

ABBREVIATIONS			
(SOME ABBREVIATIONS MAY NOT BE USED ON DRAWINGS)			
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A or AMP	AMPERES	MECH	MECHANICAL
AC	ALTERNATING CURRENT	MH	MANHOLE
A/C	AIR CONDITIONING	MIN	MINIMUM
AIC	AMPERE INTERRUPTING CAPACITY	MLO	MAIN LUGS ONLY
AL	ALUMINUM	MOP, MOCP	MAXIMUM OVERCURRENT PROTECTION
ARCH	ARCHITECTURAL	MTD	MOUNTED
ATC	AUTOMATIC TEMPERATURE CONTROL	MTG	MOUNTING
ATS	AUTOMATIC TRANSFER SWITCH	NC	NORMALLY CLOSED
AWG	AMERICAN WIRE GAUGE	N, NEUT	NEUTRAL
BIL	BASIC IMPULSE LEVEL	NIC	NOT IN CONTRACT
BKR	BREAKER	NO	NORMALLY OPEN
BLDG	BUILDING	NTS	NOT TO SCALE
C	CONDUIT	OC	ON CENTER
C.O.	CONDUIT ONLY	OD	OUTSIDE DIAMETER
°C	DEGREES CELSIUS	OH	OVERHEAD
CB	CIRCUIT BREAKER	PA	PUBLIC ADDRESS
CCTV	CLOSED CIRCUIT TELEVISION	PB	PULLBOX
CFM	CUBIC FEET PER MINUTE	PF	POWER FACTOR
CKT	CIRCUIT	ø or PH	PHASE
CL	CENTER LINE	PNL	PANEL
CLG	CEILING	PR	PAIR
CONC	CONCRETE	PRI	PRIMARY
CT	CURRENT TRANSFORMER	PT	POTENTIAL TRANSFORMER
CU	COPPER	PVC	POLYVINYL CHLORIDE
CW	COLD WATER	RECPT	RECEPTACLE
BD	DECIBELS	REQ	REQUIRED
DC	DIRECT CURRENT	RF	RADIO FREQUENCY
DIA	DIAMETER	RM	ROOM
DIV	DIVISION	RMS	ROOT MEAN SQUARE
DPDT	DOUBLE POLE, DOUBLE THROW	SEC	SECONDARY
DPST	DOUBLE POLE, SINGLE THROW	SHT	SHEET
DWG	DRAWING	SMR	SURFACE METAL RACEWAY
EGC	EQUIPMENT GROUND CONDUCTOR	SN	SOLID NEUTRAL
ELEC	ELECTRIC	SP	SINGLE POLE
EMT	ELECTRICAL METALLIC TUBING	SPD	SURGE PROTECTIVE DEVICE
EXST, (E)	EXISTING	SPDT	SINGLE POLE, DOUBLE THROW
EV	ELECTRIC VEHICLE	SPST	SINGLE POLE, SINGLE THROW
°F	DEGREES FAHRENHEIT	SS	STAINLESS STEEL
FA	FIRE ALARM	STD	STANDARD
FC	FOOTCANDLE	SW	SWITCH
FLA	FULL LOAD AMPS	SWBD	SWITCHBOARD
FLEX	FLEXIBLE CONDUIT	TEL	TELEPHONE
GALV	GALVANIZED	TV	TELEVISION
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TTB	TELECOMMUNICATIONS TERMINAL BOARD
GND	GROUND	TYP	TYPICAL
H-O-A	HAND – OFF – AUTO	UL	UNDERWRITERS LABORATORY
HP	HORSEPOWER	UF	UNDERFLOOR
HPF	HIGH POWER FACTOR	UG	UNDERGROUND
H & V	HEATING AND VENTILATION	V	VOLTS
HVAC	HEATING, VENTILATION & AIR CONDITIONING	VA	VOLT AMPERES
HZ	HERTZ	VAC	VOLTS ALTERNATING CURRENT
IDF	INTERMEDIATE DISTRIBUTION FRAME	VAR	REACTIVE VOLT AMPERES
J-BOX	JUNCTION BOX	VAV	VARIABLE AIR VOLUME
KV	KILOVOLTS	VD	VOLTAGE DROP
KVA	KILOVOLT AMPERES	VDC	VOLTS DIRECT CURRENT
KVAR	REACTIVE KILOVOLT AMPERES	VFD	VARIABLE FREQUENCY DRIVE
KW	KILOWATTS	VT	VAPORTIGHT
KWH	KILOWATT HOURS	W	WATTS
LT	LIGHT	WP	WEATHERPROOF
LTG	LIGHTING	/W	WITH
MAX	MAXIMUM	W/O	WITHOUT
MCA	MINIMUM CIRCUIT AMPS	XFER	TRANSFER
MCB	MAIN CIRCUIT BREAKER	XFMR	TRANSFORMER
MCC	MOTOR CONTROL CENTER	XLP	CROSS-LINKED POLYETHYLENE
MCM, KCM	THOUSAND CIRCULAR MILS	XP	EXPLOSION PROOF
MDF	MAIN DISTRIBUTION FRAME	Z	IMPEDANCE

