

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.

LIGHTING LEGEND		EXISTING DEVICES ARE TONED:
	2' x 2'	LED/FLUORESCENT 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
		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:		
		EMERGENCY REMOTE LIGHTING HEAD. QUANTITY OF HEADS AS INDICATED.
		EMERGENCY REMOTE LIGHTING HEAD. QUANTITY OF HEADS AS INDICATED.
		EMERGENCY LIGHTING BATTERY UNIT C/W REMOTE LIGHTING HEADS.
		TAG # INDICATES CIRCUITING FOR REMOTE HEADS.
EXIT SIGNS:		
		CEILING MOUNTED
		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, 'S' - VARIABLE SPEED
		DENOTES DIMMER SWITCH. TAG # INDICATES SWITCH TYPE/ACCESSORIES. 3- 3-WAY DIMMER, 4- 4-WAY DIMMER, 1V - LOW VOLTAGE DIMMER
		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
		POWER PACK
ABBREVIATIONS:		
AFI - ARC FAULT INTERRUPTER	AFF - ABOVE FINISHED FLOOR	
AF - AMPS FRAME	AT - AMPS TRIP	
AV - AUDIO/VISUAL DEVICE	(C) DEDICATED CIRCUIT	
CH - COUNTER HEIGHT, 12" OR AS NOTED	CHP - CHILD PROOF	
CLG - CEILING	CP - CONSOLIDATION POINT	
DW - DISHWASHER	EXP - EXPLOSION PROOF	
GFI - GROUND FAULT INTERRUPTER	GFCI - GROUND FAULT CURRENT INTERRUPTER	
GND - GROUND	GVB - GYPSUM WALL BOARD	
HK - HOUSE KEEPING	HP - HOSPITAL GRADE	
IDF - INTERMEDIATE DISTRIBUTION FRAME	IG - ISOLATED GROUND	
K - KEY OPERATED	MCS - MULTIMEDIA COMMUNICATION SYSTEM	
MDF - MAIN DISTRIBUTION FRAME	MH - MANHOLE	
MM - MULTIMODE	MW - MICROWAVE	
(N) - NORMAL CIRCUIT	NIC - NOT IN CONTRACT	
NL - NIGHT LIGHT	O/H - OVERHEAD	
PBX - PRIVATE BRANCH EXCHANGE	PR - PAIR	
R - TO BE REMOVED	RE - TO BE RELOCATED	
RL - RELOCATED POSITION	RF - REFRIGERATOR	
RIA - RETURN AIR	S/A - SUPPLY AIR	
(SC) - SEPARATE CIRCUIT	SG - SINGLE GANG	
SM - SINGLE MODE	SS - STAINLESS STEEL	
TEMP - TEMPORARY	TGBB - TELECOM GROUNDING BUSBAR	
TL - TWIST LOCK	TSER - TELECOM SERVICE ENTRANCE ROOM	
TR - TAMPER RESISTANT	TYP - TYPICAL	
U/G - UNDERGROUND	U/S - UNDERSIDE	
UON - UNLESS OTHERWISE NOTED	UPS - UNINTERRUPTIBLE POWER SUPPLY	
WG - WIRE GUARD	WAP - WIRELESS ACCESS POINT	
WP - WEATHER PROOF	WW - WIREWAY	
	WT - WATER TIGHT	

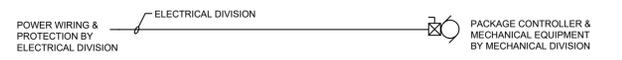
ELECTRICAL LEGEND		EXISTING DEVICES ARE TONED:
	120V, SINGLE PHASE DIRECT CONNECTION	
	208V, SINGLE PHASE DIRECT CONNECTION	
	208V, THREE PHASE DIRECT CONNECTION	
	600V, SINGLE PHASE DIRECT CONNECTION	
	600V, THREE PHASE DIRECT CONNECTION	
	V, SINGLE PHASE DIRECT CONNECTION - VOLTAGE AS NOTED	
	V, THREE 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 (ie: FIRE, COMMS etc.) - SURFACE MOUNTED	
	UTILITY PANEL/CABINET (ie: 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	
	SINGLE TWISTLOCK RECEPTACLE - FLOOR 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	

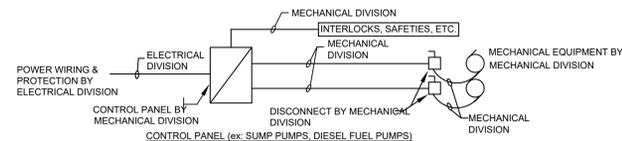
SYSTEMS LEGEND			EXISTING DEVICES ARE TONED:
DATA OUTLETS MOUNTED			
	WALL	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE. 'M' DENOTES NUMBER OF OUTLETS	
	FLOOR	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE. 'M' DENOTES NUMBER OF OUTLETS	
	CEILING	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE. 'M' DENOTES NUMBER OF OUTLETS	
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. 'M' DENOTES NUMBER OF OUTLETS	
	FLOOR	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE. 'M' DENOTES NUMBER OF OUTLETS	
	CEILING	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE. 'M' DENOTES NUMBER OF OUTLETS	
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	
	FLOOR	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE	
	CEILING	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE	
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	COMPLETE WITH BACKBOX, PULL CORD AND 27mm CONDUIT BACK TO THE NEAREST COMMUNICATIONS ROOM, CLOSET, OR LOCAL CABLE TRAY, UNLESS SPECIFICALLY NOTED OTHERWISE	
AUDIO/VISUAL LOCATION			
	WALL	AUDIO/VISUAL	
	CEILING	AUDIO/VISUAL	
	MUSIC SPEAKER - CEILING, WALL MOUNTED		
	SOUND MASKING SPEAKER		
WIRELESS ACCESS POINT (WAP) LOCATION			
	WALL	WIRELESS ACCESS POINT (WIFI)	
	CEILING	WIRELESS ACCESS POINT (WIFI)	
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	PUBLIC ADDRESS SYSTEM SPEAKER	
SECURITY AND ACCESS DEVICES			
	WALL OR CEILING	CLOSED CIRCUIT TELEVISION (SECURITY CAMERA)	
	WALL	MOTION DETECTOR - SECURITY	
	CEILING	MOTION DETECTOR - SECURITY	
	WALL	GLASS BREAK SENSING DEVICE	
	CEILING	GLASS BREAK SENSING DEVICE	
	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	

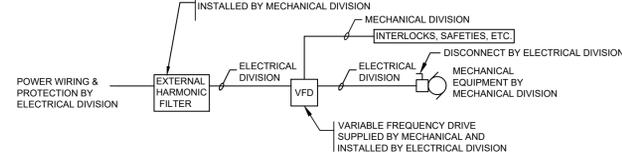
SCOPE OF WORK FOR MECHANICAL EQUIPMENT



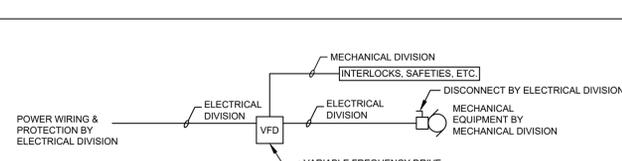
PACKAGE UNIT (SINGLE POINT POWER)



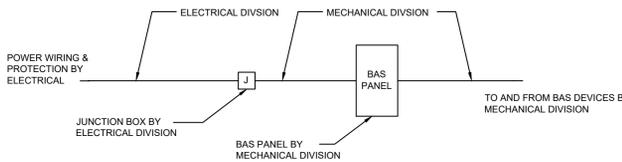
MOTOR CONTROL BY V.F.D. WITH EXTERNAL HARMONIC FILTER



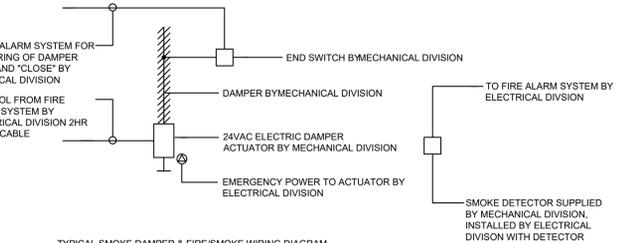
MOTOR CONTROL BY V.F.D.



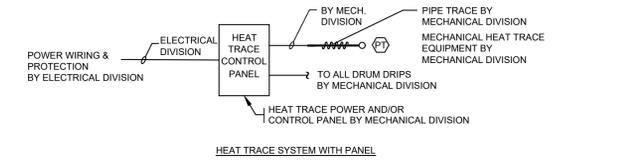
MOTOR CONTROL BY V.F.D.



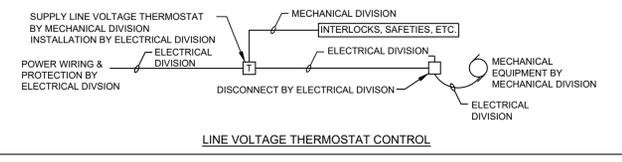
BAS PANEL



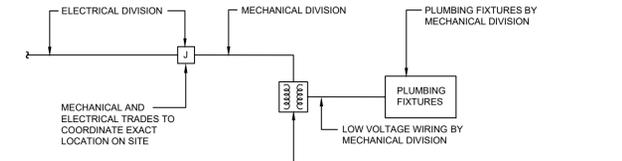
TYPICAL SMOKE DAMPER & FIRE/SMOKE WIRING DIAGRAM



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	S			I		
AV WIRE AND CABLE	S&I					
AV WIRE AND CABLE TERMINATION	S&I					
POWER				S&I		
POWER FOR AV EQUIPMENT				S&I		
AV RACK POWER DISTRIBUTION	S&I					
EQUIPMENT BACKING AND SUPPORT						
STRUCTURAL SUPPORT FOR AV EQUIPMENT		C	S&I			
SUPPLEMENTARY SUPPORT HARDWARE, UNISTRUT, CUSTOM FRAMES, ETC.			S&I			
TELECOMMUNICATIONS NETWORK AND HARDWARE						
NETWORK CABLE & CONNECTIONS					S&I	
NETWORK HARDWARE					S&I	
SPECIALTY NETWORK SWITCHES & HARDWARE REQUIRED FOR AV						S&I
TABLE BOXES FOR AV EQUIPMENT						S&I
LIFE SAFETY						
FIRE ALARM CABLING AND CONNECTION POINT TO AV LOCATIONS				S&I		
CONNECTION TO FIRE ALARM SYSTEM				S&I		

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.



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COMMUNICATIONS SCOPE OF WORK

- PROVIDE CONDUIT TRUNK AND JUNCTION BOX C/W PULL STRING AS INDICATED ON COMMUNICATIONS DRAWING T-201.
- PROVIDE PLYWOOD BACKBOARD AND BONDING BAR AS INDICATED ON DETAIL 1/T-301.
- 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:

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



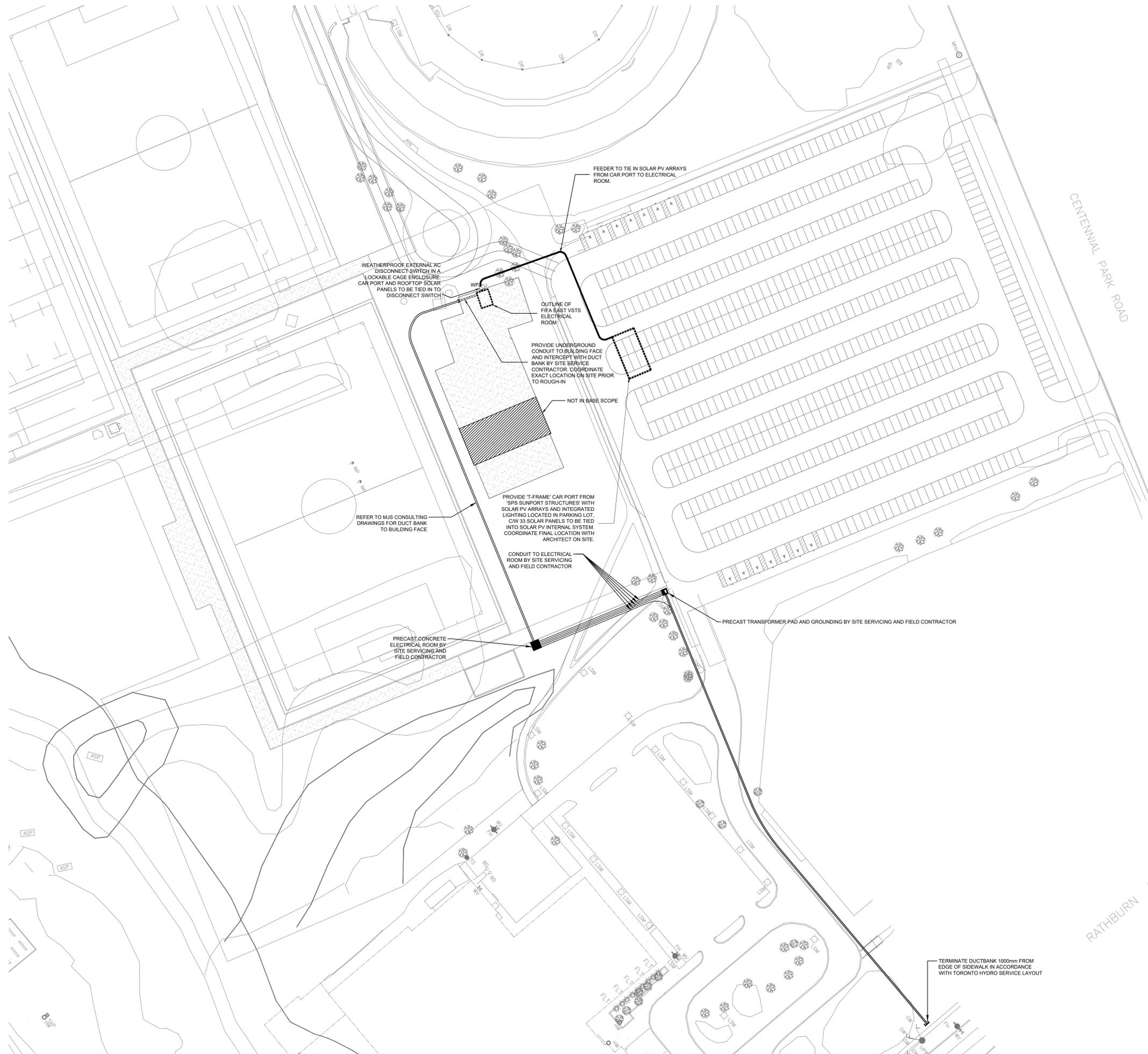
ISSUED FOR ADDENDUM NO 1 2024.12.18
 ISSUED FOR TENDER 2024.11.08
 revision

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.:

general notes:

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ISSUED FOR ADDENDUM NO 1	2024.12.18
ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15

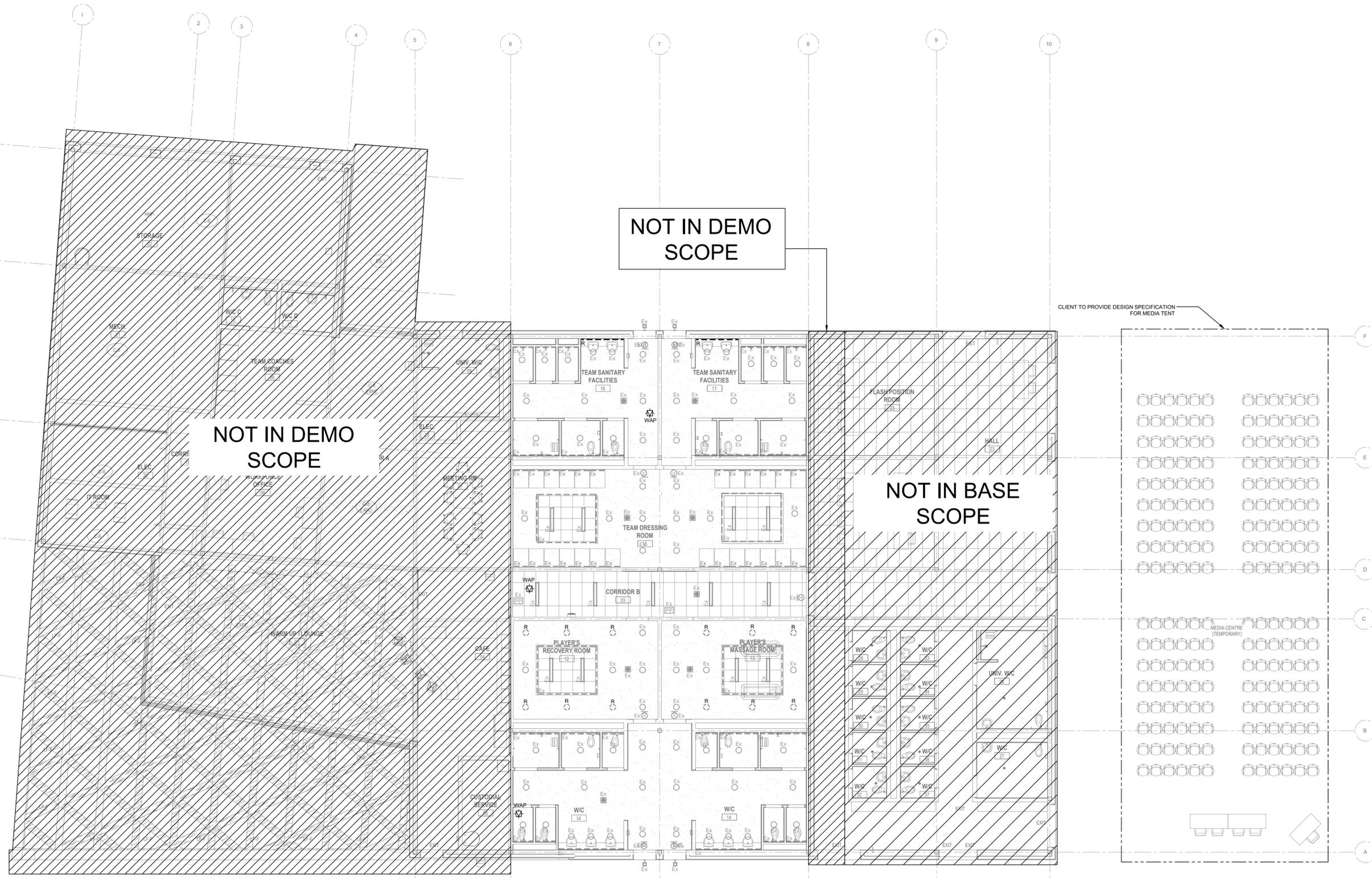


FIFA - EAST VSTS CENTENNIAL PARK
Address: 56 Centennial Park Rd, Toronto, ON
SITE PLAN

project no.: 2024-0112
scale: 1:500
date:
drawing no.:

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

DEMOLITION REFLECTED CEILING PLAN - GAME TO LEGACY

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

ED-200.0

NOTES
 ① DEVICES TO BE RELOCATED TO NEW LOCATION ON LEGACY DRAWINGS.
 SEE DRAWING E-302.0 FOR DETAILS.

general notes:

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ISSUED FOR ADDENDUM NO 1	2024.12.18
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

