

# BURKE MOUNTAIN COMMUNITY CENTRE

BURKE MOUNTAIN, COQUITLAM, BC



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architecture + design  
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ELECTRICAL SYMBOL LEGEND					
LIGHTING	POWER	FIRE ALARM	COMMUNICATIONS	SINGLE LINE	AV
EMERGENCY NIGHT LIGHT LUMINAIRE	SINGLE RECEPTACLE	SMOKE DETECTOR	WALL MOUNTED HORIZONTAL CABLE DATA OUTLET WITH DATA CABLE HOME RUN TO TELECOM ROOM	FEEDER/CONDUCTOR	DISPLAY MONITOR
SURFACE MOUNTED LINEAR LUMINAIRE	DUPLEX RECEPTACLE	DUCT MOUNTED SMOKE DETECTOR	ID - DENOTES HORIZONTAL DATA CABLES QUANTITY DROPS	BUSBAR/CP	PROJECTION SCREEN
CEILING RECESSED LUMINAIRE	FOUR FLEX RECEPTACLE	120V SMOKE ALARM CW BATTERY BACKUP	A4 - DENOTES BELOW SYSTEM IDENTIFIER	POWER CIRCUIT BREAKER (VACUUM OR SF6)	VIDEO CAMERA
CEILING SUSPENDED LINEAR LUMINAIRE	ABOVE COUNTER DUPLEX RECEPTACLE	THERMAL DETECTOR	AV - AUDIO VISUAL	DRAW OUT BREAKER	REMOTE AV SOURCE
EMERGENCY CEILING SUSPENDED LINEAR LUMINAIRE	ABOVE COUNTER FOUR FLEX RECEPTACLE	DUCT MOUNTED THERMAL DETECTOR	AS - ACCESS SYSTEM @ <math>+300mm</math> AFF	BREAKER	WHITE BOARD
LED STRIP LUMINAIRE	5/20R DUPLEX RECEPTACLE (T-SLOT)	FIRE ALARM PIEDZ WITH SILENCE SWITCH	AM - GENERAL DATA CONNECTION	KEY INTERLOCK SWITCH	MICROPHONE
SURFACE MOUNTED LUMINAIRE	ABOVE COUNTER 5/20R DUPLEX RECEPTACLE (T-SLOT)	FIRE ALARM HORN (W/STROBE)	AN - GENERAL MONITOR	SHANG OPERATED LOAD BREAK SWITCH	CEILING MOUNTED MICROPHONE
EMERGENCY SURFACE MOUNTED LUMINAIRE	12 SWITCHED DUPLEX RECEPTACLE	FIRE ALARM HORN STATION	AS - DISTRIBUTED ANTENNA SYSTEM	SHANG OPERATED DISCONNECT SWITCH	JUNCTION BOX
RECESSED DOWN LIGHT	SWIFT DUPLEX RECEPTACLE	FIRE ALARM BELL	DA - FACILITY MANAGEMENT OPERATOR	FUSE	ANTENNA
EMERGENCY RECESSED DOWN LIGHT	ABOVE COUNTER SWIFT DUPLEX RECEPTACLE	FIRE ALARM CHONG	DA - FACILITY MANAGEMENT OPERATOR	RELAY	DEMARCATION FOR ALL SERVICES
WALL MOUNTED DOWN LIGHT	ISOLATED GROUND DUPLEX RECEPTACLE	FIRE ALARM HORN	DA - FACILITY MANAGEMENT OPERATOR	NORMALLY OPEN CONTACT	KEYBOARD
EMERGENCY WALL MOUNTED DOWN LIGHT	ISOLATED GROUND FOUR FLEX RECEPTACLE	FIRE ALARM HORN	DA - FACILITY MANAGEMENT OPERATOR	NORMALLY CLOSED CONTACT	INTERCOM STATION
RECESSED STEP LIGHT	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE	FIRE ALARM HORN	DA - FACILITY MANAGEMENT OPERATOR	CABLE PITCHHEAD	AV TOUCH PANEL
WALL MOUNTED UP LIGHT	GROUND FAULT INTERRUPTER FOUR FLEX RECEPTACLE	FIRE ALARM REMOTE TROUBLE	DA - FACILITY MANAGEMENT OPERATOR	LIGHTNING ARRESTER	AV CONTROL TOUCH PANEL
PENDANT LUMINAIRE	ABOVE COUNTER GFID DUPLEX RECEPTACLE	FIRE ALARM REMOTE TROUBLE	DA - FACILITY MANAGEMENT OPERATOR	GROUND	CLOCK
EMERGENCY PENDANT LUMINAIRE	HEALTHCARE GRADE 5/20R RECEPTACLE	CEILING MOUNTED FIRE ALARM SPEAKER	DA - FACILITY MANAGEMENT OPERATOR	METERING TRANSFORMER	UPS/SERVER
SQUARE PENDANT LUMINAIRE	FLOOR MOUNTED DUPLEX RECEPTACLE	ABOVE COUNTER HORIZONTAL CABLE DATA OUTLET WITH DATA CABLE HOME RUN TO TELECOM ROOM	DA - FACILITY MANAGEMENT OPERATOR	SERVICE PROVIDER METER	WIRED REPEATER - PROCESSOR
EMERGENCY SQUARE PENDANT LUMINAIRE	FLOOR MOUNTED FOUR FLEX RECEPTACLE	FLOOR MOUNTED FIRE ALARM SPEAKER	DA - FACILITY MANAGEMENT OPERATOR	DIGITAL METERING UNIT	DISH ANTENNA
UNDER CUPBOARD STRIP VOLT LIGHT	CEILING MOUNTED DUPLEX RECEPTACLE	WALL MOUNTED FIRE ALARM SPEAKER/STROBE	DA - FACILITY MANAGEMENT OPERATOR	OVERCURRENT GROUND RELAY	AV KEY PAD
TRACK	CEILING MOUNTED FOUR FLEX RECEPTACLE	END OF LINE RESISTOR	DA - FACILITY MANAGEMENT OPERATOR	OVERCURRENT PHASE RELAY	LOUDSPEAKER
TRACK HEAD	SYSTEMS FURNITURE POWER RAMP CONNECTION	FIRE ALARM ANNUNCIATOR	DA - FACILITY MANAGEMENT OPERATOR	TRANSFORMER (DRY TYPE)	CEILING MOUNTED ROUND LOUDSPEAKER
SPOT LIGHT	SERVICE PACE POLE	FIRE ALARM ANNUNCIATOR	DA - FACILITY MANAGEMENT OPERATOR	DELTA WYE TRANSFORMER	CEILING MOUNTED SQUARE LOUDSPEAKER
POLE LUMINAIRE	JUNCTION BOX	SPRINKLER FLOW SWITCH	DA - FACILITY MANAGEMENT OPERATOR	GENERATOR	RACK OR HEAD END
TWO HEAD POLE LUMINAIRE	MECHANICAL EQUIPMENT DIRECT CONNECTION	SPRINKLER VALVE SUPERVISORY	DA - FACILITY MANAGEMENT OPERATOR	TRANSFER SWITCH	LIFT MOUNT
BOLLARD	KITCHEN EQUIPMENT CONNECTION	SECURITY	DA - FACILITY MANAGEMENT OPERATOR	LONG, SHORT, INSTANTANEOUS, & GROUND TRIP UNIT	VIDEO PROJECTOR
BACKGROUND LIGHTING	VARIABLE SPEED SWITCH	PERMETER DOOR ALARM	DA - FACILITY MANAGEMENT OPERATOR	FEED THROUGH	CEILING MOUNTED AV CONTROL SENSOR
SINGLE POLE TOGGLE SWITCH - DAMAGED AS SHOWN	THERMOSTAT	SPECIAL PERMETER DOOR ALARM	DA - FACILITY MANAGEMENT OPERATOR	TIME SCAFF	IRRE CONFERENCE BAR
LOW VOLTAGE SWITCH - DAMAGED AS SHOWN	BUSBARRIER HEATER (WATTAGE AS NOTED ON PLANS)	96 SENSOR VIDEO SURVEILLANCE CAMERA - WALL MOUNT	DA - FACILITY MANAGEMENT OPERATOR	VOLUME CONTROLLER	COPPER BACKSHEATH RISER
THREE WAY TOGGLE SWITCH	FORCE FLOW HEATER	375 SENSOR VIDEO SURVEILLANCE CAMERA - CEILING MOUNT	DA - FACILITY MANAGEMENT OPERATOR	LOW VOLTAGE LIGHTING RELAY CABINET	CATV BACKSHEATH RISER
OCCUPANCY SENSOR - WALL MOUNTED	MECHANICAL MOTOR CONNECTION	375 SENSOR MULTI-SENSOR VIDEO SURVEILLANCE CAMERA - WALL MOUNT	DA - FACILITY MANAGEMENT OPERATOR	DOUBLE NEUTRAL	FIRE ALARM RISER
OCCUPANCY SENSOR - CEILING MOUNTED	DISCONNECT SWITCH	375 SENSOR MULTI-SENSOR VIDEO SURVEILLANCE CAMERA - CEILING MOUNT	DA - FACILITY MANAGEMENT OPERATOR	CLOCK OUTLET - <math>+200mm</math> AFF	CAMERA & ACCESS CONTROL SCHEDULES
DAYLIGHT SENSOR - WALL MOUNTED	MAGNETIC STARTER	375 SENSOR MULTI-SENSOR VIDEO SURVEILLANCE CAMERA - WALL MOUNT	DA - FACILITY MANAGEMENT OPERATOR	WATERPROOF DATA OUTLET	LEVEL P2 EAST - AUDIO VISUAL SYSTEM PLAN
DAYLIGHT SENSOR - CEILING MOUNTED	CONTACTOR	375 SENSOR MULTI-SENSOR VIDEO SURVEILLANCE CAMERA - CEILING MOUNT	DA - FACILITY MANAGEMENT OPERATOR	SPACE RESERVED FOR ACCESS CONTROL PANEL	LEVEL P2 WEST - AUDIO VISUAL SYSTEM PLAN
LOW VOLTAGE OCCUPANCY SENSOR - WALL MOUNTED	MANUAL STARTER	ACCESS CONTROL SYSTEM - DOOR TYPE	DA - FACILITY MANAGEMENT OPERATOR	MEDIA CONVERTER	LOWER LEVEL EAST - AUDIO VISUAL SYSTEM PLAN
LOW VOLTAGE OCCUPANCY SENSOR - CEILING MOUNTED	GROUND BUS	MAGNETIC DOOR HOLD OPEN	DA - FACILITY MANAGEMENT OPERATOR	INDICATES CIRCUIT TO BE DEDICATED	LOWER LEVEL WEST - AUDIO VISUAL SYSTEM PLAN
OCCUPANCY SENSOR WITH DIMMER	PANEL BOARD	DOOR CONTACT	DA - FACILITY MANAGEMENT OPERATOR	NIGHT LIGHT	ROOF EAST - AUDIO VISUAL SYSTEM PLAN
DAYLIGHT SENSOR WITH DIMMER	CONDUIT RUN UP	CARD READER	DA - FACILITY MANAGEMENT OPERATOR	EXISTING DEVICE TO BE REMOVED	ROOF WEST - AUDIO VISUAL SYSTEM PLAN
LOW VOLTAGE OCCUPANCY SENSOR WITH DIMMER	CONDUIT RUN DOWN	ELECTRIC STRIKE	DA - FACILITY MANAGEMENT OPERATOR	EXISTING DEVICE TO BE REPLACED AND RELOCATED	AUDIO VISUAL SYSTEM TYPICAL WIRING DIAGRAM 1 OF 2
DIMMER SWITCH	PUSH BUTTON	KEY PAD	DA - FACILITY MANAGEMENT OPERATOR	EXISTING DEVICE TO BE REPLACED WITH NEW	AUDIO VISUAL SYSTEM TYPICAL WIRING DIAGRAM 2 OF 2
PHOTOCELL	EMERGENCY PUSH BUTTON	REQUEST TO EXIT SENSOR	DA - FACILITY MANAGEMENT OPERATOR	EXISTING DEVICE TO BE REPLACED WITH NEW	AV ELECTRICAL PLAN
TIME CLOCK		GLASS BREAK DETECTOR	DA - FACILITY MANAGEMENT OPERATOR	WEATHER PROOF	AV ELECTRICAL DETAILS
EXIT SIGN - ARROWS AS INDICATED		INTRUSION MOTION DETECTOR 180°	DA - FACILITY MANAGEMENT OPERATOR	USB RECEPTACLE	AV ELECTRICAL DETAILS
EXIT SIGN - SINGLE SIDED		INTRUSION MOTION DETECTOR 360°	DA - FACILITY MANAGEMENT OPERATOR		AV ELECTRICAL DETAILS
EMERGENCY BATTERY PACK		INTRUSION MOTION DETECTOR WALL MOUNTED	DA - FACILITY MANAGEMENT OPERATOR		
DUAL REMOTE EMERGENCY HEADS - CEILING MOUNTED		INTRUSION ALARM HORN	DA - FACILITY MANAGEMENT OPERATOR		
DUAL REMOTE EMERGENCY HEADS - WALL MOUNTED		VALLEY ALARM PANEL	DA - FACILITY MANAGEMENT OPERATOR		
DUAL EMERGENCY HEADS WITH SELF CONTAINED BATTERY PACK - CEILING MOUNTED		INTRUSION ALARM ANNUNCIATOR	DA - FACILITY MANAGEMENT OPERATOR		
DUAL EMERGENCY HEADS WITH SELF CONTAINED BATTERY PACK - WALL MOUNTED		INTRUSION ALARM KEY PAD	DA - FACILITY MANAGEMENT OPERATOR		
		INTRUSION ALARM CONTROL PANEL	DA - FACILITY MANAGEMENT OPERATOR		
		MAGNETIC LOCK	DA - FACILITY MANAGEMENT OPERATOR		
		AUTOMATIC DOOR OPENER	DA - FACILITY MANAGEMENT OPERATOR		
		WAVE SENSOR	DA - FACILITY MANAGEMENT OPERATOR		
		PANIC BUTTON	DA - FACILITY MANAGEMENT OPERATOR		
		EMERGENCY BUTTON	DA - FACILITY MANAGEMENT OPERATOR		
		WAVE TO LOCK	DA - FACILITY MANAGEMENT OPERATOR		
		STROBE LIGHT	DA - FACILITY MANAGEMENT OPERATOR		

NOTE: NOT EVERY SYMBOL IS USED.

ELECTRICAL DRAWING LIST	
NUMBER	NAME
E000	COVER PAGE
E001	SITE SERVICE PLAN
E002	SITE LIGHTING, POWER & LOW TENSION PLAN
E003	MECHANICAL SCHEDULE 1 OF 3
E100	LEVEL P2 EAST - LIGHTING PLAN
E101	LEVEL P2 WEST - LIGHTING PLAN
E102	LEVEL P1 EAST - LIGHTING PLAN
E103	LEVEL P1 WEST - LIGHTING PLAN
E104	LOWER LEVEL EAST - LIGHTING PLAN
E105	LOWER LEVEL WEST - LIGHTING PLAN
E106	UPPER LEVEL EAST - LIGHTING PLAN
E107	UPPER LEVEL WEST - LIGHTING PLAN
E108	ROOF EAST - LIGHTING PLAN
E109	ROOF WEST - LIGHTING PLAN
E110	LUMINAIRE SCHEDULE
E111	LIGHTING CONTROL SCHEDULE
E200	LEVEL P2 EAST - POWER PLAN
E201	LEVEL P2 WEST - POWER PLAN
E202	LEVEL P1 EAST - POWER PLAN
E203	LEVEL P1 WEST - POWER PLAN
E204	LOWER LEVEL EAST - POWER PLAN
E205	LOWER LEVEL WEST - POWER PLAN
E206	UPPER LEVEL EAST - POWER PLAN
E207	UPPER LEVEL WEST - POWER PLAN
E208	ROOF EAST - POWER PLAN
E209	ROOF WEST - POWER PLAN
E300	SINGLE LINE DIAGRAM
E301	MAN ELECTRICAL ROOM/FITTINGS
E302	SERVICE ROOM/FITTINGS
E303	MECHANICAL SCHEDULE 1 OF 3
E304	MECHANICAL SCHEDULE 2 OF 3
E305	MECHANICAL SCHEDULE 3 OF 3
E306	LEVEL P2 EAST - LOW TENSION PLAN
E307	LEVEL P2 WEST - LOW TENSION PLAN
E308	LEVEL P1 EAST - LOW TENSION PLAN
E309	LEVEL P1 WEST - LOW TENSION PLAN
E310	LOWER LEVEL EAST - LOW TENSION PLAN
E311	LOWER LEVEL WEST - LOW TENSION PLAN
E312	UPPER LEVEL EAST - LOW TENSION PLAN
E313	UPPER LEVEL WEST - LOW TENSION PLAN
E314	ROOF EAST - LOW TENSION PLAN
E315	ROOF WEST - LOW TENSION PLAN
E316	TELECOM BACKSHEATH CABLE PATHWAY RISER
E317	IRRE CONFERENCE RISER
E318	COPPER BACKSHEATH RISER
E319	CATV BACKSHEATH RISER
E320	FIRE ALARM RISER
E400	CAMERA & ACCESS CONTROL SCHEDULES
E401	LEVEL P2 EAST - AUDIO VISUAL SYSTEM PLAN
E402	LEVEL P2 WEST - AUDIO VISUAL SYSTEM PLAN
E403	LEVEL P1 EAST - AUDIO VISUAL SYSTEM PLAN
E404	LEVEL P1 WEST - AUDIO VISUAL SYSTEM PLAN
E405	LOWER LEVEL EAST - AUDIO VISUAL SYSTEM PLAN
E406	LOWER LEVEL WEST - AUDIO VISUAL SYSTEM PLAN
E407	UPPER LEVEL EAST - AUDIO VISUAL SYSTEM PLAN
E408	UPPER LEVEL WEST - AUDIO VISUAL SYSTEM PLAN
E409	ROOF EAST - AUDIO VISUAL SYSTEM PLAN
E410	ROOF WEST - AUDIO VISUAL SYSTEM PLAN
E411	AUDIO VISUAL SYSTEM TYPICAL WIRING DIAGRAM 1 OF 2
E412	AUDIO VISUAL SYSTEM TYPICAL WIRING DIAGRAM 2 OF 2
E413	AUDIO VISUAL SYSTEM DETAILS
E500	AV ELECTRICAL PLAN
E501	AV ELECTRICAL DETAILS
E502	AV ELECTRICAL DETAILS
E503	AV ELECTRICAL DETAILS

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Key plan



Issued for	Issued for 50% DD	Issued for 75% DD	Issued for 100% DD
1 2025.07.07			
2 2025.07.23			
3 2025.08.08			
4 2025.09.05			
5 2025.10.01			
6 2025.11.07			
7 2025.11.21			
8 2025.12.19			

Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
COVER PAGE

Printed Date number  
12/19/2025 4:31:24 PM  
Current Issue 8

E000

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plan



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1	2025.07.07	ISSUED FOR 50% DD
2	2025.07.23	ISSUED FOR 75% DD
3	2025.08.08	ISSUED FOR 100% DD
4	2025.09.05	ISSUED FOR COORDINATION
5	2025.10.01	ISSUED FOR 25% CD
6	2025.11.07	ISSUED FOR 50% CD
7	2025.11.21	ISSUED FOR 50% CD
8	2025.12.19	ISSUED FOR 60% CD

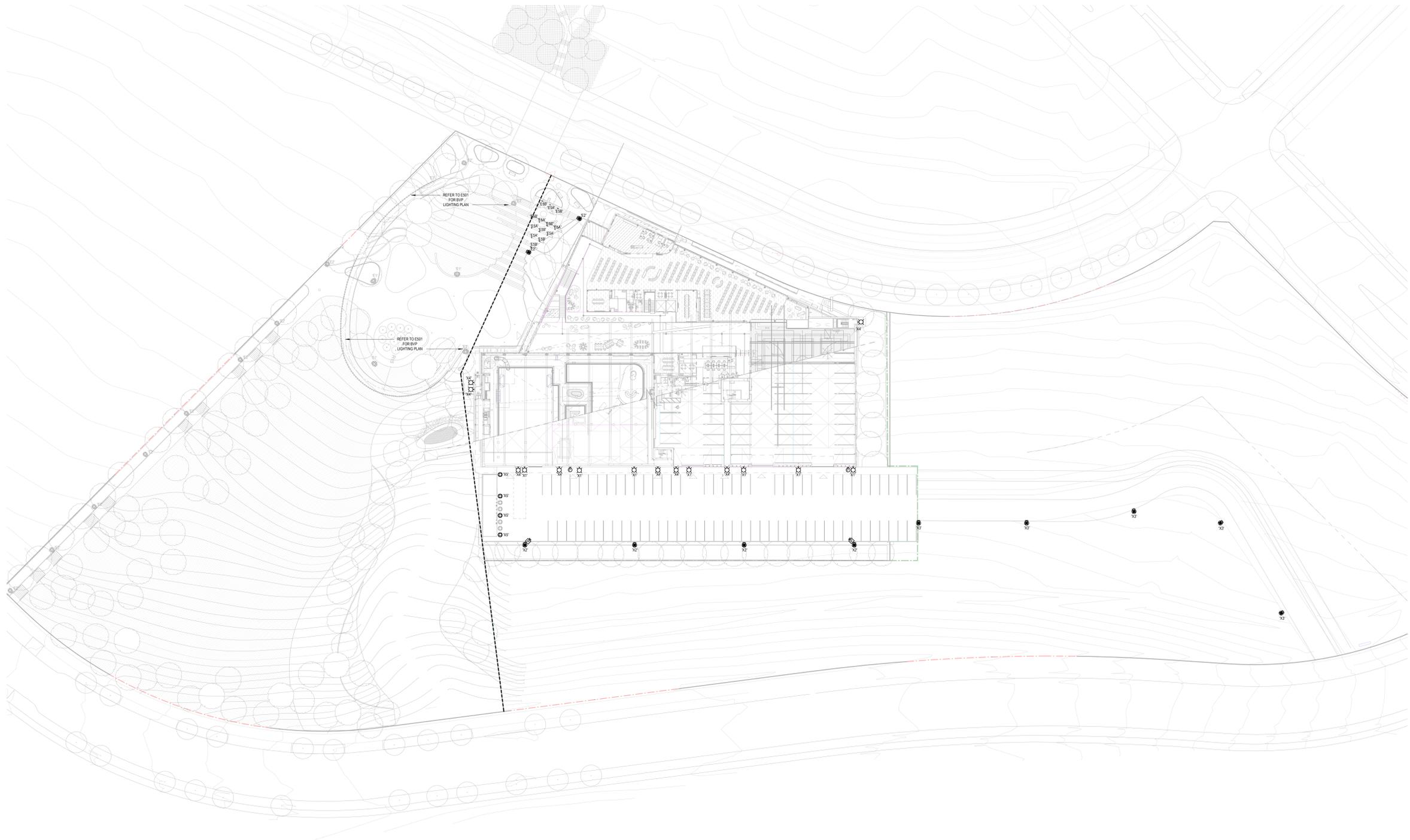


1 SITE SERVICE PLAN  
E001 0 200 400 600 800 1,000

Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**SITE SERVICE PLAN**



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6	2025.11.07	ISSUED FOR 50% CD
7	2025.11.21	ISSUED FOR 50% CD
8	2025.12.19	ISSUED FOR 60% CD

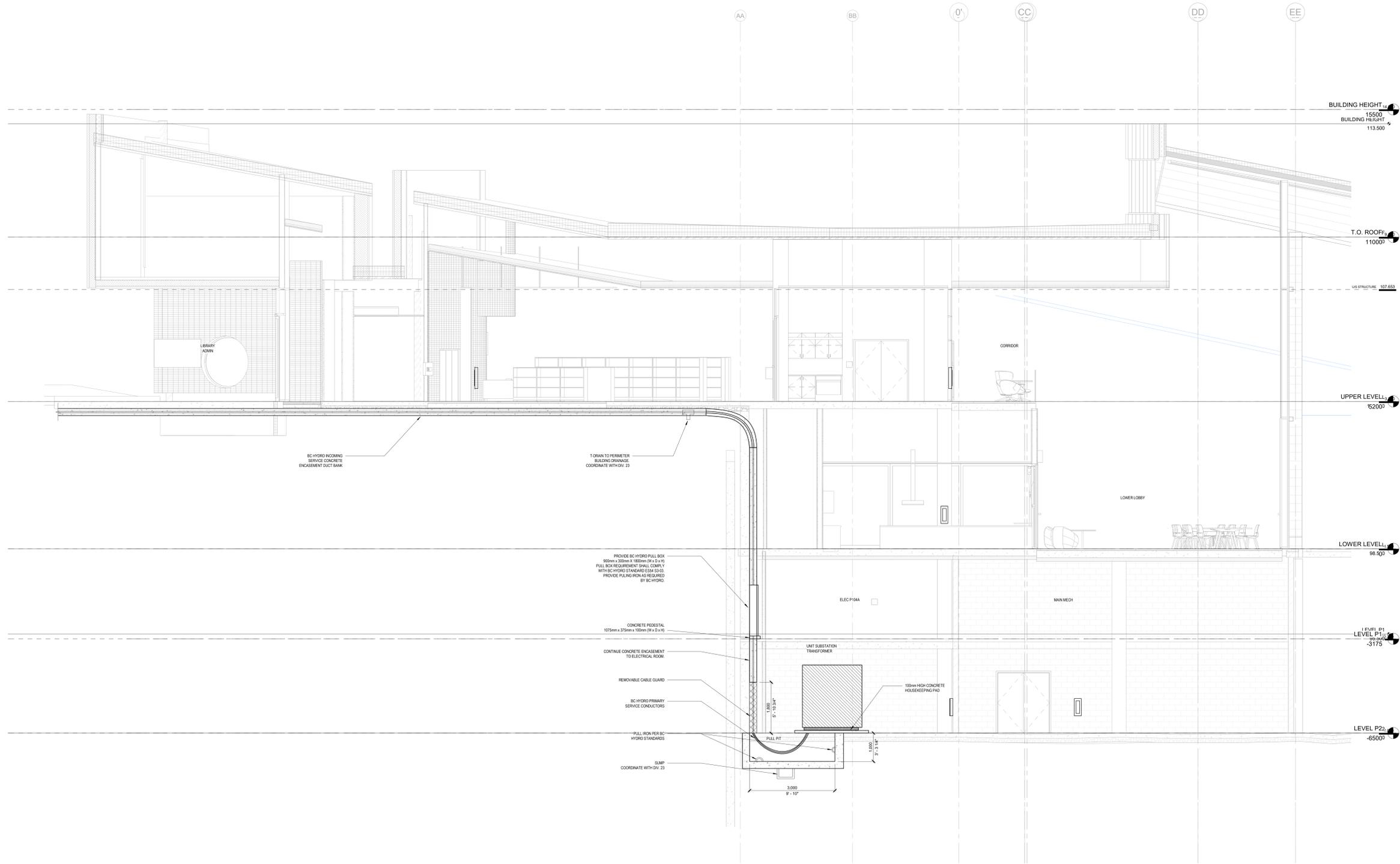
1 SITE LIGHTING, POWER & LOW TENSION PLAN  
E002

Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**SITE LIGHTING, POWER & LOW TENSION PLAN**



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Key plan



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7	2025.11.21	ISSUED FOR 50% CD
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Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**INCOMING SERVICE DETAILS**

1 INCOMING SERVICE DETAILS  
E050



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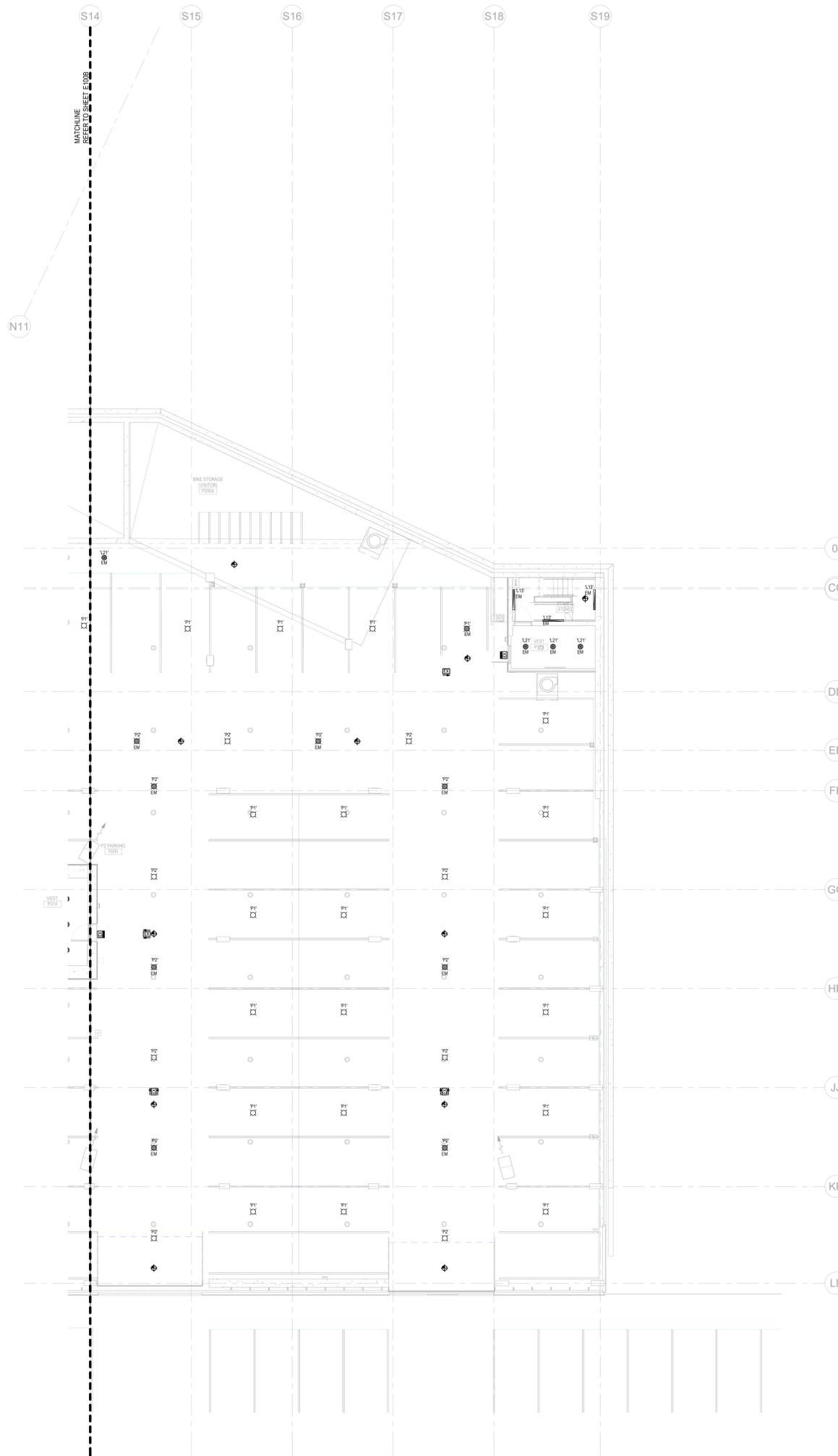
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**LEVEL P2 EAST -  
LIGHTING PLAN**

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**E100A**



1 LEVEL P2 EAST - LIGHTING PLAN  
E100A





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7 2025.11.21	ISSUED FOR 50% CD
8 2025.12.19	ISSUED FOR 60% CD

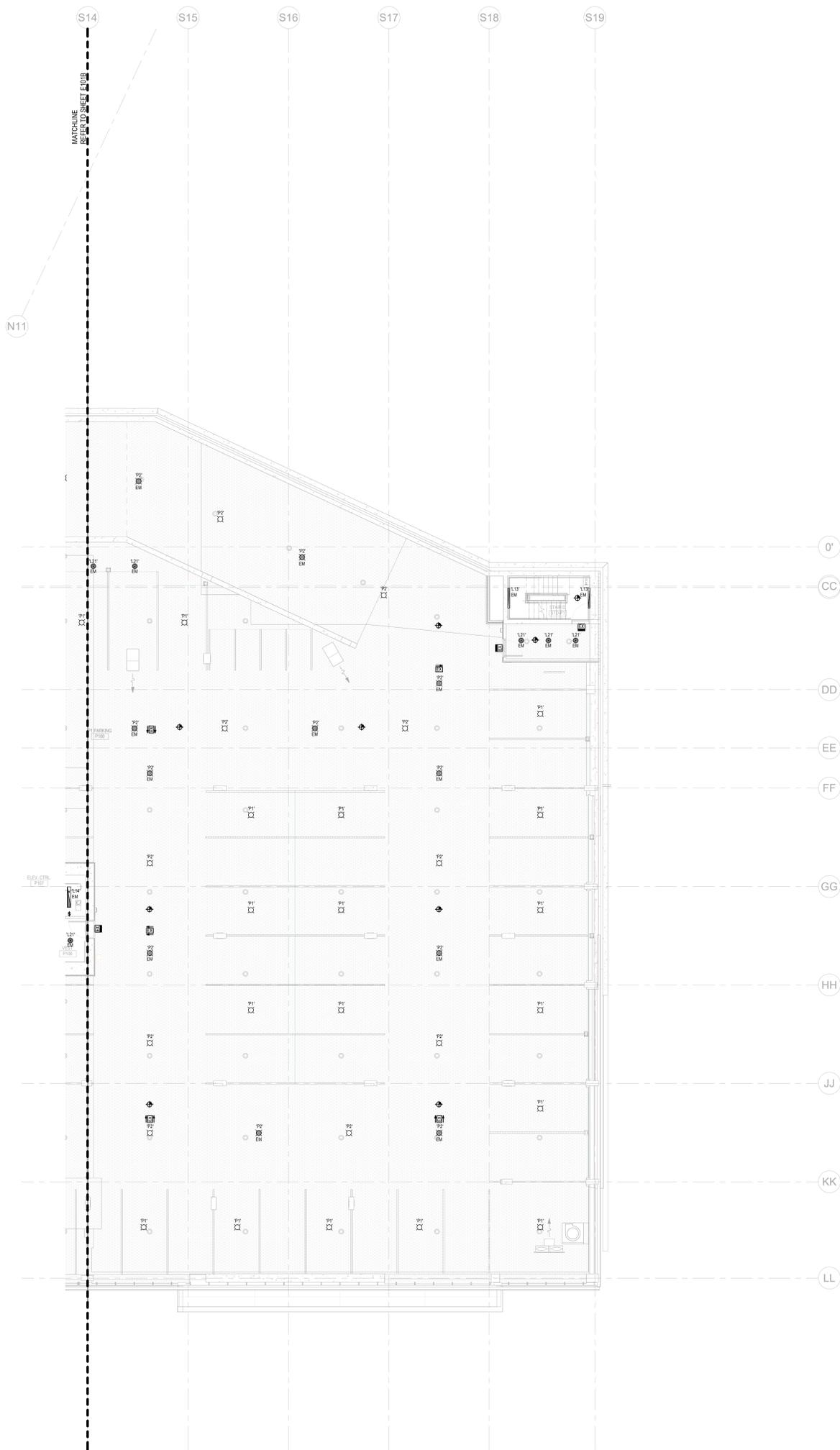
Project title  
**Burke Mountain  
Community Centre  
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Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P1 EAST -  
LIGHTING PLAN**

