

# BURKE MOUNTAIN COMMUNITY CENTRE

BURKE MOUNTAIN, COQUITLAM, BC



hcm  
architecture + design

400 - 675 W Hastings St  
Vancouver BC V6B 1N2

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ELECTRICAL SYMBOL LEGEND									
LIGHTING		POWER		FIRE ALARM		COMMUNICATIONS		SINGLE LINE	
	EMERGENCY/NIGHT LIGHT LUMINAIRE		SINGLE RECEPTACLE		SMOKE DETECTOR		WALL MOUNTED HORIZONTAL CABLES DATA OUTLET WITH CABLE CABLE HOME RUN TO TELECOM ROOM		FEEDER CONDUCTOR
	SURFACE MOUNTED LINEAR LUMINAIRE		DUPLEX RECEPTACLE		DUCT MOUNTED SMOKE DETECTOR		BUSBAR/ROOF		POWER CIRCUIT BREAKER (VACUUM OR SF6)
	CEILING RECESSED LUMINAIRE		FOUR PLEX RECEPTACLE		12V SMOKE ALARM W/ BATTERY BACKUP		DRAW OUT BREAKER		BREAKER
	CEILING SUSPENDED LINEAR LUMINAIRE		ABOVE COUNTER DUPLEX RECEPTACLE		THERMAL DETECTOR		GEN. - ASSIST STATION		KEY INTERLOCK SWITCH
	EMERGENCY CEILING SUSPENDED LINEAR LUMINAIRE		ABOVE COUNTER FOUR PLEX RECEPTACLE		DUCT MOUNTED THERMAL DETECTOR		GEN. - GENERAL DATA CONNECTION		GANG OPERATED LOAD BREAK SWITCH
	LED STRIP LUMINAIRE		5-20R DUPLEX RECEPTACLE (T-SLOT)		DIN - DATA MONITOR		DAS - DISTRIBUTED ANTENNA SYSTEM		MOTORIZED GANG OPERATED LOAD BREAK SWITCH
	SURFACE MOUNTED LUMINAIRE		ABOVE COUNTER 5-20R DUPLEX RECEPTACLE (T-SLOT)		FIRE ALARM PIEDZ WITH SILENCE SWITCH		MPR - MULTI PURPOSE ROOM FLOOR BOX		FUSE
	EMERGENCY SURFACE MOUNTED LUMINAIRE		12 SWITCHED DUPLEX RECEPTACLE		FIRE ALARM HORN (W/STROBE)		MC - MASTER CLOCK		RELAY
	RECESSED DOWN LIGHT		FIRE ALARM PULL STATION		PS - POINT OF SALE		WAP - WIRELESS ACCESS POINT		NORMALLY OPEN CONTACT
	EMERGENCY RECESSED DOWN LIGHT		FIRE ALARM BELL		FIRE ALARM BELL		MFC - MAIL PRINTING DEVICES (FAX + PRINTER)		NORMALLY CLOSED CONTACT
	WALL MOUNTED DOWN LIGHT		ABOVE COUNTER SPLIT DUPLEX RECEPTACLE		FIRE ALARM CONTROL		VMS - VIDEO MANAGEMENT SYSTEM (8 + 2500mm AFF)		CABLE FOOTHEAD
	EMERGENCY WALL MOUNTED DOWN LIGHT		ISOLATED GROUND DUPLEX RECEPTACLE		FIRE ALARM HORN		BMS - BUILDING MANAGEMENT SYSTEM (8 + 2500mm AFF)		LIGHTNING ARRESTOR
	RECESSED STEP LIGHT		ISOLATED GROUND FOUR PLEX RECEPTACLE		FIRE ALARM HORN		PRT - PRINTER		GROUND
	WALL MOUNTED UP LIGHT		GROUND FAULT INTERRUPTER FOUR PLEX RECEPTACLE		FIRE ALARM HORN		BMS - BUILDING MANAGEMENT SYSTEM (8 + 2500mm AFF)		METERING TRANSFORMER
	PENDANT LUMINAIRE		GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE		FIRE ALARM HORN		MTR - METERING (8 + 2500mm AFF)		SERVICE PROVIDER METER
	EMERGENCY PENDANT LUMINAIRE		HEALTHCARE GRADE 5-20R RECEPTACLE		FIRE ALARM HORN		TNL - TURNSTILE		DIGITAL METERING UNIT
	SQUARE PENDANT LUMINAIRE		ABOVE COUNTER GFCI DUPLEX RECEPTACLE		FIRE ALARM HORN		CABLE TV OUTLET		OVERCURRENT PHASE RELAY
	EMERGENCY SQUARE PENDANT LUMINAIRE		FLOOR MOUNTED DUPLEX RECEPTACLE		FIRE ALARM HORN		1x DATA CABLE + 1x COAXIAL RG6		TRANSFORMER (DRY TYPE)
	UNDER CUPBOARD STRIP/PACK LIGHT		CEILING MOUNTED DUPLEX RECEPTACLE		FIRE ALARM HORN		CABLE HOME RUN TO TELECOM ROOM		DELTA-WYE TRANSFORMER
	TRACK		CEILING MOUNTED FOUR PLEX RECEPTACLE		FIRE ALARM HORN		WIRELESS ACCESS POINT		GENERATOR
	TRACK HEAD		SYSTEMS FURNITURE POWER WAP CONNECTION		FIRE ALARM HORN		CEILING MOUNTED SPEAKER		TRANSFER SWITCH
	SPOT LIGHT		SERVICE PACK FACE		FIRE ALARM HORN		LONG, SHORT, INSTANTANEOUS & GROUND TRIP UNIT		VIDEO PROJECTOR
	POLE LUMINAIRE		JUNCTION BOX		FIRE ALARM HORN		PUBLIC ADDRESS HORN		CEILING MOUNTED AV CONTROL SENSOR
	TWO HEAD POLE LUMINAIRE		MECHANICAL EQUIPMENT DIRECT CONNECTION		FIRE ALARM HORN		BELL		VIDEO CONFERENCE BAR
	BOLLARD		KITCHEN EQUIPMENT CONNECTION		FIRE ALARM HORN		BULB		VOLUME CONTROLLER
	BACKGROUND LIGHTING		VARIABLE SPEED SWITCH		FIRE ALARM HORN		LOW VOLTAGE LIGHTING RELAY CABINET		DOUBLE NEUTRAL
	SINGLE POLE TOGGLE SWITCH - GANGED AS SHOWN		THERMOSTAT		FIRE ALARM HORN		PHASE SHIFT		ABBREVIATIONS
	LOW VOLTAGE SWITCH - GANGED AS SHOWN		PASSBOARD HEATER (VOLTAGE AS NOTED ON PLANS)		FIRE ALARM HORN		EXISTING TO REMAIN		ABOVE COUNTER
	THREE WAY TOGGLE SWITCH		FORCE FLOW HEATER		FIRE ALARM HORN		NIGHT LIGHT		EXISTING DEVICE TO BE REMOVED
	OCCUPANCY SENSOR, WALL MOUNTED		MECHANICAL CONNECTION		FIRE ALARM HORN		EXISTING DEVICE TO BE RELOCATED AND RELOCATED		WEATHER PROOF
	OCCUPANCY SENSOR, CEILING MOUNTED		DISCONNECTOR SWITCH		FIRE ALARM HORN		EXISTING DEVICE TO BE REPLACED WITH NEW		USB RECEPTACLE
	DAYLIGHT SENSOR, WALL MOUNTED		MAGNETIC STARTER		FIRE ALARM HORN		GROUND FAULT CIRCUIT INTERRUPTER		
	DAYLIGHT SENSOR, CEILING MOUNTED		CONTACTOR		FIRE ALARM HORN				
	LOW VOLTAGE OCCUPANCY SENSOR, WALL MOUNTED		MANUAL STARTER		FIRE ALARM HORN				
	LOW VOLTAGE OCCUPANCY SENSOR, CEILING MOUNTED		GROUND BUS		FIRE ALARM HORN				
	OCCUPANCY SENSOR WITH DIMMER		PANEL BOARD		FIRE ALARM HORN				
	DAYLIGHT SENSOR WITH DIMMER		CONDUIT RUN UP		FIRE ALARM HORN				
	LOW VOLTAGE OCCUPANCY SENSOR WITH DIMMER		CONDUIT RUN DOWN		FIRE ALARM HORN				
	DIMMER SWITCH		PUSH BUTTON		FIRE ALARM HORN				
	PHOTOCELL		EMERGENCY PUSH BUTTON		FIRE ALARM HORN				
	TIME CLOCK				FIRE ALARM HORN				
	EXIT SIGN - ARROWS AS INDICATED				FIRE ALARM HORN				
	EXIT SIGN - SINGLE SIDED				FIRE ALARM HORN				
	EMERGENCY BATTERY PACK				FIRE ALARM HORN				
	DUAL REMOTE EMERGENCY HEADS, CEILING MOUNTED				FIRE ALARM HORN				
	DUAL REMOTE EMERGENCY HEADS, WALL MOUNTED				FIRE ALARM HORN				
	DUAL EMERGENCY HEADS WITH SELF CONTAINED BATTERY PACK, CEILING MOUNTED				FIRE ALARM HORN				
	DUAL EMERGENCY HEADS WITH SELF CONTAINED BATTERY PACK, WALL MOUNTED				FIRE ALARM HORN				

NOTE: NOT EVERY SYMBOL IS USED.

ELECTRICAL DRAWING LIST	
NUMBER	NAME
E001	COVER PAGE
E002	SITE SERVICE PLAN
E003	PROJECTION SCREEN
E004	VIDEO CAMERA
E005	REMOTE AV SOURCE
E006	WHITE BOARD
E007	MICROPHONE
E008	CEILING MOUNTED MICROPHONE
E009	JUNCTION BOX
E010	ANTENNA
E011	DEMARCATION FOR ALL SERVICES
E012	KEYBOARD
E013	INTERCOMSTATION
E014	AV TOUCH PANEL
E015	AV CONTROL TOUCH PANEL
E016	CLOCK
E017	CRUISER
E018	WIRED REPEATER / PROCESSOR
E019	MAN ELECTRICAL ROOM DETAILS
E020	SERVICE ROOM DETAILS
E021	MECHANICAL SCHEDULE 1 OF 3
E022	MECHANICAL SCHEDULE 2 OF 3
E023	MECHANICAL SCHEDULE 3 OF 3
E024	LEVEL P2 EAST - LOW TENSION PLAN
E025	LEVEL P2 WEST - LOW TENSION PLAN
E026	LEVEL P1 EAST - LOW TENSION PLAN
E027	LEVEL P1 WEST - LOW TENSION PLAN
E028	LEVEL P2 EAST - LOW TENSION PLAN
E029	LEVEL P2 WEST - LOW TENSION PLAN
E030	LEVEL P1 EAST - LOW TENSION PLAN
E031	LEVEL P1 WEST - LOW TENSION PLAN
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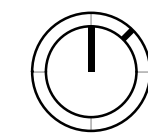


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plan



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  
  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**SITE SERVICE PLAN**

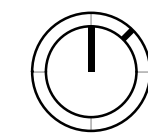


1 SITE SERVICE PLAN  
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Key  
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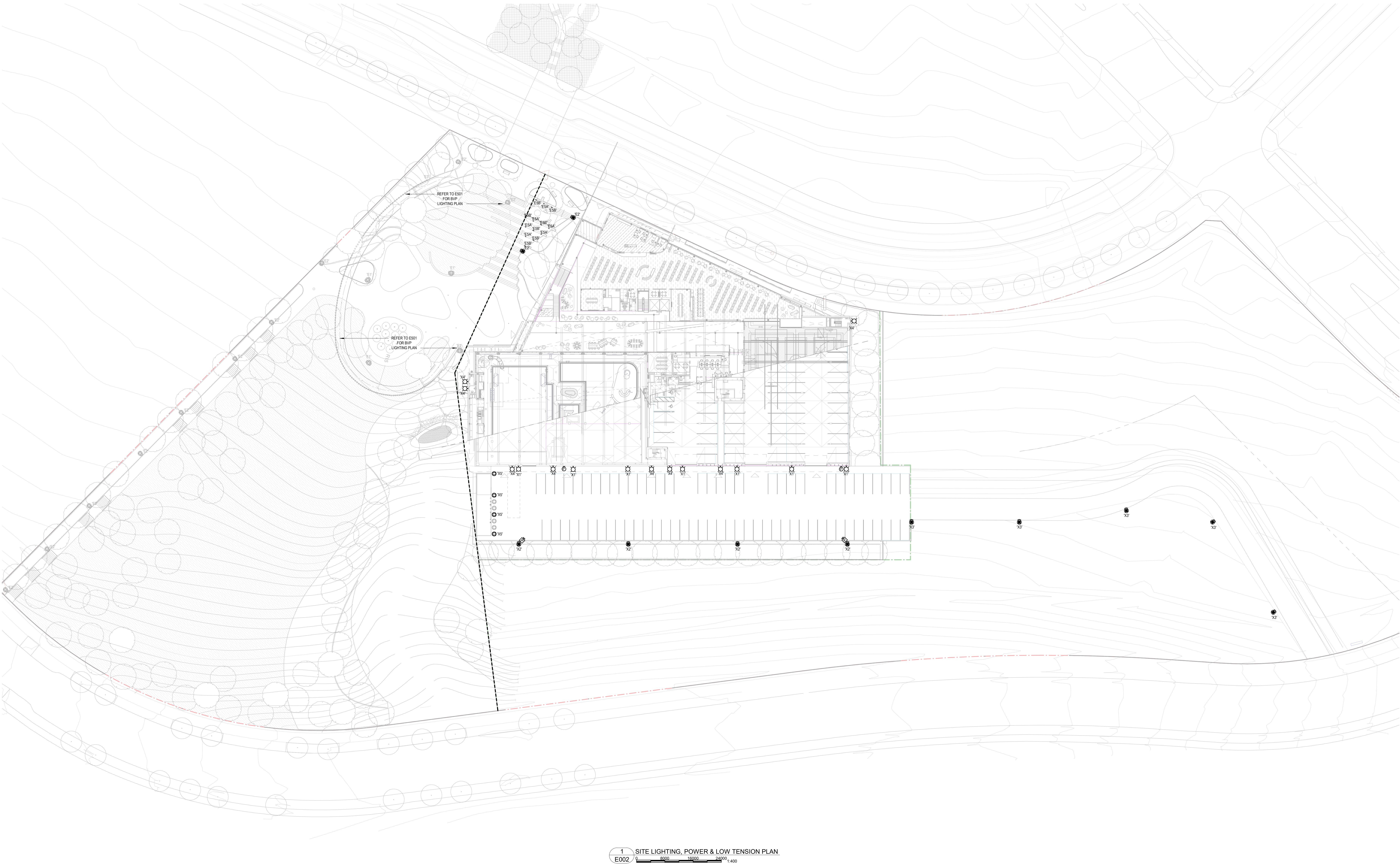
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5	2025.10.01	ISSUED FOR 25% CD
6	2025.11.07	ISSUED FOR 50% CD
7	2025.11.21	ISSUED FOR 50% CD
8	2025.12.19	ISSUED FOR 60% CD

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

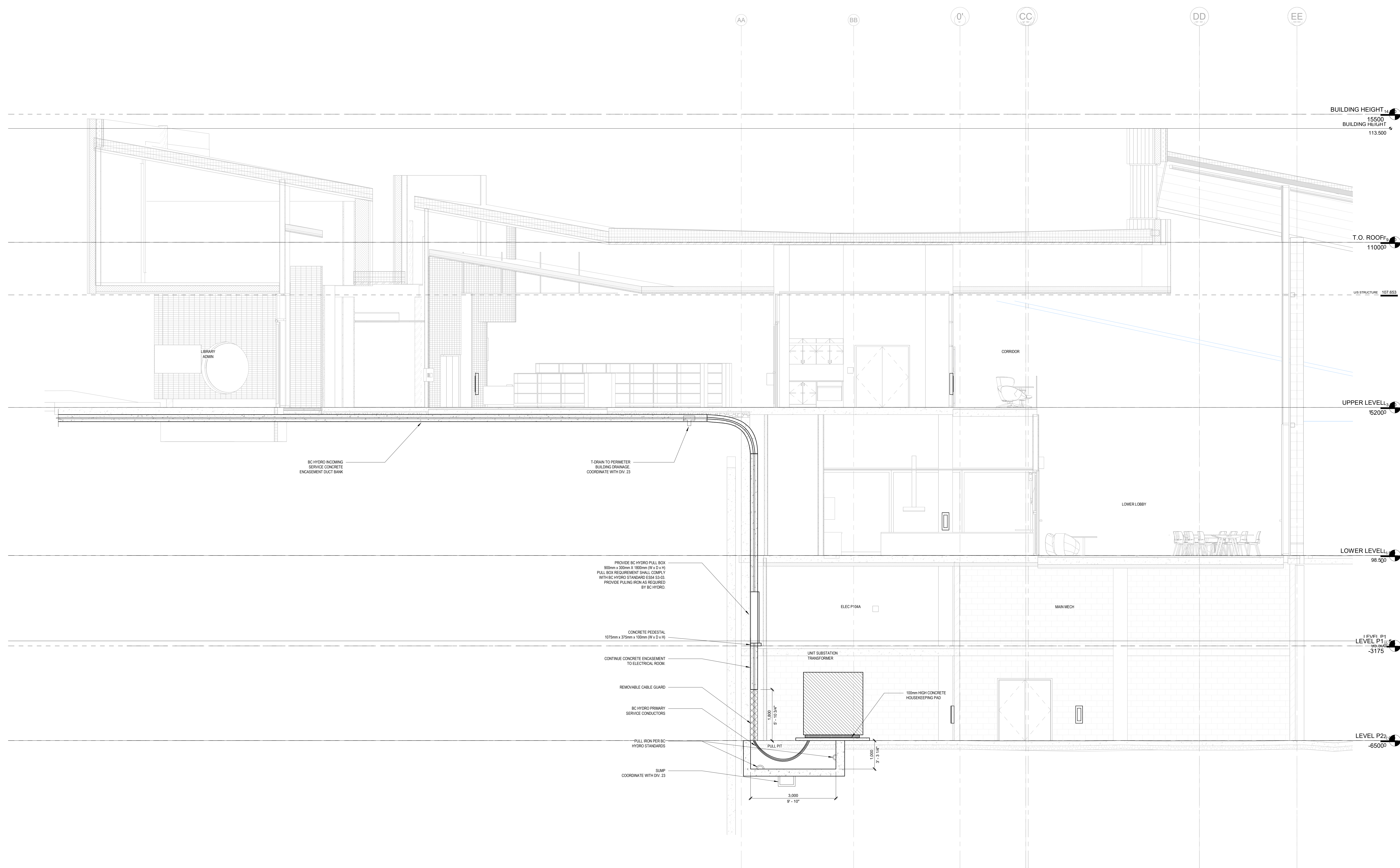
Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

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







1 INCOMING SERVICE DETAILS  
E050 0 1000 2000 3000 1.50





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

Client  
City of Coquitlam

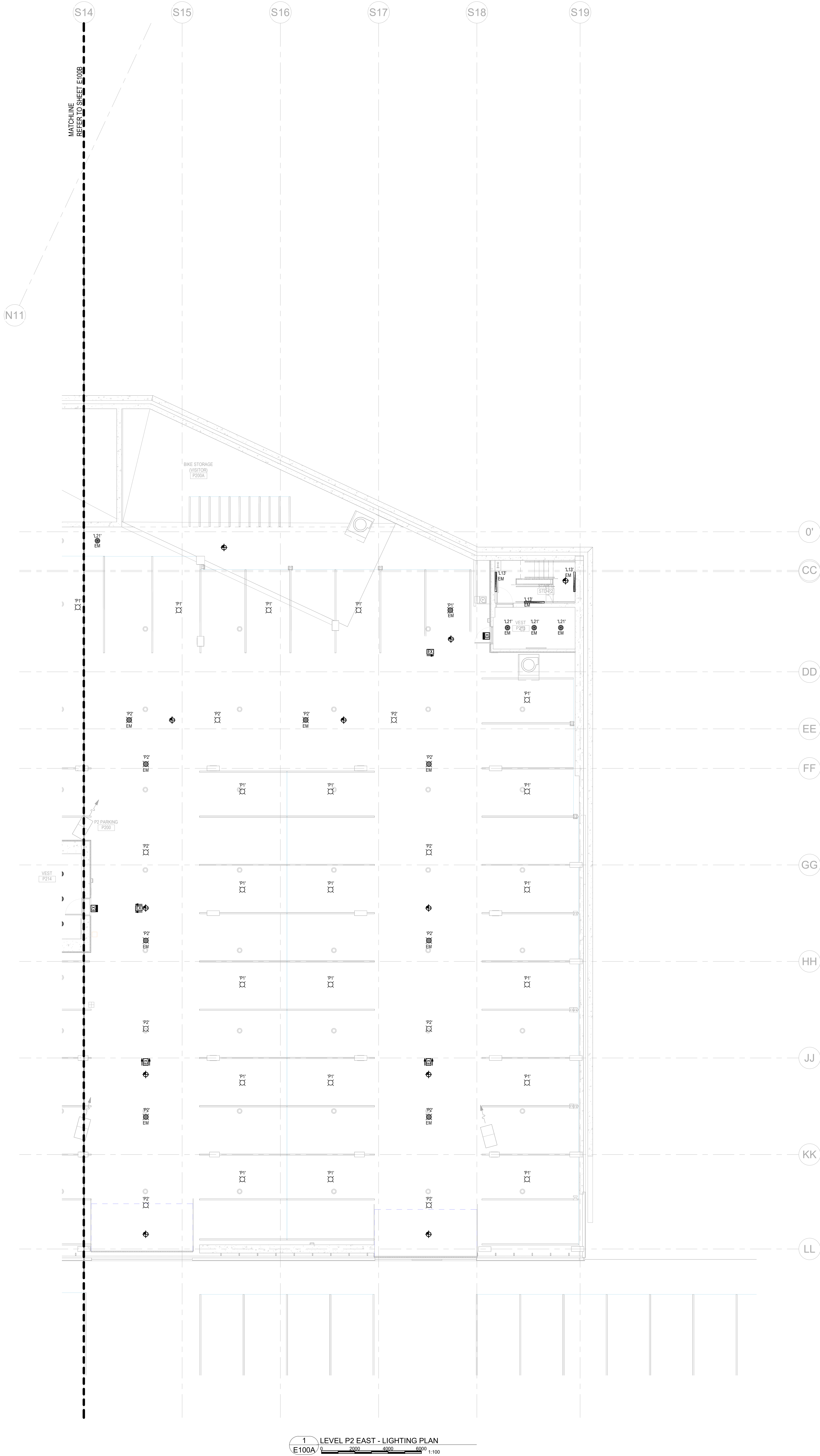
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P2 EAST -  
LIGHTING PLAN**

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**E100A**



1 LEVEL P2 EAST - LIGHTING PLAN  
E100A





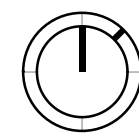
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Project title  
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Community Centre  
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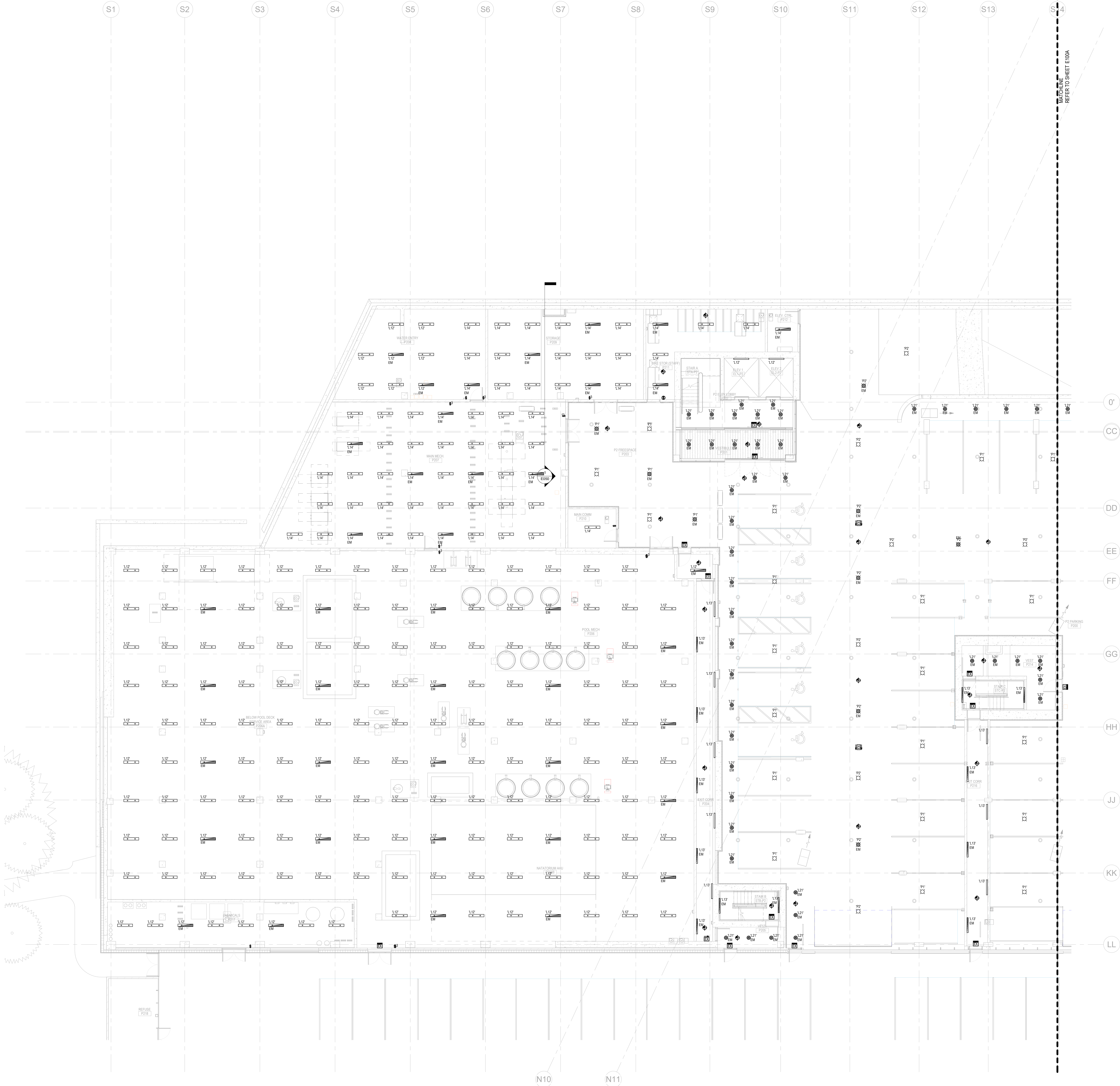
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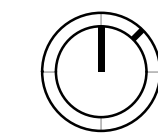
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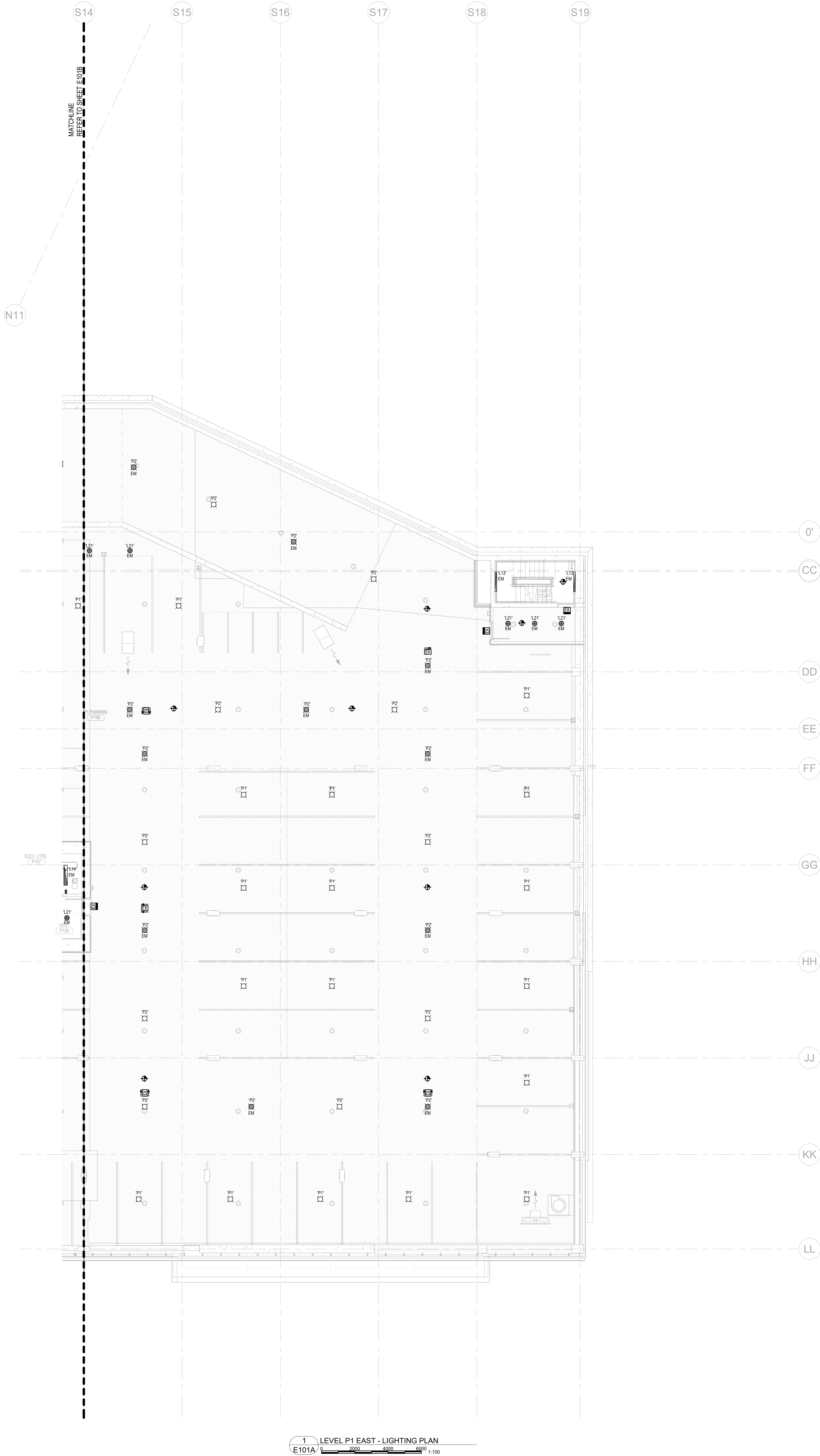
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1 LEVEL P1 EAST - LIGHTING PLAN  
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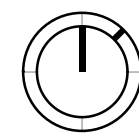
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Project title  
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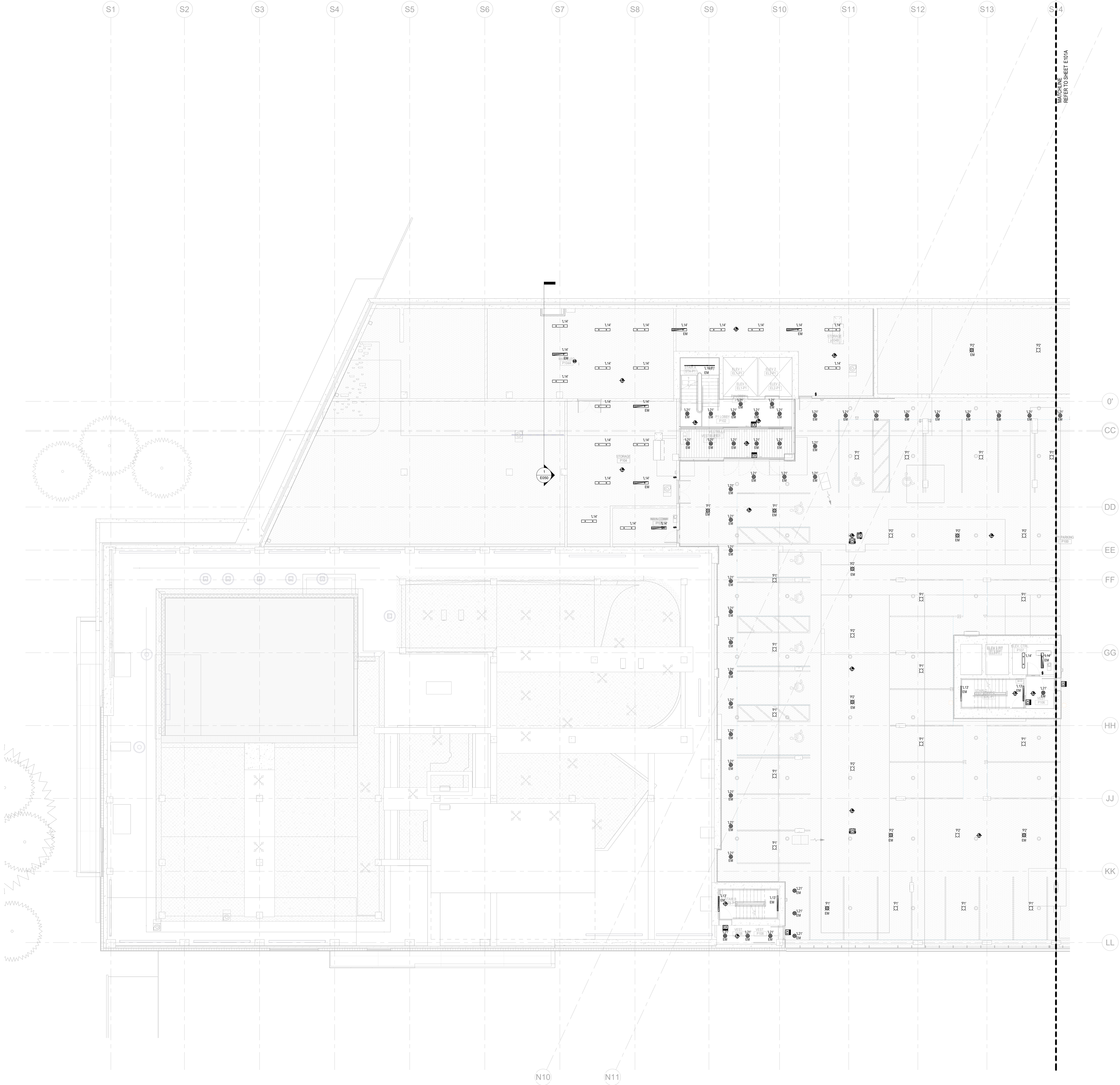
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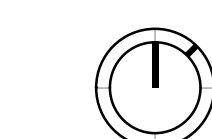


