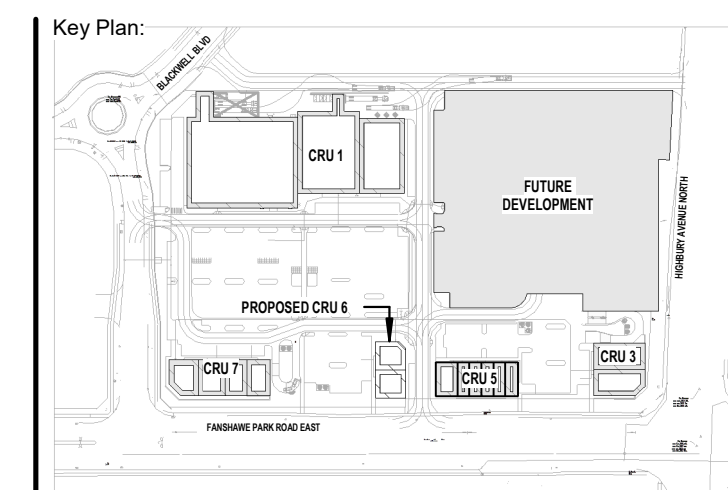
NOTE:

- SEE THE SPECIFICATIONS ON SHEET E002 - SECTION 26 53 50 EMERGENCY LIGHTING UNITS FOR EMERGENCY LIGHTING BATTERY PACK SPECIFICATIONS.
- COORDINATE ALL PANEL FINAL LOCATIONS WITH OWNER REPRESENTATIVE.



ELECTRICAL FLOOR PLAN

SCALE: 1 : 50



Consultant:



CS@CREATIVESTR.CA

Seal: Seal:

General Notes:

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CONSTRUCTION TO BE ACCORDING TO BEST COMMON PRACTICE.

CONTRACTOR IS FULLY RESPONSIBLE FOR MATTERS AFFECTING CONSTRUCTION.

ANY MATERIAL ALTERATIONS CARRIED OUT DURING CONSTRUCTION BY THE CONTRACTOR OR ASSOCIATED SUB-CONTRACTOR SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO INSTALL. FAILURE TO DO SO RESULTS IN FULL CONTRACTOR RESPONSIBILITY FOR SYSTEMS AFFECTED.

No.	Date	Revision
2	Apr 03, 2024	ISSUED FOR TENDER

ISSUES/REVISION TABLE

Project:

WESTDELL
DEVELOPMENT CORP

1300 FANSHAW PARK RD. EAST. - CRU #6

1300 FANSHAW PARK RD. EAST. LONDON, ON.

Drawing Title:

ELECTRICAL LAYOUT - FLOOR PLAN

Drawn By: D.K. Scale: AS INDICATED

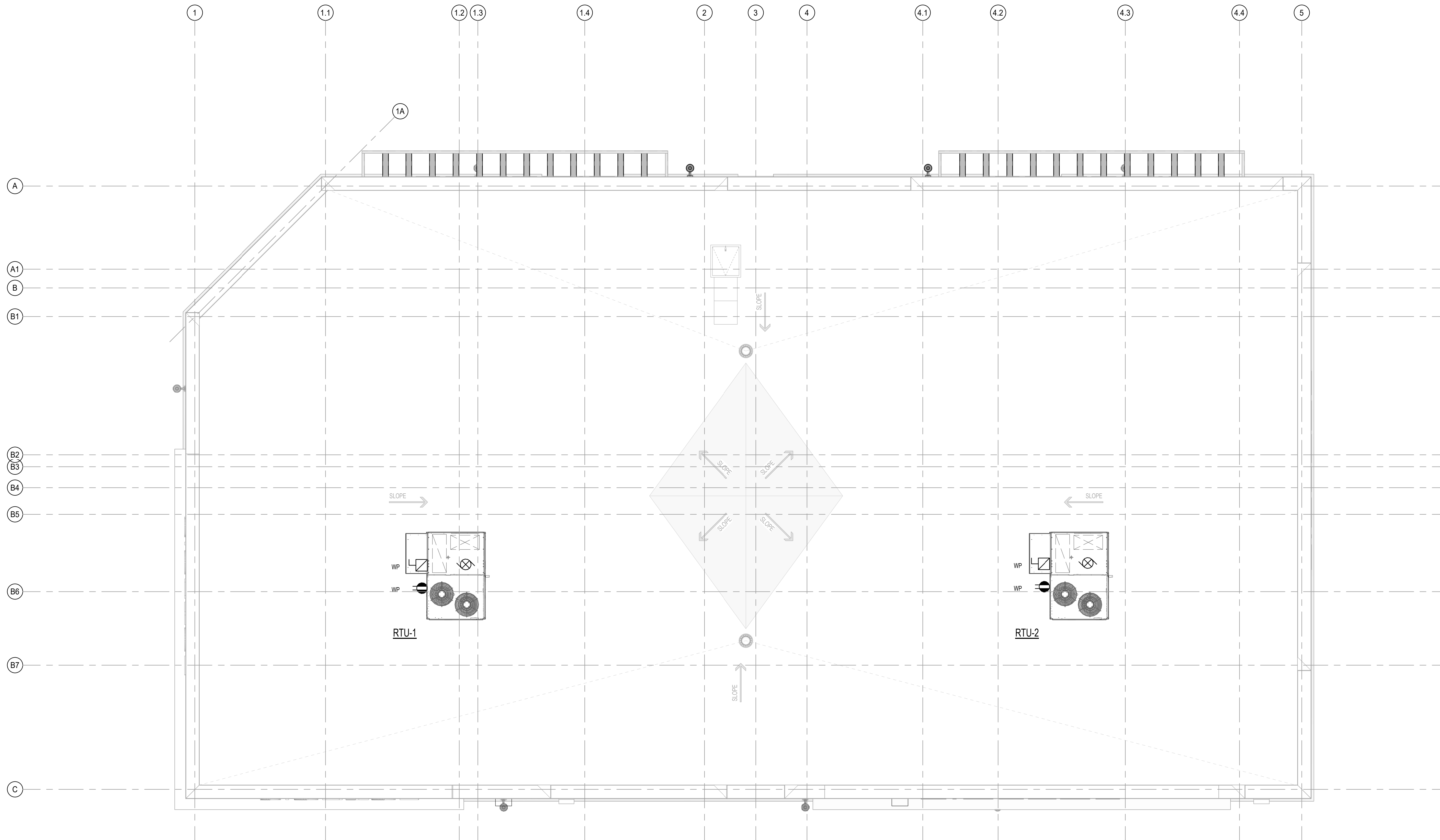
Checked By: W.A. Plot Date: APR 03, 2024

Project Date: JAN 2024

Project No: 2023-102

Drawing No: Revision

E100 **2**



ELECTRICAL ROOF PLAN

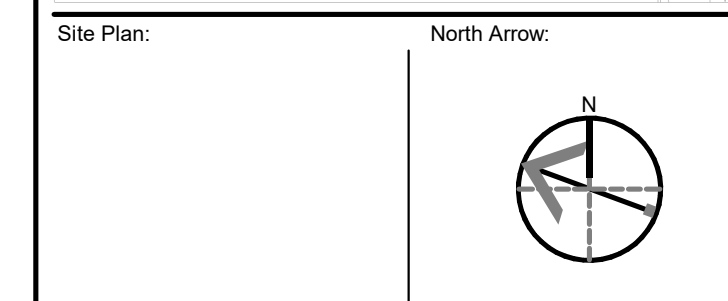
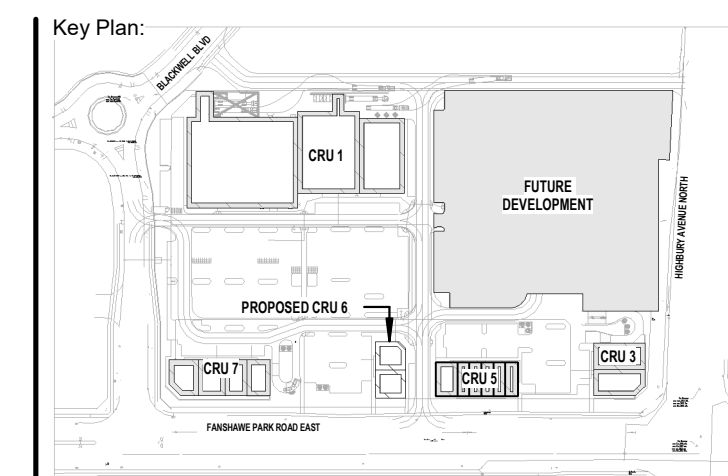
SCALE: 1 : 50

