

LEVEL OF SECURITY / NIVEAU DE SÉCURITÉ  
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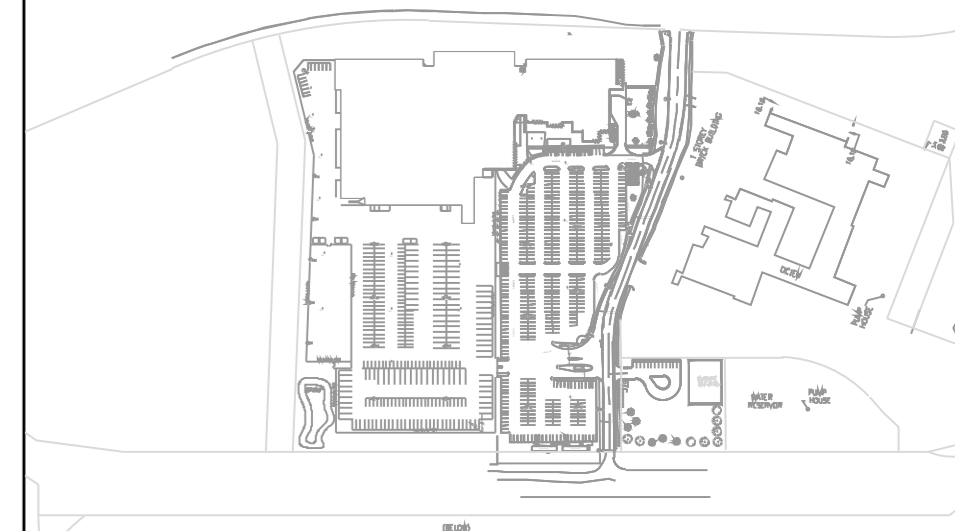
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LEGEND	
	DISTRIBUTION PANEL
	JUNCTION BOX
	MOTOR CONNECTION
	DISCONNECT SWITCH
	TRANSFORMER
	EXISTING UNDERGROUND CONDUIT (PREVIOUS SCOPE OF WORK)
	NEW CONDUIT RUN
	EXISTING CONDUIT RUN ALREADY INSTALLED (PREVIOUS SCOPE OF WORK)
	NEW POWER CONDUIT RUN
	EXISTING POWER CONDUIT RUNS ALREADY INSTALLED (PREVIOUS SCOPE OF WORK)
	CONDUIT DOWN
	CONDUIT UP
	EMERGENCY EXIT LIGHT

**GENERAL NOTES**

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL DRAWINGS AND SPECIFICATIONS FROM THIS AND ALL OTHER DISCIPLINES.
- THESE GENERAL NOTES APPLY TO ALL ELECTRICAL DRAWINGS.
- EXCEPT AS OTHERWISE NOTED ALL EQUIPMENT EXISTING TO REMAIN IS SHOWN IN THIN LIGHT GREY SOLID LINES.
- EXCEPT AS OTHERWISE NOTED ALL EQUIPMENT TO BE DEMOLISHED IS SHOWN IN THICK DASHED LINES.
- EXCEPT AS OTHERWISE NOTED ALL NEW EQUIPMENT IS SHOWN IN THICK SOLID LINES.
- EXCEPT AS OTHERWISE NOTED ALL EQUIPMENT TO BE RELOCATED IS SHOWN IN THICK DASHED LINES AND INDICATED WITH 'R'.
- THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING INFORMATION AND TO CONFIRM CIRCUITS BY TRACING THEM TO THE SOURCE.
- ELECTRICAL WIRING, CABLING, AND EQUIPMENT ARE SHOWN ON PLANS DIAGRAMMATICALLY. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM CONDITIONS ON SITE FOR THEIR EXACT LOCATION AND ROUTING PRIOR TO DEMOLITION.
- INSTALLATION DETAILS TO BE VERIFIED AND COORDINATED ON SITE BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED EQUIPMENT AND TOOLS FOR DEMOLITION.
- EXISTING CIRCUITS, EQUIPMENT AND COMPONENTS SHOWN ON PLANS WERE RETRIEVED FROM AS-BUILT DRAWINGS AND VISUAL INSPECTION AND ARE PROVIDED FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING INFORMATION AND TO CONFIRM CIRCUITS BY TRACING THEM.
- NOT ALL EXISTING CONDUIT AND CONDUCTORS ARE SHOWN ON DRAWINGS. ALL CONDUIT AND CONDUCTORS ASSOCIATED WITH THAT EQUIPMENT INCLUDING POWER, CONTROLS AND AUXILIARY ARE REQUIRED TO BE INSTALLED TO SUIT LOCATIONS TO MEET REQUIRED FUNCTIONALITY.
- PATCH AND SEAL ALL OPENINGS IN FLOORS, WALLS AND PARTITIONS. IF FLOORS, WALLS, OR PARTITIONS ARE FIRE RATED, PATCH AND SEAL PENETRATIONS WITH FIRE RESISTANT INSULATION OR APPROVED FIRE STOP SYSTEMS TO ENSURE THE CONTINUITY AND INTEGRITY OF THE FIRE SEPARATION ARE MAINTAINED.
- CONTRACTOR RESPONSIBLE FOR CAREFUL AND DETAILED COORDINATION OF ALL ELECTRICAL POWER OUTAGES FOR NEW OR EXISTING SERVICES WITH DCC REPRESENTATIVE. ASSUME ALL POWER SHUTDOWNS ARE TO HAPPEN OUTSIDE OF NORMAL WORKING HOURS.
- PROVIDE NEW CONDUIT AND WIRING BACK TO SOURCE PANEL, WHEREVER A CIRCUIT IS SHOWN ON THE PLANS.
- ENSURE COMPONENTS (IE. WIRING, CONDUIT, ETC.) RELATING TO THE AREA, ARE INDEPENDENTLY SECURED TO STRUCTURE COMPLY WITH CODE REQUIREMENTS. IT IS NOT ACCEPTABLE TO SECURE THE COMPONENTS TO DUCTWORK, DUCT WORK TO CONDUIT, OR ANY OTHER SYSTEMS.
- AT COMPLETION OF WORK, WITH ALL LOADS IN OPERATION, INCLUDING LOADS ON SUB-PANELS, MEASURE CURRENT VALUES IN AMPERES PER PHASE AND NEUTRAL IN FEEDER TO EACH OF THE NEW AND EXISTING PANELS. ENSURE LOADS ARE PROPERLY BALANCED AND SUBMIT REPORT IN LETTER FORM TO ENGINEER.
- PROVIDE WALL SLEEVE FOR ALL CONDUIT PENETRATIONS THROUGH A WALL. COORDINATE LOCATION ON SITE.
- SCAN CONCRETE FLOOR/WALLS WHEN MOUNTING OR CORING THROUGH FOR NEW ELECTRICAL EQUIPMENT IN ORDER TO AVOID EXISTING SYSTEMS.
- ALL EXISTING CAMERAS TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING CONDUITS AND WIRING BACK TO NEAREST JUNCTION BOX.
- ALL SURFACE MOUNT CONDUITS TO MATCH ADJACENT SURFACE COLOUR ON SITE.
- REFERS TO SECURITY DRAWINGS FOR CAMERA MOUNTING HEIGHT AND INSTALLATION DETAIL.
- ALL WORK SHOWN IN THIN GREY LINE IN CONTRACT DRAWINGS IS WORK COMPLETED UNDER OTHER CONTRACT. CONTRACTOR TO INSPECT ALL WORK SHOWN IN GREY THIN LINES PRIOR TO STARTING NEW WORK. CONTRACTOR TO INFORM DCC REPRESENTATIVE OF ANY CONDITION WHICH DIFFERS FROM CONTRACT DRAWINGS IMMEDIATELY UPON DISCOVERY. ALL WORK SHOWN ON CONTRACT DRAWINGS IN THICK DARK LINES TO BE COMPLETED FOLLOWING THE INSPECTION AND REMEDIATION OF PREVIOUS SCOPE OF WORK.

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00	2023/12/08	ISSUED FOR 99%	JC
NO.	DATE	REVISION	APPR.

SCALE | ÉCHELLE

LOCATION | EMPLACEMENT  
**1 YUKON LANE,  
 TORONTO  
 ONTARIO**

PROJECT | PROJET  
**DENISON ARMOURED  
 CCTV UPGRADE**

TRADE | MÉTIER  
**Electrical**

DATE  
**2021/03/26**

SUBJECT | SUJET  
**GENERAL NOTES AND LEGEND**

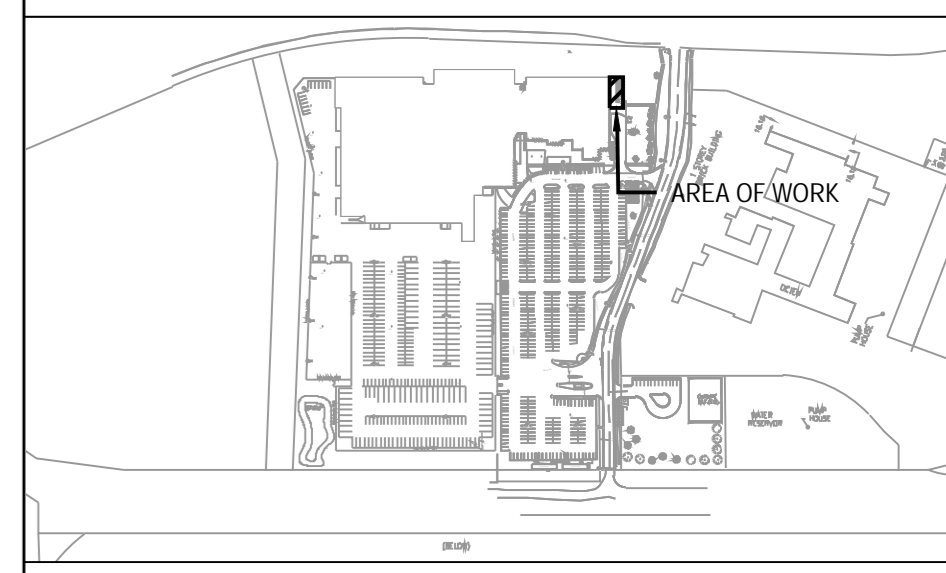
PRODUCTION	DESIGNED   ÉTUDIÉ	REVIEWED   REVU	DES O   AGENT CONC
J. Czynewski	XX   XX	XX	XX
C. McDonald			PROJ MGR   GEST PROJ
E. Lafleur			DES MGR   GEST CONC
X.X.			FIRE   INCENDIE
WBS NO.   NO. ODP		PF NO.   NO. DP	
TT180003		TT180003	

