

10 COMMERCE ROAD, ORANGEVILLE, ON  
JULY 02, 2025 - RCEL PROJECT NO.: 2341A-23



THE GENERAL NOTES AND TYPICAL DETAILS ARE APPLICABLE TO ALL ELECTRICAL CONDITIONS NOT SPECIFICALLY DETAILED OR REFERENCED ON ELECTRICAL DRAWINGS.

THESE NOTES, DETAILS AND DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.

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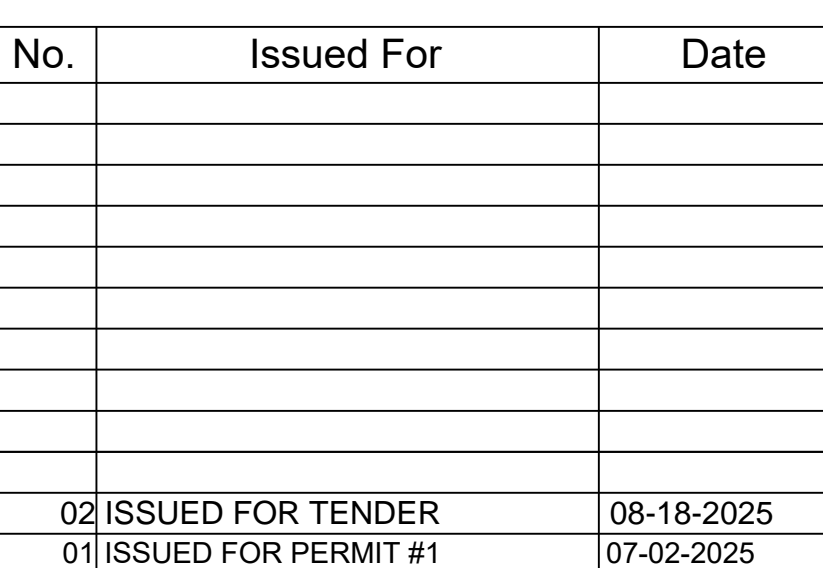
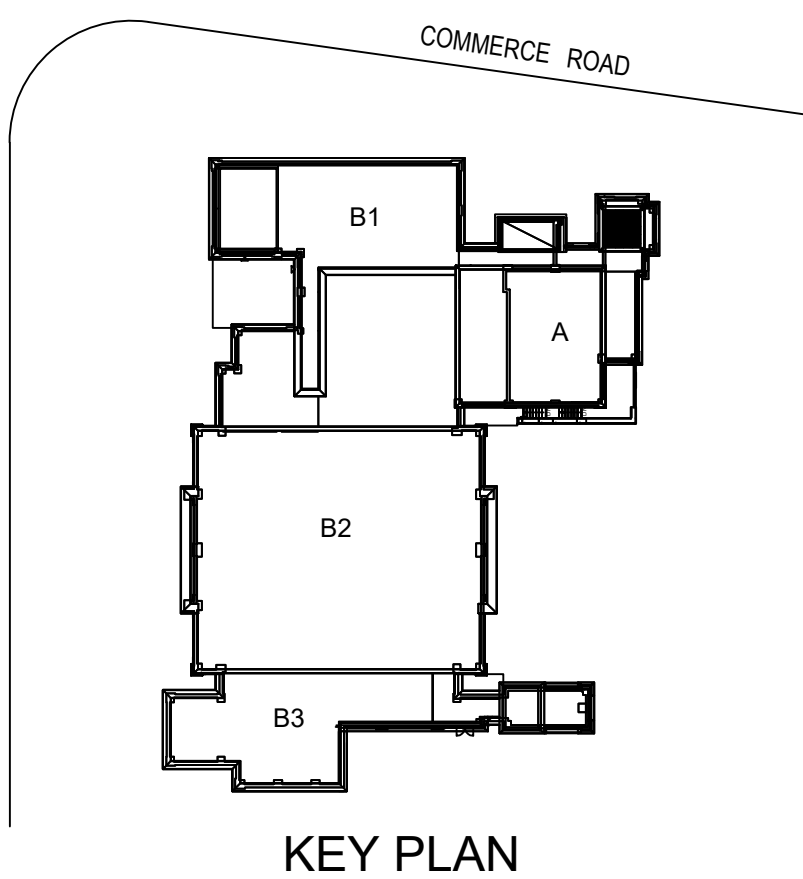
## CODES AND STANDARDS

DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST ONTARIO BUILDING CODE.

PROJECT CITY: ORANGEVILLE, ON

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Drawing Title

COVER PAGE

Project

TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

















10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

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2341A-23	File No.
2025-07-02	Plot Date



- THE ELECTRICAL CONTRACTOR SHALL COMPLETE ALL ELECTRICAL WORK IN ACCORDANCE WITH THE RELEVANT SECTION OF THE STANDARD BASE BUILDING SPECIFICATIONS AND THE BASE BUILDING DOCUMENTS WILL BE MADE AVAILABLE FOR REVIEW BY THE BUILDING OWNER IF SO REQUIRED.
- THE DRAWINGS FOR THE WORK OF THIS DIVISION ARE IN PART DIAGRAMMATIC, INTENDED TO CONVEY THE SCOPE OF THE WORK, GENERAL ARRANGEMENT AND LOCATION OF THE EQUIPMENT, APPROXIMATE SIZES AND LOCATIONS OF THE EQUIPMENT AND OUTLETS. FOLLOW THESE DRAWINGS IN EXECUTION OF THE WORK, CONSULT GENERAL CONSTRUCTION DRAWINGS TO become FAMILIAR WITH ALL CONDITIONS RELATING TO THE INSTALLATION AND TO VERIFY SPACES IN WHICH THE WORK WILL BE INSTALLED. REPORT ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL DRAWINGS AND THE ENGINEER'S DRAWINGS TO THE ENGINEER AND ARCHITECT PRIOR TO COMMENCING THE WORK.
- WHENEVER DIFFERENCES OCCUR BETWEEN PLANS OR DIAGRAMS OR SCHEMATICS, AND BETWEEN THE SPECIFICATIONS AND DRAWINGS, THE MAXIMUM CONDITION SHALL GOVERN, AND THE TENDER SHALL BE BASED ON WHICHEVER IS THE GREATER AMOUNT.
- KEEP A RECORD SET OF DRAWINGS ON THE SITE ON WHICH SHALL BE CLEARLY INDICATED, THE EXACT LOCATION OF ALL OUTLETS, LUMINAIRES, FEEDER RUNS, PANELS, JUNCTION BOXES, PULL BOXES, ETC. TWO COPIES OF THE RECORD SET MUST BE SUBMITTED TO THE ARCHITECT AT THE COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL DRAWINGS CAREFULLY TO DETERMINE THE EXTENT OF RENOVATIONS IN THE EXISTING BUILDING, EXAMINE THE SITE AND TOGETHER WITH DRAWINGS TO DETERMINE AND INCLUDE IN THE TOTAL PRICE OF THE TOTAL COST OF LABOUR AND MATERIAL, TO DISCONNECT, REMOVE, REPLACE, REWIRE OFF, RELOCATE OR MAKE SAFE ALL EXISTING CONDUIITS AND WIRE-JUNCTION BOXES, LUMINAIRES, AND EQUIPMENT REQUIRED.
- NO ALLOWANCE WILL BE MADE FOR OBVIOUS CONSIDERATIONS WHICH MAY HAVE BEEN OVERLOOKED.
- EXAMINE STRUCTURAL, MECHANICAL AND ARCHITECTURAL DRAWINGS TO ENSURE THAT THE WORK OF THIS DIVISION CAN BE SUCCESSFULLY COMPLETED WITHOUT NO INTERFERENCES OR DISCREPANCIES
- EXAMINE THE WORK OF THE OTHER TRADES, AS THEY AFFECT THIS DIVISION, AND REPORT IMMEDIATELY TO THE ARCHITECT OR INTERIOR DESIGNER ANY DEFECT OR INTERFERENCE THAT MAY AFFECT THE WORK OF THIS DIVISION, OR THE GUARANTEE OF THIS WORK.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL NECESSARY PERMITS, INSPECTIONS, TESTS, AND/OR APPROVALS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. ONCE THE ELECTRICAL WORK HAS BEEN COMPLETED AND ACCEPTED BY THE OWNER, THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE OWNER WITH CERTIFICATES VERIFYING THAT THE WORK HAS BEEN COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODES, BUILDING STANDARDS, AND ELECTRICAL STANDARDS, AND ANY LOCAL JURISDICTION.
- THE ELECTRICAL WORK SHALL BE CARRIED OUT AND PERFORMED WITH QUALITY WORKMANSHIP, TO THE SATISFACTION OF THE CONSULTANT, OWNER, AND ARCHITECT. ANY UNSATISFACTORY WORK SHALL BE REDONE OR REPLACED BY THIS DIVISION WITHOUT EXTRA COST TO THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE OWNER WITH A ONE YEAR WRITTEN WARRANTY, COMMENCING ON THE DATE OF ACCEPTANCE. THE WARRANTY SHALL COVER THE COMPLETE ELECTRICAL INSTALLATION. THE ELECTRICAL CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DEFECTS IN THE MATERIALS OR WORKMANSHIP WITHIN THE WARRANTY PERIOD AT THE TIME OF THE CALL.
- PROVIDE THE BUILDING OWNER WITH ONE SET OF "AS-BUILT" RECORD DRAWINGS PREPARED ON AUTOCAD (OR COMPATIBLE FORMAT), INCLUDING A COPY OF THE DRAWINGS IN DIGITAL FORMAT. PROVIDE THE ENGINEER WITH ONE SET OF BLACK LINE PRINTS OF THE "AS-BUILT" RECORD DRAWINGS. THESE DRAWINGS SHALL ONLY BE DELIVERED TO THE OWNER AND ARCHITECT AFTER COMPLETION OF THE WORK AFTER ALL DEFICIENCIES HAVE BEEN CORRECTED.
- THE ARCHITECT SHALL HAVE THE RIGHT, AT ANY TIME, TO CHANGE THE LOCATION OF ANY OUTLET OR FLOOR BOX UP TO TEN FEET WITHOUT EXTRA COST TO THE OWNER PROVIDED THERE IS NO DAMAGE TO THE FINISH SURFACE PRIOR TO INSTALLATION.
- IN CASE EXTRA WORK OF ANY KIND IS REQUIRED, OBTAIN WRITTEN INSTRUCTIONS FROM THE ARCHITECT AND THE ENGINEER BEFORE PROCEEDING. PAYMENT WILL BE MADE AT A FAIR AND REASONABLE RATE ONLY FOR AUTHORIZED EXTRA WORK. IN THE EVENT OF ANY OMISSIONS, THE SAME SHALL BE MATCHED TO THE EXISTING CONDITIONS. ALL EXISTING WORK THAT CANNOT BE REMOVED SHALL BE DISCONNECTED FROM THEIR SUPPLY, BUNKED-OFF, AND OTHERWISE MADE SAFE.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AND REMOVING ALL ELECTRICAL EQUIPMENT FROM THE BUILDING BEING ALTERED OR DEMOLISHED, Wires, Conduits, And All Other ITEMS NOT REQUIRED TO MAINTAIN SERVICE IN OTHER PARTS OF THE BUILDING SHALL BE TEMPORARILY SUPPORTED AND KEPT IN PLACE UNTIL SUCH WORK IS COMPLETED AND AS REQUIRED. CONDUITS AND WIRING SHALL BE DISCONNECTED FROM THEIR SOURCE OF SUPPLY AND REMOVED FROM THE SITE, EXCEPT THEY SHALL BE LEFT IN PLACE TO BE USED FOR THE NEW STRUCTURE AND THE FINAL WORK IS MATCHED TO MATCH THE EXISTING CONDITIONS. ALL EXISTING WORK THAT CANNOT BE REMOVED SHALL BE DISCONNECTED FROM THEIR SUPPLY, BUNKED-OFF, AND OTHERWISE MADE SAFE.
- SUBMIT SHOP DRAWINGS OF LUMINAIRES, PANELBOARDS, AND OTHER MAJOR ELECTRICAL EQUIPMENT, AS THEY APPLY TO THIS PROJECT, AND AS REQUESTED BY ENGINEER. ALL SHOP DRAWINGS SHALL BE CHECKED AND STAMPED AS BEING CORRECT BY THE ELECTRICAL AND GENERAL CONTRACTOR PRIOR TO SUBMISSION TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS NOT STAMPED AS SUCH WILL NOT BE REVIEWED AND WILL BE RETURNED AND DESIGNATED AS "REVISE AND RESUBMIT".
- THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY INTERRUPTION TO THE EXISTING SERVICES. ALL THE EXISTING SERVICES SHALL BE KEPT IN OPERATION AT ALL TIMES. ARRANGE WORK IN SUCH A MANNER THAT INTERRUPTIONS IN SERVICES OCCUR ONLY AT SCHEDULED TIMES, AND WITH SERVICES ALREADY BEING INTERRUPTED. UNDESIRABLE INTERRUPTIONS TO SUCH SERVICES SHALL BE SCHEDULED AT LEAST 48 HOURS IN ADVANCE. OVERTIME WORK THAT MAY BE REQUIRED TO TI-IN SERVICES AT NIGHT OR ON WEEKENDS SHALL BE INCLUDED IN THE TENDER AMOUNT.
- ALL NEW SERVICES WHICH PENETRATE THE FLOOR SLAB OR FIRE-RATED WALLS AND CEILINGS SHALL BE INSTALLED IN RIGID STEEL CONDUIT AND SHALL BE SEALED WITH AN APPROVED, NON-SHRINK WATERPROOF AND FIREPROOF SEALANT.
- ALL WORK SHALL BE SCHEDULED AND COORDINATED TO AVOID INTERFERENCES WITH OTHER TRADES DURING AND AFTER CONSTRUCTION.
- PROVIDE TEMPORARY ELECTRICAL POWER FOR THE WORK OF THIS DIVISION AND OTHER TRADES AS REQUIRED BY THE GENERAL CONTRACTOR OR OWNER.

1. THE WORK AS SPECIFIED OR INDICATED INCLUDES REVISIONS TO THE EXISTING BUILDING AND ITS RELATED ELECTRICAL COMPONENTS AND EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND INCLUDING THESE IN THE TENDER AMOUNT REGARDLESS OF WHETHER THEY ARE INDICATED ON THE PLANS. ENSURE THAT ALL SUCH COMPONENTS ARE FULLY COMPATIBLE WITH THE EXISTING BASE-BUILDING SYSTEMS.
2. OBTAIN UTILITY APPROVAL FROM BUILDING OWNER TO PENETRATE ANY STRUCTURAL SURFACES OR FLOOR SLABS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING ANY DAMAGE INCURRED AT NO EXTRA COST TO THE BUILDING OWNER.
3. CAREFULLY EXAMINE THE SITE AND CONDITIONS OF THE PROPOSED WORK TOGETHER WITH THE WORK OF ALL OTHER TRADES AND INCLUDE IN THE TENDER AMOUNT ALL ASSOCIATED COSTS SUCH AS: CUTTING, PATCHING, RE-ROUTING AND/OR REPAIRS OF ELECTRICAL EQUIPMENT AND/OR STRUCTURES. THE CONTRACTOR SHALL ACCOMMODATE THE ARCHITECTURAL RENOVATIONS AND ELECTRICAL SYSTEMS INDICATED; NO EXTRAS WILL BE ALLOWED FOR REMOVAL OR REPOSITIONING OF EXISTING ELECTRICAL SERVICES THAT WERE EXPOSED, OR KNOWN TO EXIST, AT THE TIME OF TENDER.
4. NEW CONDUITS AND OTHER NEW SERVICES SHALL BE CAREFULLY ROUTED SO THAT THEY DO NOT INTERFERE WITH ANY EXISTING INSTALLATIONS. ANY EXISTING CONDUITS, CABLE TRAYS, BUS DUCTS, OR OTHER SERVICES THAT INTERFERE WITH THE NEW INSTALLATION SHALL BE REROUTED UNDER THE CONTRACT.
5. REMOVE AND/OR RELOCATE EXISTING LUMINARIES, CONDUIT AND WIRING, WIRING DEVICES, AND OTHER EQUIPMENT AS NECESSARY TO ACCOMMODATE THE NEW CONSTRUCTION INCLUDING NEW CEILING AND PARTITION LAYOUTS. EXISTING CONDUIT, WIRING AND ELECTRICAL OUTLETS THAT ARE NOT BEING REUSED SHALL BE CUT BACK IN AN APPROPRIATE MANNER SO THAT THE FINISHED WORK IS CLEAN AND NEAT IN APPEARANCE. PATCH SURFACE TO MATCH EXISTING.
6. ALL BASE-BUILDING LUMINARIES, TRANSFORMERS, PANELBOARDS, AND DISCONNECT SWITCHES WHICH ARE REMOVED SHALL BE HANDLED OVER TO THE BUILDING OWNER. SUCH EQUIPMENT SHALL BE DELIVERED TO THE BUILDING OWNER'S STORAGE AREA. THE BUILDING OWNER IS DIRECTED BY TENANT TO PROVIDE A MINIMUM 8'-0" STORAGE OWNER'S STORAGE AREA SHALL BE EXTRA TO THE CONTRACT AND SHALL BE ARRANGED BETWEEN THE CONTRACTOR AND BUILDING OWNER.
7. REMAINING REMOVED EQUIPMENT AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UPON COMPLETION OF THE WORK. UNLESS NOTED OTHERWISE, THE CONSTRUCTION SITE SHALL BE KEPT CLEAN AND ANY DEBRIS OR CONSTRUCTION MATERIAL, SHALL BE REMOVED FROM THE SITE THROUGHOUT THE CONSTRUCTION PERIOD AND ON COMPLETION OF THE WORK AS DIRECTED BY THE OWNER'S AND TENANT'S REPRESENTATIVE.
8. ALL CONDUCTORS SHALL BE STRANDED OR SOLID COPPER SIZED AS SHOWN WITH TYPE RNM, XLN INSULATION AND A MINIMUM WIRE SIZE OF #12AWG (20 AMP) RATED. ALL WIRING IN CEILINGS AND PARTITIONS SHALL BE IN RIGID CONDUIT. ALL WIRING IN PARTITIONS SHALL BE IN RIGID STEEL CONDUIT. ARMORED CABLE MAY BE PERMITTED TO DROPP DOWN DROPS FROM JUNCTION BOXES TO LUMINARIES AND IN PARTITIONS, UNLESS PROHIBITED BY CODE OR BUILDING STANDARDS. ARMORED CABLE SHALL NOT BE USED IN ANY EXPOSED AREAS, UNLESS SPECIFICALLY NOTED.

ELECTRICAL LEGEND	
	15 AMP RESIDENTIAL GRADE, GROUND DUPLEX OUTLET. LEVITON WHITE, MODEL # 5262-SG OR SIMILAR.
	X DENOTES THE NEMA CONFIGURATION FOR THE RECEPTACLE AS INDICATED ON DRAWING. I.G. REFERS TO ISOLATED GROUND TYPE DEVICE.
	X DENOTES THE NEMA CONFIGURATION FOR THE RECEPTACLE AS INDICATED ON DRAWING. POP UP FLOOR BOX W/20A GFI PROTECTED DUPLEX POWER - STAINLESS STEEL. PART # PUFF-SQ-SG-GFI OR SIMILAR
	15A 120V 1PH GROUNDED DUPLEX RECEPTACLE, CEILING MOUNTED. DECORA BLACK, MODEL #5262-SG OR SIMILAR
	DW
	HF
	ST
	DR
	GFI
	NOVA NV SERIES WHITE MODEL # NV1236-2SR5WLED-120347V, 2134MM MOUNTING HEIGHT
	● ●
	EXIT
	EXIT
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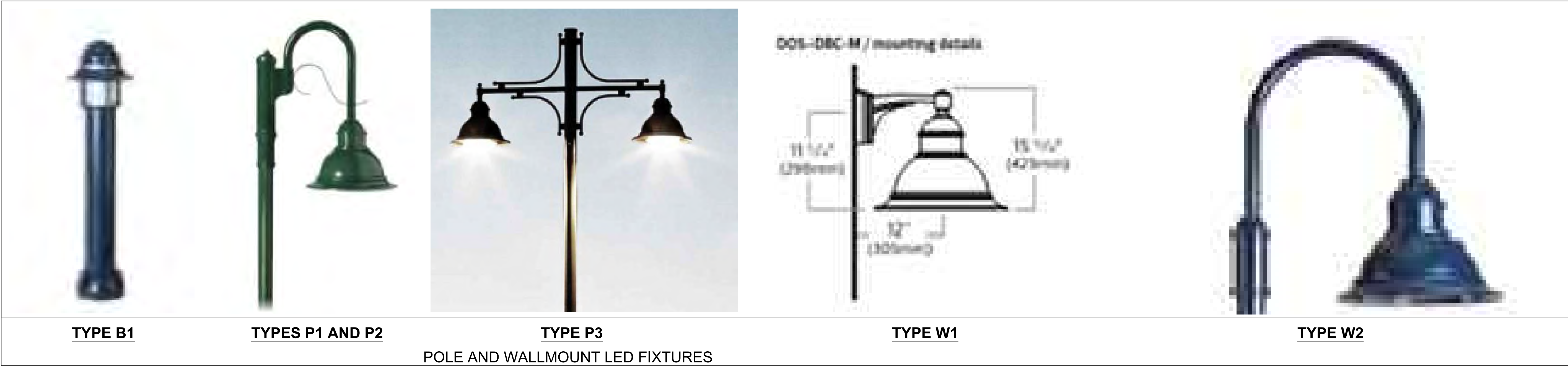
- ACCESS PANELS MAY BE PROVIDED IN CEILINGS WHERE JUNCTION BOXES CANNOT BE LOCATED IN ACCESSIBLE LOCATIONS. PROVIDED THAT APPROVAL HAS BEEN OBTAINED FROM THE ARCHITECT.
10. ALL ELECTRICAL EQUIPMENT SHALL BE CSA OR CULC LISTED AND SHALL BEAR THE CSA OR CULC STAMP AND BE OF COMMERCIAL GRADE.
11. ALL ELECTRICAL EQUIPMENT SHALL OPERATE WITHOUT OBJECTIONABLE NOISE OR VIBRATION AND SHALL BE RECEIVED TO THE OWNER'S SATISFACTION.
12. EXPOSED COVER PLATES SHALL BE INSTALLED AFTER FINAL PAINTING, FLUSH WITH THE WALL
13. LOCAL SWITCHES SHALL BE 20 AMP-RATED, SPECIFICATION GRADE. VOLTAGE AS INDICATED. EXACT LOCATION AND MOUNTING HEIGHT SHALL BE COORDINATED WITH ARCHITECT OR INTERIOR DESIGNER PRIOR TO ROUGH-IN. MOUNTING HEIGHT MUST CONFORM TO BUILDING CODE REQUIREMENTS FOR BARRIER-FREE ACCESSIBILITY.
14. DUPLEX RECEPTACLES SHALL BE 120VOLT, 15 OR 20 AMP-RATED, SPECIFICATION GRADE, UNLESS OTHERWISE NOTED. VERIFY EXACT LOCATION, MOUNTING HEIGHT, AND COLOUR WITH ARCHITECT PRIOR TO INSTALLATION.
15. ALL GROUNDING SHALL CONFORM TO THE CANADIAN ELECTRICAL CODE AND LOCAL AUTHORITY REQUIREMENTS.
16. EXISTING PANELBOARD DIRECTORIES SHALL BE REPLACED WITH NEW TYPE-WRITTEN DIRECTORIES WHICH REFLECT THE LATEST REVISIONS. EXISTING PANELBOARDS WITHOUT DIRECTORIES AND NEW PANELBOARDS SHALL BE PROVIDED WITH TYPE-WRITTEN DIRECTORIES, WITH LABELING BASED ON ROOM NUMBERS AND/OR LOCATION.
17. NEW PANELBOARDS SHALL MATCH BASE-BUILDING STANDARDS WITH CIRCUITS AS INDICATED ON THE PLANS. CIRCUIT BREAKERS SHALL BE BOLT-TON TYPE ONLY. ALL NEW PANELBOARDS SHALL HAVE LOAD-BALANCING FEEDERS AND BRANCH CIRCUITS.
18. DISCONNECT SWITCHES SHALL BE OF "QUICK-MAKE/QUICK-BREAK" TYPE, AND OF SAME MANUFACTURE AS BASE-BUILDING EXISTING UNITS WHERE PRACTICAL.
19. FUSES SHALL BE GOLD-STANDARD OR APPROVED EQUIVALENT, DUAL-ELEMENT TYPE, SIZED TO SIZE ON THE DRAWINGS.
20. PROVIDE ENGRAVED LABELING NAMEPLATES ON ALL MAJOR ELECTRICAL EQUIPMENT IDENTIFYING-EQUIPMENT NAME, VOLTAGE, PHASE, CURRENT RATING, DESTINATION, AND USE. LETTERING SHALL BE WHITE, MINIMUM 14" HIGH ON A BLACK BACKGROUND
21. PHOTOCELL/TIMESWITCH SHALL BE TORK (ICS SERIES (PHOTOCELL)) AND TORK "7200" SERIES (TIMESWITCH) 120VAC, DPST, 24 HOUR.

POLE LENGTH	MINIMUM BASE BURIAL DEPTH	MINIMUM REINF. ROD LENGTH
(m)	(m)	(m)
5.6	2.15	H + 2.00





















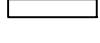



- ALL DIMENSIONS ARE IN MILLIMETRES  
OR METRES
- TOP OF FOUNDATION SHALL BE  
TROWELLED SMOOTH & LEVEL.
- CLASS OF CONCRETE SHALL BE 25mpa.  
CONCRETE SHALL BE VIBRATED.
- MINIMUM OF TWO SLEEVES REQUIRED  
FOR EACH CONC. FOUNDATION UNLESS  
OTHERWISE SHOWN.
- PROVIDE A 19mm DIA. 3000mm STEEL  
COPPER COATED GROUND ROD  
ADJACENT TO POLES AS SHOWN  
IN PLAN AND CONNECT TO METAL  
POLE WITH BARE COPPER CONDUCTOR.
- CONTRACTOR TO VERIFY OPENING SIZE  
IN POLE BASE PLATE PRIOR TO SETTING  
CONDUIT SLEEVES.
- SUBJECT TO SOIL CONDITIONS, REFER  
TO SOIL REPORT.
- FORM RELEASE AGENT HAS BEEN  
FACTORY-APPLIED TO INSIDE SURFACE  
OF "AIRFORM".







LIGHTING POLE, FLAGPOLE,  
SIGN AND COLUMN BASE

Where applicable, this detail drawing must  
be modified to meet local requirements and  
soil conditions.