Printed Date Sheet number  
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Current Issue 8

**E101A**



1 LEVEL P1 EAST - LIGHTING PLAN  
E101A



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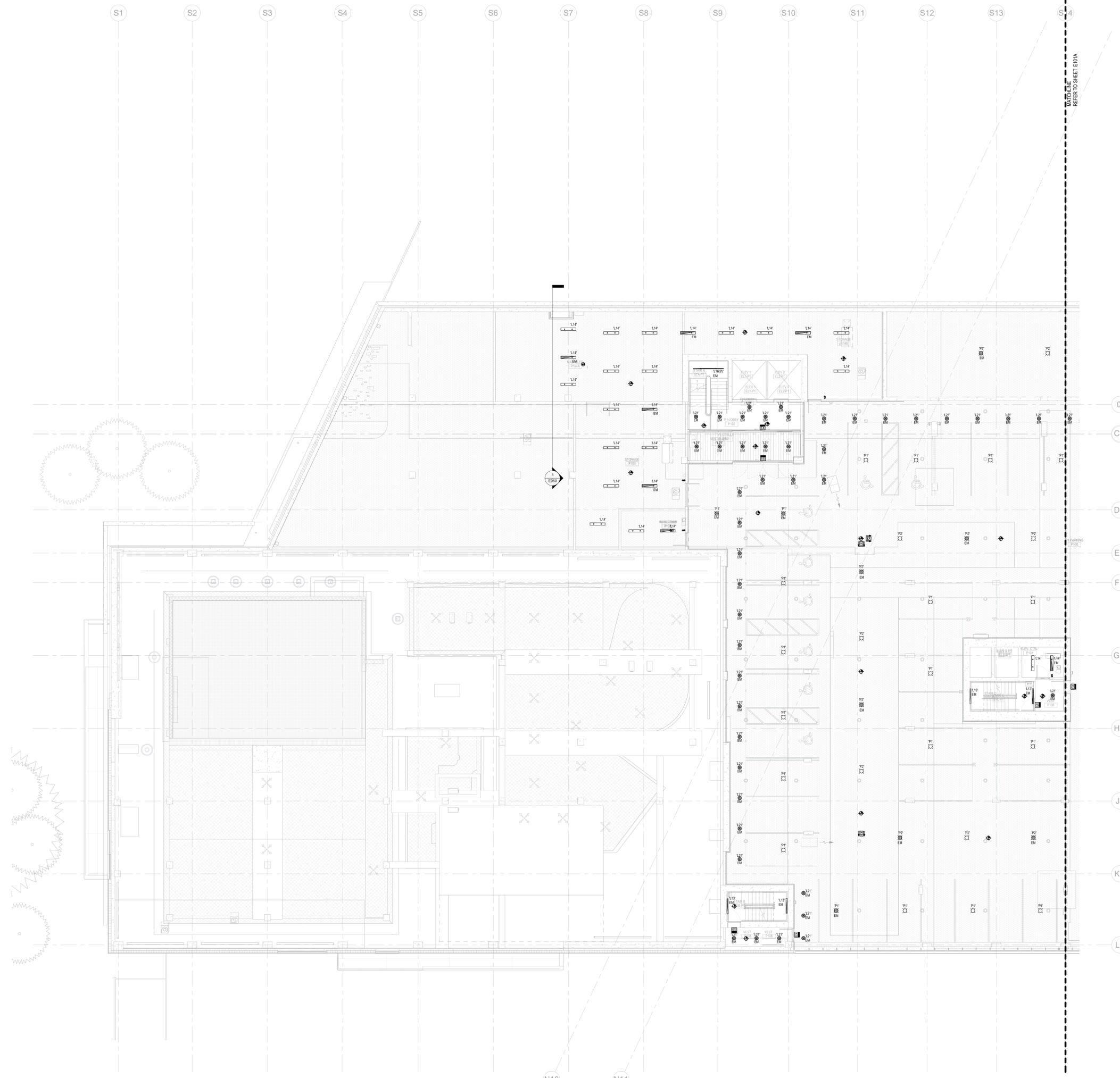
Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P1 WEST - LIGHTING PLAN**

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12/19/2025 4:31:48 PM  
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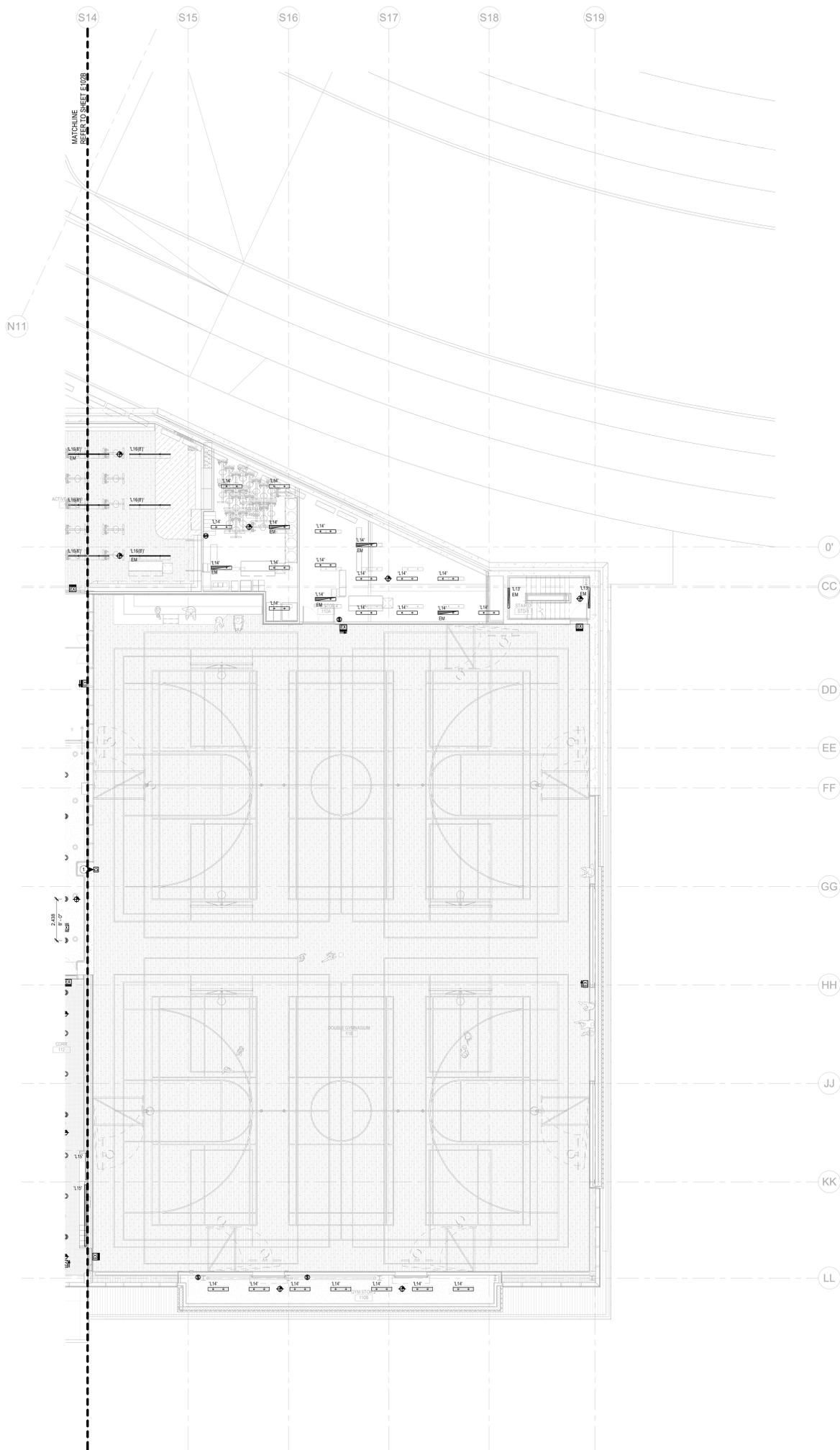
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**Burke Mountain  
Community Centre  
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Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LOWER LEVEL EAST -  
LIGHTING PLAN**

Printed Date Sheet number  
12/19/2025 4:31:49 PM  
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**E102A**



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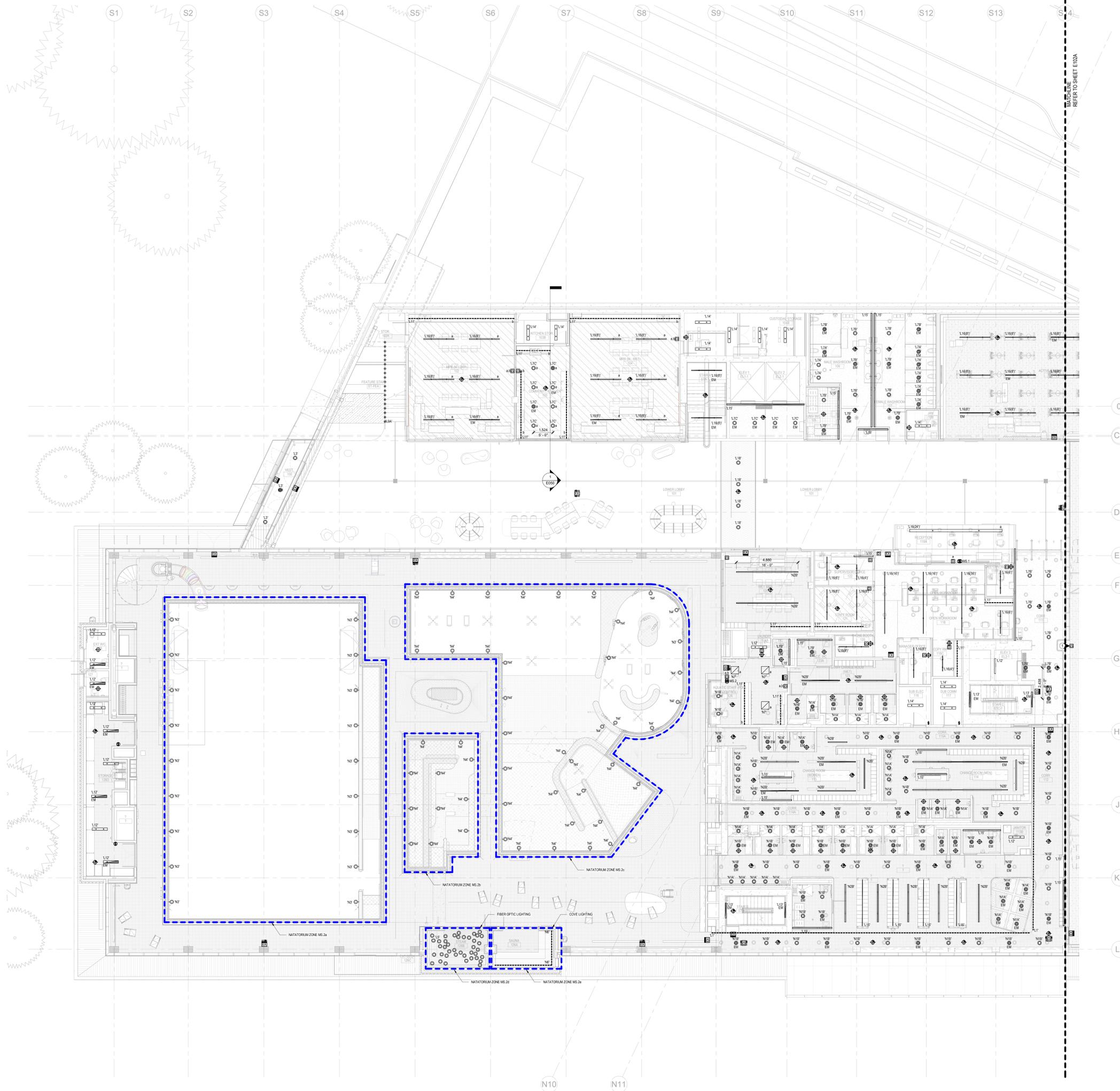
Project title  
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City of Coquitlam  
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Burke Mountain, Coquitlam, BC

Sheet title  
**LOWER LEVEL WEST -  
LIGHTING PLAN**

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1 LOWER LEVEL WEST - LIGHTING PLAN  
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7 2025.11.21	ISSUED FOR 50% CD
8 2025.12.19	ISSUED FOR 60% CD

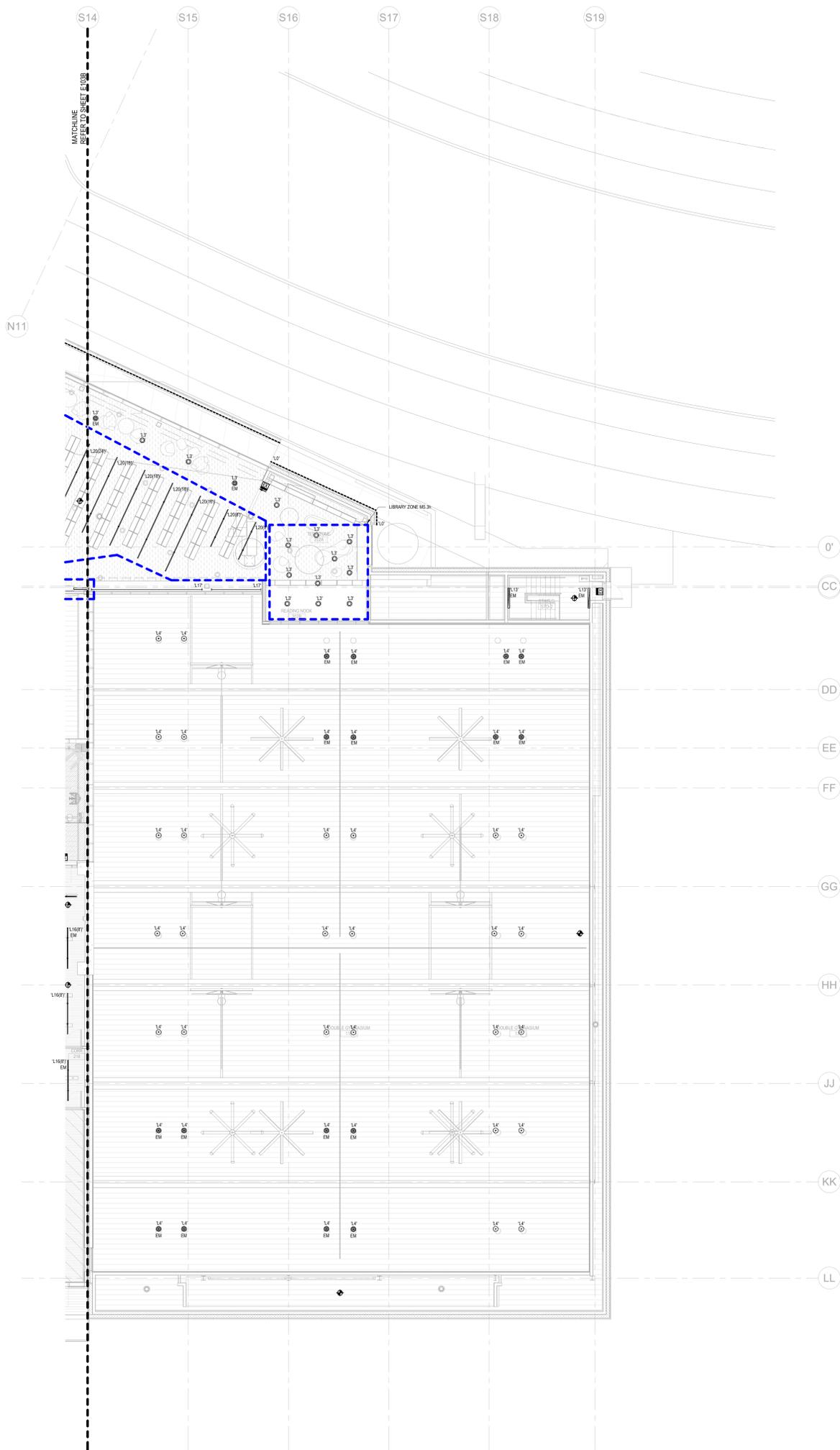
Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**UPPER LEVEL EAST -  
LIGHTING PLAN**

Printed Date Sheet number  
12/19/2025 4:31:58 PM  
Current Issue 8

**E103A**



1 UPPER LEVEL EAST - LIGHTING PLAN  
E103A



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2 2025.07.23	ISSUED FOR 75% DD
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4 2025.09.05	ISSUED FOR COORDINATION
5 2025.10.01	ISSUED FOR 25% CD
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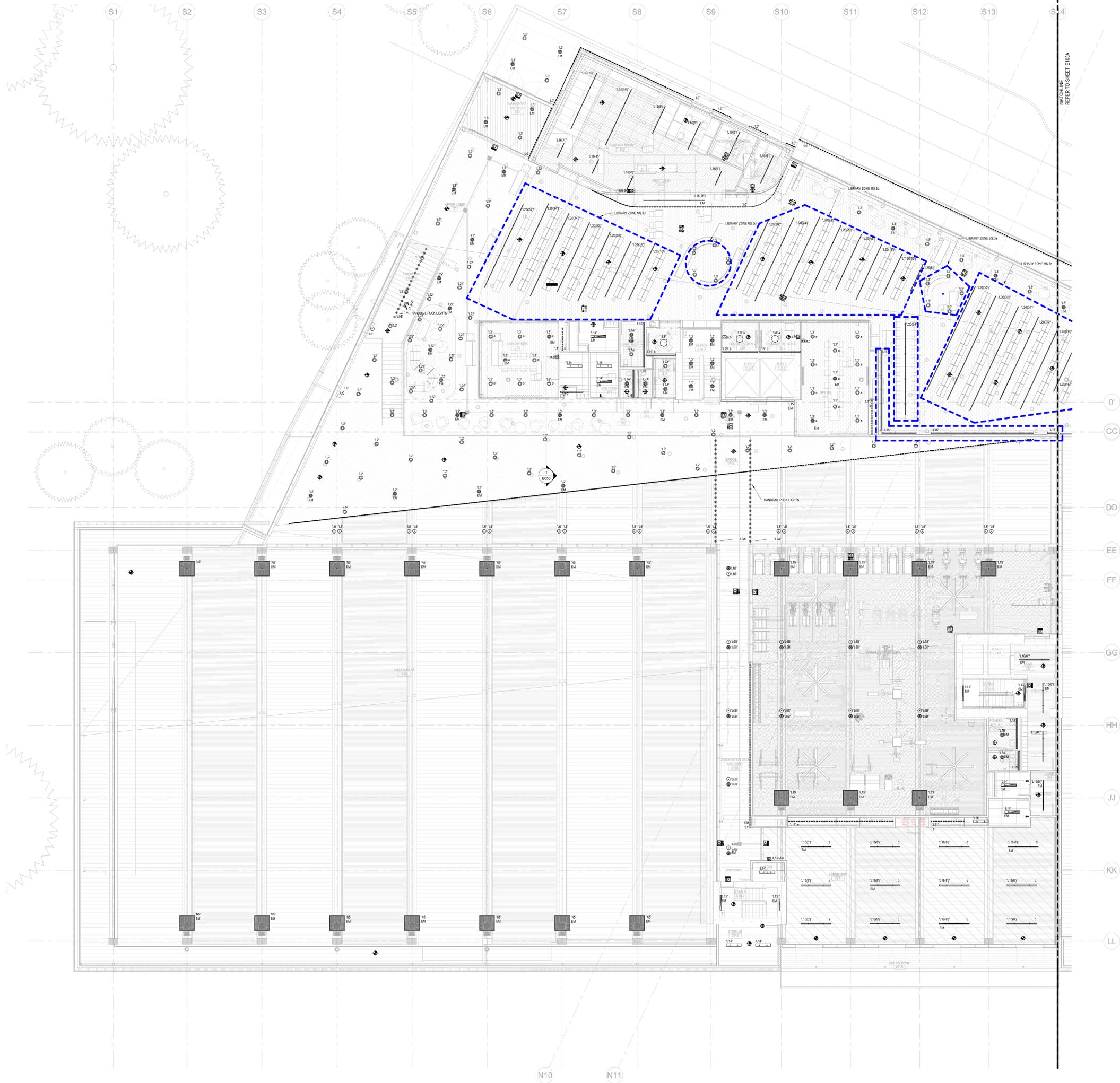
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City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**UPPER LEVEL WEST -  
LIGHTING PLAN**

Printed Date  
12/19/2025 4:32:04 PM  
Sheet number  
Current Issue 8

**E103B**



1 UPPER LEVEL WEST - LIGHTING PLAN  
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2	2025.07.23	ISSUED FOR 75% DD
3	2025.08.08	ISSUED FOR 100% DD
4	2025.09.05	ISSUED FOR COORDINATION
5	2025.10.01	ISSUED FOR 25% CD
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8	2025.12.19	ISSUED FOR 60% CD

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**Burke Mountain  
Community Centre  
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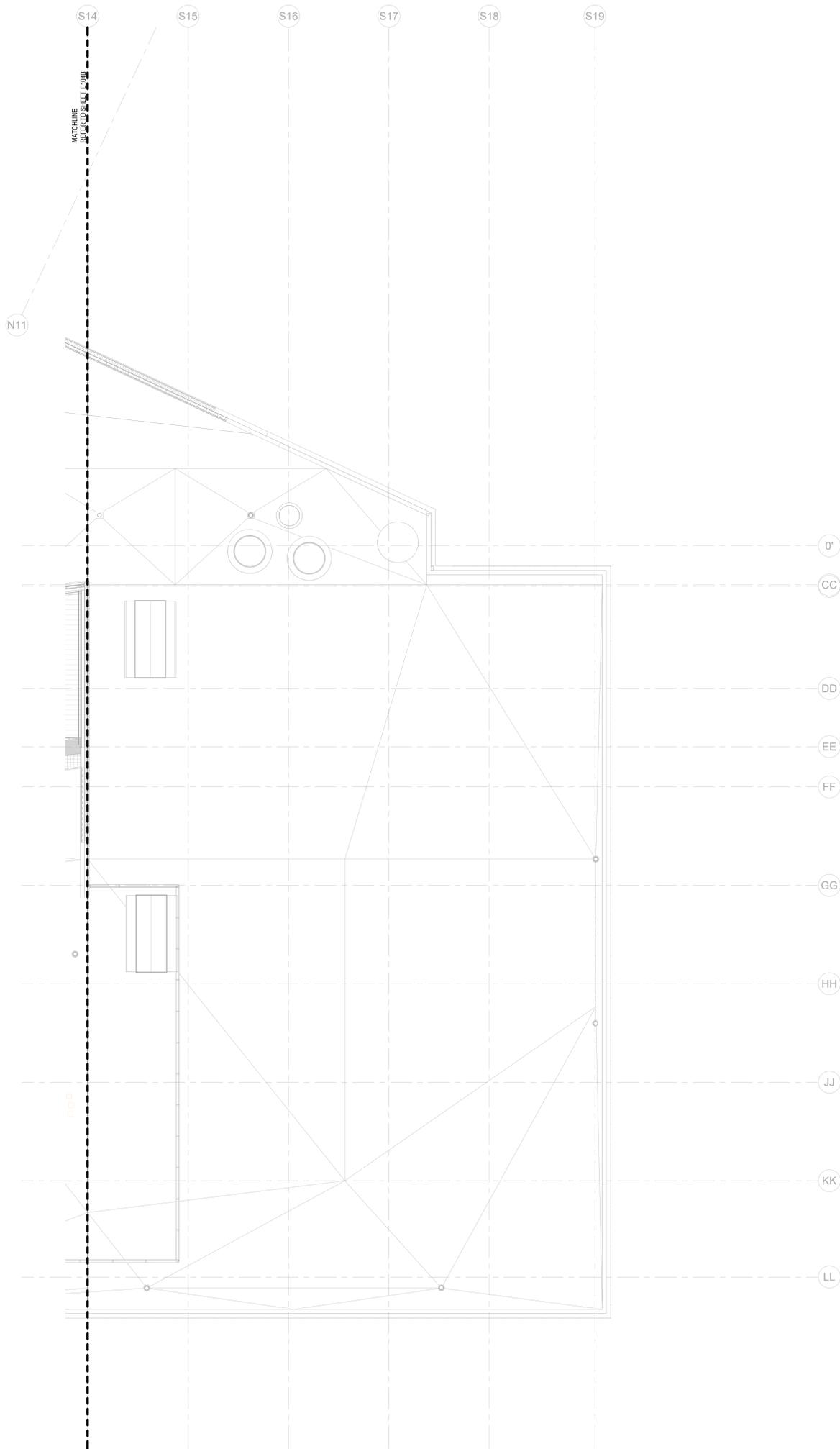
Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**ROOF EAST -  
LIGHTING PLAN**

Printed Date Sheet number  
12/19/2025 4:32:05 PM  
Current Issue 8

**E104A**



1 ROOF EAST - LIGHTING PLAN  
E104A



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2 2025.07.23	ISSUED FOR 75% DD
3 2025.08.08	ISSUED FOR 100% DD
4 2025.09.05	ISSUED FOR COORDINATION
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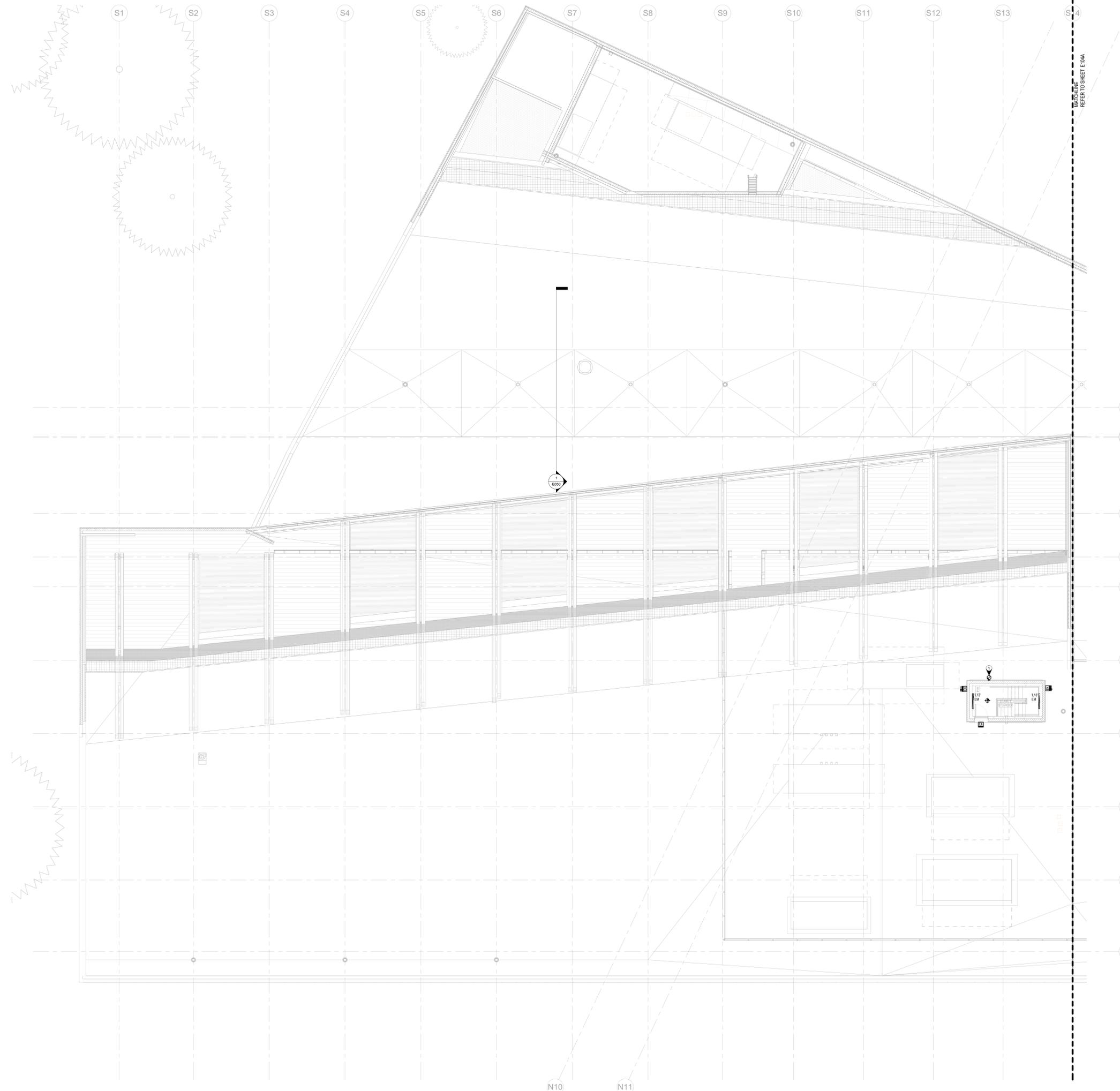
Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**ROOF WEST - LIGHTING PLAN**

Printed Date  
12/19/2025 4:32:06 PM  
Sheet number  
Current Issue 8

**E104B**



**KEYNOTES**  
1 INSTALL ONE EXTERIOR PHOTOCELL ON NORTHERN EXTERIOR WALL LOCATION SHOWN ON THE PLAN AS AN APPROXIMATION. FINAL LOCATION SHALL BE COORDINATED WITH MANUFACTURER PURSUER TO THE MANUFACTURER'S ACCESSIBLE AND TO ENSURE PROPER FUNCTIONALITY AND CONTROL OF EXTERIOR LIGHTING.



