

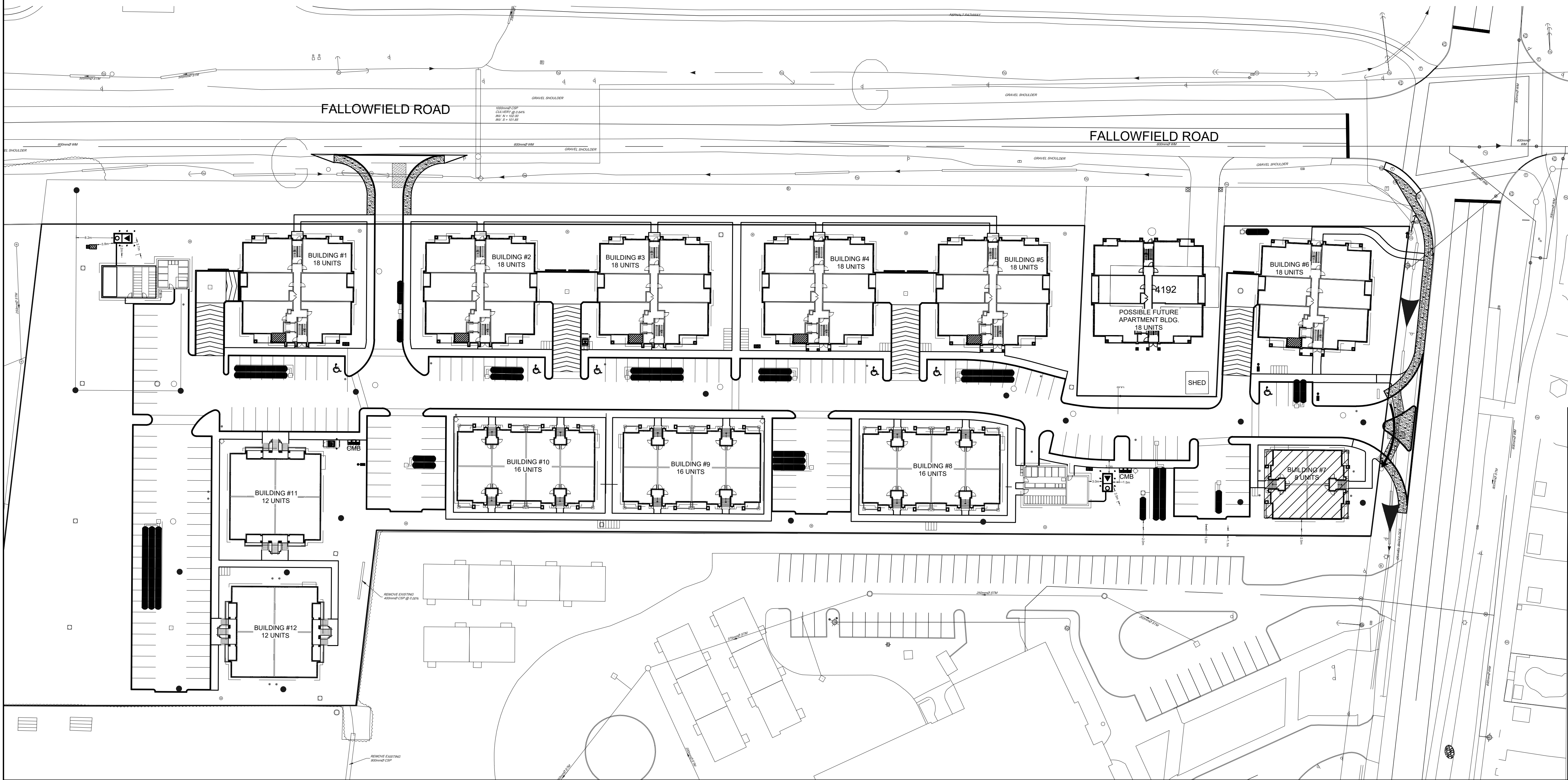
DRAWING LIST	
DRAWING NUMBER	NAME
E-001	KEY PLAN, LEGEND, SCHEDULES AND NOTES
E-002	SPECIFICATION
E-100	TYPICAL UNIT LIGHTING LAYOUT
E-110	TYPICAL UNIT POWER LAYOUT
E-200	OVERALL FLOOR PLANS
E-300	ELECTRICAL DETAILS

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THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

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23-007E



6	ISSUED FOR CONSTRUCTION	29 AUG 2024	SL
5	ISSUED FOR TENDER REV-2	10 JUN 2024	MC
4	ISSUED FOR TENDER	08 MAR 2024	MC
3	ISSUED FOR PERMIT	19 JAN 2024	MC
2	BLOCK 7 REVIEW	17 JAN 2024	MC
1	ISSUED FOR 66% PROGRESS	22 DEC 2023	MC
NO.	REVISION	DATE	PLT BY
THE CONTRACT DOCUMENTS ARE THE PROPERTY OF QM&E.			
THE CONTRACTOR SHALL OBTAIN A FULL SET OF ALL CONSULTANTS' DESIGN DOCUMENTS PRIOR TO STARTING WORK.			
QM&E BEARS NO RESPONSIBILITY FOR INTERPRETATIONS OF THESE DOCUMENTS BY OTHERS.			
UPON WRITTEN APPLICATION QM&E WILL PROVIDE WRITTEN CLARIFICATION REGARDING THE INTENT OF THE CONTRACT DOCUMENTS.			
QM&E REVIEW OF SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR IS FOR DESIGN CONFORMANCE ONLY.			
DRAWINGS ARE NOT TO BE SCALED FOR CONSTRUCTION. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS, ON SITE, REQUIRED TO PERFORM THE WORK AND REPORT ANY DISCREPANCIES WITH THE CONTRACT DOCUMENTS TO THE DESIGN TEAM BEFORE COMMENCING WORK.			

THE JUNCTION PHOENIX
PLANNED UNIT DEVELOPMENT
BLOCK 7

OTTAWA, ONTARIO

Q M & E
ENGINEERING

9 GURDWARA ROAD, UNIT 200, OTTAWA, ONT., K2E 7X6
TEL. (613) 365-4783 e-mail: mail@qmengineering.com

CURRENT DATE
Aug 29, 2024 - 3:03pm

SCALE NTS

DRAWN BL

DESIGNED MC























































































CHECKED LVDL

PROJECT 23-007

DRAWING NUMBER
E-001

KEY PLAN, LEGEND,
SCHEDULES AND NOTES

SHEET SIZE: 24" x 36"