GENERAL NOTES:

- ALLOW ADEQUATE SPACING AROUND ALL CONDUIT & CABLE PENETRATIONS FOR PROPER FIRE STOPPING. CONSULT WITH G.C. ON SITE. ELECTRICAL CONTRACTOR TO ENSURE ARMoured & COMMUNICATION CABLES ARE NOT RUN IN CONTACT WITH CPVC SPRINKLER OR WATER PIPING.
- ELECTRICAL CONTRACTOR TO ENSURE ARMoured & COMMUNICATION CABLES ARE NOT RUN IN CONTACT WITH CPVC SPRINKLER OR WATER PIPING.
- ENSURE EXIT LIGHTS ARE VISIBLE BELOW ALL PIPING AND OBSTRUCTIONS.
- NO SERVICES ARE TO BE INSTALLED IN TRANSFORMER VAULTS, ELEVATOR MACHINE ROOMS OR EXIT STAIRWELLS UNLESS THEY SERVE THE ROOM THEY ARE INSTALLED IN, OR ARE INSTALLED WITHIN A FIRE RATED BULKHEAD.

ELECTRICAL KEYNOTES (DENOTED BY) :

1. ALL RECEPTACLES ON THE ROOF ARE TO BE MOUNTED AT 36" ABOVE THE TOP OF THE ROOFING MATERIAL AND PROTECTED FROM MECHANICAL DAMAGE. ENSURE GFCI PROTECTION (TYPICAL).
2. ROOF TOP UNITS PROVIDED BY MECHANICAL. ELECTRICAL CONTRACTOR TO INSTALL AND PROVIDE WEATHERPROOF NON-FUSED DISCONNECTING MEANS AT UNIT. RUN FEEDER BACK TO ELECTRICAL SERVICE LOCATION FOR THAT TENANT. REFER TO DISTRIBUTION DIAGRAM ON DRAWING E300 (TYPICAL).
3. LOCATION OF EXTERIOR LIGHTING PHOTOCELL.



Seal: _____ Seal: _____

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No.	Date	Revision
2	Apr 03, 2024	ISSUED FOR TENDER

ISSUES/REVISION TABLE

Project:
WESTDELL
 DEVELOPMENT CORP
 1300 FANSHAWE PARK RD.
 EAST. - CRU #6
 1300 FANSHAWE PARK RD. EAST. LONDON, ON

Drawing Title:

ELECTRICAL LAYOUT - ROOF PLAN

Drawn By: D.K. Scale: AS INDICATED

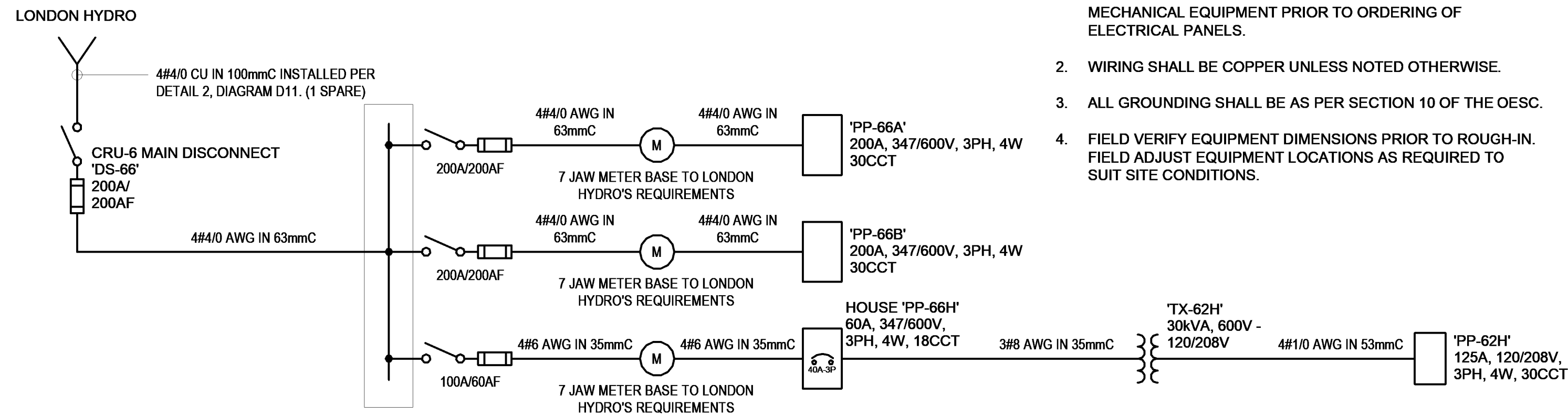
Checked By: W.A. Plot Date: APR 03, 2024