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Project title  
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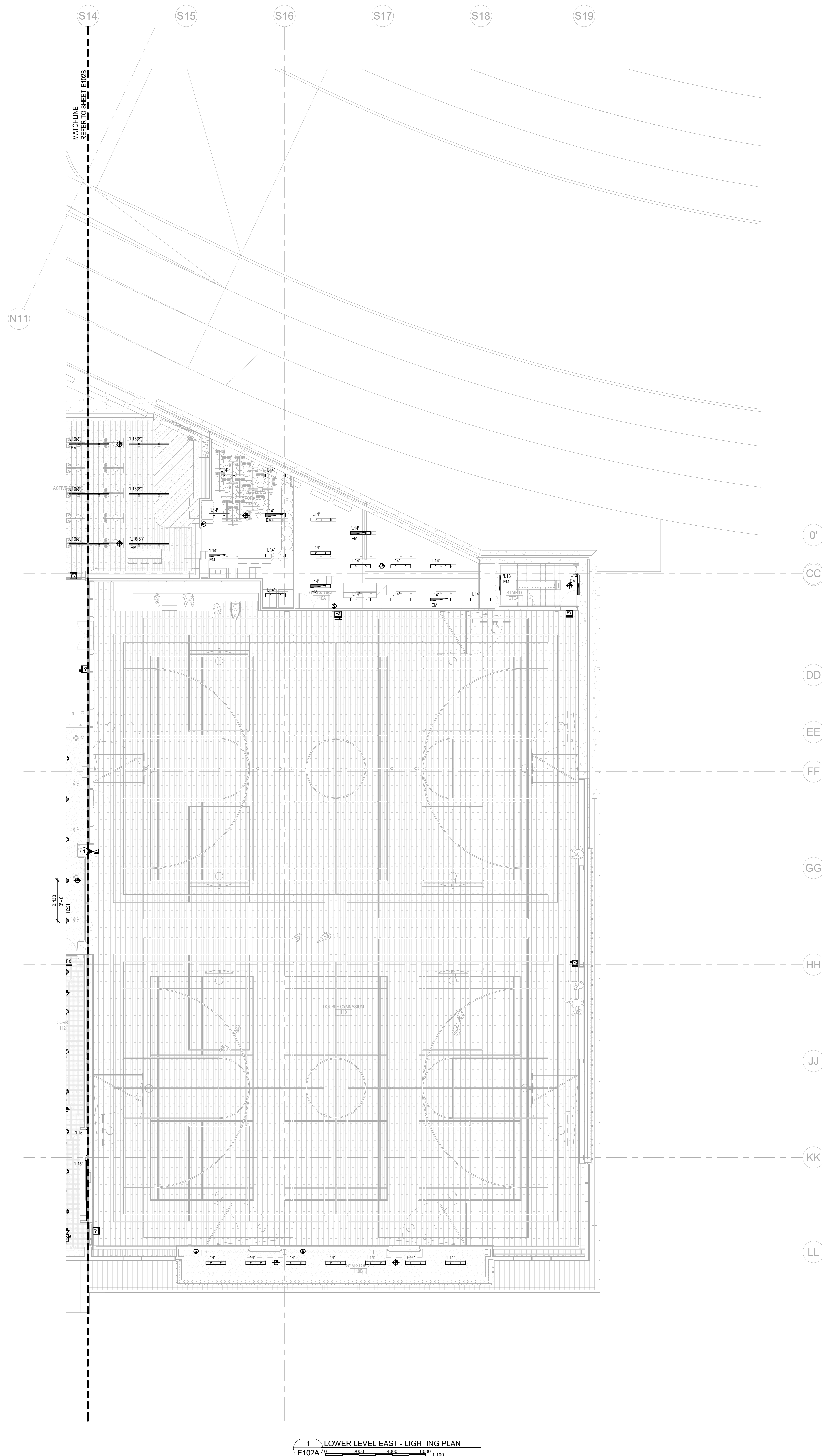
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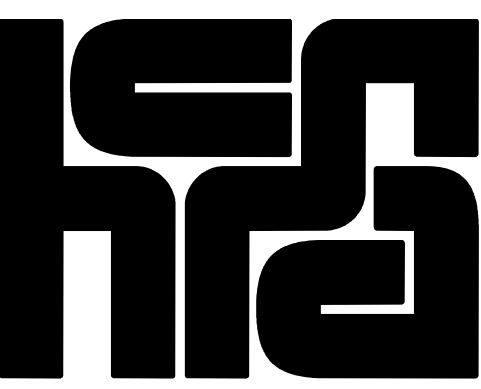
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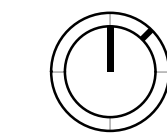
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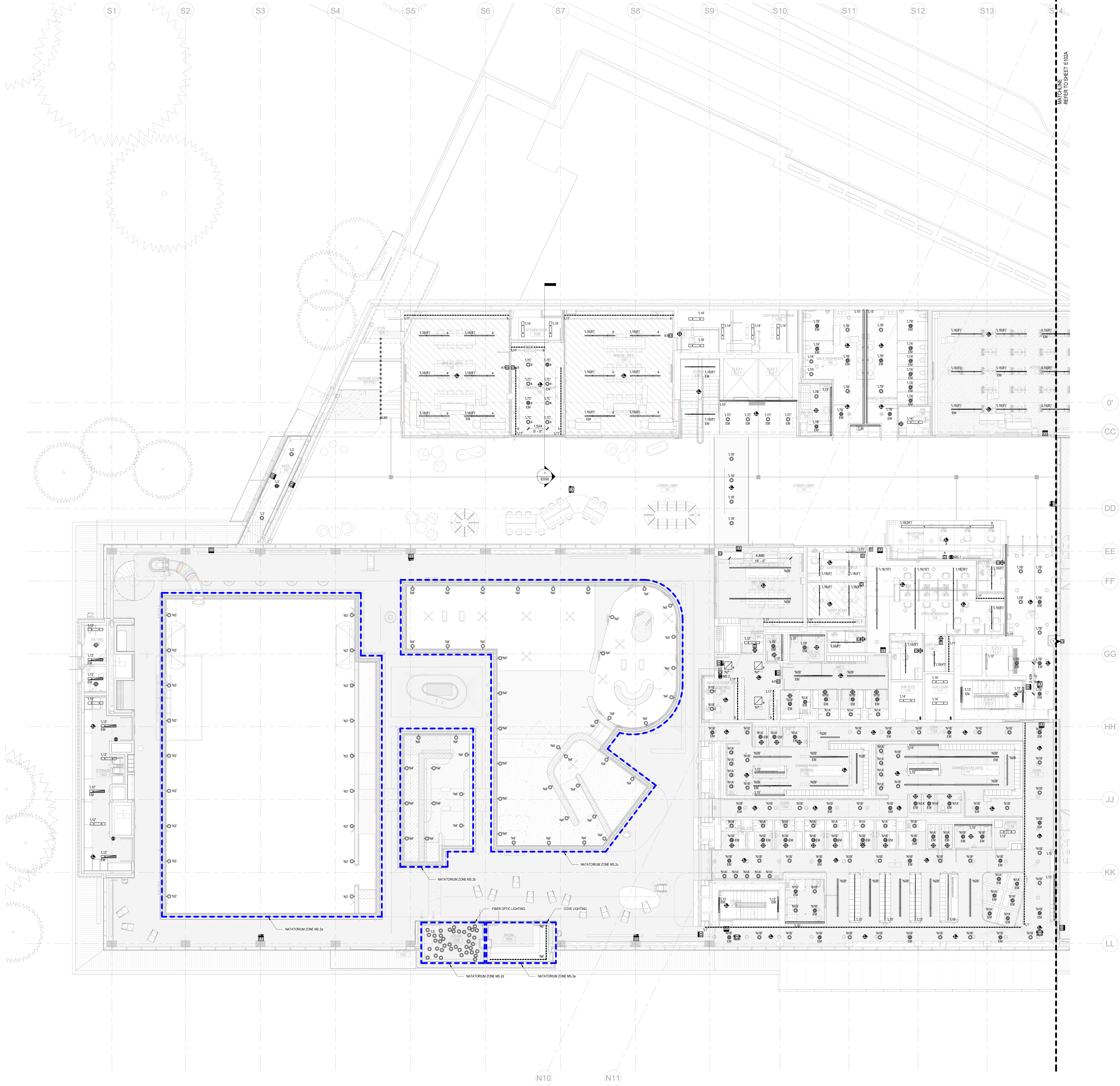
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1 LOWER LEVEL WEST - LIGHTING PLAN  
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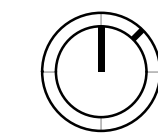
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Project title  
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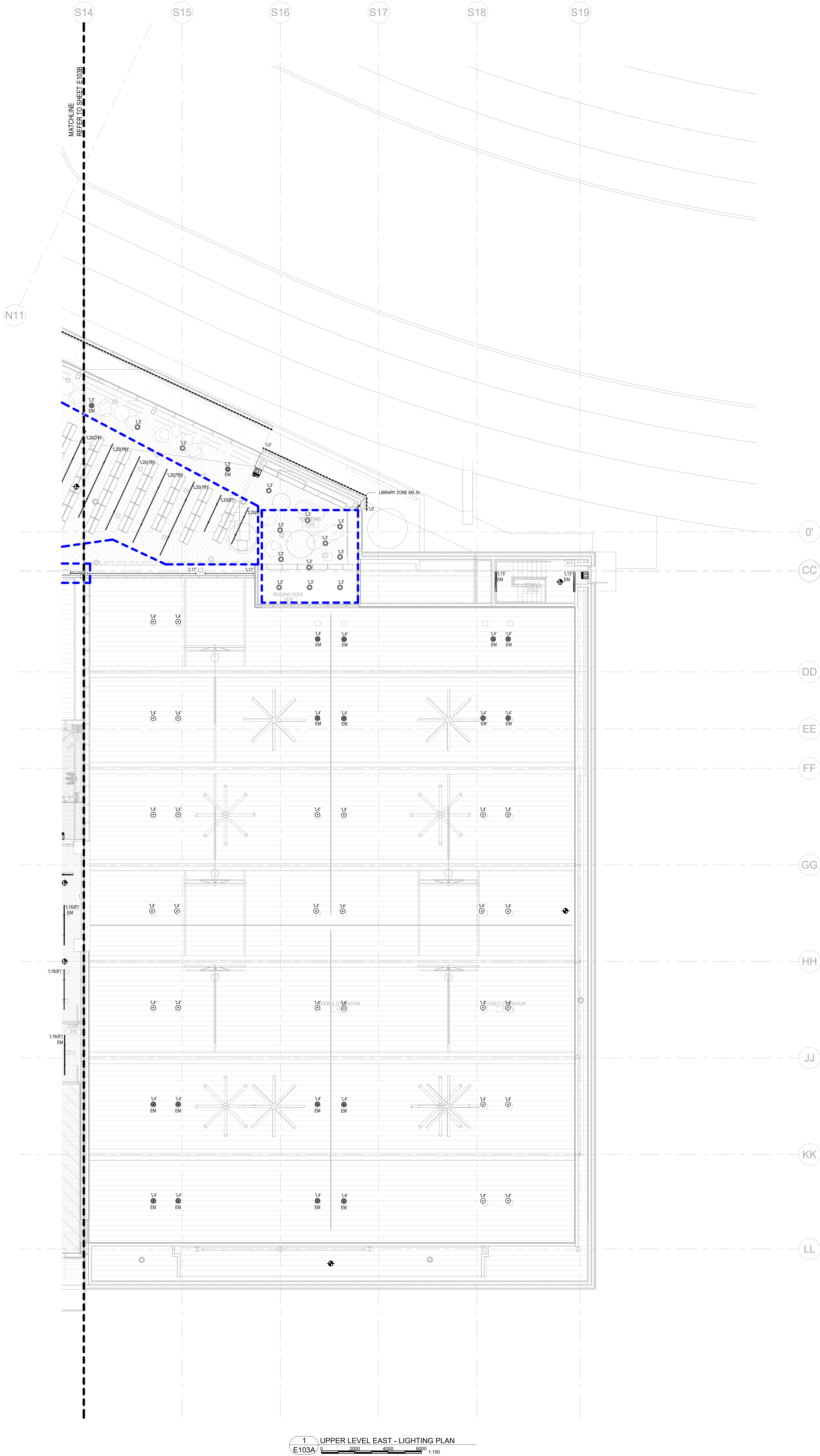
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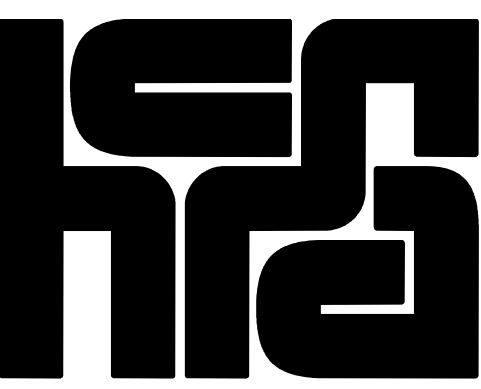
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1 UPPER LEVEL EAST - LIGHTING PLAN  
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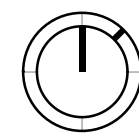
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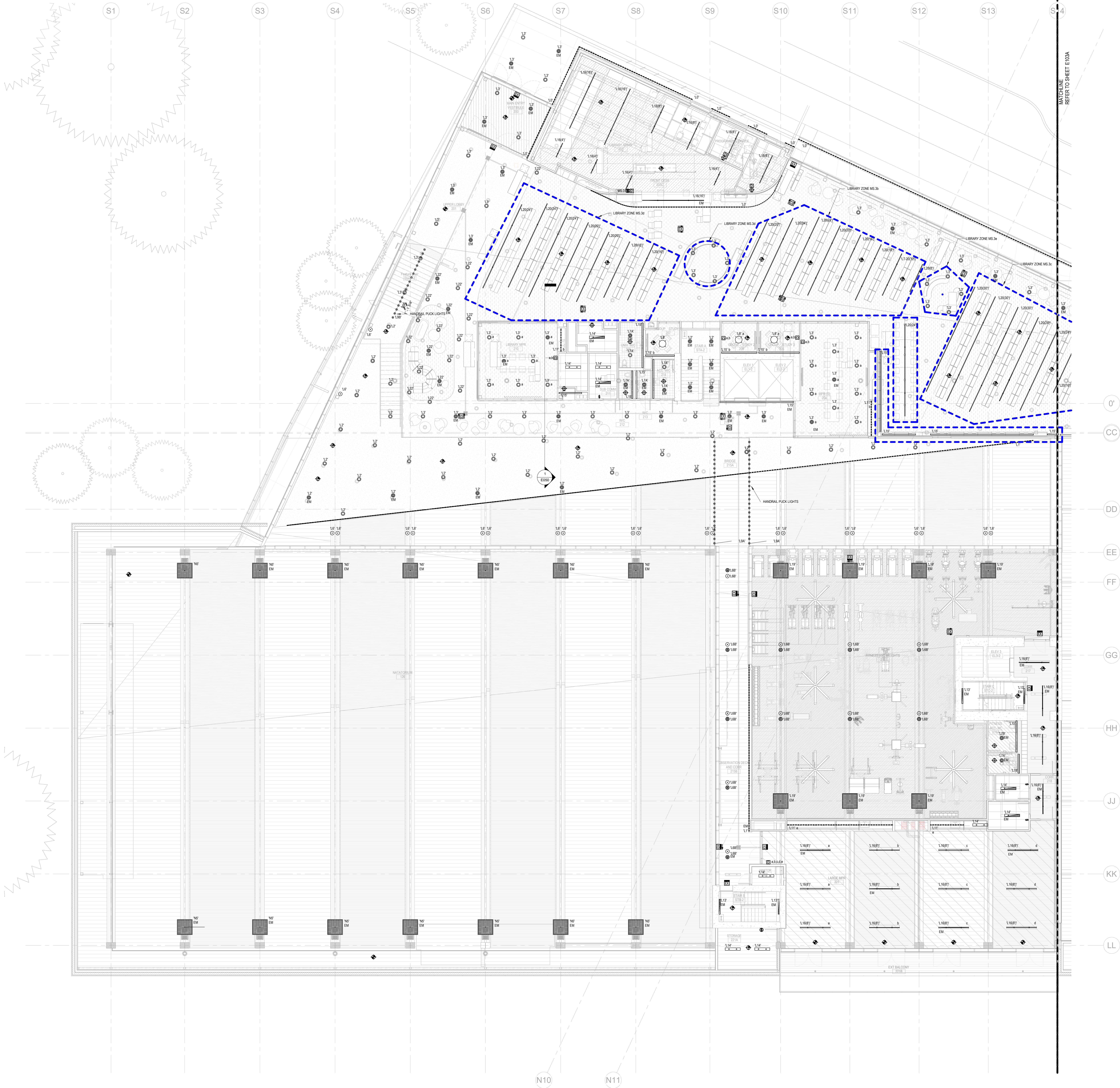
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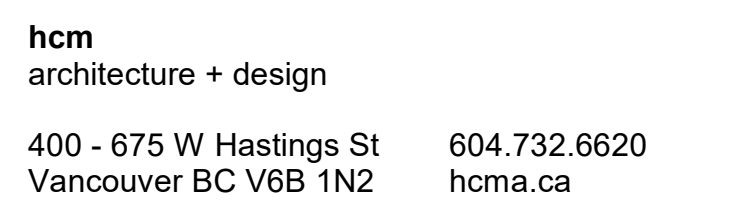
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1 UPPER LEVEL WEST - LIGHTING PLAN  
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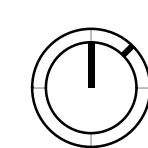


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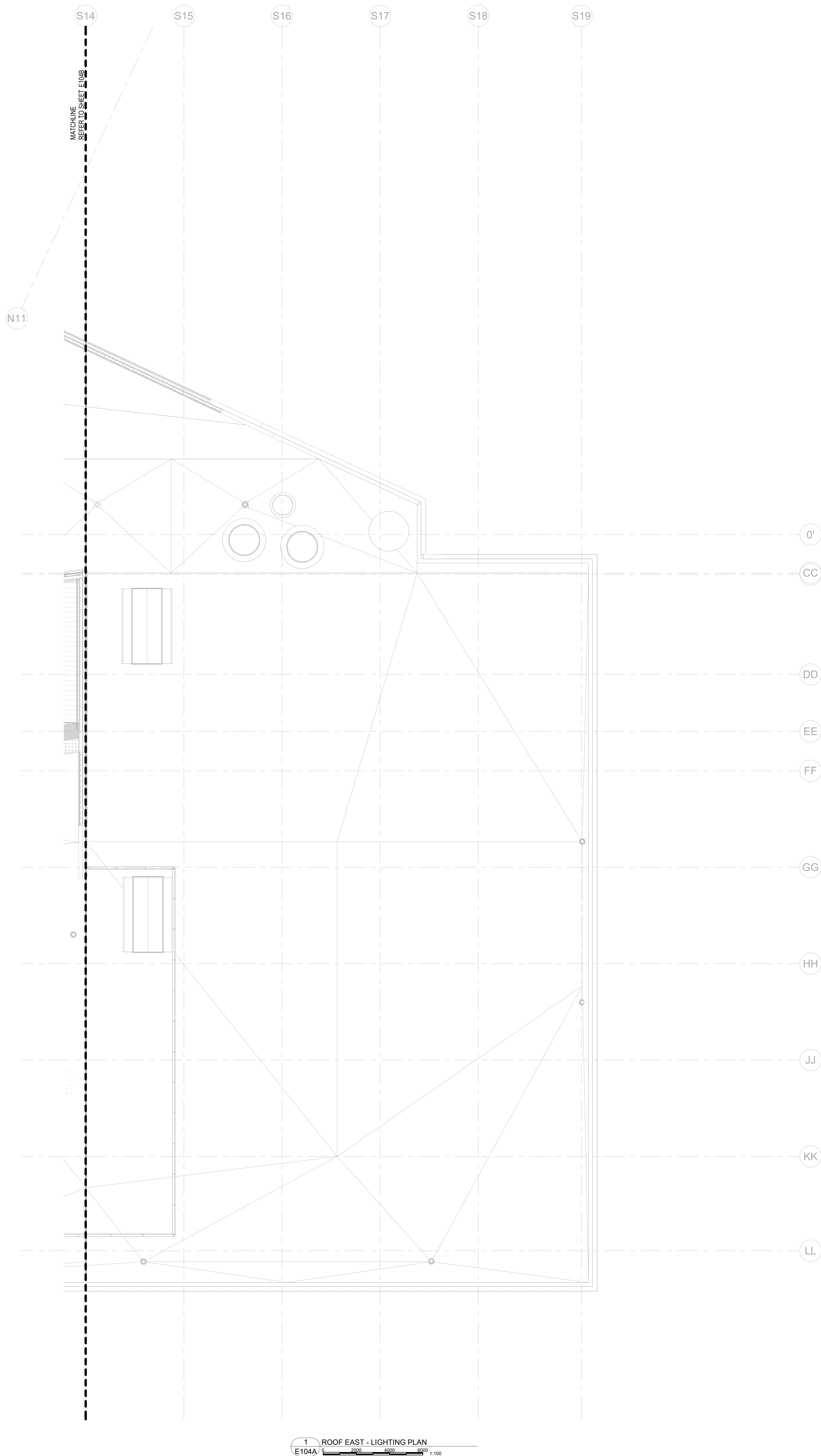
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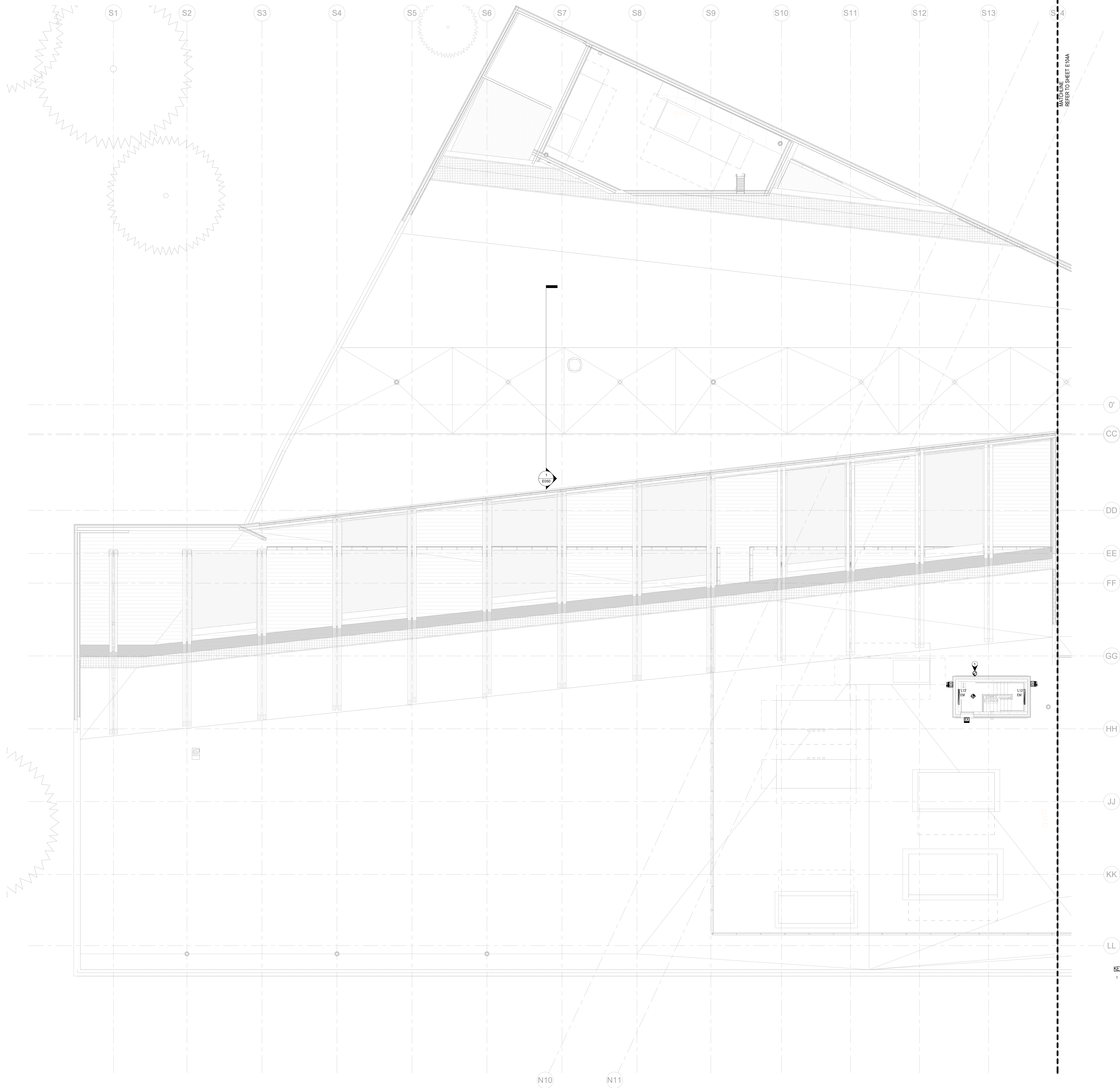
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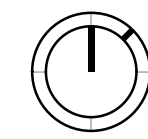
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1 ROOF WEST - LIGHTING PLAN  
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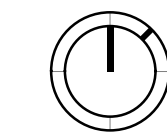
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TYPE	IMAGE	DESCRIPTION	LOCATION	BASIS OF DESIGN PRODUCT	MOUNTING	LED PERFORMANCE				CONTROL	VOLTAGE	BUG RATING	REMARKS	NOTES
						WATTS (W)	LUMENS	CCT (K)	CRI					
L0		SURFACE MOUNTED LINEAR GRAZER LIGHT WITH 30X30 OPTIC COMPLETE WITH MOUNTING BRACKETS AND C BOX.	BRIDGE, PERFORATED MESH SCREEN	LUMENPULSE LUMENFACADE NANO OR EQUAL APPROVED LOON-7W-48VDC-12-30K-96-30X30-HFR-SAMM-FINISH BY ARCH-UCTL	SURFACE MOUNTED	7W/FT	2986 LM/FT	3000	80	0-10V	120V			
L1		WALL RECESSED LINEAR LIGHT WITH ASYMMETRIC DISTRIBUTION COMPLETE WITH 0-10V DIMMING POWER SUPPLY.	ATRIUM INDIRECT LIGHTING	VODE 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	1288LM/FT	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 A600070	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-ST2-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	18992LM EACH ILLUMINATOR	5000K	80	0-10V	120V		NATATORIUM RATED.	
L6		SUSPENDED ROUND LED ADJUSTABLE PROJECTOR LIGHT C/W DIMMING POWER SUPPLY. FLOOD OPTIC.	CLIMBING FEATURE AND ATRIUM LOBBY	IGUZZINI LE PERROQUET PENDANT LARGE OR EQUAL APPROVED LARGE 160MM 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 PERROQUET 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-ND-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	25.11W	2286LM	3500	90	0-10V	120V			
L9A		HANDRAIL PUCK LIGHT WITH ASYMMETRIC DISTRIBUTION COMPLETE WITH REMOTE DIMMING POWER SUPPLY.	FEATURE STAIR ATRIUM	ZANEEN EYES 17 E12R0008-3000-ASYMETRIC	RECESSED HANDRAIL	2.33	150LM	3500	80	0-10V	24VDC		ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF DRIVERS WITH ARCHITECT	
L9B		HANDRAIL PUCK LIGHT WITH SYMMETRIC DISTRIBUTION COMPLETE WITH REMOTE DIMMING POWER SUPPLY.	FEATURE STAIR ATRIUM	ZANEEN 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-SO-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 ALUMINIUM 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 SXX LENSED SNX 45NX-4SSL-SLW-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 4SLSTP4040DD-UNV + SLSTP MS00 KIT( STORAGE ROOMS ONLY)	SUSPENDED	38.9W	5210LM	3500	90	0-10V	120V		COMPLETE WITH FIELD INSTALLABLE PIR SENSOR KIT 100% 50% OFF (8) SLSTP MS00 KI 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-60-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 UP/DN CONTROL.	OFFICES , PROGRAM SPACES	FLUXWERX VIEW OR EQUAL APPROVED VU3-B-B-D-90-FINISH BY ARCH-LENGTH TO SUIT-TBC-F2-M-12	SUSPENDED	38W/4FT	48004FT	3500	90	0-10V	120V			
L17		DESK MOUNTED LED LINEAR TASK LIGHT COMPLETE WITH DIMMING POWER SUPPLY.	LIBRARY	VODE LIGHTING RACE RAIL TASK LIGHT OR EQUAL APPROVED 107-RR-01-LENGTH TO SUIT-TA-18"-21"-75-AEN-1-Z-90-3500K-2-FINISH BY ARCH	DESK MOUNTED	760LM/FT	6W/FT	3500	90	0-10V	120V			
L18		ROUND RECESSED DOWNLIGHT COMPLETE WITH DIMMING POWER SUPPLY.	UNDER BRIDGE	LUMENPULSE LUMENCORE DISCREET NANO OR EQUAL APPROVED LADN-A-120-L13-35K- CR90-W-RD-TBC-DA1-TBC-TBC-HL	RECESSED	13W	1300LM	3500	90	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	90	0-10V	120V			
L20		ADJUSTABLE SUSPENDED LED LINEAR PENDANT LIGHT WITH ROUND PROFILE AND INDIRECT ONLY DISTRIBUTION C/W DIMMING POWER SUPPLY.	LIBRARY	VODE RACE RAIL OR EQUAL APPROVED 107-RR-01-LENGTH TO SUIT-CC-300"- 2R100-AEN-120-Z-HO-3500K-G1-ZZ-FINISH B ARCH	SUSPENDED	12.4W/FT	1260LM/FT	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 CARLO CYLINDER LIGHT OR EQUAL APPROVED COL407-25SP-3W-8-90-P30MF-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 A6000253	RECESSED	28.1	1519lm	3500	90	0-10V	120V			
N1A		4" DIAM ROUND DOWNLIGHT WITH REGRESSED LENS COMPLETE WITH HOUSING AND DIMMING POWER SUPPLY.	NATATORIUM LEVEL 1	PACO SEALED DOWNLIGHT 4" MD4-W5-8-35-MM-SY-RL-WH-120-D1	RECESSED	7W	500LM	3500	80	0-10V	120V		NATATORIUM RATED.	
N1B		4" DIAM ROUND DOWNLIGHT WITH REGRESSED LENS COMPLETE WITH HOUSING AND DIMMING POWER SUPPLY.	NATATORIUM LEVEL 1	PACO SEALED DOWNLIGHT 4" MD4-W10-8-35-MM-SY-RL-WH-120-D1	RECESSED	13W	858LM	3500	80	0-10V	120V		NATATORIUM 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-75-8-35-MM-W-MF-D1	RECESSED	7.5W/FT	750LM/FT	3500	80	0-10V	120V		NATATORIUM RATED.	
N2B		2" WIDE RECESSED LINEAR SLOT COMPLETE WITH DIMMING POWER SUPPLY AND MUD FLANGE FOR DRYWALL CEILING.	NATATORIUM LEVEL 1	PACO VEKTOR 2 NATATORIUM RATED VR2-LENGTH TO SUIT-75-8-35-MM-W-MF-D1	RECESSED	7.5W/FT	750LM/FT	3500	80	0-10V	120V		NATATORIUM 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 FILIX ARPOOL XM FAXM-TM-L-40-W-34-1	RECESSED	21W	2079LM	3500	80	0-10V	24VDC		NATATORIUM 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 FILIX ARPOOL M FAM-TM-H-40-W-34-1	RECESSED	15W	1000LM	3500	80	0-10V	24VDC		NATATORIUM RATED	
N5		SUSPENDED LED FLOOD LIGHT WITH ADJUSTABLE ASYMMETRIC INDIRECT DISTRIBUTION COMPLETE WITH DIMMING POWER SUPPLY AND GLARE SHIELD VISOR. NATATORIUM RATED.	POOL	METEOR BOLT NOVA BLTN-1050-406-UNV-STV-ASY-WHT-US6-US6-NAT	SUSPENDED(RIGID STEM)	1050W	141 750 LM	3500	85	0-10V	120V		NATATORIUM 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	61LM/FT	2200K	80	0-10V	24VDC		NATATORIUM RATED	
N7		RECESSED 2X2 TROFFER. WET RATED AND NATATORIUM RATED. COMPLETE WITH DIMMING POWER SUPPLY.	WET MPR	PACO LIGHTING PRC/LM OR EQUAL APPROVED PRCLM-SDW-22-TBC-8000-90-35K-MV-RF1-GW-1C-D-NATATORIUM RATED	RECESSED	68W	8000	3500	90	0-10V	120V		NATATORIUM 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			

TYPE	IMAGE	DESCRIPTION	LOCATION	PRODUCT	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-BK-DIM-CABLE LENGTH TBD-BK + + PM4 + SNW + SISTEMALUX POLE PL-C-684-AL-125-4-BK-WL	POLE	3 x 28 (84)	3 x 2020 (6060)	3000	80	0-10V	120	B1-U0-G0	PROVIDE A 5-15R DUPLEX GFGI WEATHERPROOF RECEPTACLE WITH LOCKABLE COVER AT THE BASE OF THE POLE LIGHT.	
E2		15' HIGH POLE LUMINAIRE, TYPE II DISTRIBUTION, IP68	LANDSCAPE PLAZA	LUMEC URBAN SCALE OR EQUAL APPROVED MPTC-55W32LED-3K-93-LE2-UNV-DMG-RC	POLE	55	5964	3000	80	0-10V	120	N/A	PROVIDE A 5-15R DUPLEX GFGI 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	KLIK USA LED POD 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-UFH-24V-4P68-30K-MOUNTING CHANNEL-PERPENDICULAR	SURFACE	3/FT	210FT	3000	80	0-10V	120	B0-U1-G1		
E5A		10" RECESSED STEP LIGHT, ASYMMETRIC	LANDSCAPE PLAZA	SISTEMALUX GHOST SGHO-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 SGHO-L17-830-REM-35-SCASSC8036	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 LUM-120-CSL-L200-30K-CR80-4-BK-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 LUM-120-CSL-L200-30K-CR80-4-BK-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 LUM-120-CSL-4150-30K-CR80-2-BK-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			

- 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 THE REQUIRED REVIEW TIME REQUIRED FOR THE CORRECT 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 POWER, EMERGENCY LIGHTING SHALL TURN ON AT 100% OUTPUT.
- K. IF THE SPECIFIED LUMINAIRE INDICATED IN THE LUMINAIRE SCHEDULE AND CONTROLS PACKAGE WILL REQUIRE ASHRAE 90.1 COMPLIANCE FORMS AND THE LIGHTING DESIGN TO BE REVISED AND RESUBMITTED TO THE AUTHORITY HAVING JURISDICTION BY THE ELECTRICAL ENGINEER OF RECORD. IF A REQUEST TO APPROVE AN ALTERNATE PACKAGE IS MADE AT DURING TENDER/BIDDING, THE COST OF REVISING AND RESUBMITTING THE FORMS AND DRAWINGS WILL BE THE RESPONSIBILITY OF THE SUBMITTER.
- L. ANY THIRD-PARTY LIGHTING PROCUREMENT SERVICES WILL INCUR AN ADDITIONAL \$3,000 FEE FOR REVIEW OF SPECIFIED LIGHTING PACKAGES AFTER LIGHTING OR ALTERNATE LIGHTING PACKAGES FROM ANY THIRD-PARTY LIGHTING PROCUREMENT SERVICES WILL INCUR AN ADDITIONAL FEE PER ITEM K FOR REVIEW AND APPROVAL AFTER LIGHTING HAS BEEN ISSUED FOR TENDER. ANY LIGHTING RE-DESIGN AS A RESULT OF SUBSTITUTIONS.
- M. ANY LIGHTING SUBSTITUTIONS OR ALTERNATE LIGHTING PACKAGES PROVIDED BY THE AWARDED ELECTRICAL CONTRACTOR TO THE OWNER OR PRIME CONSULTANT WITHOUT APPROVAL FROM AES ENGINEERING WILL BE SUBJECT TO AN ADDITIONAL FEE AS PER ITEM K.