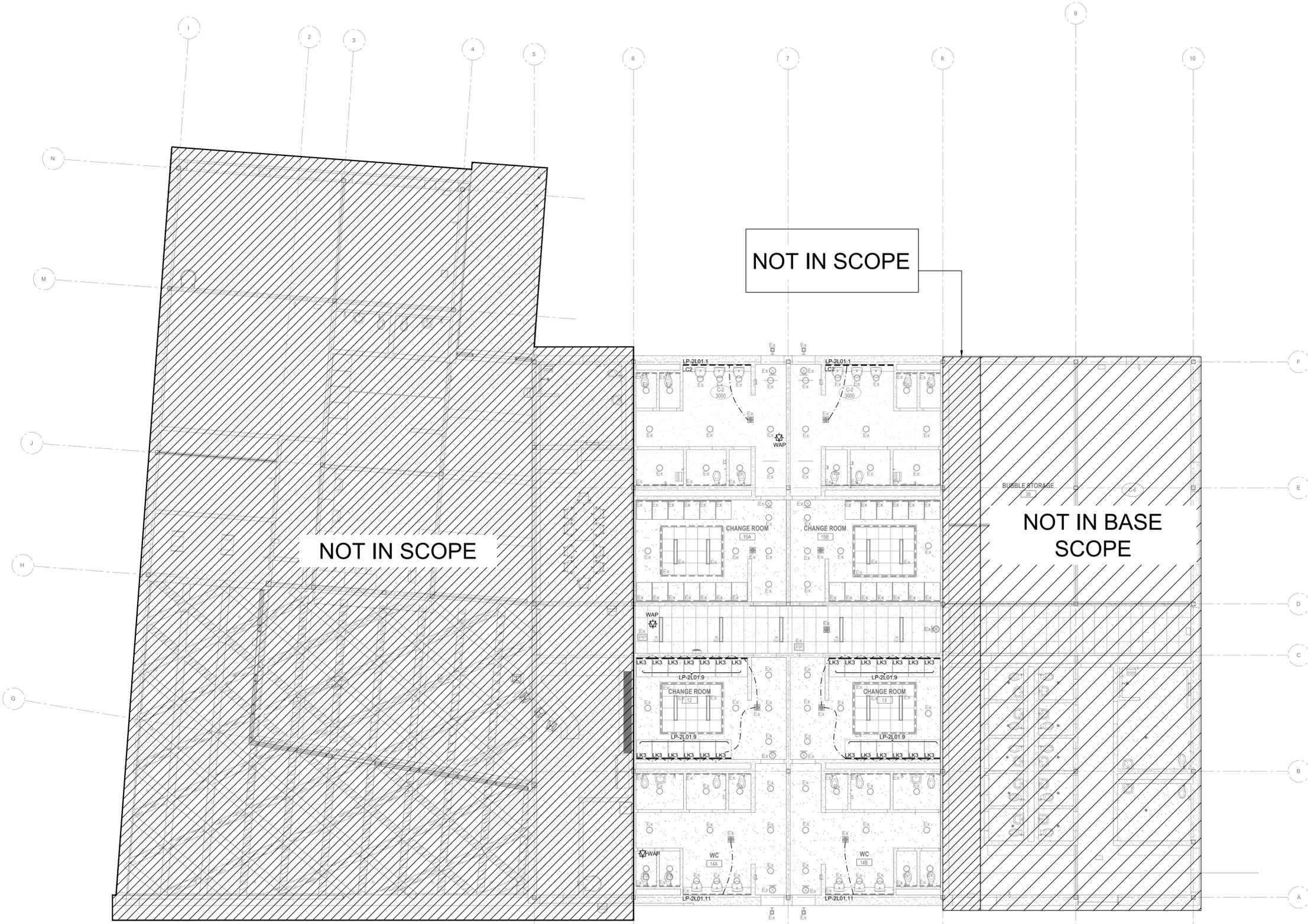


FIFA - EAST VSTS
CENTENNIAL PARK
 Address: 56 Centennial Park Rd, Toronto, ON
DEMOLITION FLOOR PLAN -
GAME TO LEGACY

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

- NOTES
- TYPE EX INGROUND RECESSED UPLIGHT. REFER TO FIXTURE SCHEDULE FOR MORE INFORMATION.
 - TYPE EX SURFACE MOUNTED TO WOOD CEILING STRUCTURE. ALLOW ALTERNATE PRICING.
 - LIGHTING TO BE CONTROLLED VIA OCCUPANCY SENSORS.
 - 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.

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ISSUED FOR PROGRESS	2024.09.23
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

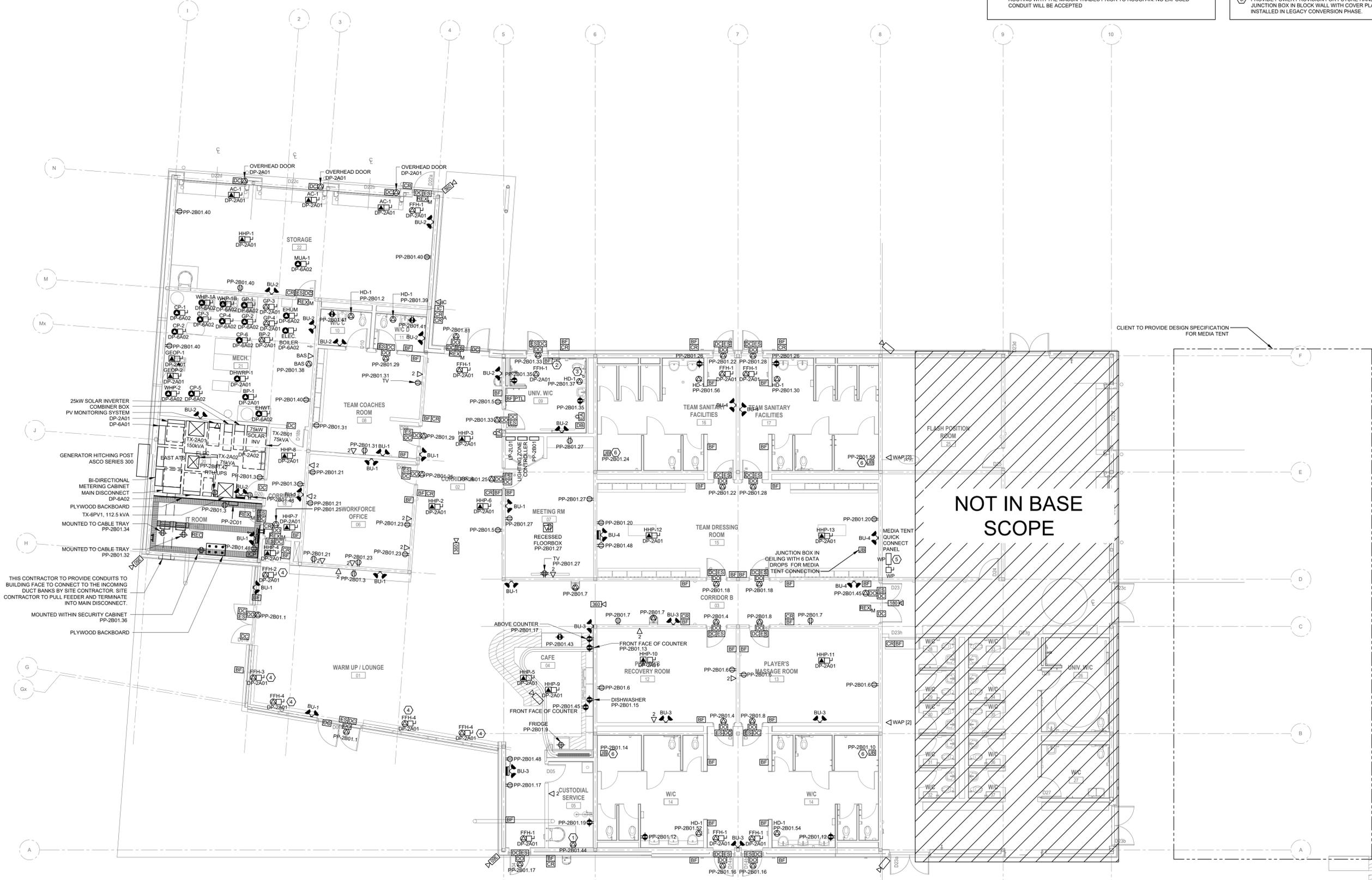
project no. : 2024-0112
scale : 1:100
date :
drawing no. :

general notes:

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- 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
 5. CONDUITS SHALL BE RUN IN CONCRETE MASON UNIT. COORDINATE ROUTING WITH THE MASON TRADES PRIOR TO ROUGH-IN. NO EXPOSED CONDUIT WILL BE ACCEPTED

- 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.
 6. PROVIDE POWER PROVISION FOR FUTURE HAND DRYER IN A RECESSED JUNCTION BOX IN BLOCK WALL WITH COVER PLATE. HAND DRYER TO BE INSTALLED IN LEGACY CONVERSION PHASE.



NOT IN BASE SCOPE

CLIENT TO PROVIDE DESIGN SPECIFICATION FOR MEDIA TENT



ISSUED FOR ADDENDUM NO 1	2024.12.18
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

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

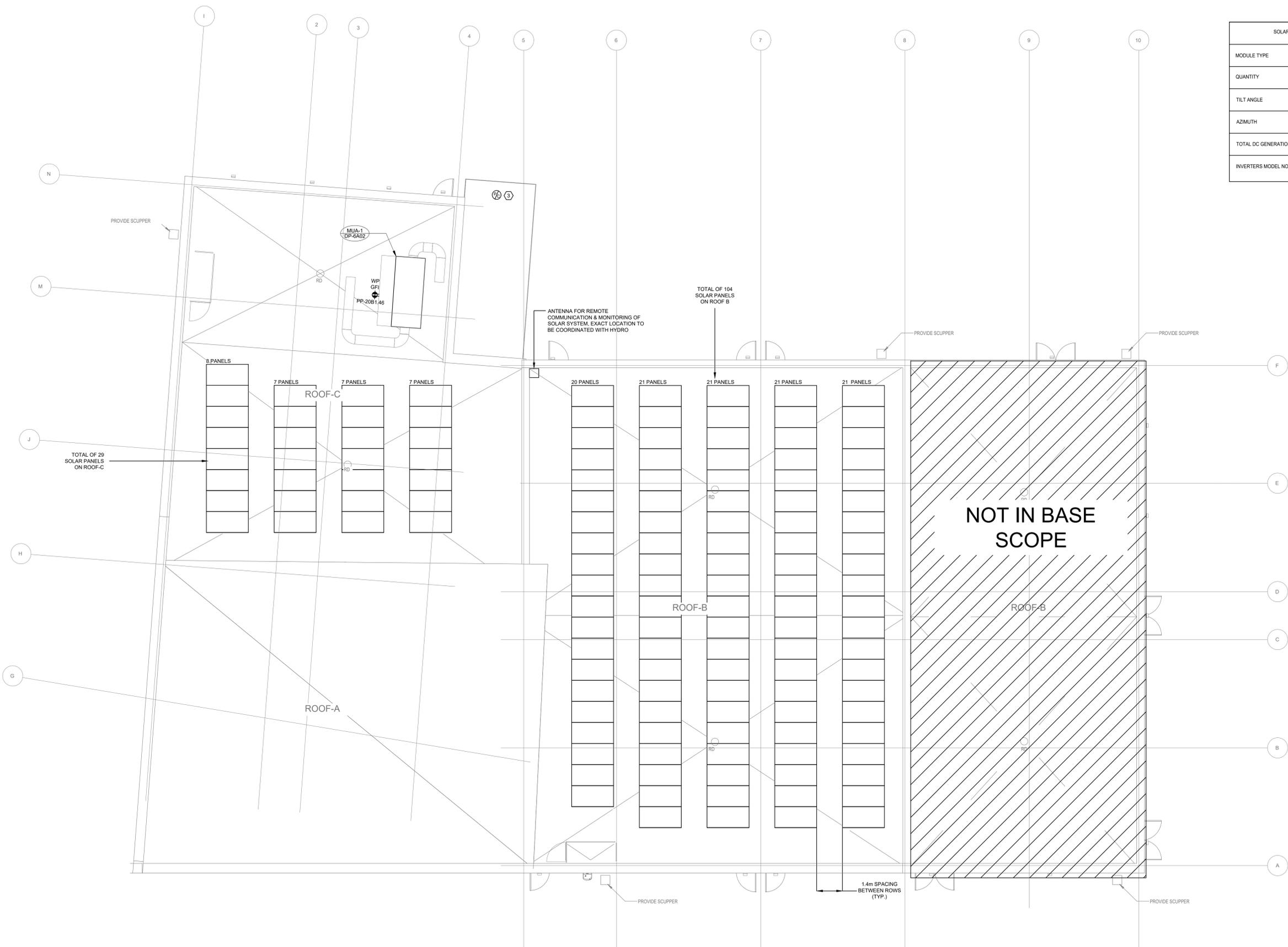
project no.: 2024-0112
scale: 1:100
date:
drawing no.:

- PROVISIONS FOR SOLAR PANELS TO BE LOCATED ON ROOFTOP.
- 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.
- EXTERIOR LIGHTING TO BE CONTROLLED BY PHOTOCELL & DIGITAL SWITCH. REFER TO DETAIL 4/E-800.0 FOR EXTERIOR LIGHTING CONTROL SCHEMATIC.

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SOLAR SYSTEM DESCRIPTION	
MODULE TYPE	C6EW-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



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ISSUED FOR PROGRESS	2024.08.15
revision	date

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

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

NOTES
 ⚠️ DEVICE TO BE RELOCATED FROM LOCATION INDICATED ON DEMO PLAN ED-300.

CHERIE NG ARCHITECT INC.
 www.cherien.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



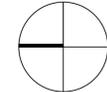
DASHED LINES INDICATES ROOF ABOVE

ISSUED FOR ADDENDUM NO 1	2024.12.18
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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

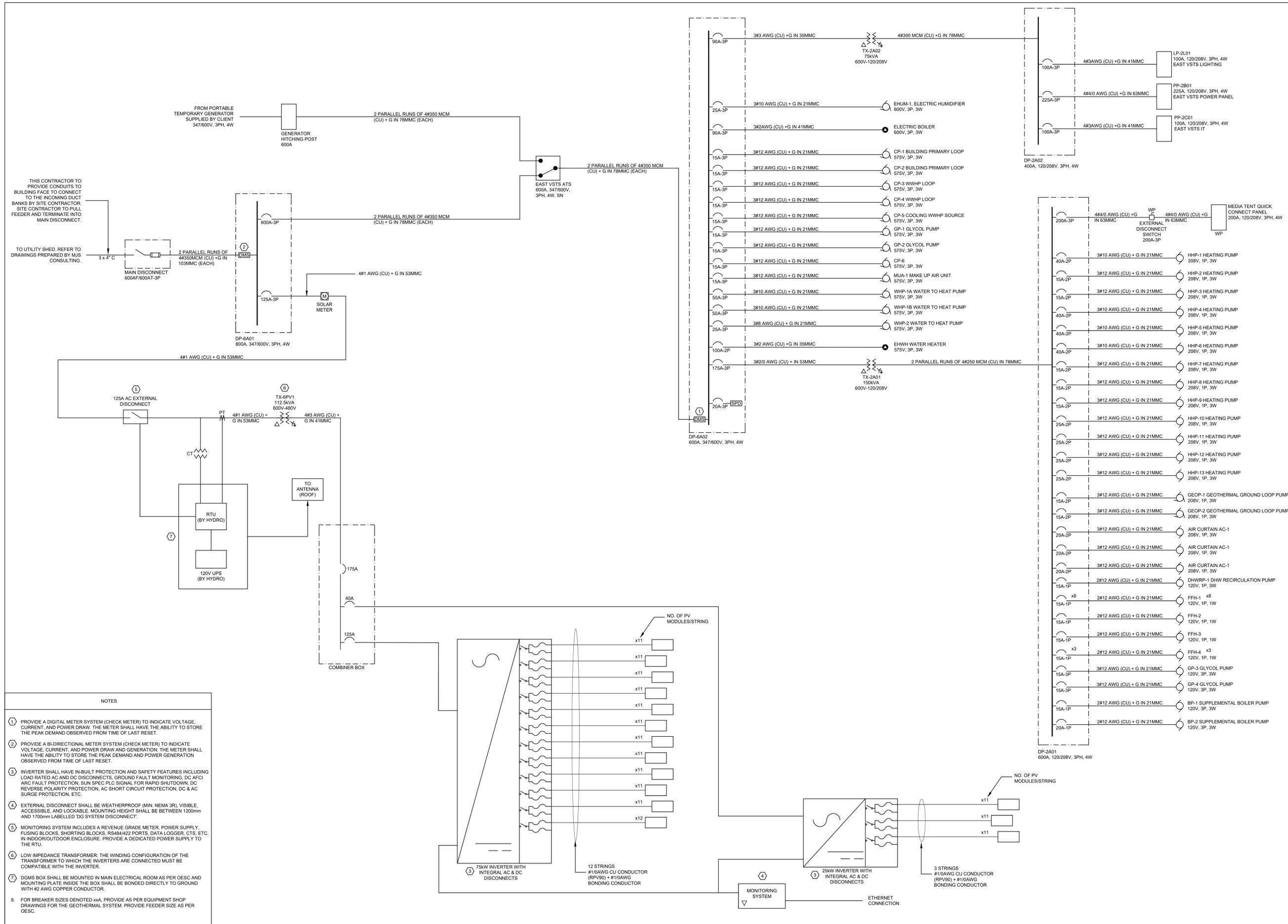
project no. : 2024-0112
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E-302.0



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- NOTES**
- PROVIDE A DIGITAL METER SYSTEM (CHECK METER) TO INDICATE VOLTAGE, CURRENT, AND POWER DRAW. THE METER SHALL HAVE THE ABILITY TO STORE THE PEAK DEMAND OBSERVED FROM TIME OF LAST RESET.
 - PROVIDE A BI-DIRECTIONAL METER SYSTEM (CHECK METER) TO INDICATE VOLTAGE, CURRENT, AND POWER DRAW AND GENERATION. THE METER SHALL HAVE THE ABILITY TO STORE THE PEAK DEMAND AND POWER GENERATION OBSERVED FROM TIME OF LAST RESET.
 - INVERTER SHALL HAVE IN-BUILT PROTECTION AND SAFETY FEATURES INCLUDING LOAD RATED AC AND DC DISCONNECTS, GROUND FAULT MONITORING, DC AFCI ARC FAULT PROTECTION, SUN SPEC PLC SIGNAL FOR RAPID SHUTDOWN, DC REVERSE POLARITY PROTECTION, AC SHORT CIRCUIT PROTECTION, DC & AC SURGE PROTECTION, ETC.
 - EXTERNAL DISCONNECT SHALL BE WEATHERPROOF (MIN. NEMA 3R), VISIBLE, ACCESSIBLE, AND LOCKABLE. MOUNTING HEIGHT SHALL BE BETWEEN 1200mm AND 1700mm LABELLED 'DG SYSTEM DISCONNECT'.
 - MONITORING SYSTEM INCLUDES A REVENUE GRADE METER, POWER SUPPLY, FUSING BLOCKS, SHORTING BLOCKS, RS484/422 PORTS, DATA LOGGER, CTS, ETC. IN INDOOR/OUTDOOR ENCLOSURE. PROVIDE A DEDICATED POWER SUPPLY TO THE RTU.
 - LOW IMPEDANCE TRANSFORMER: THE WINDING CONFIGURATION OF THE TRANSFORMER TO WHICH THE INVERTERS ARE CONNECTED MUST BE COMPATIBLE WITH THE INVERTER.
 - COMBINER BOX SHALL BE MOUNTED IN MAIN ELECTRICAL ROOM AS PER OESC AND MOUNTING PLATE INSIDE THE BOX SHALL BE BONDED DIRECTLY TO GROUND WITH #2 AWG COPPER CONDUCTOR.
 - FOR BREAKER SIZES DENOTED 'xxA', PROVIDE AS PER EQUIPMENT SHOP DRAWINGS FOR THE GEOTHERMAL SYSTEM. PROVIDE FEEDER SIZE AS PER OESC.