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TYPE	IMAGE	DESCRIPTION	LOCATION	LUMINAIRE SCHEDULE (INTERIOR)	MOUNTING	LED PERFORMANCE				CONTROL	VOLTAGE	BUG RATING	REMARKS	NOTES
						WATTS (W)	LUMENS	CCT (K)	CRI					
L0		SURFACE MOUNTED LINEAR GRAZER LIGHT WITH 30X30 OPTIC COMPLETE WITH MOUNTING BRACKETS AND C BOX.	BRIDGE, PERFORATED MESH SCREEN	LUMENPULSE LUMENFACADE NANO OR EQUAL APPROVED LOGN-7W-48VDC-12-30K-90-30X30-HFR-SAMM-FINISH BY ARCH-UCTL-	SURFACE MOUNTED	7W/FT	2986 LM4FT	3000	80	0-10V	120V			
L1		WALL RECESSED LINEAR LIGHT WITH ASYMMETRIC DISTRIBUTION COMPLETE WITH 0-10V DIMMING POWER SUPPLY.	ATRIUM INDIRECT LIGHTING	YOGE LIGHTING WEDGE SLOPE OR EQUAL APPROVED 707-WE-SL-LENGTH TO SUIT-WALL MOUNT-0-RP100-AEN-120V-2-HO-3500K-RA-FINISH BY ARCH	SURFACE MOUNTED	9.9W/FT	1288LMFT	3500	80	0-10V	120V		COMPLETE WITH REMOTE DRIVER ENCLOSURE	
L2		RECESSED ROUND ADJUSTABLE DOWNLIGHT COMPLETE WITH DIMMING POWER SUPPLY. SPOT OPTIC	ATRIUM/LIBRARY	ERCO QUINTA RECESSED DOWNLIGHT OR EQUAL APPROVED A600068	RECESSED	30.4W	3538LM	3500	90	0-10V	120V			
L3		RECESSED ROUND ADJUSTABLE DOWNLIGHT COMPLETE WITH DIMMING POWER SUPPLY. WIDE FLOOD OPTIC	ATRIUM	ERCO QUINTA RECESSED DOWNLIGHT OR EQUAL APPROVED A6000470	RECESSED	30.4W	3538LM	3500	90	0-10V	120V			
L4		SUSPENDED LED HIGH BAY PENDANT C/W POLYCARBONATE SHROUD AND DIMMING POWER SUPPLY.	GYM	METEOR LIGHTING DEXT MINI 12 OR EQUAL APPROVED DSM12-200-358-UNV-STV-90-FINISH BY ARCH-ST-PCS16	SUSPENDED	200W	26350	3500	80	0-10V	120V			
L5		LED FIBER OPTIC SYSTEM C/W ILLUMINATOR, FIBER STRANDS AND FIBER ENDS FOR A COMPLETE SYSTEM.	STEAM ROOM	BL LIGHTING FIBER OPTIC OR EQUAL APPROVED ILLUMINATORS HRC-FO-3000K-NO-010V-IP20 QTY: 5 FIBER END: P13-PV-CL QTY: 40 FIBER STRAND: EL-FO-250-IP68 QTY: 1000 LINEAR FOOT.	RECESSED	150W EACH ILLUMINATOR	1860LM EACH ILLUMINATOR	5000K	80	0-10V	120V		NATORIUM RATED.	
L6		SUSPENDED ROUND LED ADJUSTABLE PROJECTOR LIGHT C/W DIMMING POWER SUPPLY. FLOOD OPTIC.	CLIMBING FEATURE AND ATRIUM LOBBY	IGUZZINI LE FERROQUET PENDANT LARGE OR EQUAL APPROVED LARGE 162MM DIAM. SPOT LIGHT FLOOD OPTIC	SUSPENDED ADJUSTABLE	39W	5250LM	3500K	80	0-10V	120V			
L6B		SUSPENDED ROUND LED ADJUSTABLE PROJECTOR LIGHT C/W DIMMING POWER SUPPLY. WIDE FLOOD OPTIC.	FITNESS AND WEIGHTS	IGUZZINI LE FERROQUET PENDANT MEDIUM OR EQUAL APPROVED MEDIUM 152MM DIAM. SPOT LIGHT WIDE FLOOD OPTIC	SUSPENDED ADJUSTABLE	37.5W	4470LM	3500K	80	0-10V	120V			
L7A		4" DIAM ROUND DOWNLIGHT COMPLETE WITH HOUSING AND DIMMING POWER SUPPLY. 50DEG OPTIC.	DRY WASHROOMS	COOPER HALO COMMERCIAL HC4-10-D010-HM-0525-835-41-WD-W	RECESSED	10.5W	1000LM	3500	80	0-10V	120V	N/A		
L7B		4" DIAM ROUND DOWNLIGHT COMPLETE WITH HOUSING AND DIMMING POWER SUPPLY. 50DEG OPTIC.	VESTIBULES	COOPER HALO COMMERCIAL HC4-15-D010-HM-0525-835-41-WD-W	RECESSED	14.5W	1500LM	3500	80	0-10V	120V	N/A		
L7C		4" DIAM ROUND DOWNLIGHT COMPLETE WITH HOUSING AND DIMMING POWER SUPPLY. 50DEG OPTIC.	KITCHEN	COOPER HALO COMMERCIAL HC4-20-D010-HM-0525-835-41-WD-W	RECESSED	20.6W	2000LM	3500	80	0-10V	120V			
L8		ROUND SURFACE MOUNTED LED LIGHT WITH GLASS DIFFUSER COMPLETE WITH DIMMING POWER SUPPLY.	MPR	BEGA B12161	SURFACE	25.1W	2286LM	3000	90	0-10V	120V			
L8A		HANDRAIL PUCK LIGHT WITH ASYMMETRIC DISTRIBUTION COMPLETE WITH REMOTE DIMMING POWER SUPPLY.	FEATURE STAIR ATRIUM	ZANEEEN EYES 17 E12R0008-3000-ASYMETRIC	RECESSED HANDRAIL	2.33	150LM	3500	80	0-10V	24VDC		ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF DRIVERS WITH ARCHITECT	
L8B		HANDRAIL PUCK LIGHT WITH SYMMETRIC DISTRIBUTION COMPLETE WITH REMOTE DIMMING POWER SUPPLY.	FEATURE STAIR ATRIUM	ZANEEEN EYES 17 E12R0008-3000-SYMETRIC	RECESSED HANDRAIL	2.33	150LM	3500	80	0-10V	24VDC		ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF DRIVERS WITH ARCHITECT	
L10		2X2 RECESSED LED TROFFER COMPLETE WITH DIMMING POWER SUPPLY AND MOUNTING KIT	OFFICES, PROGRAM SPACES	AXIS LIGHTING AURA 2X2 AULED-24-2500LM-90-35-SC-W-120-DP-1-MOUNTING TBD BY ARCH	RECESSED	18	2500LM	3500	90	0-10V	120V			
L11		LED LINEAR TAPE LIGHT COMPLETE WITH LOW PROFILE ALUMINUM EXTRUSION AND OPAL LENS REMOTE DIMMING POWER SUPPLY.	UNDER CABINETS	BL LIGHTING D3 FLEXFORM D3-F-35K-24-IP20 C/W CH212, OPAL LENS AND DIMMING POWER SUPPLY.	SURFACE MOUNTED	5.5	370FT	3500	90	0-10V	24VDC		ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF DRIVERS WITH ARCHITECT	
L12		4" LED LINEAR VAPORTITE STRIP. HIGH IMPACT POLYCARBONATE LENS. WET IP67 RATED.	MECHANICAL BOH, WET STORAGE, WATER ENTRY ROOM	COOPER METALUX VAPORTITE LED 4VT3-SL3C3-W-UNV	SUSPENDED	28.5	4055	3500	90	0-10V	120V			
L13		4" LED LINEAR LIGHT. SQUARE FROSTED LENS COMPLETE WITH DIMMING POWER SUPPLY AND BI LEVEL SENSOR	BOH STAIRS	COOPER METALUX SNK LENSED SNX 4SNX-45SLW-UNV-L385-CD-1-U + AYC-CHAINSET-U & BI LEVEL SENSOR.	WALL/SURFACE MOUNTED	31W	4500LM	3500	90	0-10V	120V		COMPLETE WITH BI LEVEL SENSOR	
L14		4" LED LINEAR LIGHT. SQUARE FROSTED LENS COMPLETE WITH DIMMING POWER SUPPLY AND FIELD INSTALLABLE SENSOR KIT (FOR STORAGE ROOMS ONLY)	BACK OF HOUSE	COOPER METALUX SLSTP SLSTP 4SLSTP4040D-UNV + SLSTP M500 KIT (STORAGE ROOMS ONLY)	SUSPENDED	38.9W	5210LM	3500	90	0-10V	120V		COMPLETE WITH FIELD INSTALLABLE PIR SENSOR KIT 100% 50% OFF (S) SLSTP M500 KIT FOR STORAGE ROOMS ONLY	
L15		LED LINEAR COVE LIGHT COMPLETE WITH DIMMING POWER SUPPLY AND MOUNTING BRACKETS.	REFER TO DWGS	LUMENPULSE LUMENCORE LINEAR LOV-UL-120-LENGTH TO SUIT-10W-30K-90-FR-NF-PDA1-SM-MWH-WH-NA-NH-MWH	SURFACE	10W/FT	37054FT	3500	90	0-10V	120V			
L16		SUSPENDED LED LINEAR PENDANT LIGHT WITH DIRECT/INDIRECT DISTRIBUTION C/W DIMMING POWER SUPPLY. INDEPENDENT IP20 CONTROL.	OFFICES, PROGRAM SPACES	FLUXWERX VIEW OR EQUAL APPROVED VUB-B-D-90-FINISH BY ARCH-LENGTH TO SUIT-TBC-F2M-12	SUSPENDED	38W/4FT	48004FT	3500	90	0-10V	120V			
L17		DESK MOUNTED LED LINEAR TASK LIGHT COMPLETE WITH DIMMING POWER SUPPLY.	LIBRARY	YOGE LIGHTING RACE RAIL TASK LIGHT OR EQUAL APPROVED 107-RR-01-LENGTH TO SUIT-TA-18"-21"-75-AEN-1-Z-50-3500K-2-FINISH BY ARCH	DESK MOUNTED	760LMFT	6W/FT	3500	80	0-10V	120V			
L18		ROUND RECESSED DOWNLIGHT COMPLETE WITH DIMMING POWER SUPPLY.	UNDER BRIDGE	LUMENPULSE LUMENCORE DISCREET NANO OR EQUAL APPROVED LADN-A-120L13-35K-CR69-W-RD-TBC-DA1-TBC-HL	RECESSED	13W	1300LM	3500	80	0-10V	120V			
L19		SUSPENDED LED FLOOD LIGHT WITH ADJUSTABLE ASYMMETRIC INDIRECT DISTRIBUTION COMPLETE WITH DIMMING POWER SUPPLY AND GLARE SHIELD VISOR.	FITNESS	METEOR BOLT NOVA 700W OR EQUAL APPROVED	SUSPENDED (RIGID STEM)	750W	80000LM	3500	80	0-10V	120V			
L20		ADJUSTABLE SUSPENDED LED LINEAR PENDANT LIGHT WITH ROUND PROFILE AND INDIRECT ONLY DISTRIBUTION C/W DIMMING POWER SUPPLY.	LIBRARY	YOGE RACE RAIL OR EQUAL APPROVED 107-RR-01-LENGTH TO SUIT-OC-300"-2R100-AEN-120-Z-HO-3500K-G1-ZZ-FINISH B ARCH	SUSPENDED	12.4W/FT	1260LMFT	3500	90	0-10V	120V		COMPLETE WITH REMOTE DRIVER ENCLOSURES	
L21		4" DIAM ROUND SUSPENDED LED PENDANT LIGHT C/W DIMMING POWER SUPPLY.	BOH VESTIBULE	ABOVE ALL CARL CYLINDER LIGHT OR EQUAL APPROVED CCL4-07-205P-3W-8-60-PSM-FINISH BY ARCH	SUSPENDED	20W	2000LM	3500	90	0-10V	120V			
L22		RECESSED ROUND ADJUSTABLE DOWNLIGHT COMPLETE WITH DIMMING POWER SUPPLY. SPOT OPTIC	ATRIUM/LIBRARY	ERCO QUINTA RECESSED ADJUSTABLE DOWNLIGHT OR EQUAL APPROVED A600053	RECESSED	28.1	1519lm	3500	90	0-10V	120V			
N1A		4" DIAM ROUND DOWNLIGHT WITH REGRESSED LENS COMPLETE WITH HOUSING AND DIMMING POWER SUPPLY.	NATORIUM LEVEL 1	PACO SEALED DOWNLIGHT 4" MD4-W5-6-35MM-SY-RL-WH-120-D1	RECESSED	7W	500LM	3500	80	0-10V	120V		NATORIUM RATED.	
N1B		4" DIAM ROUND DOWNLIGHT WITH REGRESSED LENS COMPLETE WITH HOUSING AND DIMMING POWER SUPPLY.	NATORIUM LEVEL 1	PACO SEALED DOWNLIGHT 4" MD4-W10-6-35MM-SY-RL-WH-120-D1	RECESSED	13W	856LM	3500	80	0-10V	120V		NATORIUM RATED.	
N2A		2" WIDE RECESSED LINEAR SLOT COMPLETE WITH DIMMING POWER SUPPLY AND MUD FLANGE FOR DRYWALL CEILING.	DRY CHANGE ROOM LEVEL 1	PACO VEKTOR 2 VR2-LENGTH TO SUIT-75-8-35MM-W-MF-D1	RECESSED	7.5W/FT	750LMFT	3500	80	0-10V	120V		NATORIUM RATED.	
N2B		2" WIDE RECESSED LINEAR SLOT COMPLETE WITH DIMMING POWER SUPPLY AND MUD FLANGE FOR DRYWALL CEILING.	NATORIUM LEVEL 1	PACO VEKTOR 2 NATORIUM RATED VR2-LENGTH TO SUIT-75-8-35MM-W-MF-D1	RECESSED	7.5W/FT	750LMFT	3500	80	0-10V	120V		NATORIUM RATED.	
N3		RECESSED UNDERWATER POOL LIGHT WITH TEMPERED GLASS COMPLETE WITH BACK BOX AND DIMMING POWER SUPPLY. IK10 RATED. 70DEG DISTRIBUTION HALF MOON SHIELD.	UNDERWATER POOL LIGHTING	FILIX LIGHTING USA FLIX ARPOOL XM FAXM-TM-L-40-W-24-1	RECESSED	21W	2079LM	3500	80	0-10V	24VDC		NATORIUM RATED	
N4		RECESSED UNDERWATER POOL LIGHT WITH TEMPERED GLASS COMPLETE WITH BACK BOX AND DIMMING POWER SUPPLY. IK10 RATED. 70DEG DISTRIBUTION HALF MOON SHIELD.	UNDERWATER POOL LIGHTING	FILIX LIGHTING USA FLIX ARPOOL M FAM-TM-H-40-W-24-1	RECESSED	15W	1000LM	3500	80	0-10V	24VDC		NATORIUM RATED	
N5		SUSPENDED LED FLOOD LIGHT WITH ADJUSTABLE ASYMMETRIC INDIRECT DISTRIBUTION COMPLETE WITH DIMMING POWER SUPPLY AND GLARE SHIELD VISOR. NATORIUM RATED.	POOL	METEOR BOLT NOVA BLTN-1050-408-UNV-STV-5V-WHT-LS6-GSV-NAT	SUSPENDED (RIGID STEM)	1050W	141750 LM	3500	85	0-10V	120V		NATORIUM RATED	
N6		SAUNA RATED LINEAR LIGHT COMPLETE WITH DIMMING POWER SUPPLY AND MOUNTING BRACKETS. IP67 RATED.	SAUNA	BL LIGHTING SAUNA FLAT SNF-N-2200K-24-IP68-LENGTH TO SUIT	SURFACE MOUNTED	1.83W/FT	61LMFT	2200K	80	0-10V	24VDC		NATORIUM RATED	
N7		RECESSED 2X2 TROFFER. WET RATED AND NATORIUM RATED. COMPLETE WITH DIMMING POWER SUPPLY.	WET MPR	PACO LIGHTING PRCLM OR EQUAL APPROVED PRCLM-SOW-22-TBC-8000-90-35K-MV-RF1-GW-1C-D-NATORIUM RATED	RECESSED	68W	8000	3500	90	0-10V	120V		NATORIUM RATED	
P1		ROUND SURFACE MOUNTED LIGHT COMPLETE WITH DIMMING POWER SUPPLY.	PARKING STALL	MCGRAW-EDISON TT TOP TIER OR EQUAL APPROVED TT-D3-830-U-WQ-FINISH BY ARCH	SURFACE MOUNTED	47W	5662	3500	80	0-10V	120V			
P2		ROUND SURFACE MOUNTED LIGHT COMPLETE WITH DIMMING POWER SUPPLY.	PARKING DRIVE ASLE	MCGRAW-EDISON TT TOP TIER OR EQUAL APPROVED TT-D5-830-U-WQ-FINISH BY ARCH	SURFACE MOUNTED	74W	8483	3500	80	0-10V	120V			

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8 2025.12.19	ISSUED FOR 60% CD	

Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LUMINAIRE  
SCHEDULE

Printed Date  
12/19/2025 4:32:08 PM

Sheet number  
Current Issue 8

E150

TYPE	IMAGE	DESCRIPTION	LOCATION	LUMINAIRE SCHEDULE (EXTERIOR)	MOUNTING	LED PERFORMANCE				CONTROL	VOLTAGE	BUG RATING	REMARKS	NOTES
						WATTS (W)	LUMENS	CCT (K)	CRI					
E1		7.6m HIGH POLE WITH 3 PROJECTORS, WIDE FLOOD, SNOOT, IP66, IK09	LANDSCAPE PLAZA	LUMENPULSE LUMENBEAM MEDIUM LMB-120-30K-WFL-8K-DIM-CABLE LENGTH TBD-BK + PM4 + SNW + SISTEMALUX POLE PL-584-ALU-25-8K-WL	POLE	3 x 28 (84)	3 x 2020 (6060)	3000	80	0-10V	120	B1-U0-G0	PROVIDE A 5-15R DUPLEX GFCI WEATHERPROOF RECEPTACLE WITH LOCKABLE COVER AT THE BASE OF THE POLE LIGHT.	
E2		15' HIGH POLE LUMINAIRE, TYPE II DISTRIBUTION, IP66	LANDSCAPE PLAZA	LUMEN URBAN SCAPE OR EQUAL APPROVED MPTC-55W32LED-3K-G3-LE2-UNV-DMG-RC	POLE	55	5664	3000	80	0-10V	120	N/A	PROVIDE A 5-15R DUPLEX GFCI WEATHERPROOF RECEPTACLE WITH LOCKABLE COVER AT THE BASE OF THE POLE LIGHT.	
E3		ROUND LED HANDRAIL LIGHTING COMPLETE WITH DIMMING POWER SUPPLY AND OUTDOOR RATED ENCLOSURE.	LANDSCAPE PLAZA	KLIX USA LED POOL XL25 OR EQUAL APPROVED XL25-30K-500-A-FLD-CLR-TBC	RECESSED HANDRAIL	1.9	148	3000	90	0-10V(1%)	24VDC	B0-U1-G0		
E4		ENCAPSULATED LED LINEAR, HORIZONTAL BENDING, IP68	LANDSCAPE PLAZA	U TECHNOLOGY ULTRAFLEX SERIES UT-JFH-24V-IP68-30K-MOUNTING CHANNEL-PERPENDICULAR	SURFACE	3FT	210FT	3000	80	0-10V	120	B0-U1-G1		
E5A		10" RECESSED STEP LIGHT, ASYMMETRIC	LANDSCAPE PLAZA	SISTEMALUX GHOST SGH0-L10-830-REM-35-S-CASSC8034	RECESSED WALL	4	266	3000	80	0-10V	120	B0-U0-G0		
E5B		17" RECESSED STEP LIGHT, ASYMMETRIC	LANDSCAPE PLAZA	SISTEMALUX GHOST SGH0-L17-830-REM-35-S-CASSC8036	RECESSED WALL	7.5	532	3000	80	0-10V	120	B0-U0-G0		
X1		SURFACE MOUNTED AREA LIGHT WITH TYPE IV DISTRIBUTION AND DIMMING POWER SUPPLY	PARKING LOT - WALL MOUNTED	LUMENPULSE LUMENCON OR EQUAL APPROVED LUM120-CSL-L200-30K-CR80-4-8K-DIM	WALL MOUNTED	185W	18166	3000	80	0-10V	120V			
X2		POLE MOUNTED PARKING LOT LIGHT WITH DIMMING POWER SUPPLY C/W 28-FT TALL POLE WITH TYPE IV DISTRIBUTION	PARKING LOT - POLE MOUNTED	LUMENPULSE LUMENCON OR EQUAL APPROVED LUM120-CSL-L200-30K-CR80-4-8K-DIM	POLE MOUNTED	185	18166	3000	80	0-10V	120V			
X3		POLE MOUNTED ACCESS ROAD LIGHT WITH DIMMING POWER SUPPLY C/W 16-FT TALL POLE WITH TYPE II DISTRIBUTION	ACCESS ROAD - POLE MOUNTED	LUMENPULSE LUMENCON OR EQUAL APPROVED LUM120-CSL-M150-30K-CR80-2-8K-DIM	POLE MOUNTED	132	14342	3000	80	0-10V	120V			
X4		WALL MOUNTED LED LIGHT WITH DIRECT DISTRIBUTION C/W DIMMING POWER SUPPLY.	MOUNTED ABOVE EXIT DOORS.	SISTEMALUX LOOK WALL OR EQUAL APPROVED S7250-W-OF-REM-FINISH BY ARCH-D10	WALL MOUNTED	20	1113	3000	90	0-10V	120V			
X5		LED LIGHT BOLLARD WITH CONCRETE CORE	ACCESS ROAD - POLE MOUNTED	SELUX STEEL CORE OR EQUAL APPROVED 360 DEG. DISTRIBUTION	CONCRETE CORE REFER TO CIVIL FOR BASE DETAIL	20	1200	3000	80	0-10V	120V			

GENERAL NOTES  
A. DUE TO CONSTANT CHANGES IN CATALOGUE NUMBERS, ALL NUMBERS INDICATED MUST BE VERIFIED WITH THE MANUFACTURER PRIOR TO ORDERING.  
B. ALL LUMINAIRE FINISHES TO BE APPROVED BY ARCHITECT PRIOR TO ORDERING.  
C. TYPE OF CONSTRUCTION FOR ALL CEILINGS TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS PRIOR TO ORDERING MOUNTING KITS. CONTRACTOR TO OBTAIN A SET OF IFC ARCHITECTURAL DRAWINGS AND COORDINATE MOUNTING WITH CEILING TYPES SHOWN. NO EXTRAS WILL BE ALLOWED FOR RE-ORDERING OF LUMINAIRES OR MOUNTING KITS TO MATCH CEILING TYPES SHOWN ON ARCHITECTURAL PLANS.  
D. ELECTRICAL CONTRACTOR TO ALLOW A MINIMUM 2 WEEKS FOR INITIAL REVIEW OF ENTIRE LIGHTING SHOP DRAWING PACKAGE. NO DELAY CLAIMS WILL BE ALLOWED FOR ANY SUBSEQUENT REVIEW TIME REQUIRED DUE TO INCOMPLETE SHOP DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE LUMINAIRES ARE DELIVERED IN A TIMELY MANNER TO THE SITE. NO EXTRAS WILL BE ALLOWED FOR SUBSTITUTIONS OR RUSH CHARGES REQUIRED TO MEET PROJECT SCHEDULE.  
E. ELECTRICAL CONTRACTOR TO COORDINATE MOUNTING HEIGHT OF ALL LUMINAIRES WITH ARCHITECT PRIOR TO ROUGH-IN. COORDINATE SUSPENSION HEIGHT OF ALL SUSPENDED LUMINAIRES WITH ARCHITECT PRIOR TO INSTALLATION.  
F. ALL JUNCTION BOXES FOR SURFACE MOUNT LUMINAIRES SHALL NOT BE WIDER THAN THE LUMINAIRE MOUNTING PLATE.  
G. ALL LED LUMINAIRES ARE TO BE INCLUDED WITH CONSTANT CURRENT DRIVERS UNLESS OTHERWISE SPECIFIED.  
H. LIGHTING CONTROL SYSTEM TO BE COMMISSIONED ON SITE AFTER INSTALL. CONTRACTOR TO ENSURE THAT ALLOWANCE IS MADE FOR ADJUSTING AND COMMISSIONING OF ALL CONTROLS AS REQUIRED.  
I. ALL LUMINAIRES CONTROLLED BY OCCUPANCY/VACANCY SENSORS TO AUTOMATICALLY TURN OFF AFTER 20 MINUTES OF VACANCY UNLESS OTHERWISE NOTED.  
J. EMERGENCY LIGHTING SHALL BE CONTROLLED WITH THE SAME SWITCHING AS THE NORMAL LIGHTING. AT LOSS OF NORMAL

SPACE TYPE	OCCUPANCY SENSOR CONTROL					SWITCHING			SEQUENCE OF OPERATIONS
	MANUAL ON	AUTO ON	AUTO OFF	AUTO PARTIAL OFF	AUTO OFF AFTER HOURS	LOCAL MANUAL ON/OFF SWITCH	LOCAL MANUAL DIMMER SWITCH	TIMECLOCK SCHEDULE	
ACTIVE STUDIO	●		OFF 20 min			●			Manual ON, Auto OFF after 20 minutes of vacancy ON/OFF/DIM from entry wallstation
CORRIDOR, VEST.		ON 100%		50% 20 min	OFF 20 min			●	MS.1 Auto ON to 100% upon occupancy, Auto DIM to 50% after 20 minutes of vacancy during operational hours Auto ON to 100% upon occupancy, Auto OFF after 20 minutes of vacancy during non-operational hours ON/OFF/DIM of each zone from master control override at 118A RECEPTION
GYMNASIUM						●	●	MS.1	Timeclock ON at XX:XX (TBD BY OWNER) Timeclock OFF at XX:XX (TBD BY OWNER) ON/OFF/DIM of each zone from master control override at 118A RECEPTION ON/OFF/DIM of each zone from local dimmer wallstation.
JANITOR	●		OFF 20 min			●			Manual ON, Auto OFF after 20 minutes of vacancy ON/OFF from entry wallstation
KITCHEN		ON 50%	OFF 20 min			●			Auto ON to 50% upon occupancy sensor, Auto OFF after 20 minutes of vacancy ON/OFF/DIM from entry wallstation
LIBRARY				50% 20 min				●	MS.3 Timeclock ON at XX:XX (TBD BY OWNER) Timeclock OFF at XX:XX (TBD BY OWNER) ON/OFF/DIM of each zone from master control override at 203C FRONT DESK Library lighting control zones containing book stacks require Auto PARTIAL OFF TO 50% upon 20 minutes of vacancy.
LOBBY		ON 100%		50% 20 min	OFF 20 min			●	MS.1 Auto ON to 100% upon occupancy, remain ON during operational hours Auto ON to 100% upon occupancy, Auto OFF after 20 minutes of vacancy during non-operational hours ON/OFF/DIM of each zone from master control override at 118A RECEPTION
LOBBY (ELEVATOR)		ON 100%		50% 20 min	OFF 20 min			●	MS.1 Auto ON to 100% upon occupancy, remain ON during operational hours Auto ON to 100% upon occupancy, Auto OFF after 20 minutes of vacancy during non-operational hours ON/OFF/DIM of each zone from master control override at 118A RECEPTION
MULTIPURPOSE ROOM	●		OFF 20 min			●			Manual ON, Auto OFF after 20 minutes of vacancy ON/OFF/DIM from entry wallstation
NATATORIUM								●	MS.2 Timeclock ON at XX:XX (TBD BY OWNER) Timeclock OFF at XX:XX (TBD BY OWNER) ON/OFF/DIM of each zone from master control override at 124 AQUATIC STAFF (POOL CONTROL)
OFFICE (ENCLOSED)	●		OFF 20 min			●			Manual ON, Auto OFF after 20 minutes of vacancy ON/OFF/DIM from entry wallstation
OFFICE (OPEN)		ON 50%	OFF 20 min			●			Auto ON to 50% upon occupancy sensor, Auto OFF after 20 minutes of vacancy ON/OFF/DIM from entry wallstation
PARKING (INDOOR)		ON 100%		30% 20 min	OFF 20 min			●	● Auto ON to 100% upon occupancy, Auto DIM to 30% after 20 minutes of vacancy during operational hours Auto ON to 100% upon occupancy, Auto OFF after 20 minutes of vacancy during non-operational hours ON/OFF/DIM from master control override at TBD
RECEPTION		ON 100%		50% 20 min	OFF 20 min	●	●		Auto ON to 100% upon occupancy, Auto DIM to 50% after 20 minutes of vacancy during operational hours Auto ON to 100% upon occupancy, Auto OFF after 20 minutes of vacancy during non-operational hours ON/OFF/DIM from entry wallstation
SERVICE ROOM (MECH, ELEC, ELEV. CTRL, COMM)						●			Manual ON, Manual OFF
STAFF ROOM		ON 50%	OFF 20 min			●			Auto ON to 50% upon occupancy sensor, Auto OFF after 20 minutes of vacancy ON/OFF/DIM from entry wallstation
STAIRS		ON 100%	OFF 20 min						Auto ON to 100% upon occupancy, Auto OFF after 20 minutes of vacancy
STORAGE	●		OFF 10 min			●			Manual ON, Auto OFF after 20 minutes of vacancy ON/OFF from entry wallstation
WC (MULTI OCCUPANT)		ON 100%	OFF 20 min			●			Auto ON to 100% upon occupancy, Auto OFF after 20 minutes of vacancy ON/OFF from entry wallstation
WC (SINGLE OCCUPANT)		ON 100%	OFF 20 min			●			Auto ON to 100% upon occupancy, Auto OFF after 20 minutes of vacancy ON/OFF from entry wallstation

Sea  
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Key  
plan



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3							
4							
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6							
7							
8							

Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LIGHTING CONTROL  
SCHEDULE



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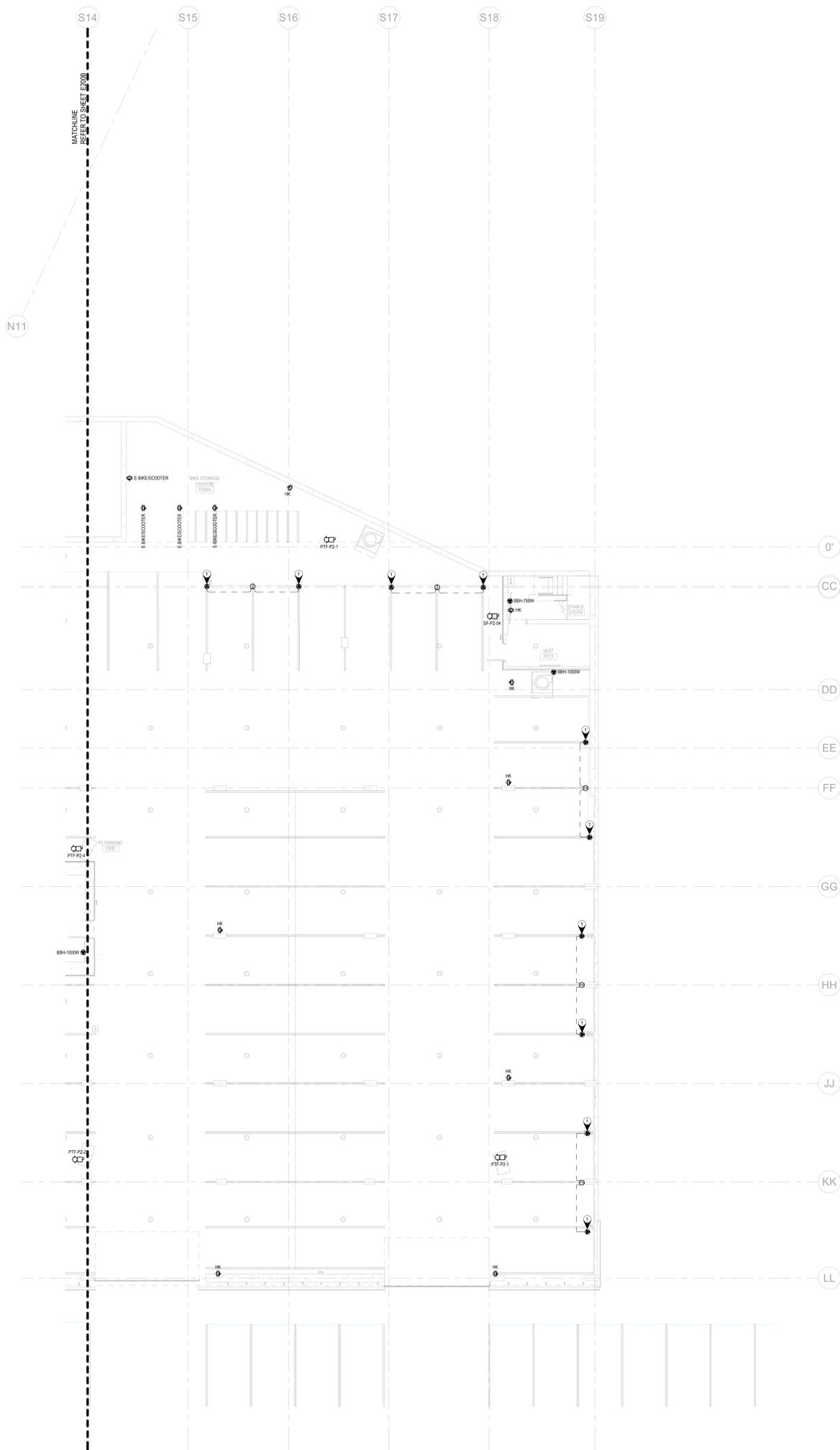
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6 2025.11.07	ISSUED FOR 50% CD
8 2025.12.19	ISSUED FOR 60% CD



1 LEVEL P2 EAST - POWER PLAN  
E200A

KEYNOTES  
1 PROVIDE MINIMUM 4mm DEDICATED CONDUIT BACK TO THE JUNCTION BOX AS SHOWN ON THE DRAWING.

Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LEVEL P2 EAST -  
POWER PLAN

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Key  
plan



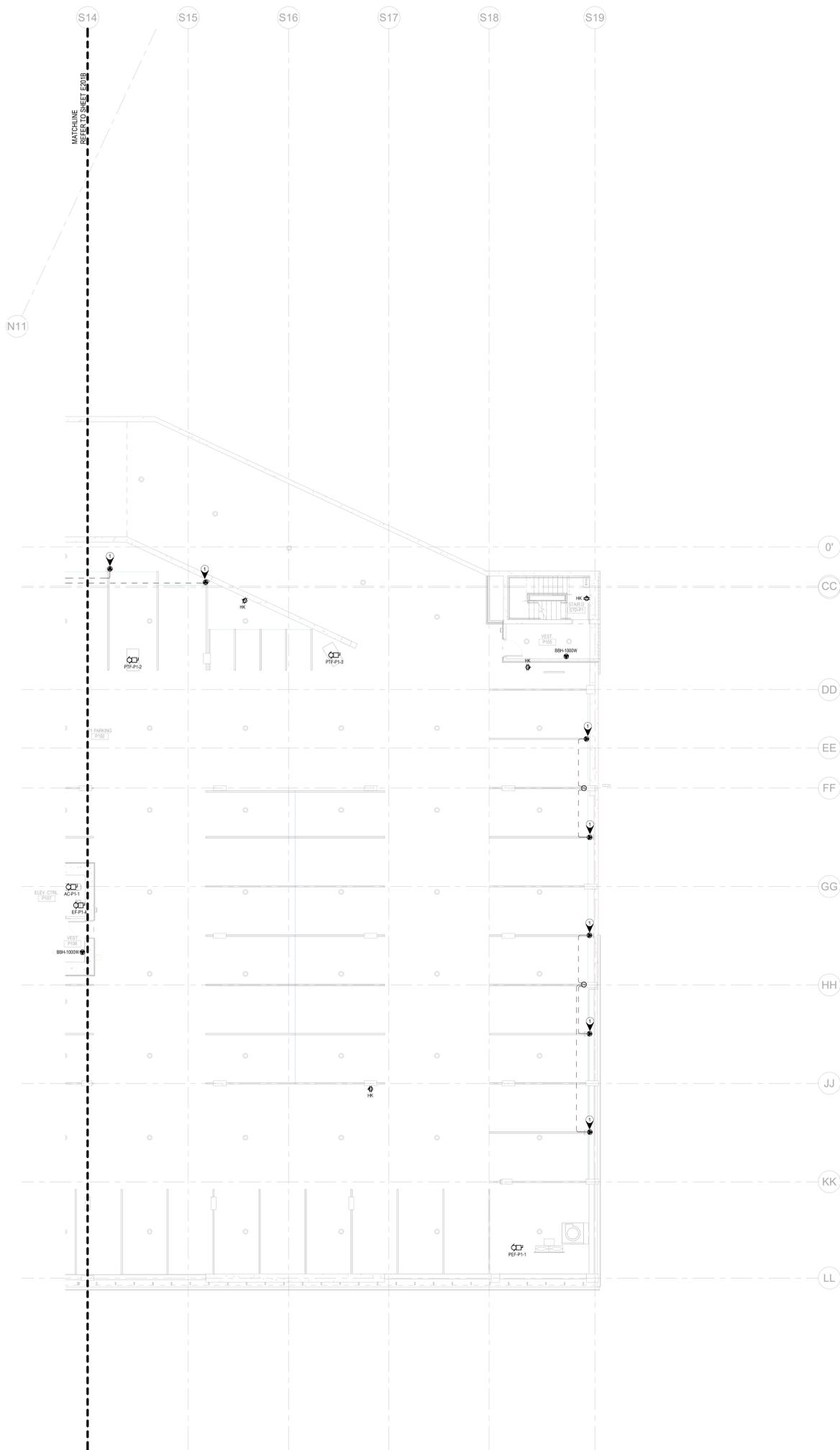
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4 2025.09.05	ISSUED FOR COORDINATION
5 2025.10.01	ISSUED FOR 25% CD
6 2025.11.07	ISSUED FOR 50% CD
8 2025.12.19	ISSUED FOR 60% CD

Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P1 EAST -  
POWER PLAN**

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1 LEVEL P1 EAST - POWER PLAN  
E201A

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Key plan



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6 2025.11.07	ISSUED FOR 50% CD
8 2025.12.19	ISSUED FOR 60% CD

Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P1 WEST - POWER PLAN**

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Current Issue 8

**E201B**



1 LEVEL P1 WEST - POWER PLAN  
E201B

KEYNOTES  
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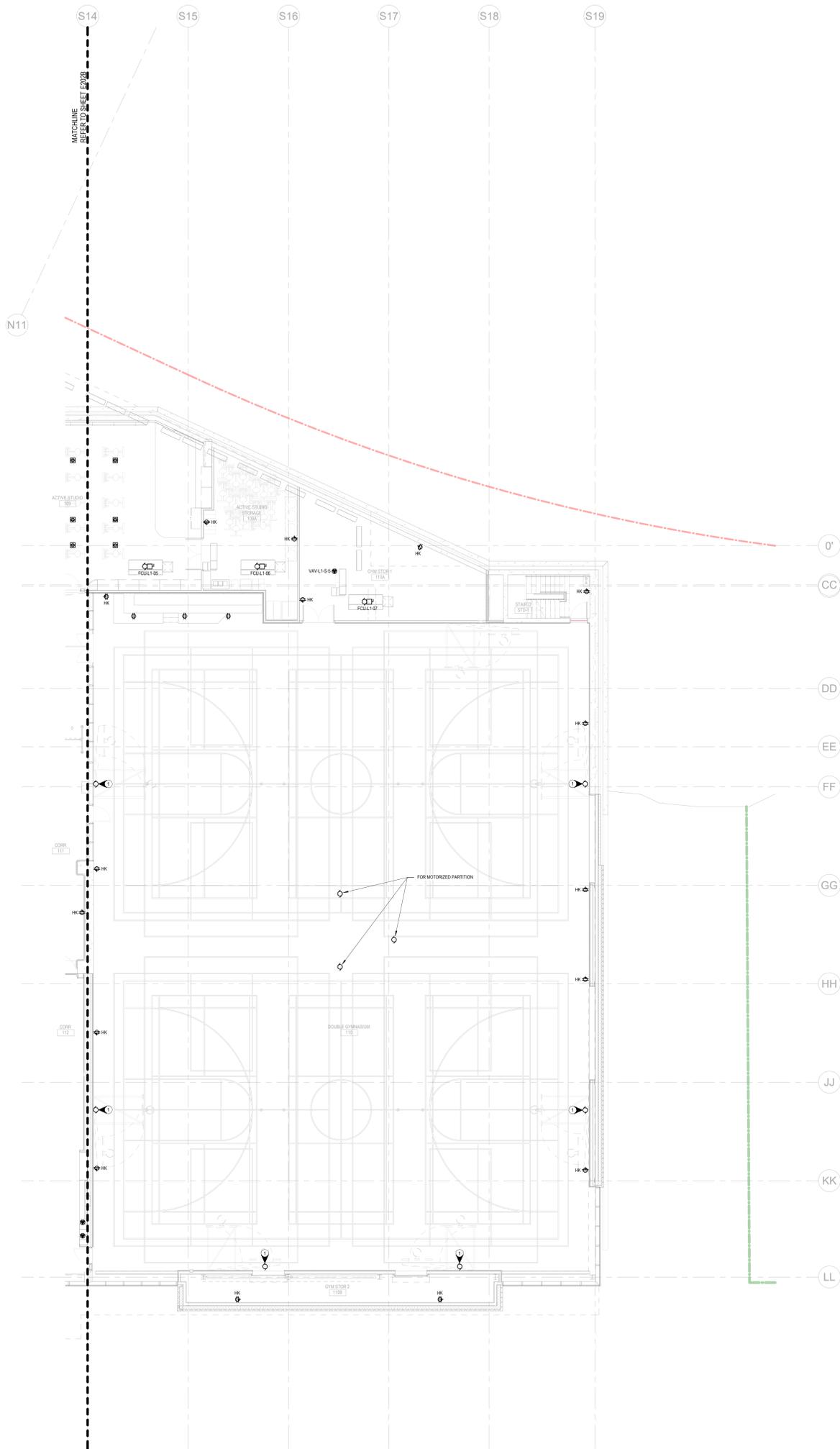
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**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
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POWER PLAN**

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Sheet number  
Current Issue 8

**E202A**



1 LOWER LEVEL EAST - POWER PLAN  
E202A

KEYNOTES  
1 FOR MOTORIZED BASKETBALL BACKSTOP

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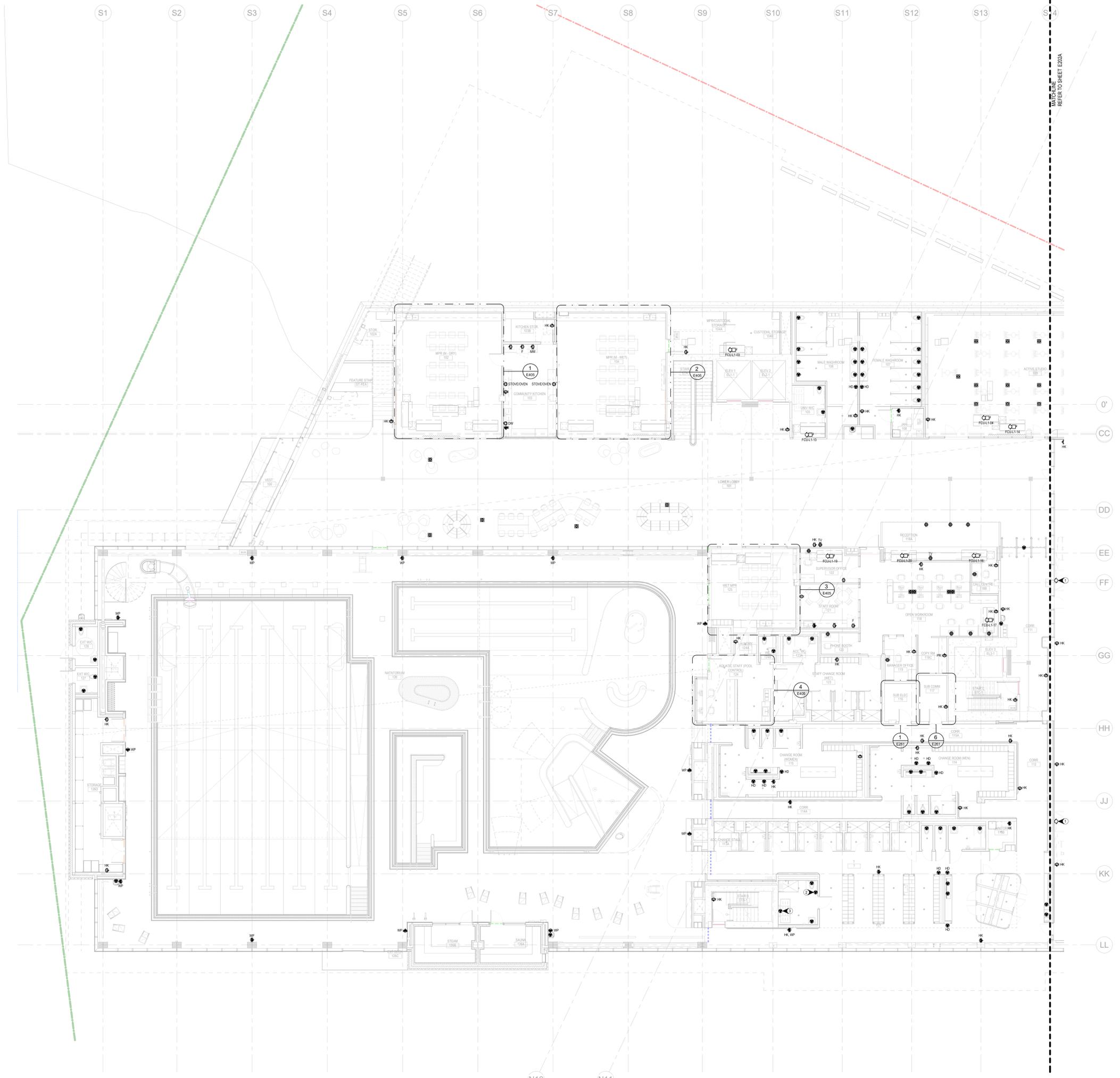
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Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LOWER LEVEL WEST - POWER PLAN**

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Current Issue 8

**E202B**



1 LOWER LEVEL WEST - POWER PLAN  
E202B

KEYNOTES  
1 FOR MOTORIZED BASEBALL BACKSTOP  
2 FOR MOTORIZED CEILING LIFT  
3 FOR MOTORIZED CHANGE TABLE



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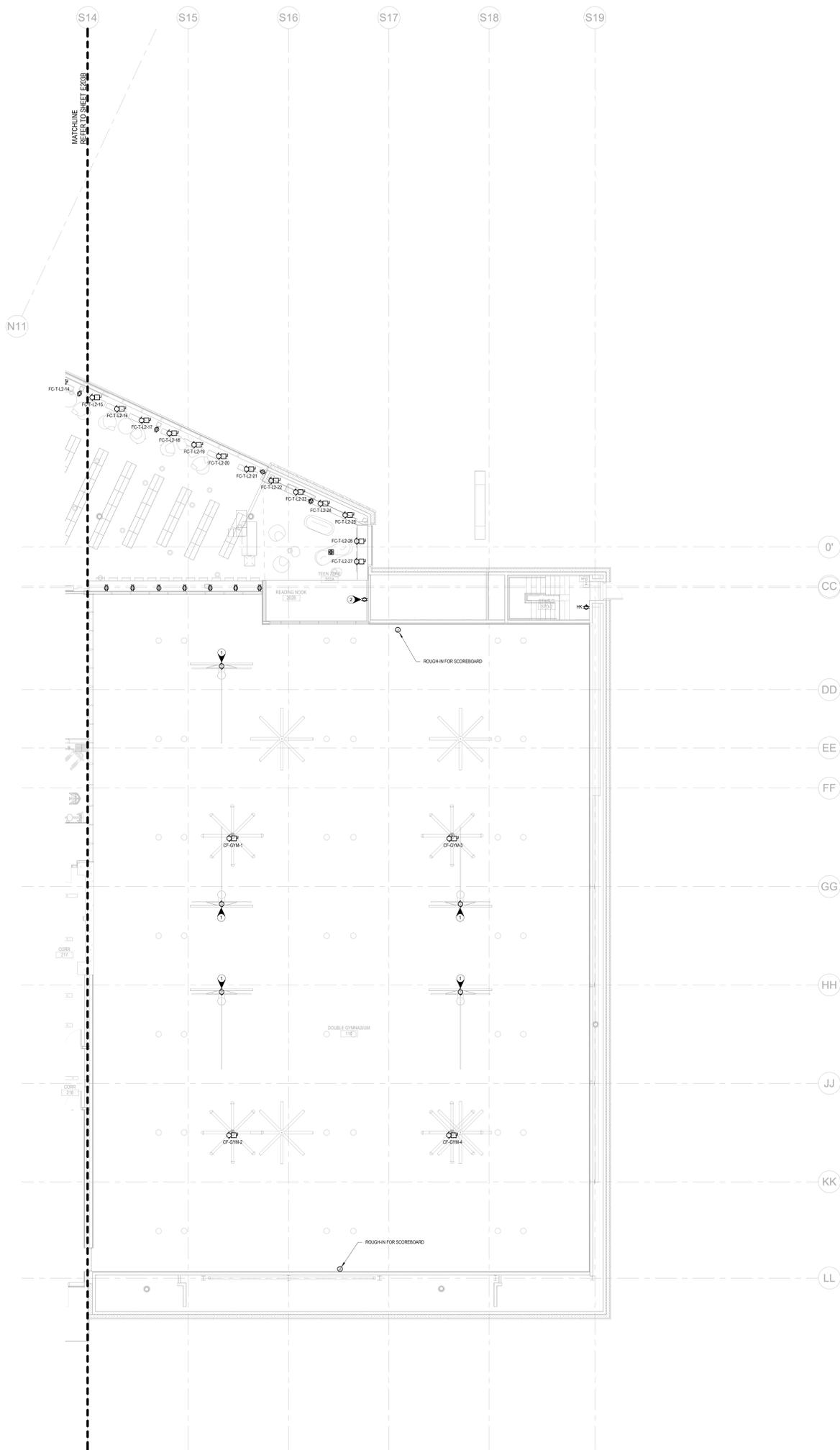
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**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**UPPER LEVEL EAST - POWER PLAN**

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12/19/2025 4:32:16 PM  
Current Issue 8

**E203A**



1 UPPER LEVEL EAST - POWER PLAN  
E203A

KEYNOTES  
1 FOR NOTORIZED BASEBALL BACKSTOP  
2 POWER FOR GAMING STATION



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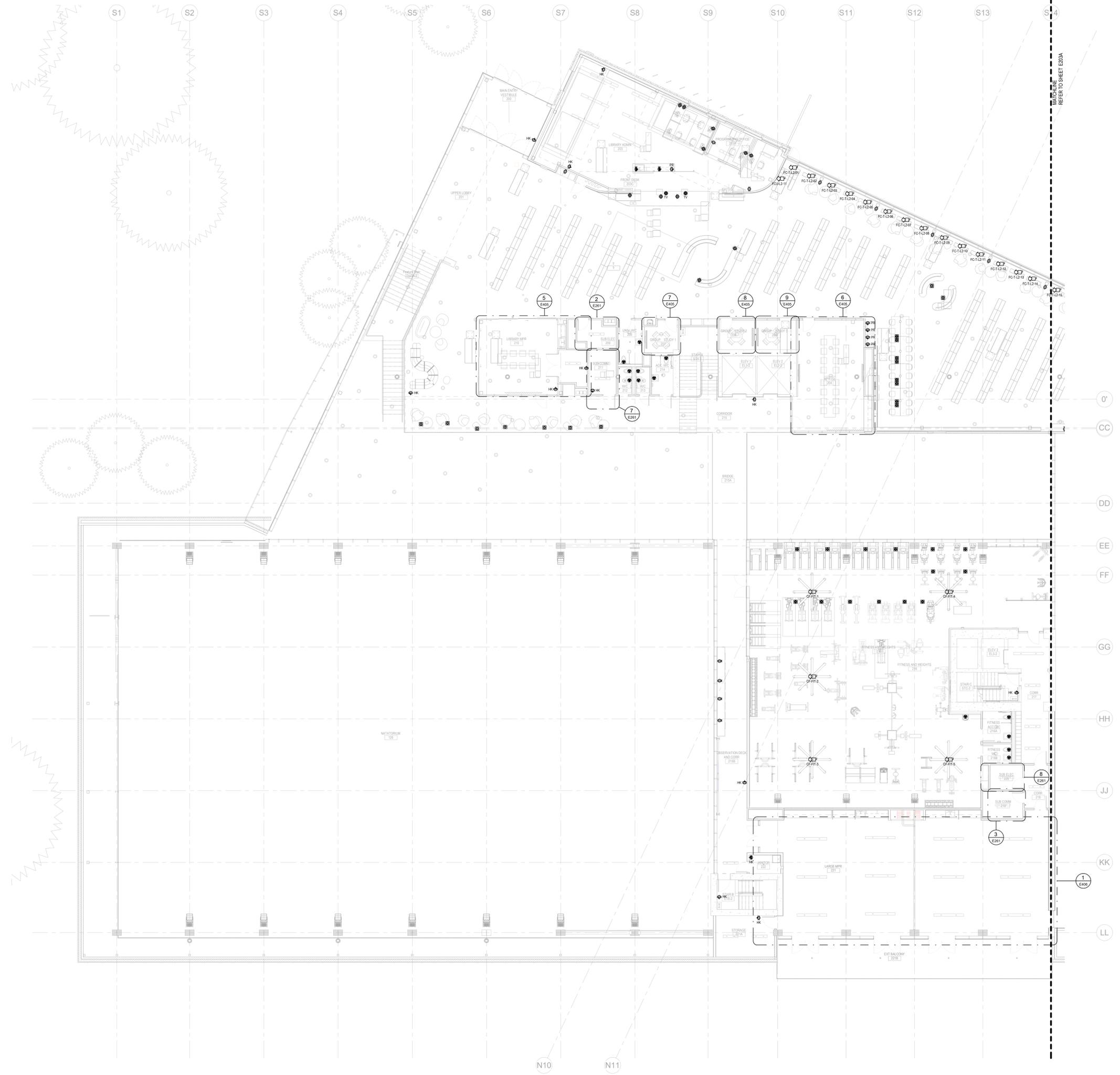
Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**UPPER LEVEL WEST - POWER PLAN**

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**E203B**



1 UPPER LEVEL WEST - POWER PLAN  
E203B

KEYNOTES



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**Burke Mountain  
Community Centre  
(BMCC)**

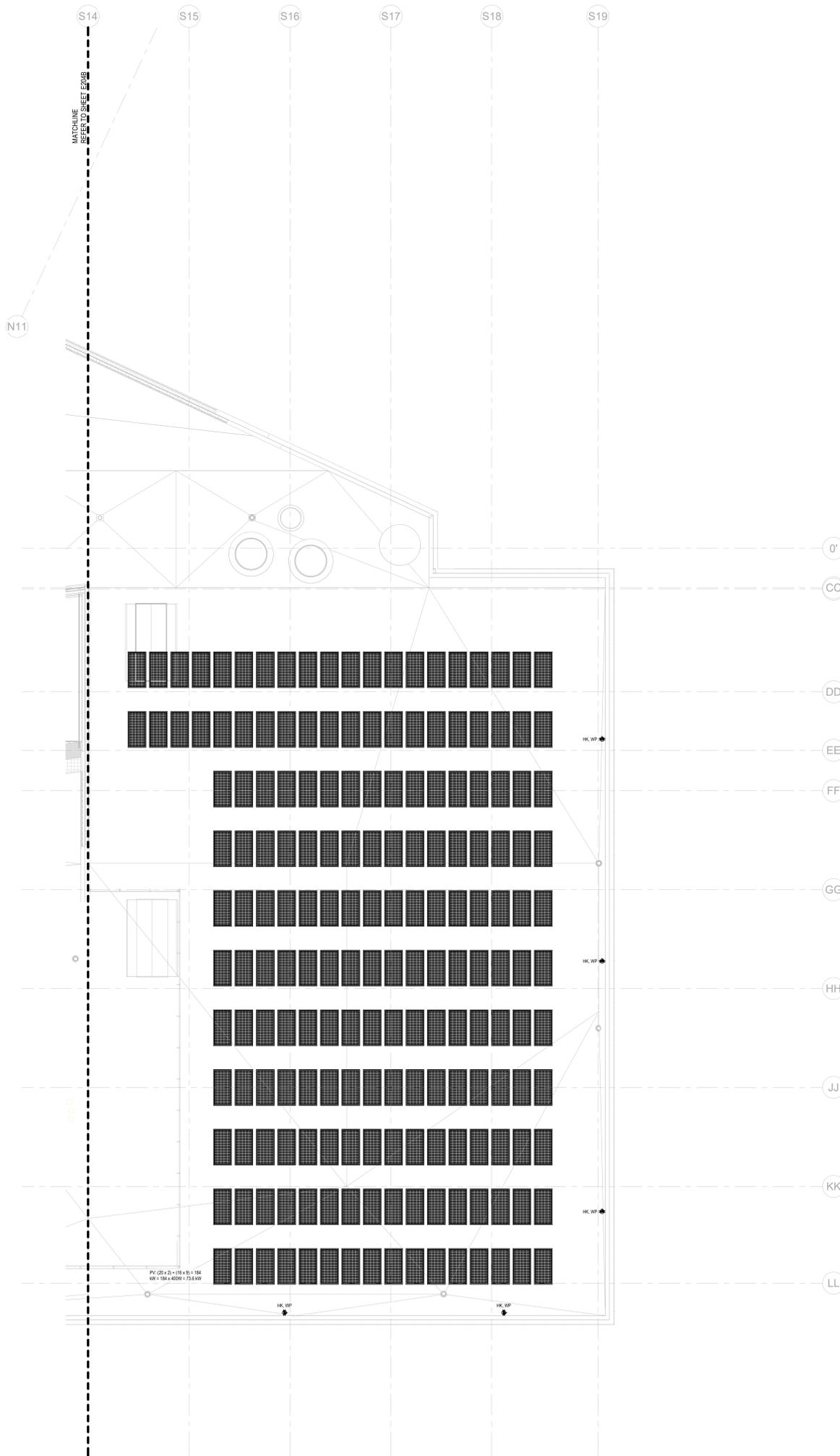
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City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**ROOF EAST - POWER  
PLAN**

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**E204A**



1 ROOF EAST - POWER PLAN  
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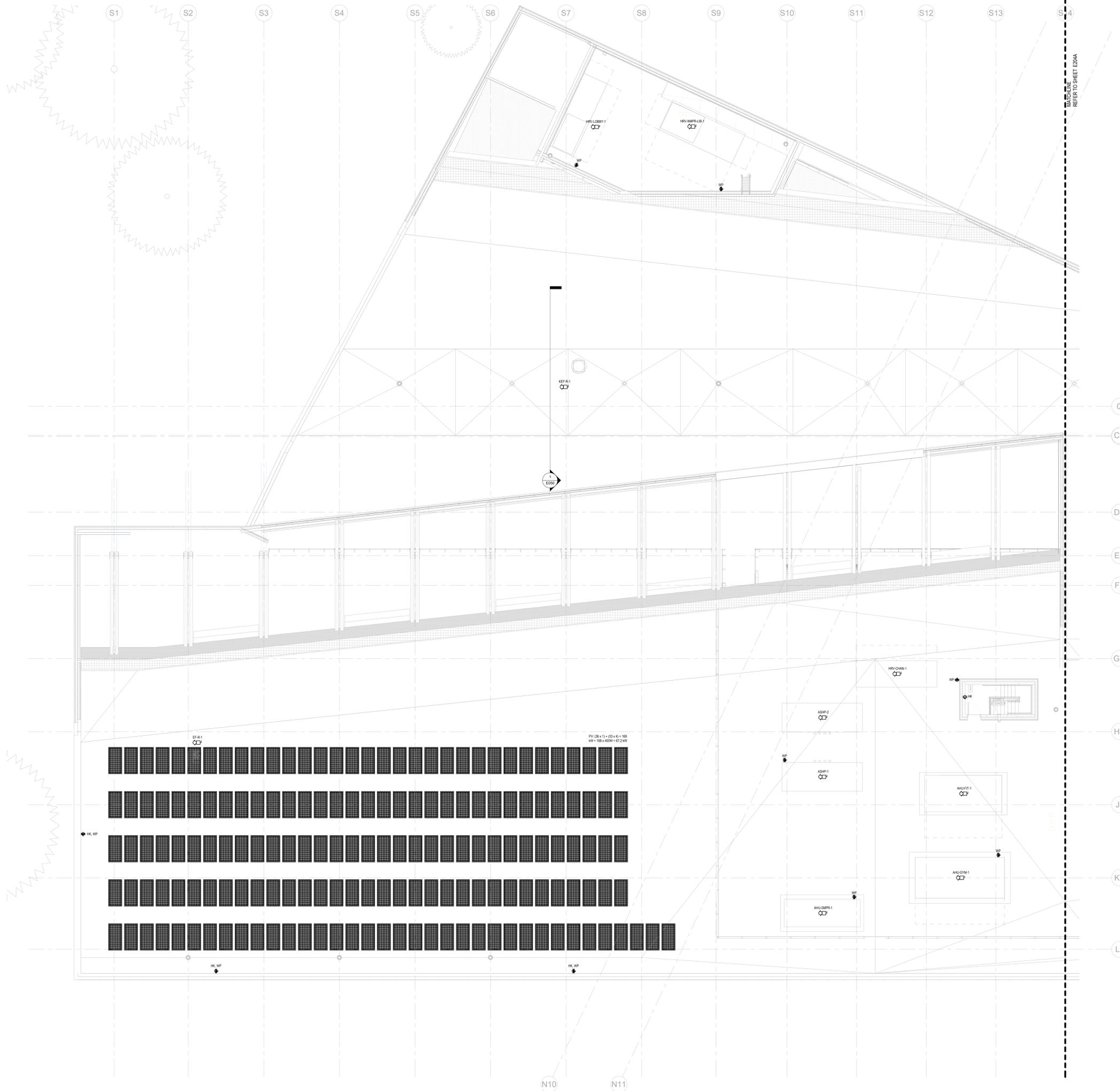
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Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
ROOF WEST - POWER  
PLAN

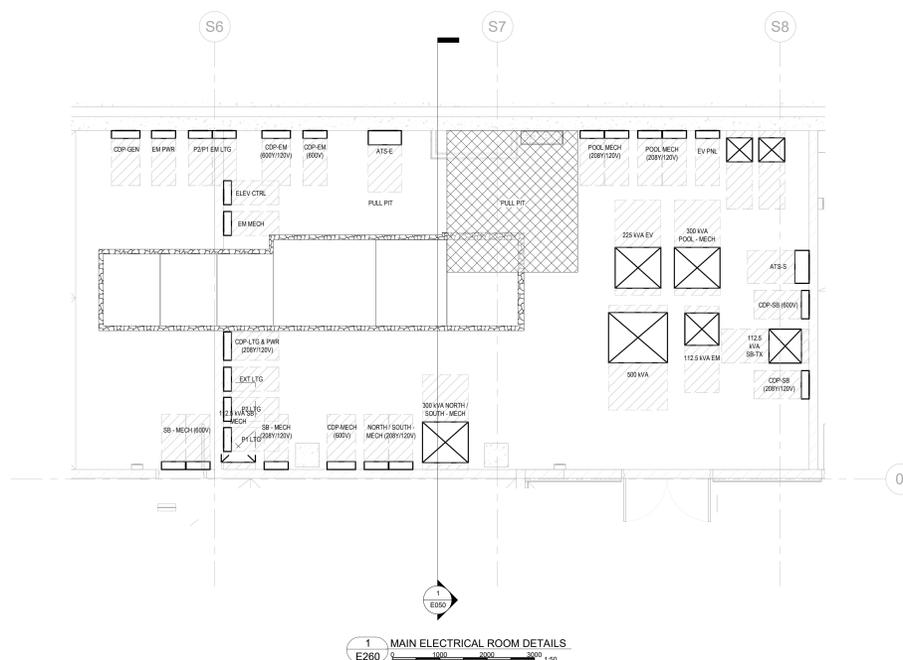
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E204B



1 ROOF WEST - POWER PLAN  
E204B





Sea  
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Key  
plan



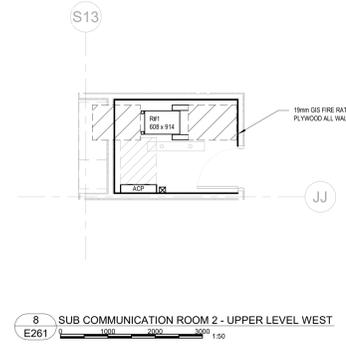
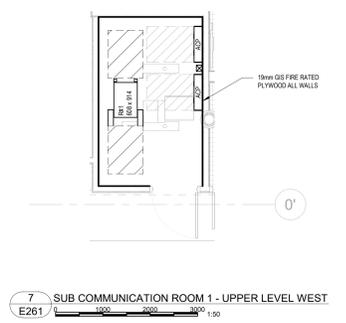
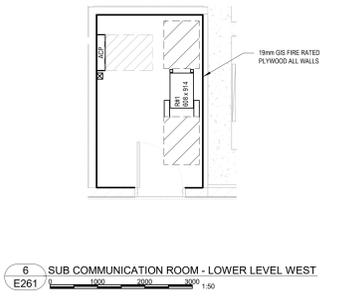
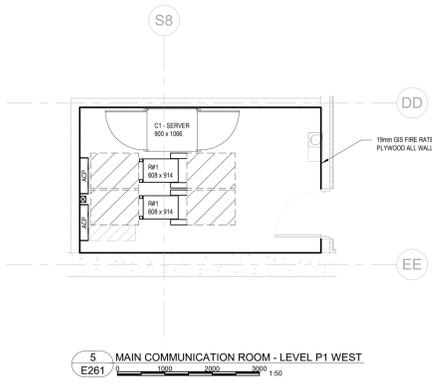
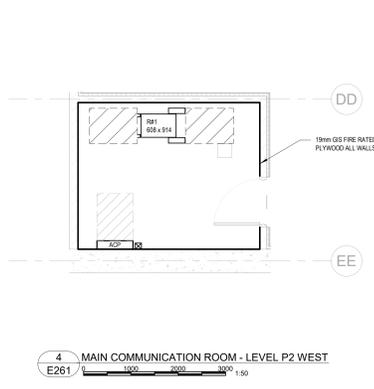
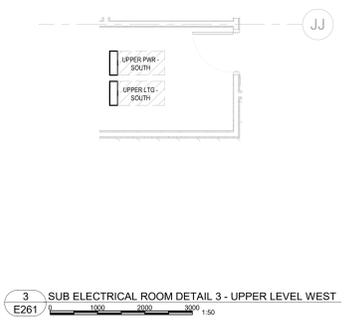
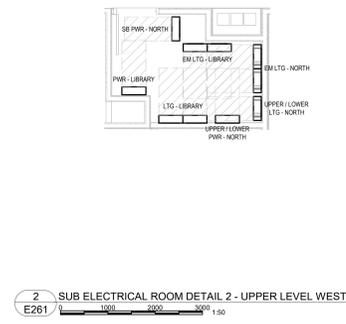
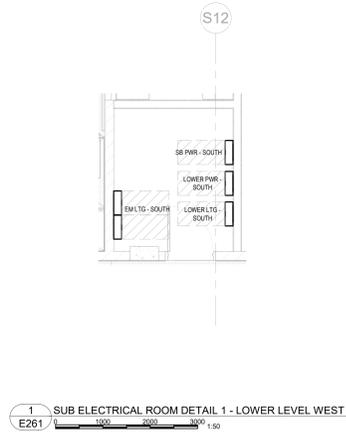
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5	2025.10.01	ISSUED FOR 25% CD
6	2025.11.07	ISSUED FOR 50% CD
8	2025.12.19	ISSUED FOR 60% CD

Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**MAIN ELECTRICAL  
ROOM DETAILS**



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Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**SERVICE ROOM DETAILS**









