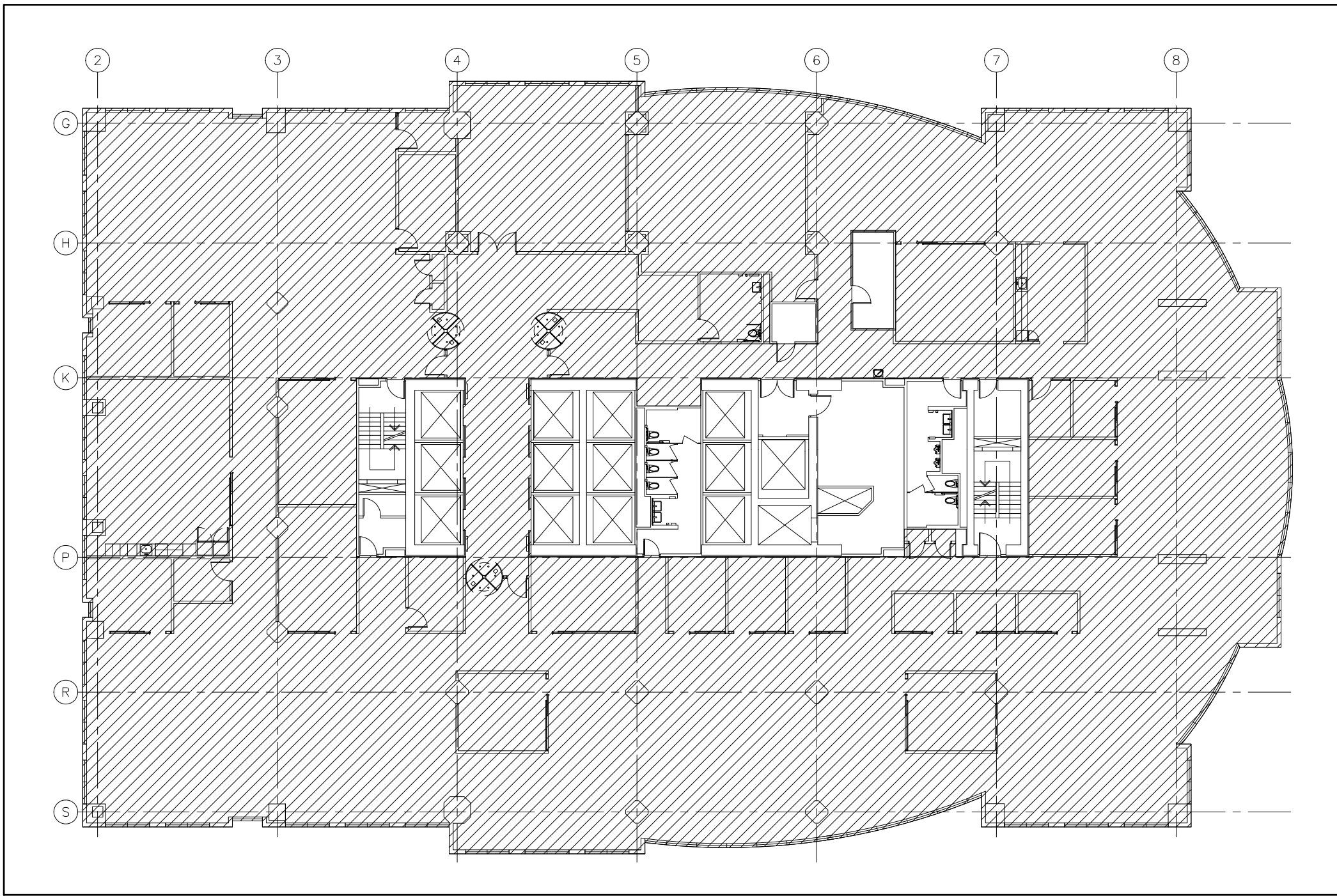


CITY OF TORONTO

Metro Hall Cyber Command Centre

55 JOHN STREET,
TORONTO, ONTARIO



KEY PLAN
AREA IN CONTRACT

CONTENT

ELECTRICAL DRAWINGS

ISSUED FOR

RE-PERMIT/TENDER

DATE

JULY 31, 2024

FILE No.

AE-24047-DRAW-E001-E006-R01

DRAWING LIST			
DRAWING NUMBER	DESCRIPTION	DRAWING SCALE:	PLOTTING SCALE:
E001	KEYPLAN, DRAWING LIST	N.T.S.	1"=0"=1'-0"
E002	PROPOSED LIGHTING LAYOUT, LEGEND, NOTES, LUMINAIRE SCHEDULE	1/8"=1'-0"	1"=0"=1'-0"
E003	PROPOSED POWER LAYOUT, LEGEND, NOTES, DETAILS	AS NOTED	1"=0"=1'-0"
E004	PANEL SCHEDULES, DOOR DETAILS	AS NOTED	1"=0"=1'-0"
E005	LIGHTING DEMOLITION LAYOUT, LEGEND, DEMOLITION SPECIFICATION	1/8"=1'-0"	1"=0"=1'-0"
E006	POWER DEMOLITION LAYOUT, LEGEND	1/8"=1'-0"	1"=0"=1'-0"

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interior design

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mail@infra-structure.com

NOTES:

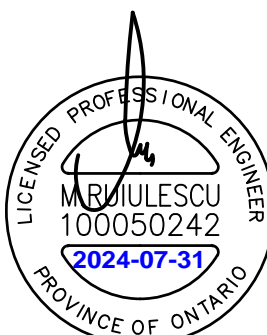
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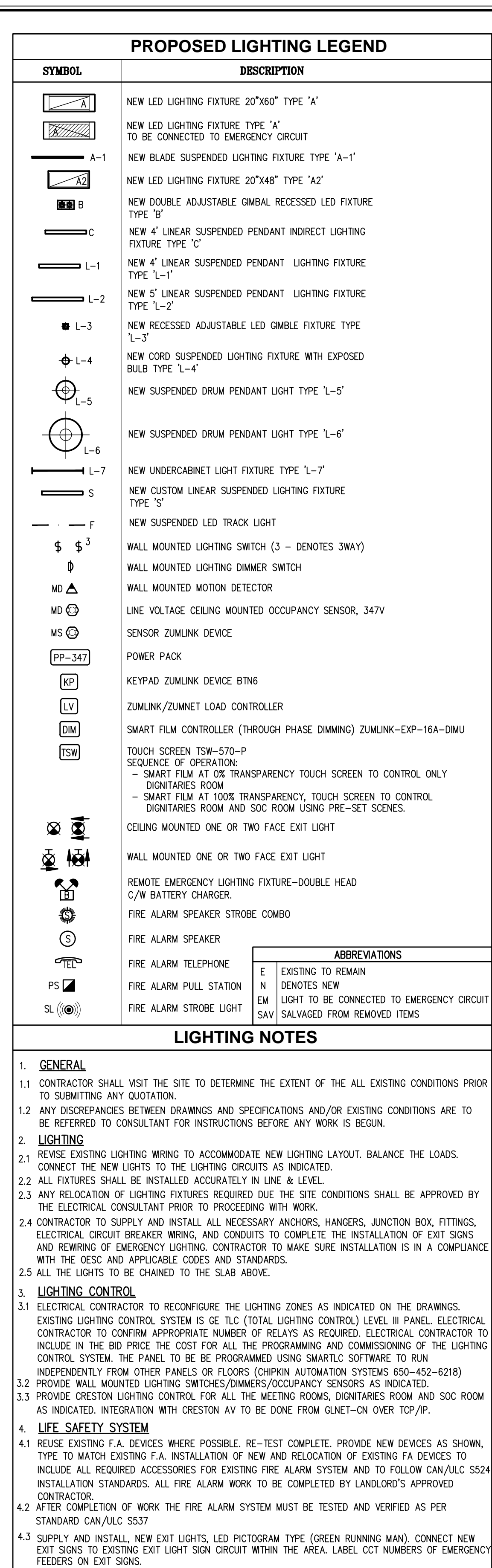
R01	RE-ISSUED FOR PERMIT/TENDER	2024-07-31
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NO	ISSUED	YY.MM.DD

Client:
CITY OF TORONTO
CYBER COMMAND CENTRE
55 JOHN STREET
12TH FLOOR
TORONTO, ONTARIO
M5V 3C6

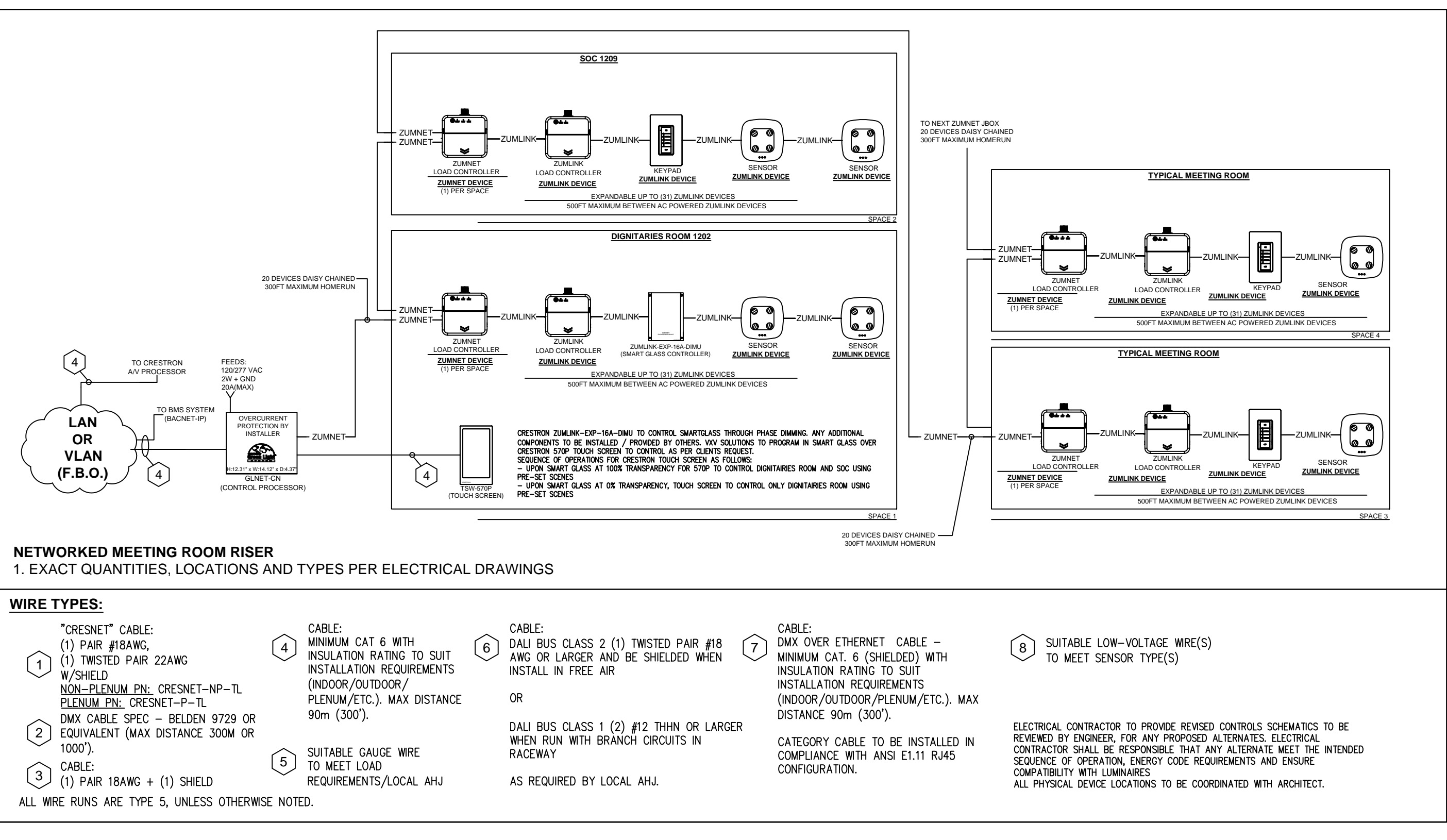
Drawing Title:
KEYPLAN, DRAWING LIST


Scale: **N.T.S.**
Proj. No: **24025**
Date: **ARP.22.2024**
Designed By: **S.M.**
Checked By: **S.S.**
Code: **24025**
Drawing No: **E001**





