

EXISTING DEVICES ARE TONED :

COMMUNICATIONS	
IC _T	INTERCOM STATION NO TAG = AUDIO SUB STATION M = INTERCOM MASTER STATION V = AUDIO/VIDEO SUB STATION E = DIRECTORY ENTRY PHONE P = PARKING/DURESS ASSISTANCE STATION VM = AUDIO/VIDEO MASTER STATION
TEL _T	TELEPHONE DIALER D = DIGITAL (VOIP) V = VOICE (PBX) M = 24/7 MONITORING
RX _T	TRANSCIVER/COMMUNICATION DEVICE C = WIRELESS CARD READER V = WIRELESS VEHICLE FOB READER L = WIRELESS LOCK SET D = WIRELESS DURESS BUTTON G = WIRELESS GUESTROOM CARD READER W = WIRED DOOR GATEWAY
NET _T	NETWORK SWITCH NO TAG = EDGE SWITCH C = CORE SWITCH
FO _T	FIBER OPTIC TRANSCIVER V = VIDEO D = DATA TX = TRANSMITTER RX = RECEIVER
RF _T	RF VIDEO/DATA TRANSCIVER









DEVICE TAG LEGEND






The diagram illustrates a cross-section of a device with several labeled components. At the top, a curved line represents the top surface. Below it, a rectangular block is labeled 'ES' and 'DC'. To the right of this block, a rectangular block is labeled '01' and 'BB-00' above '001'. Below the 'ES' block, a rectangular block is labeled 'CR'. At the bottom, a rectangular block is labeled 'REX' and 'L'. An arrow points from the word 'TECHNOLOGY' to the 'REX' block.

ACRONYMS & ABBREVIATIONS	
<p>MANY OF THE ACRONYMS AND ABBREVIATIONS BELOW ARE USED IN COMBINATION WITH THE SYMBOLS IN THE SECURITY LEGEND TO REFERENCE A SPECIFIC SCOPE OF WORK DESCRIBED IN THE DETAIL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THOROUGHLY ALL DETAILS FOR FURTHER GUIDANCE AND EXPECTATIONS ON SCOPE OF WORK.</p>	
<p>AFB ABOVE FINISHED FLOOR</p> <p>AFG ABOVE FINISHED GRADE</p> <p>CLG CEILING</p> <p>JB JUNCTION BOX</p> <p>NIC NOT IN CONTRACT</p> <p>PB PULLBOX</p> <p>R TO BE REMOVED / RELOCATED</p> <p>RE/RE REMOVE & RE-INSTALL</p>	<p>RL DEVICE OR OUTLET/CABLE IN RELOCATED POSITION</p> <p>TEMP TEMPORARY</p> <p>TYP TYPICAL</p> <p>UPS UNINTERRUPTIBLE POWER SUPPLY</p> <p>UON UNLESS OTHERWISE NOTED</p> <p>WP WEATHERPROOF</p>

ELEC = ELECTRICAL CONTRACTOR (DIV. 26)
CBL = STRUCTURED CABLING CONTRACTOR (DIV. 27)
SEC = SECURITY CONTRACTOR (DIV. 28)
DOOR = DOOR HARDWARE CONTRACTOR (DIV. 8)

SENSORS & INPUT DEVICES	
EC _T	<p>DOOR POSITION SWITCH</p> <p>NO TAG = STANDARD MAGNETIC</p> <p>L = INTEGRAL TO LOCK SET</p> <p>O = OVERHEAD DOOR</p> <p>T = CABINET TAMPER SWITCH</p>
PB _T	<p>PUSH BUTTON</p> <p>D = DURESS</p> <p>R = REMOTE RELEASE</p> <p>C = CALL</p> <p>A = ALARM ACKNOWLEDGEMENT</p>
REX _T	<p>REQUEST TO EXIT DEVICE</p> <p>M = MOTION SENSOR</p> <p>P = PUSH BUTTON</p> <p>T = TOUCHLESS SENSOR</p> <p>L = INTEGRAL TO LOCK SET</p> <p>K = KEY SWITCH</p>
MD _T	<p>MOTION DETECTOR</p> <p>NO TAG = MICROWAVE</p> <p>IR = INFRARED</p> <p>D = DUAL TECHNOLOGY</p> <p>U = ULTRASONIC</p> <p>B = BURIED INTRUSION</p>

MISCELLANEOUS SECURITY COMPONENTS	
 T	<p>SCREENING DEVICE</p> <p>M = METAL DETECTOR T = TAG SENSOR (EAS) H = HANDBAG X-RAY C = CARGO/MAIL X-RAY L = LUGGAGE X-RAY</p>
 T	<p>INTELLIGENT CONTROL PANEL</p> <p>NO TAG = PACS V = VOICE INTERCOM I = INTRUSION P = PARKING</p>
 T	<p>REMOTE FIELD PANEL</p> <p>NO TAG = PACS F = FENCE DETECTION</p>
 T	<p>POWER SUPPLY</p> <p>L = ELECTRIC LOCK M = MAGNETIC LOCK / FAIL SAFE P = PANEL C = CAMERA I = INTERCOM A = AUXILIARY DEVICES</p>
 T	<p>AUDIBLE/VISIBLE ALARM DEVICE</p> <p>NO TAG = LOCAL AUDIBLE ALARM B = BUZZER S = SPEAKER C = CHIME V = AUDIBLE W/ STROBE</p>
 T	<p>VISUAL ALARM DEVICE</p> <p>NO TAG = STROBE LIGHT L = LED INDICATOR (IN CUSTOM ENCLOSURE OR FACE PLATE)</p>
	<p>20mm FIRE RATED PLYWOOD</p>
	<p>AUTOMATIC DOOR OPERATOR WITH BARRIER-FREE PUSH BUTTONS (BY OTHERS)</p>

	INTRUSION/DETECTION DEVICE V = VIBRATION F = FENCE MOUNTED FIBER OPTIC B = BURIED COAXIAL CABLE P = PHOTO BEAM SENSOR
	MONITORING SENSOR B = TEMPERATURE W = WATER L = LATCH H = HUMIDITY S = SAFE P = PARKING BARRIER POSITION
	MANUALLY OPERATED KEY SWITCH
	ADDRESSABLE FIRE ALARM RELEASE RELAY
	MANUAL PULL STATION C/W AUXILIARY CONTACT (BY OTHERS)

CONTRACTOR'S WORK SCHEDULE, NOISE EXEMPTION, AND FAIR WAGE COMPLIANCE

THE CONTRACTOR SHALL IMPLEMENT A COMPREHENSIVE PROJECT MANAGEMENT STRATEGY, ENSURING CONTINUOUS, ROUND-THE-CLOCK CONSTRUCTION ACTIVITIES TO MEET CRITICAL PROJECT MILESTONES AND THE FINAL COMPLETION DEADLINE ESTABLISHED BY THE OWNER IN THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DEVELOPMENT AND LOADED SCHEDULE TO EFFECTIVELY MANAGE MULTIPLE WORK STRIPS. SUFFICIENT RESOURCES, INCLUDING BUT NOT LIMITED TO PERSONNEL AND EQUIPMENT, MUST BE ALLOCATED TO ENSURE OPERATIONS RUN 24 HOURS A DAY, 7 DAYS A WEEK, TO ELIMINATE POTENTIAL DELAYS. ALL 24-HOUR LABOR MUST STRICTLY COMPLY WITH THE CITY OF TORONTO FAIR WAGE REQUIREMENTS. FAILURE TO MEET THE PROJECT'S NON-NEGOTIABLE DEADLINE FOR THE COMPLETION OF THE PROJECT WILL BE CONSIDERED A MAJOR BREACH OF THE CONTRACT. ANY DELAYED OR INCOMPLETE ACTIONS, AS OUTLINED IN THE PROJECT AGREEMENT.

THE CONTRACTOR IS ALSO RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES COMPLY WITH THE CITY OF TORONTO'S FAIR WAGE OFFICE REGULATIONS. THIS PROJECT HAS BEEN GRANTED A NOISE EXEMPTION, ALLOWING CONSTRUCTION TO PROCEED BEYOND STANDARD WORKING HOURS. AS PART OF THE CONTRACTOR'S RISK MANAGEMENT PLAN, ALL AFTER-HOURS WORK, OVERTIME LABOR, AND EXTENDED SHIFTS REQUIRED TO MEET THE PROJECT DEADLINES MUST BE FACTORED INTO THE BASE BID. NO CHANGE ORDERS OR CLAIMS FOR ADDITIONAL COSTS RELATED TO OVERTIME OR AFTER-HOURS WORK WILL BE ACCEPTED, AS THESE OBLIGATIONS ARE CLEARLY OUTLINED IN THE CONTRACT DELIVERABLES.

FURTHERMORE, WITH THE SUPPORT OF THE CLIENT, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COORDINATING ALL NECESSARY PERMITS, APPROVALS, AND NOTIFICATIONS WITH THE RELEVANT MUNICIPAL AUTHORITIES TO ENSURE COMPLIANCE WITH THE NOISE EXEMPTION AND OTHER REGULATORY OBLIGATIONS. REGULAR PROGRESS REPORTS, INCLUDING SCHEDULE UPDATES AND RESOURCE ALLOCATION REVIEWS, MUST BE PROVIDED TO THE PROJECT MANAGEMENT TEAM TO MAINTAIN TRANSPARENCY AND ENSURE EFFECTIVE COMMUNICATION THROUGHOUT THE PROJECT LIFECYCLE.

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www.cherieng.com
t. 416.898.1979

general notes :

1. These Contract Documents are the property of the Architect. The Architect bears no responsibility for the misinterpretations of these documents by the Contractor. Upon written application the Architect will provide written / graphic clarification or supplemental information regarding the intent of the Contract Documents. The Architect will review Shop Drawings submitted by the Contractor for design conformance only.

2. Drawings are not to be scaled for construction. Contractor to verify all existing conditions and dimensions required to perform the Work and report any discrepancies with the Contract Documents to the Architect before commencing work.

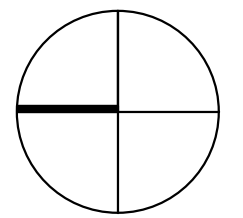
3. Positions of exposed or finished mechanical or electrical devices, fittings, and fixtures are indicated on the Architectural drawings. The locations shown on the Architectural drawings govern over the Mechanical and Electrical drawings. Those items not clearly located will be located as per directed by the Architect.

DWG. No.	DRAWING TITLE
SD-001	DRAWING LIST, NOTES, AND LEGEND
SD-201	EAST VSTS SECURITY LAYOUT
SD-202	EAST VSTS LEGACY DEMO SECURITY LAYOUT
SD-203	EAST VSTS LEGACY SECURITY LAYOUT
SD-401	DETAILS

1. SECURITY DEVICE LOCATIONS INDICATED ON DRAWINGS ARE APPROXIMATE. COORDINATE FINAL INSTALLATION LOCATIONS AND DETAILS WITH THE ARCHITECT. REFER TO ARCHITECTURAL DRAWINGS AND REVIEW SITE CONDITIONS FOR INSTALLATION REQUIREMENTS. ALL DETAILS SHOWN SHALL BE ADAPTED AS REQUIRED TO SUIT THE SITE CONDITIONS AND THE SPECIFIC APPLICATION.
2. ARCHITECTURAL PLAN DRAWING BACKGROUNDS ARE FOR REFERENCE ONLY. REFER TO PROJECT ARCHITECTURAL DRAWINGS AND SITE CONDITIONS. SITE MEASURE FOR EXACT DIMENSIONS AND INSTALLATION REQUIREMENTS.
3. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE BSS SPECIFICATIONS.
4. PROVIDE ALL REQUIRED CUTTING, BORING, PATCHING AND FINISHING NECESSARY TO PROVIDE A COMPLETE INSTALLATION. PROVIDE ALL MOUNTS, BACK BOXES, ADAPTERS, FACEPLATES, BEZELS, TRIM, ETC. UNLESS OTHERWISE NOTED.
5. PROVIDE COMPLETE SHOP DRAWINGS AND DETAILS FOR ALL PROPOSED INSTALLATIONS. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATIONS.
6. COORDINATE ALL INSTALLATIONS AND WORK. OBTAIN ALL NECESSARY APPROVALS AND PERMITS.
7. PROVIDE ALL INSTALLATIONS IN COMPLIANCE WITH APPLICABLE CODES AND SITE INSTALLATION STANDARDS AND GUIDELINES.
8. PROVIDE ALL DEVICES AND INSTALLATIONS WITH A COLOR AND FINISH TO MATCH THE INSTALLATION LOCATION. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATION OF DEVICES AND COMPONENTS.
9. NOTIFY THE ARCHITECT AND CONSULTANT OF ANY DRAWING DISCREPANCIES.
10. ALL SECURITY SYSTEM CABLEING SHALL BE INSTALLED WITHIN DEDICATED CONDUIT. PROVIDE ALL CONDUIT SLEEVES FOR SECURITY SYSTEM CABLEING.
11. CONDUIT SIZES INDICATED ON THE DRAWINGS AND HOME RUN SIZES SHOWN ON DETAIL SHEETS ARE TO BE CONSIDERED THE MINIMUM SIZE TO BE INSTALLED. PROVIDE LARGER OR ADDITIONAL CONDUIT IF REQUIRED. CONDUIT SIZES INDICATED DEDICATED HOME RUNS, BUT MAY BE COMBINED WITH OTHER LOCATIONS BY SYSTEM TYPE (CCTV, PACS, SIS) AS LONG AS EXC MAXIMUM FILL REQUIREMENTS ARE MAINTAINED. PROVIDE LARGER CONDUIT SIZES FOR COMBINED DEVICE HOME RUNS.
12. UNLESS NOTED OTHERWISE, ALL CONDUIT AND BACKBOXES SHALL BE INSTALLED CONCEALED WITHIN WALLS AND ABOVE FINISHED CEILING. OBTAIN APPROVAL FOR ANY PROPOSED INSTALLATION OF EXPOSED OR SURFACE CONDUIT, DEVICES, ETC.
13. SECURITY WIRING, CONDUIT AND JUNCTION BOXES SHALL BE INSTALLED ON THE SECURE SIDE OF DOOR (INSIDE SECURE SPACE).
14. REFER TO THE BUILDING ELECTRICAL DRAWINGS FOR THE ELECTRICAL DISTRIBUTION PANEL AND POWER SUPPLY DETAILS.
15. DO NOT COPY OR DISTRIBUTE THESE SECURITY DRAWINGS. UNAUTHORIZED DISTRIBUTION OF ANY PORTION OF THESE DRAWINGS, ELECTRONIC OR PAPER, IS PROHIBITED.



5. ISSUED FOR ADDENDUM SD-01	12-18-2024
4. ISSUED FOR TENDER	11-08-2024
3. ISSUED FOR PROGRESS SET	08-16-2024
2. ISSUED FOR PROGRESS SET	07-30-2024
1. ISSUED FOR CLASS C COSTING	06-28-2024
revision	date



FIFA - EAST VSTS
CENTENNIAL PARK

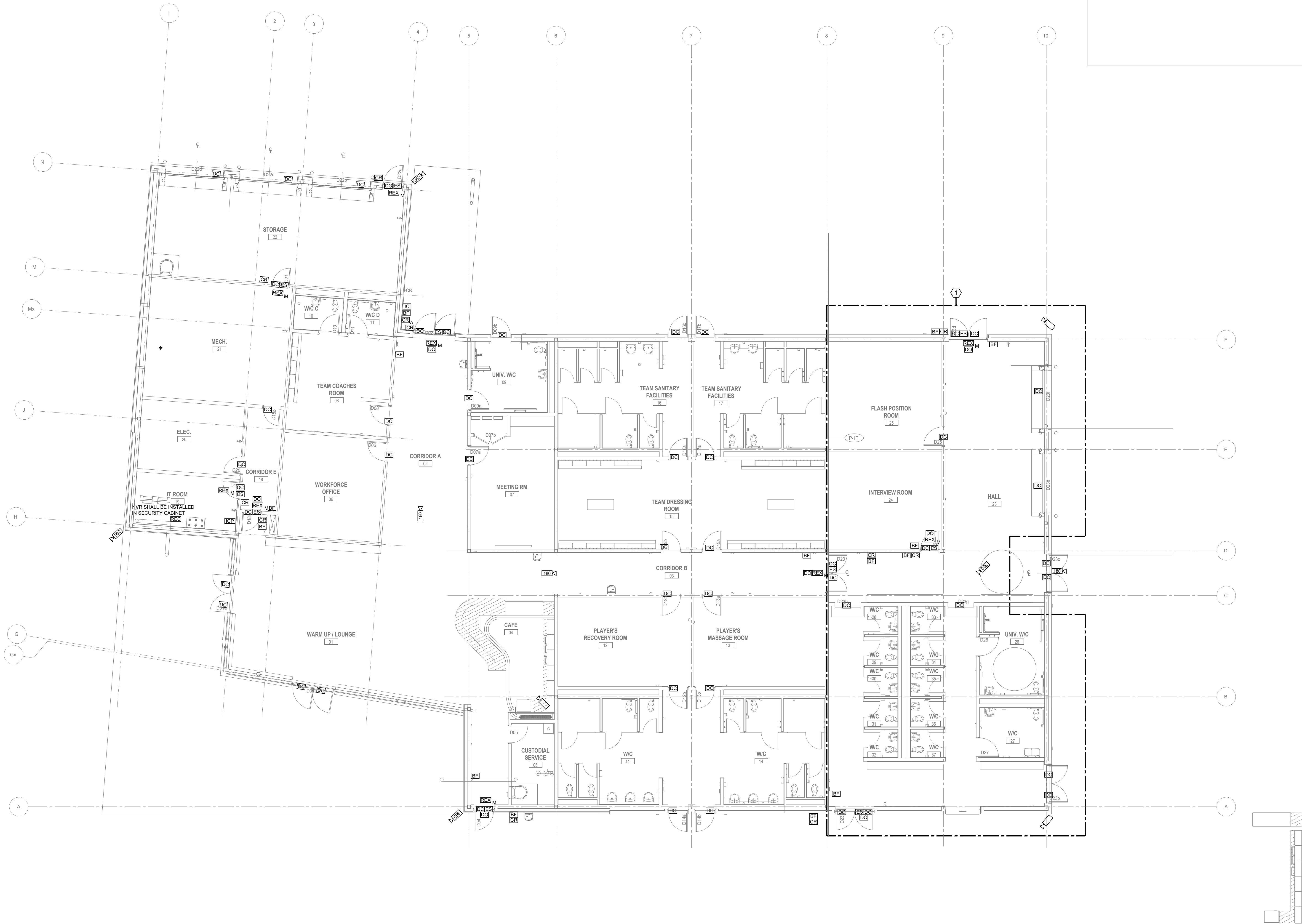
Address: 56 Centennial Park Rd, Toronto, ON

LEGEND

project no. :	2024-0112
scale :	N.T.S.
date :	MAY 2024

drawing no. :

SD-001



KEYNOTES

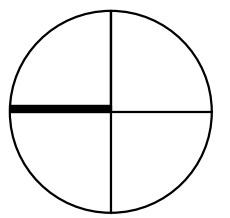
1 SCOPE WITHIN THIS AREA SHALL BE SEPARATE PRICE.

general notes :

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1. ISSUED FOR CLASS C COSTING	06-28-2024

revision date

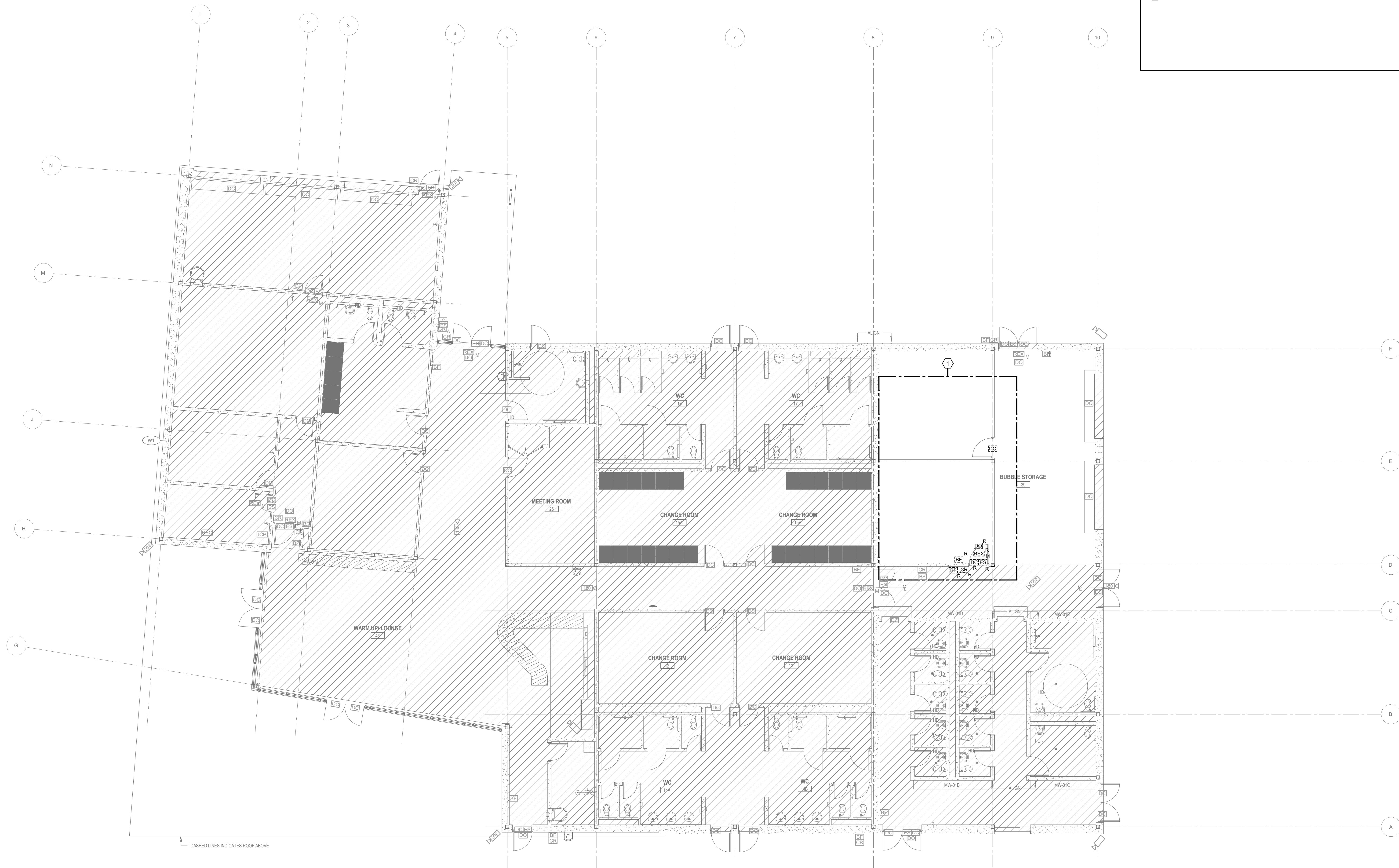


FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
EAST VSTS GAME SECURITY
LAYOUT

project no. : 2024-0112
scale : 1:100
date : MAY 2024

drawing no. :