ELECTRICAL LEGEND			
	LIGHT FIXTURE CEILING AND WALL MOUNTED		LIGHTING CONTACTOR "CONT"
	PICTOGRAM EXIT SIGN CEILING AND WALL MOUNTED, ARROWS AS SHOWN, DOUBLE FACE		LOW VOLTAGE THERMOSTAT PROVIDED, WIRED & INSTALLED BY MECH. CONTRACTOR
	EMERGENCY LIGHTING BATTERY UNIT WITH TWO INTEGRAL HEADS		LINE VOLTAGE THERMOSTAT PROVIDED BY MECH., WIRED & INSTALLED BY ELEC. CONTRACTOR
	SINGLE POLE TOGGLE SWITCH		OUTLET BOX FOR ERV/HRV TIMER TO HVAC UNIT
	GANGED SWITCHED UNDER ONE COVER		TIME SWITCH
	THREE WAY TOGGLE SWITCH		PHOTOCELL
	DIMMER SWITCH		ELECTRIC BASEBOARD HEATER C/W BUILT-IN THERMOSTAT
	OCCUPANCY SENSOR (WALL) WITH MANUAL ON/OFF		ELECTRIC FORCED FLOW HEATER C/W BUILT-IN THERMOSTAT
	OCCUPANCY SENSOR (WALL) WITH MANUAL ON/OFF/DIMMER		ELECTRIC HEATER DUCT MOUNTED
	OCCUPANCY SENSOR CEILING		CABLE ENCLOSURE
	DUPLEX RECEPTACLE 120V, 15A		TELEVISION OUTLET
	DUPLEX RECEPTACLE 120V, 15A, ON SEPARATE CIRCUIT		TELEVISION OUTLET
	DUPLEX RECEPTACLE 120V, 15A, SPLIT WIRED (2 CIRCUITS)		DATA LINE OUTLET
	DUPLEX RECEPTACLE 120V, 15A, UPPER HALF SWITCHED		TELEPHONE DATA COMBO OUTLET
	20A, 120V, 5-20R, GFCI TYPE RECEPTACLE IN SUITES & 20A, 120V, 5-20R RECEP. IN KITCHEN		COMBINATION TELEVISION AND DATA OUTLET
	DOUBLE DUPLEX RECEPTACLE 120V, 15A		BELL
	SPECIAL PURPOSE RECEPTACLE, AMPS AND VOLTS AS NOTED		PILOT LIGHT
	WEATHER PROOF "WHILE-IN-USE" & EXTRA-DUTY" COVER PLATE		FIRE ALARM MANUAL PULL STATION
	FLOOR MOUNTED DUPLEX RECEPTACLE 120V, 15A		FIRE ALARM - VOICE COMMUNICATION SPEAKER - WALL MOUNTED
	DIRECT CONNECTION TO EQUIPMENT		FIRE ALARM - VOICE COMMUNICATION SPEAKER - CEILING
	WIRING IN/ON WALL OR CEILING		FIRE ALARM - COMBINATION VOICE COMMUNICATION SPEAKER/STROBE - CEILING
	WIRING - 3#12 CONDUCTOR OR AS INDICATED. UNMARKED RUNS - 2#12		FIRE ALARM - COMBINATION VOICE COMMUNICATION SPEAKER/STROBE - WALL MTD
	UNMARKED RUNS - 2#12		FIRE ALARM SMOKE DETECTOR
	WIRING DOWN		FIRE ALARM SMOKE DETECTOR C/W RELAY
	CONTROL WIRING		FIRE ALARM HEAT DETECTOR
	FLEXIBLE CONNECTION		FIRE ALARM SMOKE DETECTOR, DUCT MOUNTED C/W PILOT LIGHT
	OUTLET BOX 4" X 4" X 2 1/8" (100 X 100 X 50MM) OR AS REQUIRED		120V COMBINATION SMOKE ALARM/STROBE C/W 7-DAY BATTERY FOR SMOKE/INTEGRAL SILENCING
	JUNCTION BOX, SIZE AS REQUIRED		120V COMB. SMOKE ALARM/STROBE/CO C/W 7-DAY BATTERY FOR SMOKE/INTEGRAL SILENCING
	PANEL BOARD		120V SELF-CONTAINED CARBON MONOXIDE ALARM
	DISCONNECT SWITCH, FUSE AS NOTED		120V SELF-CONTAINED CARBON MONOXIDE ALARM C/W ACTUATOR
	SINGLE PHASE MOTOR CONNECTION		FIRE ALARM END-OF-LINE RESISTOR
	THREE PHASE MOTOR CONNECTION		FIRE ALARM MAGNETIC DOOR HOLDER (WALL MOUNT)
	MOTORIZED DAMPER		FLOW SWITCH
	120V FIRE SMOKE DAMPER		PRESSURE SWITCH
	MANUAL MOTOR STARTER		TAMPER SWITCH
	MAGNETIC MOTOR STARTER		FIRE FIGHTER VOICE COMMUNICATION HANDSET
	COMBINATION MAGNETIC MOTOR STARTER		KEY OPERATED ELEVATOR RECALL
	SPEED CONTROLLED SWITCH, SUPPLIED WITH FAN		CCTV SECURITY CAMERA
	VARIABLE FREQUENCY DRIVE PROVIDED BY MECH. OUTPUT WIRE TO BE VFD RATED. WIRED BY ELEC.		MAGLOCK
GFCI / GFI	GROUND FAULT CCT. INTERRUPTER		KEY PAD
AFCI	ARC FAULT CCT. INTERRUPTER		REQUEST TO ENTER BUTTON
WP	WEATHERPROOF		BARRIER-FREE PUSH BUTTON
OC	OVER COUNTER		CARD READER
UC	UNDERCOUNTER		DOOR CONTACT
DBF	DRYER BOOSTER FAN		ELECTRIC STRIKE
PANEL COMM.	COMMUNICATION PANEL C/W BUILT-IN RECEPTACLE		FOB
CL	CEILING MOUNTED AND/OR MOUNTED HIGH ON WALL		CO CARBON MOXIDE DETECTOR
D	DRYER		
W	WASHER		
MW	MICROWAVE		
R	RANGE/STOVE		
PANEL T	SUITE ELECTRICAL PANEL		
CO	CARBON MONOXIDE		
AFF	ABOVE FINISH FLOOR		
MH	MOUNTING HEIGHTS		
HC	HANDICAP DOOR OPERATOR PUSH BUTTON		
MILL	MILLWORK		

ELECTRICAL SPECIFICATION

- GENERAL:
ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND BY-LAWS AND BE INSTALLED BY WORKERS SKILLED IN THAT PARTICULAR PORTION OF THE CONTRACT.
2. SITE EXAMINATION:
EXAMINE SITE AND LOCAL CONDITIONS AFFECTING WORK UNDER THIS DIVISION TO ENSURE THAT WORK UNDER THIS DIVISION CAN BE SATISFACTORILY CARRIED OUT WITHOUT CHANGES TO DRAWINGS. NO ALLOWANCES WILL BE MADE LATER FOR ANY EXPENSES INCURRED THROUGH FAILURE TO MAKE THIS EXAMINATION. START OF WORK WILL BE DEEMED EVIDENCE OF ACCEPTANCE OF, AND SATISFACTION WITH, EXISTING CONDITIONS.
3. GUARANTEE:
GUARANTEE ALL WORK FOR TWELVE (12) MONTHS FROM DATE OF ACCEPTANCE.
4. PROTECTION:
ENSURE THAT ALL PROTECTIONS ARE TAKEN TO PROTECT ALL PERSONNEL FROM HAZARDS DURING WORK. PROTECT ALL EQUIPMENT FROM DAMAGE FROM ANY CAUSE.
5. SCOPE OF WORK:
PERFORM ALL WORK AS SHOWN ON ELECTRICAL DRAWINGS AND AS COVERED IN THESE SPECIFICATIONS. FOLLOW MANUFACTURER'S INSTRUCTIONS REGARDING HANDLING, INSTALLING AND TESTING OF EQUIPMENT SPECIFIED HEREIN.
6. MATERIALS:
USE ONLY NEW MATERIALS, FULLY CERTIFIED FOR USE AS INSTALLED, AND TO MEET THIS SPECIFICATION IN ALL RESPECTS.
7. CLEAN UP:
DURING THE COURSE OF INSTALLATION AND UPON COMPLETION, REMOVE ALL RUBBISH AND WASTE RESULTING FROM THIS WORK, TO THE SATISFACTION OF THE ENGINEER. CHECK, CLEAN AND REPAINT WHERE NECESSARY ALL ELECTRICAL EQUIPMENT, AND LEAVE IT IN FIRST CLASS CONDITION.
8. GROUNDING:
GROUND ALL EQUIPMENT WITH APPROVED FITTINGS AND GROUND CONDUCTORS OF AMPLE CAPACITY AS REQUIRED BY THE ONTARIO ELECTRICAL SAFETY CODE. ALL GROUND CONDUCTORS SHALL HAVE GREEN INSULATION.
9. RACEWAY AND FITTINGS:
INSTALL ALL WIRING IN EMT CONDUIT WITH THE FOLLOWING EXCEPTIONS:
9.1. USE RIGID PVC CONDUIT FOR UNDERGROUND WIRING & WIRING EXPOSED TO WEATHER.
9.2. USE RIGID PVC CONDUIT OR ELECTRICAL NON-METALLIC TUBING (COR-LINE) FOR WIRING EMBEDDED IN CONCRETE SLAB.
9.3. USE LIQUID-TIGHT FLEXIBLE METAL CONDUIT FOR CONNECTIONS TO MOTORS EXPOSED TO WEATHER.
9.4. ARMoured CABLE TYPE AC90 MAY BE USED FOR BRANCH WIRING IN CEILING SPACE AND DOWN TO OUTLETS IN METAL STUD PARTITIONS.
9.5. NMD90 MAY BE USED IN WOOD FRAME WHERE ACCEPTABLE TO E.S.A.
9.6. ALL EMPTY CONDUITS TO BE C/W PULL ROPE.
10. WIRING:
WIRING TO BE COPPER CONDUCTORS, No. 12 AWG MINIMUM OR AS INDICATED, CROSS LINKED POLYETHYLENE INSULATION RW90, EXCEPT AS FOLLOWS:
10.1. No. 14 AWG WIRING FOR CONTROL CIRCUITS FOR MECHANICAL EQUIPMENT.
11. WIRING DEVICES:
11.1. SWITCHES AND RECEPTACLES TO BE SPECIFICATION GRADE. COVER PLATES FOR ALL WIRING DEVICES IN FLUSH MOUNTED OUTLET BOXES TO BE WHITE, FOR SURFACE MOUNTED BOXES TO BE GALVANIZED SHEET STEEL.
11.2. COVER PLATES WITHIN APARTMENT SUITES AND FINISHED PUBLIC AREAS TO BE WHITE DECORA STYLE.
11.3. MOUNTING HEIGHTS INDICATED ON DRAWINGS, OTHERWISE SEE ELECTRICAL SPECIFICATION.
11.4. MILLWORK: BEFORE ROUGHING-IN OF RECEPTACLES, TELEPHONE AND DATA OUTLET BOXES, MOUNTED WITHIN MILLWORK LOCATED ABOVE AND/OR BELOW DESKS AND COUNTER TOPS, CONTRACTOR TO REFER TO ARCHITECTURAL MILLWORK AND ELEVATION DRAWINGS FOR EXACT MOUNTING HEIGHTS AND LOCATIONS. GROMMETS THROUGH COUNTER TOPS PROVIDE BY OTHERS.
12. DISCONNECT SWITCHES:
TO BE HEAVY DUTY, FUSED OR UNFUSED AS INDICATED, AND SIZED AS SHOWN ON THE DRAWINGS. DISCONNECT SWITCHES EXPOSED TO WEATHER TO HAVE WEATHERPROOF ENCLOSURE.
13. PANELBOARDS:
PANELS TO BE SURFACE-MOUNTED (OR FLUSH MOUNTED WHERE INDICATED) CODE GRADE PAINTED STEEL WITH LOCKABLE DOOR AND CONCEALED TRIM SCREWS. BREAKERS TO BE AMBIENT COMPENSATED, TRIP FREE, BOLTED TO THE BUS BARS. PROVIDE TYPEWRITTEN INDEX OF ALL CONNECTED LOADS FOR EACH PANELS.