ELECTRICAL LEGEND	
(SOME SYMBOLS MAY NOT BE USED ON DRAWINGS)	
SYMBOL	DESCRIPTION
200–4–G	FEEDER CALLOUT X–Y–Z. SEE SCHEDULE.
200/150–3P	DEVICE SIZE / FUSE OR TRIP RATING – No. OF POLES
	SCHEDULED EQUIPMENT CONNECTION (INCLUDE ALL WIRING, DISCONNECTING MEANS, CONTROL AND OTHER REQUIREMENTS SCHEDULED)
	DETAIL SYMBOL: # – IDENTIFYING NUMBER B – SHEET WHERE DETAIL TAKEN C – SHEET WHERE DETAIL SHOWN
	BUBBLE NOTE TAG SYMBOL: # – IDENTIFYING NUMBER
	STRIP LUMINAIRE (LENGTH TO SCALE)
	SURFACE FIXTURE – ROUND
	SURFACE FIXTURE – WALL
	SURFACE MOUNT LUMINAIRE
	LUMINAIRE WITH EMERGENCY LIGHTING UNIT
	PENDANT LIGHT FIXTURE
	COMBINATION EXIT SIGN AND TWIN HEAD EMERGENCY LIGHTING UNIT
S	SINGLE POLE TOGGLE SWITCH
\$	DIGITAL SWITCH STATION
\$WP, S3	SWITCH SUBSCRIPTS: 2 DOUBLE POLE 3 THREE WAY 4 FOUR WAY D DIMMER EP EXPLOSION PROOF K KEY OPERATED LV LOW VOLTAGE LVM LOW VOLTAGE MASTER M MANUAL MOTOR STARTER W/OVERLOADS MC MOMENTARY CONTACT P SWITCH W/PILOT LIGHT T TIMER WP WEATHERPROOF a, b, c MULTIGANG SWITCH STATION
	OCCUPANCY SENSOR – CEILING MOUNT
	DAYLIGHT SENSOR
	DISCONNECT SWITCH
	GFCI DUPLEX RECEPTACLE (NEMA 5–20R)
	SUBSCRIPT "C" INDICATES CEILING MOUNTED OUTLET (DUPLEX RECEPTACLE SHOWN)
	SPLIT WIRED RECEPTACLE, 1/2 OF RECEPTACLE IS CONTROLLED BY OCCUPANCY SENSOR
	EQUIPMENT CONNECTION
	ELECTRIC VEHICLE CHARGER
	DATA OUTLET WITH BLANK DEVICE PLATE (ROUGH-IN ONLY)
	CIRCUIT BREAKER
	GROUND ELECTRODE SYSTEM
	UTILITY COMPANY METER
	WIRING CONCEALED UNDERGROUND OR BELOW FLOOR
	WIRING HOMERUN
	ELECTRICAL PANEL

GENERAL ELECTRICAL NOTES:

1. BRANCH CIRCUIT NOTES:
- A. VERIFY BRANCH CIRCUIT WIRE COUNT BEFORE PULLING CONDUCTORS. PROVIDE REQUIRED CONDUCTORS TO EACH OUTLET AND DEVICE FOR PHASE, NEUTRAL AND EQUIPMENT GROUND BASED ON CIRCUIT DESIGNATIONS SHOWN AND AS OTHERWISE INDICATED ON PLANS OR NOTED BELOW.

B. MINIMUM BRANCH CIRCUIT CONDUCTOR SIZE FOR OUTDOOR AND EXTERIOR BUILDING LIGHTING SHALL BE MINIMUM NO. #10 AWG. PROVIDE LARGER SIZE FEEDER PER CODE WHERE EQUIPMENT MCA EXCEEDS 30 AMPS.

C. HOMERUNS LONGER THAN 75 FEET OF CONDUCTOR LENGTH TO THE FIRST DEVICE SHALL BE NO. #10 AWG.

D. PROVIDE SEPARATE NEUTRAL CONDUCTOR FOR BRANCH CIRCUITS SERVING RECEPTACLE OUTLETS UNLESS OTHERWISE INDICATED.
3. MINIMUM CONDUIT SIZE FOR HOMERUNS AND FOR CONDUIT INSTALLED BELOW GRADE OUTDOORS SHALL BE 3/4 INCH.
4. LIGHTING, POWER SHALL NOT BE COMBINED IN THE SAME RACEWAY UNLESS NOTED OTHERWISE.
5. SEAL RACEWAYS AND SLEEVES WHERE PASSING FROM INTERIOR BUILDING TO EXTERIOR OR TO COLD STORAGE LOCATIONS, AND WHERE SUBJECTED TO DIFFERENT TEMPERATURES BETWEEN LOCATIONS.

ENERGY CODE COMPLIANCE NOTES FOR ELECTRICAL POWER AND LIGHTING

1. MANUAL LIGHTING CONTROL: PROVIDE WITH MANUAL LIGHTING CONTROL AS INDICATED.
2. OCCUPANCY SENSORS: PROVIDE OCCUPANCY SENSORS AS INDICATED.
3. EXTERIOR LIGHTING CONTROL: PROVIDE AUTOMATIC CONTROL OF EXTERIOR LIGHTING USING PHOTOSENSOR.

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01-29-2024

PROJECT

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GRAHAM OFFICES
2120 MERIDIAN AVE E, GRAHAM, WA

REVISIONS

Rev#	Date	Description
22125	01/01/20	

INFO

Rev#	Date	Project Number	File Name
22125	01/01/20	consejo	graham

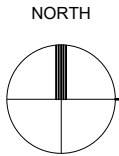
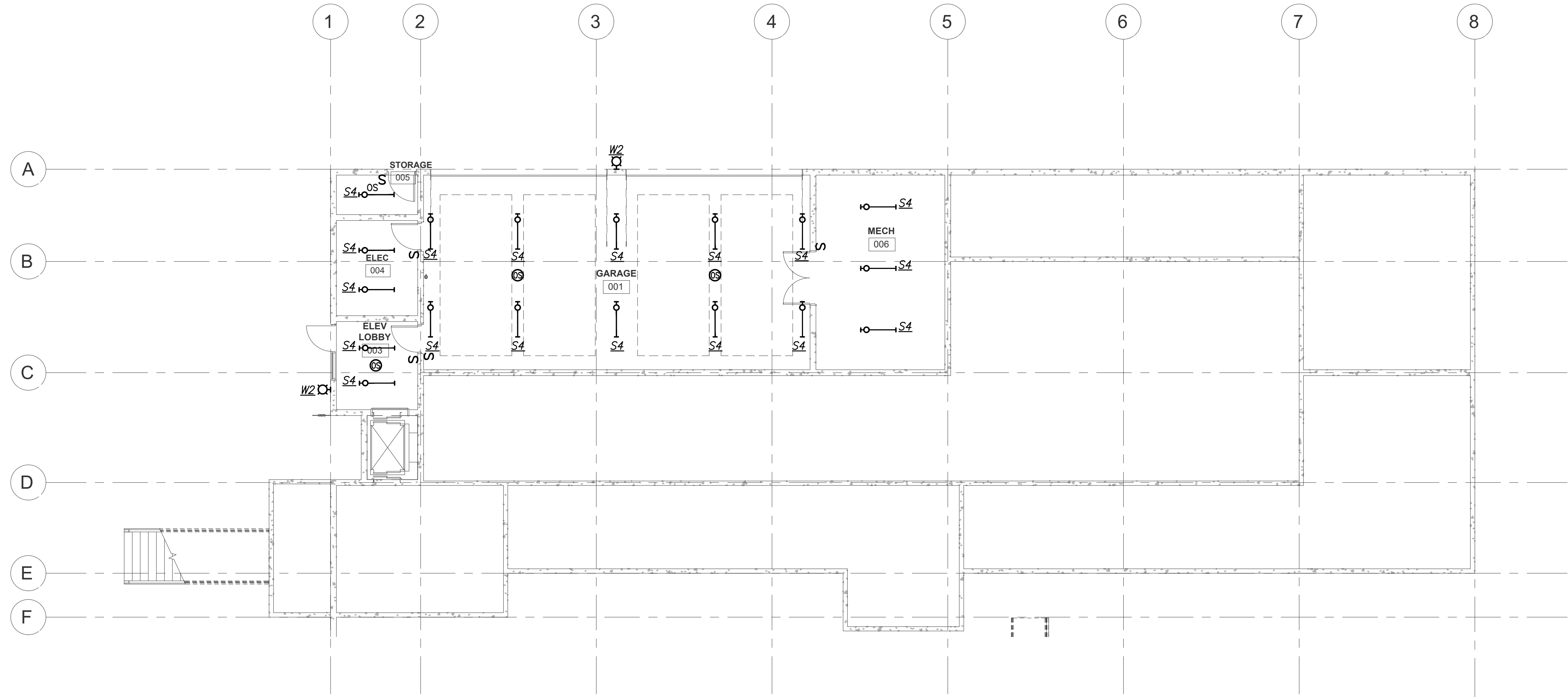
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LEGEND, NOTES & ABBREVIATIONS