SD-201



KEYNOTES

1

SCOPE WITHIN THIS AREA SHALL BE SEPARATE PRICE.

general notes :

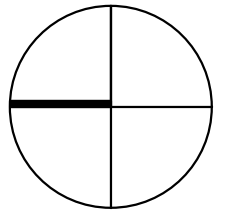
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1. ISSUED FOR CLASS C COSTING	06-28-2024

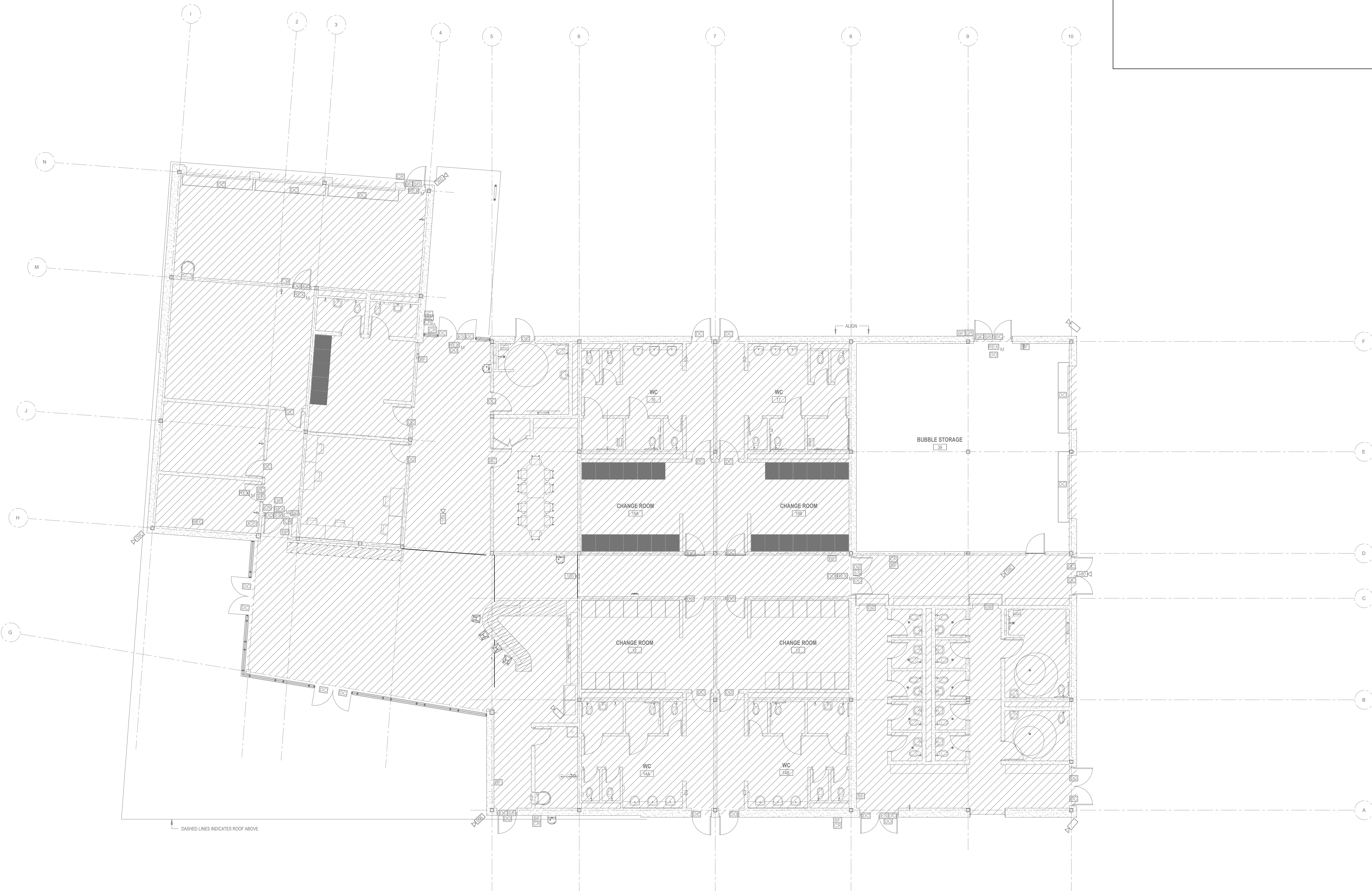
Revision Date



FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
EAST VSTS LEGACY DEMO
SECURITY LAYOUT

project no. : 2024-0112
scale : 1:100
date : MAY 2024

drawing no. :



KEYNOTES

1 SCOPE WITHIN THIS AREA SHALL BE SEPARATE PRICE.

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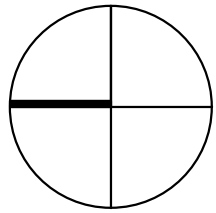
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1. ISSUED FOR CLASS C COSTING	06-28-2024
Revision	Date



FIFA - EAST VSTS
CENTENNIAL PARK

Address: 56 Centennial Park Rd, Toronto, ON

EAST VSTS LEGACY
SECURITY LAYOUT

project no. : 2024-0112

scale : 1:100

date : MAY 2024

drawing no. :

SD-203

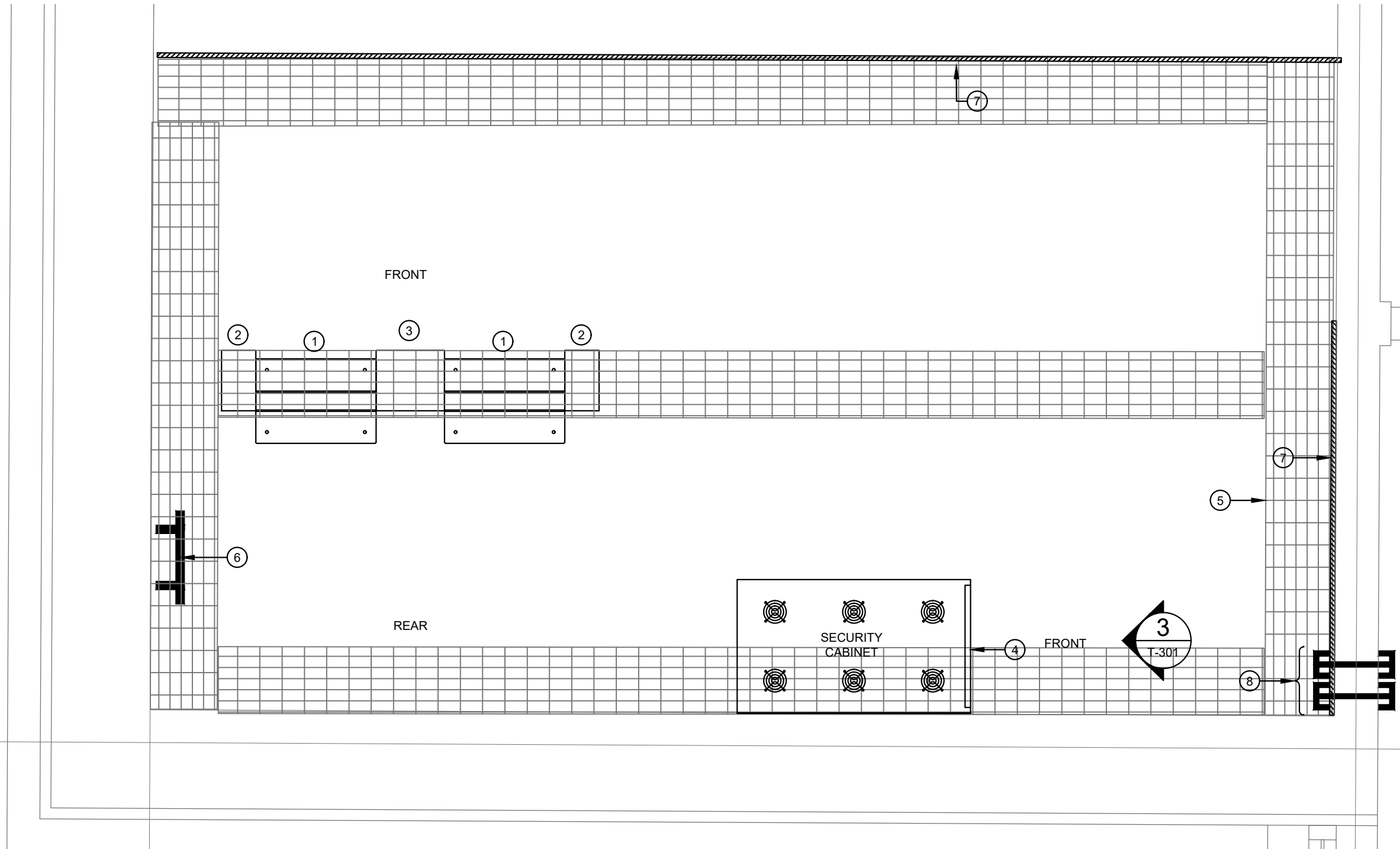
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- EQUIPMENT:
- 1 2-POST RACK (BY COMMS)
 - 2 6-INCH VERTICAL CABLE MANAGER (BY COMMS)
 - 3 12-INCH VERTICAL CABLE MANAGER (BY COMMS)
 - 4 25U SECURITY CABINET (BY COMMS)
 - 5 12"W x 4"D CABLE TRAY (BY COMMS)
 - 6 SECONDARY BONDING BUSBAR (BY DIV.26)
 - 7 4' x 8', 3/4" FIRE-RATED PLYWOOD (BY DIV.26)
 - 8 4" EMT SLEEVES (BY DIV. 26)



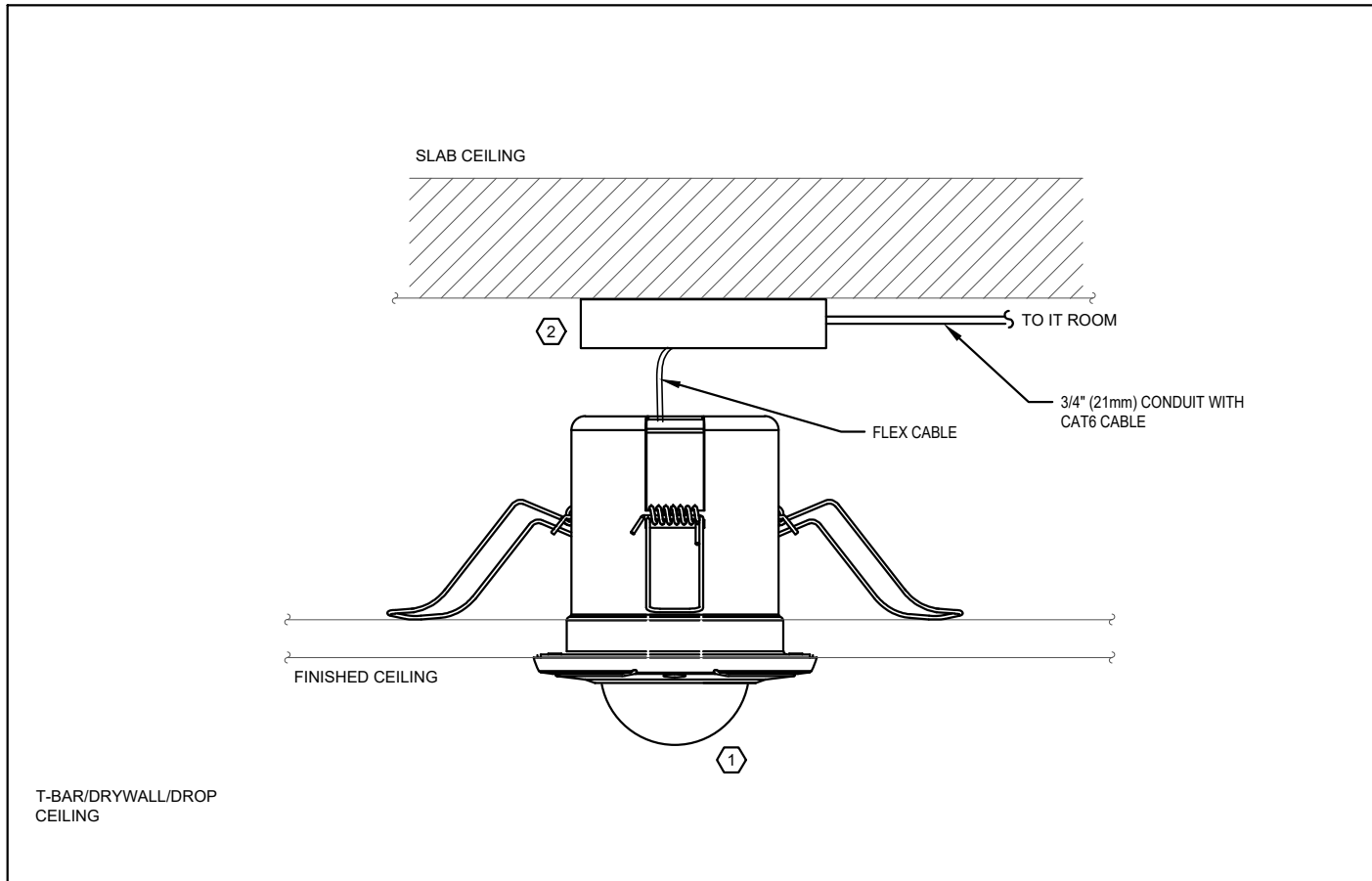
7 ROOM LAYOUT
SCALE: N.T.S.

CAMERA LEGEND & MATERIALS

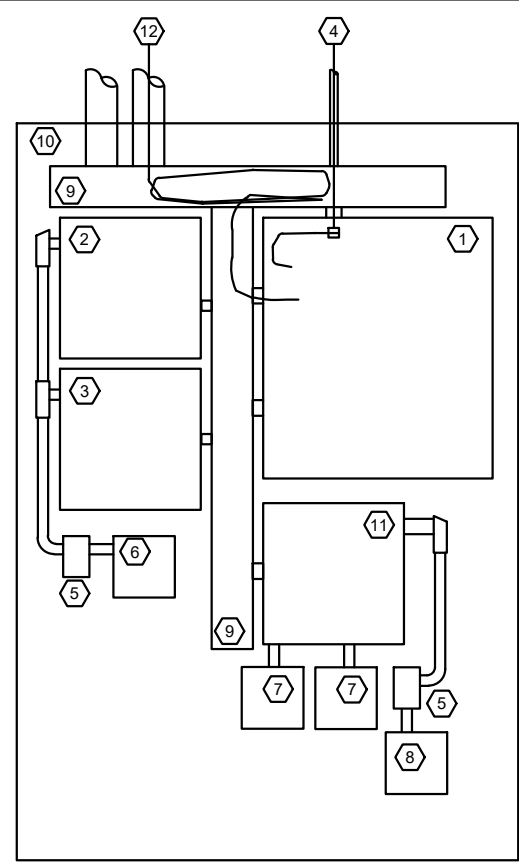
- | | |
|---|---|
| 1 SECURITY CAMERA | 4 STEEL STRAPS |
| 2 SECURITY JUNCTION BOX | 10 PENDANT KIT |
| 3 UTP MEDIA CONVERTOR | 11 AUXILIARY DEVICE (GLASS BREAK, AUDIBLE ALARM, MOTION DETECTOR, ETC.) |
| 4 POE INJECTOR | 12 BLUE STROBE LIGHT |
| 5 CAMERA POWER SUPPLY | 13 PUSH RED BUTTON FOR ASSISTANCE |
| 6 RECEPTACLE (BY ELECTRICAL CONTRACTOR) | 14 SPEAKER |
| 7 PENDANT ADAPTOR | 15 MICROPHONE |
| 8 SECURITY JUNCTION BOX | 16 VIDEO CAMERA FOR ASSISTANCE STATION |
| | 17 PARAPET MOUNT |

LINE TYPES LEGEND

- CABLE RAN INSIDE DOOR FRAMES/DOORS
- CONDUIT INSTALLED IN WALL SPACE



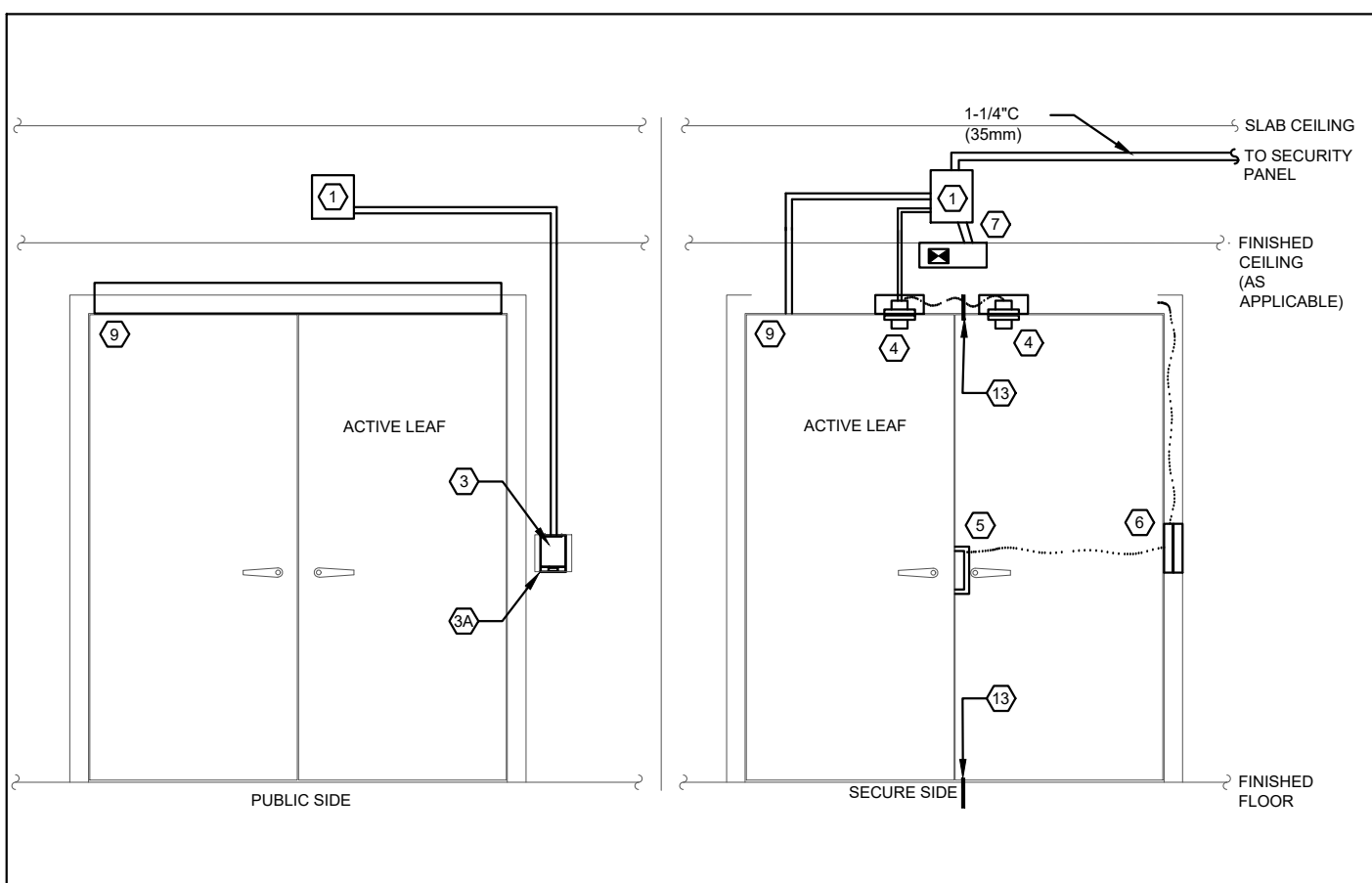
4 TYPICAL RECESSED MOUNTED CAMERA IN DROP CEILING
SCALE: N.T.S.



