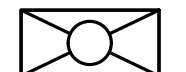
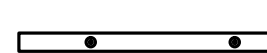
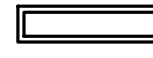
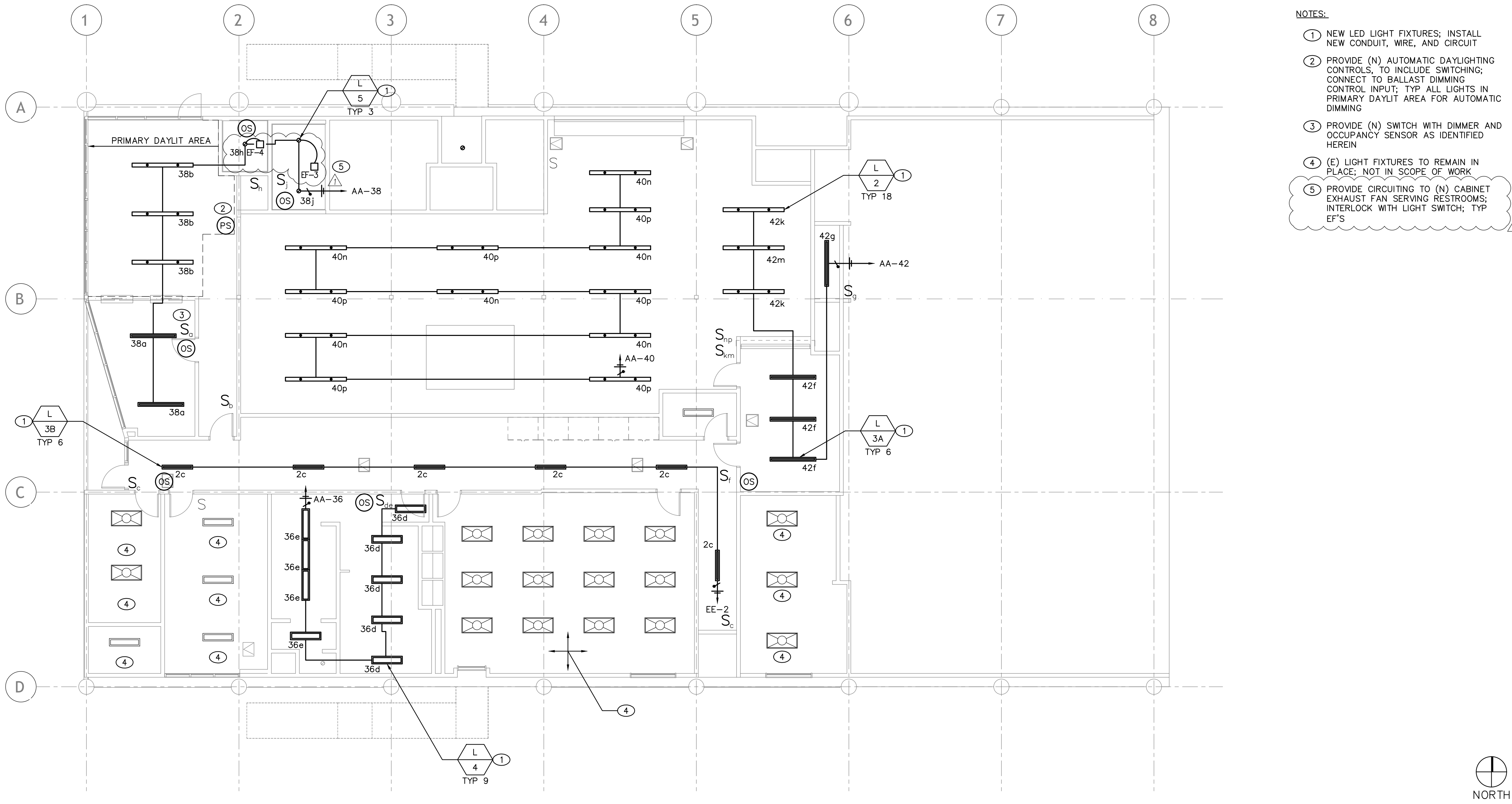


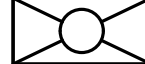
SYMBOL	TYPE	DESCRIPTION	TOTAL V-A	LAMP		V/PH	BALLAST	REMARKS	
				NO.	TYPE				
		HE WILLIAMS 2'x4' TROFFER LED ATS-24-A-L40/835-D	34.2	1	34.2	LED	120/1	STANDARD	LAY-IN TROFFER MOUNTED
		ALCON 8' LINEAR SUSPEND MOUNT LED 12100-40-P	54	1	54	LED	120/1	DIMMING	SUSPENDED MOUNT; PROVIDE 1-10V DIMMING BALLAST
		ALCON 6' LINEAR SURFACE MOUNT LED 12100-40-S	40.5	1	40.5	LED	120/1	DIMMING	SURFACE MOUNT; PROVIDE 1-10V DIMMING BALLAST
		ALCON 4' LINEAR RECESSED MOUNT LED 12100-40-S	27	1	27	LED	120/1	DIMMING	RECESSED MOUNT; PROVIDE 1-10V DIMMING BALLAST
		ALCON 4' WRAPAROUND LED 12119-S-48	38	1	38	LED	120/1	DIMMING	SURFACE MOUNT; PROVIDE 1-10V DIMMING BALLAST
		ALCON 6" RECESSED DOWNLIGHT LED 14008-6-R	10	1	10	LED	120/1	DIMMING	RECESSED MOUNT; PROVIDE 1-10V DIMMING BALLAST

NOTES:

- ALL FIXTURE BALLASTS SHALL BE U.L. APPROVED AND CERTIFIED PER CEC 2-5314 (b).
- ALL LAMPS PROVIDED WITH DIMMING BALLASTS SHALL HAVE DIMMING SWITCHES PROVIDED FOR CONTROL
- ALL MOUNTING HEIGHTS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS.
- EXIT SIGNS SHALL NOT BE USED AS JUNCTION BOXES.
- GENERAL LIGHTING OVERDRIVE SWITCH SHALL OPERATE FOR A MAXIMUM OF 2 HOURS
- ALL LIGHTING CONTROL EQUIPMENT SHALL BE APPROVED BY THE CALIFORNIA ENERGY COMMISSION AND BE LISTED IN THE APPLIANCE EFFICIENCY DATABASE (TO INCLUDE TIMECLOCKS, PHOTOSENSORS ETC.)

