



















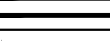





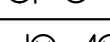








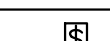




































































































LIGHTING LEGEND		EXISTING DEVICES ARE TONED :	 T	 T
	2' x 2'	LED/FLORESCENT LUMINAIRE - RECESSED, CEILING, SURFACE, OR SUSPENDED (NEW or EXISTING IN RELOCATED POSITION)		
	1' x 4'			
	2' x 4'			DIAGONAL DENOTES BASE BUILDING FIXTURE
	EXISTING BASE BUILDING LUMINAIRE TO REMAIN			
	EXISTING BASE BUILDING LUMINAIRE TO BE REMOVED			
	LUMINAIRE - WALL MOUNTED			
	LUMINAIRE - RECESSED OR CEILING MOUNTED DOWNLIGHT			
	SINGLE HEAD	MULTI-HEAD - RECESSED OR CEILING MOUNTED		
	DOUBLE HEAD			
	TRIPLE HEAD			
	LUMINAIRES - WALL MOUNTED			
	LUMINAIRE - WALL WASHER/ ADJUSTABLE LUMINAIRE			
	LUMINAIRE - STEP LIGHT			
	LUMINAIRE - SUSPENDED / PENDANTS			
	POLE MOUNTED LUMINAIRE			
	ILLUMINATED BOLLARD			
	LINEAR TRACK c/w TRACK HEADS. QUANTITY OF TRACK HEADS AS PER LUMINAIRE SCHEDULE.			
	DENOTES LUMINAIRE ON EMERGENCY POWER			
	LUMINAIRE USED AS NIGHT LIGHT			
	COVE, UNDERCABINET, AND/OR INTEGRATED LINEAR LIGHTING STRIP. LENGTH TO BE FIELD MEASURED			
	LUMINAIRE DESIGNATOR LETTER DENOTES TYPE. REFER TO LUMINAIRE SCHEDULE.			
BATTERY POWER EMERGENCY LIGHTING:				
	WALL MOUNTED	EMERGENCY REMOTE LIGHTING HEAD. QUANTITY OF HEADS AS INDICATED.		
	CEILING MOUNTED			
	EMERGENCY LIGHTING BATTERY UNIT c/w REMOTE LIGHTING HEADS.			
	TAG #/ INDICATES CIRCUITING FOR REMOTE HEADS.			
EXIT SIGNS:				
	CEILING MOUNTED	EXIT SIGN MOUNTING AS INDICATED. DIRECTION AS INDICATED.		
	END MOUNTED			
	WALL MOUNTED			
	WALL MOUNTED WITH REMOTE HEADS/INTEGRATED BATTERY AS NOTED.			
	TAG #/ DENOTES EXIT SIGN TYPE WHERE MULTIPLE TYPES ARE USED. REFER TO LUMINAIRE SCHEDULE.			
SWITCHES AND SENSORS:				
	DENOTES SWITCH. TAG #/ INDICATES SWITCH TYPE/ACCESSORIES.	"3" - 3-WAY "4" - 4-WAY "K" - KEY "M" - MASTER "V" - VARIABLE SPEED		
	DENOTES DIMMER SWITCH. TAG #/ INDICATES SWITCH TYPE/ACCESSORIES.			
	DENOTES SWITCH GANGED UNDER COMMON COVERPLATE (2, 3 & 4 SHOWN)			
	OCCUPANCY SENSOR SWITCH			
	LOW VOLTAGE SWITCH			
	ALTERNATE VOLTAGE SWITCH (347V)			
	WIRELESS SWITCH			
	CEILING or WALL MOUNTED OCCUPANCY SENSOR. #/ DENOTES OCCUPANCY SENSOR TYPE.			
	CEILING or WALL MOUNTED DAY LIGHT SENSOR. #/ DENOTES OCCUPANCY SENSOR TYPE.			
	PHOTOCELL			
	TIME SWITCH			
	VARIABLE SPEED SWITCH			
ABBREVIATIONS:				
AFI - ARC FAULT INTERRUPTER				
AF - AMPS FRAME				
AV - AUDIO/VISUAL DEVICE				
CH - COUNTER HEIGHT, '12" OR AS NOTED				
CLG - CEILING				
DW - DISHWASHER				
GFI - GROUND FAULT INTERRUPTER				
GND - GROUND				
HK - HOUSE KEEPING				
IG - INTERMEDIATE DISTRIBUTION FRAME				
K - KEY OPERATED				
MD - MAIN DISTRIBUTION FRAME				
MM - MULTIMODE				
(N) - NORMAL CIRCUIT				
NL - NIGHT LIGHT				
PBX - PRIVATE BRANCH EXCHANGE				
R - TO BE REMOVED				
RL - RELOCATED POSITION				
RIA - RETURN AIR				
(SC) - SEPARATE CIRCUIT				
SM - SINGLE MODE				
TEMP - TEMPORARY				
TL - TWIST LOCK				
TR - TAMPER RESISTANT				
UG - UNDERGROUND				
UN - UNLESS OTHERWISE NOTED				
UP - UNSHIELDED TWISTED PAIR				
WG - WIRE GUARD				
WP - WEATHER PROOF				
AFF - ABOVE FINISHED FLOOR				
AT - AMPS TRIP				
(C) DEDICATED CIRCUIT				
CHP - CHILD PROOF				
CP - CONSOLIDATION POINT				
EXP - EXPLOSION PROOF				
GFCI - GROUND FAULT CURRENT INTERRUPTER				
GWB - GYPSUM WALL BOARD				
HP - HOSPITAL GRADE				
IG - ISOLATED GROUND				
MCS - MULTIMEDIA COMMUNICATION SYSTEM				
MH - MANHOLE				
MW - MICROWAVE				
NIC - NOT IN CONTRACT				
OH - OVERHEAD				
PR - PAIR				
RE - TO BE RELOCATED				
RF - REFRIGERATOR				
S/A - SUPPLY AIR				
SG - SINGLE GANG				
SS - STAINLESS STEEL				
UPS - UNINTERRUPTIBLE POWER SUPPLY				
TSER - TELECOM SERVICE ENTRANCE ROOM				
TYP - TYPICAL				
UG - UNDERSIDE				
UPS - UNINTERRUPTIBLE POWER SUPPLY				
WAP - WIRELESS ACCESS POINT				
WW - WIREWAY				
WT - WATER TIGHT				

ELECTRICAL LEGEND		EXISTING DEVICES ARE TONED :	 Φ	 Φ
	120V, SINGLE PHASE DIRECT CONNECTION			
	208V, SINGLE PHASE DIRECT CONNECTION			
	208V, THREE PHASE DIRECT CONNECTION			
	600V, SINGLE PHASE DIRECT CONNECTION			
	600V, THREE PHASE DIRECT CONNECTION			
	___ V, SINGLE PHASE DIRECT CONNECTION - VOLTAGE AS NOTED			
	___ V, THREE PHASE DIRECT CONNECTION - VOLTAGE AS NOTED			
	DISCONNECT SWITCH - NON-FUSED			
	DISCONNECT SWITCH - FUSED			
	DISCONNECT SWITCH - BUS PLUG			
	DISTRIBUTION BOX 'JB' DENOTES JUNCTION BOX OR PULL BOX 'B' DENOTES BLANK BOX			
	VARIABLE FREQUENCY DRIVE			
	ELECTRICAL PANELBOARD - SURFACE MOUNTED			
	ELECTRICAL PANELBOARD - RECESSED			
	UTILITY PANEL/CABINET (e.g. FIRE, COMMS etc.) - SURFACE MOUNTED			
	UTILITY PANEL/CABINET (e.g. FIRE, COMMS etc.) - RECESSED			
	LOOSE COMBINATION MOTOR STARTER			
	LOOSE MOTOR STARTER			
	CONTACTOR			
	TRANSFORMER - FLOOR MOUNTED. SIZE AND TYPE AS INDICATED.			
	TRANSFORMER - SUSPENDED. SIZE AND TYPE AS INDICATED.			
	EMERGENCY POWER SHUTOFF PUSHBUTTON			
	PUSH BUTTON STATION			
	DUPLEX, 1-GANG RECEPTACLE - 5-15R UNLESS NOTED			
	DUPLEX, 1-GANG RECEPTACLE - CEILING MOUNTED. 5-15R UNLESS NOTED			
	DUPLEX, 1-GANG RECEPTACLE - FLOOR MOUNTED. 5-15R UNLESS NOTED			
	DUPLEX, 1-GANG RECEPTACLE - 5-20R UNLESS NOTED			
	DUPLEX, 1-GANG RECEPTACLE - CEILING MOUNTED. 5-20R UNLESS NOTED			
	DUPLEX, 1-GANG RECEPTACLE - FLOOR MOUNTED. 5-20R UNLESS NOTED			
	SINGLE RECEPTACLE - 5-15R UNLESS NOTED			
	SINGLE RECEPTACLE - CEILING MOUNTED. 5-15R UNLESS NOTED			
	SINGLE RECEPTACLE - FLOOR MOUNTED. 5-15R UNLESS NOTED			
	SINGLE TWISTLOCK RECEPTACLE - L5-15R UNLESS NOTED			
	SINGLE TWISTLOCK RECEPTACLE - CEILING MOUNTED. L5-15R UNLESS NOTED			
	GROUND FAULT INTERRUPTER (GFI) RECEPTACLE 5-15R, 5mA UNLESS NOTED			
	GROUND FAULT INTERRUPTER (GFI) RECEPTACLE - CEILING MOUNTED 5-15R, 5mA UNLESS NOTED			
	GROUND FAULT INTERRUPTER (GFI) RECEPTACLE - FLOOR MOUNTED 5-15R, 5mA UNLESS NOTED			
	GROUND FAULT INTERRUPTER (GFI) RECEPTACLE 5-20R, 5mA UNLESS NOTED			
	GROUND FAULT INTERRUPTER (GFI) RECEPTACLE - CEILING MOUNTED 5-20R, 5mA UNLESS NOTED			
	GROUND FAULT INTERRUPTER (GFI) RECEPTACLE - FLOOR MOUNTED 5-20R, 5mA UNLESS NOTED			
	DUPLEX, 1-GANG RECEPTACLE OUTLET - WITH USB			
	DUPLEX, 1-GANG RECEPTACLE OUTLET - CEILING MOUNTED WITH USB			
	DUPLEX, 1-GANG RECEPTACLE OUTLET - FLOOR MOUNTED WITH USB			
	SPLIT RECEPTACLE - 5-15R			
	SPLIT RECEPTACLE - CEILING MOUNTED. 5-15R			
	SPLIT RECEPTACLE - FLOOR MOUNTED. 5-15R			
	SPLIT RECEPTACLE - 5-20R			
	SPLIT RECEPTACLE - CEILING MOUNTED. 5-20R			
	SPLIT RECEPTACLE - FLOOR MOUNTED. 5-20R			
	DUPLEX, 1-GANG RECEPTACLE - 5-15R. ONE HALF CONTROLLED BY WALL SWITCH			
	DUPLEX, 1-GANG RECEPTACLE - 5-20R. ONE HALF CONTROLLED BY WALL SWITCH			
	QUAD, 2-GANG RECEPTACLE. 5-15R UNLESS NOTED			
	QUAD, 2-GANG RECEPTACLE - FLOOR MOUNTED. 5-15R UNLESS NOTED			
	QUAD, 2-GANG RECEPTACLE - CEILING MOUNTED. 5-15R UNLESS NOTED			
	STOVE RECEPTACLE - 14-50R, 125/250V, 50A			
	DRYER RECEPTACLE - 14-30R, 125/250V, 30A			
	COMBINATION OUTLET - WALL MOUNTED - AS DETAILED			
	COMBINATION OUTLET - FLOOR MOUNTED - AS DETAILED			
	SERVICE POLE - SERVICE POLE FEED TO FURNITURE SYSTEM			
	FEED FOR POWER & COMMUNICATIONS TO SYSTEM FURNITURE - WALL OR COLUMN MOUNTED			
	FEED FOR POWER & COMMUNICATIONS TO SYSTEM FURNITURE - FLOOR MOUNTED			
	FEED FOR POWER & COMMUNICATIONS TO SYSTEM FURNITURE - SURFACE RACEWAY MOUNTED			

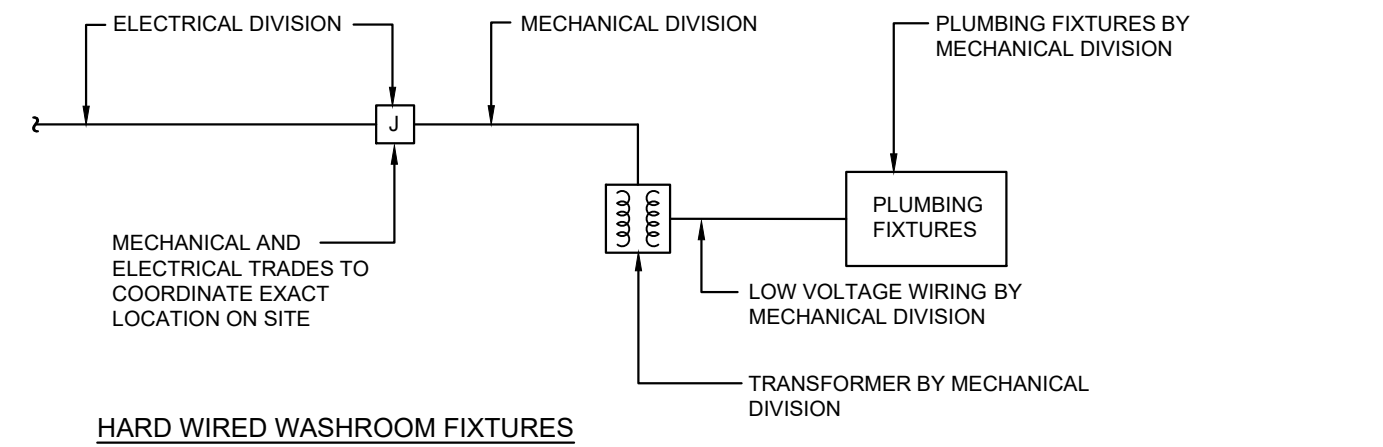
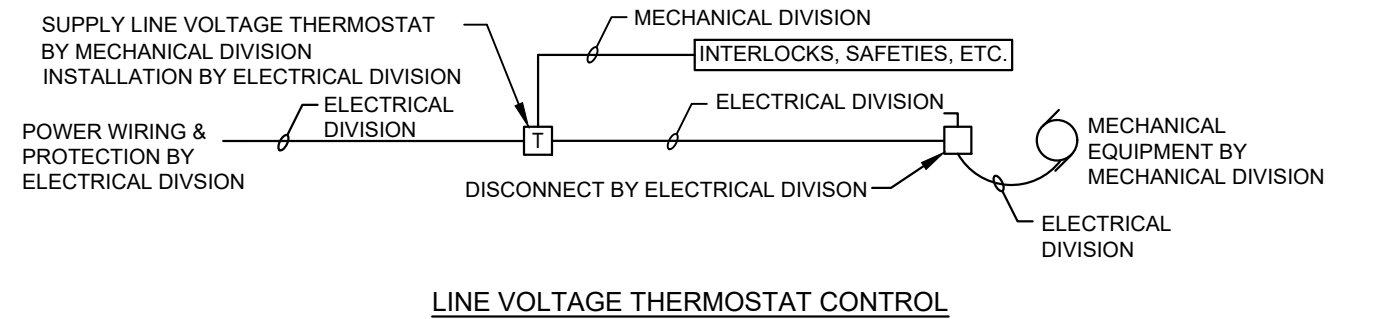
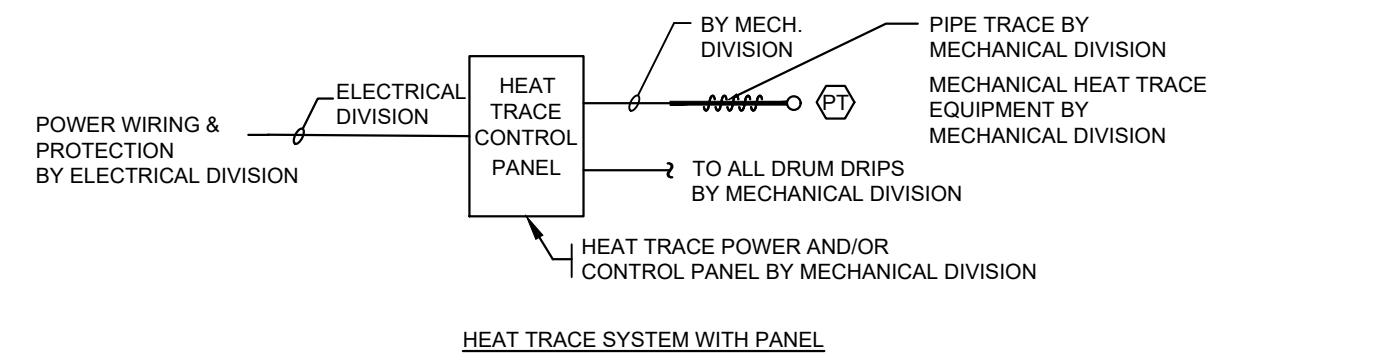
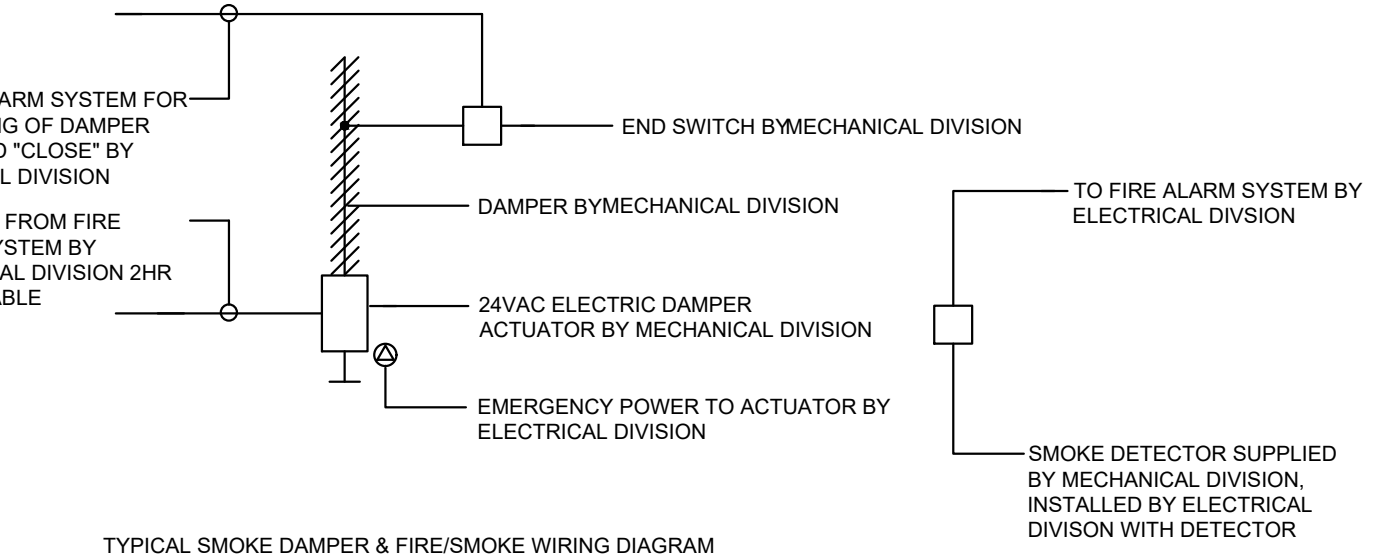
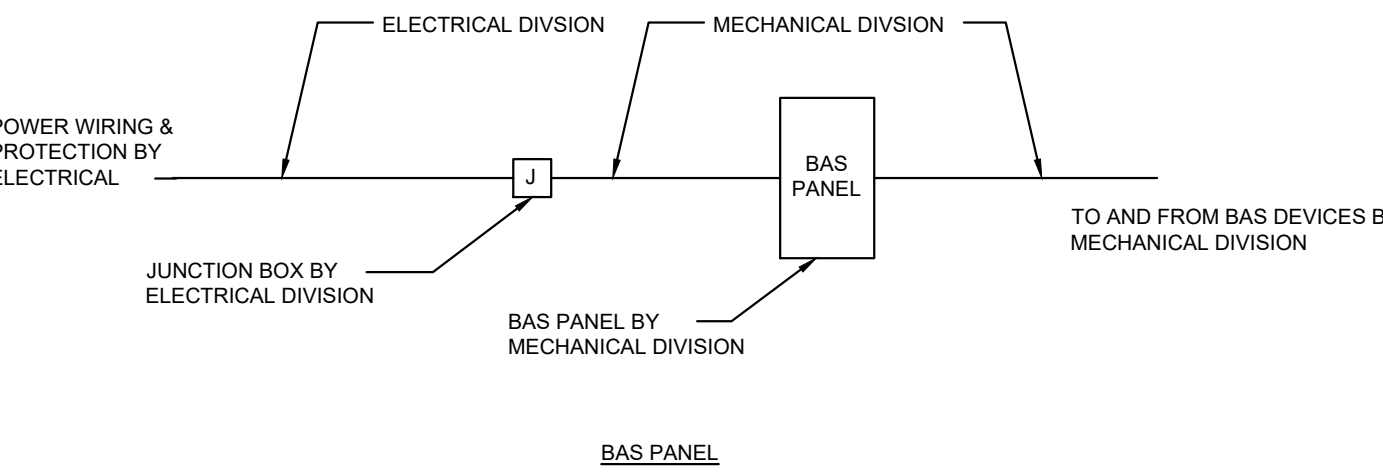
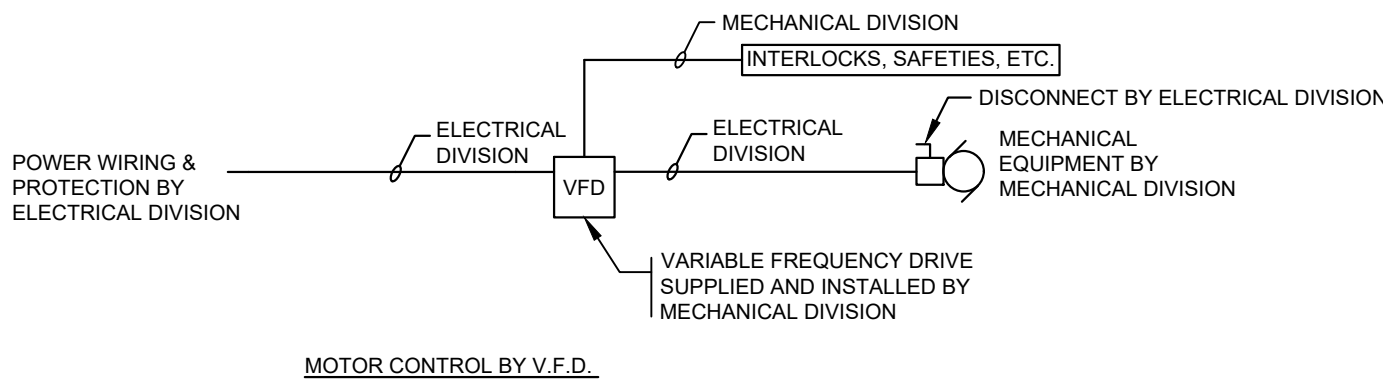
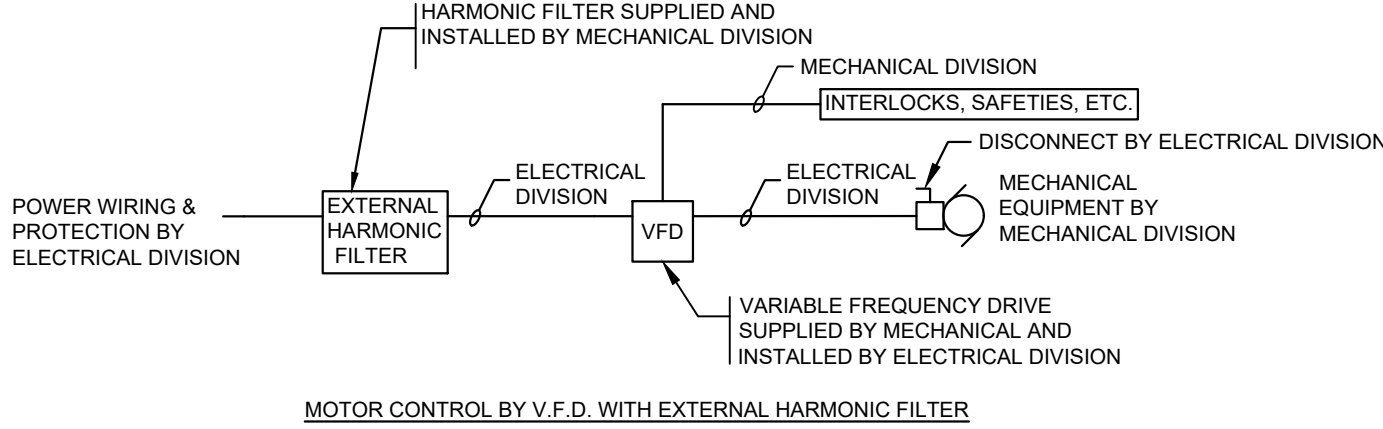
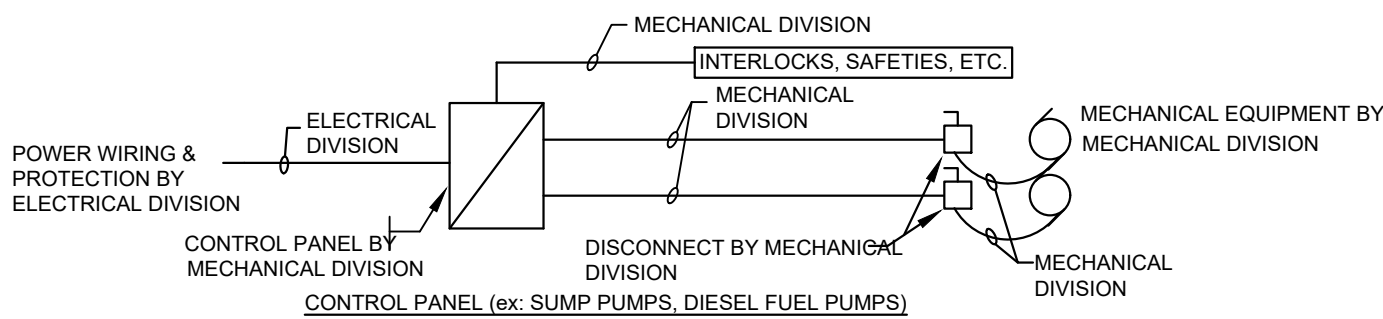
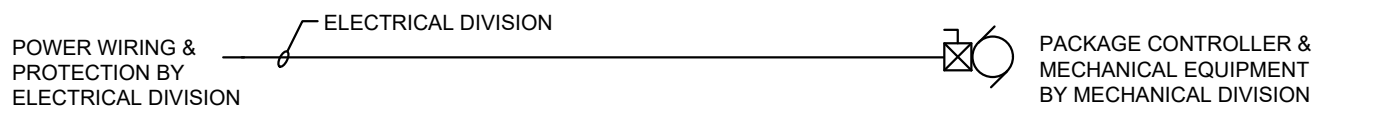
MISCELLANEOUS LEGEND		EXISTING DEVICES ARE TONED :
	'REFER TO KEYNOTE NOTE' NUMBER	
	'REFER TO DETAIL NOTE' NUMBER	
	DENOTES EXISTING DEVICE(S), WIRING OR CONDUIT TO BE 'REMOVED'	
	DENOTES MATCHLINE	
	DENOTES CROSS SECTION DETAIL CALL OUT	
	DENOTES DETAIL CALL OUT	
	DENOTES MECHANICAL EQUIPMENT TAG	
	DENOTES PANEL FEED	
MISCELLANEOUS DEVICES:		
	CONDUIT RUN UP	
	CONDUIT RUN DOWN	
	CONDUIT STUB	
	SURFACE RACEWAY	
	ELECTRIC BASEBOARD HEATER. SIZE AND VOLTAGE AS INDICATED. ALL BASEBOARDS COMPLETE WITH BUILT-IN THERMOSTAT	
	ELECTRIC PIPE TRACE HEATING CABLE - SIZE AS NOTED REFER TO PIPE TRACE SCHEDULE	
	ELECTRIC PIPE TRACE HEATING RISER CABLE - SIZE AS NOTED REFER TO PIPE TRACE SCHEDULE	
	DRYER CURRENT SENSOR	
	FORCE FLOW HEATER - SURFACE MOUNTED	
	FORCE FLOW HEATER - RECESSED MOUNTED	
	UNIT HEATER - CEILING MOUNTED	
	GROUND BAR	
	LINE VOLTAGE THERMOSTAT	
	CORE DRILL LOCATION FOR CONDUIT STUB-UPS	
	INVERTER	
GROUNDING DEVICES:		
	CONNECTION POINT	
	GROUND POINT	