5 TYPICAL ACCESS CONTROL PANEL MOUNTING DETAIL
SCALE: N.T.S.

EQUIPMENT:

- 1 PACS INTELLIGENT CONTROL PANEL (16 READERS)
- 2 PACS PANEL POWER SUPPLY
- 3 ELECTRIC LOCK POWER SUPPLY
- 4 NETWORK CABLE W/ RJ45 MODULE & PATCH CABLE (BY COMMUNICATIONS CONTRACTOR)
- 5 120V FEED THROUGH BLANK GFI OUTLET
- 6 120V DIRECT CONNECT UPS/EMERGENCY POWER ON DEDICATED ELECTRICAL CIRCUIT
- 7 NC FIRE ALARM ADDRESSABLE RELAY FOR OVERRIDE/RESET (BY FA CONTRACTOR)
- 8 120V DIRECT CONNECT NORMAL POWER ON DEDICATED ELECTRICAL CIRCUIT
- 9 4" TROUGH OR WIRE CHANNEL W/ COVER PLATE
- 10 FIRE RATED PLYWOOD BACKBOARD
- 11 MAGLOCK/FAIL SAFE LOCK POWER SUPPLY
- 12 ACCESS CONTROL CABLE W/ SERVICE LOOP IN TROUGH (TYPICAL FOR EACH DOOR)



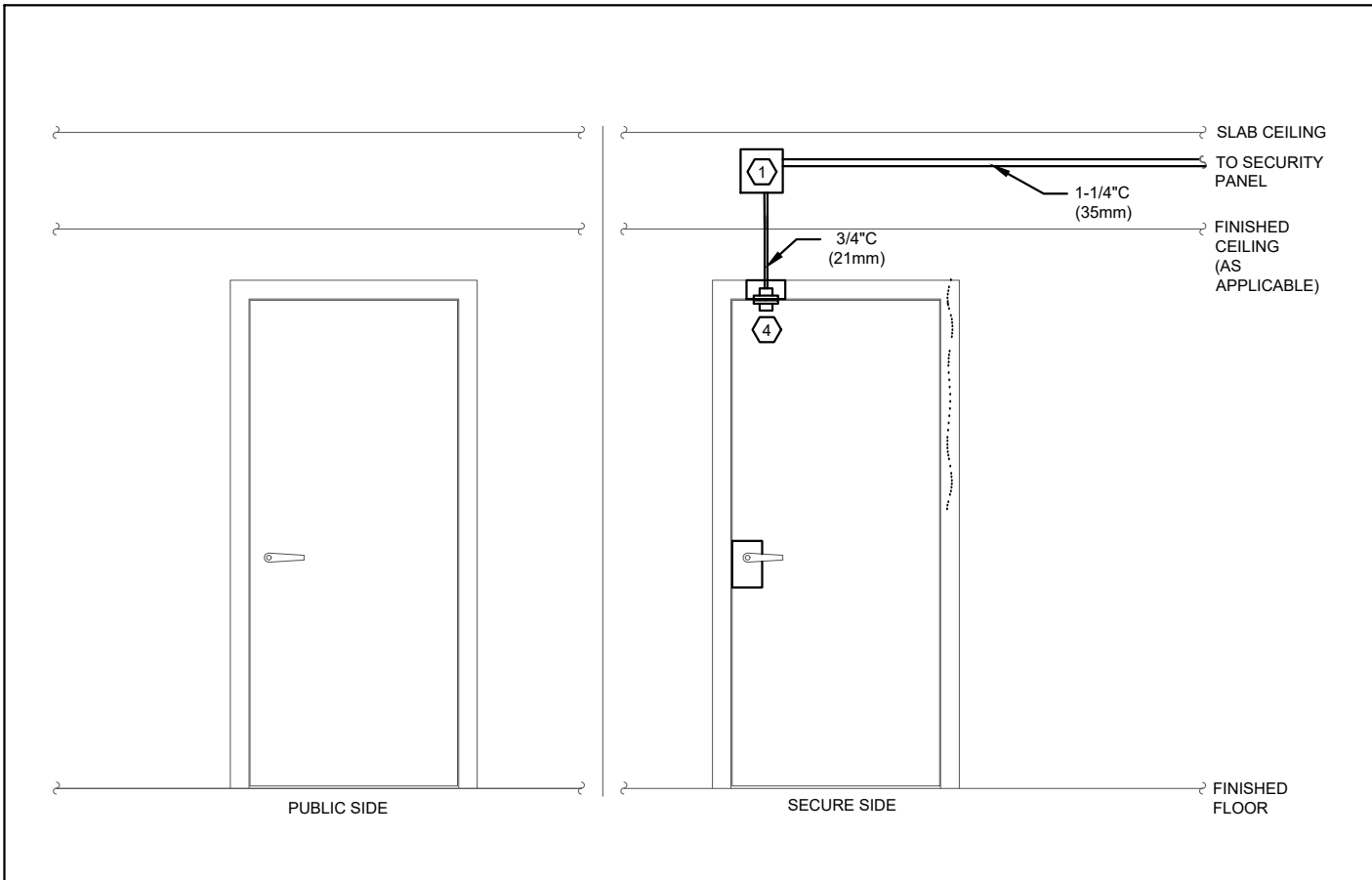
6 DOUBLE DOOR W/ READER IN
SCALE: N.T.S.

DOOR LEGEND & MATERIALS

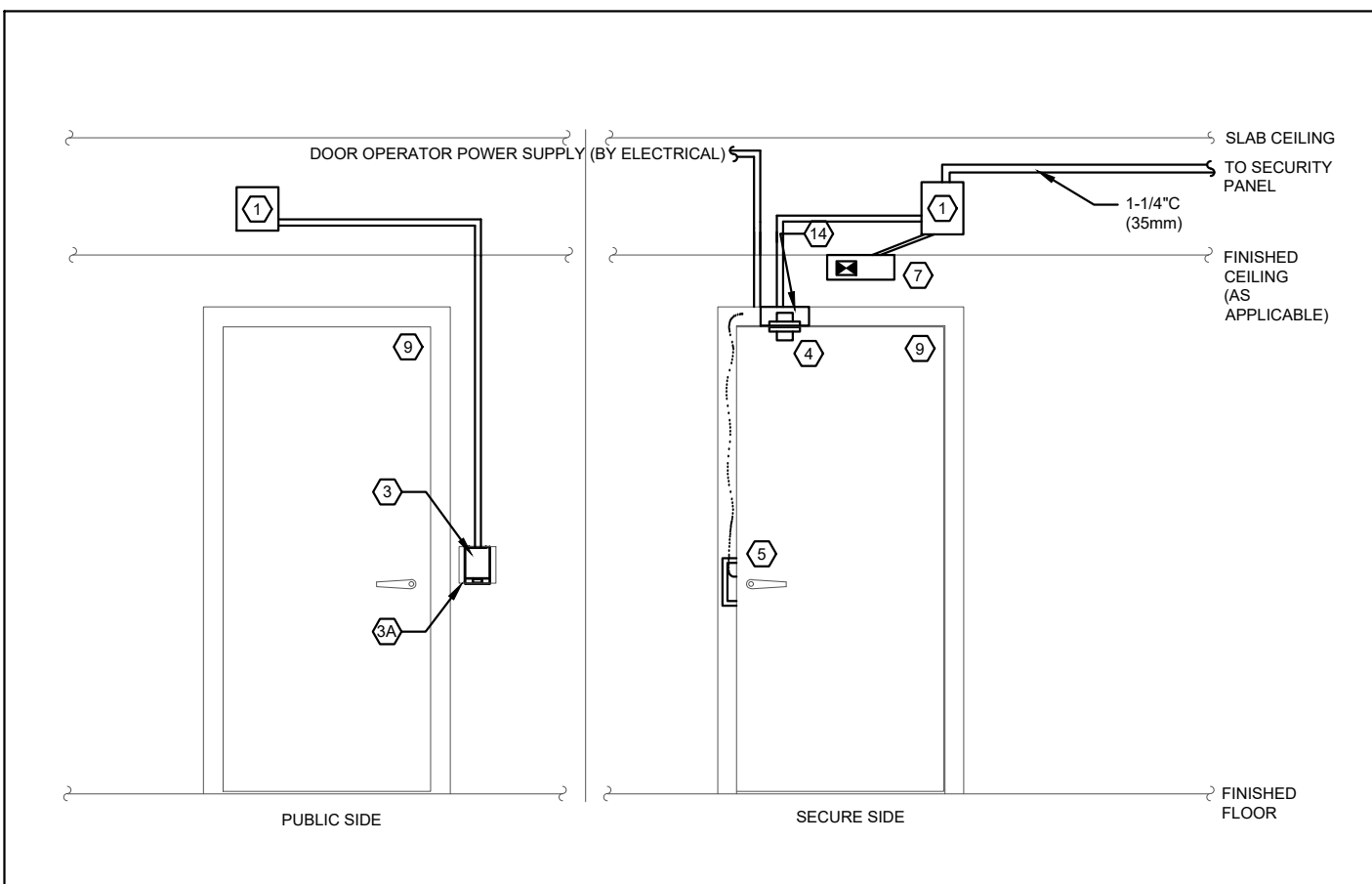
- | | |
|---|---|
| 1 SECURITY JUNCTION BOX ON SECURE SIDE OF DOOR (BY ELECTRICAL) | 16 OVER HEAD DOOR POSITION SENSOR WITH FLEXIBLE ARMOR CONDUIT |
| 2 MAGNETIC LOCK | 17 AUTOMATIC DOOR OPERATOR PUSH-BUTTON (BY DOOR HARDWARE) |
| 3 PROXIMITY CARD READER | 18 GUESTROOM WIRELESS LOCKSET W/ INTEGRATED CARD READER AND DOOR POSITION SWITCH TRIM PLATE (BY ELECTRICAL) |
| 4 DOUBLE GANG BACK BOX W/ SINGLE GANG TRIM PLATE (BY ELECTRICAL) | 19 WIRELESS LOCK GATEWAY |
| 5 RECESSED DOOR POSITION SWITCH | 20 PANIC BAR |
| 6 ELECTRIC STRIKE | 21 RETRACTABLE LATCH |
| 7 POWER TRANSFER HINGE | 22 FOH REMOTE CARD READER BEHIND DECORATIVE PLATE |
| 8 REQUEST TO EXIT MOTION DETECTOR | 23 ELECTRIC LOCK W/ INTEGRATED REQUEST TO EXIT (SUPPLIED BY DIV. 8, INSTALLED BY DIV. 28) |
| 9 REQUEST TO EXIT PUSH BUTTON | 24 WIRELESS LOCK SET WITH INTEGRATED CARD READER, DOOR SWITCH, AND REQUEST TO EXIT |
| 10 AUTO DOOR OPERATOR EQUIPMENT (BY DOOR HARDWARE) | 25 INTERCOM |
| 11 CONCEALED LATCHING DURESS BUTTON | 26 ELECTRIFIED PANIC W/ INTEGRATED REQUEST TO EXIT |
| 12 SINGLE GANG LATCHING DURESS | 27 WIRED LOCK GATEWAY |
| 13 MANUAL FIRE ALARM PULL STATION C/W AUXILIARY CONTACTS (BY FIRE ALARM CONTRACTOR) | 28 GUESTROOM MANAGEMENT SYSTEM CONTROLLER BY GUESTROOM MANAGEMENT |
| 14 MECHANICAL FLUSH BOLT | |
| 15 DUST BOX / MORTAR SHIELD IN FRAME AS REQUIRED (BY DOOR HARDWARE) | |

LINE TYPES LEGEND

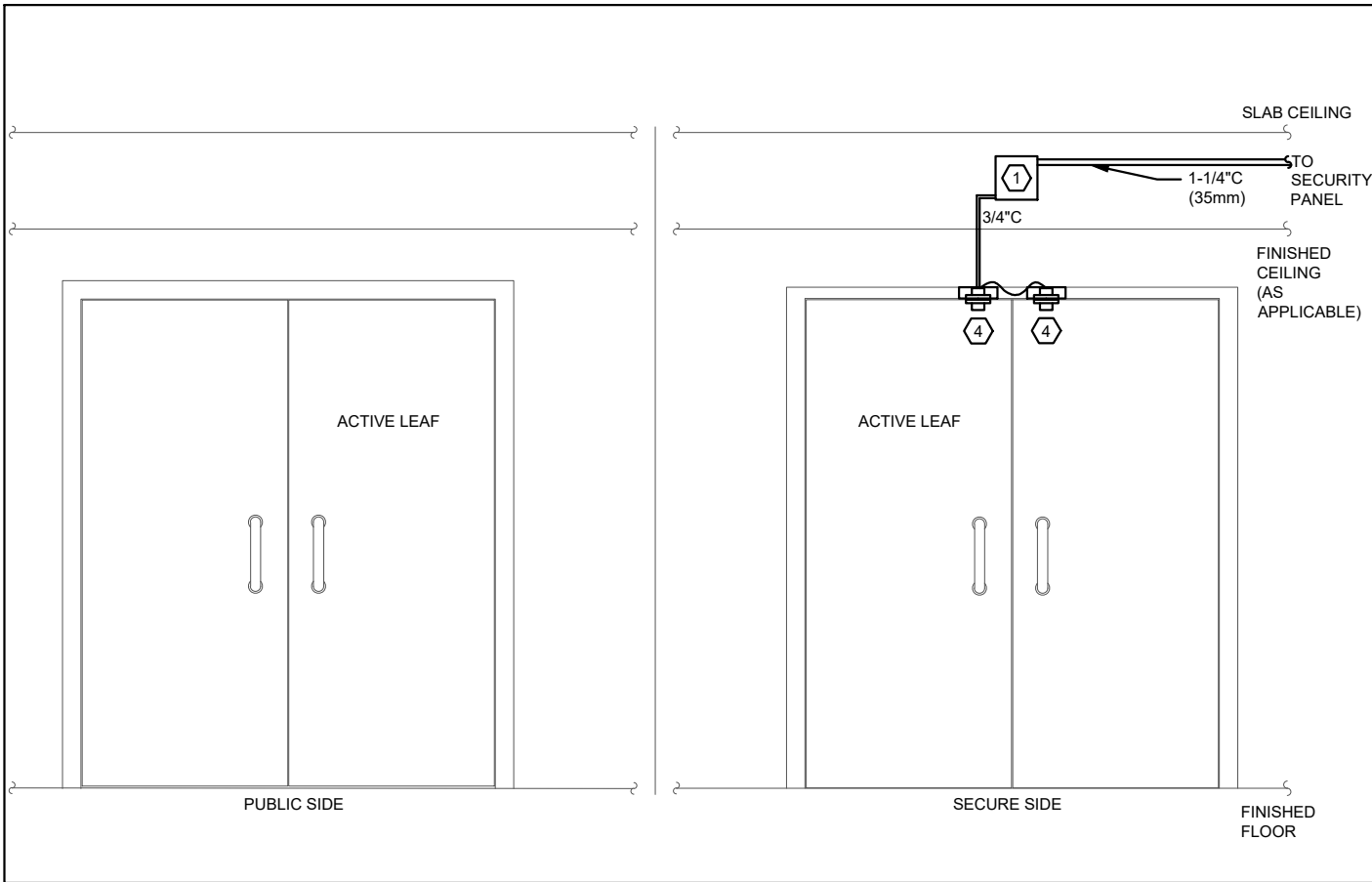
- CABLE INSIDE DOOR FRAMES/DOORS
- CONDUIT INSTALLED IN WALL SPACE
- CONDUIT INSTALLED IN CEILING SPACE



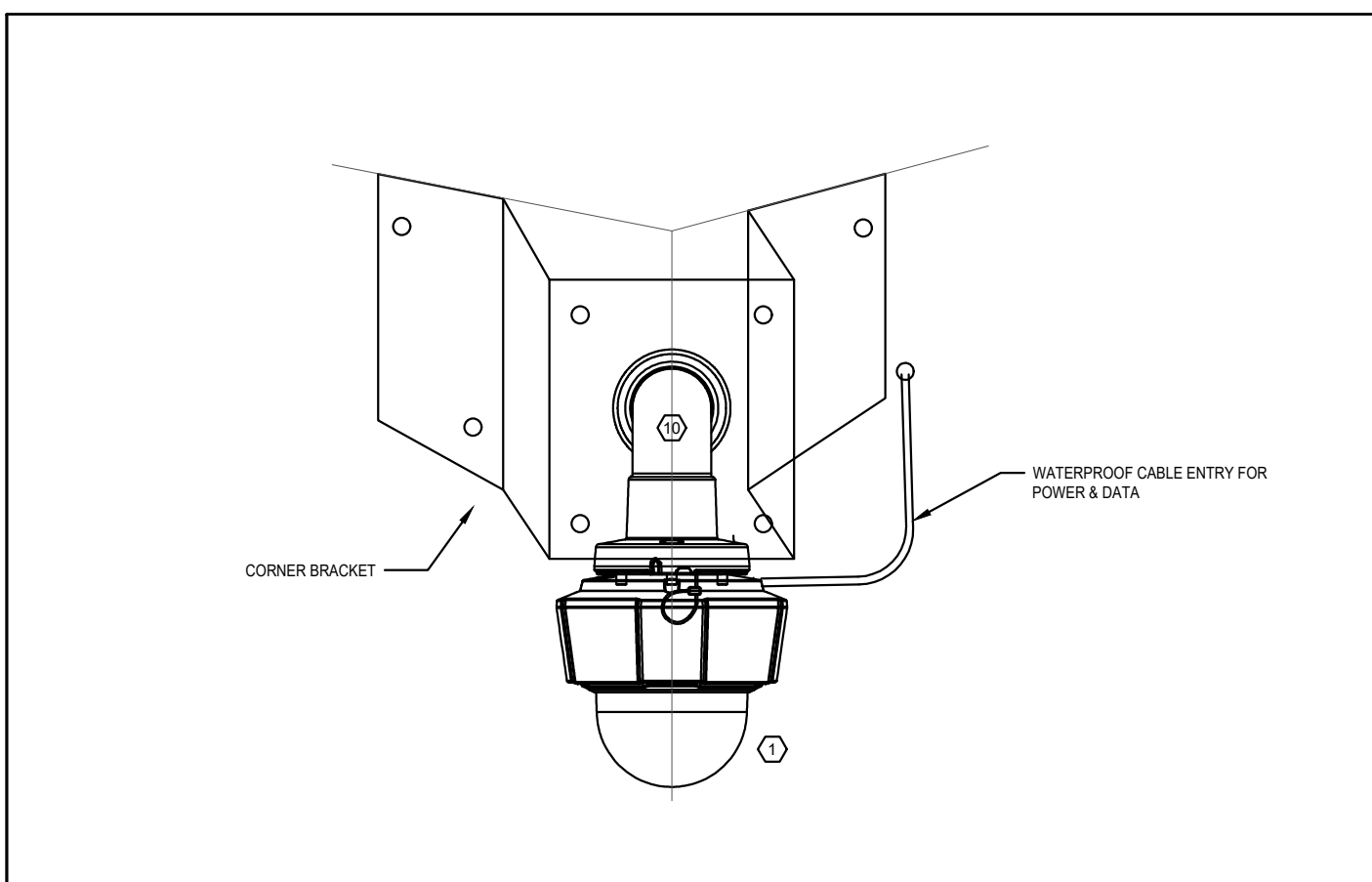
1 SINGLE DOOR MONITORED DOOR
SCALE: N.T.S.



2 SINGLE DOOR W/ READER IN
SCALE: N.T.S.

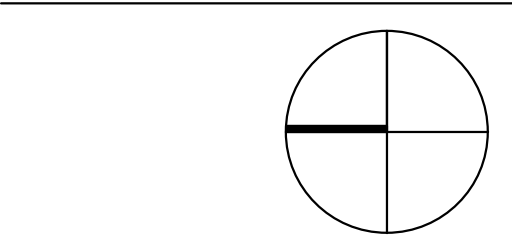


3 MONITORED DOUBLE DOOR
SCALE: N.T.S.



8 EXTERIOR CORNER MOUNT CAMERA
SCALE: N.T.S.

5. ISSUED FOR ADDENDUM SD-01	12-18-2024
4. ISSUED FOR TENDER	11-08-2024
3. ISSUED FOR PROGRESS SET	08-16-2024
2. ISSUED FOR PROGRESS SET	07-30-2024
1. ISSUED FOR CLASS C COSTING	06-28-2024



FIFA - EAST VSTS
CENTENNIAL PARK

Address: 56 Centennial Park Rd, Toronto, ON

DETAILS

project no. : 2024-0112
scale : N.T.S.
date : MAY 2024

drawing no. :

general notes :

































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DIVISION OF RESPONSIBILITY			ABBREVIATIONS: S - SUPPLY, I - INSTALL, C - COORDINATE			
SCOPE	AUDIO VISUAL CONTRACTOR	OWNER	GENERAL CONTRACTOR	ELECTRICAL CONTRACTOR	COMMUNICATIONS CONTRACTOR	FURNITURE SUPPLIER
CABLE, RACEWAY & INFRASTRUCTURE						
CONDUIT, DEVICE BOXES, PULLBOXES, JUNCTION BOXES				S&I		
SURFACE AND OVER FLOOR RACEWAY				S&I		
CABLE TRAY					S&I	
*J' HOOKS					S&I	
FLOOR BOXES				S&I		
SPECIALTY BOXES, ENCLOSURES, SPEAKER BACK BOXES	S			I		
AV WIRE AND CABLE	S&I					
AV WIRE AND CABLE TERMINATION	S&I					
POWER						
POWER FOR AV EQUIPMENT				S&I		
AV RACK POWER DISTRIBUTION	S&I					
EQUIPMENT BACKING AND SUPPORT						
STRUCTURAL SUPPORT FOR AV EQUIPMENT	C			S&I		
SUPPLEMENTARY SUPPORT HARDWARE, UNISTRUT, CUSTOM FRAMES, ETC.	S&I					
TELECOMMUNICATIONS NETWORK AND HARDWARE						
NETWORK CABLE & CONNECTIONS					S&I	
NETWORK HARDWARE					S&I	
SPECIALTY NETWORK SWITCHES & HARDWARE REQUIRED FOR AV	S&I					
TABLE BOXES FOR AV EQUIPMENT						S&I
LIFE SAFETY						
FIRE ALARM CABLING AND CONNECTION POINT TO AV LOCATIONS				S&I		
CONNECTION TO FIRE ALARM SYSTEM	S&I					

CABLE SPECIFICATIONS					
SIGNAL TYPE	MANUFACTURER	PART NUMBER	ACCEPTABLE ALTERNATES	DESCRIPTION	RATING
ML	BELDEN	9451P	WEST PENN, LIBERTY, CAROL	1 PAIR, 22AWG SHIELDED	FT6
70V	BELDEN	6200UE	WEST PENN, LIBERTY, CAROL	1 PAIR, 16AWG	FT6
LS16	BELDEN	6200UE	WEST PENN, LIBERTY, CAROL	1 PAIR, 16AWG	FT6
LS14	BELDEN	6100UE	WEST PENN, LIBERTY, CAROL	1 PAIR, 16AWG	FT6
LS12	BELDEN	6000UE	WEST PENN, LIBERTY, CAROL	1 PAIR, 16AWG	FT6
CTRL	BELDEN	9451	WEST PENN, LIBERTY, CAROL	1 PAIR, 22AWG SHIELDED	FT6
CAT6	BELDEN	2413	PANDUIT, COMMSCOPE	4 PAIR, 23AWG	FT6
CAT6	BELDEN	AV6UP	PANDUIT, COMMSCOPE	4 PAIR, 23 AWG	FT6
CAT6-STP	BELDEN	2413F	PANDUIT, COMMSCOPE	4 PAIR, 23AWG F/UTP	FT6
CAT6-STP	BELDEN	AV6SHP	PANDUIT, COMMSCOPE	4 PAIR, 23AWG F/UTP	FT6
HDBASE-T	BELDEN	2183P	PANDUIT, COMMSCOPE	4 PAIR, 23AWG F/UTP	FT6
CAT6A	BELDEN	10GXW13	PANDUIT, COMMSCOPE	4 PAIR, 23AWG UTP	FT6
SDI	BELDEN	1695A	COMMSCOPE	RG6, 75 OHM	FT6
12G-SDI	BELDEN	4694P		RG6, 75 OHM	FT6
RG58	BELDEN	89913	COMMSCOPE	RG58U, 50 OHM	FT6
RG8	BELDEN	88240		RG8U, 50 OHM	FT6
NET	CRESTRON	CRESNET-P		1 PAIR 18AWG, 1 PAIR 22AWG SHIELDED	FT6
8G	CRESTRON	DM-CBL-8G-P		4 PAIR 23AWG F/UTP	FT6
SM-F	CORNING	006U88-31131-29	OFS	MIC 6 ST TIGHT BUFFER OS2, CLEAR CURVE	FT6
MM-F	CORNING	006T88-31190-29	OFS	MIC 6 ST TIGHT BUFFER OM4	FT6
DMX	BELDEN	89942	WEST PENN, LIBERTY, CAROL	2 PAIR 24AWG SHIELDED	FT6