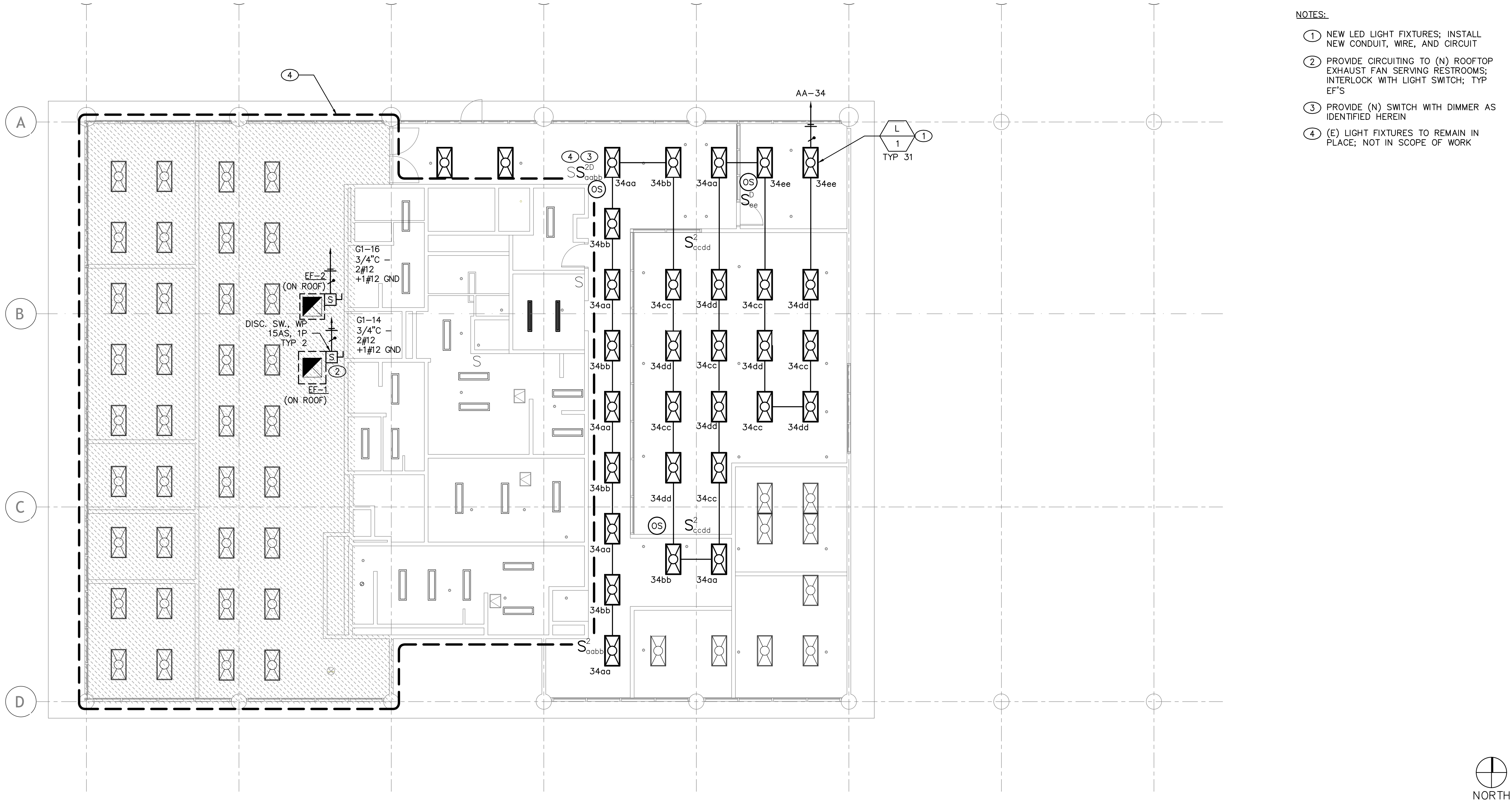


RENOVATION FIRST FLOOR LIGHTING PLAN

SYMBOL	TYPE	DESCRIPTION	TOTAL A		LAMP		V/PH	BALLAST	REMARKS
			NO.	V-A	TYPE				
		HE WILLIAMS 2'x4' TROFFER LED ATS-24-140/835-D	34.2	1	34.2	LED	120/1	STANDARD	LAY-IN TROFFER MOUNTED
		ALCON 8' LINEAR SUSPEND MOUNT LED 12100-40-P	54	1	54	LED	120/1	DIMMING	SUSPENDED MOUNT; PROVIDE 1-10V DIMMING BALLAST
		ALCON 6' LINEAR SURFACE MOUNT LED 12100-40-S	40.5	1	40.5	LED	120/1	DIMMING	SURFACE MOUNT; PROVIDE 1-10V DIMMING BALLAST
		ALCON 4' LINEAR RECESSED MOUNT LED 12100-40-S	27	1	27	LED	120/1	DIMMING	RECESSED MOUNT; PROVIDE 1-10V DIMMING BALLAST
		ALCON 4' LINEAR SURFACE MOUNT LED 12100-40-S	27	1	27	LED	120/1	DIMMING	SURFACE MOUNT; PROVIDE 1-10V DIMMING BALLAST
		ALCON 6" RECESSED DOWNLIGHT LED 14008-6-R	10	1	10	LED	120/1	DIMMING	RECESSED MOUNT; PROVIDE 1-10V DIMMING BALLAST

NOTES:

- ALL FIXTURE BALLASTS SHALL BE U.L. APPROVED AND CERTIFIED PER CEC 2-5314 (b).
- ALL LAMPS PROVIDED WITH DIMMING BALLASTS SHALL HAVE DIMMING SWITCHES PROVIDED FOR CONTROL
- ALL MOUNTING HEIGHTS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS.
- EXIT SIGNS SHALL NOT BE USED AS UNCTION BOXES.
- GENERAL LIGHTING OVERRIDE SWITCH SHALL OPERATE FOR A MAXIMUM OF 2 HOURS
- ALL LIGHTING CONTROL EQUIPMENT SHALL BE APPROVED BY THE CALIFORNIA ENERGY COMMISSION AND BE LISTED IN THE APPLIANCE EFFICIENCY DATABASE (TO INCLUDE TIMECLOCKS, PHOTOSENSORS ETC.)