SYSTEMS LEGEND			EXISTING DEVICES ARE TONED	 # 
DATA OUTLETS		MOUNTED		
	WALL	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE. "# DENOTES NUMBER OF OUTLETS		
	FLOOR			
	CEILING			
VOICE OUTLETS				
	WALL	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE. "# DENOTES NUMBER OF OUTLETS		
	FLOOR			
	CEILING			
DATA/VOICE OUTLETS				
	WALL	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE. "# DENOTES NUMBER OF OUTLETS		
	FLOOR			
	CEILING			
TV OUTLETS				
	WALL	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE		
	CEILING			
AUDIO/VISUAL LOCATION				
	WALL	AUDIO/VISUAL		
	CEILING			
	MUSIC SPEAKER - CEILING, WALL, MOUNTED			
	SOUND MASKING SPEAKER			
WIRELESS ACCESS POINT (WAP) LOCATION				
	WALL	WIRELESS ACCESS POINT (WIFI)		
	CEILING			
	CONDUIT DESIGNATION			
	DATA ZONE CONDUIT			
	VOICE ZONE CONDUIT			
	CABLE TRAY AS NOTED			
	CLOCKS - CEILING & WALL MOUNTED-LINES DENOTE CLOCK FACE DIRECTION			
PUBLIC ADDRESS SYSTEM LOCATION				
	WALL	PUBLIC ADDRESS SYSTEM SPEAKER		
	CEILING			
SECURITY AND ACCESS DEVICES				
	WALL OR CEILING	CLOSED CIRCUIT TELEVISION (SECURITY CAMERA)		
	WALL			
	CEILING	MOTION DETECTOR - SECURITY		
	WALL			
	CEILING			
	CARD READER			
	DOOR CONTACT			
	ELECTRIC STRIKE			
	ELECTRIC LATCH			
	ELECTRO-MAGNETIC LOCKING DEVICE. (MAG LOCK)			
	ELECTRIC HOLD OPEN DEVICE			
	REQUEST TO EXIT DEVICE			
	SECURITY KEY PAD			
	DOOR BELL			
	DOOR BUZZER			
	DOOR CHIME			
	PANIC ALARM BUTTON			
	SONA ALERT			
	DOOR RELEASE BUTTON			
	MAGNETIC DOOR HOLDER			
	EMERGENCY RELEASE PULL STATION - BLUE			
BARRIER-FREE WASHROOM DEVICES:				
	DOOR OPERATOR			
	BARRIER-FREE DOOR OPERATOR ACTUATOR			
	DURESS ALARM BUTTON			
	INTERCOM DEVICE			
	SYSTEM PUSH BUTTON LOCATION			
	EMERGENCY ASSISTANCE - AUDIBLE & VISUAL SIGNAL			
	PUSH-TO-LOCK DOOR DEVICE			
	INTELLIGENT CONTROL PANEL			

DISTRIBUTION LEGEND		EXISTING DEVICES ARE TONED :	
	TRANSFORMER. VOLTAGE AND RATING AS INDICATED.		
	ISOLATION TRANSFORMER C/W ELECTROSTATIC SHIELD		
	DELTA		
	WYE		
	CURRENT TRANSFORMER (CT)		
	POTENTIAL TRANSFORMER (PT)		
	MOLDED CASE CIRCUIT BREAKER (FIXED)		
	MOTORIZED CIRCUIT BREAKER		
	AIR CIRCUIT BREAKER (FIXED)		
	AIR CIRCUIT BREAKER (DRAW OUT)		
	HIGH VOLTAGE CIRCUIT BREAKER		
	CONTACTOR - NORMALLY OPEN		
	CONTACTOR - NORMALLY CLOSED		
	FUSE		
	DISCONNECT SWITCH (FUSED)		
	DISCONNECT SWITCH (UNFUSED)		
	LOAD BREAK SWITCH		
	TRANSFER SWITCH (AUTOMATIC OR MANUAL)		
	FEEDER		
	BUS		
	BUS DUCT RISER		
	GENERATOR		
	KIRK KEY INTERLOCK		
	UTILITY METER		
	UTILITY METER SOCKET		
	UTILITY METER CABINET		
	METERING POINT		
	DIGITAL METERING SYSTEM		
	SURGE PROTECTIVE DEVICE		
	NEUTRAL GROUND		
	GROUND FAULT PROTECTION DEVICE		
	GROUNDING CONNECTION		
	RELAY		
	AMMETER		
	VOLTMETER		
	SINGLE PHASE MOTOR		
	THREE PHASE MOTOR		
	PANEL BOARD (SINGLE TUB)		
	PANEL BOARD (DOUBLE TUB)		
DEMOLITION			
R	RL	R - REMOVE RL - RELOCATE	
DENOTES EXISTING EQUIPMENT, DEVICES, CONDUIT TO BE 'REMOVED'			
		DENOTES EXISTING DEVICES TO BE 'REMOVED'	
DENOTES EXISTING DEVICES TO BE 'RELOCATED'			
EXISTING			
		EXISTING TO REMAIN (TONED)	

DWG. No.	DRAWING TITLE
E-000.0	ELECTRICAL LEGEND AND DRAWING LIST
E-001.0	GENERAL NOTES & SCOPE OF WORK
E-100.0	SITE PLAN
ED-200.0	DEMOLITION REFLECTED CEILING PLAN - GAME TO LEGACY
ED-300.0	DEMOLITION FLOOR PLAN - GAME TO LEGACY
E-200.0	REFLECTED CEILING PLAN - GAME LIGHTING LAYOUT
E-201.0	REFLECTED CEILING PLAN - LEGACY LIGHTING LAYOUT
E-300.0	FLOOR PLAN - GAME
E-301.0	ROOF PLAN
E-302.0	FLOOR PLAN - LEGACY
E-500.0	SINGLE LINE DIAGRAM
E-700.0	SCHEDULES
E-800.0	DETAILS
E-801.0	DETAILS PART 2
E-802.0	DETAILS PART 3

SCOPE OF WORK FOR MECHANICAL EQUIPMENT



AV EQUIPMENT – 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				I		
AV WIRE AND CABLE	S					
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			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					

NOTES:

- 1) PROVIDE SCOPE OF WORK IN TABLE ABOVE AND AS INDICATED ON AV DRAWINGS PREPARED BY THE HIDI GROUP, WHICH FORM PART OF THIS CONTRACT.

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 SCOPE OF WORK

- 1) PROVIDE CONDUIT TRUNK AND JUNCTION BOX C/W PULL STRING AS INDICATED ON COMMUNICATIONS DRAWING T-201.
- 2) PROVIDE PLYWOOD BACKBOARD AND BONDING BAR AS INDICATED ON DETAIL 1/T-301.
- 3) PROVIDE CONDUIT, BACKBOXES, JUNCTION BOXES, AND OTHER WORK IDENTIFIED ON COMMUNICATIONS DRAWINGS PREPARED BY THE HIDI GROUP WHICH FORM PART OF THIS CONTRACT.

SECURITY EQUIPMENT - 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)

NOTES:

- 1) PROVIDES SCOPE OF WORK INDICATED IN TABLE ABOVE AND INDICATED ON SECURITY DRAWINGS PREPARED BY THE HIDI GROUP, WHICH FORM PART OF THIS CONTRACT.
- 2) PROVIDE SCOPE OF WORK INDICATED ON DETAIL 1/SD-401.
- 3) PROVIDE CONDUIT AND JUNCTION BOX INFRASTRUCTURE C/W PULL STRING FOR ALL DOORS WITH SECURITY DEVICES.

C H E R I E N G
A R C H I T E C T I N C
www.cherieng.com
t. 416.898.1979

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.

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FIFA - EAST VSTS
CENTENNIAL PARK

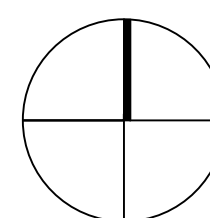
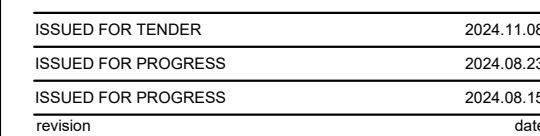
Address: 56 Centennial Park Rd, Toronto, ON

GENERAL NOTES & SCOPE OF WORK

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

E-001.0

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Toronto, ON M2H 3N5 Canada
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Address: 56 Centennial Park Rd, Toronto, ON

project no. :	2024-0112
scale :	1:600

general notes :

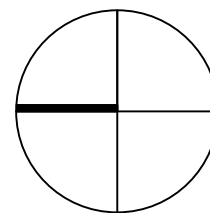
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ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
Revision	0000



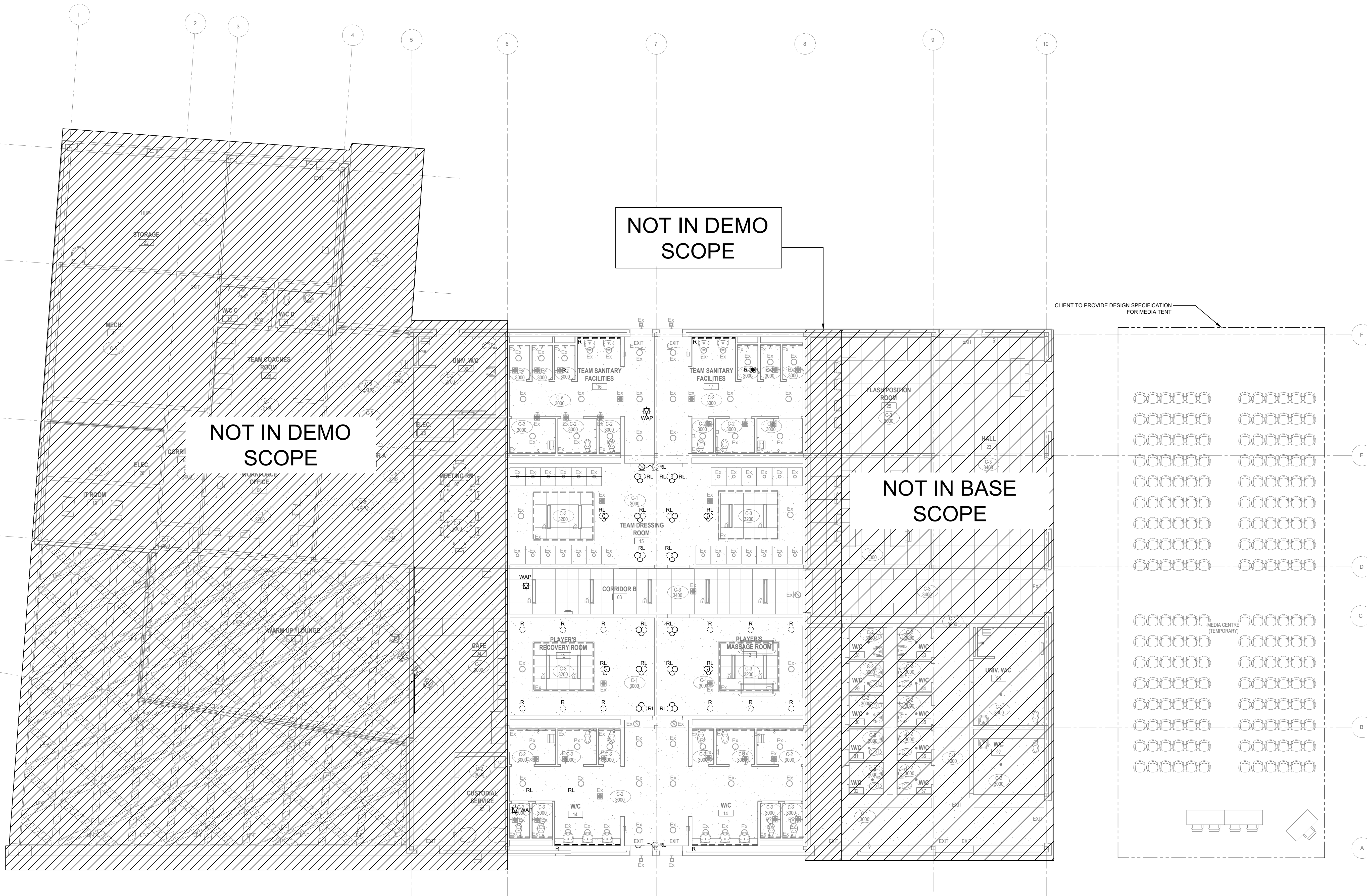
FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON

DEMOLITION REFLECTED
CEILING PLAN - GAME TO
LEGACY

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

drawing no. :

ED-200.0

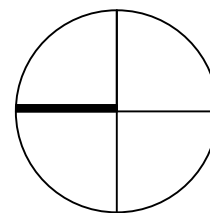


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ISSUED FOR TENDER	2024.11.08
ISSUED FOR TENDER	2024.11.01
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
Revision	DATE



FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
DEMOLITION FLOOR PLAN -
GAME TO LEGACY

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

ED-300.0



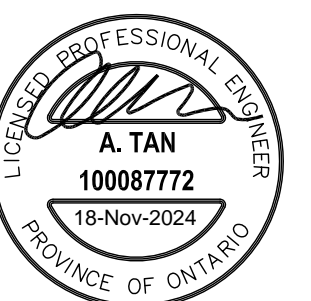
- NOTES**
1. TYPE LG1 INGROUND RECESSED UPLIGHT. REFER TO FIXTURE SCHEDULE FOR MORE INFORMATION.
 2. TYPE LW5 SURFACE MOUNTED TO WOOD CEILING STRUCTURE. ALLOW ALTERNATE PRICING.
 3. INTERIOR LIGHTING TO BE CONTROLLED VIA OCCUPANCY SENSORS, UNLESS INDICATED OTHERWISE.
 4. PROVIDE OCCUPANCY SENSORS THROUGHOUT ALL CORRIDORS, AND IN EVERY ROOM INSIDE THE BUILDING. LIGHT FIXTURES IN EACH RESPECTIVE SPACE TO BE CONTROLLED BY PHOTOCELL OR OCCUPANCY SENSOR.
 5. INTERIOR LIGHTING TO BE CONTROLLED BY PHOTOCCELL & DIGITAL SWITCH REFER TO DETAIL 4E-800.0 FOR EXTERIOR LIGHTING CONTROL SCHEMATIC.