AUDIO VISUAL LEGEND		EXISTING DEVICES ARE TONED :  
 XX	INPUT/OUTPUT DEVICE - WALL MOUNT - X GANG SIZE, XX TYPE	
X  XX	INPUT/OUTPUT DEVICE - FURNITURE MOUNT - X GANG SIZE, XX TYPE	
X  XX	INPUT/OUTPUT DEVICE - FLOOR BOX MOUNT - X GANG SIZE, XX TYPE	
X  XX	SPEAKER - CEILING MOUNT X P - PENDANT, R - RECESSED, S - SURFACE XX TYPE	
 XX	SPEAKER - WALL MOUNT X R - RECESSED, S - SURFACE XX TYPE	
X  XX	MICROPHONE - CEILING X P - PENDANT, R - RECESSED, S - SURFACE XX TYPE	
XX  X	MICROPHONE - TABLE X R - RECESSED, S - SURFACE XX TYPE	
 XX	USER INTERFACE - WALL MOUNT - X GANG SIZE, XX TYPE	
 XX	USER INTERFACE - FURNITURE MOUNT - XX TYPE	
 X	PROJECTOR - CEILING MOUNT - X TYPE	
 X	PROJECTOR - WALL/FURNITURE MOUNT - X TYPE	
X  XX	CAMERA - CEILING MOUNT - X TYPE 1, XX TYPE 2	
X  XX	CAMERA - WALL MOUNT - X TYPE 1, XX TYPE 2	
XX  ①	DISPLAY - CEILING MOUNT - X TYPE, XX SIZE	
 XX	DISPLAY - WALL MOUNT - X TYPE, XX SIZE	
X  XX	PROJECTION SCREEN - CEILING MOUNT X - R - RECESSED, S - SURFACE XX TYPE	
 X XX	PROJECTION SCREEN - WALL MOUNT X - F - FIXED, M - MOTORIZED XX TYPE	
① X	ANTENNA - CEILING MOUNT - X TYPE	
 X	ANTENNA - WALL MOUNT - X TYPE	
 XX	AV RACK - XX TYPE	
X  XX	CONTROL DEVICE - CEILING MOUNT - X TYPE 1, XX TYPE 2	
 XX	CONTROL DEVICE - WALL MOUNT - X TYPE 1, XX TYPE 2	
DEMOLITION		
R RL RE	R - REMOVE RL - RELOCATE RE - RELOCATED	
	DENOTES EXISTING EQUIPMENT, DEVICES, CONDUIT TO BE 'REMOVED'	
 R	DENOTES EXISTING DEVICES TO BE 'REMOVED'	
 ①  ①	DENOTES EXISTING DEVICES TO BE 'RELOCATED'	
DRAWING ANNOTATION LEGEND		
	'REFER TO KEYNOTE NOTE' NUMBER	
	'REFER TO DETAIL NOTE' NUMBER	
	DENOTES EXISTING DEVICE(S), WIRING OR CONDUIT TO BE 'REMOVED'	
 DWG. AV-XXX DWG. AV-XXX	DENOTES MATCHLINE	
	DENOTES DETAIL CALL OUT	

AUDIOVISUAL DRAWING LIST			
DWG. No.	DRAWING TITLE		
AV-001	DRAWING LIST, PROJECT NOTES, AND LEGEND		
AV-201	EAST VSTS KEYPLAN		
AV-301	EAST VSTS DEVICE PLANS		
AV-401	FUNCTIONAL DIAGRAMS		
AV-501	DETAILS		
AV-601	RISER		
PROJECT NOTES			
1. DEVICE LOCATIONS INDICATED ON DRAWINGS ARE APPROXIMATE. COORDINATE FINAL INSTALLATION LOCATIONS AND DETAILS WITH THE ARCHITECT. REFER TO ARCHITECTURAL, ELECTRICAL & COMMUNICATIONS DRAWINGS AND REVIEW SITE CONDITIONS FOR INSTALLATION REQUIREMENTS. COORDINATE FINAL DEVICE LOCATIONS TO SUIT SITE CONDITIONS.			
2. ARCHITECTURAL PLAN DRAWING BACKGROUNDS ARE FOR REFERENCE ONLY. REFER TO PROJECT ARCHITECTURAL DRAWINGS AND SITE CONDITIONS. SITE MEASURE FOR EXACT DIMENSIONS AND INSTALLATION REQUIREMENTS.			
3. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE AUDIOVISUAL SPECIFICATIONS.			
4. PROVIDE ALL REQUIRED CUTTING, BORING, PATCHING AND FINISHING NECESSARY TO PROVIDE A COMPLETE INSTALLATION. PROVIDE ALL MOUNTS, BACK BOXES, ADAPTERS, FACEPLATES, BEZELS, TRIM, ETC. UNLESS OTHERWISE NOTED.			
5. ALL SLAB AND WALL PENETRATIONS TO BE FIRE-STOPPED AS REQUIRED TO MAINTAIN FIRE RATING OF SLAB OR WALL. FIRE STOPPING MATERIAL SHALL BE A TYPE THAT WILL ALLOW ADDITIONAL CABLES TO BE INSTALLED IN THE FUTURE.			
6. PROVIDE COMPLETE SHOP DRAWINGS AND DETAILS FOR ALL PROPOSED INSTALLATIONS. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATIONS.			
7. COORDINATE ALL INSTALLATIONS AND WORK. OBTAIN ALL NECESSARY APPROVALS AND PERMITS.			
8. PROVIDE ALL INSTALLATIONS IN COMPLIANCE WITH APPLICABLE CODES AND SITE INSTALLATION STANDARDS AND GUIDELINES.			
9. USE PLENUM RATED FT6 CABLE WHERE REQUIRED BY CODE.			
10. PROVIDE ALL DEVICES AND INSTALLATIONS WITH A COLOR AND FINISH TO MATCH THE INSTALLATION LOCATION. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATION OF DEVICES AND COMPONENTS.			
11. ALL AV CABLES TO HAVE TYPE PRINT IDENTIFICATION LABELS AT BOTH ENDS MATCHING CABLE SCHEDULE AND FUNCTIONAL DIAGRAM USING A ADHESIVE LABELING SYSTEM DESIGNED FOR CABLE IDENTIFICATION.			
12. ALL TERMINATION BLOCKS AND PATCH PANELS TO HAVE TYPE PRINT DESIGNATION LABELS IN ACCORDANCE WITH APPROVED SCHEDULES.			
13. NOTIFY THE ARCHITECT AND CONSULTANT OF ANY DRAWING DISCREPANCIES.			
14. DO NOT COPY OR DISTRIBUTE THESE AUDIOVISUAL DRAWINGS. UNAUTHORIZED DISTRIBUTION OF ANY PORTION OF THESE DRAWINGS, ELECTRONIC OR PAPER IS PROHIBITED.			
PROPOSED TENDER DRAWING NOTES - CONTRACTOR'S WORK SCHEDULE, NOISE EXEMPTION, AND FAIR WAGE COMPLIANCE			
<p>THE CONTRACTOR SHALL IMPLEMENT A COMPREHENSIVE PROJECT MANAGEMENT STRATEGY, ENSURING CONTINUOUS, ROUND-THE-CLOCK CONSTRUCTION ACTIVITIES TO MEET CRITICAL PROJECT MILESTONES AND THE FINAL COMPLETION DEADLINE ESTABLISHED BY THE OWNER IN THE CONTRACT DOCUMENTS. THE CONTRACTOR MUST DEVELOP A DETAILED WORK BREAKDOWN STRUCTURE (WBS) AND A RESOURCE-LOADED SCHEDULE TO EFFECTIVELY MANAGE MULTIPLE WORK SHIFTS, SUFFICIENT RESOURCES, INCLUDING BUT NOT LIMITED TO PERSONNEL AND EQUIPMENT, MUST BE ALLOCATED TO ENSURE OPERATIONS RUN 24 HOURS A DAY, 7 DAYS A WEEK, TO ELIMINATE POTENTIAL DELAYS. ALL 24-HOUR LABOR MUST STRICTLY COMPLY WITH THE CITY OF TORONTO FAIR WAGE REQUIREMENTS. FAILURE TO MEET THE PROJECT'S NON-NEGOTIABLE DEADLINE FOR THE FIFA WORLD CUP TREATMENT IN 2026 WILL RESULT IN PENALTIES, LIQUIDATED DAMAGES, AND OTHER REMEDIAL ACTIONS, AS OUTLINED IN THE PROJECT AGREEMENT.</p> <p>THE CONTRACTOR IS ALSO RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES COMPLY WITH THE CITY OF TORONTO'S FAIR WAGE OFFICE REGULATIONS. THIS PROJECT HAS BEEN GRANTED A NOISE EXEMPTION, ALLOWING CONSTRUCTION TO PROCEED BEYOND STANDARD WORKING HOURS. AS PART OF THE CONTRACTOR'S RISK MANAGEMENT PLAN, ALL AFTER-HOURS WORK, OVERTIME LABOR, AND EXTENDED SHIFTS REQUIRED TO MEET THE PROJECT DEADLINES MUST BE FACTORED INTO THE BASE BID. NO CHANGE ORDERS OR CLAIMS FOR ADDITIONAL COSTS RELATED TO OVERTIME OR AFTER-HOURS WORK WILL BE ACCEPTED, AS THESE OBLIGATIONS ARE CLEARLY OUTLINED IN THE CONTRACT DELIVERABLES.</p> <p>FURTHERMORE, WITH THE SUPPORT OF THE CLIENT, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COORDINATING ALL NECESSARY PERMITS, APPROVALS, AND NOTIFICATIONS WITH THE RELEVANT MUNICIPAL AUTHORITIES TO ENSURE COMPLIANCE WITH THE NOISE EXEMPTION AND OTHER REGULATORY OBLIGATIONS. REGULAR PROGRESS REPORTS, INCLUDING SCHEDULE UPDATES AND RESOURCE ALLOCATION REVIEWS, MUST BE PROVIDED TO THE PROJECT MANAGEMENT TEAM TO MAINTAIN TRANSPARENCY AND ENSURE EFFECTIVE COMMUNICATION THROUGHOUT THE PROJECT LIFECYCLE.</p>			
ACRONYMS & ABBREVIATIONS			
MANY OF THE ACRONYMS AND ABBREVIATIONS BELOW ARE USED IN COMBINATION WITH THE SYMBOLS IN THE AUDIOVISUAL LEGEND TO REFERENCE A SPECIFIC SCOPE OF WORK DESCRIBED IN THE DETAIL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THOROUGHLY ALL DETAILS FOR FURTHER GUIDANCE AND EXPECTATIONS ON SCOPE OF WORK.			
AFF	ABOVE FINISHED FLOOR	PR	PAIR
AFG	ABOVE FINISHED GRADE	RBP	ROOM BOOKING PANEL
BFC	BELOW FINISHED CEILING	RF	RADIO FREQUENCY
CCTV	CLOSED-CIRCUIT TELEVISION (CABLE FOR SECURITY CAMERA)	RU / U	RACK UNIT
CLG	CEILING	SMF	SINGLE-MODE FIBRE
DS	DIGITAL SIGNAGE	STP	SHIELDED TWISTED PAIR
EF	ENTRANCE FACILITY	TEMP	TEMPORARY
EMT	ELECTRICAL METALLIC TUBING	TYP	TYPICAL
FB	FLOORBOX	UPS	UNINTERRUPTIBLE POWER SUPPLY
JB	JUNCTION BOX	U/S	UNDERSIDE
MMF	MULTI-MODE FIBRE	UTP	UNSHIELDED TWISTED PAIR
NIC	NOT IN CONTRACT	WAP	WIRELESS ACCESS POINT
OFE	OWNER-FURNISHED EQUIPMENT		
PB	PULLBOX		

FIFA - EAST VSTS
CENTENNIAL PARK

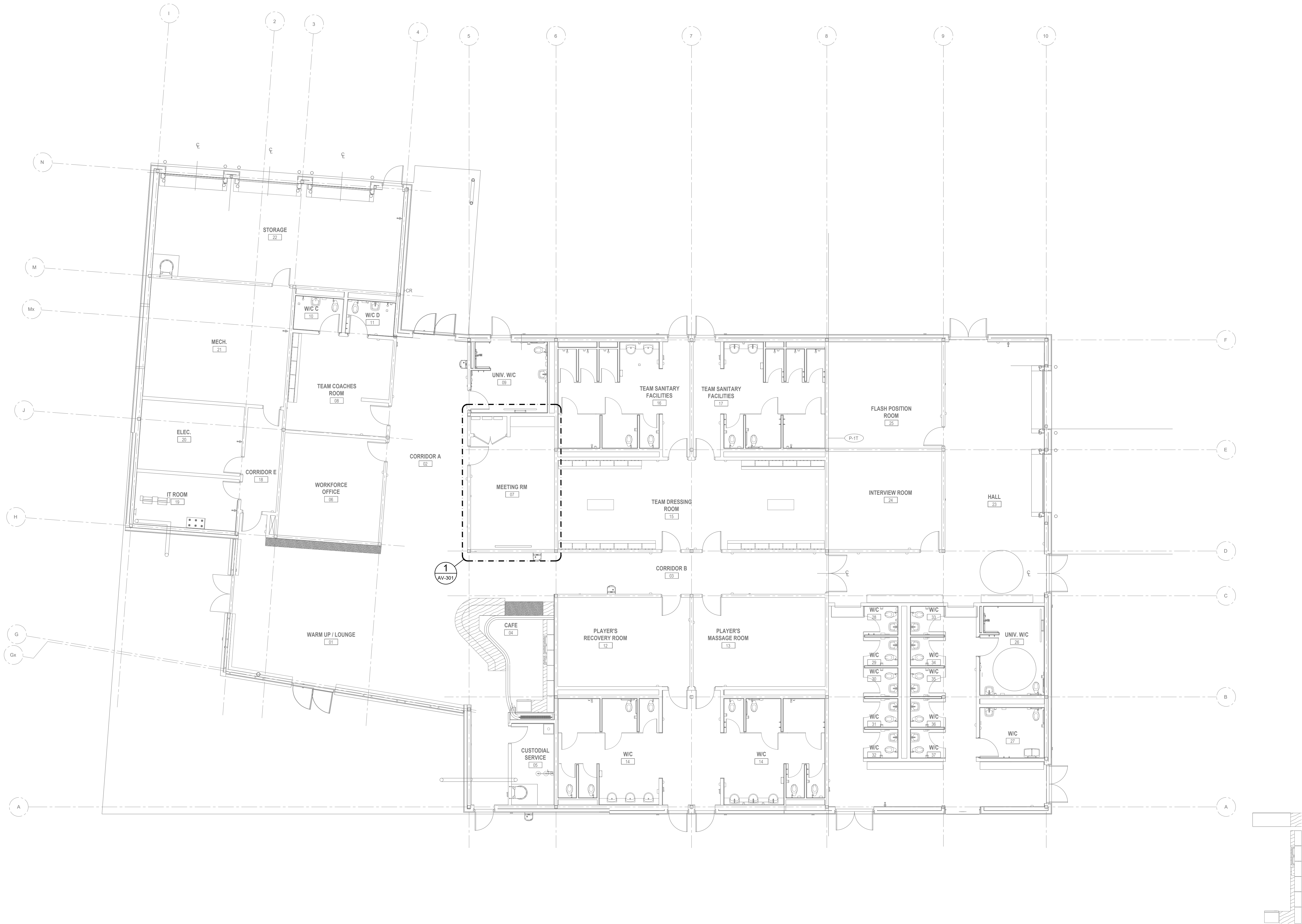
Address: 56 Centennial Park Rd, Toronto, ON

DRAWING LIST, NOTES, AND
LEGEND

project no. : 2024-0112
scale : N.T.S.
date : MAY 2024

drawing no. :

AV-001



general notes :

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3. ISSUED FOR PROGRESS	08-16-2024
2. RE-ISSUED FOR COORDINATION	08-06-2024
1. ISSUED FOR COORDINATION	08-30-2024

Revision: _____ Date: _____

FIFA - EAST VSTS
CENTENNIAL PARK

Address: 56 Centennial Park Rd, Toronto, ON

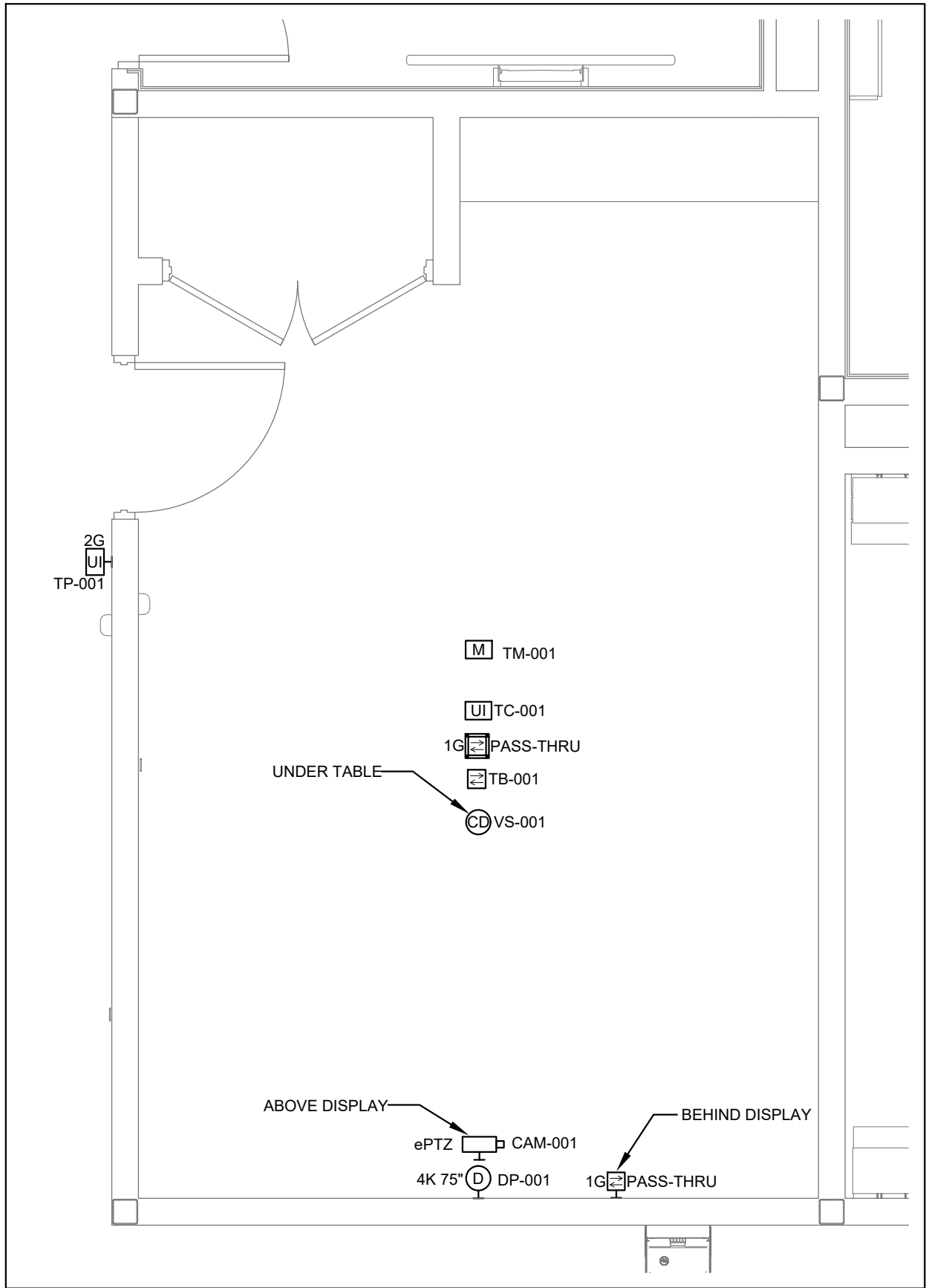
EAST VSTS KEYPLAN

project no. : 2024-0112
scale : 1:100
date : MAY 2024

drawing no. :

general notes :

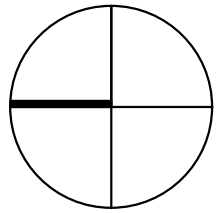
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1 MEETING ROOM [07] - AV DEVICE PLAN
AV-301 SCALE: 1:40

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2. RE-ISSUED FOR COORDINATION	08-06-2024
1. ISSUED FOR COORDINATION	08-30-2024

Revision: _____ Date: _____



FIFA - EAST VSTS
CENTENNIAL PARK

Address: 56 Centennial Park Rd, Toronto, ON

EAST VSTS DEVICE PLAN

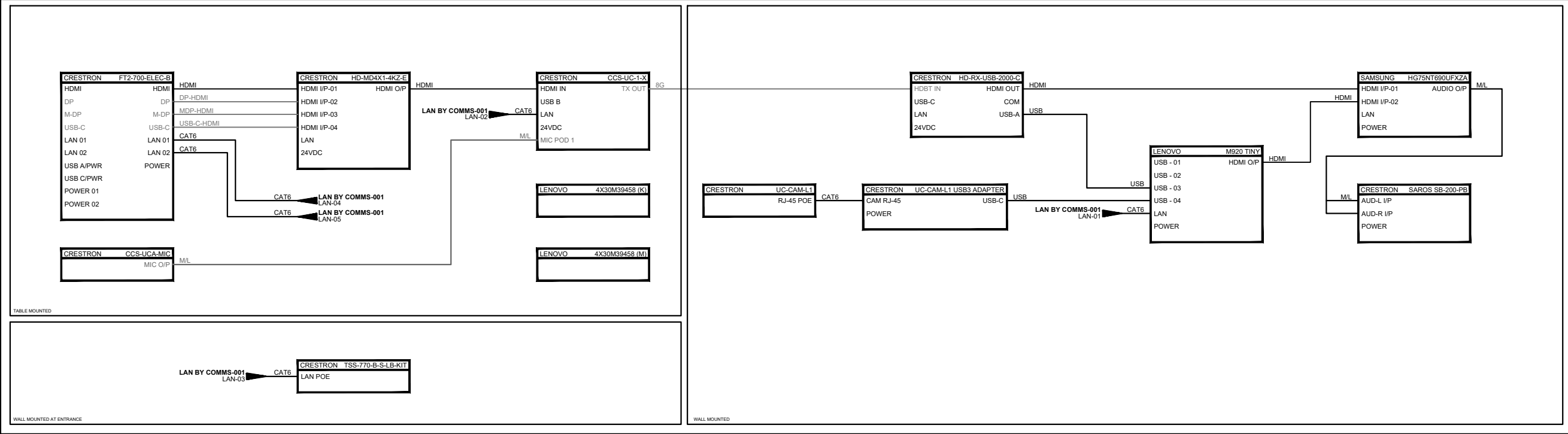
project no. : 2024-0112
scale : AS NOTED
date : MAY 2024

drawing no. :