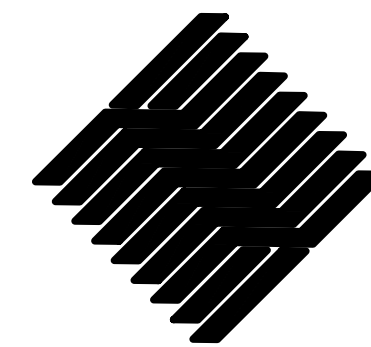
RENOVATION SECOND FLOOR LIGHTING PLAN

NOTES:

- ① NEW LED LIGHT FIXTURES; INSTALL NEW CONDUIT, WIRE, AND CIRCUIT
- ② PROVIDE (N) AUTOMATIC DAYLIGHTING CONTROLS, TO INCLUDE SWITCHING; CONNECT TO BALLAST DIMMING CONTROL INPUT; TYP ALL LIGHTS IN PRIMARY DAYLIT AREA FOR AUTOMATIC DIMMING
- ③ PROVIDE (N) SWITCH WITH DIMMER AND OCCUPANCY SENSOR AS IDENTIFIED HEREIN
- ④ (E) LIGHT FIXTURES TO REMAIN IN PLACE; NOT IN SCOPE OF WORK
- ⑤ PROVIDE CIRCUITING TO (N) CABINET EXHAUST FAN SERVING RESTROOMS;

Architecture
Interiors
Planning

BOA



1511 Cota Ave. Long Beach, CA 90813 Tel. 562-912-7900

TORRANCE TRANSIT FACILITY

20500 MADRONA AVE, TORRANCE, CA 90503

SCALE: 1/8"=1'-0"

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Designer:	KY
CAD Draft:	RT
Architect:	ELN
Engineer:	KMF
Client:	Client Name
Date Issued:	Issue Date
Job Number:	Project Number

Client:

Consultant:

- RENOVATION LIGHTING PLAN

E2.4

SCALE: 1/8"=1'-0"

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(E) PANEL B LOCATION: 101 - WAREHOUSE MOUNTING: SURFACE										VOLTAGE/PHASE: 208/120V, 3ø, 4W BUS AMPS: 225A MAIN BREAKER: MCB										FEED FROM: XMM1 T-2 10 KAIC									
		OUTLETS			VOLT AMPS			BKR/POLE			VOLT AMPS			OUTLETS			SEE NOTE												
LOADS	SEE NOTE	MISC	REC	LTO	A	B	C	OKT	ABC	ABC	OKT	A	B	C	MISC	REC	LTO	SEE NOTE	LOADS										
LOUNGE & WELD	E				1080			1	20/1	20/1	2	720						E	STRG & UPHOLSTR										
LOUNGE & WELD	E					900		3	20/1	20/1	4	720						E	STRG & UPHOLSTR										
CTRL RM: A/C	E							5	20/1	20/1	6							E	UPHOLSTRY										
SHOP OUTLET	E				1080			7	20/1	20/1	8	1140						E	EDF STORAGE										
SHOP OUTLET	E					900		9	20/1	20/1	10	828						E	1/3HP EF-C										
SHOP OUTLET	E					720		11	20/1	20/1	12	667						E	RECEPTACLES										
RCPT	E				1000			13	20/1	20/1	14	540						E	IGNITION ON HEATERS										
RCPT	E							15	20/1	20/1	16	540						E	IGNITION ON HEATERS										
A/C COND. GYM	E							17	60	20/1	2	18						E	COPIER										
	E							19	2	20/1	20	1000						E	COPIER										
AHU - GYM	E							21	20	20/1	22							E	SPARE										
	E							23	2	20/1	20/1	24						E	SPARE										
SPACE	E							25	2	20/1	20/1	26						E	(E) PANEL A										
SPACE	E							27	2	20/1	20/1	28						E											
TRAINING RM	E							29	30	20/1	3	30						E	SPARE										
	E							31	2	20/1	20/1	32						E	SPARE										
SPACE	E							33	2	20/1	20/1	34						E	SPARE										
SPACE	E							35	20/1	20/1	36							E	SPARE										
PANEL TOTAL:					3160	2800	1800	SUB-TOTAL			3400	2088	1927																
					VA	LM	VA	0008V 3ø =			42.1																		
15175					+	-	+																						