ISSUED FOR ADDENDUM NO 1	2024.12.18
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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
SINGLE LINE DIAGRAM

project no.: 2024-0112
scale: N.T.S.
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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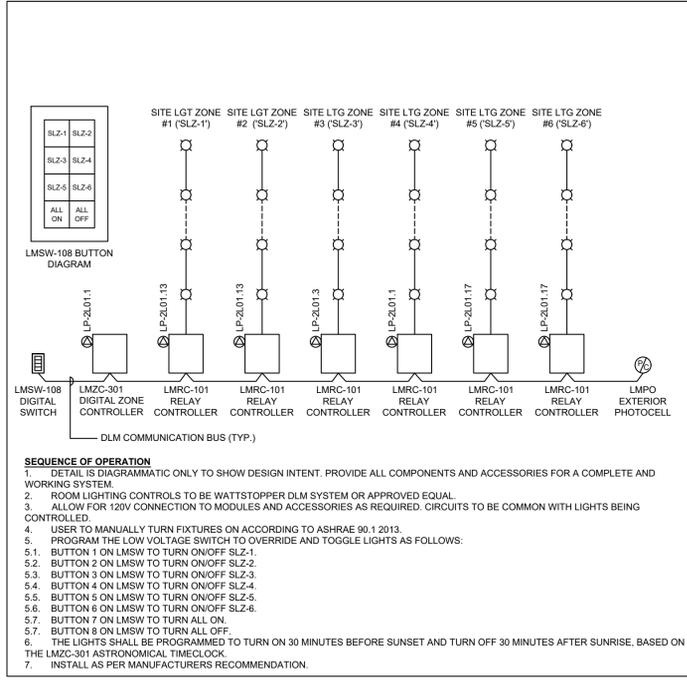
ISSUED FOR ADDENDUM NO 1	2024.12.18
ISSUED FOR TENDER	2024.11.08
ISSUED FOR PROGRESS	2024.08.23
ISSUED FOR PROGRESS	2024.08.15
revision	date

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

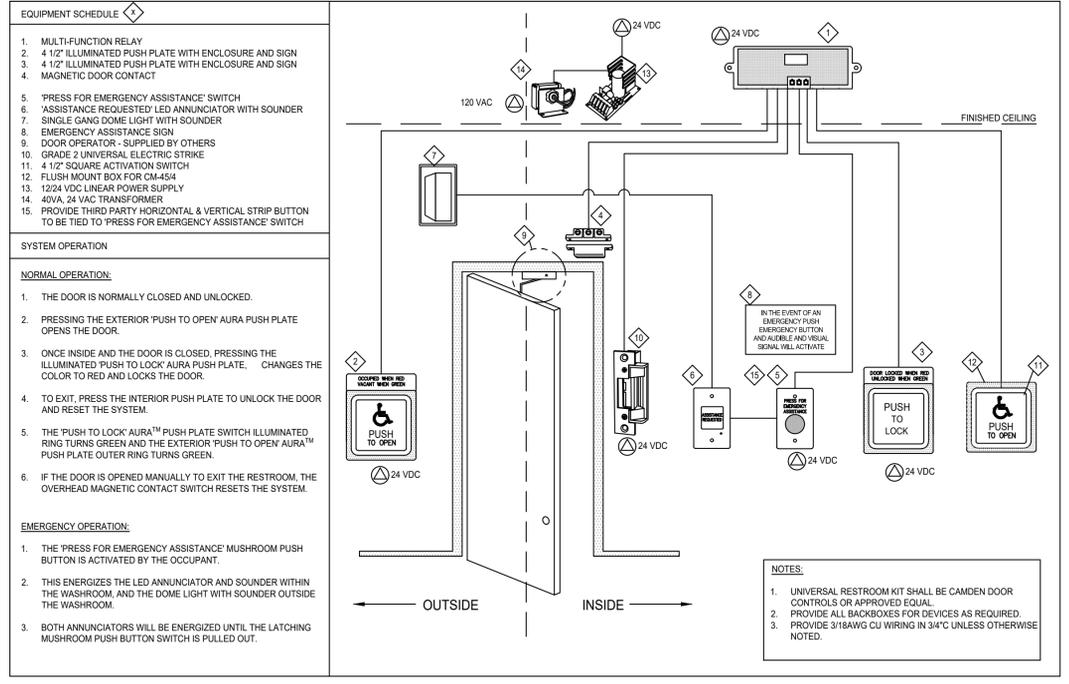
project no.: 2024-0112
 scale: N.T.S.
 date:
 drawing no.:

Type	Luminaire Description	Lamp & Voltage	Control Protocol	Input Voltage	Finish	Mounting	Location	Manufacturer & Catalogue #	Notes	Rep Contact
L1C1	Low profile LED tape light system with continuous extruded aluminum channel, weather coated trim, and remote driver. Fixture to be mounted in indirect cove.	3000K 24V/24W LED	ON/OFF	120V	N/A	Surface (indirect cove)	Team Dining Room	Acuity-QL Lighting: Everest L40-D-011 16ft white series L1199-3-0-35-DRY-STD-XX-XX-0-0-0 (9V CL3-XX-XX-911-XX-XX-0)	Coordinate remote driver location with Architect.	Sergio Dall'wa @ acuitybrands.com
L2C1	Low profile LED tape light system with continuous extruded aluminum channel, clear encapsulated lens, metal end, and remote driver. Fixture in upright position in indirect cove.	4000K 2200mA 3000K 40-0-0 LED	ON/OFF	120V	N/A	Surface (indirect cove)	Teamrestroom washrooms	Acuity-QL Lighting: Everest L40-D-011 16ft white series L1199-3-0-35-DRY-STD-XX-XX-0-0-0 (9V CL3-XX-XX-911-XX-XX-0)	Coordinate remote driver location with Architect.	Sergio Dall'wa @ acuitybrands.com
L1D1	Fully recessed normally 4" dia. aperture LED downlight with wide beam distribution, with integral LED light engine, and integral driver.	140W 1500mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (GWB)	Corridor	Acuity-Gotham: EVO 4" Series EV04-35-15-40-XX-180-120-G21		Sergio Dall'wa @ acuitybrands.com
L1D2	Not used									
L1D3	Fully recessed normally 4" dia. aperture LED downlight with medium beam distribution, with integral LED light engine, and integral driver.	140W 1500mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (GWB)	Recessed (GWB)	Acuity-Gotham: EVO 4" Series EV04-35-15-40-XX-180-120-G21		Sergio Dall'wa @ acuitybrands.com
L1D4	Same as L1D3 but lower lumen output	100W 1000mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (GWB)	Recessed (GWB)	Acuity-Gotham: EVO 4" Series EV04-35-15-40-XX-180-120-G21		Sergio Dall'wa @ acuitybrands.com
L1D5	Fully recessed normally 4" dia. aperture LED downlight with medium beam distribution, with integral LED light engine, and integral driver.	20W 2135mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (GWB)	Call. Wash. ap. Lounge	Acuity-Gotham: EVO 4" Series EV04-35-15-40-XX-180-120-G21		Sergio Dall'wa @ acuitybrands.com
L1D6	Fully recessed normally 4" dia. aperture LED downlight with medium beam distribution, with integral LED light engine, and integral driver.	140W 1500mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (GWB)	Washroom	Acuity-Gotham: EVO 4" Shower Series EV04SH-35-15-XX-SMD-120-G21-XX-XX	Recessed lens with partial trim color to be determined by Arch.	Sergio Dall'wa @ acuitybrands.com
L1D7	Same as L1D6 but lower lumen output	100W 1000mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (GWB)	Washroom	Acuity-Gotham: EVO 4" Shower Series EV04SH-35-15-XX-SMD-120-G21-XX-XX	Recessed lens with partial trim color to be determined by Arch.	Sergio Dall'wa @ acuitybrands.com
L1G1	Normally 7.5" dia. aperture in-ground recessed uplight, with asymmetric light distribution, integral LED light engine, and integral driver.	170W 1100mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	In-ground	Main Entrance	Acuity-Gotham: EVO 4" Shower Series EV04SH-35-15-XX-SMD-120-G21-XX-XX	Recessed lens with partial trim color to be determined by Arch.	Sergio Dall'wa @ acuitybrands.com
L1G2	Normally 0.75" x 0.5" small profile upright with polar line surface dip mount on cabinet for task lighting, integral LED tape and remote driver.	50W 354mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Call. Wash. ap. Lounge	Acuity-QL Lighting: Everest L40-D-011 16ft white series L1199-3-0-35-DRY-STD-XX-XX-0-0-0 (9V CL3-XX-XX-911-XX-XX-0)	Coordinate remote driver location with Architect.	Sergio Dall'wa @ acuitybrands.com
L1K1	Fixture to be mounted continuously undercabinet - provide shorter length segment contribution as required to complete continuous run to within 7" of each end. Provide all leader, conductor, and mounting clips as required for complete functional system.	50W 354mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Call. Wash. ap. Lounge	Acuity-QL Lighting: Everest L40-D-011 16ft white series L1199-3-0-35-DRY-STD-XX-XX-0-0-0 (9V CL3-XX-XX-911-XX-XX-0)	Coordinate remote driver location with Architect.	Sergio Dall'wa @ acuitybrands.com
L1K2	15' x 2' profile linear foot light continuous mount, flush-to-ceiling spread distribution with adjustable surface mount bracket, aimed to uplight feature wood ceiling.	7.50W 670mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Washroom	QNA Lighting: ST50-6m-series 5170-50UM-60-0-10V-7.5W-3000K-12000-ELV	Allow alternate pricing as option 2 for exterior lighting (wood ceiling).	Andrew Kozubski @ andrewkozubski.com
L1K3	Normally 1.0' x 0.75' small profile upright with polar line surface dip mount on cabinet for task lighting, integral LED tape and remote driver.	50W 354mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Team Dining Room	Acuity-QL Lighting: Everest L40-D-011 16ft white series L1199-3-0-35-DRY-STD-XX-XX-0-0-0 (9V CL3-XX-XX-911-XX-XX-0)	Coordinate remote driver location with Architect.	Sergio Dall'wa @ acuitybrands.com
L1K4	Fixture to be mounted continuously undercabinet - provide shorter length segment contribution as required to complete continuous run to within 7" of each end. Provide all leader, conductor, and mounting clips as required for complete functional system.	50W 354mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Team Dining Room	Acuity-QL Lighting: Everest L40-D-011 16ft white series L1199-3-0-35-DRY-STD-XX-XX-0-0-0 (9V CL3-XX-XX-911-XX-XX-0)	Coordinate remote driver location with Architect.	Sergio Dall'wa @ acuitybrands.com
L1R1	Normally 3.5" wide aperture by 48 length linear luminaires with flush satin acrylic lens, integral LED light engine and integral dimming driver.	80W 600mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (GWB)	Workarea, Club, Team, Corridor	Acuity-Mark architectural lighting: SMD 4 recessed linear series SL4-LDP-FLP-XX-80CS-30K-800LM-120-XX-2T		Sergio Dall'wa @ acuitybrands.com
L1R2	Same as L1R1 but different mounting	80W 600mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (ACT)	Interview room, Team dining room, East corridor, Hall	Acuity-Mark architectural lighting: SMD 4 recessed linear series SL4-LDP-FLP-XX-80CS-30K-800LM-120-XX-2T		Sergio Dall'wa @ acuitybrands.com
L1R3	Same as L1R1 but higher output	80W 600mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (GWB)	Meeting room	Acuity-Mark architectural lighting: SMD 4 recessed linear series SL4-LDP-FLP-FL-80CS-30K-1000LM-120-XX-2T		Sergio Dall'wa @ acuitybrands.com
L1R4	Not used									
L1R5	Normally 3.5" wide aperture by 48 length linear luminaires recessed in wood ceiling, with flush satin acrylic lens, integral LED light engine and integral dimming driver.	80W 600mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (inter-laminated timber line)	VEST, Corridor (inter-laminated timber line)	Acuity-Mark architectural lighting: SMD 4 recessed linear series SL4-LDP-FLP-XX-80CS-30K-800LM-120-XX-2T		Sergio Dall'wa @ acuitybrands.com
L1R6	Normally 3.5" wide aperture by 48 length linear luminaires recessed in wood ceiling, with flush satin acrylic lens, integral LED light engine and integral dimming driver. Shall be waterproof suitable for use in canopy installation.	80W 600mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (inter-laminated timber line)	Entrance canopy	Acuity-Mark architectural lighting: SMD 4 recessed linear series SL4-LDP-FLP-XX-80CS-30K-800LM-120-XX-2T-WE		Sergio Dall'wa @ acuitybrands.com
L1R7	Normally 3.5" wide aperture by 120 length linear luminaires with flush satin acrylic lens, integral LED light engine and integral dimming driver.	80W 600mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Recessed (ACT)	Call. (over the counter)	Acuity-Mark architectural lighting: SMD 4 recessed linear series SL4-LDP-FLP-XX-80CS-30K-800LM-120-XX-2T		Sergio Dall'wa @ acuitybrands.com
L1R8	Normally 2.5" wide and 48 long linear upright, integral LED light engine and integral driver.	30W 400mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Suspended	Closets, service, elevator room, IT	Acuity-Lithonia Lighting: CSR LED uplight series CSR-A4-03-030D-ANL2-L-5W45-150-80CS with suspended accessory	Fixture suspension height (bottom of fixture to floor) 3.0m A.F. during design stage.	Sergio Dall'wa @ acuitybrands.com
L1R9	Same as L1R8 but different mounting	30W 400mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Storage	Acuity-Lithonia Lighting: CSR LED uplight series CSR-A4-03-030D-ANL2-L-5W45-150-80CS	Fixture suspension height (bottom of fixture to floor) 3.0m A.F. during design stage.	Sergio Dall'wa @ acuitybrands.com
L1R10	Normally 5" wide and 48 long linear upright, integral LED light engine and integral driver.	40W 600mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Suspended	Mechanical room	Acuity-Lithonia Lighting: CSVT Linear LED uplight series CSVT-L48-8000LM-ANL2-L-35-80CS with suspended accessory	Fixture suspension height (bottom of fixture to floor) 3.0m A.F. during design stage.	Sergio Dall'wa @ acuitybrands.com
L1S1	Not used									
L1T1	Normally 2.5" dia. aperture x 4.5" tall outdoor track light, with wide foot light distribution, integral LED light engine and integral dimming driver.	13W 1200mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface (track)	Call. (back)	Acuity-Juno Lighting: 13W LED outdoor track series 8000L-30K-80CS-PDM-MFL-XX	Refer to architectural drawing for track length and configuration required.	Sergio Dall'wa @ acuitybrands.com
L1W1	Wall pack for vehicle entry	40W 750mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Facade	Acuity-Lithonia Lighting: WGE2 LED series WGE2-LED-P1-30K-80CS-140-140T-SRM-XX	Fixture mounting height (center of fixture to floor) 3.0m A.F. during design stage.	Sergio Dall'wa @ acuitybrands.com
L1W2	Wall pack for pedestrian secondary entry	40W 1200mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Facade	Acuity-Lithonia Lighting: WGE2 LED series WGE2-LED-P1-30K-80CS-140-140T-SRM-XX	Fixture mounting height (center of fixture to floor) 3.0m A.F. during design stage.	Sergio Dall'wa @ acuitybrands.com
L1W3	Wall pack for pedestrian secondary entry	40W 2000mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Facade	Acuity-Lithonia Lighting: WGE2 LED series WGE2-LED-P1-30K-80CS-140-140T-SRM-XX	Fixture mounting height (center of fixture to floor) 3.0m A.F. during design stage.	Sergio Dall'wa @ acuitybrands.com
L1W4	Normally 3" dia. aperture x 5" tall wall mount (cove) with medium beam light distribution, integral LED light engine and integral dimming driver.	31W 2000mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Lounge	Acuity-Gotham: 7" EVO wall mount cove series EV07WC-35-20-XX-LSS-MMD-120-120-SB-XX-0L		Sergio Dall'wa @ acuitybrands.com
L1W5	Normally 3" dia. aperture x 5" tall wall mount (cove) with medium beam light distribution, integral LED light engine and integral dimming driver.	31W 2000mA 3000K 40-0-0 LED	ON/OFF	120V	Architect to select from standard options	Surface	Exterior wall, parking structure	Acuity-Gotham: 7" EVO wall mount cove series EV07WC-35-20-XX-LSS-MMD-120-120-SB-XX-0L	Allow alternate pricing as option 2 for exterior lighting (wood ceiling).	Sergio Dall'wa @ acuitybrands.com
L1X1	Directional surface or semi-recessed ceiling or mounted die-cast aluminum profile edge-lit sign, face program edge-lit sign.	3.5W/LED	N/A	120V	N/A	Call. or Wall	FOH	Luminaire: LDE Series	or approved equal	SURFACED MOUNTED
L1X2	Directional surface or semi-recessed ceiling or mounted die-cast aluminum profile edge-lit sign, face program edge-lit sign.	3.5W/LED	N/A	120V	N/A	Call. or Wall	BOH	Luminaire: LDE Series	or approved equal	
L1X3	Directional surface or semi-recessed ceiling or mounted die-cast aluminum profile edge-lit sign, face program edge-lit sign.	3.5W/LED	N/A	120V	N/A	Call. or Wall	BOH	Luminaire: LDE Series	or approved equal	
L1X4	Directional surface or semi-recessed ceiling or mounted die-cast aluminum profile edge-lit sign, face program edge-lit sign.	3.5W/LED	N/A	120V	N/A	Call. or Wall	BOH	Luminaire: LDE Series	or approved equal	

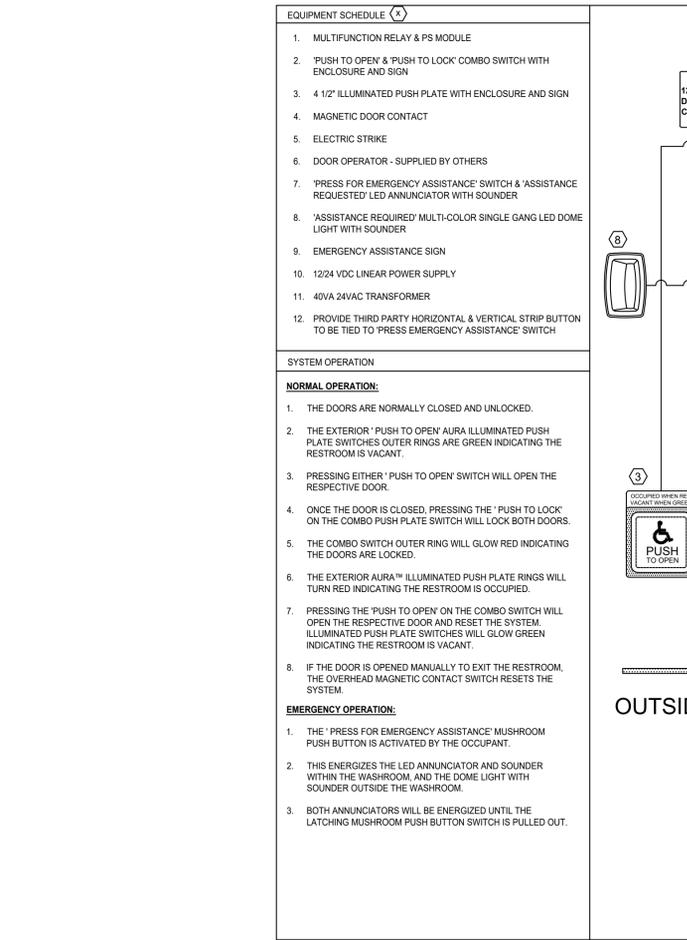
GAME LUMINAIRE FIXTURE SCHEDULE	
E-800.0	SCALE: NTS



4 BUILDING EXTERIOR LIGHTING CONTROL
E-800.1 SCALE: NTS



1 UNIVERSAL RESTROOM KIT
E-800.0 SCALE: NTS



3 UNIVERSAL RESTROOM KIT - 2 DOORS
E-800.0 SCALE: NTS

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

NOTES:

- UNIVERSAL RESTROOM KIT SHALL BE CAMDEN DOOR CONTROLS OR APPROVED EQUAL.
- PROVIDE ALL BACKBOXES FOR DEVICES AS REQUIRED.
- PROVIDE 3/18AWG CU WIRING IN 3/4" UNLESS OTHERWISE NOTED.