AV-301

general notes :

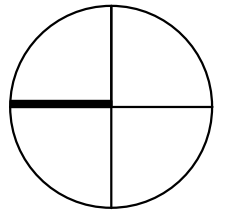
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1 MEETING ROOM [07] - AV FUNCTIONALDIAGRAM
AV-401 SCALE: NONE

5.	ISSUED FOR ADDENDUM No. 1	12-18-2024
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3.	ISSUED FOR PROGRESS	08-16-2024
2.	RE-ISSUED FOR COORDINATION	08-06-2024
1.	ISSUED FOR COORDINATION	08-30-2024

Revision: _____ Date: _____



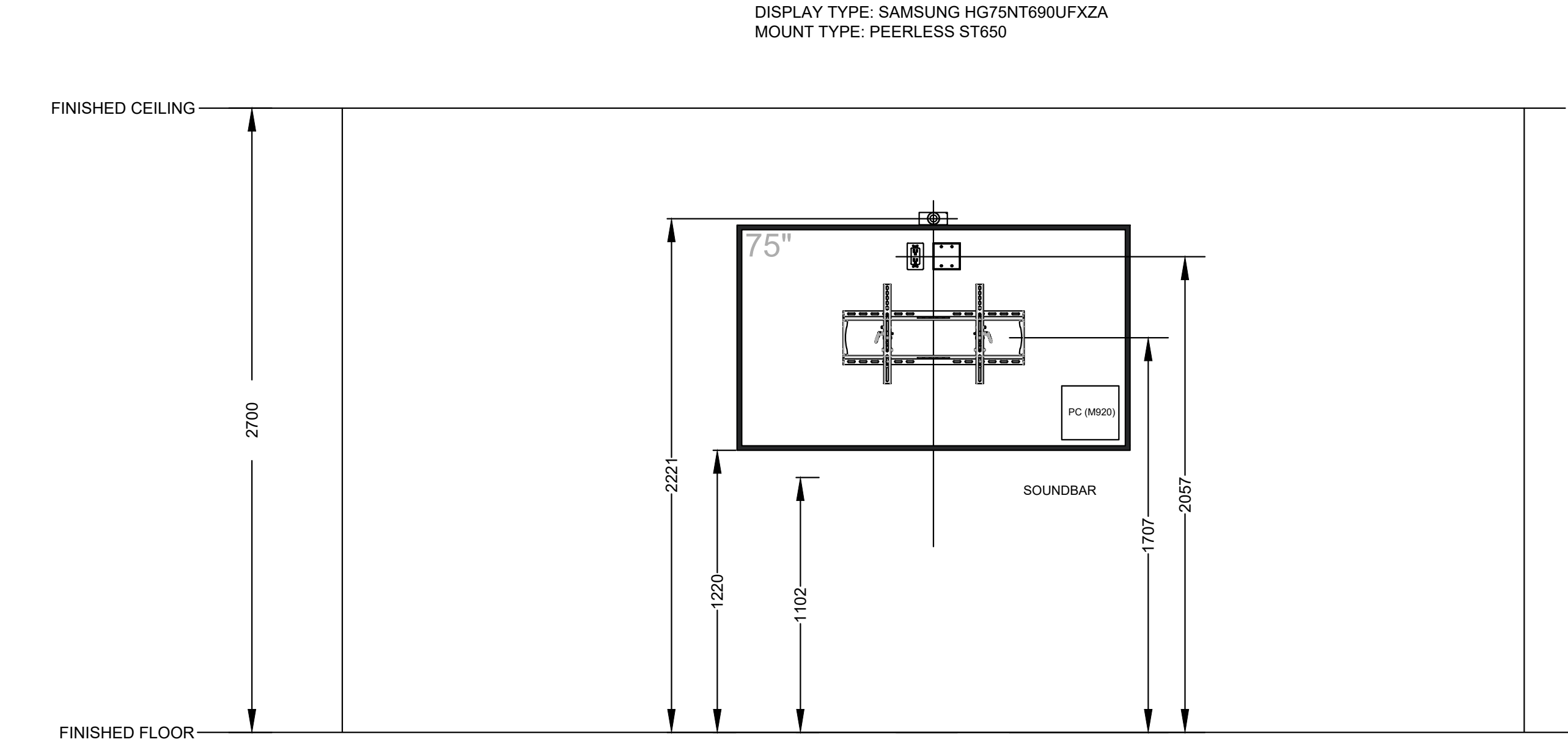
FIFA - EAST VSTS
CENTENNIAL PARK

Address: 56 Centennial Park Rd, Toronto, ON

FUNCTIONALS

project no. : 2024-0112
scale : N.T.S.
date : MAY 2024

drawing no. :

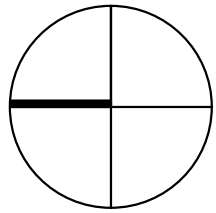


1 MEETING ROOM [07] - SOUTH WALL - ELEVATION
AV-501 SCALE: 1:20

- general notes :
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1. ISSUED FOR COORDINATION	08-30-2024

Revision Date



FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON

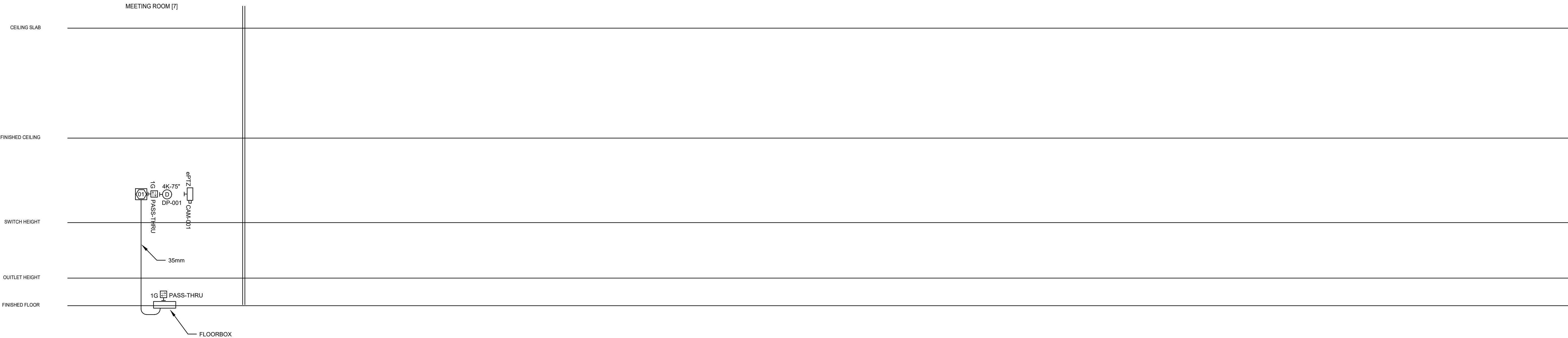
DETAILS

project no. : 2024-0112
scale : N.T.S.
date : MAY 2024

drawing no. :

general notes :


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NOTES

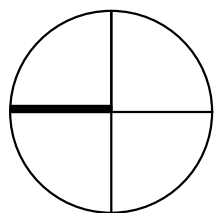
1. CONDUIT SIZE IS 19mm UNLESS OTHERWISE NOTED.

KEY NOTES

 4-11/16" DEEP BOX WITH 1-GANG MUD RING.

5. ISSUED FOR ADDENDUM No. 1	12-18-2024
4. ISSUED FOR TENDER	11-08-2024
3. ISSUED FOR PROGRESS	08-16-2024
2. RE-ISSUED FOR COORDINATION	08-06-2024
1. ISSUED FOR COORDINATION	08-30-2024

Revision: _____ Date: _____



FIFA - EAST VSTS
CENTENNIAL PARK

Address: 56 Centennial Park Rd, Toronto, ON

RISER

project no. : 2024-0112
scale : N.T.S.
date : MAY 2024

drawing no. :

AV-601

TENDER DRAWING NOTES





CONTRACTOR'S WORK SCHEDULE, NOISE EXEMPTION, AND FAIR WAGE COMPLIANCE

THE CONTRACTOR SHALL IMPLEMENT A COMPREHENSIVE PROJECT MANAGEMENT STRATEGY, ENSURING CONTINUOUS, ROUND-THE-CLOCK CONSTRUCTION ACTIVITIES TO MEET CRITICAL PROJECT MILESTONES AND THE FINAL COMPLETION DEADLINE ESTABLISHED BY THE OWNER IN THE CONTRACT DOCUMENTS. THE CONTRACTOR MUST DEVELOP A DETAILED WORK BREAKDOWN STRUCTURE (WBS) AND A RESOURCE-LOADED SCHEDULE TO EFFECTIVELY MANAGE MULTIPLE WORK SHIFTS, SUFFICIENT RESOURCES, INCLUDING BUT NOT LIMITED TO PERSONNEL AND EQUIPMENT, MUST BE ALLOCATED TO ENSURE OPERATIONS RUN 24 HOURS A DAY, 7 DAYS A WEEK, TO ELIMINATE POTENTIAL DELAYS. ALL 24-HOUR LABOR MUST STRICTLY COMPLY WITH THE CITY OF TORONTO FAIR WAGE REQUIREMENTS. FAILURE TO MEET THE PROJECT'S NON-NEGOTIABLE DEADLINE FOR THE FIFA WORLD CUP TREATMENT IN 2026 WILL RESULT IN PENALTIES, LIQUIDATED DAMAGES, AND OTHER REMEDIAL ACTIONS, AS OUTLINED IN THE PROJECT AGREEMENT.

THE CONTRACTOR IS ALSO RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES COMPLY WITH THE CITY OF TORONTO'S FAIR WAGE OFFICE REGULATIONS. THIS PROJECT HAS BEEN GRANTED A NOISE EXEMPTION, ALLOWING CONSTRUCTION TO PROCEED BEYOND STANDARD WORKING HOURS, AS PART OF THE CONTRACTOR'S RISK MANAGEMENT PLAN, ALL AFTER-HOURS WORK, OVERTIME LABOR, AND EXTENDED SHIFTS REQUIRED TO MEET THE PROJECT DEADLINES MUST BE FACTORED INTO THE BASE BID. NO CHANGE ORDERS OR CLAIMS FOR ADDITIONAL COSTS RELATED TO OVERTIME OR AFTER-HOURS WORK WILL BE ACCEPTED, AS THESE OBLIGATIONS ARE CLEARLY OUTLINED IN THE CONTRACT DELIVERABLES.

FURTHERMORE, WITH THE SUPPORT OF THE CLIENT, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COORDINATING ALL NECESSARY PERMITS, APPROVALS, AND NOTIFICATIONS WITH THE RELEVANT MUNICIPAL AUTHORITIES TO ENSURE COMPLIANCE WITH THE NOISE EXEMPTION AND OTHER REGULATORY OBLIGATIONS. REGULAR PROGRESS REPORTS, INCLUDING SCHEDULE UPDATES AND RESOURCE ALLOCATION REVIEWS, MUST BE PROVIDED TO THE PROJECT MANAGEMENT TEAM TO MAINTAIN TRANSPARENCY AND ENSURE EFFECTIVE COMMUNICATION THROUGHOUT THE PROJECT LIFECYCLE.

TELECOMMUNICATIONS LEGEND









EXISTING DEVICES
ARE TONED :  #  #  #  #

ALL SYMBOLS IN THIS LEGEND REPRESENT THE COMPLETE, END-TO-END INSTALLATION OF COMMUNICATIONS CABLES, TERMINATED, LABELLED, AND TESTED.











THIS INSTALLATION INCLUDES TERMINATION AT A PATCH PANEL OR BACKBOARD WITHIN THE NEAREST TELECOMMUNICATIONS ROOM/ENCLOSURE, TO THE TERMINATION AT THE SERVICE AREA OUTLET LOCATION IDENTIFIED ON THE FLOORPLANS.

CONTRACTOR SHALL REVIEW THOROUGHLY ALL TELECOMMUNICATIONS SPECIFICATIONS AND DRAWINGS FOR FURTHER INSTRUCTION ON TERMINATION REQUIREMENTS AND SCOPE OF WORK ASSOCIATED WITH THE SYMBOLS FOUND IN THIS LEGEND.
























COPPER LEGEND

OUTLET TYPE	MOUNT TYPE	
DATA / NETWORK 'A'		
 #	WALL	COMMUNICATIONS CABLE(S) DESIGNATED FOR DATA OR NETWORK 'A'. QUANTITIES OF CABLES EXCEEDING ONE (1) PER POSITION ARE INDICATED BY A NUMBER (#). SEE SPECIFICATIONS FOR CABLE/CONNECTOR TYPES, FINISHES, AND LABELLING REQUIREMENTS. ▽ = ONE (1) COMMUNICATIONS CABLE ² ▽ = TWO (2) COMMUNICATIONS CABLES, ETC...
 #	FLOOR	
 #	CEILING	
 #	FURNITURE	
VOICE / NETWORK 'B'		
 #	WALL	COMMUNICATIONS CABLE(S) DESIGNATED FOR VOICE OR NETWORK 'B'. QUANTITIES OF CABLES EXCEEDING ONE (1) PER POSITION ARE INDICATED BY A NUMBER (#). SEE SPECIFICATIONS FOR CABLE/CONNECTOR TYPES, FINISHES, AND LABELLING REQUIREMENTS.
 #	FLOOR	
 #	CEILING	
 #	FURNITURE	

FIBRE LEGEND

COMMUNICATIONS CABLE(S)		
 # # # #	WALL	COMMUNICATIONS CABLE(S) DESIGNATED FOR DATA AND VOICE OR NETWORK 'A' AND NETWORK 'B'. QUANTITIES AND TYPES OF CABLE PER POSITION ARE INDICATED BY A NUMBER (#) AND LETTER 'D' FOR DATA, 'V' FOR VOICE, 'A' AND 'B' FOR SEGMENTED NETWORKS. SEE SPECIFICATIONS FOR CABLE/CONNECTOR TYPES, FINISHES, AND LABELLING REQUIREMENTS.
 # # # #	FLOOR	
 # # # #	CEILING	
 # # # #	FURNITURE	
TV		
 #	WALL	COAXIAL CABLE(S) FOR AV APPLICATIONS. QUANTITIES PER POSITION EXCEEDING ONE (1) ARE INDICATED BY A NUMBER (#). SEE SPECIFICATIONS FOR CABLE/CONNECTOR TYPES, FINISHES, AND LABELLING REQUIREMENTS.
 #	FLOOR	
 #	CEILING	
 #	FURNITURE	
SECURITY		
 #	WALL	COMMUNICATIONS CABLE(S) DESIGNATED FOR IP-BASED SECURITY CAMERAS. QUANTITIES OF COMMUNICATIONS CABLES EXCEEDING ONE (1) PER POSITION ARE INDICATED BY A NUMBER (#). SEE SPECIFICATIONS FOR CABLE/MODULE TYPES, FINISHES, AND LABELLING REQUIREMENTS.
 #	CEILING	

DRAWING ANNOTATION LEGEND

OUTLET TYPE	MOUNT TYPE	
SINGLE-MODE		
 #	WALL	SMF COMMUNICATIONS CABLE(S). STRAND QUANTITIES EXCEEDING ONE (1) PER POSITION ARE INDICATED BY A NUMBER (#). SEE SPECIFICATIONS FOR CABLE, CONNECTOR/POLISH, TERMINATION TYPES, AND LABELLING REQUIREMENTS.
 #	FLOOR	
 #	CEILING	
 #	FURNITURE	
MULTI-MODE		
 #	WALL	MMF COMMUNICATIONS CABLE(S). STRAND QUANTITIES EXCEEDING ONE (1) PER POSITION ARE INDICATED BY A NUMBER (#). SEE SPECIFICATIONS FOR CABLE, CONNECTOR, TERMINATION TYPES, AND LABELLING REQUIREMENTS.
 #	FLOOR	
 #	CEILING	
 #	FURNITURE	
PUBLIC ADDRESS SYSTEM LOCATION		
 #	WALL	PUBLIC ADDRESS SYSTEM SPEAKER (SEE SPECIFICATIONS FOR PRODUCT)
 #	CEILING	
MISCELLANEOUS DISTRIBUTION (BY DIV. 26)		
	CONDUIT RUN UP	
	CONDUIT RUN DOWN	
	CONDUIT STUB	
	SURFACE RACEWAY	
	SERVICE POLE - SERVICE POLE FEED TO FURNITURE SYSTEM	
	FEED FOR POWER & COMMUNICATIONS TO SYSTEM FURNITURE - WALL	
	FEED FOR POWER & COMMUNICATIONS TO SYSTEM FURNITURE - FLOOR	
DRAWING ANNOTATION LEGEND		
	'REFER TO KEYNOTE NOTE' NUMBER	
	'REFER TO DETAIL NOTE' NUMBER	
	DENOTES EXISTING DEVICE(S), WIRING OR CONDUIT TO BE 'REMOVED'	
	DENOTES MATCHLINE	
	DENOTES CROSS SECTION DETAIL CALL OUT	
	DENOTES DETAIL CALL OUT	

TELECOMMUNICATIONS DRAWING LIST

DWG. No.	DRAWING TITLE
T-001	DRAWING LIST, PROJECT NOTES, AND LEGEND
T-201	EAST VSTS GAME TELECOM LAYOUT
T-202	EAST VSTS LEGACY TELECOM DEMO LAYOUT
T-203	EAST VSTS LEGACY TELECOM LAYOUT
T-301	EAST VSTS IT ROOM LAYOUT & ELEVATIONS
T-401	DETAILS

PROJECT NOTES

1. DEVICE LOCATIONS INDICATED ON DRAWINGS ARE APPROXIMATE. COORDINATE FINAL INSTALLATION LOCATIONS AND DETAILS WITH THE ARCHITECT/INTERIOR DESIGNER. REFER TO ARCHITECTURAL DRAWINGS AND REVIEW SITE CONDITIONS FOR INSTALLATION REQUIREMENTS. COORDINATE FINAL DEVICE LOCATIONS TO SUIT SITE CONDITIONS.
2. CONTRACTOR IS RESPONSIBLE FOR REVIEWING ARCHITECTURAL, ELECTRICAL, AND AUDIOVISUAL DRAWINGS.
3. ARCHITECTURAL PLAN DRAWING BACKGROUNDS ARE FOR REFERENCE ONLY. REFER TO PROJECT ARCHITECTURAL DRAWINGS AND SITE CONDITIONS. SITE MEASURE FOR EXACT DIMENSIONS AND INSTALLATION REQUIREMENTS.
4. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE TELECOMMUNICATIONS SPECIFICATIONS.
5. PROVIDE ALL MOUNTS, BACK BOXES, ADAPTERS, FACEPLATES, BEZELS, TRIM, ETC. UNLESS OTHERWISE NOTED.
6. ALL SLAB AND WALL PENETRATIONS TO BE FIRE-STOPPED AS REQUIRED TO MAINTAIN FIRE RATING OF SLAB OR WALL. FIRE STOPPING MATERIAL SHALL BE A TYPE THAT WILL FACILITATE FUTURE MOVES, ADDS, AND CHANGES.
7. PROVIDE COMPLETE SHOP DRAWINGS WITH PRODUCT NUMBERS/FINISHES HIGHLIGHTED, AND DETAILS FOR ALL PROPOSED INSTALLATIONS. OBTAIN ARCHITECT/INTERIOR DESIGNER APPROVAL FOR ALL INSTALLATIONS.
8. COORDINATE ALL INSTALLATIONS AND WORK. OBTAIN ALL NECESSARY APPROVALS AND PERMITS.
9. PROVIDE ALL INSTALLATIONS IN COMPLIANCE WITH APPLICABLE CODES AND SITE INSTALLATION STANDARDS AND GUIDELINES.
10. OBTAIN ARCHITECT'S/INTERIOR DESIGNER'S APPROVAL FOR INSTALLATION OF ALL DEVICES AND COMPONENTS (THIS INCLUDES COLOUR AND FINISHES).
11. NOTIFY THE ARCHITECT/INTERIOR DESIGNER AND ICT CONSULTANT OF ANY DRAWING DISCREPANCIES.
12. DO NOT COPY OR DISTRIBUTE THESE TELECOMMUNICATIONS DRAWINGS. UNAUTHORIZED DISTRIBUTION OF ANY PORTION OF THESE DRAWINGS, ELECTRONIC OR PAPER IS PROHIBITED.

ACRONYMS & ABBREVIATIONS

MANY OF THE ACRONYMS AND ABBREVIATIONS BELOW ARE USED IN COMBINATION WITH THE SYMBOLS IN THE TELECOMMUNICATIONS LEGEND TO REFERENCE A SPECIFIC SCOPE OF WORK DESCRIBED IN THE DETAIL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THOROUGHLY ALL DETAILS FOR FURTHER GUIDANCE AND EXPECTATIONS ON SCOPE OF WORK.