DWG. NO. | NO. DESSIN  
**TT180003 - 501**



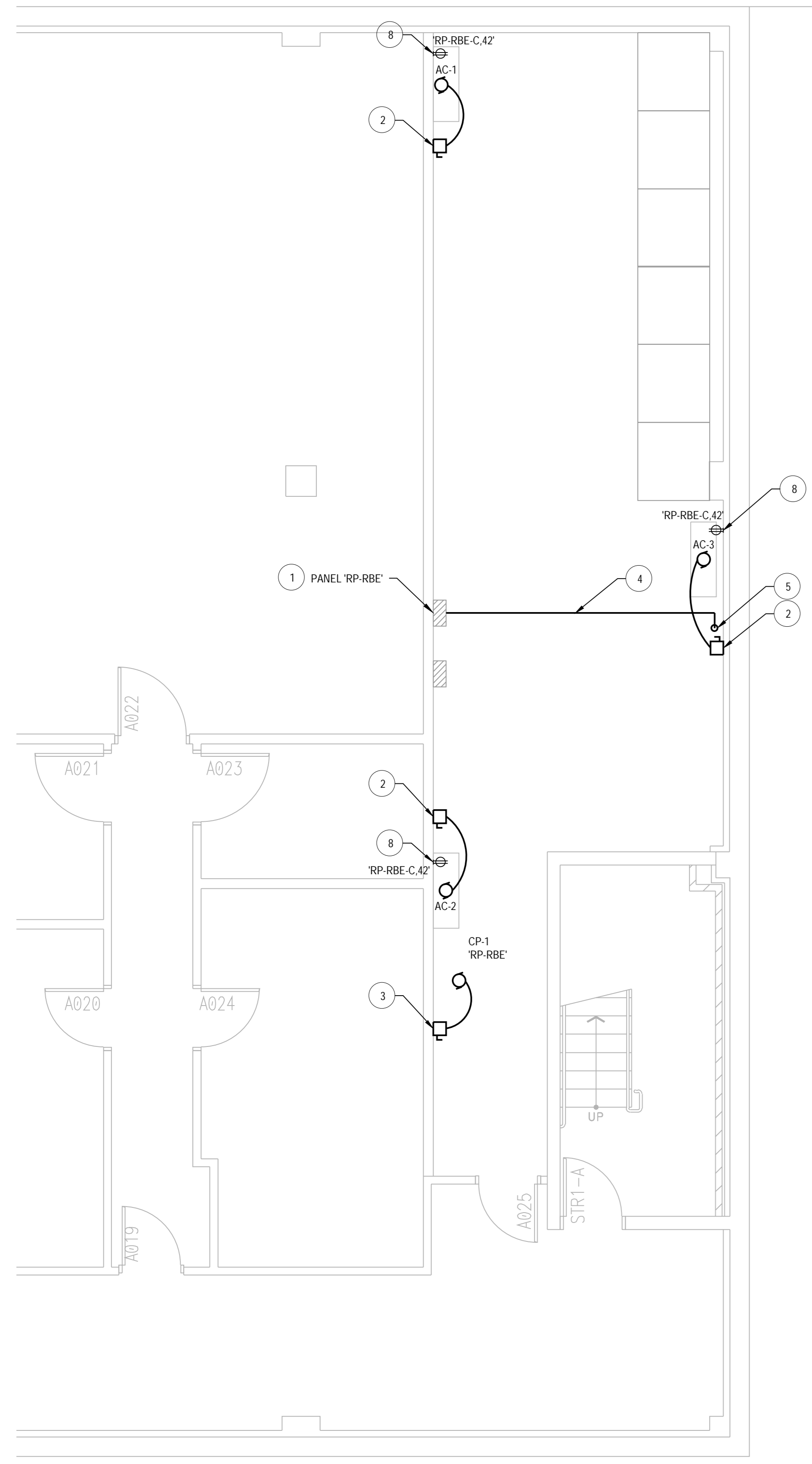
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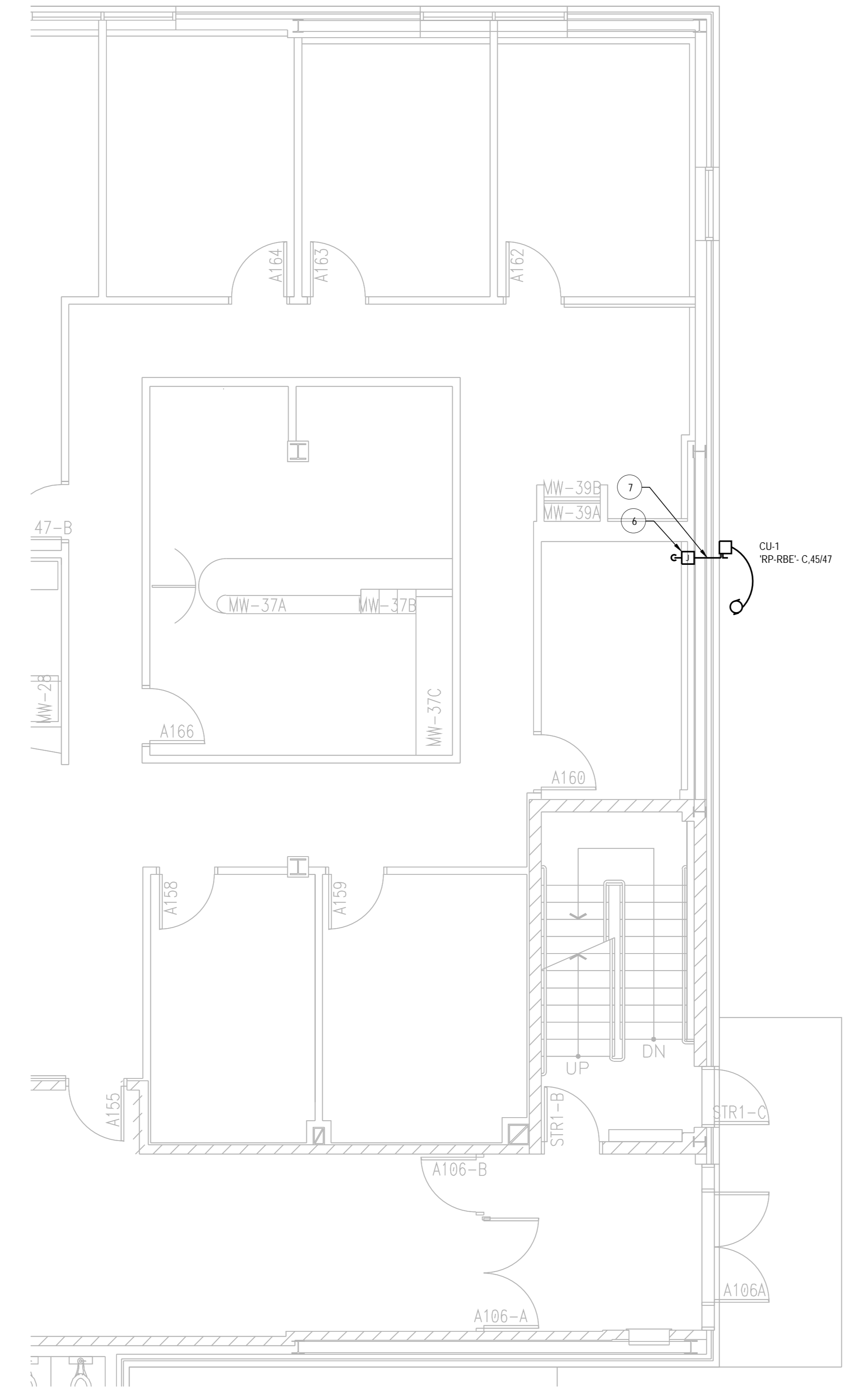


SHEET KEYNOTES

- SUPPLY AND INSTALL NEW BREAKERS IN PANEL 'RP-RBE' AT CIRCUITS AS INDICATED IN ON DRAWING. BREAKERS SHALL BE SIZED ACCORDING TO PANEL RP-RBE SCHEDULE. BREAKERS TO MATCH EXISTING TYPE AND KA RATING OF EXISTING BREAKERS. CONTRACTOR TO UPDATE PANEL SCHEDULE IN ACCORDANCE WITH THE NEW CHANGES
- TYPICAL: SUPPLY AND INSTALL 4#12AWG + BOND IN 21mm EMT FROM OUTDOOR UNIT CU-1 TO NEW AC UNITS AC-1, AC-2, AND AC-3. CONNECT TO NEW DISCONNECT SWITCH PROVIDED BY MECHANICAL TRADE. EXACT LOCATION AND CONDUIT ROUTING TO BE DETERMINED ON SITE.
- SUPPLY AND INSTALL 2#12AWG + BOND IN 21mm EMT FROM PANEL 'RP-RBE' TO NEW CONDENSATE PUMP CP-1. CONNECT TO NEW DISCONNECT SWITCH PROVIDED BY MECHANICAL TRADE. EXACT LOCATION AND CONDUIT ROUTING TO BE DETERMINED ON SITE.
- SUPPLY AND INSTALL 2#6AWG + 8 BOND IN 21mm EMT FROM PANEL 'RP-RBE' TO NEW WALL MOUNTED JUNCTION BOX LOCATED IN FIRST FLOOR OFFICE FOR NEW OUTDOOR COOLING UNIT CU-1.
- CORE DRILL THROUGH CEILING TO ALLOW FOR CONDUIT PENETRATIONS. XRAY SCAN PRIOR TO CORE DRILLING TO AVOID REBAR AND EXISTING SERVICES. COORDINATE EXACT LOCATION FOR PENETRATION WITH MECHANICAL PIPING TO ENSURE MINIMAL DISTURBANCE TO THE STRUCTURE AND THE OFFICE FUNCTIONALITY ON FIRST FLOOR. SEAL CONDUIT PENETRATION AROUND PVC SLEEVE WITH NON SHRINK WEATHERPROOF GROUT.
- SUPPLY AND INSTALL NEW WALL MOUNTED JUNCTION BOX TO ALLOW FOR TRANSITION TO TECK CABLE FOR EXTERIOR WALL PENETRATION AND CONNECTION TO UNIT DISCONNECT.
- CORE DRILL THROUGH EXTERIOR WALL TO ALLOW FOR TECK CABLE PENETRATIONS. XRAY SCAN PRIOR TO CORE DRILLING TO AVOID REBAR AND EXISTING SERVICES. REUSE EXISTING PENETRATIONS IF POSSIBLE. FILL EXISTING CORE HOLES THAT ARE NOT REQUIRED OR NOT IN USE WITH FIRE RATED NON SHRINK WEATHERPROOF GROUT. COORDINATE EXACT LOCATION FOR PENETRATION WITH MECHANICAL PIPING TO ENSURE MINIMAL DISTURBANCE TO THE STRUCTURE AND THE OFFICE FUNCTIONALITY ON FIRST FLOOR. SEAL CONDUIT PENETRATION AROUND TECK CABLES WITH NON SHRINK WEATHERPROOF GROUT.
- SUPPLY AND INSTALL THREE (3) DUPLEX RECEPTACLES AS INDICATED COMPLETE WITH 2#12AWG + BOND IN 21mm EMT FROM RECEPTACLES TO EXISTING PANEL 'RP-RBE'. NEW RECEPTACLES TO PROVIDE POWER FOR NEW EVAPORATOR CONDENSATE PUMPS. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION



1 ELECTRICAL - PARTIAL BASEMENT LAYOUT - NEW WORK  
SCALE: 1:50



2 ELECTRICAL - PARTIAL FIRST FLOOR LAYOUT - NEW WORK  
SCALE: 1:50

CKT	Circuit Description	Tip	Poles	CB	A	B	C	CB	Poles	Tip	Circuit Description	CKT	
1	EXISTING LOAD	X	X	--	0	0		--	X	X	EXISTING LOAD	2	
3	EXISTING LOAD	X	X	--		0	0		X	X	EXISTING LOAD	4	
5	EXISTING LOAD	X	X	--	0	0	0	0	--	X	X	EXISTING LOAD	6
7	EXISTING LOAD	X	X	--	0	0			--	X	X	EXISTING LOAD	8
9	EXISTING LOAD	X	X	--		0	0		--	X	X	EXISTING LOAD	10
11	EXISTING LOAD	X	X	--			0	0	--	X	X	EXISTING LOAD	12
13	EXISTING LOAD	X	X	--	0	0			--	X	X	EXISTING LOAD	14
15	EXISTING LOAD	X	X	--		0	0		--	X	X	EXISTING LOAD	16
17	EXISTING LOAD	X	X	--			0	0	--	X	X	EXISTING LOAD	18
19	EXISTING LOAD	X	X	--	0	0			--	X	X	EXISTING LOAD	20
21	EXISTING LOAD	X	X	--		0	0		--	X	X	EXISTING LOAD	22
23	EXISTING LOAD	X	X	--			0	0	--	X	X	EXISTING LOAD	24
25	EXISTING LOAD	X	X	--	0	0			--	X	X	EXISTING LOAD	26
27	EXISTING LOAD	X	X	--		0	0		--	X	X	EXISTING LOAD	28
29	EXISTING LOAD	X	X	--			0	0	--	X	X	EXISTING LOAD	30
31	EXISTING LOAD	X	X	--	0	0			--	X	X	EXISTING LOAD	32
33	EXISTING LOAD	X	X	--		0	0		--	X	X	EXISTING LOAD	34
35	EXISTING LOAD	X	X	--			0	0	--	X	X	EXISTING LOAD	36
37	EXISTING LOAD	X	X	--	0	0			--	X	X	EXISTING LOAD	38
39	EXISTING LOAD	X	X	--		0	0		--	X	X	EXISTING LOAD	40
41	EXISTING LOAD	X	X	--			0	0	--	1	15A	RECEPTACLES FOR EVAPORATOR CONDENSATE PUMPS	42
43	CONDENSATE PUMP CP-1	15A	1	--	0	0			--		SPACE	44	
47	COOLING UNIT CU-1	50A	2	--		0	0		--		SPACE	46	
48	SPACE			--		0	0		--		SPACE	48	
49	SPACE			--	0	0			--		SPACE	50	
51	SPACE			--		0	0		--		SPACE	52	
53	SPACE			--			0	0	--		SPACE	54	
55	SPACE			--	0	0			--		SPACE	56	
57	SPACE			--			0	0	--		SPACE	58	
59	SPACE			--				0	0	--	SPACE	60	
Total Load:					0.00 kVA	0.00 kVA	0.00 kVA						
Total Amps:					0.00 Amps	0.00 Amps	0.00 Amps						

CB Legend (blank = circuit breaker):  
S = GFCI S = Shunt Trip D = Switching Duty A = AFCI H = HD Rated C = HACR Rated 1 = Existing Circuit 2 = Revised Circuit