Project title

Burke Mountain  
Community Centre  
(BMCC)

Client

City of Coquitlam

Site

Burke Mountain, Coquitlam, BC

Sheet title

LUMINAIRE  
SCHEDULE

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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

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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
8 2025.12.19	ISSUED FOR 60% CD

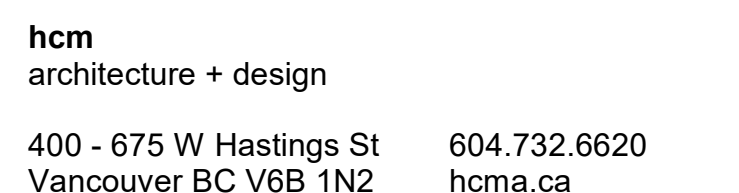
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Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LIGHTING CONTROL  
SCHEDULE



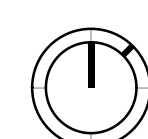


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Project title

Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam

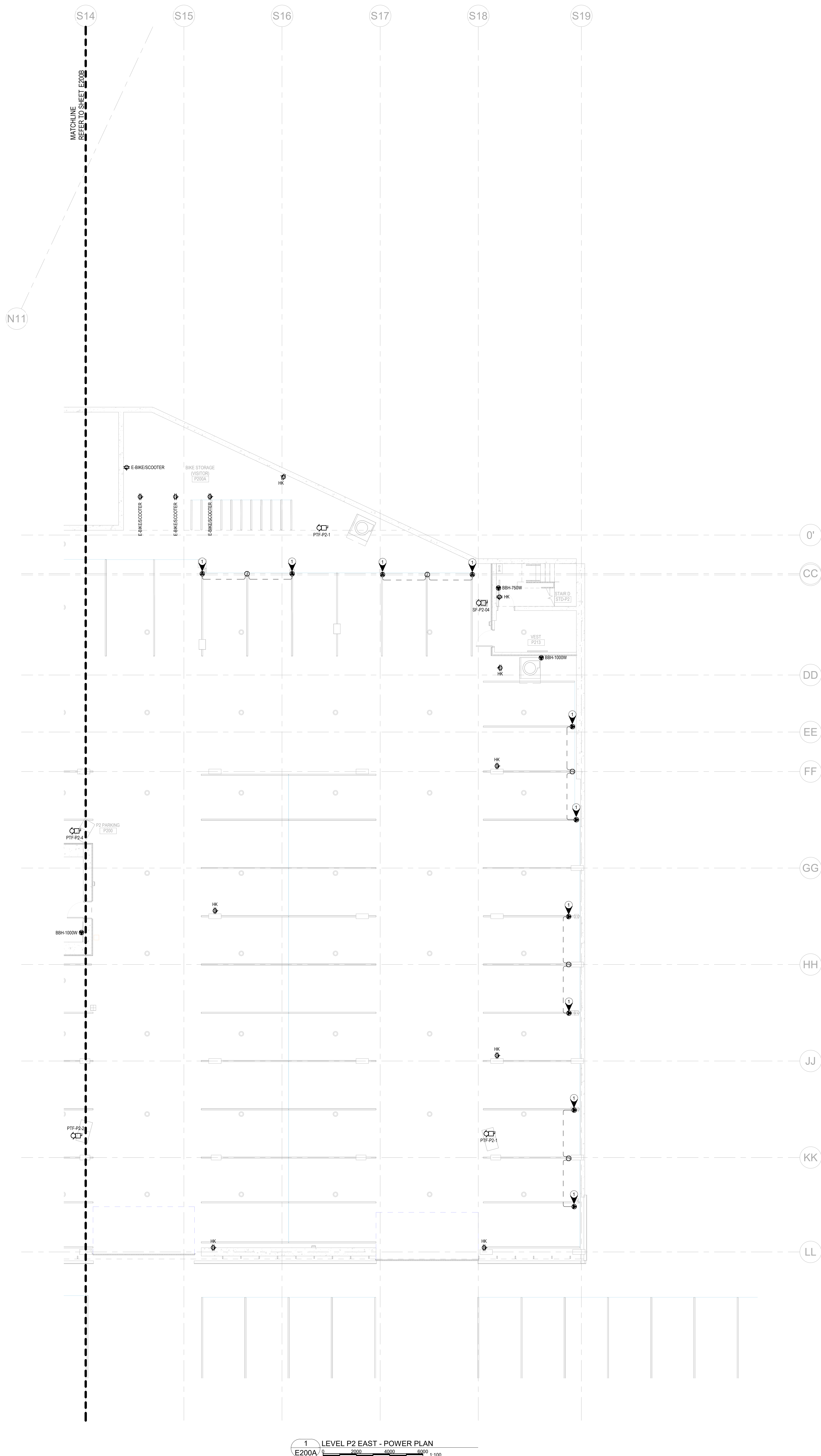
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## LEVEL P2 EAST - POWER PLAN

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# E200A



## KEYNOTES

1. PROVIDE MINIMUM 41mm DEDICATED CONDUIT BACK TO THE JUNCTION BOX AS SHOWN ON THE DRAWING.





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		COORDINATION
8	2025.12.19	ISSUED FOR 60% CD

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Community Centre  
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City of Coquitlam

**Site**  
Burke Mountain, Coquitlam, BC

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LEVEL P2 WEST -  
POWER PLAN

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## KEYNOTES

1. PROVIDE MINIMUM 41mm DEDICATED CONDUIT BACK TO THE JUNCTION BOX AS SHOWN ON THE DRAWING





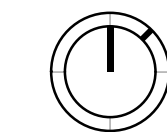
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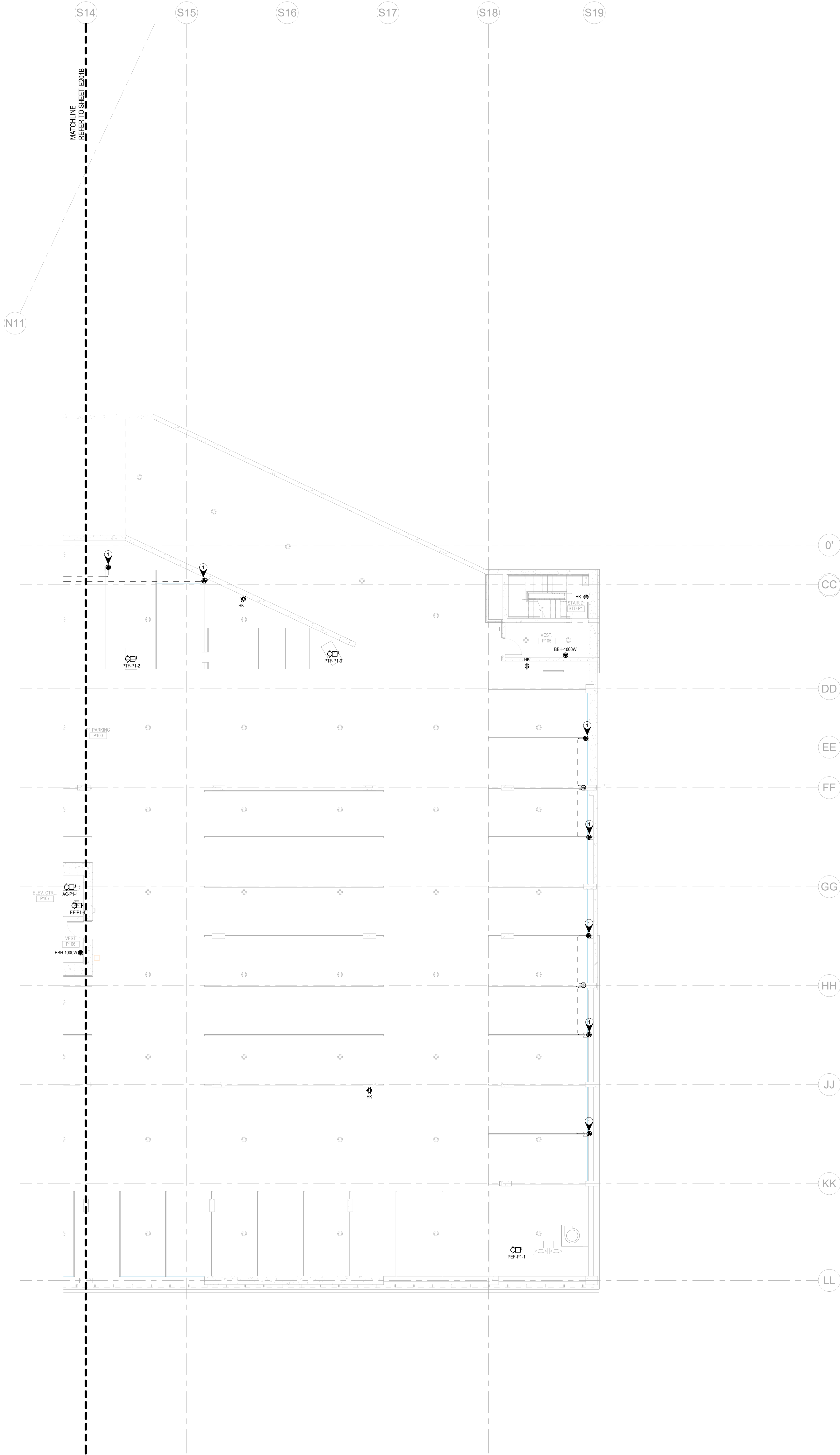
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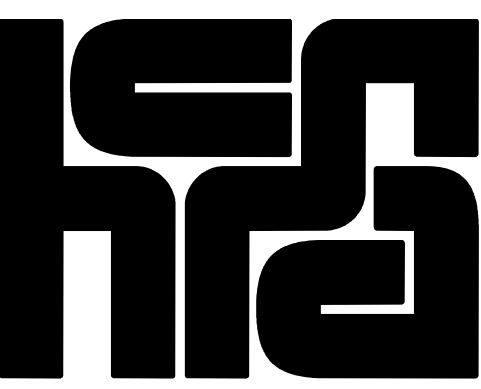
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1 LEVEL P1 EAST - POWER PLAN  
E201A

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





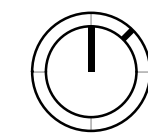
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5 2025.10.01 ISSUED FOR 25% CD  
6 2025.11.07 ISSUED FOR 50% CD  
8 2025.12.19 ISSUED FOR 60% CD

Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LEVEL P1 WEST -  
POWER PLAN

Printed  
Date  
Sheet  
number  
12/19/2025 4:32:11 PM  
Current Issue 8

E201B



1 LEVEL P1 WEST - POWER PLAN  
E201B

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





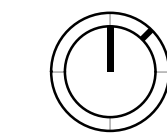
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8	2025.12.19	ISSUED FOR 60% CD

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

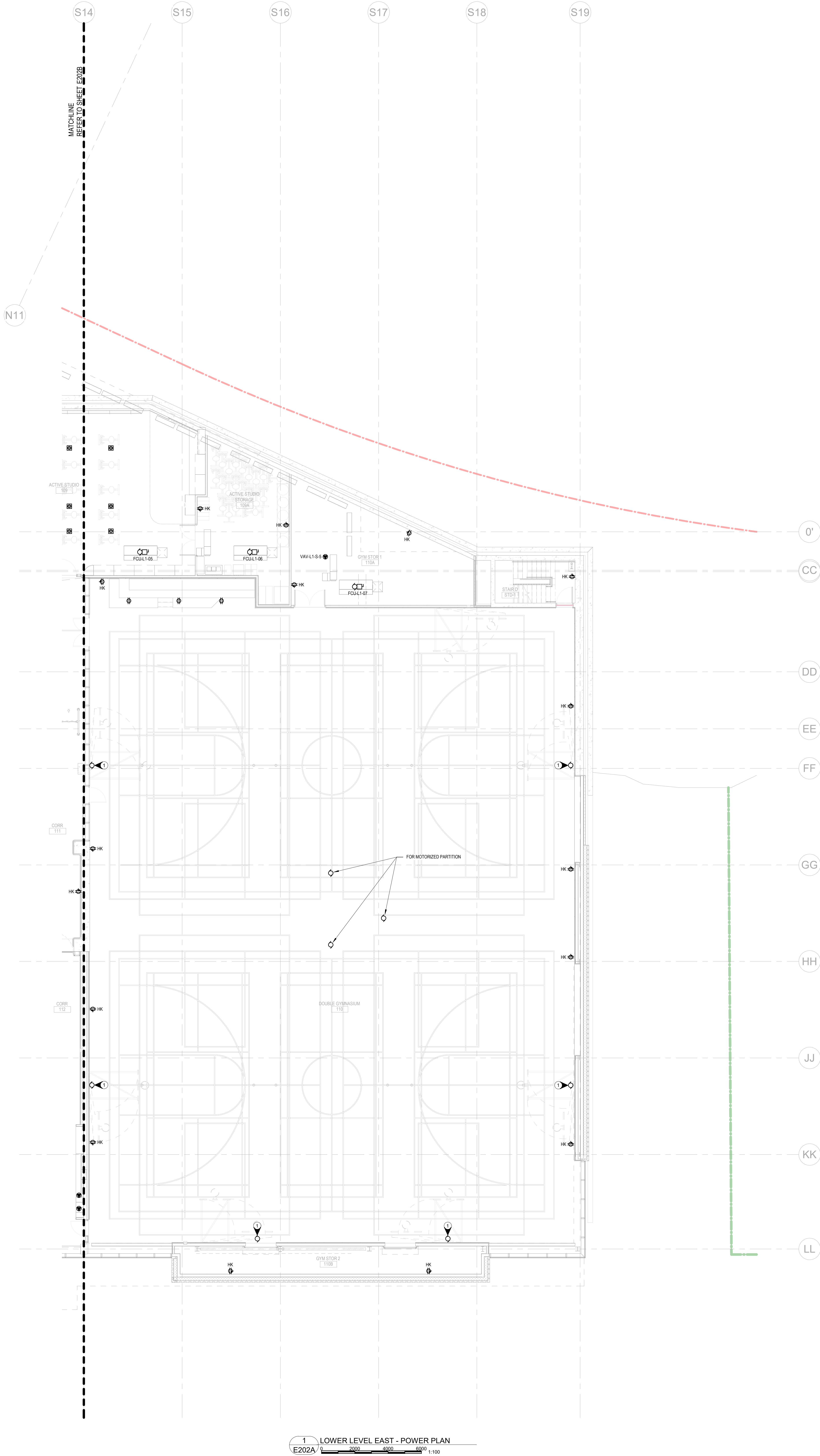
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City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

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

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number  
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Current Issue    8

**E202A**



1 LOWER LEVEL EAST - POWER PLAN  
E202A 0 2000 4000 6000 1:100

KEYNOTES  
1 FOR MOTORIZED BASKETBALL BACKSTOP





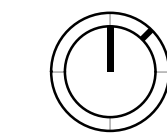
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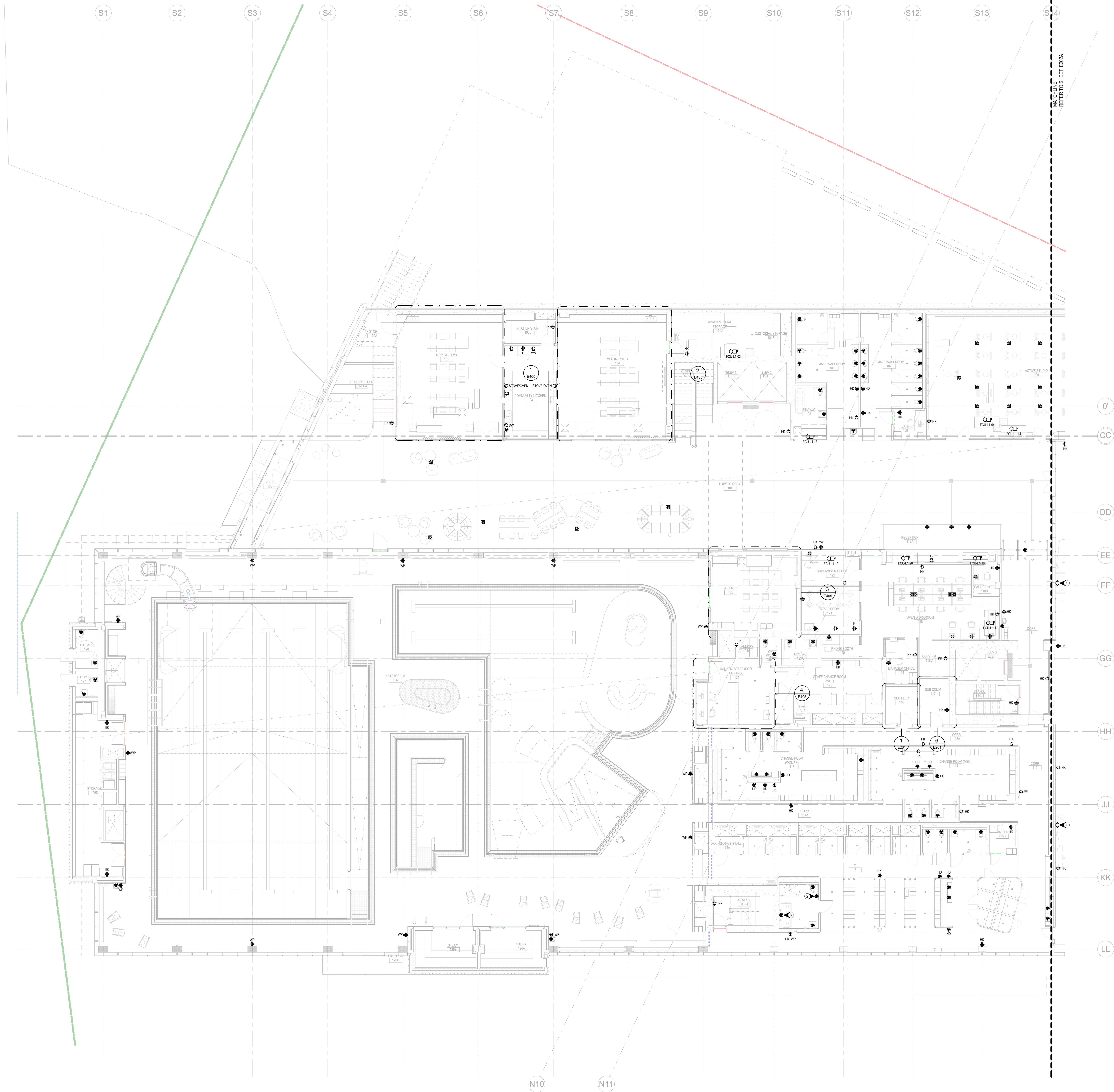
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Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
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POWER PLAN

Printed  
Date  
Sheet  
number  
12/19/2025 4:32:15 PM  
Current Issue 8

E202B



1 LOWER LEVEL WEST - POWER PLAN  
E202B

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





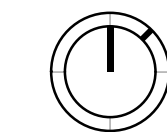
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Project title  
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Community Centre  
(BMCC)

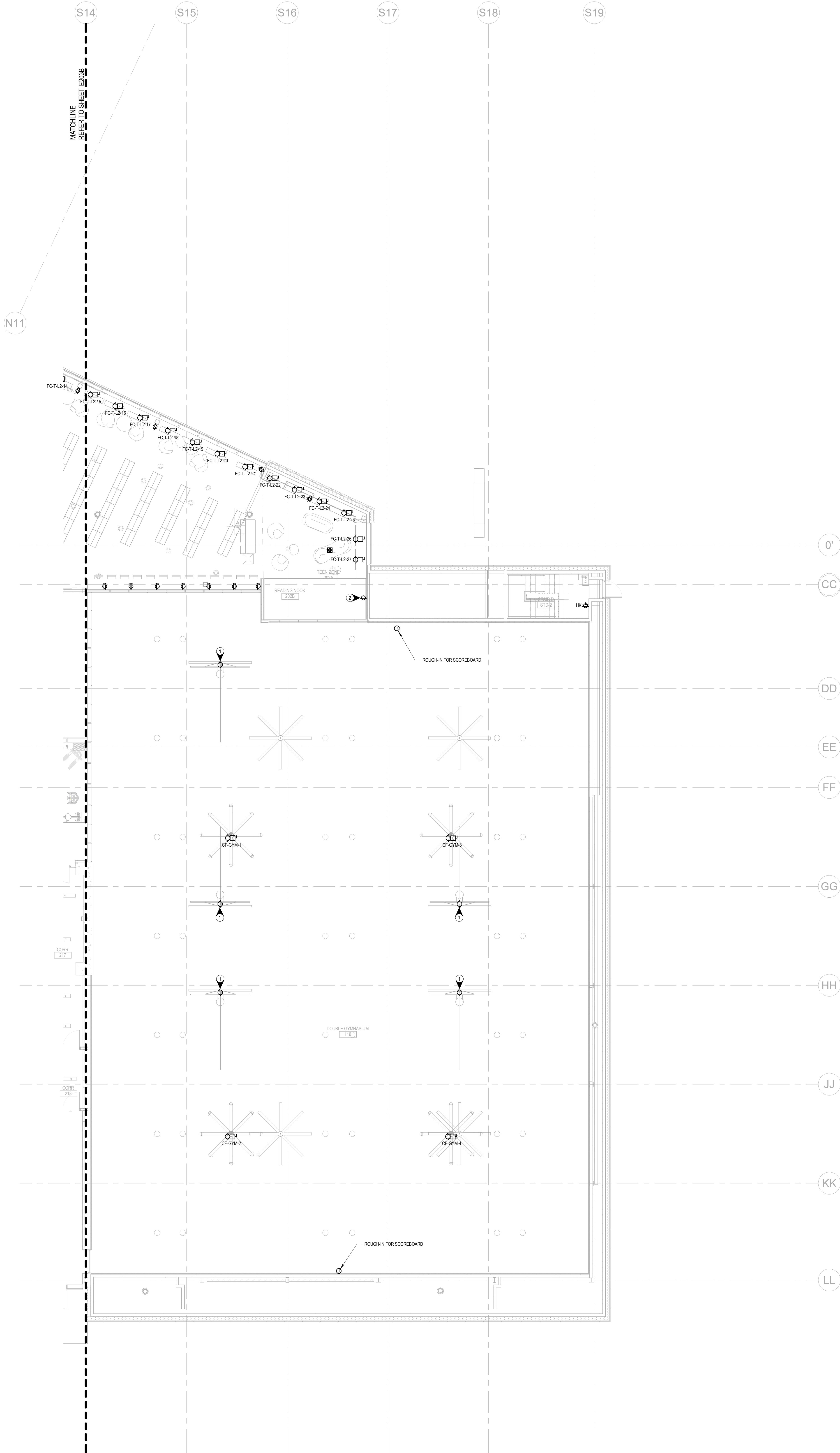
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Site  
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Sheet title  
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POWER PLAN

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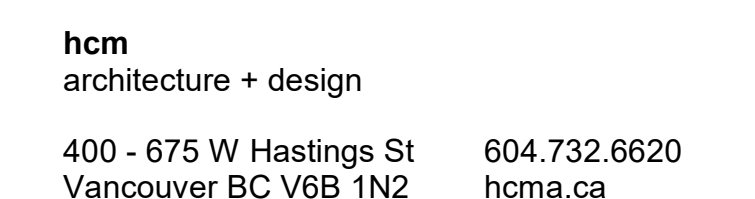
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1 UPPER LEVEL EAST - POWER PLAN  
E203A

KEYNOTES  
1 FOR MOTORIZED BASKETBALL BACKSTOP  
2 POWER FOR GAMING STATION

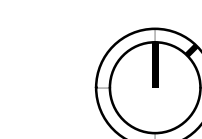




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Project title  
Burke Mountain  
Community Centre  
(BMCC)

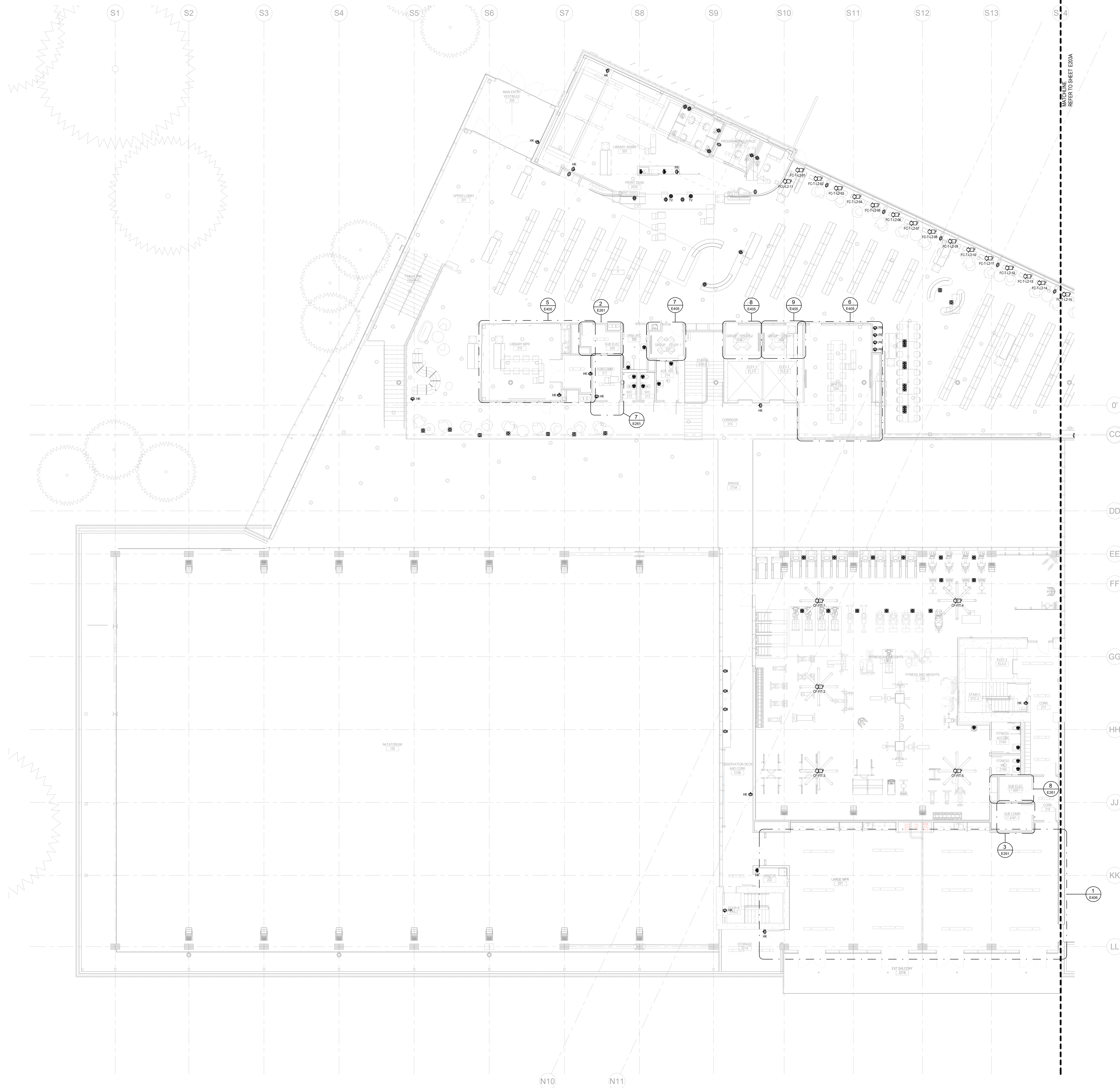
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City of Coquitlam

**Site**  
Burke Mountain, Coquitlam, BC

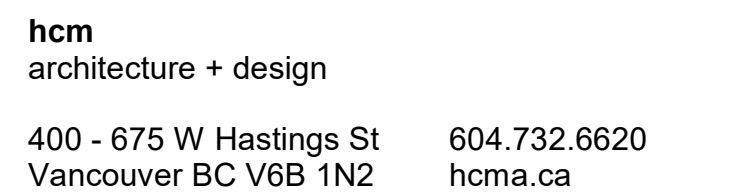
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Sheet Current Issue 8  
number

# E203B





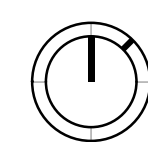


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Project title

Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam

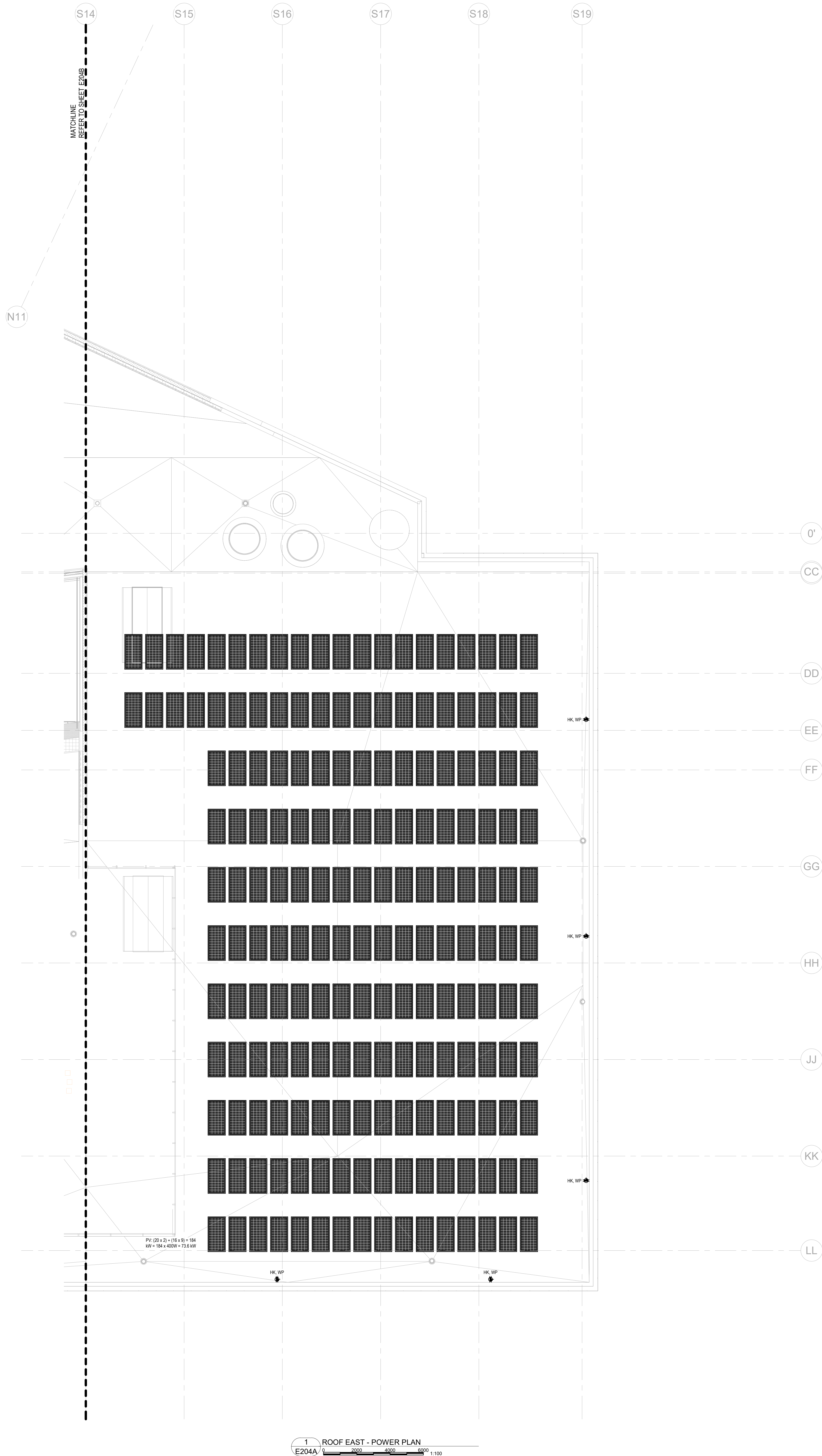
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Burke Mountain, Coquitlam, BC

Sheet title

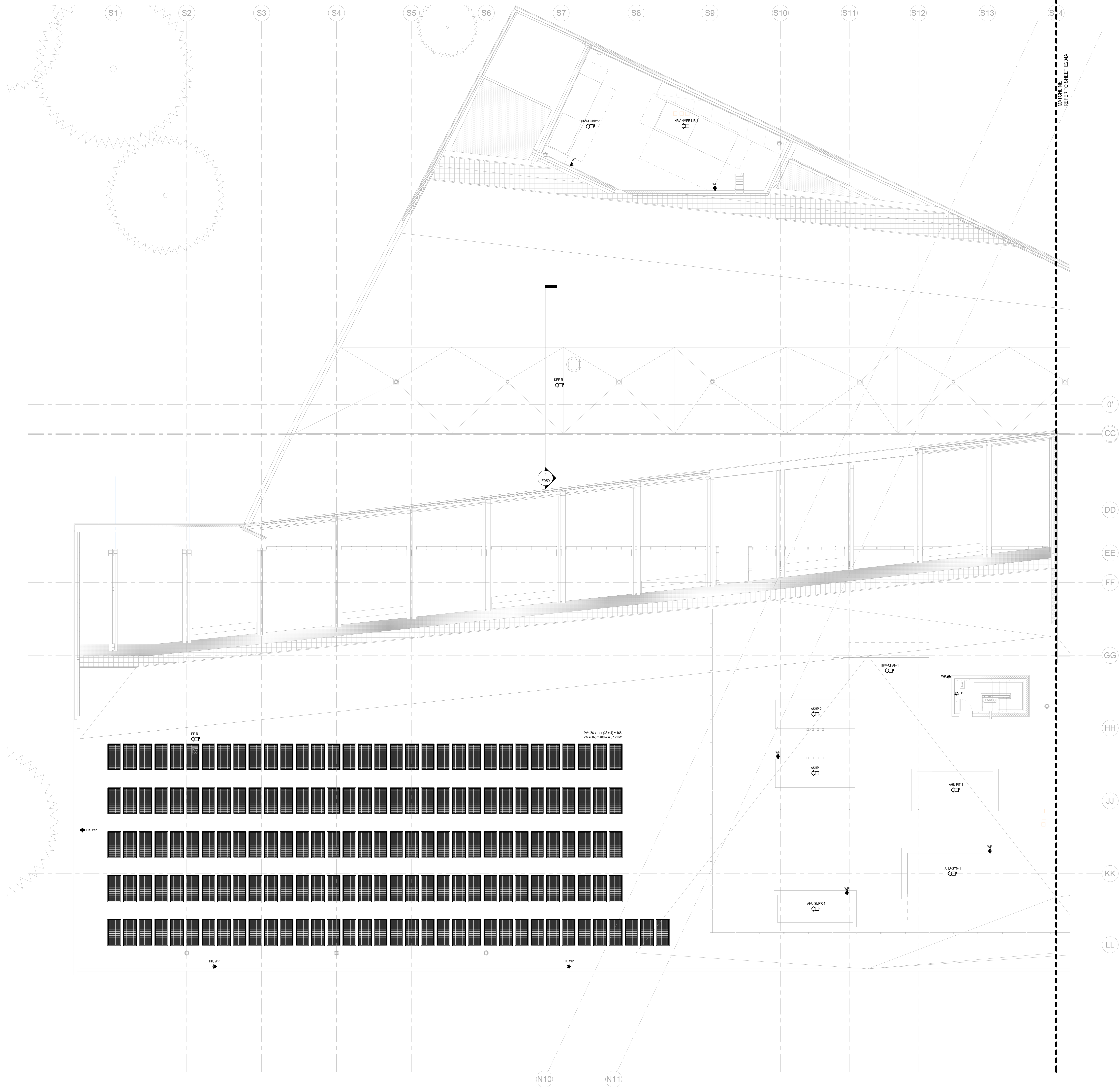
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PLAN

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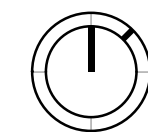
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Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
ROOF WEST - POWER  
PLAN

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E204B









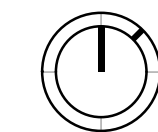
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Project title

Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam

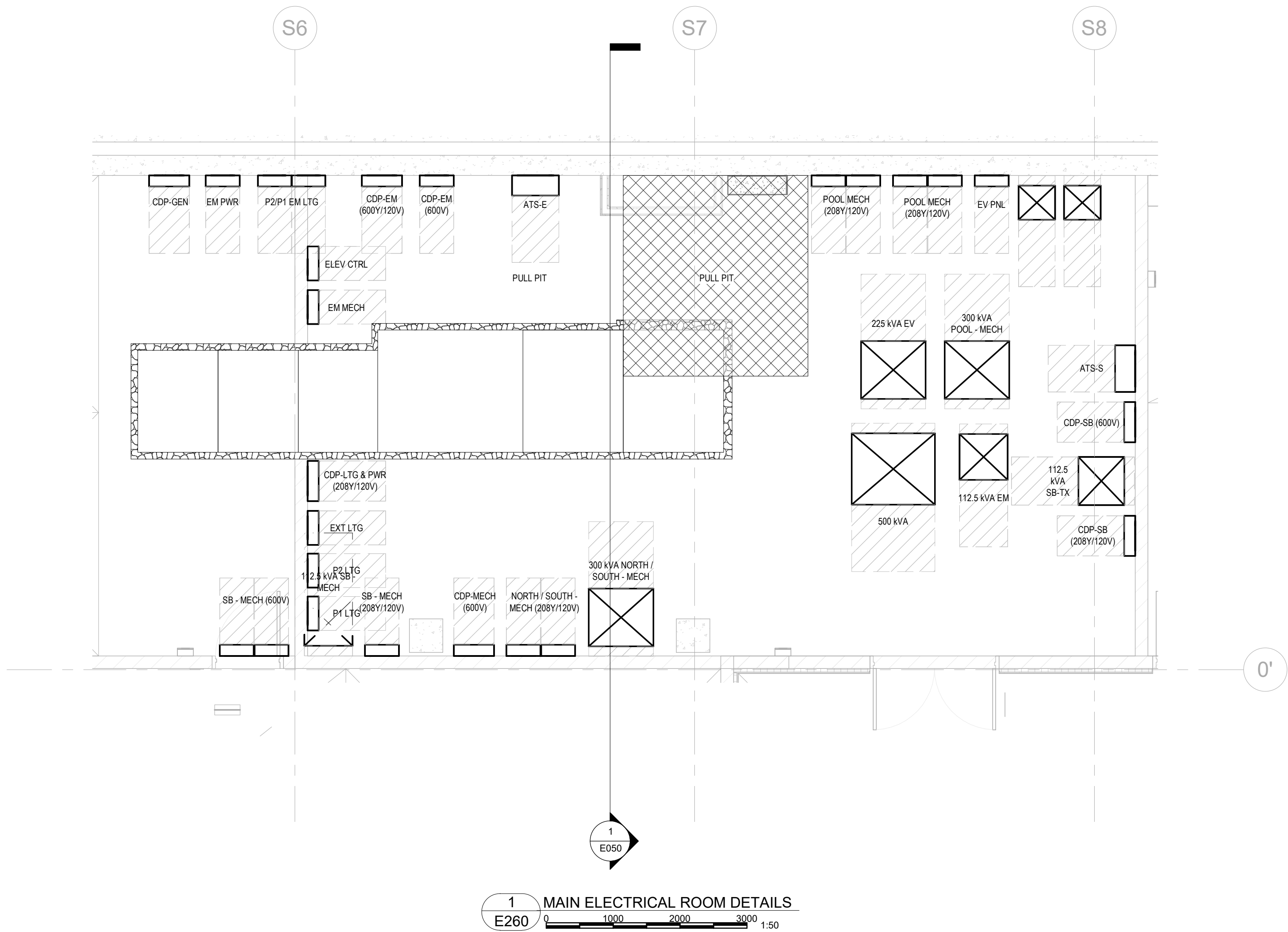
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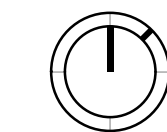
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ROOM DETAILS

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Date  
Sheet  
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Current Issue 8