AFF	ABOVE FINISHED FLOOR	PB	PULLBOX
AFG	ABOVE FINISHED GRADE	PBB	PRIMARY BONDING BUSBAR
AP	ACCESS PROVIDER	PBX	PRIVATE BRANCH EXCHANGE
BAS	BUILDING AUTOMATION SYSTEM	POP	POINT OF PRESENCE
BFC	BELOW FINISHED CEILING	PR	PAIR
CCTV	CLOSED-CIRCUIT TELEVISION (CABLE FOR SECURITY CAMERA)	R	TO BE REMOVED / RELOCATED
CLG	CEILING	RBP	ROOM BOOKING PANEL
CP	CONSOLIDATION POINT	RE/RE	REMOVE & RE-INSTALL
CRO	CORROSION-RESISTANT OUTLET	RF	RADIO FREQUENCY
DS	DIGITAL SIGNAGE	RL	DEVICE OR OUTLET/CABLE IN RELOCATED POSITION
EF	ENTRANCE FACILITY	RMC	RIGID METALLIC CONDUIT
EMT	ELECTRICAL METALLIC TUBING	RU / U	RACK UNIT (RACK MOUNTING UNIT)
ENT	ELECTRICAL NON-METALLIC TUBING	SBB	SECONDARY BONDING BUSBAR
ESS	ELECTRONIC SAFETY AND SECURITY	SEC	SECURITY
F/UTP	FOILED UNSHIELDED TWISTED PAIR	SMF	SINGLE-MODE FIBRE
GND	GROUND	SR	SURFACE RACEWAY
IC	INTERCOM	STP	SHIELDED TWISTED PAIR
ICT	INFORMATION AND COMMUNICATIONS TECHNOLOGY	TEMP	TEMPORARY
IDF	INTERMEDIATE DISTRIBUTION FRAME	TR	TELECOMMUNICATIONS ROOM
ISP	INTERNET SERVICE PROVIDER	TSER	TELECOMMUNICATIONS SERVICE ENTRANCE ROOM
JB	JUNCTION BOX	TYP	TYPICAL
LAN	LOCAL AREA NETWORK	UPS	UNINTERRUPTIBLE POWER SUPPLY
LOC	LOCATION	U/S	UNDERSIDE
MC	MAIN CROSS-CONNECT	UTP	UNSHIELDED TWISTED PAIR
MCR	MAIN COMPUTER ROOM	WAN	WIDE AREA NETWORK
MDF	MAIN DISTRIBUTION FRAME	WAP	WIRELESS ACCESS POINT
MH	MAINTENANCE HOLE	WP	WALL PHONE
MPTL	MODULAR PLUG TERMINATED LINK	WPO	WEATHER-PROOF OUTLET
MMF	MULTI-MODE FIBRE	WW	WIREWAY
OFE	OWNER-FURNISHED EQUIPMENT		



general notes :

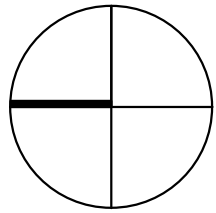
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2. Drawings are not to be scaled for construction. Contractor to verify all existing conditions and dimensions required to perform the Work and report any discrepancies with the Contract Documents to the Architect before commencing work.
3. Positions of exposed or finished mechanical or electrical devices, fittings, and fixtures are indicated on the Architectural drawings. The locations shown on the Architectural drawings govern over the Mechanical and Electrical drawings. Those items not clearly located will be located as per directed by the Architect.



5.	ISSUED FOR ADDENDUM No. 1	18-12-2024
4.	ISSUED FOR TENDER	11-08-2024
3.	ISSUED FOR COORDINATION	08-16-2024
2.	ISSUED FOR COORDINATION	07-30-2024
1.	ISSUED FOR CLASS C COSTING	06-28-2024

Revision

Date



FIFA - EAST VSTS
CENTENNIAL PARK

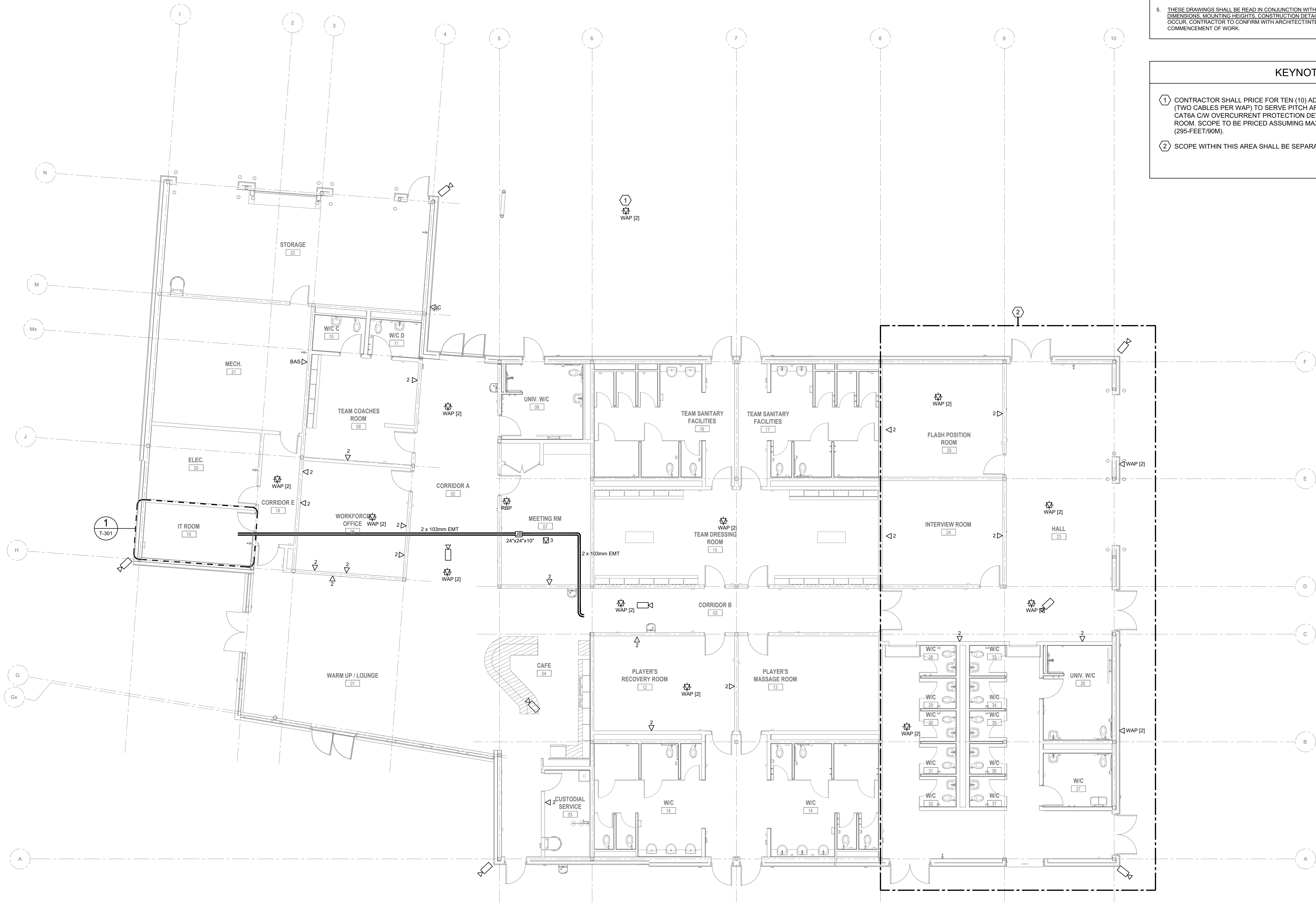
Address: 56 Centennial Park Rd, Toronto, ON

LEGEND

project no. :	2024-0112
scale :	N.T.S.
date :	MAY 2024

drawing no. :

T-001



CABLING SYSTEM NOTES

- REFER TO DRAWING No. T-001 FOR PROJECT NOTES, LEGEND(S), AND ABBREVIATIONS.
- THIS LAYOUT SHALL BE READ IN CONJUNCTION WITH THE LEGEND(S), ABBREVIATIONS, SPECIFICATIONS, AND DETAILS FOUND ON OTHER SHEETS WITHIN THIS DRAWING SET FOR FULL UNDERSTANDING OF DESIGN INTENT.
- CONTRACTOR SHALL ENSURE THAT ALL HORIZONTAL CABLING DOES NOT EXCEED 90-METERS (295-FEET), IF, DUE TO SITE CONDITIONS, RUNS ENCROACH UPON OR SURPASS THIS DISTANCE LIMITATION, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE ICT DESIGNER.
- CONTRACTOR SHALL ENSURE TO USE CONDUIT PROVIDED BY DIVISION 26 FOR THE ROUTING/DISTRIBUTION OF HORIZONTAL CABLING THROUGH OPEN CEILING SPACES. SUPPLY AND INSTALL J-HOOKS IN ALL ACCESSIBLE/T-BAR CEILING SPACES. COORDINATE WITH ELECTRICAL CONTRACTOR FOR SLEEVES THROUGH FULL-HEIGHT PARTITIONS.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S/INTERIOR DESIGNERS' DRAWINGS FOR DIMENSIONS, MOUNTING HEIGHTS, CONSTRUCTION DETAILS, FINISHES, AND COLOURS. WHERE DISCREPANCIES OCCUR, CONTRACTOR TO CONFIRM WITH ARCHITECT/INTERIOR DESIGNER AND/OR CONSULTANT PRIOR TO COMMENCEMENT OF WORK.

KEYNOTES

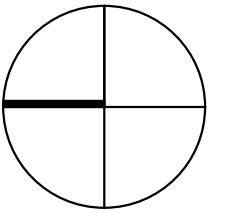
- CONTRACTOR SHALL PRICE FOR TEN (10) ADDITIONAL EXTERIOR WAP LOCATIONS (TWO CABLES PER WAP) TO SERVE PITCH AREA(S). PROVIDE INDOOR/OUTDOOR-RATED CAT6A C/W OVERCURRENT PROTECTION DEVICES MOUNTED TO BACKBOARD IN IT ROOM. SCOPE TO BE PRICED ASSUMING MAXIMUM PERMANENT LINK DISTANCE (295-FEET/90M).
- SCOPE WITHIN THIS AREA SHALL BE SEPARATE PRICE.

general notes :

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- Drawings are not to be scaled for construction. Contractor to verify all existing conditions and dimensions required to perform the Work and report any discrepancies with the Contract Documents to the Architect before commencing work.
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4. ISSUED FOR TENDER	11-08-2024
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2. ISSUED FOR COORDINATION	07-30-2024
1. ISSUED FOR CLASS C COSTING	06-28-2024

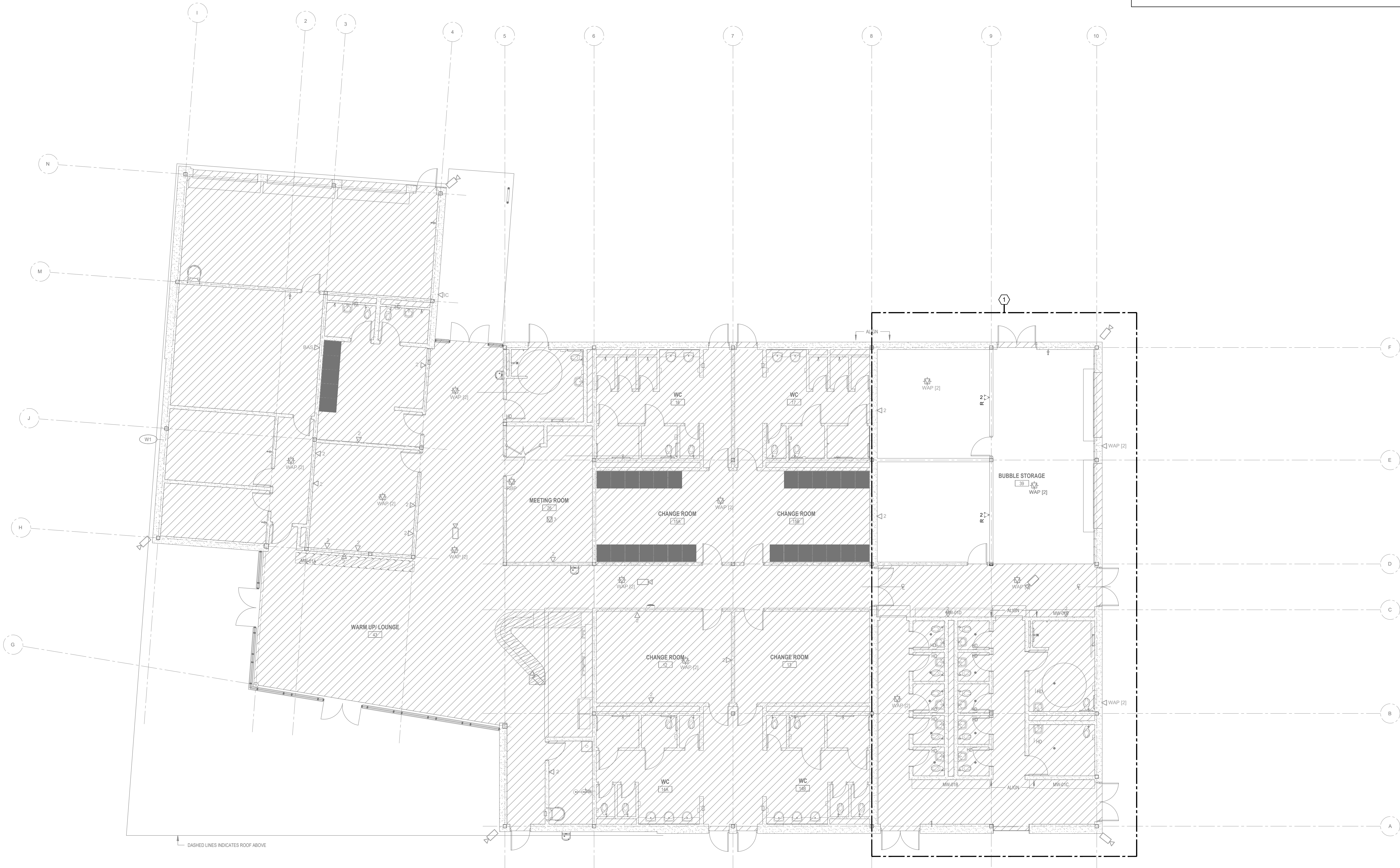
Revision: _____ Date: _____



FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
EAST VSTS TELECOM LAYOUT

project no. : 2024-0112
scale : 1:100
date : MAY 2024

drawing no. :



KEYNOTES

1 SCOPE WITHIN THIS AREA SHALL BE SEPARATE PRICE.

CHERIE NG
ARCHITECT
www.cherienng.com
t. 416.898.1979

general notes :

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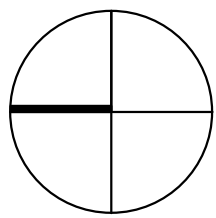
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H

HIDI

THEHIDIGROUP
155 Gordon Baker Road, Suite 200
Toronto, ON M2H 3N5 Canada
t. 416 364 2100 | HIDI.com

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2. ISSUED FOR COORDINATION	07-30-2024
1. ISSUED FOR CLASS C COSTING	06-28-2024
Revision:	Date:



FIFA - EAST VSTS
CENTENNIAL PARK

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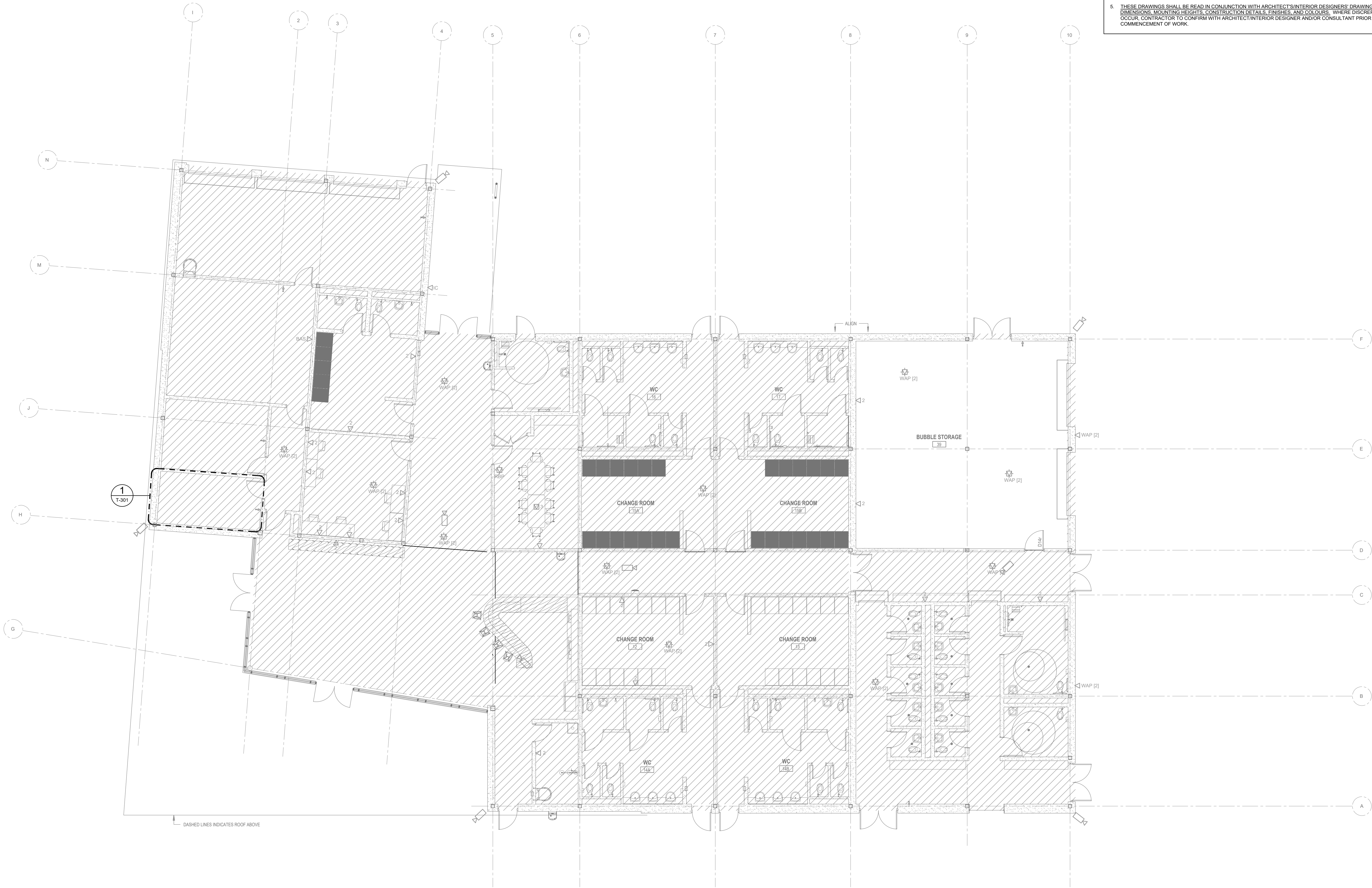
EAST VSTS LEGACY TELECOM
DEMO LAYOUT

project no. : 2024-0112

scale : 1:100

date : MAY 2024

drawing no. :



CABLING SYSTEM NOTES

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Toronto, ON M2H 3N5 Canada
t. 416 364 2100 | HIDI.ca

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1. ISSUED FOR CLASS C COSTING	06-28-2024

Revision: _____ Date: _____

**FIFA - EAST VSTS
CENTENNIAL PARK**
Address: 56 Centennial Park Rd, Toronto, ON
**EAST VSTS LEGACY TELECOM
LAYOUT**

project no. : 2024-0112
scale : 1:100
date : MAY 2024

drawing no. :

T-203

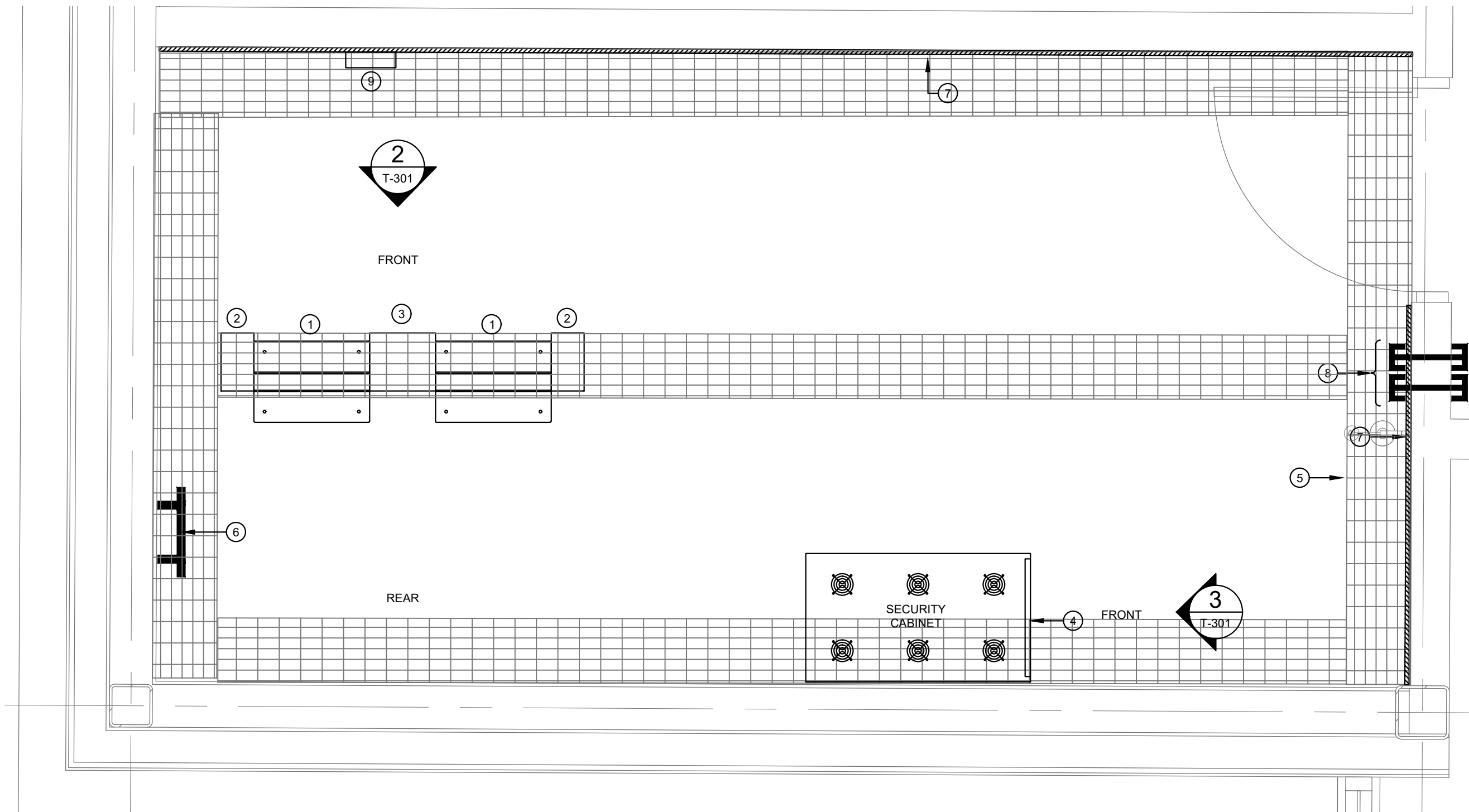
general notes :

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- EQUIPMENT:
- 1 2-POST RACK (BY COMMS)
 - 2 6-INCH VERTICAL CABLE MANAGER (BY COMMS)
 - 3 12-INCH VERTICAL CABLE MANAGER (BY COMMS)
 - 4 25U SECURITY CABINET (BY COMMS)
 - 5 12"W x 4"D CABLE TRAY (BY COMMS)
 - 6 SECONDARY BONDING BUSBAR (BY DIV.26)
 - 7 4' x 8', 3/4" FIRE-RATED PLYWOOD (BY DIV.26)
 - 8 2 x 103mm (4") EMT TO JB (BY DIV. 26)
 - 9 BIX MOUNT AND WAFER FOR VOICE BACKBONE (BY COMMS)