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SCALE | ÉCHELLE

LOCATION | EMPLACEMENT  
1 YUKON LANE,  
TORONTO  
ONTARIO

PROJECT | PROJET  
DENISON ARMOURY  
CCTV UPGRADE

TRADE | MÉTIER  
Electrical  
DATE  
2021/03/26

SUBJECT | SUJET  
PARTIAL BASEMENT & FIRST FLOOR  
POWER - NEW WORK

DESIGNED   ÉTUDE	XX   XX	DES O   AGENT CONC	XX
DRAWN   DESSINÉ		PROJ MGR   GEST PROJ	XX
CHECKED   VÉRIFIÉ		DES MGR   GEST CONC	XX
COORDINATION		FIRE   INCENDIE	XX
WBS NO.   NO. ODP	TT180003	PF NO.   NO. DDP	TT180003
DWG. NO.   NO. DESSIN	TT180003 - 502		

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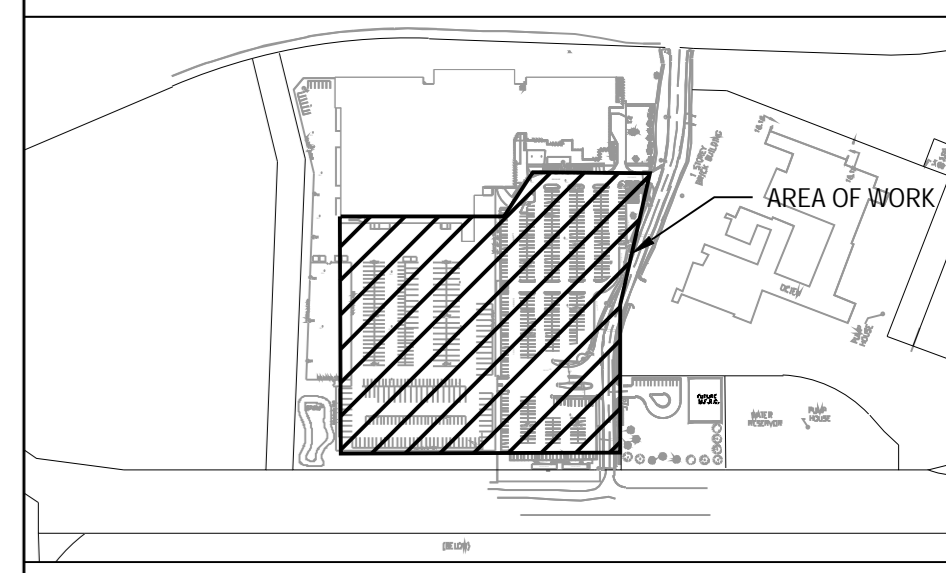
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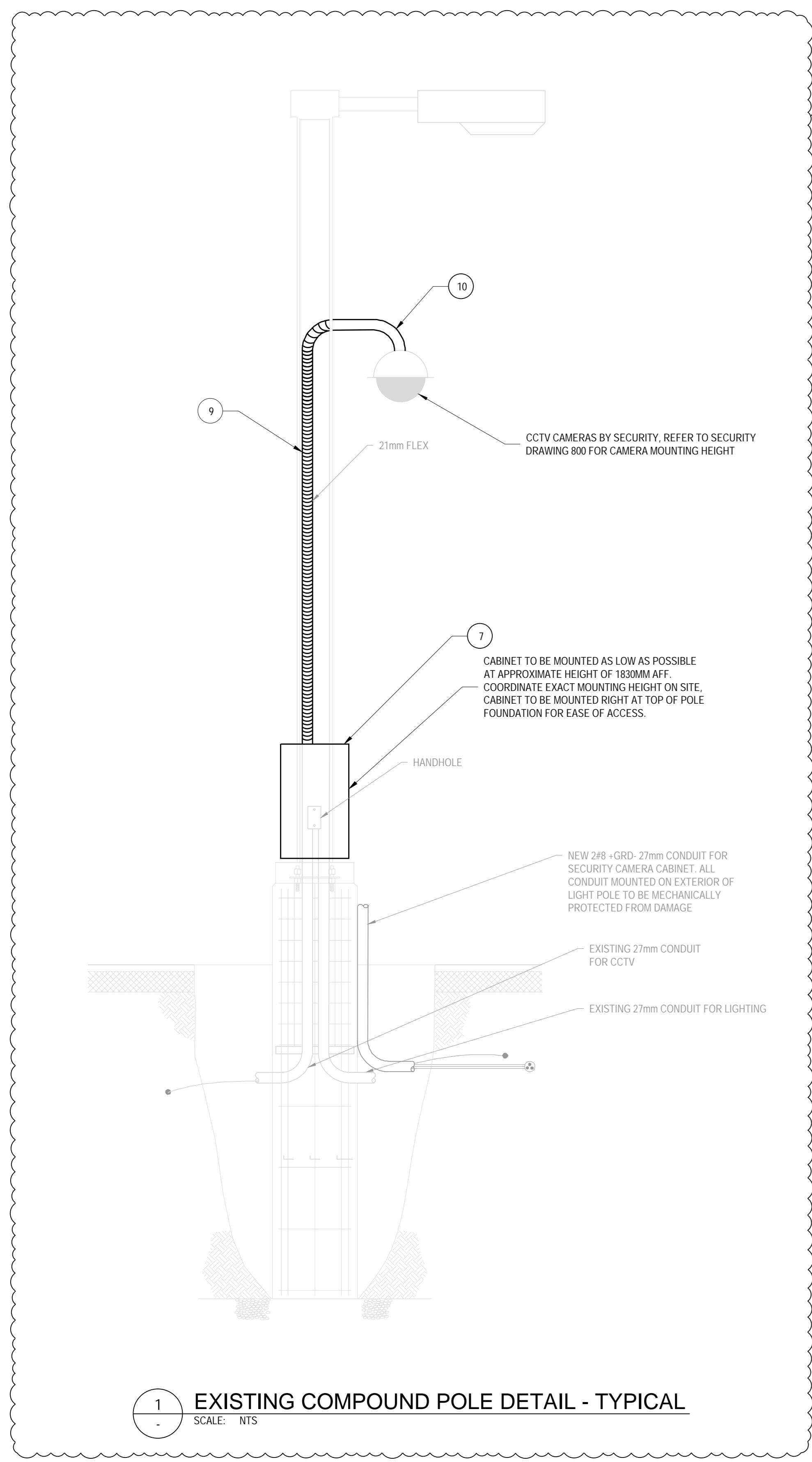
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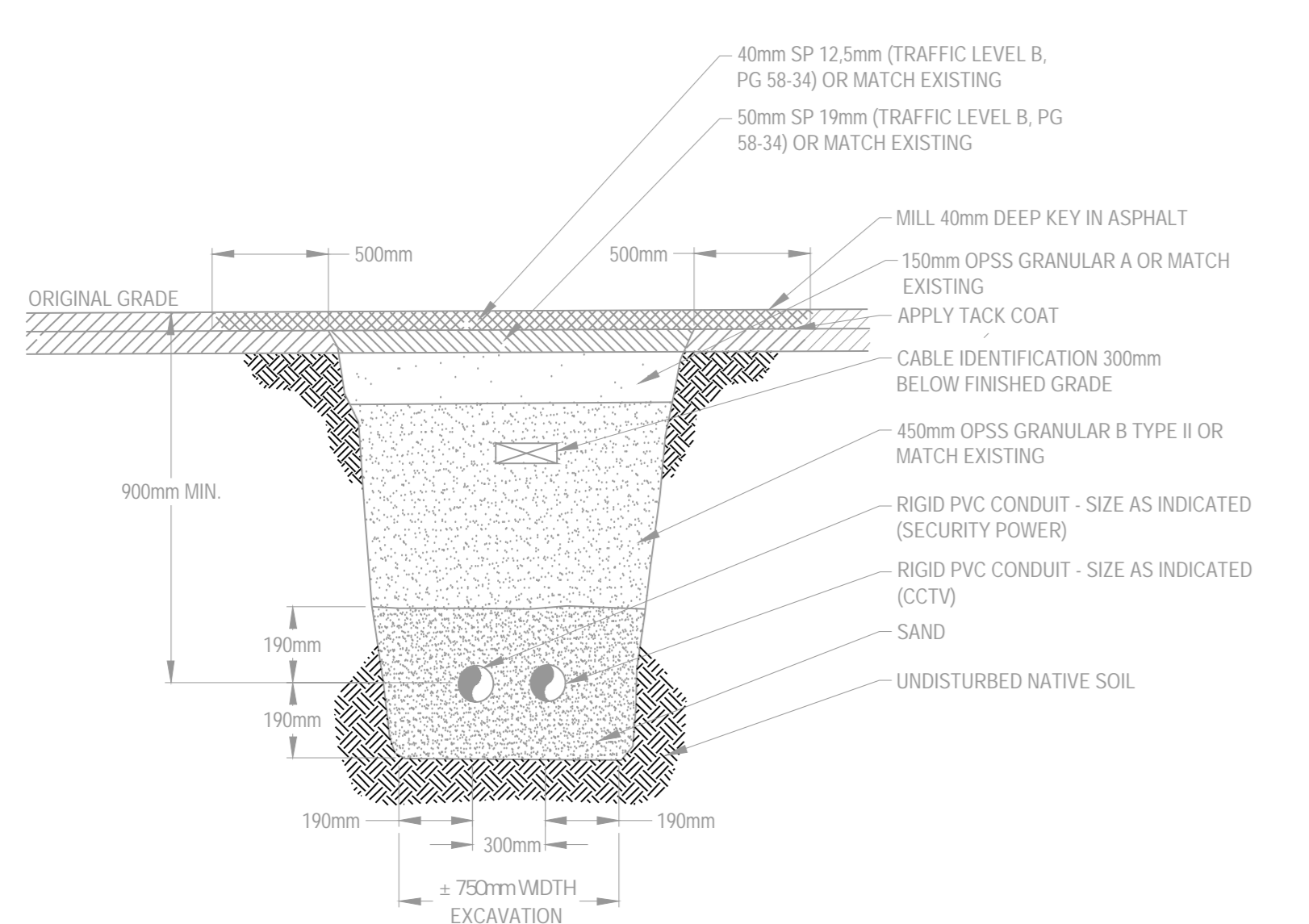