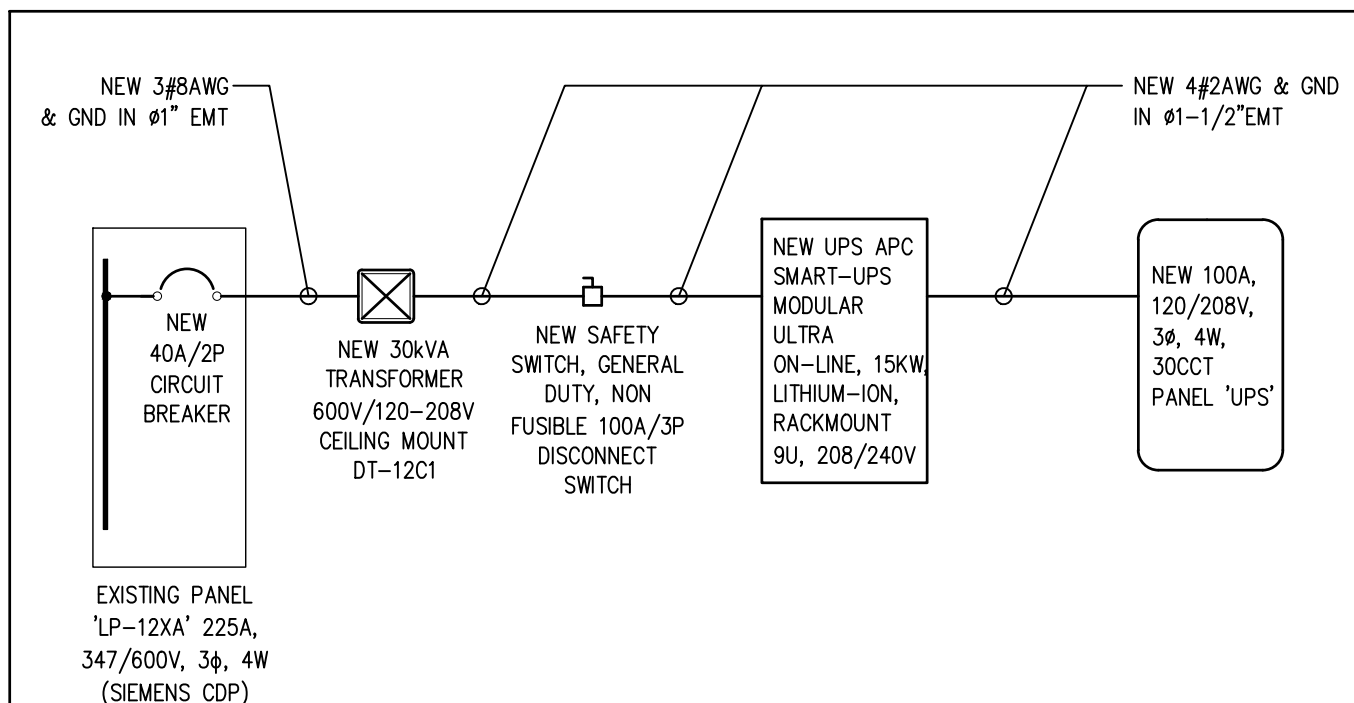
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Drawing Title:	
PROPOSED LIGHTING LAYOUT LEGEND, NOTES, LUMINAIRE SCHEDULE	
Scale:	1/8"=1'-0"
Proj. No:	24025
Date:	ARP.22.2024
Designed By:	S.M.
Checked By:	S.S.
Code:	24025
Drawing No:	E002 ASCI/E1 - 30x42
	

EXISTING PANEL 'LP12LA' 347/800V, 3ø, 4W (SIEMENS CDP)		MAINS: MOUNTING:	225 AMPS SURFACE	LOCATION: 12TH FLOOR ELECTRICAL ROOM 12C21
DESCRIPTION	LOAD kW	BKR SIZE	CIRCUITS	DESCRIPTION
LIGHTING	20A	1	2	LIGHTING
LIGHTING	20A	3	4	LIGHTING
LIGHTING	20A	5	6	LIGHTING
LIGHTING	20A	7	8	LIGHTING
LIGHTING	20A	9	10	LIGHTING
LIGHTING	20A	11	12	LIGHTING
LIGHTING	20A	13	14	LIGHTING
	- 15	16	-	
	- 17	18	-	
	- 19	20	-	
	- 21	22	-	
	- 23	24	20A	EXISTING LOAD
	- 25	26	60A	
	- 27	28	3P	TRANSFORMER DT-12A
	- 29	30	3P	
TOTAL				TOTAL

NEW PANEL 'UPS' 120/208V, 1ø, 3W		MAINS: MOUNTING:	100 AMPS SURFACE	LOCATION: 12TH FLOOR HUB ROOM 1208
DESCRIPTION	LOAD kW	BKR SIZE	CIRCUITS	DESCRIPTION
REVOLVING DOOR 1	15A	1	2	RECEP. AREA 1210
REVOLVING DOOR 2	15A	3	4	RECEP. AREA 1210
REVOLVING DOOR 3	15A	5	6	RECEP. AREA 1211
RECEP. ROOM 1209	15A	7	8	RECEP. AREA 1211
RECEP. ROOM 1209	15A	9	10	RECEP. AREA 1211
RECEP. ROOM 1209	15A	11	12	RECEP. AREA 1211
RECEP. ROOM 1209	15A	13	14	SMART GLASS TX
RECEP. ROOM 1209	15A	15	16	RECEP. 1260
RECEP. ROOM 1209	15A	17	18	RECEP. 1260
TV ROOM 1209	15A	19	20	IT RACK ROOM 1260
TV ROOM 1209	15A	21	22	WASHROOM KIT
TV ROOM 1209	15A	23	24	SPARE
TV ROOM 1209	15A	25	26	CONDENSATE PUMP
TV ROOM 1202	15A	27	28	15A
ROOM 1202	15A	29	30	2P
RECEP. 1260	15A	31	32	FAN COIL FOR FORENSICS RM 1260
RECEP. 1260	15A	33	34	20A
	- 35	36	20A	IT RACK ROOM 1208
	- 37	38	-	
	- 39	40	-	
	- 41	42	-	
TOTAL				TOTAL



5 PARTIAL SINGLE LINE DIAGRAM
E004 SCALE: N.T.S.

EXISTING PANEL 'RP12RB' 120/208V, 3ø, 4W (ITE NLAB442L)		MAINS: MOUNTING:	225 AMPS SURFACE	LOCATION: 12TH FLOOR ELECTRICAL ROOM 12C19
DESCRIPTION	LOAD kW	BKR SIZE	CIRCUITS	DESCRIPTION
EXISTING LOAD	15A	1	2	RECEP. AREA 1221
RECEP. 1217, 1218	15A	3P	4	RECEP. AREA 1221
RECEP. 1217, 1218	15A	5	6	RECEP. AREA 1221
RECEP. 1219, 1220	15A	7	8	RECEP. AREA 1221
RECEP. 1219, 1220	15A	9	10	RECEP. AREA 1225
RECEP. 1219, 1220	15A	11	12	RECEP. AREA 1225
RECEP. 1227, 1228	15A	13	14	RECEP. AREA 1225
RECEP. 1227, 1228	15A	15	16	RECEP. AREA 1225
RECEP. 1226, 1229	15A	17	18	RECEP. AREA 1225
RECEP. 1226, 1229	15A	19	20	RECEP. AREA 1225
EXISTING LOADS/SPARES	15A	21	22	CONVENIENCE RECEP.
	15A	23	24	
	15A	25	26	15A
	15A	27	28	15A
	15A	29	30	15A
	15A	31	32	15A
	15A	33	34	15A
	15A	35	36	15A
	15A	37	38	15A
	15A	39	40	15A
	15A	41	42	15A
TOTAL				TOTAL

MAGLOCK INSTALLATION NOTES

LOCKING, LATCHING AND OTHER FASTENING DEVICES ON EVERY EXISTING DOOR SHALL PERMIT THE DOOR TO BE READILY OPENED FROM THE INSIDE WITH NOT MORE THAN ONE RELEASING OPERATION AND WITHOUT REQUIRING KEY, SPECIAL DEVICES OR SPECIALIZED KNOWLEDGE OF THE DOOR OPENING MECHANISM.

IF A DOOR IS EQUIPPED WITH A LATCHING MECHANISM, A DEVICE THAT WILL RELEASE THE LATCH AND ALLOW THE DOOR TO SWING WIDE OPEN WHEN A FORCE OF NOT MORE THAN 90 N IF APPLIED TO THE DEVICE IN THE DIRECTION OF TRAVEL TO THE EXIT SHALL BE INSTALLED ON:

(a) EVERY EXIT DOOR FROM A FLOOR AREA CONTAINING AN OCCUPANCY HAVING AN OCCUPANT LOAD MORE THAN 100,

(b) EVERY DOOR LEADING TO AN EXIT LOBBY FROM AN EXIT STAIR SHAFT, AND EVERY EXTERIOR DOOR LEADING FROM AN EXIT STAIR SHAFT IN A BUILDING HAVING AN OCCUPANT LOAD MORE THAN 100, AND

EVERY EXIT DOOR SHALL BE DESIGNED AND INSTALLED SO THAT, WHEN THE LATCH IS RELEASED, THE DOOR WILL OPEN UNDER A FORCE OF NOT MORE THAN 90 N, APPLIED AT THE KNOB OR OTHER LATCH RELEASING DEVICE.

ELECTROMAGNETIC LOCKS THAT DO NOT INCORPORATE LATCHES, PINS OR OTHER SIMILAR DEVICES TO KEEP THE DOOR IN THE CLOSED POSITION ARE PERMITTED TO BE INSTALLED ON EXIT DOORS OTHER THAN DOORS DESCRIBED IN NOTE (5), PROVIDED:

THE BUILDING IS EQUIPPED WITH A FIRE ALARM SYSTEM NOTE.

THE LOCKING DEVICE, AND ALL SIMILAR DEVICE IN THE ACCESS TO EXIT LEADING TO THE EXIT DOOR, ARE INSTALLED AS AUXILIARY DEVICES TO THE FIRE ALARM SYSTEM AND RELEASE IMMEDIATELY UPON ACTIVATION OF:

THE LOCKING DEVICE RELEASED IMMEDIATELY UPON LOSS OF POWER TO THE FIRE ALARM CONTROL PANEL OR LOSS OF POWER CONTROLLING THE ELECTROMAGNETIC LOCKING MECHANISM AND ITS ASSOCIATED AUXILIARY CONTROLS.