14. COMMUNICATIONS:
PROVIDE APPROPRIATE OUTLET BOXES AND EMPTY CONDUITS C/W PULL WIRES FOR COMMUNICATION SYSTEMS, AS SHOWN ON THE DRAWINGS AND AS REQUIRED.
15. LIGHTING:
PROVIDE AND INSTALL LIGHTING FIXTURES, COMPLETE WITH LAMPS, AS SHOWN IN THE LIGHTING SCHEDULE.
16. RECORD DRAWINGS:
AFTER COMPLETION OF WORK PROVIDE A SET OF MARKED UP AS-BUILT PRINTS FOR RECORD PURPOSES.
17. ELECTRICAL SAFETY:
TAKE OUT AND PAY FOR ELECTRICAL SAFETY AUTHORITY PERMIT. AT COMPLETION OF JOB, PROVIDE FINAL ELECTRICAL SAFETY AUTHORITY INSPECTION CERTIFICATE BEFORE APPLYING FOR FINAL PROGRESS PAYMENT.
18. UTILITY CHARGES:
UTILITY SERVICE CHARGES WILL BE PAID DIRECTLY BY THE OWNER.
19. SEISMIC RESTRAINTS:
RETAIN A SEISMIC RESTRAINT SPECIALIST TO PERFORM CALCULATIONS AND TO SPECIFY A SEISMIC RESTRAINT SYSTEM AS REQUIRED FOR ANY ELECTRICAL EQUIPMENT, INCLUDING SWITCHBOARDS, DRY TYPE TRANSFORMERS, PANELS, CONDUITS, CABLE TRAY, LIGHT FIXTURES, ETC. THE SEISMIC RESTRAINT SPECIALIST SHALL BE AN INDEPENDENT STRUCTURAL ENGINEER, REGISTERED IN THE PROVINCE OF ONTARIO AND SPECIALIZING IN THIS TYPE OF WORK, AND TO BE ACCEPTABLE TO CONSULTANT, SUPPLY AND INSTALL THE SEISMIC RESTRAINT SYSTEM TO THE SATISFACTION OF THE SEISMIC RESTRAINT SPECIALIST. UPON COMPLETION OF THE PROJECT, PROVIDE A SEALED AND SIGNED STATEMENT FROM THE SEISMIC RESTRAINT SPECIALIST, CERTIFYING THAT ALL COMPONENTS AND PROVISIONS OF THE SEISMIC RESTRAINTS SYSTEM, AS APPLIED TO THE ELECTRICAL EQUIPMENT HAVE BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.
20. SHOP DRAWINGS:
PROVIDE [PDF] COPIES OF SHOP DRAWINGS FOR THE FOLLOWING EQUIPMENT:
20.1. A.T.S. SWITCH.
20.2. DISCONNECT SWITCHES.
20.4. ELECTRIC HEATERS.
20.5. LIGHTING FIXTURES AND EXIT LIGHTS.
20.6. LIGHTING OCCUPANCY SENSOR AND/OR SWITCHES.
20.7. PANELBOARDS.
20.8. WEATHERPROOF RECEPTACLE "WHILE-IN-USE" & "EXTRA-DUTY" COVER PLATE.
26. ELECTRICAL EQUIPMENT APPROVED:
ALL ELECTRICAL EQUIPMENT MUST BE APPROVED BY A CERTIFICATION ORGANIZATIONS ACCREDITED BY THE STANDARDS COUNCIL OF CANADA, FIELD EVALUATION AGENCY OR BE DETERMINED AS A NO HAZARD TO PERSON OR PROPERTY BY ESA.
27. ELECTRICAL EQUIPMENT INSTALLATION:
ALL ELECTRICAL EQUIPMENT MUST BE INSTALLED BY A QUALIFIED PERSON, CLOSELY FOLLOW INSTALLATION INSTRUCTIONS SUPPLIED BY THE MANUFACTURER
28. ELECTRICAL DISTRIBUTION EQUIPMENT IDENTIFICATION:
ALL DISTRIBUTION POINT, CIRCUIT BREAKERS, FUSES AND SWITCHES SHALL BE MARKED ADJACENT THERETO, IN A CONSPICUOUS AND LEGIBLE MANNER TO INDICATE CLEARLY WHICH INSTALLATION OR PORTION OF INSTALLATION THEY PROTECT OR CONTROL AND THE MAXIMUM RATING OF OVERCURRENT DEVICE THAT IS PERMITTED.
29. LOCATION OF OUTLETS: DO NOT INSTALL OUTLETS BACK-TO-BACK IN WALL; ALLOW MINIMUM 150MM OF HORIZONTAL CLEARANCE BETWEEN BOXES. IN KEEPING THE "ELECTRICAL CODE RECEPTACLE SPACING REQUIREMENTS", OUTLETS INSTALLED ON SHARED DEMISING WALLS BETWEEN APARTMENT SUITES ARE NOT TO SHARE THE SAME STUD CAVITY.
30. ALL DUPLEX RECEPTABLES MUST COMPLY WITH THE "TAMPERPROOF" REQUIREMENTS OF THE E.S.C.
31. EXACT LOCATION OF CONNECTIONS AND DISCONNECT EQUIPMENT FOR MECHANICAL EQUIPMENT TO BE TO COORDINATION WITH MECHANICAL CONTRACTOR.
32. SMOKE ALARMS: WHERE TWO OR MORE COMBINATION STROBE/ SMOKE ALARMS ARE LOCATED IN SUITE, COMBINATION STROBE/ SMOKE ALARMS ARE TO BE INTERCONNECTED, SO THAT WHEN ONE COMBINATION STROBE/ SMOKE ALARM IS ACTIVATED - ALL COMBINATION STROBE/ SMOKE ALARMS IN SUITE WILL BE ACTIVATED.
33. CARBON MONOXIDE: WHERE TWO OR MORE "CO" ALARMS ARE LOCATED IN SUITE, "CO" ALARMS ARE TO BE INTERCONNECTED, SO THAT WHEN ONE "CO" ALARM IS ACTIVATED - ALL "CO" ALARMS IN SUITE WILL BE ACTIVATED.

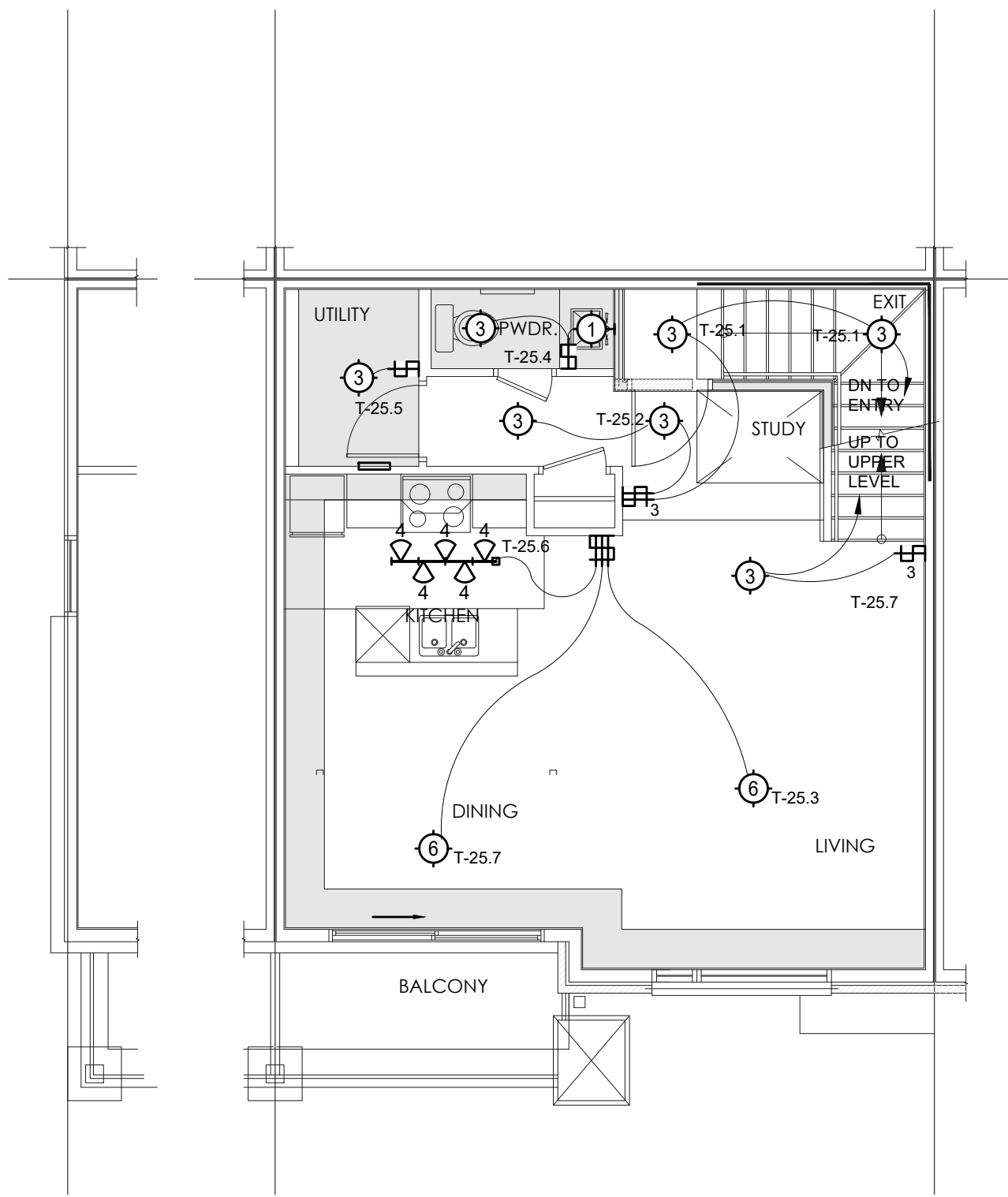
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THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. WHERE CONFLICT ARISES THE MORE STRINGENT OF THE TWO SHALL APPLY.