WIRE SPECIFICATION	
A	2 X 18 AWG
B	2 X 22 AWG
C	6 X 22 AWG
D	8 X 22 AWG

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

MISCELLANEOUS EQUIPMENT SCHEDULE

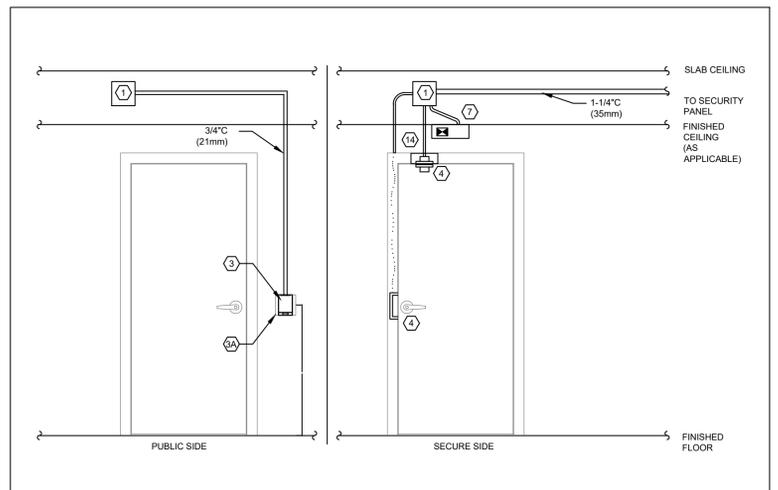
TAG	DESCRIPTION	MANUFACTURER	MODEL	VOLTAGE (V)	MOP (A)	WATTAGE (W)
HD-1	HAND DRYER	DYSON	AIR BLADE V	120V	15A	1000W

1 MISCELLANEOUS EQUIPMENT SCHEDULE
E-801.0 SCALE: N.T.S.

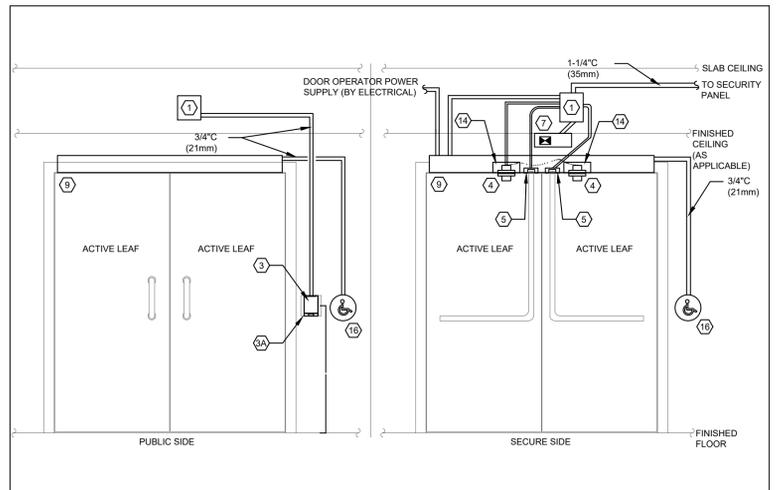
CENTENNIAL PARK FIFA
Lighting Fixture Schedule - Legacy
Project No.: 2024-0112
Issued for tender - 12 December 2024

Type	Luminaire Description	Lamp & Wattage	Control Protocol	Input Voltage	Finish	Mounting	Location	Manufacturer & Catalogue #	Notes	Rep Contact
L02	Low profile LED tape light system with continuous extruded aluminum channel, (clear) encapsulated lens, wet rated, and remote driver. Fixture in upright position in recessed cove.	4W/220mA/1 2000K/80-CRI LED	ON/OFF	120V	NA	Surface (recessed cove)	Team Dressing Room	Acuity-DL lighting: Everalok LALD-encapsulated (10) wide white series L35W14.0-35-ENC-STD-XX-S3-XX-CLS-STD-STD-XX-XX-SST-XX-XX-XX	Coordinate remote driver location with Architect	Sergio DaSilva at Sergio.daSilva@acuitybrands.com
L02	Not used									
L05a	Fully recessed normally 4" dia. aperture LED downlight with medium beam distribution, with integral LED light engine and integral driver. Shower rated.	14W/1000ma 3000K/80-CRI LED	0-10V	120V	Architect to select from standard options	Recessed (GRM)	Washroom	Acuity-Dynalux: EVO 4" Shower downlight (EVO4SH-35-15-XX-80-120-E2) XX-XX	Recessed lens with parkeled trim color to be determined by Arch	Sergio DaSilva at Sergio.daSilva@acuitybrands.com
L05b	Same as L05a but lower beam output	10W/1000ma 3000K/80-CRI LED	0-10V	120V	Architect to select from standard options	Recessed (GRM)	Washroom	Acuity-Dynalux: EVO 4" Shower downlight (EVO4SH-35-15-XX-80-120-E2) XX-XX	Recessed lens with parkeled trim color to be determined by Arch	Sergio DaSilva at Sergio.daSilva@acuitybrands.com
L03	Normally 1.0" x 0.70" small profile straight with polar lens surface dip mount up cabinet for bank lighting, integral LED tape and remote driver. Fixtures to be mounted continuously under-sill - provide shorter length segment contribution as required to complete continuous run to within 2" of each end. Provide all-fixture, connector, and mounting idea as required for complete functional system.	50W/250mA/1 3000K/80-CRI LED	ON/OFF	120V	NA	Surface	Team Dressing Room, Change Room	Acuity-DL lighting: Everalok OPT1 40 degree bank white series 892411 5-DRY-35-80-80-XX-XX-XX	Coordinate remote driver location with Architect. Provide valence of 1.0"x1.0" to register light.	Sergio DaSilva at Sergio.daSilva@acuitybrands.com

Notes:
All fixture lumen values shown in schedule are "nominal" lumen based on fixture cabinet information. Lumen value noted with an asterisk (*) denotes "delivered" spec to the fixture with various finish, detail, etc. selected based on E-S file data.
Refer to lighting fixture submittal packages for future image and additional information.
Fixtures not automatically approved when listed as "approved equal" with no catalogue number. Manufacturer must provide specification information (cutsheet, installation etc) and lighting calculation (if required) to prove fixture satisfies the fixture construction and performance requirements per original specification.
OR
*Where "or approved alternate" 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 LEED requirements that original specification has already met.



4 SINGLE DOOR W/ READER IN, ELECTRIC STRIKE
E-801.0 SCALE: N.T.S.

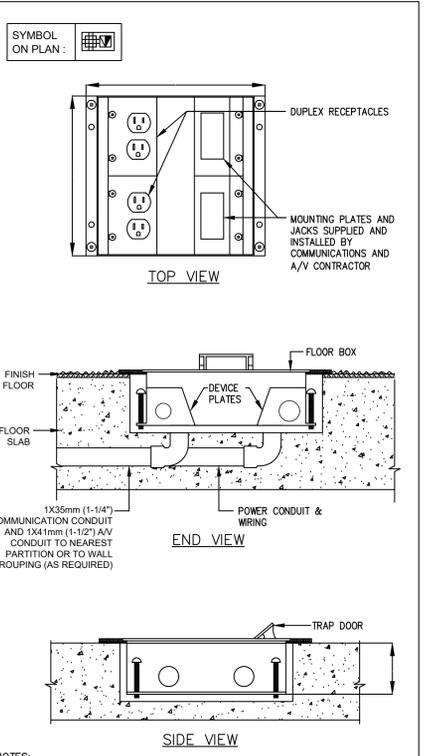


5 DOUBLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE
E-801.0 SCALE: N.T.S. HEADER MOUNT STRIKE

DOOR LEGEND & MATERIALS

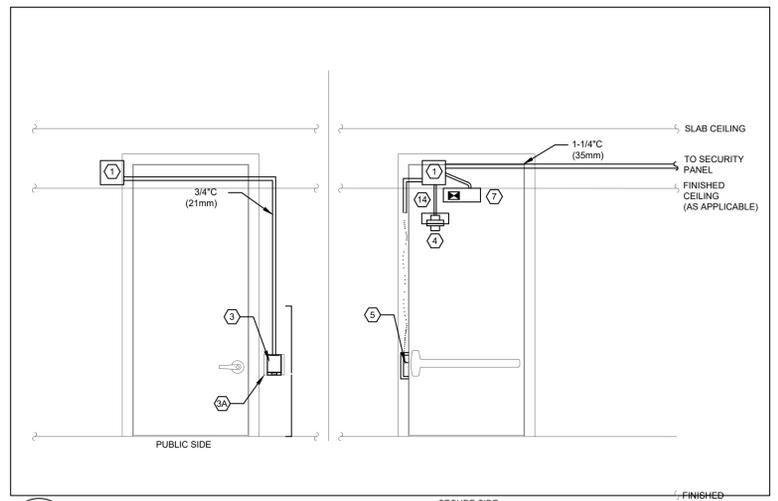
- | | | |
|---|---|--|
| 1 SECURITY JUNCTION BOX ON SECURE SIDE OF DOOR (BY ELECTRICAL) | 11 SINGLE GANG LATCHING DURESS | 17 CABLE INSIDE DOOR FRAMES/DOORS |
| 2 MAGNETIC LOCK | 12 MANUAL FIRE ALARM PULL STATION C/W AUXILIARY CONTACTS (BY FIRE ALARM CONTRACTOR) | 18 CONDUIT INSTALLED IN WALL SPACE |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

2 LEGACY LUMINAIRE FIXTURE SCHEDULE
E-801.0 SCALE: N.T.S.

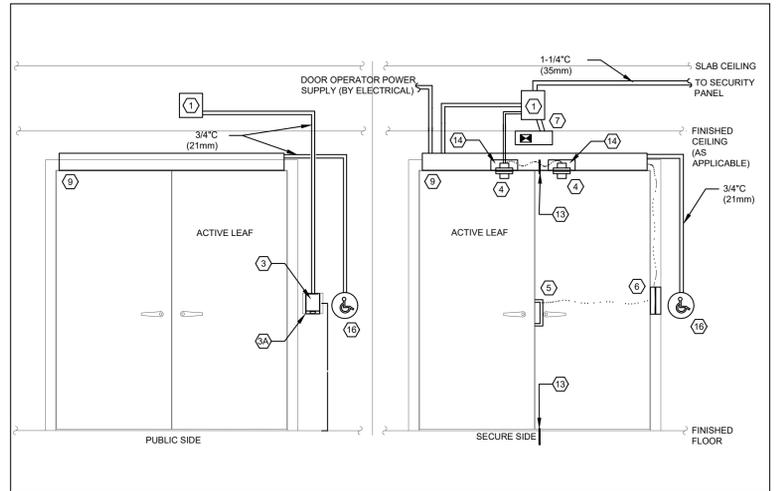


- NOTES:**
- FLOOR BOX SHALL BE LEGRAND WIREMOLD 4-GANG RFB4 SERIES RECESSED RECTANGULAR FLOOR BOX FOR CONCRETE APPLICATIONS (PART# RFB4R30G).
 - FLOOR BOX TO BE BLACK FINISH
 - FLOOR BOX TO BE SUITABLE FOR SLAB ON-GRADE INSTALLATION.
 - PROVIDE 1XRFB4DEC (DECORATOR DEVICE PLATE) FOR COMMUNICATIONS AND 1XRFB4EC FOR AV REQUIREMENTS. REFER TO COMMUNICATIONS AND A/V DRAWINGS FOR COORDINATION. PROVIDE ALL NECESSARY FITTINGS, REDUCERS, ADAPTERS (AS REQUIRED) TO ACCOMMODATE COMMS AND A/V CONDUITS AS SHOWN.

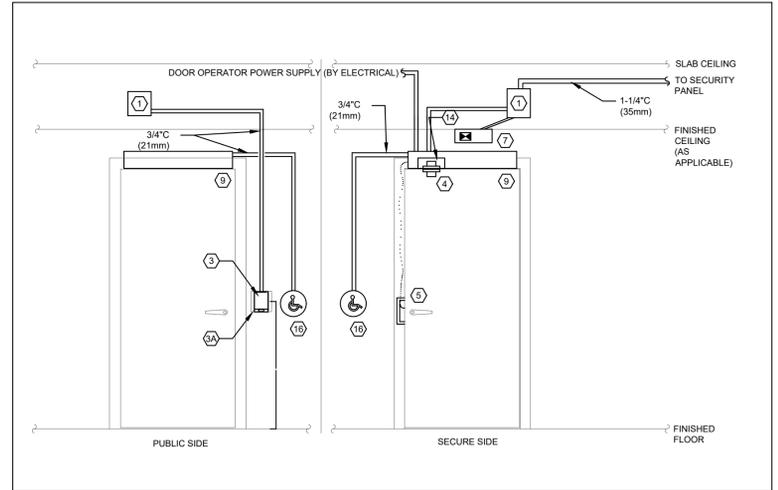
3 FLOOR BOX DETAIL
E-801.0 SCALE: N.T.S.



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.