SHEET NO.

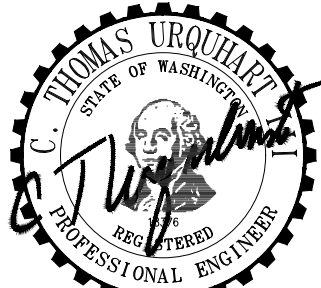
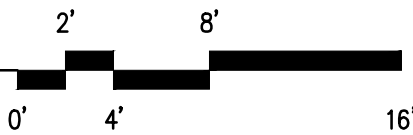
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BASEMENT LIGHTING PLAN

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

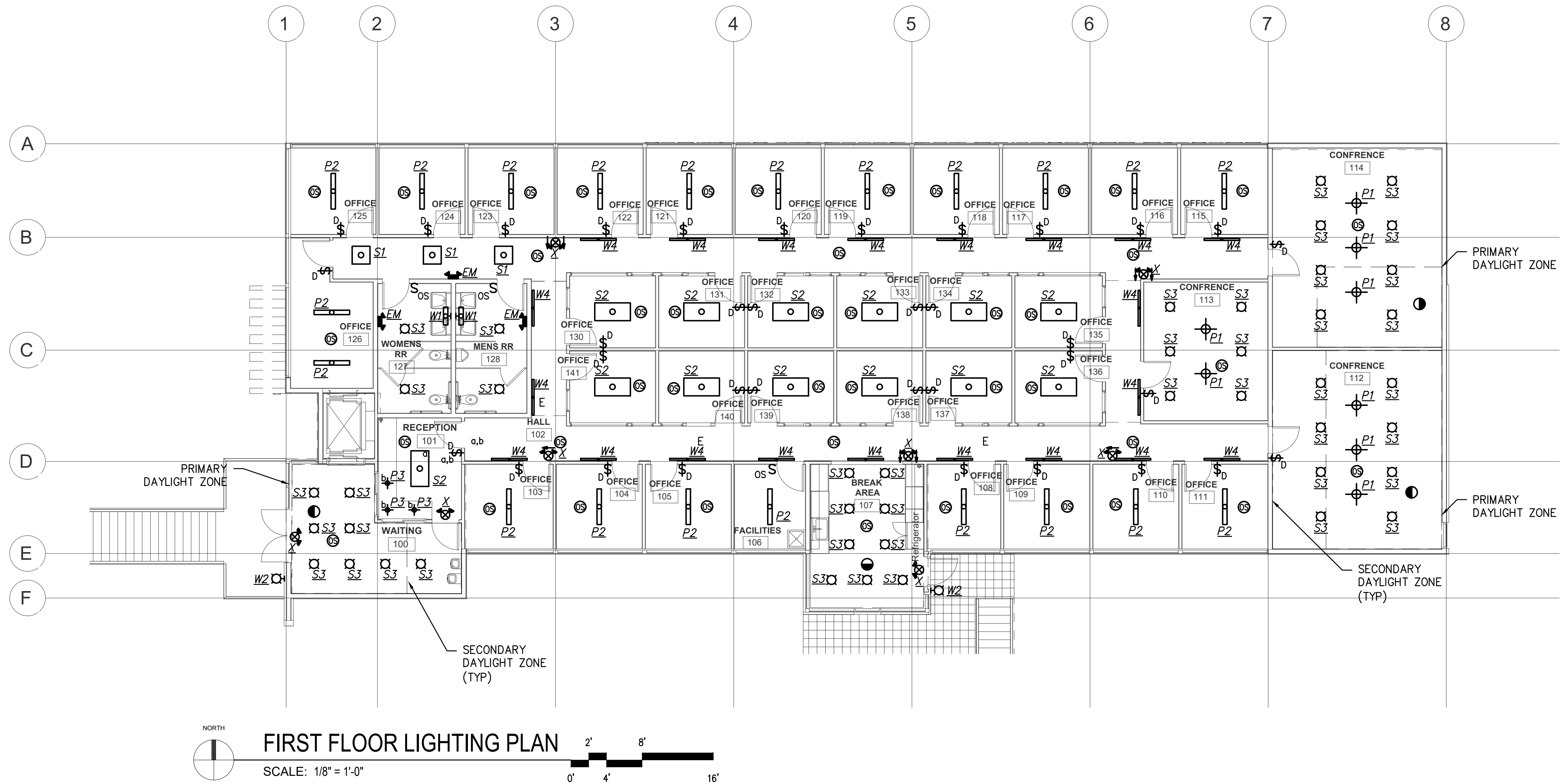


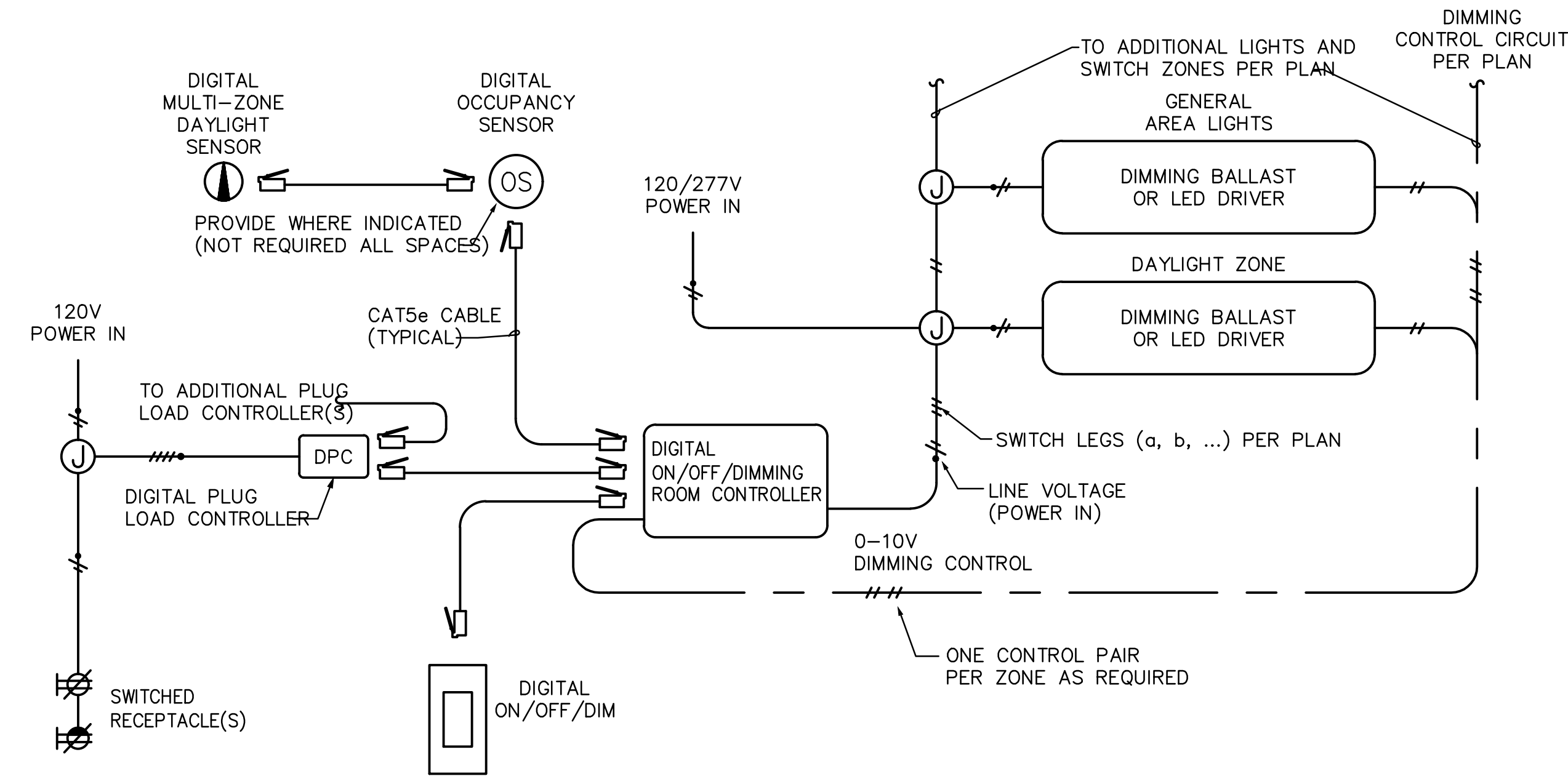
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PROJECT
CONSEJO COUNSELING GRAHAM OFFICES 21120 MERIDIAN AVE E, GRAHAM, WA

REVISIONS			
INFO	Rev#	Date	Description
	01/01/20	22125	
Project Number: consejo graham			
File Name:			

SHEET NAME	INFO	REVISIONS	PROJECT
BASEMENT LIGHTING PLAN	01/01/20 22125 consejo graham	Rev # Date Description	CONSEJO COUNSELING GRAHAM OFFICES 21120 MERIDIAN AVE E, GRAHAM, WA
PERMIT SET	1/26/2024 7:59:24 AM		