THE LOCKING DEVICE RELEASED IMMEDIATELY UPON ACTUATION OF A MANUALLY OPERATED SWITCH READILY ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL AND LOCATED NEAR THE MAIN ENTRANCE OF THE BUILDING OR IN THE CENTRAL ALARM AND CONTROL FACILITY.

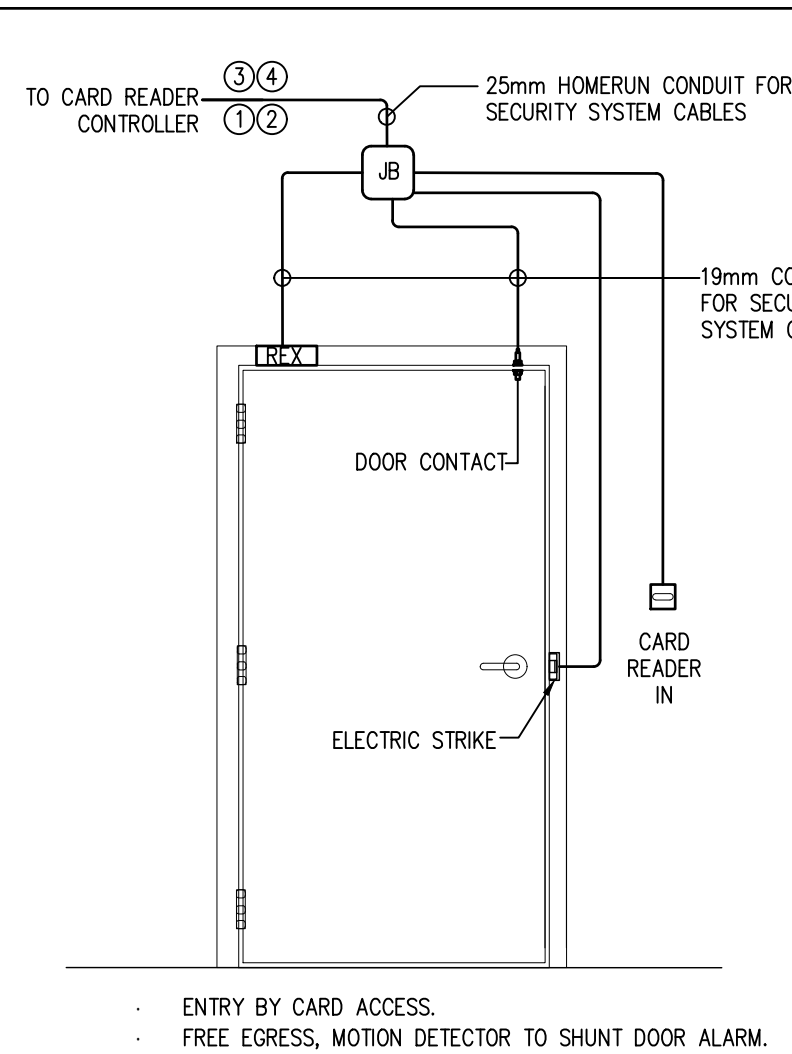
THE LOCKING DEVICE RELEASED IMMEDIATELY UPON A FAULT BEING DETECTED IN THE ELECTRICAL CIRCUIT BETWEEN THE FIRE ALARM CONTROL PANEL AND THE CONTROLLER OF THE LOCKING DEVICE.

THE LOCKING DEVICE RELEASED IMMEDIATELY UPON THE OPERATION OF A MANUAL PULL STATION FOR THE FIRE ALARM SYSTEM LOCATED ON THE WALL NOT MORE THAN 600 mm FROM THE DOOR.

A LEGIBLE SIGN HAVING THE WORDS EMERGENCY EXIT UNLOCKED BY FIRE ALARM IS PERMANENTLY MOUNTED ON THE DOOR, THE LETTERING ON THE SIGN REQUIRED IN CLAUSE (g) IS AT LEAST 25 mm HIGH WITH A 5 mm STROKE.

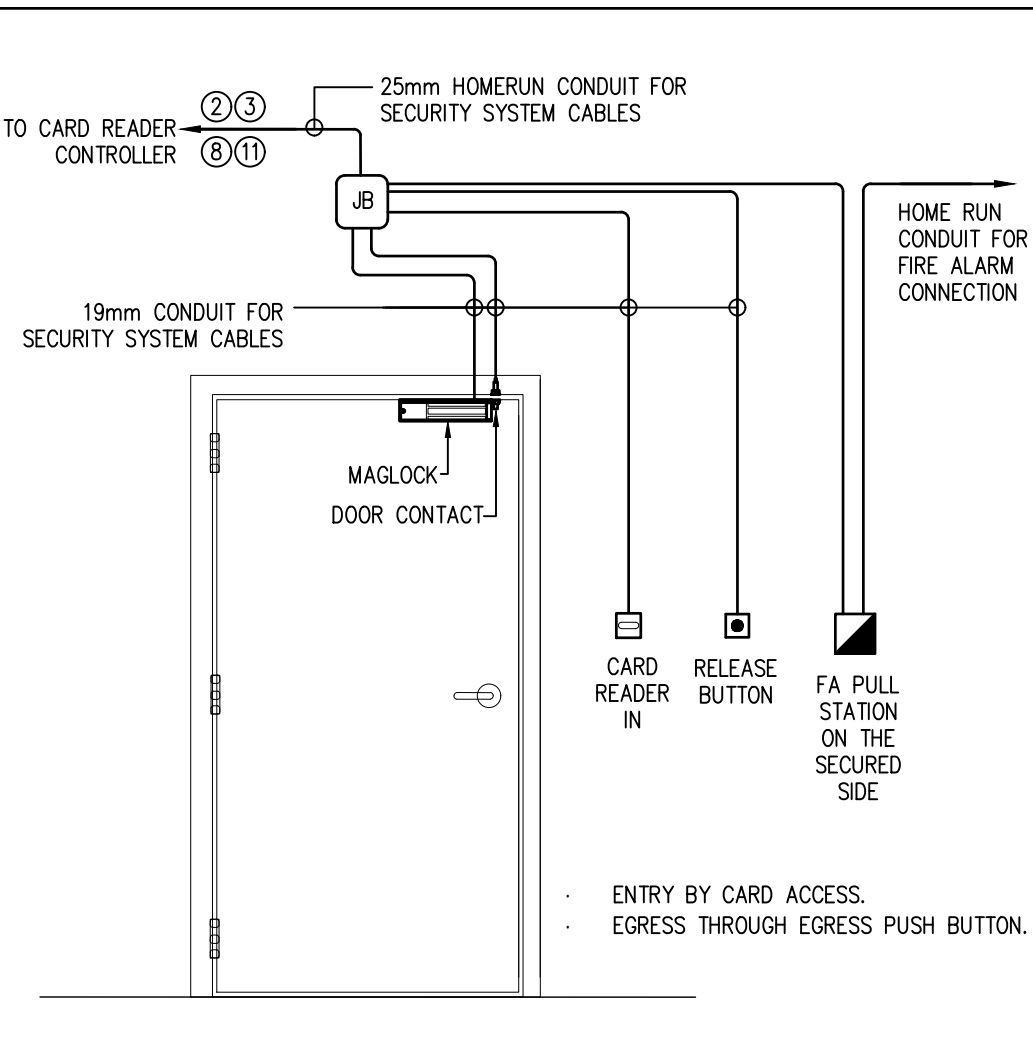
THE OPERATION OF ANY BY-PASS SWITCH, WHERE PROVIDED FOR TESTING OF THE FIRE ALARM SYSTEM, CAUSES AN AUDIBLE SIGNAL AND A VISUAL SIGNAL TO BE INDICATED AT THE FIRE ALARM ANNUNCIATOR PANEL AND AT THE MONITORING STATION.

EMERGENCY LIGHTING IS PROVIDED AT THE DOORS.



MINIMUM CABLE SIZING CHART		
DEVICE	CABLE LEGEND	GUAGE & NUMBER OF PAIRS
ELECTRIC STRIKE	①	#18 - 6 CONDUCTOR
DOOR CONTACT	②	#20 - 4 CONDUCTOR
CARD READER	③	#20 - 8 CONDUCTOR (SHIELDED)
REX MOTION DETECTOR	④	#18 - 4 CONDUCTOR
MAG-LOCK	⑤	#18 - 2 PAIR
DOOR RELEASE BUTTON/KEYSWITCH	⑥	#18 - 1 PAIR

ELECTRICAL CONTRACTOR TO PROVIDE APPROPRIATE WIRING BASED ON INDIVIDUAL DOOR DISTANCES FROM ASSOCIATED EQUIPMENT ROOMS, AND TO VERIFY EXACT WIRING REQUIREMENTS WITH MANUFACTURER AND TO MATCH SITE CONDITIONS.