General notes :

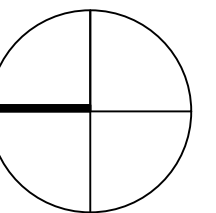
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ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
revision	date



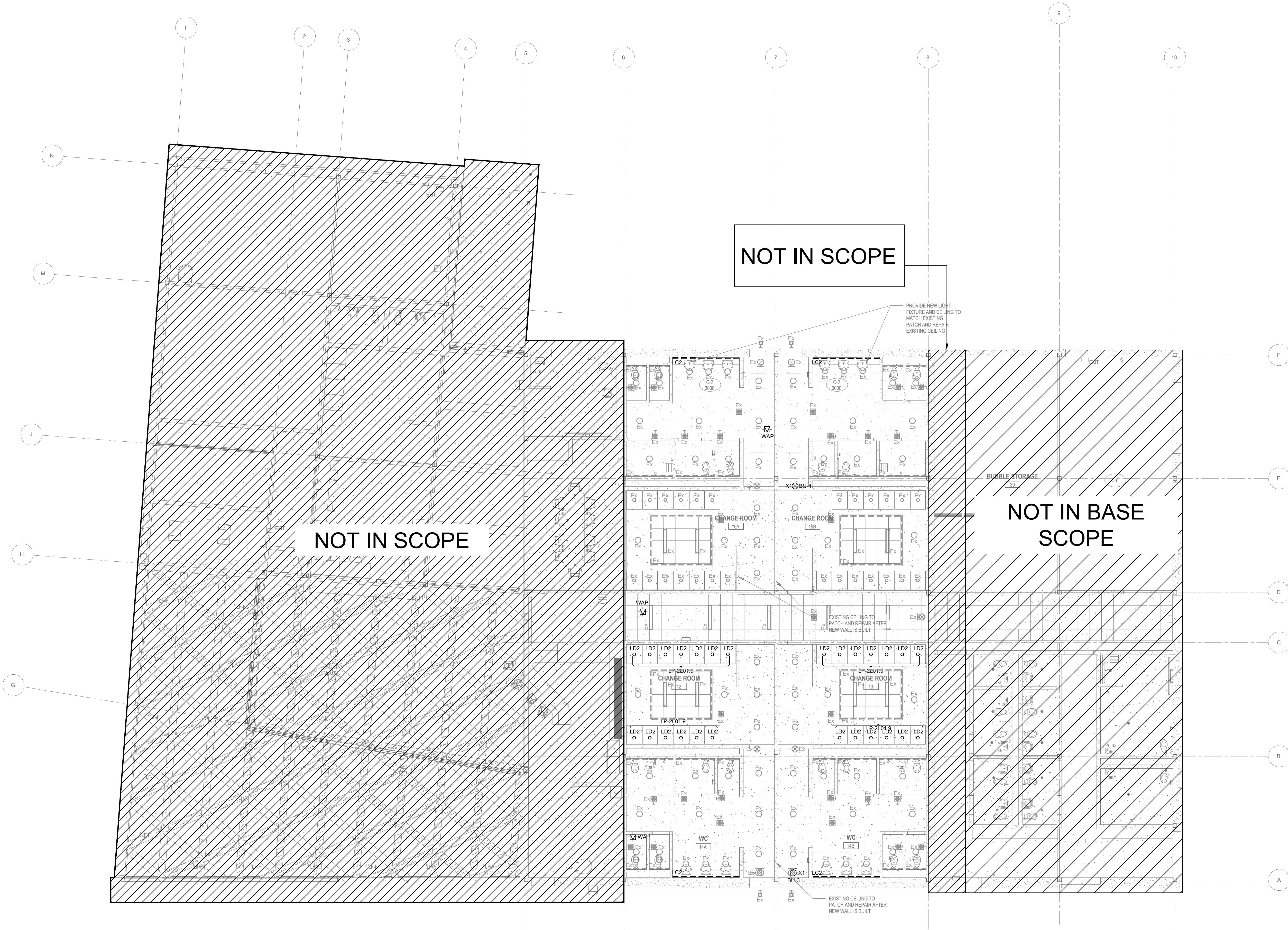
FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON

REFLECTED CEILING PLAN -
GAME
LIGHTING LAYOUT

Project no. :	2024-0112
Scale :	1:100

Drawing no. :

E-200.0



- NOTES
1. TYPE EX INGROUND RECESSED UPLIGHT. REFER TO FIXTURE SCHEDULE FOR MORE INFORMATION.
 2. TYPE EX SURFACE MOUNTED TO WOOD CEILING STRUCTURE. ALLOW ALTERNATE PRICING.
 3. LIGHTING TO BE CONTROLLED VIA OCCUPANCY SENSORS.
 4. PROVIDE OCCUPANCY SENSORS THROUGHOUT ALL CORRIDORS, AND IN EVERY ROOM INSIDE THE BUILDING. LIGHT FIXTURES IN EACH RESPECTIVE SPACE TO BE CONTROLLED BY RESPECTIVE OCCUPANCY SENSOR.

CHERIE NG
ARCHITECT INC
www.cherien.com
t. 416.898.1979

- general notes :
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ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
Revision	DATE

FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
REFLECTED CEILING PLAN -
LEGACY LIGHTING LAYOUT

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

E-201.0

- GENERAL NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND DOCUMENTS
 2. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR FINAL DEVICE LOCATIONS. COORDINATE ALL LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION
 3. COORDINATE FINAL MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL CONTRACTOR ON SITE
 4. ALL RECEPTACLES SHALL BE CLEARLY LABELED WITH PANEL DESIGNATION AND CIRCUIT NUMBER FOLLOWING FINAL INSTALLATION

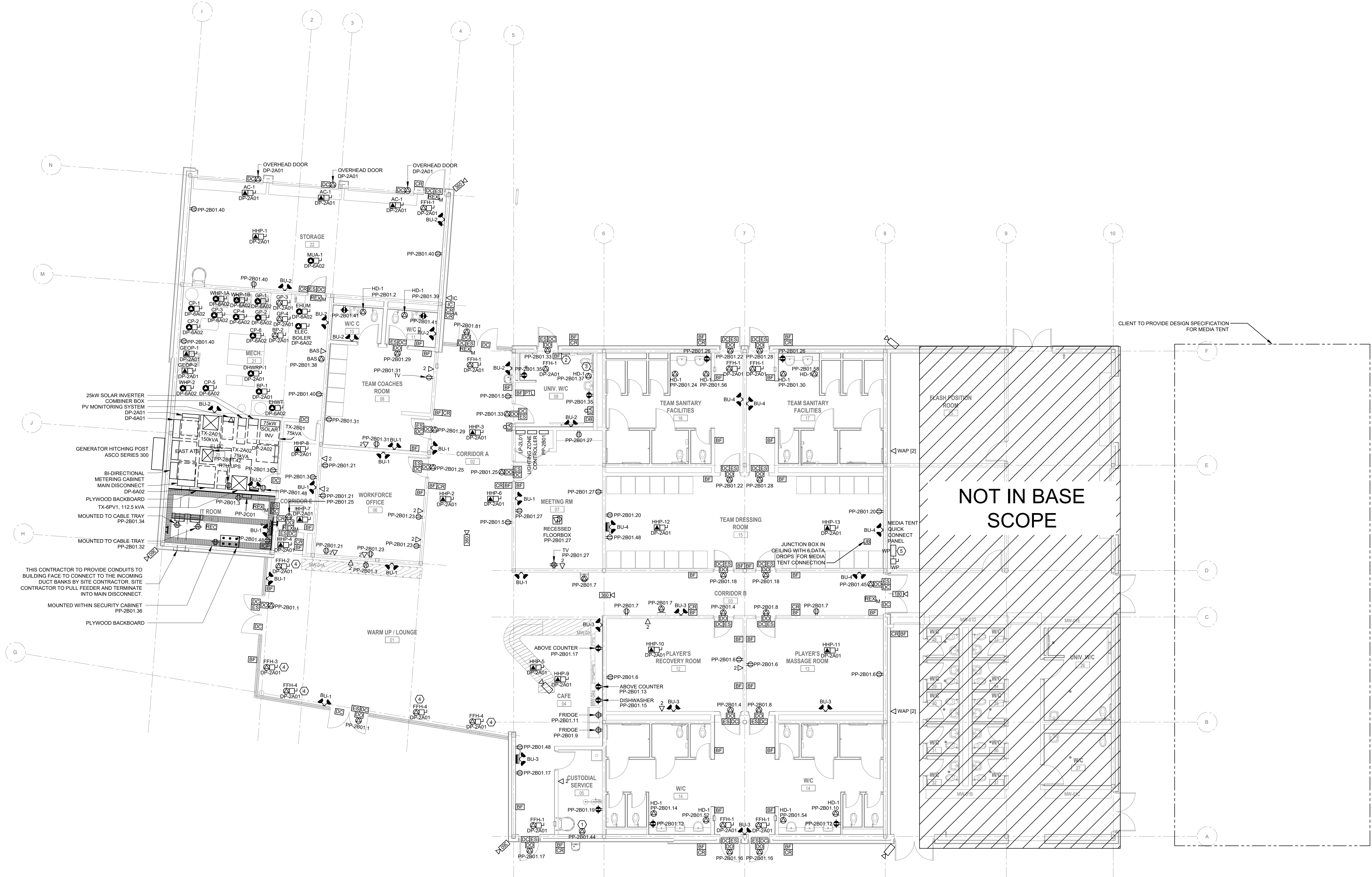
- NOTES
1. ELECTRICAL CONNECTION TO SUPPLY HEAT TRACING TO GROUND FLOOR AND BELOW-GRADE PIPES GOING TO OUTSIDE BOTTLE FILLER
 2. PROVIDE HORIZONTAL STRIP PANIC BUTTON TO BE TIED TO UNIVERSAL WASHROOM EMERGENCY ASSISTANCE SWITCH.
 3. PROVIDE VERTICAL STRIP PANIC BUTTON TO BE TIED TO UNIVERSAL WASHROOM EMERGENCY ASSISTANCE SWITCH.
 4. ELECTRICAL CONTRACTOR TO COORDINATE POWER CONNECTION TERMINATION WITH MECHANICAL CONTRACTOR.
 5. QUICK CONNECT PANEL SHALL BE BY ASCO.

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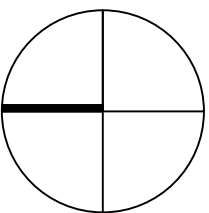
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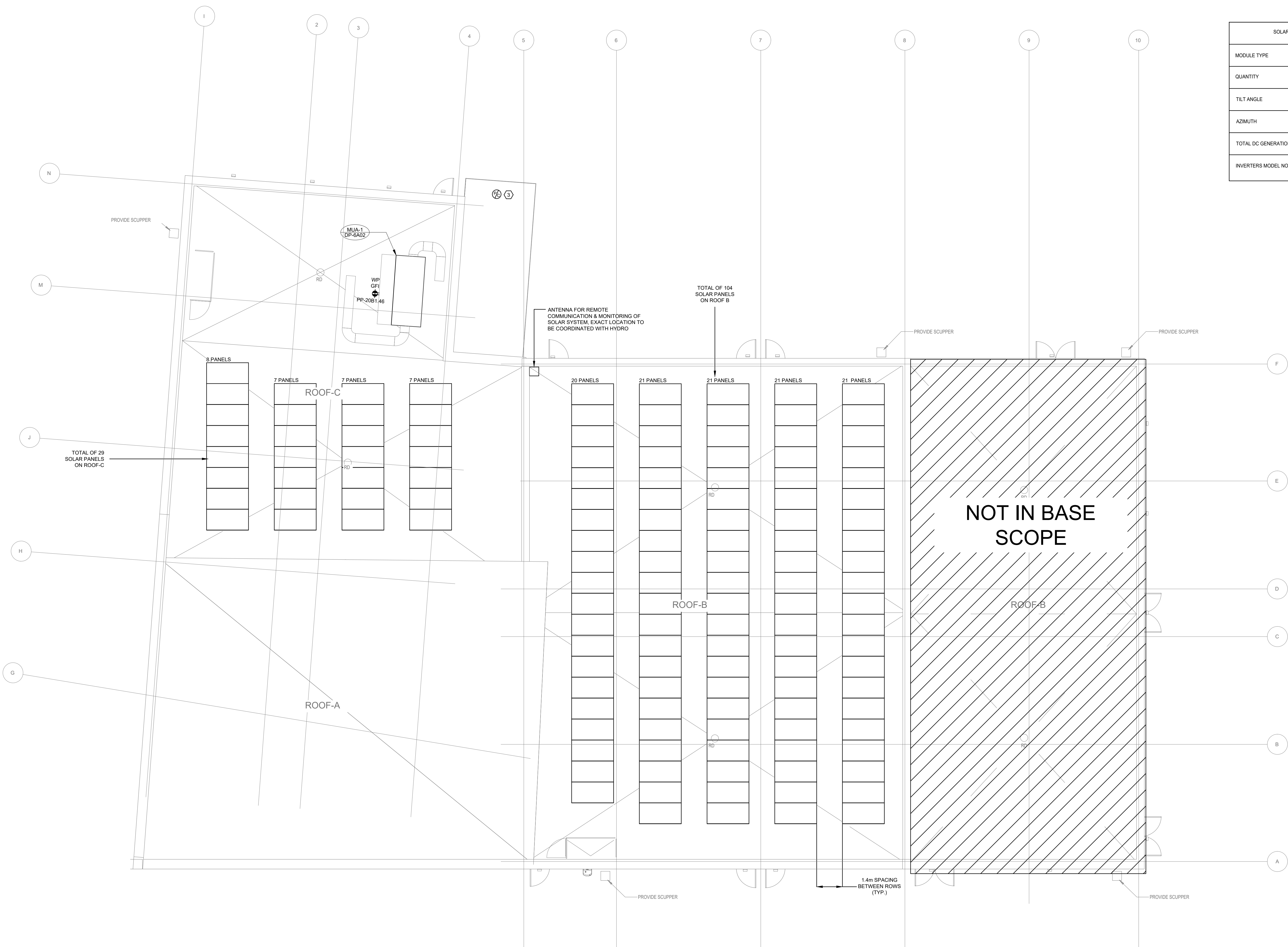
ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
ISSUED FOR PROGRESS	2024.07.30
ISSUED FOR CLASS C COSTING	2024.06.28
ISSUED FOR COORDINATION	2024.05.31
Version	0000



FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
FLOOR PLAN - GAME
POWER & SYSTEMS

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

E-300.0



- NOTES
1.

PROVISIONS FOR SOLAR PANELS TO BE LOCATED ON ROOFTOP.
2.

PROVIDE SOLAR PV FRAME SHOP DRAWING PREPARED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER (P. ENG.). SOLAR PV FRAME / SUPPORT SYSTEM SHALL NOT HAVE PENETRATION THROUGH ROOF MEMBRANE AND SHALL BE A BALLASTED SYSTEM. REVIEW THE STRUCTURAL DRAWINGS FOR STRUCTURAL LOADING CRITERIA AND TAKE INTO ACCOUNT WHEN PREPARING SHOP DRAWINGS.
3.

EXTERIOR LIGHTING TO BE CONTROLLED BY PHOTOCELL & DIGITAL SWITCH. REFER TO DETAIL 4/E-800.0 FOR EXTERIOR LIGHTING CONTROL SCHEMATIC.

SOLAR SYSTEM DESCRIPTION	
MODULE TYPE	CS6W-55MS
QUANTITY	TOTAL OF 166 MODULES (133 ON ROOF, 33 ON CAR PORT)
TILT ANGLE	15°
AZIMUTH	158°
TOTAL DC GENERATION	92.1KW
INVERTERS MODEL NO.	CSI-25K-T480GL01-UB CSI-75K-T480GL02-U

- general notes :
1.

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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.

HIDI

THEHIDI

GROUP

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Toronto, ON M2H 3N5 Canada
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LICENSED PROFESSIONAL ENGINEER

A. TAN

100087772

18-Nov-2024

PROVINCE OF ONTARIO

ISSUED FOR TENDER

2024.11.08

ISSUED FOR PROGRESS

2024.08.23

ISSUED FOR PROGRESS

2024.08.15

Revision

0000

FIFA - EAST VSTS
CENTENNIAL PARK

Address: 56 Centennial Park Rd, Toronto, ON

ROOF PLAN

project no. :

2024-0112

scale :

1:100

date :

drawing no. :

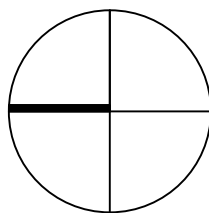
E-301.0

general notes :

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ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
Revision	DATE



**FIFA - EAST VSTS
CENTENNIAL PARK**
Address: 56 Centennial Park Rd, Toronto, ON
**FLOOR PLAN - LEGACY
POWER & SYSTEMS**

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



MECHANICAL SCHEDULE																						
TAG	DESCRIPTION	LOCATION	KW	HP	VOLTS	PH	FLA (A)	MCA (A)	MOP (A)	FED FROM	TYPE	HAND-OFF-AUTO SELECTOR SWITCH	RUNNING PILOT LIGHT GREEN	OFF PILOT LIGHT RED	N.O.	N.C.	F.A. START UP	F.A. SHUT DOWN	BREAKER SIZE	WIRE SIZE	LIFE SAFETY	NON-LIFE SAFETY
GEOP-1	GEO THERMAL GROUND LOOP	MECH ROOM	1.41		208	1	6.32		15										15A-2P	3#12AWG (CU) +G IN 21mmC		
GEOP-2	GEO THERMAL GROUND LOOP	MECH ROOM	1.41		208	1	6.32		15										15A-2P	3#12AWG (CU) +G IN 21mmC		
CP-1	BUILDING PRIMARY LOOP	MECH ROOM		3	575	3	3.9		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
CP-2	BUILDING PRIMARY LOOP	MECH ROOM		3	575	3	3.9		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
CP-3	WWHP LOOP	MECH ROOM		0.5	575	3	0.9		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
CP-4	WWHP LOOP	MECH ROOM		0.5	575	3	0.9		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
CP-5	COOLING WWHP SOURCE PUMP	MECH ROOM		3/4	575	3	1.3		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
CP-6		MECH ROOM		2.5	575	3	3.9		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
GP-1	HYDRONIC GLYCOL	MECH ROOM		2	575	3	2.7		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
GP-2	MPH GLYCOL	MECH ROOM		2	575	3	2.7		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
BP-1	SUPPLEMENTAL BOILER	MECH ROOM	.125		120	1	1.1		15										15A-1P	2#12AWG (CU) +G IN 21mmC		
BP-2	SUPPLEMENTAL BOILER	MECH ROOM		0.5	120	1	9.8		20										20A-1P	2#12AWG (CU) +G IN 21mmC		
DHWRP-1	DHW RECIRCULATION	MECH ROOM		1/12	120	1	1.4		15										15A-1P	2#12AWG (CU) +G IN 21mmC		
GP-3		MECH ROOM		0.4	120	1	4.7		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
GP-4		MECH ROOM		0.4	120	1	4.7		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
EHWT	ELECTRIC DOMESTIC WATER HEATER	MECH ROOM	90		575	3	90		100										100A/3P	3#2AWG (CU) +G IN 35mmC		
ELEC. BOILER	75KW ELEC BOILER	MECH ROOM	75		575	3	75		90										90A/3P	3#2AWG (CU) + G IN 35mmC		
MUA-1	MAKE-UP AIR UNIT	ROOF			600	3	8.9	9.83	15										15A/3P	3#12AWG (CU) +G IN 21mmC		
WHP-1A	MUA-1 HEATING	MECH ROOM			575	3	30.8	34.7	50										50A/3P	3#8AWG (CU) +G IN 21mmC		
WHP-1B	MUA-1 HEATING	MECH ROOM			575	3	30.8	34.7	50										50A/3P	3#8AWG (CU) +G IN 21mmC		
WHP-2	MUA-1 COOLING	MECH ROOM			575	3	7.7	9.6	25										25A/3P	3#10AWG (CU) +G IN 21mmC		
HHP-1	HEAT PUMP - STORAGE/MECH	CEILING SPACE			208	1	20.5	24.6	40										40A/2P	3#10AWG (CU) +G IN 21mmC		
HHP-2	HEAT PUMP - WORKFORCE OFFICE	CEILING SPACE			208	1	6.4	7.8	15										15A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-3	HEAT PUMP - COACHES ROOM	CEILING SPACE			208	1	6.4	7.8	15										15A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-4	HEAT PUMP - WARMUP LOUNGE	CEILING SPACE			208	1	20.5	24.6	40										40A/2P	3#10AWG (CU) +G IN 21mmC		
HHP-5	HEAT PUMP - WARMUP LOUNGE	CEILING SPACE			208	1	20.5	24.6	40										40A/2P	3#10AWG (CU) +G IN 21mmC		
HHP-6	HEAT PUMP - MEETING ROOM	CEILING SPACE			208	1	20.5	24.6	40										40A/2P	3#10AWG (CU) +G IN 21mmC		
HHP-7	HEAT PUMP - IT	CEILING SPACE			208	1	3.7	4.4	15										15A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-8	HEAT PUMP - ELECTRICAL	CEILING SPACE			208	1	10	11.8	15										15A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-9	HEAT PUMP - CAFÉ	CEILING SPACE			208	1	10	11.8	15										15A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-10	HEAT PUMP - RECOVERY ROOM	CEILING SPACE			208	1	20.5	24.6	40										40A/2P	3#10AWG (CU) +G IN 21mmC		
HHP-11	HEAT PUMP - MASSAGE ROOM	CEILING SPACE			208	1	20.5	24.6	40										40A/2P	3#10AWG (CU) +G IN 21mmC		
HHP-12	HEAT PUMP - DRESSING ROOM A	CEILING SPACE			208	1	14.3	17.2	25										25A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-13	HEAT PUMP - DRESSING ROOM B	CEILING SPACE			208	1	13.1	15.7	25										25A/2P	3#12AWG (CU) +G IN 21mmC		
EHUM-1	ELECTRIC RESISTIVE STEAM HUMIDIFIER		21.7		575	3	20.8		25										25A/3P	3#10AWG (CU) +G IN 21mmC		
AC-1	OVERHEAD DOOR AIR CURTAIN	STORAGE			208	1	12.9		20										20A/2P	3#12AWG (CU) +G IN 21mmC		
AC-2	OVERHEAD DOOR AIR CURTAIN	HALL			208	1	12.9		20										20A/2P	3#12AWG (CU) +G IN 21mmC		
FFH-1	HYDRONIC FORCE FLOW HEATER	EXIT VESTIBULE		.5	120	1	9.8		15										15A-1P	2#12AWG (CU) +G IN 21mmC		
FFH-2	HYDRONIC FORCE FLOW HEATER	WARMUP LOUNGE		.5	120	1	9.8		15										15A-1P	2#12AWG (CU) +G IN 21mmC		
FFH-3	HYDRONIC FORCE FLOW HEATER	WARMUP LOUNGE			120	1	3		15										15A-1P	2#12AWG (CU) +G IN 21mmC		
FFH-4	HYDRONIC FORCE FLOW HEATER	WARMUP LOUNGE			120	1	3		15										15A-1P	2#12AWG (CU) +G IN 21mmC		