DIGITAL LIGHTING CONTROL DIAGRAM - DAYLIGHT ZONES/OCCUPANCY SENSOR

ENERGY CODE COMPLIANCE NOTES FOR LIGHTING & ELECTRICAL RECEPTACLE CONTROL

- MANUAL LIGHTING CONTROL: PROVIDE EACH ROOM WITH MANUAL LIGHTING CONTROL AS INDICATED. REMOTE LIGHTING CONTROLS SHALL IDENTIFY WHERE LIGHTS ARE CONTROLLED AND ON/OFF STATUS. MANUAL CONTROLS FOR SPACES NOT COVERED IN C405.2.1.2 LISTED EXCEPTIONS SHALL INCLUDE PROVISION FOR 50% LIGHT REDUCTION. MANUAL CONTROLS FOR CORRIDOR LIGHTING SHALL BE LOCATED AT THE SERVING PANELBOARD.
- OCCUPANCY SENSORS: PROVIDE OCCUPANCY SENSORS IN ALL OFFICES, RESTROOMS, STORAGE SPACES, JANITORIAL CLOSETS, AND OTHER SPACES 300 SQUARE FEET OR LESS.
- DAYLIGHT ZONES: PROVIDE SEPARATE CONTROL OF PRIMARY AND SECONDARY DAYLIGHT ZONES INDICATED ON PLANS INDEPENDENT OF GENERAL AREA LIGHTING AS INDICATED.
- DAYLIGHT ZONE CONTROL: PROVIDE AUTOMATIC CONTINUOUS DIMMING CONTROL OF LIGHTS LOCATED WITHIN PRIMARY AND SECONDARY DAYLIGHT ZONES.
- SPECIFIC APPLICATION CONTROLS: PROVIDE DEDICATED CONTROL INDEPENDENT OF OTHER LIGHTING FOR THE FOLLOWING:
 - MEANS OF EGRESS: PROVIDE AUTOMATIC CONTROL OF EGRESS LIGHTING BY MEANS OF OCCUPANCY SENSORS OR TIME SWITCH AS INDICATED. CONTINUOUSLY OPERATED EGRESS LIGHTING (NIGHT LIGHTS) SHALL NOT EXCEED .05 WATTS PER SQUARE FOOT OF BUILDING AREA.
- EXTERIOR LIGHTING CONTROLS: PROVIDE AUTOMATIC CONTROL OF EXTERIOR LIGHTING SYSTEMS:
 - DAYLIGHT SHUTOFF: LIGHTS SHALL BE CONFIGURED TO TURN OFF WHEN DAYLIGHT IS PRESENT.
 - FACADE AND LANDSCAPE: LIGHTING SHALL BE CONFIGURED TO SHUT OFF FOR A MINIMUM OF 6 HOURS PER NIGHT OR NOT LATER THAN 1 HOUR AFTER CLOSE OF BUSINESS TO NO EARLIER THAN 1 HOUR BEFORE BUSINESS OPEN, WHICH IS LESS.
 - LIGHTING SETBACK: WHERE NOT CONFIGURED FOR AUTOMATIC SHUT THE TOTAL WATTAGE SHALL BE REDUCED TO 30% BY EITHER SELECTIVELY SWITCHING OFF OR DIMMING AT ONE OF THE FOLLOWING TIMES:
 - NOT LATER THAN 12 MIDNIGHT TO 6 A.M.
 - NOT LATER THAN 1 HOUR AFTER CLOSE OF BUSINESS TO NO EARLIER THAN 1 HOUR BEFORE BUSINESS OPEN.
 - WHEN NO ACTIVITY HAS BEEN DETECTED FOR 15 MINUTES OR MORE.
 - EXTERIOR TIME SWITCH CONTROL: SHALL BE CAPABLE OF BEING PROGRAMMED FOR A MINIMUM OF 7 DAYS, FOR SEVEN DIFFERENT DAY TYPES PER WEEK, WITH AUTOMATIC HOLIDAY SETBACK, AND HAVE BATTERY BACKUP TO PREVENT LOSS OF PROGRAMMING FOR 10 HOURS MINIMUM IN THE EVENT OF POWER LOSS.
- AT LEAST 50% OF OF ALL 125 VOLT 15 AND 20 AMP RECEPTACLES INSTALLED IN PRIVATE OFFICES, OPEN OFFICES, CONFERENCE ROOMS, ROOMS USED PRIMARILY FOR PRINTING AND/OR COPYING FUNCTIONS, BREAK ROOMS, INDIVIDUAL WORKSTATIONS AND CLASSROOMS, INCLUDING THOSE INSTALLED IN MODULAR PARTITIONS AND MODULAR OFFICE WORKSTATION SYSTEMS NOT COVERED BY EXCEPTION IN C405.10 SHALL BE CONTROLLED BY OCCUPANT SENSOR THAT TURNS RECEPTACLE POWER OFF WHEN NO OCCUPANTS HAVE BEEN DETECTED FOR A MAXIMUM OF 20 MINUTES.

