

BUILDING SECURITY SYSTEM (BSS) LEGEND

EXISTING DEVICES ARE TONED:

PHYSICAL ACCESS CONTROL SYSTEM (PACS)	
<sub>T</sub>	PROXIMITY CARD READER (STANDARD) NO TAG = STANDARD WALL MOUNT E = ELEVATOR L = INTEGRAL TO LOCK SET K = WITH INTEGRAL KEYPAD A = ARM/DISARM V = LONG RANGE / VEHICLE M = MILLION MOUNT
<sub>T</sub>	WIRELESS ELECTRONIC LOCK G = WIRELESS GUESTROOM LOCK W/ INTEGRAL CARD READER AND DOOR STATUS (CONNECTED TO GUESTROOM MANAGEMENT SYSTEM) B = WIRELESS BACK OF HOUSE LOCK W/ INTEGRAL CARD READER AND DOOR STATUS (CONNECTED TO HOTEL ELECTRONIC ACCESS CONTROL SYSTEM) X = WIRELESS LOCK WITH EXIT TRIM AND DOOR STATUS E = WIRED GUEST ELEVATOR CARD READER R = WIRED GUEST REMOTE CARD READER C/W EXTERNAL HARDWARE
<sub>T</sub>	KEYPAD O = OVERRIDE OR DISARM I = INTRUSION SYSTEM KEYPAD
<sub>T</sub>	BIOMETRIC ENTRY DEVICE: F = FINGERPRINT C = FINGERPRINT W/ INTEGRAL CARD READER I = IRIS SCAN H = HAND GEOMETRY

VIDEO MANAGEMENT SYSTEM (VMS)	
<sub>T</sub>	VIDEO SURVEILLANCE MONITOR
<sub>T</sub>	FIXED CAMERA NO TAG = INTERIOR DOME CAMERA (RECESSED) S = DOME CAMERA (SURFACE MOUNT) E = ELEVATOR MOUNT P = POLE MOUNT F = SOFFIT MOUNT W = WALL MOUNT 180/360 = 180°/360° PANORAMIC VIEW CAMERA PD = PENDANT MOUNT H = THERMAL CAMERA IR = INFRARED CAMERA
<sub>T</sub>	PTZ CAMERA NO TAG = INTERIOR PTZ P = POLE MOUNT PTZ H = THERMAL CAMERA
<sub>T</sub>	VIDEO CONTROL KEYBOARD
<sub>T</sub>	RECORDING EQUIPMENT N = NETWORK VIDEO RECORDER D = DIGITAL VIDEO RECORDER (ANALOG) A = AUDIO RECORDER
<sub>T</sub>	ANALOG TO DIGITAL VIDEO ENCODER

LOCKING DEVICES & ACCESSORIES	
<sub>T</sub>	ELECTRONIC LOCK X = WITH INTEGRAL REQUEST TO EXIT SWITCH E = ELECTRIC LATCH RETRACTION P = PANIC HARDWARE L = INTEGRAL TO LOCK SET D = PANIC HARDWARE W/ DELAYED EGRESS M = WITH INTEGRAL LATCH BOLT MONITORING
<sub>T</sub>	ELECTRIC STRIKE M = WITH INTEGRAL LATCH BOLT MONITORING H = HEADER MOUNT STRIKE R = RIM MOUNT
<sub>T</sub>	MAGNETIC LOCK B = MAGNETIC LOCK WITH INTEGRAL BOND SENSOR
<sub>T</sub>	POWER TRANSFER HINGE (BY OTHERS)
<sub>T</sub>	CONTROL OUTPUT RELAY A = AUTO DOOR OPERATOR O = OVERHEAD DOOR T = TURNSTILES V = VEHICLE BARRIER / BOLLARD / GATE E = ELEVATOR CONTROL

PROPOSED 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.

COMMUNICATIONS	
<sub>T</sub>	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
<sub>T</sub>	TELEPHONE DIALER D = DIGITAL (VOIP) V = VOICE (PBA) M = 24/7 MONITORING
<sub>T</sub>	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
<sub>T</sub>	NETWORK SWITCH NO TAG = EDGE SWITCH C = CORE SWITCH
<sub>T</sub>	FIBER OPTIC TRANSCIVER V = VIDEO D = DATA TX = TRANSMITTER RX = RECEIVER
<sub>T</sub>	RF VIDEO/DATA TRANSCIVER

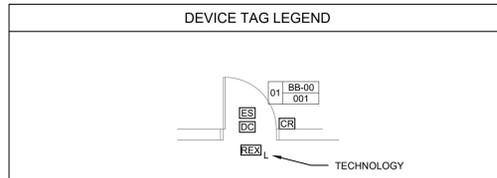
SENSORS & INPUT DEVICES	
<sub>T</sub>	DOOR POSITION SWITCH NO TAG = STANDARD MAGNETIC I = INTEGRAL TO LOCK SET O = OVERHEAD DOOR T = CABINET TAMPER SWITCH
<sub>T</sub>	PUSH BUTTON D = DURESS R = REMOTE RELEASE C = CALL A = ALARM ACKNOWLEDGEMENT
<sub>T</sub>	REQUEST TO EXIT DEVICE M = MOTION SENSOR P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

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

COMPUTER & PERIPHERAL COMPONENTS	
<sub>T</sub>	SERVER COMPUTER/CPU A = PHYSICAL ACCESS CONTROL V = VIDEO MANAGEMENT I = INTERCOM EXCHANGE F = FRONT OF HOUSE DOOR LOCKING
<sub>T</sub>	MONITORING WORKSTATION A = PHYSICAL ACCESS CONTROL V = VIDEO MANAGEMENT R = VISITOR REGISTRATION / KIOSK G = GUARD TOUR B = BADGING
<sub>T</sub>	RACK MOUNTED KVM SWITCH WITH INTEGRAL KEYBOARD, MOUSE AND LCD SCREEN
<sub>T</sub>	PRINTER A = ALARM REPORT C = CARD/ID V = VISITOR BADGE
<sub>T</sub>	ENCODER DEVICE NO TAG = KEY CARD ENCODER B = BIOMETRIC ENROLMENT

BARRIERS & VEHICLE CONTROLS	
<sub>T</sub>	TURNSTILE F = FULL HEIGHT O = OPTICAL
<sub>T</sub>	VEHICLE CONTROL BARRIER NO TAG = PARKING ARM B = RISING BOLLARD S = SLIDING GATE W/ WEDGE O = OVERHEAD GRILLE/SHUTTER
<sub>T</sub>	PARKING CONTROL DEVICE A = AUTOMATIC VEHICLE ID READER W = WIRELESS RECEIVER T = TICKET DISPENSER P = PAY ON FOOT STATION L = LOT FULL SIGNAGE
<sub>T</sub>	VEHICLE SENSOR NO TAG = INDUCTION LOOP B = BEAM DETECTOR

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



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

ACRONYMS & ABBREVIATIONS			
AFF	ABOVE FINISHED FLOOR	RL	DEVICE OR OUTLET/CABLE IN RELOCATED POSITION
AFG	ABOVE FINISHED GRADE	TEMP	TEMPORARY
CLG	CEILING	TYP	TYPICAL
JB	JUNCTION BOX	UPS	UNINTERRUPTIBLE POWER SUPPLY
NIC	NOT IN CONTRACT	UON	UNLESS OTHERWISE NOTED
PB	PULLBOX	WP	WEATHERPROOF
R	TO BE REMOVED / RELOCATED		
RE/RE	REMOVE & RE-INSTALL		

RESPONSIBILITY MATRIX						
SYSTEM WORK	ACCESS CONTROL	BIOMETRIC SYSTEM	GUESTROOM ACCESS	VIDEO MANAGEMENT	INTERCOM	DOOR HARDWARE
ROUGH-IN & CONDUIT	ELEC	ELEC	ELEC	ELEC	ELEC	ELEC/DOOR
CABLING & TERMINATION	SEC	SEC/CBL	CBL	CBL	SEC/CBL	DOOR/SEC
FIELD DEVICE INSTALLATION & TERMINATION	SEC	SEC	SEC	SEC	SEC	DOOR/SEC
PROGRAMMING	SEC	SEC	SEC	SEC	SEC	N/A
COMMISSIONING & TESTING	SEC	SEC	SEC	SEC	SEC	DOOR/SEC

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

DWG. No.	DRAWING LIST, NOTES, AND LEGEND
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

- ### GENERAL NOTES
- 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.
  - ARCHITECTURAL PLAN DRAWING BACKGROUNDS ARE FOR REFERENCE ONLY. REFER TO PROJECT ARCHITECTURAL DRAWINGS AND SITE CONDITIONS. SITE MEASURE FOR EXACT DIMENSIONS AND INSTALLATION REQUIREMENTS.
  - THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE BSS SPECIFICATIONS.
  - 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.
  - PROVIDE COMPLETE SHOP DRAWINGS AND DETAILS FOR ALL PROPOSED INSTALLATIONS. OBTAIN ARCHITECT'S APPROVAL FOR ALL INSTALLATIONS.
  - COORDINATE ALL INSTALLATIONS AND WORK. OBTAIN ALL NECESSARY APPROVALS AND PERMITS.
  - PROVIDE ALL INSTALLATIONS IN COMPLIANCE WITH APPLICABLE CODES AND SITE INSTALLATION STANDARDS AND GUIDELINES.
  - 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.
  - NOTIFY THE ARCHITECT AND CONSULTANT OF ANY DRAWING DISCREPANCIES.
  - ALL SECURITY SYSTEM CABLING SHALL BE INSTALLED WITHIN DEDICATED CONDUIT. PROVIDE ALL CONDUIT SLEEVES FOR SECURITY SYSTEM CABLING.
  - 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 INDICATE DEDICATED HOME RUNS, BUT MAY BE COMBINED WITH OTHER LOCATIONS BY SYSTEM TYPE (CCTV, PACS, SIS) AS LONG AS CEC MAXIMUM FILL REQUIREMENTS ARE MAINTAINED. PROVIDE LARGER CONDUIT SIZES FOR COMBINED DEVICE HOME RUNS.
  - UNLESS NOTED OTHERWISE, ALL CONDUIT AND BACKBOXES SHALL BE INSTALLED CONCEALED WITHIN WALLS AND ABOVE FINISHED CEILINGS. OBTAIN APPROVAL FOR ANY PROPOSED INSTALLATION OF EXPOSED OR SURFACE CONDUIT, DEVICES, ETC.
  - SECURITY WIRING, CONDUIT AND JUNCTION BOXES SHALL BE INSTALLED ON THE SECURE SIDE OF DOOR (INSIDE SECURE SPACE).
  - REFER TO THE BUILDING ELECTRICAL DRAWINGS FOR THE ELECTRICAL DISTRIBUTION PANEL AND POWER SUPPLY DETAILS.
  - DO NOT COPY OR DISTRIBUTE THESE SECURITY DRAWINGS. UNAUTHORIZED DISTRIBUTION OF ANY PORTION OF THESE DRAWINGS, ELECTRONIC OR PAPER, IS PROHIBITED.

general notes:

- 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.
- 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.
- 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.

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  
LEGEND

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

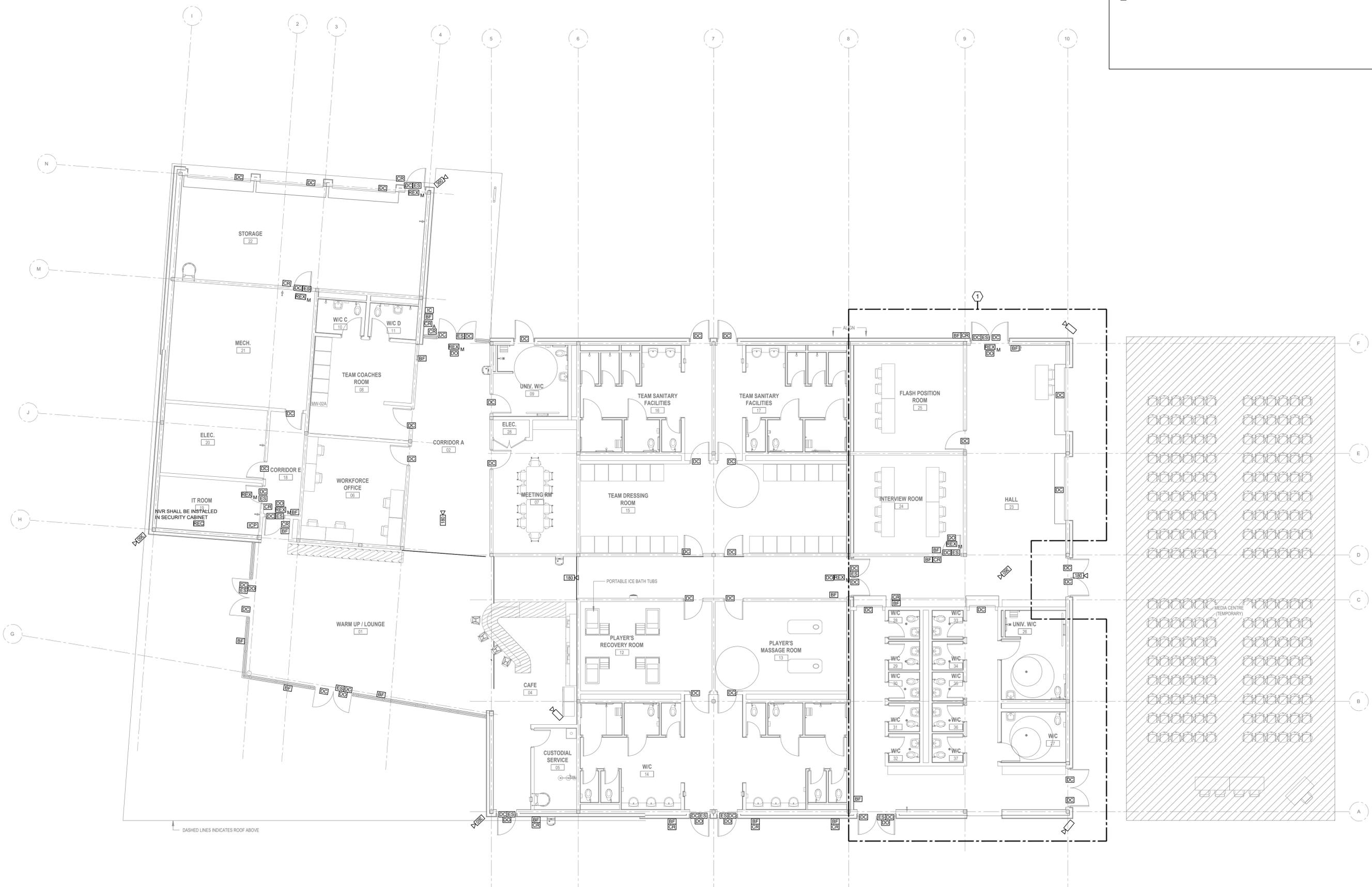
drawing no.:

KEYNOTES

① SCOPE WITHIN THIS AREA SHALL BE SEPARATE PRICE.

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**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

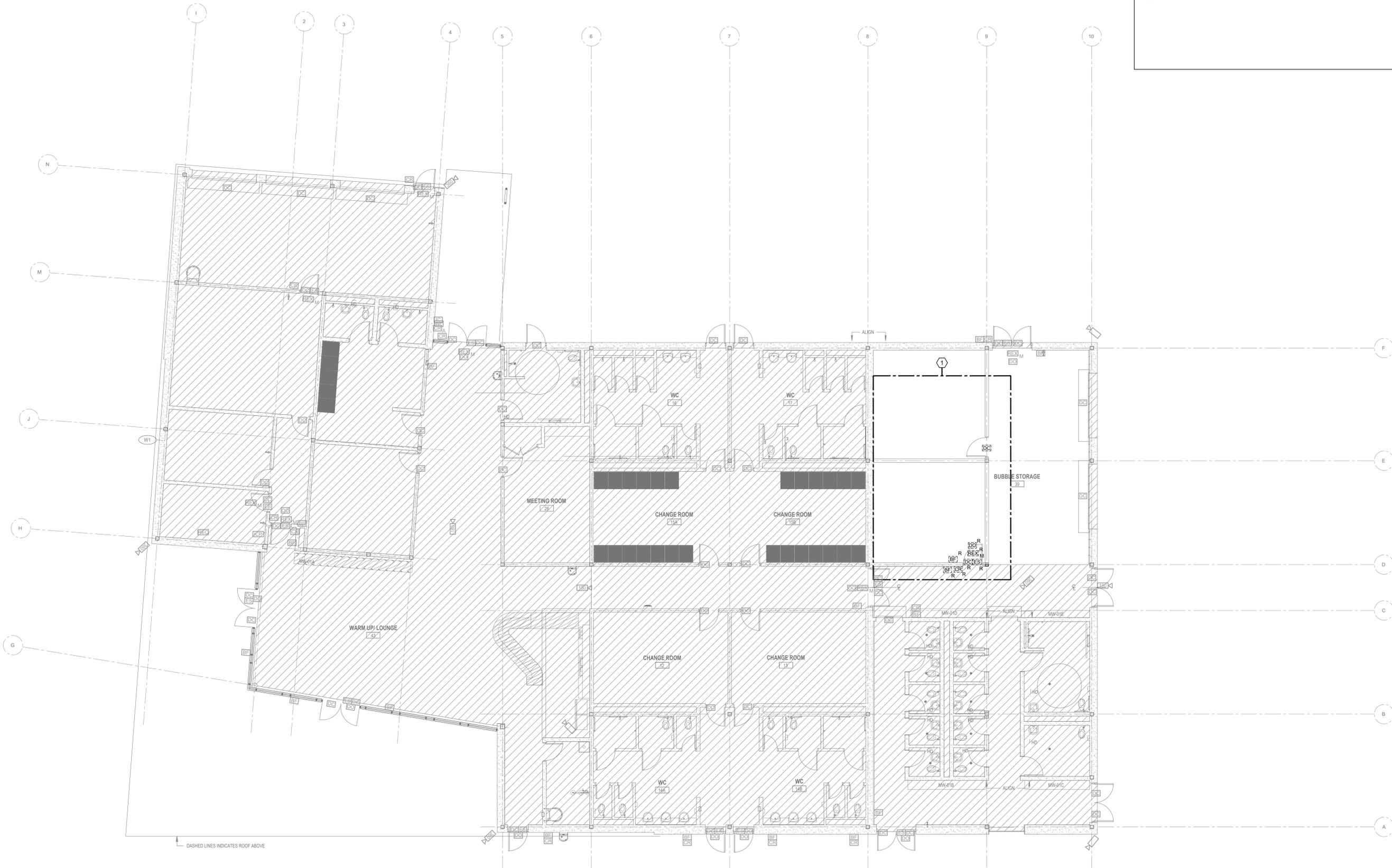
drawing no.:

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

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

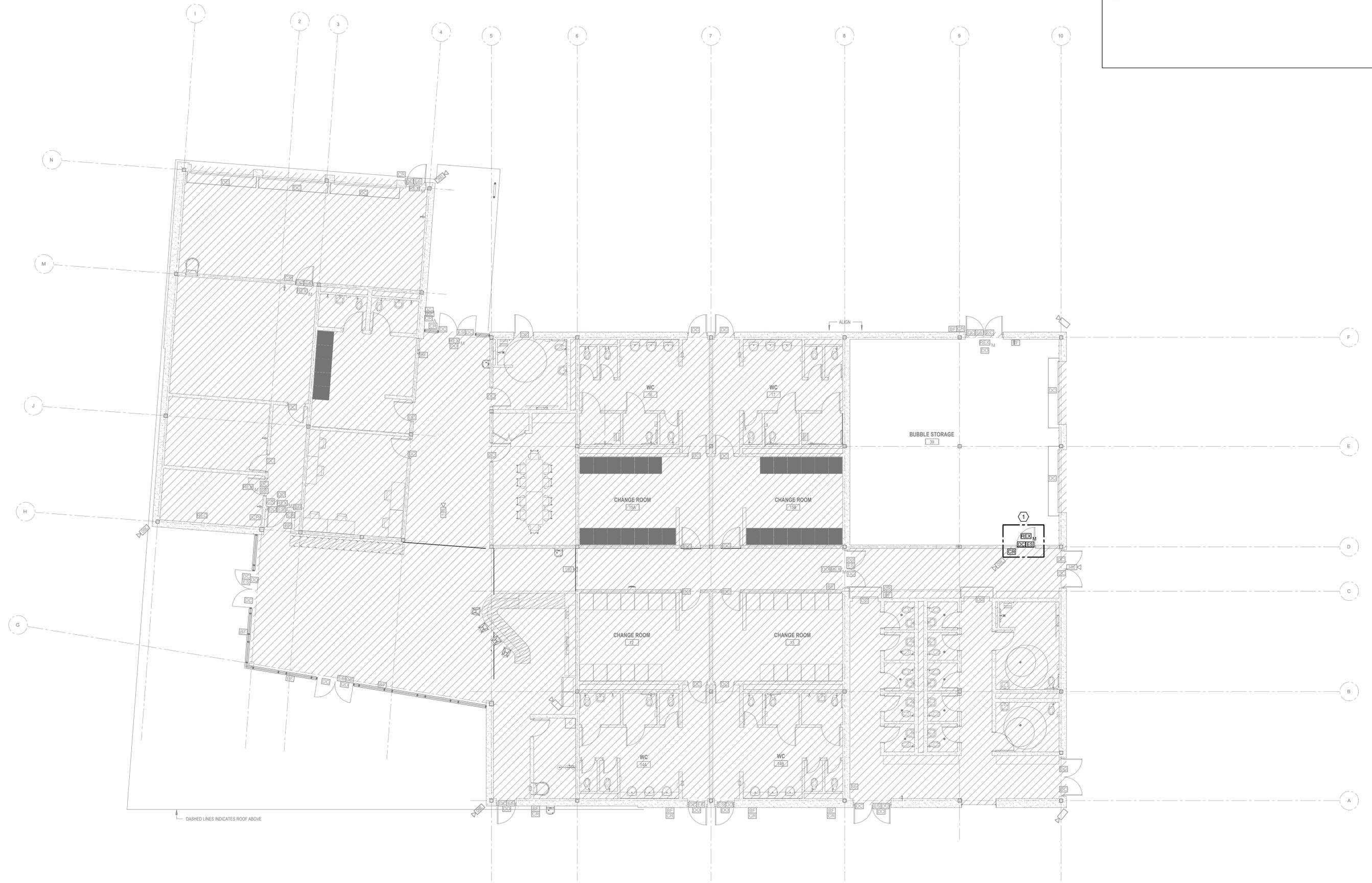
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date: MAY 2024

drawing no.:

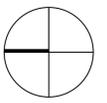
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**EAST VSTS LEGACY SECURITY LAYOUT**

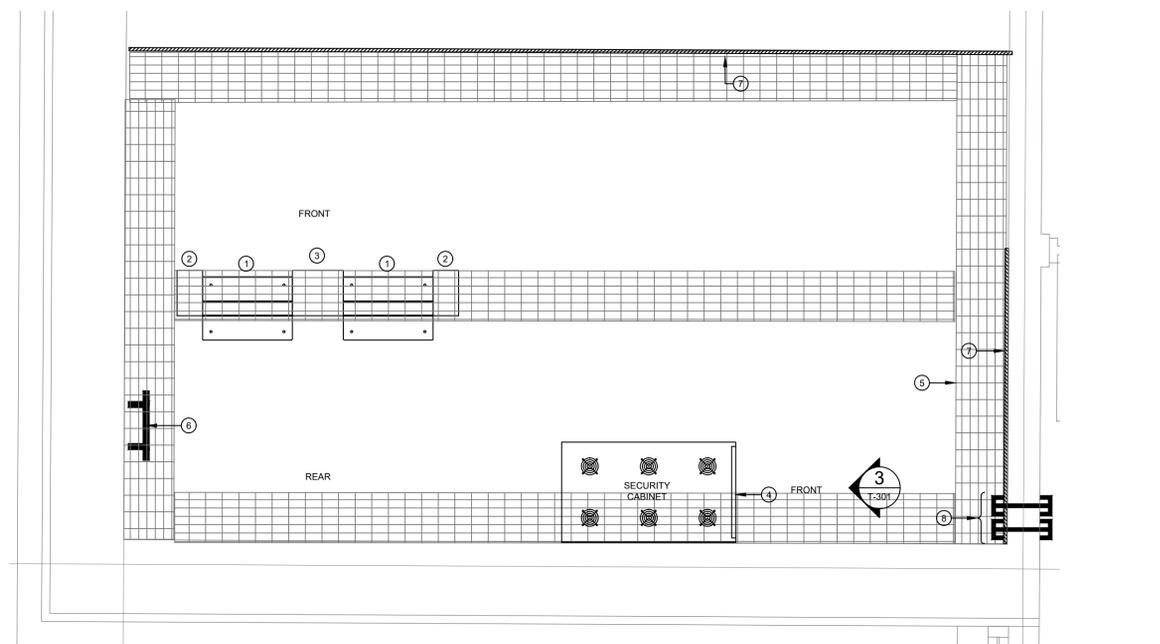
project no.: 2024-0112  
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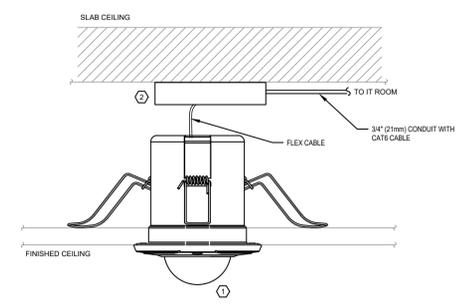
- EQUIPMENT:**
- 1 2-POST RACK (BY COMMS)
  - 2 6-INCH VERTICAL CABLE MANAGER (BY COMMS)
  - 3 12-INCH VERTICAL CABLE MANAGER (BY COMMS)
  - 4 25U SECURITY CABINET (BY COMMS)
  - 5 12"W x 4"D CABLE TRAY (BY COMMS)
  - 6 SECONDARY BONDING BUSBAR (BY DIV.26)
  - 7 4' x 8', 3/4" FIRE-RATED PLYWOOD (BY DIV.26)
  - 8 4" EMT SLEEVES (BY DIV. 26)



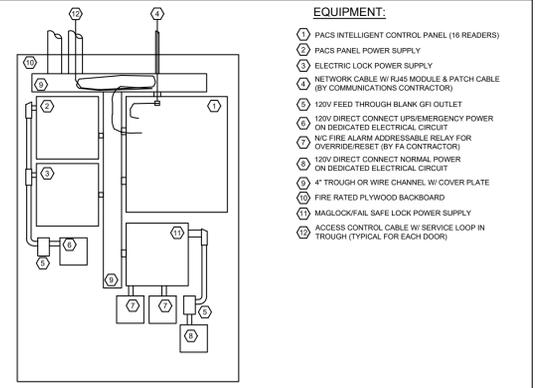
**7 ROOM LAYOUT**  
SCALE: N.T.S.

**CAMERA LEGEND & MATERIALS**

- LINE TYPES LEGEND**
- 1 SECURITY CAMERA
  - 2 SECURITY JUNCTION BOX
  - 3 UTP MEDIA CONVERTOR
  - 4 POE INJECTOR
  - 5 CAMERA POWER SUPPLY
  - 6 RECEPTACLE (BY ELECTRICAL CONTRACTOR)
  - 7 PENDANT ADAPTOR
  - 8 SECURITY JUNCTION BOX
  - 9 STEEL STRAPS
  - 10 PENDANT KIT
  - 11 AUXILIARY DEVICE (GLASS BREAK, AUDIBLE ALARM, MOTION DETECTOR, ETC.)
  - 12 BLUE STROBE LIGHT
  - 13 PUSH RED BUTTON FOR ASSISTANCE
  - 14 SPEAKER
  - 15 MICROPHONE
  - 16 VIDEO CAMERA FOR ASSISTANCE STATION
  - 17 PARAPET MOUNT
- LINE TYPES LEGEND**
- 1 CABLE RAN INSIDE DOOR FRAMES/DOORS
  - 2 CONDUIT INSTALLED IN WALL SPACE



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

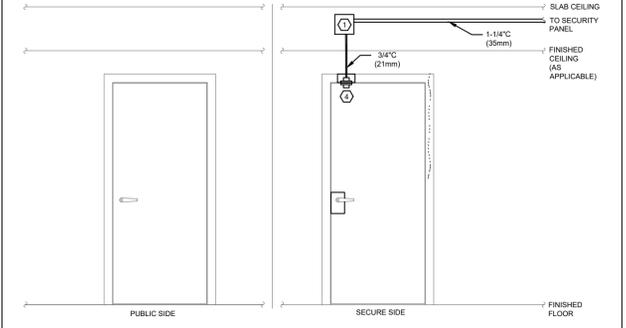


- EQUIPMENT:**
- 1 PACS INTELLIGENT CONTROL PANEL (16 READERS)
  - 2 PACS PANEL POWER SUPPLY
  - 3 ELECTRIC LOCK POWER SUPPLY
  - 4 NETWORK CABLE W/ RAS MODULE & PATCH CABLE (BY COMMUNICATIONS CONTRACTOR)
  - 5 120V FEED THROUGH BLANK GF OUTLET ON DEDICATED ELECTRICAL CIRCUIT
  - 6 120V DIRECT CONNECT UPS/EMERGENCY POWER ON DEDICATED ELECTRICAL CIRCUIT
  - 7 NC FIRE ALARM ADDRESSABLE RELAY FOR OVERRIDE/RESET (BY FA CONTRACTOR)
  - 8 20V 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)

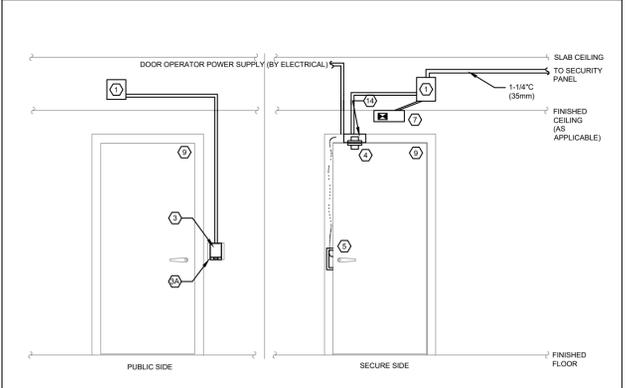
**5 TYPICAL ACCESS CONTROL PANEL MOUNTING DETAIL**  
SCALE: N.T.S.

**DOOR LEGEND & MATERIALS**

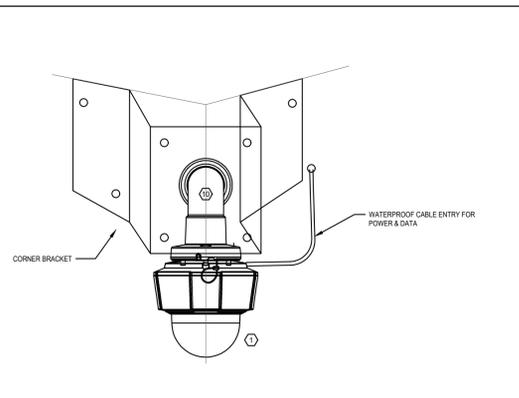
- LINE TYPES LEGEND**
- 1 SECURITY JUNCTION BOX ON SECURE SIDE OF DOOR (BY ELECTRICAL)
  - 2 MAGNETIC LOCK
  - 3 PROXIMITY CARD READER
  - 4 DOUBLE GANG BACK BOX W/ SINGLE GANG TRIM PLATE (BY ELECTRICAL)
  - 5 RECESSED DOOR POSITION SWITCH
  - 6 ELECTRIC STRIKE
  - 7 POWER TRANSFER HINGE
  - 8 REQUEST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



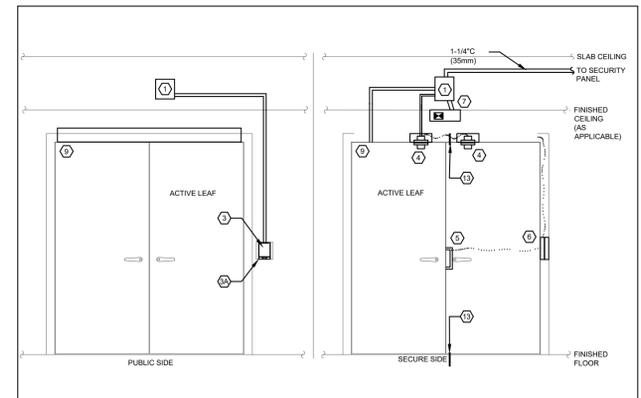
**1 SINGLE DOOR MONITORED DOOR**  
SCALE: N.T.S.



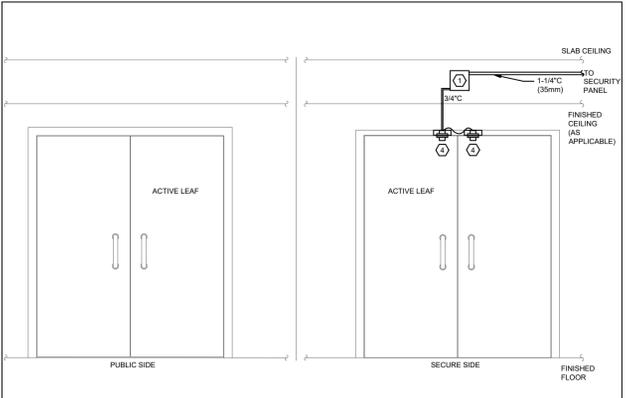
**2 SINGLE DOOR W/ READER IN**  
SCALE: N.T.S.



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



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



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

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**

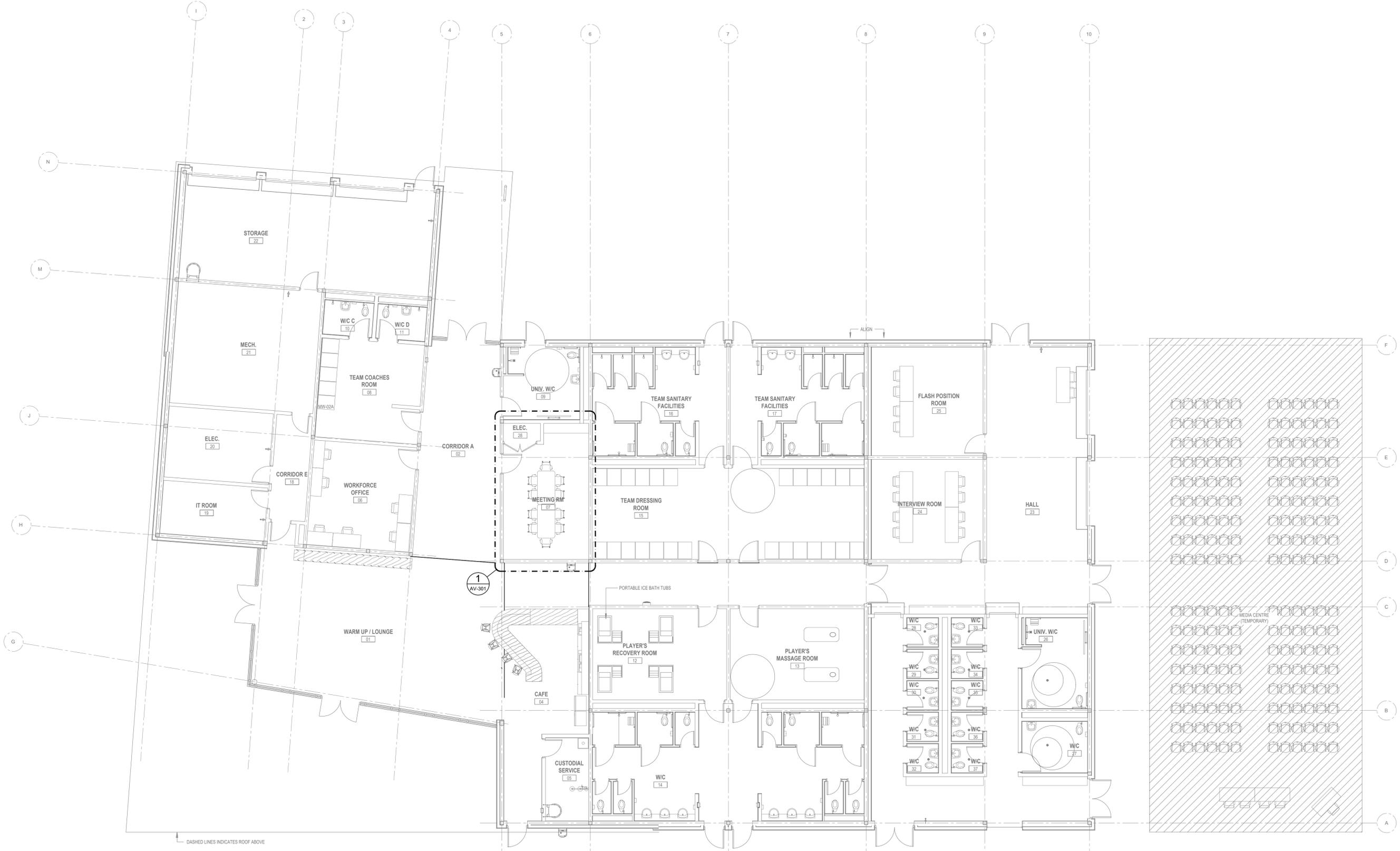
project no.: 2024-0112  
scale: N.T.S.  
date: MAY 2024

drawing no.:



general notes:

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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

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

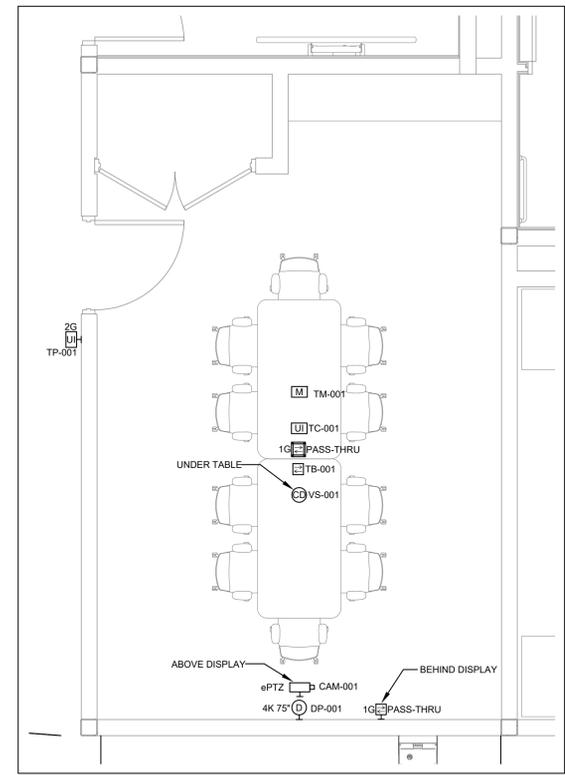
**EAST VSTS KEYPLAN**

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

drawing no.:

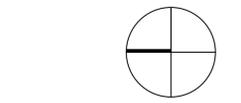
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**1 MEETING ROOM [07] - AV DEVICE PLAN**  
AV-301 SCALE: 1:40

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



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

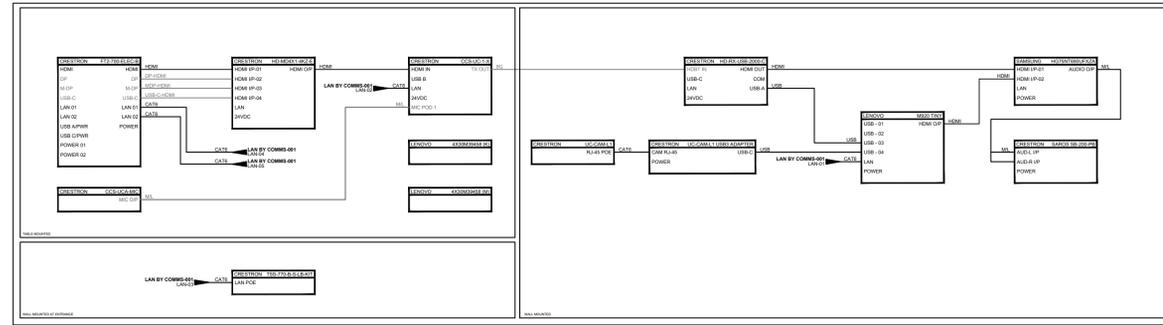
**EAST VSTS DEVICE PLAN**

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

drawing no. :

general notes :

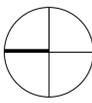
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**1** MEETING ROOM [07] - AV FUNCTIONALDIAGRAM  
AV-401 SCALE: NONE

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: 0000



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

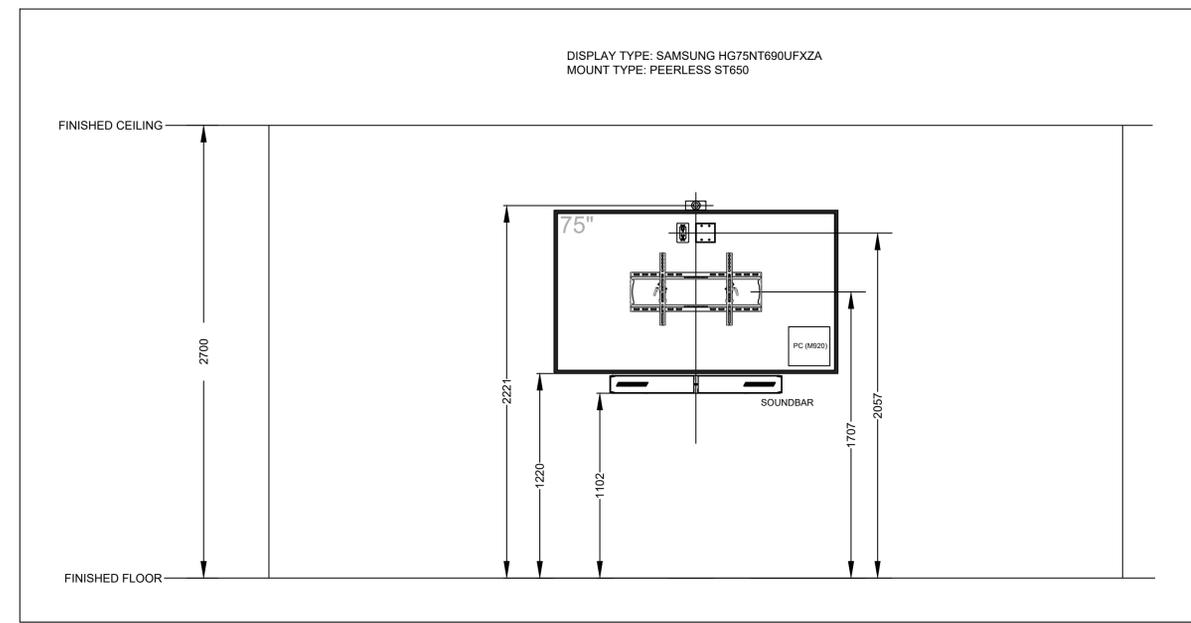
FUNCTIONALS

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

drawing no. :

general notes :

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

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



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

**DETAILS**

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

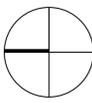
drawing no. :

general notes :

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



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

**RISER**

**NOTES**  
1. CONDUIT SIZE IS 19mm UNLESS OTHERWISE NOTED.

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

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

**AV-601**

## PROPOSED 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.
 #	FLOOR	
 #	CEILING	
 #	FURNITURE	$\frac{2}{\nabla}$ = TWO (2) COMMUNICATIONS CABLES, ETC...
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	

### DATA & VOICE / NETWORK 'A' & NETWORK 'B'

#D or #A or #B	#V or #B	
 #D or #A or #B	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.
 #D or #A or #B	FLOOR	
 #D or #A or #B	CEILING	
 #D or #A or #B	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	

### FIBRE 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
 SR	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.

AFB	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	US	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		

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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



## 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. :

general notes:

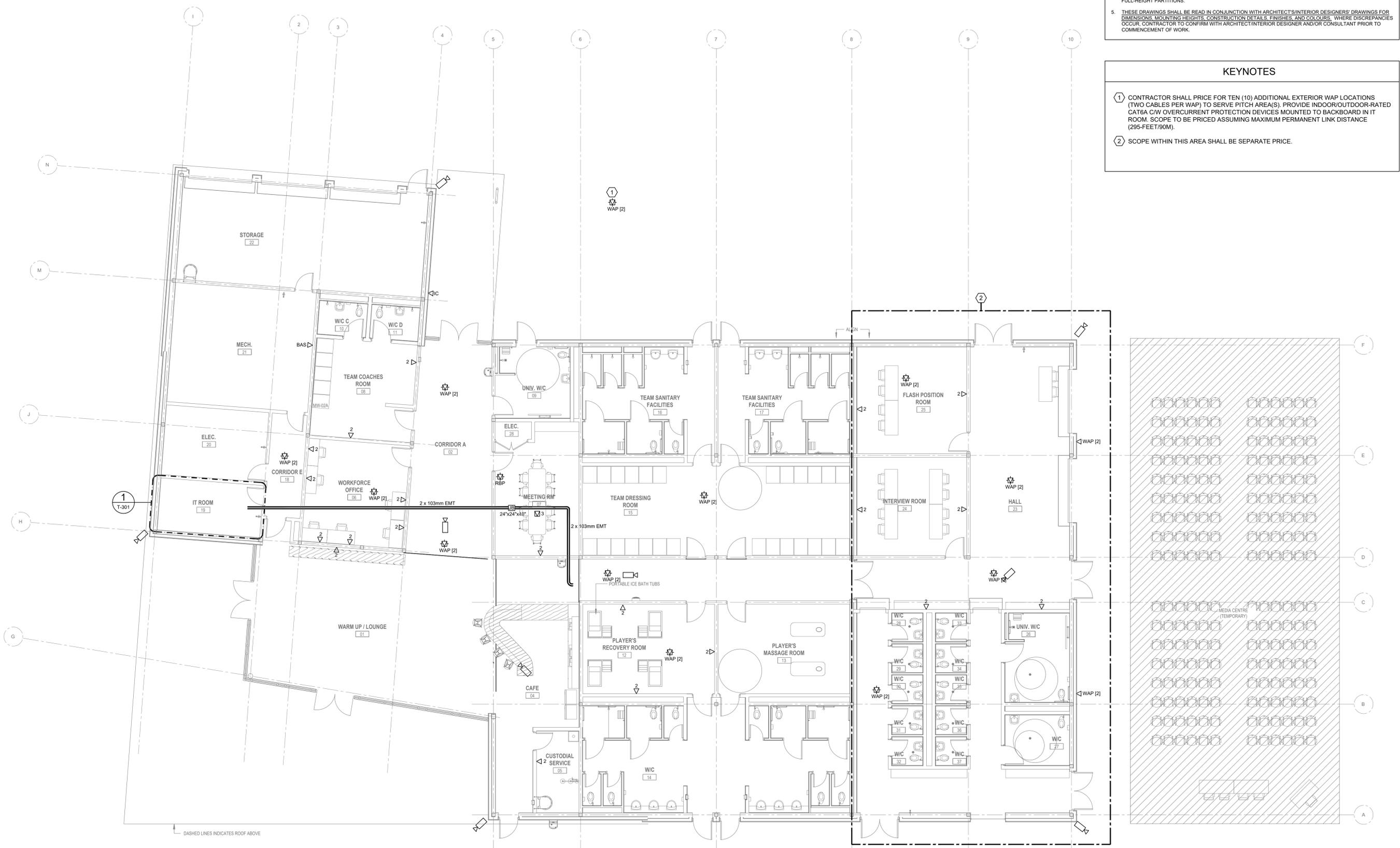
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**CABLING SYSTEM NOTES**

- 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 ENCR OACH 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.



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

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

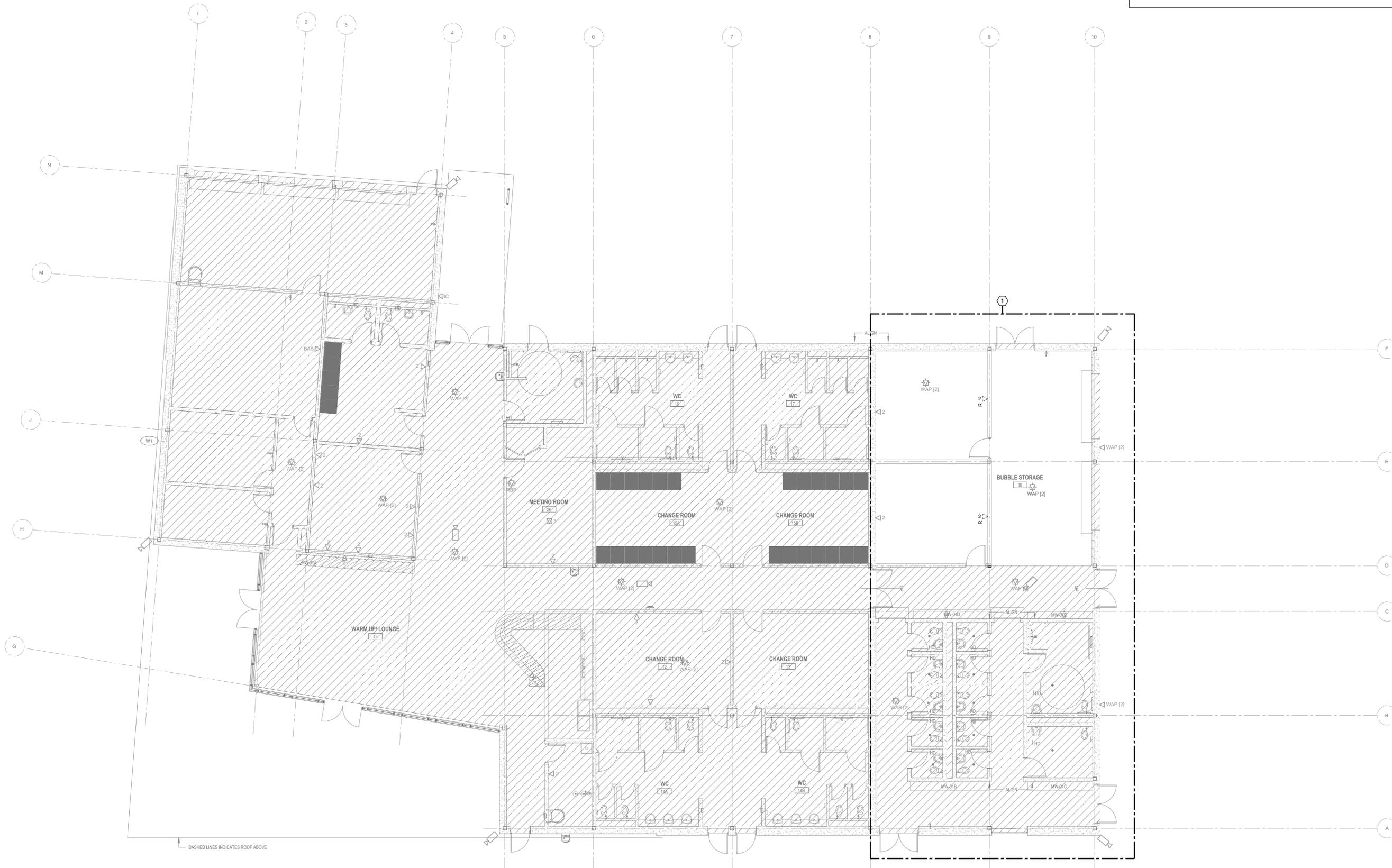
project no.: 2024-0112  
scale: 1:100  
date: MAY 2024  
drawing no.:

KEYNOTES

① SCOPE WITHIN THIS AREA SHALL BE SEPARATE PRICE.

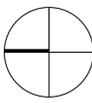
general notes:

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.



DASHED LINES INDICATES ROOF ABOVE

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



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

**EAST VSTS LEGACY TELECOM**  
**DEMO LAYOUT**

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

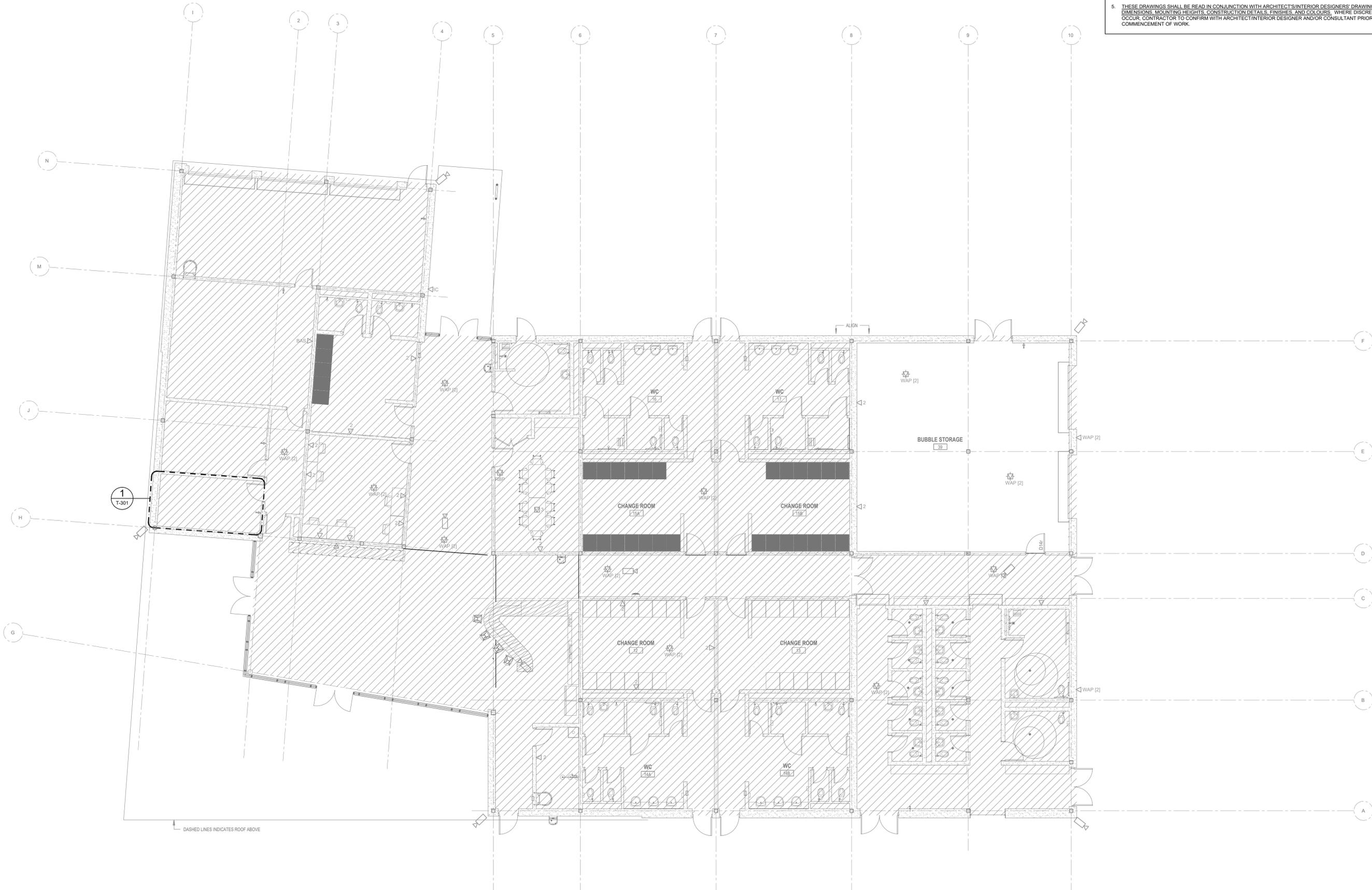
drawing no. :

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/7'-BAR CEILING SPACES. COORDINATE WITH ELECTRICAL CONTRACTOR FOR SLEEVES THROUGH FULL-HEIGHT PARTITIONS.
- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECT'S/INTERIOR DESIGNER'S 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.

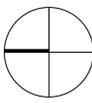
general notes :

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DASHED LINES INDICATES ROOF ABOVE

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3. ISSUED FOR COORDINATION	08-16-2024
2. ISSUED FOR COORDINATION	07-30-2024
1. ISSUED FOR CLASS C COSTING	06-28-2024



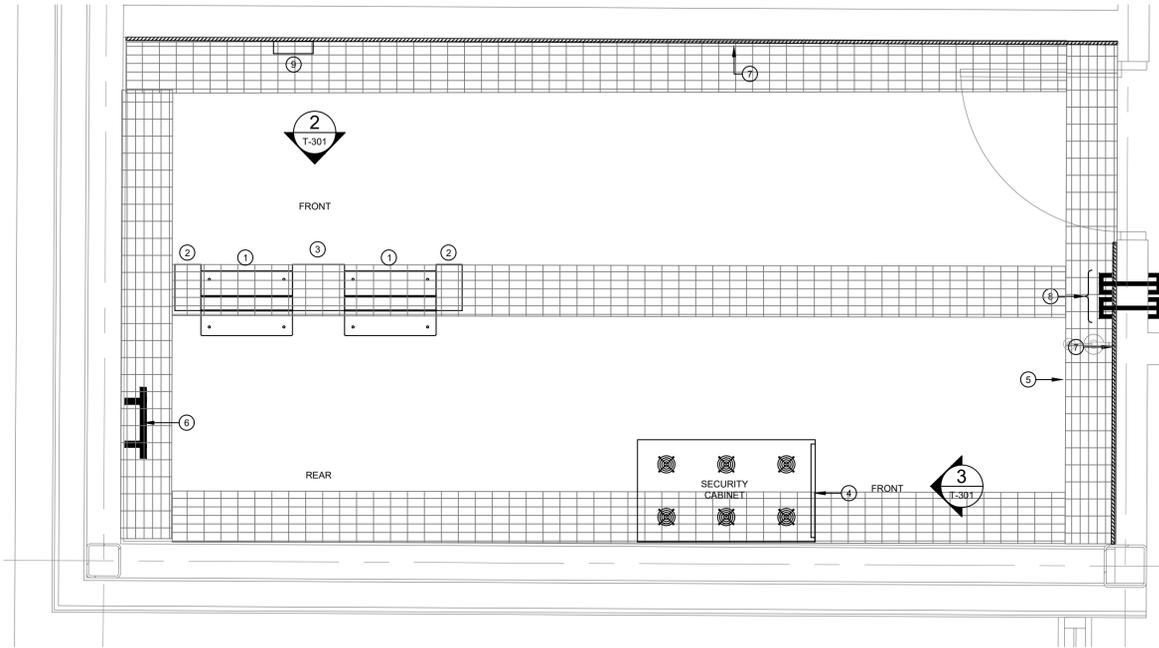
**FIFA - EAST VSTS**  
**CENTENNIAL PARK**  
 Address: 56 Centennial Park Rd, Toronto, ON  
**EAST VSTS LEGACY TELECOM**  
**LAYOUT**

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

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)

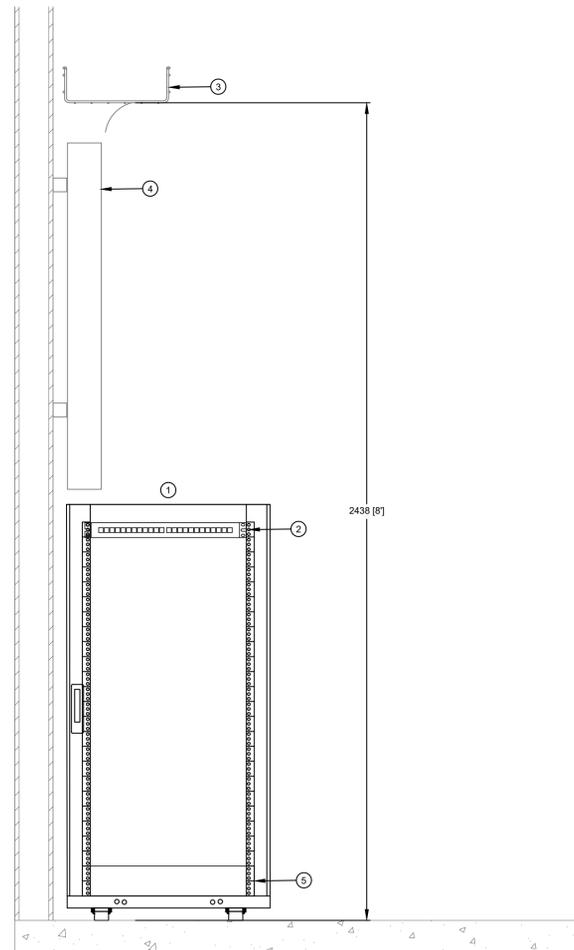


**1 IT ROOM [28] LAYOUT**  
T-301 SCALE: 1:20

- 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.

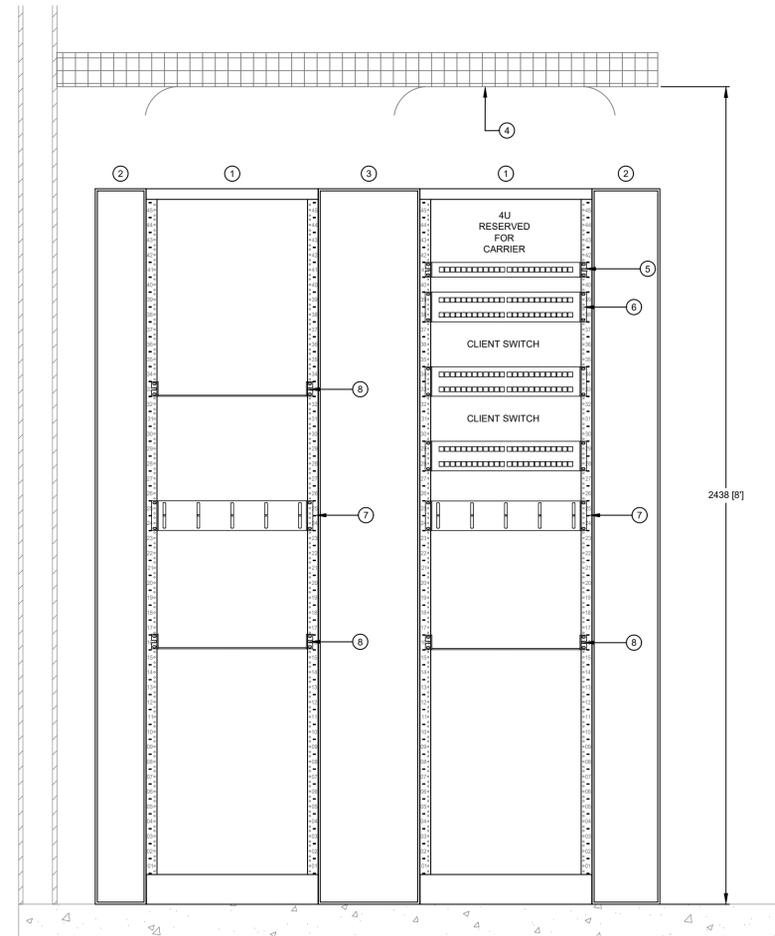


**3 IT ROOM [28] SECURITY CABINET ELEVATION**  
T-301 SCALE: 1:10

- 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

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



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

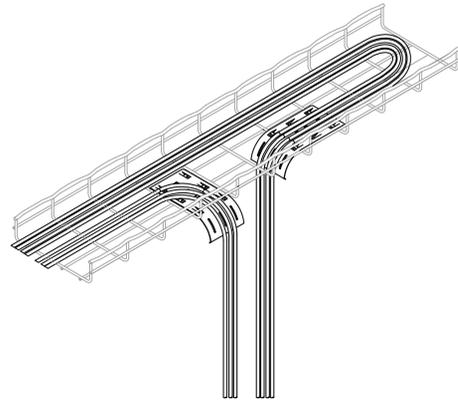
**IT ROOM LAYOUT & ELEVATIONS**

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

drawing no.:

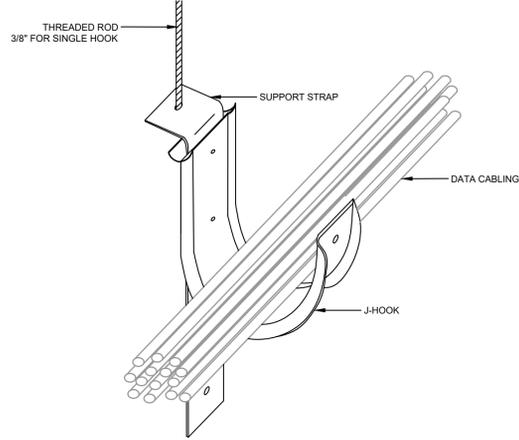
general notes:

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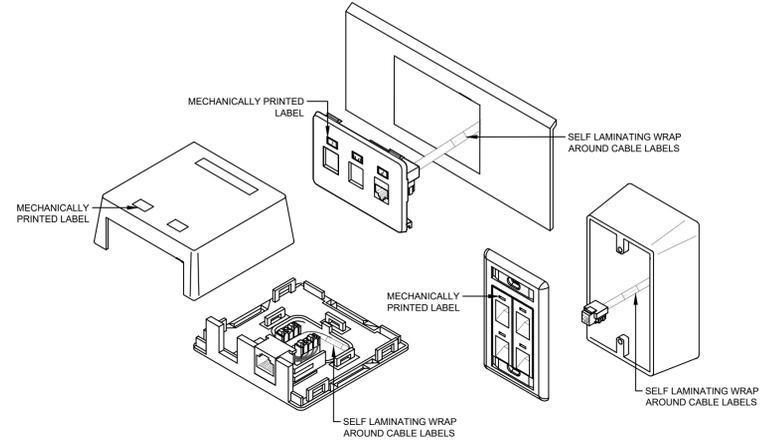


NOTE:  
1 - FOR INFORMATION ONLY

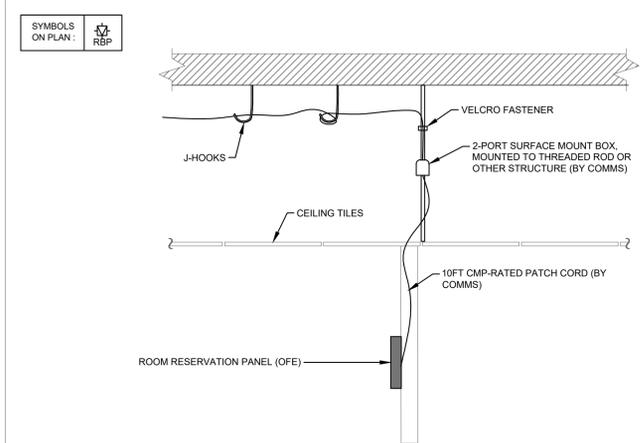
**7 WATERFALLS / CABLE SLACK**  
SCALE: N.T.S.  
T-401



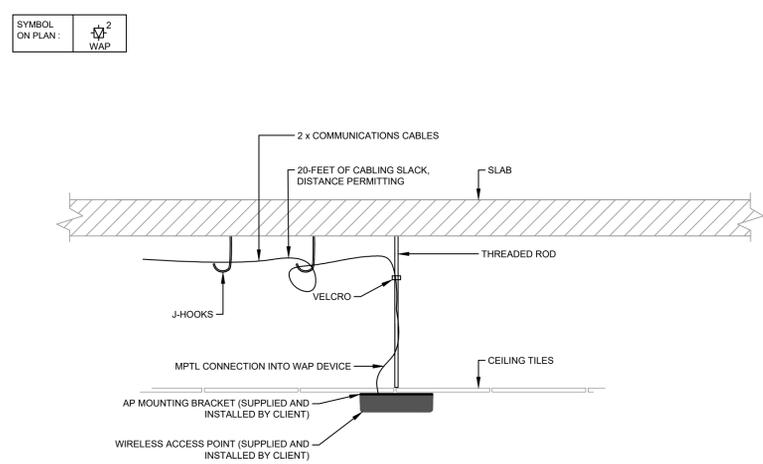
**4 J-HOOK DETAIL, TYPICAL**  
SCALE: N.T.S.  
T-401



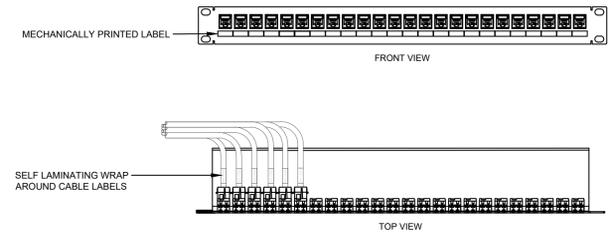
**1 FACEPLATE / CABLE LABELLING, TYPICAL**  
SCALE: N.T.S.  
T-401



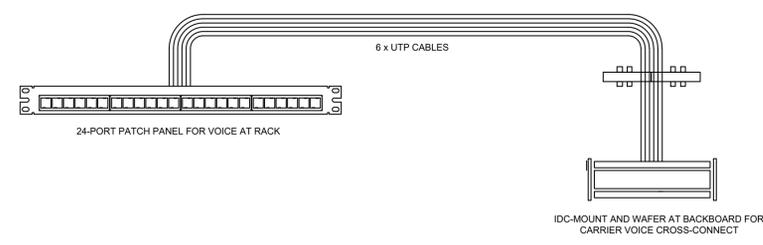
**8 ROOM BOOKING PANEL DETAIL**  
SCALE: N.T.S.  
T-401



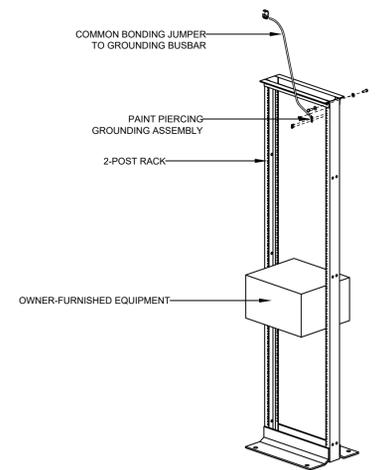
**5 ACCESSIBLE CEILING WAP MOUNTING DETAIL, TYPICAL**  
SCALE: N.T.S.  
T-401



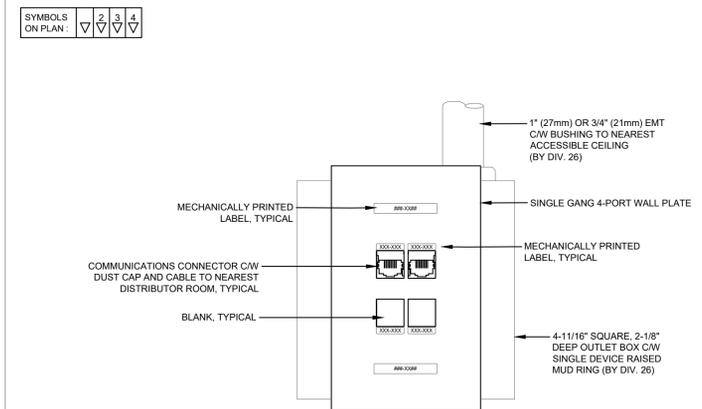
**2 PATCH PANEL / CABLE LABELLING, TYPICAL**  
SCALE: N.T.S.  
T-401



**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



NOTES:

1. CONTRACTOR SHALL SUPPLY CONNECTORS AND LABELS BASED ON QUANTITIES SHOWN ON DRAWINGS.
2. CONTRACTOR SHALL SUPPLY BLANKS FOR ANY UN-USED PORTS.
3. ALL COMPONENTS BY DIVISION 27 UNLESS NOTED OTHERWISE.
4. SEE SPECIFICATIONS FOR LABELLING SCHEME.

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

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

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

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

drawing no.: T-401