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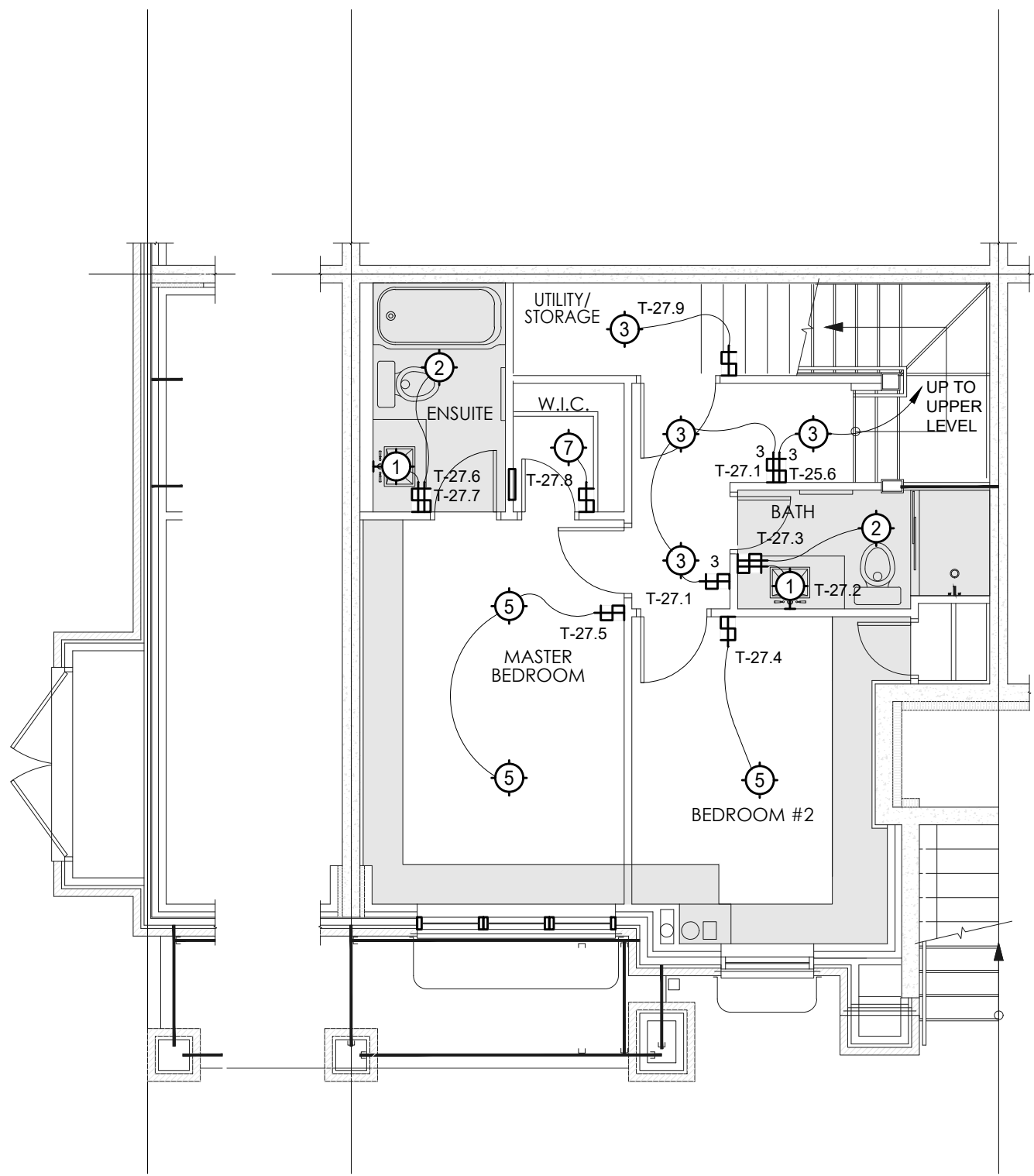
23-007E