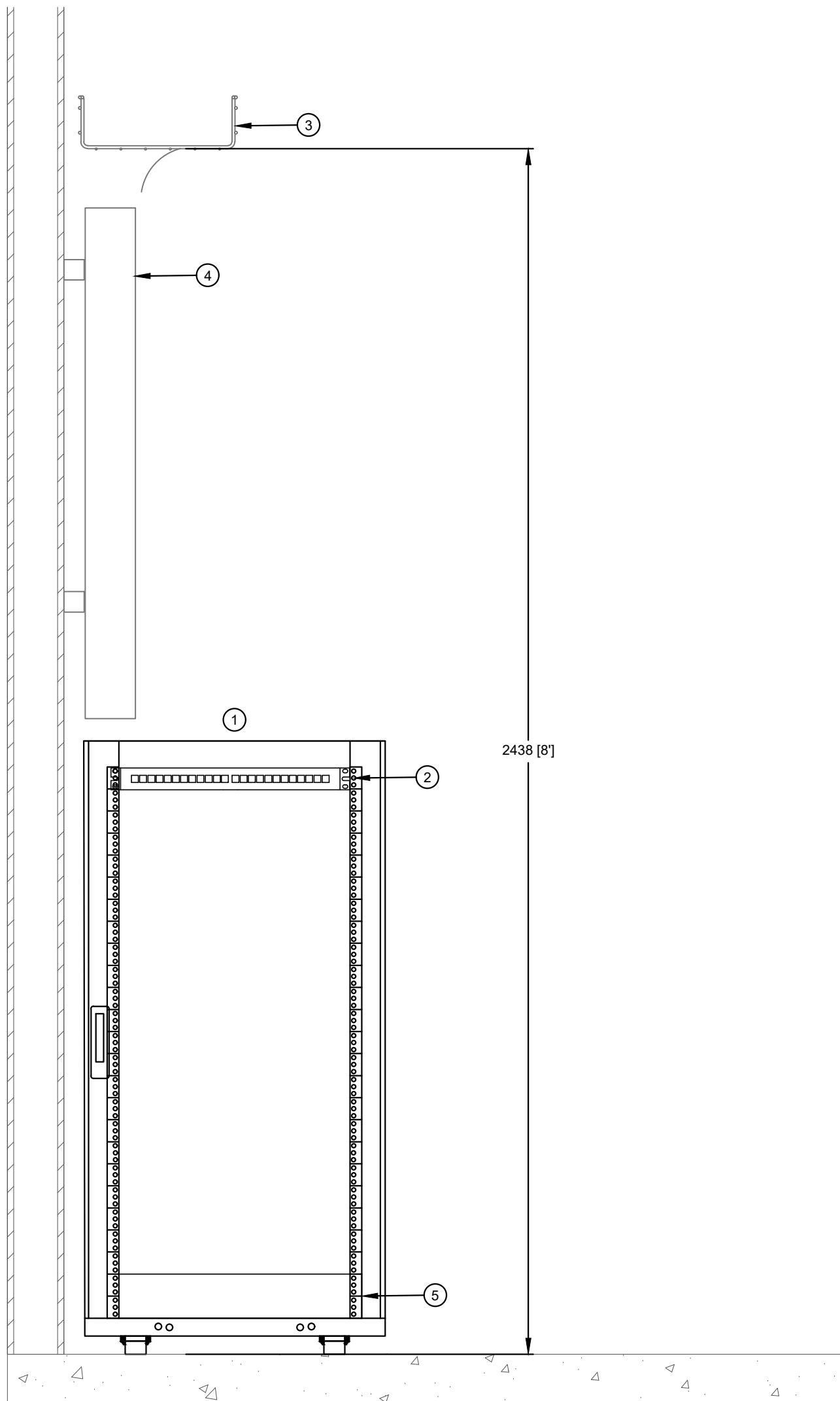


1 IT ROOM [28] LAYOUT
T-301 SCALE: 1:20

- EQUIPMENT:
- 1 25U CABINET (BY COMMS)
 - 2 1U 24-PORT PATCH PANEL FOR CCTV (BY COMMS)
 - 3 12"W x 4"D CABLE TRAY C/W WATERFALLS (BY COMMS)
 - 4 6"W x 2"D CABLE TRAY VERTICALLY MOUNTED (BY COMMS)
 - 5 2U 1500VA UPS (BY COMMS)

NOTES:

1. SEE SPECIFICATIONS FOR PRODUCT.

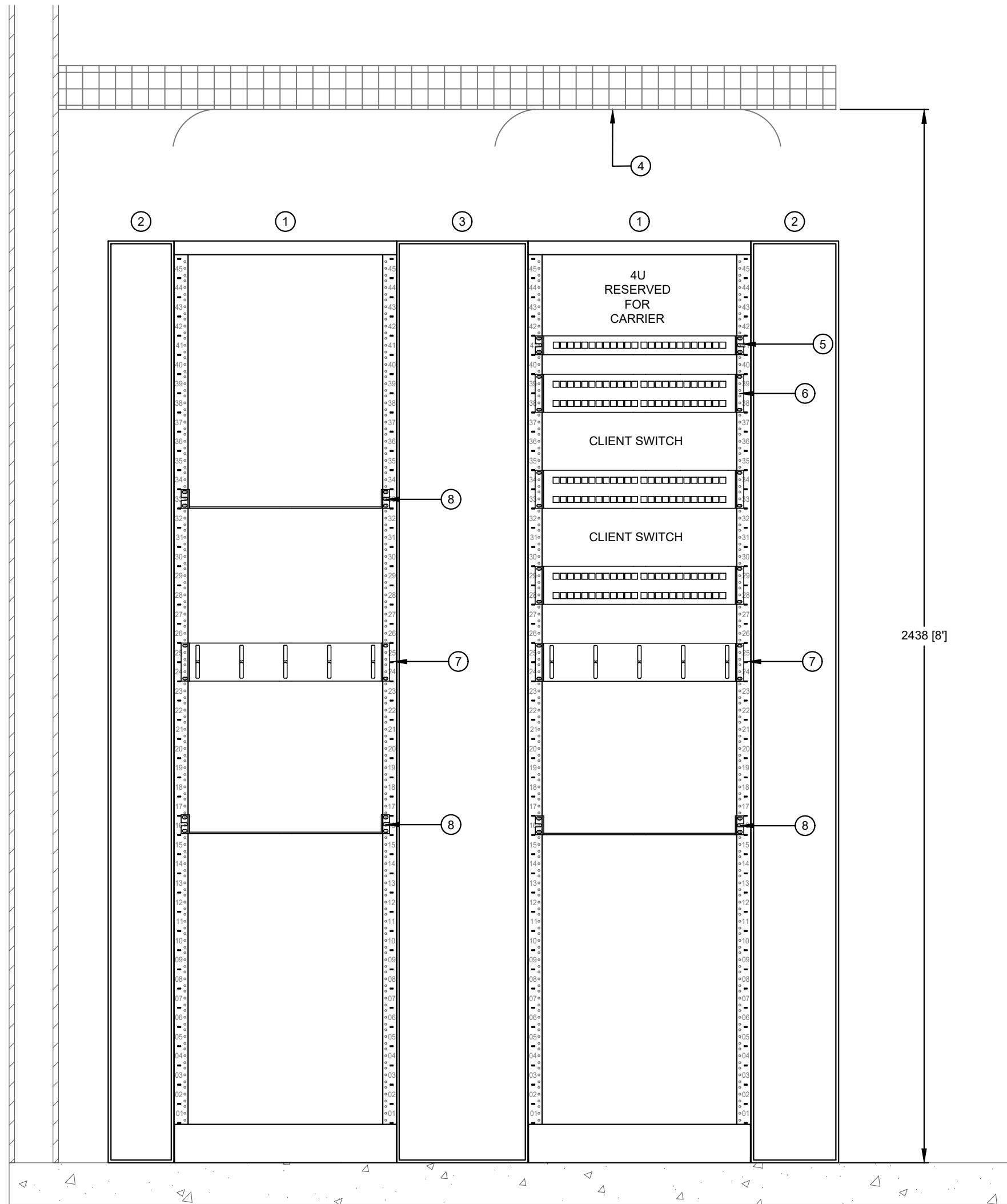


3 IT ROOM [28] SECURITY CABINET ELEVATION
T-301 SCALE: 1:10

- EQUIPMENT:
- 1 2-POST RACK (BY COMMS)
 - 2 6" VERTICAL CABLE MANAGER (BY COMMS)
 - 3 12" VERTICAL CABLE MANAGER (BY COMMS)
 - 4 12"W x 4"D CABLE TRAY C/W WATERFALLS (BY COMMS)
 - 5 1U 24-PORT PATCH PANEL C/W SIX (6) CAT6A TO BIX AT BACKBOARD FOR VOICE (BY COMMS)
 - 6 2U 48-PORT PATCH PANEL FOR HORIZONTAL CABLING, TYP (BY COMMS)
 - 7 2U HORIZONTAL CABLE MANAGER, TYP (BY COMMS)
 - 8 1U SHELF, TYP (BY COMMS)

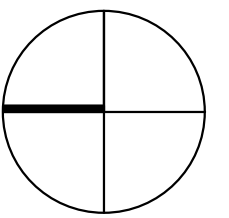
NOTES:

1. SEE SPECIFICATIONS FOR PRODUCT.



2 IT ROOM [28] RACK ELEVATIONS
T-301 SCALE: 1:10

5. ISSUED FOR ADDENDUM No. 1	18-12-2024
4. ISSUED FOR TENDER	11-08-2024
3. ISSUED FOR COORDINATION	08-16-2024
2. ISSUED FOR COORDINATION	07-30-2024
1. ISSUED FOR CLASS C COSTING	06-28-2024
Revision	Date



FIFA - EAST VSTS
CENTENNIAL PARK

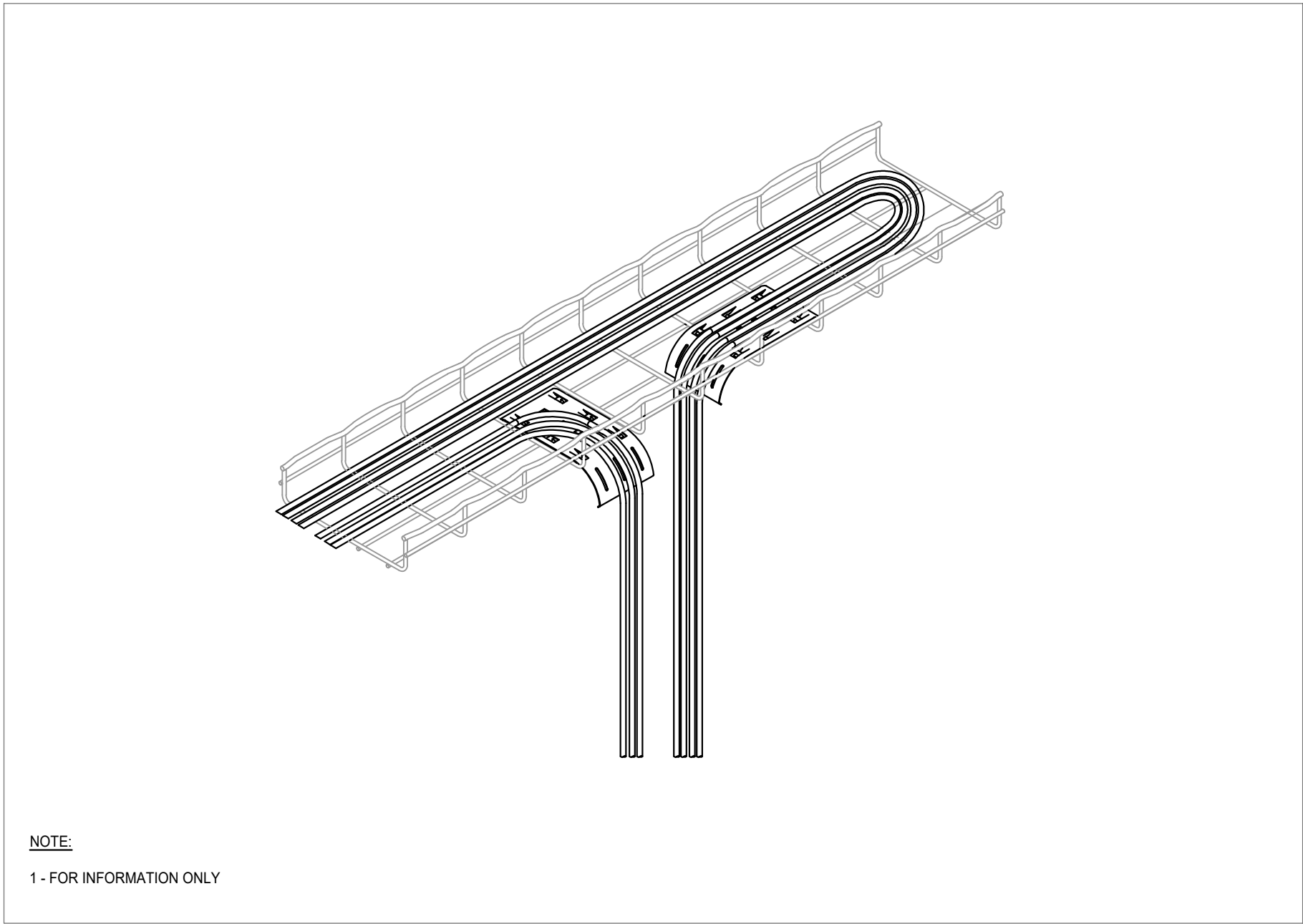
Address: 56 Centennial Park Rd, Toronto, ON

IT ROOM LAYOUT &
ELEVATIONS

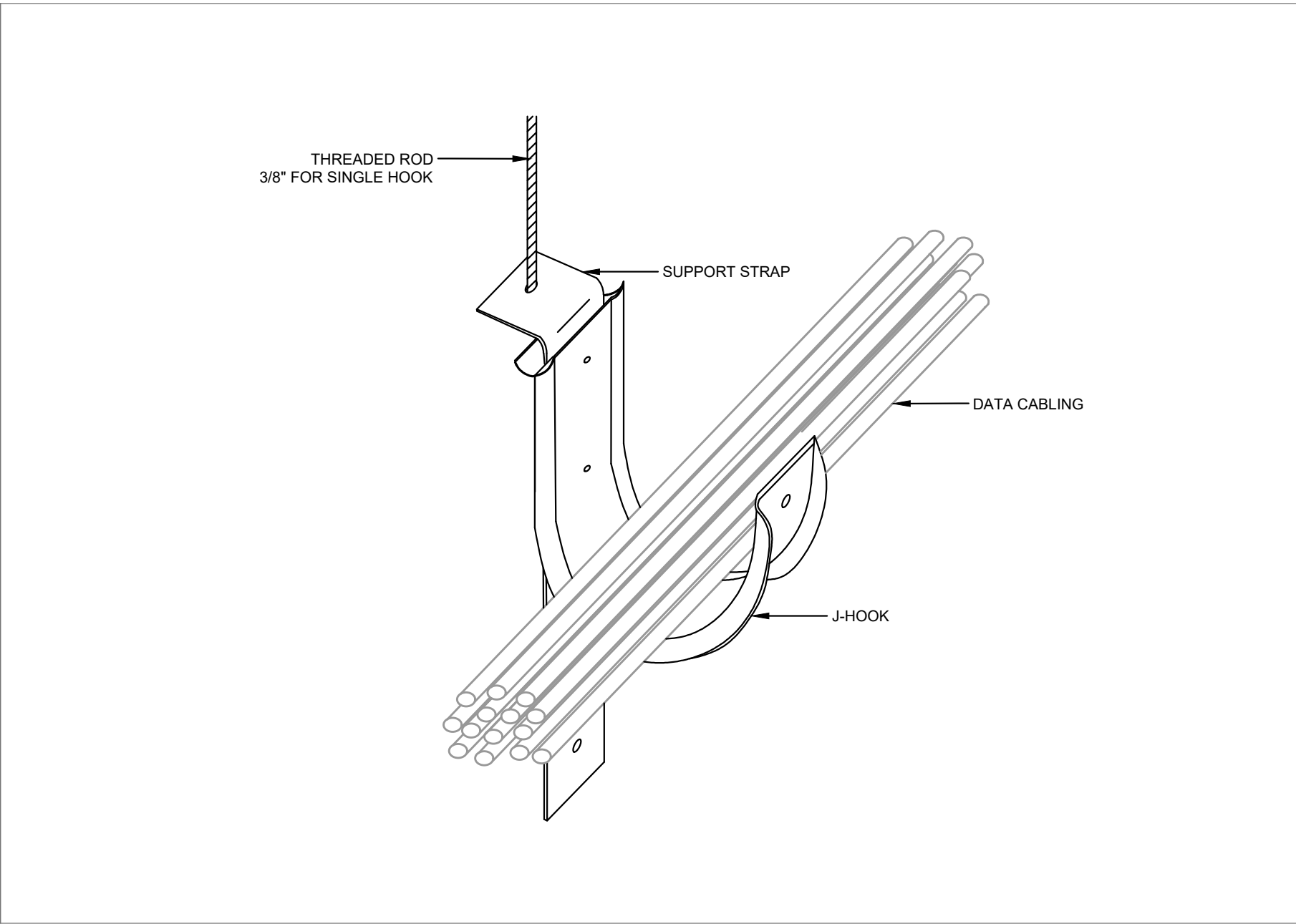
project no. : 2024-0112
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drawing no. :

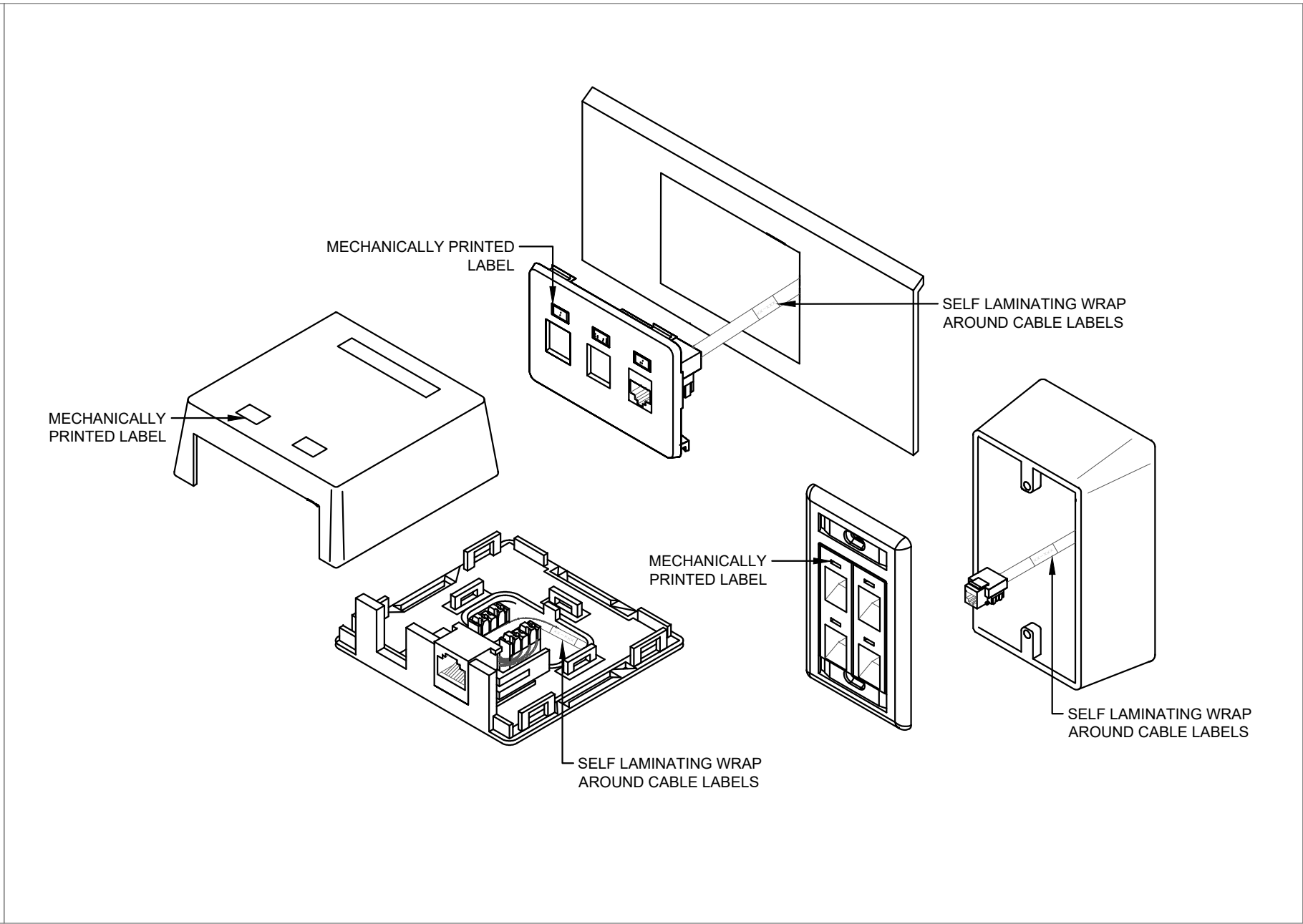
T-301



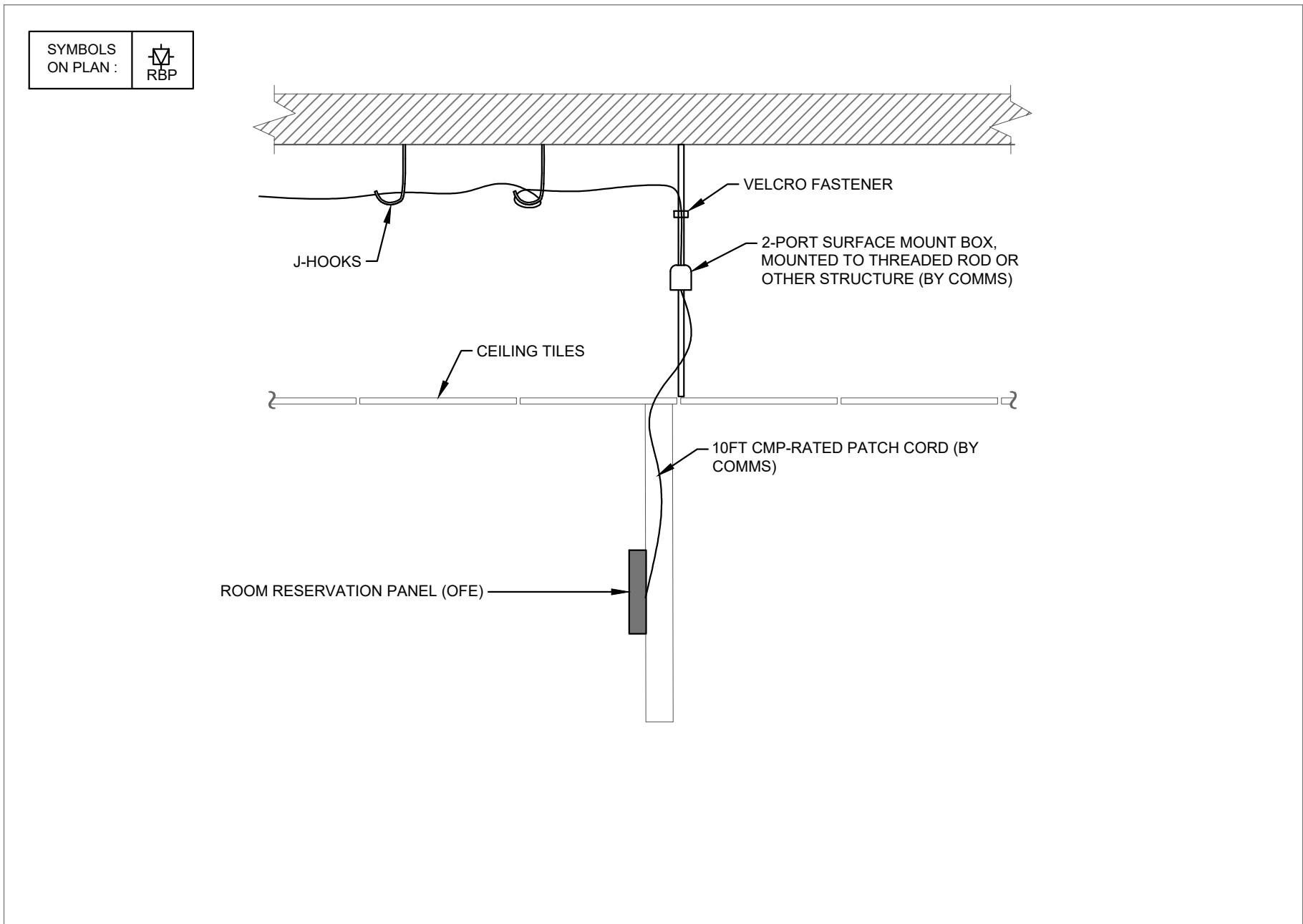
7 WATERFALLS / CABLE SLACK
SCALE: N.T.S.
T-401