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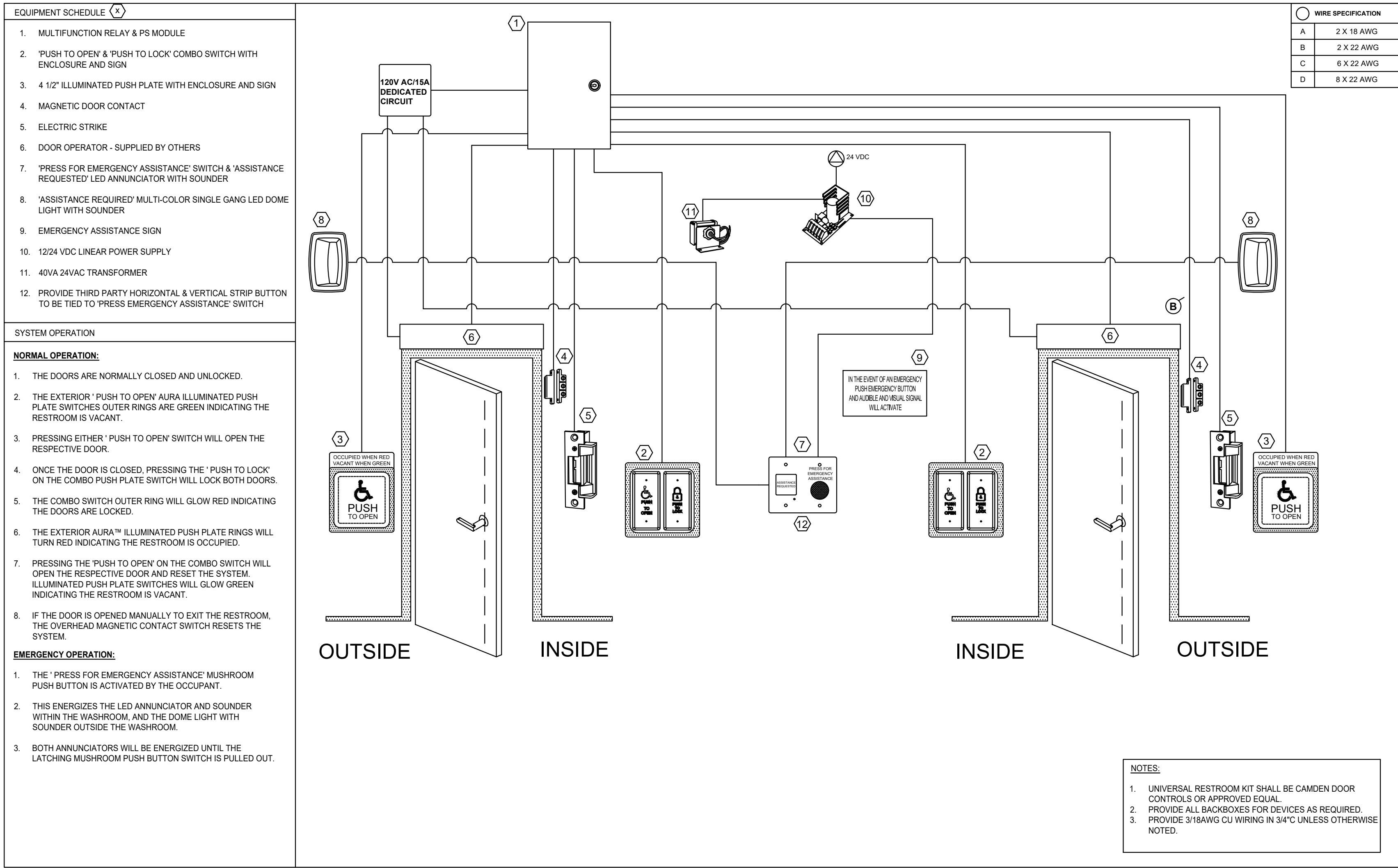
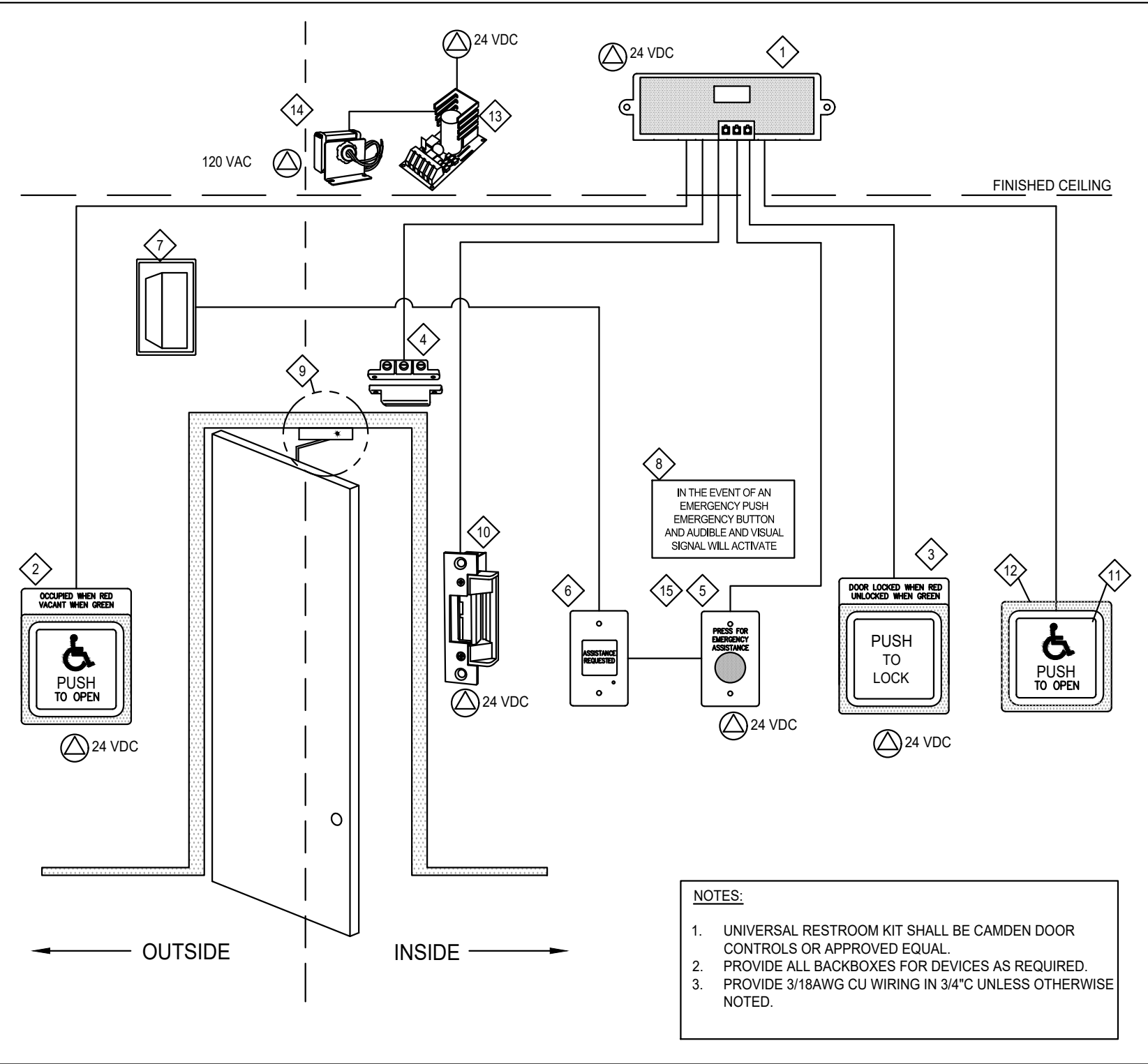
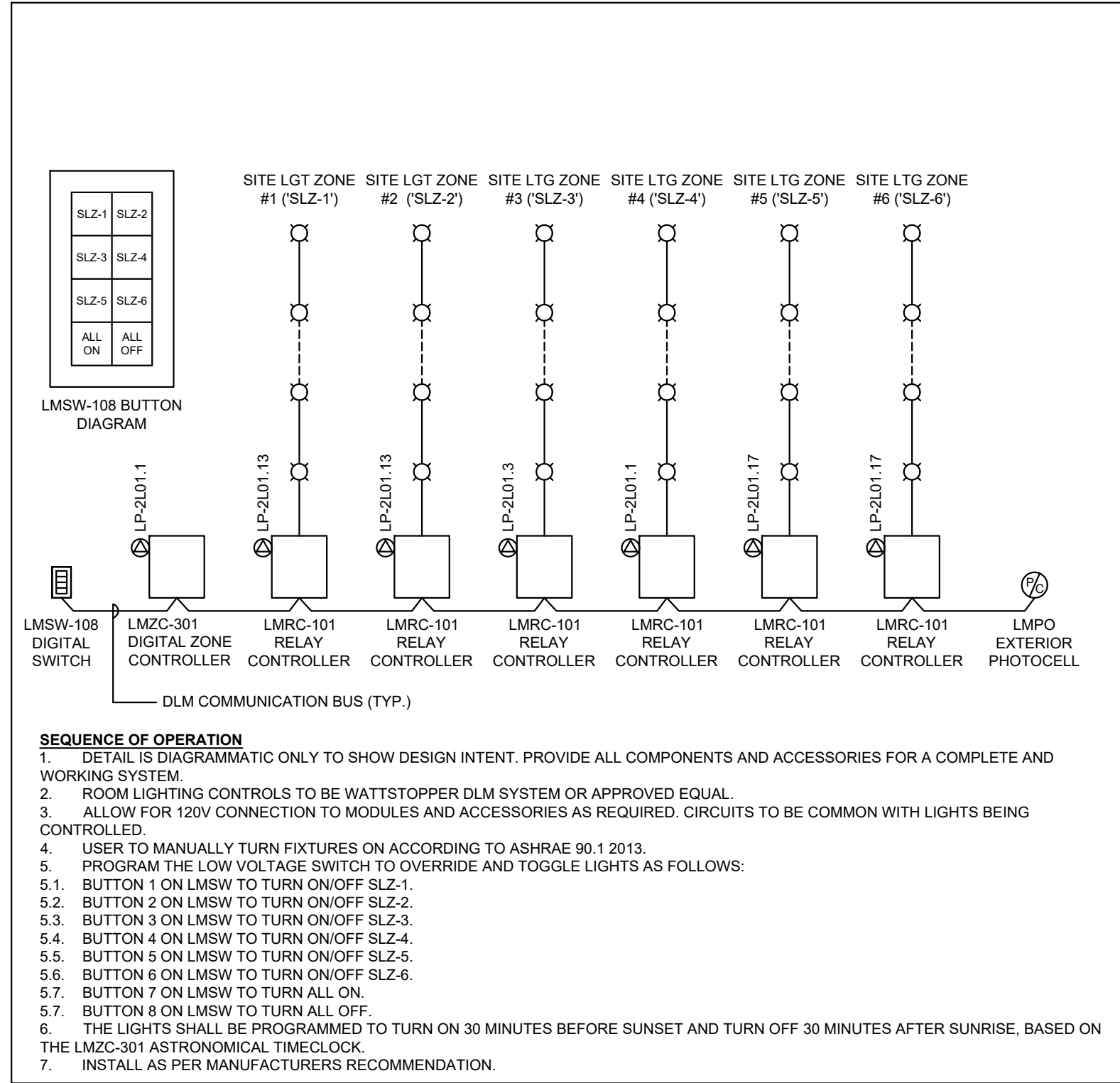
3. Positions of exposed or finished mechanical or electrical devices, fittings, and fixtures are indicated on the Architectural drawings. The locations shown on the Architectural drawings govern over the Mechanical and Electrical drawings. Those items not clearly located will be located as per directed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



ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
revision	0000

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

SCHEDULES



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DETAILS

MISCELLANEOUS EQUIPMENT SCHEDULE						
TAG	DESCRIPTION	MANUFACTURER	MODEL	VOLTAGE (V)	MOP (A)	WATTAGE (W)
HD-1	HAND DRYER	DYSON	AIR BLADE V	120V	15A	1000W

1

MISCELLANEOUS EQUIPMENT SCHEDULE

E-801.0

SCALE: N.T.S.

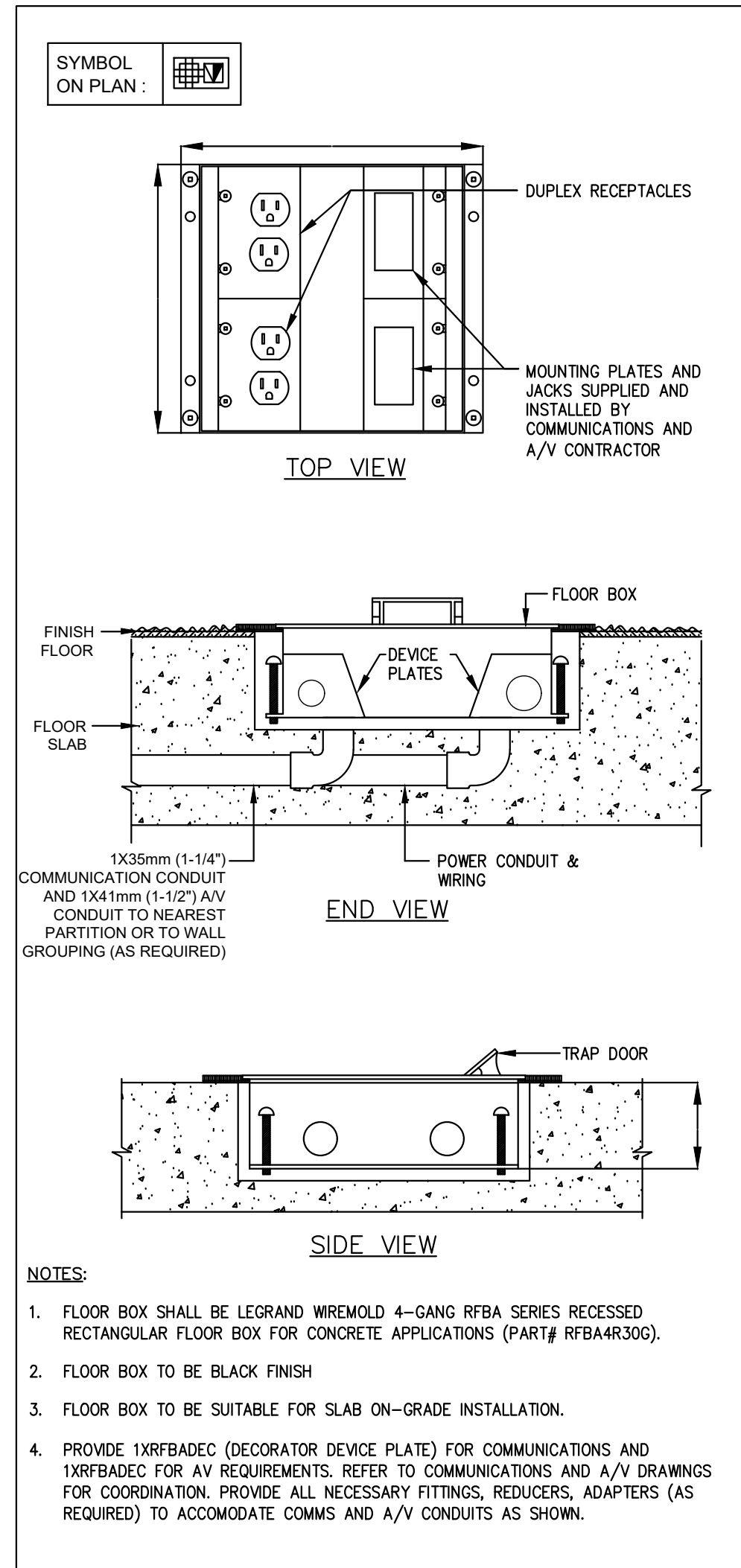
CENTENNIAL PARK FIFA Lighting Fixture Schedule - Legacy Project No.: 2024-0112 Issued for progress - 30 July 2024									
							ALULA		HIDI
Type	Luminaire Description	Lamp & Wattage	Control Protocol	Input voltage	Finish	Mounting	Location	Manufacturer & Catalogue #	Notes
LC2	Low profile LED light type system, with continuous extruded aluminum channel, (clear) encapsulated lens, wet rated, and remote driver. Fixture in uplight position in indirect cove.	4W/220lm 3000K 80-CRI LED	TBD	120V	N/A	Surface (indirect cove)	Washrooms	Acuity-QTL lighting: Essentials LAO-encapsulated (O3 side white series LL38W4.0-35-ENC-STD-XX- XX-XX-CLS-STD-XX-XX- XX-XX-XX-O	Coordinate remote driver location with Architect Sergio DaSilva at Sergio.daSilva@acuitybrands.com
LD2	Small 2" dia. aperture downlight recessed in milwork, installed from below application	700lm 3500K 80-CRI LED	TBD	120V	Architect to select from standard options	Recessed (Milwork)	Change room	Acuity-Soluxam: EVO-2 downlight EVO2W-35-15-SOL-ND-120- V12-XX-XX	Sergio DaSilva at Sergio.daSilva@acuitybrands.com
LD5A	Fully recessed normally 4" dia. aperture LED downlight with medium beam distribution, with integral LED light engine and integral driver. Shower rated	14W/1500lm 3000K 80-CRI LED	TBD	120V	Architect to select from standard options	Recessed (GWB)	Washrooms	Acuity-Soluxam: EVO-4 Shower downlight EVO4SH-35-15-XX-XX-120- XX-XX-XX	Sergio DaSilva at Sergio.daSilva@acuitybrands.com
LS16	Normally 2.5" wide and 44 long utilitarian spotlight, integral LED light engine and integral driver	38W/4300lm 3000K 80-CRI LED	TBD	120V	N/A	Surface	Bubble Storage	Acuity-Lithonia lighting: CSS LED any light series CSS-L48-ALC3-(3000- MVCLT-SWWS-(35-80CRI	Sergio DaSilva at Sergio.daSilva@acuitybrands.com
Notes: - All future lumen values shown in schedule are "nominal" lumens based on fixture catalog information. Lumen value noted with an asterisk (*) denotes "delivered" specific to the fixture with various finish, details, etc. selected based on IES file data. - Refer to lighting fixture cutsheet packages for fixture image and additional information. - Fixtures not automatically approved when listed as "approved equal" with no catalogue number. Manufacturer must provide specification information (cushions, installation info) and lighting calculation (if required) to prove future satisfies the future construction and performance requirements per original specification. OR - "Where "or approved alternate" is listed, only a true alternate can be submitted as required (if one exists). Contractor/manufacturer responsible for proving that alternate can meet same performance and design specifications/requirements as listed in specifications, and must be willing to provide light level calculations, as required, to prove alternate is suitable. Alternate fixture must ensure that Lighting Power Density (LPD) remains within permissible allowance. Manufacturer must also prove that submitted alternate fulfills LED requirements that original specification has already met.									

2

LEGACY LUMINAIRE FIXTURE SCHEDULE

E-801.0

SCALE: N.T.S.

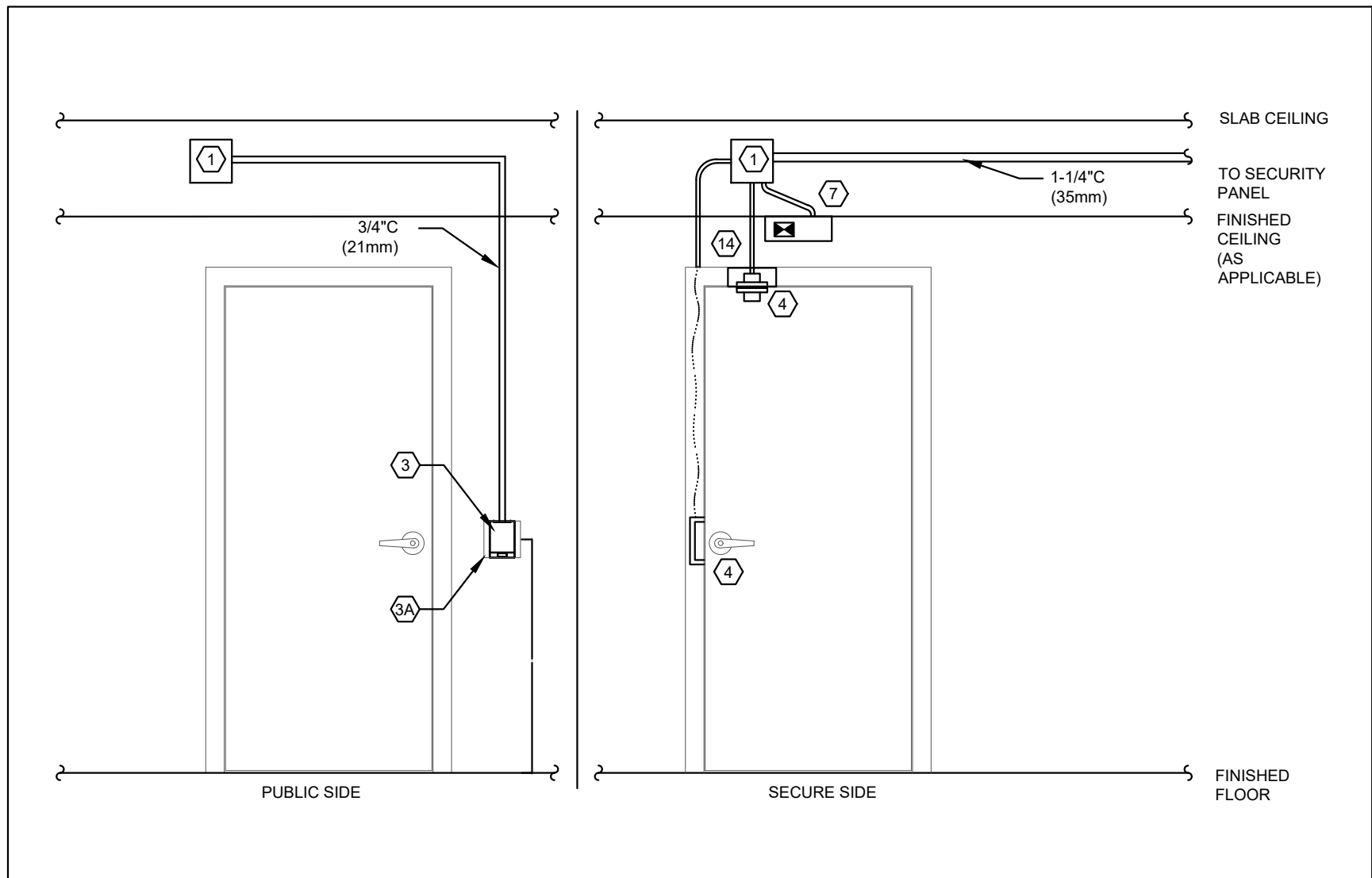


3

FLOOR BOX DETAIL

E-801.0

SCALE: N.T.S.