END UNIT

UPPER UNIT: MAIN FLOOR

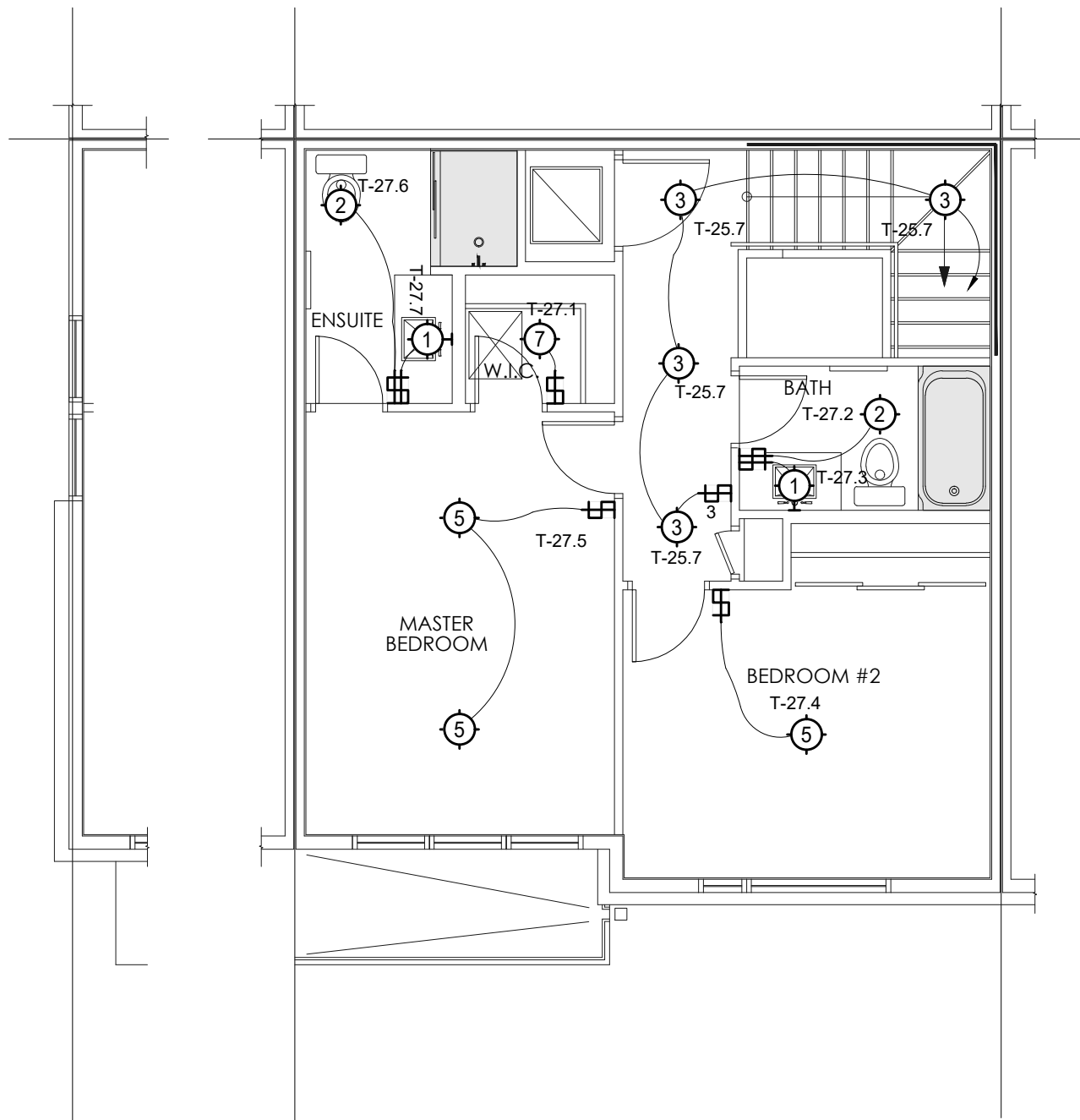
FLOOR AREA: 433 ff²



END UNIT

LOWER UNIT: LOWER FLOOR

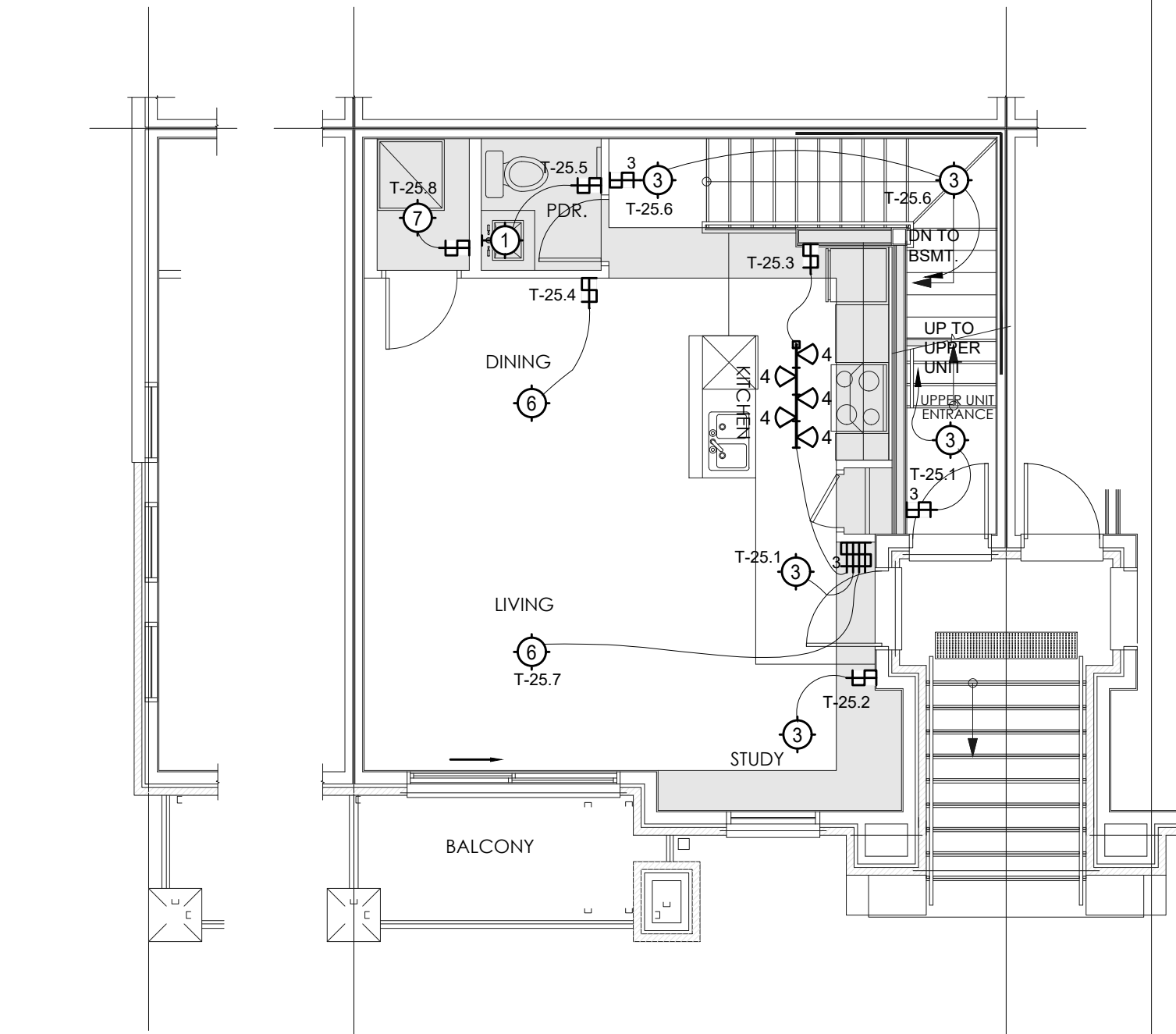
FLOOR AREA: 613 ff²



END UNIT

UPPER UNIT: UPPER FLOOR

FLOOR AREA: 421 ff²



END UNIT

LOWER UNIT: MAIN FLOOR

FLOOR AREA: 575 ff²

			THE JUNCTION PHOENIX PLANNED UNIT DEVELOPMENT BLOCK 7		
			OTTAWA, ONTARIO		
			Q M & E ENGINEERING		
			9 GURDWARA ROAD, UNIT 200, OTTAWA, ONT., K2E 7X6 TEL: (613) 366-4763 e-mail: mail@qmeengineering.com		
			CURRENT DATE Aug 28, 2024 ~ 3:03pm		
			SCALE 3/16"=1'-0"		
			DRAWN BL		
			DESIGNED MC		
			CHECKED LVDL		
			PROJECT 23-007		
			DRAWING NUMBER E-100		
			TYPICAL UNIT LIGHTING LAYOUT		