Project Date: JAN 2024

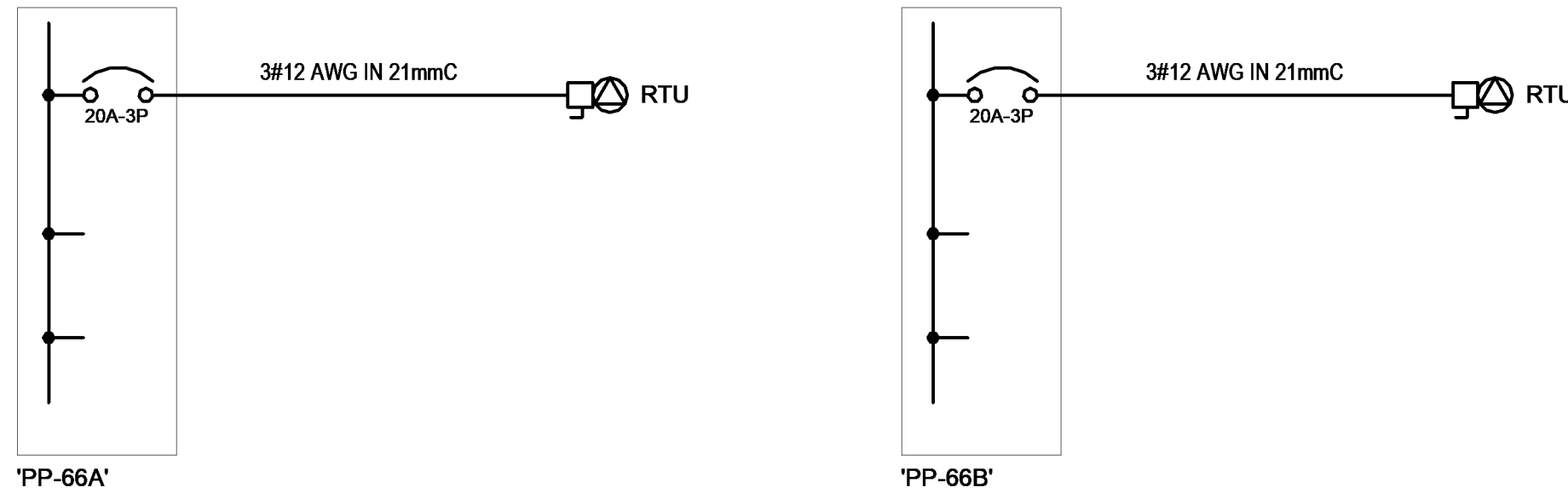
Project No: 2023-102

Drawing No: _____ Revision

E101 | **2**



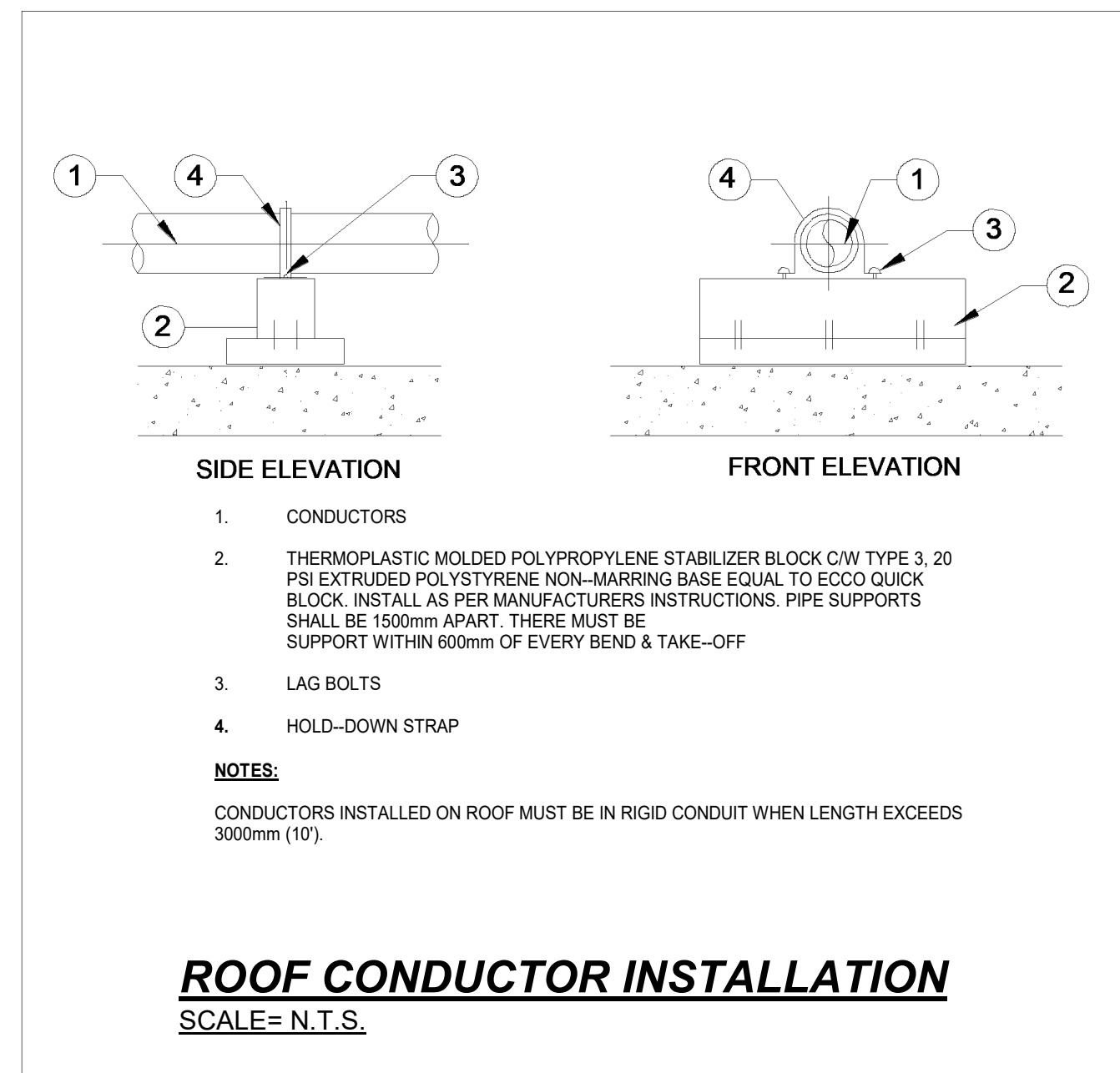
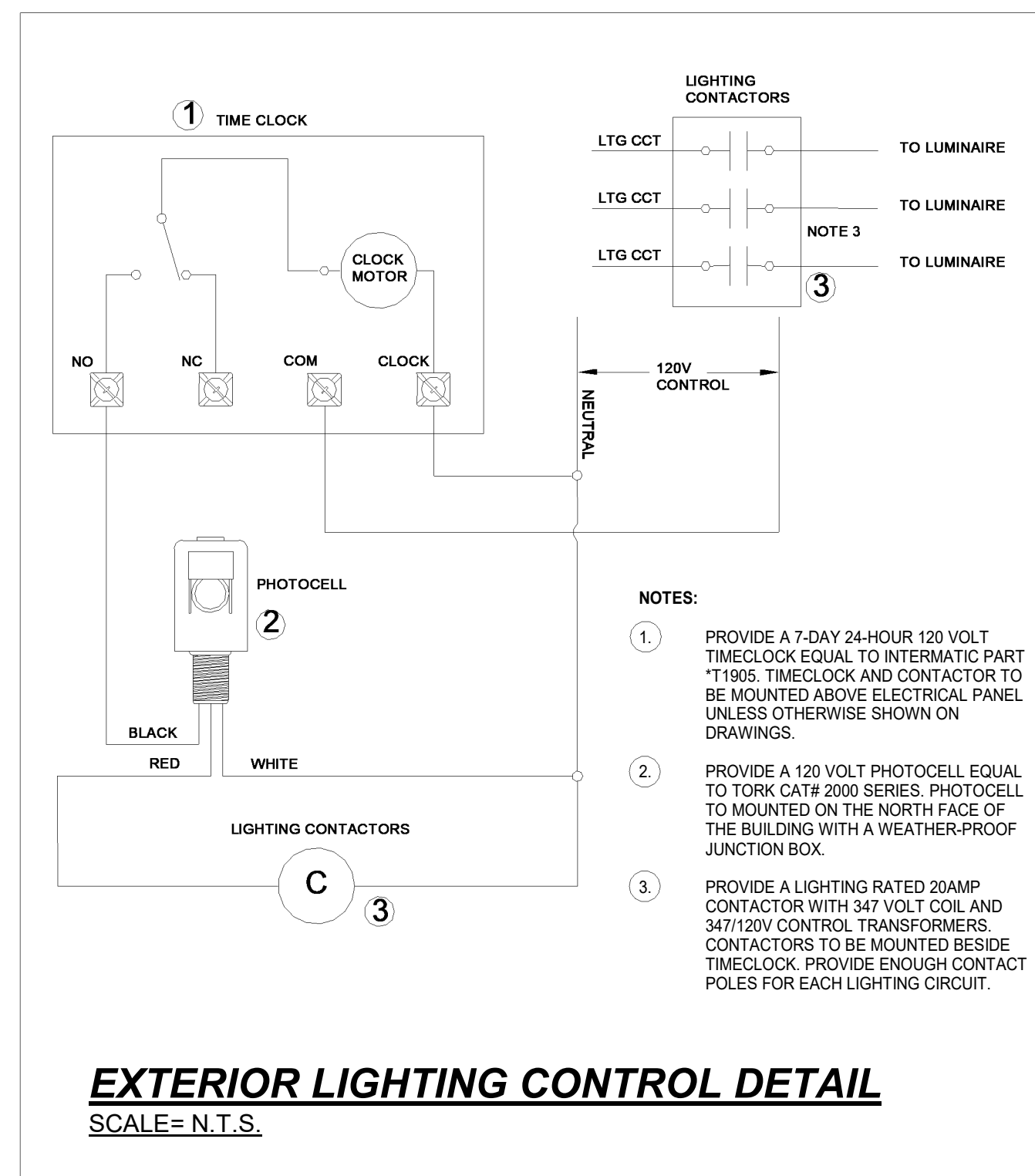
- NOTES:**
1. VERIFY AND COORDINATE BREAKER SIZES FOR ALL MECHANICAL EQUIPMENT PRIOR TO ORDERING OF ELECTRICAL PANELS.
 2. WIRING SHALL BE COPPER UNLESS NOTED OTHERWISE.
 3. ALL GROUNDING SHALL BE AS PER SECTION 10 OF THE OESC.
 4. FIELD VERIFY EQUIPMENT DIMENSIONS PRIOR TO ROUGH-IN. FIELD ADJUST EQUIPMENT LOCATIONS AS REQUIRED TO SUIT SITE CONDITIONS.



