

ELECTRICAL FLOOR PLAN

SCALE: 1 : 100

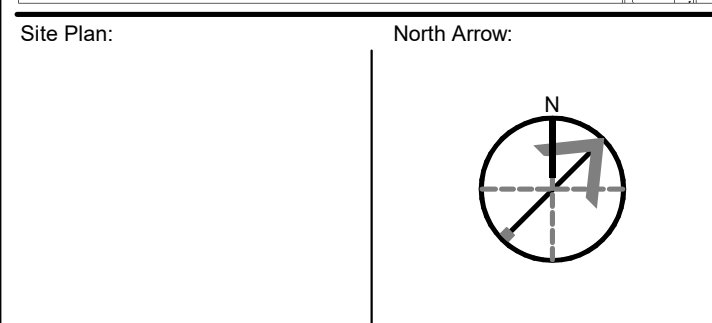
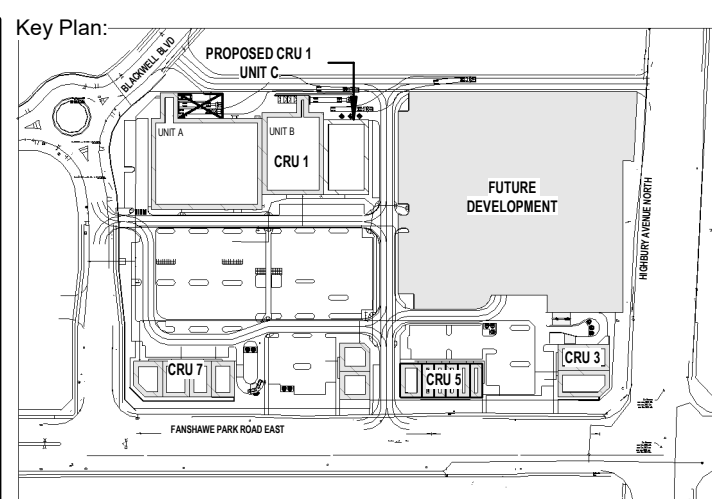
ELECTRICAL KEYNOTES (DENOTED BY):

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 TENANT'S 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/LENS MV/VOLT 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.



CS@CREATIVESTR.CA

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General Notes:

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CONSTRUCTION TO BE ACCORDING TO BEST COMMON PRACTICE.

CONTRACTOR IS FULLY RESPONSIBLE FOR MATTERS AFFECTING CONSTRUCTION.

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No.	Date	Revision
3	APR 02, 2024	ISSUED FOR TENDER

ISSUES/REVISION TABLE

Project:

WESTDELL
DEVELOPMENT CORP

1300 FANSHAWE PARK
ROAD, EAST. - CRU #1 UNIT

1300 FANSHAWE PARK ROAD, EAST, LONDON, ON

**ELECTRICAL LAYOUT -
FLOOR PLAN**

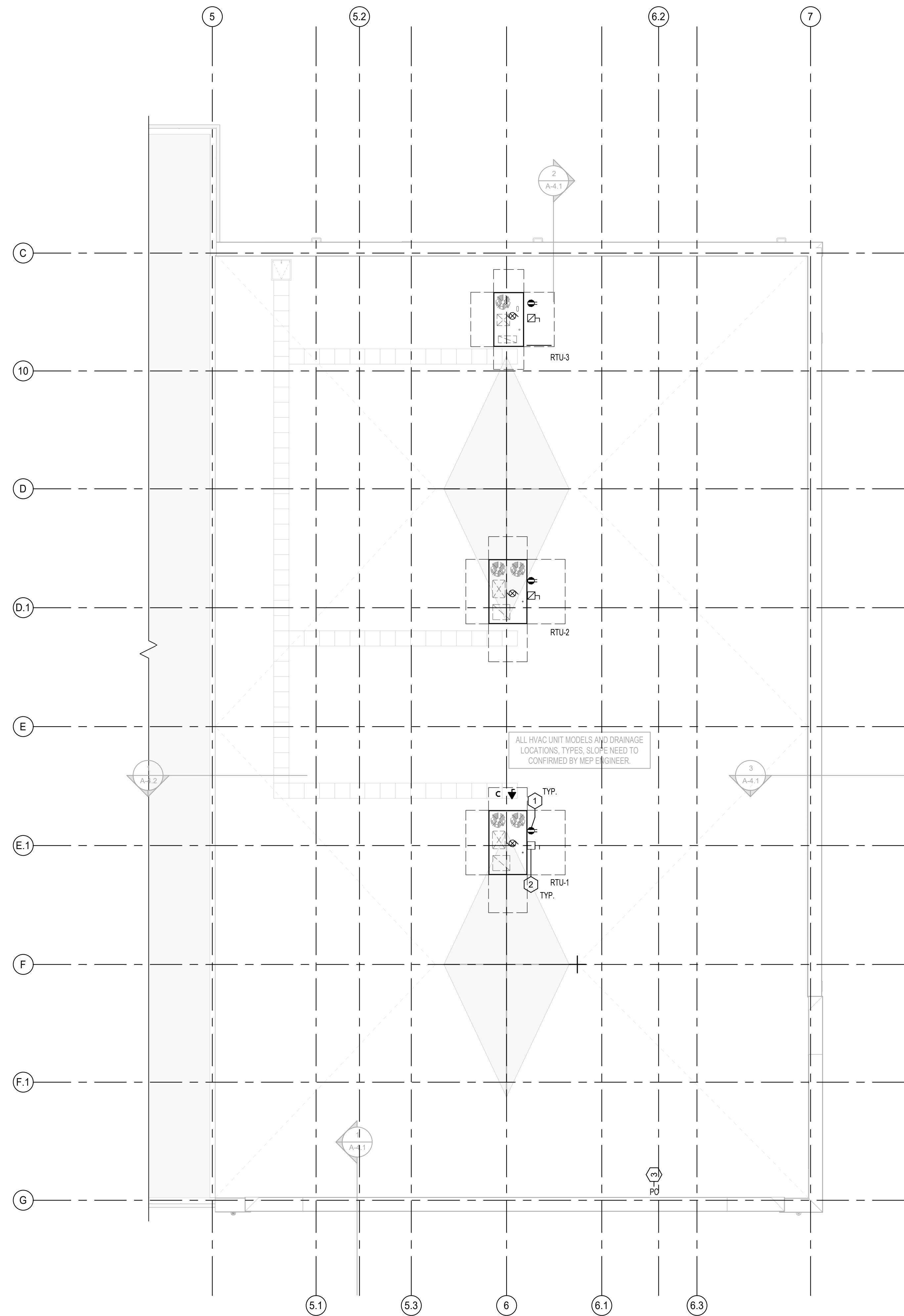
Drawn By: D.K. Scale: AS INDICATED

Checked By: W.A. Plot Date: APR. 02-2024

Project Date: JAN 2024

Project No: 2023-102

Drawing No: **E100** Revision: **3**



ELECTRICAL ROOF PLAN

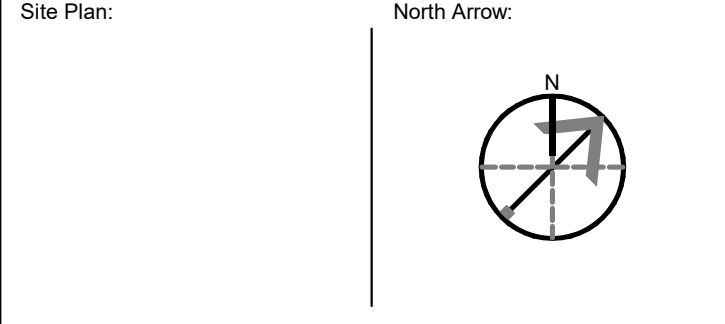
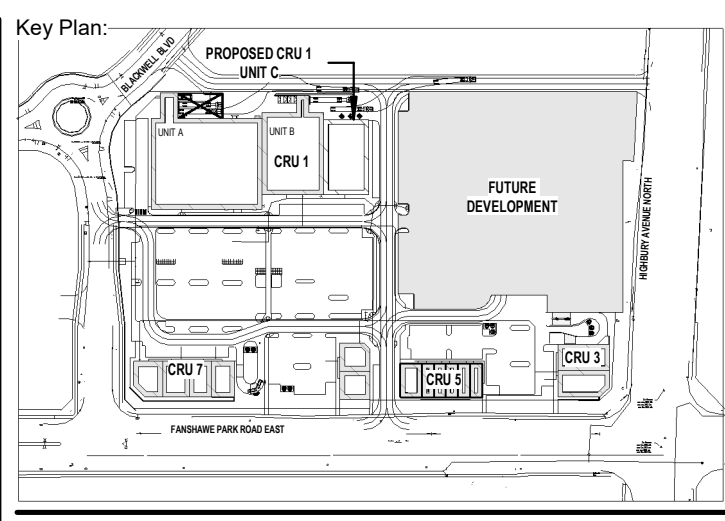
SCALE: 1 : 100

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. ROOT 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.