23-007E

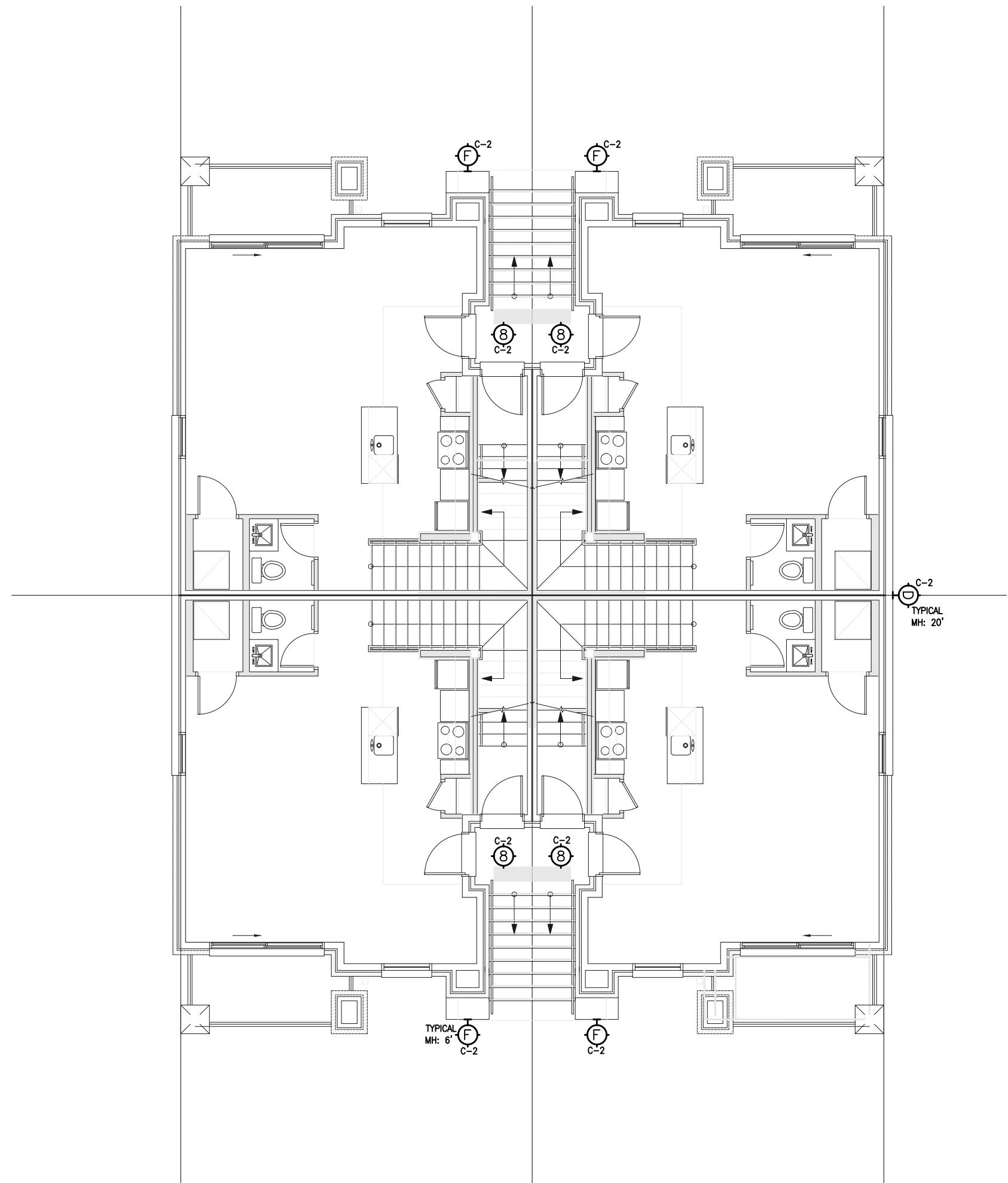
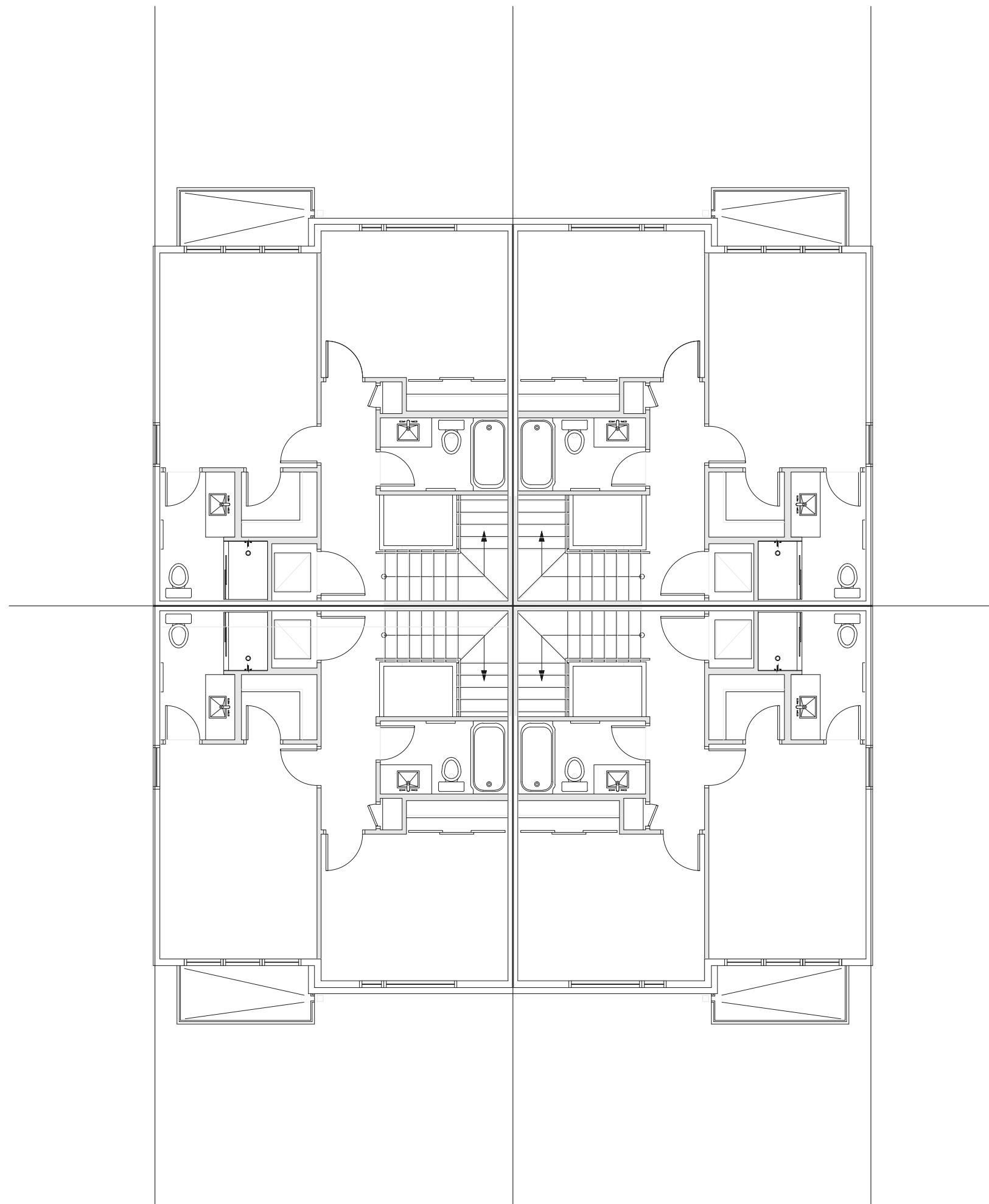
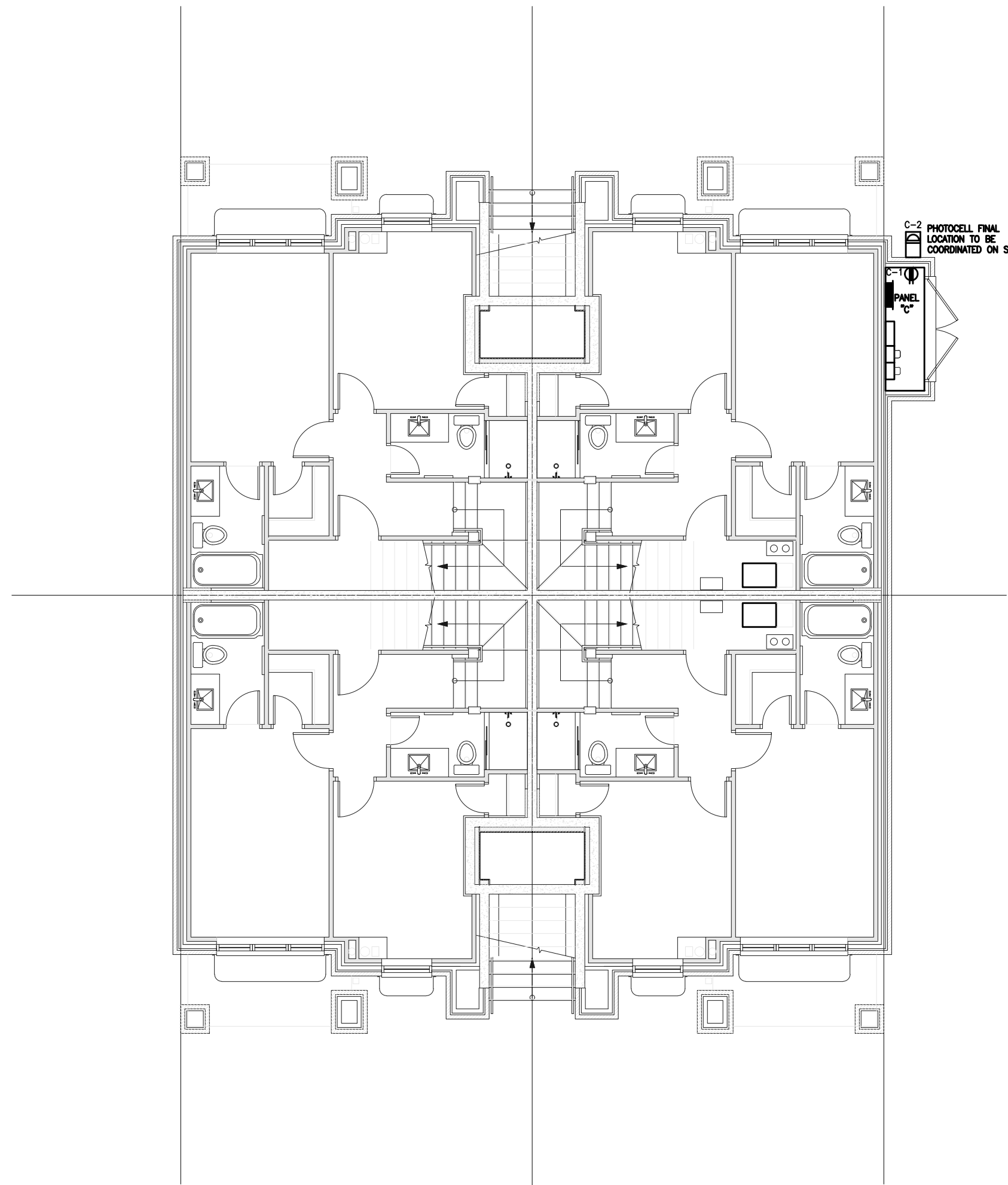
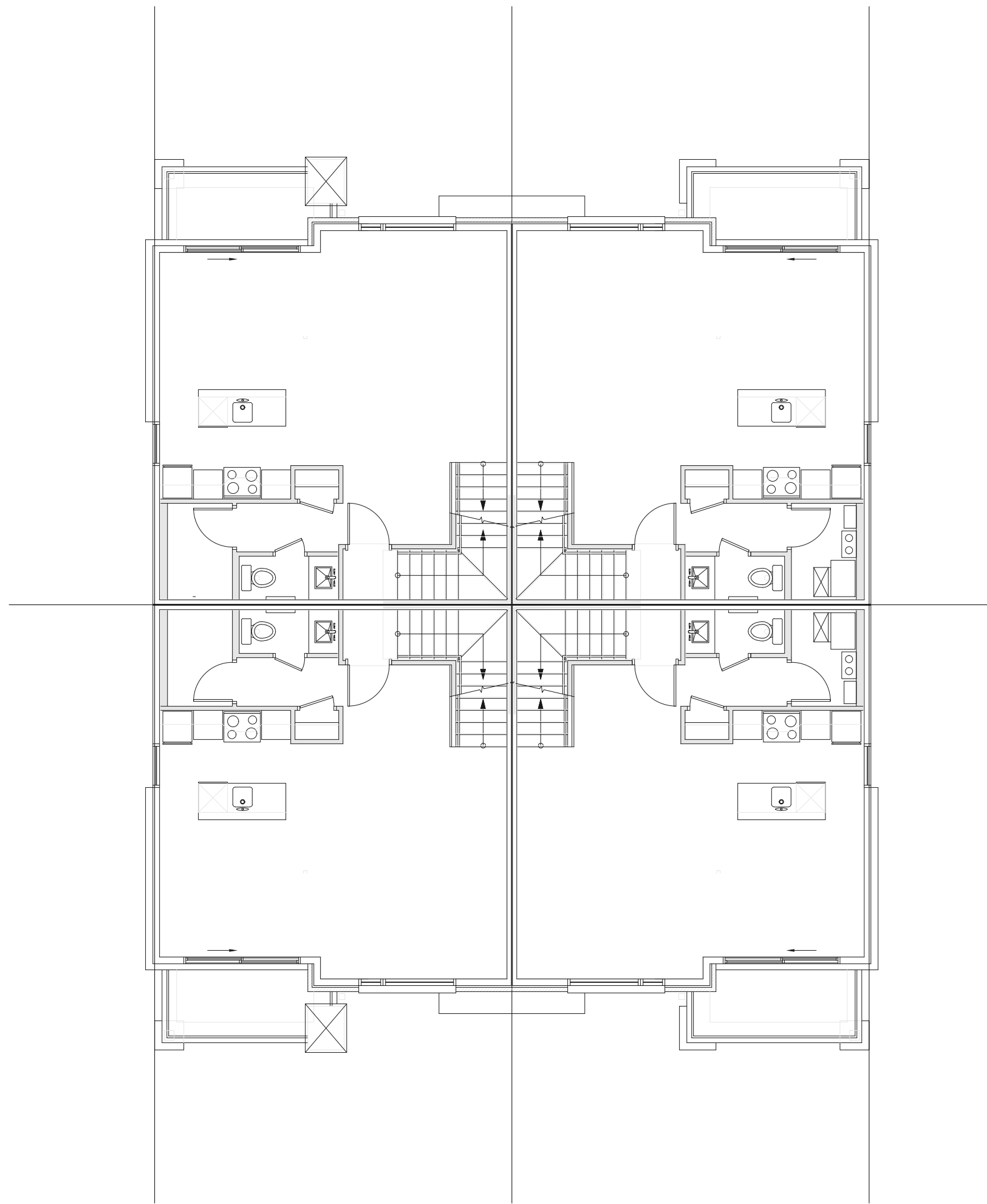
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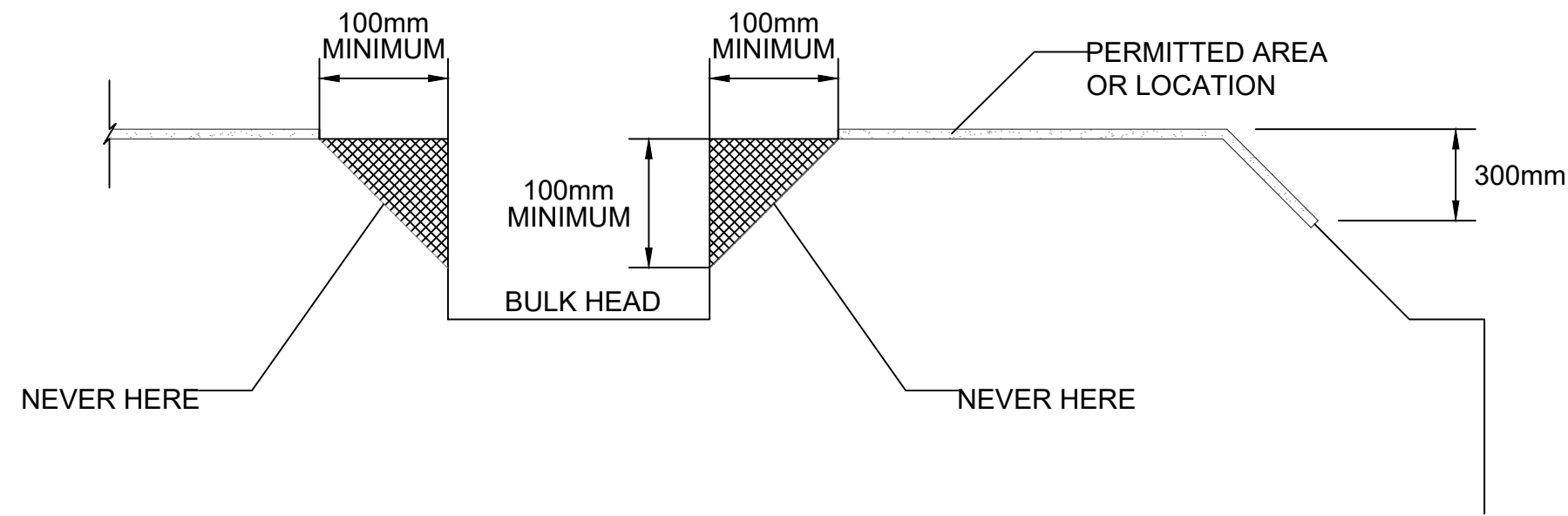
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TYPICAL UNIT POWER LAYOUT