## POLE AND WALLMOUNT LED FIXTURES

	CEILING MOUNTED FIRE ALARM SPEAKER / STROBE
	FIRE ALARM WALL MOUNTED SPEAKER
	FIRE ALARM WALL MOUNTED SPEAKER / STROBE
	DOOR CONTACT
	ELECTRIC DOOR STRIKE
	CARD READER
	RELEASE TO EXIT
	END-OF-LINE RESISTOR
	HEAT DETECTOR (135 DEGREE RATE OF RISE AND FIXED TEMPERATURE)
	HEAT DETECTOR (135 DEGREE FIXED TEMPERATURE)
	HEAT DETECTOR (190 DEGREE RATE OF RISE AND FIXED TEMPERATURE)
	HEAT DETECTOR (190 DEGREE RATE OF RISE AND FIXED TEMPERATURE)
	DUCT TYPE SMOKE DETECTOR
	SMOKE DETECTOR (RL-RELAY BASE)
	SECURITY CAMERA (DASHED LINE REPRESENT FUTURE CAMERA LOCATION)
	CO SENSOR
	OCCUPANCY SENSOR
	LIGHT SWITCH
	EMERGENCY PHONE OUTLET. PROVIDE A 3/4" EMPTY CONDUIT AND PULLSTRING.
	DATA / VOICE CONNECTION. PROVIDE A 3/4" EMPTY CONDUIT AND PULLSTRING.
	COAXIAL CONNECTION FOR TV. TV'S WILL UTILIZE HDMI OVER ETHERNET EXTENDERS. EACH TV LOCATION WILL REQUIRE AN ETHERNET CABLE (DATA JACK) ROUTED BACK TO THE COMM. RM.
	COMMUNICATION PANEL
	POWER CONNECTION
	UNFUSED DISCONNECT SWITCH
	COMMUNICATIONS HANGER (WALL MOUNTED)
	CEILING SPEAKER

	UP-DOWN-STOP PUSHBUTTON
	OVERHEAD DOOR CONTACT
	3 TRAFFIC CONTROL SIGNAL
	WIRELESS ACCESS POINT. PROVIDE 3/4" EC C/W PULLSTRING TO CABLE MANAGEMENT SYSTEM
	KEY PAD
	VOLUME CONTROL DEVICE

## DRAWING LIST

DRAWING NO.	DRAWING TITLE
E-000	COVER PAGE
E-001	ELECTRICAL SPECIFICATIONS, LEGEND & DRAWING LIST
E-002	SITE PLAN PHOTOMETRICS
E-003	SITE PLAN ELECTRICAL
E-004	ELECTRICAL DETAILS
E-100	ENLARGEMENT BUILDING A1 LIGHTING
E101	ENLARGEMENT BUILDING B1 LIGHTING
E-102	ENLARGEMENT BUILDING B2 LIGHTING
E-103	ENLARGEMENT BUILDING B3 LIGHTING
E104	LIGHTING FIXTURE SCHEDULE
E-200	ENLARGEMENT BUILDING A1 POWER
E201	ENLARGEMENT BUILDING B1 POWER
E-202	ENLARGEMENT BUILDING B2 POWER
E-203	ENLARGEMENT BUILDING B3 POWER
E-204	ENLARGEMENT BUILDING A1 POWER ROOF PLAN
E-205	ENLARGEMENT BUILDING B1 POWER ROOF PLAN
E-206	ENLARGEMENT BUILDING B3 POWER ROOF PLAN
E-400	ELECTRICAL SINGLE LINE DIAGRAM
E-401	PANEL SCHEDULES

## DRAWING LIST

DRAWING NO.	DRAWING TITLE
E-402	PANEL SCHEDULES
E-500	FIRE ALARM RISER DIAGRAM
E-501	FIRE ALARM PASSIVE GRAPHIK
E-502	MISCELLANEOUS ELECTRICAL DETAILS



ARCHITECTURAL CAST-IN-PLACE  
CONCRETE BASE "KELLAMY 610R"  
SERIES CAST-IN-PLACE CONCRETE  
BASE DETAIL

### POLE CONCRETE BASE VIEW

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## KEY PLAN



No.	Issued For	Date
02	ISSUED FOR TENDER	08-18-2025
01	ISSUED FOR PERMIT #1	07-02-2025



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Drawing Title

## ELECTRICAL SPECIFICATIONS, LEGEND & DRAWING LIST

Project

**TOWN OF ORANGEVILLE**  
**FIRE STATION PROJECT**

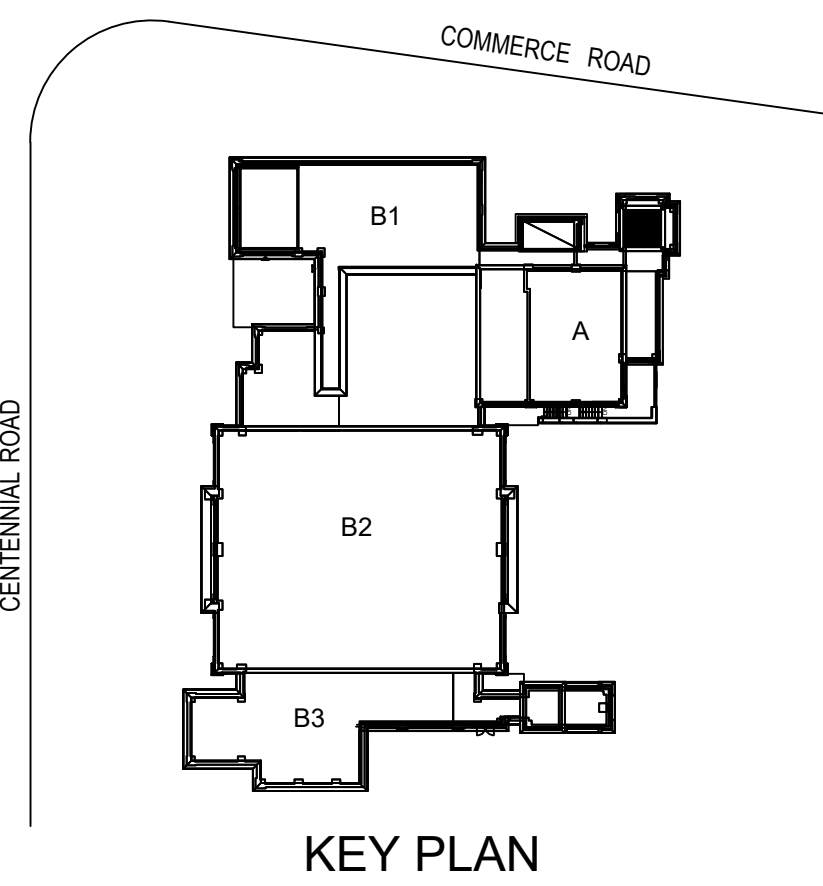
10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

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MG	
	File No.
2341A-23	
	Plot Date
2025-07-02	

E-001



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No.	Issued For	Date
02	ISSUED FOR TENDER	08-18-2025
01	ISSUED FOR PERMIT #1	07-02-2025



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# SITE PLAN PHOTOMETRICS

Project

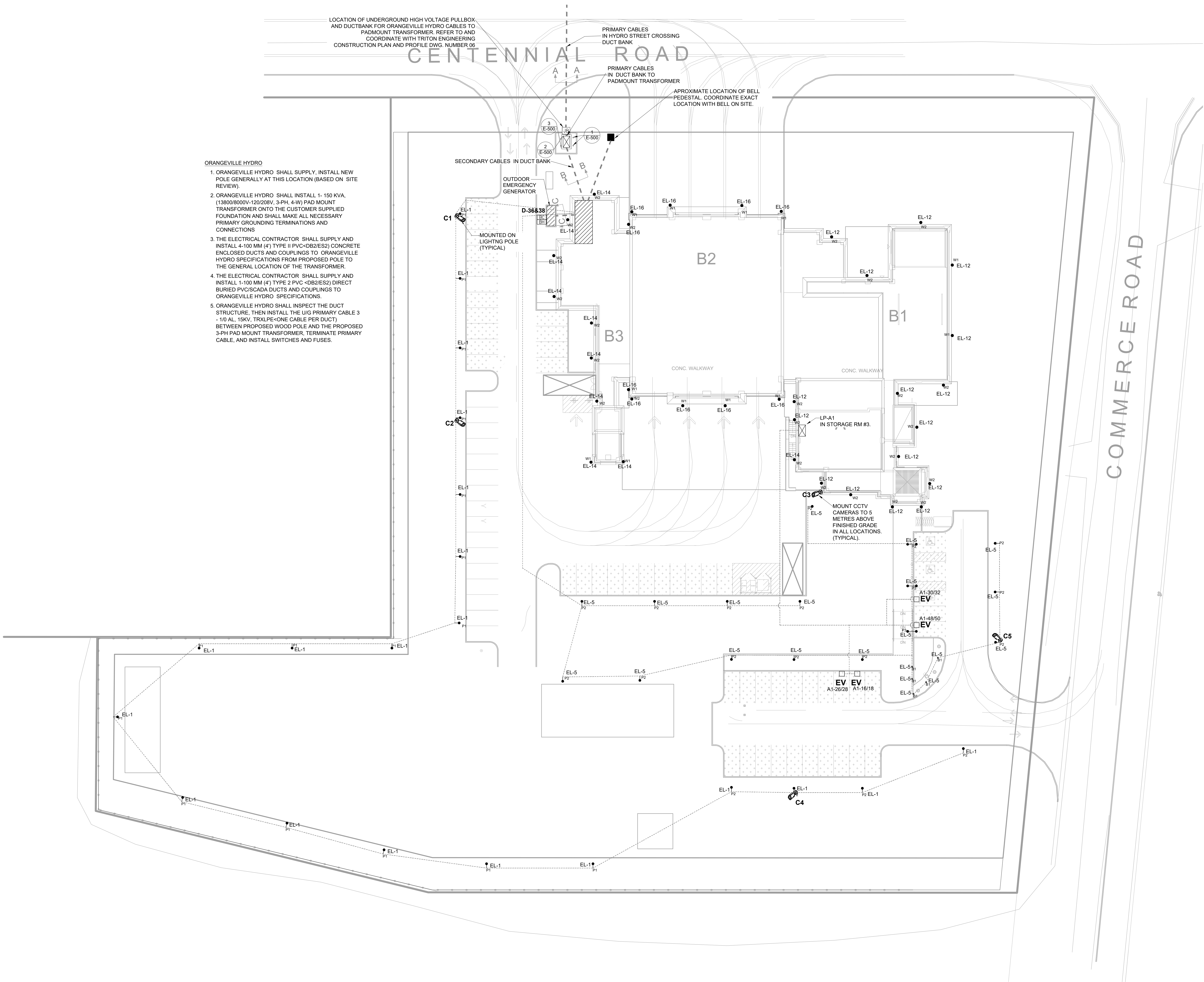
**TOWN OF ORANGEVILLE  
FIRE STATION PROJECT**

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

Scale
1:250
Issued by
MG
File No.
2341A-23
Plot Date
2025-07-02

Luminaire Schedule										
Symbol	Label	Description	Arrangement	Mounting	Manufacturer	Lum. Lumens	LED		Lum. Watts	Qty
	P1	DOSB1-30W1LED4K-120	Single	1.0m Bolland	LUMEC by Signify	1235	0.900	30	5	
	P2	DMSS0-35W3LED4K-63-LE4F-HB	Single	20 FT MH Pole	LUMEC by Signify	3033	0.900	37	16	
	P3	DMSS0-35W3LED4K-63-LE4S	Single	20 FT MH Pole	LUMEC by Signify	5315	0.900	37	17	
	W1	DMSS0-35W3LED4K-63-LE4S	Back-Back	20 FT MH Pole	LUMEC by Signify	5315	0.900	37	3	
	W2	DOS-30W16LED4K-12-LE4F	Single	Wall Surface	LUMEC by Signify	4622	0.900	54	12	
	W3	DOS-30W16LED4K-12-LE3F	Single	Wall Surface	LUMEC by Signify	3129	0.900	38	24	





- ORANGEVILLE HYDRO
1. ORANGEVILLE HYDRO SHALL SUPPLY, INSTALL NEW POLE GENERALLY AT THIS LOCATION (BASED ON SITE REVIEW).
  2. ORANGEVILLE HYDRO SHALL INSTALL 1- 150 KVA, (13800/6000V-120/208V, 3-PH, 4-W) PAD MOUNT TRANSFORMER ONTO THE CUSTOMER SUPPLIED FOUNDATION AND SHALL MAKE ALL NECESSARY PRIMARY GROUNDING TERMINATIONS AND CONNECTIONS
  3. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL 4-100 MM (4") TYPE II PVC<DB2/ES2> CONCRETE ENCLOSED DUCTS AND COUPLINGS TO ORANGEVILLE HYDRO SPECIFICATIONS FROM PROPOSED POLE TO THE GENERAL LOCATION OF THE TRANSFORMER.
  4. THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL 1-100 MM (4") TYPE 2 PVC <DB2/ES2> DIRECT BURIED PVC/SCADA DUCTS AND COUPLINGS TO ORANGEVILLE HYDRO SPECIFICATIONS
  5. ORANGEVILLE HYDRO SHALL INSPECT THE DUCT STRUCTURE, THEN INSTALL THE U/G PRIMARY CABLE 3 - 1/0 AL, 15KV, TRXLPE<ONE CABLE PER DUCT> BETWEEN PROPOSED WOOD POLE AND THE PROPOSED 3-PH PAD MOUNT TRANSFORMER. TERMINATE PRIMARY CABLE, AND INSTALL SWITCHES AND FUSES.

ORANGEVILLE FIRE HALL - 30 CENTENNIAL ROAD ORANGEVILLE ON

Luminaire Schedule									
Symbol	Label	Description	Arrangement	Mounting	Manufacturer	Lum. Lumens	LLD	Lum. Watts	Qty
	B1	DOB11-30W15L ED4K-120	Single	1.0m Bollard	LUMEC by Signify	1235	0.900	30	4
	P1	DM55-30W32L ED4K-G3-L4F-HS	Single	20-FT MH Pole	LUMEC by Signify	3933	0.900	37	16
	P2	DM55-30W32L ED4K-G3-L4S	Single	20-FT MH Pole	LUMEC by Signify	5315	0.900	37	20
	P3	DM55-30W32L ED4K-G3-L4S	Single	20-FT MH Pole	LUMEC by Signify	5315	0.900	37	3
	W1	DOS-50W30L ED4K-7-L4F	Single	Wall Surface	LUMEC by Signify	4822	0.900	54	11
	W2	DOS-30W16L ED4K-7-L4F	Single	Wall Surface	LUMEC by Signify	3129	0.900	38	19

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Drawing Title  
SITE PLAN ELECTRICAL

Project  
TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

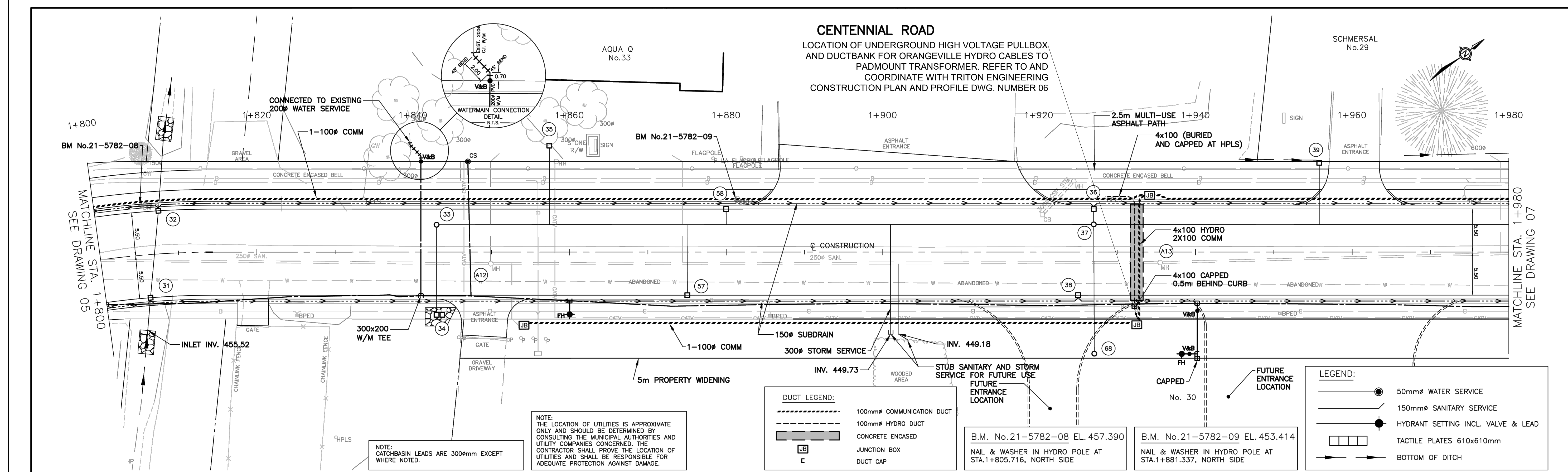
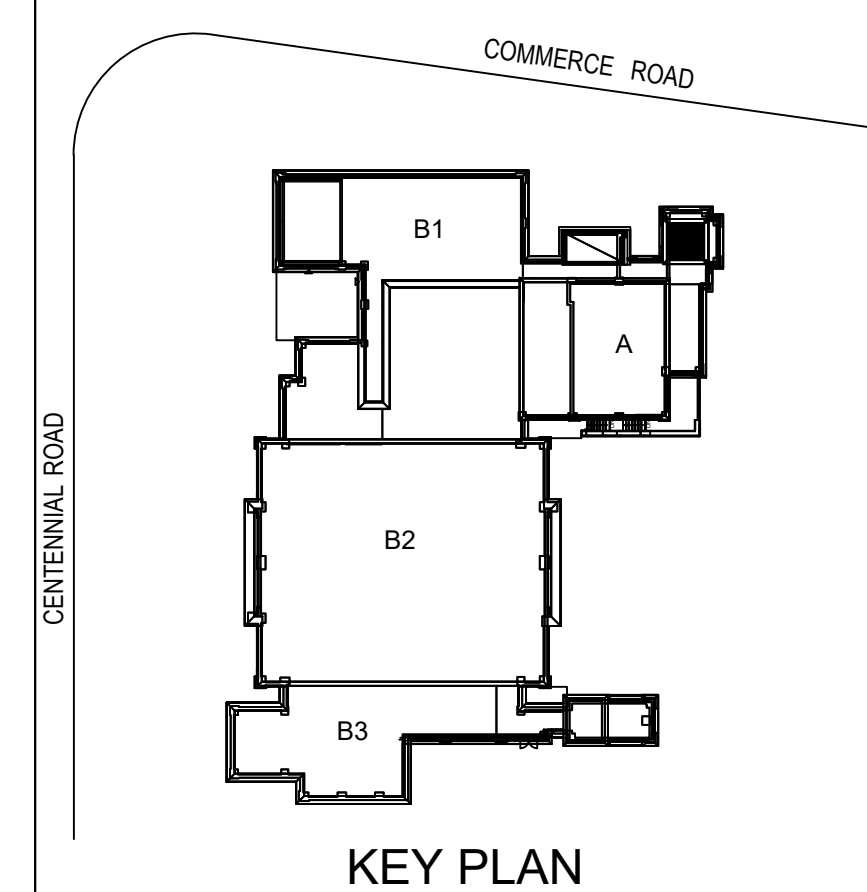
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Issued by  
MG  
2341A-23  
Plot Date  
2025-07-02



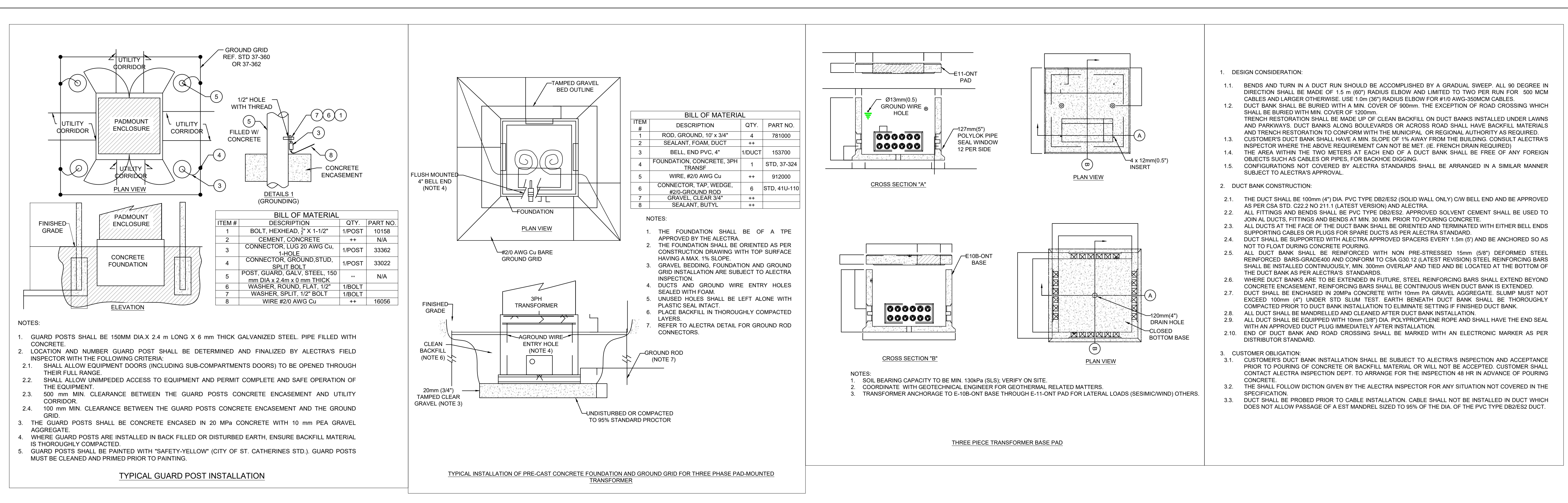
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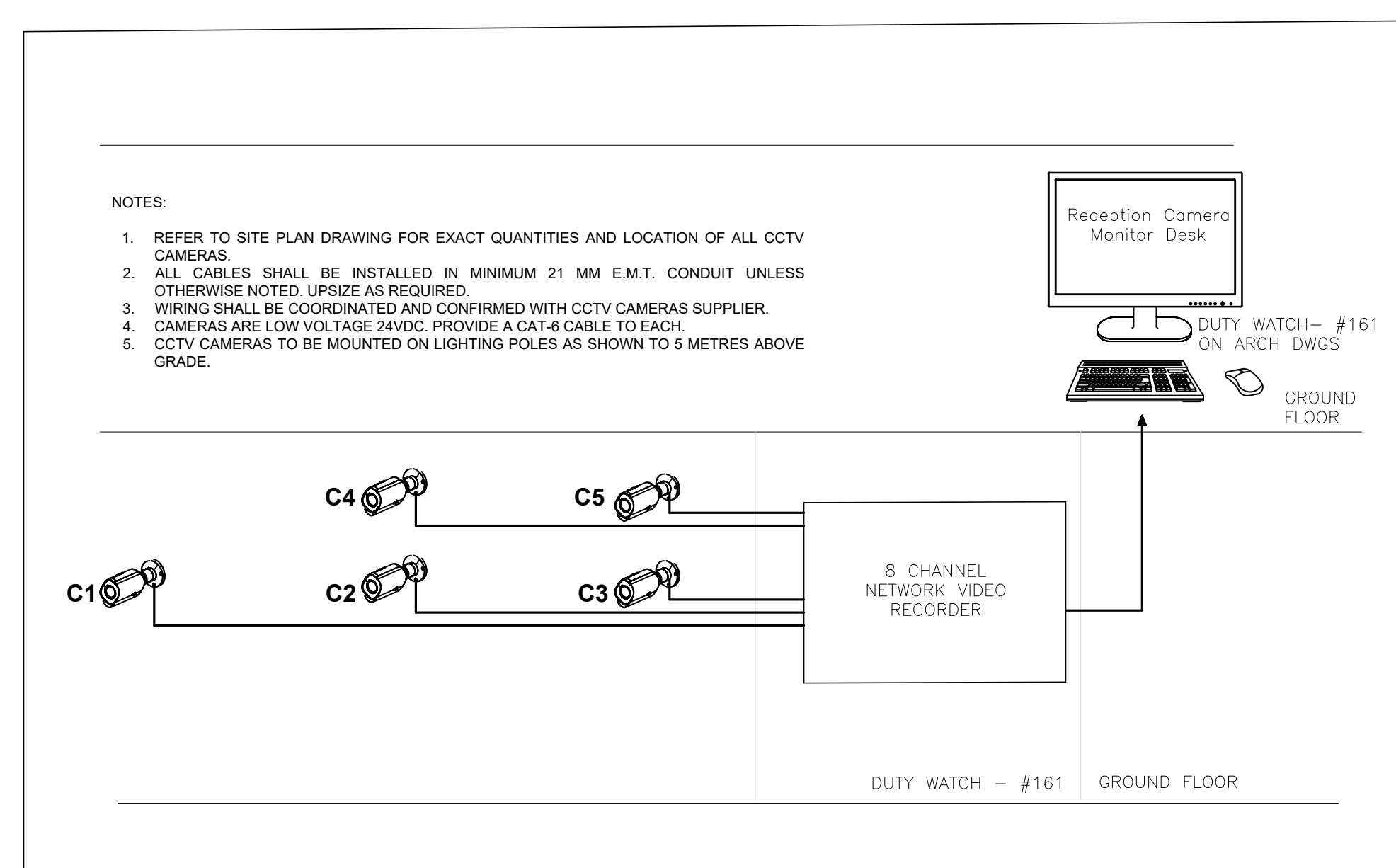
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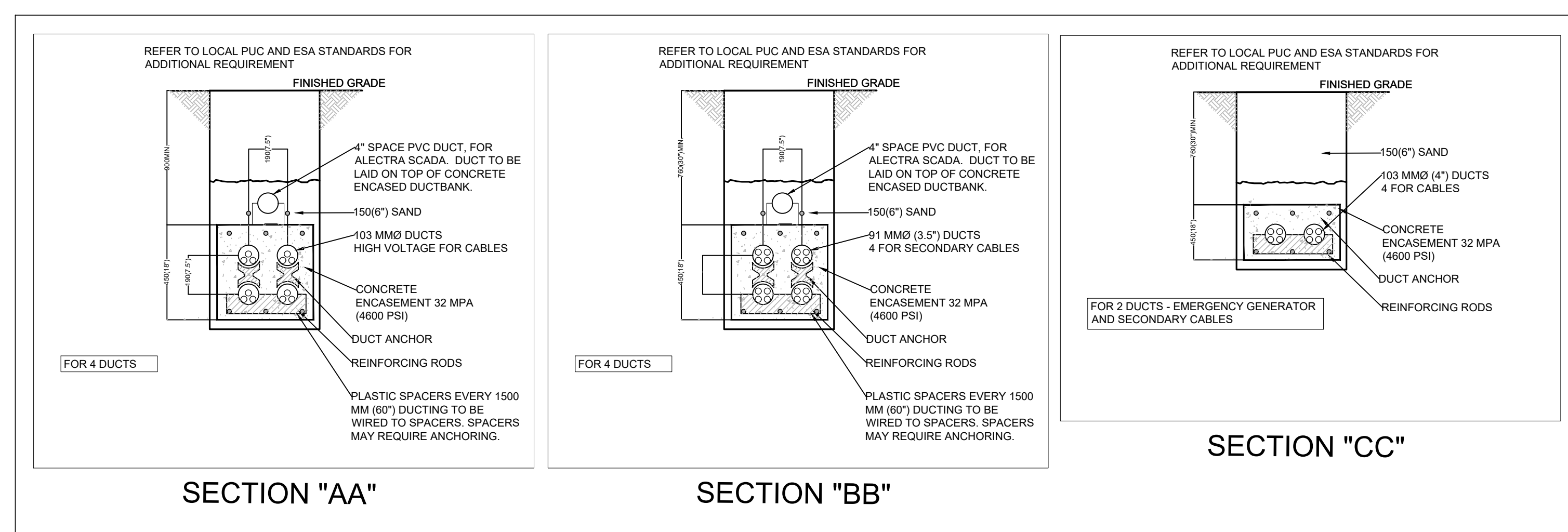
1 STREET CROSSING SERVICES LAYOUT (FOR INFORMATION ONLY)  
E004 RDAIF: NTR



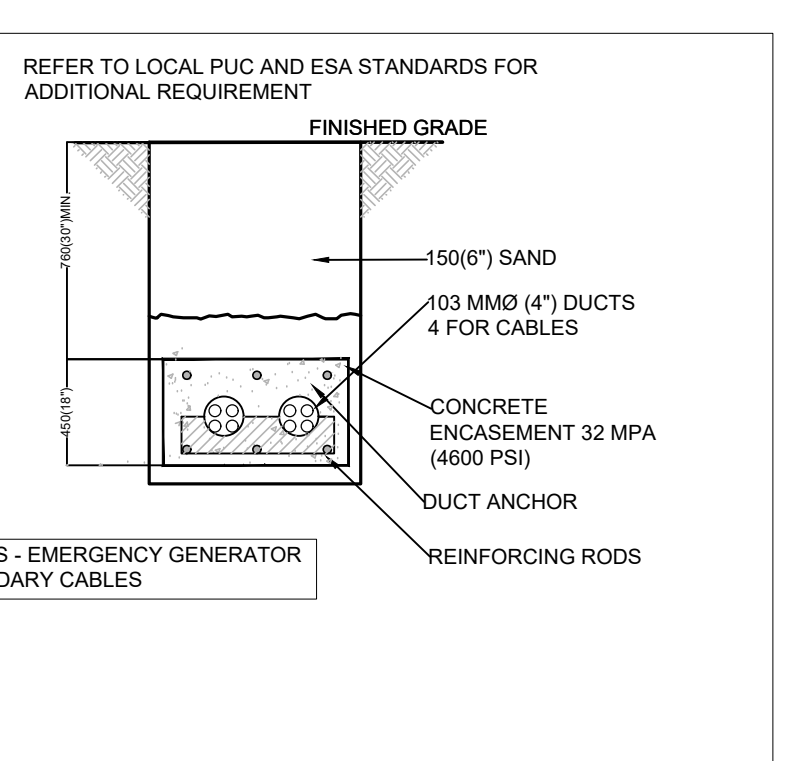
2 HYDRO PADMOUNT TRANSFORMER DETAILS  
E-004 SCALE: N.T.S.