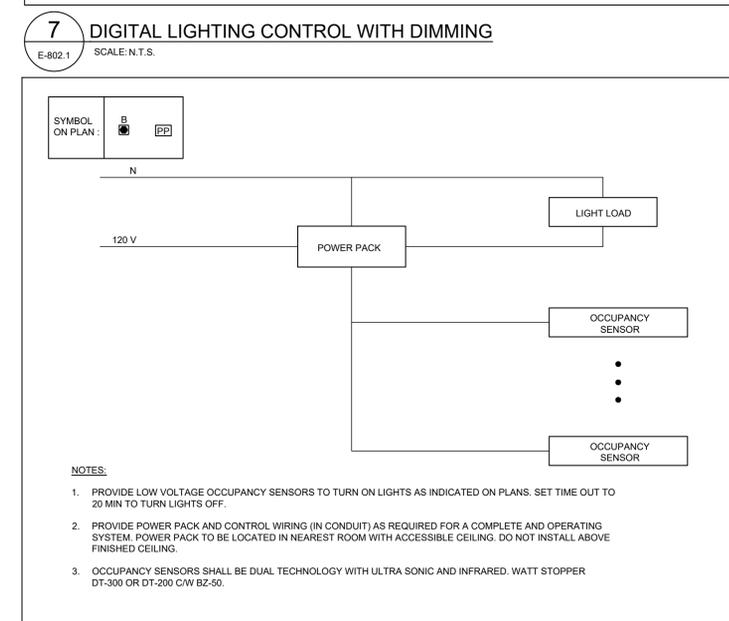
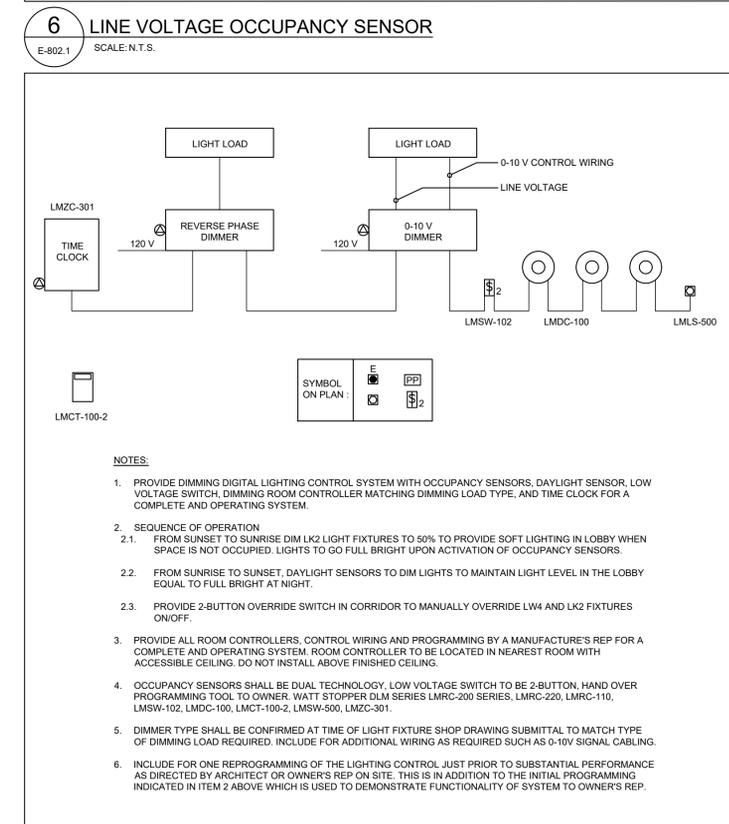
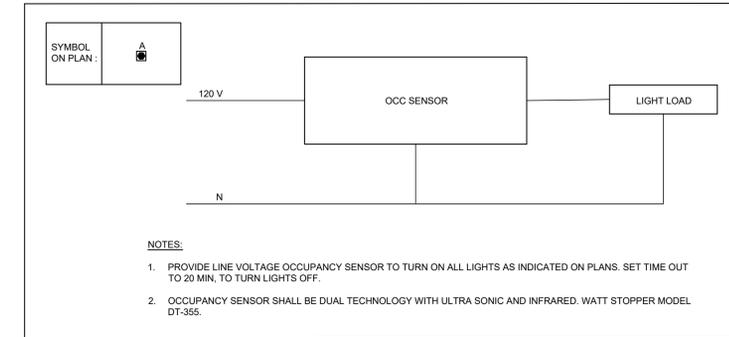
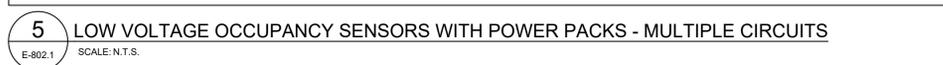
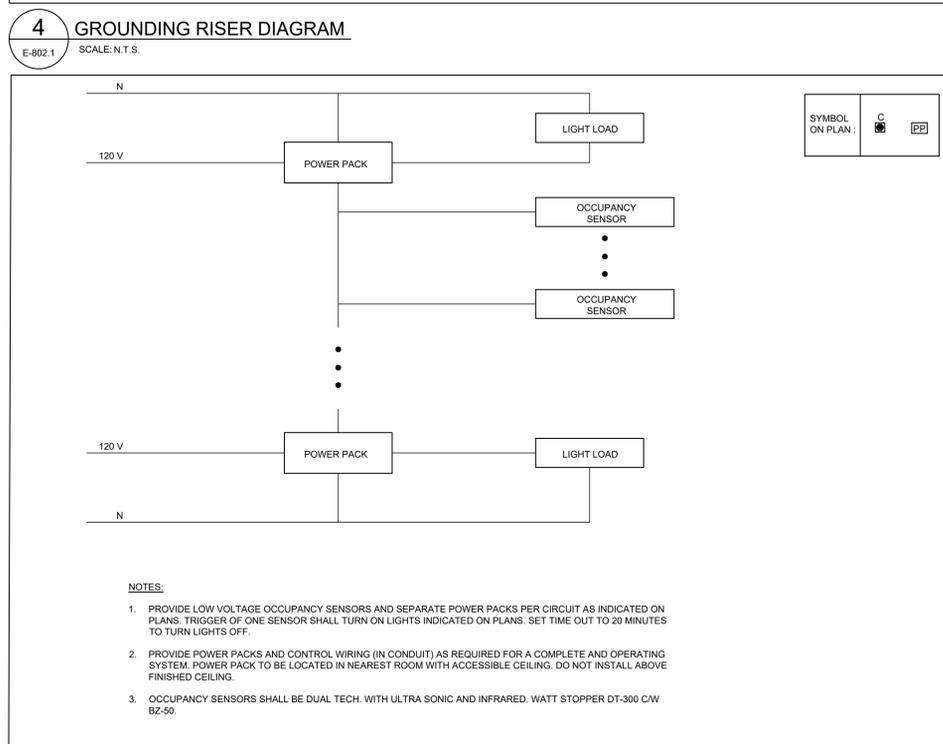
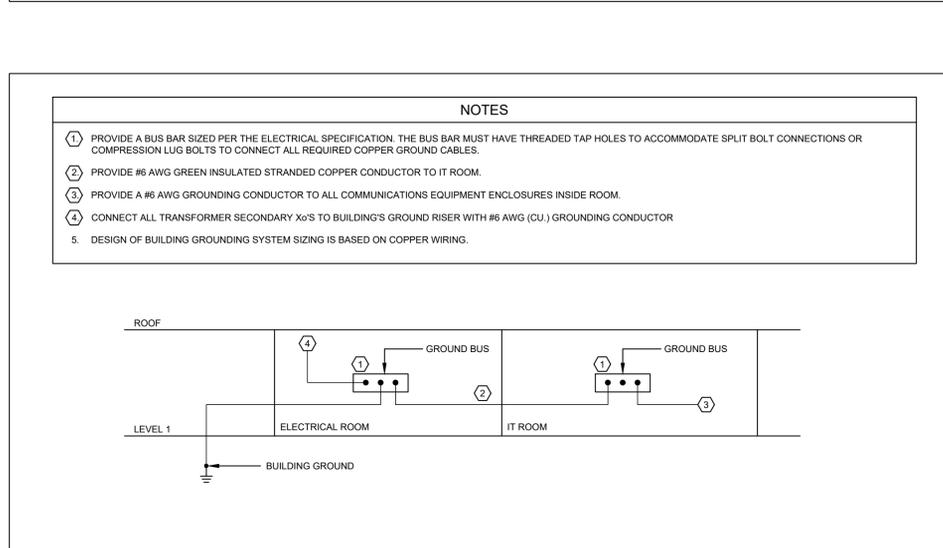
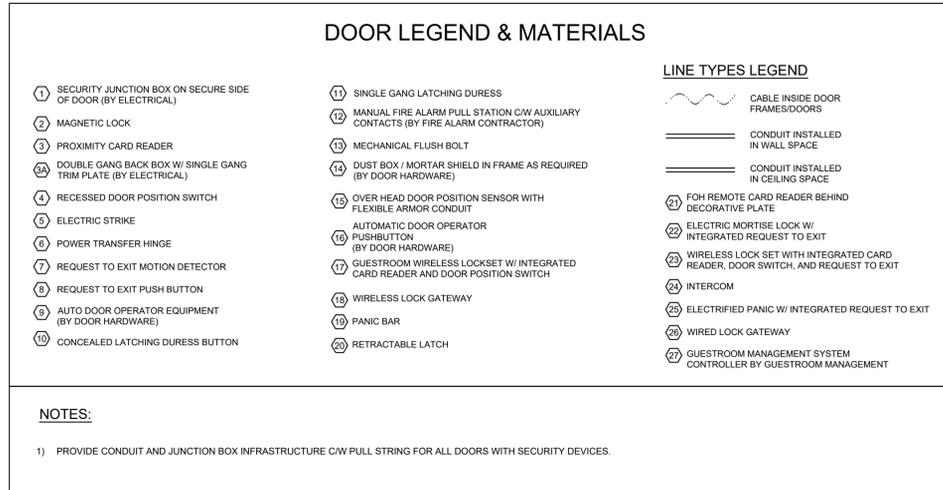
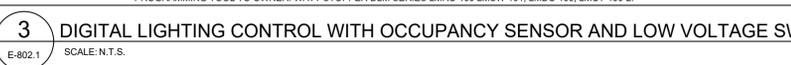
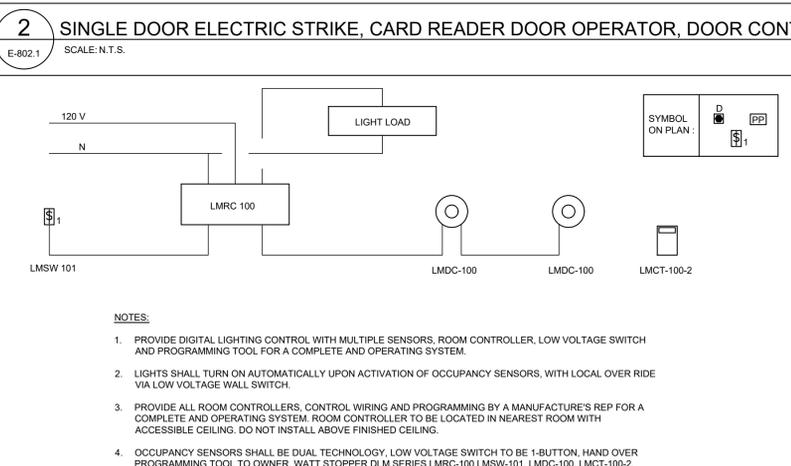
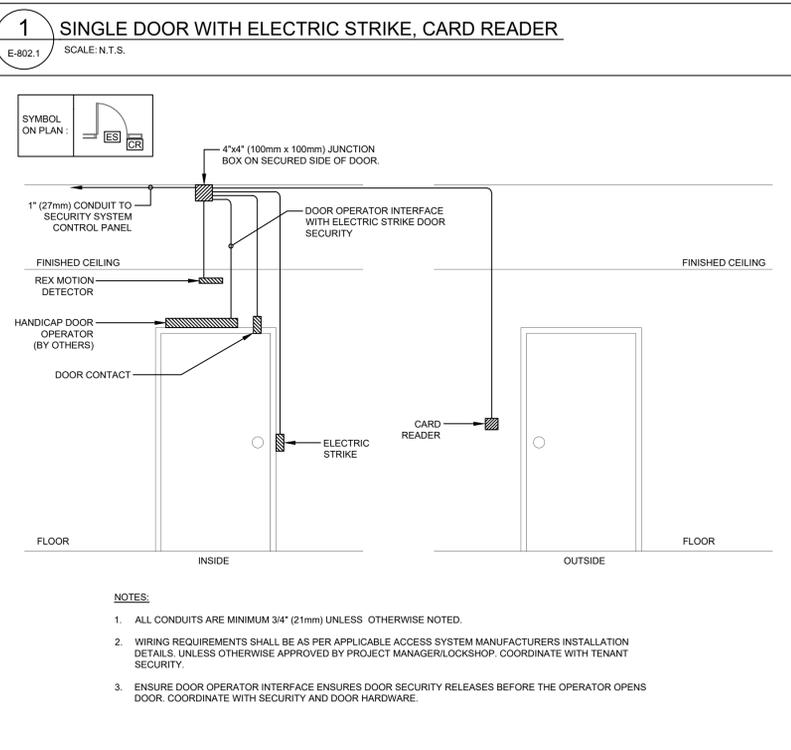
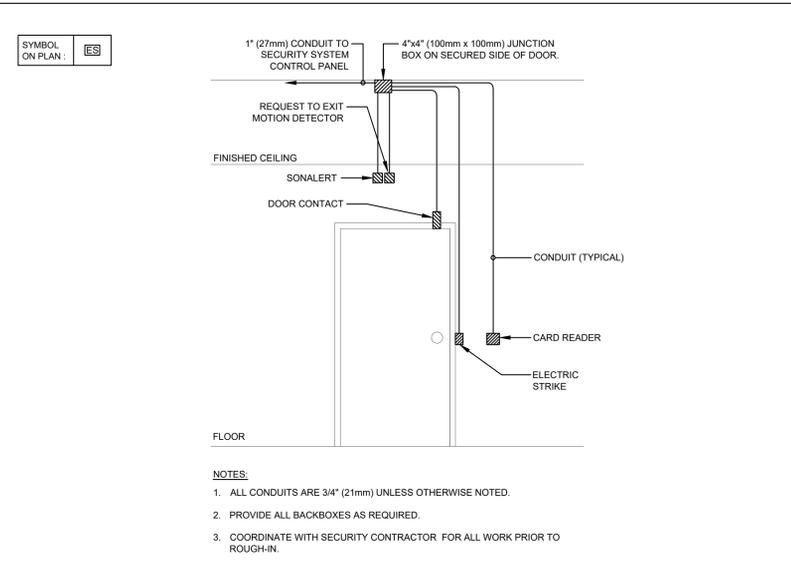
8 SINGLE DOOR W/ READER IN, BARRIER FREE, ELECTRIC STRIKE
E-801.0 SCALE: N.T.S.

general notes:

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- Drawings are not to be scaled for construction. Contractor to verify all existing conditions and dimensions required to perform the Work and report any discrepancies with the Contract Documents to the Architect before commencing work.
- 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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ISSUED FOR ADDENDUM NO 1 2024.12.18
 ISSUED FOR TENDER 2024.11.08
 revision date

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.:

general notes :

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LIGHTING LEGEND		EXISTING DEVICES ARE TONED :
	2' x 2'	LED/FLUORESCENT 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
		DOUBLE HEAD
		TRIPLE HEAD
		MULTI-HEAD - RECESSED OR CEILING MOUNTED
		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
		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, S - VARIABLE SPEED
		DENOTES DIMMER SWITCH. TAG # INDICATES SWITCH TYPE/ACCESSORIES. 3" - 3-WAY DIMMER, 4" - 4-WAY DIMMER, LV - LOW VOLTAGE DIMMER
		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
		POWER PACK
ABBREVIATIONS:		
AFI - ARC FAULT INTERRUPTER	AF - ABOVE FINISHED FLOOR	
AF - AMPS FRAME	AT - AMPS TRIP	
AV - AUDIO/VISUAL DEVICE	(C) DEDICATED CIRCUIT	
CH - COUNTER HEIGHT, 12" OR AS NOTED	CHP - CHILD PROOF	
CLG - CEILING	CP - CONSOLIDATION POINT	
DW - DISHWASHER	EXP - EXPLOSION PROOF	
GFI - GROUND FAULT INTERRUPTER	GFCI - GROUND FAULT CURRENT INTERRUPTER	
GND - GROUND	GSB - GYPSUM WALL BOARD	
HK - HOUSE KEEPING	HP - HOSPITAL GRADE	
IDF - INTERMEDIATE DISTRIBUTION FRAME	IG - ISOLATED GROUND	
K - KEY OPERATED	MCS - MULTIMEDIA COMMUNICATION SYSTEM	
MDF - MAIN DISTRIBUTION FRAME	MH - MANHOLE	
MM - MULTIMODE	MW - MICROWAVE	
(N) - NORMAL CIRCUIT	NIC - NOT IN CONTRACT	
NL - NIGHT LIGHT	OIH - OVERHEAD	
PBX - PRIVATE BRANCH EXCHANGE	PR - PAIR	
R - TO BE REMOVED	RE - TO BE RELOCATED	
RL - RELOCATED POSITION	RF - REFRIGERATOR	
RA - RETURN AIR	S/A - SUPPLY AIR	
(SC) - SEPARATE CIRCUIT	SG - SINGLE GANG	
SM - SINGLE MODE	SS - STAINLESS STEEL	
TEMP - TEMPORARY	TGBB - TELECOM GROUNDING BUSBAR	
TL - TWIST LOCK	TSER - TELECOM SERVICE ENTRANCE ROOM	
TR - TAMPER RESISTANT	TR - TYPICAL	
UG - UNDERGROUND	UIS - UNDERSIDE	
UN - UNLESS OTHERWISE NOTED	UPS - UNINTERRUPTIBLE POWER SUPPLY	
UTP - UNSHIELDED TWISTED PAIR	WAP - WIRELESS ACCESS POINT	
WG - WIRE GUARD	WW - WATERWAY	
WP - WEATHER PROOF	WT - WATER TIGHT	

ELECTRICAL LEGEND		EXISTING DEVICES ARE TONED :
	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 (ie: FIRE, COMMS etc.) - SURFACE MOUNTED	
	UTILITY PANEL/CABINET (ie: 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	
	SINGLE TWISTLOCK RECEPTACLE - FLOOR 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	

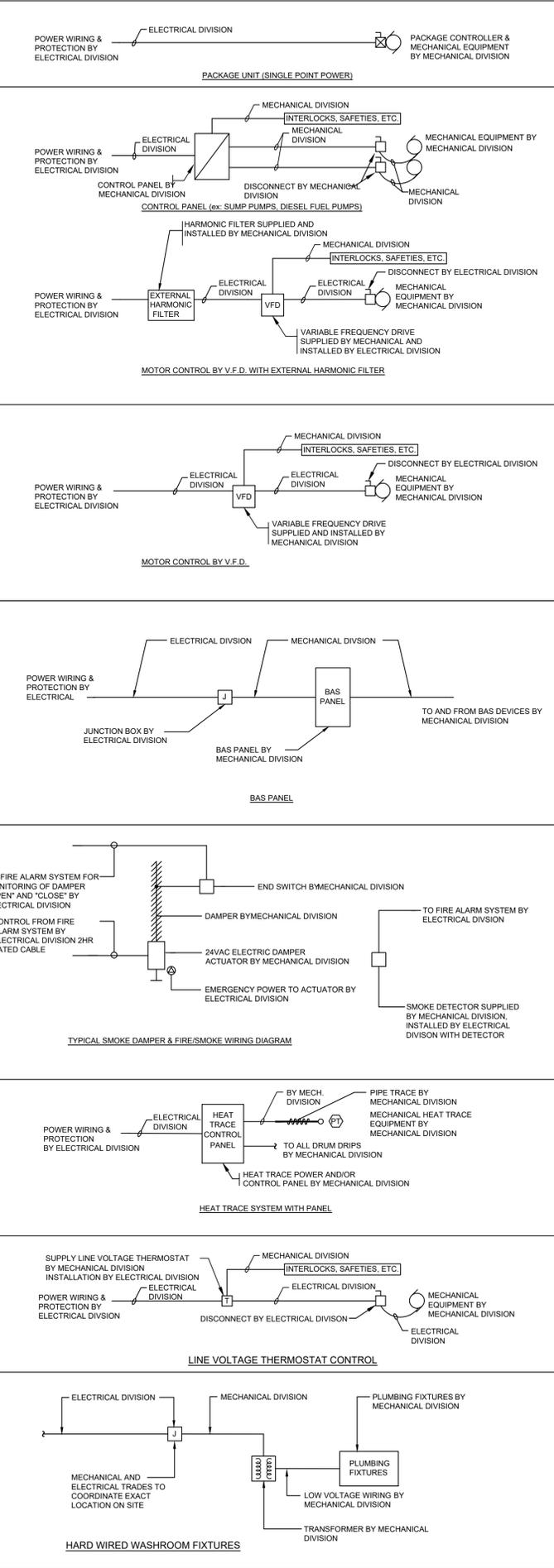
MISCELLANEOUS LEGEND		EXISTING DEVICES ARE TONED :
	REFER TO KEYNOTE NOTE NUMBER	
	REFER TO DETAIL NOTE NUMBER	
	DENOTES EXISTING DEVICE(S), WIRING OR CONDUIT TO BE 'REMOVED'	
	DENOTES MATCHLINE	
	DENOTES CROSS SECTION DETAIL CALL OUT	
	DENOTES DETAIL CALL OUT	
	DENOTES MECHANICAL EQUIPMENT TAG	
	DENOTES 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 "F" 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 "F" 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
	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	MOTION DETECTOR - SECURITY
	CEILING	
	WALL	GLASS BREAK SENSING DEVICE
	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)

ELECTRICAL DRAWINGS LIST:	
DWG. No.	DRAWING TITLE
E-000.1	ELECTRICAL LEGEND AND DRAWING LIST
E-001.1	GENERAL NOTES & SCOPE OF WORK
E-100.1	SITE PLAN

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	S			I		
AV WIRE AND CABLE	S&I					
AV WIRE AND CABLE TERMINATION	S&I					
POWER				S&I		
POWER FOR AV EQUIPMENT				S&I		
AV RACK POWER DISTRIBUTION	S&I					
EQUIPMENT BACKING AND SUPPORT						
STRUCTURAL SUPPORT FOR AV EQUIPMENT		C	S&I			
SUPPLEMENTARY SUPPORT HARDWARE, UNISTRUT, CUSTOM FRAMES, ETC.		S&I				
TELECOMMUNICATIONS NETWORK AND HARDWARE						
NETWORK CABLE & CONNECTIONS					S&I	
NETWORK HARDWARE					S&I	
SPECIALTY NETWORK SWITCHES & HARDWARE REQUIRED FOR AV						S&I
TABLE BOXES FOR AV EQUIPMENT						S&I
LIFE SAFETY						
FIRE ALARM CABLING AND CONNECTION POINT TO AV LOCATIONS				S&I		
CONNECTION TO FIRE ALARM SYSTEM				S&I		

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.



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



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.



ISSUED FOR ADDENDUM NO 1 2024.12.18
 ISSUED FOR ESA 2024.11.14
 ISSUED FOR TENDER 2024.11.08
 revision

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

GENERAL NOTES & SCOPE OF WORK

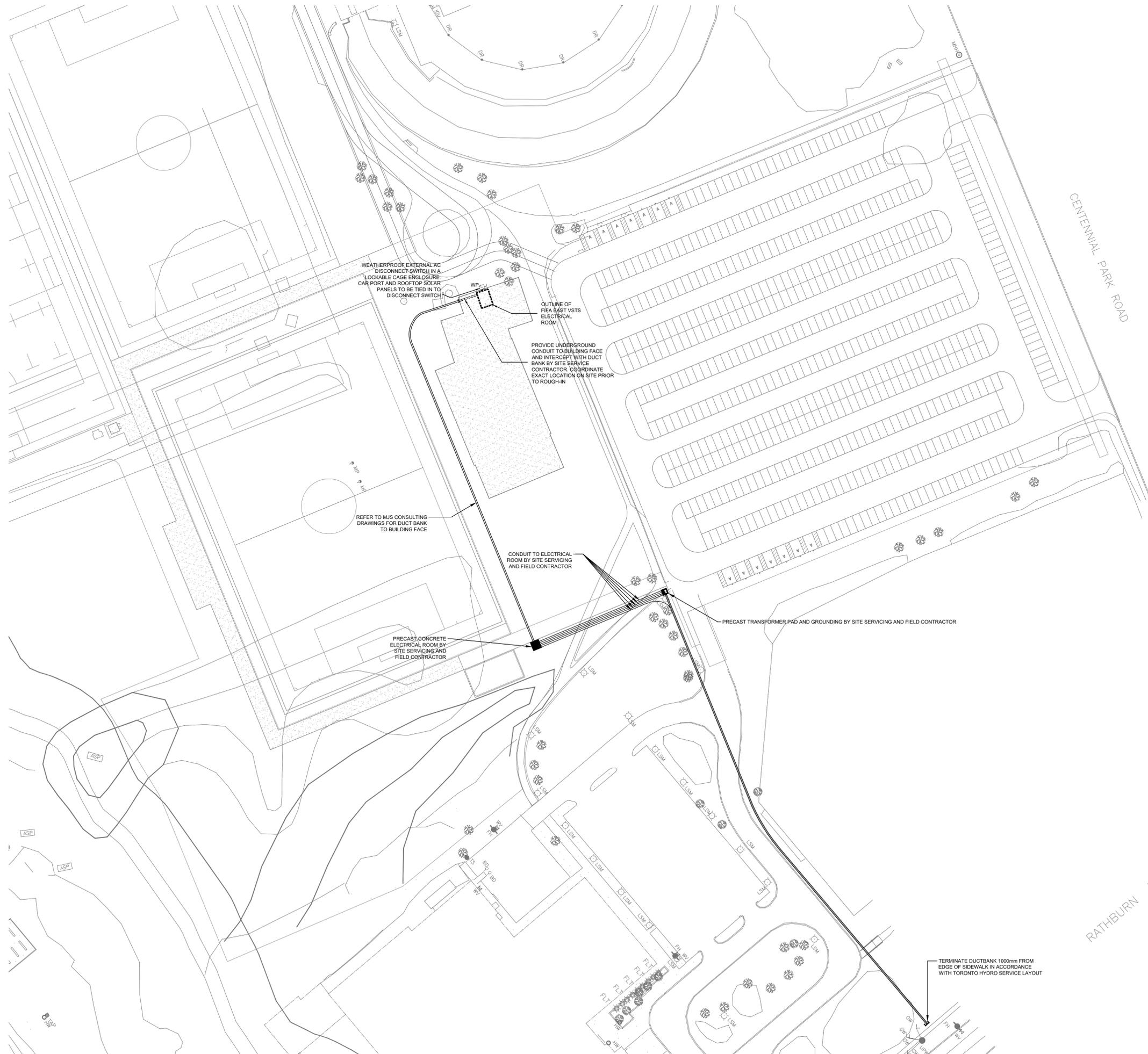
project no.: 2024-0112
 scale: N.T.S.