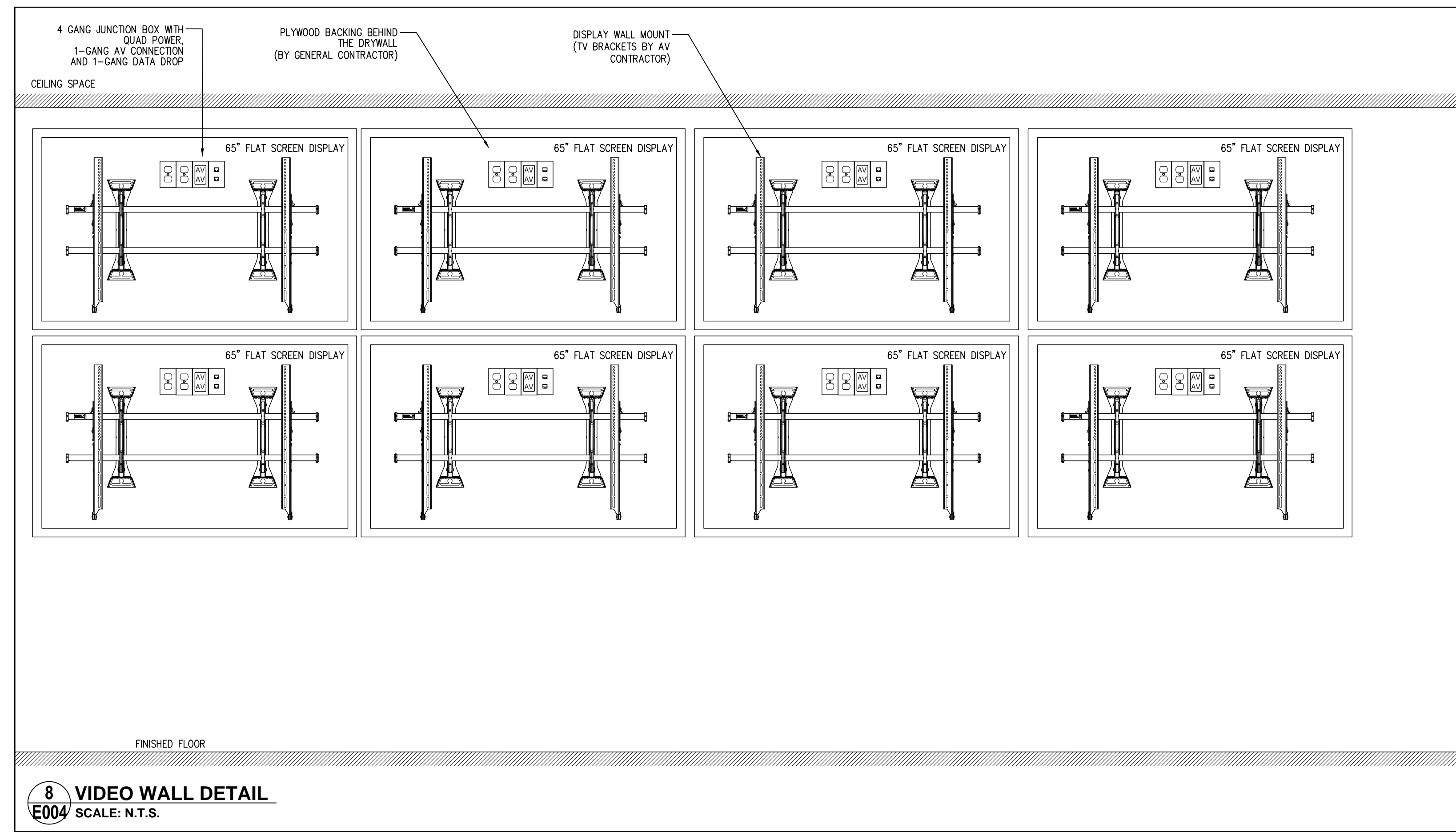
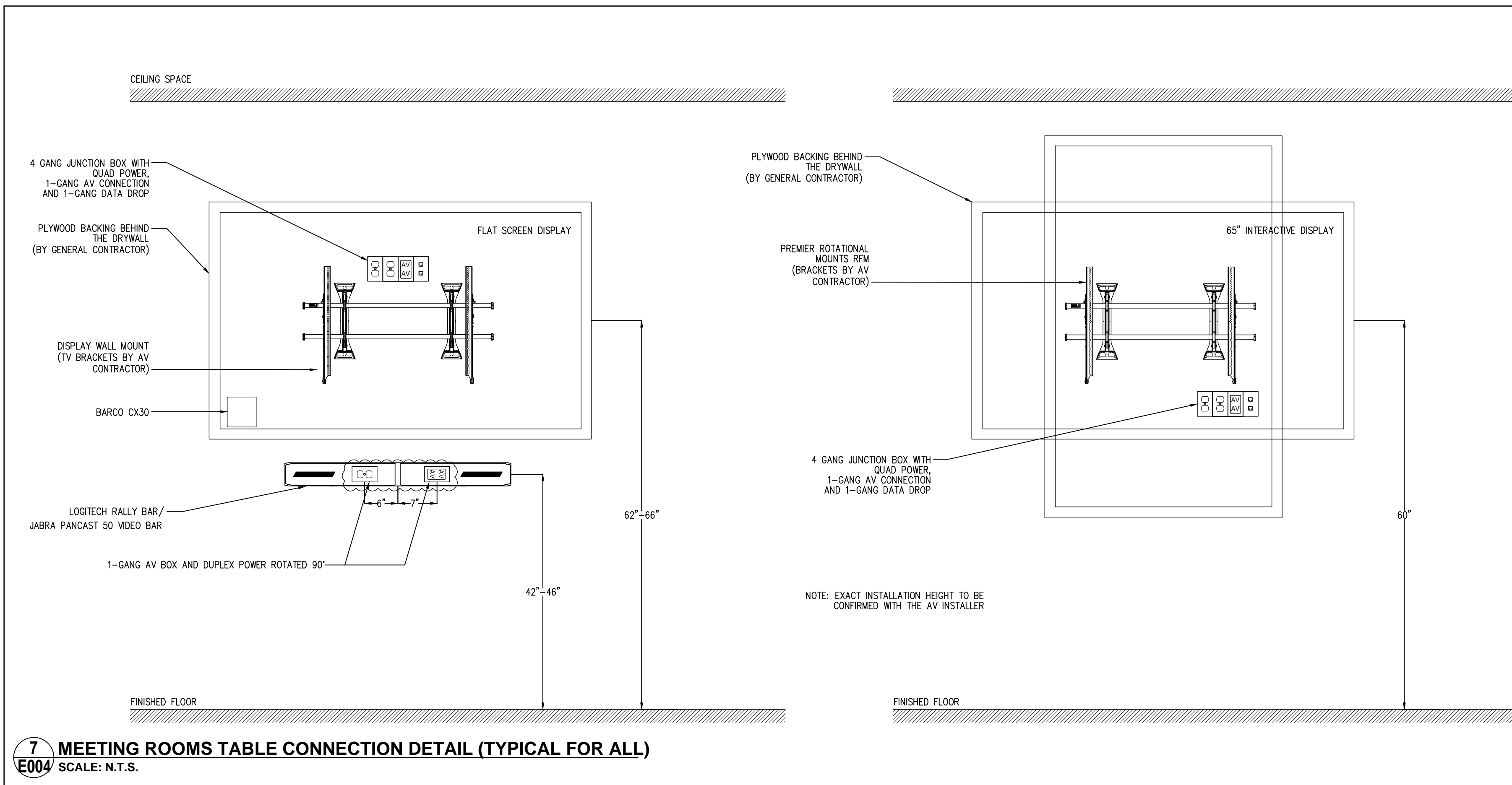
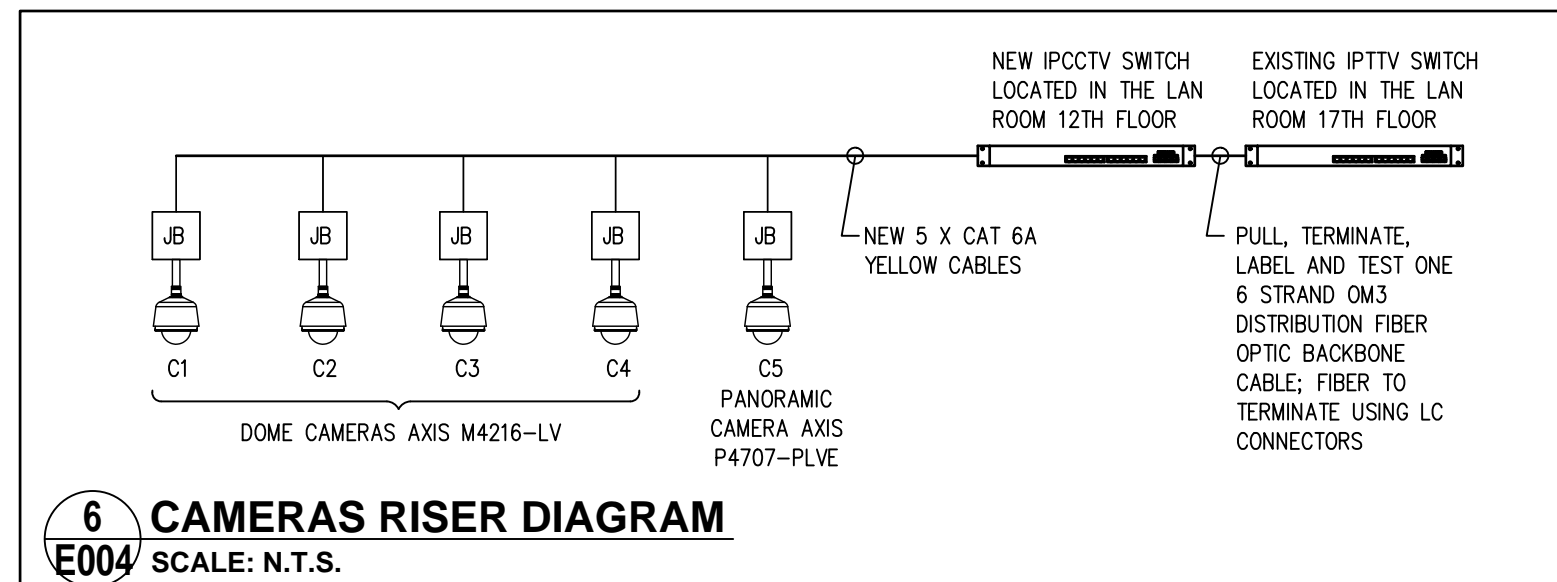
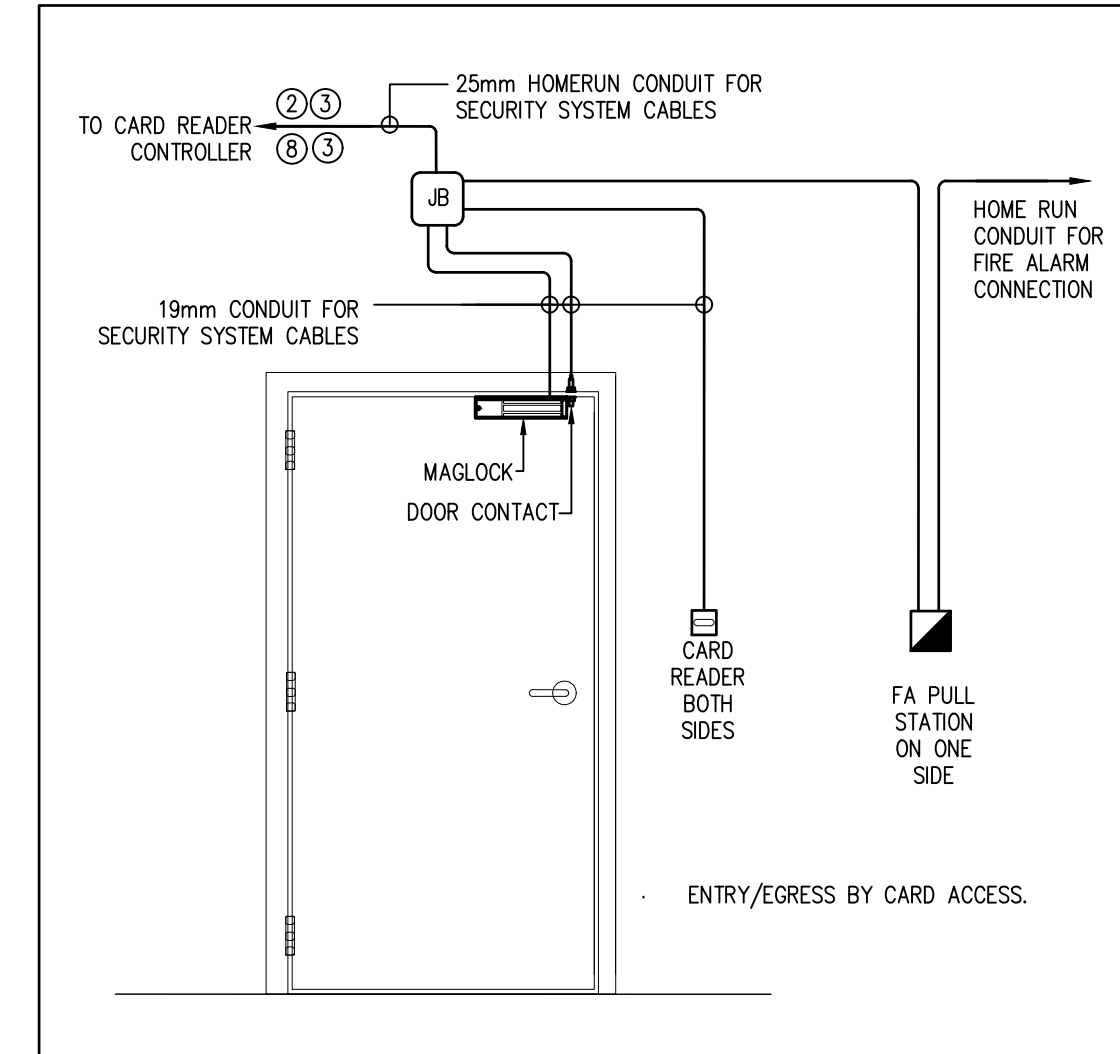
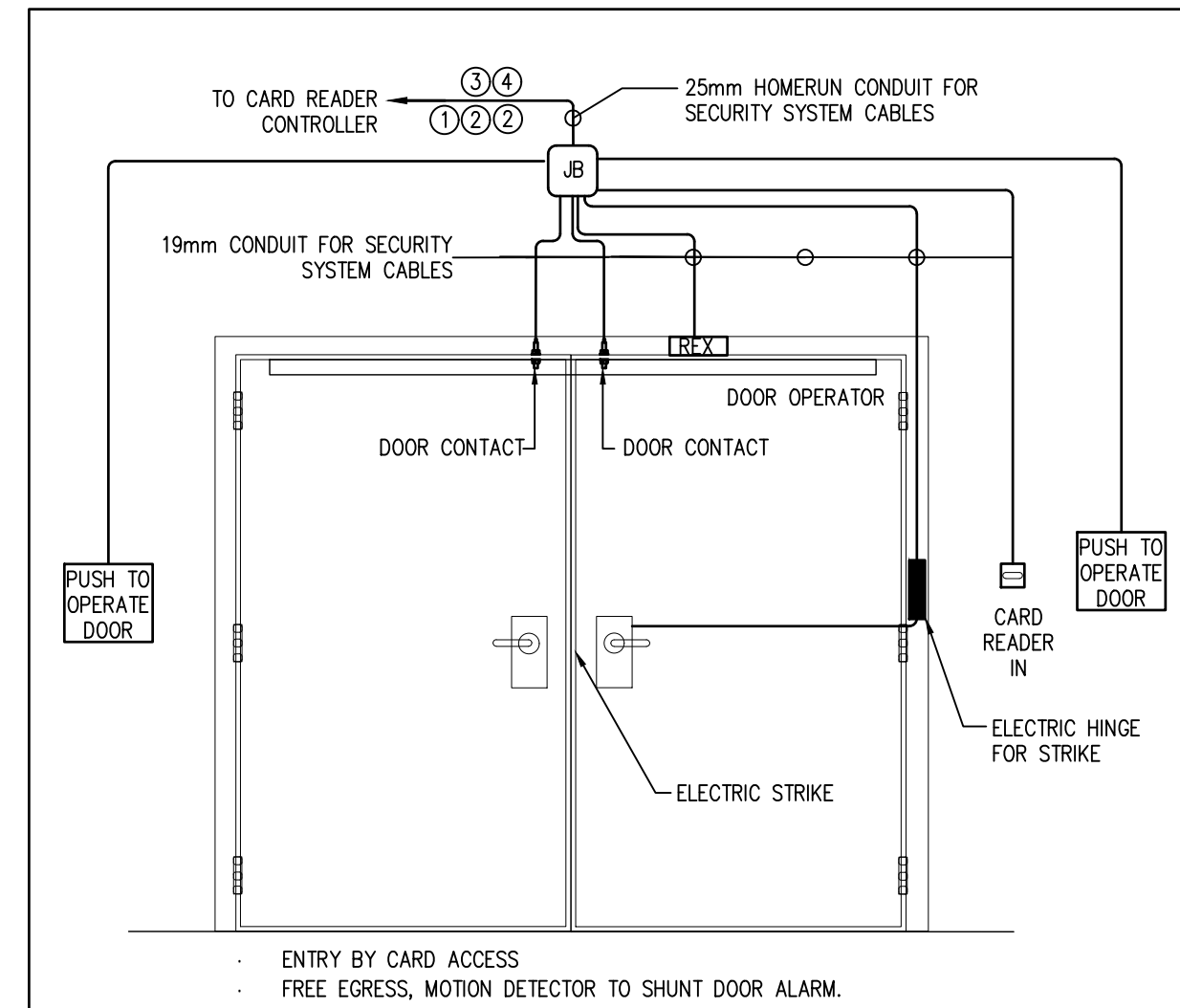
NOTES:

1. ALL CABLES/WIRING TO BE INSTALLED IN CONDUIT. ELECTRICAL CONTRACTOR TO DETERMINE THE NUMBER OF CONDUITS REQUIRED FOR EACH DOOR ON SITE. CONDUITS CAN BE ZONED TO MINIMIZE THE NUMBER OF HOME RUNS FROM SECURITY DEVICES TO THE RESPECTIVE PANELS OR JUNCTION BOX LOCATIONS.

2. REFER TO FLOOR PLAN & SECURITY DEVICES LEGEND FOR DEVICE LOCATION.

3. REFER TO FLOOR PLAN FOR EXACT DEVICE COUNTS AT EACH DOOR. WHERE THERE IS A DISCREPANCY, THE MORE ONEROUS QUANTITY SHALL APPLY. VERIFY WITH CONSULTANT PRIOR TO BIDDING.

4. EACH DEVICE SHALL BE PROVIDED WITH MANUFACTURER RECOMMENDED CABLE CONNECTING THE DEVICE DIRECTLY TO ITS RESPECTIVE DATA GATHERING PANEL.



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NO ISSUED	YY.MM.DD

Client:
CITY OF TORONTO
CYBER COMMAND CENTRE
55 JOHN STREET
12TH FLOOR
TORONTO, ONTARIO
M5V 3C6

Drawing Title:
**PANEL SCHEDULES,
DOOR DETAILS
AV DETAILS**

Scale: AS NOTED
Proj. No: 24025
Date: ARP.22.2024
Designed By: S.M.
Checked By: S.S.
Code: 24025
Drawing No: **E004**

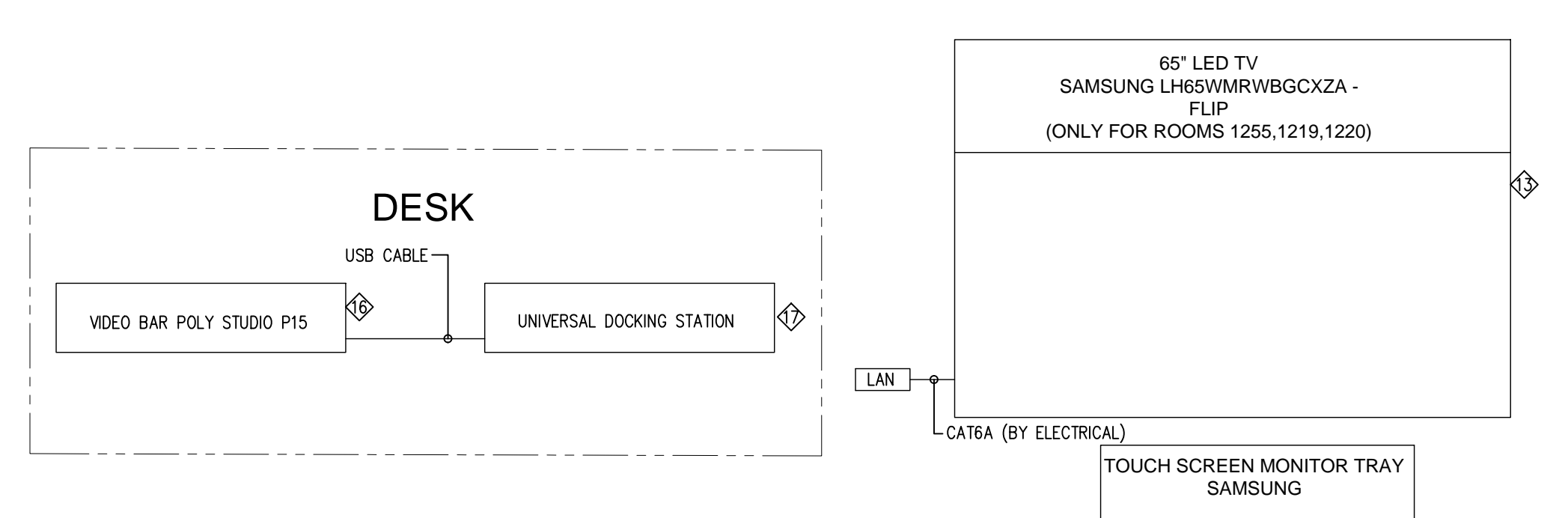
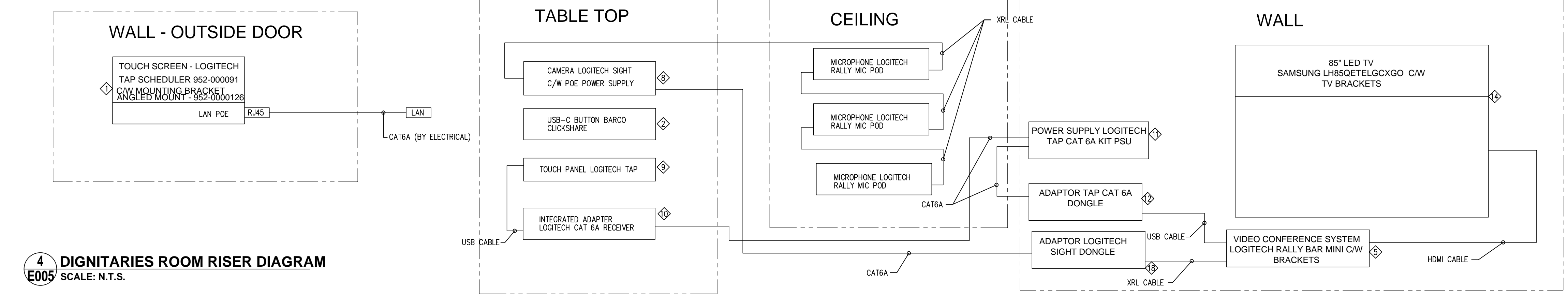
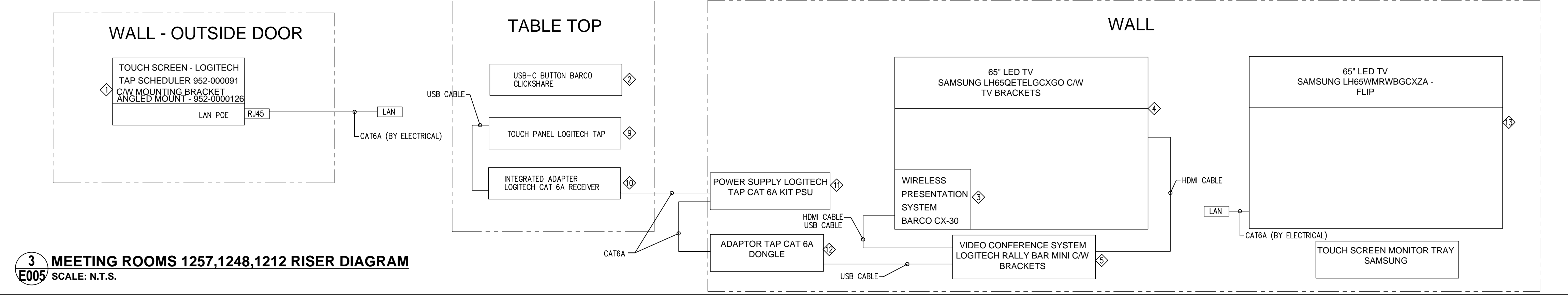
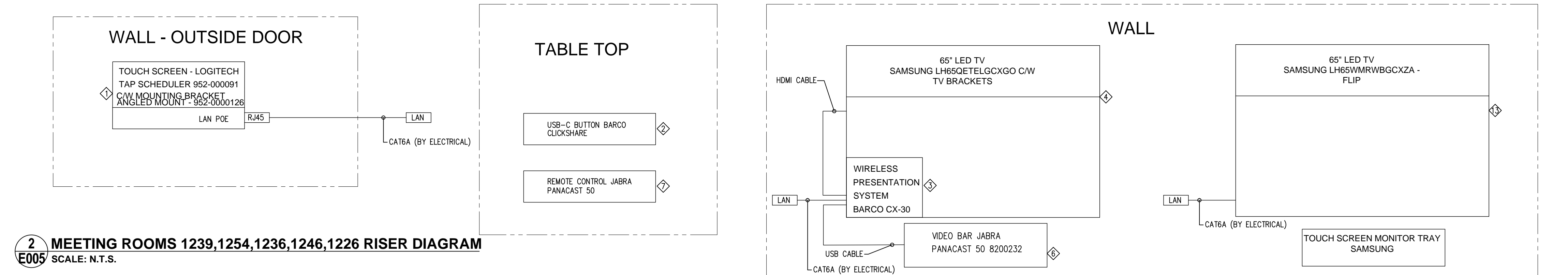
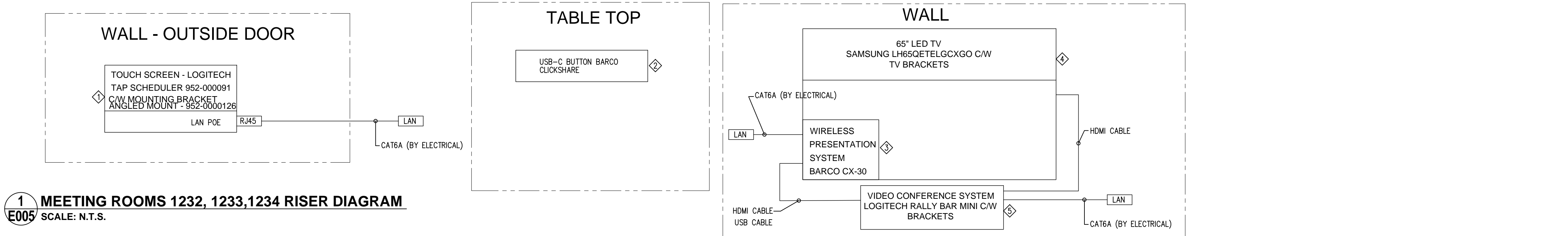
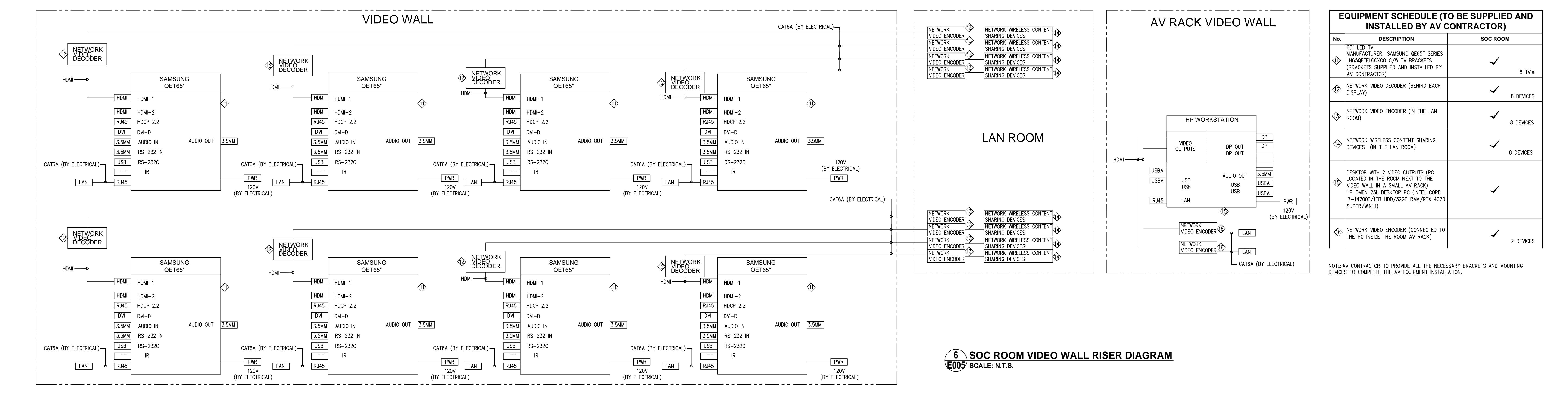