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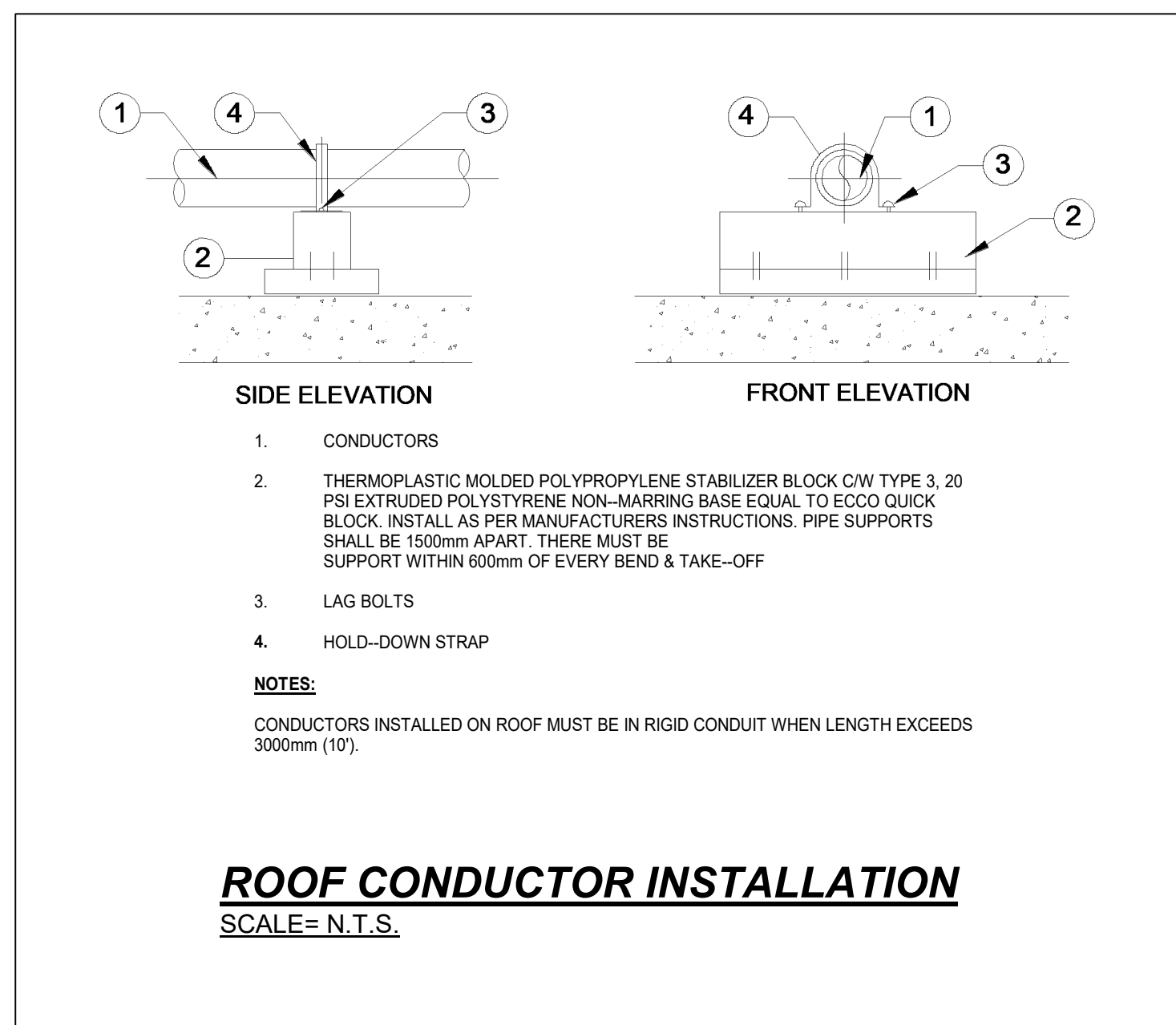
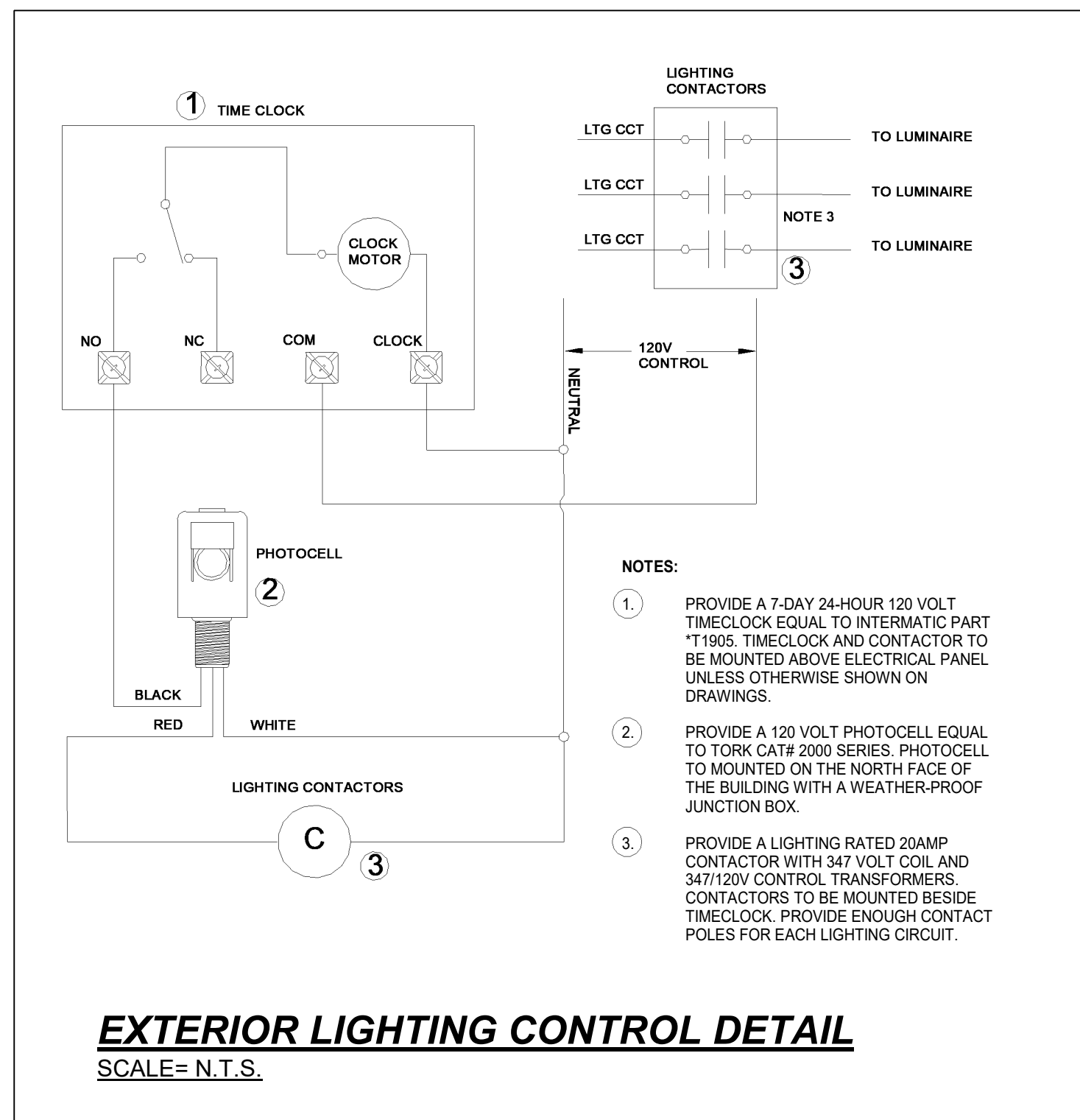
Project:
WESTDELL
 DEVELOPMENT CORP
 1300 FANSHAWE PARK ROAD, EAST. - CRU #1 UNIT
 1300 FANSHAWE PARK ROAD, EAST. LONDON, ON.