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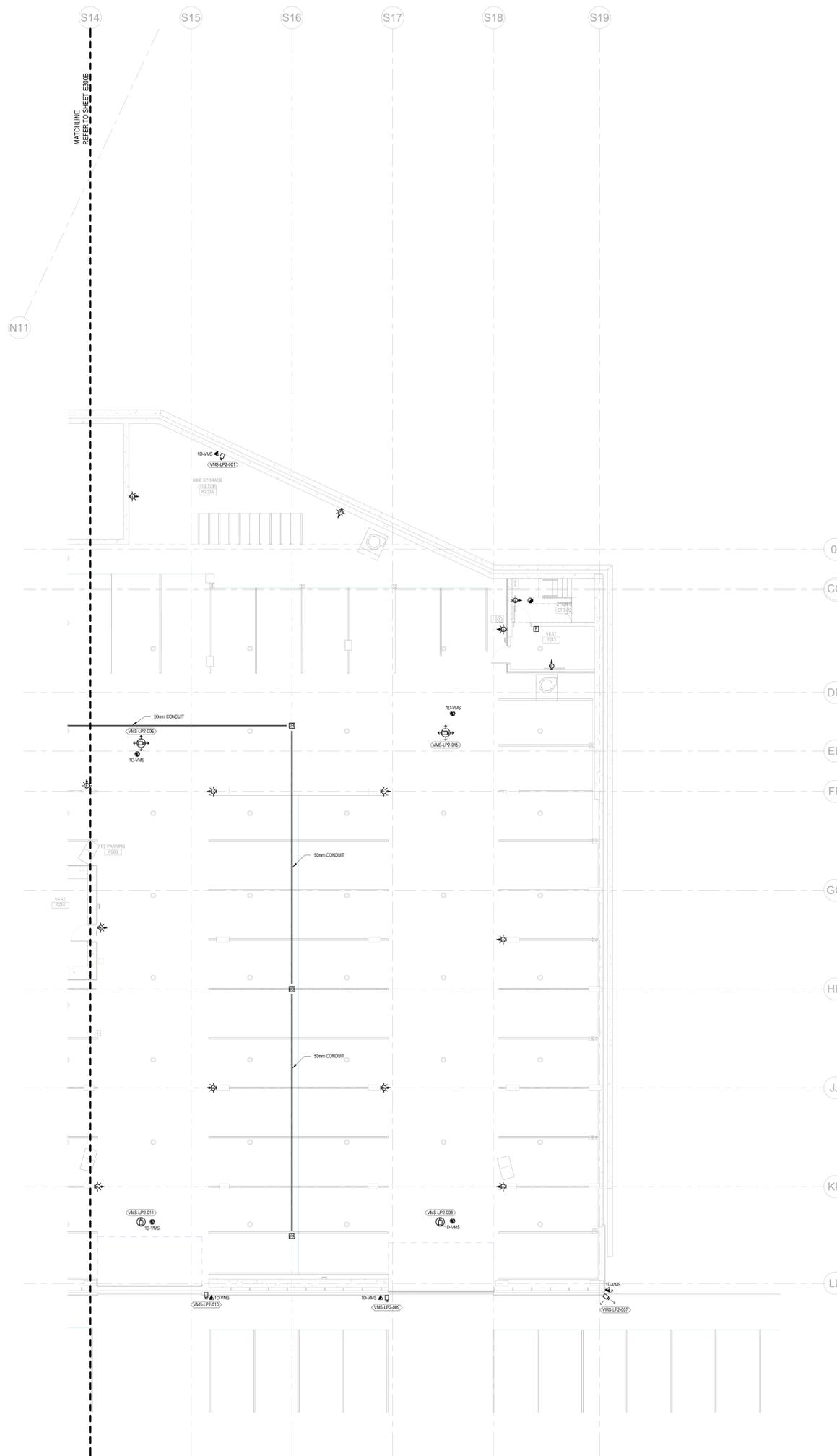
Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P2 EAST - LOW  
TENSION PLAN**

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1 LEVEL P2 EAST - LOW TENSION PLAN  
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plan



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3	2025.08.08	ISSUED FOR 100% DD
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5	2025.10.01	ISSUED FOR 25% CD
6	2025.11.07	ISSUED FOR 50% CD
7	2025.11.21	ISSUED FOR 50% CD
8	2025.12.19	ISSUED FOR 60% CD

Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P2 WEST - LOW  
TENSION PLAN**

Printed Date number  
12/19/2025 4:33:00 PM  
Current Issue 8

**E300B**



1 LEVEL P2 WEST - LOW TENSION PLAN  
E300B





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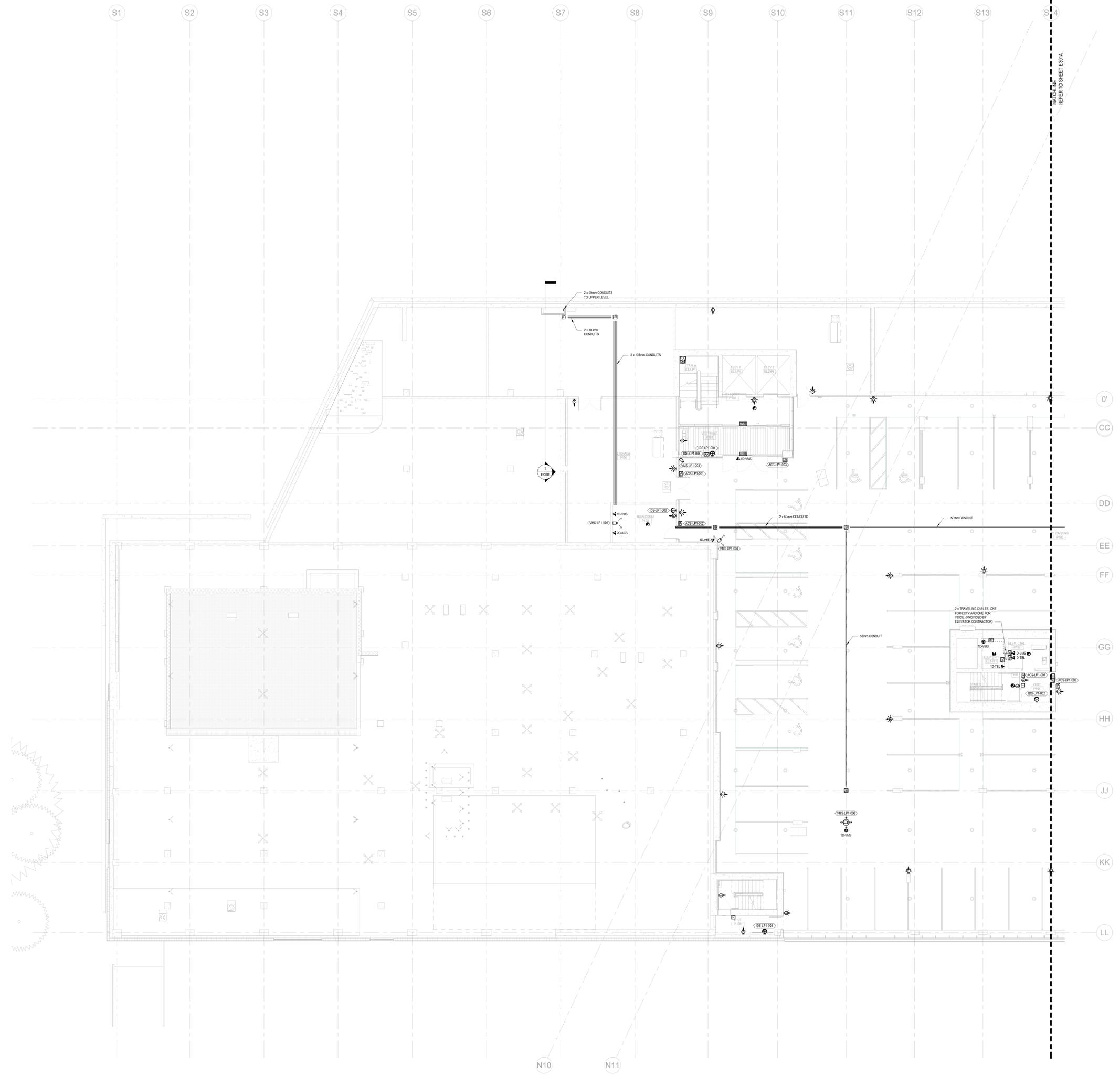
Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P1 WEST - LOW TENSION PLAN**

Printed Date number  
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Current Issue 8

**E301B**



1 LEVEL P1 WEST - LOW TENSION PLAN  
E301B



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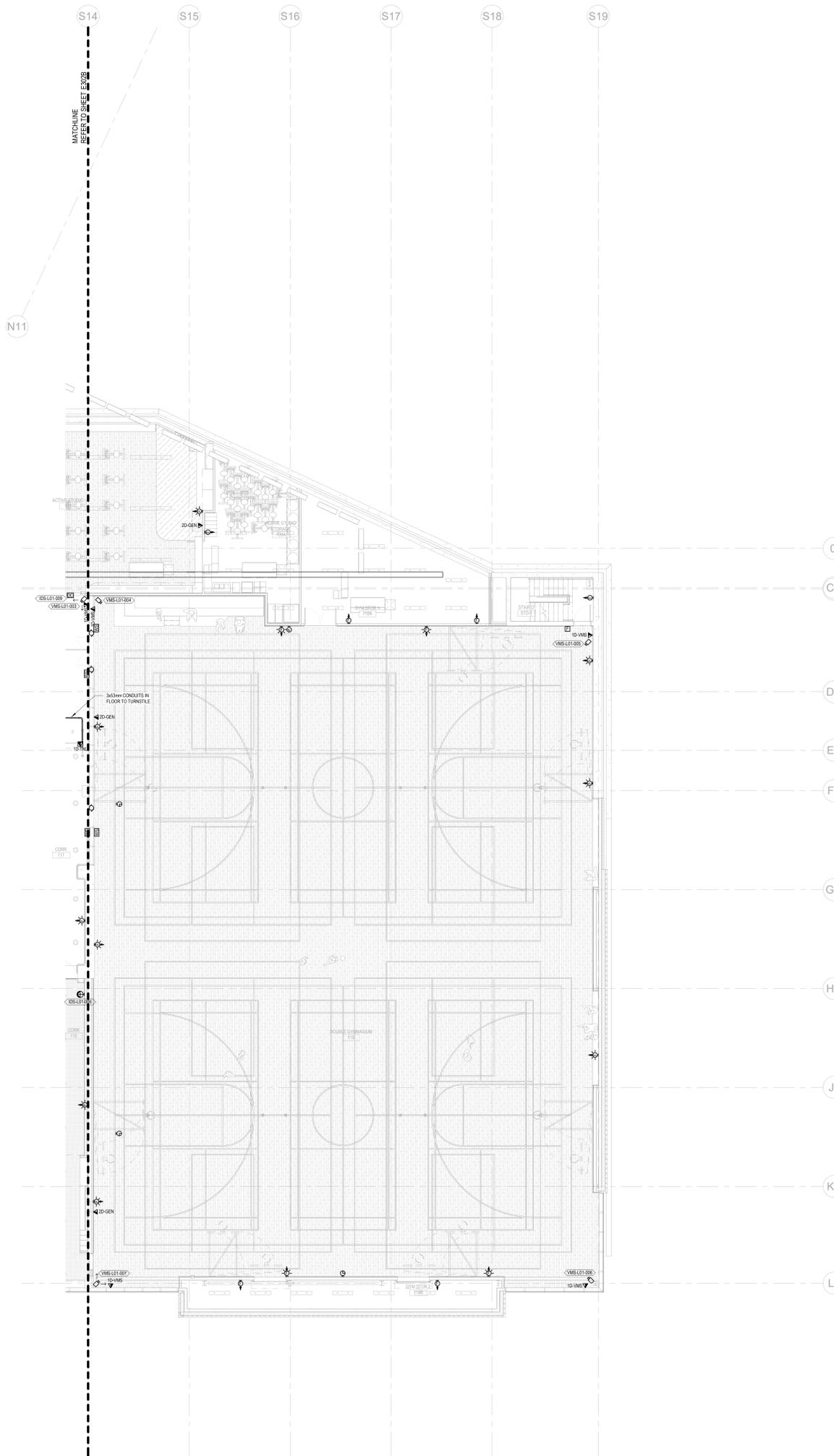
Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LOWER LEVEL EAST - LOW TENSION PLAN**

Printed Date Sheet number  
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Current Issue 8

**E302A**



1 LOWER LEVEL EAST - LOW TENSION PLAN  
E302A



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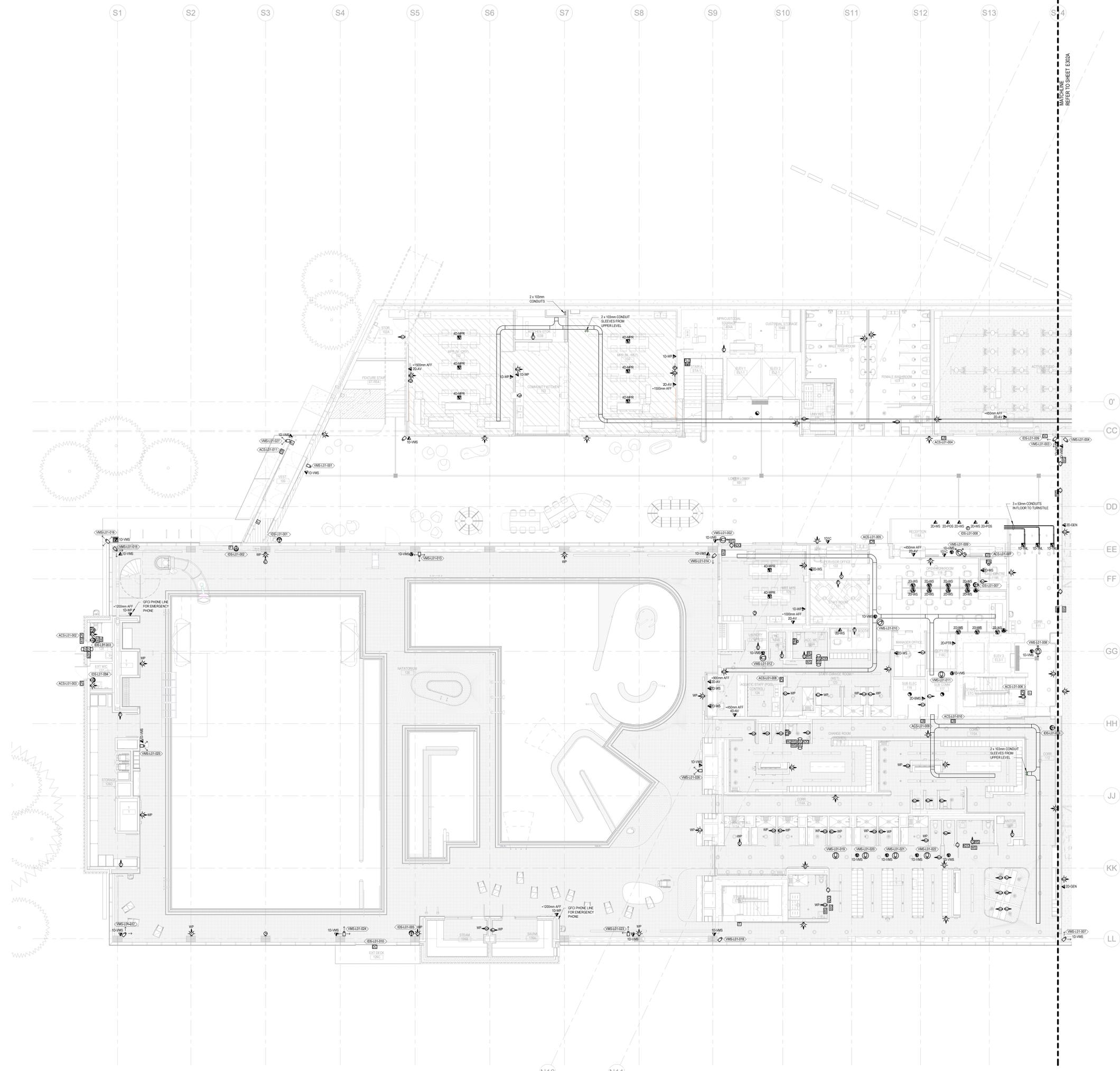
Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LOWER LEVEL WEST - LOW TENSION PLAN**

Printed Date 12/19/2025 4:33:05 PM  
Sheet number Current Issue 8

**E302B**



1 LOWER LEVEL WEST - LOW TENSION PLAN  
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Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

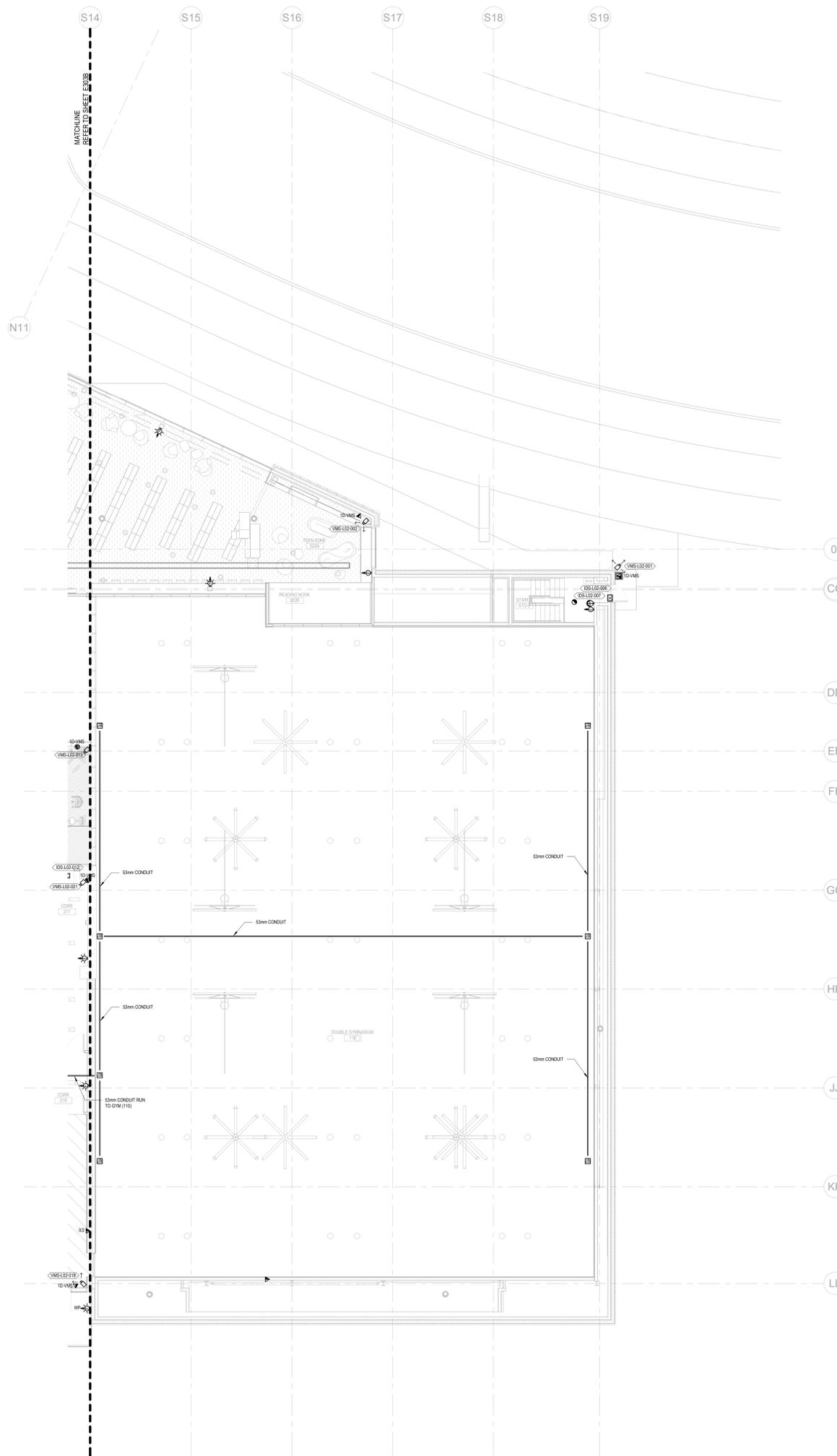
Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**UPPER LEVEL EAST -  
LOW TENSION PLAN**

Printed Date Sheet number  
12/19/2025 4:33:06 PM  
Current Issue 8

**E303A**



1 UPPER LEVEL EAST - LOW TENSION PLAN  
E303A



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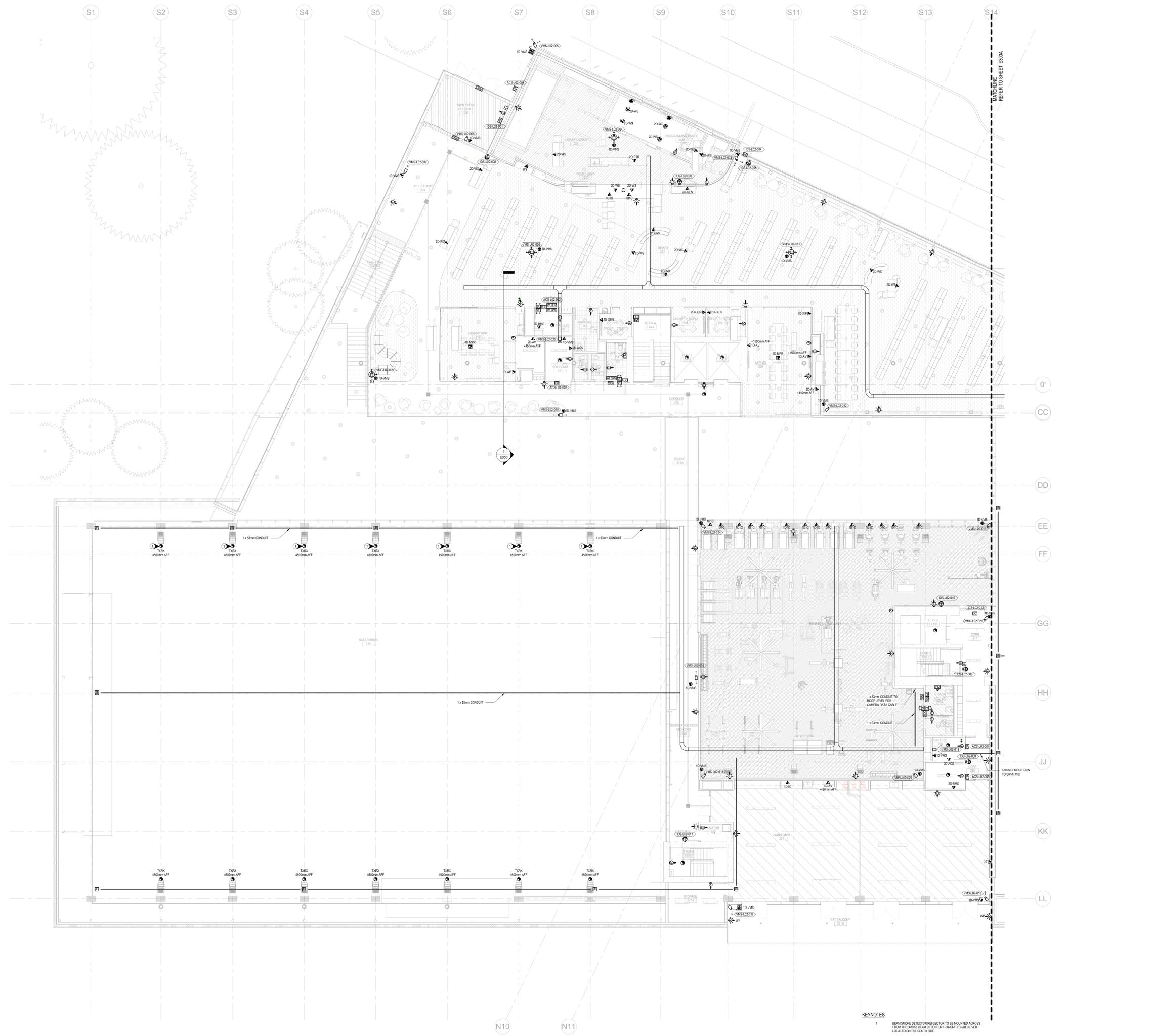
Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**UPPER LEVEL WEST - LOW TENSION PLAN**

Printed Date  
12/19/2025 4:33:10 PM  
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Current Issue 8

**E303B**



1 UPPER LEVEL WEST - LOW TENSION PLAN  
E303B

KEYNOTES

BEAM SMOKE DETECTOR REFLECTOR TO BE MOUNTED ACROSS FROM THE SMOKE BEAM DETECTOR TRANSMITTER/RECEIVER LOCATED ON THE SOUTH SIDE.



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6	2025.11.07	ISSUED FOR 50% CD
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Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

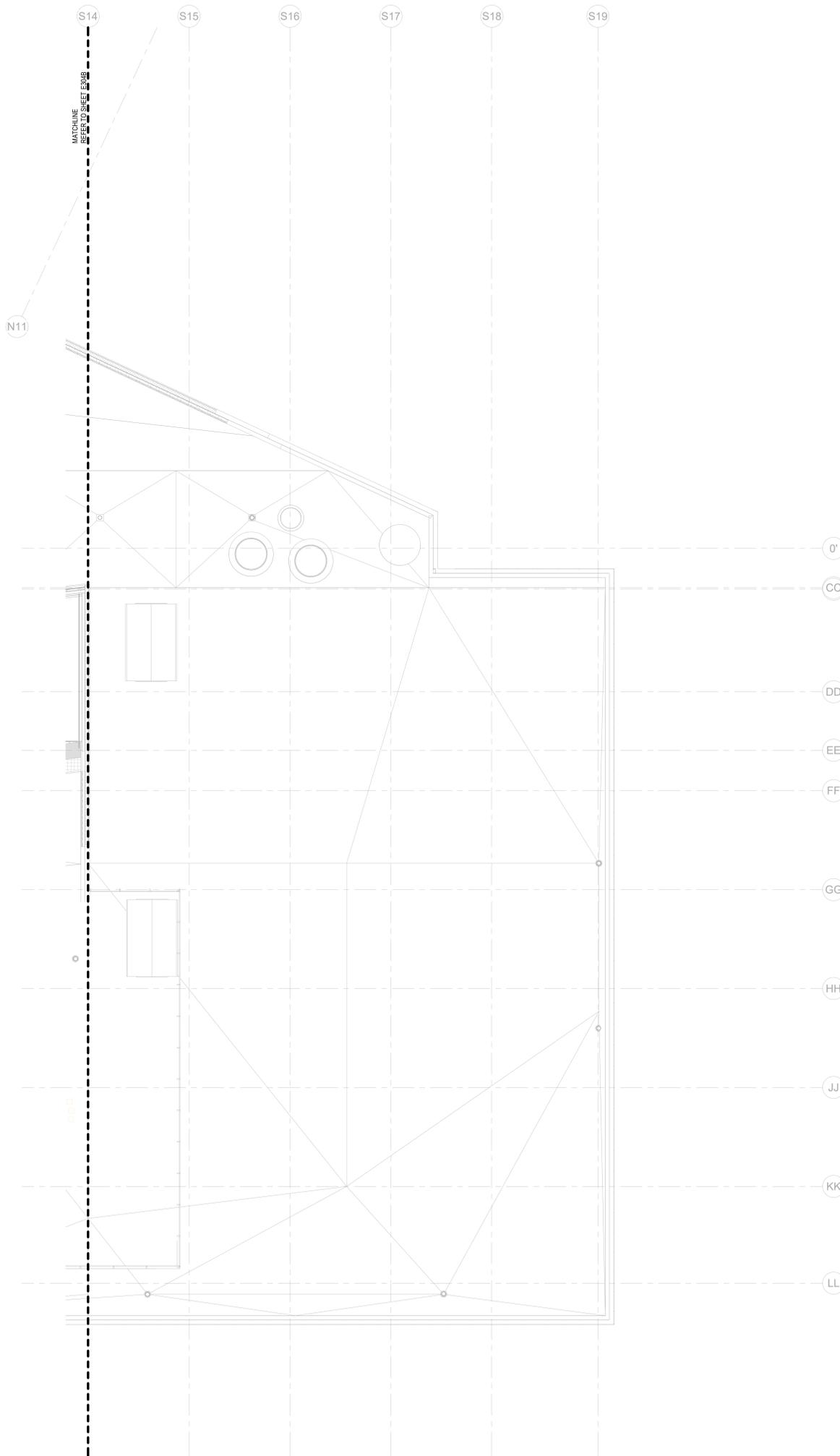
Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**ROOF EAST - LOW  
TENSION PLAN**

Printed Date  
12/19/2025 4:33:10 PM  
Sheet number  
Current Issue 8

**E304A**



1 ROOF EAST - LOW TENSION PLAN  
E304A



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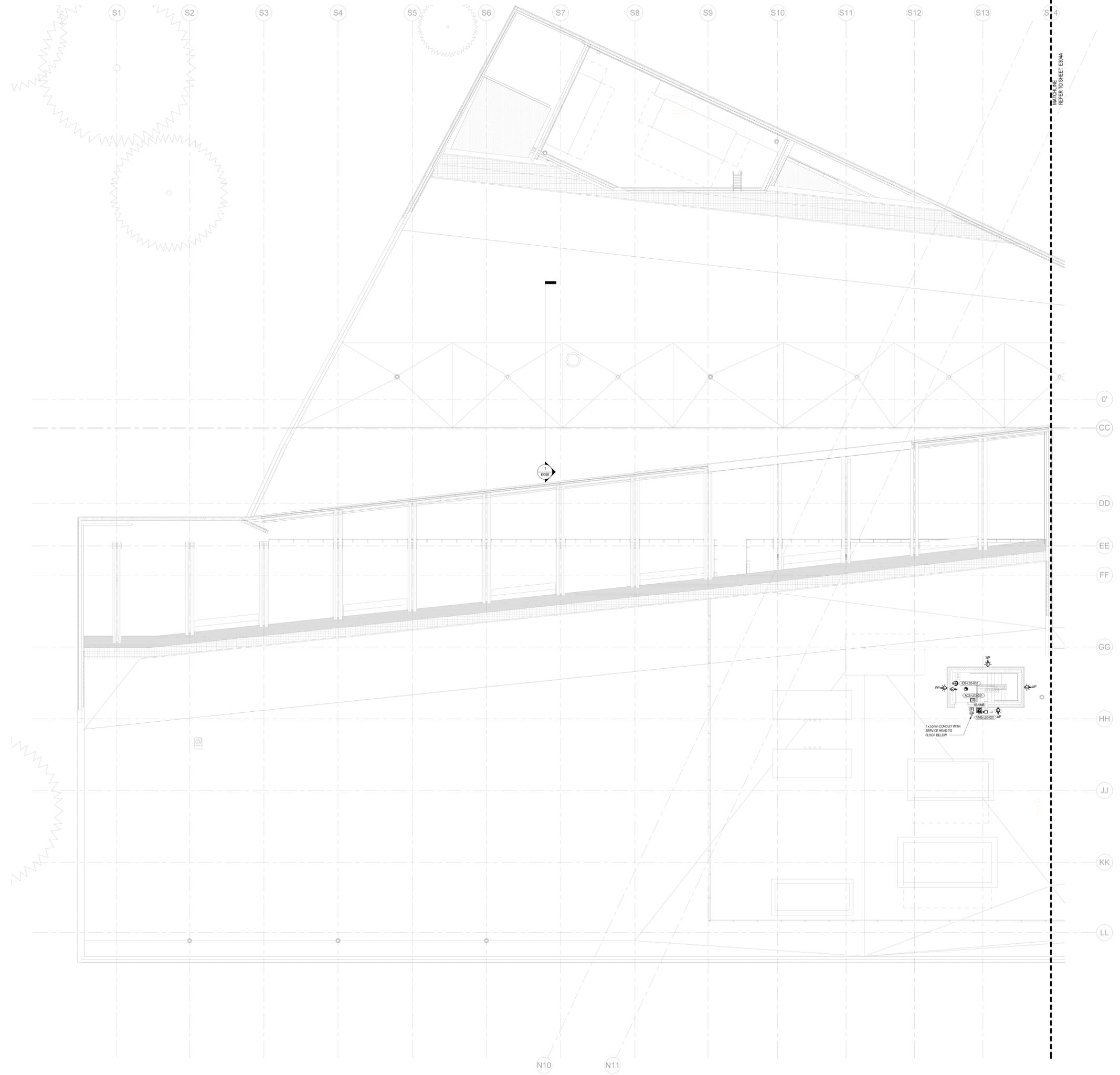
Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**ROOF WEST - LOW  
TENSION PLAN**

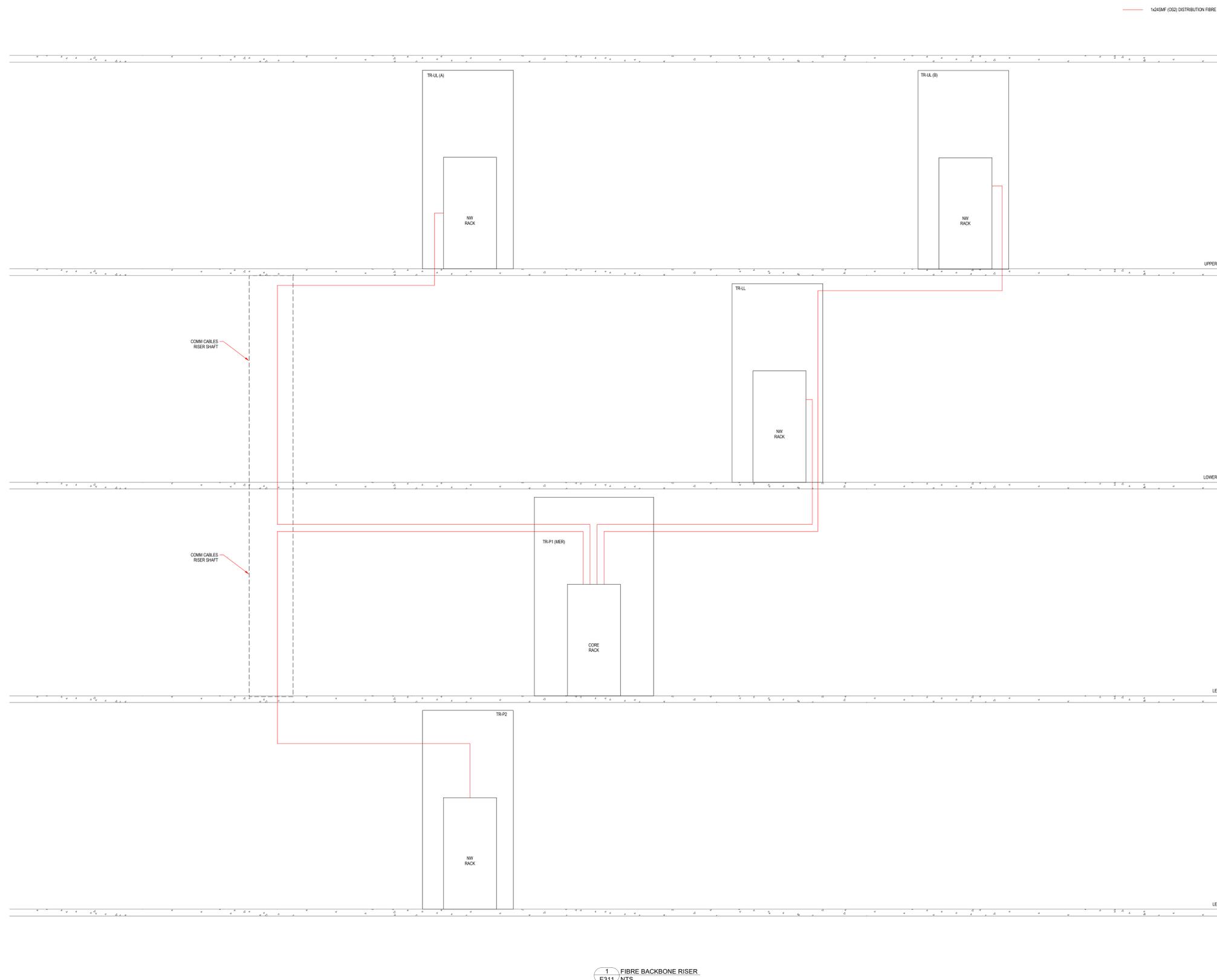
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**E304B**