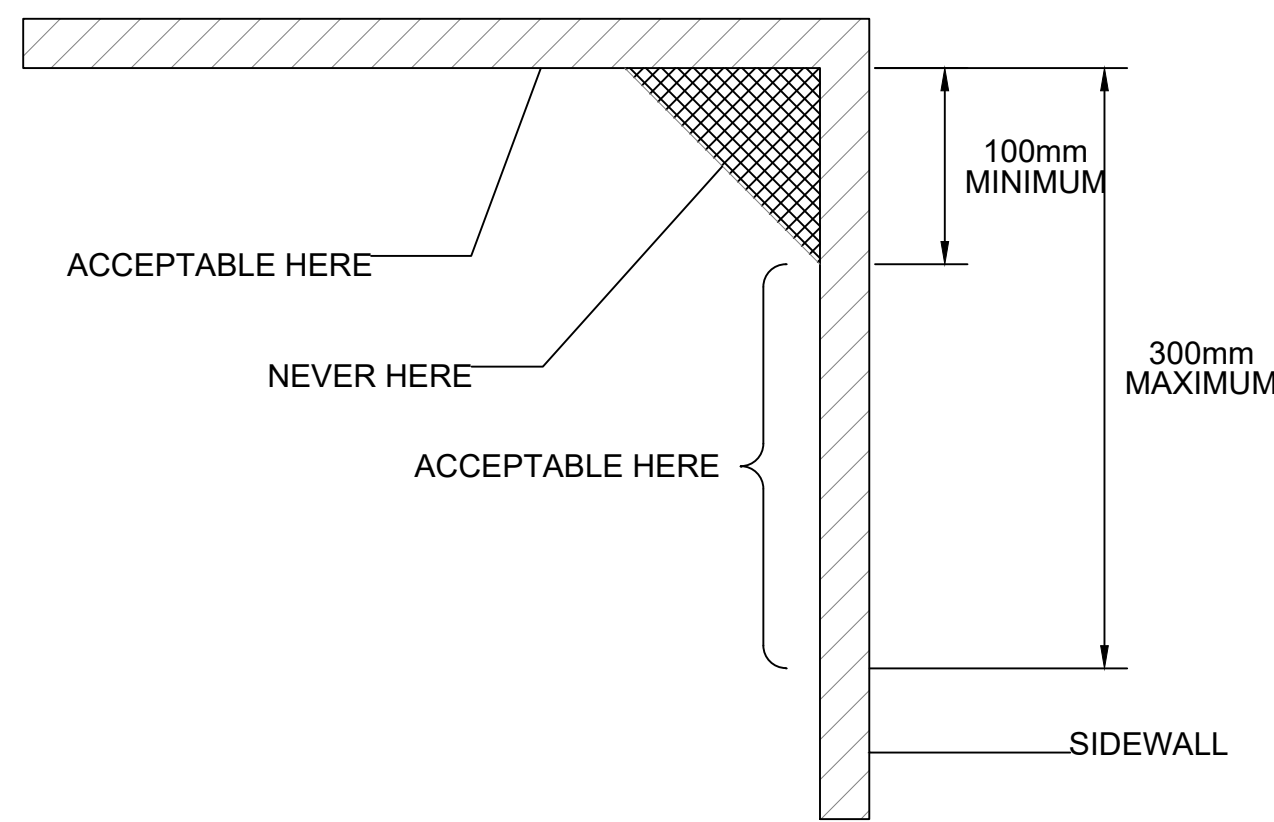
THIS DRAWING IS TO BE READ IN CONJUNCTION
WITH THE SPECIFICATION. WHERE CONFLICT ARISES
THE MORE STRINGENT OF THE TWO SHALL APPLY.

23-007E

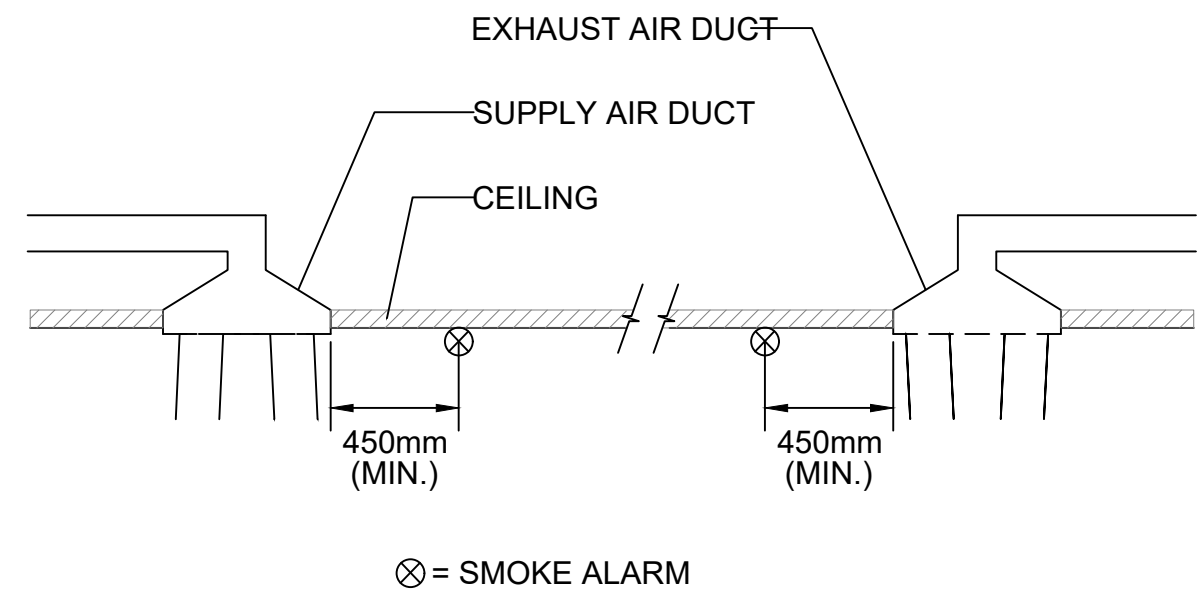
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2A SMOKE ALARMS IN COFFERED, BULK HEAD, OR TRAY-SHAPED CEILINGS
E300 NTS



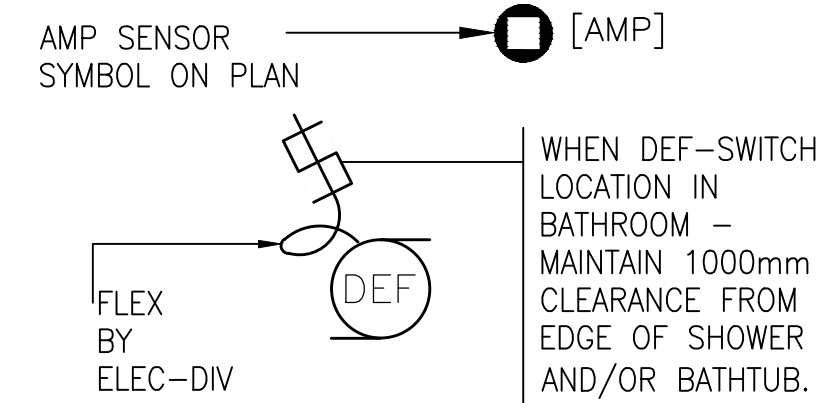
2B SMOKE ALARMS ON CORNERS
E300 NTS



2C SMOKE ALARMS WITH DUCTS
E300 NTS

DRYER EXHAUST FAN
CONTROLLED BY DRYER CURRENT
SENSOR.
CURRENT SENSOR
- SUPPLIED BY
MECH-DIVISION,
- INSTALLED & WIRED BY
ELEC-DIVISION.