(E) PANEL A										VOLTAGE/PHASE: 208/120, 3ø, 4W										FEED FROM: PNL B									
LOCATION: 2ND FLR ELEC ROOM										BUS AMPS: 100A										10 KAIC									
MOUNTING: SURFACE										MAIN BREAKER: MLO																			
		OUTLETS				VOLT AMPS				BKR/POLE				VOLT AMPS				OUTLETS				SEE NOTE							
LOADS	SEE NOTE	MISC	REC	LTC	A	B	C	OKT	ABC	ABC	POLE	OKT	A	B	C	MISC	REC	LTC	SEE NOTE	LOADS									
(E) CIRCUIT	E				-	-	-	1	50	20/1	2	900							E	OFFICES									
-					-	-	-	3	20/1	20/1	4	1080							E <th>OFFICES</th>	OFFICES									
-					-	-	-	5	3	20/1	20/1	6							E <th>(E) CIRCUIT</th>	(E) CIRCUIT									
DRIVERS LOUNGE	E				1140			7	20/1	20/1	8								E <th>WH-A</th>	WH-A									
LOUNGE	E					900		9	20/1	20/1	10	1800							E <th>CONTROLS</th>	CONTROLS									
LOUNGE	E					720		11	20/1	20/1	12	360							E <th>PROTECTION SCREEN</th>	PROTECTION SCREEN									
WENDING	E					780		13	20/1	20/1	14	500							E <th>TOILETS BR GFCI'S</th>	TOILETS BR GFCI'S									
WENDING	E					1200		15	20/1	20/1	16	900							E <th>LOUNGE RCPT</th>	LOUNGE RCPT									
WENDING	E					600		17	20/1	20/1	18	720							E <th>KITCHEN UNIT</th>	KITCHEN UNIT									
RR GFD AREA RCPT	E				1000			19	20/1	20/1	20	3050							E <th>SPARE</th>	SPARE									
SPACE	E							21	20/1	20/1	22	3050							E <th>SPARE</th>	SPARE									
EF-B	E						700	23	20/1	20/1	24								E <th>SPARE</th>	SPARE									
DISPOSAL	E				1000			25	20/1	20/1	26								E <th>SPARE</th>	SPARE									
SPARE	E							27	20/1	20/1	28								E <th>SPARE</th>	SPARE									
SPARE	E							29	20/1	20/1	30								E <th>SPARE</th>	SPARE									
PANEL TOTAL:					3620	2100	2020	SUB-TOTAL				4450	6830	1080															
					VA	LM	VA	0008V 3ø =				56.6																	
20400					+	-	+																						

(E) PANEL G LOCATION: 2ND FLR ELEC ROOM MOUNTING: SURFACE										VOLTAGE/PHASE: 208/120, 3ø, 4W BUS AMPS: 225A MAIN BREAKER: MCB										FEED FROM: XMM1 T-4 10 KAIC									
LOADS		SEE NOTE	MISC	REC	LTO	VOLT AMPS			BKR/POLE	ABC	ABC	OKT	VOLT AMPS			OUTLETS	MISC	REC	LTO	SEE NOTE	LOADS								
						A	B	C	OKT	A	B	C	OKT	A	B	C													
FURN--OPEN OFFICE						1000			3	20/1	20/1	4									FURN--OPEN OFFICE								
FURN--OPEN OFFICE							1000		5	20/1	20/1	6				1000					FURN--OPEN OFFICE								
FURN--OPEN OFFICE						1000			7	20/1	20/1	8			1000						FURN--OPEN OFFICE								
HOT GARAGE DISPL									9	20/1	20/1	10			3563						WATER HEATER G/F								
KITCHEN GFCI RCPT						1080			11	20/1	20/1	12			3563						--								
COFFEE REFRIGERATOR							1000		13	20/1	20/1	14		360							CONV. OUTLET								
COFFEE MICROWAVE						1500			15	20/1	20/1	16		1500							HAND DRYER - W.								
2F RESTROOM EF						1000			17	20/1	20/1	18		1500							TV MONITOR								
2F KIT RCPT/MICROWAVE						1380			19	20/1	20/1	20		540							NO. 8 ALL-SCANNER								
2F REFRIGERATOR							840		21	20/1	20/1	22		1000							2F WORKSTATION								
2F REFRIGERATOR									23	20/1	20/1	24		1200							2F OFFICE RCPT								
2F WORKSTATION/RCPT									25	20/1	20/1	26		360							2F WORKSTATION								
2F WORKSTATION/RCPT						720			27	20/1	20/1	28		1200							2F WORKSTATION/RCPT								
2F WORKSTATION						1200			29	20/1	20/1	30		720							2F LANDING RCPT								
2F WORKSTATION/RCPT									31	20/1	20/1	32		180							SPACE								
2F WORKSTATION/RCPT						720			33	20/1	20/1	34		--							SPACE								
COPIER/PRINTER						1200			35	20/1	20/1	36		--							(N) PANEL G1								
2F WORKSTATION						1200			37	20/1	20/1	38		4380							--								
2F OFFICE RCPT						360			39	20/1	20/1	40		3540							--								
2F WORKSTATION/RCPT						1200			41	20/1	20/1	42		2380							--								
PANEL TOTAL:					7240	6180	7540	SUB-TOTAL			7820			11803	10363														
50946					+	-	+	VA			0008V 3ø =			141.4			AMPS												

* PROVIDE (N) BREAKER AND CIRCUITING TO (N) EQUIPMENT, LIGHTING, RECEPTACLES, ANCILLARIES AS IDENTIFIED HEREIN

(E) PANEL EE										VOLTAGE/PHASE: 480/277V, 3ø, 4W										FEED FROM: MTS-1									
LOCATION: 101 - WAREHOUSE										BUS AMPS: 225A										14 KAIC									
MOUNTING: SURFACE										MAIN BREAKER: MLO																			
		OUTLETS			VOLT AMPS			BKR/POLE			VOLT AMPS			OUTLETS			SEE NOTE												
LOADS	SEE NOTE	MISC	REC	LTO	A	B	C	OKT	ABC	ABC	OKT	A	B	C	MISC	REC	LTO	SEE NOTE											
SERVICE BAYS	E				-	-	-	1	20/1	20/1	2	-						E FIRST FLOOR LTS											
SERVICE BAYS	E				-	-	-	3	20/1	20/1	4	-						E SECOND FLOOR LTS											
SERVICE BAYS	E				-	-	-	5	20/1	20/1	6	-						E STAR LTS											
SERVICE BAYS	E				-	-	-	7	20/1	20/1	8	-						E 2HPX4 MOTORS											
SPARE	E				-	-	-	9	20/1	20/1	10	-						E											
SPARE	E				-	-	-	11	20/1	20/1	12	-						E											
2HPX4 MOTORS	E				-	-	-	13	20	20/1	32	-						E BUS LIFT - 10HP -											
	E				-	-	-	15	20	20/1	32	-						E											
	E				-	-	-	17	20	20/1	32	-						E											
PORTABLE HOSTS	E				-	-	-	19	20	20/1	32	-						E CONVENIENCE PLUG -											
	E				-	-	-	21	20	20/1	32	-						E											
	E				-	-	-	23	3	20/1	3	24						E											
15 HP AIR COMPR.	E				-	-	-	25	30	20/1	100	25						E PANEL EEB											
	E				-	-	-	27	20	20/1	32	28						E											
	E				-	-	-	29	3	20/1	3	30						E											
2HPX3 MOTORS	E				-	-	-	31	20	20/1	30	32						E SPARE											
	E				-	-	-	33	20	20/1	30	34						E											
	E				-	-	-	35	20	20/1	30	36						E											
TRNGT WELDER	E				-	-	-	37	20	20/1	30	38						E PANEL E											
	E				-	-	-	39	20	20/1	30	40						E											
	E				-	-	-	41	3	20/1	3	42						E											
										SUB-TOTAL																			
PANEL TOTAL		+ LCL		+ LM		= VA		= AMPS		### ### ###																			
###		###		###		###		9450 3ø =																					