E260





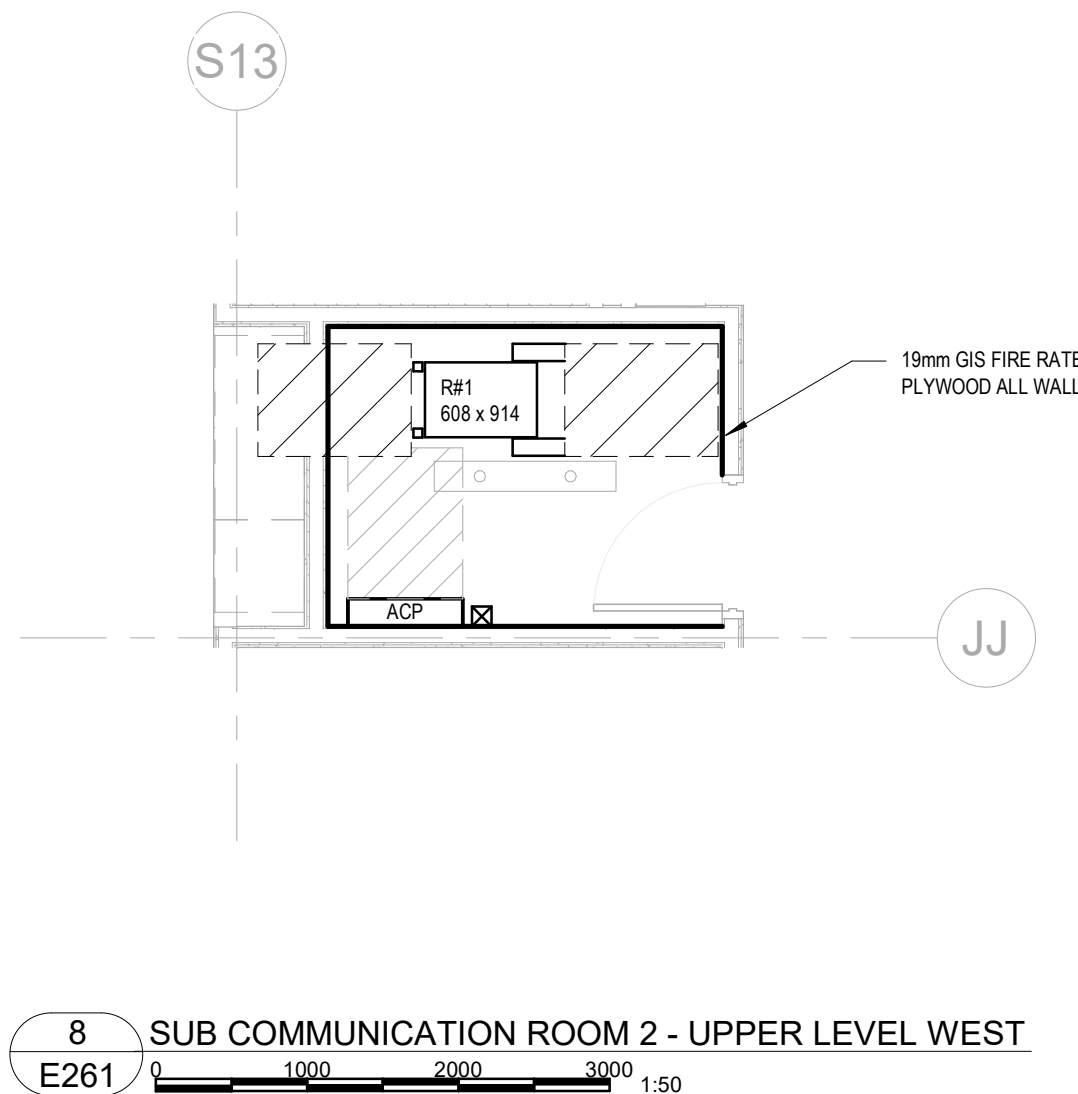
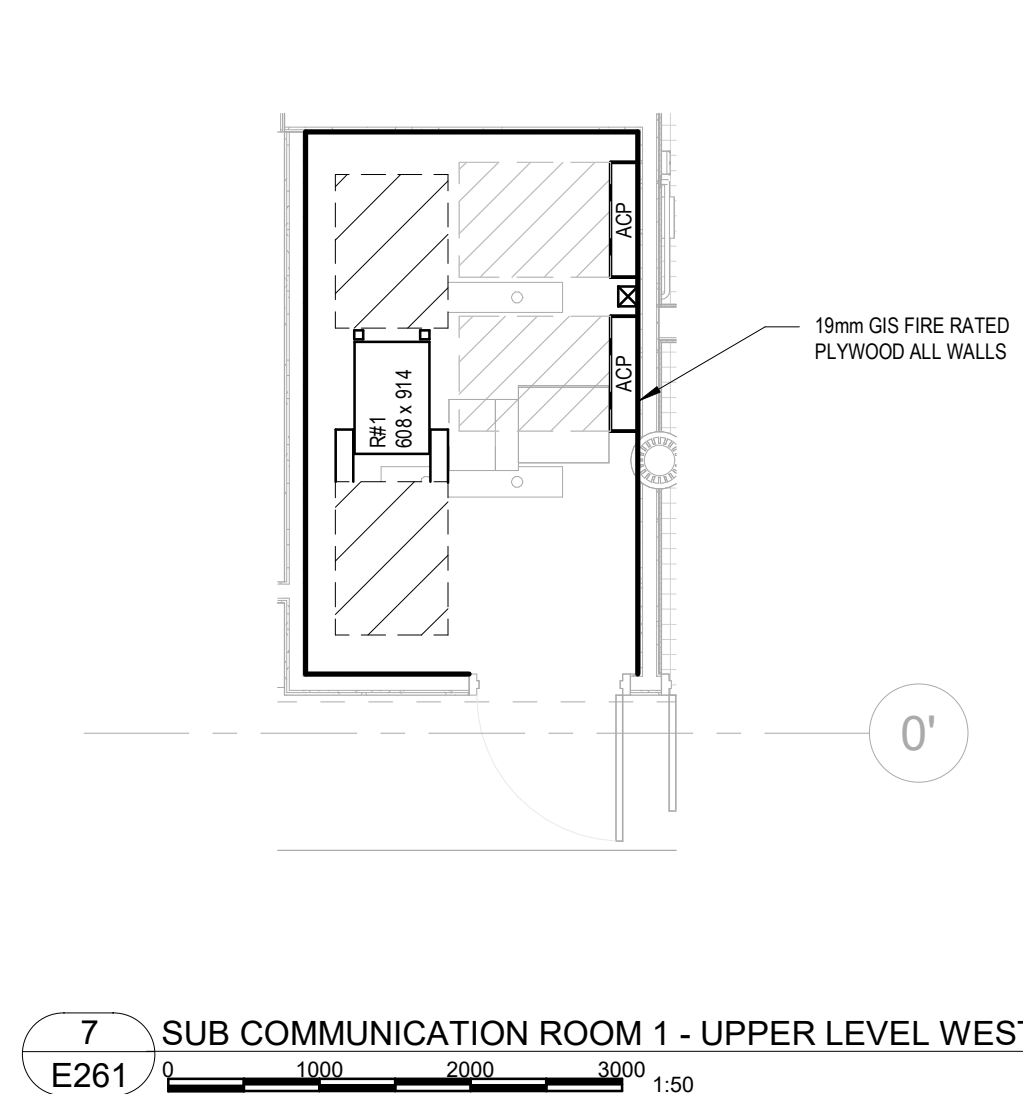
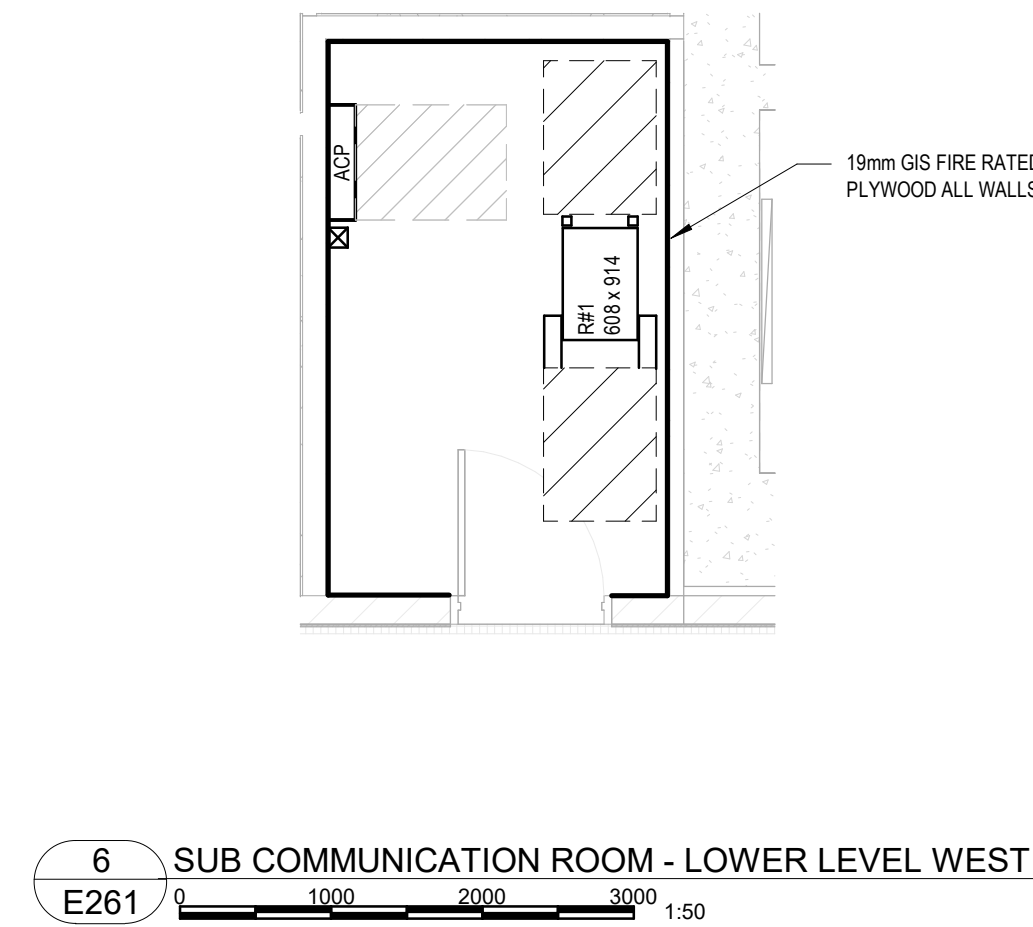
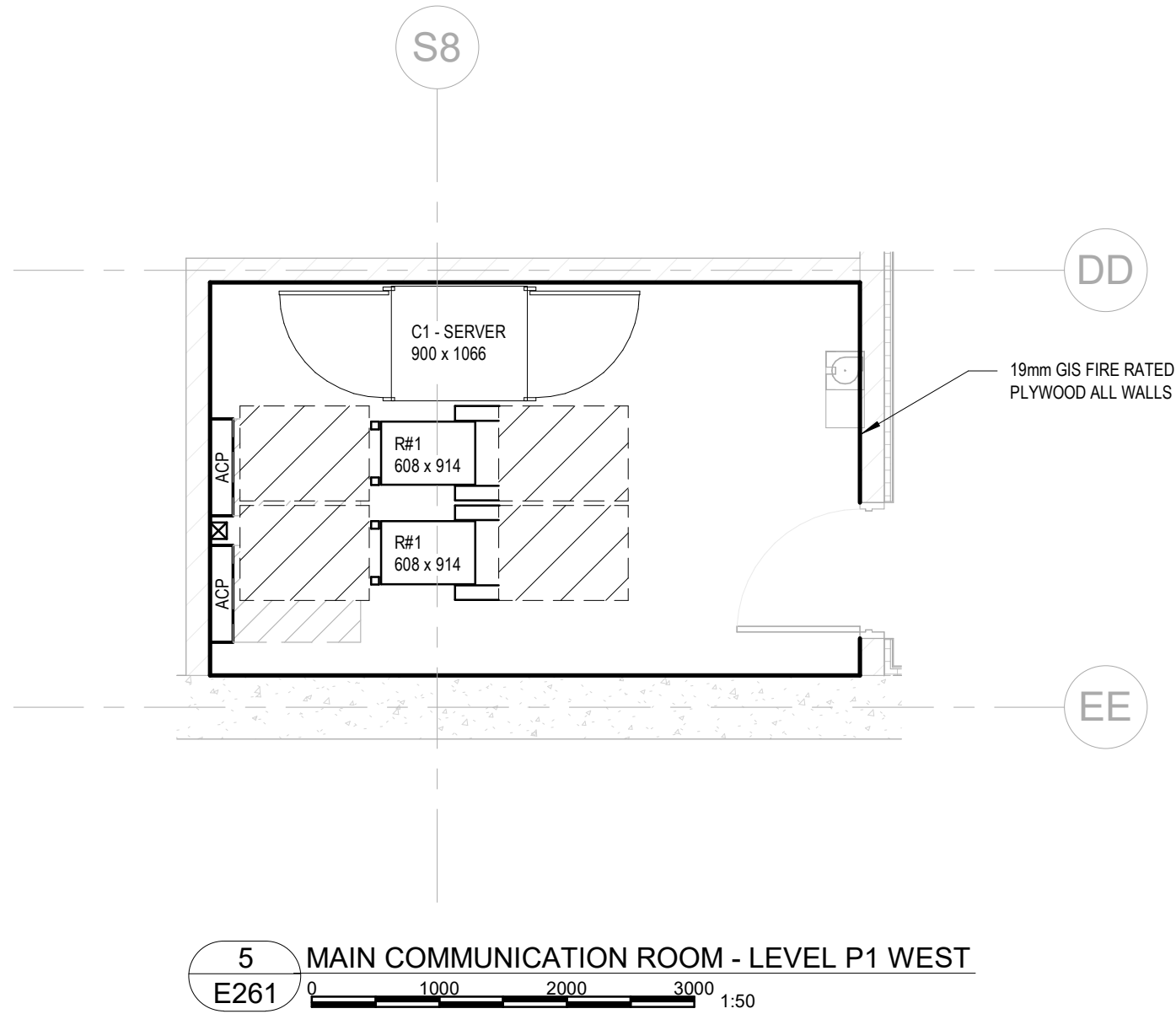
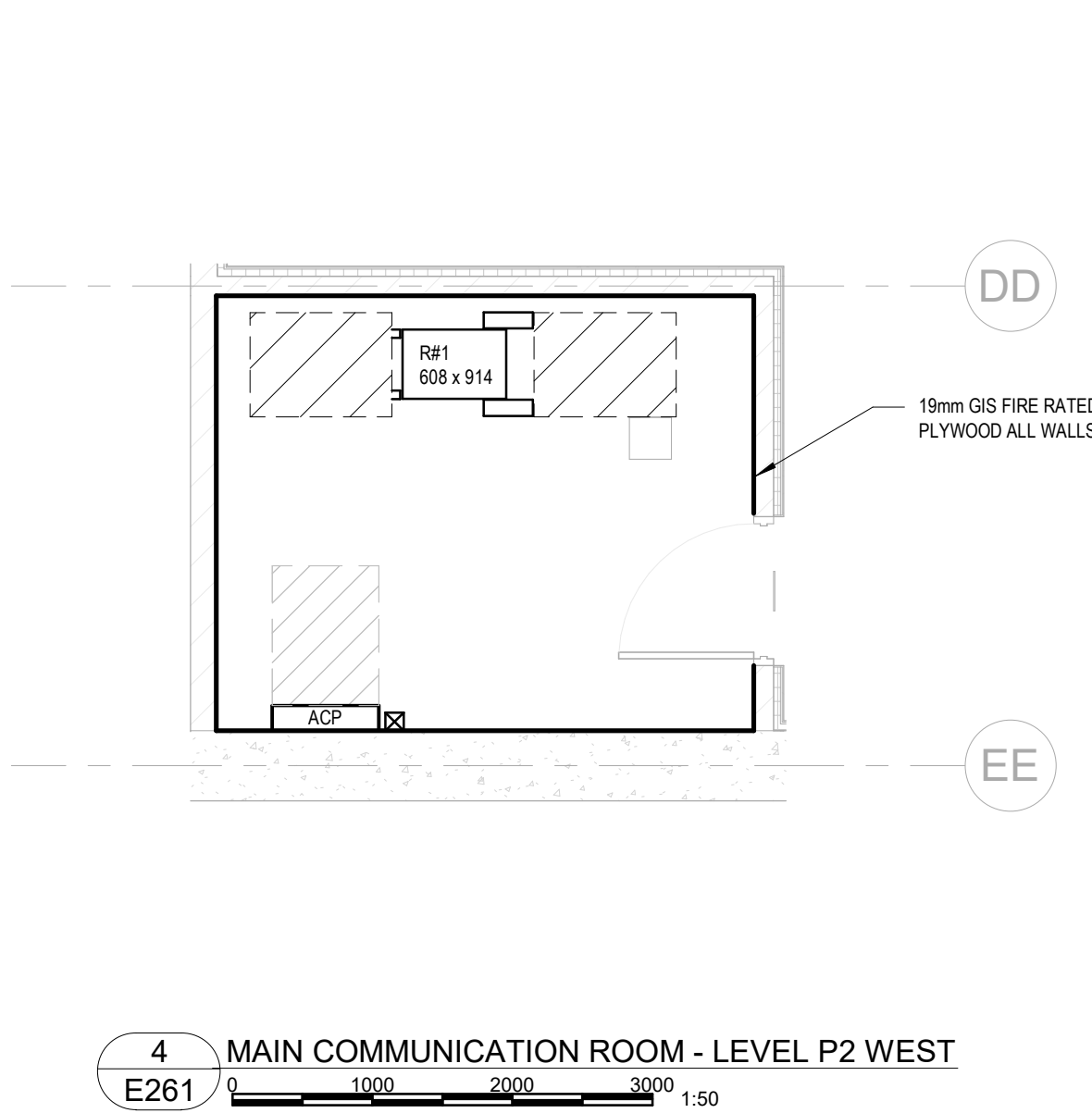
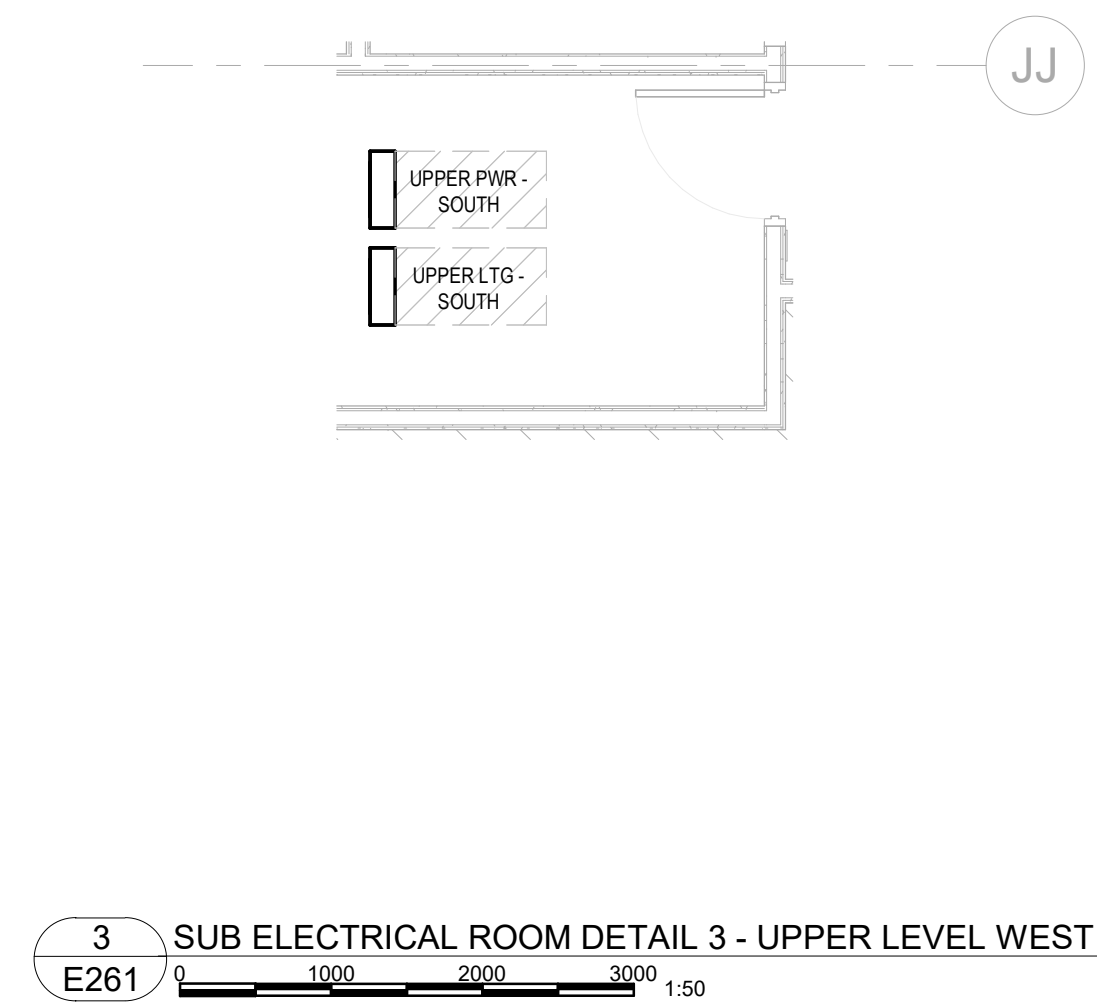
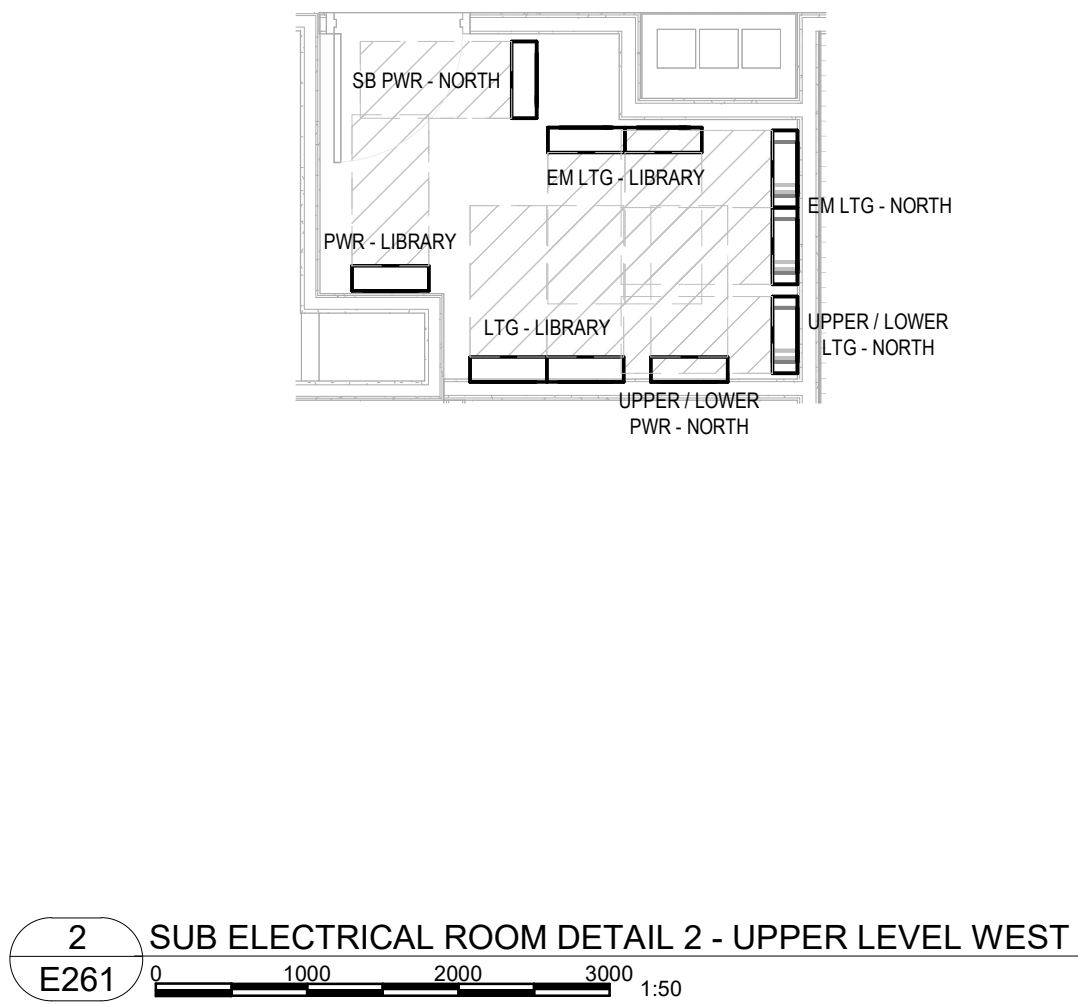
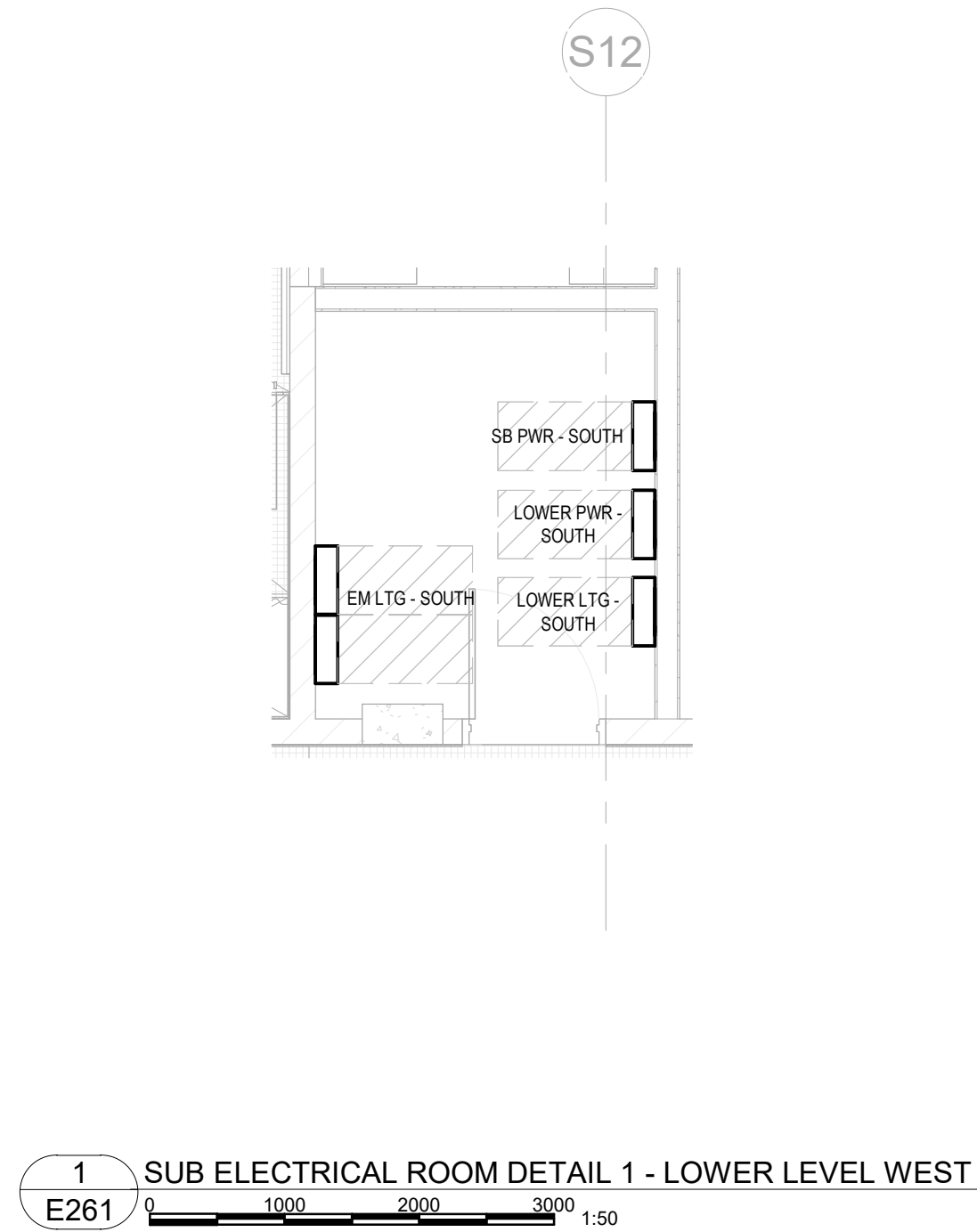


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Project title  
Burke Mountain  
Community Centre  
(BMCC)

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

MECHANICAL  
SCHEDULE 1 OF 3

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Sheet

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E280

MECHANICAL EQUIPMENT SCHEDULE															NORMAL USE POWER		EM	EQUIP	STARTER	DISC.	CONTROL	CACF	KEY
EQUIPMENT INFORMATION																							
UNIT NO.	QTY.	UNIT DESCRIPTION	UNIT LOCATION	SUPPLY	LOAD																		
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Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
MECHANICAL  
SCHEDULE 2 OF 3

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number

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Current Issue 8

E281

MECHANICAL EQUIPMENT SCHEDULE																	NORMAL USE POWER		EM	EQUIP	STARTER	DISC.	CONTROL		C&C CONTROL	KEY NOTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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1 MECHANICAL SCHEDULE 3 OF 3  
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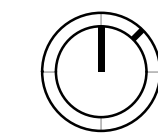
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Project title

Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

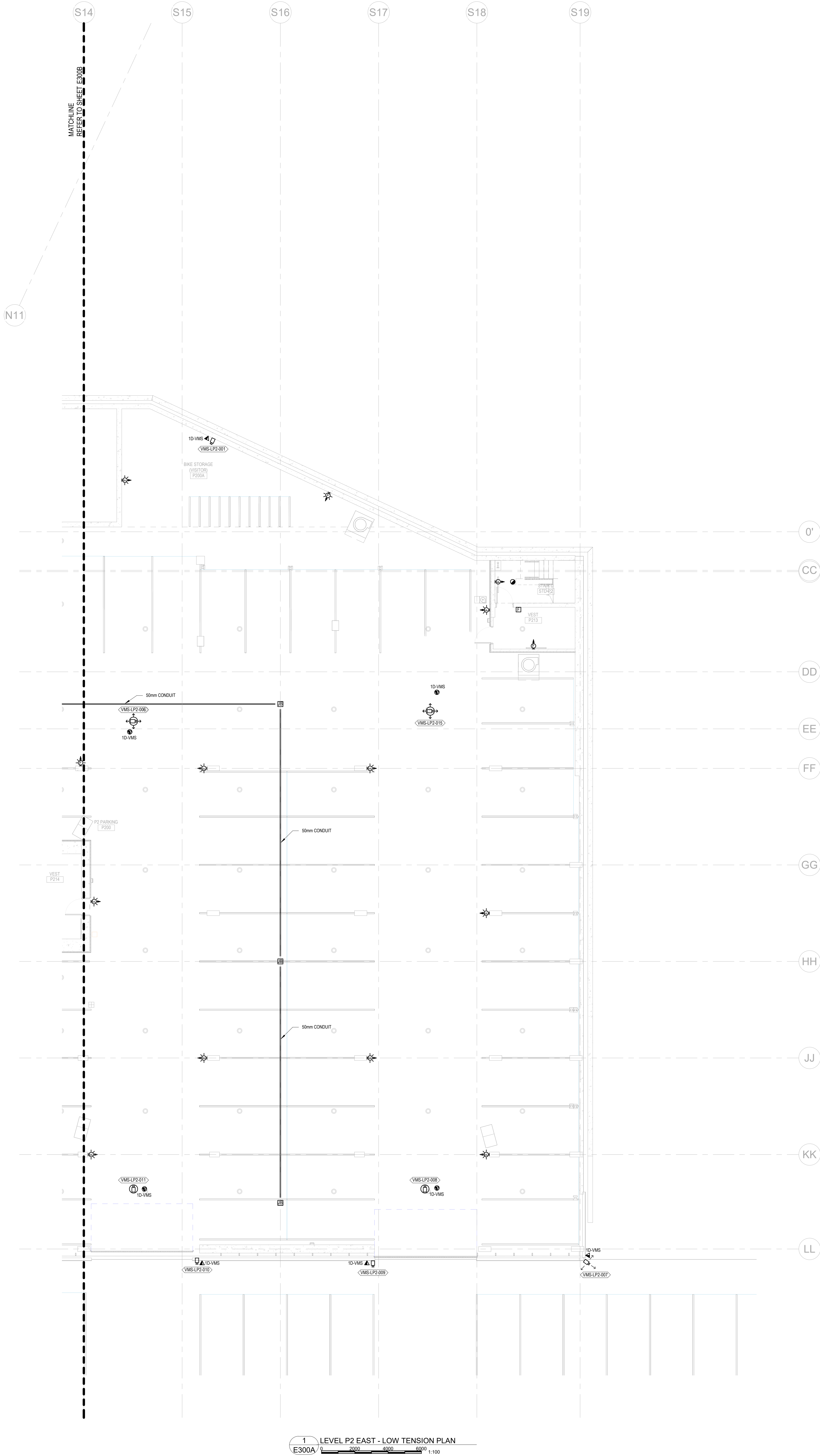
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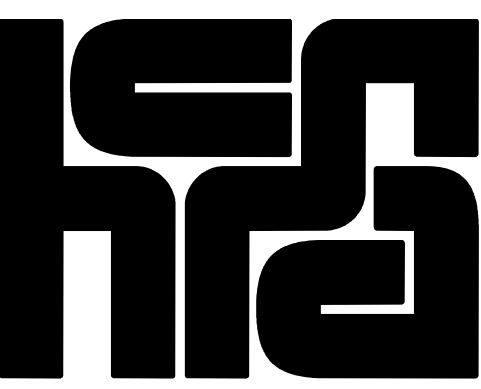
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City of Coquitlam

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

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Sheet  
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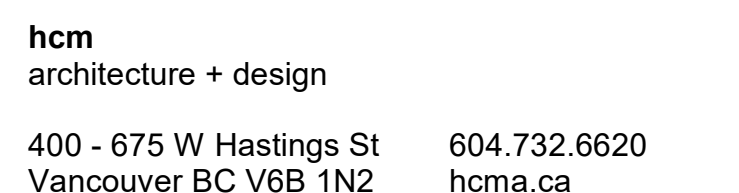
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Current Issue 8

**E300B**



1 LEVEL P2 WEST - LOW TENSION PLAN  
E300B



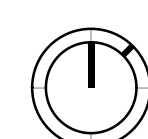


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## Sea



### Key plan



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5	2025.10.01	ISSUED FOR 25% CD
6	2025.11.07	ISSUED FOR 50% CD COORDINATION
7	2025.11.21	ISSUED FOR 50% CD
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Project title  
Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam

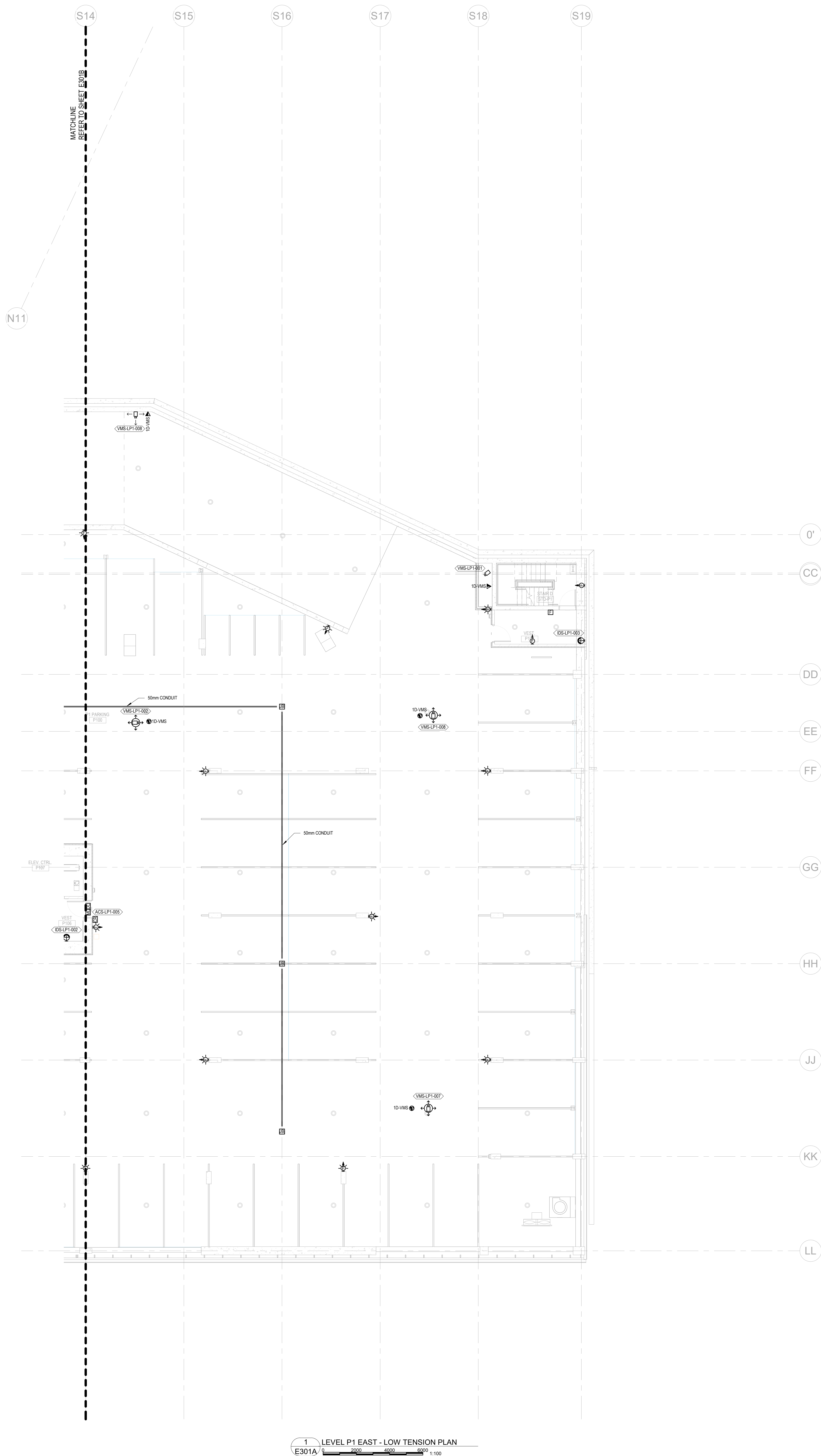
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Sheet title

