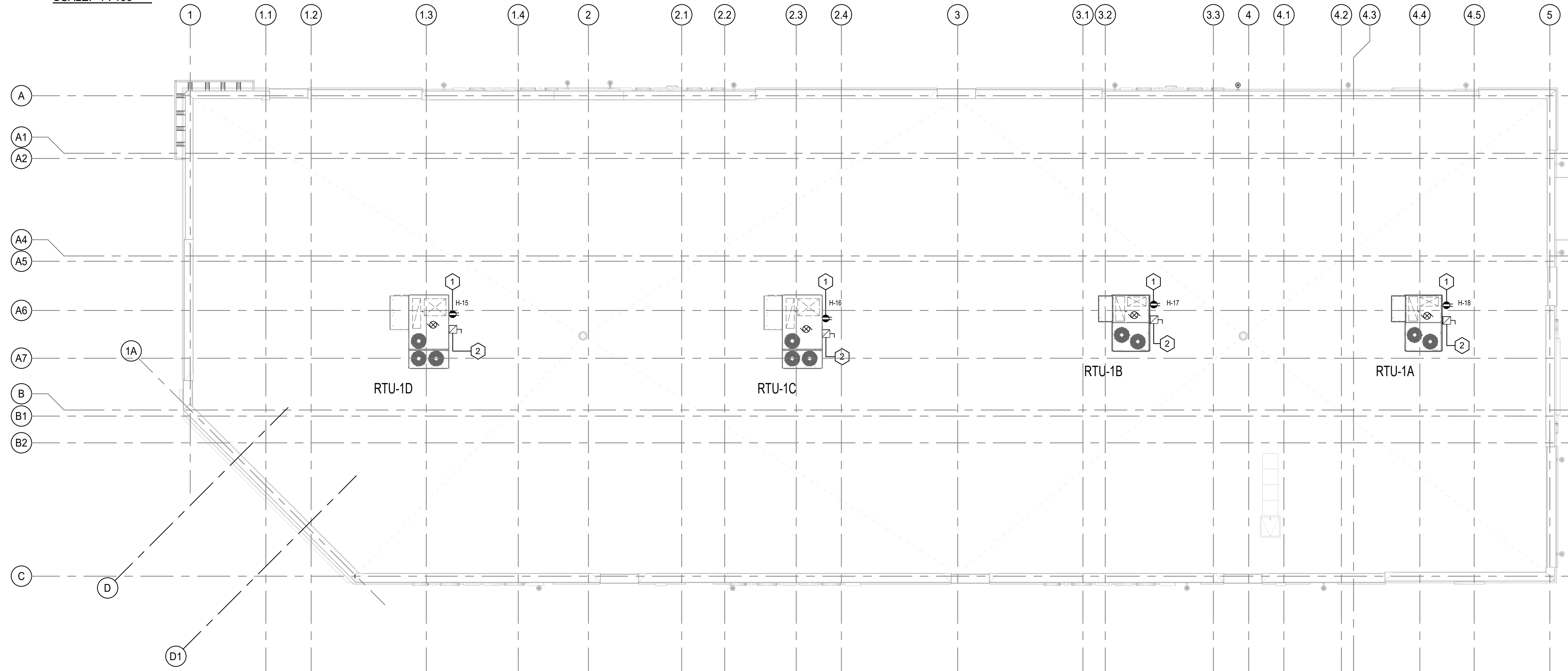


ELECTRICAL FLOOR PLAN

SCALE: 1 : 100



ELECTRICAL ROOF PLAN

SCALE: 1 : 100

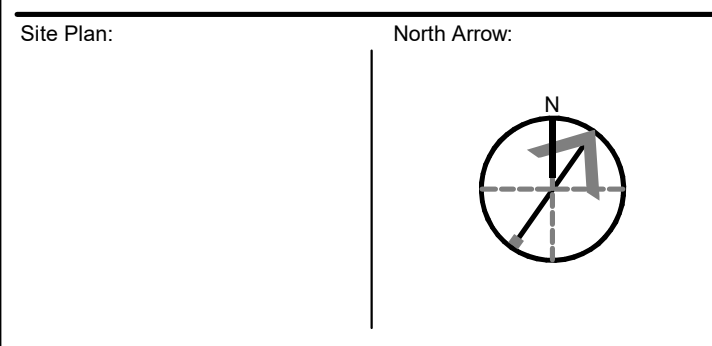
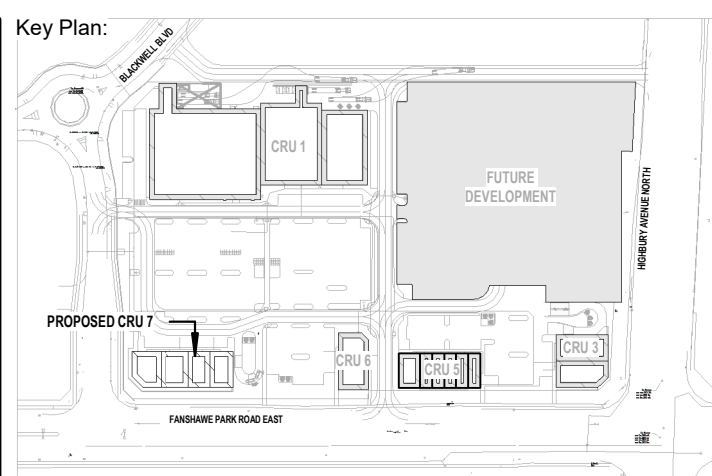
ELECTRICAL KEYNOTES (DENOTED BY) : ⬡#

1. LOCATION OF THE MAIN DISCONNECT SWITCH
2. LOCATION OF THE METER STACK, TYPICAL SIZE: 30"W x 8"D x 72"H., PLUS 18"W TAP BOX.
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". 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 TENANTS 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 CW FULL 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.
14. APPROXIMATE LOCATION OF TENANT TRANSFORMER. COORDINATE EXACT LOCATIONS WITH TENANT.
15. APPROXIMATE LOCATION OF TENANT 208V PANELS. COORDINATE LOCATIONS WITH TENANT.

LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION
TYPE 'A'	4' LED FIXTURE, LITHONIA LIGHTING, CAT# ZL1N L48 ASR 3000LM LLEN5 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.

- 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).



CS@CREATIVESTR.CA

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No.	Date	Revision
1	Apr 03, 2024	ISSUED FOR TENDER
2	Mar 12, 2024	ISSUED FOR COORDINATION

ISSUES/REVISION TABLE

Project:

WESTDELL
DEVELOPMENT CORP

1300 FANSHAWE PARK ROAD, EAST. - CRU #7

1300 FANSHAWE PARK ROAD, EAST, LONDON, ON.

ELECTRICAL LAYOUT - FLOOR AND ROOF PLANS

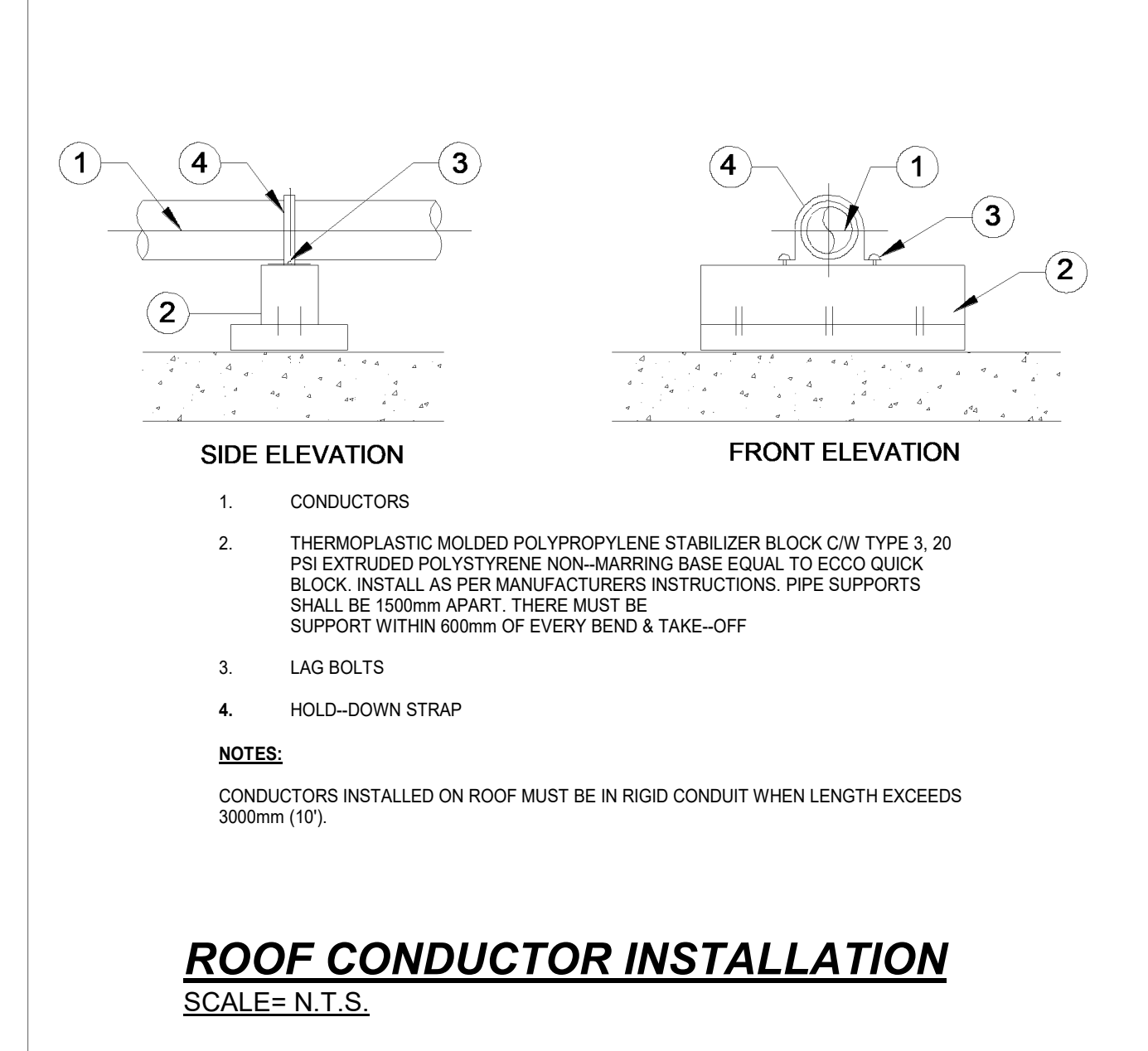
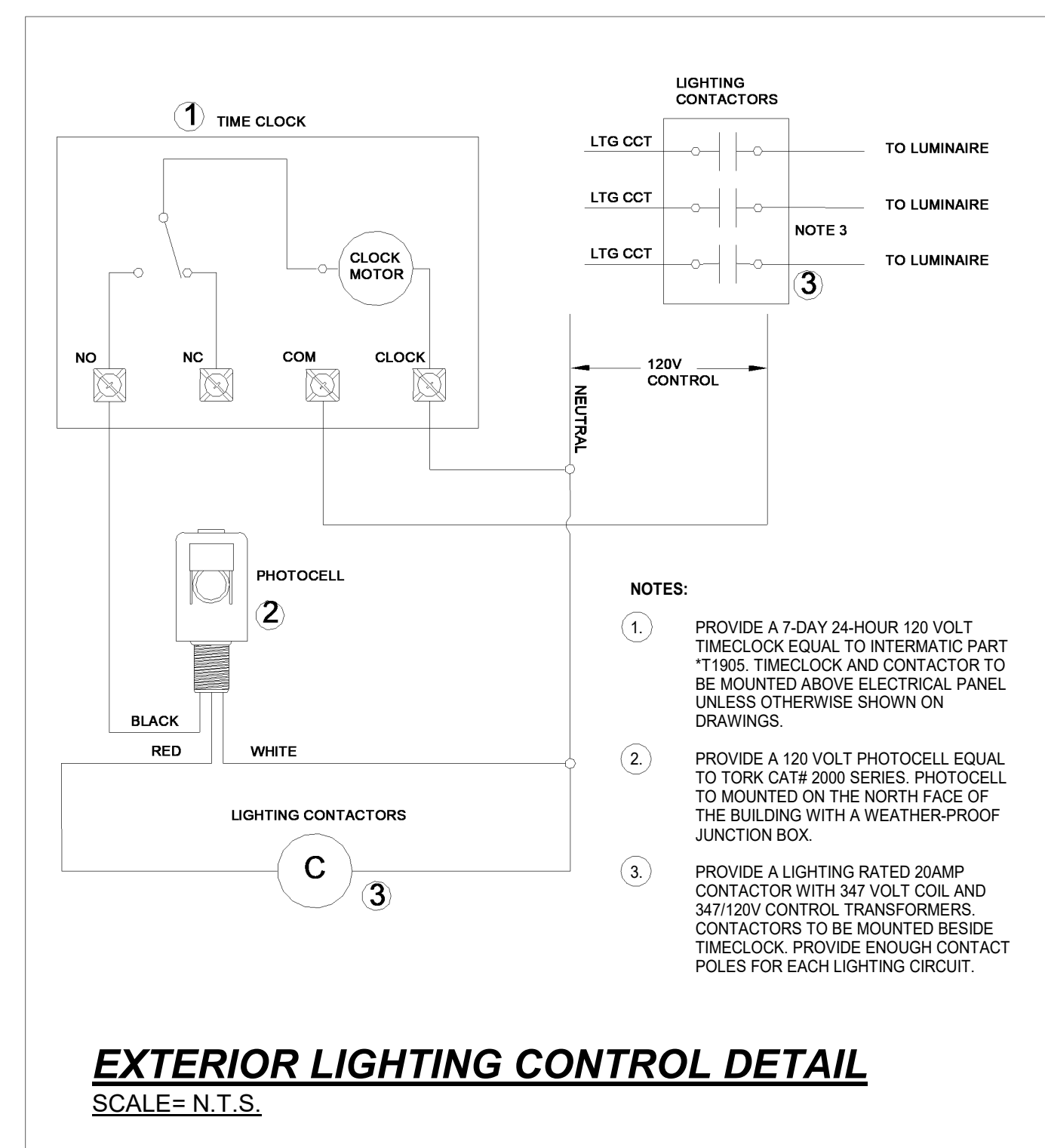