AIR CONDITIONING UNIT

MARK	MFG# & MODEL	LOCATION	SERVICE	TYPE	SUPPLY FAN					ELECTRICAL		COOLING					REFRIGERANT		HEATING			FILTERS SIZE (IN) ...QTY	OSA CFM	OPER WT LBS	REMARKS
					AIRFLOW CFM	TSP *WC	RPM	BHP	HP	FLA MCA MOCP	V/PH	AMB °F	EDB/LEW LDB/LWB °F	SENS MBH	TOT MBH	EER @ ARI	TYPE	CHARGE	INPUT MBH	OUTPUT MBH	AFUE %				
AC-A	CARRIER 50AK027D611	ROOFTOP	-	RTU	10800	0.4	801	8.24	15	- 89 100	460/3	95	67	270	300	9	R-22	25.2 LBS	-	-	-	20x25x2 ...4	2160	4873	EXISTING; REFIT SUPPLY AIR AND RETURN AIR SERVICE FOR SPACE RECONFIGURATION
AC-B	CARRIER 48HJD008	ROOFTOP	OFFICE SPACE	RTU	3000	1	1003	3.17	-	- 19.2 25	460/3	95	67	67.2	92.9	11	R-22	16 LBS	125	102.5	82	16x20x2 ...4	350	1148	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY

FAN COIL

MARK	MFR & MODEL	CU SERVICE	TYPE	SERVICE	LOCATION	SUPPLY FAN			COOLING CAPACITY			HEATING CAPACITY			CONNECTIONS-IN		ELECTRICAL		OPER WT LBS	REMARKS
						CFM	ESP INCHES	FAN BHP	CAPACITY NOMINAL TONS	AMBIENT °F	EER2 (SEER2)	CAPACITY NOMINAL MBH	AMBIENT °F	COF	RS INCH	RL INCH	FLA MCA MOP	V / PH		
FC-1	CARRIER FTSANBD60	CU-1	CEILING DUCTED	STORAGE	CEILING	2000	0.5	—	5	95	12.5 (15.2)	57.6	47	3.76	7/8"	3/8"	5.7 7.1 15	208/1	203	FURNISH WITH WIRED THERMOSTAT AND ECONOMIZER CONTROLS, SERVICE SWITCH FOR CONDENSATE OVERFLOW, REMOTE ECONOMIZER HARDWARE, CONDENSATE PUMP

CONDENSING UNIT

MARK	MFR & MODEL	FC SERVICE	TYPE	SERVICE	LOCATION	COOLING CAPACITY			HEATING CAPACITY			CONNECTIONS-IN		ELECTRICAL		REFRIGERANT		OPER WT LBS	REMARKS
						CAPACITY NOMINAL TONS	AMBIENT °F	EER2 (SEER2)	CAPACITY NOMINAL MBH	AMBIENT °F	COP	RS INCH	RL INCH	FLA MCA MOCP	V / PH	TYP	CHARGE		
CU-1	CARRIER 27SCA560	FC-1	HP	STORAGE	ON GRADE	5	95	12.5 (15.2)	57.6	47	3.76	7/8"	3/8"	25.2 31.1 50	208/1	R-454B	8.7 LBS	234	FURNISH WITH VFD COMPRESSOR, ANTI SHORT CYCLE TIMER, CRANKCASE HEATER, LIQUID-LINE REFRIGERANT DRYER, MICROPROCESSOR-BASED CONTROLS, LOW VOLTAGE CIRCUIT PROTECTION, HIGH AND LOW PRESSURE CONTROL, COMPRESSOR DISCHARGE TEMPERATURE LIMIT, CORROSION RESISTANT COIL COATING, CABINET TREATMENT FOR COASTAL CONDITIONS

BOILER

MARK	MFG# & MODEL	LOCATION	SERVICE	TYPE	CAPACITY		WATER					CONNECT			EFFICIENCY		ELECTRICAL			BLOWER HP	OPER WT LBS.	REMARKS
					MAX INPUT MBTU/h	OUTPUT MBTU/h	GPM	DIFF PRESS (FT)	EWI (°F)	LWT (°F)	MAX TEMP	GAS INLET INCHES	COMBUSTION AIR	EXHAUST INCHES	%	NOx PPM	V/PH	HZ	AMPS			
B-A	HI-DELTA -	ROOFTOP	HEATING HOT WATER PLANT	DIRECT VENT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY

VAV BOXES

MARK	MFR & MODEL	LOCATION / SERVICE	TYPE	INLET SIZE (IN)	MAX CFM	MIN CFM	AIR			HEATING COIL				ROWS	REMARKS
							MIN. HTG. (MBH)	EAT (°F)	LAT (°F)	GPM	EWI (°F)	LWT (°F)	MAX PD (FT)		
VAV-1	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	1000	300	10.4	58	90	1.0	180	155	-	-	EXISTING; MODIFY AIR BALANCE SERVICES FOR SPACE RECONFIGURATION
VAV-2	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	800	240	8.3	58	90	0.8	180	155	-	-	EXISTING; MODIFY AIR BALANCE SERVICES FOR SPACE RECONFIGURATION
VAV-3	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; MAINTAIN SUPPLY AND RETURN AIR SERVICES
VAV-4	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; MAINTAIN SUPPLY AND RETURN AIR SERVICES
VAV-5	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	500	150	5.2	58	90	0.5	180	155	-	-	EXISTING;MODIFY AIR BALANCE SERVICES FOR SPACE RECONFIGURATION
VAV-6	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; MAINTAIN SUPPLY AND RETURN AIR SERVICES
VAV-7	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK
VAV-8	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK
VAV-9	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK
VAV-10	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK
VAV-11	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK
VAV-12	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK
VAV-13	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK
VAV-14	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK
VAV-15	-	CEILING	SINGLE DUCT VAV W/ HHW REHEAT	-	-	-	-	-	-	-	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY NOT IN SCOPE OF WORK

EXHAUST FAN

MARK	MFR AND MODEL	LOCATION	SERVICE	TYPE	FAN				MOTOR			SONES	OPER WT LBS	REMARKS
					AIRFLOW CFM	ESP "WC	BHP (W)	RPM	HP WATTS	V/PH	RPM			
EF-1	GREENHECK LB-21-5	ROOF	LOCKER ROOM REST ROOM	CENTRIFUGAL ROOF	3500	0.3	0.45	699	1/2	120/1	699	9.5	200	FURNISH WITH BACK DRAFT DAMPER; ANODIZED GRILLE, DISCONNECT, ROOF CURB AND INSECT SCREEN
EF-2	GREENHECK LB-18-4	ROOF	REST ROOM GYM	CENTRIFUGAL ROOF	2000	0.47	0.114	755	1/4	120/1	755	6.6	190	FURNISH WITH BACK DRAFT DAMPER; ANODIZED GRILLE, DISCONNECT, ROOF CURB AND INSECT SCREEN
EF-3	COOK GC-166	1ST FLOOR RESTROOM	1ST FLOOR RESTROOM	CABINET FAN	145	0.25	(47)	1600	FRAC	120/1	1100	3.0	15	FURNISH WITH BACK DRAFT DAMPER; ANODIZED GRILLE, DISCONNECT, INSECT SCREEN
EF-4	COOK GC-166	1ST FLOOR RESTROOM	1ST FLOOR RESTROOM	CABINET FAN	145	0.25	(47)	1600	FRAC	120/1	1100	3.0	15	FURNISH WITH BACK DRAFT DAMPER; ANODIZED GRILLE, DISCONNECT, INSECT SCREEN