3 CCTV CAMERA RISER DETAILS  
E-004



4 DUCTBANK DETAILS  
E-004 SCALE: NTS



SECTION "CC"

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Drawing Title

## ELECTRICAL DETAILS

Project

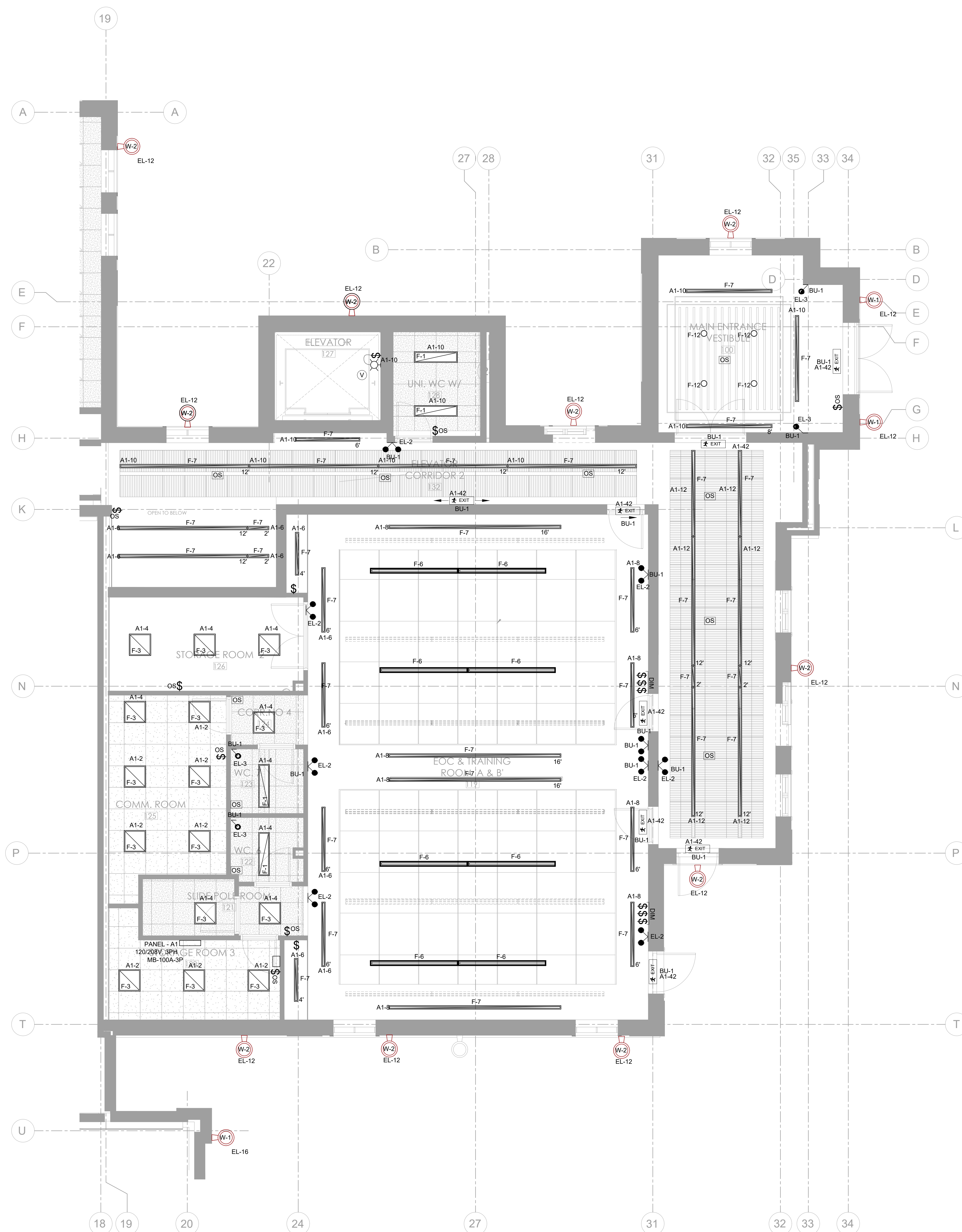
TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

N.T.S	Scale
MG	Issued by
2341A-23	File No.
2025-07-02	Plot Date



1. INDICATE LOCATION OF EXTERIOR WALL LIGHTS. REFER TO SITE PLAN FOR FURTHER INFO.  
2. WALL MOUNT FIXTURES AT 2700mm AFF AT EACH LANDING. UNLESS NOTED OTHERWISE (TO BE COORDINATED WITH ARCHITECTURE DRAWINGS).



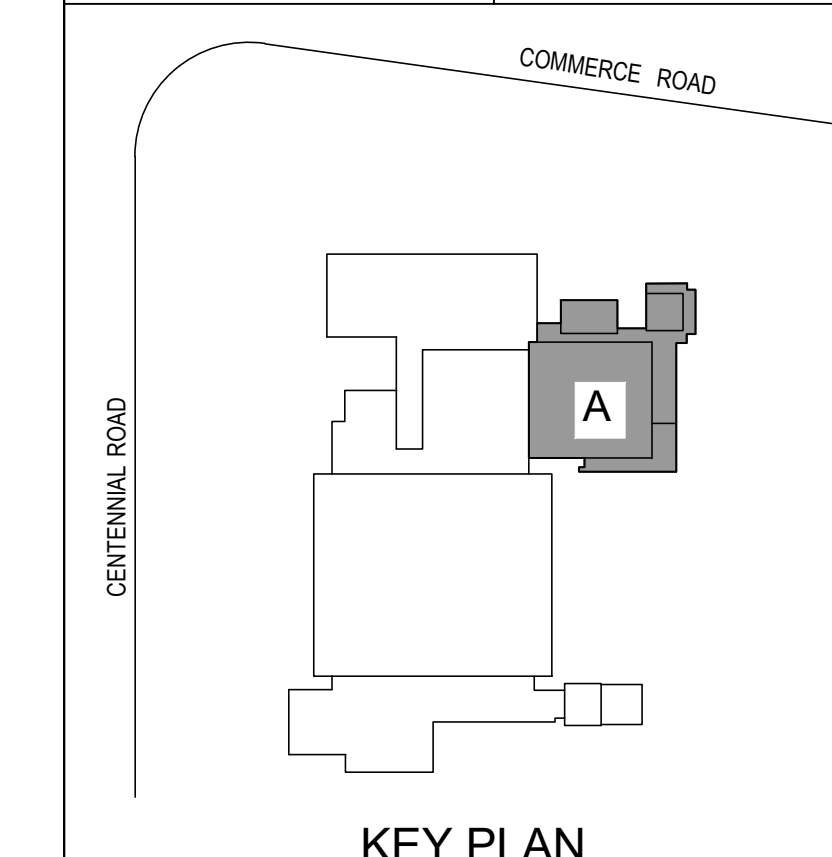
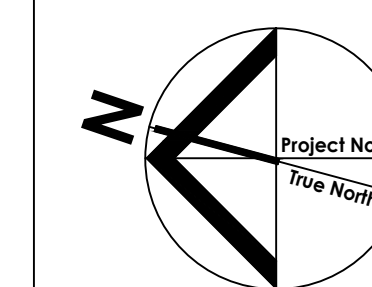
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Drawing Title

ENLARGEMENT BUILDING A LIGHTING

Project

**TOWN OF ORANGEVILLE  
FIRE STATION PROJECT**

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

AS NOTED	Scale
	Issued by
MG	File No.
2341A-23	Plot Date
2025-07-02	

E-100

REFER TO DRAWING E-101  
FOR CONTINUATION



This is a detailed architectural floor plan of a building, likely a school or institutional facility. The plan is oriented with a grid system (A-U, 3-28) and includes numerous room labels and symbols. Key areas include:

- Top Left:** A large rectangular area labeled "FITNESS ROOM" (137) with a grid of equipment.
- Top Center:** A "DAY ROOM" (14) and a "CLOSET" (142).
- Top Right:** An "ELEVATOR" (122) and a "MACHINE ROOM" (123).
- Center:** A large "DORM. A" (141) and "DORM. B" (142) area, along with "DORM. C" (143) and "DORM. D" (144). A "SHARED WASHROOMS & LOCKER ROOM" (145) is also present.
- Bottom Left:** A "CAPTAIN'S OFFICE" (151) and "CAPTAIN'S DORM." (152).
- Bottom Center:** A "TOOL & WORKSHOP ROOM" (162) and "MED/PEP STORAGE" (163).
- Bottom Right:** A "STORAGE ROOM" (164) and "MECHANICAL ROOM" (165).
- Corridors:** Several corridors are labeled, including "CORR. NO 4" (146), "CORR. NO 5" (147), "CORR. NO 13" (148), "CORR. NO 14" (149), "CORR. NO 15" (150), "CORR. NO 16" (151), "CORR. NO 17" (152), "CORR. NO 18" (153), "CORR. NO 19" (154), "CORR. NO 20" (155), "CORR. NO 21" (156), "CORR. NO 22" (157), "CORR. NO 23" (158), "CORR. NO 24" (159), "CORR. NO 25" (160), "CORR. NO 26" (161), "CORR. NO 27" (162), "CORR. NO 28" (163).
- Other Rooms:** "LAUNDRY" (140), "CAPTAIN'S DORM." (152), "TOOL & WORKSHOP ROOM" (162), "MED/PEP STORAGE" (163), "STORAGE ROOM" (164), "MECHANICAL ROOM" (165), "MACHINE ROOM" (123), "ELEVATOR" (122).
- Electrical Symbols:** Numerous symbols for electrical outlets, switches, and lighting are scattered throughout the plan.
- Door Types:** Various door types are indicated by different symbols and labels.
- Furniture:** Some rooms, like the "DORM" areas, show furniture arrangements.

REFER TO DRAWING E-102  
FOR CONTINUATION



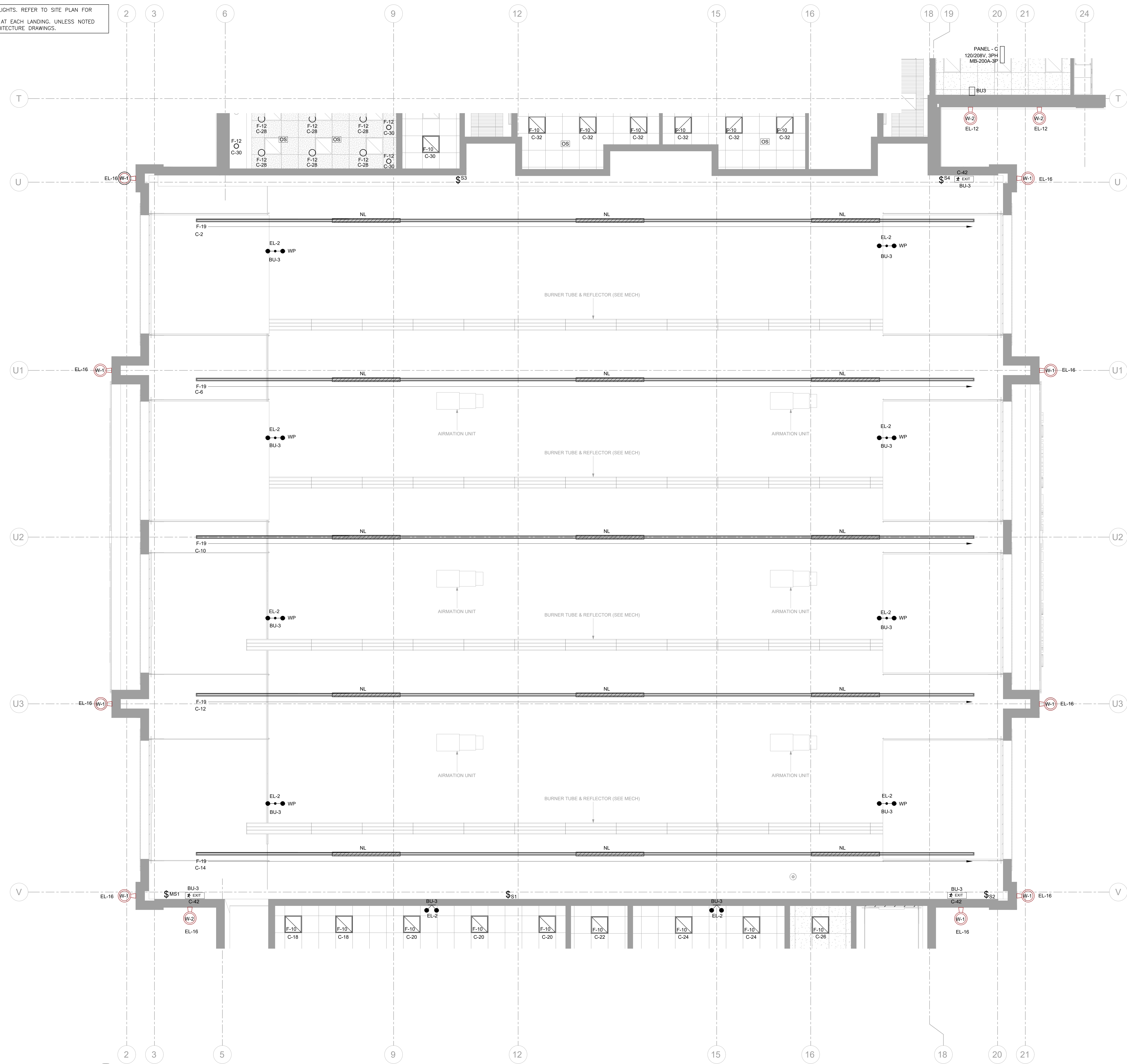
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Project

**TOWN OF ORANGEVILLE  
FIRE STATION PROJECT**

AS NOTED  
MG  
2341A-23  
2025-07-02





1 ENLARGEMENT BUILDING B2 LIGHTING  
E-102 SCALE: 1:50M

REFER TO DRAWING E-103  
FOR CONTINUATION

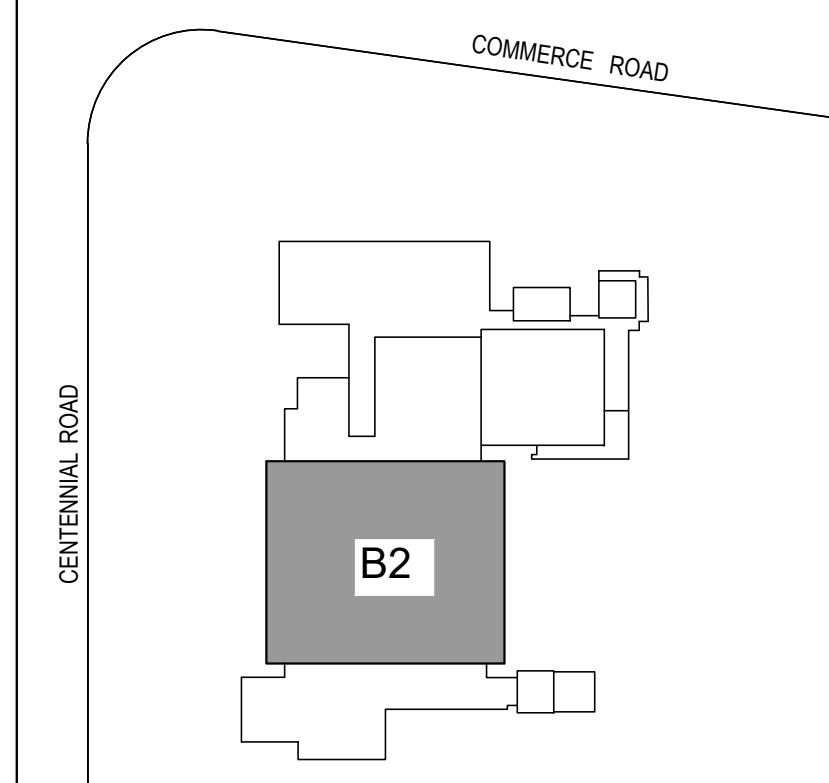
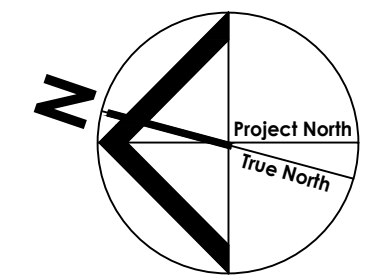
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Drawing Title

ENLARGEMENT BUILDING B2 LIGHTING

Project

TOWN OF ORANGEVILLE  
FIRE STATION PROJECT


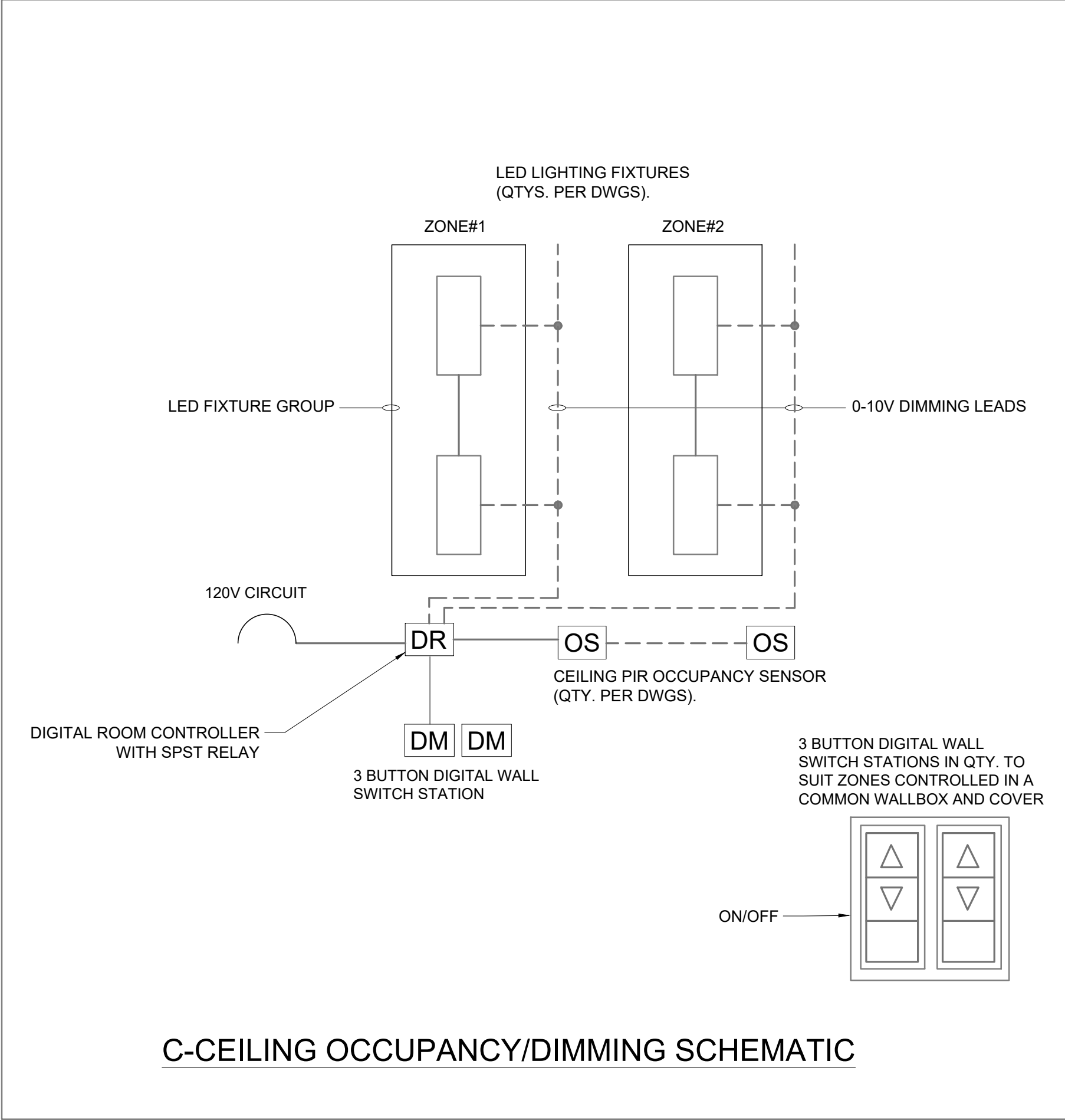
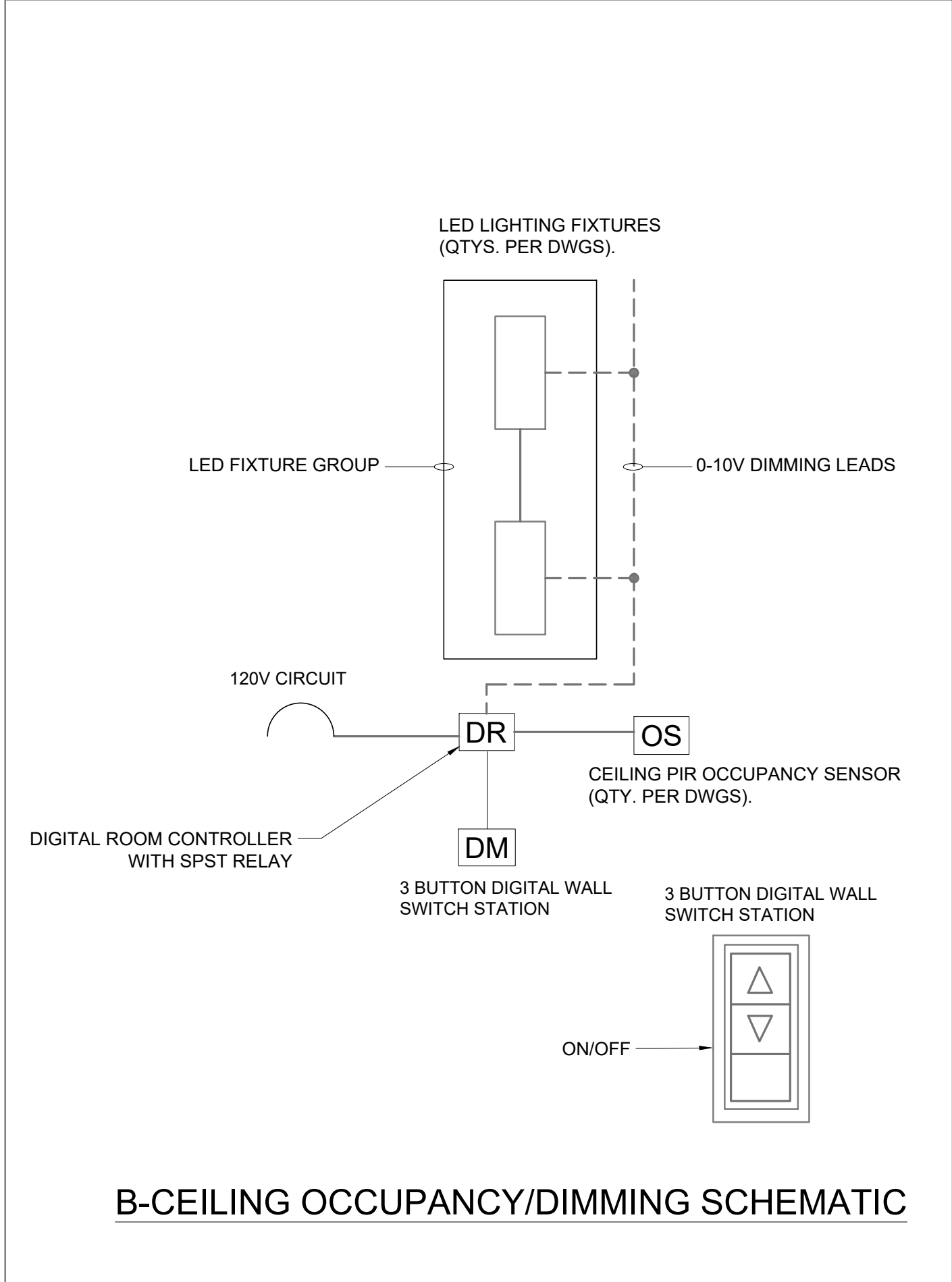
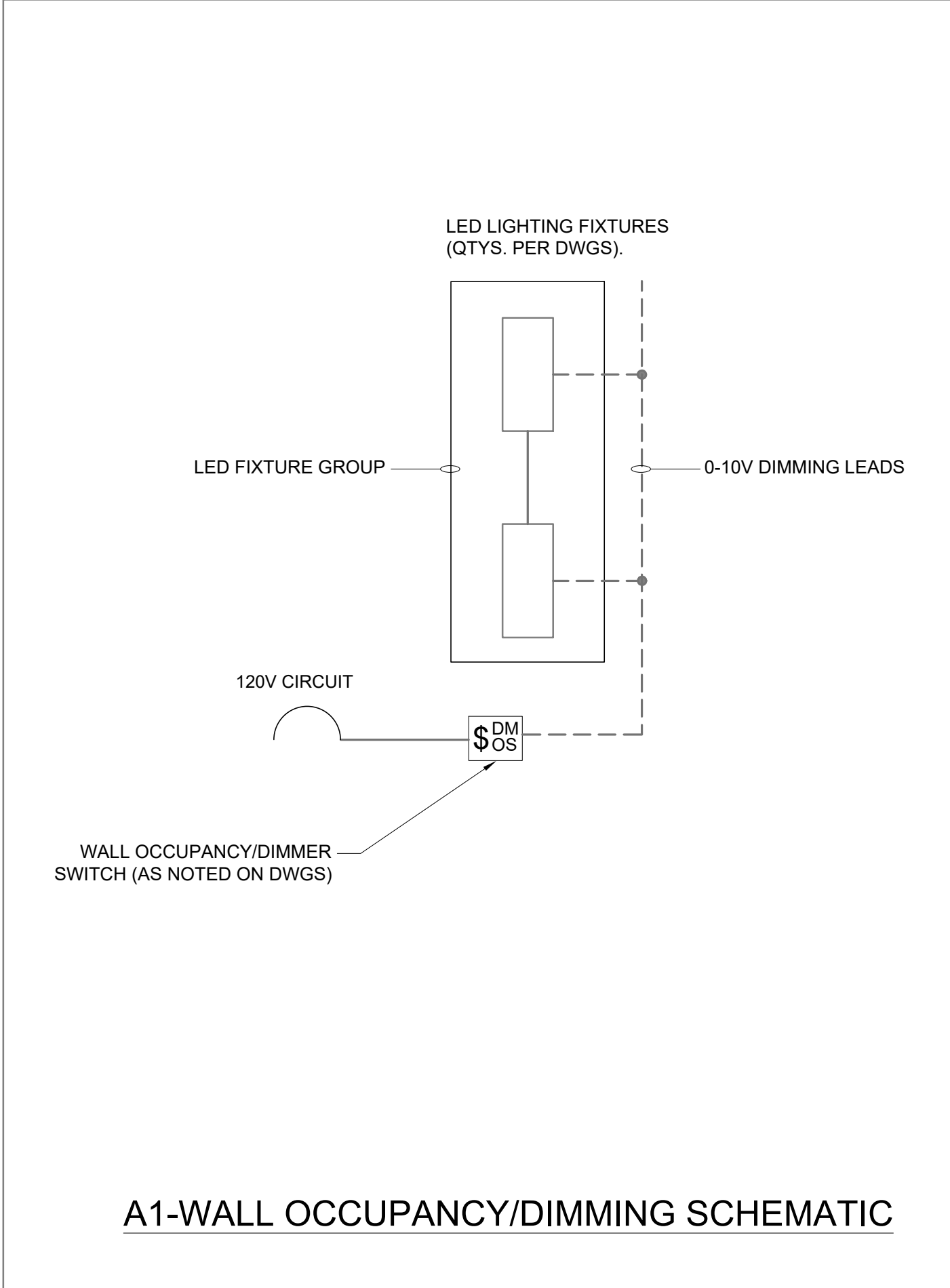
10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

AS NOTED	Scale
MG	Issued by
2341A-23	File No.
2025-07-02	Plot Date



REFER TO DRAWING E-102

1. INDICATE LOCATION OF EXTERIOR WALL LIGHTS. REFER TO SITE PLAN FOR FURTHER INFO.  
2. WALL MOUNT FIXTURES AT 2700mm AFF AT EACH LANDING. UNLESS NOTED OTHERWISE (TO BE COORDINATED WITH ARCHITECTURE DRAWINGS).



The image shows the professional seal of M. Greenhill, a Licensed Professional Engineer in the Province of Ontario. The seal is circular with the text "LICENSED PROFESSIONAL ENGINEER" at the top and "PROVINCE OF ONTARIO" at the bottom. In the center, it says "M. GREENHILL" and "July 4, 2005". To the right of the seal is a north arrow pointing towards the top-left, with the letter "N" at its tip. The arrow is labeled "project North" and "true North".

[illegible]

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Project

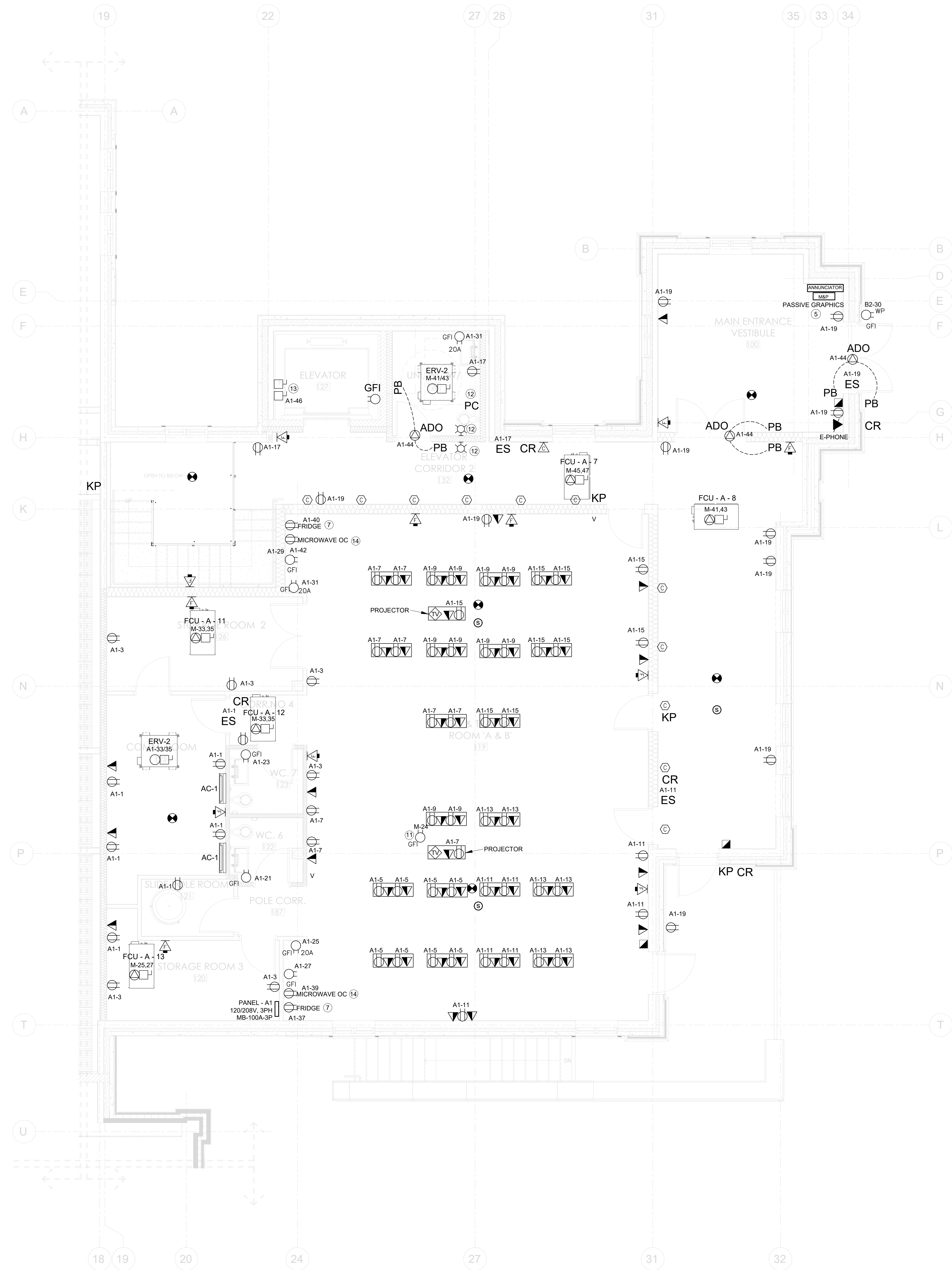
TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

AS NOTED	Scale
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2025-07-02	Plot Date







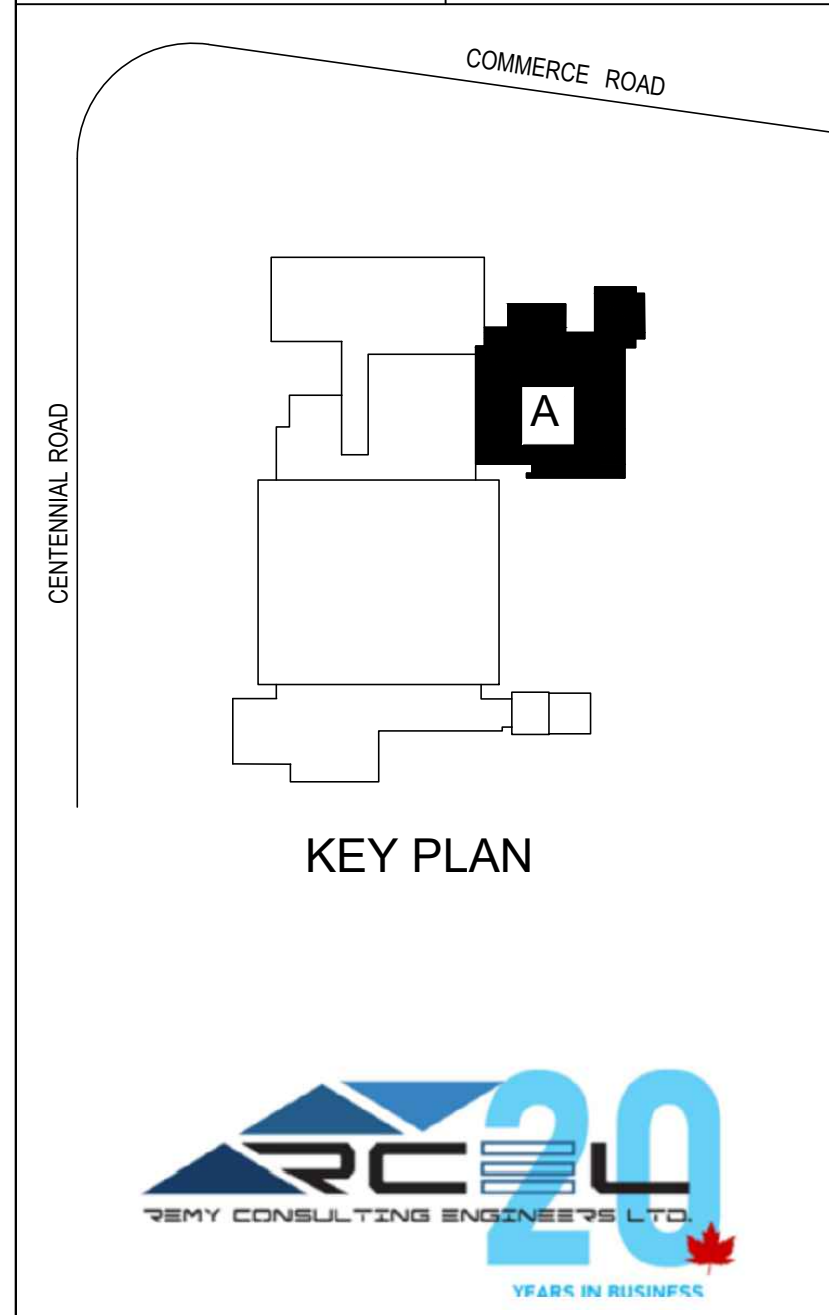
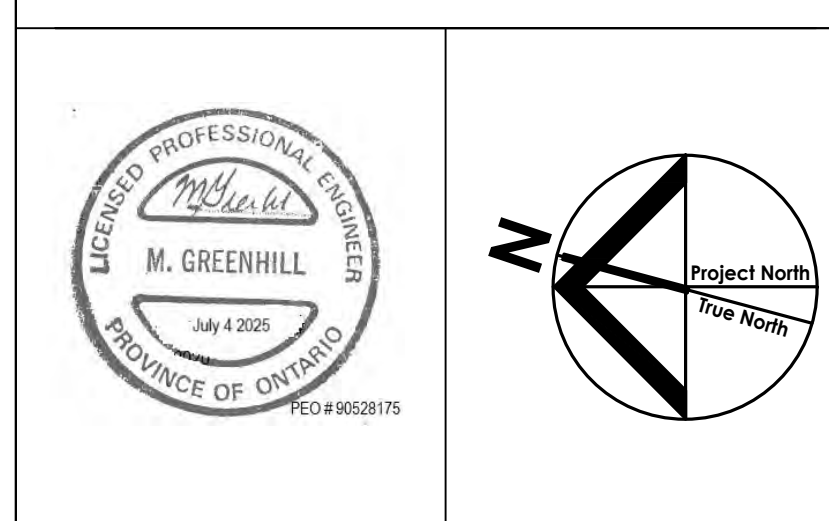


1 ENLARGEMENT BUILDING A POWER PLAN  
E-200 SCALE: 1:50M

- GENERAL NOTES:**
- 1 INDICATES OWNER'S TV. CONFORM EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER.
  - 2 INDICATES CEILING MOUNTED DEVICES FOR OWNER'S PROJECTOR. CONFIRM EXACT REQUIREMENTS AND LOCATION WITH THE OWNER.
  - 3 INDICATES 120V. CONNECTION TO OVERHEAD DOOR OPERATOR.
  - 4 INDICATES 3 COLOUR TRAFFIC SIGNAL. CONFIRM OPERATION WITH THE OWNER.
  - 5 FIRE ALARM ANNUNCIATOR AND PASSIVE GRAPHIC.
  - 6 INDICATES RECEPTACLE FOR MICROWAVE. CONFORM EXACT MOUNTING HEIGHT/LOCATION WITH THE OWNER.
  - 7 INDICATES UNDERCOUNTER RECEPTACLE FOR FRIDGE AND/OR DISHWASHER. CONFORM EXACT MOUNTING HEIGHT WITH THE OWNER.
  - 8 INDICATES EMERGENCY STOP E-BUTTON TO DE-ENERGIZE ALL COOKING EQUIPMENT.
  - 9 INDICATES CORD REEL. CONFIRM EXACT LOCATION WITH THE OWNER.
  - 10 INDICATES DEVICE ROUGH-IN FOR SECURITY SYSTEM ACCESS CONTROL IN LOCATIONS SHOWN. PROVIDE BACKBOXES C/W 13mmC. (1/2") TO SECURE SIDE OF THE DOORWAY IN JUNCTION BOX AT HIGH LEVEL.
  - 11 PROVIDE A T-SLOT GROUND FAULT RECEPTACLE C/W "HEAVY DUTY IN-USE" WEATHERPROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE. MOUNT TO 910mm (36") AFF.
  - 12 PROVIDE A LOW VOLTAGE STROBE EDWARDS OR EQUAL MOUNTED TO 1500mm AFF CAT. #04SEW-A OR APPROVED EQUAL. PROVIDE A "RED" LOW VOLTAGE MUSHROOM EXY PUSHBUTTON EDWARDS OR EQUAL.
  - 13 30A, 208V 3PH. UNF. DISC. SW. FOR ELEVATOR CONTROLLER AND 30A, 120V, 1 PH. UNF. DISC. FOR CABLIGHTS. COORDINATE EXACT LOCATIONS WITH ELEVATOR SUPPLIER.
  - 14 MICROWAVE OVEN. CONFIRM EXACT LOCATION AND MOUNTING HEIGHT ON SITE.

ELECTRICAL LEGEND	
KP	PUNCH PAD ACCESS
(S)	VOLUME CONTROL & SPEAKER
CR	SWIPE CARD ACCESS

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Drawing Title  
ENLARGEMENT BUILDING A POWER PLAN

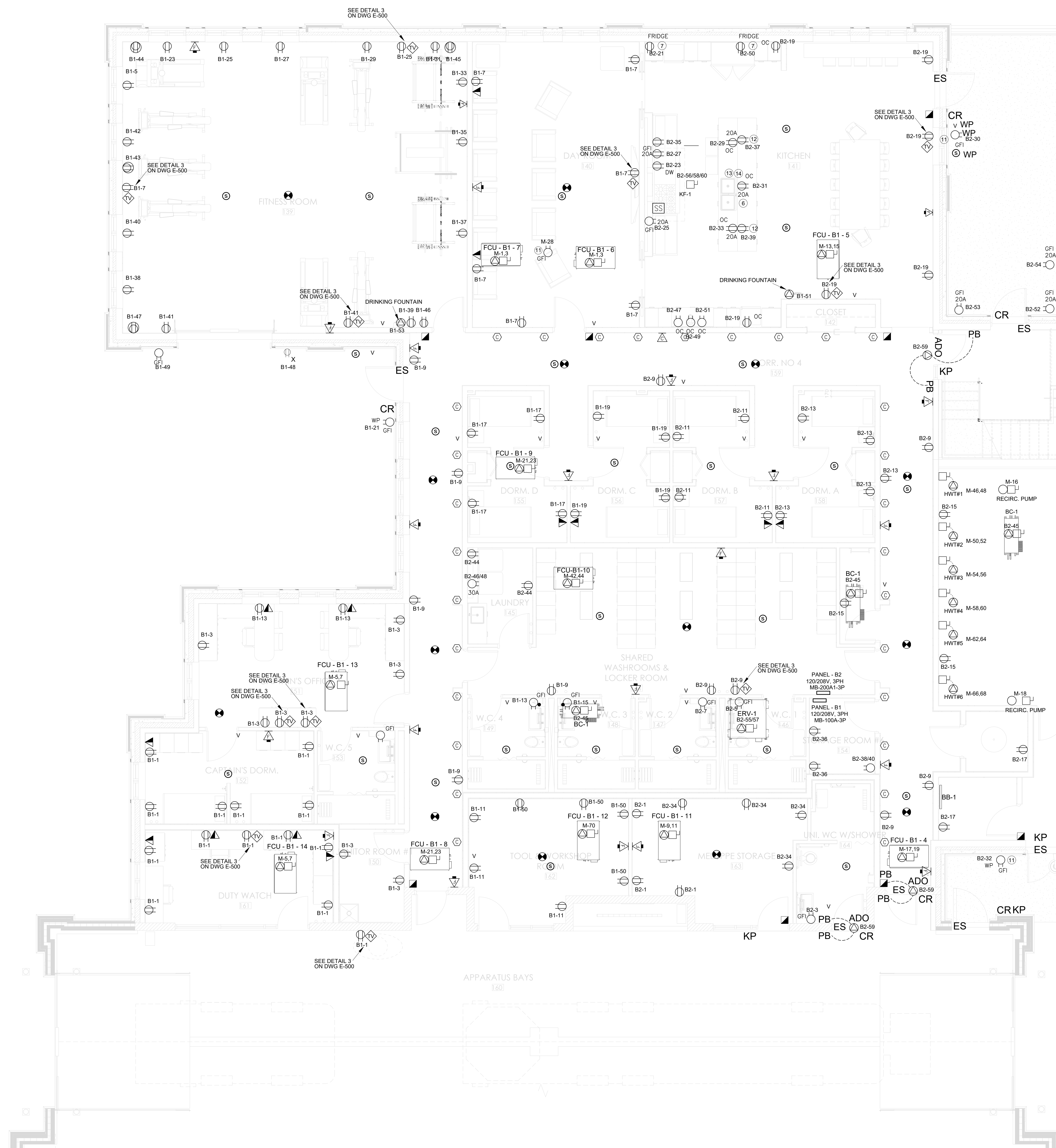
Project  
TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

1:50 Scale  
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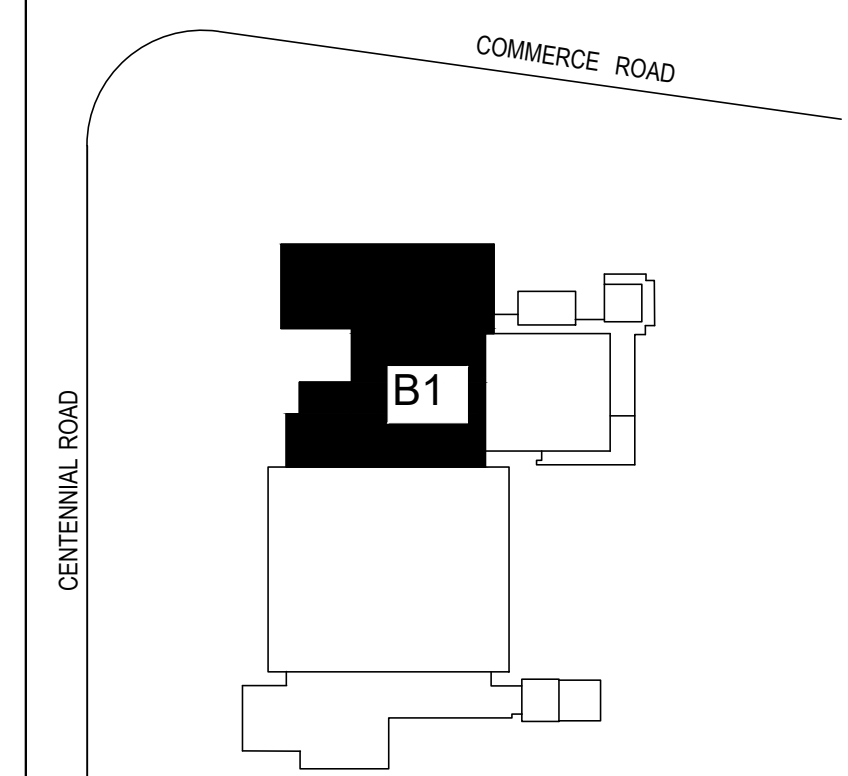
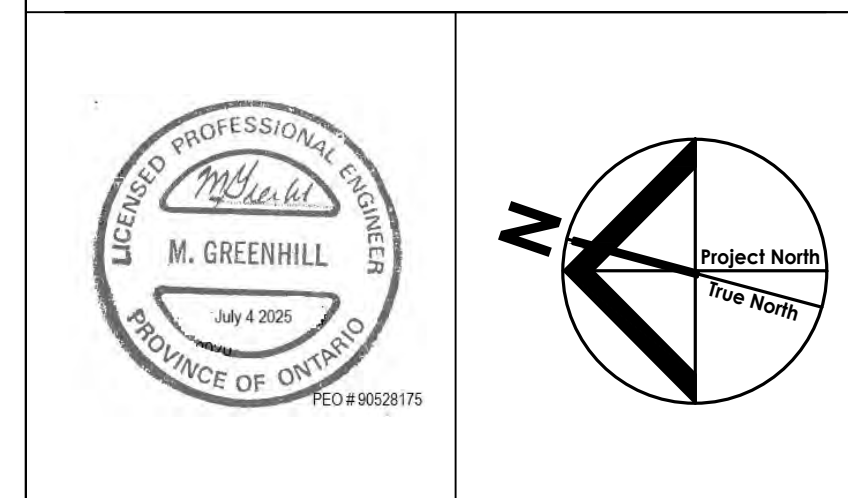


1  
E-201  
ENLARGEMENT BUILDING B1 POWER PLAN  
SCALE: 1:50M

- GENERAL NOTES:**
- 1 INDICATES OWNER'S TV. CONFORM EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER.
  - 2 INDICATES CEILING MOUNTED DEVICES FOR OWNER'S PROJECTOR. CONFORM EXACT REQUIREMENTS AND LOCATION WITH THE OWNER.
  - 3 INDICATES 120V. CONNECTION TO OVERHEAD DOOR OPERATOR.
  - 4 INDICATES 3 COLOUR TRAFFIC SIGNAL. CONFORM OPERATION WITH THE OWNER.
  - 5 FIRE ALARM ANNUNCIATOR AND PASSIVE GRAPHIK.
  - 6 INDICATES RECEPTACLE FOR MICROWAVE. CONFORM EXACT MOUNTING HEIGHT/LOCATION WITH THE OWNER.
  - 7 INDICATES UNDERCOUNTER FRIDGE. CONFORM EXACT MOUNTING HEIGHT WITH THE OWNER.
  - 8 INDICATES EMERGENCY STOP E-BUTTON TO DE-ENERGIZE ALL COOKING EQUIPMENT.
  - 9 INDICATES CORD REEL. CONFORM EXACT LOCATION WITH THE OWNER.
  - 10 INDICATES DEVICE ROUGH-IN FOR SECURITY SYSTEM ACCESS. CONTROL IN LOCATIONS SHOWN. PROVIDE BACKBOXES C/W 13mmC. (1/2") TO SECURE SIDE OF THE DOORWAY IN JUNCTION BOX AT HIGH LEVEL.
  - 11 PROVIDE A T-SLOT GROUND FAULT RECEPTACLE C/W "HEAVY DUTY IN USE" WEATHERPROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE. MOUNT ON MUA UNIT.
  - 12 MICROWAVE OVEN. CONFORM EXACT LOCATION AND MOUNTING HEIGHT ON SITE.
  - 13 NFPA-96 FIRE SUPPRESSION CANISTER TO BE WIRED TO FIRE ALARM SYSTEM AS AN "ALARM" ZONE.
  - 14 INTERLOCK NFPA-96 FIRE SUPPRESSION MAKE-UP AIR UNIT (MUA) WITH 28FA AVG. -122C. WITH HOOD EXH. FAN AND HOOD. SEE SCHEMATIC WIRING DIAGRAM ON DWG. E-500.
  - 15 MOUNT IN A STRAIGHT SECTION OF SUPPLY DUCT TO CONFORM TO CANULC S524.

ELECTRICAL LEGEND	
KP	PUNCH PAD ACCESS
S	VOLUME CONTROL & SPEAKER
CR	SWIPE CARD ACCESS

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Drawing Title  
ENLARGEMENT BUILDING B1 POWER PLAN

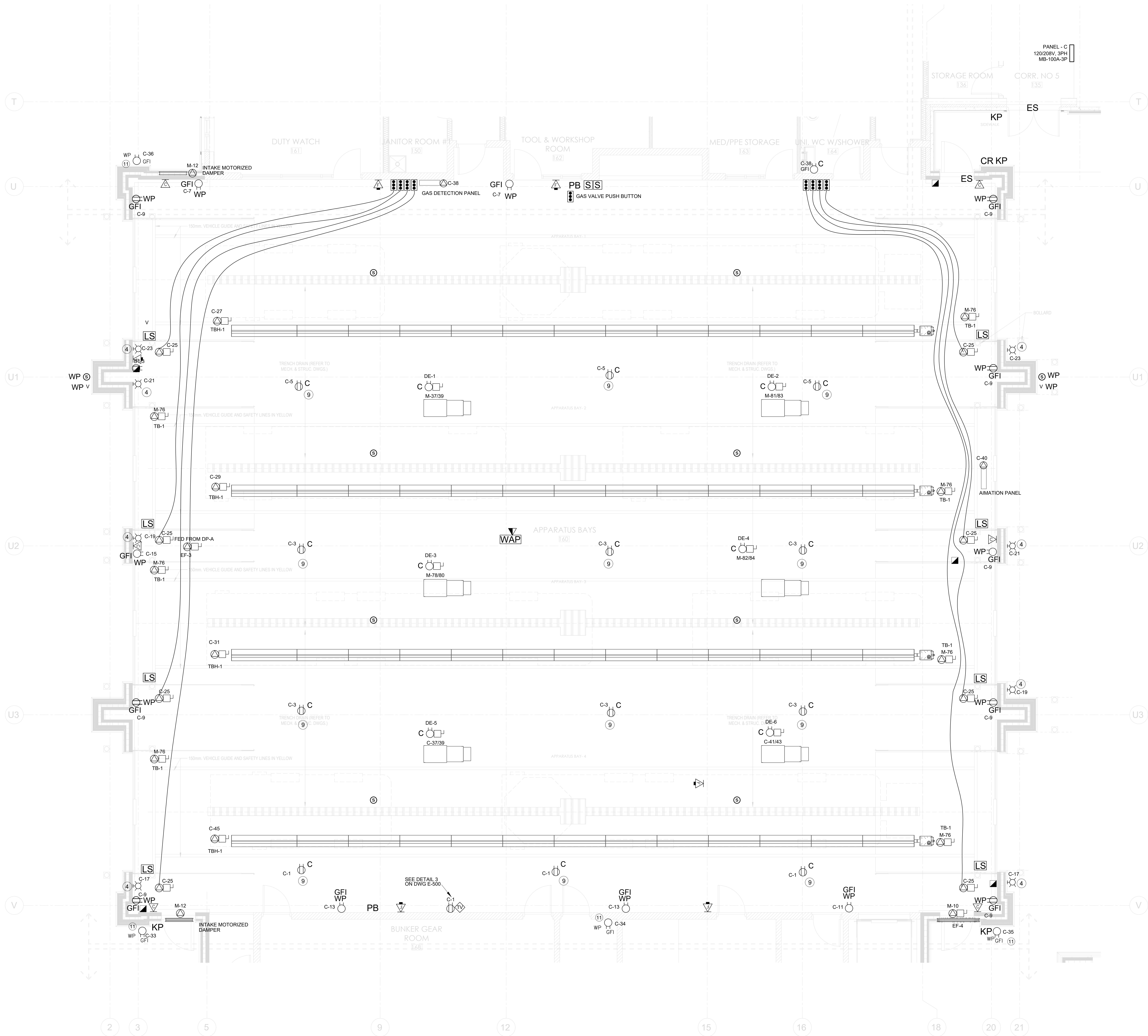
Project  
TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

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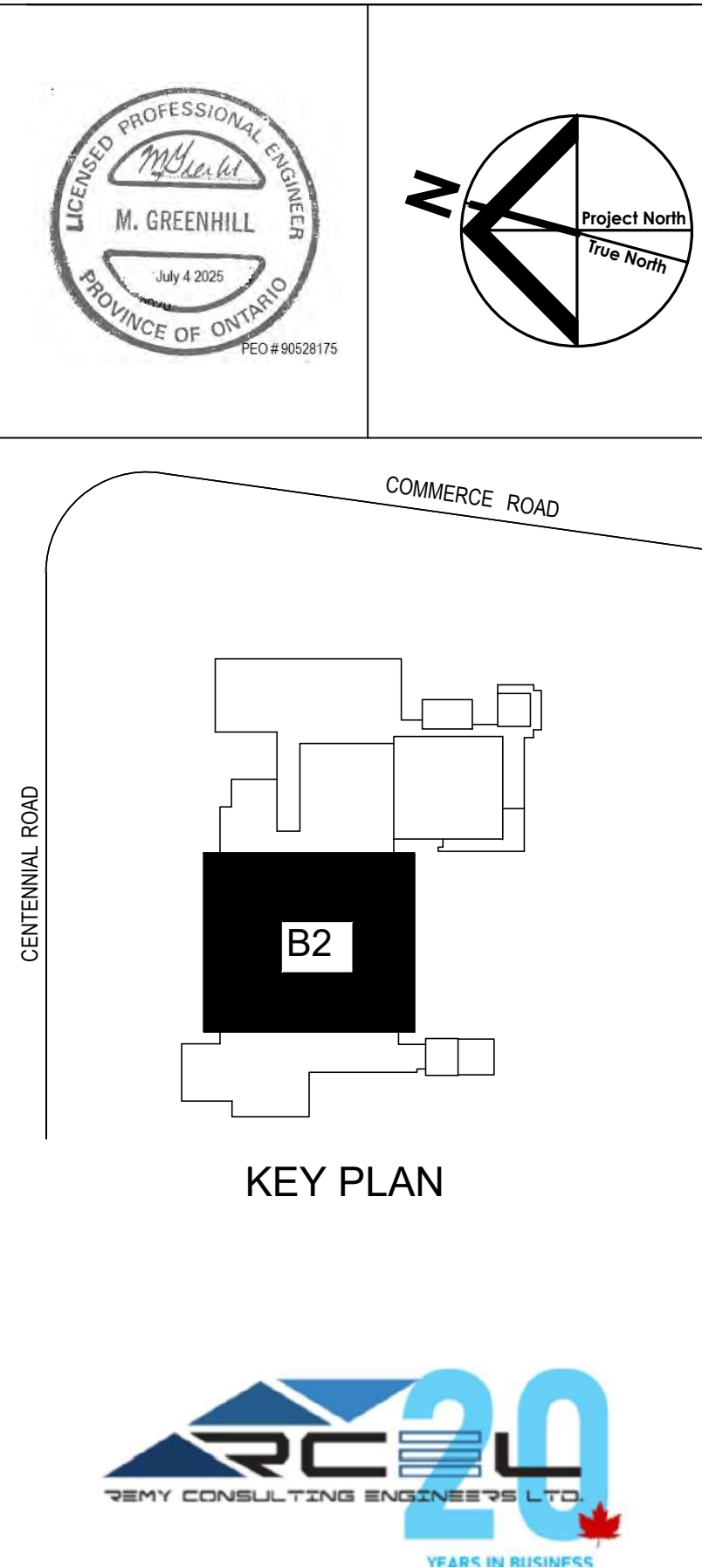




- GENERAL NOTES:**
- 1) INDICATES OWNER'S TV. CONFORM EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER.
  - 2) INDICATES CEILING MOUNTED DEVICES FOR OWNER'S PROJECTOR. CONFORM EXACT REQUIREMENTS AND LOCATION WITH THE OWNER.
  - 3) INDICATES 120V. CONNECTION TO BI-FOLD DOOR OPERATOR.
  - 4) INDICATES 3 COLOUR TRAFFIC SIGNAL. CONFORM OPERATION WITH THE OWNER.
  - 5) FIRE ALARM ANNUNCIATOR AND PASSIVE GRAPHIK.
  - 6) INDICATES RECEPTACLE FOR MICROWAVE. CONFORM EXACT MOUNTING HEIGHT/LOCATION WITH THE OWNER.
  - 7) INDICATES UNDERCOUNTER FRIDGE. CONFORM EXACT MOUNTING HEIGHT WITH THE OWNER.
  - 8) INDICATES EMERGENCY STOP E-BUTTON TO DE-ENERGIZE ALL COOKING EQUIPMENT.
  - 9) INDICATES CORD REEL. CONFORM EXACT LOCATION WITH THE OWNER.
  - 10) INDICATES DEVICE ROUGH-IN FOR SECURITY SYSTEM ACCESS. CONTROL IN LOCATIONS SHOWN. PROVIDE BACKBOXES C/W 13mmC. (1/2") TO SECURE SIDE OF THE DOORWAY IN JUNCTION BOX AT HIGH LEVEL.
  - 11) PROVIDE A T-SLOT GROUND FAULT RECEPTACLE C/W "HEAVY DUTY IN-USE" WEATHERPROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE. MOUNT TO 910mm (36") AFF.

ELECTRICAL LEGEND	
KP	PUNCH PAD ACCESS
S	VOLUME CONTROL & SPEAKER
CR	SWIPE CARD ACCESS

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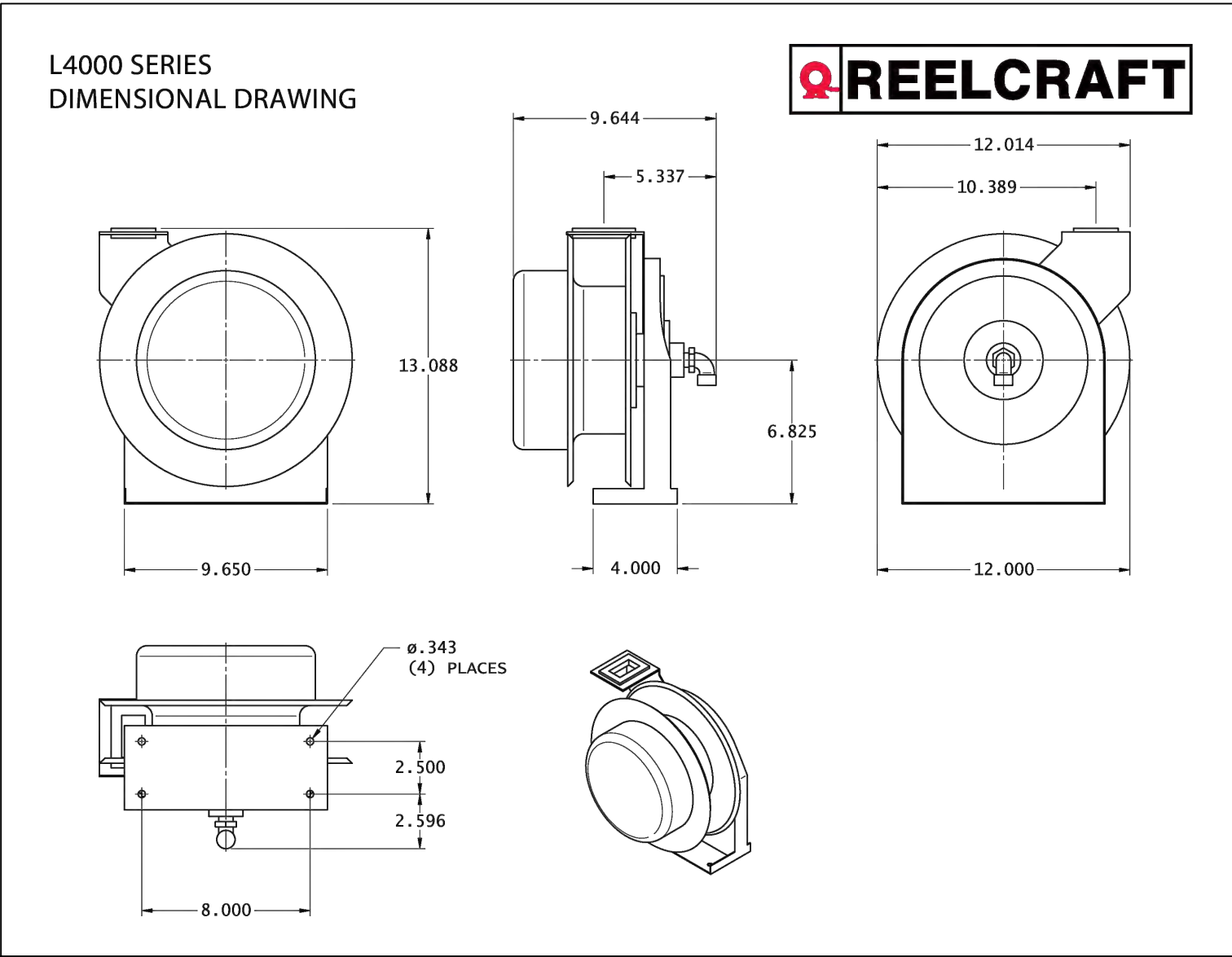
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ENLAREMENT BUILDING B2 POWER PLAN  
Project  
TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
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MG  
2341A-23  
Plot Date  
2025-07-02



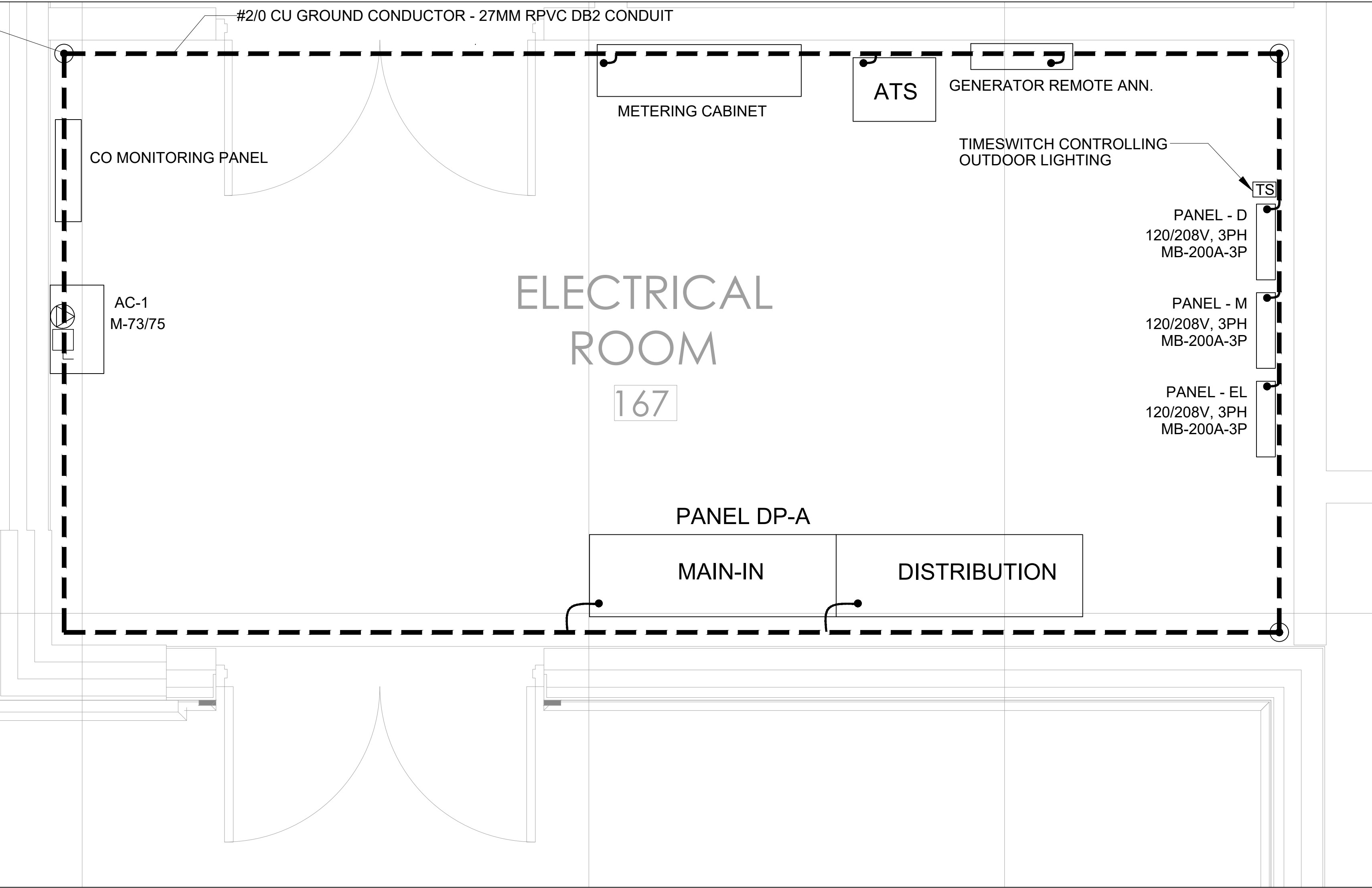
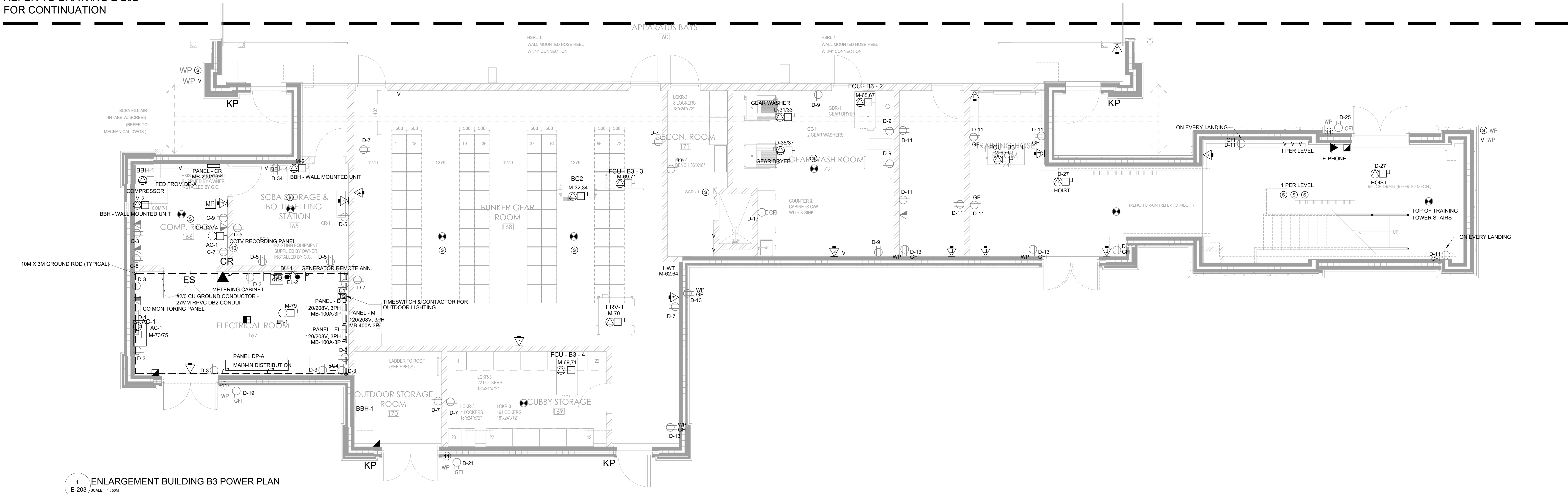
2 CORD REEL DETAIL - APPARATUS BAY  
E-202 (SCALE: N.T.S.)  
(PROVIDE A SHOP DRAWING FOR CORD REELS)

REFER TO DRAWING E-201  
FOR CONTINUATION

1 ENLARGEMENT BUILDING B2 POWER PLAN  
E-202 (SCALE: 1:50M)



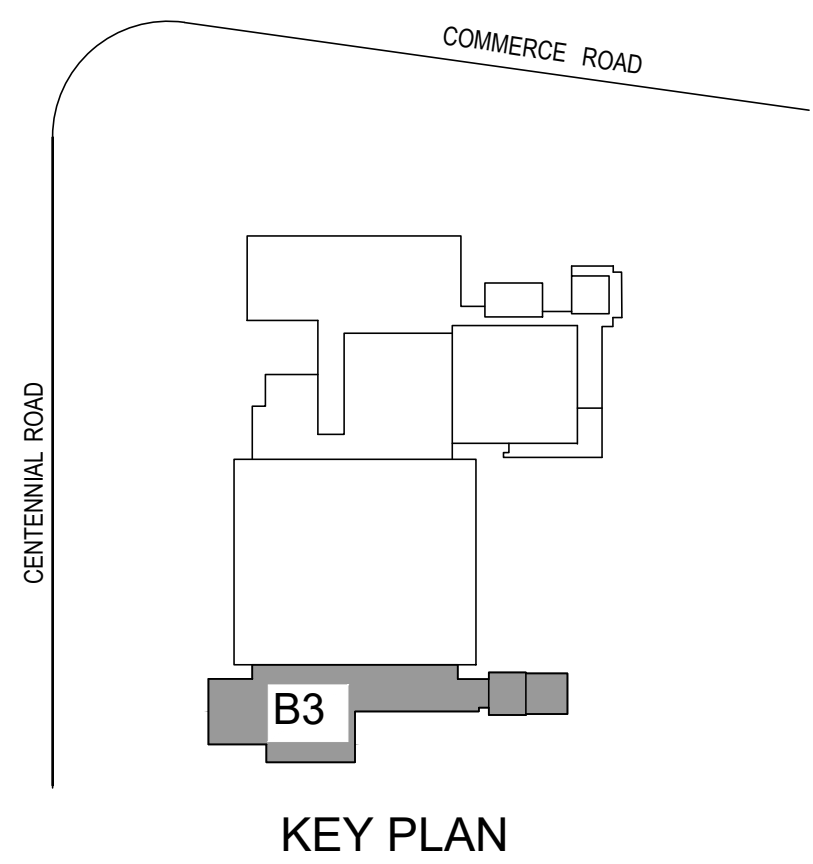
REFER TO DRAWING E-202  
FOR CONTINUATION



ENLARGEMENT MAIN ELECTRICAL ROOM  
SCALE: 1:30M

- GENERAL NOTES:**
- INDICATES OWNER'S TV. CONFORM EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER.
  - INDICATES CEILING MOUNTED DEVICES FOR OWNER'S PROJECTOR. CONFIRM EXACT REQUIREMENTS AND LOCATION WITH THE OWNER.
  - INDICATES 120V. CONNECTION TO OVERHEAD DOOR OPERATOR.
  - INDICATES 3 COLOUR TRAFFIC SIGNAL. CONFIRM OPERATION WITH THE OWNER.
  - FIRE ALARM ANNUNCIATOR AND PASSIVE GRAPHIK.
  - INDICATES RECEPTACLE FOR MICROWAVE. CONFORM EXACT MOUNTING HEIGHT/LOCATION WITH THE OWNER.
  - INDICATES UNDERCOUNTER FRIDGE. CONFIRM EXACT MOUNTING HEIGHT WITH THE OWNER.
  - INDICATES EMERGENCY STOP E-BUTTON TO DE-ENERGIZE ALL COOKING EQUIPMENT.
  - INDICATES CORD REEL. CONFIRM EXACT LOCATION WITH THE OWNER.
  - INDICATES DEVICE ROUGH-IN FOR SECURITY SYSTEM ACCESS CONTROL IN LOCATIONS SHOWN. PROVIDE BACKBOXES C/W 13mm. (1/2") TO SECURE SIDE OF THE DOORWAY IN JUNCTION BOX AT HIGH LEVEL.
  - PROVIDE A T-SLOT GROUND FAULT RECEPTACLE C/W "HEAVY DUTY IN-USE" WEATHERPROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE. MOUNT TO 910mm (36") AFF.
  - COORDINATE ALL SPEAKER AND VOLUME CONTROL SWITCHES WITH TOWN AND ENGINEER.

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Woodbridge, ON L4L 9R4  
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info@alaimoarchitecture.com

Drawing Title

ENLARGEMENT BUILDING B3 POWER PLAN

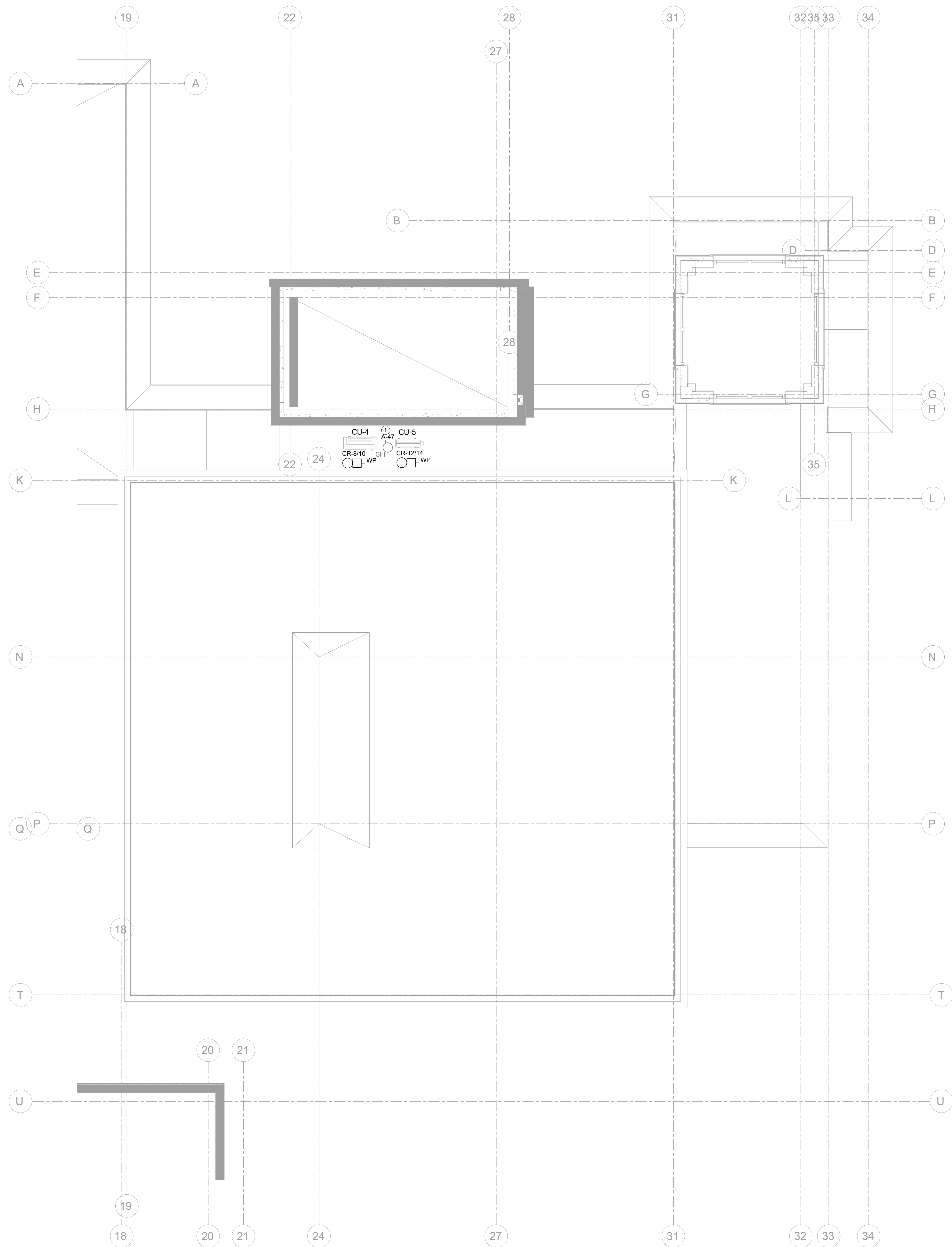
Project

TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

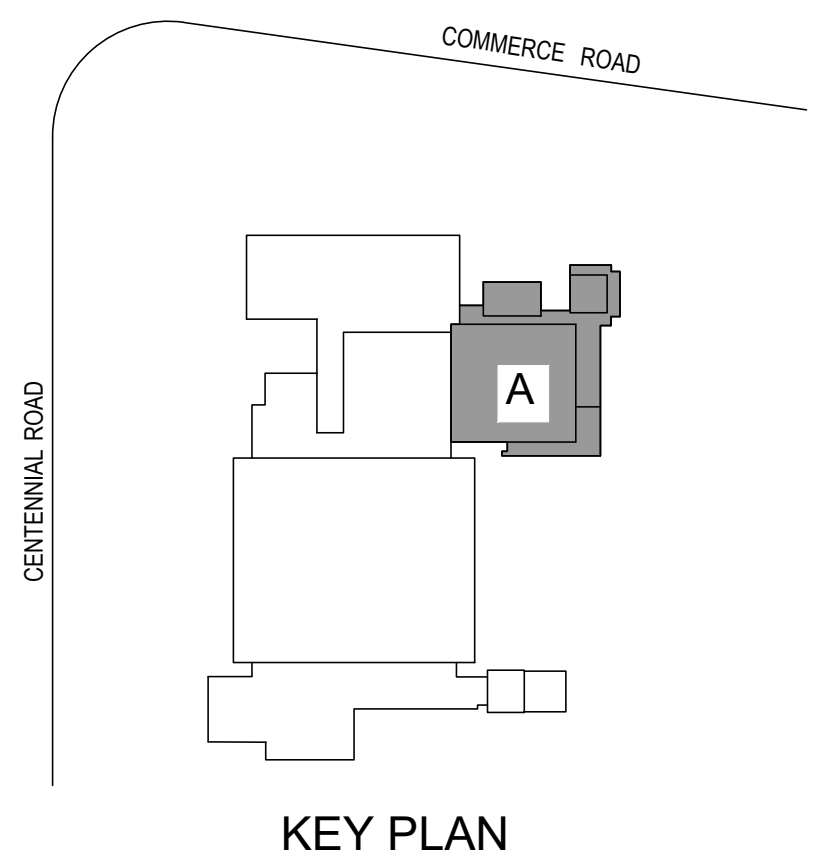
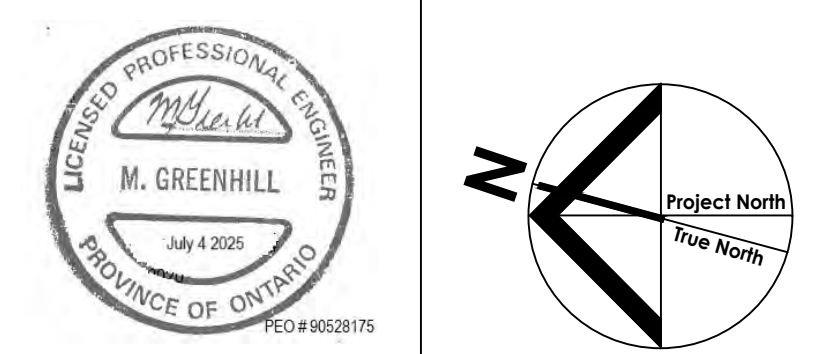
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MG  
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Plot Date  
2025-07-02





**GENERAL NOTES:**  
① PROVIDE A T-SLOT GROUND FAULT RECEPTACLE CW "HEAVY DUTY IN-USE" WEATHERPROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE. MOUNT TO 910mm (36") AFF.

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Drawing Title

ENLARGEMENT BUILDING A POWER ROOF PLAN

Project

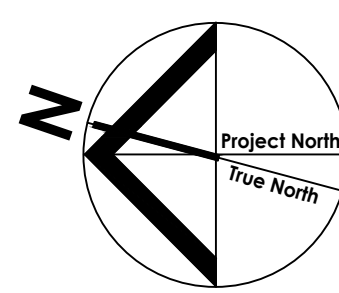
TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

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2025-07-02 Plot Date



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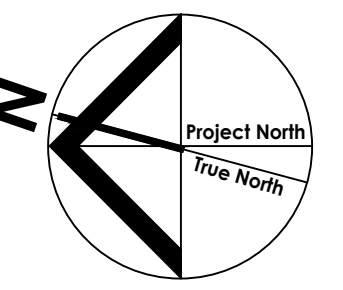
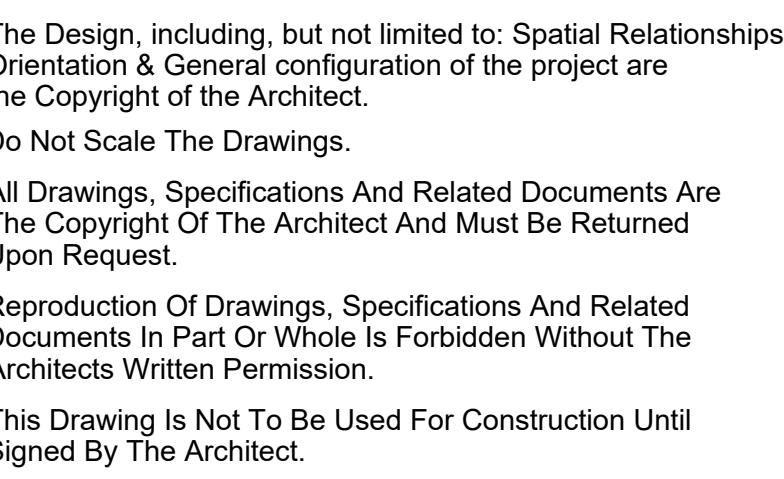
ENLARGEMENT BUILDING B1 POWER ROOF PLAN

TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

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2341A-23	File No.
2025-07-02	Plot Date



① PROVIDE A T-SLOT GROUND FAULT RECEPTACLE C/W "HEAVY DUTY IN-USE" WEATHERPROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE. MOUNT TO 910mm (36") AFF.



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ENLARGEMENT BUILDING B3 POWER ROOF PLAN

OWN OF ORANGEVILLE  
RE STATION PROJECT

1:50	Scale
MG	Issued by
2341A-23	File No.
2025-07-02	Plot Date





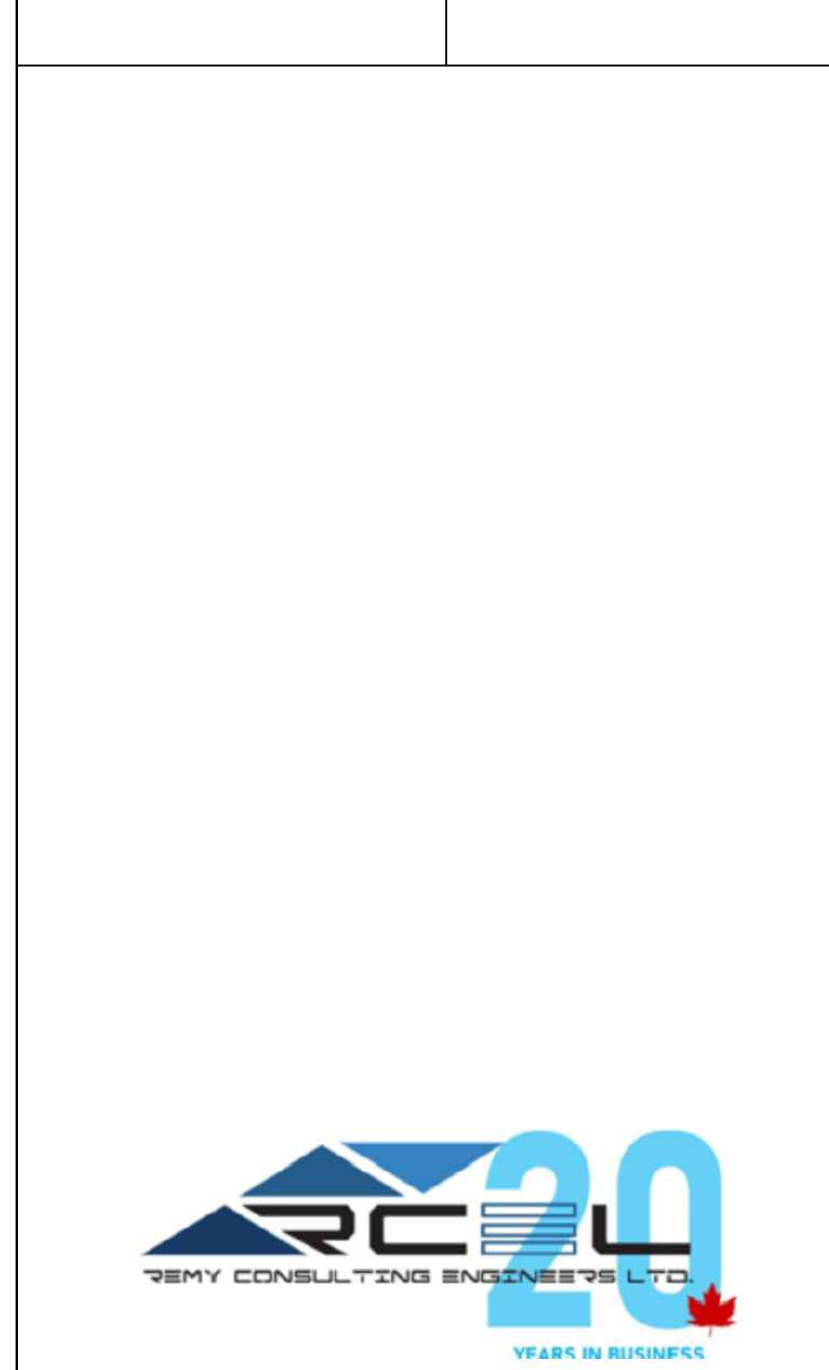


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1 PANELS SCHEDULES  
E-401 SCALE: N.T.S.

Professional Engineer Seal for M. Greenhill, License No. 10658175, Province of Ontario, expires July 4, 2025.



202-8551 Weston Road  
Woodbridge, ON L4L 9R4  
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PANEL SCHEDULES

TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

N.T.S.	Scale
	Issued by
MG	File No.
2341A-23	Plot Date
2025-07-02	

E-401



LOAD: 23.1KW    A: 64

FPE TYPE: NEMA 2		PANEL # 'B1'										FED FROM:SPUTTER#A	
TOTAL LOAD: 22.1 kW		TYPE:120/208 V, 3PH 4W,14KA										MOUNTING: WALL	
TOTAL CIRCUITS: 54		MAIN BREAKER: 200 A										LOCATION: BUILDING B1	
LOAD(W)	SERVICE DESC.	WIRE	BRKR	CCT	L1	L2	L3	CCT	BRKR	WIRE	SERVICE DESC.	LOAD (kW)	
1.2	RECEPTACLES DUTY WATCH, CAPT. DORM	2#12(R90)	15A	1				2	20A	2#12(R90)	LIGHTING DUTY WATCH	.3	
.7	RECEPTACLES CAPT. OFFICE, JANITOR	2#12(R90)	15A	3				4	20A	2#12(R90)	LIGHTING CAPTAIN DORM, WC	.3	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	5				6	20A	2#12(R90)	LIGHTING CAPTAINS OFFICE	.3	
.7	RECEPTACLES DAY ROOM	2#12(R90)	15A	7				8	20A	2#12(R90)	LIGHTING CORRIDOR, JANITOR ROOM	.3	
.6	RECEPTACLES CORRIDOR	2#12(R90)	15A	9				10	20A	2#12(R90)	LIGHTING CORRIDOR	.3	
.5	RECEPTACLES TOOLS WS.	2#12(R90)	15A	11				12	20A	2#12(R90)	LIGHTING STORAGE ROOM 6	.3	
.5	RECEPTACLES GFI WC.	2#12(R90)	15A	13				14	20A	2#12(R90)	LIGHTING DORM C, D	.3	
.5	RECEPTACLES GFI WC.	2#12(R90)	15A	15				16	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.5	RECEPTACLES DORM D	2#12(R90)	15A	17				18	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.7	RECEPTACLES DORM C	2#12(R90)	15A	19				20	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.5	RECEPTACLES GFI OUTDOOR	2#12(R90)	20A	21				22	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	23				24	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.9	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	25				26	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	27				28	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	29				30	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	31				32	20A	2#12(R90)	LIGHTING FITNESS ROOM	.3	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	33				34	20A	2#12(R90)	LIGHTING DAY ROOM	.3	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	35				36	20A	2#12(R90)	LIGHTING DAY ROOM	.3	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	37				38	15A	2#12(R90)	RECEPTACLES FITNESS ROOM	.8	
.8	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	39				40	15A	2#12(R90)	RECEPTACLES FITNESS ROOM	.8	
.9	RECEPTACLES FITNESS ROOM	2#12(R90)	15A	41				42	15A	2#12(R90)	RECEPTACLES FITNESS ROOM	.8	
.8	CEILING RECEPTACLES FITNESS ROOM	2#12(R90)	15A	43				44	15A	2#12(R90)	CEILING RECEPTACLES FITNESS ROOM	.8	
.8	CEILING RECEPTACLES FITNESS ROOM	2#12(R90)	15A	45				46	15A	2#12(R90)	CEILING RECEPTACLES FITNESS ROOM	.8	
.8	CEILING RECEPTACLES FITNESS ROOM	2#12(R90)	15A	47				48	15A	2#12(R90)	O/S RECEPTACLES FITNESS ROOM	.8	
.8	GFI RECEPTACLES FITNESS ROOM	2#12(R90)	15A	49				50	15A	2#12(R90)	RECEPTACLES MED RM.	.5	
.5	DRINKING FOUNTAIN	2#12(R90)	15A	51				52	20A	2#12(R90)	EMERG LIGHTING	1.5	
.5	DRINKING FOUNTAIN	2#12(R90)	15A	53				54	20A	2#12(R90)	EMERG LIGHTING	1.5	

LOAD: 24.1 KW    A: 70

FPE TYPE: NEMA 2		PANEL # 'B2'										FED FROM:SPUTTER#A	
TOTAL LOAD: 24.1 kW		TYPE:120/208 V, 3PH 4W,14KA										MOUNTING: WALL	
TOTAL CIRCUITS: 60		MAIN BREAKER: 200 A										LOCATION: BUILDING B1	
LOAD(W)	SERVICE DESC.	WIRE	BRKR	CCT	L1	L2	L3	CCT	BRKR	WIRE	SERVICE DESC.	LOAD (kW)	
.5	RECEPTACLES MED ROOM, LAUNDRY	2#12(R90)	15A	1				2	20A	2#12(R90)	LIGHTING CORRIDOR	.3	
.5	RECEPTACLES GFI SHOWER	2#12(R90)	15A	3				4	20A	2#12(R90)	LIGHTING CORRIDOR, UNI WC	.3	
.5	RECEPTACLES GFI WC	2#12(R90)	15A	5				6	20A	2#12(R90)	LIGHTING MED PRE STORE, WC	.3	
.5	RECEPTACLES GFI WC	2#12(R90)	15A	7				8	20A	2#12(R90)	LIGHTING CORRIDOR, LAUNDRY	.3	
.5	RECEPTACLES CORRIDOR	2#12(R90)	15A	9				10	20A	2#12(R90)	LIGHTING SHARED WASHROOM STORAGE ROOM	.3	
.5	RECEPTACLES DORM B	2#12(R90)	15A	11				12	20A	2#12(R90)	LIGHTING DORM A, B	.3	
.5	RECEPTACLES DORM A	2#12(R90)	15A	13				14	20A	2#12(R90)	LIGHTING KITCHEN	.3	
.5	RECEPTACLES MECH ROOM	2#12(R90)	15A	15				16	20A	2#12(R90)	LIGHTING ROOM	.3	
.5	RECEPTACLES STORAGE, POLE, CORRIDOR, MACHINE ROOM	2#12(R90)	15A	17				18	20A	2#12(R90)	LIGHTING ROOM	.3	
.5	RECEPTACLES KITCHEN	2#12(R90)	15A	19				20	20A	2#12(R90)	LIGHTING ROOM	.3	
.5	RECEPTACLES FRIDGE	2#12(R90)	15A	21				22	20A	2#12(R90)	LIGHTING ELEVATOR CORRIDOR	.3	
.5	RECEPTACLES DISH WASHER	2#12(R90)	15A	23				24	20A	2#12(R90)	LIGHTING MACHINE ROOM	.3	
.5	RECEPTACLES GFI KITCHEN	2#12(R90)	20A	25				26	20A	2#12(R90)	LIGHTING MECH ROOM	.3	
.5	RECEPTACLES GFI KITCHEN	2#12(R90)	20A	27				28	20A	2#12(R90)	LIGHTING CORR 5 STORAGE SLIDE ROOM	.3	
.5	RECEPTACLES GFI KITCHEN	2#12(R90)	20A	29				30	20A	2#12(R90)	RECEPTACLES GFI OUTDOOR	.5	
.5	RECEPTACLES GFI KITCHEN	2#12(R90)	20A	31				32	20A	2#12(R90)	RECEPTACLES GFI OUTDOOR	.5	
.5	RECEPTACLES GFI KITCHEN	2#12(R90)	20A	33				34	15A	2#12(R90)	RECEPTACLES WORKSHOP	.5	
.5	FREEZER	2#12(R90)	15A	35				36	15A	2#12(R90)	WASHER	.5	
1.0	MICROWAVE	2#12(R90)	15A	37				38	30A	2#10 (R90)	DRYER	3.0	
1.0	MICROWAVE	2#12(R90)	15A	39				40					
0.9	MUA-3	2#12(R90)	15A	41				42	15A	2#12(R90)	NFPA-96 HOOD	.2	
				43				44	15A	2#12(R90)	WASHER	.5	
1.5	BC-1	2#12(AC90)	15A	45				46	30A	2#10 (R90)	DRYER	3.0	
.5	RECEPTACLES GFI KITCHEN	2#12(R90)	20A	47				48					
.5	RECEPTACLES GFI KITCHEN	2#12(R90)	20A	49				50	15A	2#12(R90)	RECEPTACLES FRIDGE	.5	
.5	RECEPTACLES GFI KITCHEN	2#12(R90)	20A	51				52	20A	2#12(R90)	RECEPTACLES GFI	.5	
.5	RECEPTACLES GFI	2#12(R90)	20A	53				54	20A	2#12(R90)	RECEPTACLES GFI	.5	
1.1	ERV- 1	2#12(R90)	15A	55				56	15A	3#12(R90)	NFPA-96 EXH. FAN	2.3	
				57				58					
	DOOR OPERATOR	2#12(R90)	15A	59				60					

1

E-402

PANELS SCHEDULES

SCALE: N.T.S.

LOAD: 20KW    A: 56

FPE TYPE: NEMA 2		PANEL # 'EL'										FED FROM:SPUTTER#A	
TOTAL LOAD: 20 KW		TYPE:120/208 V, 3PH 4W,14KA										MOUNTING: WALL	
TOTAL CIRCUITS: 24		MAIN BREAKER: 100 A										LOCATION: B3-MAIN ELECTRICAL ROOM	
LOAD(W)	SERVICE DESC.	WIRE	BRKR	CCT	L1	L2	L3	CCT	BRKR	WIRE	SERVICE DESC.	LOAD (kW)	
2.5	LIGHTING POLES	2#12(R90)	20A	1				2	20A		SPARE	.3	
3	SPARE		20A	3				4	20A		SPARE	.3	
2.5	LIGHTING POLES	2#12(R90)	20A	5				6	20A		SPARE	.3	
1	SPARE		20A	7				8	20A		SPARE	.3	
2	SPARE		20A	9				10	20A		SPARE	.3	
2	SPARE		20A	11				12	20A	2#12(R90)	LIGHTING BLDG. B1	.3	
2.5	SPARE		20A	13				14	20A	2#12(R90)	LIGHTING BLDG. B3	.3	
2.5	SPARE		20A	15				16	20A	2#12(R90)	LIGHTING BLDG. B2	.3	
	SPARE		20A	17				18	20A				
	SPARE		20A	19				20	20A				
	SPACE			21				22			SPACE		
	SPACE			23				24			SPACE		

LOAD: 10 KW    A: 28

FPE TYPE: NEMA 2		PANEL # 'CR'										FED FROM:SPUTTER#A	
TOTAL LOAD: 20 KW		TYPE:120/208 V, 3PH 4W,14KA										MOUNTING: WALL	
TOTAL CIRCUITS: 24		MAIN BREAKER: 200 A										LOCATION: I.T. ROOM	
LOAD(W)	SERVICE DESC.	WIRE	BRKR	CCT	L1	L2	L3	CCT	BRKR	WIRE	SERVICE DESC.	LOAD (kW)	
1.0	RECEPTACLE	2#12(R90)	20A	1				2	20A	3#12(R90)	5 KW. UPS	5	
1.0	RECEPTACLE	2#12(R90)	20A	3				4					
1.0	RECEPTACLE	2#12(R90)	20A	5				6					
1.0	RECEPTACLE	2#12(R90)	20A	7				8	40A	2#8(RW90)	CU-4/AC-1	5.2	
1.0	RECEPTACLE	2#12(R90)	20A	9				10					
	SPARE		20A	11				12	25A	2#10(RW90)	CU-5/AC-1	3.0	
	SPARE		20A	13				14					
	SPARE		15A	15				16					
	SPACE			17				18			SPACE		
	SPACE			19				20			SPACE		
	SPACE			21				22			SPACE		
	SPACE			23				24			SPACE		

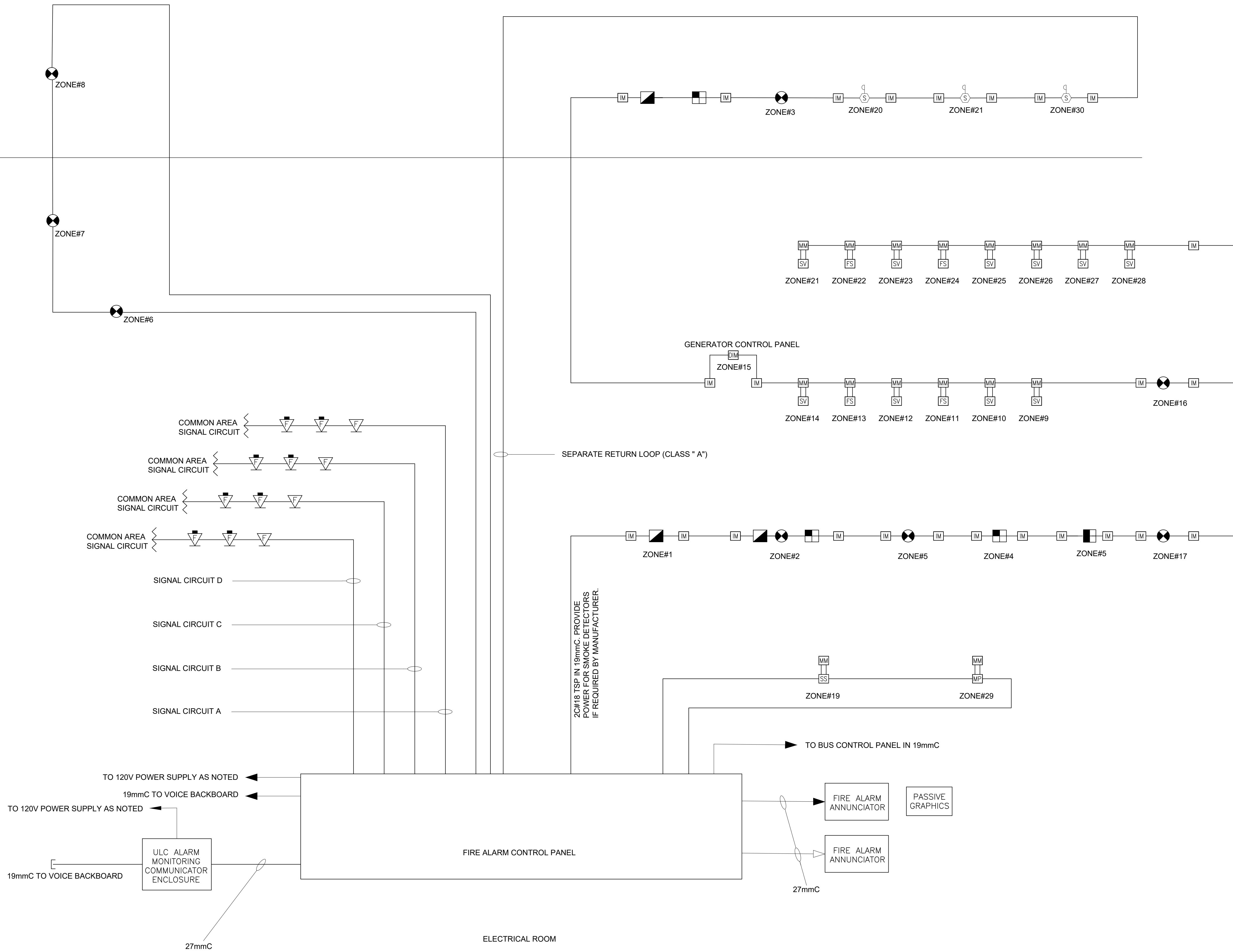
LOAD: 25.5KW    A: 71

FPE TYPE: NEMA 2				PANEL # 'D'								FED FROM:SPUTTER#A		
TOTAL LOAD: 25.5 KW				TYPE:120/208 V, 3PH 4W,14KA								MOUNTING: WALL		
TOTAL CIRCUITS: 42				MAIN BREAKER: 100 A								LOCATION: B3-MAIN ELECTRICAL ROOM		
LOAD(KW)	SERVICE DESC.	WIRE	BRKR	CCT	L1	L2	L3	CCT	BRKR	WIRE	SERVICE DESC.	LOAD (KW)		
.5	CO MONITORING PANEL	2#12(R90)	15A	1						2#12(R90)	LIGHTING EL. ROOM	.3		
.5	RECEPTACLES EL. ROOM	2#12(R90)	15A	3					4	20A	2#12(R90)	LIGHTING COMP. BOTTLE FILLING	.3	
.5	RECEPTACLES COMP. SCUBA RM	2#12(R90)	15A	5					6	20A	2#12(R90)	LIGHTING BUNKER GEAR ROOM	.3	
.5	RECEPTACLES BUNKER, CUBBY OUTDOOR STORAGE	2#12(R90)	15A	7					8	20A	2#12(R90)	LIGHTING BUNKER GEAR ROOM	.3	
.5	RECEPTACLES DECON, GEAR ROOM	2#12(R90)	15A	9					10	20A	2#12(R90)	LIGHTING BUNKER GEAR ROOM	.3	
.5	RECEPTACLES AGENT, TR. HOSE ROOM	2#12(R90)	15A	11					12	20A	2#12(R90)	LIGHTING BUNKER GEAR ROOM	.3	
.5	RECEPTACLES VEHICLE DECON	2#12(R90)	15A	13					14	20A	2#12(R90)	LIGHTING BUNKER GEAR ROOM	.3	
1	FIRE ALARM PANEL	2#12(R90)	15A	15					16	20A	2#12(R90)	LIGHTING CUBBY STORAGE	.3	
.5	RECP. GEAR ROOM GFI	2#12(R90)	15A	17					18	20A	2#12(R90)	LIGHTING GEAR WASH ROOM	.3	
.5	RECP. GFI OUTDOOR	2#12(R90)	20A	19					20	20A	2#12(R90)	LIGHTING AGENT ROOM	.3	
.5	RECP. GFI OUTDOOR	2#12(R90)	20A	21					22	20A	2#12(R90)	LIGHTING TRAINING HOSE ROOM	.3	
.5	SPARE	2#12(R90)	20A	23					24	20A	2#12(R90)	SPARE	.3	
.5	RECP. GFI OUTDOOR	2#12(R90)	20A	25					26	20A	2#12(R90)	SPARE	.3	
1.5	TOWER HOST	2#12(R90)	20A	27					28	20A	2#12(R90)	SPARE	.3	
	SPARE			29					30	20A	2#12(R90)	SPARE	.3	
3.7	GEAR WASHER	2#10 (R90)	30A	31					32	20A	2#12(R90)	LIGHTING DECON ROOM	.3	
				33					34	20A	2#12(R90)	FILLING STATION	.6	
9.0	GEAR DRYER	2#6 (R90)	60A	35					36	15A	2#12(R90)	GENERATOR BATTERY CHARGER	.5	
				37					38	15A	2#12(R90)	GENERATOR BULK HEATER	.5	
1.5	TOWER HOST	2#12(R90)	20A	39					40	15A	2#12(R90)	EMERG LIGHTING	1.0	
	SPACE			41					42	15A	2#12(R90)	EMERG LIGHTING	1.0	



ROOF

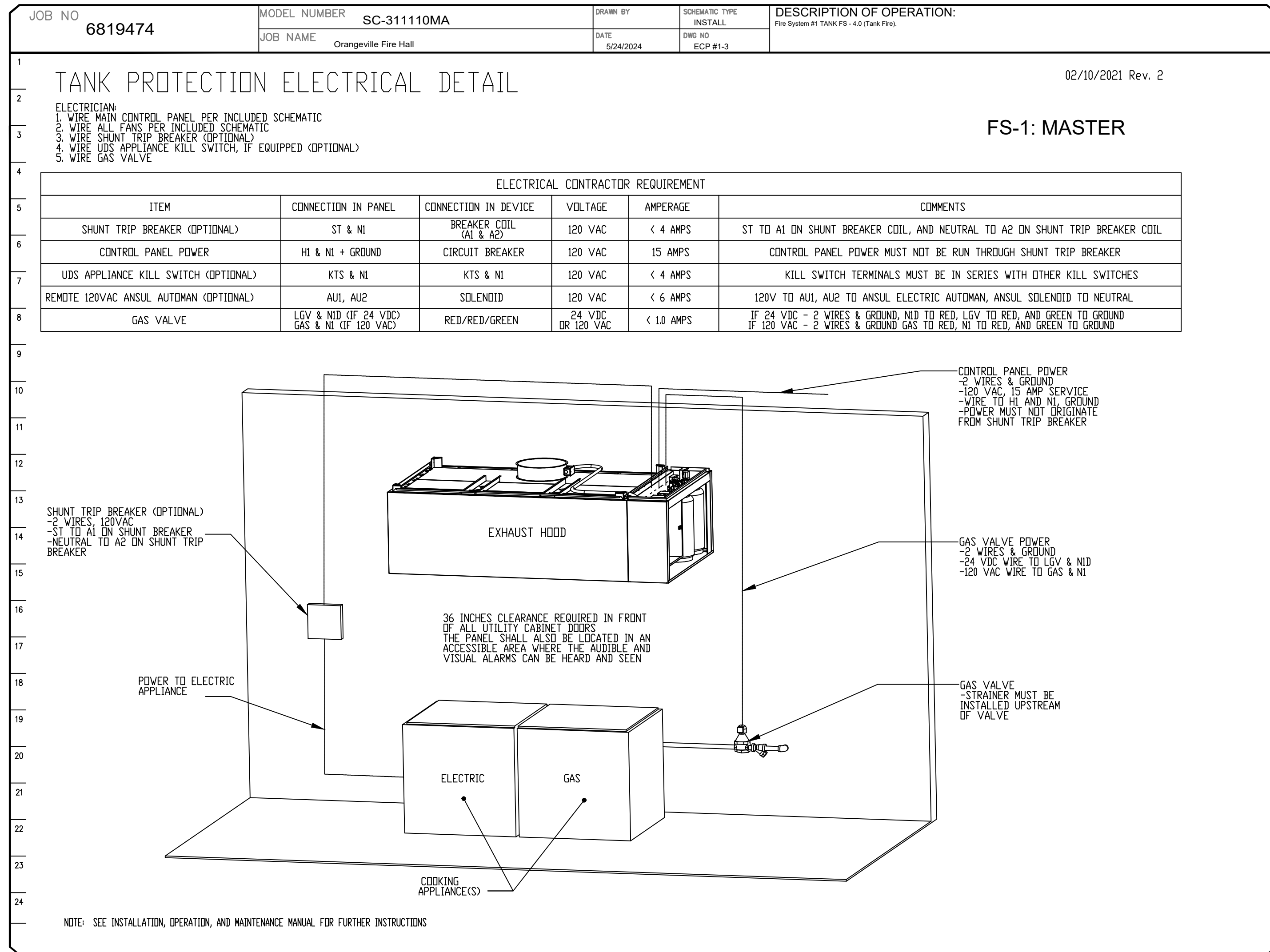
MEZZANINE



GROUND FLOOR

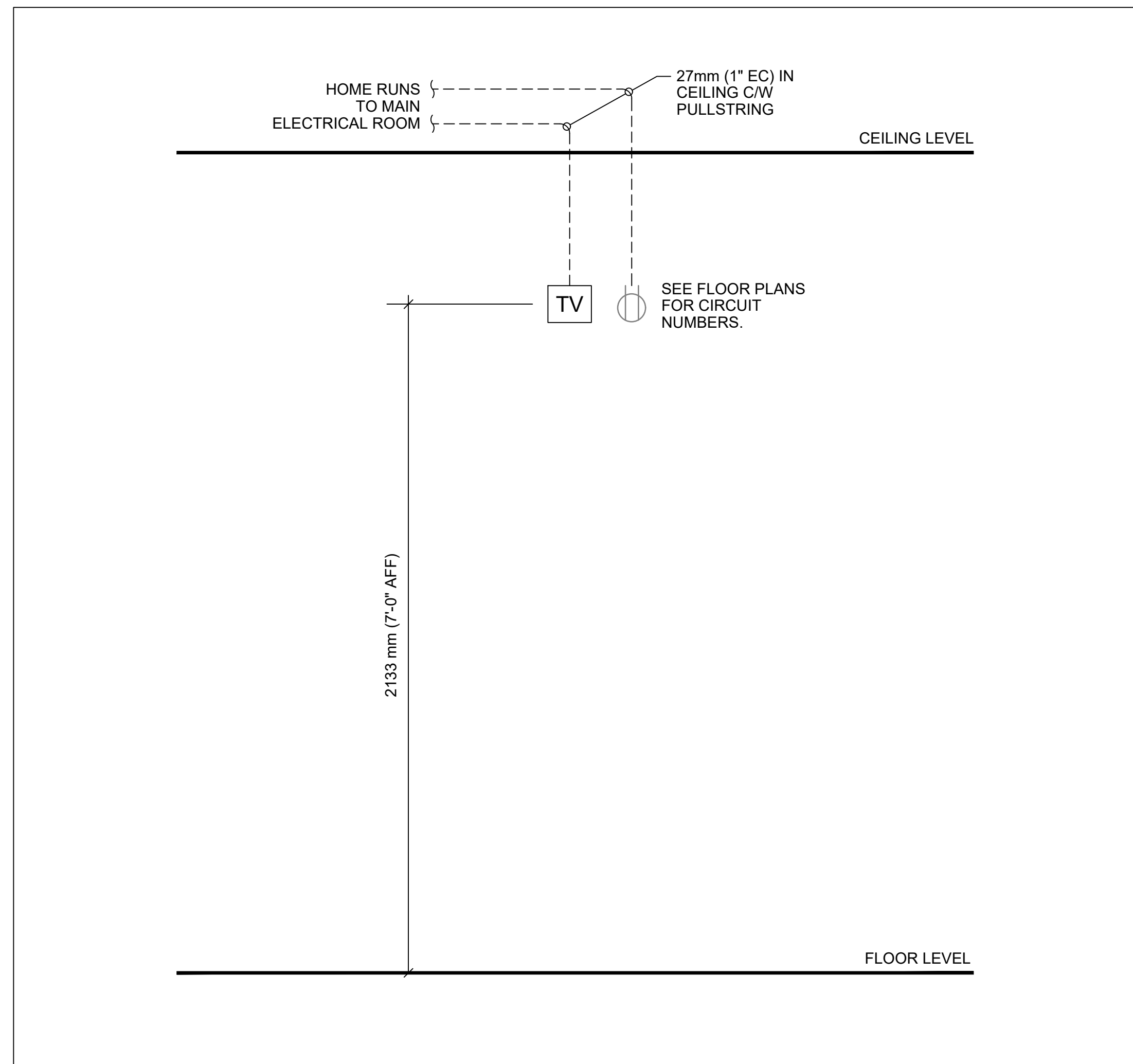
## 1 FIRE ALARM RISER DIAGRAM

E-500 /SCALE: N.T.S.



## 2 KITCHEN FIRE SUPPRESSION DETAILS

E-500 /SCALE: N.T.S.



## 3 TV MOUNTING HEIGHT DETAILS

E-500 /SCALE: N.T.S.

### NOTES

- REFER TO FLOOR PLANS FOR EXACT LOCATION AND QUANTITIES OF DEVICES.
- CONTRACTOR IS TO CONFIRM WIRE SIZE (BASED UPON LENGTH OF CIRCUIT RUN AND QUANTITY OF SIGNALS) FOR SIGNAL CIRCUIT WITH MANUFACTURER.
- PROVIDE THE REQUIRED NUMBER OF SIGNAL CIRCUITS TO SUIT THE QUANTITY OF STROBES. SIGNAL CIRCUITS ARE TO BE ALTERNATED.
- LOCATE END OF LINE RESISTORS AND ISOLATOR MODULES IN SERVICE ROOMS AT ±1.8m AFF. PROVIDE LAMICOID LABEL INDICATING ZONE LABEL AND NUMBER.
- AS PART OF SHOP DRAWING SUBMITTAL PROCESS THE DRAWING FOR THIS ANNUNCIATOR IS TO BE FORWARDED TO THE LOCAL BUILDING DEPARTMENT FOR REVIEW/APPROVAL PRIOR TO RELEASE INTO PRODUCTION.
- PROVIDE A 19mmC AND COORDINATE WITH SECURITY SUBCONTRACTOR AND PROVIDE THE NECESSARY CONDUCTORS TO INTERFACE THE TWO PANELS TO ALLOW ALARM AND TROUBLE CONDITIONS TO BE MONITORED AND REPORTED BY THE SECURITY SYSTEM.
- INDICATED DEVICE IS TO BE MOUNTED AT THE TOP OF THE STAIR SHAFT.
- INDICATED DEVICE IS TO BE MOUNTED AT THE TOP OF THE ELEVATOR SHAFT.
- INDICATED DEVICE IS TO BE MOUNTED WITHIN THE ELEVATOR PIT.
- FIRE ALARM SPEAKER AND STROBE ON SEPARATE WIRING.

### FIRE ALARM ANNUNCIATOR SCHEDULE

Zone	Description	Alarm	Supervisory
1	EAST ROOMS AND APPARATUS BAY	•	
2	WEST ROOMS ADMINISTRATION	•	
3	MEZZANINE	•	
4	MECHANICAL ROOM	•	
5	ELEVATOR	•	
6	STAIR 1	•	
7	STAIR 2	•	
8	HOSE TRAINING TOWER	•	
9	MAIN SPRINKLER SUP. VALVE INCOMING DOUBLE CHECK VALVE	•	•
10	MAIN SPRINKLER SUP. VALVE OUTGOING DOUBLE CHECK VALVE	•	•
11	GROUND FLOOR A1 FLOW SWITCH	•	
12	GROUND FLOOR A1 SUPERVISED VALVE	•	•
13	MEZZANINE FLOW SWITCH	•	
14	MEZZANINE SUPERVISED VALVE	•	•
15	GENERATOR TROUBLE SIGNAL	•	•
16	OUTDOOR STORAGE	•	
17	ELECTRICAL ROOM	•	•
18	SPRINKLER LOW PRESSURE SWITCH	•	
19	KITCHEN FIRE SUPPRESSION SYSTEM	•	
20	MAKE-UP AIR UNIT MUA-2	•	
21	MAKE-UP AIR UNIT MUA-3	•	
22	GROUND FLOOR A2 FLOW SWITCH	•	
23	GROUND FLOOR A2 SUPERVISED VALVE	•	•
24	GROUND FLOOR B1 FLOW SWITCH	•	
25	GROUND FLOOR B1 SUPERVISED VALVE	•	•
26	GROUND FLOOR B2 FLOW SWITCH	•	
27	GROUND FLOOR B2 SUPERVISED VALVE	•	•
28	GROUND FLOOR C FLOW SWITCH	•	
29	GROUND FLOOR C SUPERVISED VALVE	•	•
30	GROUND FLOOR D FLOW SWITCH	•	
31	GROUND FLOOR D SUPERVISED VALVE	•	•
32	COMMUNICATIONS ROOM FM-200 MONITORING PANEL	•	
33	MAKE-UP AIR UNIT MUA-1	•	
34	SPARE		

### FIRE ALARM LEGEND

SYMBOL	Description
▲	ADDRESSABLE MANUAL PULL STATION. MIRCOM'S MS-400U SERIES PULL STATION OR SIMILAR
☼	SMOKE ALARM
☼	FIRE ALARM WALL MOUNTED HORN
☼	FIRE ALARM WALL MOUNTED HORN / STROBE
☼	HEAT DETECTOR (135 DEGREE RATE OF RISE AND FIXED TEMPERATURE)
IM	ISOLATOR MODULE
IS	SPRINKLER FLOW SWITCH
IS	SPRINKLER SUPERVISORY GATE VALVE
IM	ULC SPRINKLER MONITORING DEVICE
IM	GENERATOR MONITORING DEVICE
☼	END OF LINE RESISTOR
IS	KITCHEN FIRE SUPPRESSION SYSTEM
MP	COMMUNICATIONS ROOM FM-200 MONITORING PANEL

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No. Issued For Date

02 ISSUED FOR TENDER 08-18-2025  
01 ISSUED FOR PERMIT #1 07-02-2025



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Drawing Title  
FIRE ALARM RISER DIAGRAM

Project  
TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

N.T.S. Scale  
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MG  
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2025-07-02 Plot Date

E-500





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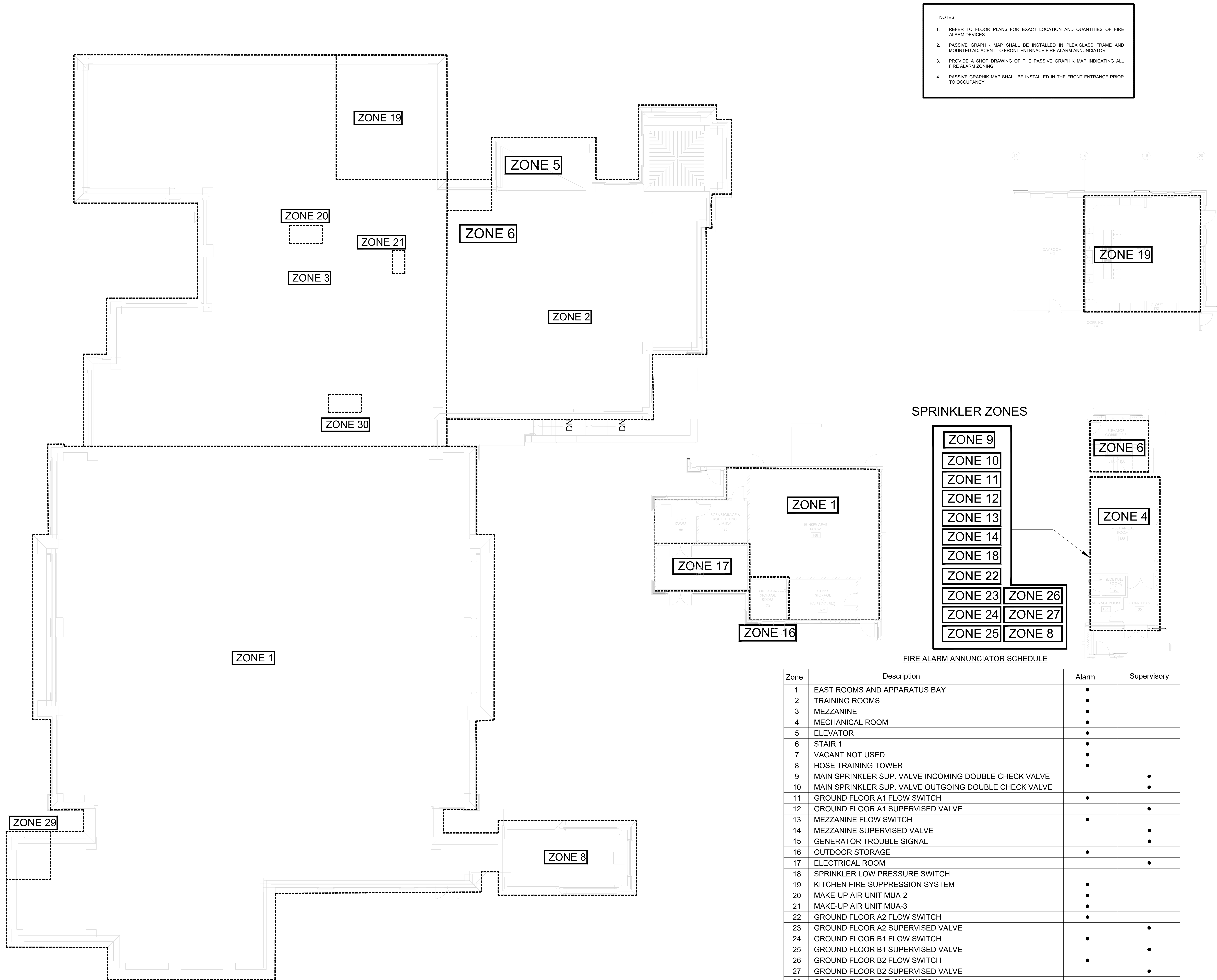
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[info@alaimoarchitecture.com](mailto:info@alaimoarchitecture.com)

Project

**TOWN OF ORANGEVILLE  
FIRE STATION PROJECT**

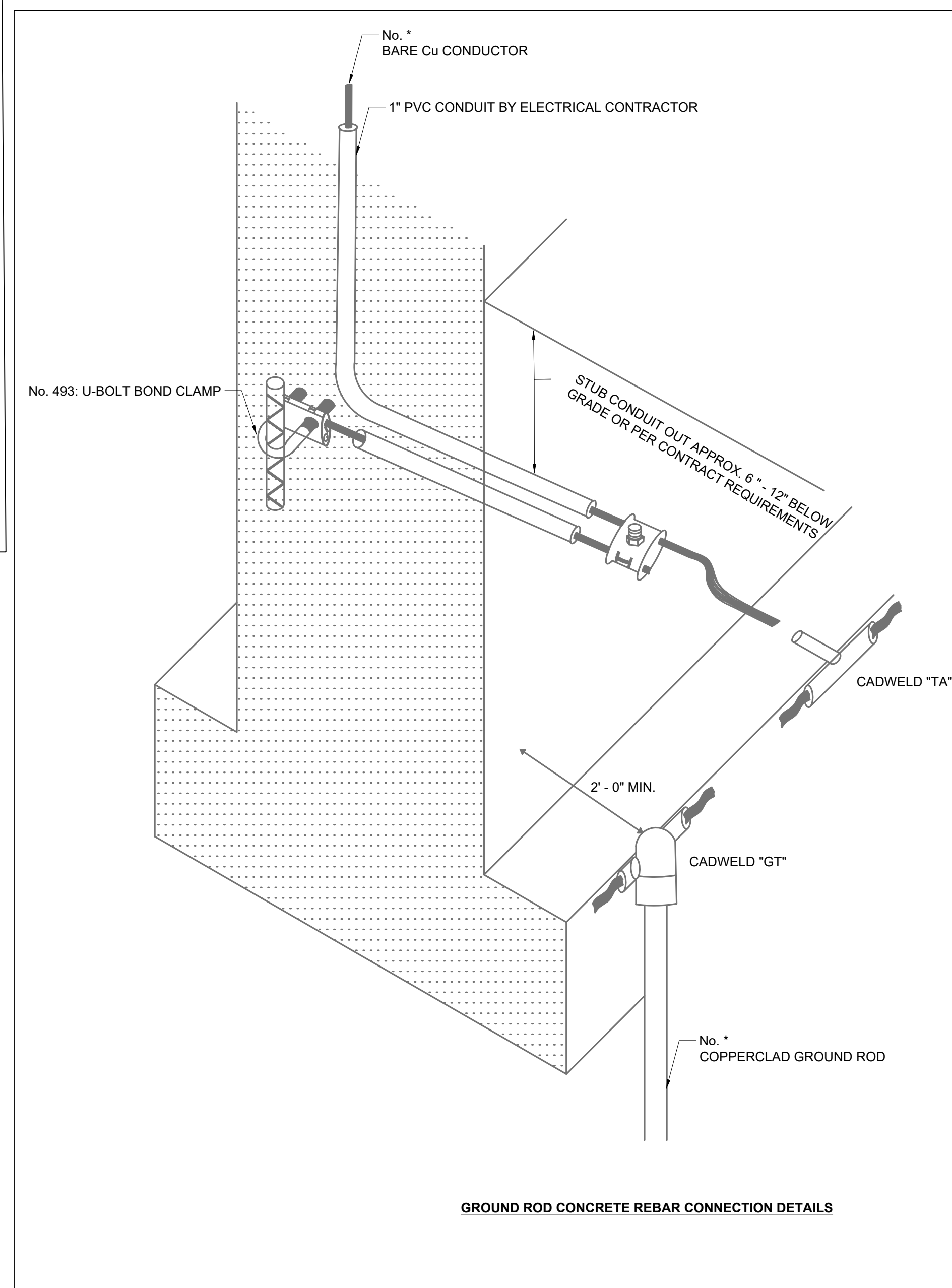
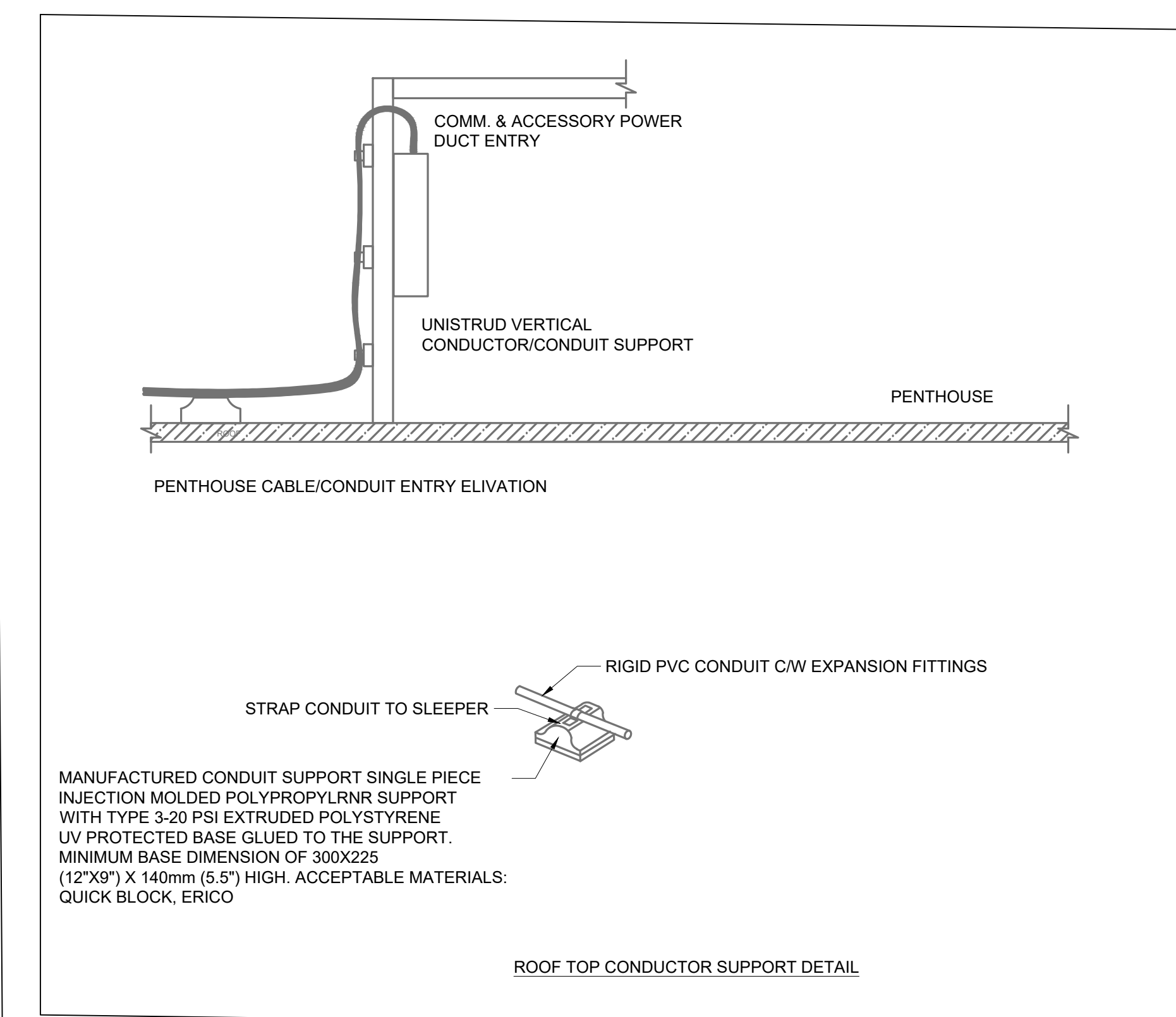
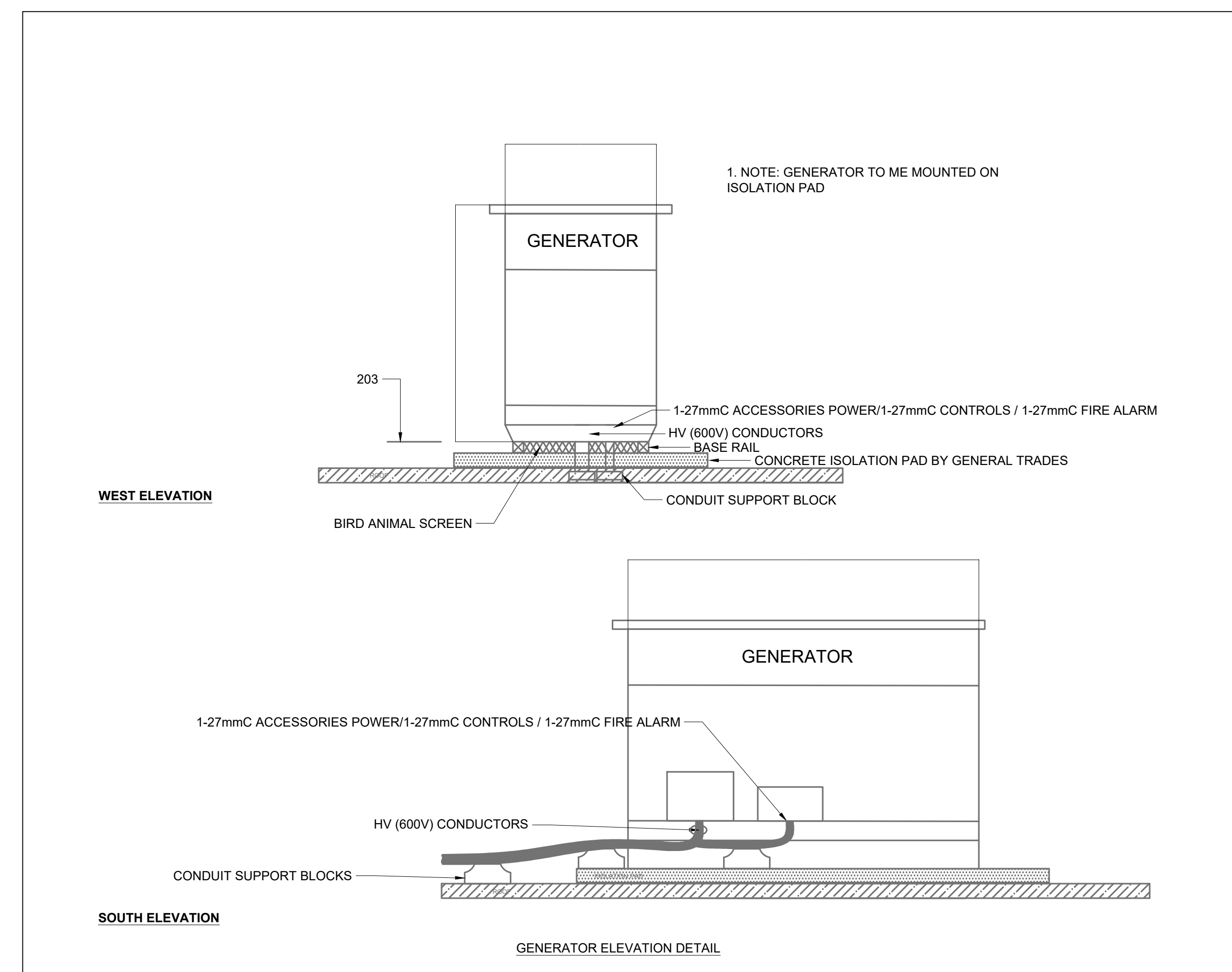
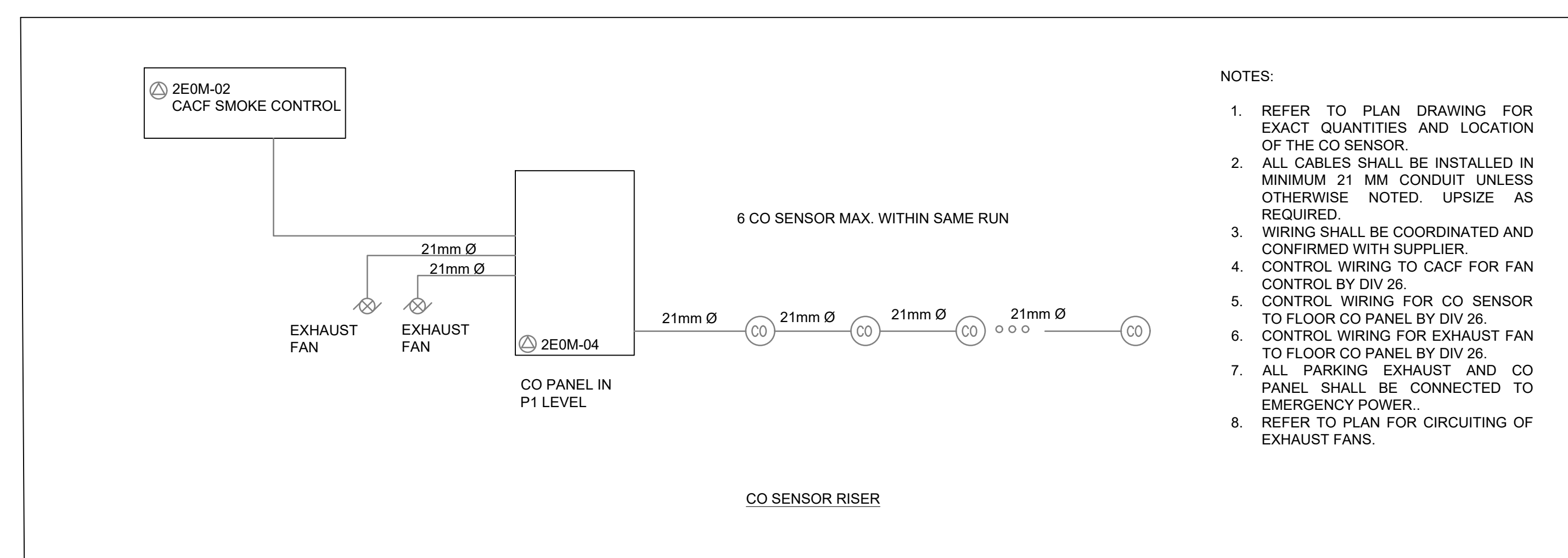
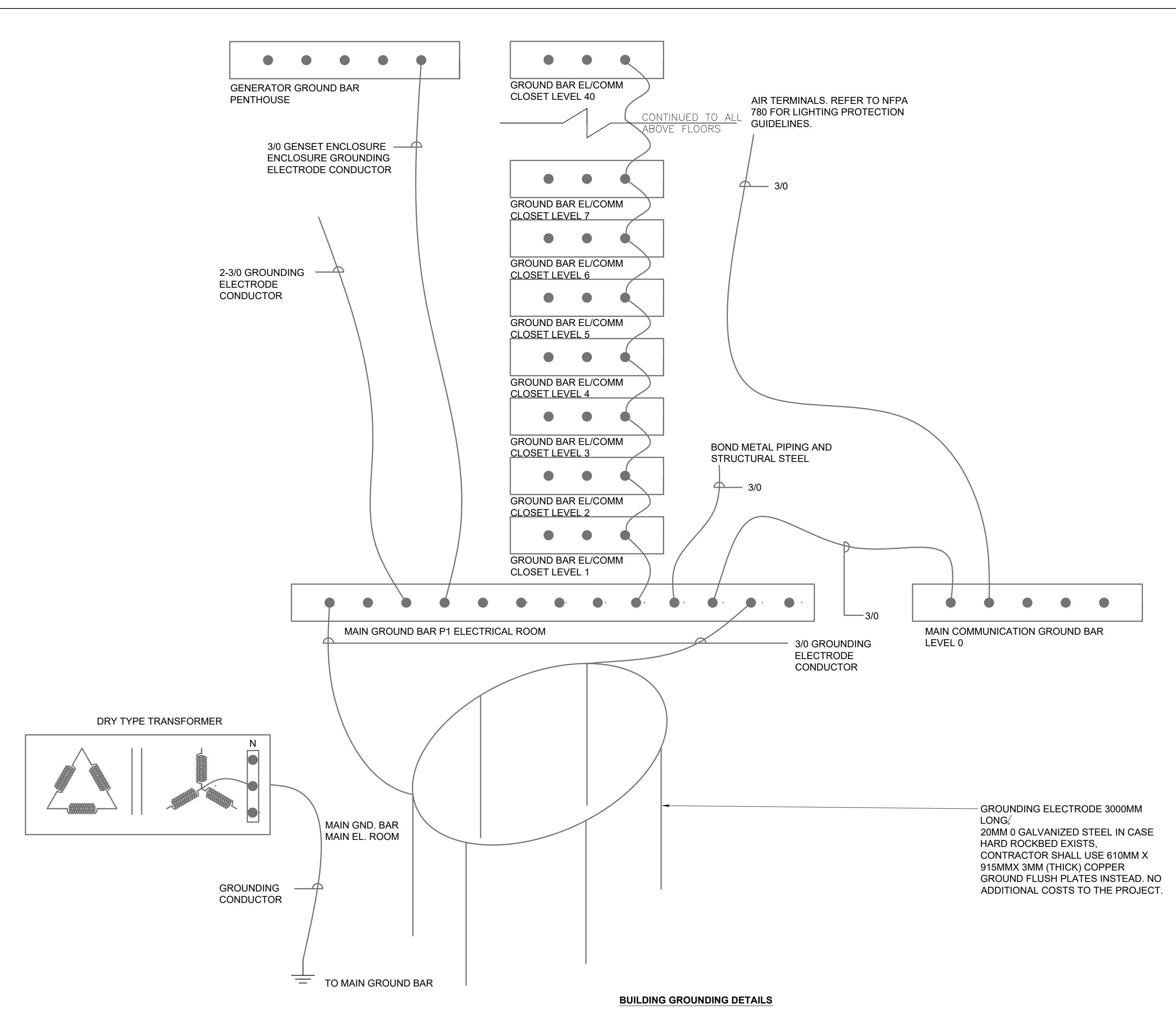
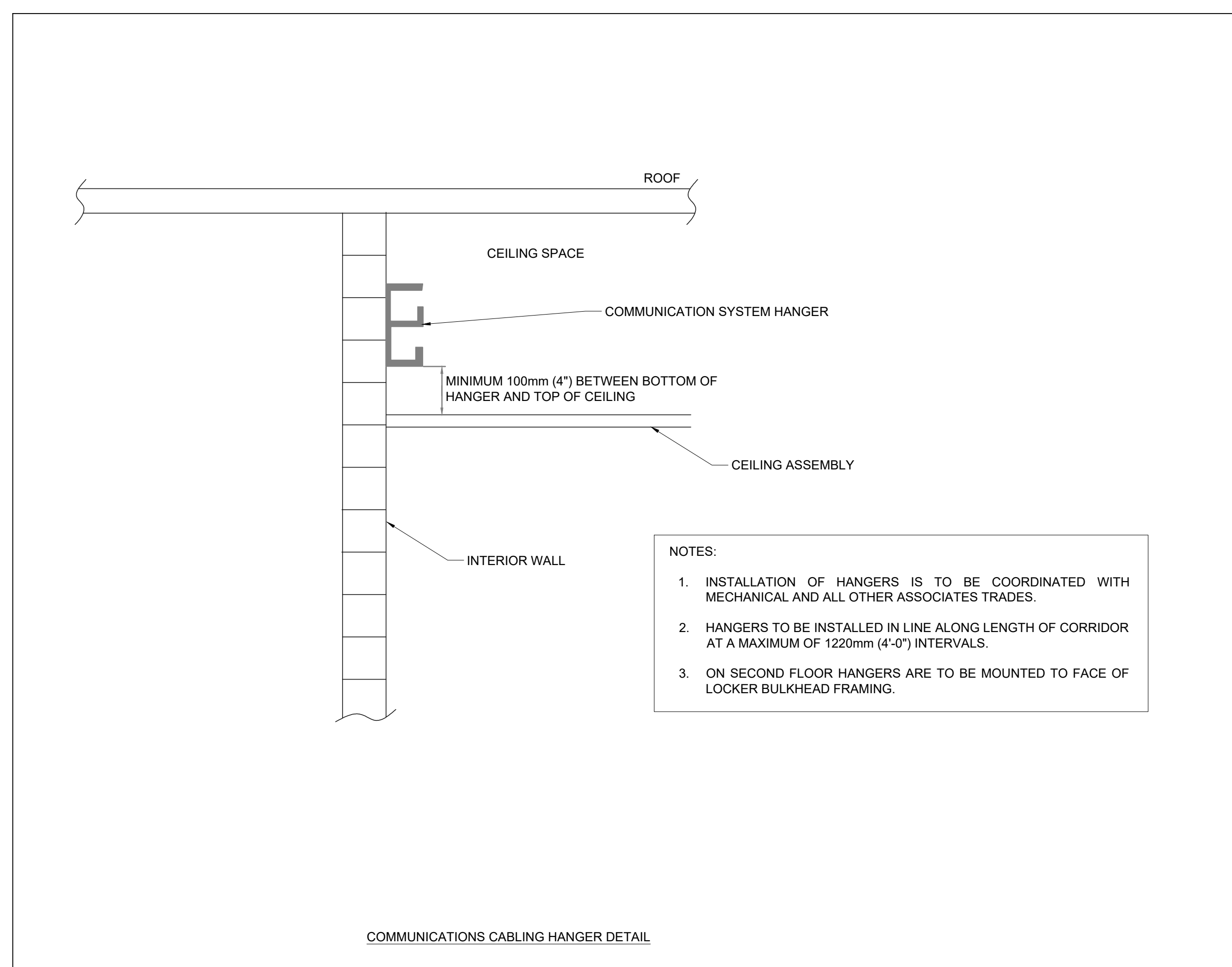
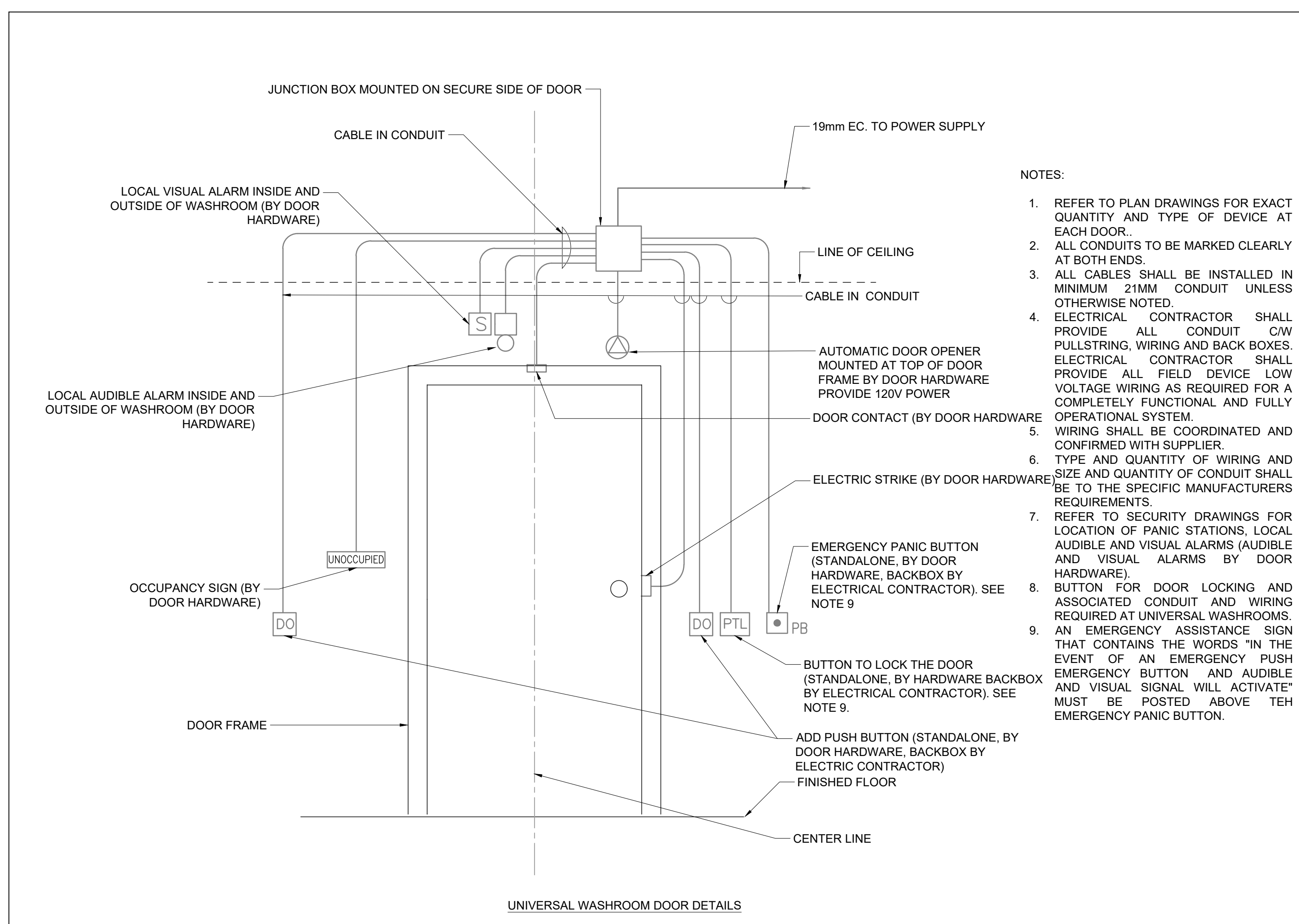
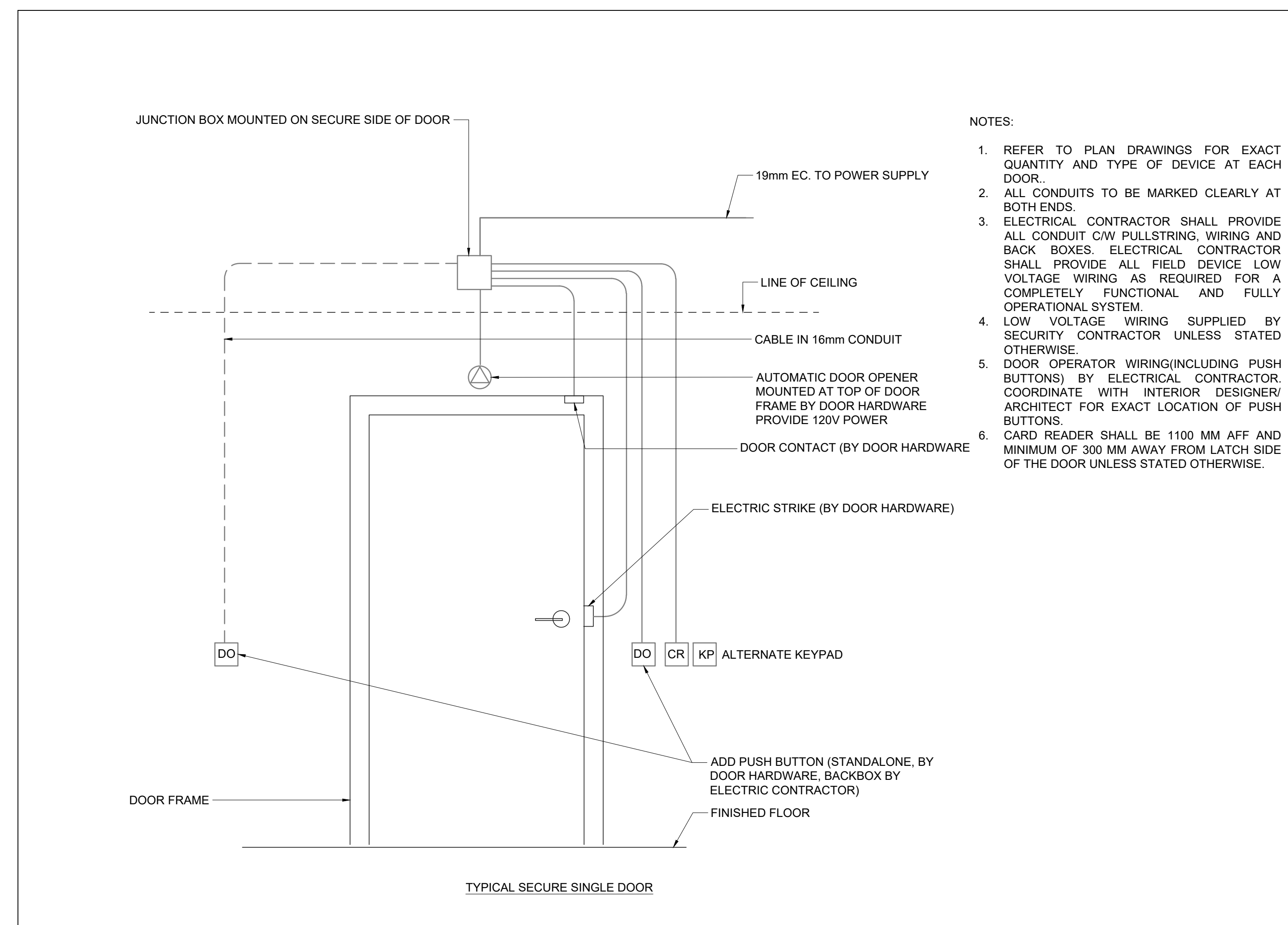
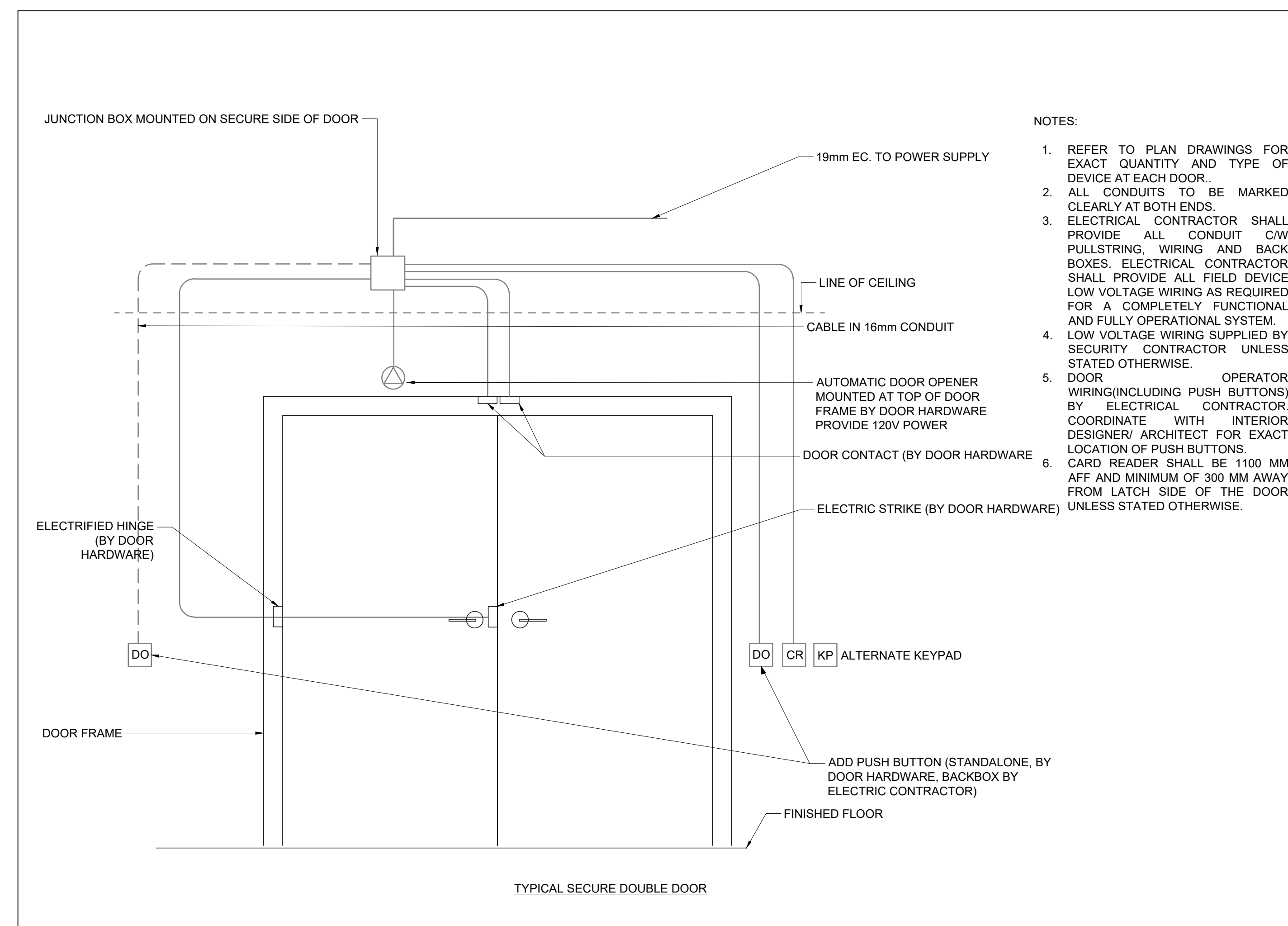
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E-501



Zone	Description	Alarm	Supervisory
1	EAST ROOMS AND APPARATUS BAY	•	
2	TRAINING ROOMS	•	
3	MEZZANINE	•	
4	MECHANICAL ROOM	•	
5	ELEVATOR	•	
6	STAIR 1	•	
7	VACANT NOT USED	•	
8	HOSE TRAINING TOWER	•	
9	MAIN SPRINKLER SUP. VALVE INCOMING DOUBLE CHECK VALVE		•
10	MAIN SPRINKLER SUP. VALVE OUTGOING DOUBLE CHECK VALVE		•
11	GROUND FLOOR A1 FLOW SWITCH	•	
12	GROUND FLOOR A1 SUPERVISED VALVE		•
13	MEZZANINE FLOW SWITCH	•	
14	MEZZANINE SUPERVISED VALVE		•
15	GENERATOR TROUBLE SIGNAL		•
16	OUTDOOR STORAGE	•	
17	ELECTRICAL ROOM		•
18	SPRINKLER LOW PRESSURE SWITCH		
19	KITCHEN FIRE SUPPRESSION SYSTEM	•	
20	MAKE-UP AIR UNIT MUA-2	•	
21	MAKE-UP AIR UNIT MUA-3	•	
22	GROUND FLOOR A2 FLOW SWITCH	•	
23	GROUND FLOOR A2 SUPERVISED VALVE		•
24	GROUND FLOOR B1 FLOW SWITCH	•	
25	GROUND FLOOR B1 SUPERVISED VALVE		•
26	GROUND FLOOR B2 FLOW SWITCH	•	
27	GROUND FLOOR B2 SUPERVISED VALVE		•
28	GROUND FLOOR C FLOW SWITCH	•	
29	GROUND FLOOR C SUPERVISED VALVE		•
30	GROUND FLOOR D FLOW SWITCH	•	
31	GROUND FLOOR D SUPERVISED VALVE		•
32	COMMUNICATIONS ROOM FM-200 MONITORING PANEL	•	
33	MAKE-UP AIR UNIT MUA-1	•	
34	SPARE		





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Drawing Title

## MISCELLANEOUS ELECTRICAL DETAILS

Project

TOWN OF ORANGEVILLE  
FIRE STATION PROJECT

10 COMMERCE ROAD,  
ORANGEVILLE, ONTARIO

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