**ELECTRICAL LAYOUT -
 ROOF PLAN**

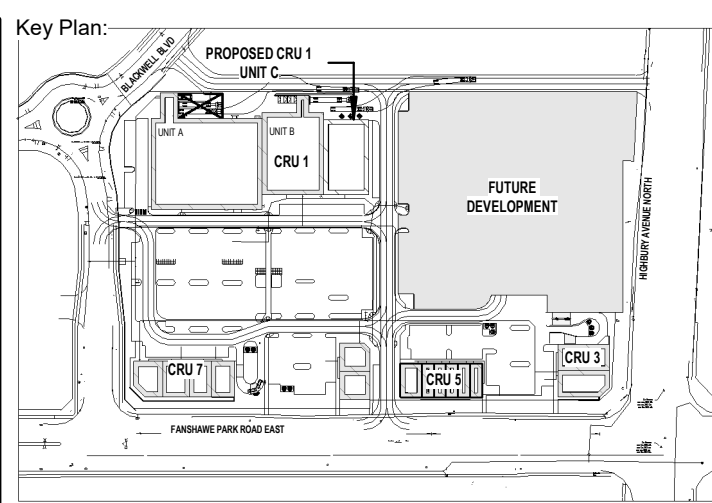
Drawn By: D.K. Scale: AS INDICATED
 Checked By: W.A. Plot Date: APR. 02-2024
 Project Date: JAN 2024
 Project No: 2023-102

Drawing No: **E101** | Revision: **3**

LOAD CALCULATION - UNIT C	
Area (sq.m)	930
Base Load (30 W/sq.m):	27,900
HVAC (W):	18,000
Misc. (W):	10,000
Total (W):	56,830
Tenant Service:	200A, 347/600V
LOAD CALCULATION - TOTAL	
Area (sq.m)	930
Base Load (30 W/sq.m):	27,900
HVAC (W):	18,000
Misc. (W):	10,000
Total (W):	56,830
Tenant Service:	200A, 347/600V



HOME PANEL SCHEDULE									
PANEL: PP-2H						MOUNTING: SURFACE			
VOLTAGE: 120/208									
PAHASE: 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:



Seal: Seal:

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Drawing Title:

**DSITRIBUTION DIAGRAM
AND ELECTRICAL
DETAILS**

Drawn By: D.K. Scale: AS INDICATED

Checked By: W.A. Plot Date: APR. 02-2024

Project Date: JAN 2024

Project No: 2023-102

Drawing No: Revision

E300 3