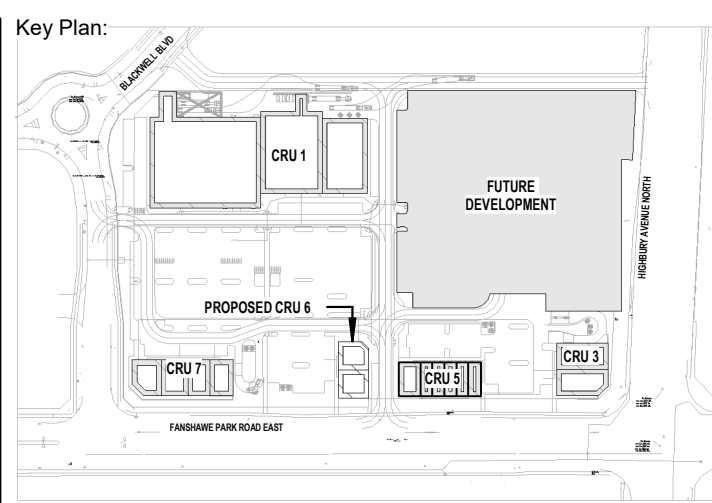
LOAD CALCULATION - UNIT 6A	
Area (sq.m)	228
Base Load (30 W/sq.m):	6,829
HVAC (W):	18,000
Misc. (W):	10,000
Total (W):	35,057
Tenant Service:	200A, 347/600V

LOAD CALCULATION - UNIT 6B	
Area (sq.m)	228
Base Load (30 W/sq.m):	6,829
HVAC (W):	18,000
Misc. (W):	10,000
Total (W):	35,057
Tenant Service:	200A, 347/600V

LOAD CALCULATION - TOTAL	
Area (sq.m)	455
Base Load (30 W/sq.m):	13,658
HVAC (W):	36,000
Misc. (W):	20,000
Total (W):	70,114
Tenant Service:	200A, 347/600V



HOME PANEL SCHEDULE									
PANEL: PP-2H					MOUNTING: SURFACE				
VOLTAGE: 120/208									
PHASE: 3 PHASE, 4 WIRE									
MAINS: 100A									
LOCATION: ELEC RM.									
DESCRIPTION	WIRE SIZE	VA	BREAKER	Ø	BREAKER	VA	WIRE SIZE	DESCRIPTION	
EXTERIOR LIGHT			20A 1	A	2	20A		EXTERIOR LIGHT	
EXTERIOR LIGHT			20A 3	B	4	20A		EXTERIOR LIGHT	
EXTERIOR LIGHT			20A 5	C	6	20A		INTERIOR LIGHT	
PDO			20A 7	A	8	20A		INTERIOR LIGHT	
INTERIOR LIGHTS			20A 9	B	10				
EF-1			20A 11	C	12				
HEATER			20A 13	A	14				
HVAC RECEP			20A 15	B	16				
HVAC RECEP			20A 17	C	18				
				19	A	20			
				21	B	22	20A	SPARE	
				23	C	24	20A	SPARE	



Site Plan: North Arrow:



Consultant: Seal: Seal:

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No.	Date	Revision
2	Apr 03, 2024	ISSUED FOR TENDER

ISSUES/REVISION TABLE

Project: **WESTDELL** DEVELOPMENT CORP
1300 FANSHAWE PARK RD. EAST. - CRU #6
1300 FANSHAWE PARK RD. EAST. LONDON, ON

Drawing Title: **DISTRIBUTION DIAGRAM AND ELECTRICAL DETAILS**

Drawn By: D.K. Scale: AS INDICATED
Checked By: W.A. Plot Date: APR 03, 2024
Project Date: JAN 2024
Project No: 2023-102

Drawing No: **E300** Revision: **2**