LUMINAIRE SCHEDULE							
TYPE	DESCRIPTION	MANUFACTURER	LAMP	VOLTAGE	INPUT WATTS	BALLAST/ DRIVER	REMARKS
P1	STEM MOUNT LED FABRIC DRUM PENDANT, WHITE WITH SATIN CHROME STRUCTURE	EUREKA 4411-GGC	LED 3500K	120	24	0-10V	MOUNT AT +7" AFF
P2	4 FOOT LONG, ARCHITECTURAL LED PENDANT, 2 CELLS DIRECT, 1 CELL INDIRECT, MEDIUM OUTPUT, DUAL CIRCUIT.	LUMENWERX HEX LED	LED 3500K 5000 LUMENS	UNV	39.5	0-10V	AIR CRAFT CABLE KIT. MOUNT AT +10" AFF.
P3	6" DIAMETER LED PENDANT, MATTE WHITE ACRYLIC LENS.	OXYGEN LIGHTING MAGNUM	LED 3500K 383 LUMENS	120	7.2	0-10V	FINISH BY ARCHTECT. MOUNT SO FIXTURES HANG 20" ABOVE COUNTER TOP.
R1	LED DOWNLIGHT RETROFIT, WHITE, WET LOCATION RATED, WITH E26 ADAPTER	JUNO E SERIES	LED 4000K 900 LUMENS	UNV	11	0-10V	ORDER SAMPLE AND CHECK FIT PRIOR TO FULL RELEASE. NOTIFY ARCHITECT IF FIXTURE DOES NOT FIT FOR RESOLUTION
S1	2X2 SURFACE MOUNT EDGE LIT FLAT PANEL LED.	LITHONIA EPANL	LED 3500K 4000 LUMENS	UNV	33	0-10V	SURFACE MOUNT KIT
S2	2X4 SURFACE MOUNT, EDGE LIT FLAT PANEL LED	LITHONIA EPANL	LED 3500K 4000 LUMENS	UNV	31	0-10V	SURFACE MOUNT KIT
S3	7" SURFACE MOUNT SLIM ROUND DAMP RATED	JUNO JSF	LED 3500K 1000 LUMENS	UNV	15.3	0-10V	
S4	4FT LED SURFACE MOUNT STRIP LIGHT, DAMP RATED, FLAT FROSTED LENS.	METALUX SNX	LED 4000K 2200 LUMENS	UNV	13.8	0-10V	OCCUPANCY SENSOR SET TO DIM TO 30% WHEN UNOCCUPIED
W1	2FT LED WALL MOUNT DIRECT LED	PINNACLE EDGE EX4D	LED 3500K 1000 LUMENS/FT	UNV	8.8	0-10V	MOUNT AT +7"8" AFF
W2	7"W X 4"D WALL MOUNTED, EXTERIOR RATED LED WALLPACK. FACTORY INSTALLED PHOTOCCELL.	LUMARK XTOR	LED 4000K 4200 LUMENS	120V	38	0-10V	
W4	4FT LED WALL MOUNT, DIRECT/INDIRECT LED, ASYMETRIC DISTRIBUTION DOWN, HIGH EFFICIENCY DISTRIBUTION UP.	PINNACLE EDGE EX2DI	LED 3500K DIRECT: 1000 LM/FT INDIRECT: 500 LM/FT	UNV	46.4	0-10V	MOUNT AT +9" AFF
X	LED EMERGENCY EDGELIT EXIT, 3 FACE MIRRORRED BACKING, REMOVABLE CHEVRONS, 180 DEGREE SWIVEL, UNIVERSAL MOUNTING, SWITCHABLE AC/EL OPTIONS.	LITHONIA LIGHTING BE SERIES	LED	MVOLT	2	-	UNIVERSAL SINGLE OR DUAL FACE WITH OPTIONAL DIRECTIONAL CHEVRONS. WALL MOUNT EXITS MOUNT AT +8 AFF.
EM	LED EMERGENCY LIGHT, DUAL LED HEADS, THERMOPLASTIC HOUSING, INTEGRAL LITHIUM IRON PHOSPHATE BATTERY, SELF DIAGNOSTICS.	LITHONIA LIGHTING ELM6L	LED	MVOLT	10.6	-	
E	INTEGRAL EMERGENCY BATTERY PACK WITH CHARGER, TEST SWITCH, INDICATING LED. TO OPERATE LED LUMINAIRE AT 14 WATTS MINIMUM.	AS SELECTED BY FIXTURE MANUFACTURER		120-277			