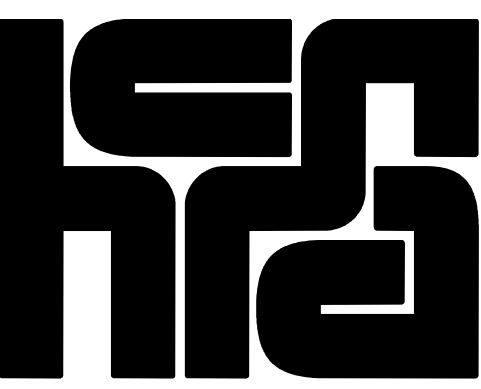
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# E301A







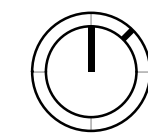
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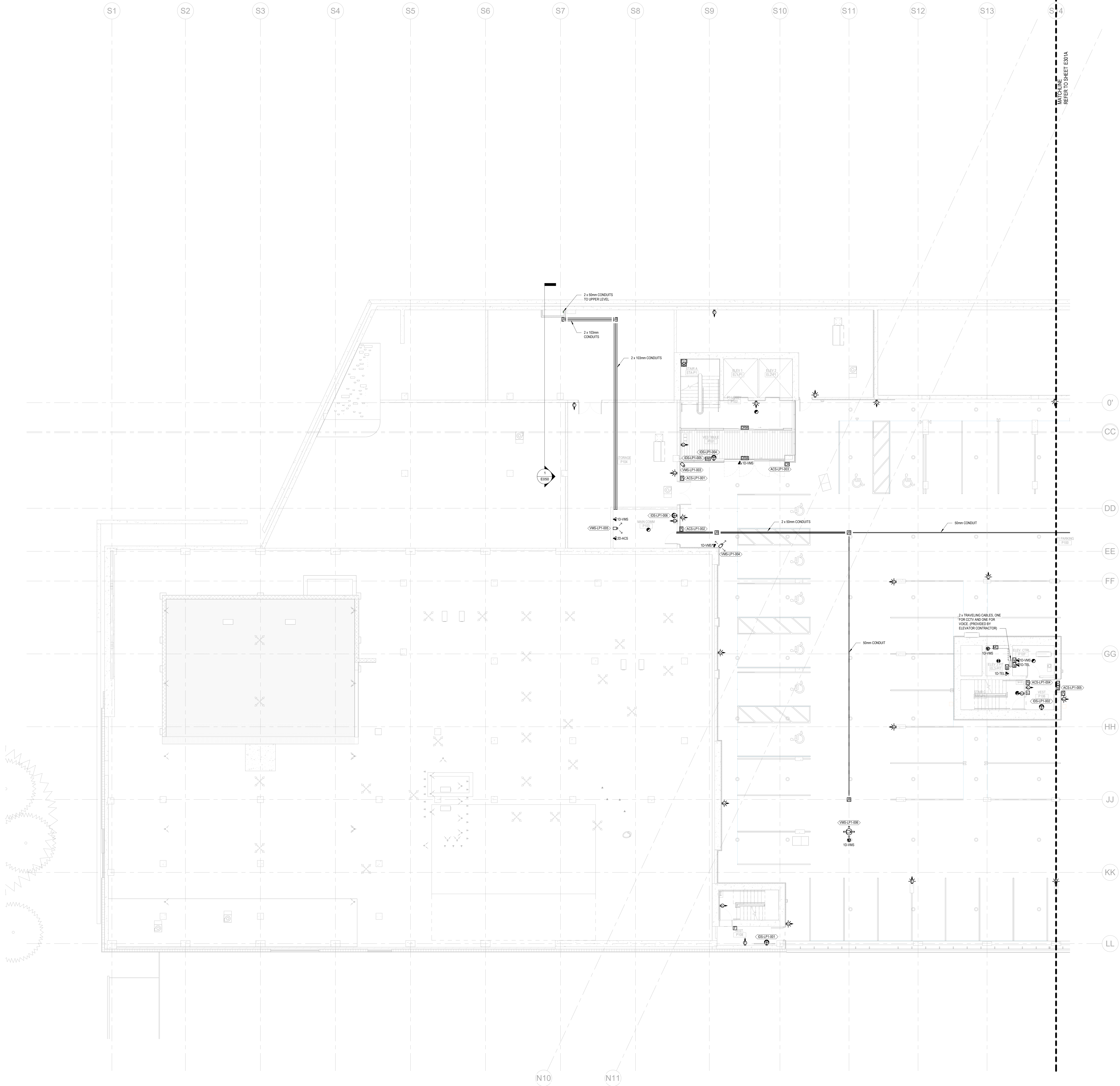
Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LEVEL P1 WEST - LOW  
TENSION PLAN

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number  
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E301B



1 LEVEL P1 WEST - LOW TENSION PLAN  
E301B





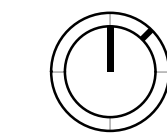
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Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

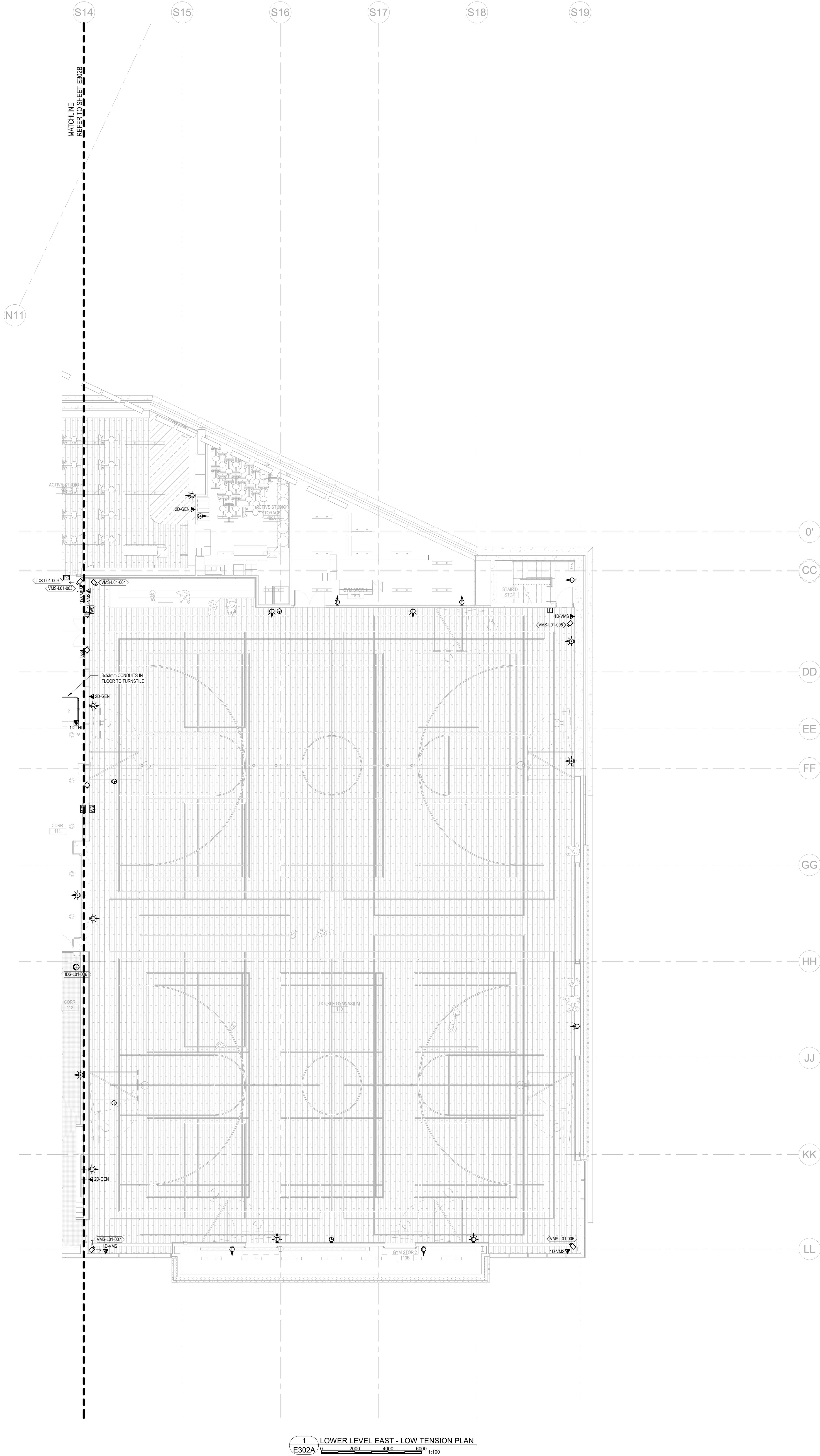
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Site  
Burke Mountain, Coquitlam, BC

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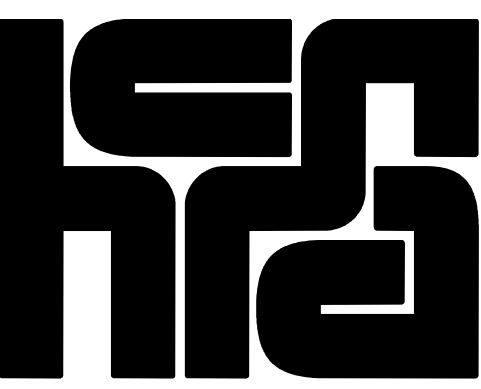
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**E302A**



1 LOWER LEVEL EAST - LOW TENSION PLAN  
E302A





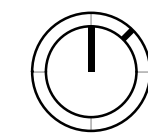
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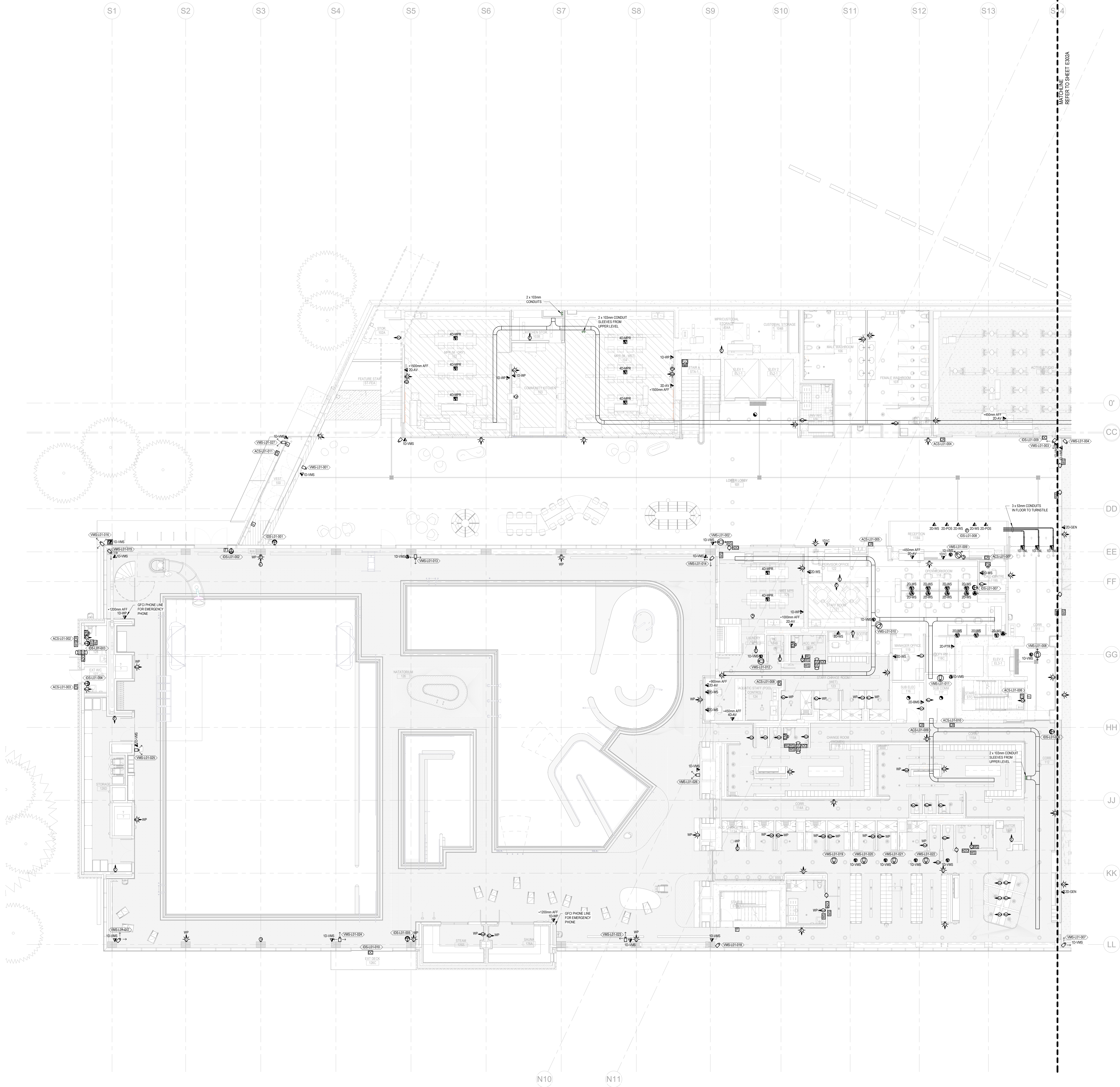
Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
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LOW TENSION PLAN

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E302B



1 LOWER LEVEL WEST - LOW TENSION PLAN  
E302B





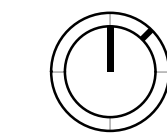
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Project title  
Burke Mountain  
Community Centre  
(BMCC)

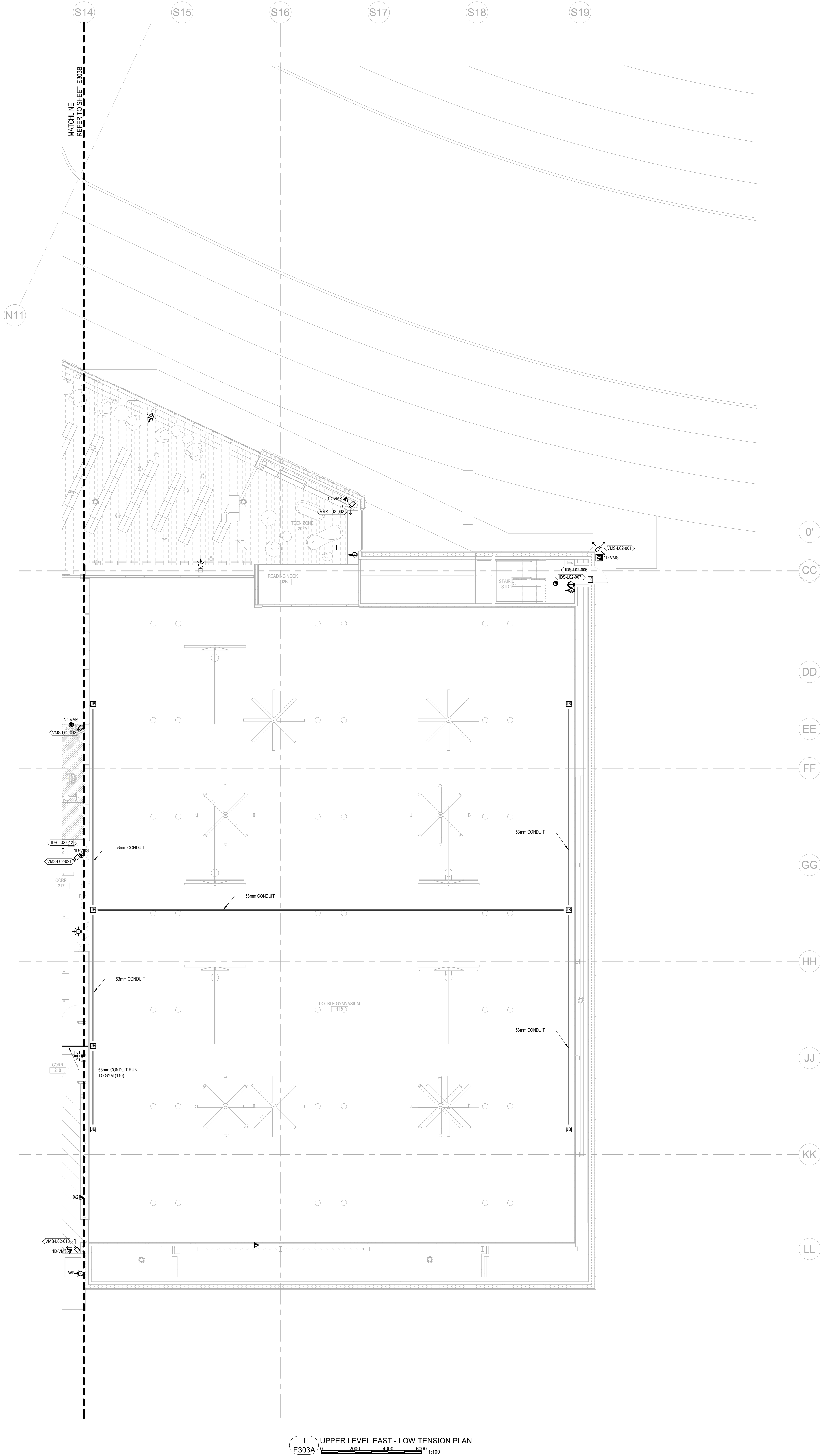
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Site  
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Sheet title  
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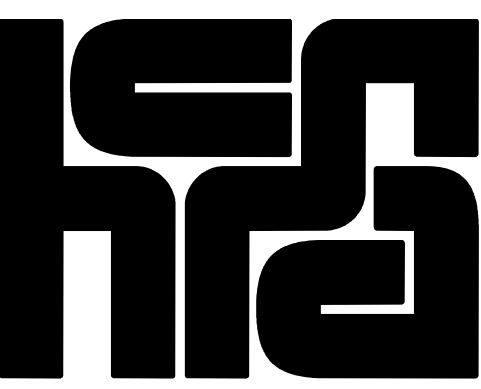
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E303A



1 UPPER LEVEL EAST - LOW TENSION PLAN  
E303A





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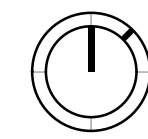
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Consultant



Key

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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

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Date

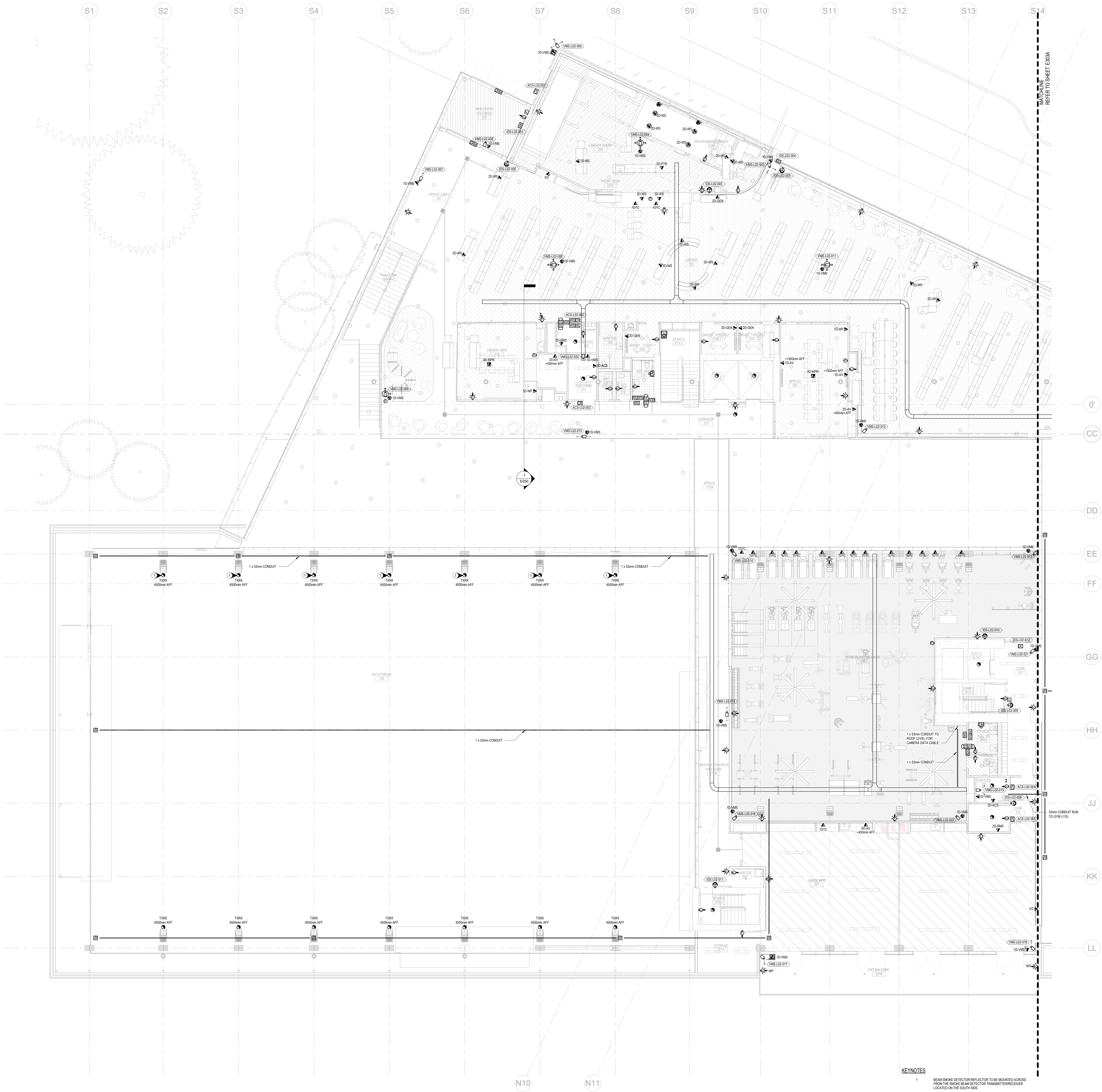
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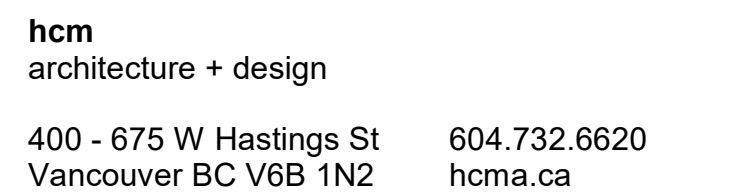
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KEYNOTES

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



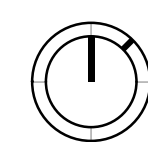


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Project title

Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam

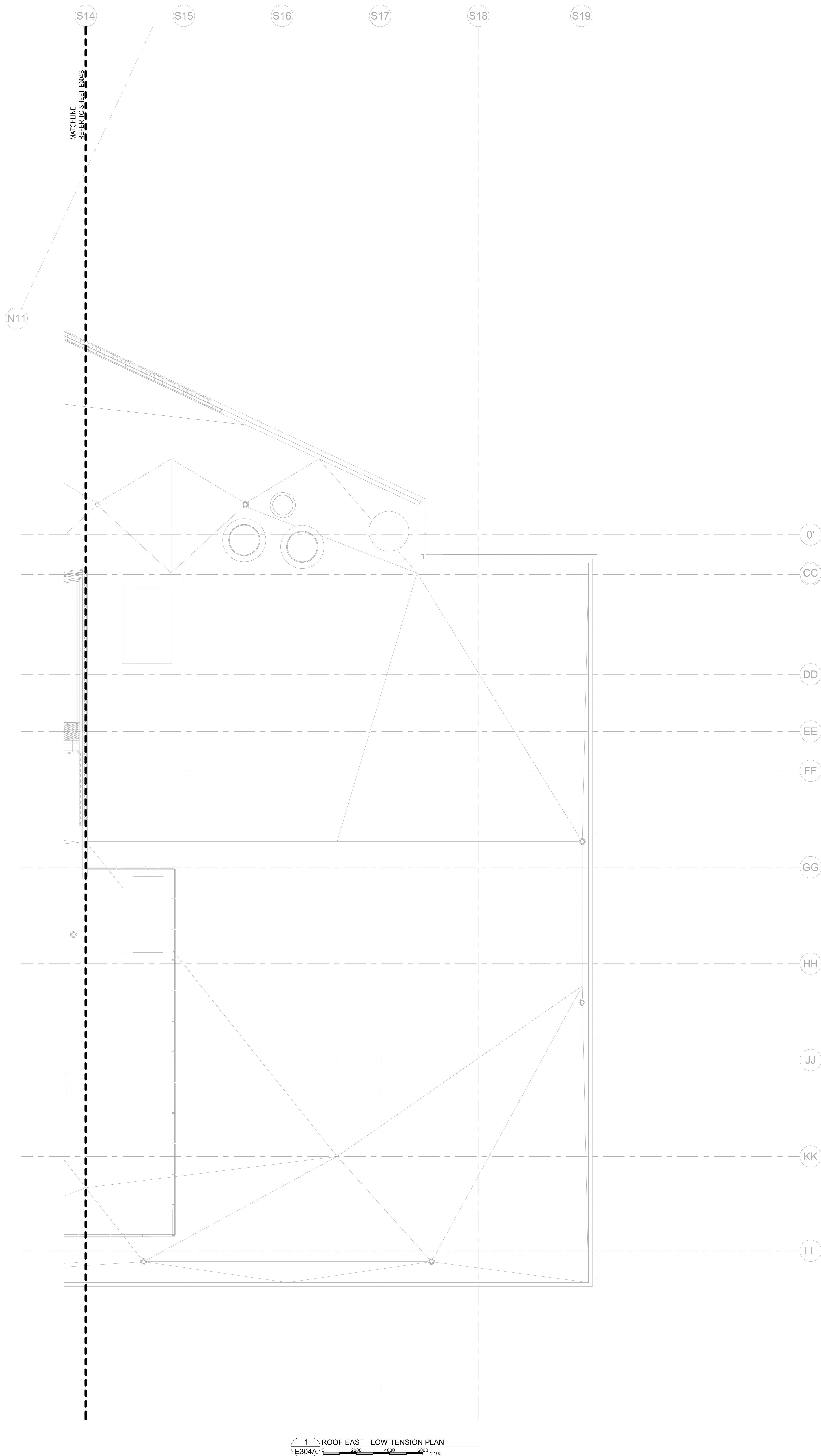
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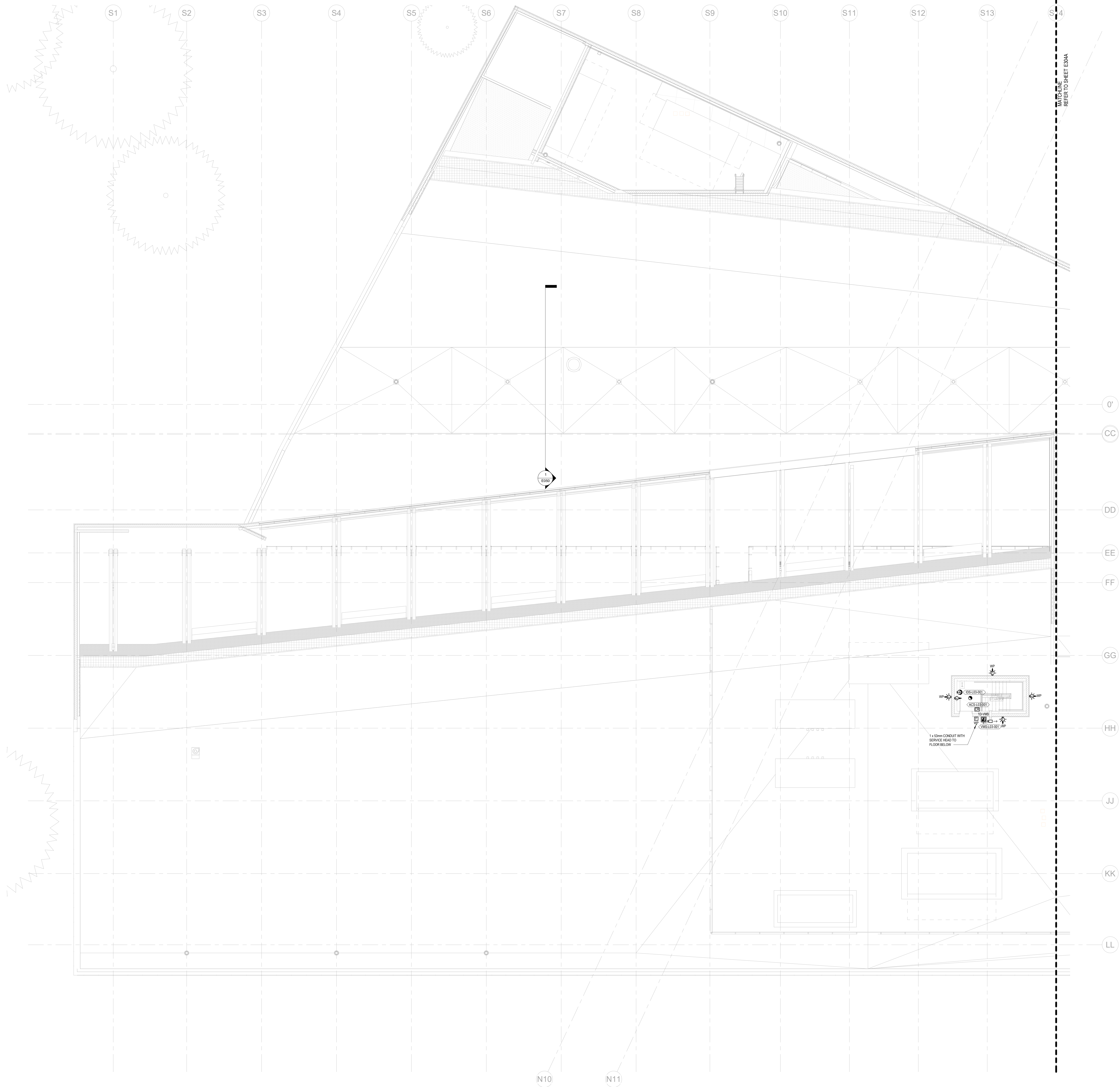
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TENSION PLAN

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# E304A







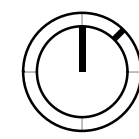
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Project title  
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Community Centre  
(BMCC)

Client  
City of Coquitlam

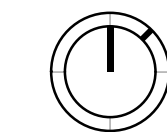
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Sheet title  
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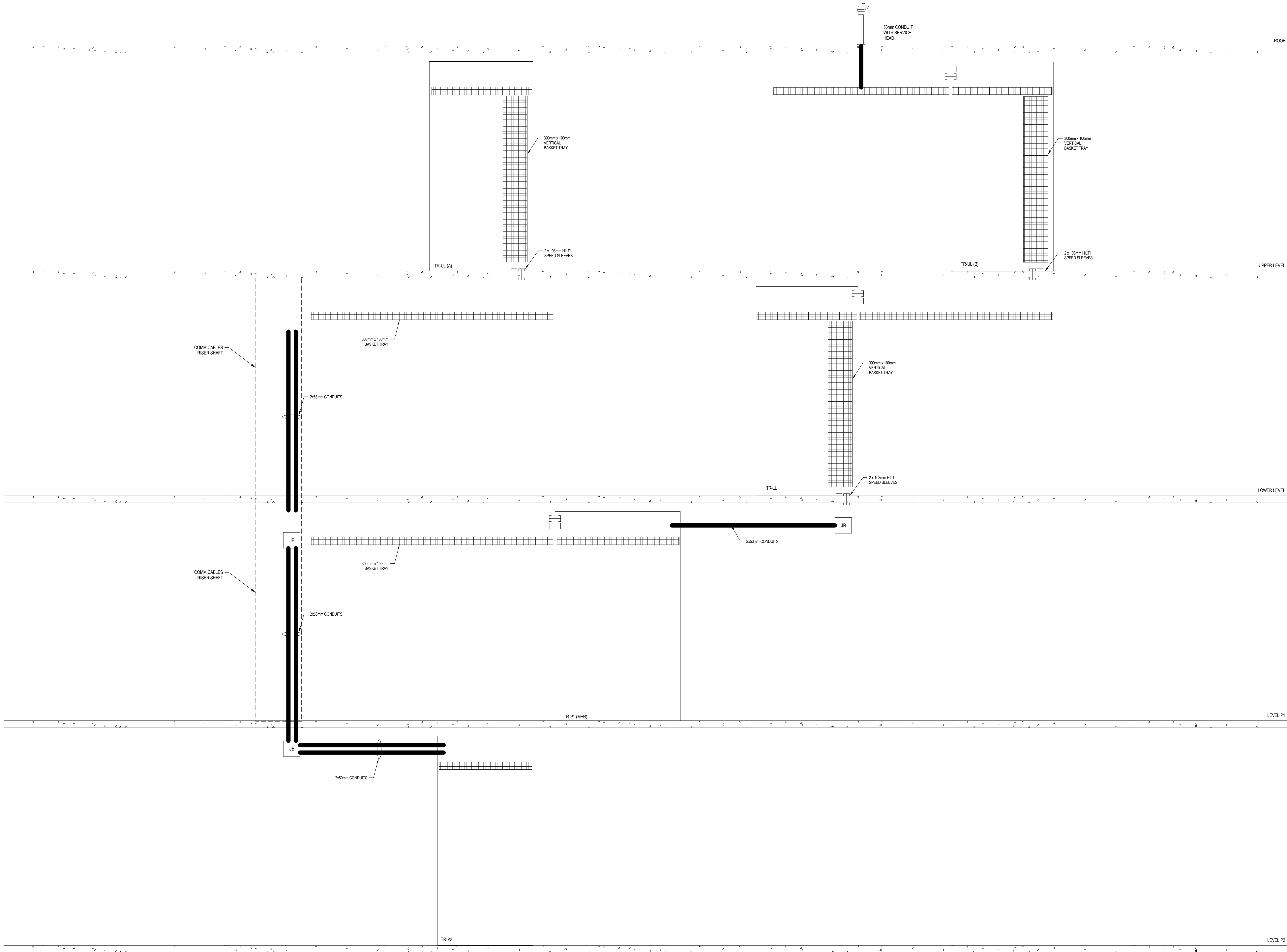
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Burke Mountain  
Community Centre  
(BMCC)

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City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
TELECOM BACKBONE  
CABLE PATHWAY  
RISER

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E310



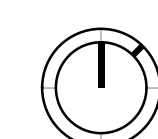




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Project title  
Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam

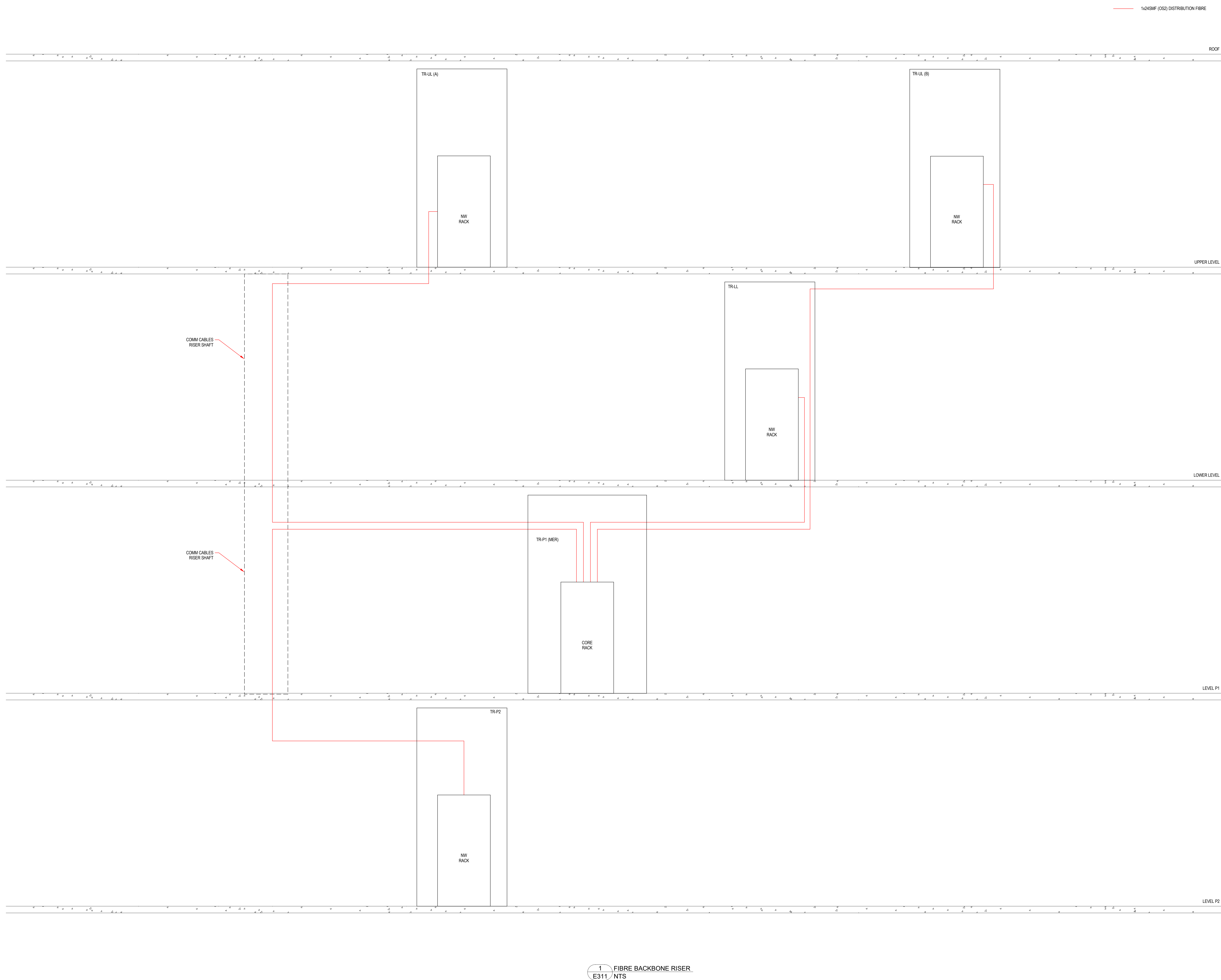
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Sheet title