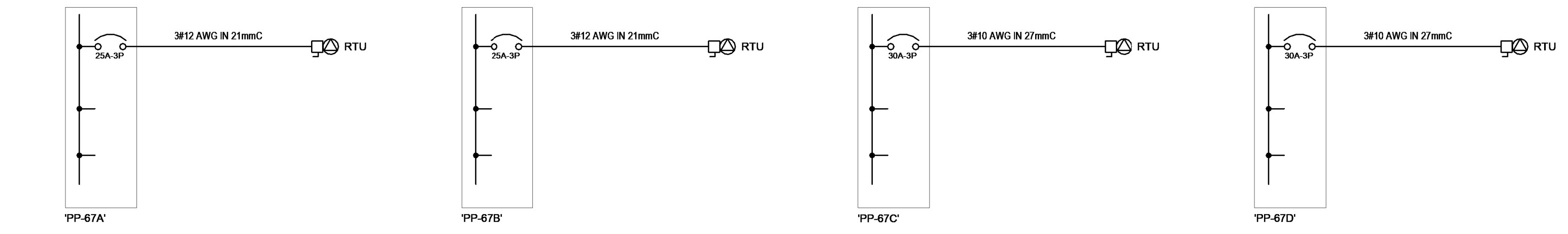
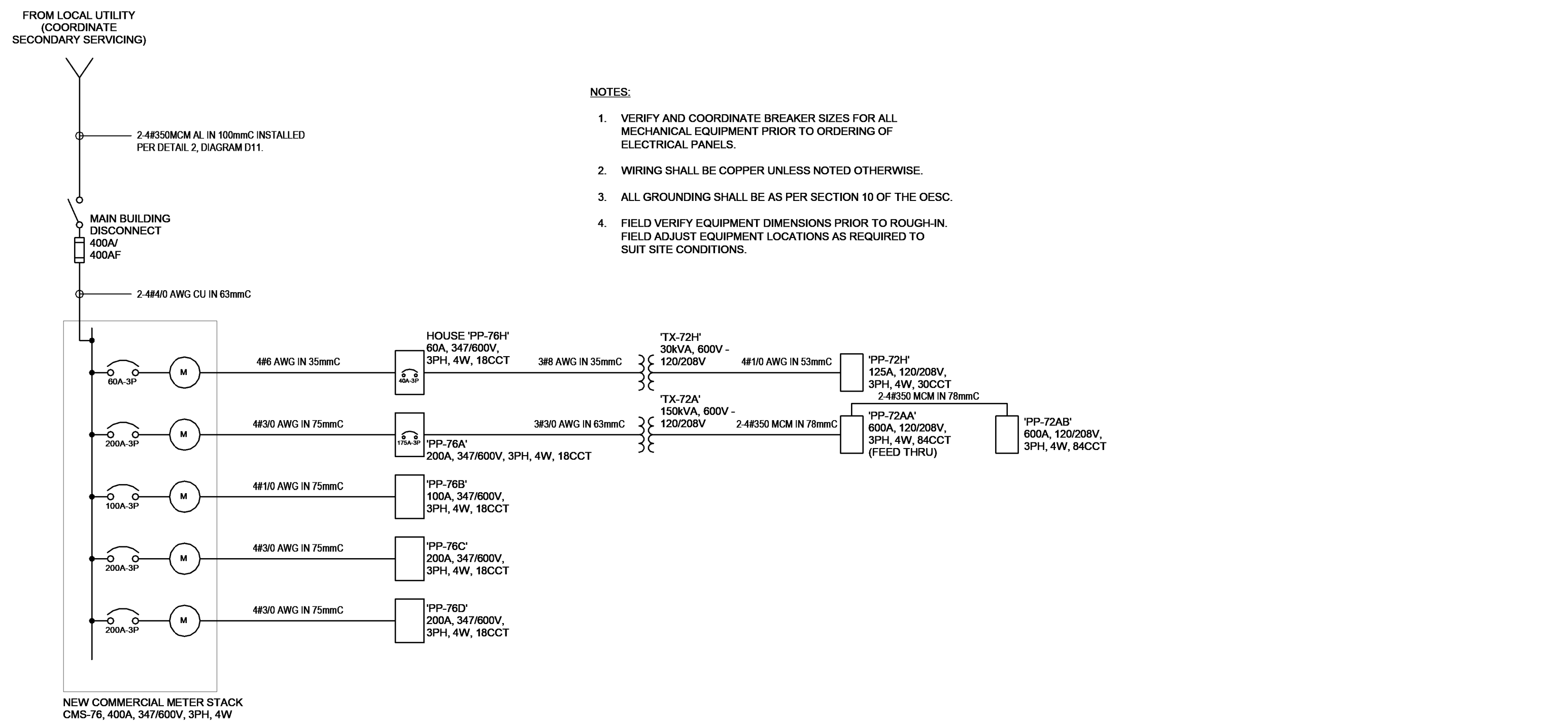
Drawn By: D.H. Scale: AS INDICATED