date:

drawing no.:

general notes:

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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

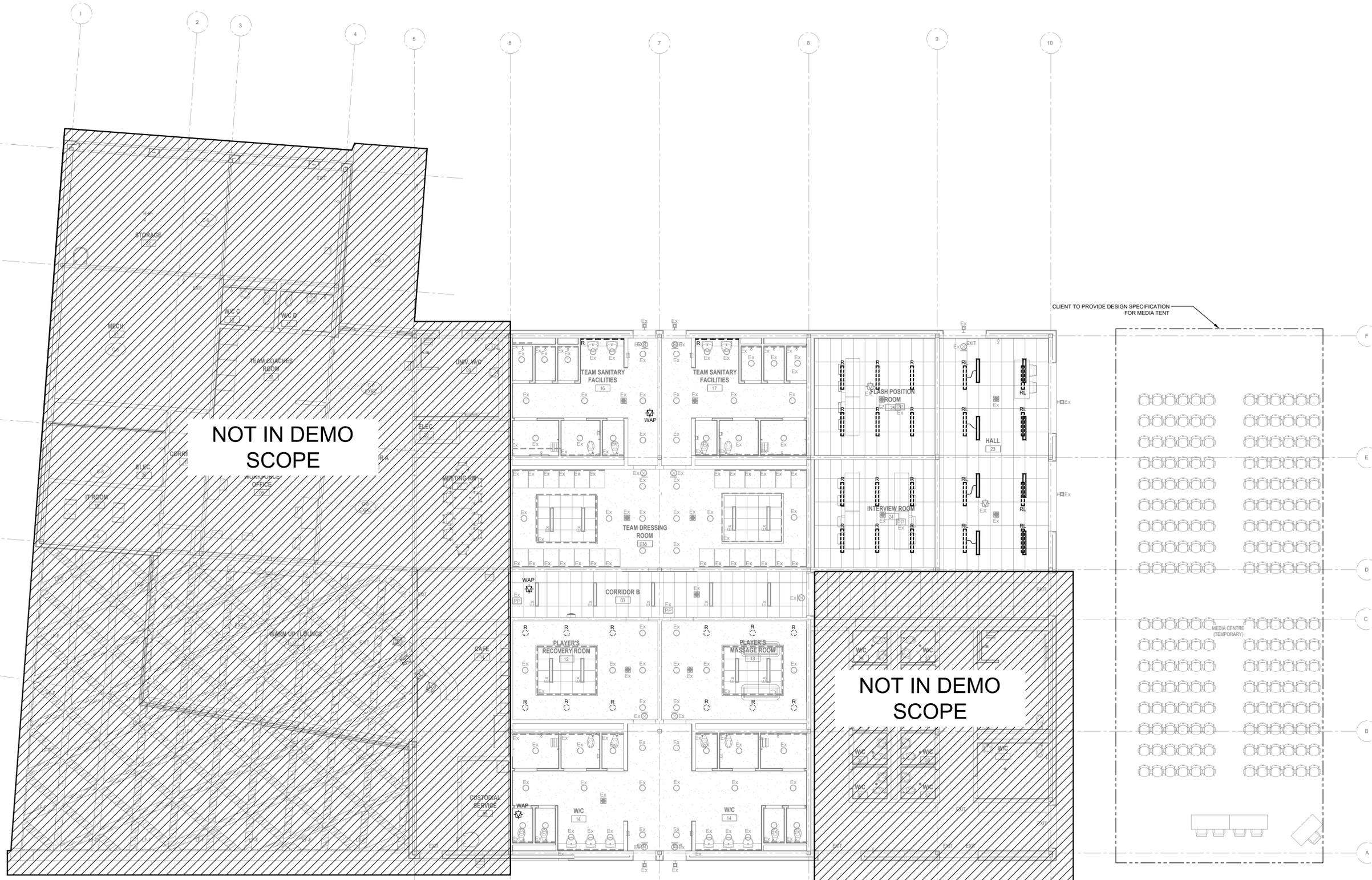


FIFA - EAST VSTS CENTENNIAL PARK
 Address: 56 Centennial Park Rd, Toronto, ON
SITE PLAN

project no.: 2024-0112
 scale: 1:500
 date:
 drawing no.:

general notes:

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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:

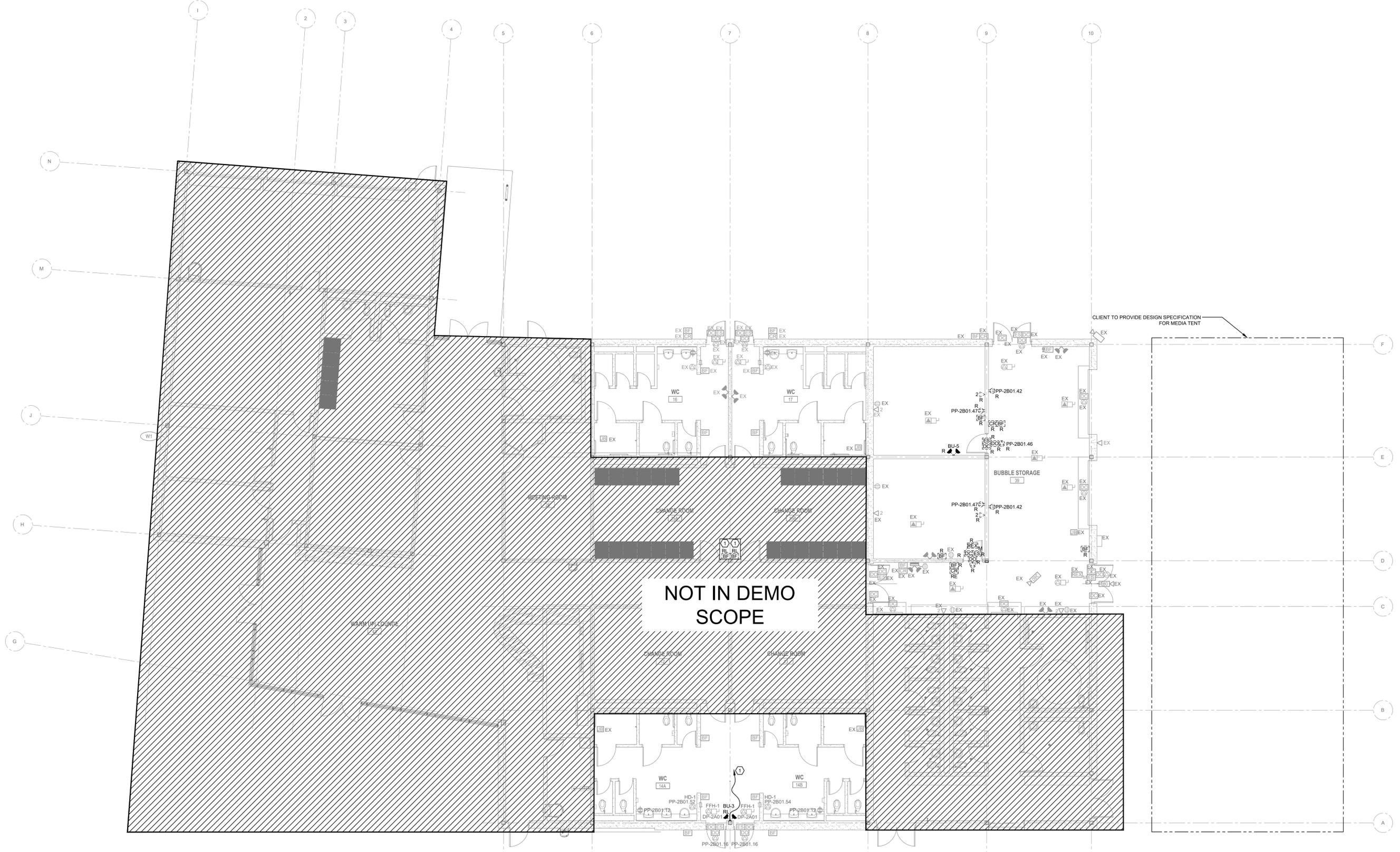
drawing no.:

ED-200.1

NOTES
 ① DEVICES TO BE RELOCATED TO NEW LOCATION ON LEGACY DRAWINGS.
 SEE DRAWING E-302.1 FOR DETAILS.

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ISSUED FOR PROGRESS	2024.07.30



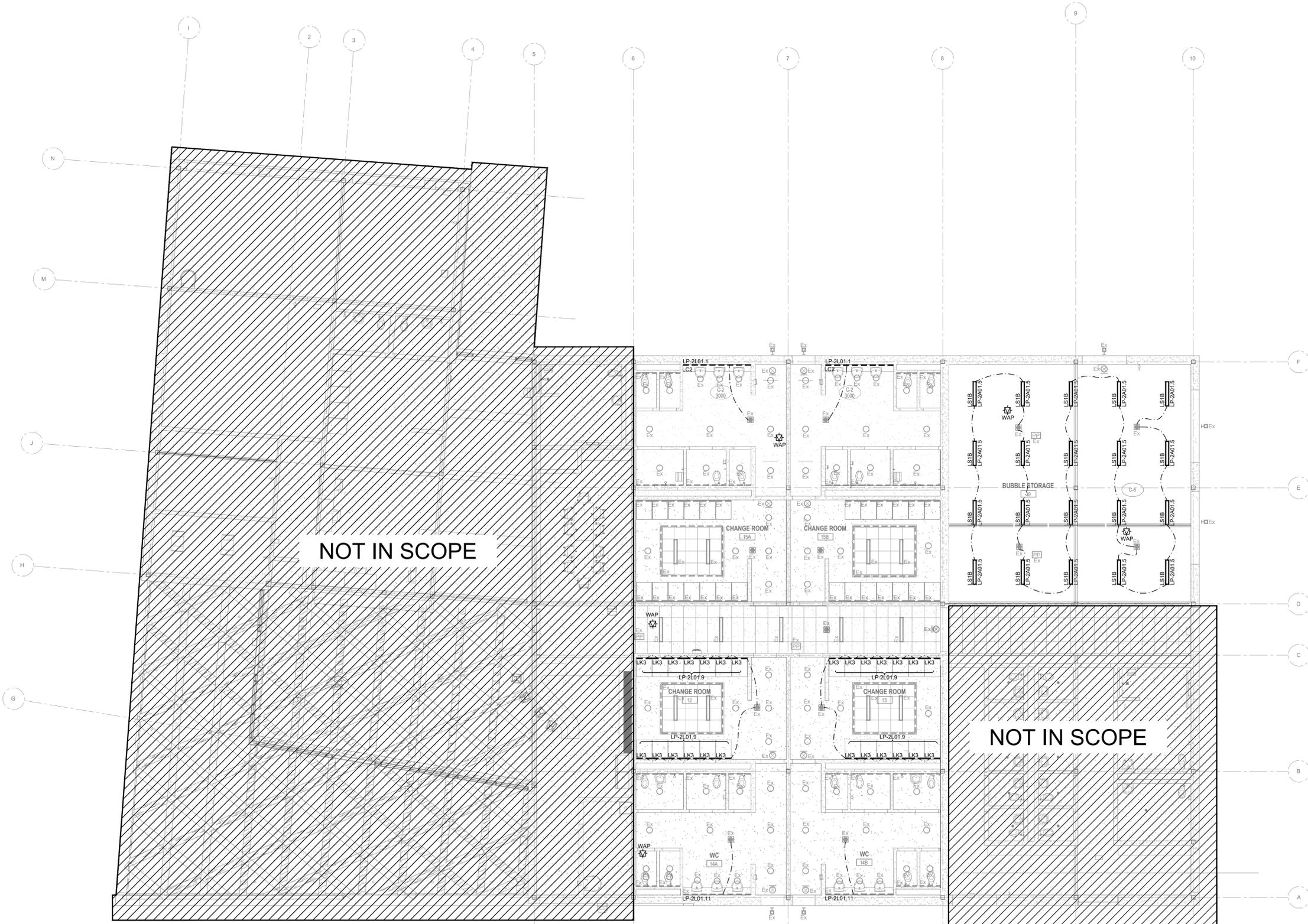
FIFA - EAST VSTS CENTENNIAL PARK
 Address: 56 Centennial Park Rd, Toronto, ON
DEMOLITION FLOOR PLAN - GAME TO LEGACY

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

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- 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.



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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

**REFLECTED CEILING PLAN -
LEGACY LIGHTING LAYOUT**

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

drawing no.:

general notes:

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ISSUED FOR COORDINATION	2024.05.31
revision	0000

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

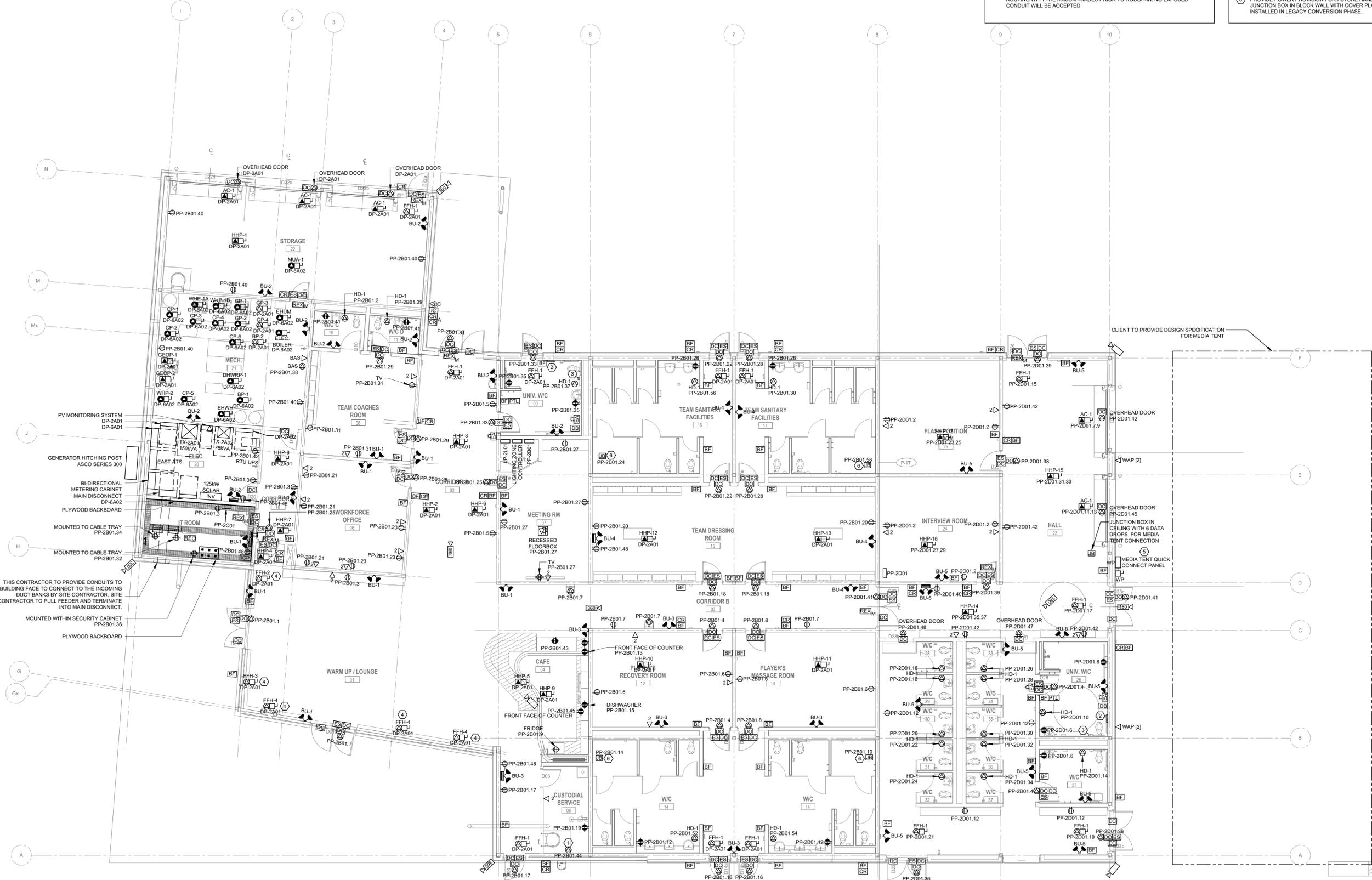
FLOOR PLAN - GAME POWER & SYSTEMS

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

E-300.1

- GENERAL NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND DOCUMENTS
 - REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR FINAL DEVICE LOCATIONS. COORDINATE ALL LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION
 - COORDINATE FINAL MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL CONTRACTOR ON SITE
 - ALL RECEPTACLES SHALL BE CLEARLY LABELED WITH PANEL DESIGNATION AND CIRCUIT NUMBER FOLLOWING FINAL INSTALLATION
 - CONDUITS SHALL BE RUN IN CONCRETE MASON UNIT. COORDINATE ROUTING WITH THE MASON TRADES PRIOR TO ROUGH-IN. NO EXPOSED CONDUIT WILL BE ACCEPTED

- NOTES**
- ELECTRICAL CONNECTION TO SUPPLY HEAT TRACING TO GROUND FLOOR AND BELOW-GRADE PIPES GOING TO OUTSIDE BOTTLE FILLER
 - PROVIDE HORIZONTAL STRIP PANIC BUTTON TO BE TIED TO UNIVERSAL WASHROOM EMERGENCY ASSISTANCE SWITCH.
 - PROVIDE VERTICAL STRIP PANIC BUTTON TO BE TIED TO UNIVERSAL WASHROOM EMERGENCY ASSISTANCE SWITCH.
 - ELECTRICAL CONTRACTOR TO COORDINATE POWER CONNECTION TERMINATION WITH MECHANICAL CONTRACTOR.
 - QUICK CONNECT PANEL SHALL BE BY ASCO.
 - PROVIDE POWER PROVISION FOR FUTURE HAND DRYER IN A RECESSED JUNCTION BOX IN BLOCK WALL WITH COVER PLATE. HAND DRYER TO BE INSTALLED IN LEGACY CONVERSION PHASE.



THIS CONTRACTOR TO PROVIDE CONDUITS TO BUILDING FACE TO CONNECT TO THE INCOMING DUCT BANKS BY SITE CONTRACTOR. SITE CONTRACTOR TO PULL FEEDER AND TERMINATE INTO MAIN DISCONNECT.