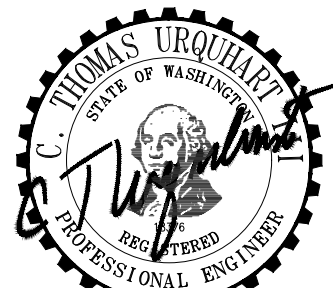
LUMINAIRE SCHEDULE NOTES:

- LED LUMENS ARE BASED ON TOTAL ILLUMINATION OUTPUT OF THE LUMINAIRE UNLESS OTHERWISE INDICATED.
- VERIFY STEM, CHAIN, OR CABLE LENGTH WITH FIXTURE VENDOR AS REQUIRED TO ACCOMMODATE THE INDICATED MOUNTING HEIGHT MEASURED TO BOTTOM OF FIXTURE.



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REVISIONS

Description

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22125

consejo graham

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SHEET NAME

LIGHTING SCHEDULE & DETAIL

PERMIT SET

SHEET NO.

E2.02

LIGHTING COMPLIANCE SUMMARY

2018 WSEC Compliance Forms for Commercial Buildings including Group R2, R3 & R4 over 3 stories and all R1

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Project & Applicant Information	Project Title	Consejo Counseling and Referral Services Graham - 2018 WSEC		For Building Department Use:	Date: Feb 09, 2024
	Project Address	21120 Meridian Ave E Graham, WA 98338			
	Applicant Name	Austin Marshall			
	Applicant Phone	206-909-1244			
	Applicant Email	austinnm@hultzblu.com			
For questions about this report, contact WSEC Commercial Technical Support at 360-539-5300 or via email at com.techsupport@waenergycodes.com					

General Occupancy	All Commercial		General Building Use Type			Office, Professional Services	Building Cond. Floor Area	7,800
General Project Types	New Building	New Building or Addition	Interior Lighting	Alteration Lighting Scope			Project Cond. Floor Area	7,800
		Lighting Scope	Parking Garage Lighting				Floors Above Grade	1
			Exterior Lighting				Compliance Method	Compliance Method 1 - General
Lighting Project Description								

Lighting Compliance Scope and Method	Project Type	Interior / Exterior (Interior includes both interior & parking)	Luminaire Replacement Scope	Compliance Method	LPA Calculation Adjustment	Compliance Verification
	New Building	Interior Lighting			Reduced lighting power density option - 20%	
	New Building	Exterior Lighting			Not applicable to exterior	

Project Title	Consejo Counseling and Referral Services Graham - 2018 WSEC				Date	Feb 09, 2024
Lighting Power Calculation	NEW BUILDING - INTERIOR LIGHTING				Compliance Verification	COMPLIES
Compliance Method		Space by space		LPA Calculation Adjustment		LPA x 0.8

Interior Lighting Power Allowance - Space by Space						
General Space Type	Specific Space Type	Gross Interior Area (SF)	LPA (Watts/SF)	Total Watts Allowed (SF x LPA x 0.8)	Total Proposed Watts (LPD + Display LPD)	Compliance Status
Conference/meeting/multipurpose		1,165	0.97	1,130		
Corridors	General	933	0.41	383		
Electrical/mechanical		500	0.43	215		
Lobby	General	338	0.84	284		
Lounge/breakroom	General	231	0.59	136		
Office	Enclosed less than 250 sf	3,308	0.74	2,448		
Parking - Covered	Enclosed garage	1,036	0.15	155		
Restroom	General	270	0.63	170		
Storage room	50-100 sf	58	0.38	22		
Totals				3,954	2,470	COMPLIES
				Calculation Adjustment Applied - LPA x 0.8	2,470	

Proposed Lighting Power Density						
Fixture Type	Fixture ID	Quantity of Fixtures (#F)	Watts or Wattage Limit per Fixture (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)
Individual Fixtures	Other fixture type	S3	43	15		658
	Other fixture type	S4	18	14		248
	Other fixture type	W1	1	9		9
	Other fixture type	P3	3	7		21
	Other fixture type	S2	13	31		403
	Other fixture type	P1	8	24		192
	Other fixture type	P2	21	40		840
	Other fixture type	S1	3	33		99
	Proposed Total LPD					2,470