SHEET KEYNOTES

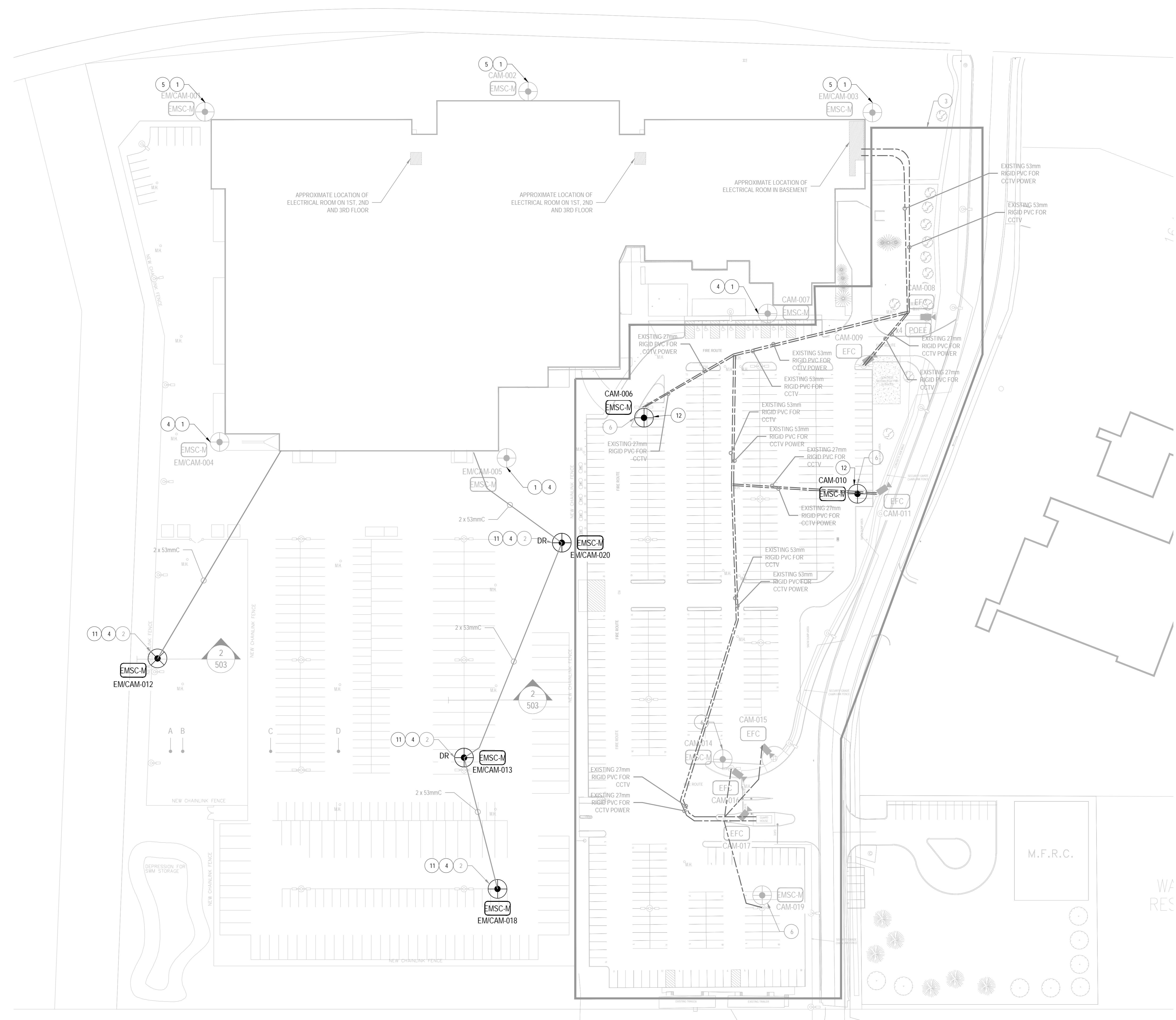
- 1 ROOF MOUNTED CAMERAS FED FROM INTERIOR OF BUILDING. REFER TO DRAWING 504 AND 507 FOR CONDUIT DETAIL.
- 2 PARKING LOT CAMERAS FED FROM INTERIOR OF BUILDING. REFER TO DRAWING 504 FOR INTERIOR CONDUIT RUN DETAIL AND REFER TO DETAIL 1003 FOR INSTALLATION DETAIL.
- 3 CONDUITS FOR NEW PARKING LOT ALREADY INSTALLED AND NOT IN SCOPE. WIRING AND DEVICES WILL BE NEW AS PER SECURITY DRAWINGS. EXISTING CONDUITS RETRIEVED FROM AS-BUILT DRAWINGS SHOWN FOR REFERENCE ONLY.
- 4 POWER TO BE FED FROM FIRST FLOOR ELECTRICAL ROOM. REFER TO DRAWING 505/506 FOR DETAIL.
- 5 POWER TO BE FED FROM THIRD FLOOR ELECTRICAL ROOM. REFER TO DRAWING 508 FOR DETAIL.
- 6 POWER TO BE FED FROM BASEMENT ELECTRICAL ROOM. REFER TO DRAWING 504 FOR DETAIL.
- 7 CONTRACTOR TO REUSE THE LOCATION OF THE SECURITY CABINET AND RELOCATE ABOVE LIGHT POLE HANDHOLE FOR EASIER ACCESSIBILITY.
- 8 TYPICAL CLOUDED AREAS ARE KNOWN AREAS TO BE CORRECTED. IF ANY LOCATIONS DOES NOT MEET CODE REQUIREMENTS, CONTRACTOR TO ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY PRIOR TO REMEDIATION.
- 9 EXISTING FLEX CONDUIT/CABLE TO BE REMOVED AND RELOCATED INSIDE LIGHT POLE. COORDINATE EXACT REQUIREMENTS ON SITE.
- 10 EXISTING CAMERA SUPPORTS TO BE REMOVED AND RELOCATED TO PROPER HEIGHT. COORDINATE EXACT REQUIREMENTS ON SITE.
- 11 THIS CAMERA REQUIRES THE CONTRACTOR TO REMOVE THE CURRENT INSTALLED COMPONENTS (CABINET, CAMERA MOUNT, CONDUITS ABOVE GRADE) AND INSTALL THE COMPONENTS AS PER DETAIL 1 SHOWN ON THIS DRAWING. THE CONTRACTOR IS TO REUSE THE CABINET AND CAMERA MOUNTS. THE CONDUIT ABOVE GRADE IS TO BE REMOVED AND REPLACED.
- 12 THE CONTRACTOR IS REQUIRED TO INSTALL THE COMPONENTS AS PER DETAIL 1 SHOWN ON THIS DRAWING.



1 EXISTING COMPOUND POLE DETAIL - TYPICAL  
SCALE: NTS



2 DIRECT BURIED CONDUIT DETAIL - TYPICAL  
SCALE: NTS



3 ELECTRICAL - SITE PLAN - NEW WORK  
SCALE: 1:500



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LOCATION | EMPLACEMENT  
1 YUKON LANE,  
TORONTO  
ONTARIO

PROJECT | PROJET  
DENISON ARMOURY  
CCTV UPGRADE

TRADE | MÉTIER  
Electrical

SUBJECT | SUJET  
SITE PLAN  
CCTV - NEW WORK

DESIGNED   ÉTUDE J. Czyszewski	REVIEWED   REVU XX   XX XX	DESIGN AGENT CONC XX
DRAWN   DESSINÉ C. McDonald		PROJ MGR   GEST PROJ XX
CHECKED   VÉRIFIÉ E. Lafleur		DES MGR   GEST CONC XX
COORDINATION X.X.		FIRE   INCENDIE X.X.
WBS NO.   NO. O/P TT180003		PF NO.   NO. O/P TT180003

DWG. NO. | NO. DESSIN  
TT180003 - 503

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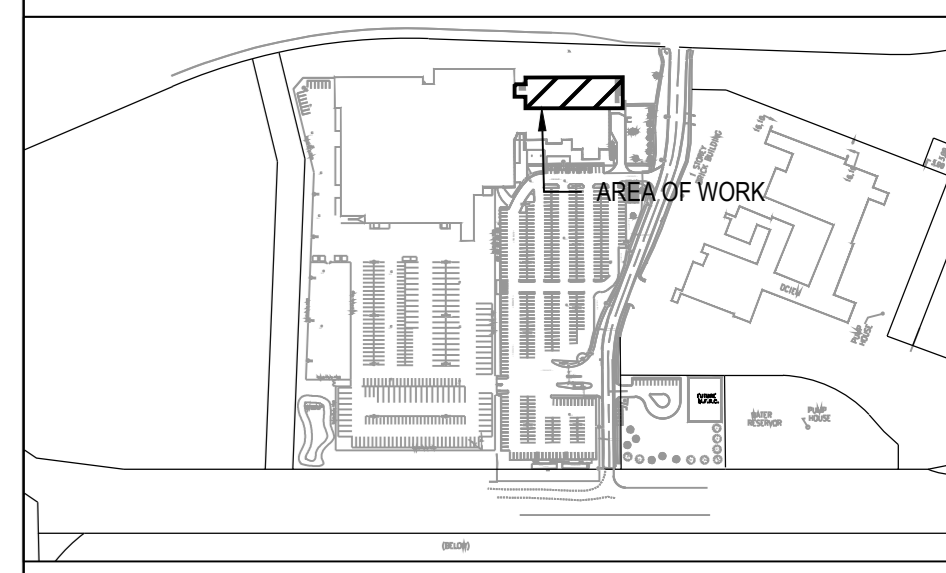
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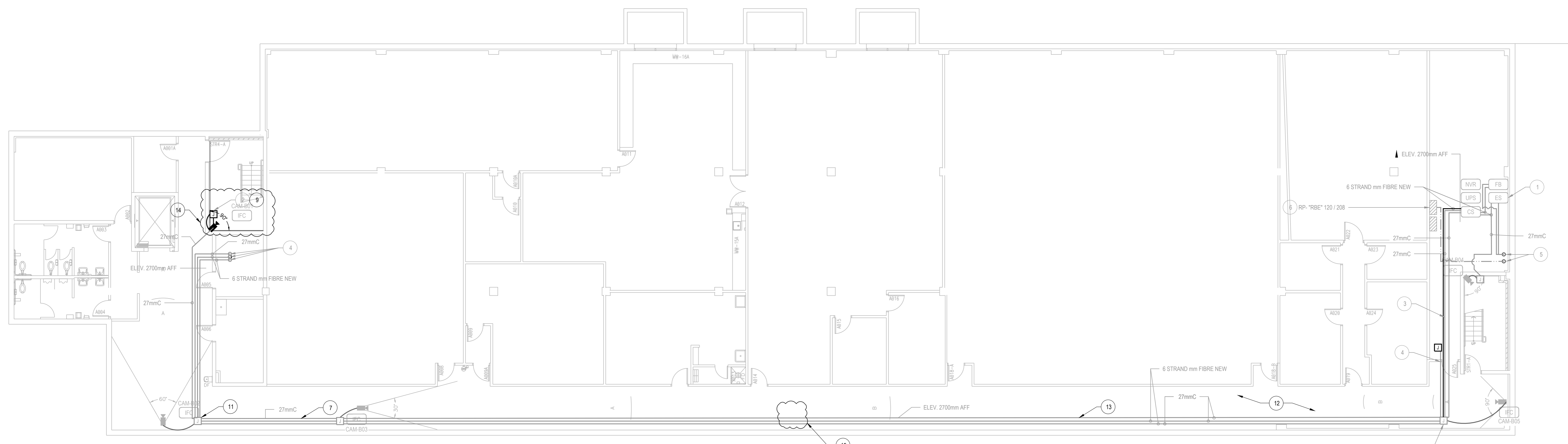
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SHEET KEYNOTES

- 1 TYPICAL CORE SWITCH, EDGE SWITCH, NETWORK VIDEO RECORDER, FIBRE OPTIC FUSION BOX, CAMERA AND CAT5 CABLES BY OTHERS, REFER TO SECURITY DRAWINGS FOR CABLE AND DEVICE REQUIREMENTS.
- 2 TYPICAL ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL 250mm X 150mm X 150mm JUNCTION BOX IN CEILING SPACE ON WALL ADJACENT TO CAMERA AND CONDUIT AS SHOWN. REFER TO SECURITY DRAWINGS FOR CAMERA LOCATIONS, INSTALLATION HEIGHTS, AND INSTALLATION DETAIL.
- 3 TYPICAL CONDUIT TO BE RUN IN DROPPED CEILING SPACE AT APPROXIMATE HEIGHT OF 2700mm AFF.
- 4 TYPICAL SCAN FLOORWALL BEFORE CORE DRILL.
- 5 APPROXIMATE LOCATION OF EXISTING CONDUITS TO NEW PARKING LOT FOR CCTV SYSTEM. REFER TO DRAWING 803 FOR EXTERIOR CONDUIT RUNS. TRANSITION TO EMT CONDUIT FOR INTERIOR CONDUIT RUNS.
- 6 SUPPLY AND INSTALL NEW 15AMP BREAKER IN EXISTING EMERGENCY PANEL. CNY 2915AWG + GND TO FEED CAMERAS IN NEW PARKING LOT. PROVIDE NEW 27mm EMT CONDUIT FROM ROOM A008 TO ROOM A025 AND TRANSITION TO EXISTING CONDUIT IN ROOM A025 TO EXTERIOR POLES. CONFIRM SPACE AVAILABLE IN EXISTING PANEL AND ANNOTATE CIRCUIT NUMBER ON AS-BUILT DRAWINGS. CONDUIT ROUTING TO BE CONFIRMED ON SITE PRIOR TO INSTALLATION.
- 7 TYPICAL CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUITS ARE LABELED WITH PLASTIC TAPE WHERE CONDUIT ENTER WALLS, CEILINGS, FLOOR AND AT 15m INTERVALS COLOUR CODING PER SPECIFICATIONS 26.06 TO SECTION 2.8.
- 8 TYPICAL CONTRACTOR TO FOLLOW ALL CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUIT INFRASTRUCTURE MEETS LATEST CODE. CLOUDED AREAS ARE KNOWN AREAS TO BE CORRECTED. IF ANY LOCATIONS DOES NOT MEET CODE REQUIREMENTS, CONTRACTOR TO ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY PRIOR TO REMEDIATION.
- 9 TYPICAL CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AND ENSURE JUNCTION BOX OPENING ARE ACCESSIBLE FOR MAINTENANCE. CONTRACTOR TO REVISE JUNCTION BOX INSTALLATION OR REPLACE JUNCTION BOX TO ACCOMMODATE.
- 10 TYPICAL CONTRACTOR TO FOLLOW AND REVIEW ALL EXISTING CONDUIT ROUTES AND EXISTING CAMERA INSTALLATIONS AS INDICATED. CONTRACTOR TO ENSURE THAT NO MORE THAN 1m (ie. ALL STAIRWELLS, HALLWAYS, ETC) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL EXPOSED CAMERA INSTALLATIONS. CONTRACTOR TO ENSURE THAT NO MORE THAN 3m (SUSPENDED CEILING INSTALLATIONS) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL CEILING MOUNTED INSTALLATIONS. CONTRACTOR TO CORRECT ALL DEFICIENCIES.
- 11 TYPICAL VISUALLY INSPECT ALL JUNCTION BOXES CONNECTED TO THE SECURITY CAMERA SYSTEM. IF ANY JUNCTION BOXES HAVE UNSEEN PUNCH OUTS THEY ARE TO BE REMOVED AND REPLACED WITH NEW INCLUDING REPELUNG OF WIRING.
- 12 TYPICAL REINSTATE ALL CEILING TILES. ANY TILES DAMAGED AS PART OF WORK OF THIS PROJECT ARE TO BE REPLACED. THE CONTRACTOR SHALL EXPECT TO REPLACE 100 CEILING TILES.
- 13 TYPICAL VISUALLY INSPECT ALL COMMUNICATIONS CONDUIT RUNS CONNECTED TO THE SECURITY CAMERA SYSTEM. THE CONTRACTOR IS TO PERFORM THE LABELLING ON ALL CONDUITS AS PER THE REQUIREMENTS OUTLINED IN THE SPECIFICATIONS. ALL EXISTING LABELLING WILL NOT TO BE REMOVED AND NEW LABELLING TO BE INSTALLED.
- 14 CONTRACTOR TO REMOVE 5M OF FLEX CONDUIT AND INSTALL NEW 4M OF EMT, JUNCTION BOX AND 1M OF FLEX CONDUIT THAT MEETS THE DESCRIBED BELOW. CONTRACTOR TO ENSURE THAT NO MORE THAN 1M (IE. ALL STAIRWELLS, HALLWAYS, ETC) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL EXPOSED CAMERA INSTALLATIONS. CONTRACTOR TO ENSURE THAT NO MORE THAN 3M (SUSPENDED CEILING INSTALLATIONS) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL CEILING MOUNTED INSTALLATIONS. CONTRACTOR TO CORRECT ALL DEFICIENCIES.
- 15 THE CURRENT CONDUIT INSTALLATION IN THE IDENTIFIED AREA WAS INSTALLED TIGHTLY AGAINST A HOT PLUMBER PIPE. THIS CONDUIT IS TO BE REMOVED AND RELOCATED TO BE INSTALLED IN A LOCATION THAT MEETS THE SPECIFICATIONS AND CODE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE 5M FROM EACH OF THE CONDUIT PRESSING AGAINST THE HOT PLUMBER PIPE.