1 ROOF WEST - LOW TENSION PLAN  
E304B





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Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

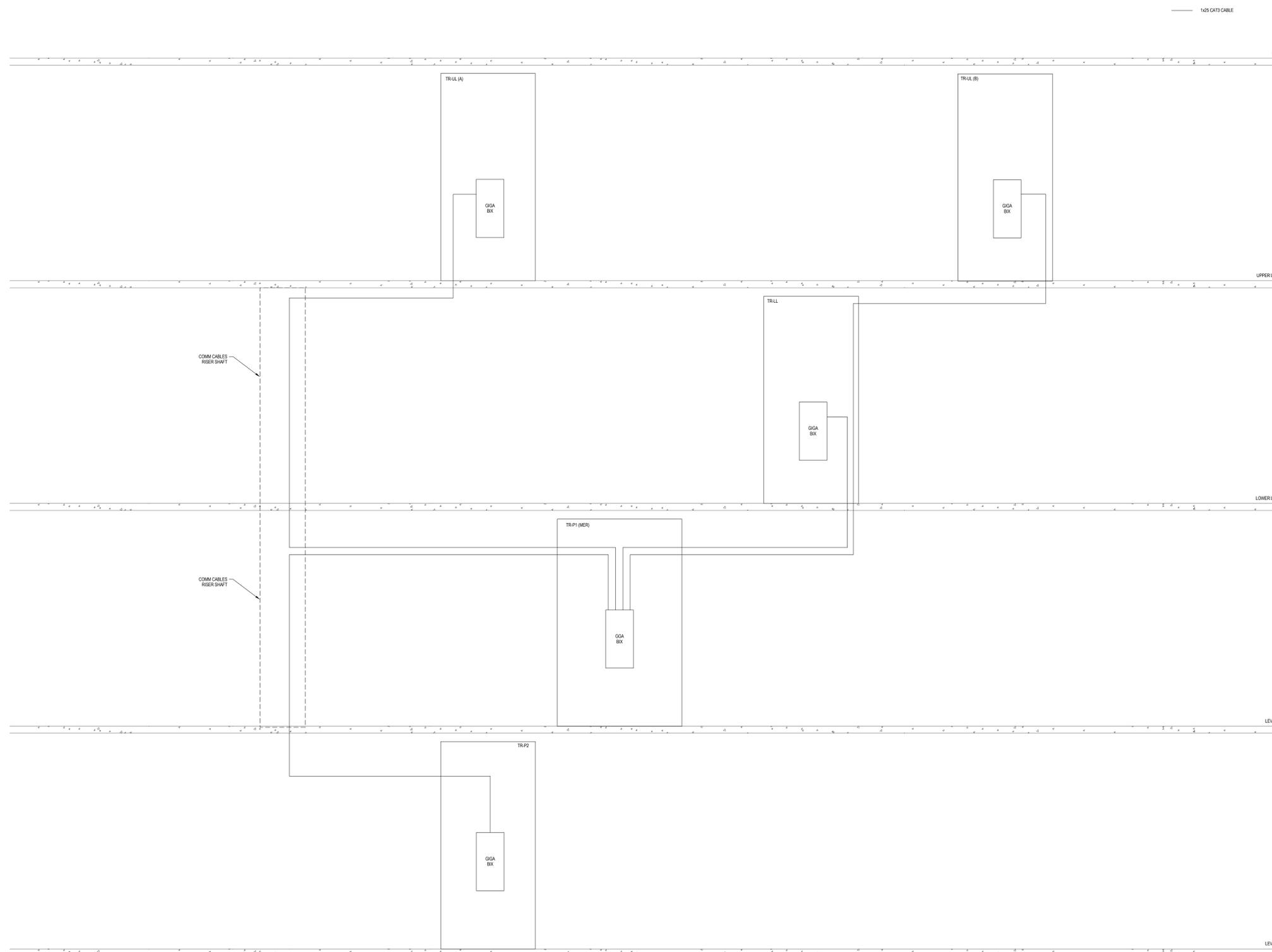
Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**FIBRE BACKBONE  
RISER**

Printed Date Sheet number 12/19/2025 4:33:11 PM Current Issue 8

**E311**



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1



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1 2025.07.07	ISSUED FOR 50% DD
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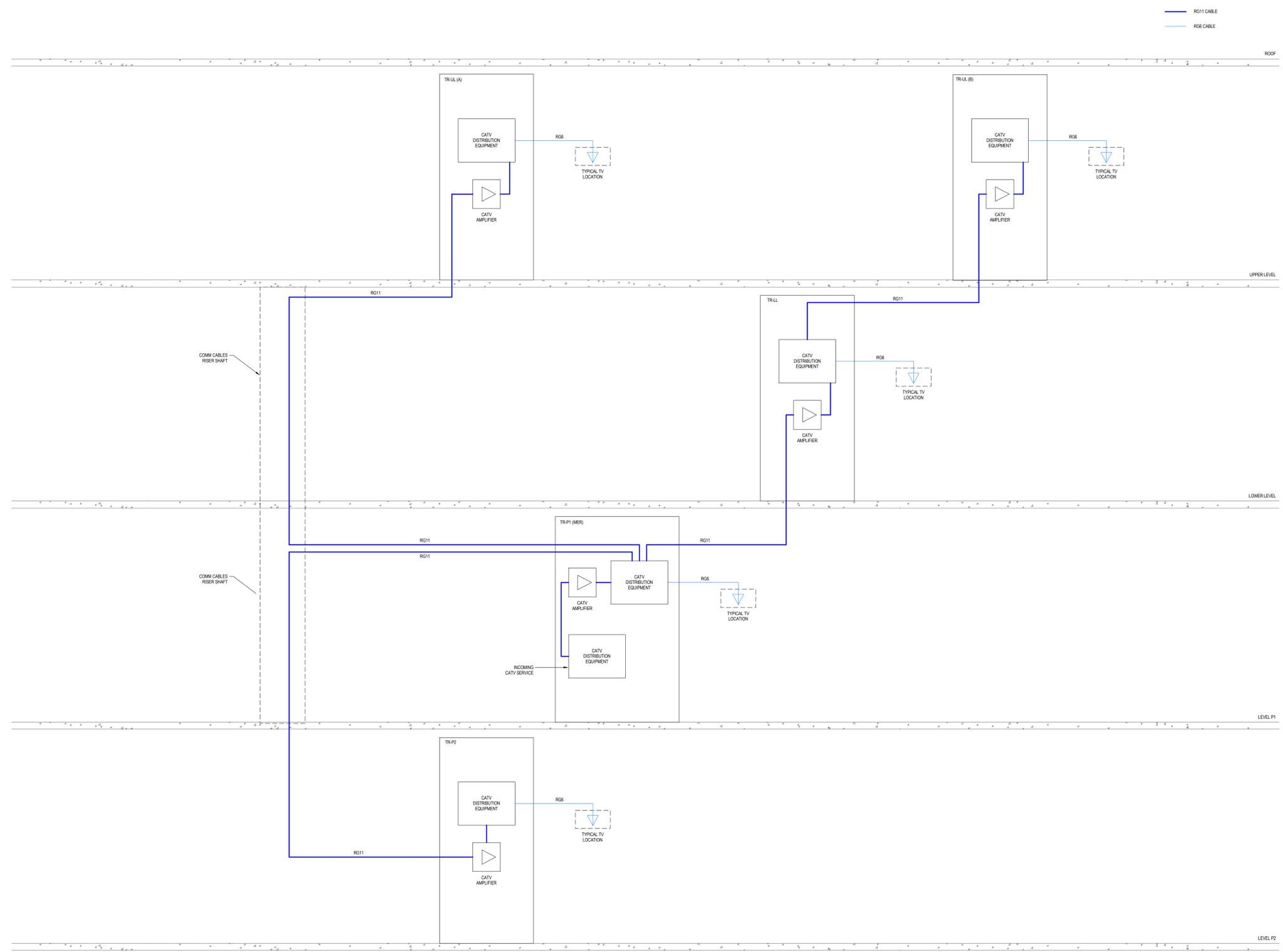
Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**COPPER BACKBONE  
RISER**

1 COPPER BACKBONE RISER  
E312 / NTS



Sea  
1



Key  
plan



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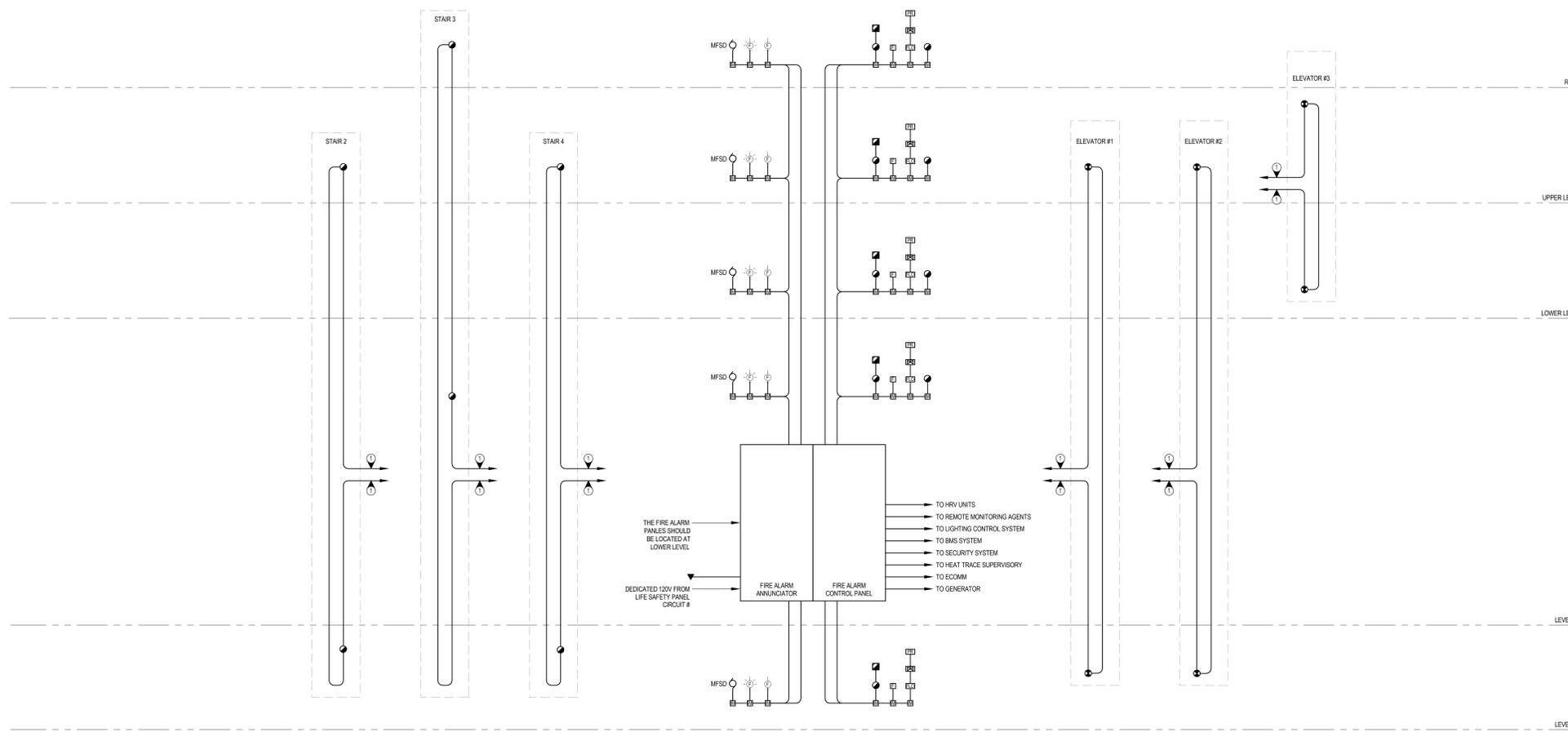
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Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**CATV BACKBONE RISER**

1 CATV BACKBONE RISER  
E313



1 FIRE ALARM RISER  
E350 / NTS

- DRAWING KEY NOTES**
- ① BACK TO FIRE ALARM PANEL
  - ② TO ELEVATOR CONTROL PANEL

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7	2025.11.21	ISSUED FOR 50% CD
8	2025.12.19	ISSUED FOR 60% CD

**Project title**  
Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam  
**Site**  
Burke Mountain, Coquitlam, BC

**Sheet title**  
FIRE ALARM RISER



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Location#	DWG #	Door#	Access control point	Cabinet #	Cabinet Location	Controller Type	Network Switch	Door Typical	Door Type	Auto operator	CX-12	CR	Wave Sensor	Washroom Kit	Long Range Reader	Strike	Maglock	QEL	Electric Lock / REK	Electric Power Transfer	Push to Exit Button	Motion Rex	Door contacts	Notes				
Water Entry (Not Used)	E300		ACS-LP2-001	ACS-001	P2 Main Com Rm	LP-1502	NS-P2-001		HM															NOT USED				
Main Electrical Room (Not Used)	E300		ACS-LP2-002	ACS-001	P2 Main Com Rm	MR52			HM																NOT USED			
Main Electrical Room P209	E300		ACS-LP2-003	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1											1	2				
Bike Storage Staff P211	E300		ACS-LP2-004	ACS-001	P2 Main Com Rm	MR52		SD-02	HM	1			1										1	1				
Main Mechanical Room P207	E300		ACS-LP2-005	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1												1	2			
Main Communications Room P210	E300		ACS-LP2-006	ACS-001	P2 Main Com Rm	MR52		SD-01	HM			1												1	1			
Pool Mechanical Room P206	E300		ACS-LP2-007	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1												1	2			
Mechanical room to Pool Mech Rm (Not Used)	E300		ACS-LP2-008	ACS-001	P2 Main Com Rm	MR52			HM																			
P2 Vestibule P201	E300		ACS-LP2-009	ACS-001	P2 Main Com Rm	MR52		SLD-01	GL/AL		1	1														Sliding door		
Chemicals Room P217	E300		ACS-LP2-010	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1												1	2			
Natatorium AHU	E300		ACS-LP2-011	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1												1	2			
P2 Overhead Door P200	E300		ACS-LP2-012	ACS-001	P2 Main Com Rm	MR52		OHD-01	OVHD							1									1	OHD Controller to tie into ACS		
Elevator 1 EL1-P2	E300		ACS-ELV-001	ACS-001	P1 Main Com Rm	LP-1502	NS-P1-001		ELV				1													Elevator to be tied into ACS		
Elevator 2 EL2-P2	E300		ACS-ELV-002	ACS-001	P1 Main Com Rm	LP-1502	NS-P1-001		ELV				1														Elevator to be tied into ACS	
Potential Storage P104	E301		ACS-LP1-001	ACS-002	P1 Main Com Rm	LP-1502	NS-P1-001		DD-01	HM			1												1	2		
P1 Main Com room P103	E301		ACS-LP1-002	ACS-002	P1 Main Com Rm	MR52		SD-01	HM			1														1	1	
P1 Vestibule P101	E301		ACS-LP1-003	ACS-002	P1 Main Com Rm	MR52		SLD-01	GL/AL		1	1															Sliding door	
P1 Elevator Control room P107	E301		ACS-LP1-004	ACS-002	P1 Main Com Rm	MR52		SD-01	HM			1														1	1	
P1 Vestibule P106	E301		ACS-LP1-005	ACS-002	P1 Main Com Rm	MR52		SD-03	HM			1													1	1		
Pool Exit to Park (Not Used)	E302		ACS-L01-001	ACS-003	L1 Sub Com Rm	LP-1502	NS-L1-001		GL/AL																			
EXT W/C 128	E302		ACS-L01-002	ACS-003	L1 Sub Com Rm	MR52		SD-03	HM	1	1	1	2	1														
EXT W/C 127	E302		ACS-L01-003	ACS-003	L1 Sub Com Rm	MR52		SD-01	HM			1																
Active Studio 109	E302		ACS-L01-004	ACS-003	L1 Sub Com Rm	MR52		DD-01	GL/AL			1							1							1	2	
Lobby 101 To Open Workroom 118	E302		ACS-L01-005	ACS-003	L1 Sub Com Rm	MR52		SD-01	GL/AL			1																
Stair 3 ST3-1 to Corridor 111	E302		ACS-L01-006	ACS-003	L1 Sub Com Rm	MR52		SD-01	GL/AL			1																
Reception 118A to Call Centre 118B	E302		ACS-L01-007	ACS-003	L1 Sub Com Rm	MR52		SD-01	GL/AL			1																
Staff Change room 123	E302		ACS-L01-008	ACS-003	L1 Sub Com Rm	MR52		SD-01	HM			1																
L1 Sub Electrical Room 116	E302		ACS-L01-009	ACS-003	L1 Sub Com Rm	MR52		SD-01	HM			1																
L1 Sub Comm Room 117	E302		ACS-L01-010	ACS-003	L1 Sub Com Rm	MR52		SD-01	HM			1																
L2 Main Entry	E303B		ACS-L02-001	ACS-004	L2 Sub Com Rm	LP-1502	NS-L2-001	SLD-01	GL/AL		1																	Sliding door
L2 Sub Electrical Room 211	E303B		ACS-L02-002	ACS-004	L2 Sub Com Rm	MR52		SD-01	HM																			
L2 Sub Comm Room 209	E303B		ACS-L02-003	ACS-004	L2 Sub Com Rm	MR52		SD-01	HM																			
L2 Sub Comm Room 219	E303B		ACS-L02-004	ACS-005	L2 Sub Com Rm	LP-1502	NS-L2-002	SD-01	HM			1																
L2 Sub Elec Room 220	E303B		ACS-L02-005	ACS-005	L2 Sub Com Rm	MR52		SD-01	HM			1																
Roof Stair Exit ST3-Roof	E304B		ACS-L03-001	ACS-005	L2 Sub Com Rm	MR52		SD-01	HM			1																

1 ACCESS CONTROL SCHEDULE  
E370 NTS

Level	Camera ID	Programmed Camera Name	Room #	Cable	Network Switch location	Network Switch	Application	Mount	Camera Power	Camera Make	Camera Model	Accessories	Indoor / Outdoor	Field of View	Notes
P2	VMS-LP2-001	P2 Parking	P200A	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-002	P2 Ramp	P200	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-003	P2 Vestibule Entrance	P203	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Wall	POE	HANWHA	HXB-H6461H		Indoor	73 Deg	
P2	VMS-LP2-004	P2 Main Com room	P210	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-005	P2 Parking	P200	CAT 6	P2 Main Com Rm	NS-P2-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T94N01D, T91D61, T91A64	Outdoor	270 Deg	30 Watt injector required.
P2	VMS-LP2-006	P2 Parking Central	P200	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	360 Deg	Will require 30watt POE
P2	VMS-LP2-007	P2 SE Exterior Parking		CAT 6	P2 Main Com Rm	NS-P2-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T94N01D, T91D61, T91A64	Outdoor	270 Deg	Will require 30watt POE
P2	VMS-LP2-008	P2 Parking Interior SE Exit	P200	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-009	P2 Parking Exterior SE Entrance		CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-010	P2 Parking S Entrance		CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-011	P2 Parking S Exit	P200	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-012	P2 Parking SW Exit		CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-013	P2 Parking SW Entrance	P200	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P2	VMS-LP2-014	Exterior SW Camera		CAT 6	P2 Main Com Rm	NS-P2-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T94N01D, T91D61, T91A64	Outdoor	270 Deg	30 Watt injector required.
P2	VMS-LP2-015	P2 NE Parking Camera	P200	CAT 6	P2 Main Com Rm	NS-P2-001	Multi Lens	Ceiling	POE	AXIS	P3737-PLE	T94N01D, T91B63	Outdoor	360 Deg	Will require 30watt POE
P2	VMS-ELV-001	Elevator one	EL1-P2	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Ceiling	POE	AXIS	P9117-PV		Indoor	180 Deg	Stainless Steel color
P2	VMS-ELV-002	Elevator two	EL2-P2	CAT 6	P2 Main Com Rm	NS-P2-001	Fixed Dome	Ceiling	POE	AXIS	P9117-PV		Indoor	180 Deg	Stainless Steel color
P1	VMS-LP1-001	P1 Parking ramp by Stair 4	P100	CAT 6	P1 Main Com Rm	NS-P1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg	
P1	VMS-LP1-002	P1 Parking	P100	CAT 6	P1 Main Com Rm	NS-P1-001	Multi Lens	Ceiling	POE	AXIS	P3737-PLE	T94N01D, T91B63	Outdoor	360 Deg	Will require 30watt POE
P1	VMS-LP1-003	P1 Vestibule Entrance	P100	CAT 6	P1 Main Com Rm	NS-P1-001	Fixed Dome	Wall	POE	HANWHA	HXB-H6461H		Indoor	73 Deg	
P1	VMS-LP1-004	P1 Parking	P100	CAT 6	P1 Main Com Rm	NS-P1-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T94N01D, T91D61, T91A64	Outdoor	270 Deg	30 Watt injector required.
P1	VMS-LP1-005	P1 Main Com Room	P103	CAT 6	P1 Main Com Rm	NS-P1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Indoor	104 Deg	
P1	VMS-LP1-006	Parking ramp by Stair 4	P100	CAT 6	P1 Main Com Rm	NS-P1-001	Multi Lens	Ceiling	POE	AXIS	P3737-PLE	T94N01D, T91B63	Outdoor	360 Deg	Will require 30watt POE
P1	VMS-LP1-007	P1 Parking	P100	CAT 6	P1 Main Com Rm	NS-P1-001	Multi Lens	Ceiling	POE	AXIS	P3737-PLE	T94N01D, T91B63	Outdoor	360 Deg	Will require 30watt POE
P1	VMS-LP1-008	P1 Parking	P100	CAT 6	P1 Main Com Rm	NS-P1-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T91D61, T94N01D	Outdoor	270 Deg	Will require 30watt POE
1	VMS-L01-001	Lower Lobby NW	101	CAT 6	Main # Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	HANWHA	HXB-H6461H		Indoor	73 Deg	
1	VMS-L01-002	Lower Lobby Elevator Lobby	101	CAT 6	Main # Sub Com Rm	NS-L1-001	Dual Lens	Wall	POE	HANWHA	PNM-C12083RVD		Indoor	180 Deg	
1	VMS-L01-003	Lower Lobby NE	101	CAT 6	Main # Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Indoor	104 Deg	
1	VMS-L01-004	Gymnasium NW	110	CAT 6	Main # Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Indoor	104 Deg	
1	VMS-L01-005	Gymnasium NE	110	CAT 6	Main # Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS					



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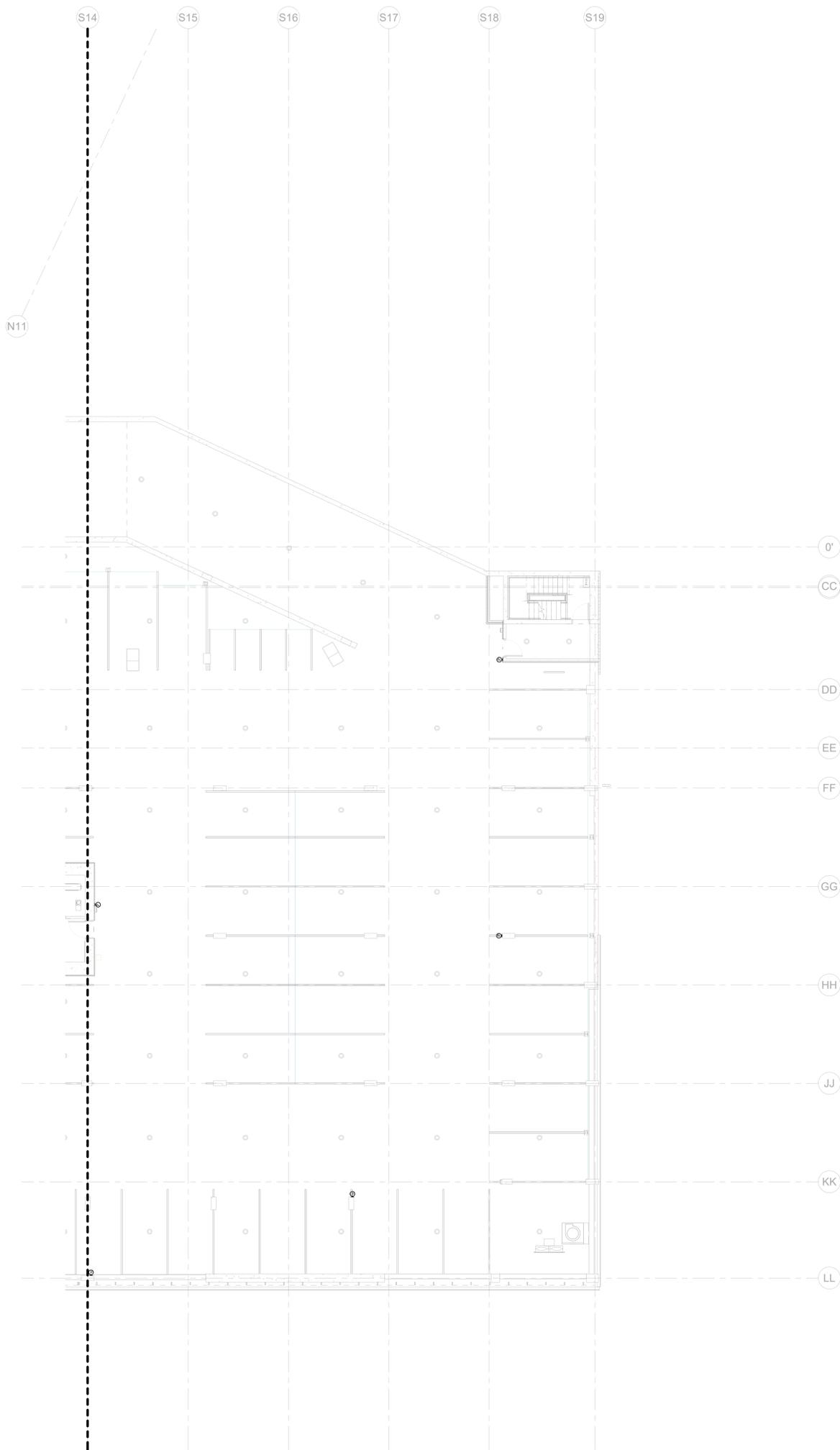
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8 2025.12.19 ISSUED FOR 60% CD



1 LEVEL P2 EAST - AV PLAN - EAST  
E400A

Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LEVEL P2 EAST -  
AUDIO VISUAL  
SYSTEM PLAN

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Date  
Sheet  
number  
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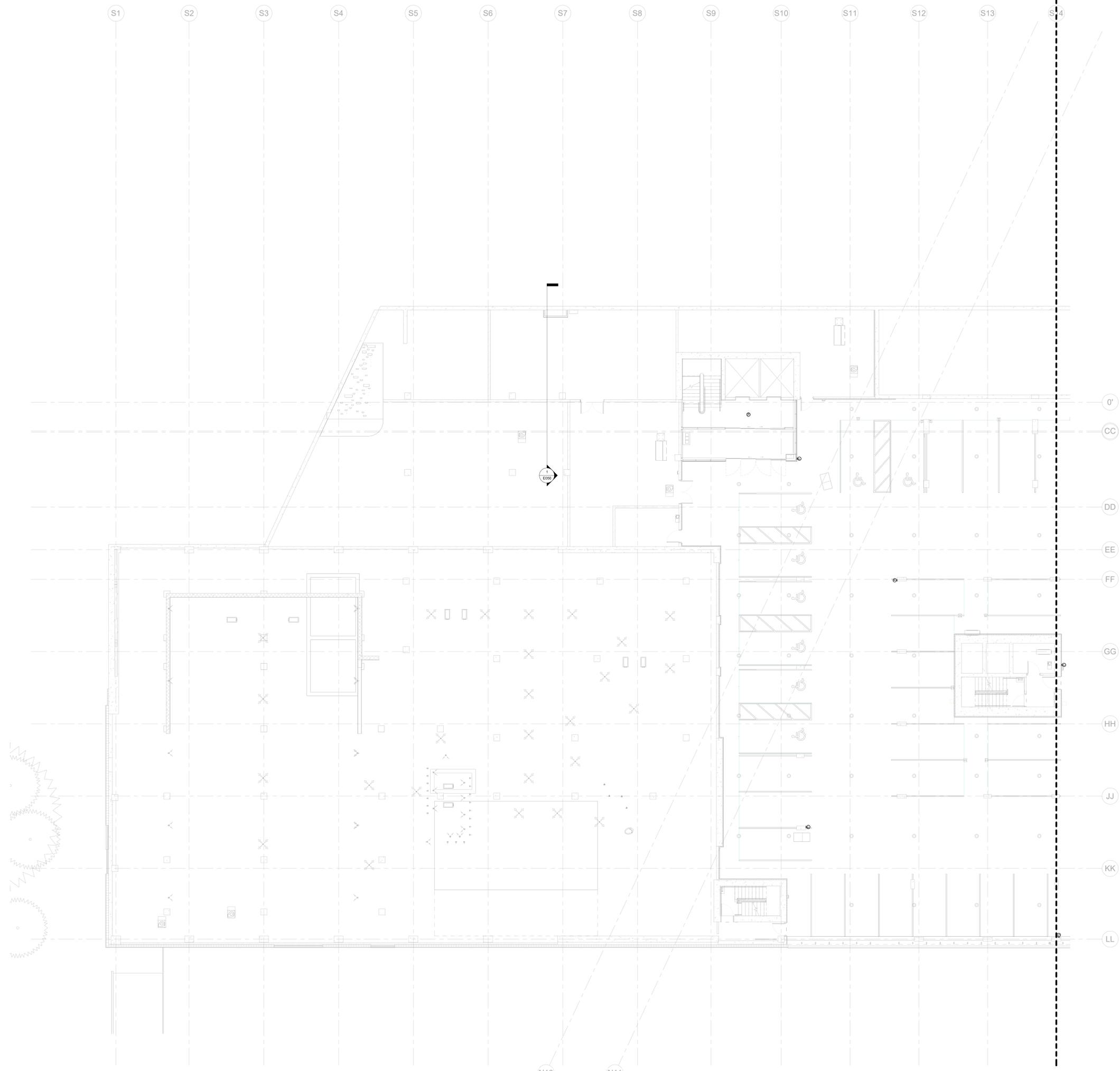
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Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LEVEL P2 WEST -  
AUDIO VISUAL  
SYSTEM PLAN

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**E400B**



1 LEVEL P1 - AV PLAN - WEST  
E400B 1:100



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Project title  
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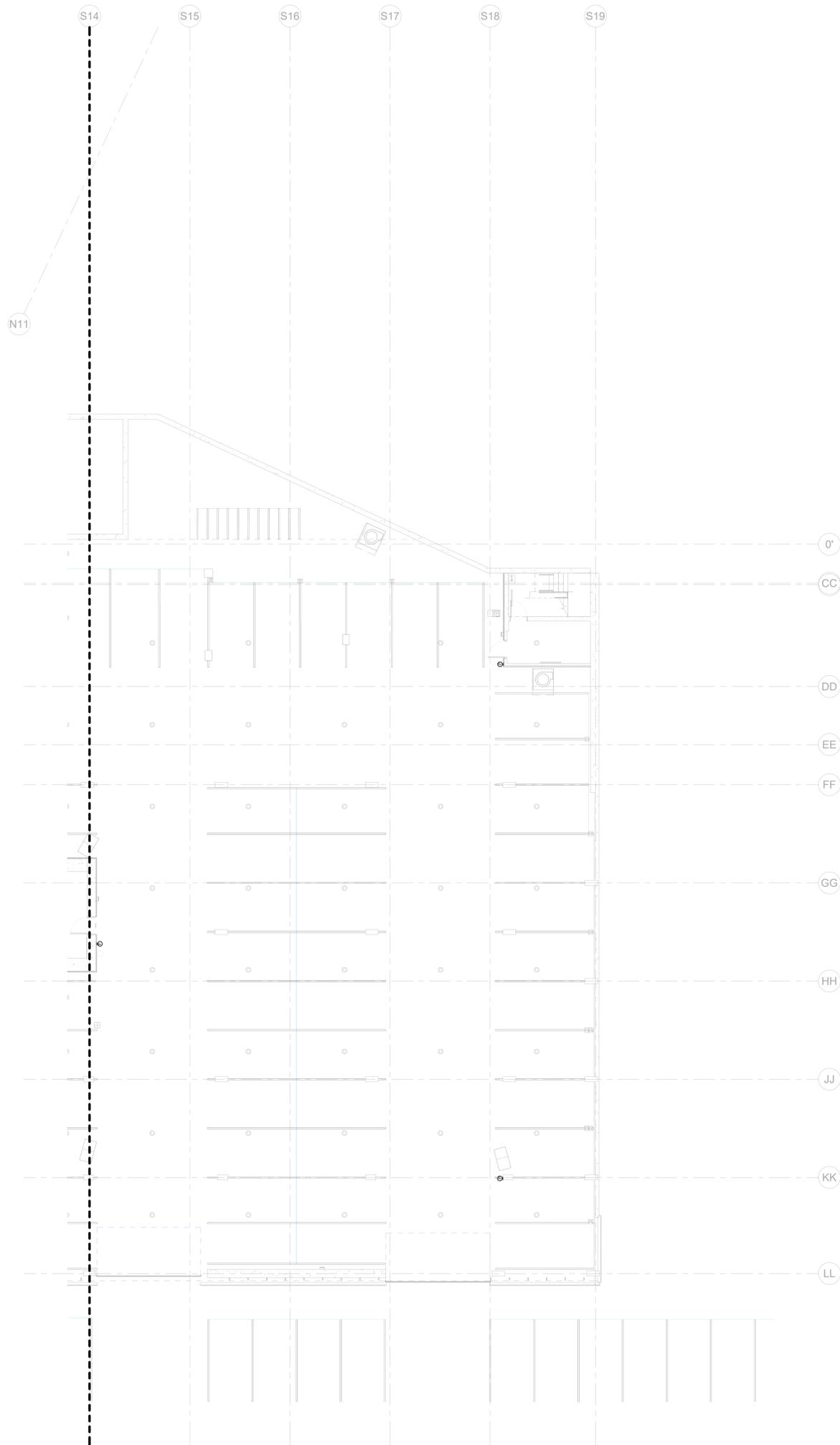
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Site  
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Sheet title  
LEVEL P1 EAST -  
AUDIO VISUAL  
SYSTEM PLAN