Project Title	Consejo Counseling and Referral Services Graham - 2018 WSEC					Date	Feb 09, 2024
Proposed Fixtures Details		NEW BUILDING - INTERIOR LIGHTING					
Fixture Type/Application		Fixture ID	Location in Documents		Lamp Type		New or Existing-to-Remain
Individual Fixtures	Other fixture type	S3	E2 Series		LED		New
		Fixture Description: Surface Downlight				Are these fixtures located within a daylight zone?: Yes, controls provided	
		Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)				Dimming method: Continuous dimming	
		Do these fixtures require specific application lighting controls?: None required					
	Other fixture type	S4	E2 Series		LED		New
		Fixture Description: surface mount strip				Are these fixtures located within a daylight zone?: No	
	Other fixture type	Do these fixtures require specific application lighting controls?: None required					
		W1	E2 Series		LED		New
	Other fixture type	Fixture Description: Wall Mount Vanity				Are these fixtures located within a daylight zone?: No	
		Do these fixtures require specific application lighting controls?: None required					
Other fixture type	P3	E2.01		LED		New	
	Fixture Description: LED PENDANT LIGHT FIXTURE				Are these fixtures located within a daylight zone?: No		
Other fixture type	Do these fixtures require specific application lighting controls?: None required						
	S2	E2 Series		LED		New	
Other fixture type	Fixture Description: 2x4 Flat Panel LED				Are these fixtures located within a daylight zone?: Yes, controls provided		
	Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)				Dimming method: Continuous dimming		
	Do these fixtures require specific application lighting controls?: None required						
	Other fixture type	P1	E2 Series		LED		New
Fixture Description: LED PENDANT				Are these fixtures located within a daylight zone?: Yes, controls provided			
Daylight zone location(s): Sidelit daylight zones (primary and/or secondary)				Dimming method: Continuous dimming			
Do these fixtures require specific application lighting controls?: None required							
Other fixture type	P2	E2 Series		LED		New	
	Fixture Description: LED PENDANT				Are these fixtures located within a daylight zone?: No		
Other fixture type	Do these fixtures require specific application lighting controls?: None required						
	S1	E2 Series		LED		New	
	Fixture Description: 2x2 Flat Panel LED				Are these fixtures located within a daylight zone?: No		
	Do these fixtures require specific application lighting controls?: None required						

Project Title	Consejo Counseling and Referral Services Graham - 2018 WSEC				Date	Feb 09, 2024
Lighting Power Calculation	NEW BUILDING - EXTERIOR LIGHTING				Compliance Verification	COMPLIES
Exterior Lighting Zone		ZONE 3		Base Site Allowance		500

Exterior Tradable Lighting Power Allowance								
Exterior Surface	Surface Sub-Type	Surface Area (SF)	LPA (Watts/SF)	Linear Feet (LF)	LPA (Watts/LF)	Total Watts Allowed (LPA x SF) or (LPA x LF)	Total Proposed Watts	Compliance Status
Building entrances and exits	Pedestrian entrances & exits			15	21	315		
Building entrances and exits	Vehicular entrances & exits			40	21	840		
Base Site Allowance						500		
Totals						1,655	152	COMPLIES

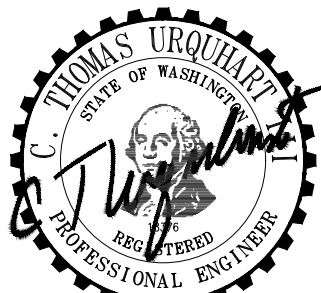
Proposed Tradable Lighting Power Density								
Fixture Type	Fixture ID	Exterior Surface Type	Quantity of Fixtures (#F)	Watts or Wattage Limit per Fixture (WpF)	Total Linear Feet (LF)	Watts per Linear Foot (WpLF)	Total Watts Proposed (#F x WpF) or (LF x WpLF)	
Individual Fixtures	Wall-mounted	Building entrances and exits - Vehicular entrances & exits	1	38			38	
	Wall-mounted	Building entrances and exits - Pedestrian entrances & exits	3	38			114	
	Proposed Total LPD							152



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Date

Rev#

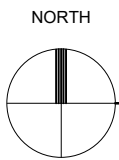
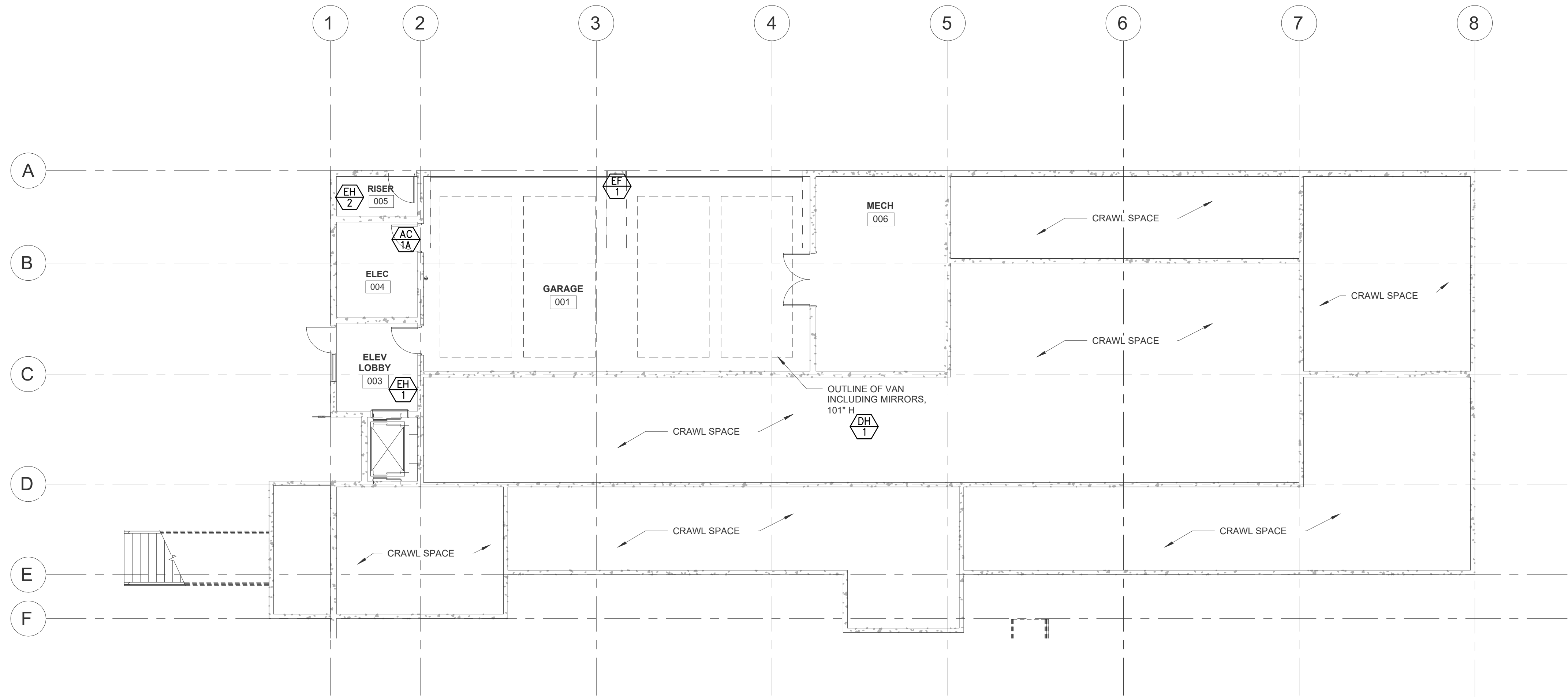
SHEET NAME

WA ENERGY CODE COMPLIANCE

SHEET NO.