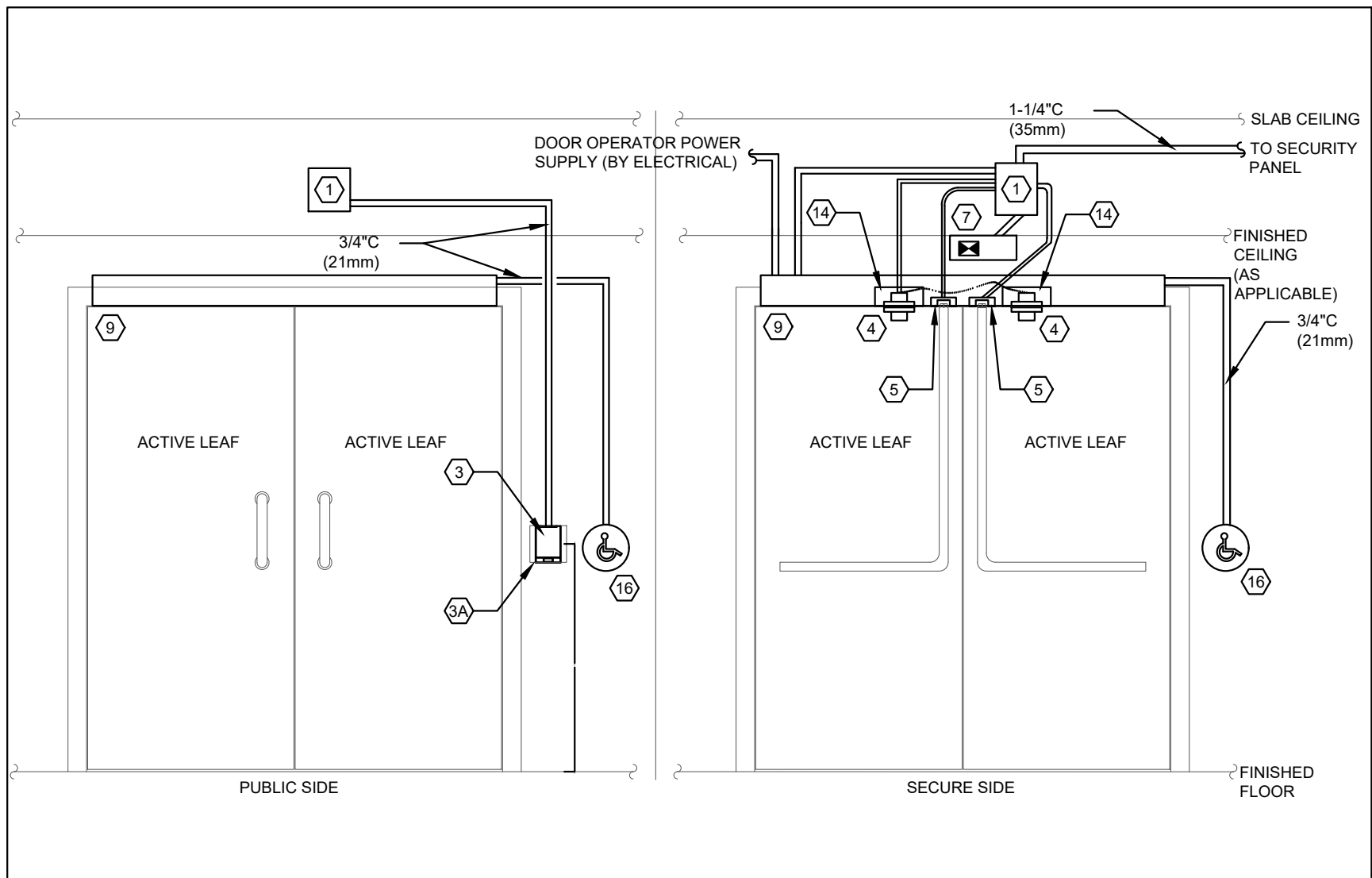


4

SINGLE DOOR W/ READER IN, ELECTRIC STRIKE

E-801.0

SCALE: N.T.S.



5

DOUBLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE

E-801.0

SCALE: N.T.S.

DOOR LEGEND & MATERIALS

- 1

SECURITY JUNCTION BOX ON SECURE SIDE OF DOOR (BY ELECTRICAL)
- 2

MAGNETIC LOCK
- 3

PROXIMITY CARD READER
- 4A

DOUBLE GANG BACK BOX W/ SINGLE GANG TRIM PLATE (BY ELECTRICAL)
- 4

RECESSED DOOR POSITION SWITCH
- 5

ELECTRIC STRIKE
- 6

POWER TRANSFER HINGE
- 7

REQUEST TO EXIT MOTION DETECTOR
- 8

REQUEST TO EXIT PUSH BUTTON
- 9

AUTO DOOR OPERATOR EQUIPMENT (BY DOOR HARDWARE)
- 10

CONCEALED LATCHING DURESS BUTTON

11

SINGLE GANG LATCHING DURESS

12

MANUAL FIRE ALARM PULL STATION C/W AUXILIARY CONTACTS (BY FIRE ALARM CONTRACTOR)

13

MECHANICAL FLUSH BOLT

14

DUST BOX / MORTAR SHIELD IN FRAME AS REQUIRED (BY DOOR HARDWARE)

15

OVER HEAD DOOR POSITION SENSOR WITH FLEXIBLE ARMOR CONDUIT

16

PUSHBUTTON (BY DOOR HARDWARE)

17

GUESTROOM WIRELESS LOCKSET W/ INTEGRATED CARD READER AND DOOR POSITION SWITCH

18

WIRELESS LOCK GATEWAY

19

PANIC BAR

20

RETRACTABLE LATCH

21

CABLE INSIDE DOOR FRAMES/DOORS

22

CONDUIT INSTALLED IN WALL SPACE

23

CONDUIT INSTALLED IN CEILING SPACE

24

FOH REMOTE CARD READER BEHIND DECORATIVE PLATE

25

ELECTRIC MORTISE LOCK W/ INTEGRATED REQUEST TO EXIT

26

WIRELESS LOCK SET WITH INTEGRATED CARD READER, DOOR SWITCH, AND REQUEST TO EXIT

27

INTERCOM

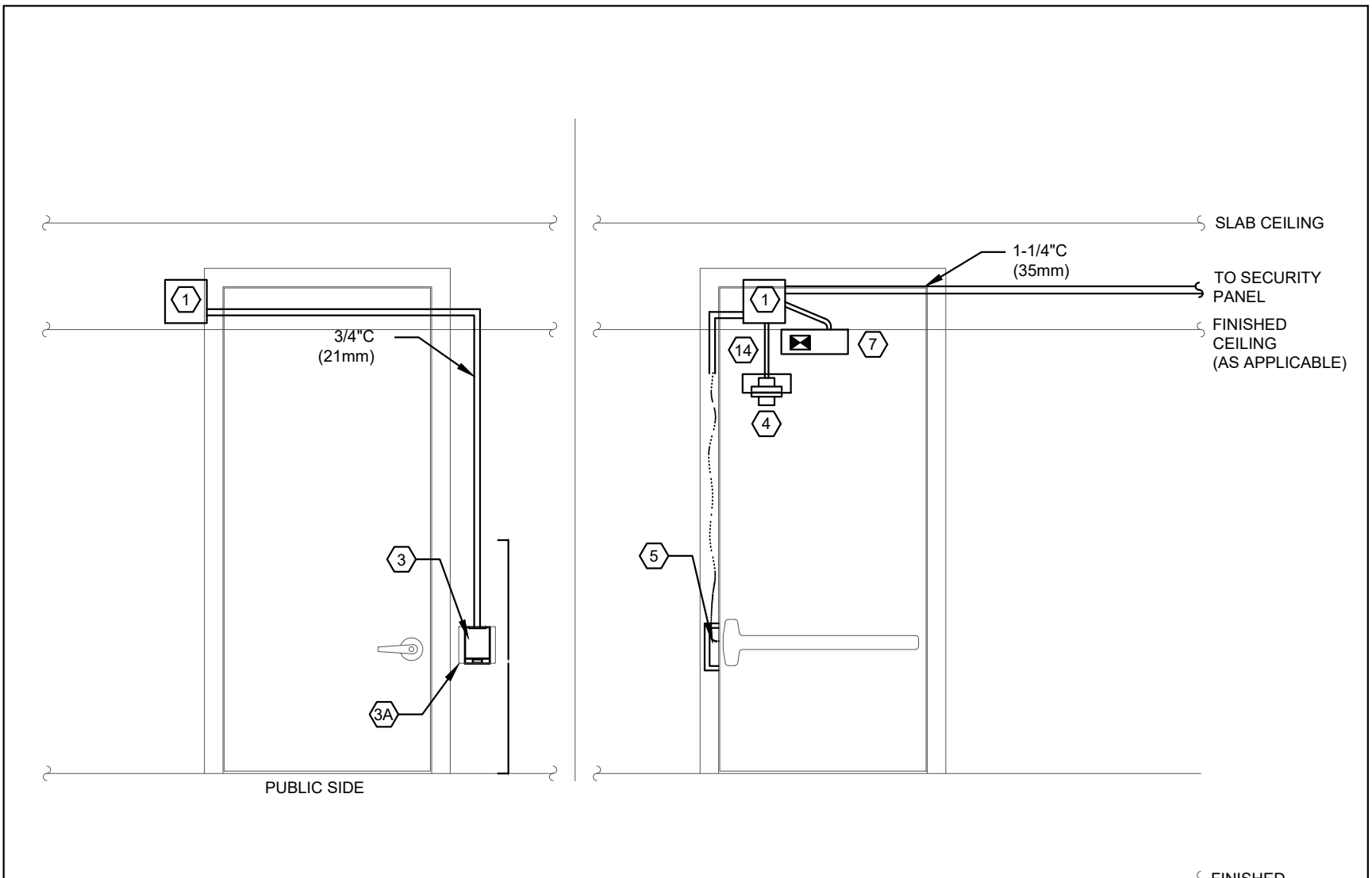
28

ELECTRIFIED PANIC W/ INTEGRATED REQUEST TO EXIT

29

WIRED LOCK GATEWAY

30

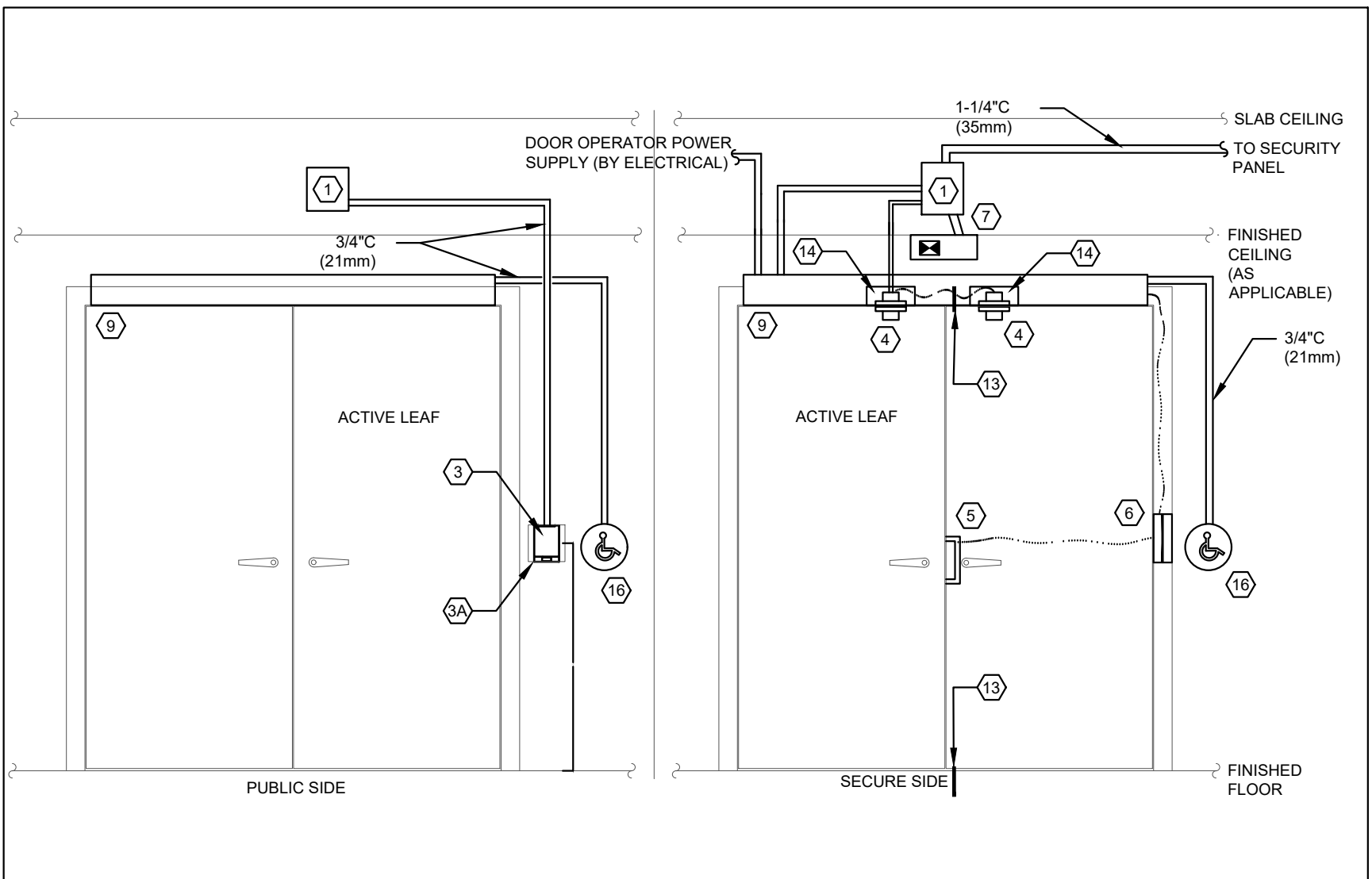
GUESTROOM MANAGEMENT SYSTEM CONTROLLER BY GUESTROOM MANAGEMENT

6

SINGLE DOOR W/ READER IN, ELECTRIC STRIKE, PANIC BAR

E-801.0

SCALE: N.T.S.

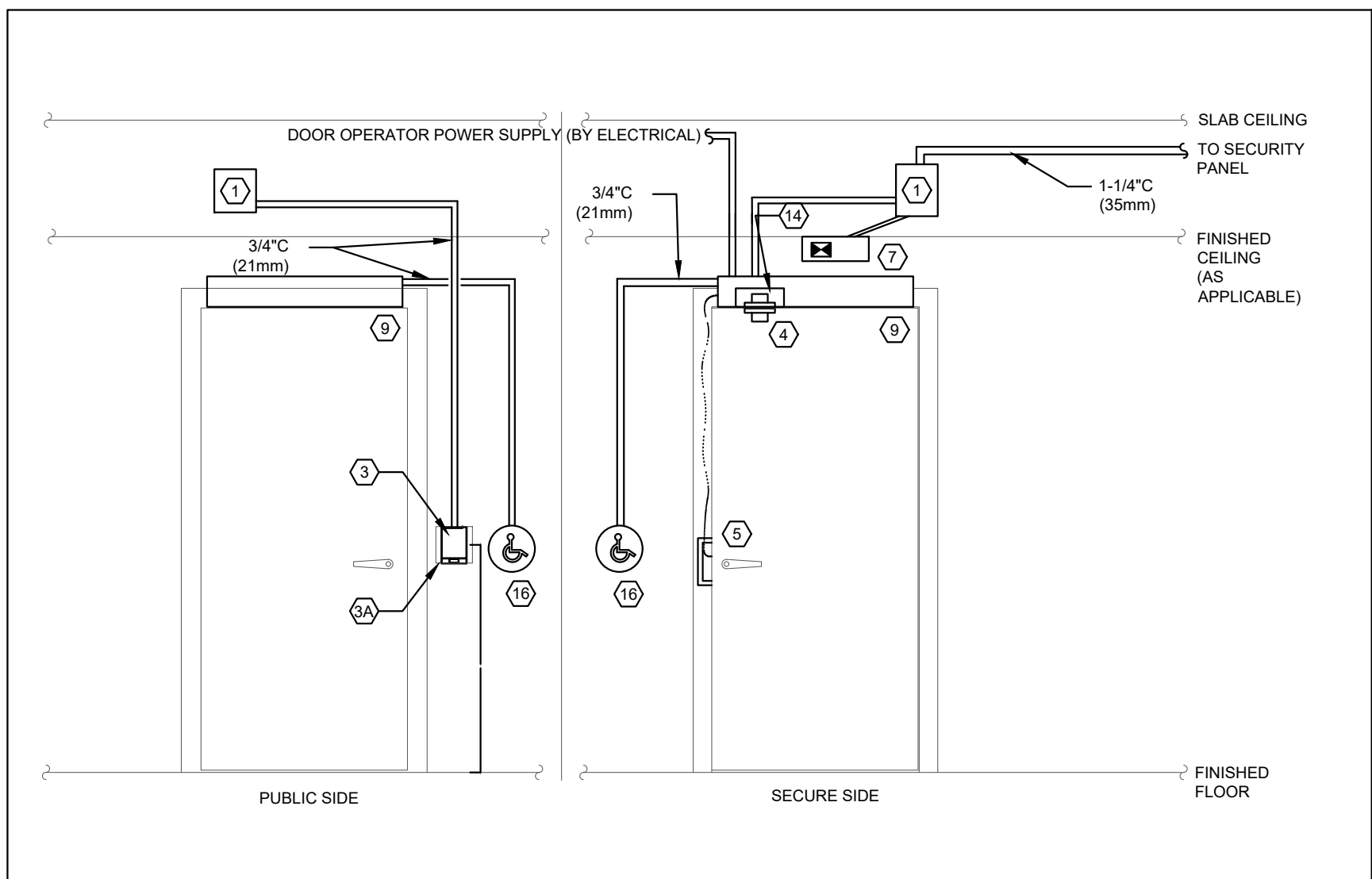


7

DOUBLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE

E-801.0

SCALE: N.T.S.



8

SINGLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE

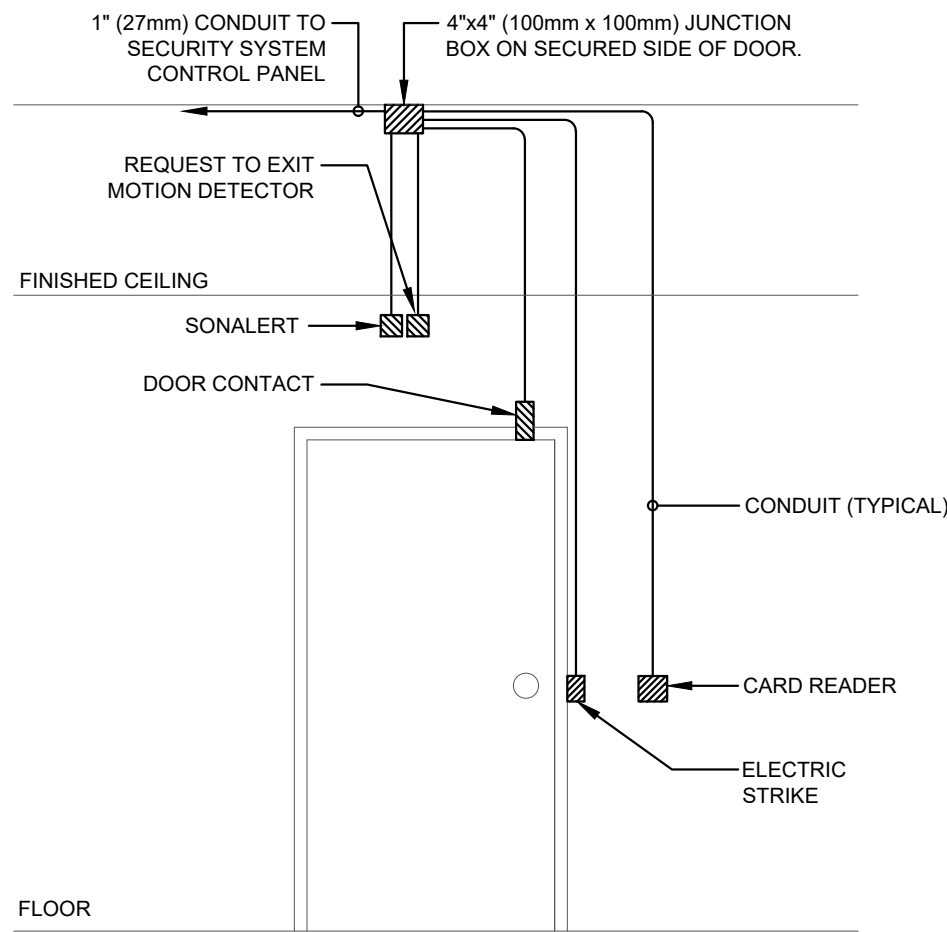
E-801.0

SCALE: N.T.S.

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SYMBOL
ON PLAN : ESI

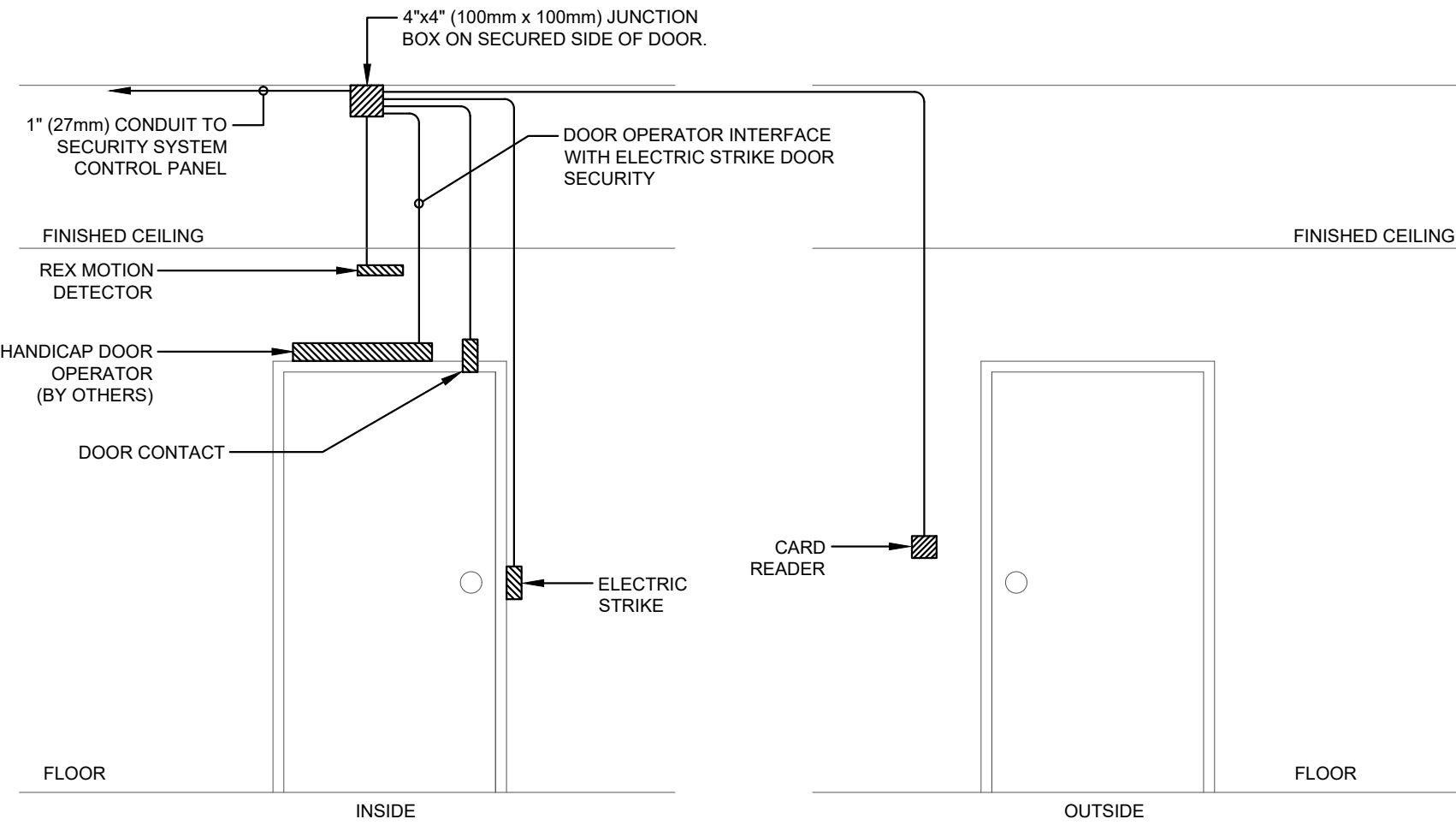


- NOTES:
1. ALL CONDUITS ARE 3/4" (21mm) UNLESS OTHERWISE NOTED.
 2. PROVIDE ALL BACKBOXES AS REQUIRED.
 3. COORDINATE WITH SECURITY CONTRACTOR FOR ALL WORK PRIOR TO ROUGH-IN.

1 SINGLE DOOR WITH ELECTRIC STRIKE, CARD READER IN

E-802.0 SCALE: N.T.S.

SYMBOL
ON PLAN : ESI CR



- NOTES:
1. ALL CONDUITS ARE MINIMUM 3/4" (21mm) UNLESS OTHERWISE NOTED.
 2. WIRING REQUIREMENTS SHALL BE AS PER APPLICABLE ACCESS SYSTEM MANUFACTURERS INSTALLATION DETAILS. UNLESS OTHERWISE APPROVED BY PROJECT MANAGER/LOCKSHOP. COORDINATE WITH TENANT SECURITY.
 3. ENSURE DOOR OPERATOR INTERFACE ENSURES DOOR SECURITY RELEASES BEFORE THE OPERATOR OPENS DOOR. COORDINATE WITH SECURITY AND DOOR HARDWARE.

2 SINGLE DOOR ELECTRIC STRIKE, CARD READER OUT

E-802.0 SCALE: N.T.S.

DOOR LEGEND & MATERIALS

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

LINE TYPES LEGEND

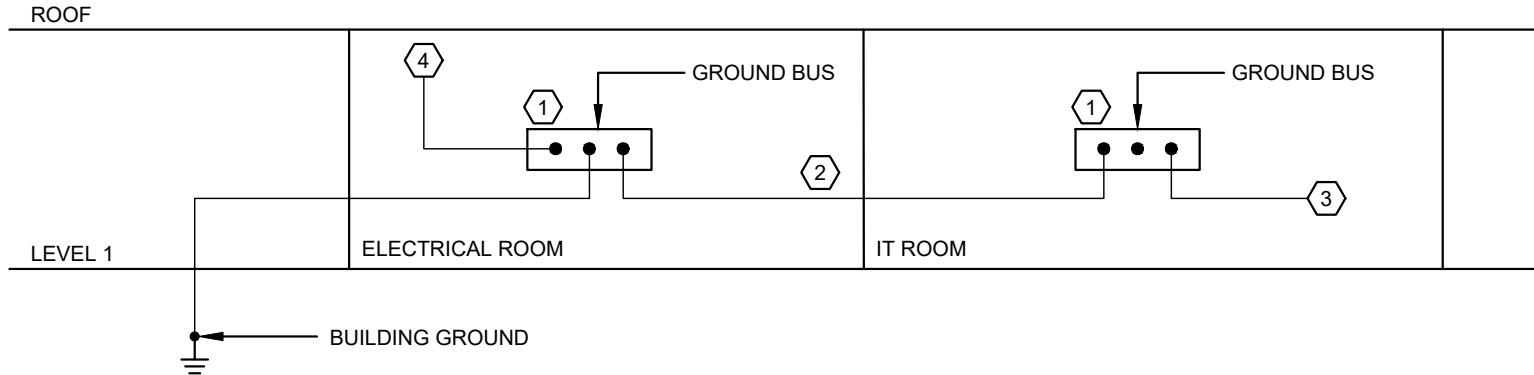
- | | |
|---|------------------------------------|
| | CABLE INSIDE DOOR FRAMES/DOORS |
| | CONDUIT INSTALLED IN WALL SPACE |
| | CONDUIT INSTALLED IN CEILING SPACE |
| ⑳ FOH REMOTE CARD READER BEHIND DECORATIVE PLATE | |
| ㉑ ELECTRIC MORTISE LOCK W/ INTEGRATED REQUEST TO EXIT | |
| ㉒ WIRELESS LOCK SET WITH INTEGRATED CARD READER, DOOR SWITCH, AND REQUEST TO EXIT | |
| ㉓ INTERCOM | |
| ㉔ ELECTRIFIED PANIC W/ INTEGRATED REQUEST TO EXIT | |
| ㉕ WIRED LOCK GATEWAY | |
| ㉖ GUESTROOM MANAGEMENT SYSTEM CONTROLLER BY GUESTROOM MANAGEMENT | |

NOTES:

- 1) PROVIDE CONDUIT AND JUNCTION BOX INFRASTRUCTURE C/W PULL STRING FOR ALL DOORS WITH SECURITY DEVICES.

NOTES

- ① PROVIDE A BUS BAR SIZED PER THE ELECTRICAL SPECIFICATION. THE BUS BAR MUST HAVE THREADED TAP HOLES TO ACCOMMODATE SPLIT BOLT CONNECTIONS OR COMPRESSION LUG BOLTS TO CONNECT ALL REQUIRED COPPER GROUND CABLES.
- ② PROVIDE #6 AWG GREEN INSULATED STRANDED COPPER CONDUCTOR TO IT ROOM.
- ③ PROVIDE A #6 AWG GROUNDING CONDUCTOR TO ALL COMMUNICATIONS EQUIPMENT ENCLOSURES INSIDE ROOM.
- ④ CONNECT ALL TRANSFORMER SECONDARY X0'S TO BUILDING'S GROUND RISER WITH #6 AWG (CU.) GROUNDING CONDUCTOR
5. DESIGN OF BUILDING GROUNDING SYSTEM SIZING IS BASED ON COPPER WIRING.



3 GROUNDING RISER DIAGRAM

E-802.0 SCALE: N.T.S.

CHERIE NG
ARCHITECT INC
www.cheriang.com
t. 416.898.1979

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



ISSUED FOR TENDER 2024.11.08
Revision 0000

FIFA - EAST VSTS
CENTENNIAL PARK

Address: 56 Centennial Park Rd, Toronto, ON

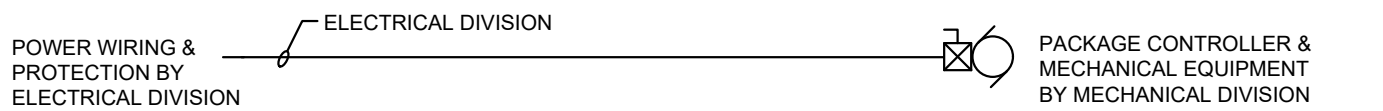
DETAILS PART 3

project no. : 2024-0112
scale : As Indicated
date :

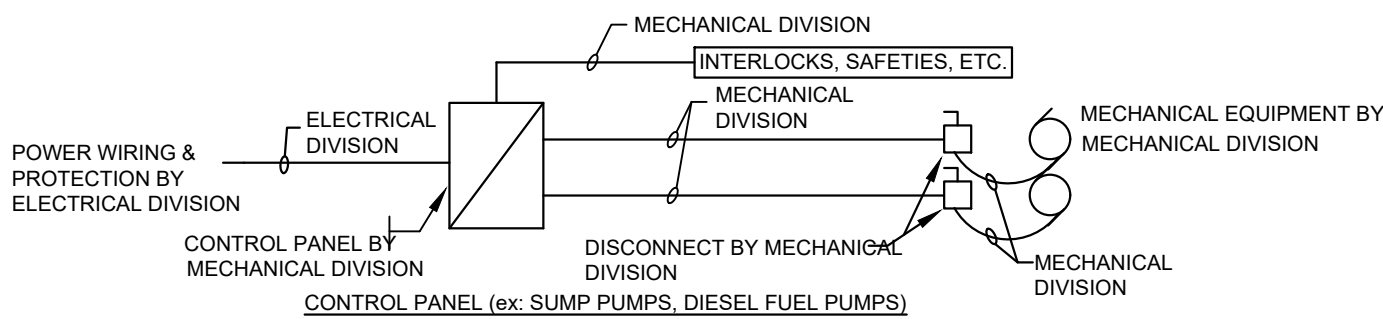
drawing no. :

E-802.0

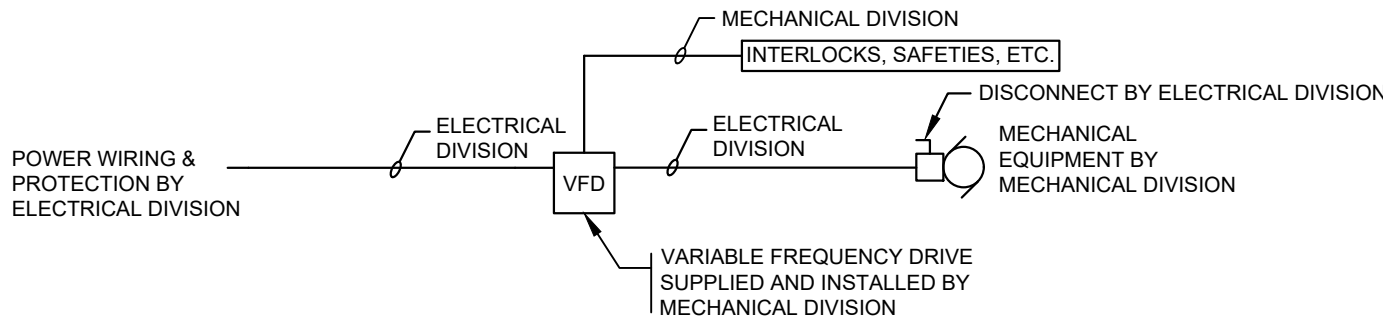
SCOPE OF WORK FOR MECHANICAL EQUIPMENT



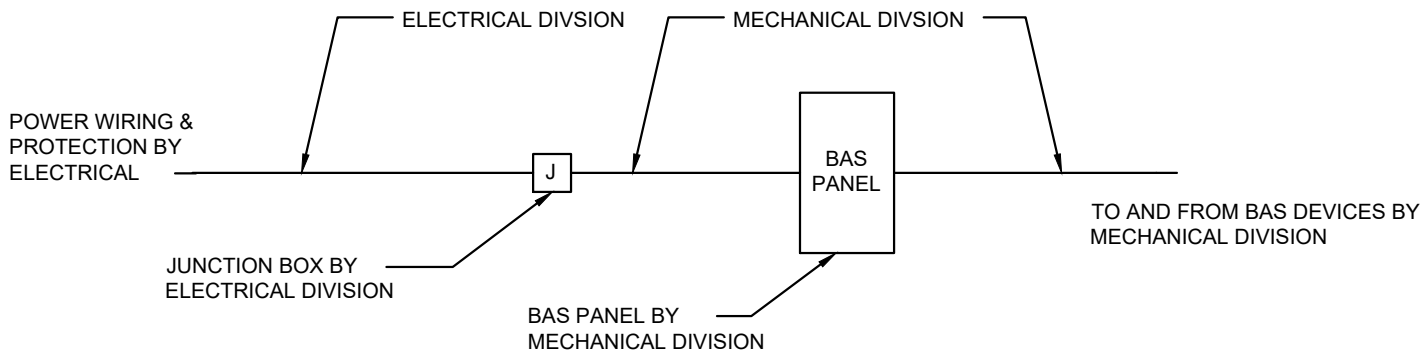
PACKAGE UNIT (SINGLE POINT POWER)



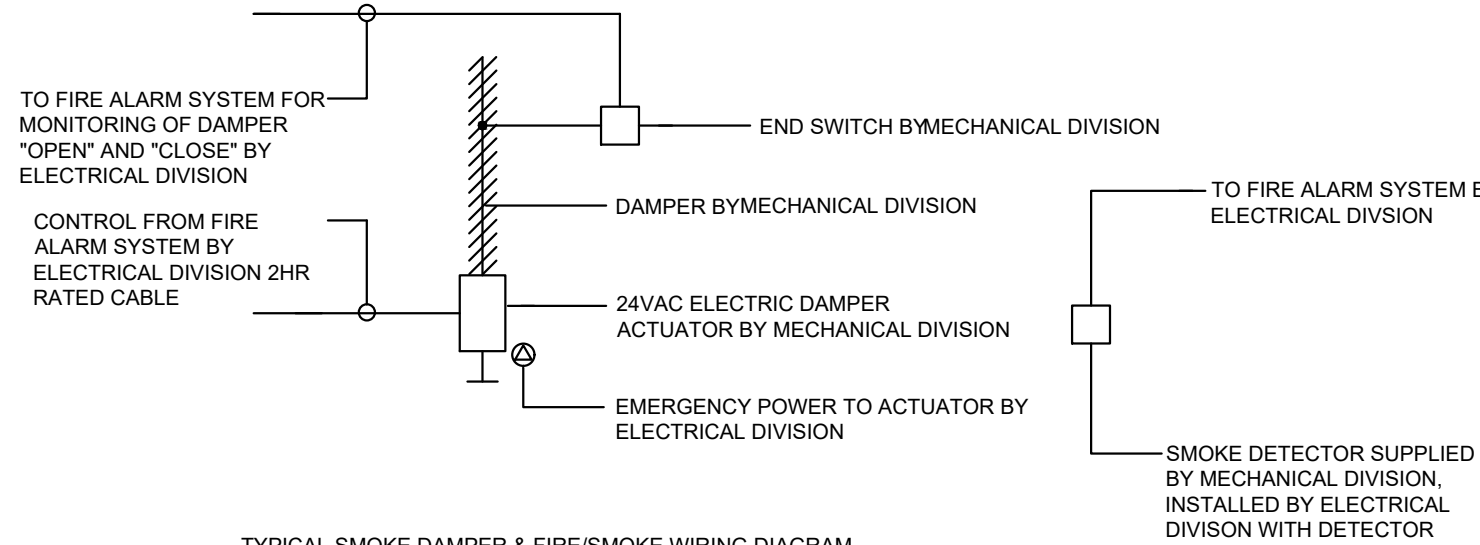
MOTOR CONTROL BY V.F.D. WITH EXTERNAL HARMONIC FILTER



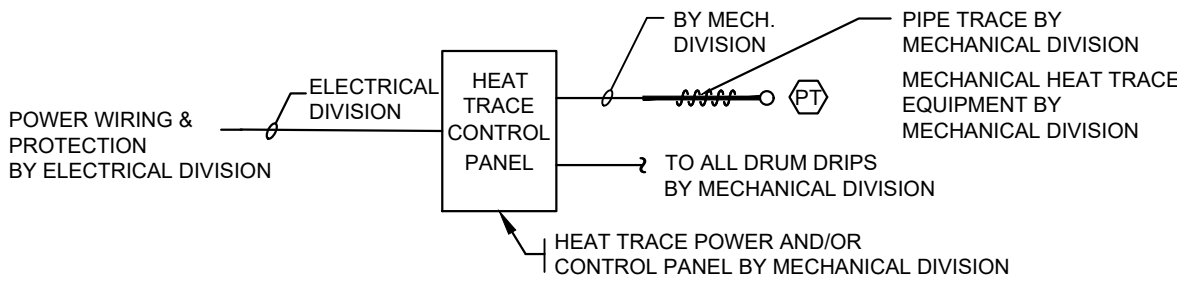
MOTOR CONTROL BY V.F.D.



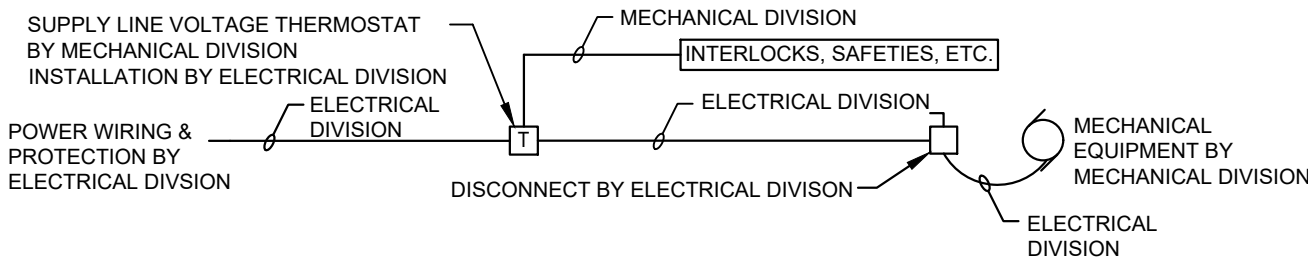
BAS PANEL



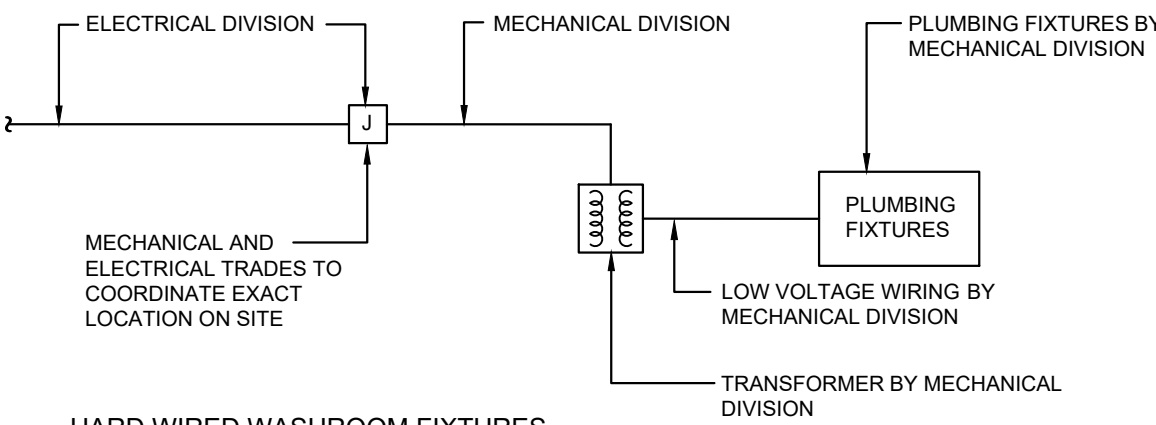
TYPICAL SMOKE DAMPER & FIRE/SMOKE WIRING DIAGRAM



HEAT TRACE SYSTEM WITH PANEL



LINE VOLTAGE THERMOSTAT CONTROL



HARD WIRED WASHROOM FIXTURES

AV EQUIPMENT – 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				I		
AV WIRE AND CABLE	S					
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			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					

NOTES:

- 1) PROVIDE SCOPE OF WORK IN TABLE ABOVE AND AS INDICATED ON AV DRAWINGS PREPARED BY THE HIDI GROUP, WHICH FORM PART OF THIS CONTRACT.

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 SCOPE OF WORK

- 1) PROVIDE CONDUIT TRUNK AND JUNCTION BOX C/W PULL STRING AS INDICATED ON COMMUNICATIONS DRAWING T-201.
- 2) PROVIDE PLYWOOD BACKBOARD AND BONDING BAR AS INDICATED ON DETAIL 1/T-301.
- 3) PROVIDE CONDUIT, BACKBOXES, JUNCTION BOXES, AND OTHER WORK IDENTIFIED ON COMMUNICATIONS DRAWINGS PREPARED BY THE HIDI GROUP WHICH FORM PART OF THIS CONTRACT.

SECURITY EQUIPMENT - 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)

NOTES:

- 1) PROVIDES SCOPE OF WORK INDICATED IN TABLE ABOVE AND INDICATED ON SECURITY DRAWINGS PREPARED BY THE HIDI GROUP, WHICH FORM PART OF THIS CONTRACT.
- 2) PROVIDE SCOPE OF WORK INDICATED ON DETAIL 1/SD-401.
- 3) PROVIDE CONDUIT AND JUNCTION BOX INFRASTRUCTURE C/W PULL STRING FOR ALL DOORS WITH SECURITY DEVICES.

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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 govern over the Mechanical and Electrical drawings. Those items not clearly located will be located as per directed by the Architect.

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Revision Date

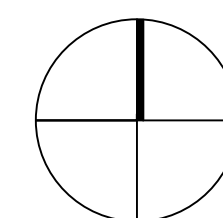
FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
GENERAL NOTES & SCOPE OF WORK

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

E-001.1



ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.13
ISSUED FOR PROGRESS	2024.07.30
ISSUED FOR CLASS C COSTING	2024.06.28
ISSUED FOR COORDINATION	2024.05.31
revision	date



Address: 56 Centennial Park Rd, Toronto, ON

project no. : 2024-0112
scale : 1:600

general notes :

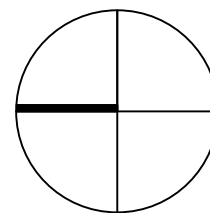
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ISSUED FOR PROGRESS	2024.08.15
ISSUED FOR PROGRESS	2024.08.15
ISSUED FOR PROGRESS	2024.07.30
Revision	DATE

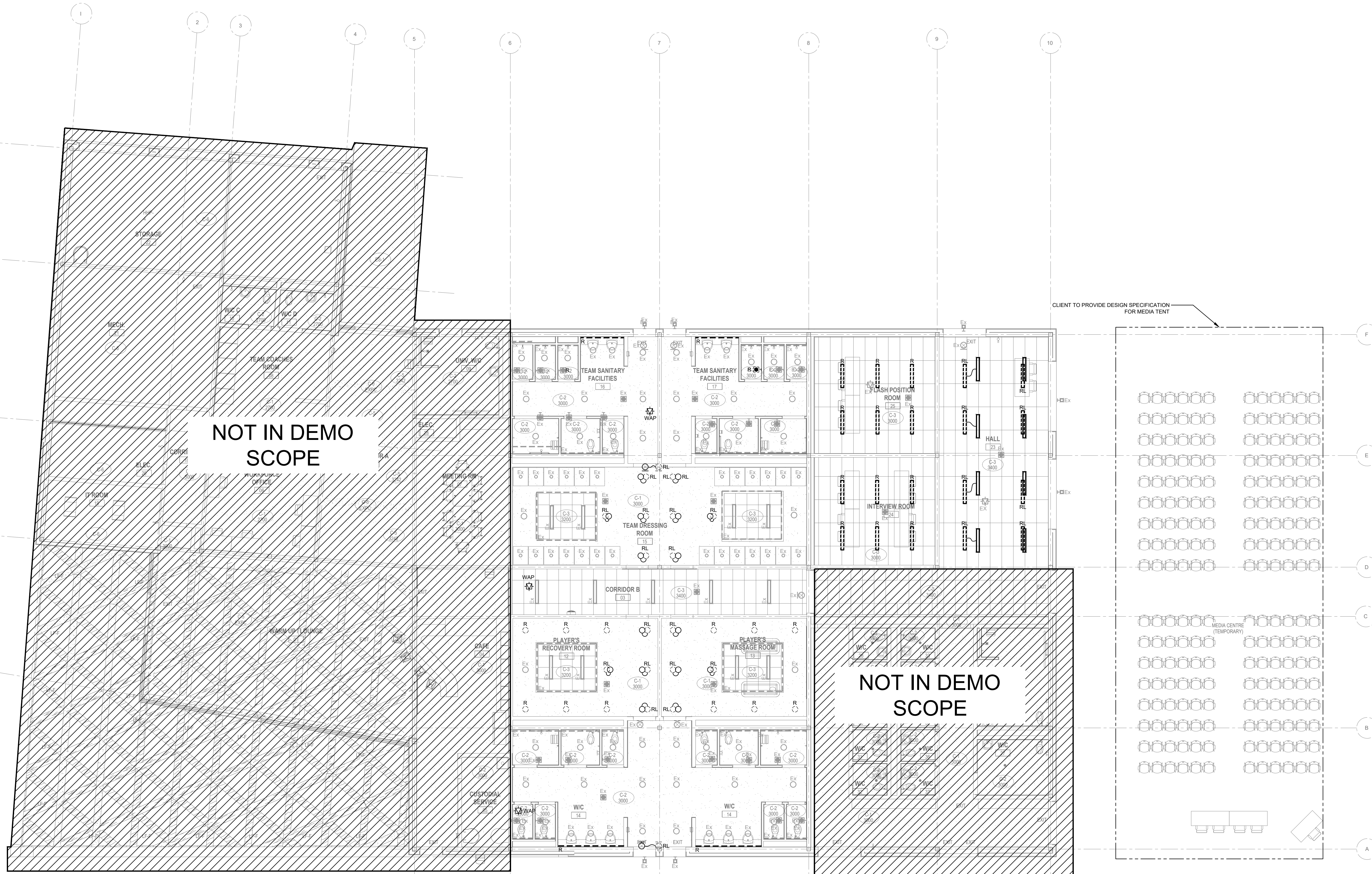


FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON

DEMOLITION REFLECTED
CEILING PLAN - GAME TO
LEGACY

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

ED-200.1

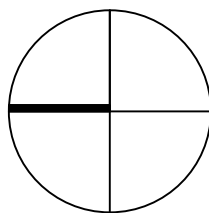


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ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
ISSUED FOR PROGRESS	2024.07.30
Revision	DATE



**FIFA - EAST VSTS
CENTENNIAL PARK**

Address: 56 Centennial Park Rd, Toronto, ON

**DEMOLITION FLOOR PLAN -
GAME TO LEGACY**

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

ED-300.1

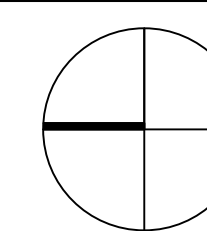
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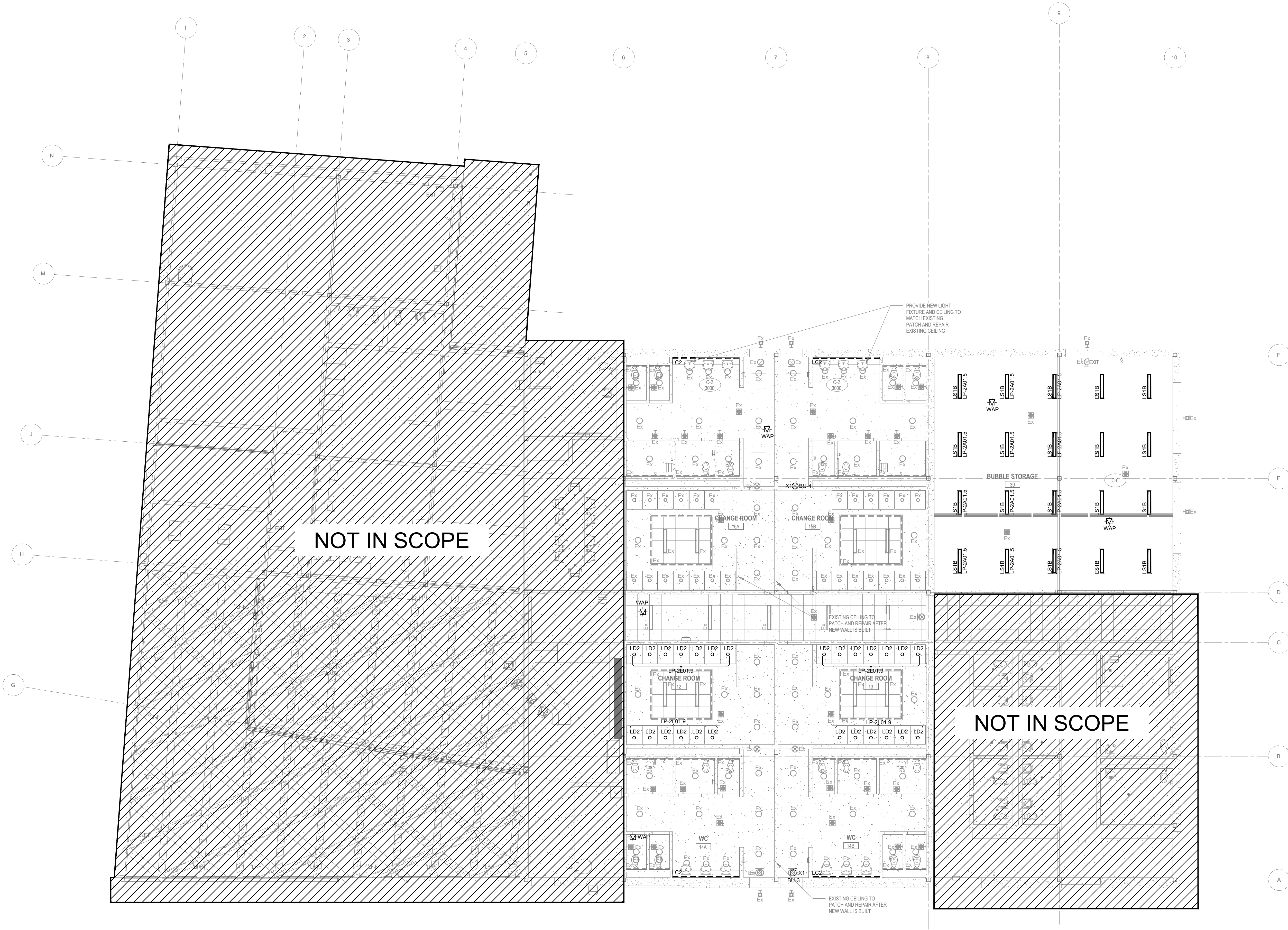


ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
ISSUED FOR PROGRESS	2024.07.30
ISSUED FOR CLASS C COSTING	2024.06.28
ISSUED FOR COORDINATION	2024.05.31
revision	date



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

E-200.1



- NOTES
- 1

TYPE EX INGROUND RECESSED UPLIGHT. REFER TO FIXTURE SCHEDULE FOR MORE INFORMATION.
- 2

TYPE EX SURFACE MOUNTED TO WOOD CEILING STRUCTURE. ALLOW ALTERNATE PRICING.
- 3

LIGHTING TO BE CONTROLLED VIA OCCUPANCY SENSORS.
- 4

PROVIDE OCCUPANCY SENSORS THROUGHOUT ALL CORRIDORS, AND IN EVERY ROOM INSIDE THE BUILDING. LIGHT FIXTURES IN EACH RESPECTIVE SPACE TO BE CONTROLLED BY RESPECTIVE OCCUPANCY SENSOR.

CHERIE NG
ARCHITECT INC
www.cherien.com
t. 416.898.1979

general notes :

1.

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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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PROFESSIONAL REGISTER
A. TAN
100087772
18-Nov-2024
PROVINCE OF ONTARIO

ISSUED FOR TENDER2024.11.08

ISSUED FOR PROGRESS2024.08.23

ISSUED FOR PROGRESS2024.08.15

ISSUED FOR PROGRESS2024.07.30

RevisionDate

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

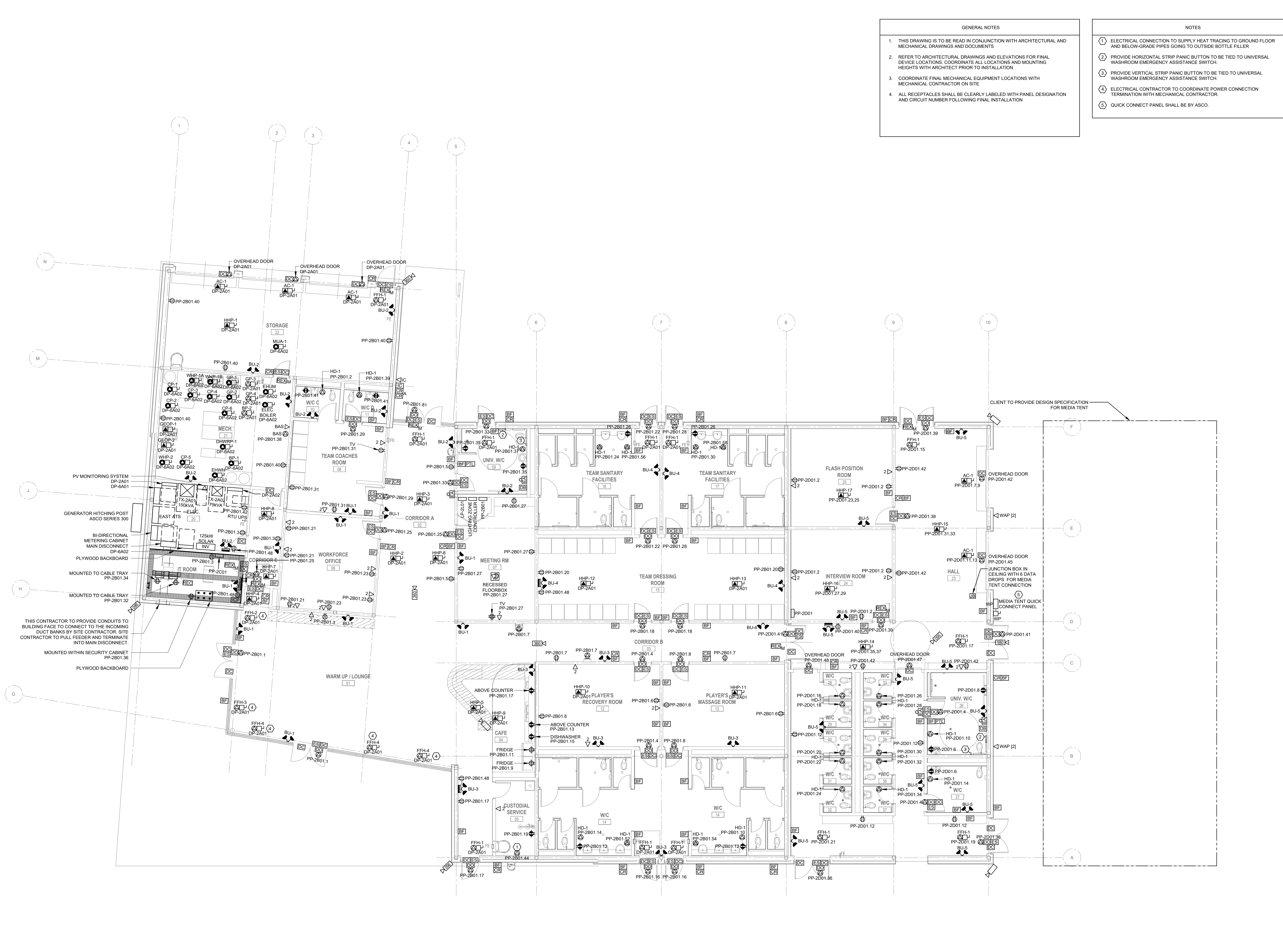
REFLECTED CEILING PLAN -
LEGACY LIGHTING LAYOUT

project no. :2024-0112

scale :1:100

date :

drawing no. :



- GENERAL NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND DOCUMENTS
 2. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR FINAL DEVICE LOCATIONS. COORDINATE ALL LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION
 3. COORDINATE FINAL MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL CONTRACTOR ON SITE
 4. ALL RECEPTACLES SHALL BE CLEARLY LABELED WITH PANEL DESIGNATION AND CIRCUIT NUMBER FOLLOWING FINAL INSTALLATION

- NOTES
1. ELECTRICAL CONNECTION TO SUPPLY HEAT TRACING TO GROUND FLOOR AND BELOW-GRADE PIPES GOING TO OUTSIDE BOTTLE FILLER
 2. PROVIDE HORIZONTAL STRIP PANIC BUTTON TO BE TIED TO UNIVERSAL WASHROOM EMERGENCY ASSISTANCE SWITCH.
 3. PROVIDE VERTICAL STRIP PANIC BUTTON TO BE TIED TO UNIVERSAL WASHROOM EMERGENCY ASSISTANCE SWITCH.
 4. ELECTRICAL CONTRACTOR TO COORDINATE POWER CONNECTION TERMINATION WITH MECHANICAL CONTRACTOR.
 5. QUICK CONNECT PANEL SHALL BE BY ASCO.

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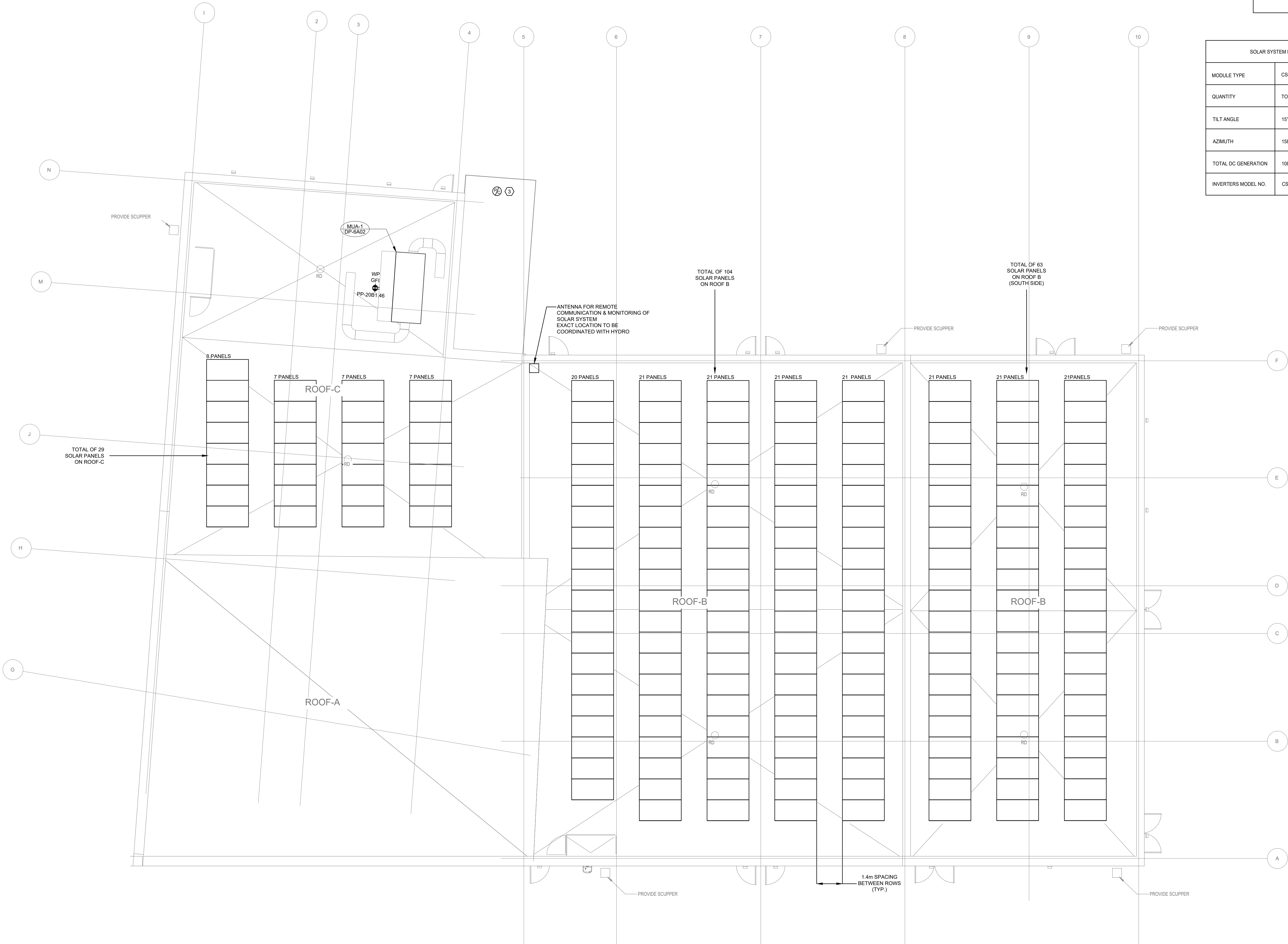


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ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
ISSUED FOR PROGRESS	2024.07.30
ISSUED FOR CLASS C COSTING	2024.06.28
ISSUED FOR COORDINATION	2024.05.31
Revision	0000

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

FLOOR PLAN - GAME
POWER & SYSTEMS

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



- NOTES
1.

PROVISIONS FOR SOLAR PANELS TO BE LOCATED ON ROOFTOP.
2.

PROVIDE SOLAR PV FRAME SHOP DRAWING PREPARED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER (P. ENG.). SOLAR PV FRAME / SUPPORT SYSTEM SHALL NOT HAVE PENETRATION THROUGH ROOF MEMBRANE AND SHALL BE A BALLASTED SYSTEM. REVIEW THE STRUCTURAL DRAWINGS FOR STRUCTURAL LOADING CRITERIA AND TAKE INTO ACCOUNT WHEN PREPARING SHOP DRAWINGS.
3.

EXTERIOR LIGHTING TO BE CONTROLLED BY PHOTOCELL & DIGITAL SWITCH. REFER TO DETAIL 4/E-600.1 FOR EXTERIOR LIGHTING CONTROL SCHEMATIC.

SOLAR SYSTEM DESCRIPTION	
MODULE TYPE	CS6W-555MS
QUANTITY	TOTAL OF 196 MODULES
TILT ANGLE	15°
AZIMUTH	158°
TOTAL DC GENERATION	108.8KW
INVERTERS MODEL NO.	CSI-125K-T600GL03-U

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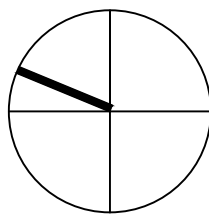
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ISSUED FOR PROGRESS	2024.07.30
ISSUED FOR CLASS C COSTING	2024.06.28
ISSUED FOR COORDINATION	2024.05.31
Revision	0000



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

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

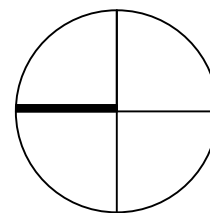
E-301.1

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ISSUED FOR CLASS C COSTING	2024.06.28
ISSUED FOR COORDINATION	2024.05.31
Revision	0000



**FIFA - EAST VSTS
CENTENNIAL PARK**

Address: 56 Centennial Park Rd, Toronto, ON

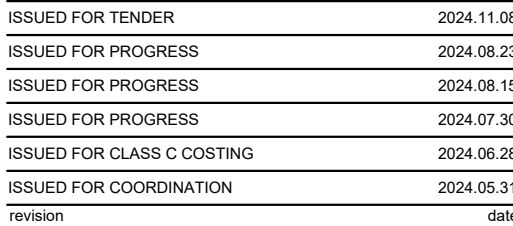
**FLOOR PLAN - LEGACY
POWER & SYSTEMS**

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

date :

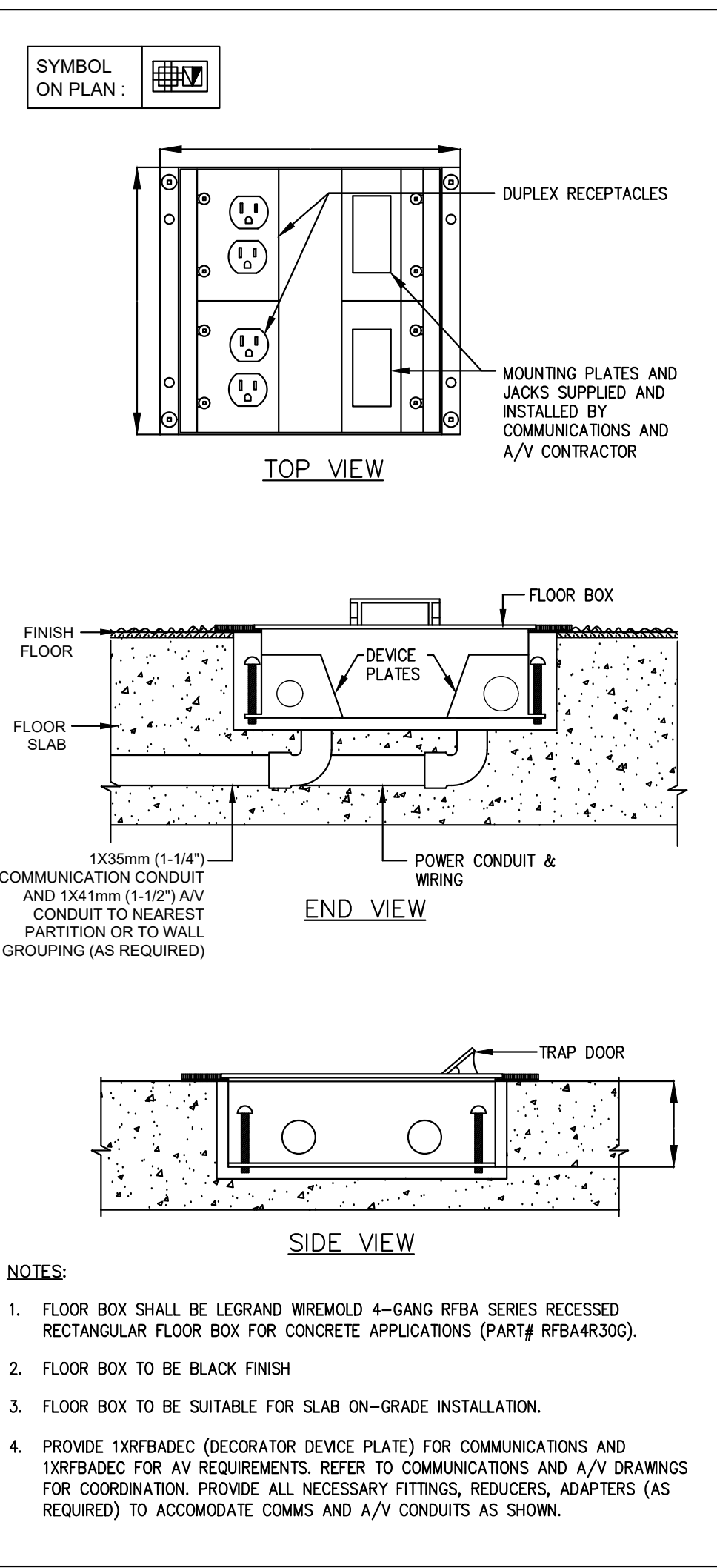
drawing no. :



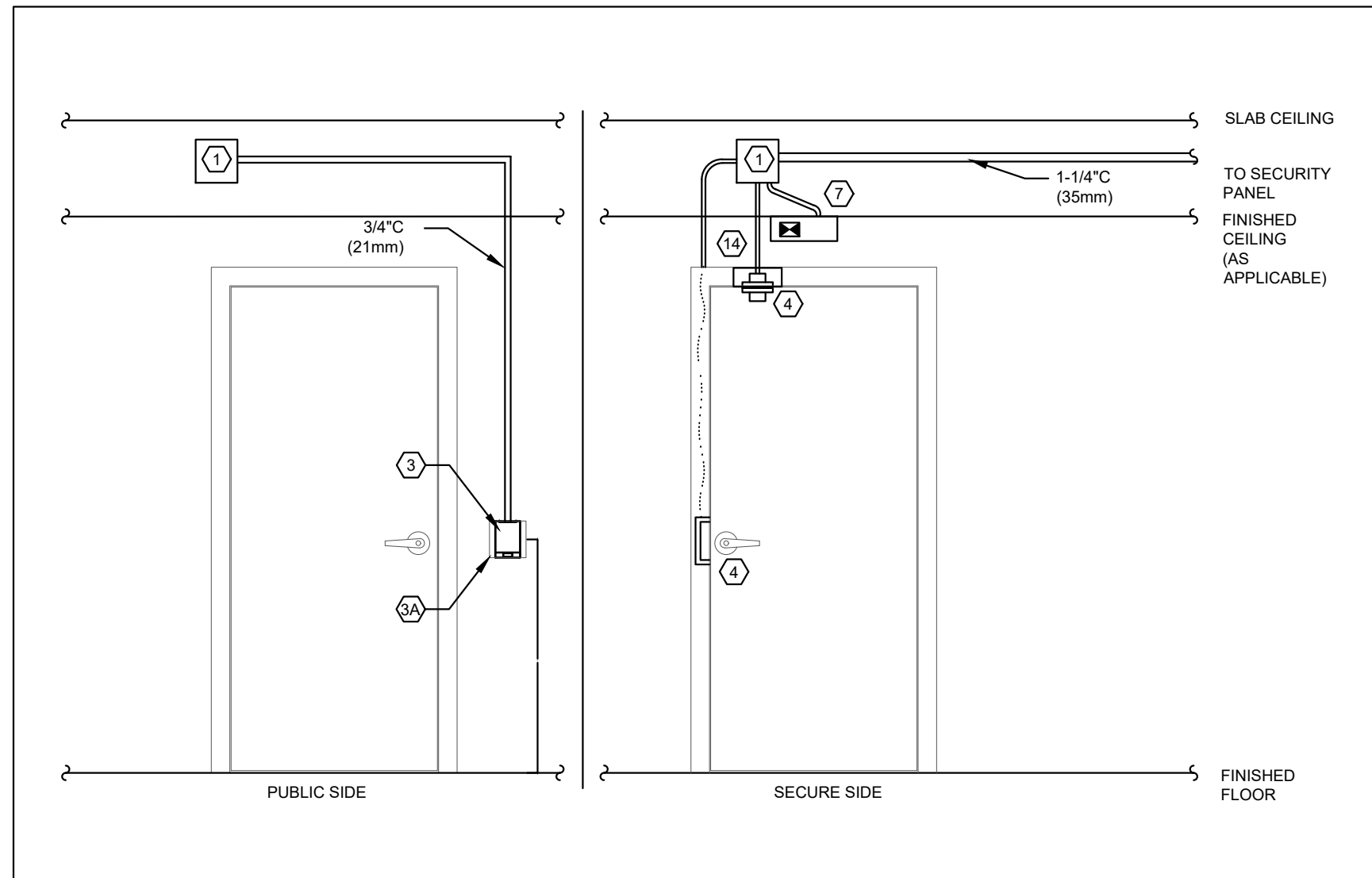


1 MISCELLANEOUS EQUIPMENT SCHEDULE
E-801.1 SCALE: N.T.S.

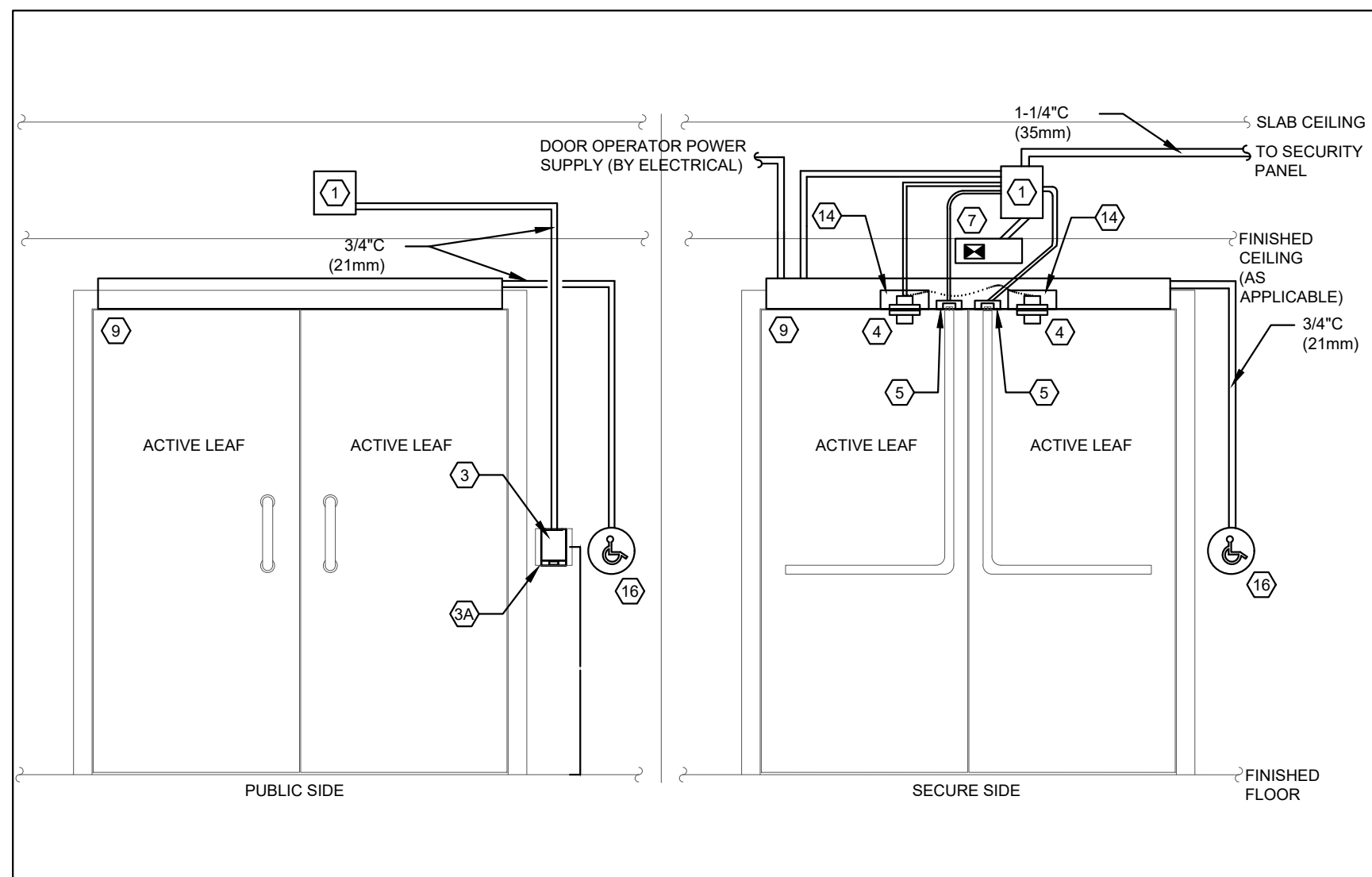
2 LEGACY LUMINAIRE FIXTURE SCHEDULE
E-801.1 SCALE: NTS



3 FLOOR BOX DETAIL
E-801.1 SCALE: NTS



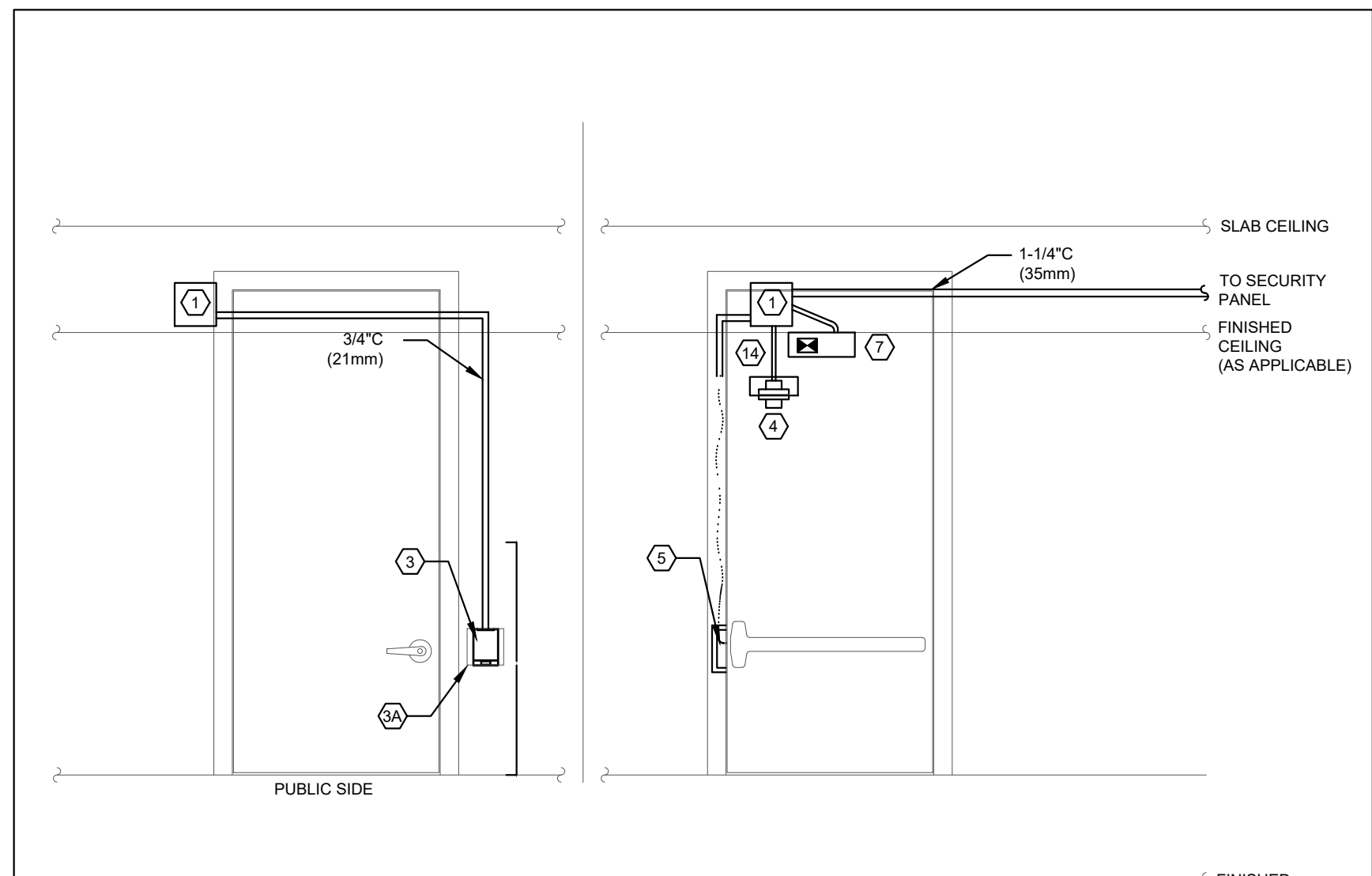
4 SINGLE DOOR W/ READER IN, ELECTRIC STRIKE
E-801.1 SCALE: N.T.S



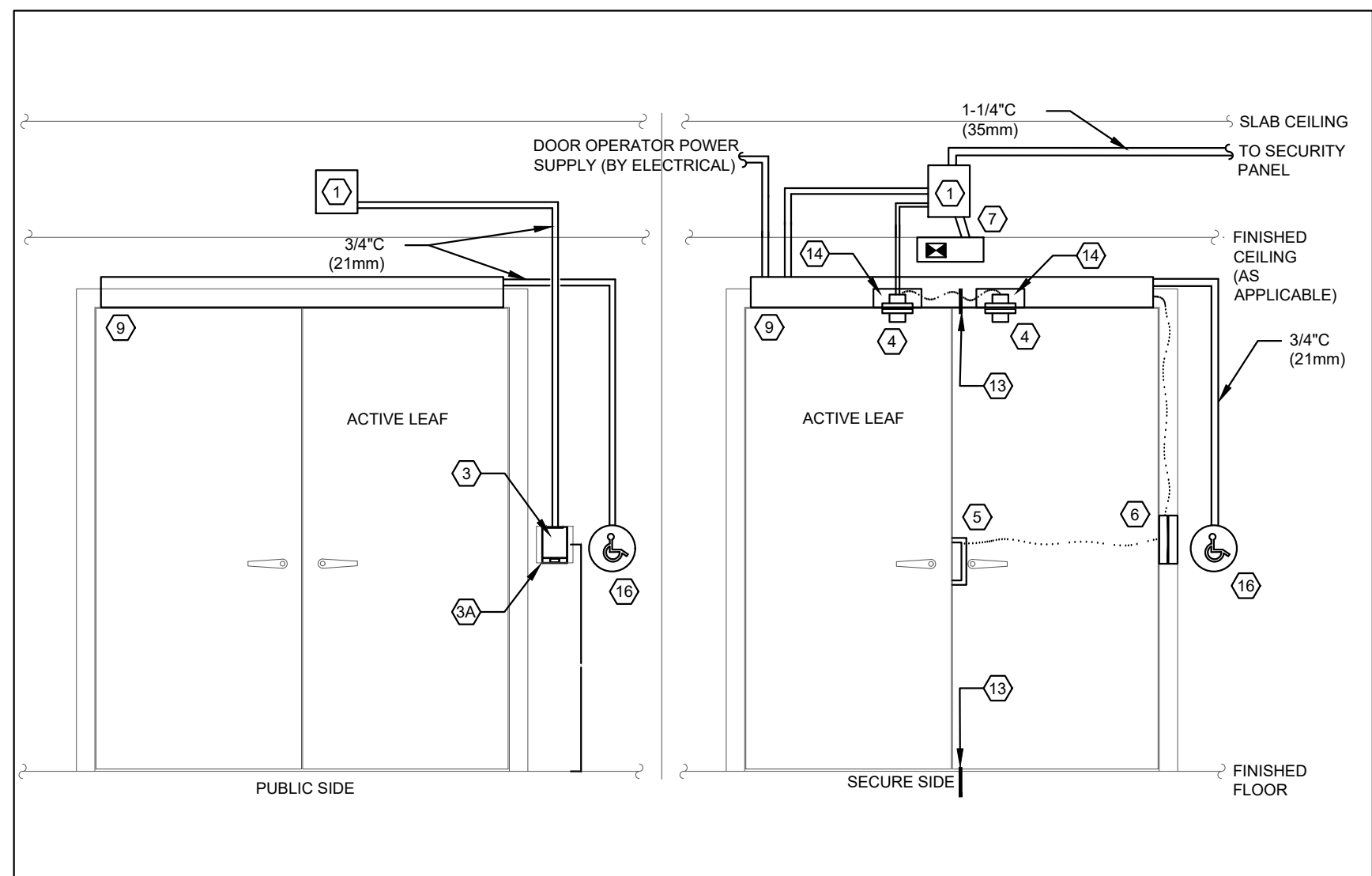
5 DOUBLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE
E-801.1 SCALE: N.T.S

DOOR LEGEND & MATERIALS

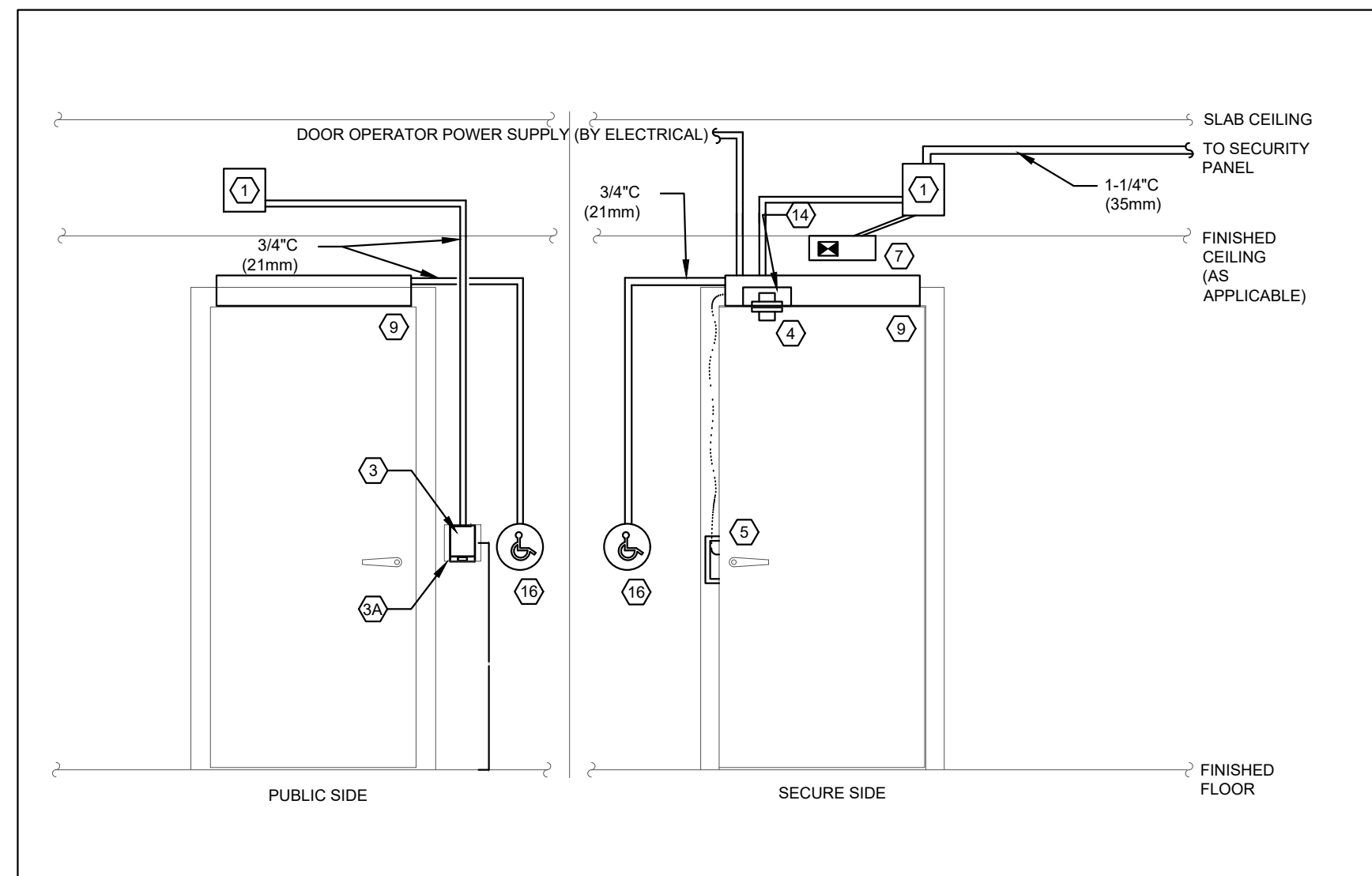
- | | | |
|---|---|--|
| 1 SECURITY JUNCTION BOX ON SECURE SIDE OF DOOR (BY ELECTRICAL) | 11 SINGLE GANG LATCHING DURESS | LINE TYPES LEGEND |
| 2 MAGNETIC LOCK | 12 MANUAL FIRE ALARM PULL STATION C/W AUXILIARY CONTACTS (BY FIRE ALARM CONTRACTOR) | CABLE INSIDE DOOR FRAMES/DOORS |
| 3 PROXIMITY CARD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



6 SINGLE DOOR W/ READER IN, ELECTRIC STRIKE, PANIC BAR
E-801.1 SCALE: N.T.S



7 DOUBLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE
E-801.1 SCALE: N.T.S



8 SINGLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE
E-801.1 SCALE: N.T.S

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 govern over the Mechanical and Electrical drawings. Those items not clearly located will be located as per directed by the Architect.



ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
ISSUED FOR PROGRESS	2024.07.30
ISSUED FOR CLASS C COSTING	2024.06.25
Revision	0000

FIFA - EAST VSTS
CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
DETAILS PART 2

project no. : 2024-0112
scale : As Indicated
date :
drawing no. :