DRYER AMP SENSOR
LOCATED INSIDE ELECTRICAL
PANEL-T.

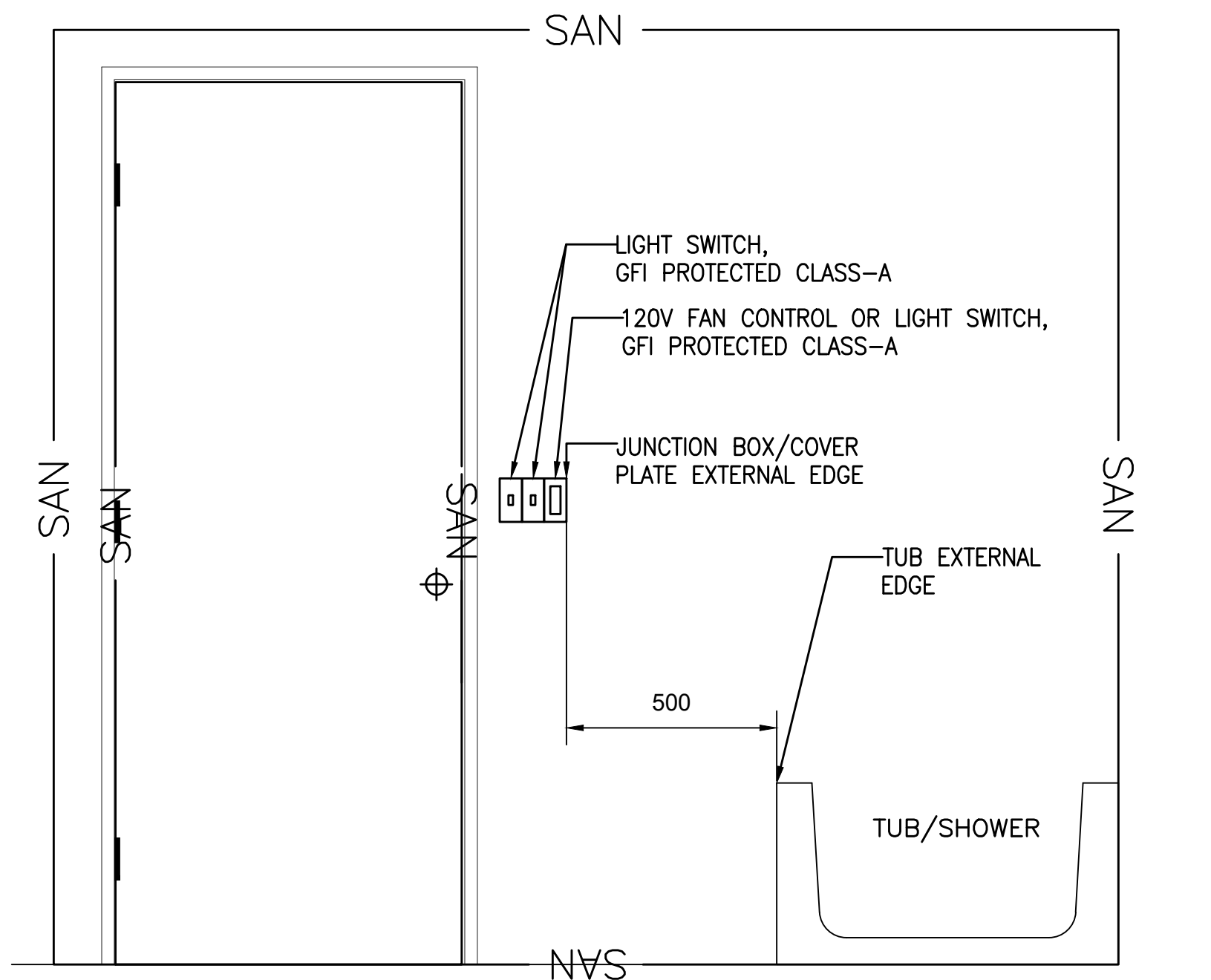


ELECTRICAL [DEF] LOAD:
120V, 1Ø,
2#12 IN 1/2" C.

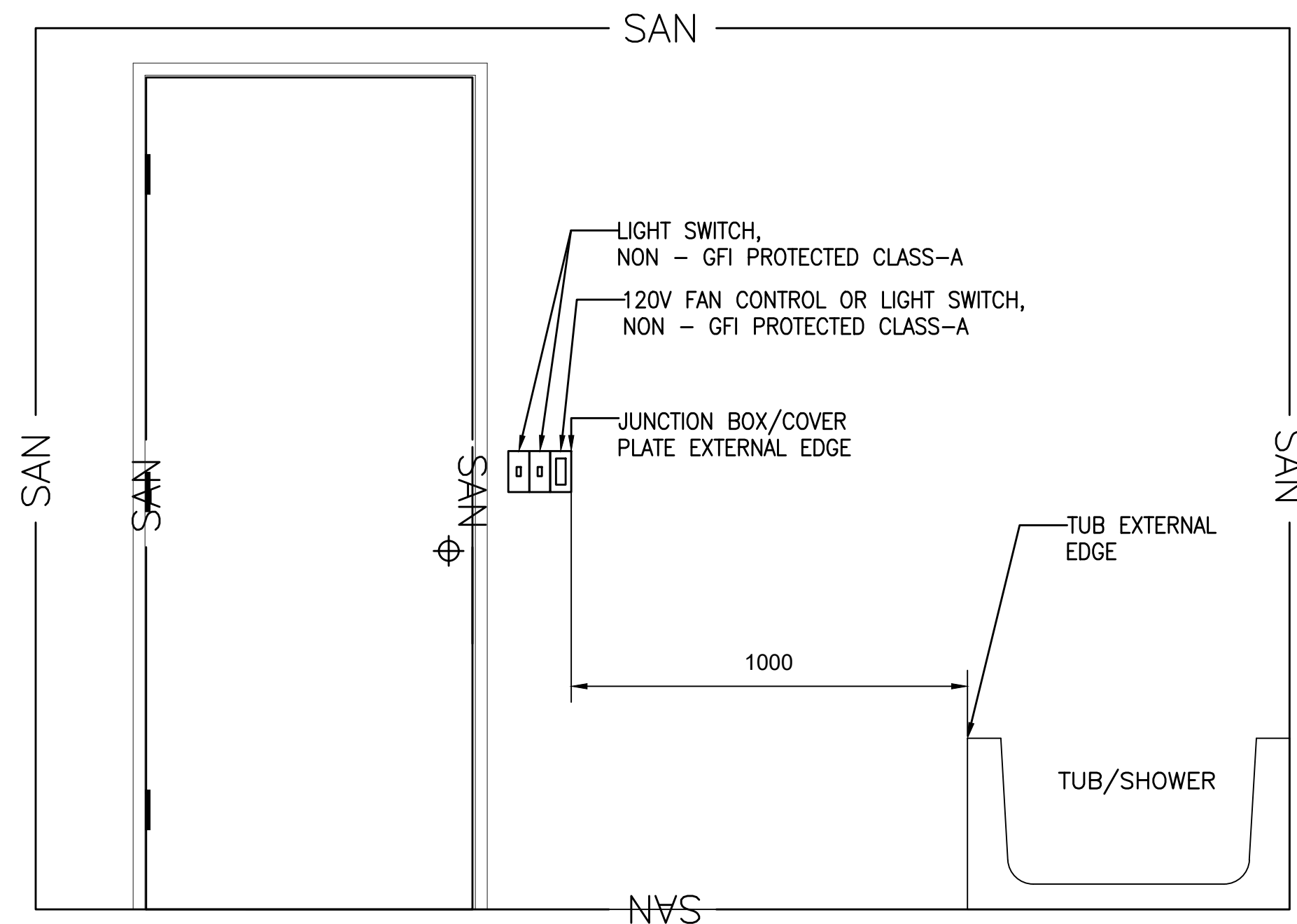
NOTE:
DEF EXHAUST FAN, TOGGLE SWITCH &
AMP SENSOR NOT ALL ARE SHOWN ON
PLANS.

NOTE:
ALL [DEF] REQUIRE A DISCONNECTING
MEANS NEXT TO EQP.

3 SUITE - [DEF] BATHROOM
E300 EXHAUST FAN
C/W AMP SENSOR (TYPICAL)
NTS



1B MINIMUM DISTANCE FROM TUB/SHOWER TO LIGHT
E300 SWITCH OR FAN CONTROL GFI PROTECTED CLASS-A
NTS



1A MINIMUM DISTANCE FROM TUB/SHOWER TO LIGHT
E300 SWITCH OR FAN CONTROL NON-GFI PROTECTED CLASS-A
NTS

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				Q M & E ENGINEERING			
				9 GURDIWARA ROAD, UNIT 200, OTTAWA, ONT., K2E 7X6 TEL: (613) 366-4783 e-mail: mail@qmengineering.com			
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				DRAWING NUMBER E-300			
				ELECTRICAL DETAILS			