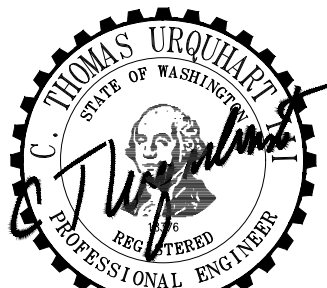
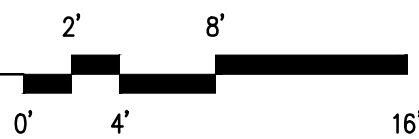
E2.03

PERMIT SET



BASEMENT POWER PLAN

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



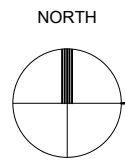
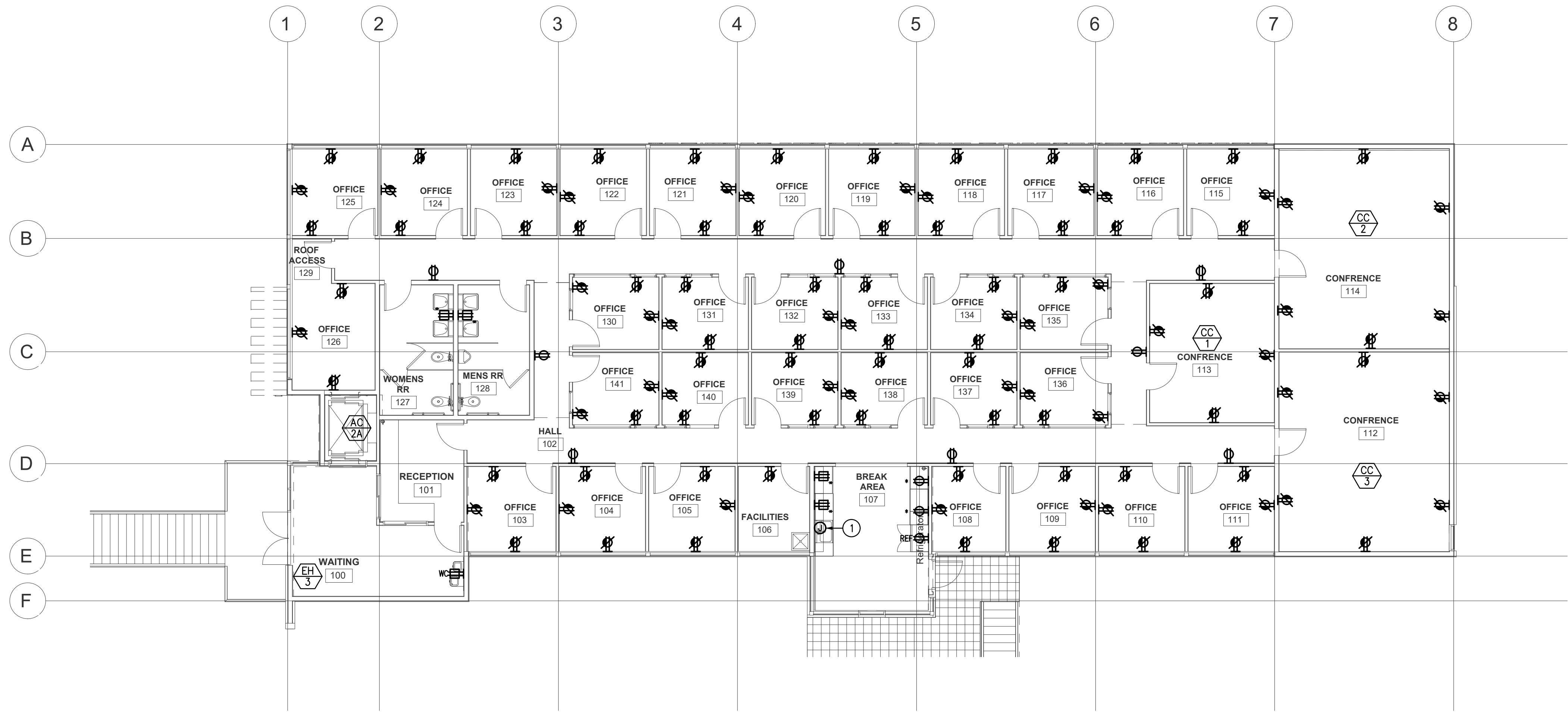
SIGNED
01-29-2024

REVISIONS	DESCRIPTION
Rev#	Date

INFO	DESCRIPTION
01/01/20	22125
consejo graham	

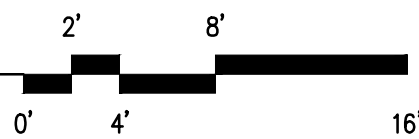
SHEET NAME	DESCRIPTION
BASEMENT POWER PLAN	

SHEET NO.	E3.00
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FIRST FLOOR POWER PLAN

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

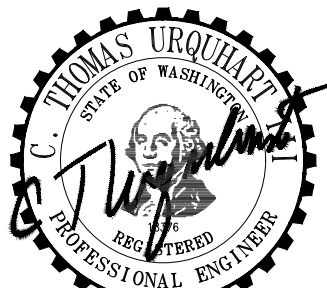


PLAN NOTES:

- ① J-BOX UNDER SINK WITH 3/4"C TO ELECTRICAL PANEL FOR FUTURE EQUIPMENT.



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SIGNED

01-29-2024

PROJECT

CONSEJO COUNSELING
GRAHAM OFFICES
21120 MERIDIAN AVE E, GRAHAM, WA

REVISIONS

Description

Date

Rev.#

Rev. Date:

Project Number:

File Name:

Plot Date:

SHEET NAME

FIRST FLOOR POWER PLAN

SHEET NO.

E3.01

HULTZ + BHU
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