1 ELECTRICAL - BASEMENT LAYOUT - NEW WORK  
SCALE: 1:100



04	20241114	ISSUED FOR TENDER	JC
03	20241016	ISSUED FOR TENDER	JC
02	20240418	ISSUED FOR TENDER	JC
01	20240308	ISSUED FOR 100%	JC
00	20231208	ISSUED FOR 99%	JC

NO. DATE REVISION APPR.  
SCALE | ÉCHELLE

LOCATION | EMPLACEMENT  
1 YUKON LANE,  
TORONTO  
ONTARIO

PROJECT | PROJET  
DENISON ARMOURY  
CCTV UPGRADE

TRADE | MÉTIER  
Electrical  
DATE  
2021/03/26

SUBJECT | SUJET  
BASEMENT CCTV - NEW WORK

DESIGNED   ÉTUDE	XX   XX	DES O   AGENT CONC	XX
DRAWN   DESSINÉ	J. Czyzewski	PROJ MGR   GEST PROJ	XX
CHECKED   VÉRIFIÉ	C. McDonald	DES MGR   GEST CONC	XX
COORDINATION	E. Lafleur	FIRE   INCENDIE	XX
	X.X.		X.X.

WBS NO. | NO. OTP  
TT180003

DWG. NO. | NO. DESSIN  
TT180003 - 504



REVISION LIST (UPDATED 2024-04-15) 504 1:CAD182-24-0011/Projects\_permeant/180003/24-05\_CAD/ELE/xx-xxxx-501.dwg 2024/Nov/15, 9:58am phibson@meulit

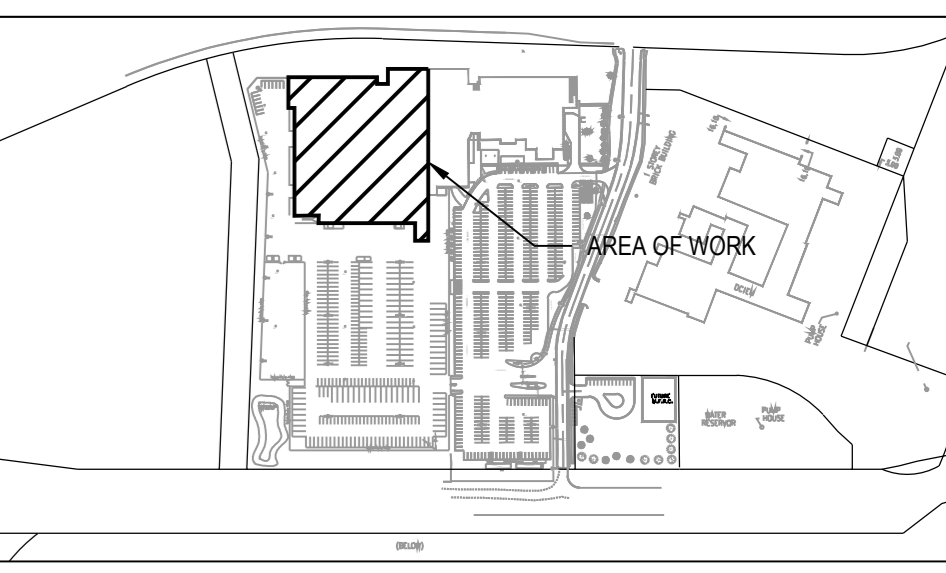
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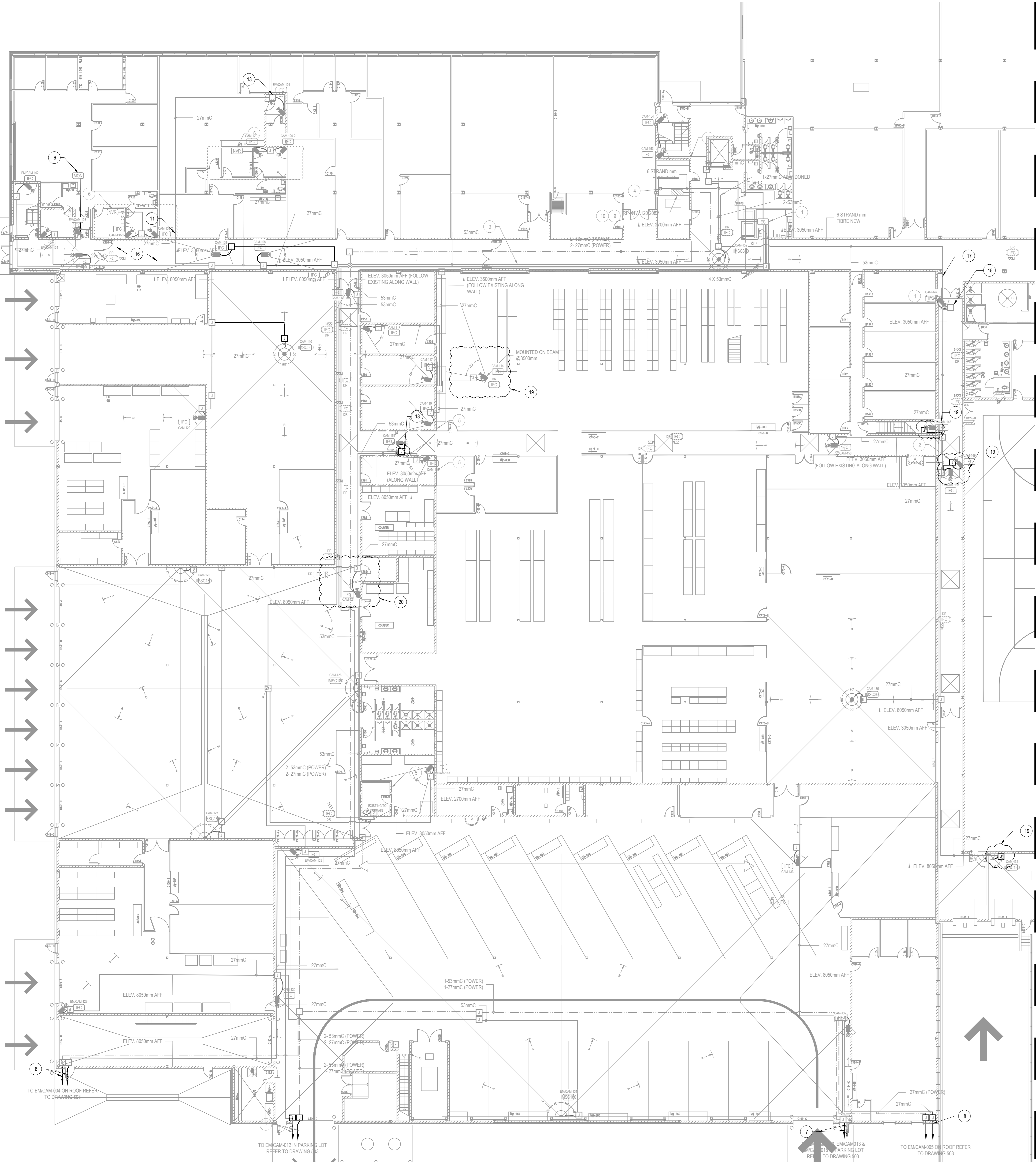
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375, Roland-Thériault Blvd. suite 400  
Longueuil (Québec) J4H 4A6  
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**SHEET KEYNOTES**