Diagram 6: FOCUS ROOMS RISER DIAGRAM. Scale: N.T.S.

EQUIPMENT SCHEDULE (TO BE SUPPLIED AND INSTALLED BY AV CONTRACTOR)

No.	DESCRIPTION	DIGNITARIES ROOM 1202	MEETING ROOMS 1232, 1233, 1234	MEETING ROOMS 1239, 1254, 1236, 1246, 1226	MEETING ROOMS 1257, 1248, 1212	FOCUS ROOMS 1217, 1218, 1229, 1228, 1227, 1249, 1261	FOCUS ROOMS 1255, 1219, 1220
1	ROOM SCHEDULING TOUCH SCREEN LOGITECH TAP SCHEDULER 952-000091 NEEDS TO BE BOUGHT AS A KIT SO IT INCLUDES ALL MOUNTING BRACKETS AND ACCESSORIES (ANGLED MOUNT - 952-0000126)	✓	✓	✓	✓		
2	USB-C BUTTON BARCO CLICKSHARE	✓	✓	✓	✓		
3	WIRELESS PRESENTATION SYSTEM BARCO CX-30		✓	✓	✓		
4	65" LED TV SAMSUNG LH65QETLGCXGO C/W TV BRACKETS (BRACKETS SUPPLIED AND INSTALLED BY AV CONTRACTOR)		✓	✓	✓		
5	VIDEO CONFERENCE SYSTEM LOGITECH RALLY BAR MINI C/W MOUNTING BRACKET LOGITECH TV MOUNT - 952-000041	✓	✓		✓		
6	VIDEO BAR JABRA PANACAST 50 8200232			✓			
7	REMOTE CONTROL JABRA PANACAST 50			✓			
8	CAMERA LOGITECH SIGHT C/W P.O.E. POWER SUPPLY	✓					
9	TOUCH PANEL LOGITECH TAP	✓			✓		
10	INTEGRATED ADAPTER LOGITECH CAT 6A RECEIVER	✓			✓		
11	POWER SUPPLY LOGITECH TAP CAT 6A KIT PSU	✓			✓		
12	ADAPTOR TAP CAT 6A DONGLE	✓			✓		
13	65" LED TV SAMSUNG LH65WMRWBGCKZA - FLIP C/W TOUCH SCREEN MONITOR TRAY SAMSUNG			✓	✓		✓
14	65" LED TV SAMSUNG LH65QETLGCXGO C/W TV BRACKETS (BRACKETS SUPPLIED AND INSTALLED BY AV CONTRACTOR)	✓					
15	MICROPHONE LOGITECH RALLY MIC POD	✓	3 DEVICES				
16	VIDEO BAR POLY STUDIO P15				✓		✓
17	UNIVERSAL DOCKING STATION				✓		✓
18	ADAPTOR LOGITECH SIGHT DONGLE	✓					

NOTE: AV CONTRACTOR TO PROVIDE ALL THE NECESSARY BRACKETS AND MOUNTING DEVICES TO COMPLETE THE AV EQUIPMENT INSTALLATION.



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NO	ISSUED	YY.MM.DD

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CYBER COMMAND CENTRE
55 JOHN STREET
12TH FLOOR
TORONTO, ONTARIO
M5V 3G6

Drawing Title:
**AV RISER DIAGRAM,
EQUIPMENT SCHEDULE,
CABLE PULL SCHEDULE**

Scale: AS NOTED

Proj. No: 24025

Date: ARP.22.2024

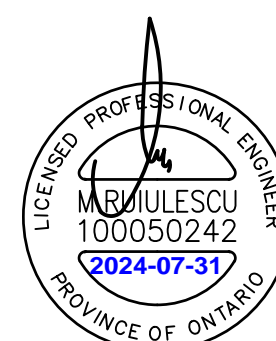
Designed By: S.M.

Checked By: S.S.

Code: 24025

Drawing No: **E005**
ARCHIT - 30X42

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CYBER COMMAND CENTRE
55 JOHN STREET
12TH FLOOR
TORONTO, ONTARIO
M5V 3C6

Drawing Title

LIGHTING DEMOLITION LAYOUT LEGEND, DEMOLITION SPECIFICATION

Scale: 1/8"=1' 0"

Proj. No: 34035

Date: APR 22 2024

Designed By: S.M.

Checked By: S.S.

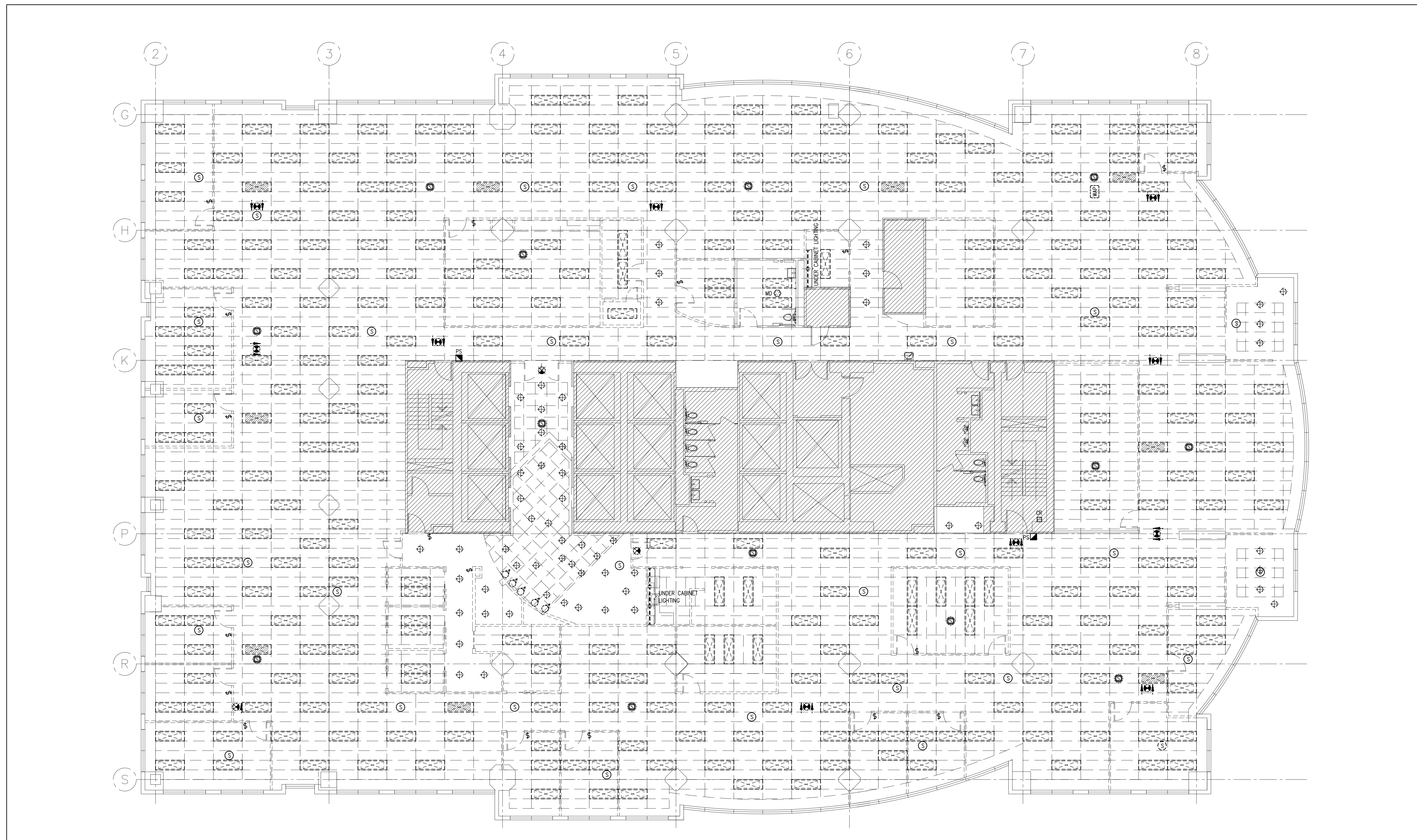
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