FIBRE BACKBONE  
RISER

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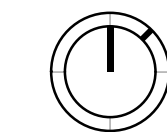
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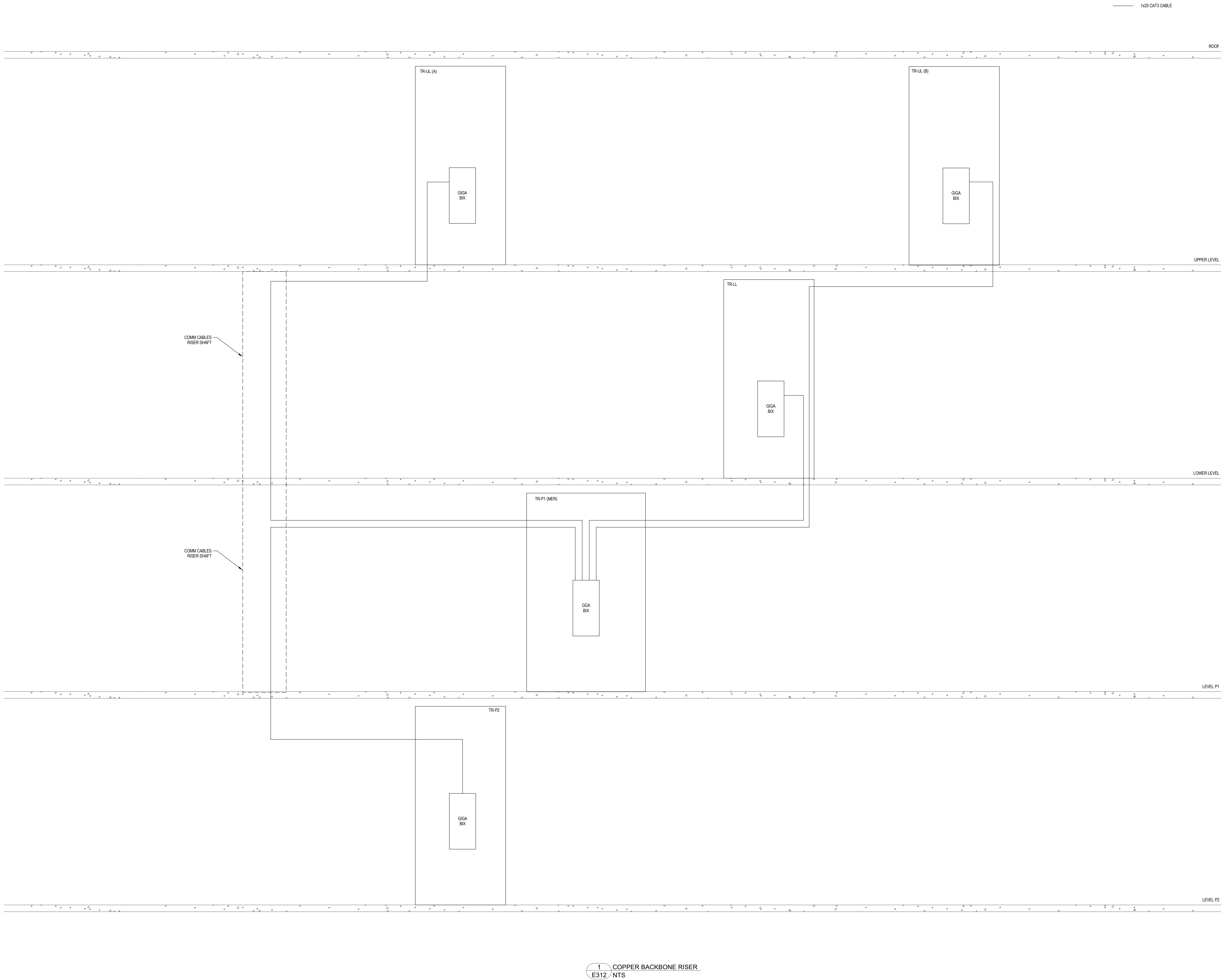
Project title  
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Community Centre  
(BMCC)

Client  
City of Coquitlam  
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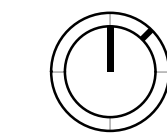
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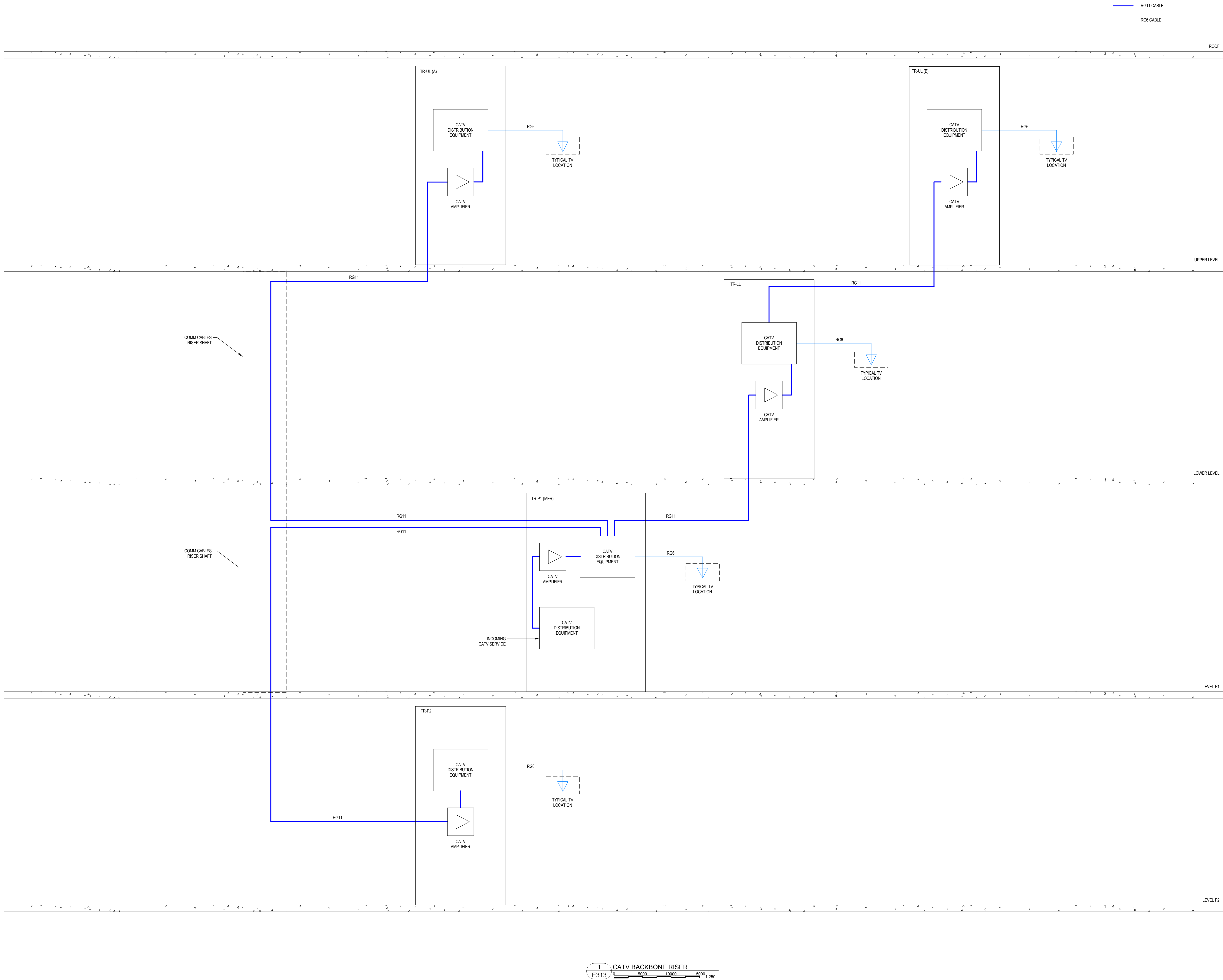


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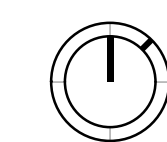
Project title  
**Burke Mountain  
Community Centre  
(BMCC)**

Client  
City of Coquitlam  
  
Site  
Burke Mountain, Coquitlam, BC

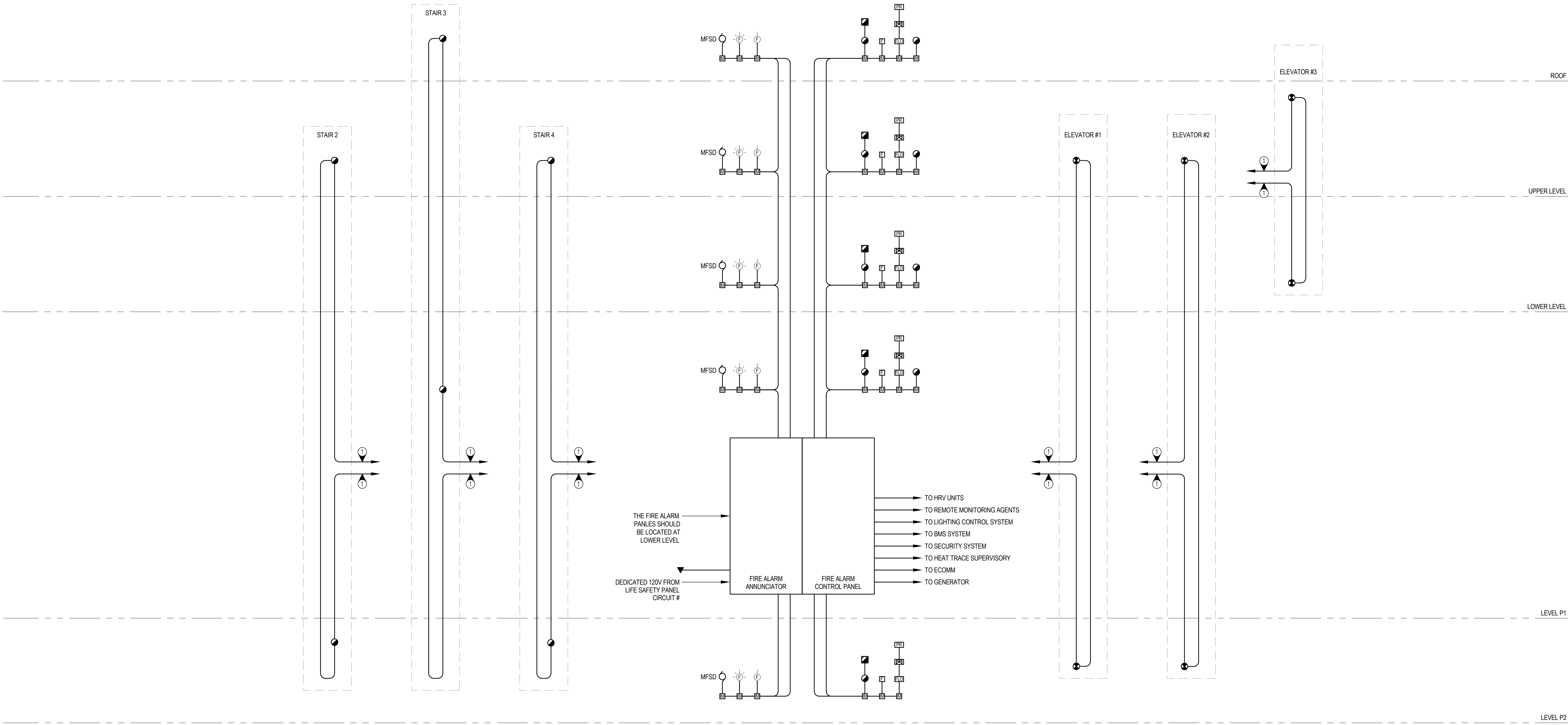
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RISER**







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8	2025.12.19	ISSUED FOR 60% CD



1 FIRE ALARM RISER  
E350 NTS

DRAWING KEY NOTES

- ① BACK TO FIRE ALARM PANEL
- ② TO ELEVATOR CONTROL PANEL

Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

Sheet title  
FIRE ALARM RISER



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 / REX	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															
Main Electrical Room (Not Used)	E300		ACS-LP2-002	ACS-001	P2 Main Com Rm	MR52																		
Main Electrical Room P209	E300		ACS-LP2-003	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1				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						1	1	
Main Mechanical Room P207	E300		ACS-LP2-005	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1				1						1	2	
Main Communications Room P210	E300		ACS-LP2-006	ACS-001	P2 Main Com Rm	MR52		SD-01	HM			1				1						1	1	
Pool Mechanical Room P206	E300		ACS-LP2-007	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1				1						1	2	
Mechical 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/LAL		1	1												Sliding door
Chemicals Room P217	E300		ACS-LP2-010	ACS-001	P2 Main Com Rm	MR52		DD-01	HM			1				1						1	2	
Natatorium AHU	E300		ACS-LP2-011	ACS-001	P2 Main Com Rm	MR52			HM			1					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					1	2	
P1 Main Com room P103	E301		ACS-LP1-002	ACS-002	P1 Main Com Rm	MR52		SD-01	HM				1				1					1	1	
P1 Vestibule P101	E301		ACS-LP1-003	ACS-002	P1 Main Com Rm	MR52		SLD-01	GL/LAL		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	1	
P1 Vestibule P106	E301		ACS-LP1-005	ACS-002	P1 Main Com Rm	MR52		SD-03	HM			1									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/LAL															
EXT W/C 128	E302		ACS-L01-002	ACS-003	L1 Sub Com Rm	MR52		SD-03	HM	1	1	1	2	1		1						1	1	
EXT W/C 127	E302		ACS-L01-003	ACS-003	L1 Sub Com Rm	MR52		SD-01	HM			1		1		1						1	1	
Active Studio 109	E302		ACS-L01-004	ACS-003	L1 Sub Com Rm	MR52		DD-01	GL/LAL			1					1			1		1	2	
Lobby 101 To Open Workroom 118	E302		ACS-L01-005	ACS-003	L1 Sub Com Rm	MR52		SD-01	GL/LAL			1				1						1	1	
Stair 3 ST3-1 to Corridor 111	E302		ACS-L01-006	ACS-003	L1 Sub Com Rm	MR52		SD-01	GL/LAL			1										1	1	
Reception 118A to Call Centre 118B	E302		ACS-L01-007	ACS-003	L1 Sub Com Rm	MR52		SD-01	GL/LAL			1				1						1	1	
Staff Change room 123	E302		ACS-L01-008	ACS-003	L1 Sub Com Rm	MR52		SD-01	HM			1				1						1	1	
L1 Sub Electrical Room 116	E302		ACS-L01-009	ACS-003	L1 Sub Com Rm	MR52		SD-01	HM			1				1						1	1	
L1 Sub Comm Room 117	E302		ACS-L01-010	ACS-003	L1 Sub Com Rm	MR52		SD-01	HM			1				1						1	1	
L2 Main Entry	E303B		ACS-L02-001	ACS-004	L2 Sub Com Rm	LP-1502	NS-L2-001	SLD-01	GL/LAL	1	1													Sliding door
L2 Sub Electrical Room 211	E303B		ACS-L02-002	ACS-004	L2 Sub Com Rm	MR52		SD-01	HM							1						1	1	
L2 Sub Comm Room 209	E303B		ACS-L02-003	ACS-004	L2 Sub Com Rm	MR52		SD-01	HM							1						1	1	
L2 Sub Comm Room 219	E303B		ACS-L02-004	ACS-005	L2 Sub Com Rm	LP-1502	NS-L2-002	SD-01	HM							1						1	1	
L2 Sub Elec Room 220	E303B		ACS-L02-005	ACS-005	L2 Sub Com Rm	MR52		SD-01	HM			1				1						1	1	
Roof Stair Ext ST3-Roof	E304B		ACS-L03-001	ACS-005	L2 Sub Com Rm	MR52		SD-01	HM			1				1						1	1	

1 ACCESS CONTROL SCHEDULE  
E370 NTS

CAMERA SCHEDULE																
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	Multi Lens	Ceiling	POE	AXIS	P3737-PLE	T94N01D, T91B63	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	
P1	VMS-L01-001	Lower Lobby NW	101	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	HANWHA	HXB-H6461H		Indoor	73 Deg		
P1	VMS-L01-002	Lower Lobby Exterior Lobby		CAT 6	Main f Sub Com Rm	NS-L1-001	Dual Lens	Wall	POE	HANWHA	PNM-C12082RVD		Indoor	180 Deg		
P1	VMS-L01-003	Lower Lobby NE	101	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Indoor	104 Deg		
P1	VMS-L01-004	Gymnasium NW	110	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Indoor	104 Deg		
P1	VMS-L01-005	Gymnasium NE	110	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Indoor	104 Deg		
P1	VMS-L01-006	Gymnasium SE	110	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Indoor	104 Deg		
P1	VMS-L01-007	Gymnasium SW	110	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Indoor	104 Deg		
P1	VMS-L01-008	Lower Level Corridor E	111	CAT 6	Main f Sub Com Rm	NS-L1-001	Dual Lens	Ceiling	POE	HANWHA	PNM-C12082RVD		Indoor	180 Deg		
P1	VMS-L01-009	Main Desk	118A	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LV		Indoor	104 Deg		
P1	VMS-L01-010	ADM & Control	118	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LV		Indoor	104 Deg		
P1	VMS-L01-011	Commonroom Lower Level	117	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LV		Indoor	104 Deg		
P1	VMS-L01-012	Pool Admin Area	124	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LV		Indoor	104 Deg		
P1	VMS-L01-013	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T91D61, T94N01D	Outdoor	270 Deg	30 Watt injector required.	
P1	VMS-L01-014	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-015	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-016	Pool Exterior		CAT 6	Main f Sub Com Rm	NS-L1-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T94N01D, T91D61, T91A64	Outdoor	270 Deg	30 Watt injector required.	
P1	VMS-L01-017	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-018	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-019	Universal Change Room	113	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-020	Universal Change Room	113	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-021	Universal Change Room	113	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-022	Universal Change Room	113	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Ceiling	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-023	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T91D61, T94N01D	Outdoor	270 Deg	30 Watt injector required.	
P1	VMS-L01-024	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T91D61, T94N01D	Outdoor	270 Deg	30 Watt injector required.	
P1	VMS-L01-025	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-026	Pool	126	CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P1	VMS-L01-027	Lobby Exterior		CAT 6	Main f Sub Com Rm	NS-L1-001	Fixed Dome	Wall	POE	AXIS	P3267-LVE		Outdoor	104 Deg		
P2	VMS-L02-001	Library Exterior NW		CAT 6	Upper Level Sub Com Rm	NS-L2-001	Dual Lens	Wall	POE	HANWHA	PNM-C12082RVD		Outdoor	270 Deg	30 Watt injector required.	
P2	VMS-L02-002	Library Teen Zone	202A	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-003	Library North Fire Exit	202	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-004	Library Admin area	202	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Multi Lens	Ceiling	POE	AXIS	P3737-PLE	T94N01D, T91B63	Outdoor	360 Deg	Will require 30watt POE	
P2	VMS-L02-005	Library Exterior NE		CAT 6	Upper Level Sub Com Rm	NS-L2-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T94N01D, T91D61, T91A64	Outdoor	270 Deg	30 Watt injector required.	
P2	VMS-L02-006	Library Main Entry		CAT 6	Upper Level Sub Com Rm	NS-L2-001	Fixed Dome	Wall	POE	HANWHA	HXB-H6461H		Indoor	73 Deg		
P2	VMS-L02-007	Library	201	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Multi Lens	Wall	POE	HANWHA	PNM-C12082RVD		Indoor	180 Deg		
P2	VMS-L02-008	Library	202	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Multi Lens	Wall	POE	AXIS	P3737-PLE	T94N01D, T91B63	Outdoor	360 Deg	Will require 30watt POE	
P2	VMS-L02-009	2nd Floor Seating Area	201	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-010	2nd Floor Corridor	215	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Dual Lens	Wall	POE	HANWHA	PNM-C12082RVD		Indoor	180 Deg		
P2	VMS-L02-011	Library Central	202	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Multi Lens	Ceiling	POE	AXIS	P3737-PLE	T94N01D, T91B63	Outdoor	360 Deg	Will require 30watt POE	
P2	VMS-L02-012	Library S	202	CAT 6	Upper Level Sub Com Rm	NS-L2-001	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-013	Fitness and Weight Room NE	216	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-014	Fitness and Weight Room NW	216	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-015	2nd Floor Corridor W	215B	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Dual Lens	Wall	POE	HANWHA	PNM-C12082RVD		Indoor	180 Deg		
P2	VMS-L02-016	Fitness and Weight Room SW	216	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-017	2ND Floor Balcony	221B	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-018	Large MPR	221	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg	Set in Corridor view	
P2	VMS-L02-019	Commonroom 2nd Floor	219	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-020	Sub Corridor Room 208	208	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-021	2nd Floor Elevator Corridor 217	217	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
P2	VMS-L02-022	Fitness area	216	CAT 6	Upper Level Sub Com Rm	NS-L2-002	Fixed Dome	Wall	POE	AXIS	P3267-LV		Indoor	104 Deg		
Roof	VMS-L03-001	Roof Stair Exit		CAT 6	Upper Level Sub Com Rm	NS-L2-002	Dual Lens	Wall	POE	HANWHA	PNM-C12083RVD		Outdoor	180 Deg		



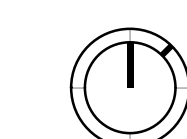


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7	2025.11.21	ISSUED FOR 50% CD
8	2025.12.19	ISSUED FOR 60% CD

Project title

Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam

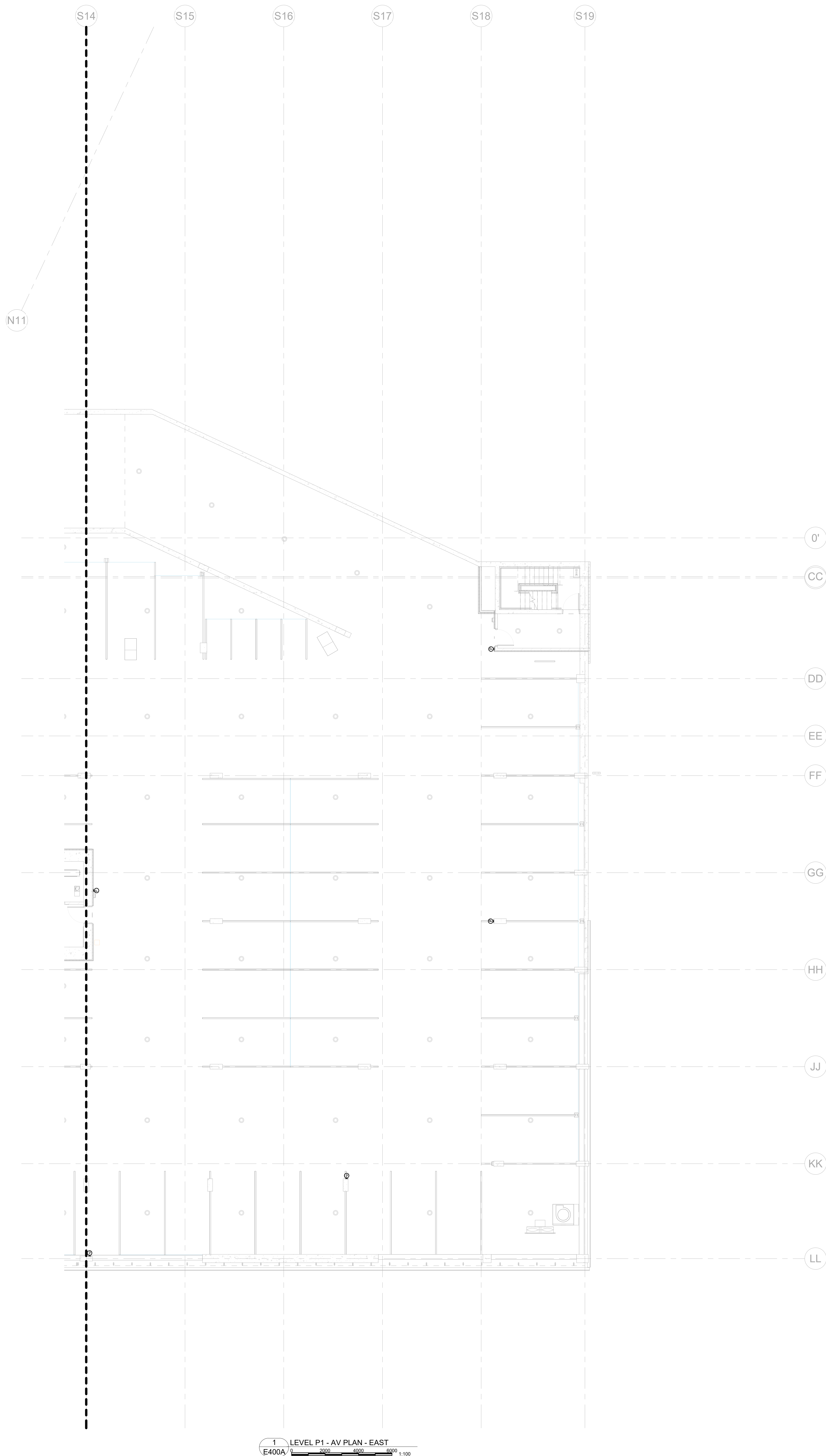
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Sheet title

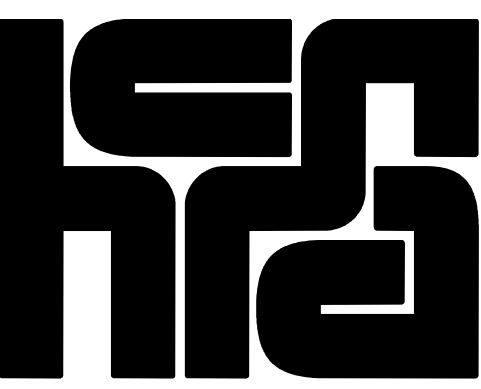
## LEVEL P2 EAST - AUDIO VISUAL SYSTEM PLAN

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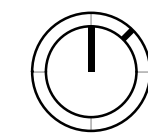
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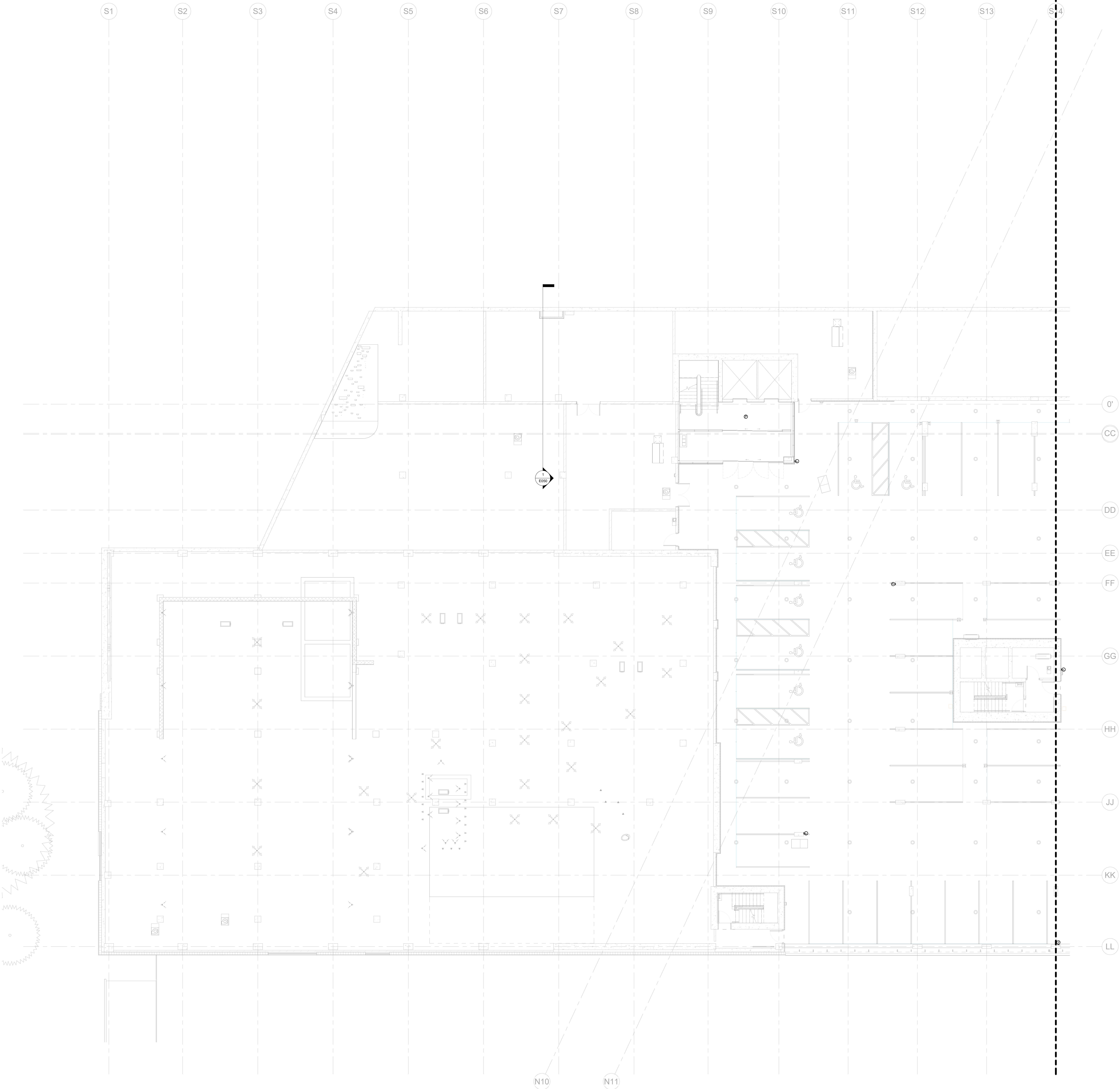
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**LEVEL P2 WEST -  
AUDIO VISUAL  
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**E400B**



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





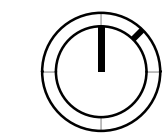
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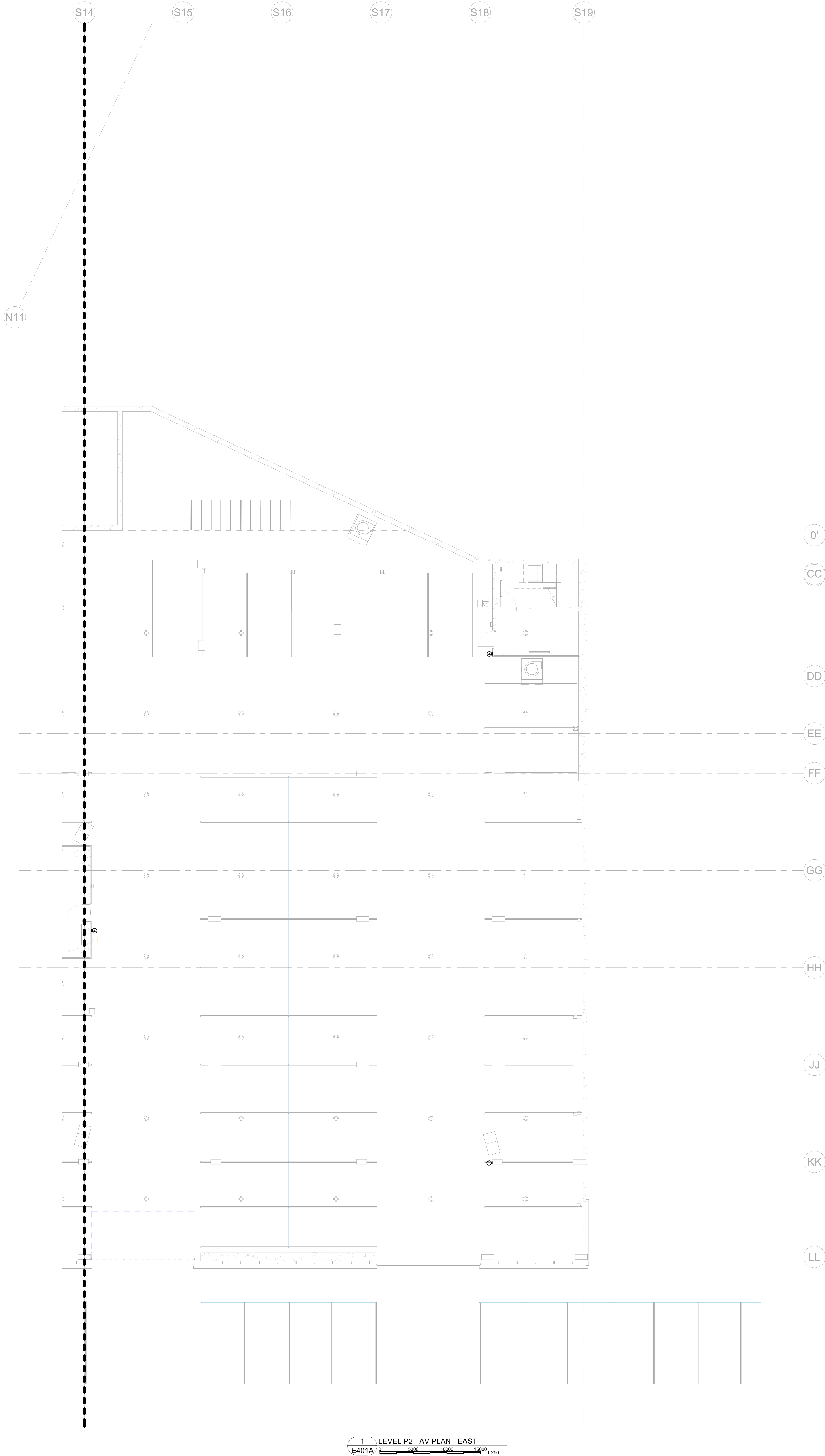
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Site  
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SYSTEM PLAN

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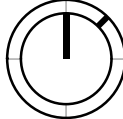
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Client  
City of Coquitlam

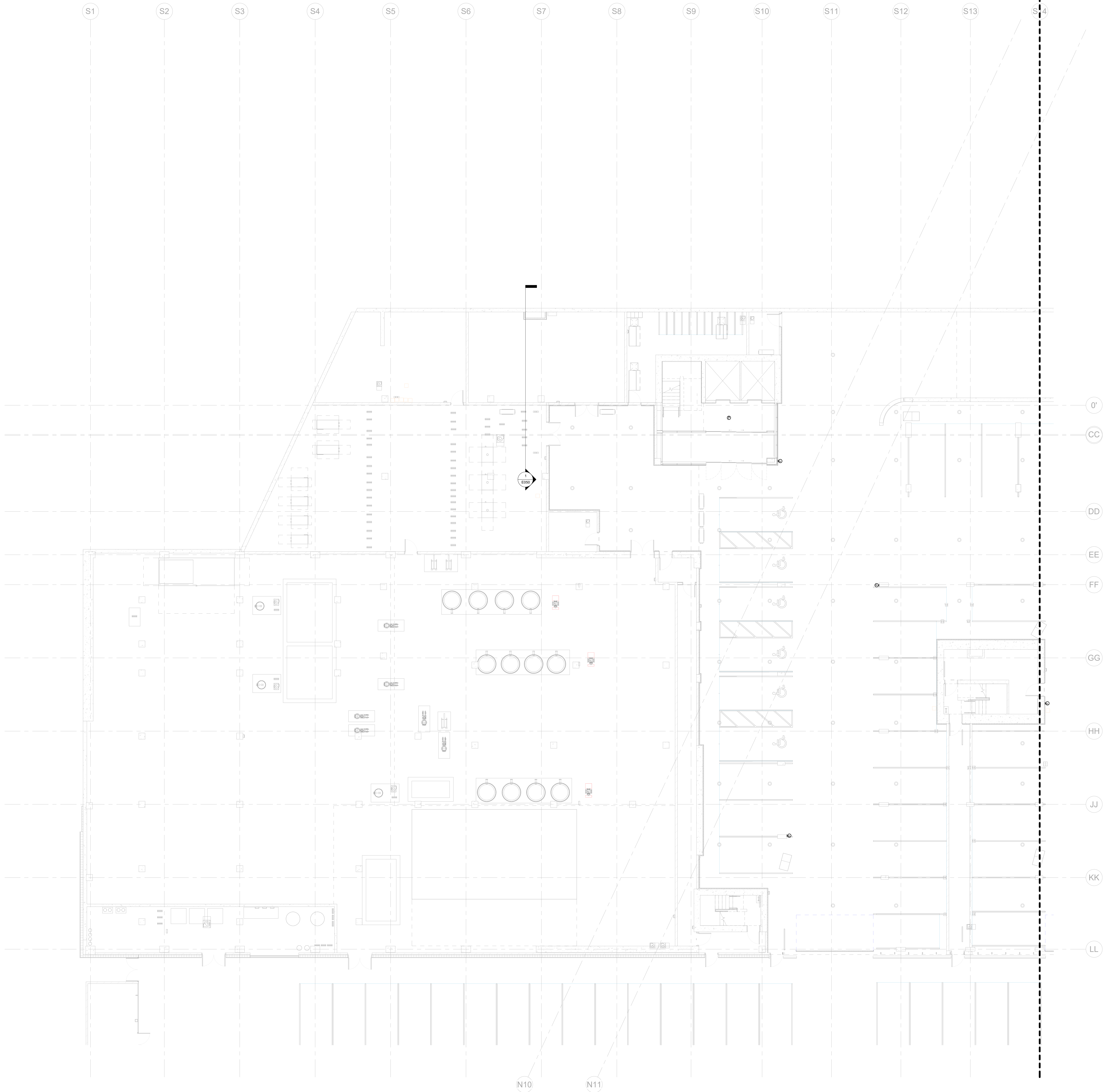
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
**LEVEL P1 WEST -  
AUDIO VISUAL  
SYSTEM PLAN**