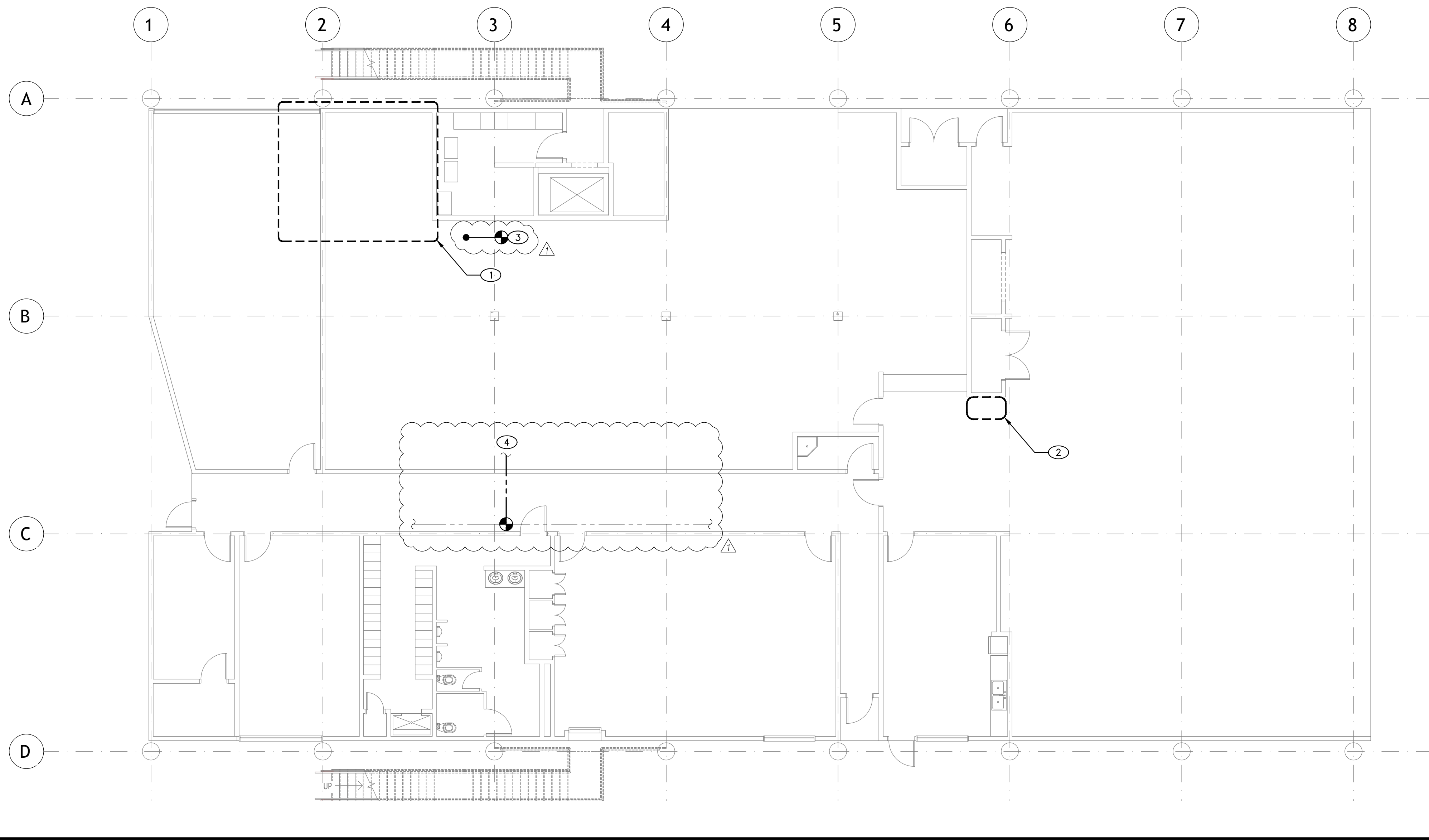
DIFFUSERS, REGISTERS & GRILLES

MARK	MFGR AND MODEL	LOCATION	SERVICE	MOUNTING TYPE	MATERIAL	FRONT BLADES	OPPOSED BLADE DAMPER	REMARKS
CD-A	KRUEGER MCD	OFFICE SPACE	CEILING DIFFUSER	LAY IN TEE BAR	STEEL	MODULAR CORE	YES	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY
CD-1	TITUS TDC	OFFICE SPACE	CEILING DIFFUSER	LAY IN TEE BAR	STEEL	MODULAR CORE	YES	FURNISH IN WHITE, WITH OBD
CD-2	TITUS MCD	BREAK ROOM	CEILING DIFFUSER	FLANGED EXPOSED	STEEL	MODULAR CORE	YES	FURNISH IN WHITE, WITH OBD
RG-1	TITUS 300 RL	DISPATCH	RETURN GRILLE	EXPOSED	STEEL	EGGCRATE	NO	FURNISH IN WHITE
RG-2	TITUS EG	OFFICE SPACE	RETURN GRILLE	LAY IN TEE BAR	STEEL	EGGCRATE	NO	FURNISH IN WHITE
ER-A	KRUEGER EGS	RESTROOM LOCKERROOM	EXHAUST AIR	SURFACE MOUNT	STEEL	EGGCRATE	NO	EXISTING; IDENTIFIED HEREIN FOR REFERENCE ONLY

ZONE DAMPER

MARK	ASSOCIATED AC	ROOM TAG	SERVICE	LOCATION	MFGR & MODEL	SIZE	MAXIMUM CFM	MINIMUM CFM	REMARKS
ZD-1	-	-	ZONE DAMPER	CEILING	-	-	-	-	EXISTING; IDENTIFIED HEREIN FOR REFERENCING ONLY

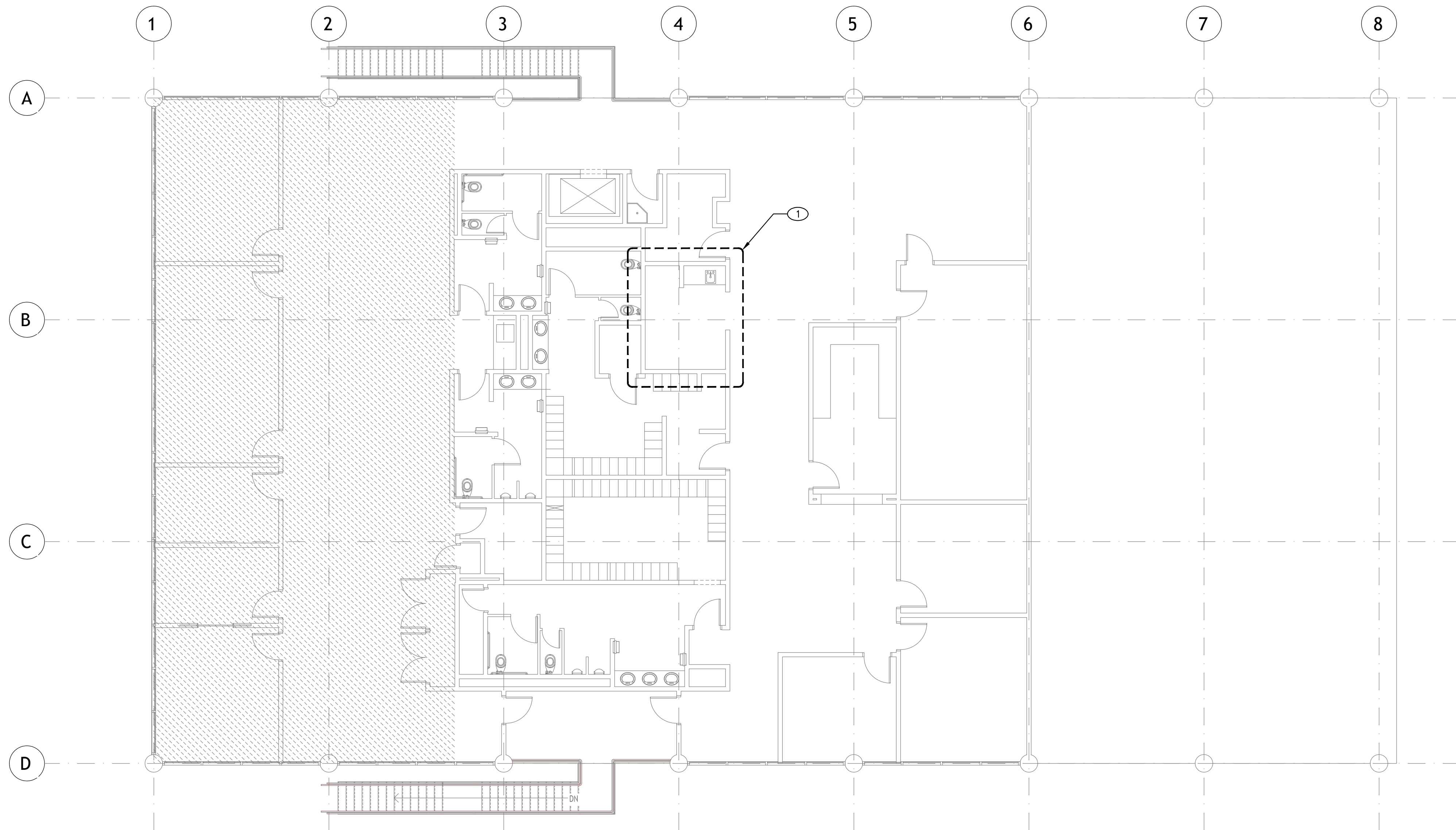
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- NOTES:
- 1 PREPARE AREA FOR NEW RESTROOMS AND BREAK ROOM
 - 2 DEMO (E) WATER FOUNTAIN; DISCONNECT WASTE, CW AND PREPARE FOR RECONNECTION OF NEW FIXTURE WITH BOTTLE FILLER
 - 3 PREPARE CW SERVICE FOR TAP, EXTENSION TO (N) POINTS OF USE; SEE SHEET P2.2
 - 4 PREPARE DHW SERVICE FOR TAP, EXTENSION TO (N) POINTS OF USE; SEE SHEET P2.2