F006

ARCH E1 - 30X42

Cadfile Name: AE-24047-DRAW-E001-E007-R01



1 LIGHTING DEMOLITION LAYOUT
E006 SCALE: 1/8"=1'-0"

DEMOLITION	
SYMBOL	DESCRIPTION
	EXISTING LIGHTING FIXTURE TO BE REMOVED
	EXISTING LIGHTING FIXTURE CONNECTED TO EMERGENCY CIRCUIT TO BE REMOVED
	EXISTING LIGHTING FIXTURE TO BE REMOVED
	EXISTING LIGHTING FIXTURE TO BE REMOVED
	DIRECTIONAL LIGHTING TO BE REMOVED
	WALL MOUNTED LIGHTING SWITCH TO BE REMOVED
	CEILING MOUNTED MOUNTED DETECTOR TO BE REMOVED
	ONE OR TWO FACE EXIT LIGHT TO BE REMOVED
	FIRE ALARM SPEAKER TO BE REMOVED
	FIRE ALARM SPEAKER & STROBE LIGHT COMBO TO BE REMOVED
	REMOTE EMERGENCY LIGHTING FIXTURE--DOUBLE HEAD COMPLETE WITH BATTERY CHARGER TO BE REMOVED
	STROBE LIGHT TO BE REMOVED

DEMOLITION SPECIFICATIONS

- | | | | |
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| 1 | GENERAL | 2 | DEMO NOTES |
| 3 | 1. THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL DRAWINGS CAREFULLY TO DETERMINE THE EXTENT OF THE DEMOLITION IN THE EXISTING BUILDING. EXAMINE THE SITE AND DETERMINE AND INCLUDE IN THE TOTAL PRICE OF THE TOTAL COST OF LABOUR AND MATERIAL TO DISCONNECT, REMOVE, RELOCATE, BRANCH-OUT, REWIRE OR MAKE SAFE ALL EXISTING CONDUITS AND WIRES, BOXES, LUMINAIRES AND EQUIPMENT REQUIRED. | 3 | 1. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY ITEMS WHICH ARE DAMAGED DUE TO THIS WORK AT NO EXTRA COST TO THE BUILDING OWNER. |
| 4 | 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CONSIDERATIONS WHICH MAY HAVE TO BE MADE TO PROTECT ADJACENT AREAS. | 4 | 2. REMAINING REMOVED EQUIPMENT AND MATERIALS, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UPON COMPLETION OF THE WORK. |
| 5 | 3. THE WHOLE OF THE WORK SHALL BE CARRIED OUT AND PERFORMED IN A WORKMANLIKE MANNER TO THE SATISFACTION OF THE CONSULTANT. ANY UNSATISFACTORY WORK SHALL BE REPLACED BY THIS DIVISION WITHOUT EXTRA COST TO THE OWNER. | 5 | 3. THE CONTRACTOR SHALL SEALING TIES TO ALLOW DEMOLITION OF MECHANICAL AND ELECTRICAL SERVICES. |
| 6 | 4. IF ANY WORK IS REQUIRED, OBTAIN WRITTEN INSTRUCTIONS FROM THE CONSULTANT BEFORE PROCEEDING. PAYMENTS WILL BE MADE AT A FAIR AND REASONABLE RATE ONLY FOR AUTHORIZED EXTRAS. IN THE CASE OF OMISSIONS, THE SAME PROCEDURE SHALL APPLY AND A DECREASE MADE. | 6 | 4. MECHANICAL & ELECTRICAL CONTRACTORS SHALL ASSIST THE GENERAL CONTRACTOR IN THE DEMOLITION WORK, BY CUTTING BACK MECHANICAL & ELECTRICAL SERVICES AS NEEDED FOR DEMOLITION WORK. |
| 7 | 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AND REMOVING ALL ELECTRICAL EQUIPMENT FROM AREAS BEING ALTERED OR DEMOLISHED. DISCONNECT AND EQUIPMENT REQUIRED TO MAINTAIN SERVICE IN OTHER PARTS OF THE BUILDING SHALL BE TEMPORARILY SUPPORTED, RELOCATED, SERVICED OR RELOCATED AS REQUIRED. OBSOLETE CONDUITS AND CABLES SHALL BE DISCONNECTED FROM THEIR SOURCE OF SUPPLY, CUT BACK AS FAR AS POSSIBLE, AND SHALL BE REMOVED. ALL EXISTING WIRING NOT REMOVED SHALL BE DISCONNECTED, BRANCHED-OUT AND MADE SAFE. | 7 | 5. REMOVE EXISTING OUTLETS TO BE REUSE, PULL WIRS BACK TO RESPECTIVE PANEL AND MAKE SAFE. |
| 8 | 6. THE CONTRACTOR SHALL TAKE CARE TO PROTECT ALL EXISTING LAWS, BYLAWS, OR REGULATIONS OF THE MUNICIPALITY OR ANY OTHER AUTHORITIES HAVING JURISDICTION. NOTHING CONTAINED IN THESE DRAWINGS SHALL BE CONSTRUED AS TO BE IN CONFLICT WITH ANY SUCH LAWS. | 8 | 6. REMOVE ALL CABLES TO BE REMOVED PHONE AND DATA CABLES BACK TO PANELS. |
| 9 | 7. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DISRUPTION TO THE EXISTING SERVICES. THE EXISTING BUILDING MUST BE KEPT IN OPERATING CONDITION THROUGHOUT THE DEMOLITION WORK. ANY INTERRUPTIONS TO SERVICES MUST OCCUR ONLY AT SCHEDULED TIMES. UNAVOIDABLE INTERRUPTION SHALL BE SCHEDULED WITH THE LANDLORD AT LEAST 48 HOURS IN ADVANCE. OVERTIME WORK THAT MAY BE REQUIRED TO TEAR-IN SERVICES AT NIGHT OR ON WEEKENDS SHALL BE INCLUDED IN THE TENDER AMOUNT. | 9 | 7. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MARKING OFF ANY SURFACES TO BE FINISHED DAMAGED AS A RESULT OF DEMOLITION. |
| 10 | 8. THE CONTRACTOR SHALL ENSURE THAT ALL REQUIRED PERMITS ARE OBTAINED. NO WORK WHICH IS CONDITIONAL ON SUCH PERMITS SHALL BE UNDERTAKEN UNTIL NECESSARY CONDITIONS ARE MET. | 10 | 8. PULL BACK LIGHTING WIRING TO THE CLOSEST CEILING MOUNTED JUNCTION BOX AND MAKE SAFE FOR FUTURE USE FOR ANY RECONFIGURED LIGHTS. TRACE LIGHTING CIRCUITS BEFORE STARTING ANY DEMOLITION WORK TO DETERMINE EMERGENCY LIGHT CIRCUIT. |
| 11 | 9. ANY DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATIONS AND/OR EXISTING CONDITIONS ARE TO BE REFERRED TO THE DESIGNER FOR INSTRUCTIONS BEFORE ANY WORK IS BEGIN. | 11 | 9. REMOVE EXISTING WIRING FEEDING EXISTING RECEPTABLES TO BE DEMOLISHED. THERE SHALL BE POWER OUTLET CIRCUITS BEFORE STARTING ANY DEMOLITION WORK. |
| 12 | 10. THE CONTRACTOR SHALL ENSURE THAT AREAS NOT INCLUDED IN THIS CONTRACT ARE ADEQUATELY PROTECTED FROM DUST, DEBRIS, OR ANY OTHER DAMAGE RESULTING FROM WORK PERFORMED, AND THAT ANY CLEANING OR REPAIR REQUIRED IS PERFORMED WITHOUT COST TO OWNER. | 12 | 10. CONTRACTOR TO MARK ALL EXISTING WIRING AFTER DEMOLITION WORK AS SPARE BREAKERS FOR FUTURE USE, AND TO MARK THEM ON THE NEW UPDATED PANEL SCHEDULE. |
| 13 | 11. CONTRACTOR SHALL ENSURE THAT ALL REFUSE IS REMOVED ON A DAILY BASIS AND THAT JOB SITE IS MAINTAINED IN AN ORDERLY AND SAFE CONDITION. | 13 | 11. DEMOLITION OF EXISTING EXIST SERVICES, AS INDICATED, PROTECT EXIST SIGN FEEDER DURING DEMOLITION, USE FEEDER FOR NEW EXIST FEED. |
| 14 | 12. CONTRACTOR SHALL COORDINATE ACCESS TO SITE AND DELIVERY AND REMOVAL OF GOODS WITH LANDLORD. | 14 | 12. DISCONNECT AND MAKE SAFE POWER CIRCUITS FEEDING THE EXISTING POWER RECEPTABLES. THE POWER CIRCUITS TO BE NOTED TO FEED SALVAGED EQUIPMENT AND NEW ELECTRICAL EQUIPMENT TO BE INSTALLED. THE POWER CIRCUITS TO BE REMOVED TO BE REMOVED TO BE REMOVED TO BE REMOVED. |
| 15 | 13. CONTRACTOR SHALL ADVISE ANY CONFLICTS WITH EXISTING ELECTRICAL OR MECHANICAL WORK OR AFTER STRUCTURE. | 15 | 13. BASE ANY BUILDING LUMINAIRES REMOVED AND NOT REUSED SHALL BE HANDLED OVER TO THE LANDLORD FOR STORAGE. THE UNUSED LIGHTS TO BE STAKED NEATLY ON A SKID, WRAPPED AND RETURNED TO THE LANDLORD. LIGHTS LINESKES TO BE STAKED SEPARATE AND RETURNED TO THE LANDLORD. |
| 16 | 14. PROVIDE TEMPORARY ELECTRICAL POWER FOR THE WORK OF THIS TRADE AND OTHER TRADES AS REQUIRED BY GENERAL CONTRACTOR OF WORK. | 16 | 14. ALL UNUSED CABLES TO BE TRACKED ON A SKID, NEATLY RETURNED TO THE LANDLORD. |
| 17 | | 17 | 15. CONTRACTOR TO REMOVE EXISTING LIGHTING WIRING TO THE CLOSEST CEILING MOUNTED JUNCTION BOX AND MAKE SAFE. |
| 18 | | 18 | 16. THE LIGHTING CIRCUITS MADE AVAILABLE AFTER THE DEMOLITION WILL BE REUSED ACCORDING WITH PROPOSED LAYOUT, DISPOSE OF SITE AND ALL LIGHTING FIXTURES AND MATERIAL THAT HAVE BEEN REMOVED. DISPOSE LAMPS, BALLAST AND LIGHTING FIXTURES AS PER LOCAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND PAYING FOR THE COST OF DISPOSAL. |
| 19 | | 19 | 17. REMOVAL AND DISPOSAL OF POLYCHLORINATED BIPHENYLS (PCBS): THE CONTRACTOR SHALL EXTRACT ALL LIGHT BALLASTS AND TRANSFORMERS, CLEAN AND EXAMINE BY THEIR ENVIRONMENTAL CONSULTANT TO DETERMINE PCB CONTENT. ALL PCB-CONTAINING BALLASTS (AS IDENTIFIED BY THE CONSULTANT) SHALL BE PLACED IN STIFF DRUMS PROPERLY LABELED AND SHALL BE DISPOSED OF ACCORDING TO APPLICABLE ENVIRONMENTAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR THE COST OF DISPOSAL. |