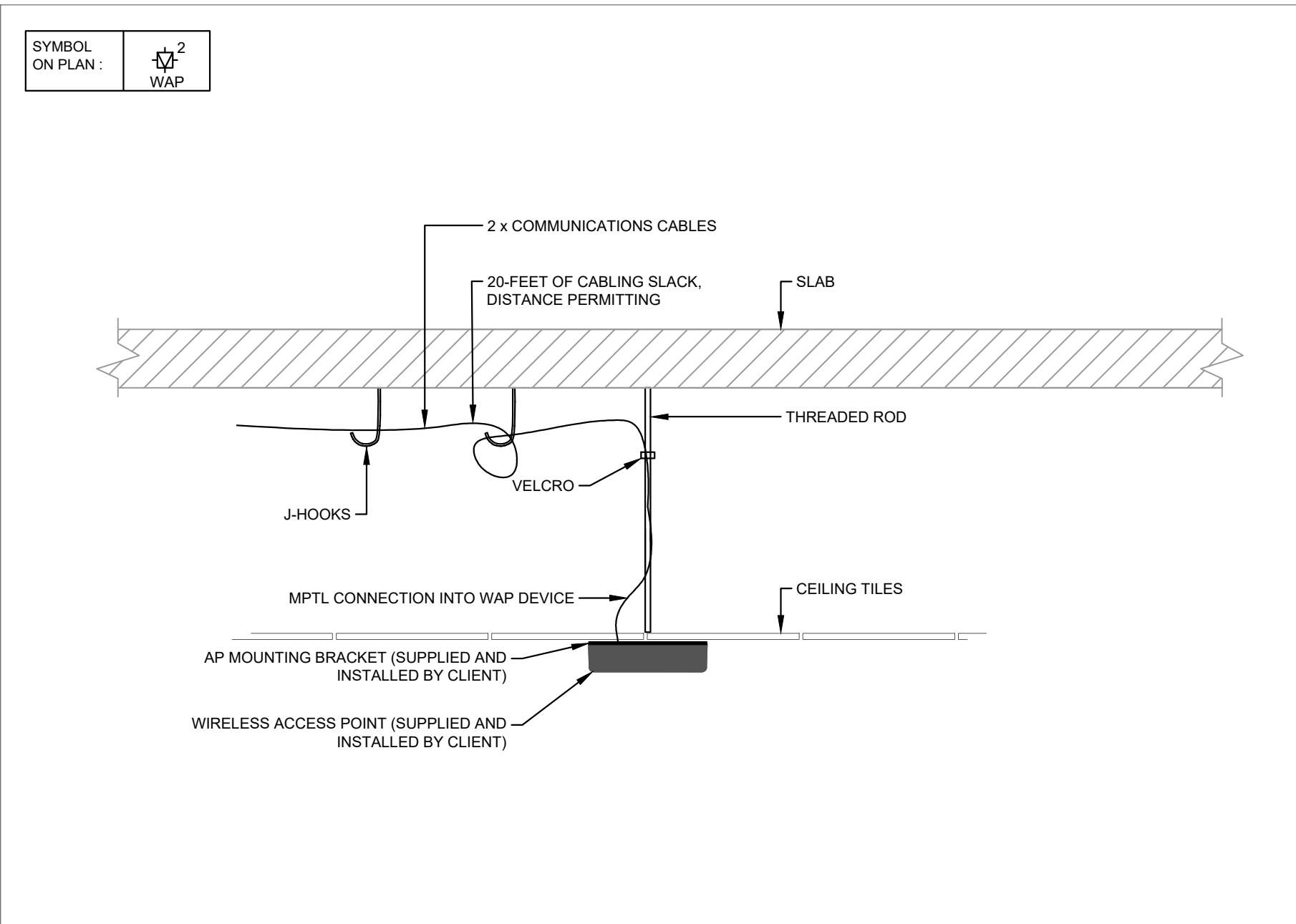
4 J-HOOK DETAIL, TYPICAL
SCALE: N.T.S.
T-401



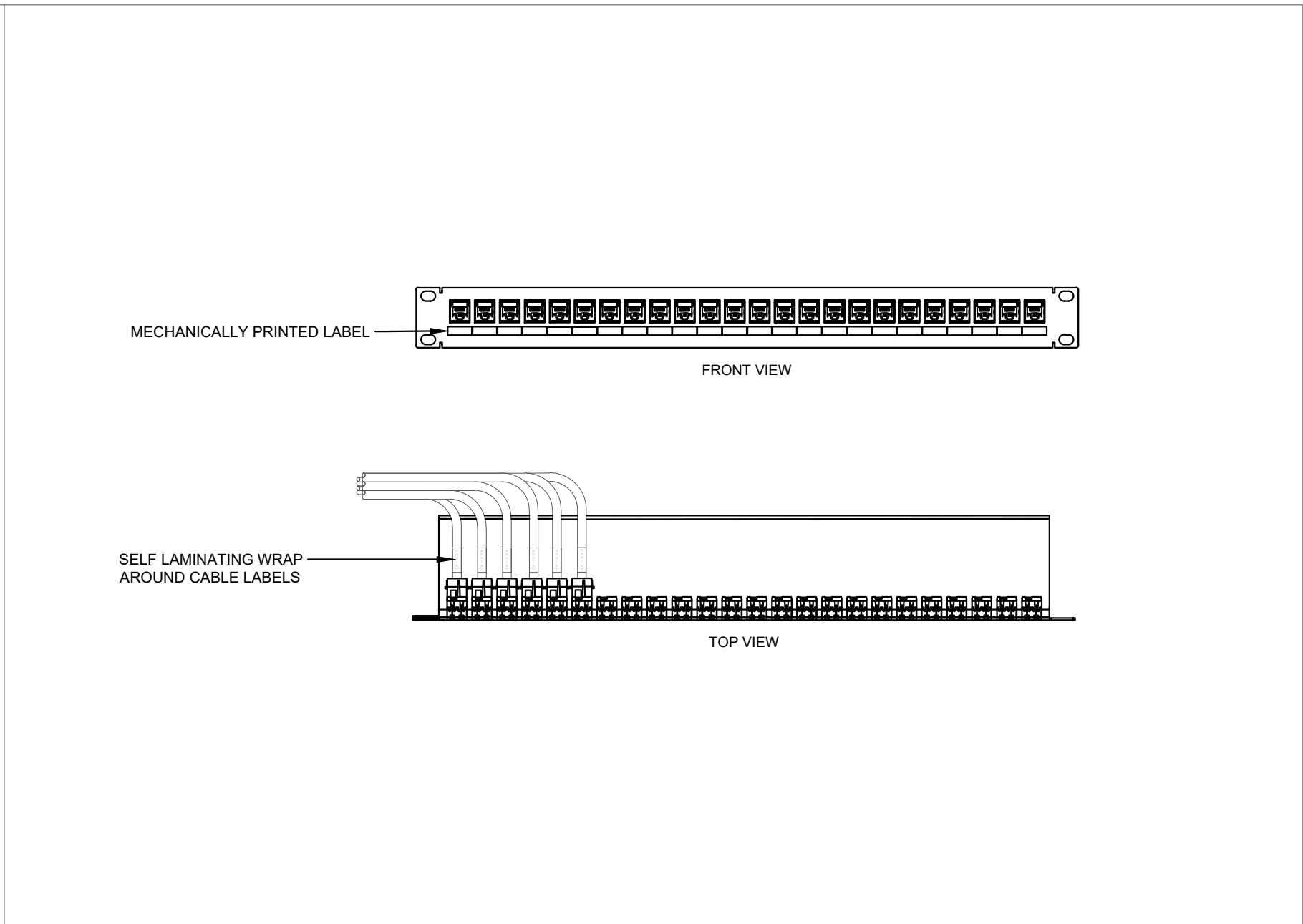
1 FACEPLATE / CABLE LABELLING, TYPICAL
SCALE: N.T.S.
T-401



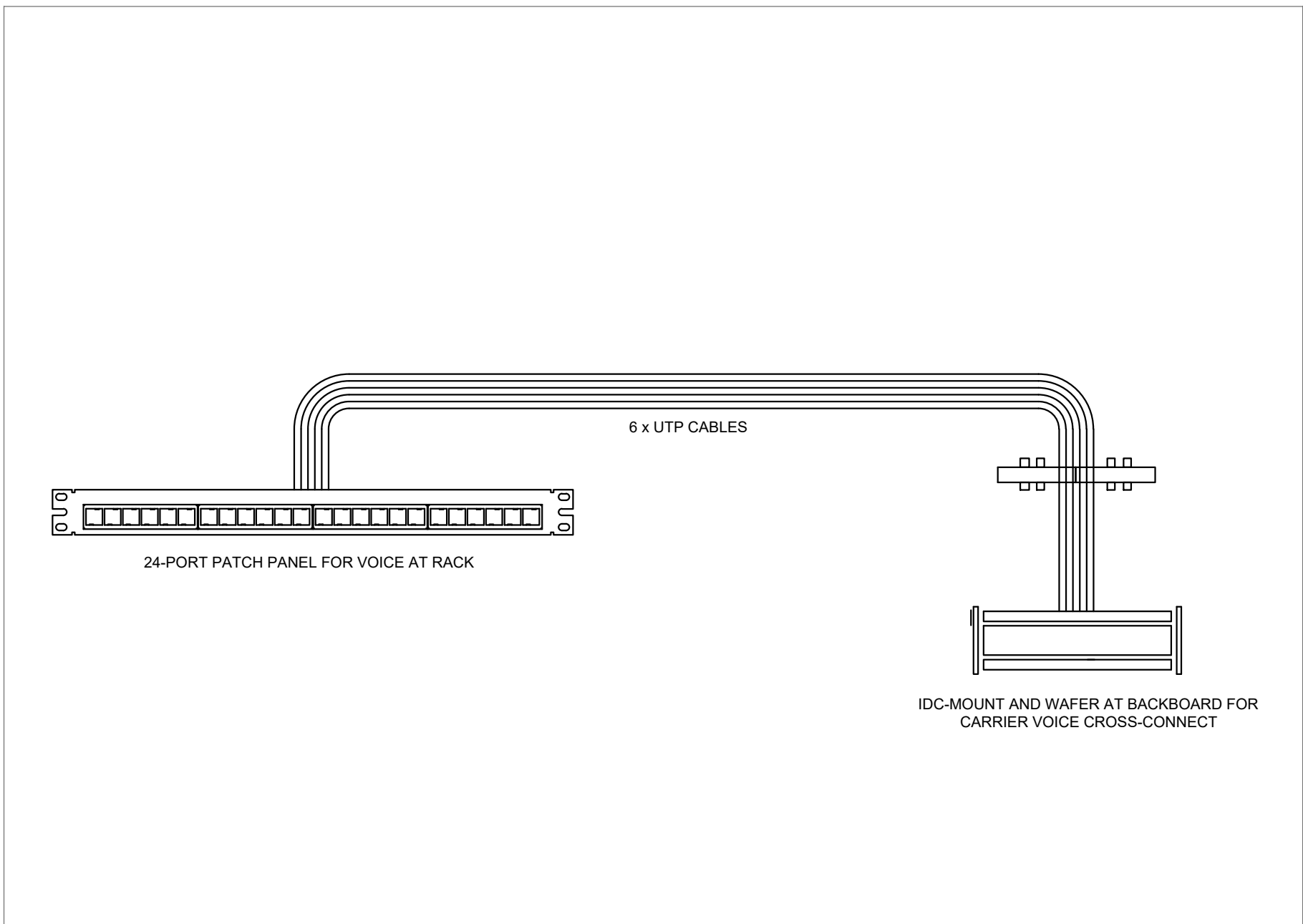
8 ROOM BOOKING PANEL DETAIL
SCALE: N.T.S.
T-401



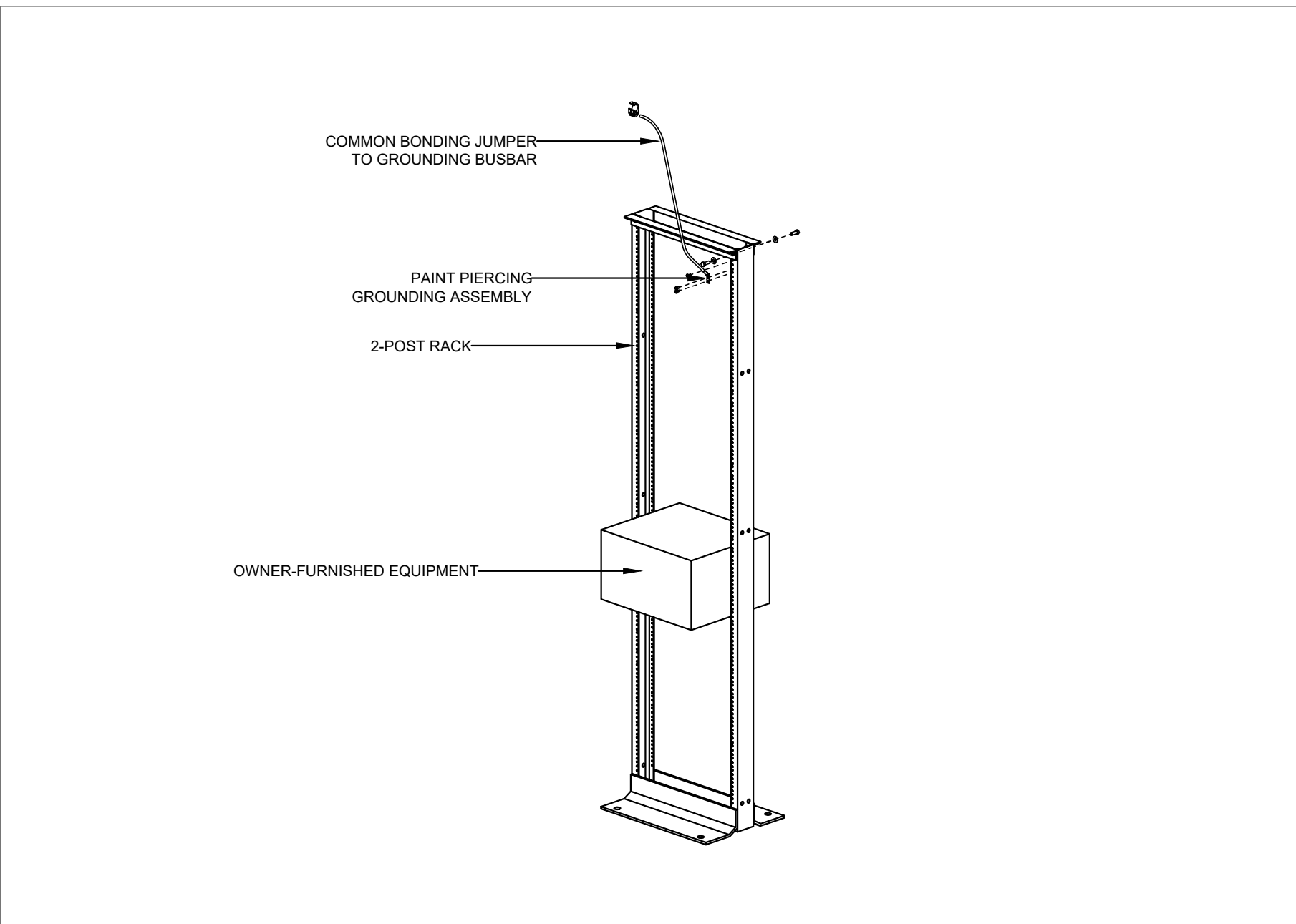
5 ACCESSIBLE CEILING WAP MOUNTING DETAIL, TYPICAL
SCALE: N.T.S.
T-401



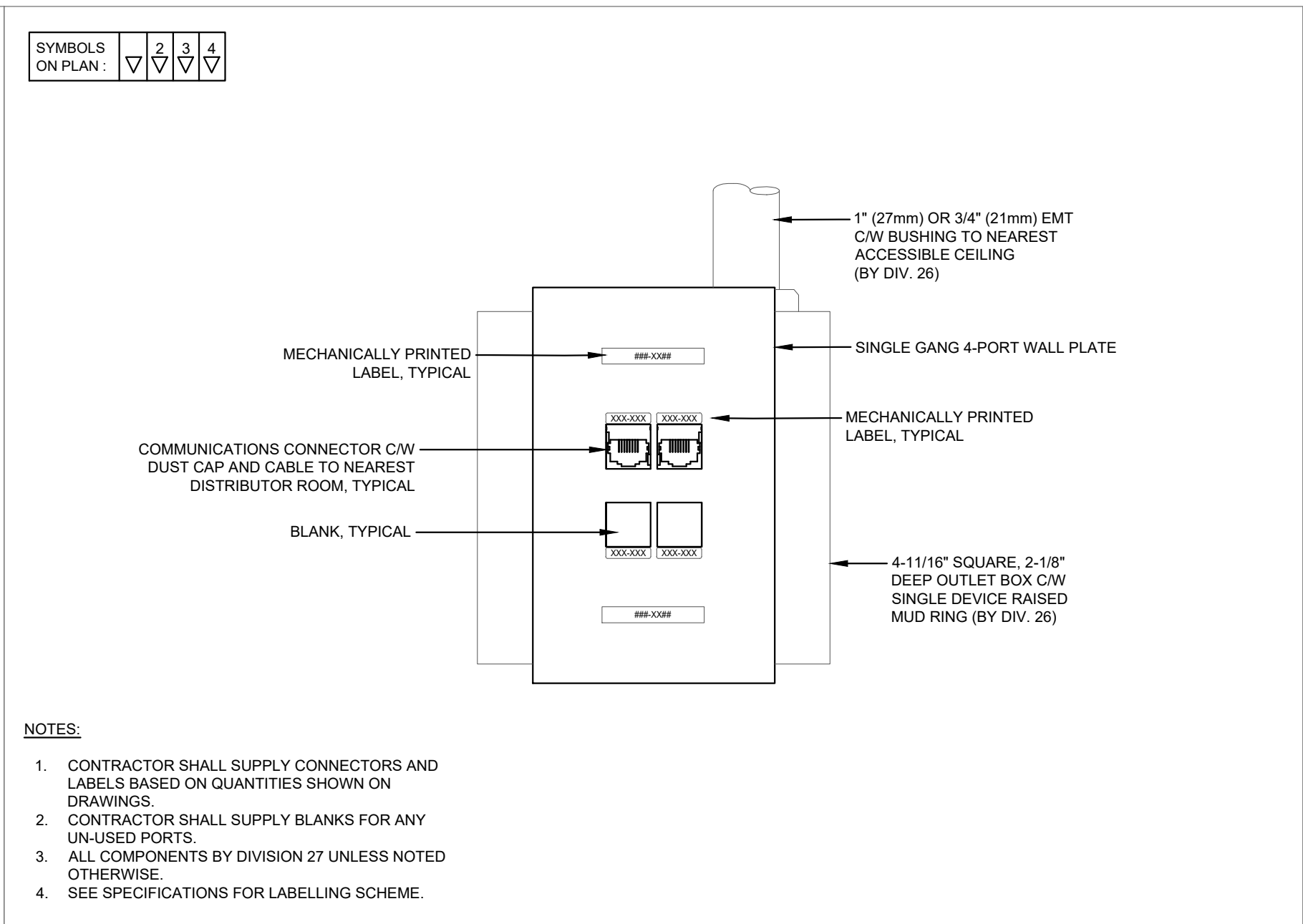
2 PATCH PANEL / CABLE LABELLING, TYPICAL
SCALE: N.T.S.
T-401



9 VOICE PATCH PANEL TO WALL-MOUNT IDC DETAIL
SCALE: N.T.S.
T-401



6 GROUNDING FOR 2-POST RACK, TYPICAL
SCALE: N.T.S.
T-401

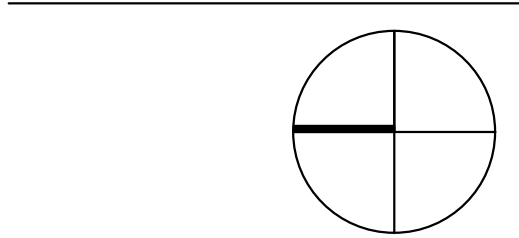


3 COMMUNICATIONS WALL OUT DETAIL, TYPICAL
SCALE: N.T.S.
T-401

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