Checked By: WAEL Plot Date: APR 03, 2024

Project Date: JAN 2024

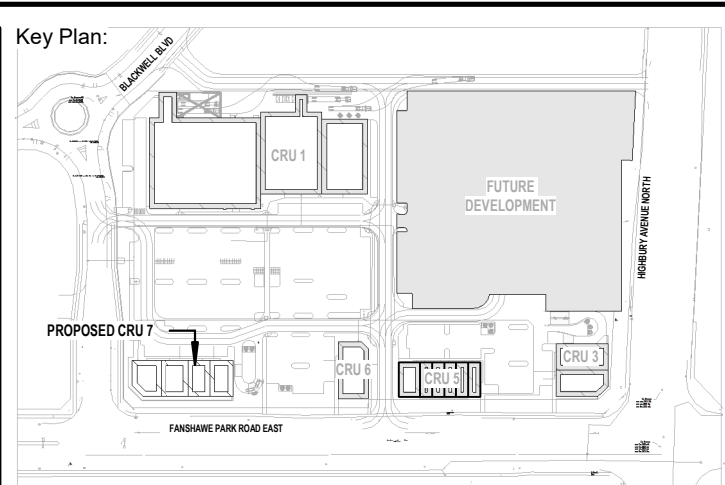
Project No: 2023-102

Drawing No: E100 Revision: 3



HOME PANEL SCHEDULE									
PANEL: PP-2H					MOUNTING: SURFACE				
VOLTAGE: 120/208									
PAHASE: 3 PHASE, 4 WIRE									
MAINS: 200A									
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
			20A 5	C	6	20A			INTERIOR LIGHTS
PDO			20A 7	A	8	20A			INTERIOR LIGHTS
INTERIOR LIGHTS			20A 9	B	10	20A			INTERIOR LIGHTS
EF-1			20A 11	C	12	20A			INTERIOR LIGHTS
HEATER			20A 13	A	14	20A			
HVAC RECEP			20A 15	B	16	20A			HVAC RECEP
HVAC RECEP			20A 17	C	18	20A			HVAC RECEP
			20A 19	A	20	20A			EXTERIOR LIGHT
			20A 21	B	22	20A			HVAC RECEP
			20A 23	C	24	20A			SPARE

LOAD CALCULATIONS - CRU 7	
UNIT A	
Area (sq.m):	228
Base Load (30 W/sq.m):	6,840
HVAC (W):	11,400
Misc. (W):	50,000
Total (W):	68,240
Tenant Service: 200A, 347/600V, 3PH, 4W	
UNIT B	
Area (sq.m):	215
Base Load (30 W/sq.m):	6,450
HVAC (W):	10,750
Misc. (W):	50,000
Total (W):	67,200
Tenant Service: 100A, 347/600V, 3PH, 4W	
UNIT C	
Area (sq.m):	280
Base Load (30 W/sq.m):	8,400
HVAC (W):	14,000
Misc. (W):	50,000
Total (W):	72,400
Tenant Service: 200A, 347/600V, 3PH, 4W	
UNIT D	
Area (sq.m):	285
Base Load (30 W/sq.m):	8,550
HVAC (W):	14,250
Misc. (W):	50,000
Total (W):	72,800
Tenant Service: 200A, 347/600V, 3PH, 4W	
Total Building Load (W):	280,640
Total Building Service:	400A, 347/600V, 3ph, 4w



Consultant:

Seal: Seal:



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Drawing Title:

DISTRIBUTION DIAGRAM AND ELECTRICAL DETAILS

Drawn By: D.H. Scale: AS INDICATED

Checked By: WAEL Plot Date: APR 03, 2024

Project Date: JAN 2024

Project No: 2023-102

Drawing No: Revision