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Sheet  
number  
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**E401A**



1 LEVEL P2 - AV PLAN - EAST  
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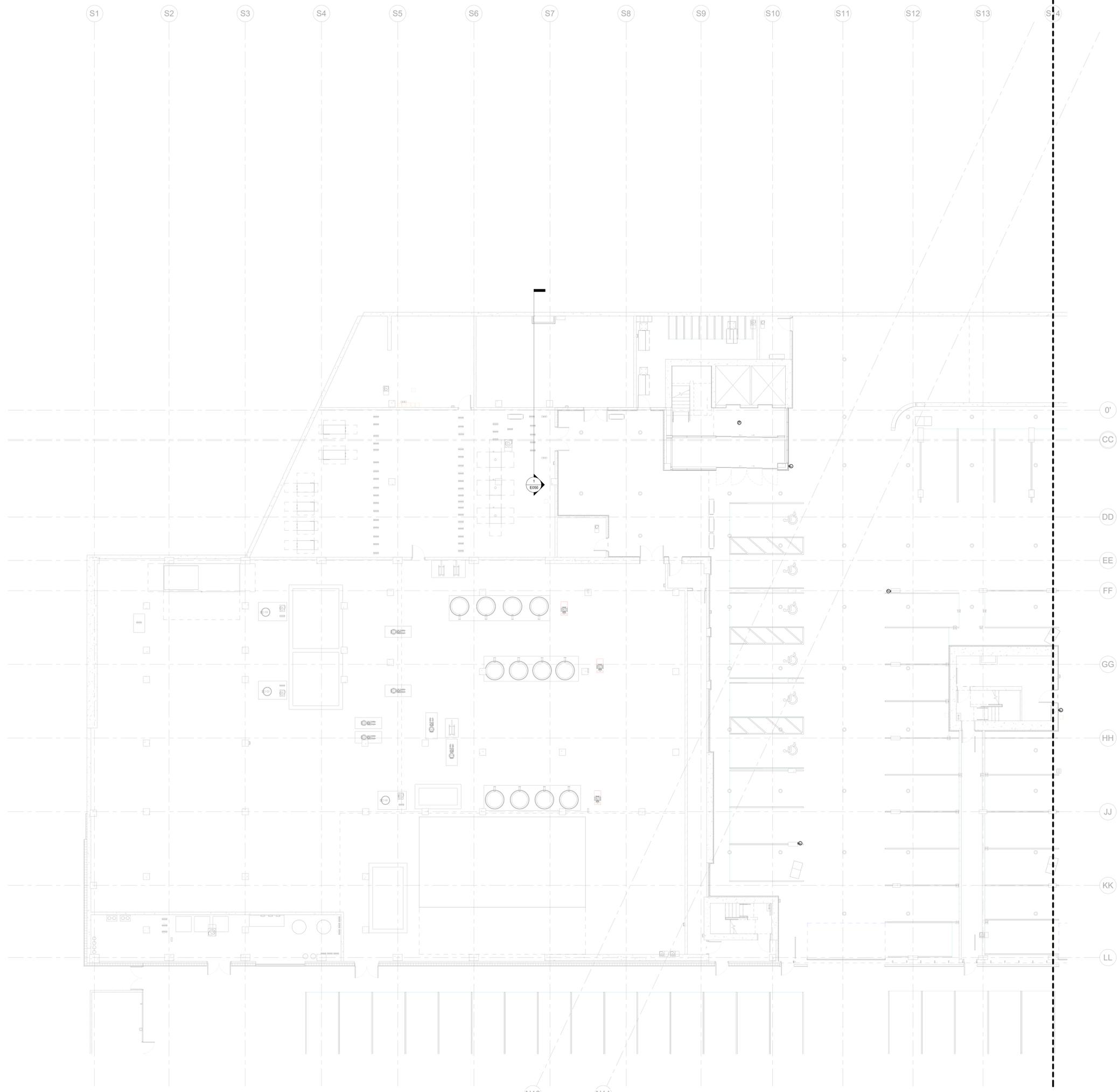
Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

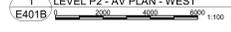
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AUDIO VISUAL  
SYSTEM PLAN

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Sheet number Current Issue 8

**E401B**



1 LEVEL P2 - AV PLAN - WEST  
E401B





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Community Centre  
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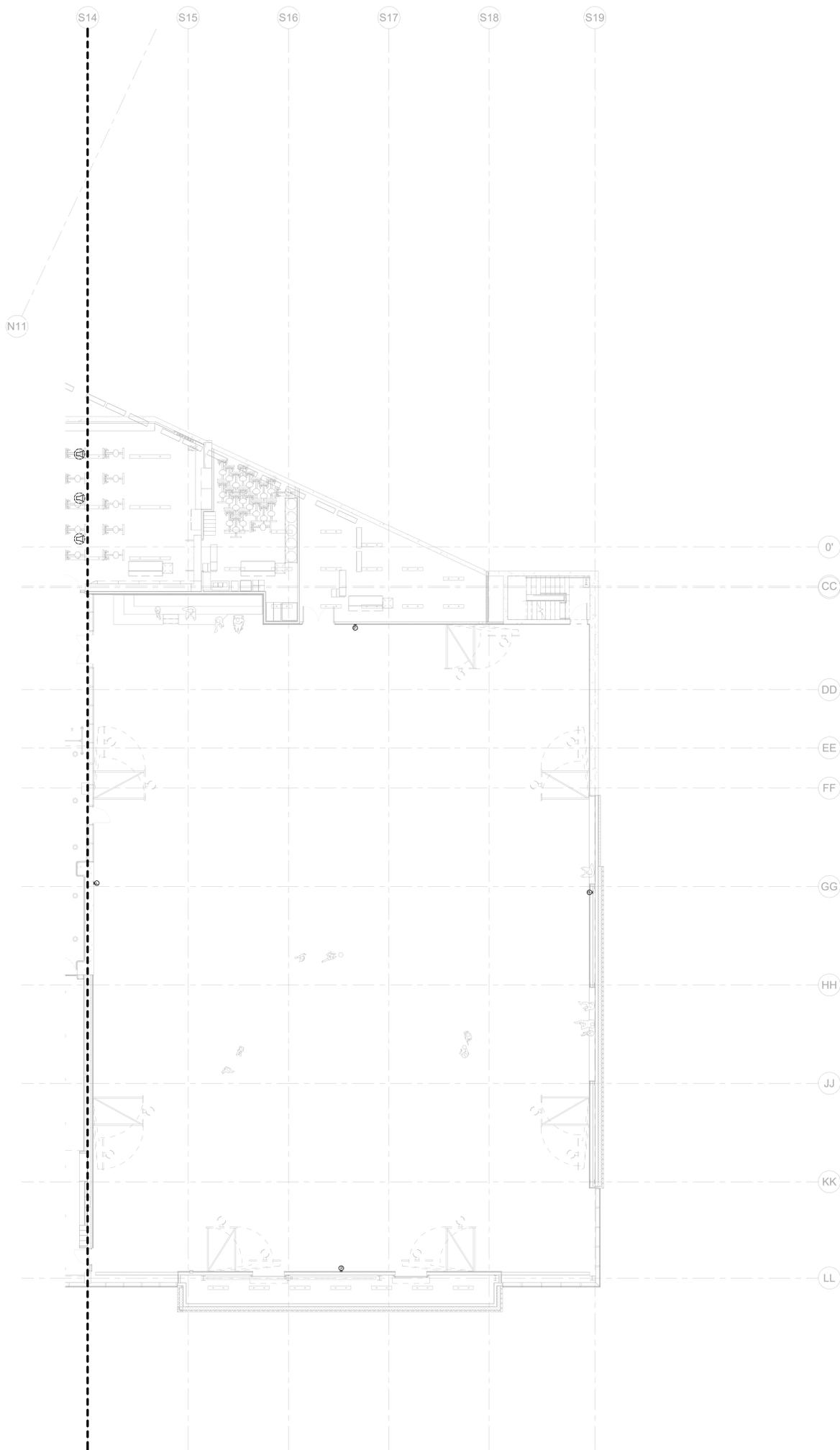
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Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LOWER LEVEL EAST -  
AUDIO VISUAL  
SYSTEM PLAN

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Sheet  
number  
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Current Issue 8

**E402A**



1 LOWER LEVEL - AV PLAN - EAST  
E402A 1:100



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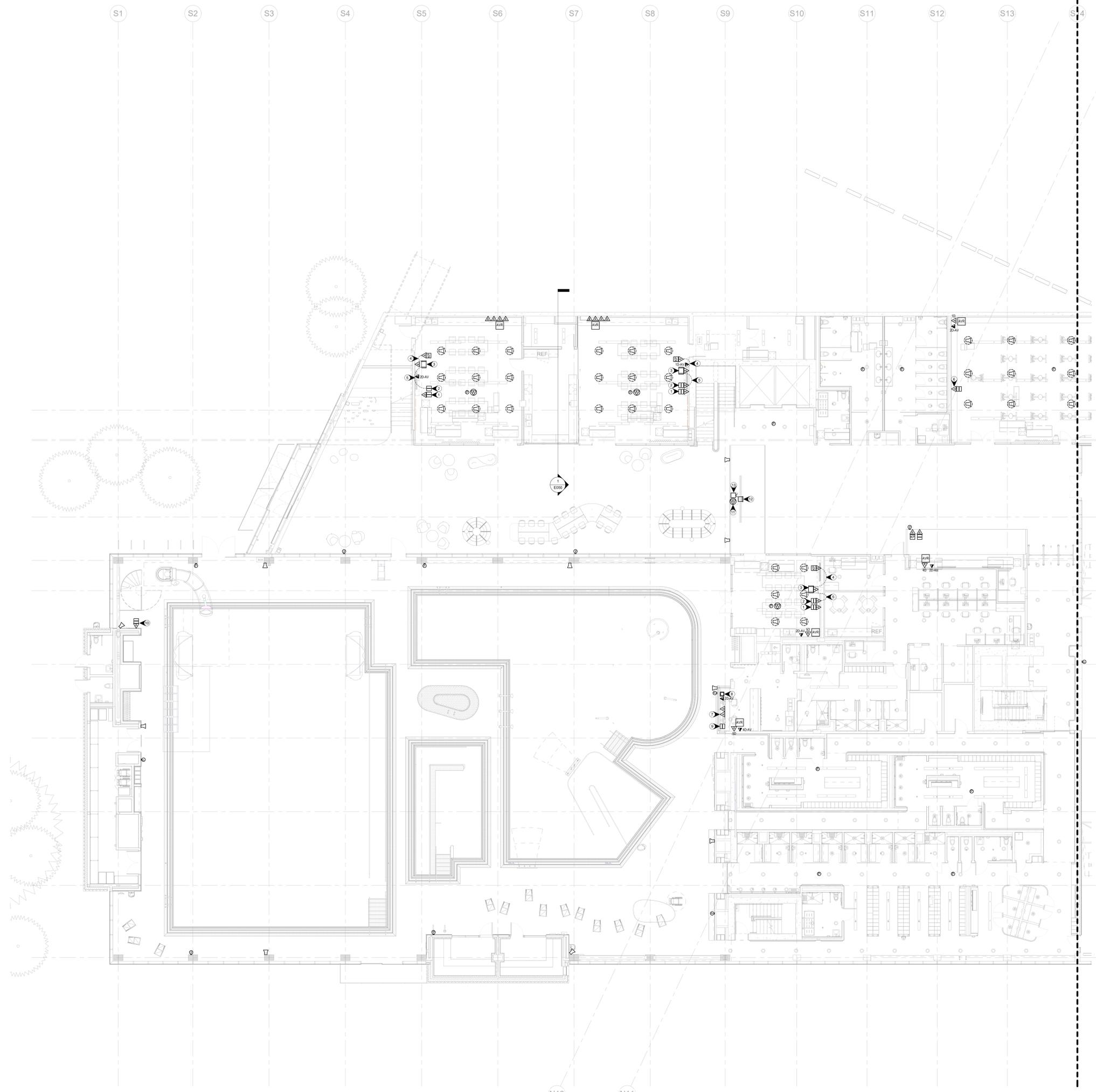
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Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LOWER LEVEL WEST -  
AUDIO VISUAL  
SYSTEM PLAN

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Sheet number Current Issue 8

E402B



2 LOWER LEVEL - AV PLAN - WEST  
E402B

- KEYNOTES**
1. AUDIO AND BLUETOOTH WALL INPUT CONNECTED TO TDA MIXER AMPLIFIER IN THE BACK
  2. ROOM WALL INPUT
  3. SHARP DISPLAY
  4. CONTROL CABLE IN CONDUIT TO DISPLAY OR KEYPAD
  5. HDMI CABLE IN CONDUIT TO DISPLAY
  6. CONDUIT WITH ONE (1) DATA FROM BLUETOOTH AUDIO INPUT PLATE TO AV RACK
  7. RJ45 CONNECTION TO AV RACK FOR PAGING MICROPHONE
  8. AUDIO CONTROLLER TOUCH PANEL TO AV RACK
  9. BLUETOOTH AUDIO INPUT TO AV RACK
  10. BLUETOOTH AUDIO INPUT TO AV RACK AT POOL CONTROL ROOM
  11. RJ45 CONNECTION TO AV RACK AT RECEPTION
  12. RECESSED MOUNTED VIDEO PROJECTOR SCREEN WALL
  13. CONTROL CABLE IN CONDUIT TO AV RACK AT RECEPTION
  14. SHORT DISTANCE VIDEO PROJECTOR MOUNTED ON THE CEILING



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Project title  
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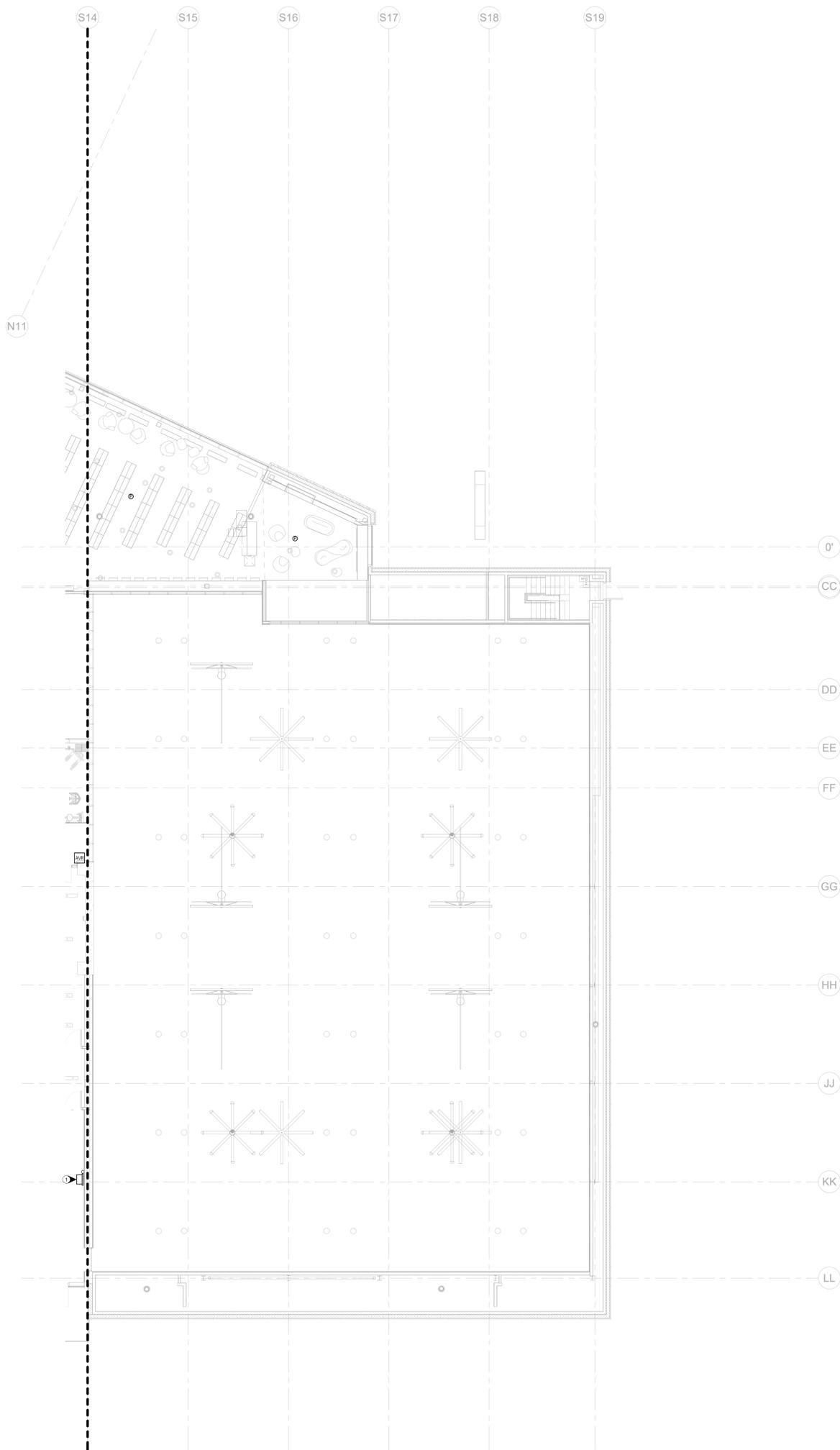
Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
UPPER LEVEL EAST -  
AUDIO VISUAL  
SYSTEM PLAN

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**E403A**



1 UPPER LEVEL - AV PLAN - EAST  
E403A 1:100



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Project title  
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Community Centre  
(BMCC)**

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**UPPER LEVEL WEST -  
AUDIO VISUAL  
SYSTEM PLAN**

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12/19/2025 4:33:33 PM  
Sheet number  
Current Issue 8

**E403B**



- KEYNOTES**
1. AUDIO AND BLUETOOTH WALL INPUT VIA CAT5A CABLE TO AV RACK.
  2. HDMI WALL INPUT VIA CAT5A CABLE TO THE AV RACK.
  3. TOUCH PANEL CAT5A CABLE TO AV RACK.
  4. PROJECTOR VIA CAT5A CABLE TO AV RACK.
  5. PROJECTOR SCREEN VIA CONTROL CABLE TO AV RACK.
  6. VOLUME CONTROLLER VIA CONTROL CABLE TO AV RACK.
  7. PARTITION SENSOR VIA CONTROL CABLE IN CONDUIT TO AV RACK.
  8. CONTROL CABLE IN CONDUIT TO DISPLAY AND KEYPAD.
  9. HDMI CABLE IN CONDUIT TO DISPLAY.

2 UPPER LEVEL - AV PLAN - WEST  
E403B 1:100



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Project title  
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Community Centre  
(BMCC)

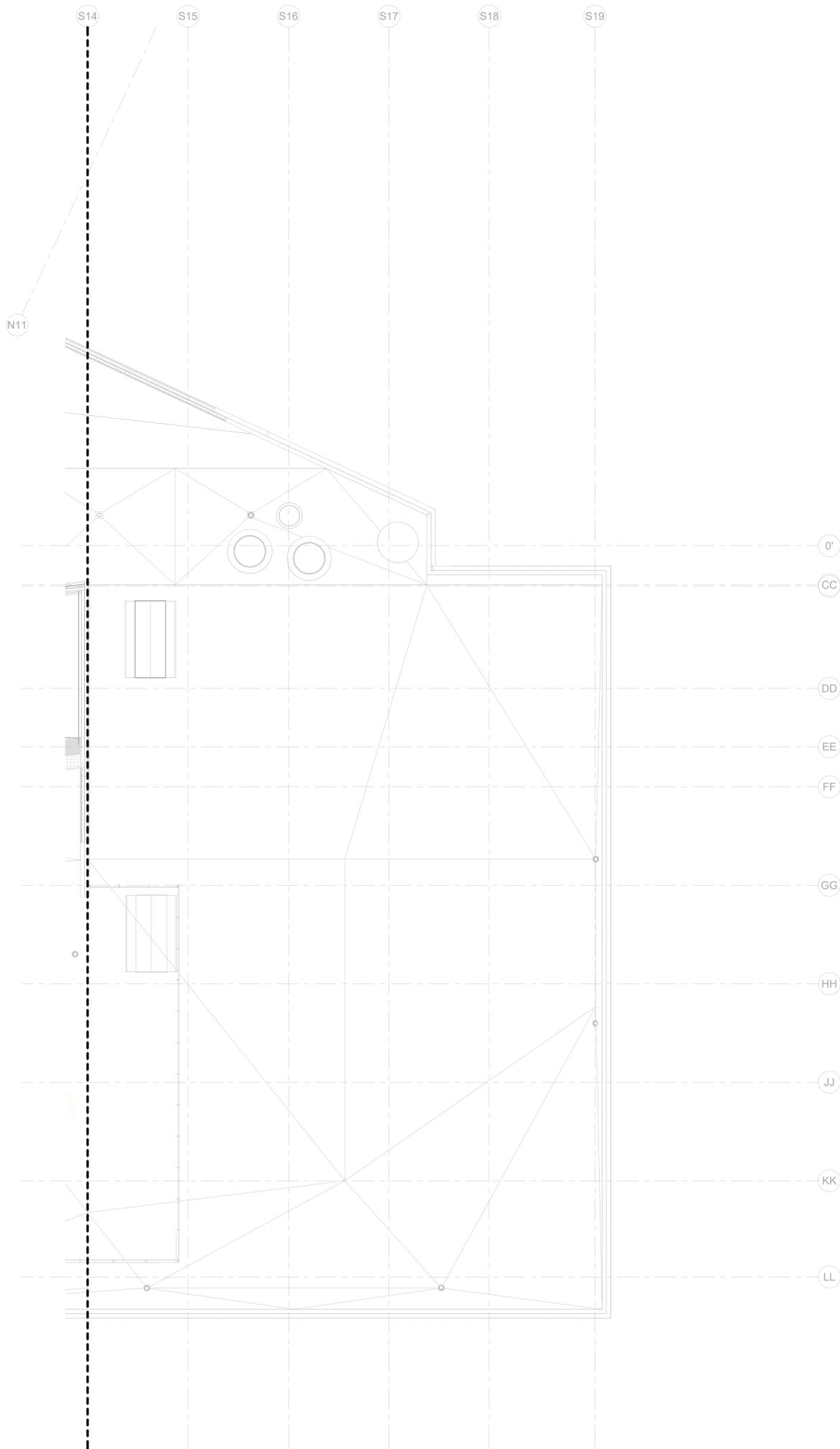
Client  
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Site  
Burke Mountain, Coquitlam, BC

Sheet title  
ROOF EAST - AUDIO  
VISUAL SYSTEM PLAN

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Date  
Sheet  
number  
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Current Issue 8

**E404A**

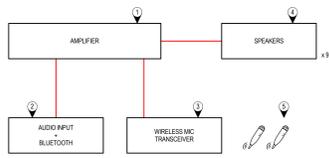


1 ROOF - AV PLAN - EAST  
E404A



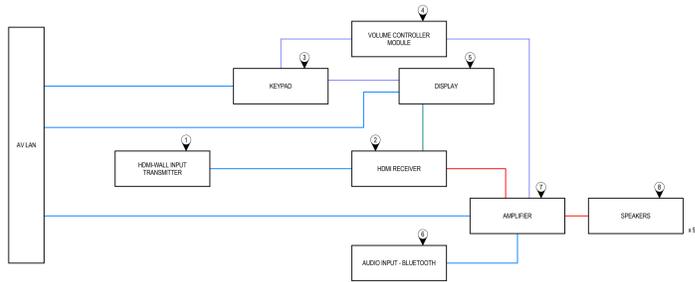
CABLE TYPE	
CAT5 CABLE	
USB CABLE	
AUDIO CABLE	
CONTROL CABLE	
POWER CABLE	
HDMI CABLE	

ROOM 109 - ACTIVE STUDIO



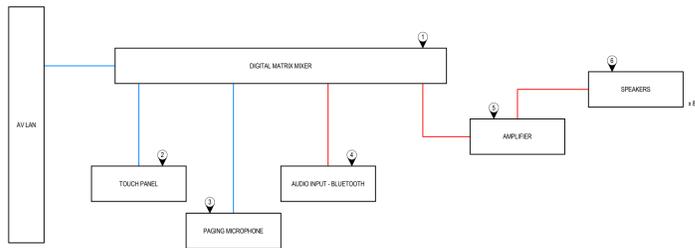
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1	TDA	A-824D	1
2	TDA	rmw-418T-AM	1
3	TDA	SZ-4-RX1	1
4	TDA	F-2852C	9
5	TDA	SZ-4-BTX Transmitter	1

ROOM 104 - MPR / ROOM 102 - MPR / ROOM 125 - MPR



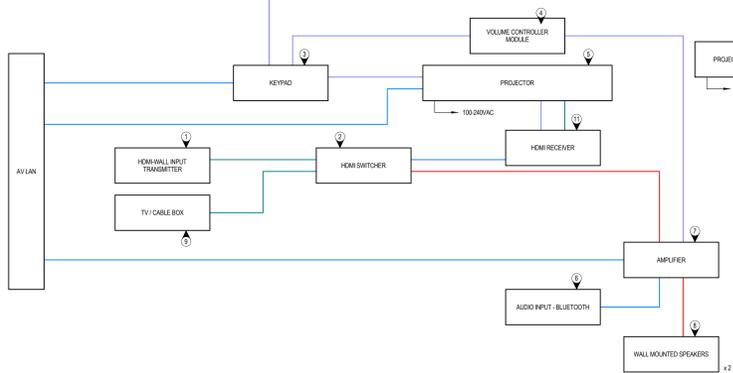
#	MFR	DESCRIPTION	QTY
1	EXTRON	DTP3 T 101 D	1
2	EXTRON	DTP3R 201	1
3	EXTRON	MLC 100 Plus	1
4	EXTRON	MLA VC10 Plus	9
5	SHARP	9P	1
6	TDA	rmw-418T-AM	1
7	TDA	A-824D	1
8	TDA	F-2852C	9

POOL AREA



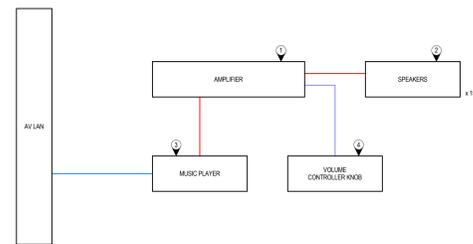
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1	TDA	MD-B08D	1
2	TDA	M-800RCT-AM	1
3	TDA	M800RM	1
4	TDA	rmw-418T-AM	1
5	TDA	500P	1
6	TDA	F-13008TWP	8

LOWER LEVEL - LOBBY PROJECTOR



#	MFR	DESCRIPTION	QTY
1	EXRTON	DTP3 T 101 D	1
2	EXRTON	DTP3 R2004 Series	1
3	EXRTON	MLC 100 Plus	1
4	EXRTON	MLA VC10 Plus	1
5	EPSON	EB-FU1000W WUXGA 3LCD	1
6	TDA	rmw-418T-AM	1
7	TDA	A824D	1
8	EXRTON	TBD	1
9	TELLUS	Telus cable box	1
10	DA-LITE	Tenoned Advantage Series	1
11	EXRTON	DTP3 R 201	1

ROOM 216 - FITNESS AND WEIGHT



#	MFR	DESCRIPTION	QTY
1	TDA	A-824D	1
2	TDA	F-2852C	15
3	TBD	Music player	1
4	TDA	AF-2634P	1

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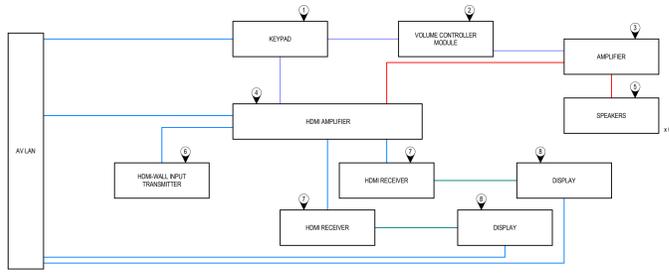
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Site  
Burke Mountain, Coquitlam, BC

Sheet title  
AUDIO VISUAL  
SYSTEM TYPICAL  
WIRING DIAGRAM 1  
OF 2

Printed Date Sheet number 12/19/2025 4:33:34 PM Current Issue 8

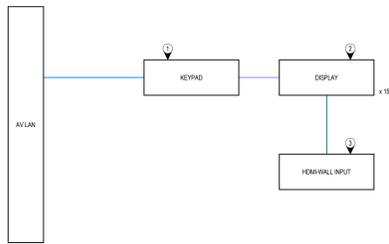
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CONTROL CABLE	
POWER CABLE	
HDMI CABLE	

ROOM 204 - MPR



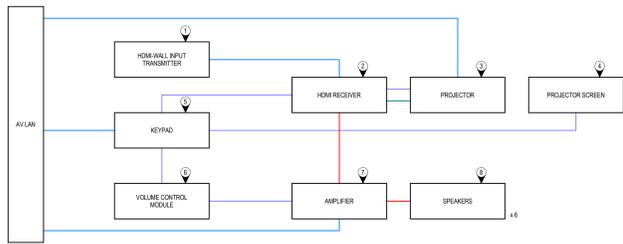
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2	EXTRON	MLA VC10 Plus	1
3	TOA	A 812D	1
4	TOA	INT608 #	1
5	TOA	F-282C	6
6	EXTRON	DTP3 T 101 D	1
7	EXTRON	DTP3 R 201	2
8	SHARP	8F	2

GROUP STUDY ROOMS : 205 - 206 - 207



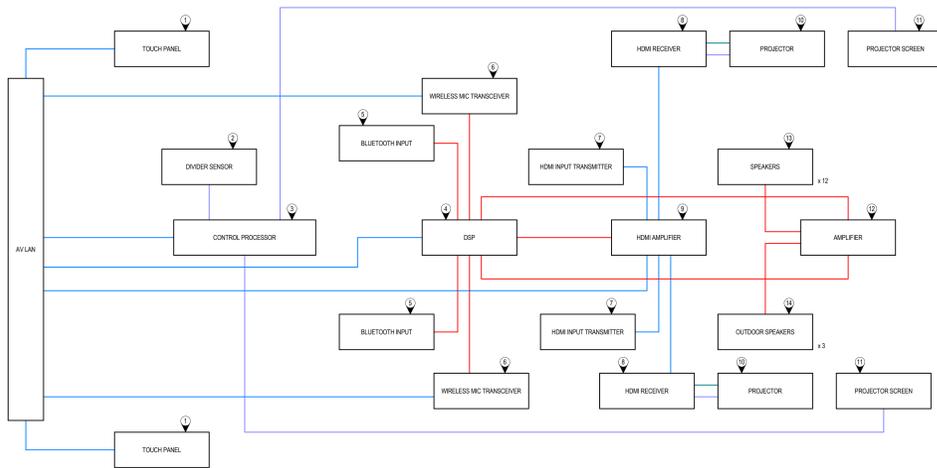
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1	EXTRON	MLC 100 Plus	1
2	SHARP	8F	1
3	EXTRON	WFD 110	1

ROOM - 210 LIBRARY MPR



#	MFR	DESCRIPTION	QTY
1	EXTRON	DTP3 T 101 D	1
2	EXTRON	DTP3 R 201	1
3	EPSON	EB-PJ1000W	1
4	DA LITE	Tensioned Advantage Series	1
5	EXTRON	MLC 100 Plus	1
6	EXTRON	MLA VC10 Plus	1
5	TOA	A 812D	1
6	TOA	F-282C	6

ROOM - 221 LARGE MPR



#	MFR	DESCRIPTION	QTY
1	EXTRON	TLP Pro 725T	2
2	EXTRON	ECM 810	1
3	EXTRON	IPCP	1
4	EXTRON	CMP 128	1
5	TOA	mw-418T-AM	2
6	TOA	S2-488X Digital Wireless Dual Microphone System	2
7	EXTRON	DTP3 T 101 D	2
8	EXTRON	DTP3 R 201	2
9	EXTRON	DTP HD DA 4K 230	1
10	EPSON	EB-PJ1000W	2
11	DA LITE	Tensioned Advantage Series	2
12	TOA	AS4D	1
13	TOA	F-282C	12
14	TOA	F-628T-WP-LIE	3