DEMO FIRST FLOOR PLAN

SCALE: 1/8"=1'-0"



- NOTES:
- 1 DEMO (E) SINK; DISCONNECT WASTE, CW, DHW AND PREPARE FOR RECONNECTION OF NEW FIXTURE

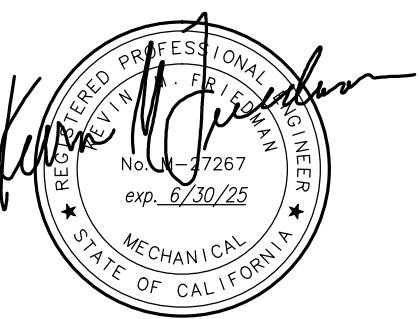
DEMO SECOND FLOOR PLAN

SCALE: 1/8"=1'-0"

DATE	BY	CHK
10/22/24	BO	BO
NO REVISIONS FOR DOCUMENTING		

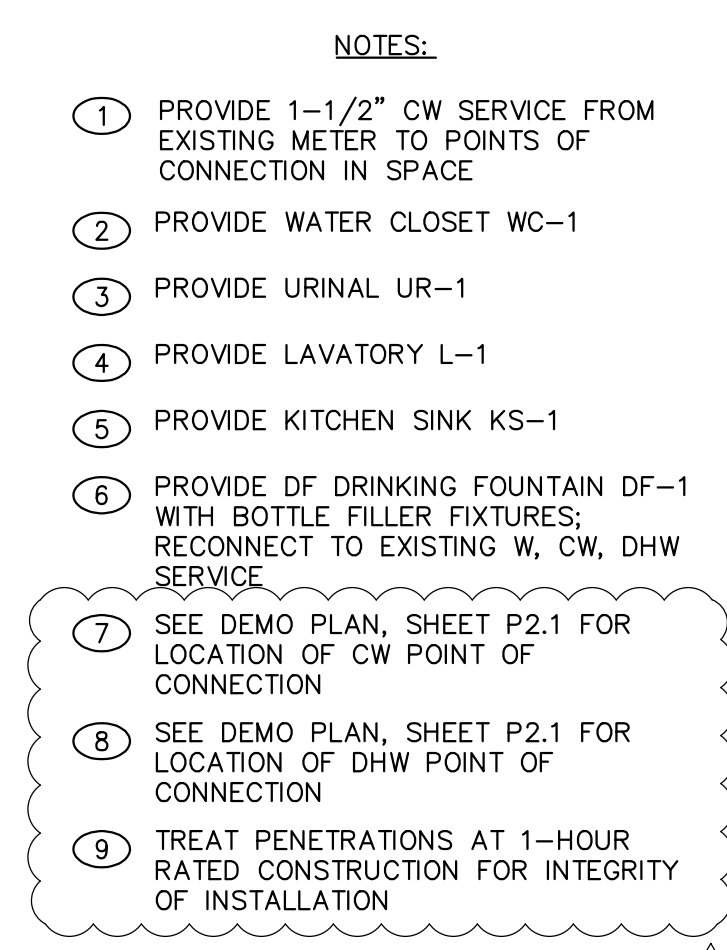
Designer: KY
CAD Draft: RT
Architect: EUN
Engineer: KMF
Client: Client Name
Date Issue: Issue Date
Job Number: Project Number

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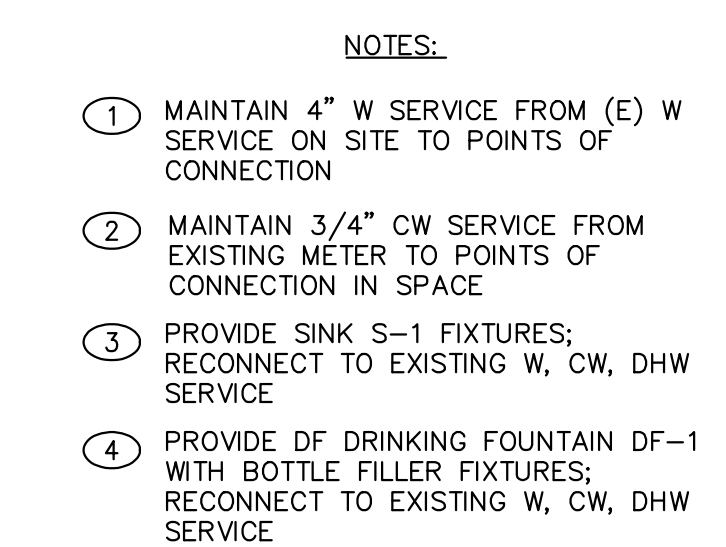


DEMO FLOOR PLAN

- RENO ENLARGED FIRST FLOOR PLAN – WASTE



RENO ENLARGED FIRST FLOOR PLAN - HOT & COLD WATER



RENO ENLARGED SECOND FLOOR PLAN