Printed  
Date  
Sheet  
number

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Current Issue    8

**E401B**



1 LEVEL P2 - AV PLAN - WEST  
E401B





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8	2025.12.19	ISSUED FOR 60% CD

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

Client  
City of Coquitlam

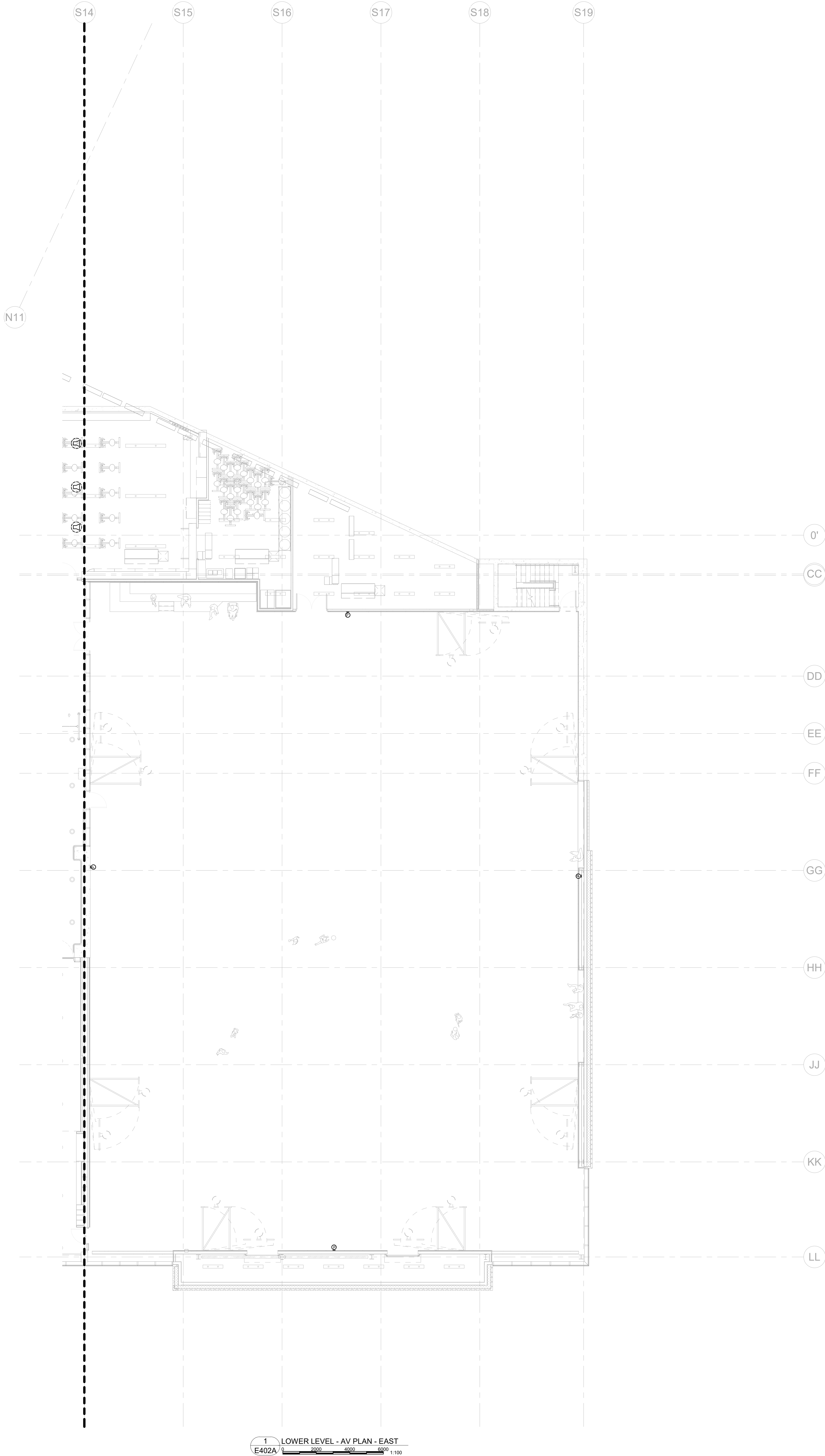
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Sheet title  
**LOWER LEVEL EAST -  
AUDIO VISUAL  
SYSTEM PLAN**

Printed  
Date  
Sheet  
number

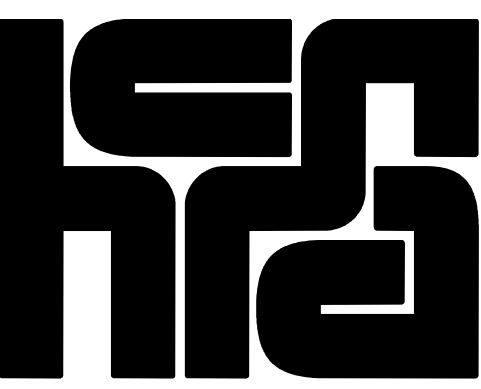
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Current Issue    8

**E402A**



1 LOWER LEVEL - AV PLAN - EAST  
E402A





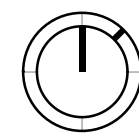
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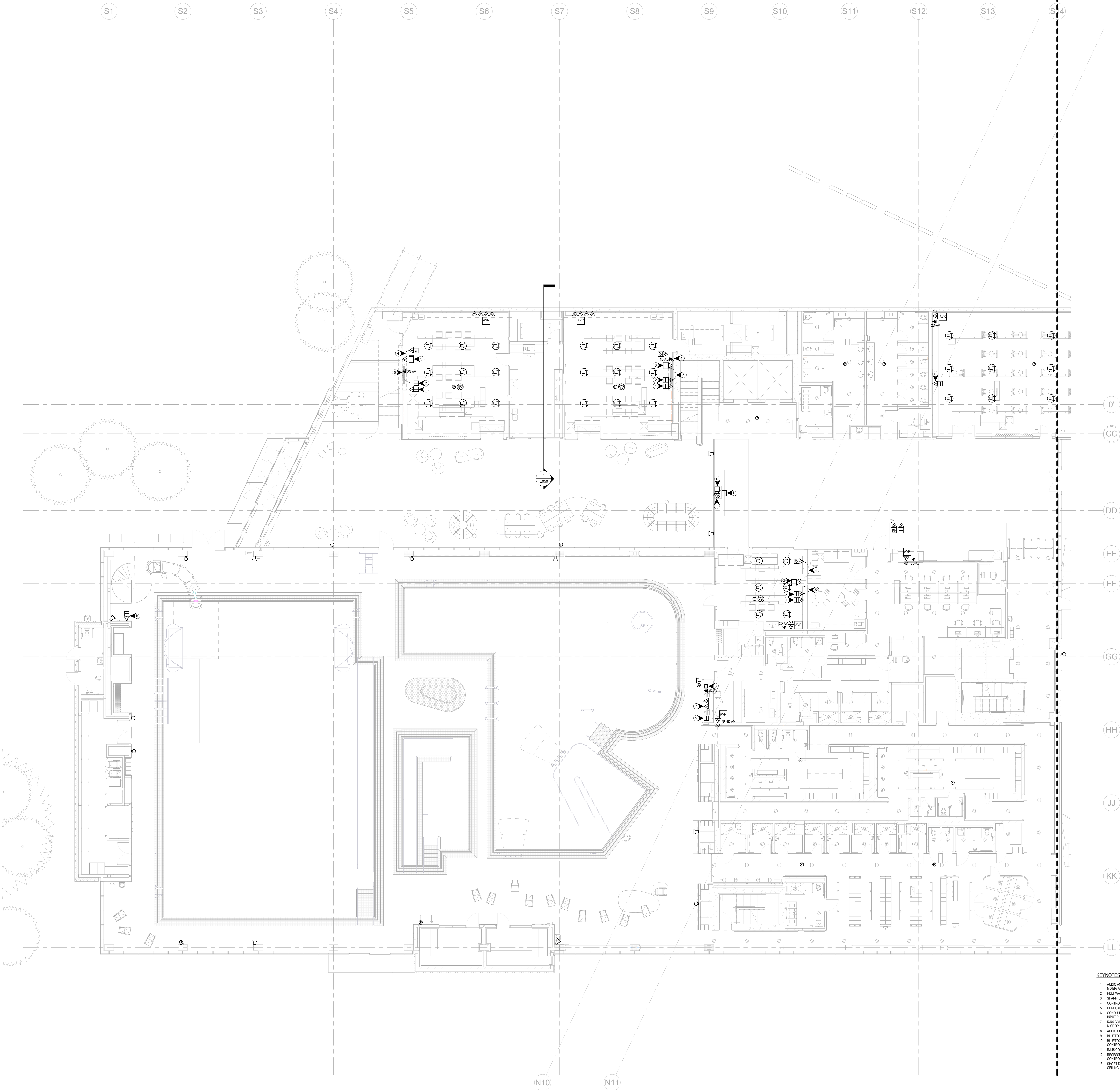
Project title  
Burke Mountain  
Community Centre  
(BMCC)

Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
LOWER LEVEL WEST -  
AUDIO VISUAL  
SYSTEM PLAN

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E402B



- KEYNOTES
1. AUDIO AND BLUETOOTH WALL INPUT CONNECTED TO TDA MIXER AMPLIFIER IN THE BACK
  2. HDMI 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) CAT6A FROM BLUETOOTH/AUDIO INPUT PLATES 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 MOTORIZED VIDEO PROJECTOR SCREEN VIA CONTROL CABLE IN CONDUIT TO AV RACK AT RECEPTION
  13. SHORT DISTANCE VIDEO PROJECTOR MOUNTED ON THE CEILING





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Project title  
Burke Mountain  
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Client  
City of Coquitlam

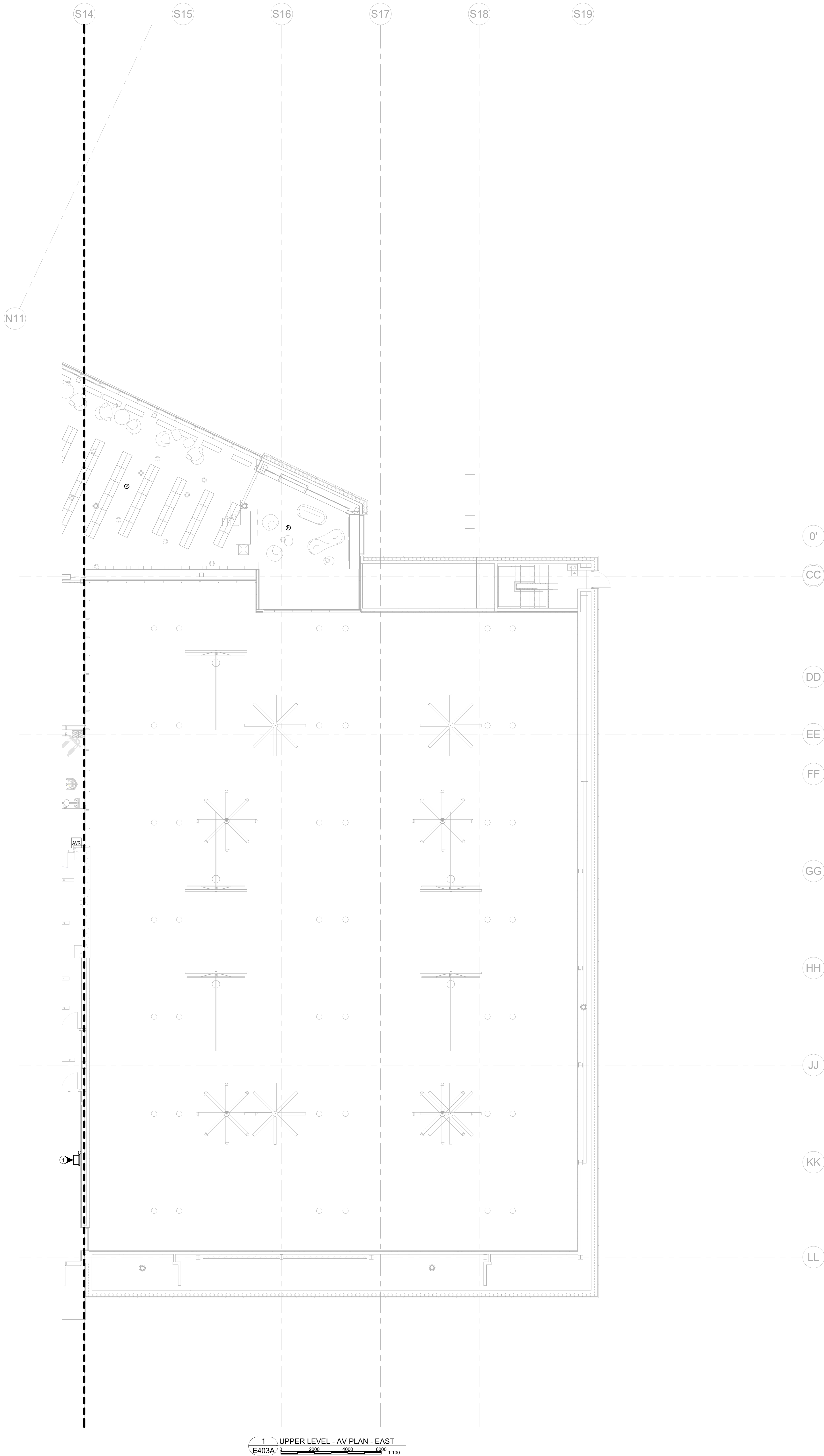
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Sheet title  
UPPER LEVEL EAST -  
AUDIO VISUAL  
SYSTEM PLAN

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Date  
Sheet  
number

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Current Issue 8

E403A



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





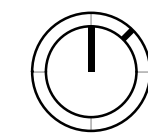
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Client  
City of Coquitlam

Site  
Burke Mountain, Coquitlam, BC

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

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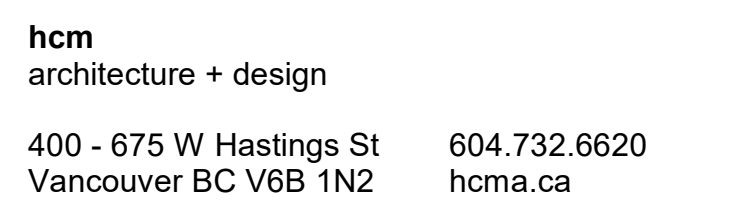
**E403B**



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  
0 2000 4000 6000 8000 1:100



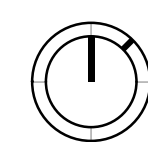


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## Sea



**Key  
plan**



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City of Coquitlam

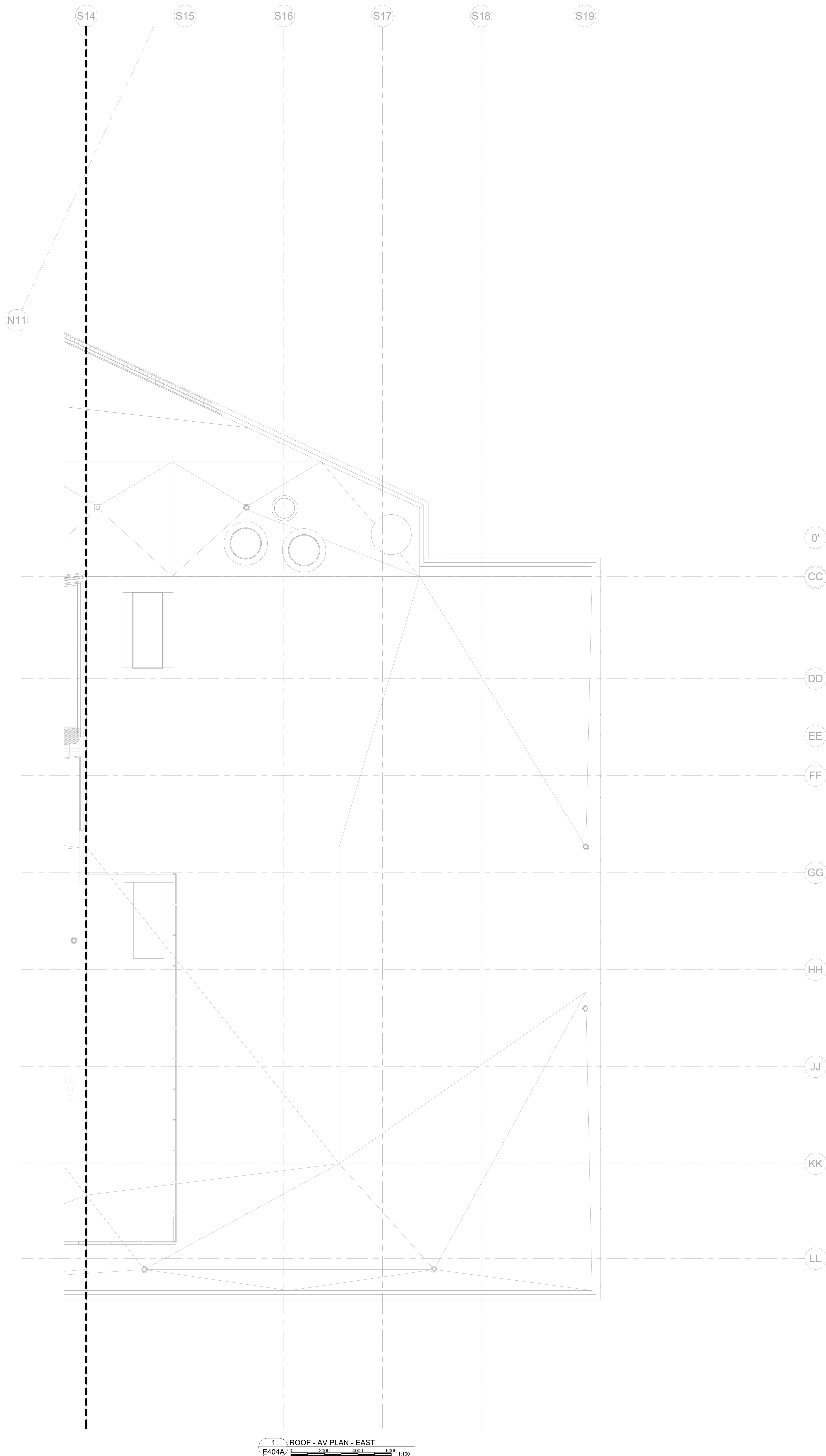
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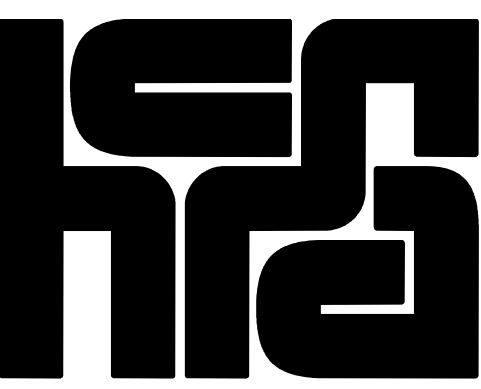
ROOF EAST - AUDIO  
VISUAL SYSTEM PLAN

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# E404A







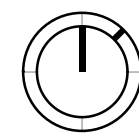
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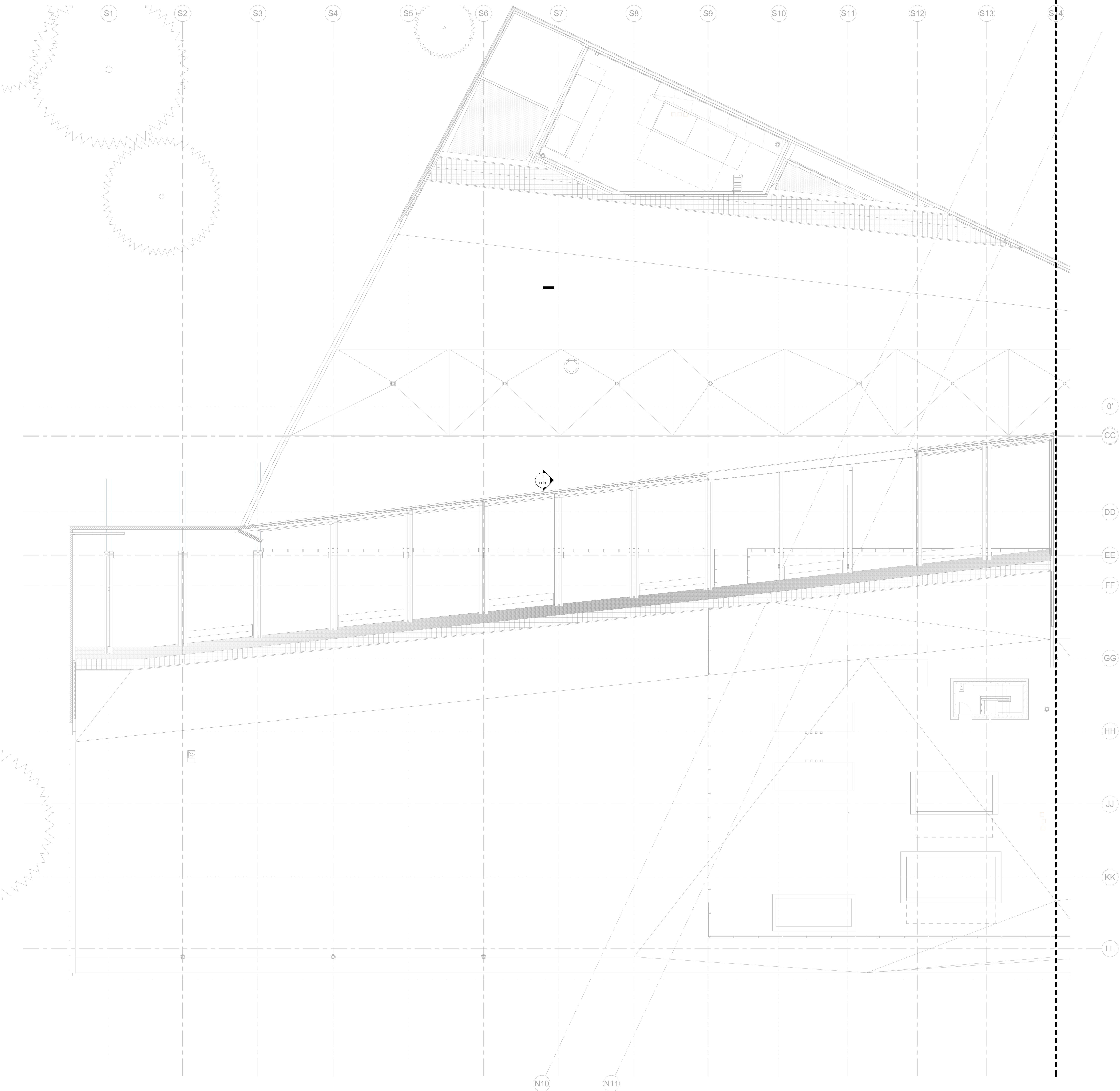
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**Site**  
Burke Mountain, Coquitlam, BC

**Sheet title**  
ROOF WEST - AUDIO  
VISUAL SYSTEM PLAN

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**Sheet** Current Issue 8  
**number**

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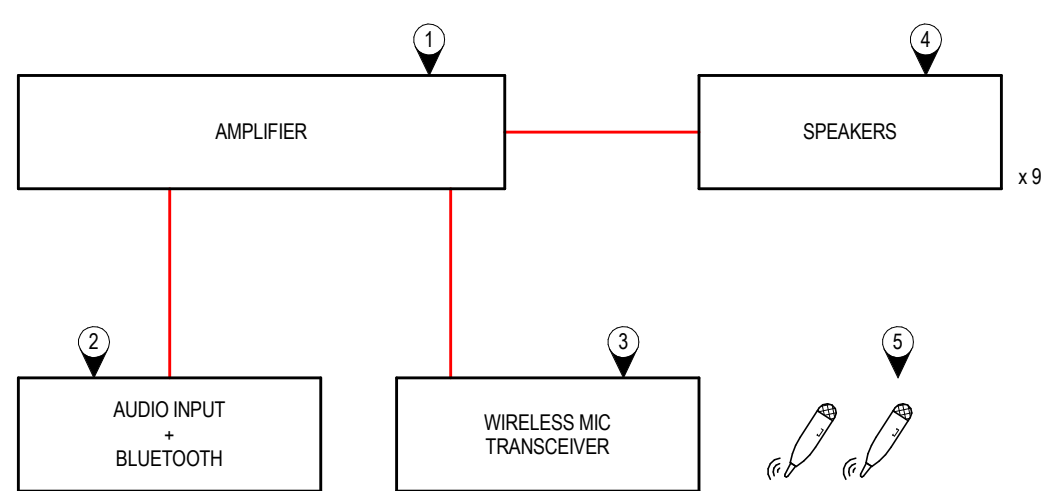


1 ROOF - AV PLAN - WEST  
E404B 0 200 400 600 800 1000 1:100



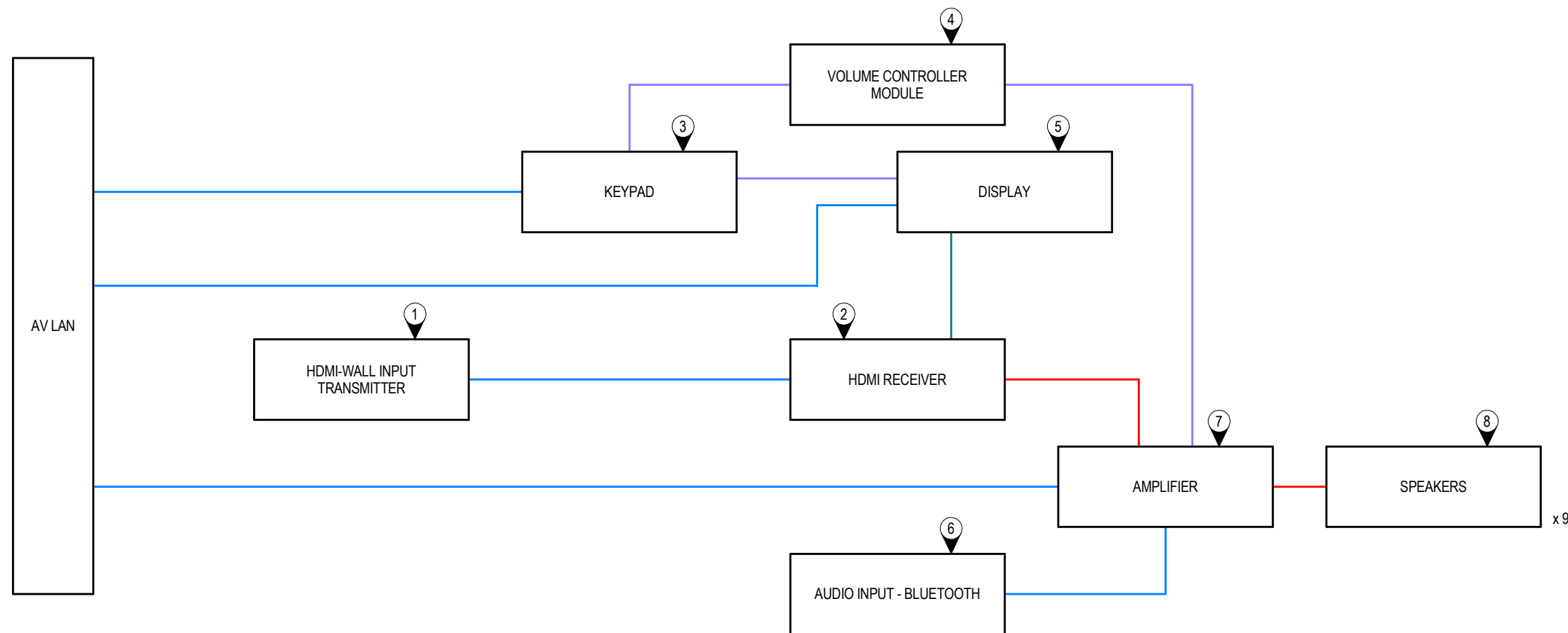
CABLE TYPE	
CATE CABLE	
USB CABLE	
AUDIO CABLE	
CONTROL CABLE	
POWER CABLE	
HDMI CABLE	

ROOM 109 - ACTIVE STUDIO



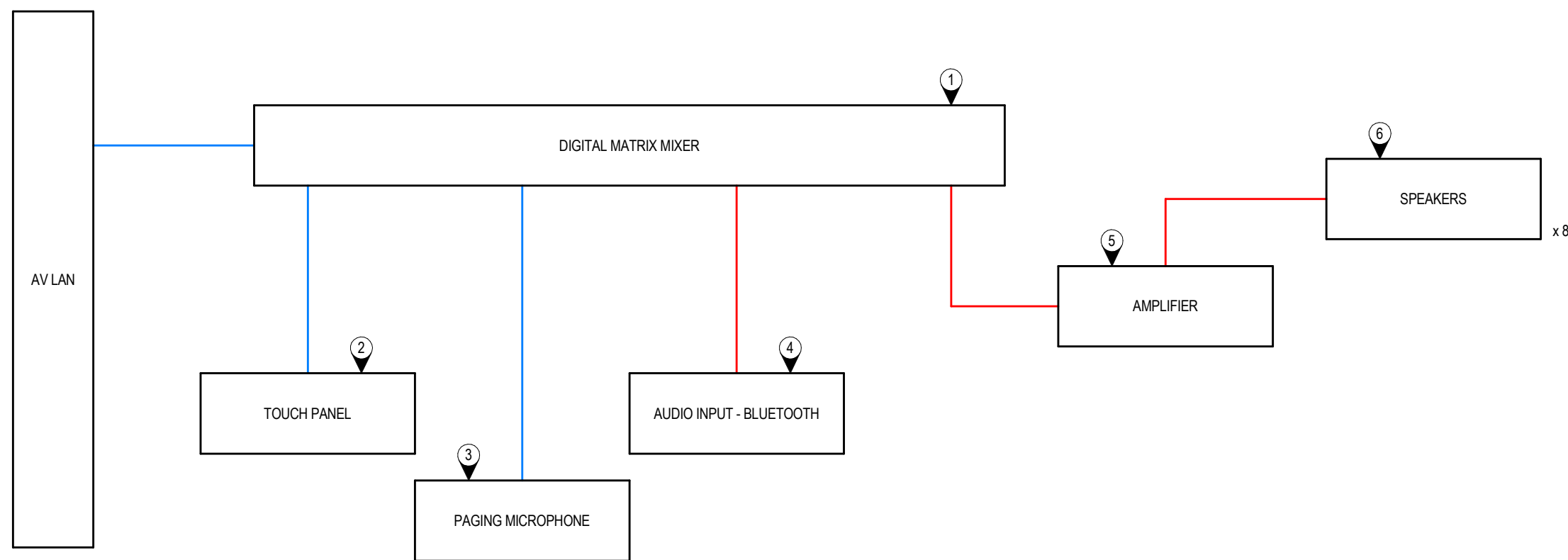
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2	TOA	mw-418T-AM	1
3	TOA	S2-4-R01	1
4	TOA	F-2852C	9
5	TOA	S2-4-BTX Transmitter	1

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



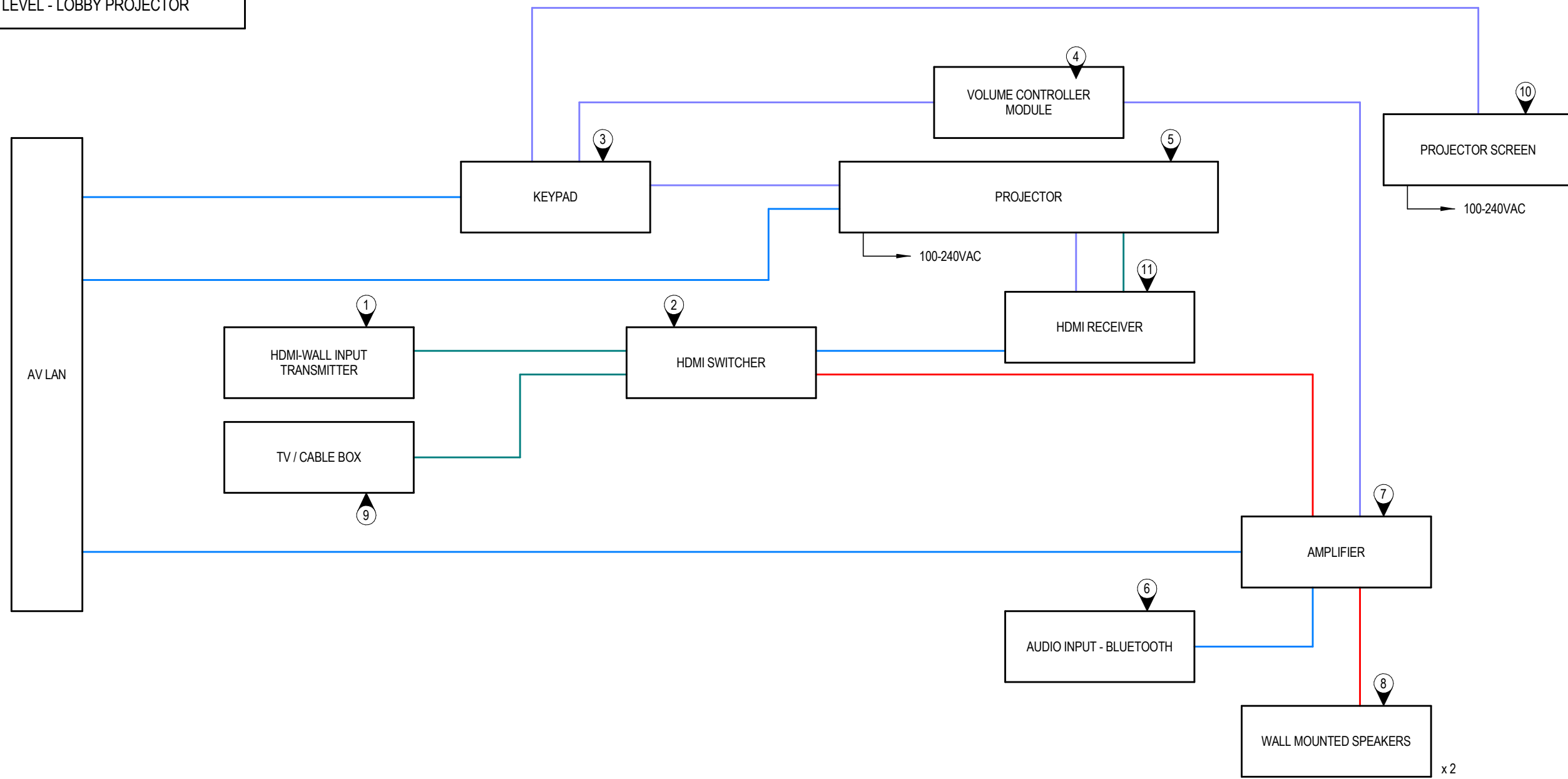
#	MFR	DESCRIPTION	QTY
1	EXTRON	DTP3 T 101 D	1
2	EXTRON	DTP3 R 201	1
3	EXTRON	MLC 100 Plus	1
4	EXTRON	MLA VC10 Plus	9
5	SHARP	98"	1
6	TOA	mw-418T-AM	1
7	TOA	A-824D	1
8	TOA	F-2852C	9