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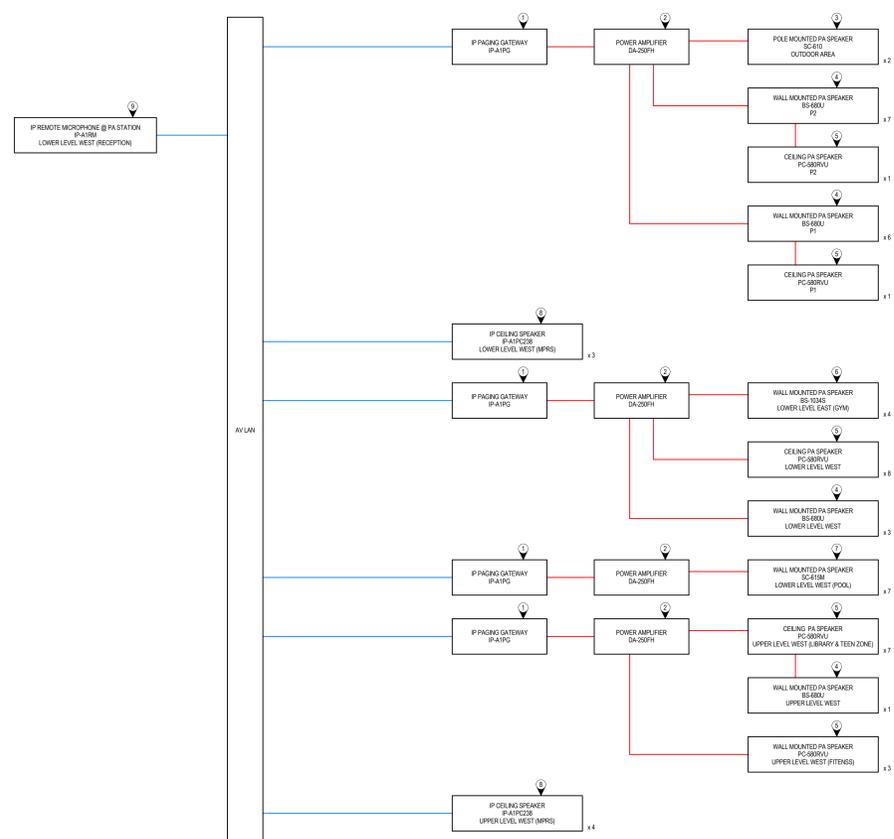
Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**AUDIO VISUAL SYSTEM TYPICAL WIRING DIAGRAM 2 OF 2**

Printed Date Sheet number  
12/19/2025 4:33:34 PM  
Current Issue 8

CABLE TYPE	
CAT5 CABLE	
USB CABLE	
AUDIO CABLE	
CONTROL CABLE	
POWER CABLE	
HDMI CABLE	



#	MFR	DESCRIPTION	QTY
1	TOA	IP PAGING GATEWAY (P-A1FG)	4
2	TOA	POWER AMPLIFIER (DA-250FH)	4
3	TOA	POLE MOUNTED PA SPEAKER (SC-65)	2
4	TOA	WALL MOUNTED PA SPEAKER (BS-65DU P2)	17
5	TOA	CEILING PA SPEAKER (PC-589RU P2)	20
6	TOA	WALL MOUNTED PA SPEAKER (BS-104M LOWER LEVEL EAST (CYM))	4
7	TOA	WALL MOUNTED PA SPEAKER (SC-65TM LOWER LEVEL WEST (POOL))	7
8	TOA	IP CEILING SPEAKER (IP-ALP-C236 LOWER LEVEL WEST (MFRS))	7
9	TOA	IP REMOTE MICROPHONE (P-A1RM LOWER LEVEL WEST (RECEPTION))	1

**PA SYSTEM - GENERAL DRAWING NOTES**

- THIS DIAGRAM ILLUSTRATES THE FUNCTIONAL SIGNAL FLOW FOR THE PUBLIC ADDRESS (PA) SYSTEM. IT IS NOT INTENDED TO SHOW EXACT DEVICE LOCATIONS, CONDUIT ROUTING, OR CABLE TRAY PATHWAYS. REFER TO ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR PHYSICAL COORDINATION.
- ALL IP-BASED PA DEVICES (IP-A1FG, IP-A1PS, IP-A1PC, IP-A1MP, P-A1RM, ETC.) SHALL BE CONNECTED TO THE AV LAN AS SHOWN. CONTRACTOR SHALL VERIFY AVAILABLE PORTS, VLAN REQUIREMENTS, AND SWITCH POE POWER CAPACITY PRIOR TO INSTALLATION.
- AMPLIFIERS (DA-250F/DA-250FH) ARE SHOWN WITH TYPICAL SPEAKER LOAD ASSIGNMENTS. CONTRACTOR SHALL ENSURE SPEAKER TAP SETTINGS AND AMPLIFIER LOADING COMPLY WITH MANUFACTURER LIMITS FOR TV SYSTEMS.
- SPEAKERS SHOWN (WALL MOUNTED, CEILING, HORN SPEAKERS, ETC.) ARE DIAGRAMMATIC. PROVIDE EQUAL COVERAGE BASED ON ROOM REQUIREMENTS. REFER TO SPEAKER SCHEDULES FOR QUANTITIES AND MODELS.
- ALL CABLING SHALL FOLLOW TOA AND INDUSTRY BEST PRACTICES, INCLUDING:
  - 5.1- TVV SPEAKER CABLING (STRANDED, SHIELDED, CMPT6) WHERE REQUIRED.
  - 5.2- IP CABLING (CAT5A MINIMUM), TERMINATED TO TIA/EIA-568-B STANDARDS.
  - 5.3- LABEL BOTH ENDS WITH DEVICE NAME AND CIRCUIT ID.
- CONTRACTOR SHALL COORDINATE POE REQUIREMENTS FOR IP PAGING GATEWAYS, IP HORNS, AND CEILING SPEAKERS. VERIFY POE CLASS AND POWER BUDGET.
- WHERE IP PAGING GATEWAYS FEED ANALOG AMPLIFIERS, CONTRACTOR SHALL PROVIDE BALANCED AUDIO CABLES AND MAINTAIN RECOMMENDED GAIN STRUCTURE.
- ALL DEVICE PROGRAMMING, IP ADDRESSING, AND COMMISSIONING SHALL BE COMPLETED BY QUALIFIED TECHNICIANS CERTIFIED FOR TOA IP-A1 SERIES EQUIPMENT.
- SYSTEM INTEGRATION WITH THE BUILDING'S NETWORK SHALL COMPLY WITH THE AV LAN DESIGN GUIDELINES. WORK WITH THE IT DEPARTMENT TO CONFIRM VLAN, QoS, MULTICAST, AND FIREWALL REQUIREMENTS.
- FINAL LOUDESPEAKER AIMING, TUNING, AND TESTING SHALL BE PERFORMED DURING COMMISSIONING TO ENSURE SPEECH INTELLIGIBILITY MEETS PROJECT REQUIREMENTS.
- IF INTEGRATION OF THE TOA IP-BASED PA SYSTEM (IP-A1) WITH AN EXISTING IP AUDIO ENDPOINTS WITH AV, SIP/VOP, OR EMERGENCY SYSTEMS IS REQUIRED, THE OWNER SHALL PROVIDE THE NECESSARY NETWORK SUPPORT (VLAN, QoS, IP ADDRESSING), SIP SERVER ACCESS (IF NEEDED), AND COORDINATION WITH IT SECURITY TEAM. ADDITIONAL INTERFACES, HARDWARE, LICENSES, AND PROGRAMMING REQUIRED FOR INTEGRATION ARE NOT INCLUDED UNLESS SPECIFICALLY NOTED IN THE CONTRACT DOCUMENTS.

Sea  
1



Key  
plan



Issued for 8 2025.12.19 ISSUED FOR 60% CD

Project title  
**Burke Mountain Community Centre (BMCC)**

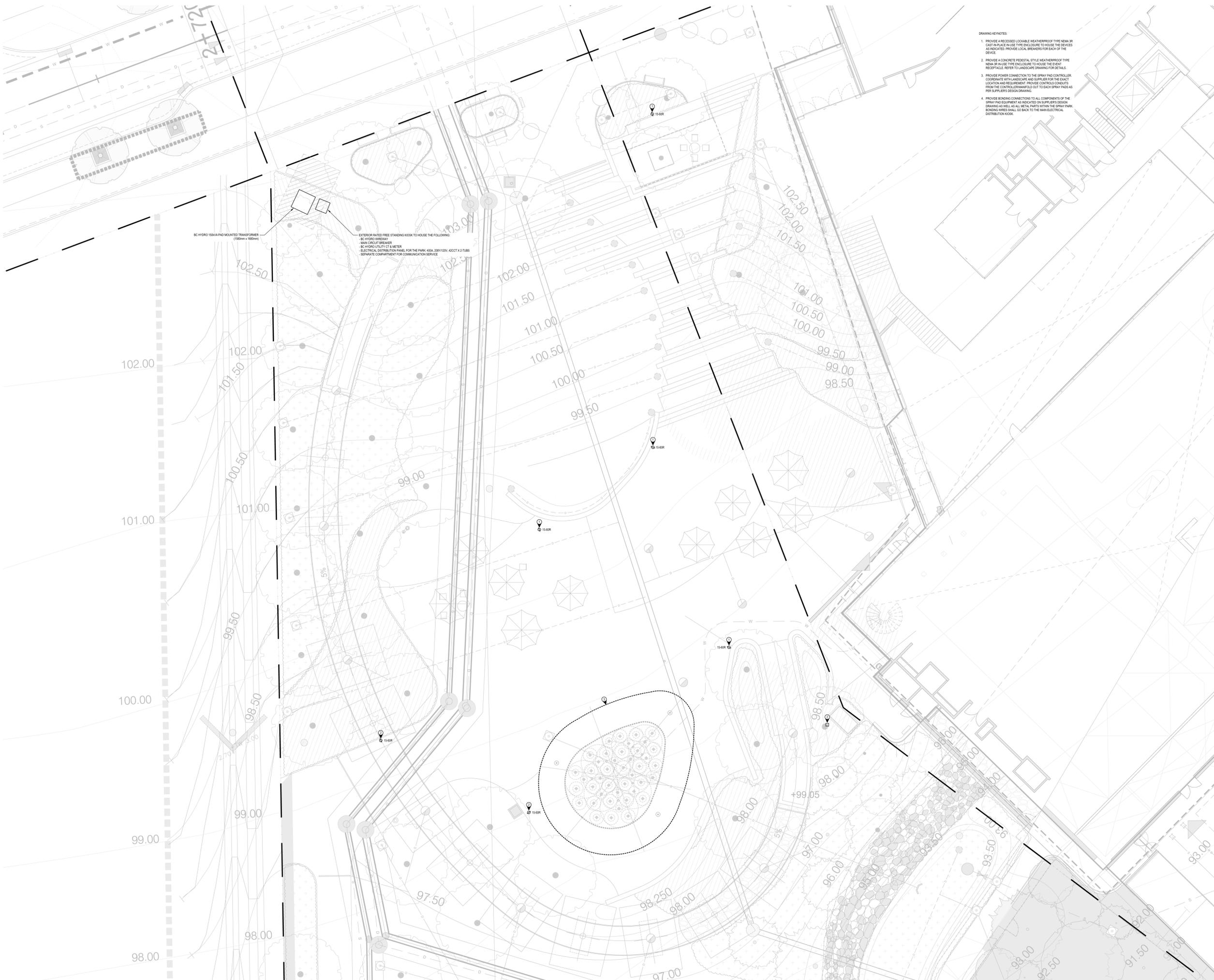
Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**AUDIO VISUAL SYSTEM DETAILS**

Printed Date Sheet number 12/19/2025 4:33:34 PM Current Issue 8

**E420**

- DRAWING KEYNOTES:
1. PROVIDE A RECESSED LOCKABLE WEATHERPROOF TYPE NEMA 3R CABINETS IN USE TYPE ENCLOSURE TO HOUSE THE DEVICES AS INDICATED. PROVIDE LOCAL BREAKERS FOR EACH OF THE DEVICES.
  2. PROVIDE A CONCRETE PRECAST STYLE WEATHERPROOF TYPE NEMA 3R IN USE TYPE ENCLOSURE TO HOUSE THE EVENT RECEPTACLE. REFER TO LANDSCAPE DRAWING FOR DETAILS.
  3. PROVIDE POWER CONNECTION TO THE SPRAY PAD CONTROLLER. COORDINATE WITH LANDSCAPE AND SUPPLIER FOR THE EXACT LOCATION AND REQUIREMENT. PROVIDE CONTROL CABLES FROM THE CONTROLLER TO EACH SPRAY PAD AS PER SUPPLIER'S DESIGN DRAWING.
  4. PROVIDE BONDING CONNECTIONS TO ALL COMPONENTS OF THE SPRAY PAD EQUIPMENT AS INDICATED ON SUPPLIER'S DESIGN DRAWING AS WELL AS ALL METAL PARTS WITHIN THE SPRAY PAD. BONDING WIRES SHALL GO BACK TO THE MAIN ELECTRICAL DISTRIBUTION KIOSK.



8C HYDRO 150KVA PAD MOUNTED TRANSFORMER (1000mm x 1600mm)

EXTERIOR RATED FREE STANDING KIOSK TO HOUSE THE FOLLOWING:  
 8C HYDRO METER  
 MAIN CIRCUIT BREAKER  
 8C HYDRO METER & METER  
 ELECTRICAL DISTRIBUTION PANEL FOR THE PARK 400A, 208/120V, 40CCT X 2 TUBS  
 SEPARATE COMPARTMENT FOR COMMUNICATION SERVICE

Sea



Key plan



Issued for

1	2025.07.07	ISSUED FOR 50% DD
2	2025.07.23	ISSUED FOR 75% DD
3	2025.08.08	ISSUED FOR 100% DD
4	2025.09.05	ISSUED FOR COORDINATION
5	2025.10.01	ISSUED FOR 25% CD
6	2025.11.07	ISSUED FOR 50% CD
7	2025.11.21	ISSUED FOR 50% CD
8	2025.12.19	ISSUED FOR 60% CD

Project title  
Burke Mountain Community Centre (BMCC)

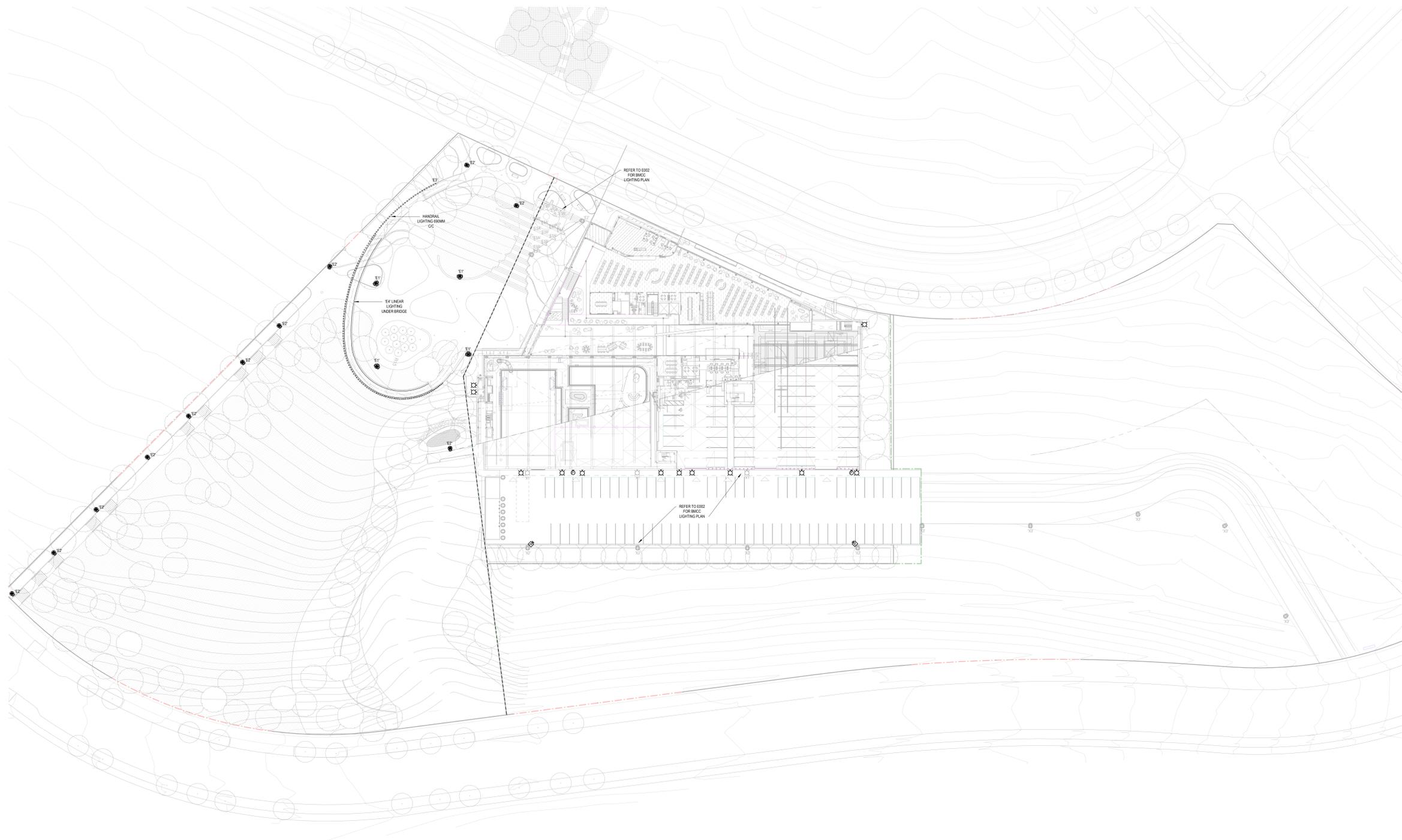
Client  
City of Coquitlam

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Burke Mountain, Coquitlam, BC

Sheet title  
BVP ELECTRICAL PLAN

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2 SITE LIGHTING, POWER & LOW TENSION PLAN Copy 1  
E501 0 500 1000 2000 1:400

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1



Key  
plan



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1 2025.07.07	ISSUED FOR 50% DD
2 2025.07.23	ISSUED FOR 75% DD
3 2025.08.08	ISSUED FOR 100% DD
4 2025.09.05	ISSUED FOR COORDINATION
5 2025.10.01	ISSUED FOR 25% CD
6 2025.11.07	ISSUED FOR 50% CD
7 2025.11.21	ISSUED FOR 50% CD
8 2025.12.19	ISSUED FOR 60% CD

Project title  
**Burke Mountain Community Centre (BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**BVP LIGHTING PLAN**

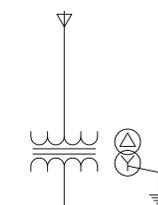
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**E501**



Issued for	Issued For
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2 2025.07.23	ISSUED FOR 75% DD
3 2025.08.08	ISSUED FOR 100% DD
4 2025.09.05	ISSUED FOR COORDINATION
5 2025.10.01	ISSUED FOR 25% CD
6 2025.11.07	ISSUED FOR 50% CD
7 2025.11.21	ISSUED FOR 50% CD
8 2025.12.19	ISSUED FOR 60% CD

BC HYDRO 25kV 3Ø  
INCOMING SERVICE



PAD MOUNT TRANSFORMER  
BY BC HYDRO  
150KVA  
25 kV - 208Y/120V

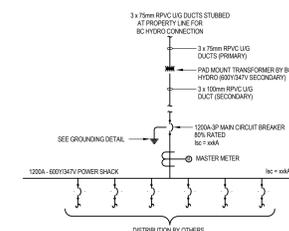
FEEDER BY BC HYDRO

400A  
LSIG

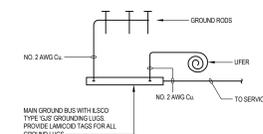
BCH MASTER METER

PNL A  
208Y/120V  
400A  
ELECTRICAL PANEL  
84CCT

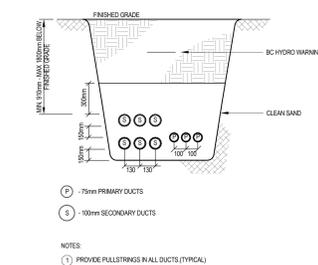
1 BVP SINGLE LINE DIAGRAM  
E502 / NTS



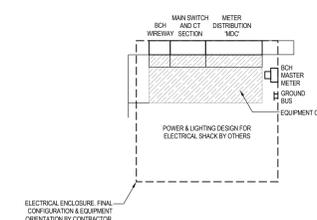
2 TEMP. POWER SINGLE LINE DIAGRAM  
E502 / NTS



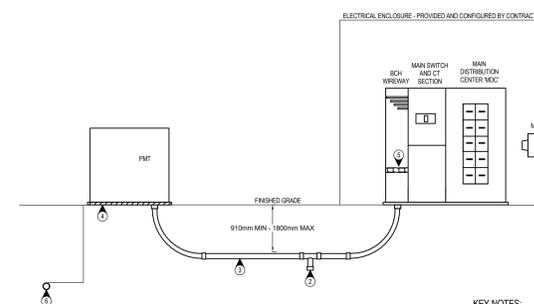
3 MAIN GROUND BUS  
E502 / NTS



4 PRIMARY & SECONDARY FEEDER TRENCH DETAIL  
E502 / NTS



5 ELECTRICAL ENCLOSURE LAYOUT  
E502 / NTS



6 HYDRO SECTION DETAIL  
E502 / NTS

- KEY NOTES:
- 3 x 75mm RPVC PRIMARY DUCTS STUBBED OFF AT PROPERTY LINE.
  - TURN TO ROCK PIT DRAINAGE. REFER TO DETAIL 1 ON SHEET E501 FOR FURTHER DETAIL.
  - 3 x 100mm RPVC SECONDARY DUCTS TO MAIN SWITCH BOARD. MINIMUM 95mm BEND RADIUS.
  - CONCRETE HOUSEKEEPING PAD PROVIDED BY BCH AND INSTALLED BY CONTRACTOR.
  - CABLE CLAMPS FOR THE SUPPORT OF BC HYDRO SERVICE CABLES SHALL BE CSA TYPE 600V CLASS, SEPARATELY MOUNTED FOR THE SUPPORT OF REVENUE SERVICE CABLE. THE CABLE CLAMPS SHALL HAVE INTERNAL CUSHIONING LAYER TO PROTECT THE CABLE INSULATION FROM DAMAGE CAUSED BY THERMAL CYCLING OF LOAD DRAINING. THE CABLE CLAMPS SHALL BE INSTALLED IN 1.0ØP x 1.0ØP C-CHANNEL MOUNTED ON A SLOTTED ANGLE BRACKET, SUSTAINABLE FOR RACKING OF ENERGETIC DOWNWARD SLICED ANGLES SHALL PROVIDE BACKFORTH HOUSING OF THE C-CHANNEL WITHIN 100mm OF FRONT OF THE BACK OF THE ENCLOSURE. THE CUSTOMER SHALL SUPPLY ALL THREADED HARDWARE AND COMPONENTS REQUIRED FOR THE SUPPORT OF BC HYDRO SERVICE CABLES. REFER TO E504 SCHEDULE.
  - UNDERGROUND SANITARY DRAIN PIPE. REFER TO MECHANICAL DESIGN DRAWINGS FOR EXACT LOCATION.

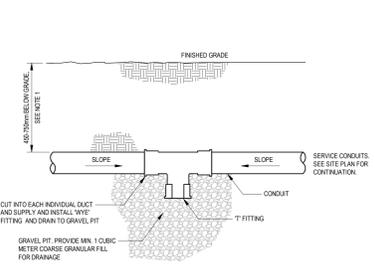
Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

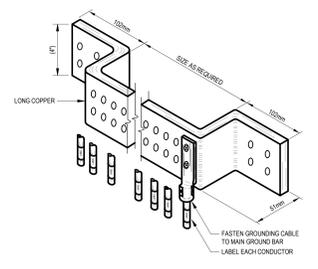
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**BVP ELECTRICAL  
DETAILS**

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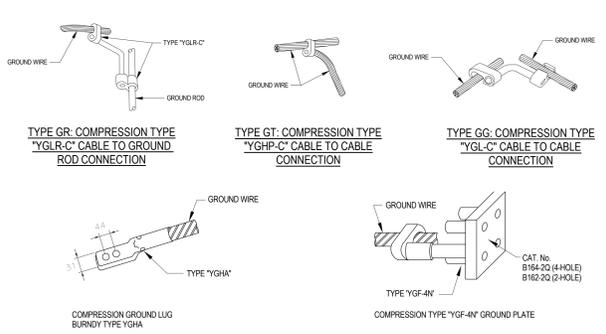
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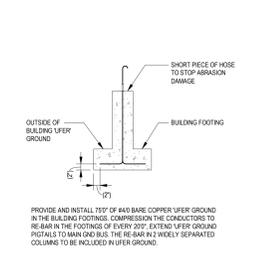
1 T-DRAIN DETAIL  
E503 / NTS



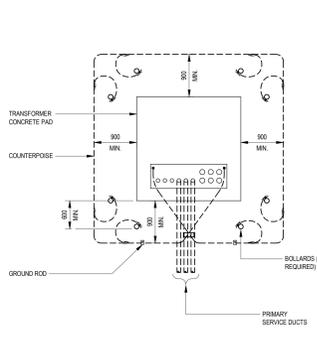
2 GROUND BAR DETAIL  
E503 / NTS



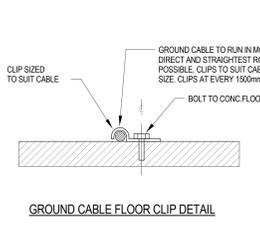
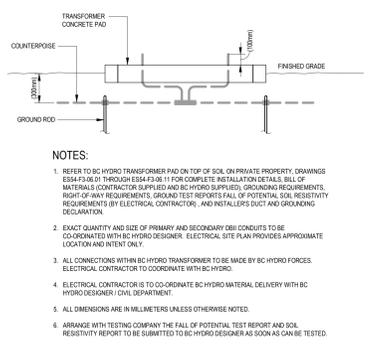
3 GROUNDING COMPONENTS  
E503 / NTS



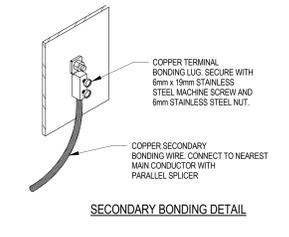
4 UFER GROUND DETAIL  
E503 / NTS



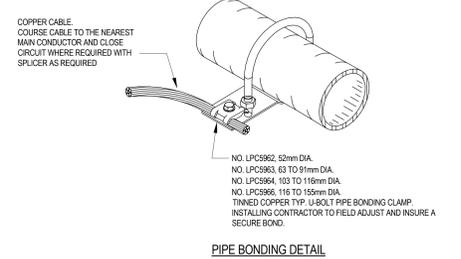
5 PMT COUNTERPOISE DETAIL  
E503 / NTS



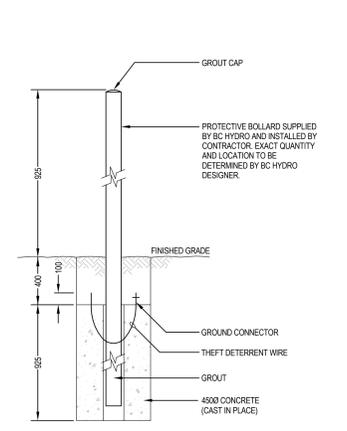
GROUND CABLE FLOOR CLIP DETAIL



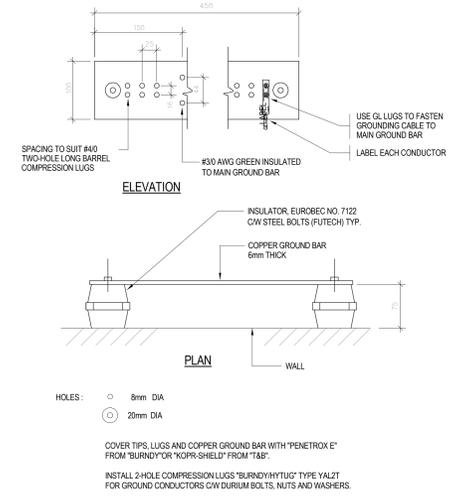
SECONDARY BONDING DETAIL



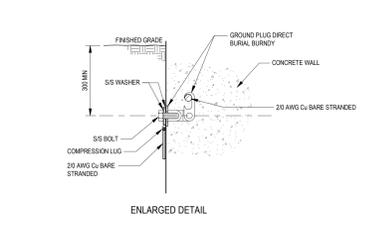
PIPE BONDING DETAIL



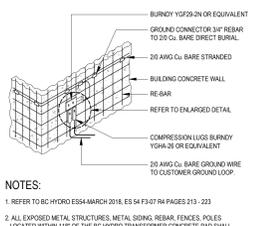
8 PROTECTIVE BOLLARD DETAIL  
E503 / NTS



9 TYPICAL GROUND BUS DETAIL  
E503 / NTS

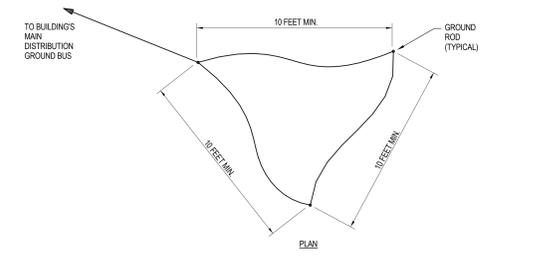


ENLARGED DETAIL

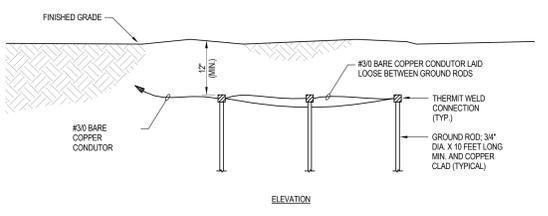


6 REBAR GROUNDING DETAIL  
E503 / NTS

7 TYPICAL BONDING DETAILS  
E503 / NTS



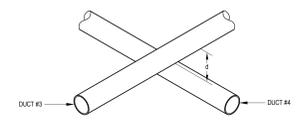
PLAN



ELEVATION

NOTES:  
1. ADDITIONAL GROUND RODS MAY BE REQUIRED ACCORDING TO LOCAL CONDITIONS. SPACE ADDITIONAL GROUND RODS A MINIMUM OF 10 FEET FROM OTHER RODS.

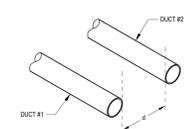
11 TYPICAL BUILDING SERVICE GROUNDING DETAIL  
E503 / NTS



DUCT #3	HIGH VOLTAGE	LOW VOLTAGE	VERY LOW VOLTAGE (COMM.)
DUCT #4	150 mm	300 mm	300 mm
HIGH VOLTAGE	150 mm	300 mm	300 mm
LOW VOLTAGE	300 mm	150 mm	150 mm
VERY LOW VOLTAGE (COMM.)	300 mm	300 mm	150 mm
GAS	300 mm	300 mm	300 mm
WATER	300 mm	300 mm	300 mm
SEWER	300 mm	300 mm	300 mm

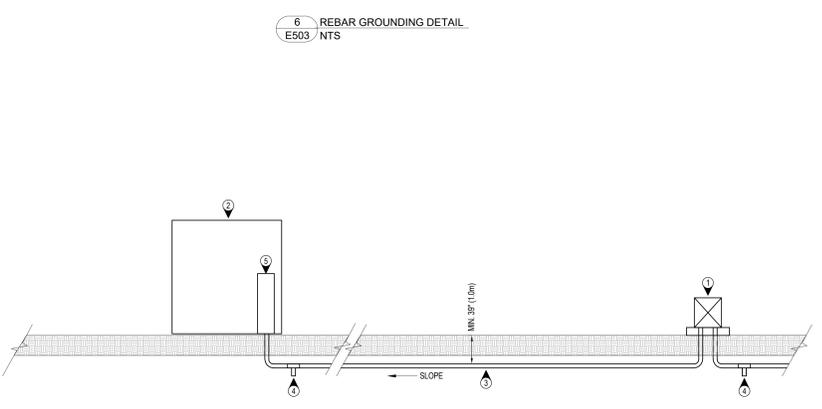
NOTES:  
1. HIGHEST VOLTAGE TO BE DEEPEST FOR ELECTRICAL CROSSOVER.

12 CROSSOVER DUCTS DETAIL  
E503 / NTS



DUCT #1	HIGH VOLTAGE	LOW VOLTAGE	VERY LOW VOLTAGE (COMM.)
DUCT #2	75 mm	300 mm	300 mm
HIGH VOLTAGE	75 mm	300 mm	300 mm
LOW VOLTAGE	300 mm	75 mm	300 mm
VERY LOW VOLTAGE (COMM.)	300 mm	300 mm	75 mm
GAS	300 mm	300 mm	300 mm
WATER	300 mm	300 mm	300 mm
SEWER	300 mm	300 mm	300 mm

13 HORIZONTAL DUCTS DETAIL  
E503 / NTS



KEYNOTES:

- 1 BC HYDRO PAD MOUNT TRANSFORMER
- 2 MAIN ELECTRICAL ROOM
- 3 SECONDARY SERVICE DUCTS
- 4 COORDINATE WITH CIVIL/MECHANICAL FOR T-DRAIN CONNECTION
- 5 RACEWAY FOR INCOMING SERVICE

10 HYDRO SERVICE DUCT ELEVATION  
E503 / NTS

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Project title  
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Client  
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**BVP ELECTRICAL DETAILS**