- 1 TYPICAL EDGE SWITCH, CAMERA AND CAT5 CABLES BY OTHERS, REFER TO SECURITY DRAWINGS FOR CABLE AND DEVICE REQUIREMENTS.
- 2 TYPICAL ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL 250mm X 150mm JUNCTION BOX IN CEILING SPACE ON WALL ADJACENT TO CAMERA AND CONDUIT AS SHOWN. REFER TO SECURITY DRAWINGS FOR CAMERA LOCATIONS, INSTALLATION HEIGHTS, AND INSTALLATION DETAIL.
- 3 TYPICAL CONDUIT TO BE RUN IN DROPPED CEILING SPACE AT APPROXIMATE HEIGHT OF 270mm AFF.
- 4 TYPICAL SCAN FLOORWALL BEFORE CORE DRILL.
- 5 CLASS 1 DIVISION 2 AREA, CONTRACTOR TO REUSE EXISTING PENETRATIONS, SEALS SUCH AS EYE FITTINGS SHALL BE REINSTALLED AS REQUIRED BY CODE.
- 6 STAND ALONE SYSTEM, REFER TO SECURITY DRAWINGS FOR DETAIL.
- 7 PENETRATE THROUGH WALL AT CEILING HEIGHT, ROUTE CONDUIT ALONG EXTERIOR WALL TRAIL TO DUCT PRIOR TO ENTERING TRENCH. REFER TO DRAWING 303 FOR EXTERIOR CONDUIT RUNS.
- 8 TYPICAL SCAN WALL BEFORE CORE DRILL. REFER TO SECURITY DRAWINGS FOR ROOF MOUNTED CAMERA INSTALLATION DETAIL.
- 9 SUPPLY AND INSTALL NEW 15A/1P BREAKER IN EXISTING EMERGENCY PANEL CW 2810AWG + GND - 27mmC TO FEED CAMERAS ON ROOF. CONFIRM SPACE AVAILABLE IN EXISTING PANEL AND ANNOTATE CIRCUIT NUMBER ON AS-BUILT DRAWINGS. CONDUIT ROUTING TO BE CONFIRMED ON SITE PRIOR TO INSTALLATION.
- 10 SUPPLY AND INSTALL NEW 15A/1P BREAKER IN EXISTING EMERGENCY PANEL CW 2810AWG + GND - 53mmC TO FEED IN EXISTING PARKING LOT. CONFIRM SPACE AVAILABLE IN EXISTING PANEL AND ANNOTATE CIRCUIT NUMBER ON AS-BUILT DRAWINGS. CONDUIT ROUTING TO BE CONFIRMED ON SITE PRIOR TO INSTALLATION.
- 11 TYPICAL CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUITS ARE LABELED WITH PLASTIC TAPE WHERE CONDUIT ENTER WALLS, CEILINGS, FLOOR AND AT 15m INTERVALS COLOUR CODING PER SPECIFICATIONS 26 06 00 SECTION 2.8
- 12 TYPICAL CONTRACTOR TO FOLLOW ALL CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUIT INFRASTRUCTURE MEETS LATEST CODE. CLOUDED AREAS ARE KNOWN AREAS TO BE CORRECTED, IF ANY LOCATIONS DOES NOT MEET CODE REQUIREMENTS, CONTRACTOR TO ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY PRIOR TO REMEDIATION.
- 13 TYPICAL CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AND ENSURE JUNCTION BOX OPENING ARE ACCESSIBLE FOR MAINTENANCE. CONTRACTOR TO REVISE JUNCTION BOX INSTALLATION OR REPLACE JUNCTION BOX TO ACCOMMODATE
- 14 TYPICAL CONTRACTOR TO FOLLOW AND REVIEW ALL EXISTING CONDUIT ROUTES AND EXISTING CAMERA INSTALLATIONS AS INDICATED. CONTRACTOR TO ENSURE THAT NO MORE THAN 1m (ie. ALL STAIRWELLS, HALLWAYS, ETC.) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL EXPOSED CAMERA INSTALLATIONS. CONTRACTOR TO ENSURE THAT NO MORE THAN 3m (SUSPENDED CEILING INSTALLATIONS) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL CEILING MOUNTED INSTALLATIONS. CONTRACTOR TO CORRECT ALL DEFICIENCIES.
- 15 TYPICAL VISUALLY INSPECT ALL JUNCTION BOXES CONNECTED TO THE SECURITY CAMERA SYSTEM. IF ANY JUNCTION BOXES HAVE UNUSED PUNCH OUTS THEY ARE TO BE REMOVED AND REPLACED WITH NEW INCLUDING REPELLING OF WIRING.
- 16 TYPICAL REINSTATE ALL CEILING TILES. ANY TILES DAMAGED AS PART OF WORK OF THIS PROJECT ARE TO BE REPLACED. THE CONTRACTOR SHALL EXPECT TO REPLACE 100 CEILING TILES.
- 17 TYPICAL VISUALLY INSPECT ALL COMMUNICATIONS CONDUIT RUNS CONNECTED TO THE SECURITY CAMERA SYSTEM. THE CONTRACTOR IS TO PERFORM THE LABELLING ON ALL CONDUITS AS PER THE REQUIREMENTS OUTLINED IN THE SPECIFICATIONS. ALL EXISTING LABELLING WILL NOT TO BE REMOVED AND NEW LABELLING TO BE INSTALLED.
- 18 JUNCTION BOXES ARE NOT TO HAVE ANY PUNCH OUTS THAT ARE NOT BEING USED BY CONDUITS. THIS JUNCTION BOX IS KNOWN TO HAVE A PUNCH OUT THAT IS NOT FILLED WITH A CONDUIT AND IS REQUIRED TO BE REPLACED.
- 19 CONTRACTOR TO REMOVE 5M OF FLEX CONDUIT AND INSTALL NEW 4M OF EMT, JUNCTION BOX AND 1M OF FLEX CONDUIT THAT MEETS THE DESCRIBED BELOW. CONTRACTOR TO ENSURE THAT NO MORE THAN 1M (IE. ALL STAIRWELLS, HALLWAYS, ETC.) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL EXPOSED CAMERA INSTALLATIONS. CONTRACTOR TO ENSURE THAT NO MORE THAN 3M (SUSPENDED CEILING INSTALLATIONS) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL CEILING MOUNTED INSTALLATIONS. CONTRACTOR TO CORRECT ALL DEFICIENCIES.
- 20 THE CONTRACTOR IS TO REPLACE THE JUNCTION BOX BECAUSE THE EXISTING JUNCTION BOX ORIENTATION HAS THE BOX DOOR OPENING DOWN WHICH MAKES IT DIFFICULT TO SERVICE. DUE TO NO PUNCHOUTS ALLOWED IN JUNCTION BOXES, THE CONTRACTOR IS TO REPLACE THIS JUNCTION BOX WITH A NEW JUNCTION BOX AND FULL BACK CABLES AND RE-INSTALL.



1 ELECTRICAL - PARTIAL FIRST FLOOR LAYOUT - NEW WORK  
SCALE: 1:150



NO.	DATE	REVISION	APPR.
04	2024/11/14	ISSUED FOR TENDER	JC
03	2024/10/16	ISSUED FOR TENDER	JC
02	2024/04/18	ISSUED FOR TENDER	JC
01	2024/03/08	ISSUED FOR 100%	JC
00	2023/12/08	ISSUED FOR 99%	JC

LOCATION | EMBLEMMENT  
1 YUKON LANE,  
TORONTO  
ONTARIO

PROJECT | PROJET  
**DENISON ARMOURY  
CCTV UPGRADE**

TRADE | MÉTIER  
**Electrical**

DATE  
**2021/03/26**

SUBJECT | SUJET  
**PARTIAL FIRST FLOOR CCTV - NEW WORK (1 OF 2)**

PRODUCTION	DESIGNED   ÉTUDE	REVIEWED   REVU	DESIGN AGENT CONC
J. Czyzewski	J. Czyzewski	XX / XX	XX
C. McDonald	C. McDonald	XX / XX	XX
E. Lafleur	E. Lafleur	XX / XX	XX
COORDINATION	COORDINATION	XX / XX	XX
WBS NO.   NO. O.T.P.	FF NO.   NO. D.P.	TT180003	

DWG. NO. | NO. DESSIN  
**TT180003 - 505**



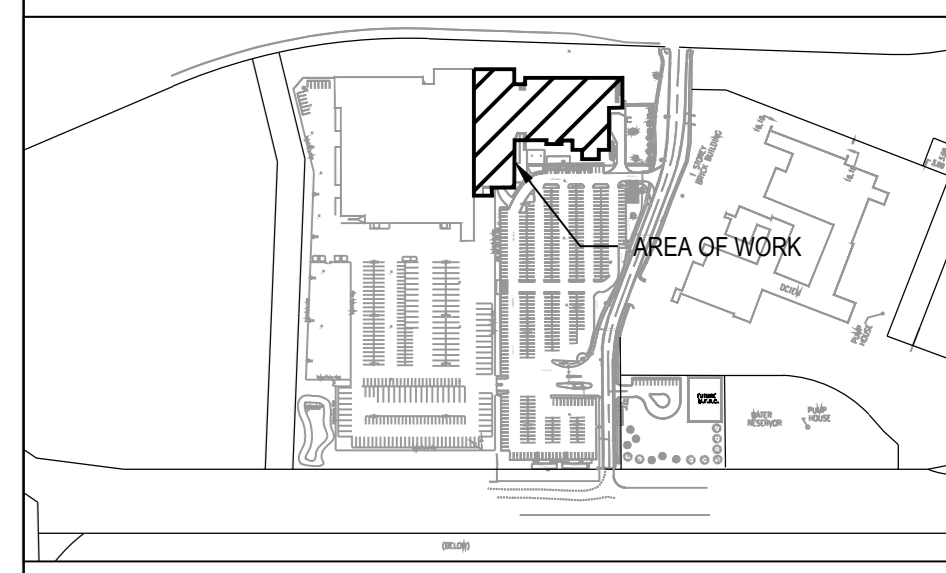
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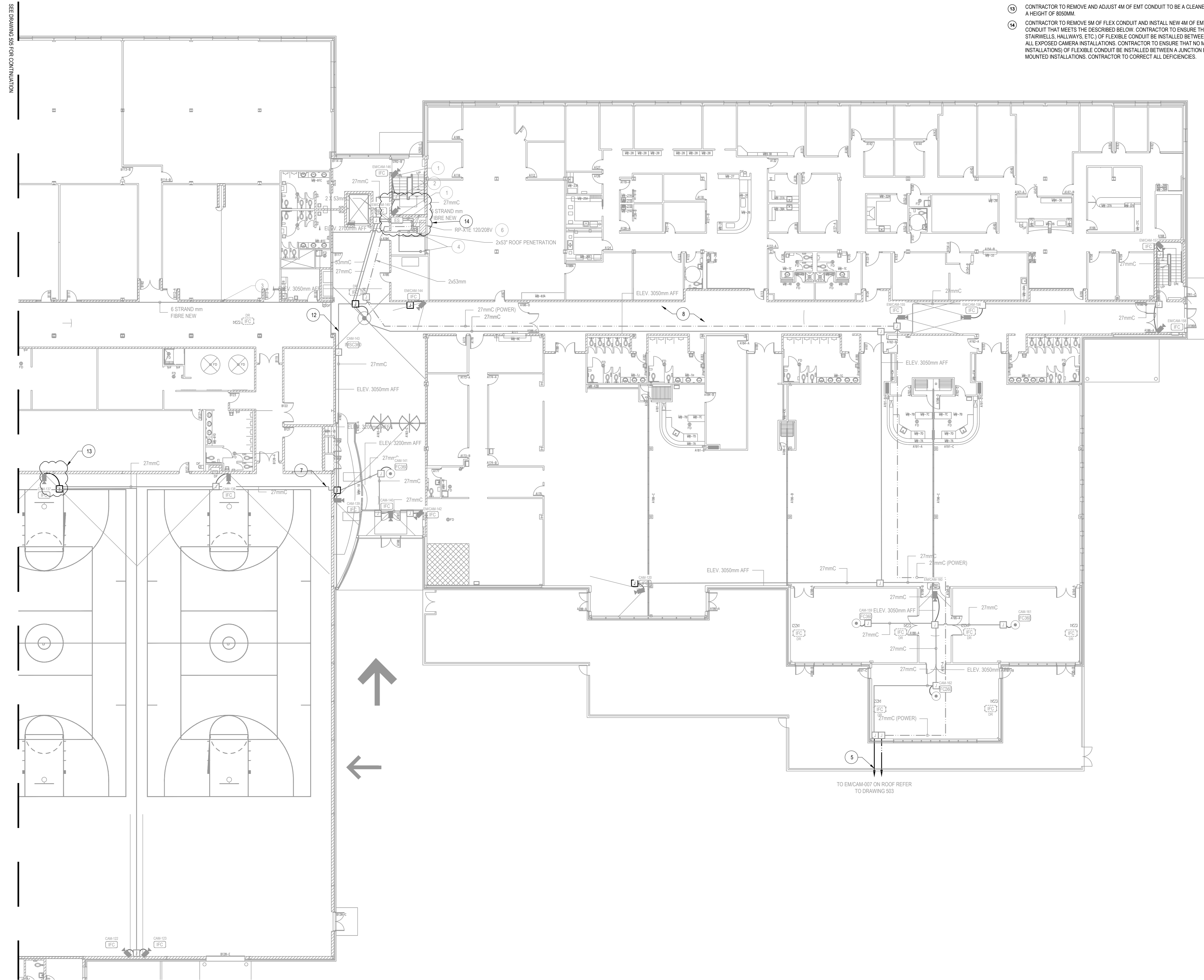
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- 5 TYPICAL SCAN WALL BEFORE CORE DRILL. REFER TO SECURITY DRAWINGS FOR ROOF MOUNTED CAMERA INSTALLATION DETAIL.
- 6 SUPPLY AND INSTALL NEW 15A/1P BREAKER IN EXISTING EMERGENCY PANEL CW 2R15AWG - GND- 27mmC TO FEED CAMERAS ON ROOF. CONFIRM SPACE AVAILABLE IN EXISTING PANEL AND ANNOTATE CIRCUIT NUMBER ON AS-BUILT DRAWINGS. CONDUIT ROUTING TO BE CONFIRMED ON SITE PRIOR TO INSTALLATION.
- 7 TYPICAL CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUITS ARE LABELED WITH PLASTIC TAPE WHERE CONDUIT ENTERS WALLS, CEILINGS, FLOOR AND AT 15m INTERVALS. COLOUR CODING PER SPECIFICATIONS 26 05 00 SECTION 2.8
- 8 TYPICAL REINSTATE ALL CEILING TILES. ANY TILES DAMAGED AS PART OF WORK OF THIS PROJECT ARE TO BE REPLACED. THE CONTRACTOR SHALL EXPECT TO REPLACE 100 CEILING TILES.
- 9 TYPICAL CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AND ENSURE JUNCTION BOX OPENING ARE ACCESSIBLE FOR MAINTENANCE. CONTRACTOR TO REVISE JUNCTION BOX INSTALLATION OR REPLACE JUNCTION BOX TO ACCOMMODATE.
- 10 TYPICAL CONTRACTOR TO FOLLOW AND REVIEW ALL EXISTING CONDUIT ROUTES AND EXISTING CAMERA INSTALLATIONS AS INDICATED. CONTRACTOR TO ENSURE THAT NO MORE THAN 1m (ie. ALL STAIRWELLS, HALLWAYS, ETC.) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL EXPOSED CAMERA INSTALLATIONS. CONTRACTOR TO ENSURE THAT NO MORE THAN 3m (SUSPENDED CEILING INSTALLATIONS) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL CEILING MOUNTED INSTALLATIONS. CONTRACTOR TO CORRECT ALL DEFICIENCIES.
- 11 TYPICAL VISUALLY INSPECT ALL JUNCTION BOXES CONNECTED TO THE SECURITY CAMERA SYSTEM. IF ANY JUNCTION BOXES HAVE UNUSED PUNCH OUTS THEY ARE TO BE REMOVED AND REPLACED WITH NEW INCLUDING REPELING OF WIRING.
- 12 TYPICAL VISUALLY INSPECT ALL COMMUNICATIONS CONDUIT RUNS CONNECTED TO THE SECURITY CAMERA SYSTEM. THE CONTRACTOR IS TO PERFORM THE LABELLING ON ALL CONDUITS AS PER THE REQUIREMENTS OUTLINED IN THE SPECIFICATIONS. ALL EXISTING LABELLING WILL NOT TO BE REMOVED AND NEW LABELLING TO BE INSTALLED.
- 13 CONTRACTOR TO REMOVE AND ADJUST 4M OF EMT CONDUIT TO BE A CLEANER INSTALLATION. THIS CONDUIT IS AT A HEIGHT OF 800MM.
- 14 CONTRACTOR TO REMOVE 5M OF FLEX CONDUIT AND INSTALL NEW 4M OF EMT, JUNCTION BOX AND 1M OF FLEX CONDUIT THAT MEETS THE DESCRIBED BELOW. CONTRACTOR TO ENSURE THAT NO MORE THAN 1M (IE. ALL STAIRWELLS, HALLWAYS, ETC.) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL EXPOSED CAMERA INSTALLATIONS. CONTRACTOR TO ENSURE THAT NO MORE THAN 3M (SUSPENDED CEILING INSTALLATIONS) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL CEILING MOUNTED INSTALLATIONS. CONTRACTOR TO CORRECT ALL DEFICIENCIES.



1 ELECTRICAL - PARTIAL FIRST FLOOR LAYOUT - NEW WORK  
SCALE: 1:150



04	2024/11/14	ISSUED FOR TENDER	JC
03	2024/10/15	ISSUED FOR TENDER	JC
02	2024/04/18	ISSUED FOR TENDER	JC
01	2024/03/08	ISSUED FOR 100%	JC
00	2023/12/08	ISSUED FOR 99%	JC
NO.	DATE	REVISION	APPR.

SCALE | ÉCHELLE

LOCATION | EMPLACEMENT  
1 YUKON LANE,  
TORONTO  
ONTARIO

PROJECT | PROJET  
**DENISON ARMOURY  
CCTV UPGRADE**

TRADE | MÉTIER  
**Electrical**

DATE  
2021/03/26

SUBJECT | SUJET  
**PARTIAL FIRST FLOOR  
CCTV - NEW WORK (2 OF 2)**

DESIGNED   ÉTUDE	XX / XX	DESIGNED / AGENT CONC	XX
DRAWN   DESSINÉ		PROJ MGR   GEST PROJ	XX
CHECKED   VÉRIFIÉ		DES MGR   GEST CONC	XX
COORDINATION		FIRE / INCENDIE	XX

WBS NO. | NO. ODP  
TT180003

DWG. NO. | NO. DESSIN  
TT180003 - 506



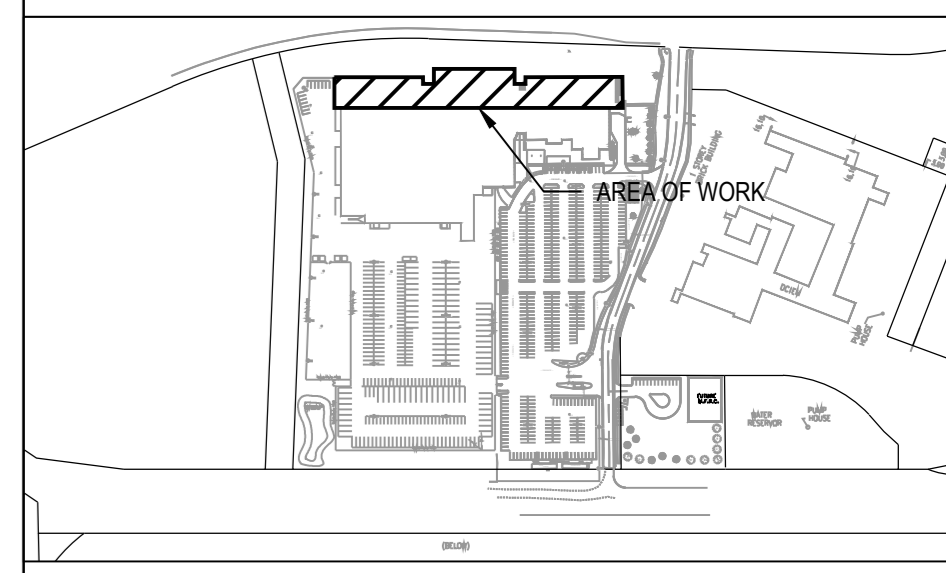
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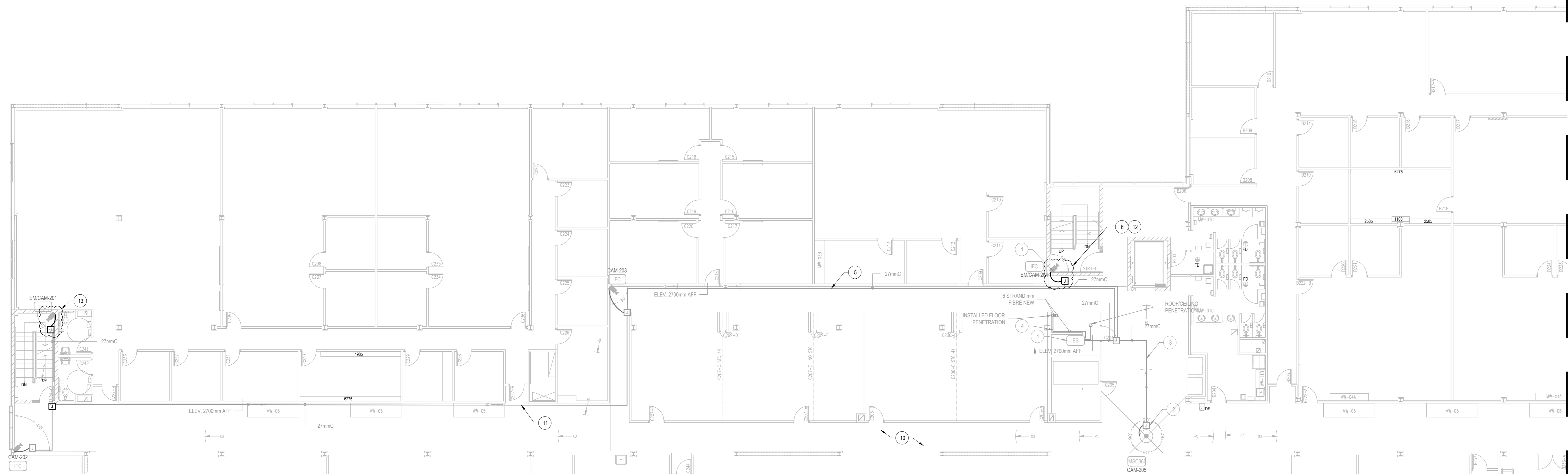
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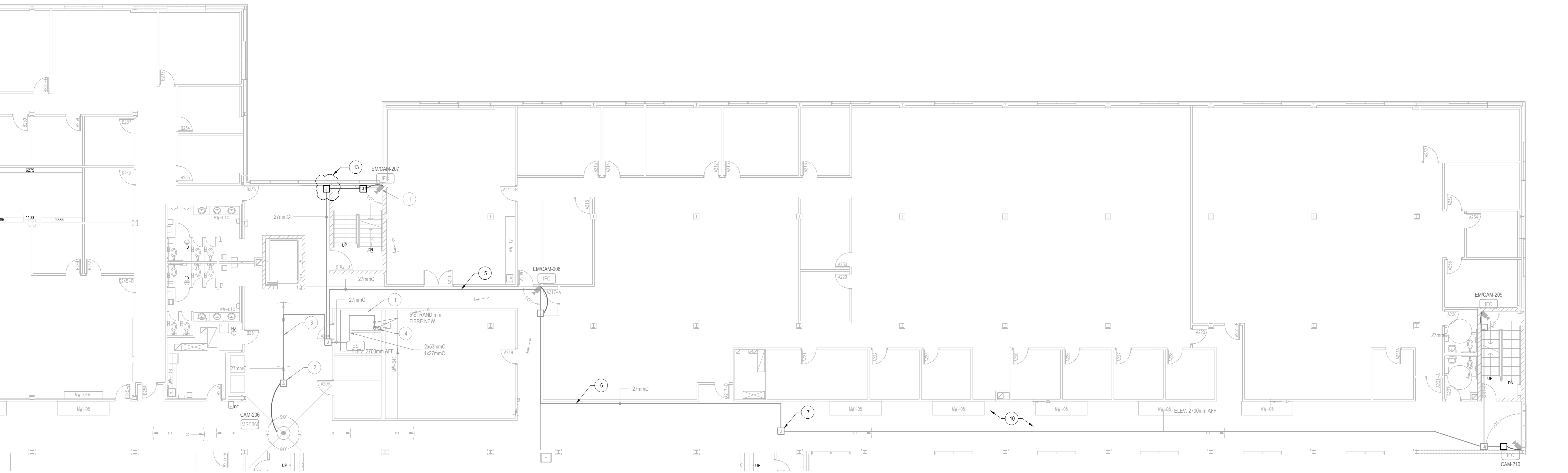


**SHEET KEYNOTES**

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- 3 TYPICAL: CONDUIT TO BE RUN IN DROPPED CEILING SPACE AT APPROXIMATE HEIGHT OF 2700mm AFF.
- 4 TYPICAL: SCAN FLOOR/WALL BEFORE CORE DRILL.
- 5 TYPICAL: CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUITS ARE LABELED WITH PLASTIC TAPE WHERE CONDUIT ENTER WALLS, CEILINGS, FLOOR AND AT 15m INTERVALS. COLOUR CODING PER SPECIFICATIONS 26 05 00 SECTION 2.8
- 6 TYPICAL: CONTRACTOR TO FOLLOW ALL CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUIT INFRASTRUCTURE MEETS LATEST CODE. CLOUDED AREAS ARE KNOWN AREAS TO BE CORRECTED. IF ANY LOCATIONS DOES NOT MEET CODE REQUIREMENTS, CONTRACTOR TO ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY PRIOR TO REMEDIATION.
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- 9 TYPICAL: VISUALLY INSPECT ALL JUNCTION BOXES CONNECTED TO THE SECURITY CAMERA SYSTEM. IF ANY JUNCTION BOXES HAVE UNKIND PUNCH-OUTS THEY ARE TO BE REMOVED AND REPLACED WITH NEW INCLUDING REPEATING OF WIRING.
- 10 TYPICAL: REINSTATE ALL CEILING TILES. ANY TILES DAMAGED AS PART OF WORK OF THIS PROJECT ARE TO BE REPLACED. THE CONTRACTOR SHALL EXPECT TO REPLACE 100 CEILING TILES.
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- 12 THE FLEX CONDUIT IS INSTALLED BUT NOT CONNECTED TO THE CAMERA. THE CONTRACTOR IS REQUIRED TO DRILL THROUGH THE CMU WALL AND CONNECT THE FLEX CONDUIT AND CABLE TO THE CABLE WITHIN THE STAIRWELL. ALL PENETRATIONS THROUGH A WALL REQUIRE THE APPROPRIATE GAP FILLER.



1 ELECTRICAL - PARTIAL SECOND FLOOR LAYOUT - NEW WORK  
SCALE: 1/100



2 ELECTRICAL - PARTIAL SECOND FLOOR LAYOUT - NEW WORK  
SCALE: 1/100



04	20241114	ISSUED FOR TENDER	JC
03	20241015	ISSUED FOR TENDER	JC
02	20240418	ISSUED FOR TENDER	JC
01	20240308	ISSUED FOR 100%	JC
00	20231208	ISSUED FOR 99%	JC

NO. DATE REVISION APPR.

SCALE | ÉCHELLE

LOCATION | EMPLACEMENT  
1 YUKON LANE,  
TORONTO  
ONTARIO

PROJECT | PROJET  
DENISON ARMOURY  
CCTV UPGRADE

TRADE | MÉTIER  
Electrical

DATE  
2021/03/26

SUBJECT | SUJET  
PARTIAL SECOND FLOOR  
CCTV - NEW WORK

DESIGNED   ÉTUDE	XX   XX	DES O   AGENT CONC	XX
DRAWN   DESSINÉ		PROJ MGR   GEST PROJ	XX
CHECKED   VÉRIFIÉ		DES MGR   GEST CONC	XX
COORDINATION		FIRE   INCENDIE	XX
X.X.			

WBS NO. | NO. OTP  
TT180003

PF NO. | NO. DEP  
TT180003

DWG. NO. | NO. DESSIN  
TT180003 - 507

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TO BE REVIEWED / À ÊTRE RÉVISÉ

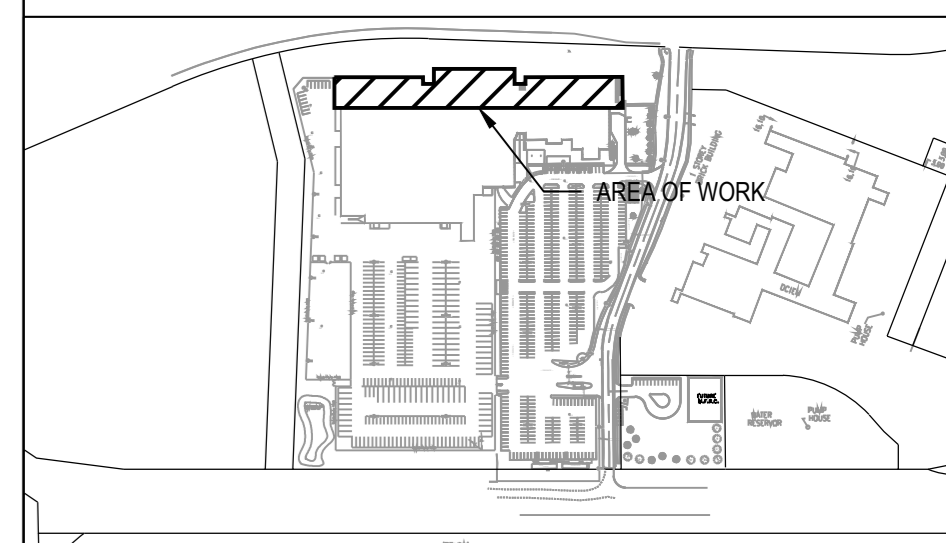
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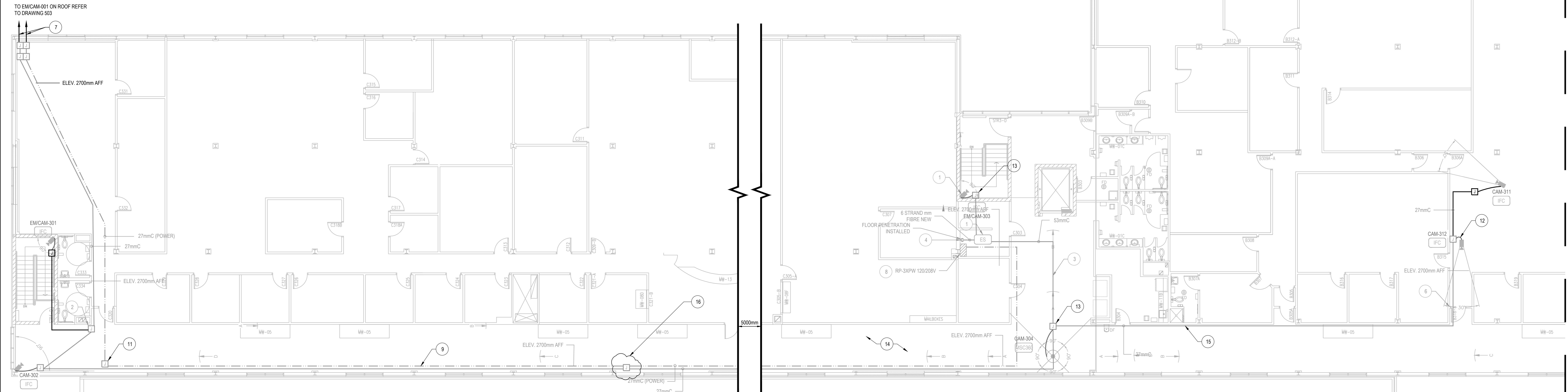
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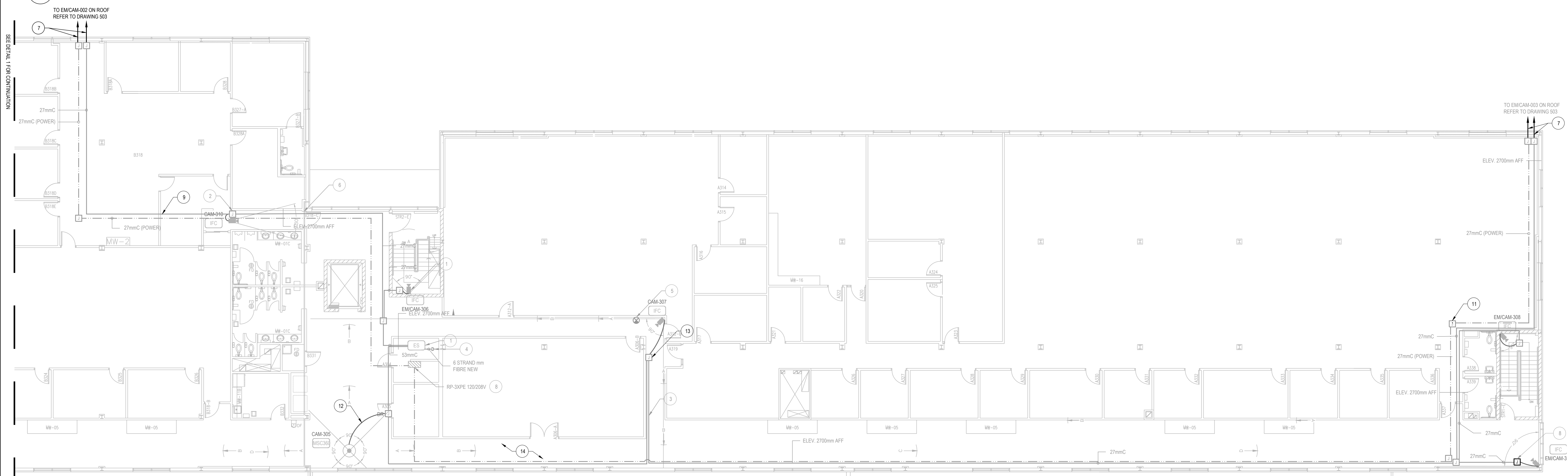
SHEET KEYNOTES

- 1 TYPICAL: EDGE SWITCH, CAMERA AND CAT5 CABLES BY OTHERS, REFER TO SECURITY DRAWINGS FOR CABLE AND DEVICE REQUIREMENTS.
- 2 TYPICAL: ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL 250mm X 250mm X 150mm JUNCTION BOX IN CEILING SPACE ON WALL ADJACENT TO CAMERA AND CONDUIT AS SHOWN. REFER TO SECURITY DRAWINGS FOR CAMERA LOCATIONS, INSTALLATION HEIGHTS, AND INSTALLATION DETAIL.
- 3 TYPICAL: CONDUIT TO BE RUN IN DROPPED CEILING SPACE AT APPROXIMATE HEIGHT OF 2700mm AFF.
- 4 TYPICAL: SCAN FLOOR/WALL BEFORE CORE DRILL.
- 5 EXISTING EXIT SIGN TO BE RELOCATED TO ACCOMMODATE CAMERA INSTALLATION. COORDINATE EXACT REQUIREMENTS ON SITE.
- 6 MESH IN WALL SCAN WALL PRIOR TO CORE DRILLING.
- 7 TYPICAL: SCAN WALL BEFORE CORE DRILL. REFER TO SECURITY DRAWINGS FOR ROOF MOUNTED CAMERA INSTALLATION DETAIL.
- 8 SUPPLY AND INSTALL NEW 15A/1P BREAKER IN EXISTING EMERGENCY PANEL C/W 240VAC + GND-27mmC TO FEED CAMERAS ON ROOF. CONFIRM SPACE AVAILABLE IN EXISTING PANEL AND ANNOTATE CIRCUIT NUMBER ON AS-BUILT DRAWINGS. CONDUIT ROUTING TO BE CONFIRMED ON SITE PRIOR TO INSTALLATION.

- 9 TYPICAL: CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUITS ARE LABELED WITH PLASTIC TAPE WHERE CONDUIT ENTER WALLS, CEILINGS, FLOOR AND AT 15m INTERVALS COLOUR CODING PER SPECIFICATIONS 26 05 00 SECTION 2.8
- 10 TYPICAL: CONTRACTOR TO FOLLOW ALL CONDUIT ROUTES AS INDICATED AND ENSURE ALL CONDUIT INFRASTRUCTURE MEETS LATEST CODE. CLOUTED AREAS ARE KNOWN AREAS TO BE CORRECTED. IF ANY LOCATIONS DOES NOT MEET CODE REQUIREMENTS, CONTRACTOR TO ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY PRIOR TO REMEDIATION.
- 11 TYPICAL: CONTRACTOR TO FOLLOW ALL EXISTING CONDUIT ROUTES AND ENSURE JUNCTION BOX OPENING ARE ACCESSIBLE FOR MAINTENANCE. CONTRACTOR TO REVISE JUNCTION BOX OR REPLACE JUNCTION BOX TO ACCOMMODATE.
- 12 TYPICAL: CONTRACTOR TO FOLLOW AND REVIEW ALL EXISTING CONDUIT ROUTES AND EXISTING CAMERA INSTALLATIONS AS INDICATED. CONTRACTOR TO ENSURE THAT NO MORE THAN 1m (ie: ALL STAIRWELLS, HALLWAYS, ETC) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL EXPOSED CAMERA INSTALLATIONS. CONTRACTOR TO ENSURE THAT NO MORE THAN 3m (SUSPENDED CEILING INSTALLATIONS) OF FLEXIBLE CONDUIT BE INSTALLED BETWEEN A JUNCTION BOX AND CAMERA FOR ALL CEILING MOUNTED INSTALLATIONS. CONTRACTOR TO CORRECT ALL DEFICIENCIES.
- 13 TYPICAL: VISUALLY INSPECT ALL JUNCTION BOXES CONNECTED TO THE SECURITY CAMERA SYSTEM. IF ANY JUNCTION BOXES HAVE UNUSED PUNCH OUTS THEY ARE TO BE REMOVED AND REPLACED WITH NEW INCLUDING REPELLING OF WIRING.
- 14 TYPICAL: REINSTATE ALL CEILING TILES. ANY TILES DAMAGED AS PART OF WORK OF THIS PROJECT ARE TO BE REPLACED. THE CONTRACTOR SHALL EXPECT TO BE REPLACED 100 CEILING TILES.
- 15 TYPICAL: VISUALLY INSPECT ALL COMMUNICATIONS CONDUIT RUNS CONNECTED TO THE SECURITY CAMERA SYSTEM. THE CONTRACTOR IS TO PERFORM THE LABELLING ON ALL CONDUITS AS PER THE REQUIREMENTS OUTLINED IN THE SPECIFICATIONS. ALL EXISTING LABELLING WILL NOT BE REMOVED AND NEW LABELLING TO BE INSTALLED.
- 16 THE CONTRACTOR IS TO REPLACE THE JUNCTION BOX BECAUSE THE EXISTING JUNCTION BOX ORIENTATION HAS THE BOX DOOR OPENING DOWN WHICH MAKES IT DIFFICULT TO SERVICE. DUE TO NO PUNCHOUTS ALLOWED IN JUNCTION BOXES, THE CONTRACTOR IS TO REPLACE THIS JUNCTION BOX WITH A NEW JUNCTION BOX AND PULL BACK CABLES AND RE-INSTALL.



1 ELECTRICAL - PARTIAL THIRD FLOOR LAYOUT - NEW WORK  
SCALE: 1:100



2 ELECTRICAL - PARTIAL THIRD FLOOR LAYOUT - NEW WORK  
SCALE: 1:100



NO.	DATE	REVISION	APPR.
04	2024/11/14	ISSUED FOR TENDER	JC
03	2024/10/15	ISSUED FOR TENDER	JC
02	2024/04/18	ISSUED FOR TENDER	JC
01	2024/03/08	ISSUED FOR 100%	JC
00	2023/12/08	ISSUED FOR 99%	JC

SCALE | ÉCHELLE

LOCATION | EMPLACEMENT  
1 YUKON LANE,  
TORONTO  
ONTARIO

PROJECT | PROJET  
DENISON ARMOURY  
CCTV UPGRADE

TRADE | MÉTIER  
Electrical  
DATE  
2021/03/26

SUBJECT | SUJET  
PARTIAL THIRD FLOOR  
CCTV - NEW WORK

PRODUCTION	REVIEWED   REVU	DESIGN AGENT CONC
DESIGNED   ÉTUDE J. Czyzewski	XX   XX XX	XX
DRAWN   DESSINÉ C. Modonati		PROJ MGR   GEST PROJ XX
CHECKED   VÉRIFIÉ E. Laffeur		DES MGR   GEST CONC XX
COORDINATION X.X.		FIRE   INCENDIE XX

WBS NO. | NO. OTP  
TT180003

DWG. NO. | NO. DESSIN  
TT180003 - 508