DEMO NOTES

23. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY ITEMS WHICH ARE DAMAGED DUE TO THIS WORK AT NO EXTRA COST TO THE BUILDING OWNER.
24. REMAINING EQUIPMENT AND MATERIALS, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE IMMEDIATELY.
25. GENERAL CONTRACTOR SHALL REMOVE ALL NECESSARY CEILING TIES TO ALLOW DEMOLITION OF MECHANICAL AND ELECTRICAL SERVICES.
26. MECHANICAL & ELECTRICAL CONTRACTORS SHALL ASSIST THE GENERAL CONTRACTOR IN THE DEMOLITION WORK, BY CUTTING BACK MECHANICAL & ELECTRICAL SERVICES AS NEEDED FOR DEMOLITION WORK.
27. EXISTING LIGHTING SHALL NOT BE ACED. EXISTING LIGHT FIXTURES SHALL BE REMOVED BACK TO RESPECTIVE PANEL AND MAKE SAFE.
28. REMOVE ALL EXISTING TO BE REMOVED PHONE AND DATA CABLES BACK TO PANELS.
29. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAKING GOOD ANY SURFACES OR FINISHES DAMAGED AS A RESULT OF DEMOLITION.
30. PULL BACK LIGHTING WIRING TO THE CLOSEST CLUSTED JUNCTION BOX AND MAKE SAFE FOR FUTURE USE, FOR ANY RECOGNIZED LIGHTS. TRACE AND DISCONNECT ALL WIRING TO THE CLOSEST JUNCTION BOX.
31. CONTRACTOR TO REMOVE EXISTING WIRING FEEDING EXISTING RECEPTABLES TO BE DEMOLISHED. TRACE POWER OUTLET CIRCUITS BEFORE STARTING ANY DEMOLITION WORK.
32. CONTRACTOR TO MARK ALL AVAILABLE GRAB AFTER DEMOLITION WORK AS SPARE BREAKERS FOR FUTURE USE, AND TO MARK THEM ON THE NEW UPDATED PANEL SCHEDULE.
33. DEMOLITION OF EXISTING EIGHT SINKS, AS INDICATED, PROTECT EXIST SINK FEEDER. REMOVE DEMOLITION USE FEEDER FOR NEW EXIST SINK.
34. DISCONNECT AND MAKE SAFE POWER CIRCUITS FEEDING THE EXISTING POWER RECEPTABLES. THE POWER CIRCUITS TO BE REUSED TO FEED SALVAGED RELOCATED AND NEW INSTALLED POWER RECEPTABLES AT THE NEW LOCATION, REFER TO DRAWING E004.
35. ALL BASE BUILDING LINENAMES REMOVED AND NOT REUSED SHALL BE HANDLED OVER TO THE LANDLORD FOR STORAGE. THE UNDESIRABLE LINENAMES TO BE REMOVED AND RETURNED TO THE LANDLORD AS WELL. ALL UNUSED CEILING TIES TO BE STACKED ON A SKID, NEARBY AND RETURNED TO THE LANDLORD.
36. CONTRACTOR TO REMOVE THE EXISTING LIGHTING FIXTURES AS INDICATED, CUT BACK THE WIRING TO THE CLOSEST JUNCTION BOX AND MAKE SAFE. THE LIGHTING FIXTURES MARKED TO BE REMOVED SHALL BE REUSED FOR THE NEW LIGHTING. ALL REMOVED LIGHTING FIXTURES TO BE REUSED FOR THE NEW LIGHTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND PAYING FOR THE COST OF DISPOSAL.
37. REMOVAL AND DISPOSAL OF POLYCHLORINATED BIPHENYLS (PCBS): THE CONTRACTOR SHALL EXTRACT ALL LIGHT BALLASTS AND TRANSFORMERS (CLEAN) TO BE EXAMINE BY THE ENVIRONMENTAL CONSULTANT TO DETERMINE MERCURY CONTENT. ALL PCB-CONTAINING BALLASTS (AS IDENTIFIED BY THE CONSULTANT) SHALL BE PLACED IN STICK DRUMS PROPERLY LABELED AND SHALL BE DISPOSED OF ACCORDING TO APPLICABLE ENVIRONMENTAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING AND PAYING FOR THE COST OF DISPOSAL. A COPY OF THE CERTIFICATE OF ANALYSIS SHALL BE SUBMITTED TO THE BUILDING OWNER. ALL PCB-CONTAINING MATERIALS ARE DISPOSED OF. THIS SCOPE OF WORK SHALL APPLY TO ANY OTHER PCB-CONTAINING EQUIPMENT (I.E. CAPACITORS, TRANSFORMERS, ETC.).
38. REMOVAL OF MERCURY CONTAINING EQUIPMENT: THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY EXTRACTING ALL POTENTIALLY MERCURY CONTAINING EQUIPMENT (I.E. CAPACITORS, TRANSFORMERS, ETC.). THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY EXTRACTING ALL POTENTIALLY MERCURY CONTAINING EQUIPMENT (I.E. CAPACITORS, TRANSFORMERS, ETC.). THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY EXTRACTING ALL POTENTIALLY MERCURY CONTAINING EQUIPMENT (I.E. CAPACITORS, TRANSFORMERS, ETC.).
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NOTES:

- DO NOT SCALE DRAWINGS.
- MATERIALS MAY NOT BE SUBSTITUTED WITHOUT DESIGNER'S WRITTEN APPROVAL.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL SPECIFICATIONS AND DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO INFRASTRUCTURE INTERIOR DESIGN LTD. PRIOR TO CONSTRUCTION.
- ALL DRAWINGS ARE PROPERTY OF INFRASTRUCTURE INTERIOR DESIGN LTD. THEY ARE TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS (ARCHITECTURAL, STRUCTURAL, MECHANICAL AND/OR ELECTRICAL) AS ISSUED AS THIS PROJECT'S DOCUMENTATION.



Corporate Real Estate Management
Project Management Office
Metro Hall, Toronto, ON
MSV 3C6



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R01	RE-ISSUED FOR PERMIT/TENDER	2024-07-31
R00	ISSUED FOR PERMIT/TENDER	2024-07-24
RP5	ISSUED FOR 95% CLIENT REVIEW	2024-07-19
RP4	ISSUED FOR 66% CLIENT REVIEW	2024-06-10
RP2	ISSUED FOR 50% CLIENT REVIEW	2024-06-07
NO	ISSUED	YY.MM.DD

Client:
CITY OF TORONTO
CYBER COMMAND CENTRE
55 JOHN STREET
12TH FLOOR
TORONTO, ONTARIO
M5V 3C6

Drawing Title:
**POWER DEMOLITION LAYOUT,
LEGEND**

Scale: 1/8"=1'-0"

Proj. No: 24025

Date: ARP.22.2024

Designed By: S.M.

Checked By: S.S.

Code: 24025

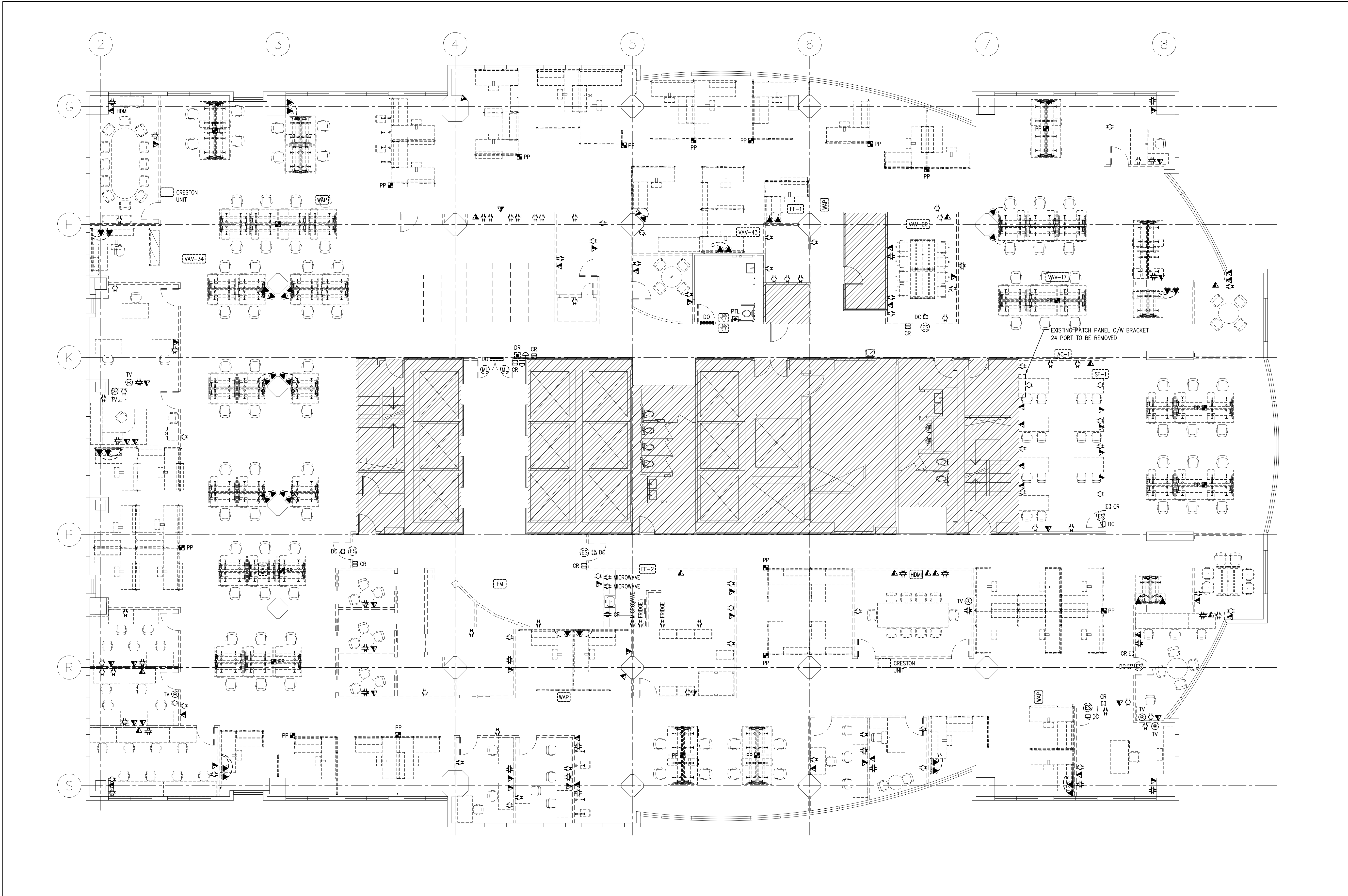
Drawing No:

E007

ARCH ET - 30042



Cadfile Name: AE-24047-DRAW-E001-E007-R01



1 POWER DEMOLITION LAYOUT
E007 SCALE: 1/8"=1'-0"