POOL AREA



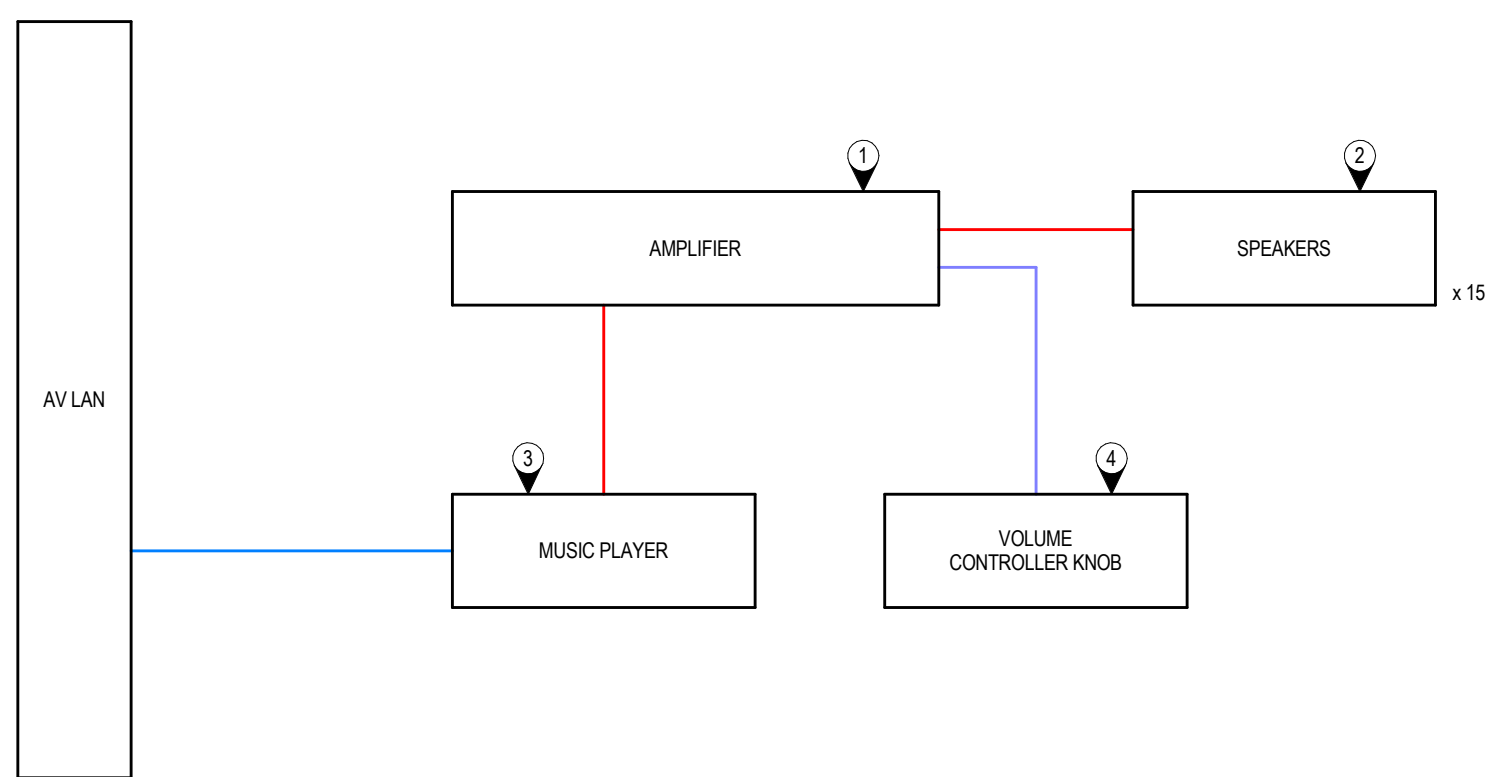
#	MFR	DESCRIPTION	QTY
1	TOA	MD-808KD	1
2	TOA	M-808RCT-AM	1
3	TOA	M808RM	1
4	TOA	mw-418T-AM	1
5	TOA	500P	1
6	TOA	F-3208T/NP	8

LOWER LEVEL - LOBBY PROJECTOR



#	MFR	DESCRIPTION	QTY
1	EXRTON	DTP3 T 101 D	1
2	EXRTON	DTP3 IN2004 Series	1
3	EXRTON	MLC 100 Plus	1
4	EXRTON	MLA VC10 Plus	1
5	EPSON	EB-FU1000W WUXGA 3LCD	1
6	TOA	mw-418T-AM	1
7	TOA	A824D	1
8	EXRTON	TBD	1
9	TELUS	Telus cable box	1
10	DA-LITE	Tenarised Advantage Series	1
11	EXRTON	DTP3 R 201	1

ROOM 216 - FITNESS AND WEIGHT



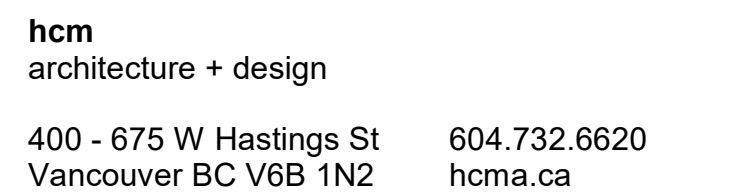
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1	TOA	A-824D	1
2	TOA	F-2852C	15
3	TBD	Music player	1
4	TOA	A1-953AP	1

Project title  
Burke Mountain  
Community Centre  
(BMCC)

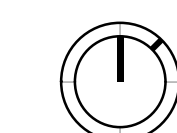
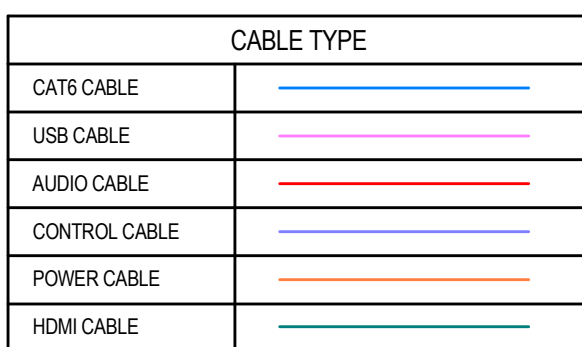
Client  
City of Coquitlam  
Site  
Burke Mountain, Coquitlam, BC

Sheet title  
AUDIO VISUAL  
SYSTEM TYPICAL  
WIRING DIAGRAM 1  
OF 2





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Project title  
Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam

**Site**  
Burke Mountain, Coquitlam, BC

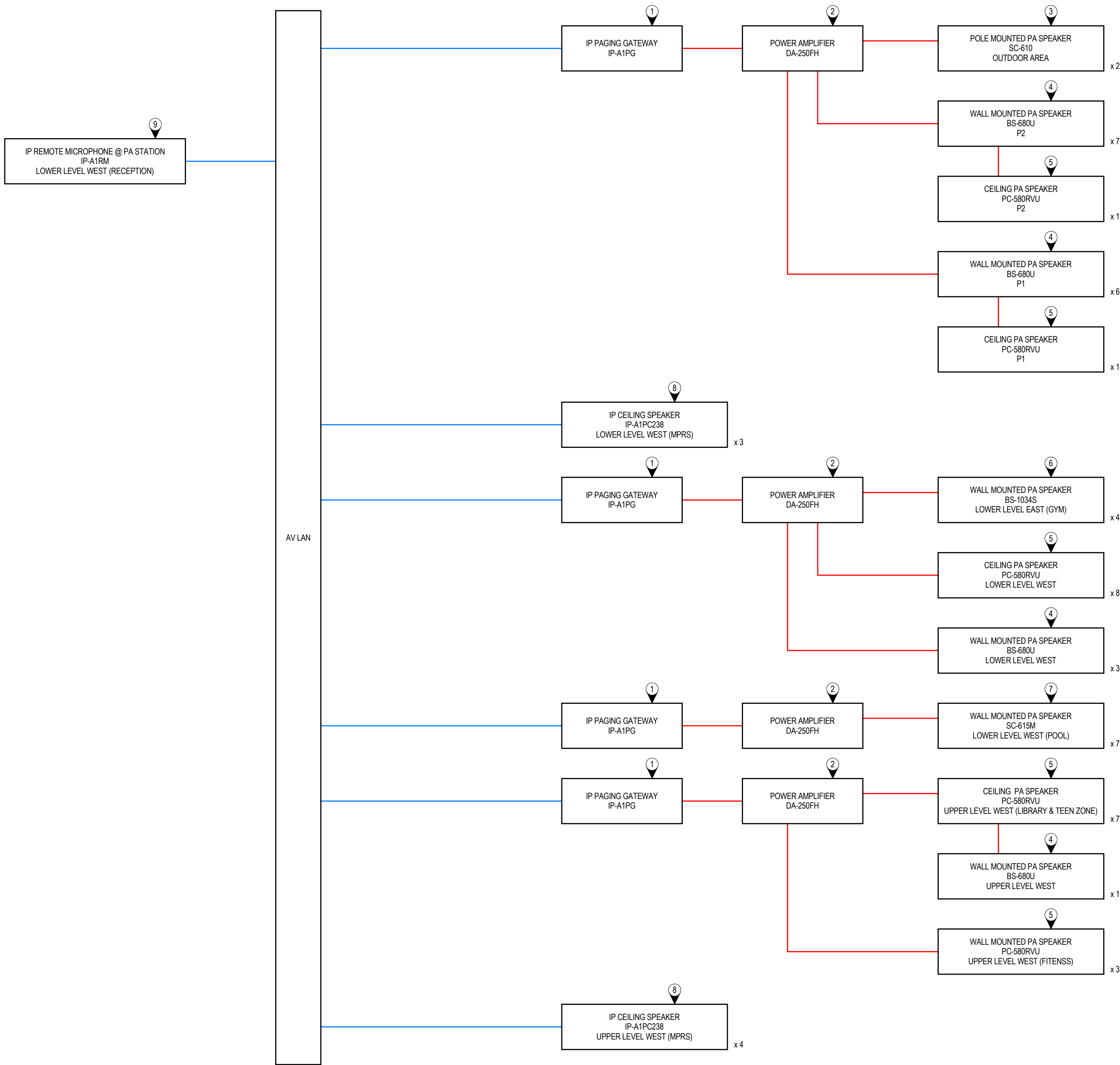
Sheet title

AUDIO VISUAL  
SYSTEM TYPICAL  
WIRING DIAGRAM 2  
OF 2

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Date  
Sheet Current Issue 8  
number

# E412



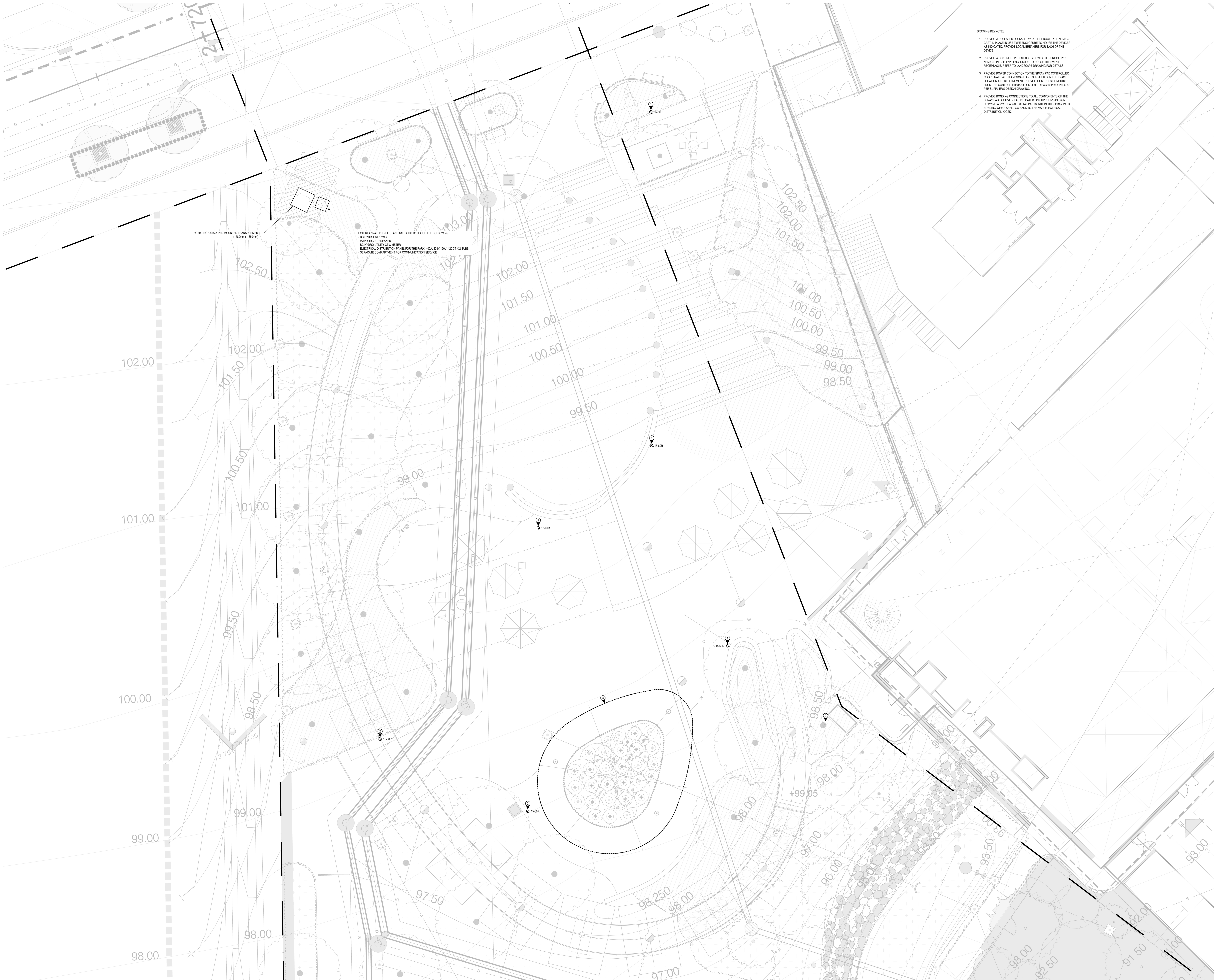


PA SYSTEM EQUIPMENT LIST			
#	MFR	DESCRIPTION	QTY
1	TOA	IP PAGING GATEWAY (P-A1PG)	4
2	TOA	POWER AMPLIFIER (DA-250FH)	4
3	TOA	POLE MOUNTED PA SPEAKER (SC-419 OUTDOOR AREA)	2
4	TOA	WALL MOUNTED PA SPEAKER (BS-68BU P2)	17
5	TOA	CEILING PA SPEAKER (PC-58BU P2)	20
6	TOA	WALL MOUNTED PA SPEAKER (BS-68BU P1)	20
7	TOA	CEILING PA SPEAKER (PC-58BU P1)	20
8	TOA	WALL MOUNTED PA SPEAKER (BS-68BU LOWER LEVEL EAST (OHM))	4
9	TOA	WALL MOUNTED PA SPEAKER (SC-419M LOWER LEVEL WEST (POOL))	7
10	TOA	IP CEILING SPEAKER (IP-APC238 LOWER LEVEL WEST (NPRS))	7
11	TOA	IP REMOTE MICROPHONE @ PA STATION (P-A1RM LOWER LEVEL WEST (RECEPTION))	1

PA SYSTEM - GENERAL DRAWING NOTES:

- THIS DIAGRAM ILLUSTRATES THE FUNCTIONAL 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 (P-A1PG, P-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-250FH/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:
  - 15-17V SPEAKER CABLING: STRANDED, SHIELDED, OVPDT WHERE REQUIRED.
  - IP CABLING: CAT6A MINIMUM, TERMINATED TO TIA/EIA-568-B STANDARDS.
  - 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 P-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 LOUPEAKER 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 (P-A1) (SOPHISTICATED IP AUDIO ENDPOINTS) WITH AV, SIP/VOIP, OR EMERGENCY SYSTEM IS REQUIRED, THE OWNER SHALL PROVIDE THE NECESSARY NETWORK SUPPORT (VLAN, QoS, IP ADDRESSING), SIP SERVER ACCESS (IF NEEDED), AND COORDINATION WITH ITS SECURITY TEAM. ADDITIONAL INTERFACES, HARDWARE, LICENSES, AND PROGRAMMING REQUIRED FOR INTEGRATION ARE NOT INCLUDED UNLESS SPECIFICALLY NOTED IN THE CONTRACT DOCUMENTS.





- DRAWING KEYNOTES
1. PROVIDE A RECESSED LOCKABLE WEATHERPROOF TYPE NEMA 3R CAST IN PLACE IN USE TYPE ENCLOSURE TO HOUSE THE DEVICES AS INDICATED. PROVIDE LOCAL BREAKERS FOR EACH OF THE DEVICES.
  2. PROVIDE A CONCRETE PEDESTAL 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 AND FOLD OUT 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 PARK. BONDING WIRES SHALL GO BACK TO THE MAIN ELECTRICAL DISTRIBUTION KIOSK.

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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

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ISSUED FOR 75% DD  
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ISSUED FOR  
COORDINATION  
ISSUED FOR 25% CD  
ISSUED FOR 50% CD  
COORDINATION  
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  
**BVP ELECTRICAL  
PLAN**

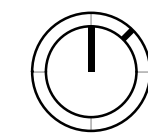
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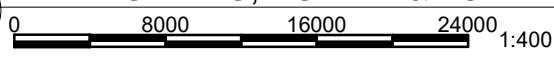


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2	2025.07.23	ISSUED FOR 75% DD
3	2025.08.08	ISSUED FOR 100% DD
4	2025.09.05	ISSUED FOR COORDINATION
5	2025.10.01	ISSUED FOR 25% CD
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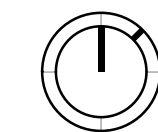
Project title  
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Client  
City of Coquitlam  
Site  
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Sheet title  
BVP LIGHTING PLAN







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3	2025.08.08	ISSUED FOR 100% DD
4	2025.09.05	ISSUED FOR COORDINATION
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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

Project title

Burke Mountain  
Community Centre  
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Client  
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Site  
Burke Mountain, Coquitlam, BC

Sheet title

BVP ELECTRICAL  
DETAILS

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Date

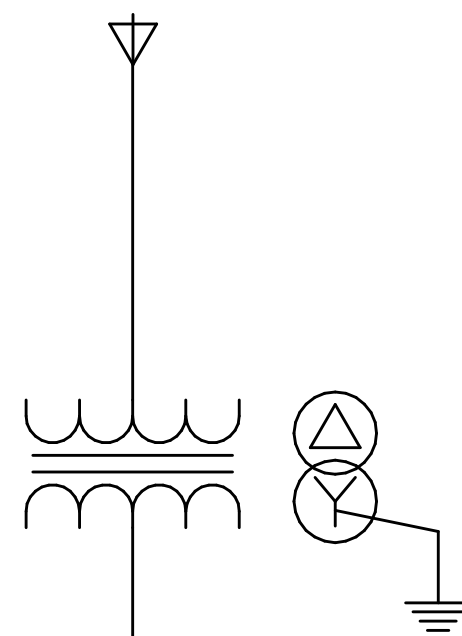
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Current Issue 8

E502

BC HYDRO 25kV 3Ø  
INCOMING SERVICE



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

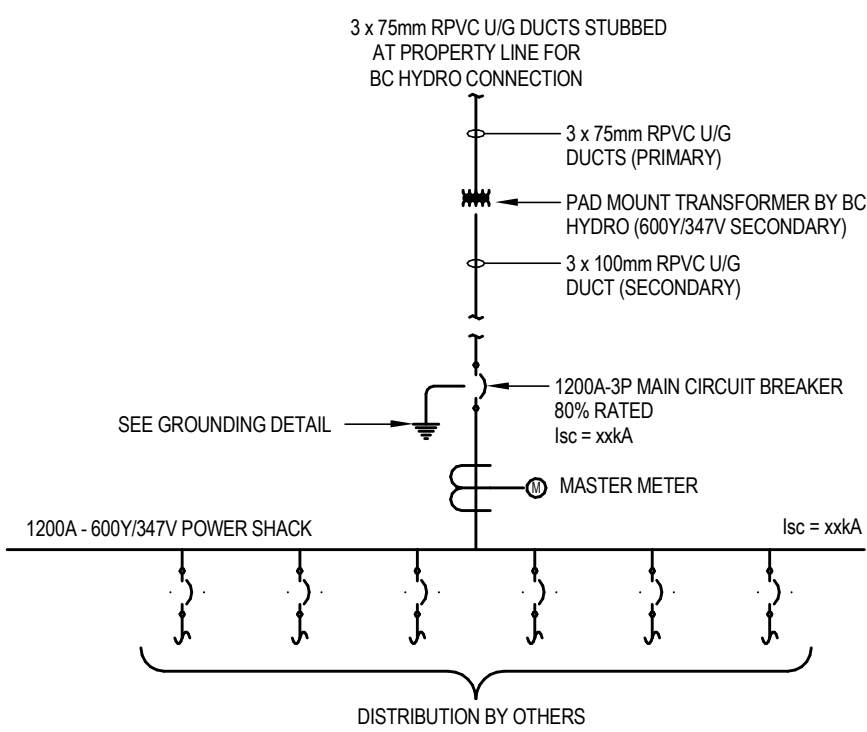
FEEDER BY BC HYDRO

400A  
LSIG

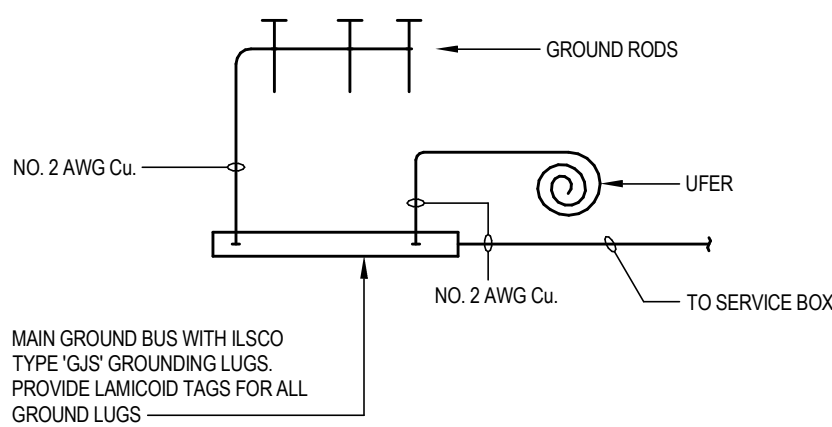
BCH MASTER METER

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

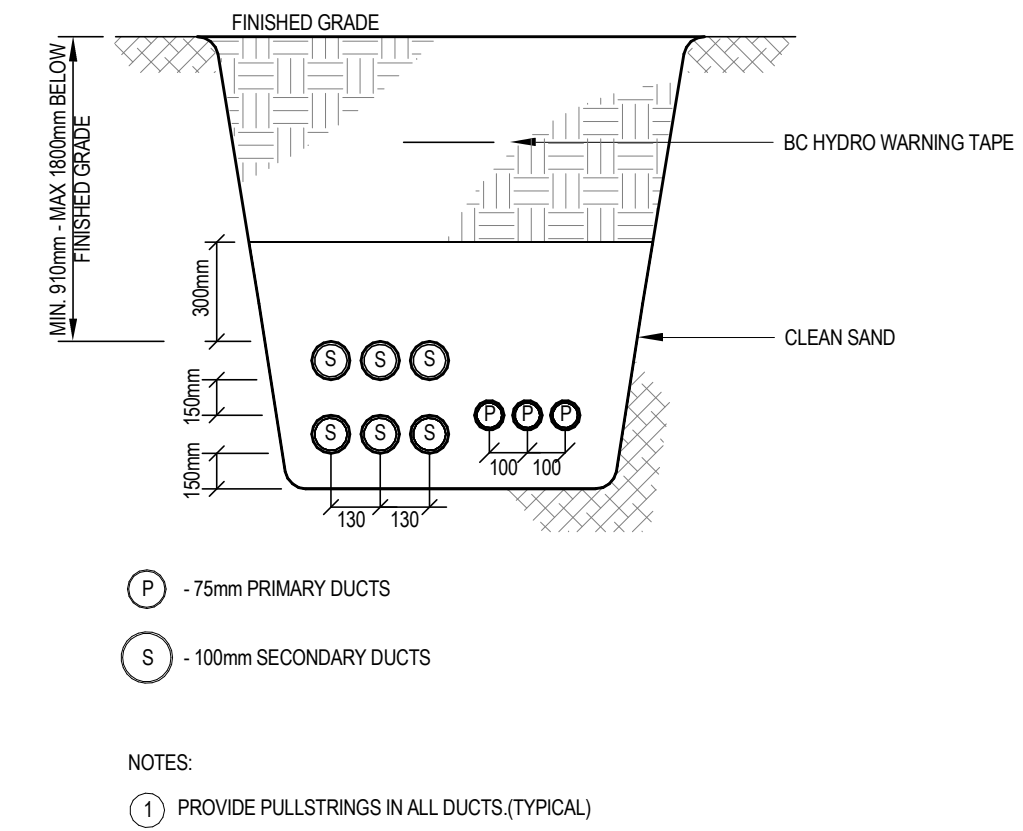
1 BVP SINGLE LINE DIAGRAM  
E502 / NTS



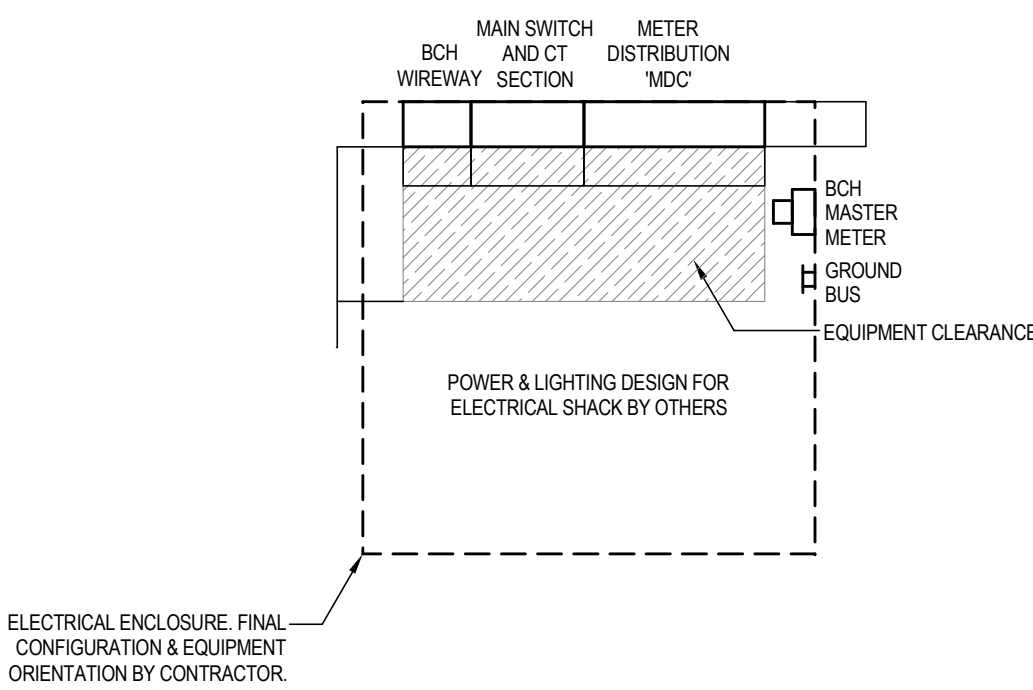
2 TEMP. POWER SINGLE LINE DIAGRAM  
E502 / NTS



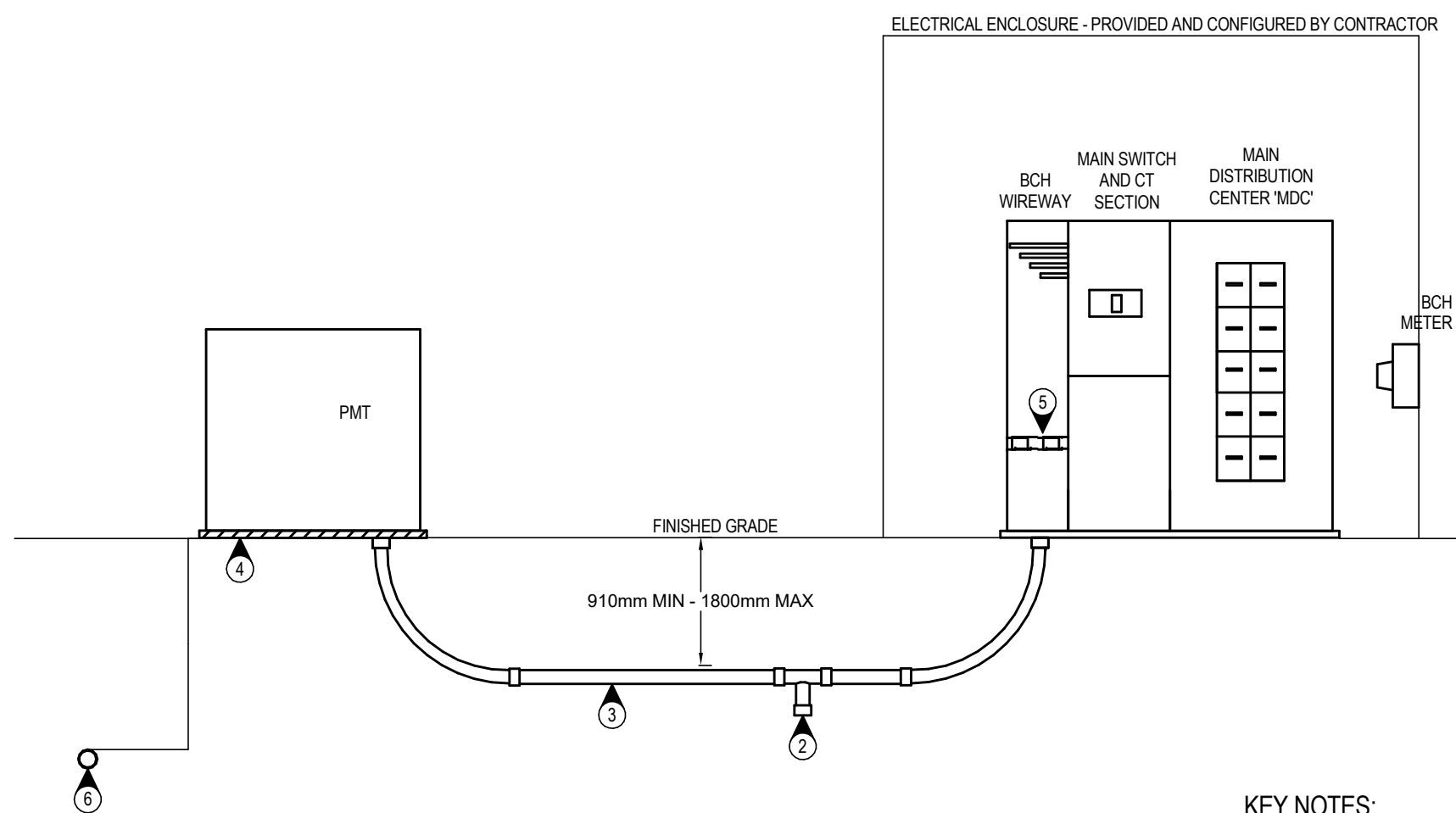
3 MAIN GROUND BUS  
E502 / NTS



4 PRIMARY & SECONDARY FEEDER TRENCH DETAIL  
E502 / NTS



5 ELECTRICAL ENCLOSURE LAYOUT  
E502 / NTS

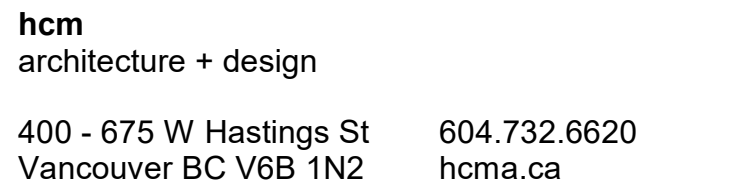


6 HYDRO SECTION DETAIL  
E502 / NTS

KEY NOTES:

- 3 x 75mm RPVC PRIMARY DUCTS STUBBED OFF AT PROPERTY LINE.
- TURN TO ROCK PIT DRAINAGE. REFER TO DETAIL 1 ON SHEET E20 FOR FURTHER DETAIL.
- 3 x 100mm RPVC SECONDARY DUCTS TO MAIN SWITCH BOARD. MINIMUM 915mm 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 80N CLASS, SEPARATELY MOUNTED FOR THE SUPPORT OF INDIVIDUAL SERVICE CABLE. THE CABLE CLAMPS SHALL HAVE INTEGRAL CUSHIONING LAYER TO PROTECT THE CABLE INSULATION FROM DAMAGE CAUSED BY THERMAL CYCLING UP/DOWN DURING THE CABLE CLAMPS SHALL BE INSTALLED IN A 50° x 1.5M C-CHANNEL MOUNTED ON A SLOTTED ANGLE BRACKET, SUITABLE FOR FACING EITHER OUTWARD OR UPWARD. SLOTTED ANGLES SHALL PROVIDE BACKSUPPORT KULASMENT OF THE C-CHANNEL WITHIN 150mm OF FRONT OR 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 E204 SHEET.
- UNDERGROUND SANITARY DRAIN PIPE. REFER TO MECHANICAL DESIGN DRAWINGS FOR EXACT LOCATION.

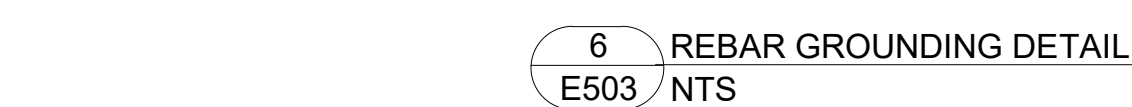




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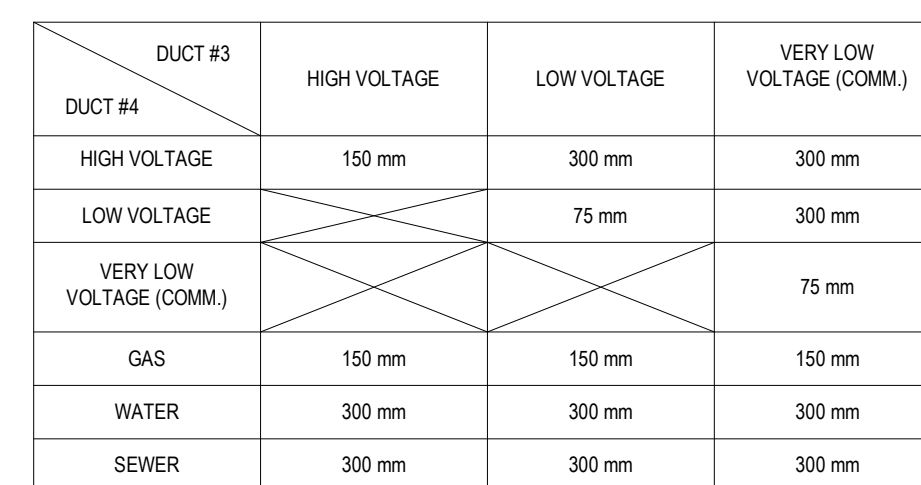
1. REFER TO BC HYDRO ESS4-MARCH 2018, ES 54 F3-07 R4 PAGES 213 - 223
2. ALL EXPOSED METAL STRUCTURES, METAL SIDING, REBAR, FENCES, POLES LOCATED WITHIN 118' OF THE BC HYDRO TRANSFORMER CONCRETE PAD SHALL BE BONDED TO BC HYDRO TRANSFORMER GROUND BUS. THESE GROUNDING CONNECTIONS ARE TO BE INSPECTED AND APPROVED BY BC HYDRO PRIOR TO COVERING.
3. ELECTRICAL CONTRACTOR TO PROVIDE BC HYDRO WITH A SIGNED CUSTOMER DUCT AND GROUNDING DECLARATION, ARRANGE FOR TESTING AND PROVIDE FALL OF POTENTIAL REPORT AND SOIL RESISTIVITY REPORT TO BC HYDRO DESIGNER AND ENGINEER ASSIGNED TO PROJECT.



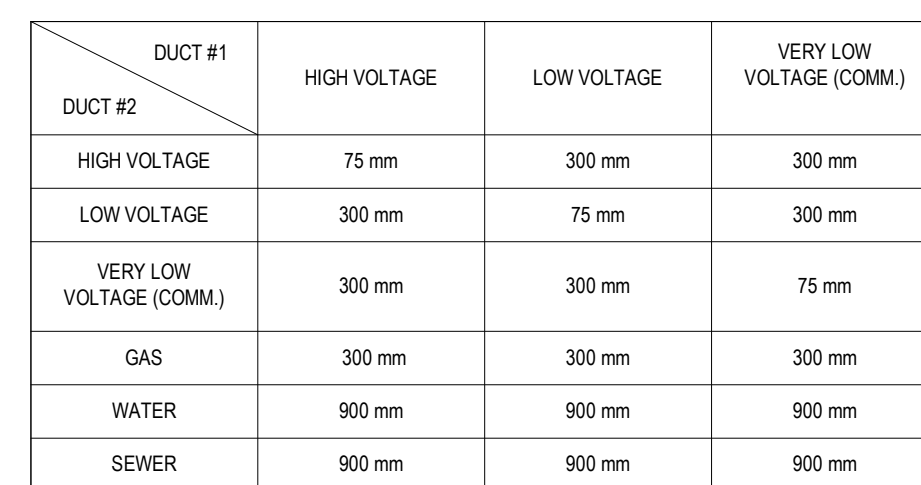
- ① BC HYDRO PAD MOUNT TRANSFORMER.
- ② MAIN ELECTRICAL ROOM.
- ③ SECONDARY SERVICE DUCTS.
- ④ COORDINATE WITH CIVIL/MECHANICAL FOR T-DRAIN CONNECTION.
- ⑤ RACEWAY FOR INCOMING SERVICE



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



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



- 13 HORIZONTAL DUCTS DETAIL  
E503 NTS



Project title  
Burke Mountain  
Community Centre  
(BMCC)

**Client**  
City of Coquitlam

**Site**  
Burke Mountain, Coquitlam, BC

Sheet title

BVP ELECTRICAL  
DETAILS