MOUNTED WITHIN SECURITY CABINET
PLYWOOD BACKBOARD

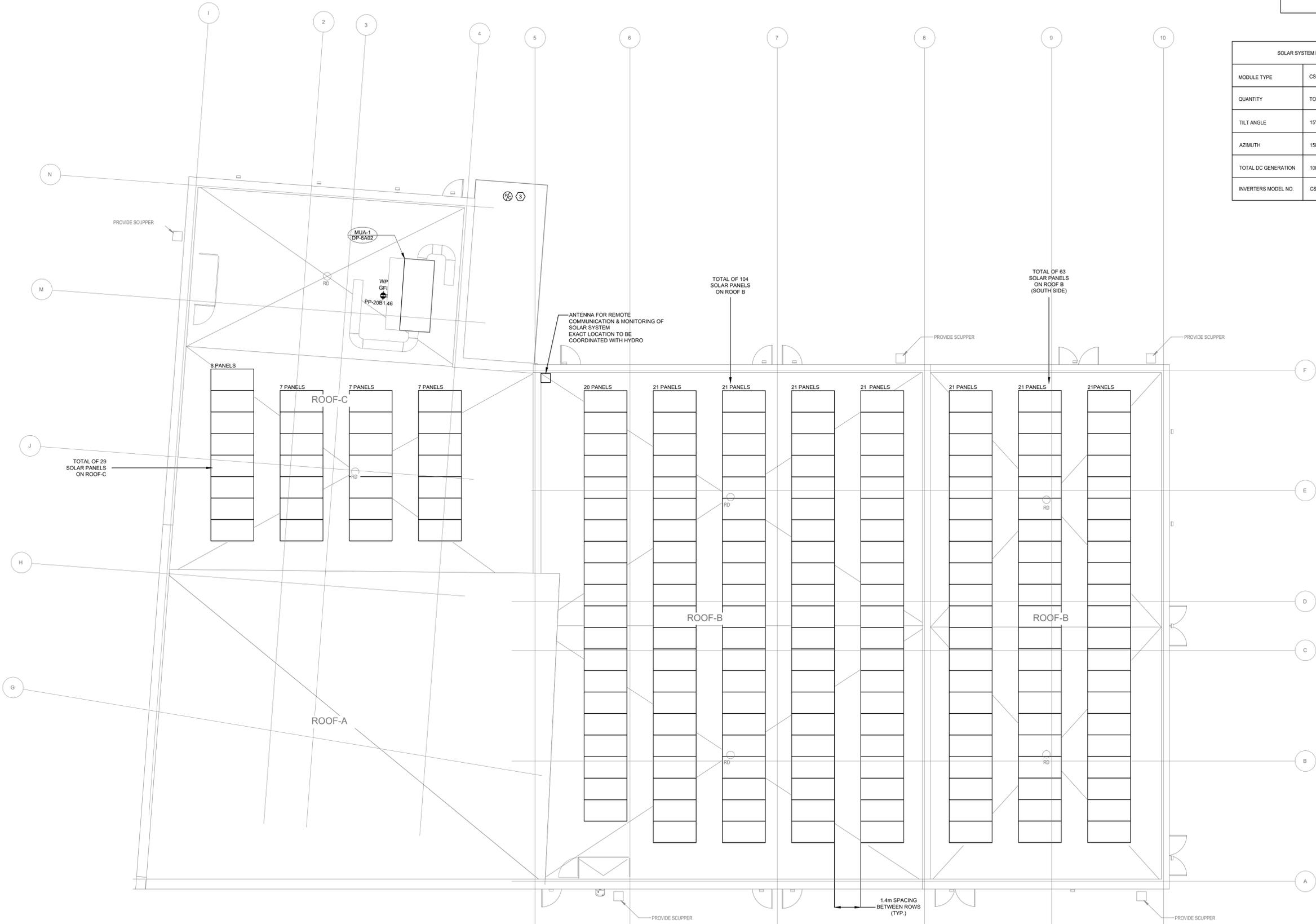
CLIENT TO PROVIDE DESIGN SPECIFICATION FOR MEDIA TENT

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- NOTES
- PROVISIONS FOR SOLAR PANELS TO BE LOCATED ON ROOFTOP.
 - 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.
 - EXTERIOR LIGHTING TO BE CONTROLLED BY PHOTOCELL & DIGITAL SWITCH. REFER TO DETAIL 4/E-800.1 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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ISSUED FOR CLASS C COSTING	2024.06.28
ISSUED FOR COORDINATION	2024.05.31



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

ROOF PLAN

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

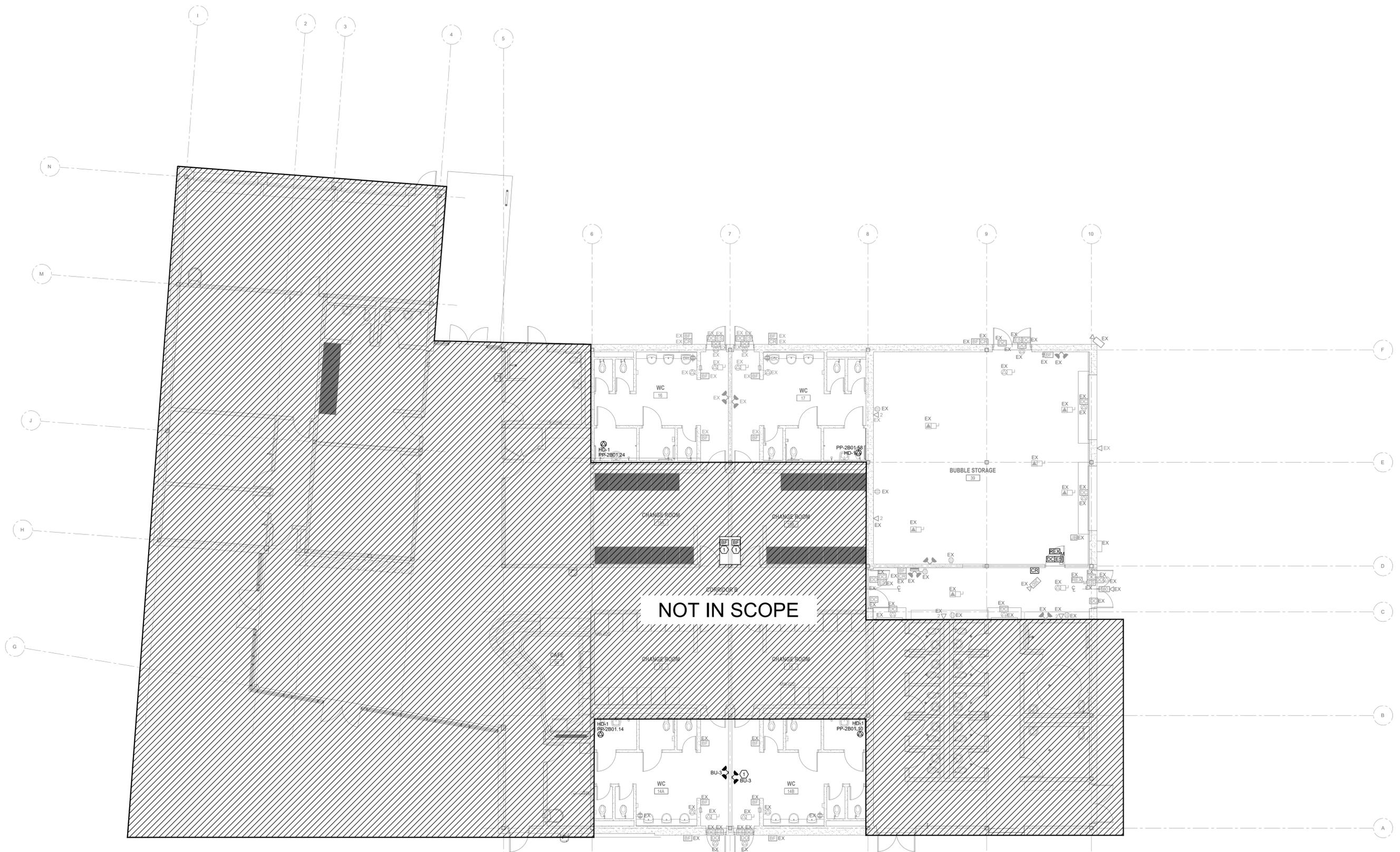
NOTES
 Ⓛ DEVICE TO BE RELOCATED FROM LOCATION INDICATED ON DEMO PLAN ED-300.

CHERIENG ARCHITECT INC.
 www.cherieng.com
 t. 416.898.1979

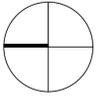
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THEHIDIGROUP
 155 Gordon Baker Road, Suite 200
 Toronto, ON M2H 3N5 Canada
 t. 416 364 2100 | HIDI.com



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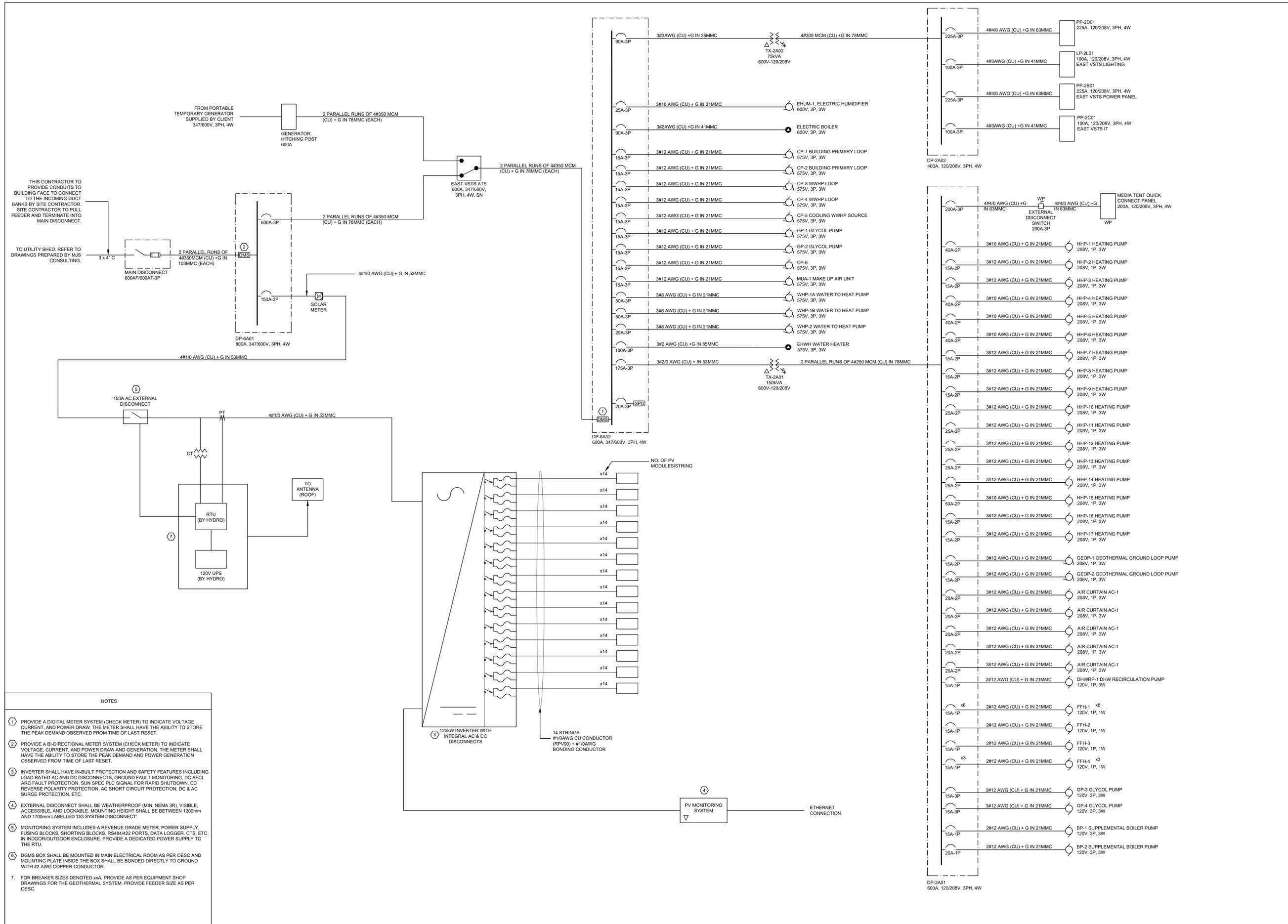
FIFA - EAST VSTS CENTENNIAL PARK
 Address: 56 Centennial Park Rd, Toronto, ON
FLOOR PLAN - LEGACY POWER & SYSTEMS

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

E-302.1

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revision	0000

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

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

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ISSUED FOR COORDINATION	2024.05.31
ISSUED	ISSUED

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

SCHEDULES

project no. : 2024-0112
scale : N.T.S.
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		3	575	3	3.9		15										15A/3P	3#12AWG (CU) +G IN 21mmC		
GP-2	MPH GLYCOL	MECH ROOM		3	575	3	3.9		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/1P	2#12AWG (CU) +G IN 21mmC		
GP-4		MECH ROOM		0.4	120	1	4.7		15										15A/1P	2#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			575	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	9.3	11.6	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	8.3	9.7	15										15A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-9	HEAT PUMP - CAFE	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	14.3	17.2	25										25A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-11	HEAT PUMP - MASSAGE ROOM	CEILING SPACE			208	1	14.3	17.2	25										25A/2P	3#12AWG (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	14.3	17.2	25										25A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-14	HEAT PUMP - CORRIDOR	CEILING SPACE			208	1	14.3	17.2	25										25A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-15	HEAT PUMP - HALL	CEILING SPACE			208	1	25.8	30.8	50										50A/2P	3#10AWG (CU) +G IN 21mmC		
HHP-16	HEAT PUMP - INTERVIEW	CEILING SPACE			208	1	5.1	6.2	15										15A/2P	3#12AWG (CU) +G IN 21mmC		
HHP-17	HEAT PUMP - FLASH POSITION	CEILING SPACE			208	1	5.1	6.2	15										15A/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		

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

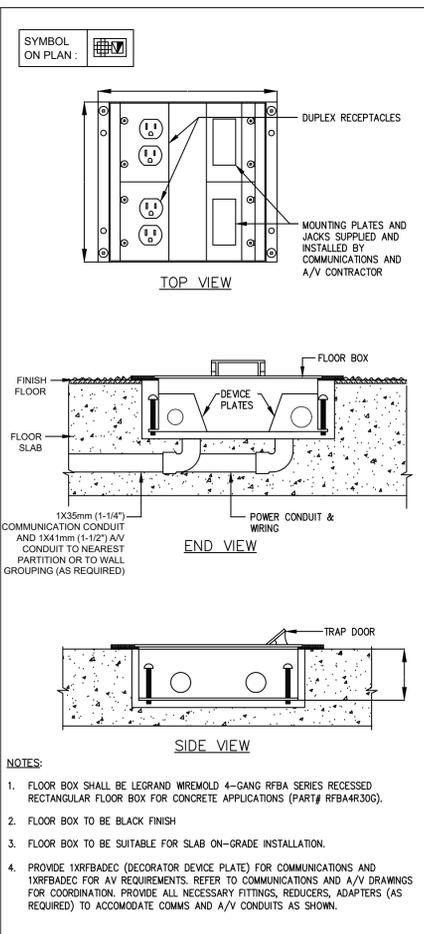
E-801.1 SCALE: N.T.S.

Type	Luminaire Description	Lamp & Wattage	Control Protocol	Input Voltage	Finish	Mounting	Location	Manufacturer & Catalogue #	Notes	Rep Contact
LC2	Low profile LED light fixture with continuous extruded aluminum channel, clear encapsulated lens, wet rated, and remote driver. Fixture in upright position in recessed cove.	4W/229lm 3500K 90-CRI LED	ON-OFF	120V	N/A	Surface (recessed cove)	Transition	Acuity-Lite Lighting E-Series LALD-encapsulated LED with remote L35W-4.0-35-ENC-STD-XX- S3-XX-CL-8-STD-STD-XX-XX- SST-XX-XX-C	Coordinate remote driver location with Architect	Sergio DeSilva at Sergio.DeSilva@acuitybrands.com
LD2	Not used									
LD5a	Fully recessed normally 4" dia. aperture LED downlight with medium beam distribution, with integral LED light engine and integral driver. Shaver rated.	14W/150lm 3500K 90-CRI LED	0-10V	120V	Architect to select from standard options	Recessed (3/8")	Washroom	Acuity-Solux: EVO-4" Shaver downlight EVO4SH-35-15-XX-SMD-120- E21-XX-XX	Recessed lines with parallel trim color to be determined by Arch	Sergio DeSilva at Sergio.DeSilva@acuitybrands.com
LD5b	Same as LD5a but lower lumen output	10W/100lm 3500K 90-CRI LED	0-10V	120V	Architect to select from standard options	Recessed (3/8")	Washroom	Acuity-Solux: EVO-4" Shaver downlight EVO4SH-35-10-XX-SMD-120- E21-XX-XX	Recessed lines with parallel trim color to be determined by Arch	Sergio DeSilva at Sergio.DeSilva@acuitybrands.com
LK3	Normally 1.0" x 0.75" small profile straight with polar lens surface dip mount on cabinet for back lighting, integral LED light engine and remote driver.	5W/35lm 3500K 90-CRI LED	ON-OFF	120V	N/A	Surface	Transition Room Change Room	Acuity-Lite Lighting E-Series OPTI-40 degree R40 white remote R40P-1.0-0.75-35-0W-03- XX-XX-XX-C	Coordinate remote driver location with Architect Provide luminaire of 1.0" x 0.75" to recess light.	Sergio DeSilva at Sergio.DeSilva@acuitybrands.com

Notes:
1. All luminaire lumen values shown in schedule are "nominal" lumens based on luminaire catalog information. Luminaire values noted with an asterisk (*) denotes "delivered" lumens to the luminaire with various finish, details, etc. selected based on LED data.
2. Refer to lighting fixture cutsheet packages for fixture image and additional information.
3. Fixtures not automatically approved when listed as "approved equal" with no catalogue number. Manufacturer must provide specification information (catalogue, installation info) and lighting calculation (if required) to prove fixture satisfies the luminaire construction and performance requirements per original specification.
4. *When "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 luminaire must ensure that Lighting Power Density (LPD) remains within permitted allowance. Manufacturer must also prove that alternate luminaire falls LED requirements that original specification has already met.

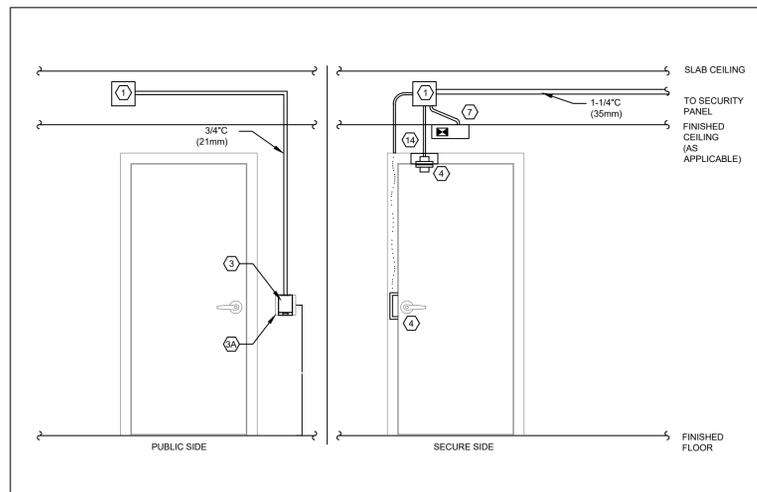
2 LEGACY LUMINAIRE FIXTURE SCHEDULE

E-801.1 SCALE: N.T.S.



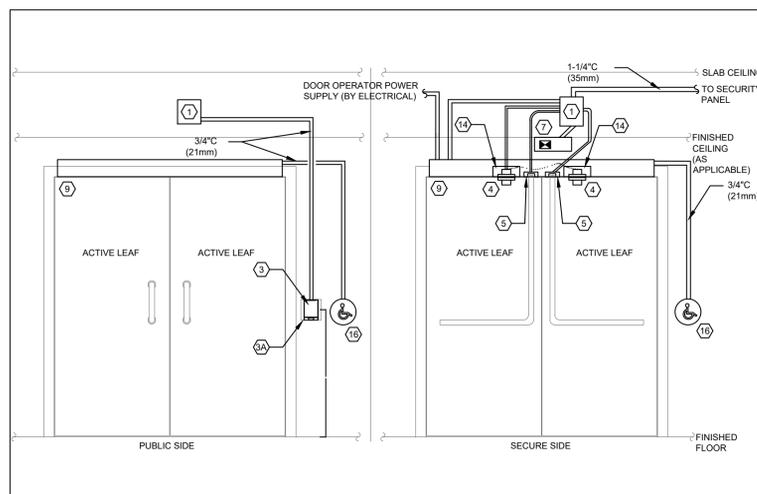
3 FLOOR BOX DETAIL

E-801.1 SCALE: N.T.S.



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

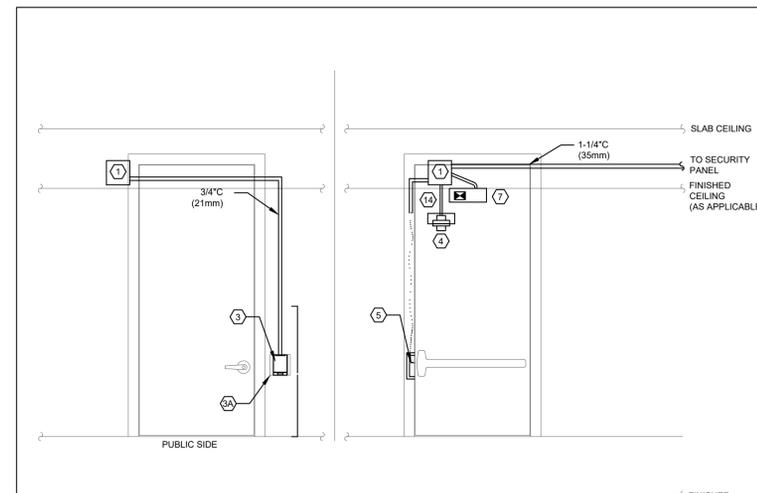
E-801.1 SCALE: N.T.S.

DOOR LEGEND & MATERIALS

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

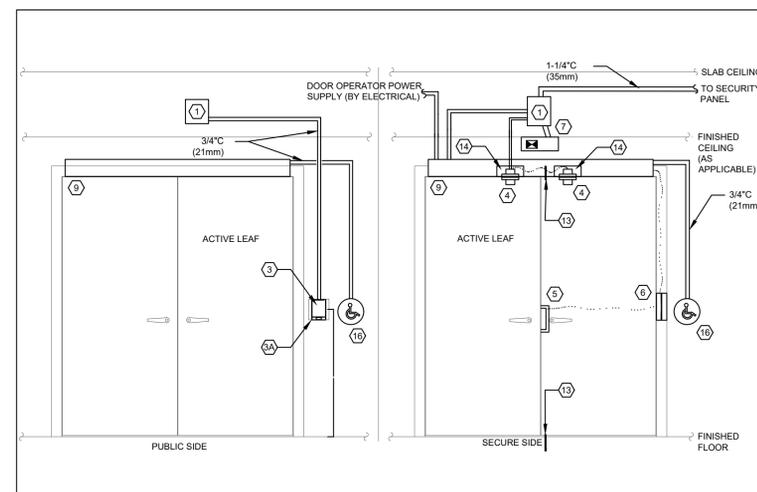
LINE TYPES LEGEND

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



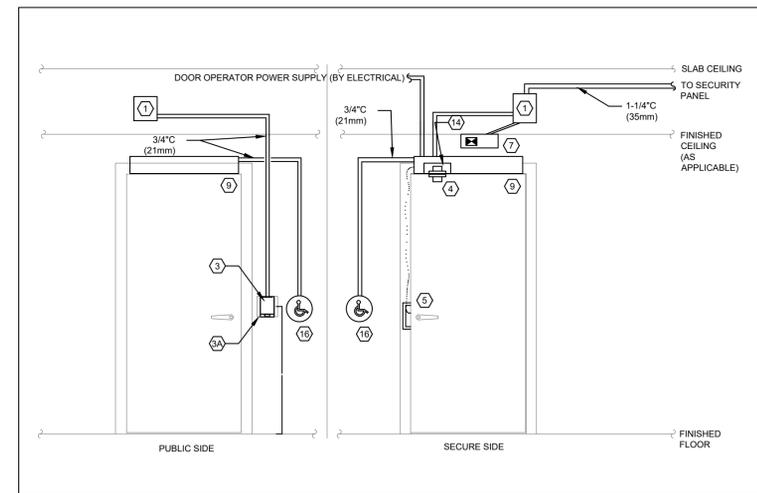
6 SINGLE DOOR W/ READER IN, ELECTRIC STRIKE, PANIC BAR

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

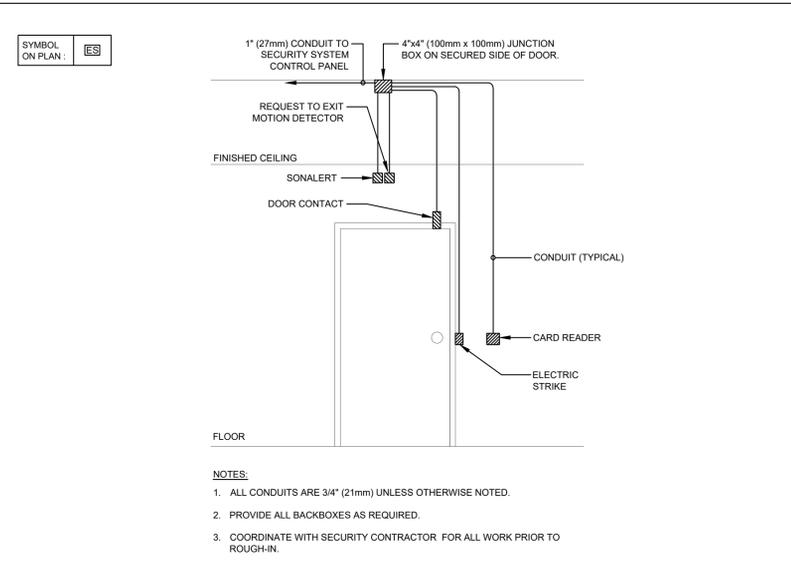
E-801.1 SCALE: N.T.S.

general notes:

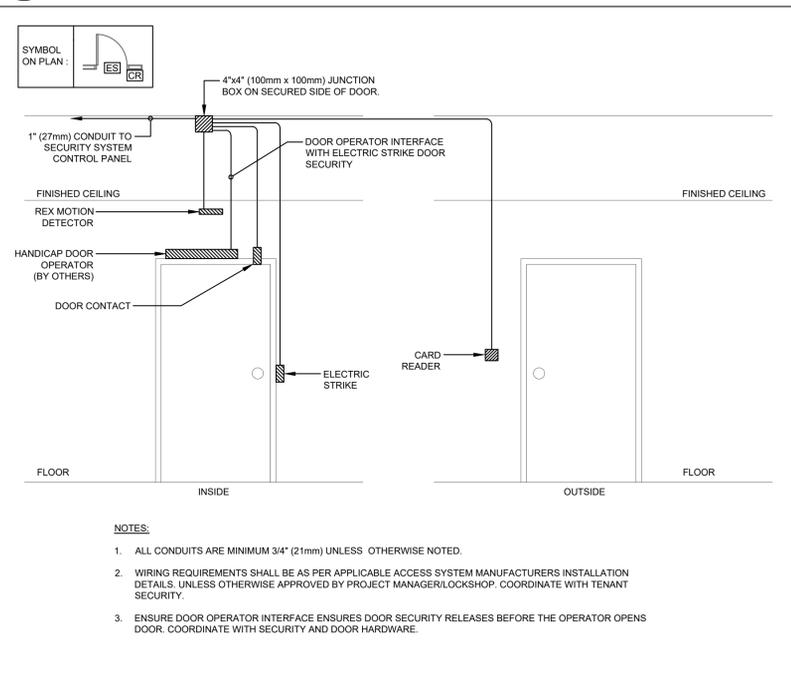
- These Contract Documents are the property of the Architect. The Architect bears no responsibility for the misinterpretations of these documents by the Contractor. Upon written application the Architect will provide written / graphic clarification or supplemental information regarding the intent of 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. 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.

general notes:

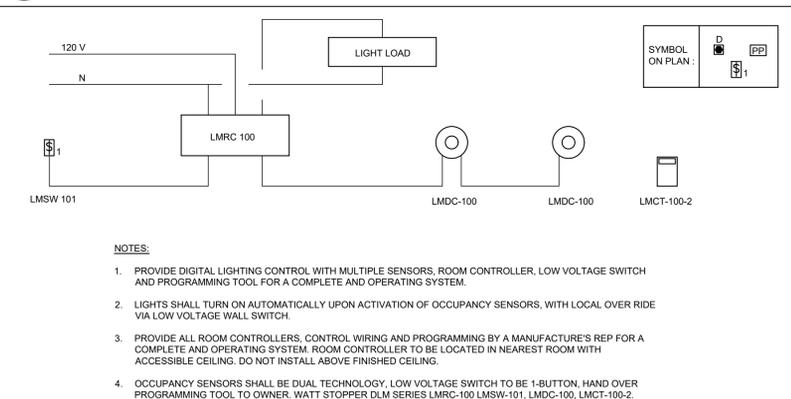
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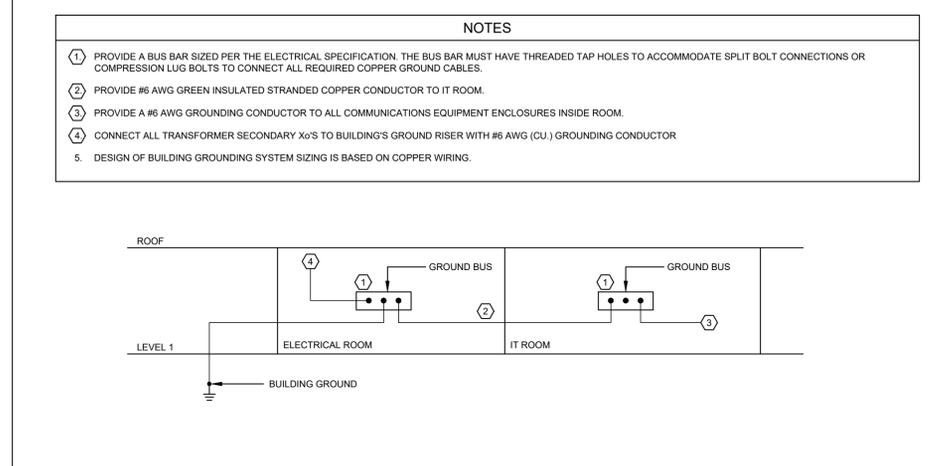
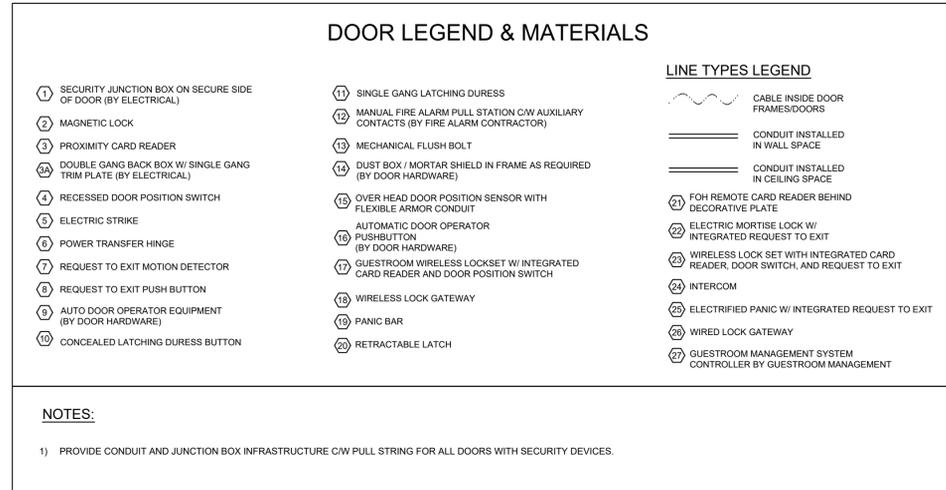
1 SINGLE DOOR WITH ELECTRIC STRIKE, CARD READER IN
 E-802.1 SCALE: N.T.S.



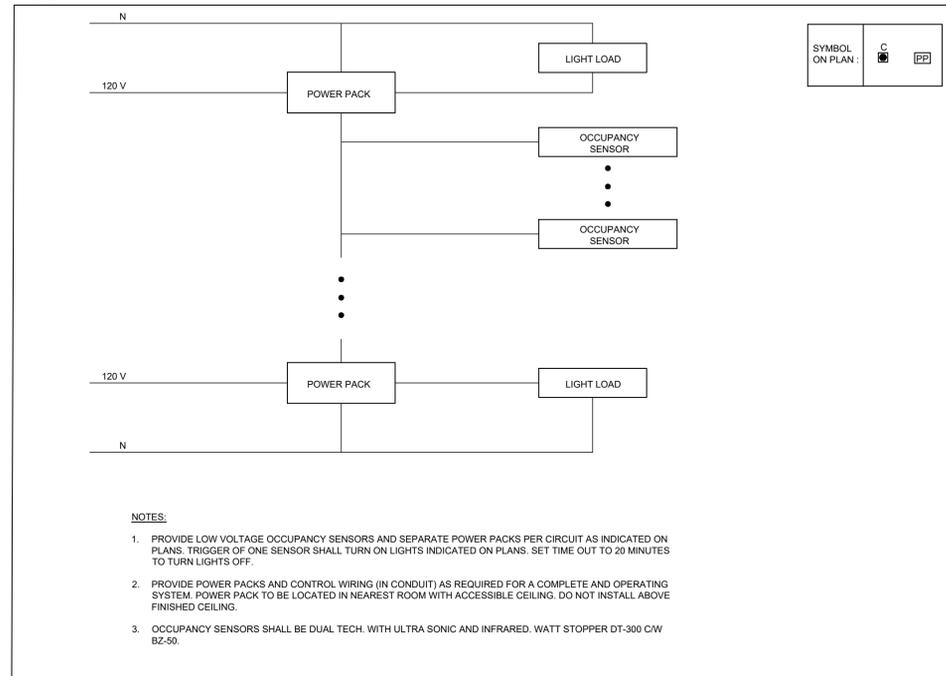
2 SINGLE DOOR ELECTRIC STRIKE, CARD READER DOOR OPERATOR, DOOR CONTACT
 E-802.1 SCALE: N.T.S.



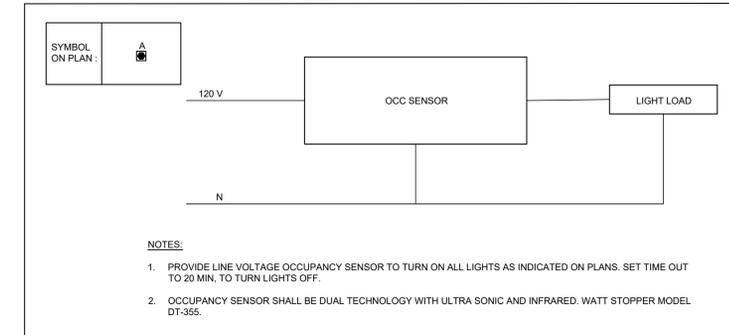
3 DIGITAL LIGHTING CONTROL WITH OCCUPANCY SENSOR AND LOW VOLTAGE SWITCH
 E-802.1 SCALE: N.T.S.



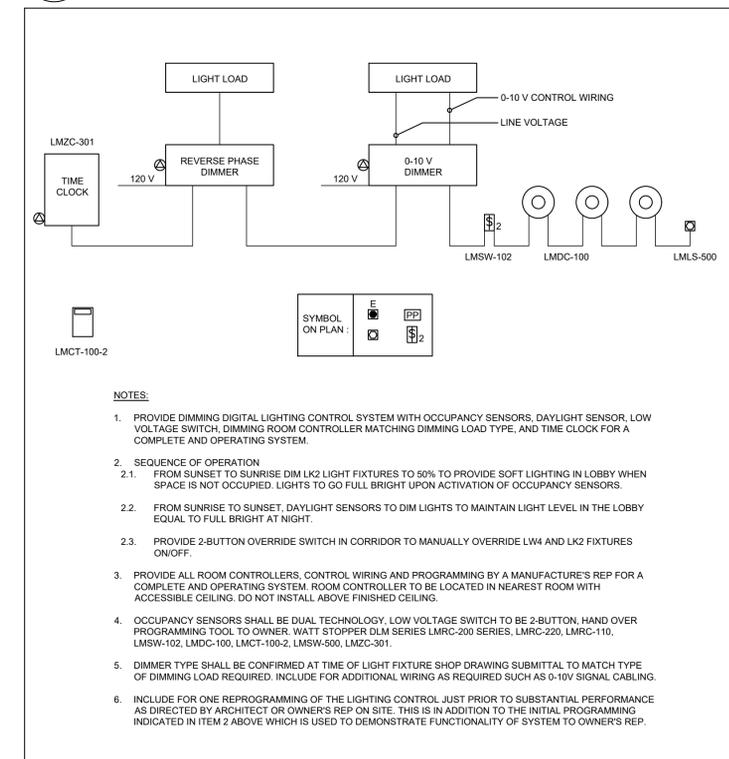
4 GROUNDING RISER DIAGRAM
 E-802.1 SCALE: N.T.S.



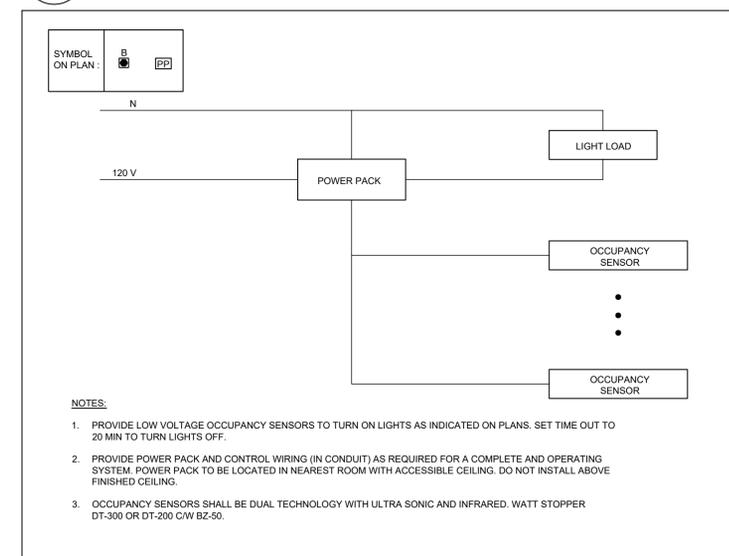
5 LOW VOLTAGE OCCUPANCY SENSORS WITH POWER PACKS - MULTIPLE CIRCUITS
 E-802.1 SCALE: N.T.S.



6 LINE VOLTAGE OCCUPANCY SENSOR
 E-802.1 SCALE: N.T.S.



7 DIGITAL LIGHTING CONTROL WITH DIMMING
 E-802.1 SCALE: N.T.S.



8 LOW VOLTAGE OCCUPANCY SENSOR WITH POWER PACK
 E-802.1 SCALE: N.T.S.

ISSUED FOR ADDENDUM NO 1 2024.01.12
 ISSUED FOR ESA 2024.11.14
 ISSUED FOR TENDER 2024.11.08
 version date

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.: