ELECTRICAL NOTES:

- 1. THESE DRAWINGS ACCOMPANY THE PUBLISHED CONSTRUCTION DOCUMENT SPECIFICATION BOOK (PROJECT MANUAL).
- 2. DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS ON ARCHITECTURAL DRAWINGS AND IN FIELD PRIOR TO COMMENCEMENT OF WORK.
- 3. VISIT SITE PRIOR TO BID AND VERIFY THAT CONDITIONS ARE AS INDICATED. CONTRACTOR SHALL INCLUDE IN HIS BID COSTS REQUIRED TO MAKE HIS WORK MEET EXISTING CONDITIONS.
- 4. SYSTEM OUTAGES SHALL BE PERMITTED ONLY AT TIMES APPROVED BY OWNER - IN WRITING. WORK WHICH COULD RESULT IN AN ACCIDENTAL OUTAGE (BEYOND BRANCH CIRCUITS) SHALL BE PERFORMED WITH THE OWNER'S MAINTENANCE PERSONNEL ADVISED OF SUCH WORK.
- 5. SERVICE SHALL BE MAINTAINED TO EXISTING AREAS DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE PORTABLE GENERATORS, CABLES, OUTLETS, ETC. AS REQUIRED TO MAINTAIN CONTINUITY OF SERVICE. PLACEMENT OF SUCH PORTABLE EQUIPMENT SHALL BE SUBJECT TO OWNER APPROVAL.
- 6. REVIEW ARCHITECTURAL, MECHANICAL AND OTHER DRAWINGS PRIOR TO BID.

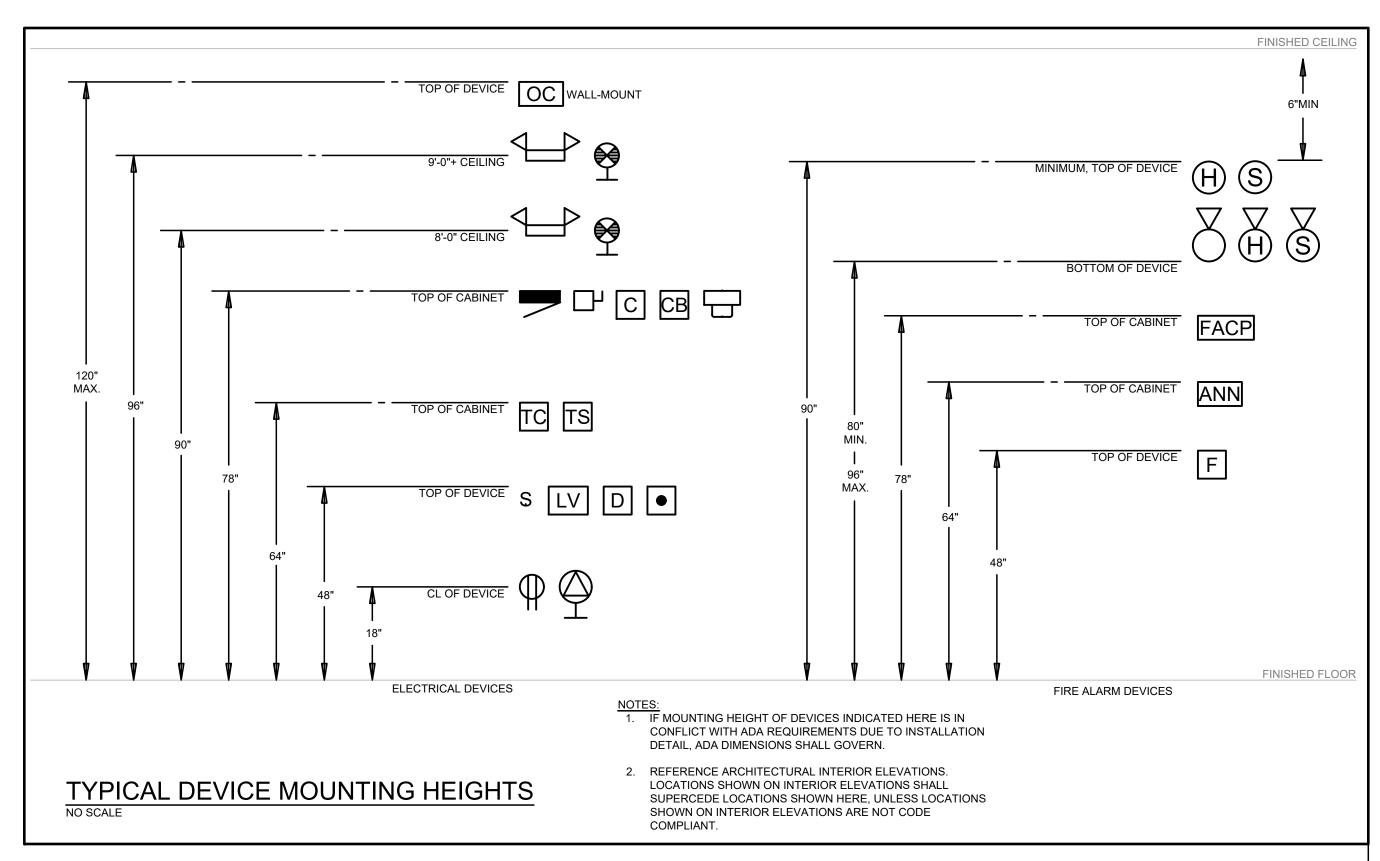
7. WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER TO THE

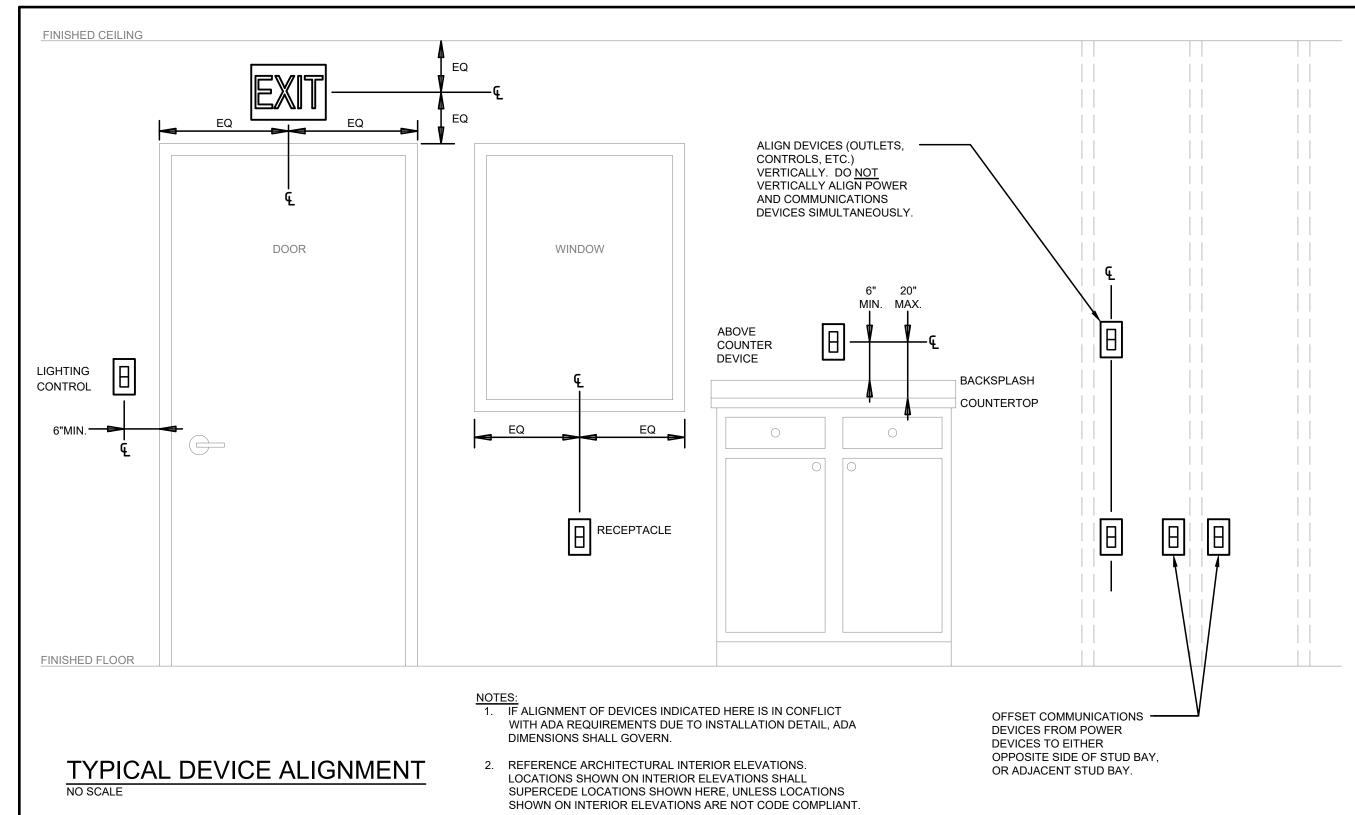
- SATISFACTION OF THE ARCHITECT. 8. WORK, MATERIALS, AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS
- OF LOCAL, STATE, AND NATIONAL CODES AND ORDINANCES.
- 9. PROVIDE PERMITS AND INSPECTIONS REQUIRED. 10. CONTRACTOR'S FAILURE TO ORDER OR RELEASE ORDER FOR MATERIALS AND/OR EQUIPMENT WILL NOT BE ACCEPTED AS A REASON TO SUBSTITUTE

ALTERNATE MATERIALS, EQUIPMENT, OR INSTALLATION METHODS.

- 11. EXISTING SYSTEMS AND CONDITIONS SHOWN ON DRAWINGS FOR EXISTING BUILDINGS ARE TO BE NOTED "FOR GUIDANCE ONLY". THE ELECTRICAL CONTRACTOR TO FIELD CHECK ALL EXISTING CONDITIONS PRIOR TO BIDDING AND TO INCLUDE IN HIS BID AN ALLOWANCE FOR REMOVAL AND/OR RELOCATION OF EXISTING CONDUITS, WIRES, DEVICES, FIXTURES, OR OTHER EQUIPMENT AS INDICATED ON THE PLANS OR AS REQUIRED TO COORDINATE AND ADAPT NEW AND EXISTING ELECTRICAL SYSTEM TO ALL OTHER WORK AS REQUIRED
- 12. PROVIDE ELECTRICAL DEMOLITION REQUIRED. REFER TO ARCHITECTURAL AND ELECTRICAL DEMOLITION DRAWINGS FOR LOCATION AND EXTENT OF DEMOLITION REQUIRED. CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO DETERMINE EXTENT OF WORK INVOLVED.
- 13. PROVIDE ALL NECESSARY DEMOLITION TO REMOVE EXISTING UNUSED CONDUIT, WIRE, CABLE, J-BOXES, RECEPTACLES, SWITCHES, LIGHTS, FIRE ALARMS DEVICES, ETC. COMPLETE WITH ASSOCIATED CIRCUITING TO SOURCE. WHERE IT IS NOT FEASIBLE TO REMOVE THE ABOVE, OUTLET SHALL BE ABANDONED, WIRE REMOVED, AND BLANK COVER PLATES PROVIDED.
- 14. ALL (E) EQUIPMENT, LAMPS, BALLASTS, ETC. BEING REMOVED SHALL BE DISCARDED IN ACCORDANCE WITH APPLICABLE EPA REQUIREMENTS.
- 15. EXISTING LIGHT FIXTURES, ELECTRICAL EQUIPMENT, ETC. BEING REMOVED

- SHALL BE RETURNED TO THE OWNER, EXCEPT FOR THOSE ITEMS BEING RELOCATED.
- 16. VERIFY EXACT LOCATION OF EQUIPMENT TO BE FURNISHED BY OTHERS PRIOR
- 17. INSTALL ALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ANY DEVIATIONS SHALL BE BROUGHT TO THE ARCHITECT/ENGINEER'S ATTENTION PRIOR TO INSTALLATION.
- 18. FINAL CONNECTIONS TO EQUIPMENT SHALL BE IN ACCORDANCE WITH MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
- 19. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED DUE TO INCORRECT FIELD WIRING PROVIDED UNDER THIS SECTION. OR FACTORY WIRING IN EQUIPMENT PROVIDED UNDER THIS SECTION.
- 20. ALL ELECTRICAL SYSTEMS COMPONENTS SHALL BE LISTED OR LABELED BY U.L. OR OTHER RECOGNIZED TESTING FACILITY.
- 21. WIRING DEVICES SHALL BE SPECIFICATION GRADE AND RATED AT 20 AMPERES FOR LIGHT SWITCHES, AND 20 AMPERES FOR DUPLEX RECEPTACLES. THE COLOR OF THE DEVICES AND COVER PLATES SHALL BE AS DIRECTED BY
- 22. ALL EMPTY RACEWAY SYSTEMS SHALL HAVE A 200LB NYLON PULL STRING OR EQUAL, AND SHALL BE IDENTIFIED AT ALL JUNCTION, PULL AND TERMINATION POINTS, USING PERMANENT METALLIC TAGS. TAG SHALL INDICATE INTENDED USE OF CONDUIT, ORIGINATION, AND TERMINATION POINTS OF EACH INDIVIDUAL
- 23. PROVIDE NEW UPDATED PANELBOARD DIRECTORIES FOR EXISTING AND NEW CIRCUITS BEING UTILIZED FOR COMPLETION OF PROJECT.
- 24. PANEL DIRECTORIES SHALL BE REMOVABLE. ROOM NAMES AND NUMBERS SHALL BE AS DIRECTED BY OWNER. DIRECTORIES SHALL BE TYPED AND INSTALLED UNDER CLEAR PLASTIC COVERS.
- 25. FINAL CONNECTIONS TO MOTORS, TRANSFORMERS, AND OTHER VIBRATING EQUIPMENT SHALL BE SEAL TITE FLEX AND APPROVED FITTINGS. DO NOT SECURE CONDUITS, DISCONNECTS, OR DEVICES TO DUCTWORK OR MECHANICAL EQUIPMENT.
- 26. SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE CORRECTIONS NECESSARY AT
- 27. GUARANTEE THE INSTALLATION AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP WHICH MAY OCCUR UNDER NORMAL USAGE FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE. DEFECTS SHALL BE PROMPTLY REMEDIED WITHOUT COST TO THE OWNER.
- 28. SYSTEMS SHALL BE COMPLETE, OPERABLE, AND READY FOR CONTINUOUS OPERATION. LIGHTS, SWITCHES, RECEPTACLES, MOTORS, ETC. SHALL BE CONNECTED AND OPERABLE.
- 29. ALL SURFACE MOUNTED CONDUIT SHALL BE PAINTED TO MATCH SURROUNDING SURFACE COLOR.



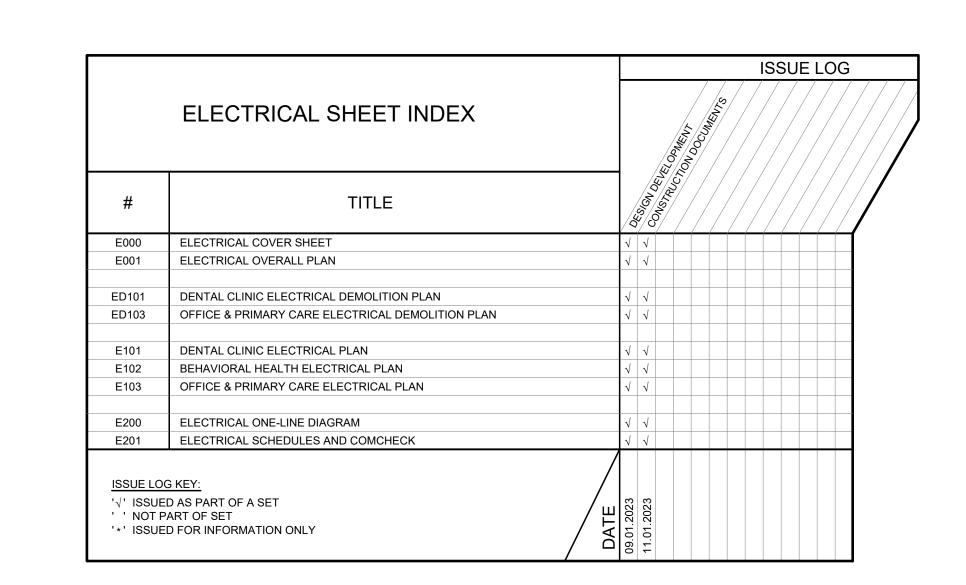


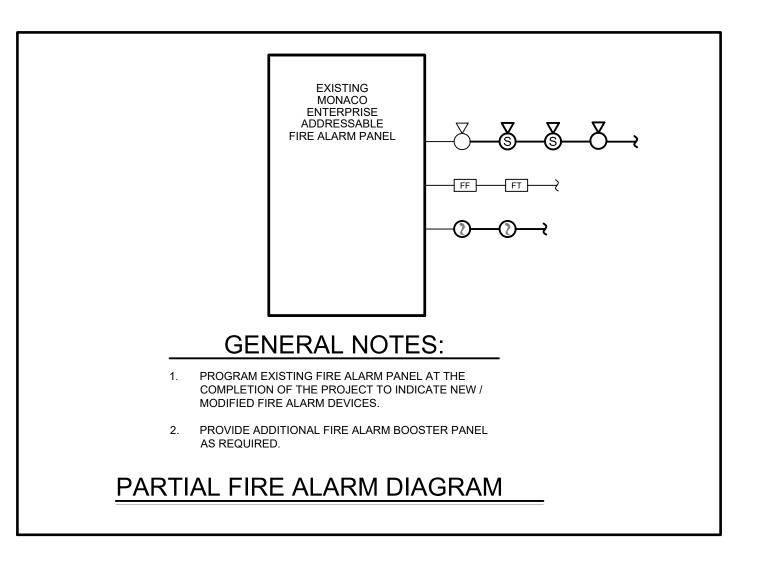


DEFERRED SUBMITTALS

LT LOW TEMPERATURE SENSOR

1. THE PROJECT FIRE ALARM CONTRACTOR SHALL SUBMIT THE FIRE ALARM SHOP DRAWINGS FOR THIS PROJECT AS A DEFERRED SUBMITTAL. THIS DEFERRED SUBMITTAL SHALL COMPLY WITH THE 2021 INTERNATIONAL BUILDING CODE 107.3.4.1.







SHERIDAN HEALTH SERVICES SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS







DESCRIPTION 09/01/2023 DESIGN DEVELOPMENT CONSTRUCTION DOCUMENTS

PROJECT: 2207SHS INITIAL DATE: TBD

CHECKED BY: JM

ELECTRICAL COVER SHEET

SCALE: AS NOTED

DRAWN BY: CG



SHERIDAN HEALTH SERVICES
SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS 21-107321







DATE DESCRIPTION

09/01/2023 DESIGN DEVELOPMENT

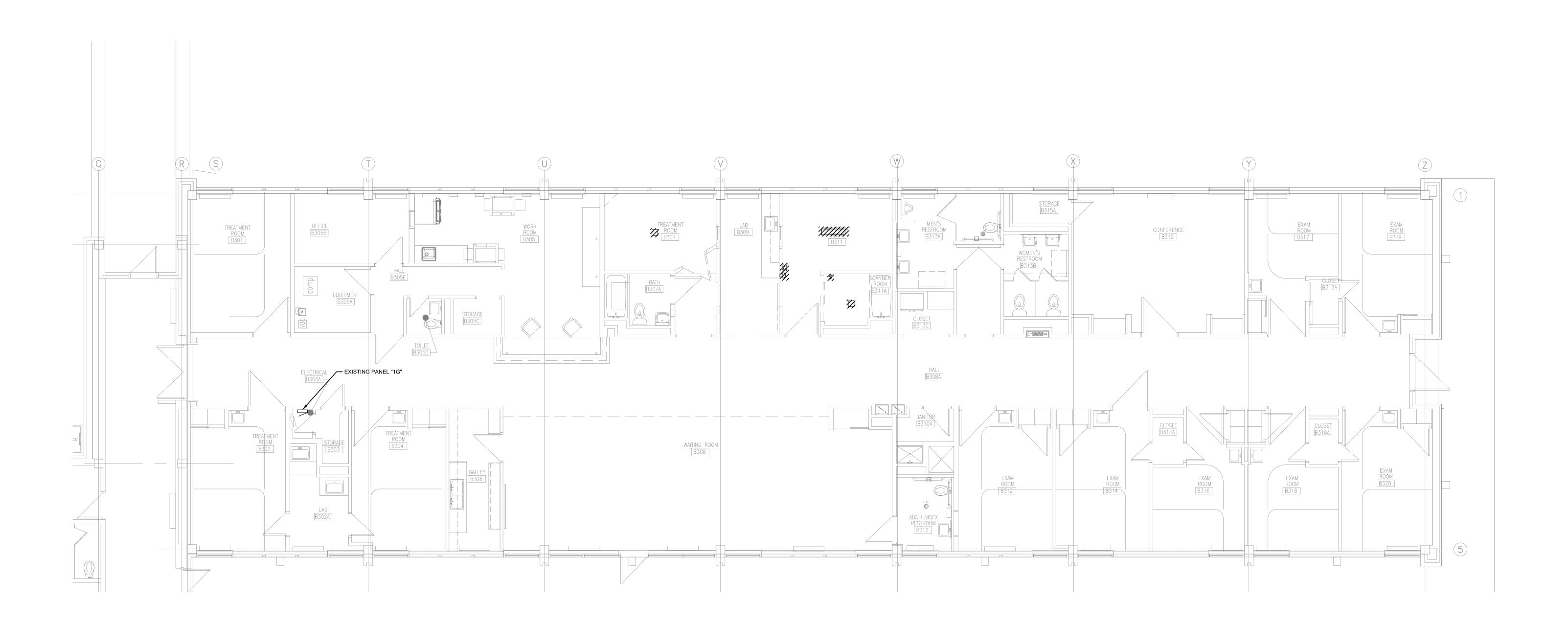
11/01/2023 CONSTRUCTION DOCUMENTS

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

ELECTRICAL OVERALL PLAN

SCALE: AS NOTED

OXFORD





DEMOLITION NOTES:

- DEMOLITION PLAN INDICATES A DESIRED SCOPE OF WORK; THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IN FIELD PRIOR TO START OF WORK.
- 2. CONDITIONS MAY EXIST WHERE (E) CABLING AND/OR EQUIPMENT IS INSTALLED WITHIN AN AREA OF DEMOLITION THAT IS INTENDED TO REMAIN IN ORDER TO KEEP SYSTEMS OUTSIDE OF THE AREA OF DEMOLITION IN OPERABLE CONDITION. CONTRACTOR SHALL PROVIDE APPROPRIATE PROTECTION AND EXERCISE CARE WHEN PERFROMING DEMOLITION AROUND SUCH CABLING AND EQUIPMENT.
- ALL SYSTEMS LOCATED OUTSIDE THE AREA OF DEMOLITION ARE INTENDED TO REMAIN OPERABLE.
- 4. FOR ALL ITEMS TO BE DEMOLISHED REMOVE CIRCUIT BACK TO POINT OF CONNECTION. MAKE BRANCH CIRCUIT WITH REMAINING DEVICES CONTINUOUS.
- 5. ELECTRICAL CONTRACTOR SHALL REMOVE ALL DEMOLISHED ITEMS FROM SITE UNLESS OWNER WISHES TO RETAIN. ITEMS REMOVED FROM SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 6. EVERY ATTEMPT WAS MADE TO LOCATE ALL ITEMS TO BE INCLUDED IN THE DEMOLITION SCOPE IN THIS OCCUPIED SPACE. ELECTRICAL CONTRACTOR SHALL PROVIDE A REASONABLE ALLOWANCE TO INCLUDE THE REMOVAL OF ITEMS NOT INDICATED ON THE ELECTRICAL DEMOLITION PLAN.



SHERIDAN HEALTH SERVICES
SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS 21-107321







DATE DESCRIPTION
09/01/2023 DESIGN DEVELOPMENT
11/01/2023 CONSTRUCTION DOCUMENTS

CHECKED BY: JM

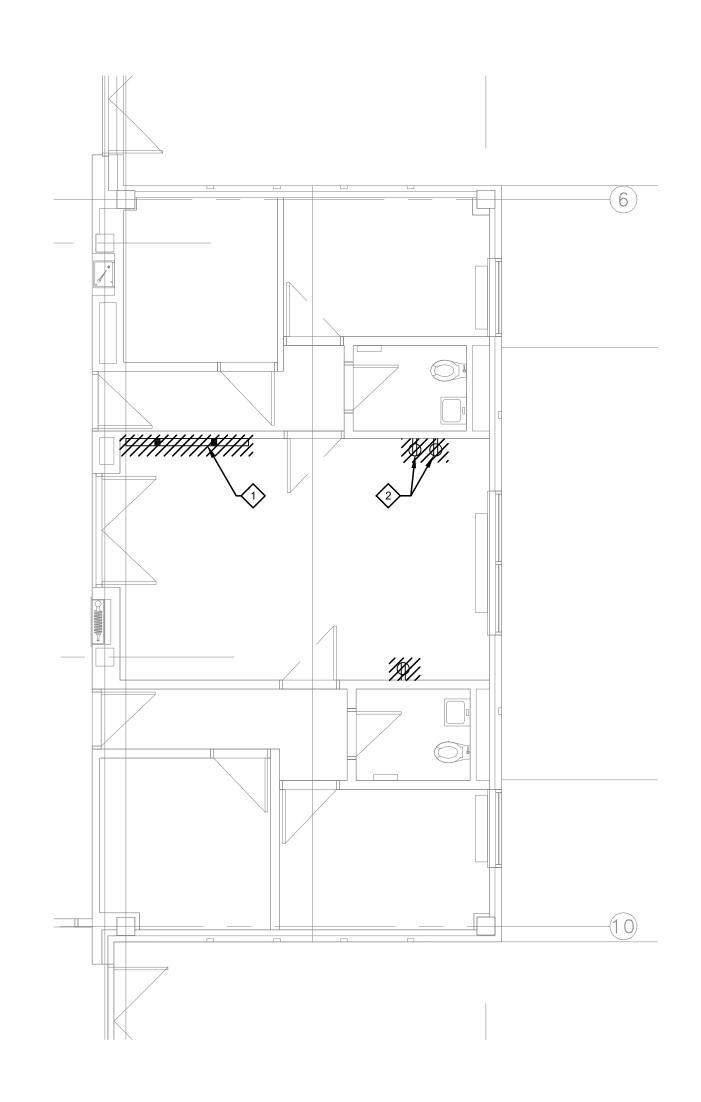
PROJECT: 2207SHS INITIAL DATE: TBD

DENTAL CLINIC ELECTRICAL

DENTAL CLINIC ELECTRICAL
DEMOLITION PLAN
SCALE: AS NOTED

ED101

DRAWN BY: CG





DEMOLITION NOTES:

- DEMOLITION PLAN INDICATES A DESIRED SCOPE OF WORK; THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IN FIELD PRIOR TO START OF WORK.
- 2. CONDITIONS MAY EXIST WHERE (E) CABLING AND/OR EQUIPMENT IS INSTALLED WITHIN AN AREA OF DEMOLITION THAT IS INTENDED TO REMAIN IN ORDER TO KEEP SYSTEMS OUTSIDE OF THE AREA OF DEMOLITION IN OPERABLE CONDITION. CONTRACTOR SHALL PROVIDE APPROPRIATE PROTECTION AND EXERCISE CARE WHEN PERFROMING DEMOLITION AROUND SUCH CABLING AND EQUIPMENT.
- ALL SYSTEMS LOCATED OUTSIDE THE AREA OF DEMOLITION ARE INTENDED TO REMAIN OPERABLE.
- 4. FOR ALL ITEMS TO BE DEMOLISHED REMOVE CIRCUIT BACK TO POINT OF CONNECTION. MAKE BRANCH CIRCUIT WITH REMAINING DEVICES CONTINUOUS.
- 5. ELECTRICAL CONTRACTOR SHALL REMOVE ALL DEMOLISHED ITEMS FROM SITE UNLESS OWNER WISHES TO RETAIN. ITEMS REMOVED FROM SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.
- 6. EVERY ATTEMPT WAS MADE TO LOCATE ALL ITEMS TO BE INCLUDED IN THE DEMOLITION SCOPE IN THIS OCCUPIED SPACE. ELECTRICAL CONTRACTOR SHALL PROVIDE A REASONABLE ALLOWANCE TO INCLUDE THE REMOVAL OF ITEMS NOT INDICATED ON THE ELECTRICAL DEMOLITION PLAN.

◆ FLAG NOTES:

- DISCONNECT AND REMOVE SURFACE MOUNTED
 RACEWAY, SURFACE MOUNTED CONDUIT AND
 SURFACE MOUNTED RECEPTACLE.
- 2. DISCONNECT AND REMOVE SURFACE MOUNTED RECEPTACLES.



SHERIDAN HEALTH SERVICES
SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS 21-107321







DATE DESCRIPTION

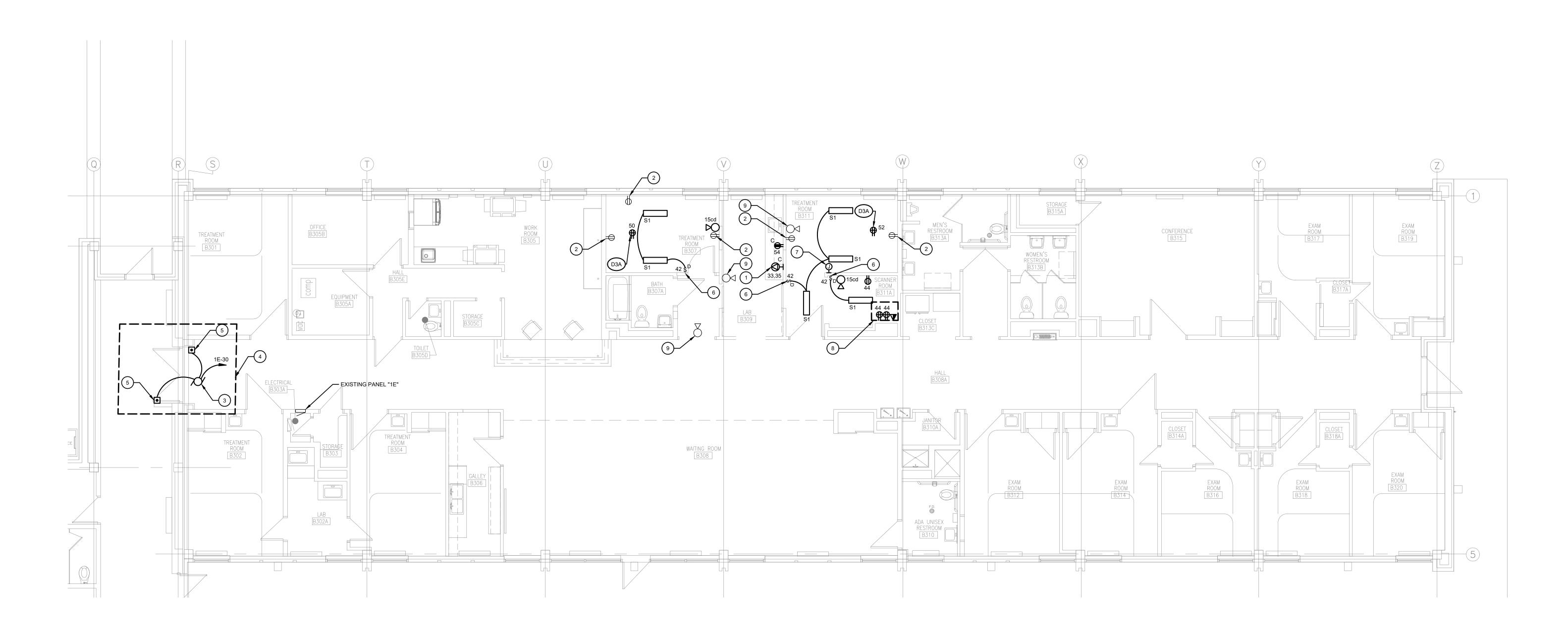
09/01/2023 DESIGN DEVELOPMENT

11/01/2023 CONSTRUCTION DOCUMENTS

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

OFFICE AND PRIMARY CARE
ELECTRICAL DEMOLITION PLAN
SCALE: AS NOTED

ED103





NOTE

- THE NUMBERS NEXT TO ELECTRICAL ITEMS INDICATE THE CIRCUIT NUMBER THAT BRANCH CIRCUIT SHALL OCCUPY IN PANEL "1E" UNLESS NOTED OTHERWISE.
- 2. FOR EACH COMMUNICATION DEVICE AND TELEVISION PROVIDE A 4"x4" RECESSED JUNCTION BOX WITH SINGLE GANG MUD RING. FROM JUNCTION BOX ROUTE 1" EMT CONDUIT INTO CRAWL SPACE BELOW. PROVIDE BUSHING ON EXPOSED END OF CONDUIT.
- 3. ALL NEW POWER, COMMUNICATION AND LIGHTING BRANCH CIRCUITS SHALL BE ROUTED DOWN NEW / EXISTING WALLS INTO CRAWL SPACE BELOW UNLESS NOTED OTHERWISE DUE TO LIMITED CEILING ACCESS IN SPACE AND ROUTED IN CRAWL SPACE...
- 4. ALL NEW FIRE ALARM CABLING SHALL BE ROUTED IN NEW SOFFITS BEING CREATED TO INSTALL FIRE SPRINKLER LINES. FROM SOFFIT PROVIDE SURFACE MOUNTED CONDUIT AND BOXES AS REQUIRED TO SERVE NEW FIRE ALARM DETECTION AND NOTIFICATION APPLIANCES.
- 5. IT IS ACCEPTABLE TO INSTALL SURFACE MOUNTED DEVICES ON EXISTING WALLS SINCE MOST EXISTING WALLS ARE BLOCK. FROM THESE SURFACE MOUNTED DEVICES PROVIDE SURFACE MOUNTED CONDUIT DOWN INTO CRAWL SPACE FOR ROUTING OF BRANCH CIRCUIT TO OTHER DEVICE OR PANELBOARD.



SHERIDAN HEALTH SERVICES
SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ
MEDICAL CAMPUS

FLAG NOTES:

- PROVIDE NEMA 6-15 RECEPTACLE FOR RELOCTED
 WATER STEAM STERILIZER. VERIFY PLUG
 CONFIGURATION PRIOR TO ROUGH-IN.
- 2. EXISTING RECEPTACLE TO REMAIN.
- 3. PROVIDE 120-VOLT POWER CONNECTION TO DOOR OPENER CONTROLLER.
- 4. THIS AUTOMATIC DOOR OPENER IS TO BE PRICED AS ALTERNATE #2.

FINISHED STRUCTURE TO ABOVE CEILING ELEVATION AND INTO TO BUILDING INTERIOR TO DOOR OPENER

- 5. PROVIDE SURFACE MOUNTED JUNCTION BOX FOR INSTALLATION OF DOOR OPENER PUSHBUTTON (INSTALLATION OF PUSH BUTTON BY OTHERS). FROM JUNCTION BOX ROUTE 3/4" EMT CONDUIT UP
- PROVIDE GREENGATE #WBSD-010DEC-C1 (0-10 VOLT) DIMMER FOR CONTROL OF DENTAL SUITE LIGHTING.
- 7. PROVIDE JUNCTION BOX AT #44" FOR CONTROL OF DENTAL SCANNER CONTROLS. ROUTE 3/4" EMT CONDUIT FROM JUNCTION BOX TO DENTAL SCANNER FOR CONTROL OF SCANNER. VERIFY EXACT LOCATION OF JUNCTION BOX AND LOCATION OF CONDUIT FOR CONTROL OF SCANNER.
- 8. DENTAL SCANNER LOCATION.

CONTROLLER.

 EXISTING FIRE ALARM NOTIFICATION APPLIANCE TO REMAIN.







DATE DESCRIPTION

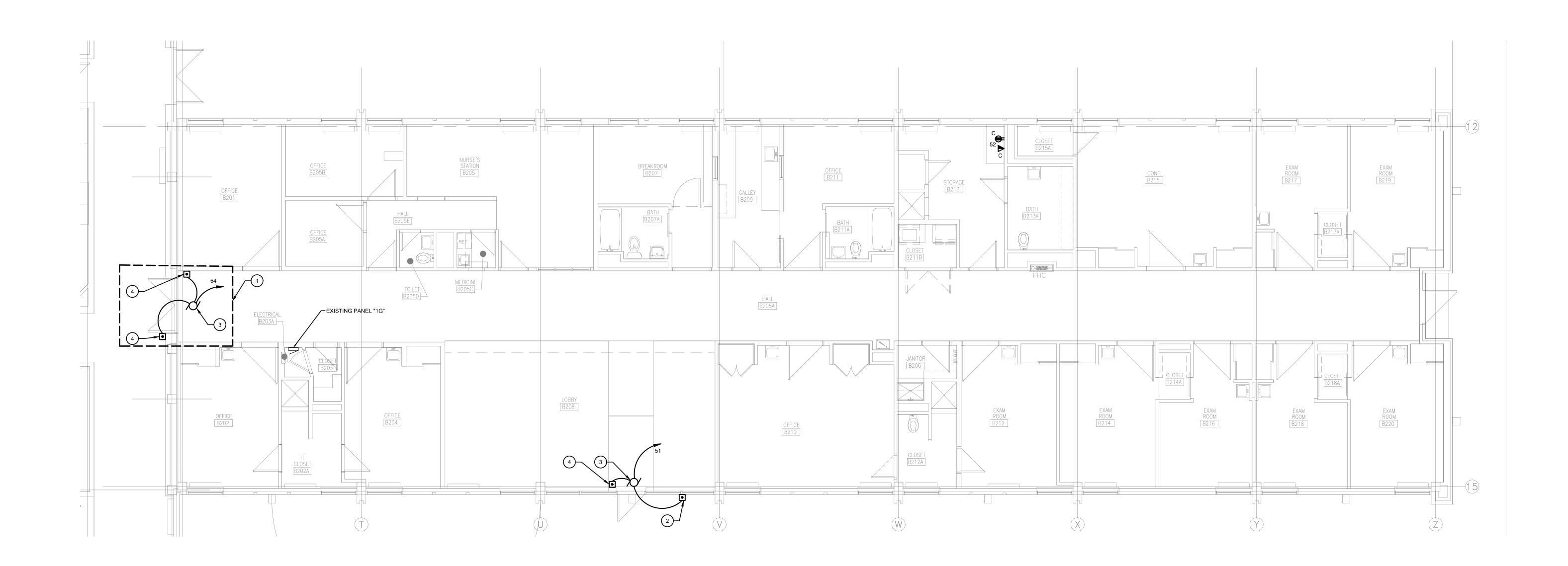
09/01/2023 DESIGN DEVELOPMENT

11/01/2023 CONSTRUCTION DOCUMENTS

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

DENTAL CLINIC ELECTRICAL

PLAN
SCALE: AS NOTED





NOTES:

- THE NUMBERS NEXT TO ELECTRICAL ITEMS INDICATE THE CIRCUIT NUMBER THAT BRANCH CIRCUIT SHALL OCCUPY IN PANEL "1G" UNLESS NOTED OTHERWISE.
- 2. FOR EACH COMMUNICATION DEVICE AND TELEVISION PROVIDE A 4"x4" RECESSED JUNCTION BOX WITH SINGLE GANG MUD RING. FROM JUNCTION BOX ROUTE 1" EMT CONDUIT INTO CRAWL SPACE BELOW. PROVIDE BUSHING ON EXPOSED END OF CONDUIT.
- 3. ALL NEW POWER, COMMUNICATION AND LIGHTING BRANCH CIRCUITS SHALL BE ROUTED DOWN NEW / EXISTING WALLS INTO CRAWL SPACE BELOW UNLESS NOTED OTHERWISE DUE TO LIMITED CEILING ACCESS IN SPACE AND ROUTED IN CRAWL SPACE...
- 4. ALL NEW FIRE ALARM CABLING SHALL BE ROUTED IN NEW SOFFITS BEING CREATED TO INSTALL FIRE SPRINKLER LINES. FROM SOFFIT PROVIDE SURFACE MOUNTED CONDUIT AND BOXES AS REQUIRED TO SERVE NEW FIRE ALARM DETECTION AND NOTIFICATION APPLIANCES.
- 5. IT IS ACCEPTABLE TO INSTALL SURFACE
 MOUNTED DEVICES ON EXISTING WALLS SINCE
 MOST EXISTING WALLS ARE BLOCK. FROM
 THESE SURFACE MOUNTED DEVICES PROVIDE
 SURFACE MOUNTED CONDUIT DOWN INTO
 CRAWL SPACE FOR ROUTING OF BRANCH
 CIRCUIT TO OTHER DEVICE OR PANELBOARD.

SHERIDAN HEALTH SERVICES
SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS 21-107321

FLAG NOTES:

 THIS AUTOMATIC DOOR OPENER IS TO BE PRICED AS ALTERNATE #2.

- 2. PROVIDE SURFACE MOUNTED WATERPROOF
 JUNCTION BOX FOR INSTALLATION OF DOOR
 OPENER PUSHBUTTON (INSTALLATION OF PUSH
 BUTTON BY OTHERS). FROM JUNCTION BOX ROUTE
 3/4" EMT CONDUIT UP MULLION TO ABOVE CEILING
 ELEVATION AND INTO TO BUILDING INTERIOR TO
 DOOR OPENER CONTROLLER.
- PROVIDE 120-VOLT POWER CONNECTION TO DOOR OPENER CONTROLLER.
- 4. PROVIDE SURFACE MOUNTED JUNCTION BOX FOR INSTALLATION OF DOOR OPENER PUSHBUTTON (INSTALLATION OF PUSH BUTTON BY OTHERS). FROM JUNCTION BOX ROUTE 3/4" EMT CONDUIT UP FINISHED STRUCTURE TO ABOVE CEILING ELEVATION AND INTO TO BUILDING INTERIOR TO DOOR OPENER CONTROLLER.







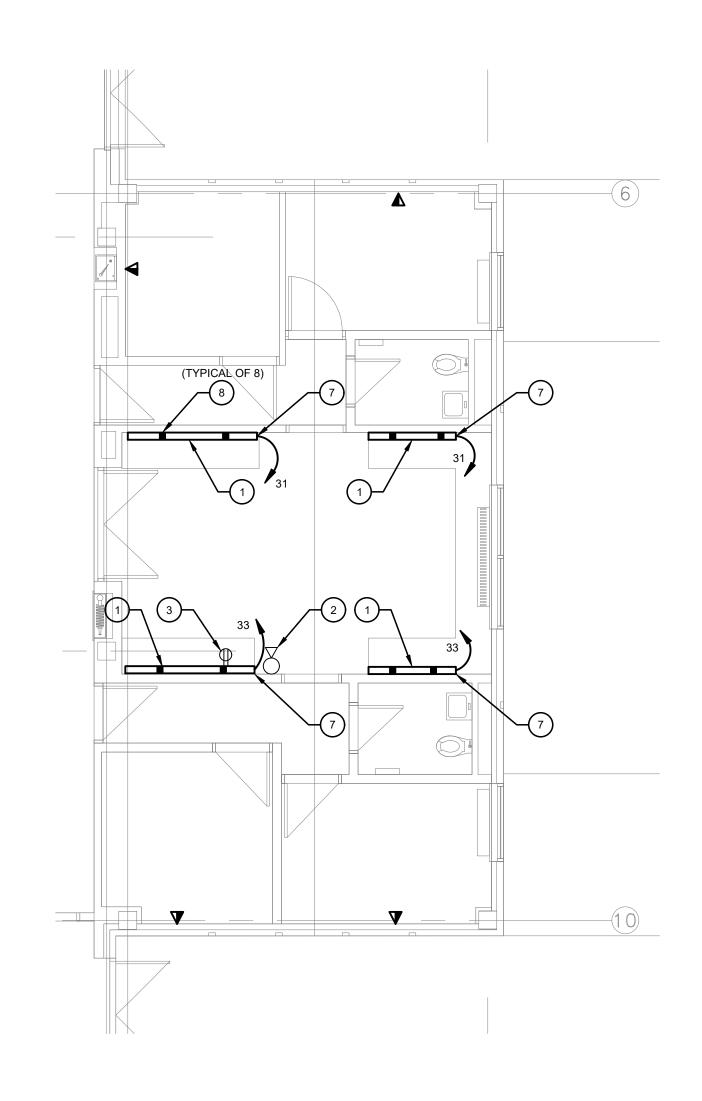
DATE DESCRIPTION
09/01/2023 DESIGN DEVELOPMENT
11/01/2023 CONSTRUCTION DOCUMENTS

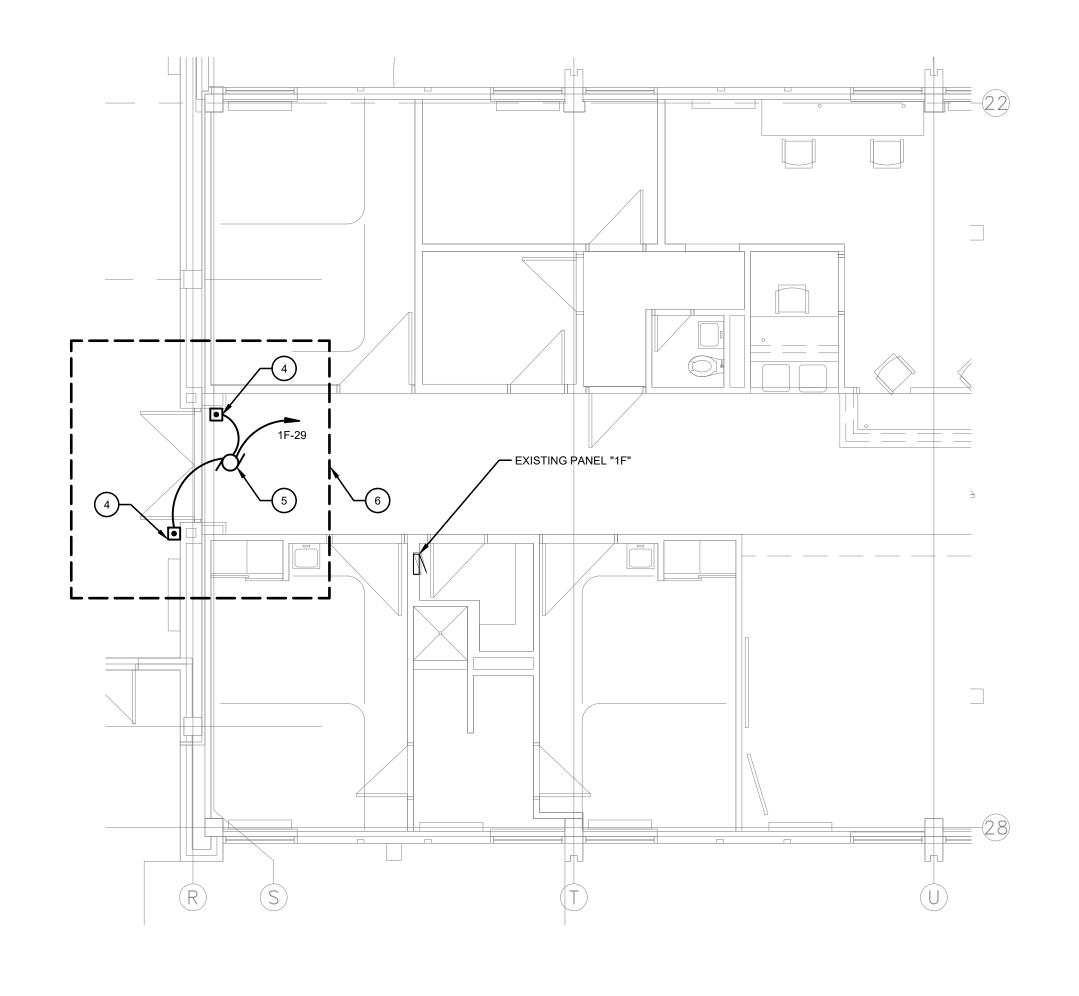
DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

BEHAVIOR HEALTH ELECTRICAL PLAN

E102

SCALE: AS NOTED









FLAG NOTES:

- 1. PROVIDE WIREMOLD #G-4000B (BASE) WITH
 WIREMOLD #G4000C(COVER) AND WIREMOLD
 #G4000D (DIVIDER) IN LENGTH AS INDICATED ON
 DRAWINGS. SURFACE MOUNTED RACEWAY AT +18".
- EXISTING FIRE ALARM NOTIFICATION APPLIANCE TO
- 3. EXISTING RECEPTACLE TO REMAIN.
- 4. PROVIDE SURFACE MOUNTED JUNCTION BOX FOR INSTALLATION OF DOOR OPENER PUSHBUTTON (INSTALLATION OF PUSH BUTTON BY OTHERS). FROM JUNCTION BOX ROUTE 3/4" EMT CONDUIT UP FINISHED STRUCTURE TO ABOVE CEILING ELEVATION AND INTO TO BUILDING INTERIOR TO DOOR OPENER
- PROVIDE 120-VOLT POWER CONNECTION TO DOOR OPENER CONTROLLER.

CONTROLLER.

- 6. THIS AUTOMATIC DOOR OPENER IS TO BE PRICED AS ALTERNATE #2.
- 7. PROVIDE WIREMOLD #G4010DFO (DIVIDED ENTRANCE END FITTING) FOR POWER AND COMMUNICATION TO SURFACE MOUNTED RACEWAY. ROUTE 1" EMT CONDUIT FROM COMMUNICATION COMPARTMENT OF SURFACE MOUNTED CONDUIT INTO CRAWL SPACE AND PROVIDE BUSHING ON EXPOSED END OF COMMUNICATION CONDUIT IN CRAWL SPACE. FROM POWER COMPARTMENT OF SURFACE MOUNTED RACEWAY ROUTE 3/4" EMT CONDUIT INTO CRAWL SPACE AND ROUTE IN CRAWL SPACE TO INDICATED PANEL AND THEN UP TO PANEL. PROVIDE WIREMOLD #G4010B (BLANK END) ON OPPOSITE END OF SURFACE MOUNTED RACEWAY.
- 8. PROVIDE WIREMOLD #G4047BS (TWO-GANG OVERLAMPPING COVER DUPLEX AND SERIES II MINI ADAPTOR). INSTALL SPECIFIED RECEPTACLE IN COVER AND CIRCUIT AS INDICATED.

NOTES:

- THE NUMBERS NEXT TO ELECTRICAL ITEMS
 INDICATE THE CIRCUIT NUMBER THAT BRANCH
 CIRCUIT SHALL OCCUPY IN PANEL "1F" UNLESS
 NOTED OTHERWISE.
- 2. FOR EACH COMMUNICATION DEVICE AND TELEVISION PROVIDE A 4"x4" RECESSED JUNCTION BOX WITH SINGLE GANG MUD RING. FROM JUNCTION BOX ROUTE 1" EMT CONDUIT INTO CRAWL SPACE BELOW. PROVIDE BUSHING
- ON EXPOSED END OF CONDUIT.

 3. ALL NEW POWER, COMMUNICATION AND LIGHTING BRANCH CIRCUITS SHALL BE ROUTED DOWN NEW / EXISTING WALLS INTO CRAWL SPACE BELOW UNLESS NOTED OTHERWISE DUE TO LIMITED CEILING ACCESS IN SPACE AND
- 4. ALL NEW FIRE ALARM CABLING SHALL BE ROUTED IN NEW SOFFITS BEING CREATED TO INSTALL FIRE SPRINKLER LINES. FROM SOFFIT PROVIDE SURFACE MOUNTED CONDUIT AND BOXES AS REQUIRED TO SERVE NEW FIRE ALARM DETECTION AND NOTIFICATION APPLIANCES.

ROUTED IN CRAWL SPACE.

5. IT IS ACCEPTABLE TO INSTALL SURFACE MOUNTED DEVICES ON EXISTING WALLS SINCE MOST EXISTING WALLS ARE BLOCK. FROM THESE SURFACE MOUNTED DEVICES PROVIDE SURFACE MOUNTED CONDUIT DOWN INTO CRAWL SPACE FOR ROUTING OF BRANCH CIRCUIT TO OTHER DEVICE OR PANELBOARD.



SHERIDAN HEALTH SERVICES
SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS 21-107321







DATE DESCRIPTION

09/01/2023 DESIGN DEVELOPMENT

11/01/2023 CONSTRUCTION DOCUMENTS

DRAWN BY: CG CHECKED BY: JM

OFFICE AND PRIMARY CARE
ELECTRICAL PLAN
SCALE: AS NOTED

RESULTS TO ENGINEER FOR EVALUATION AND

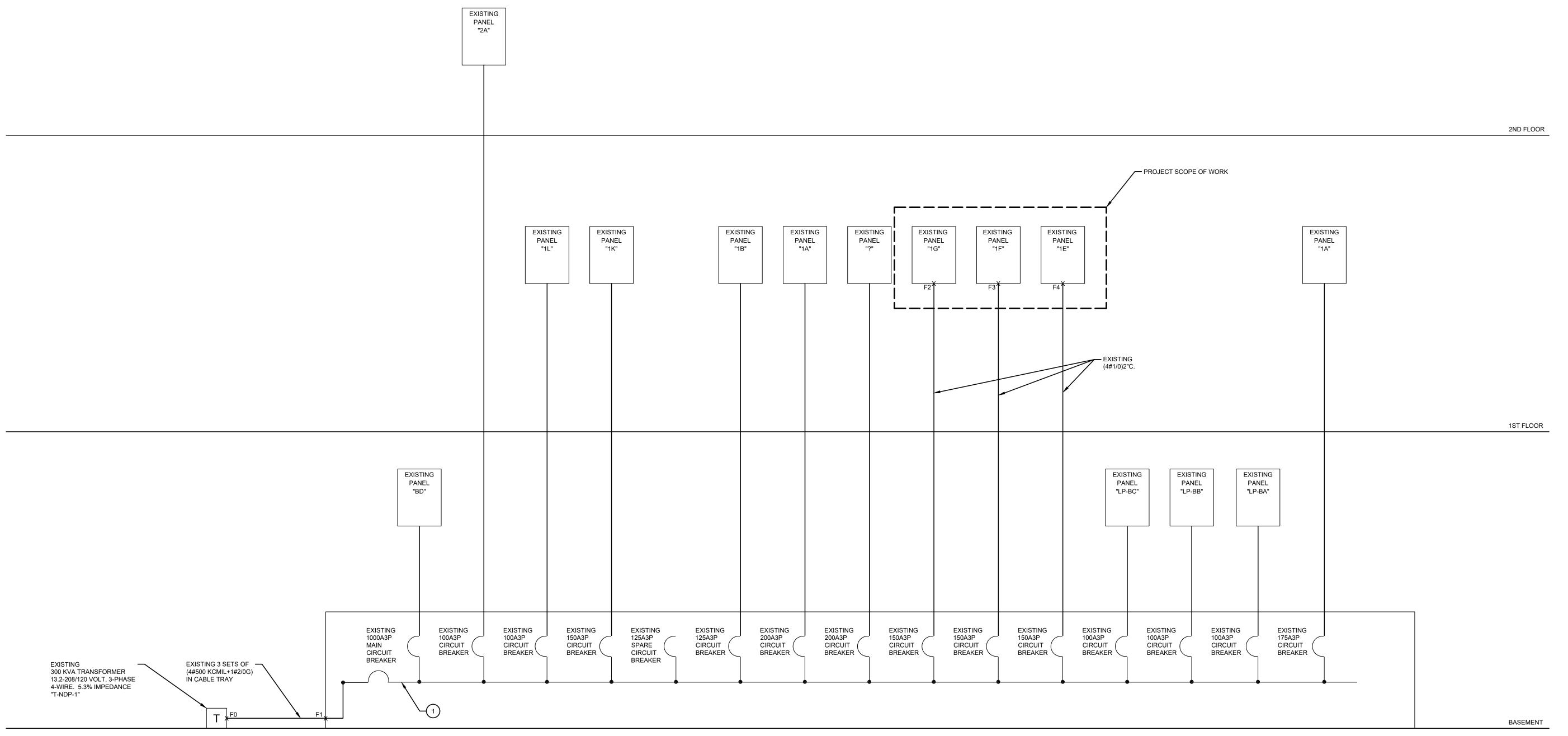
DIRECTION.

1. THE EXISTING INFORMATION INDICATED ON THIS DRAWINGS WAS FROM RECORD DRAWINGS AND IS BELIEVED TO BE CORRECT. IF INFORMATION IS FOUND TO BE INCORRECT NOTIFY PROJECT ENGINEER IMMEDIATELY.



SHERIDAN HEALTH SERVICES SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS



EXISTING NORMAL POWER DISTRIBUTION BOARD "NDP-1" - 208/120 VOLT, 3-PHASE, 4-WIRE, 1000-AMPS

PANEL "1G" LOAD SUMMARY

1,000 VA

1,500 VA

500 VA

EXISTING PANEL "1G" IS SERVED FROM A 150-AMP FEEDER FROM "NDP-1". LOAD ADDED TO PANEL AS A RESULT OF THIS PROJECT:

DOOR OPENERS (TYPICAL OF 2) = COUNTER RECEPTACLE =

TOTAL LOAD ADDED =

PANEL "1F" LOAD SUMMARY

EXISTING PANEL "1F" IS SERVED FROM 150-AMP FEEDER FROM "NDP-1" LOAD ADDED TO PANEL AS A RESULT OF THIS PROJECT:

DOOR OPENER = SURFACE MOUNTED RACEWAY =

TOTAL LOAD ADDED =

500 VA

1,440 VA

1,940 VA

PANEL "1E" LOAD SUMMARY EXISTING PANEL "1F" IS SERVED FROM 150-AMP FEEDER FROM "NDP-1" LOAD ADDED TO PANEL AS A RESULT OF THIS PROJECT:

> DOOR OPENER = STERILIZER = LIGHTING = SCANNER = DENTAL CHAIRS = LAB RECEPTACLE = TOTAL LOAD ADDED =

500 VA 2,000 VA 246 VA

1,000 VA

2,000 VA

8,186 VA

500 VA

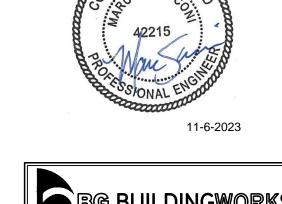
NEC BUILDING LOAD SUMMARY

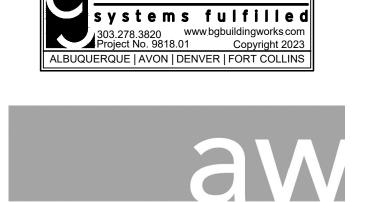
THE EXISTING BUILDING ELECTRICAL SERVICE IS A 1000 AMP SERVICE SERVED BY A 300 kVA TRANSFORMER. SO CAPACITY OF EXISTING DISTRIBUTION BOARD "NDP-1" IS 833 AMPS AT 208/120 VOLT, THREE PHASE.

LOAD ADDED TO ELECTRICAL SERVICE AS A RESULT OF THIS PROJECT IS AS FOLLOWS:

PANEL "1G" = 1,500 VA ADDED PANEL "1F" = 1,940 VA ADDED PANEL "1E" = 8,186 VA ADDED

11,626 VA (32.3 AMPS) ADDED LOAD TOTAL "NDP-1" WILL BE METERED FOR 30 DAYS TO CONFIRM THAT SUFFICIENT CAPACITY EXISTS IN PANEL TO ACCOMMODATE ADDED ELECTRICAL LOAD.





ARCHITECTURAL WORKSHOP . DENVER COLORADO

DATE	DESCRIPTION
09/01/2023	DESIGN DEVELOPMENT
11/01/2023	CONSTRUCTION DOCUMENTS

DRAWN BY: CG CHECKED BY: JM PROJECT: 2207SHS INITIAL DATE: TBD

ELECTRICAL ONE-LINE DIAGRAM SCALE: AS NOTED

DΛ	NEL				(E)1G							V	LTA	GE:		120/208	V, 3P	H, 4\	Ν	
FA	INEL	•			(L)IG							MI	NIMU	JM E	BUS:	225				
LO	CAT	ION:			ELECT	RICAL RO	OM					M/	NIN:			MLO				
MC	TNUC	TING	:		RECES	SED			İ			MI	NIMU	JM A	NC:	10,000				
NO.	Α	LOAD B	С	TYPE	LOAD DE	SCRIPTION	BRE/		Α	BUS	С		POLE	TYPE	LOAD DE	SCRIPTION	A	LOAD B	С	NO.
1	586			Ĺ	(E) CORRIDO	R LTG (1)	1	20	+			20	1	R	(E) RECEPT	CIRCUIT (1)	1440		_	2
3		263		Ē	(N) OFFICE L	\ /	1	20		+		20	1	R	(E) RECEPT	\ /		1440		4
5			1080	L	(E) EXAM LT	, ,	1	20			+	20	1	R	(E) RECEPT				1440	6
7	1080			L	(E) EXAM LT		1	20	+			20	1	R	(E) RECEPT		1440			8
9		1080	4000	L	(E) EXAM LT		1	20		+		20	1	R	(E) RECEPT			1440	4440	10
11	1080		1080	L	(E) EXAM LTO	, ,	1	20			+	20	1	R	(E) RECEPT	\ /	1440		1440	12
15	1080	1080		L	(E) EXAM LT	1 /	1	20	+	+		20	1	R	(E) RECEPT	\ /	1440	1440		14 16
17		1000	1080	L	(E) EXAM LT	, ,	1	20		•	+	20	1	R	(E) RECEPT	1.7		1770	1440	18
19	1080		.555	Ĺ	(E) EXAM LT		1	20	+			20	1	R	(E) RECEPT	. ,	1440			20
21		1080		L	(E) EXAM LT	G (1)	1	20		+		20	1	R	(E) RECEPT			1440		22
23			1800	Е	(E) UNIT VEN	- ()	1	20			+	20	1		SPARE					24
25	1800			E	(E) UNIT VEN	()	1	20	+						SPACE					26
27		1800	500	E	(E) UNIT VEN	()	1	20		+		20			SPACE	(4)			4000	28
29 31	540		500	E R	(E) DOOR OF (E) LOBBY R		1	20	+		+	20	1	A	(E) COFFEE		1000		1000	30 32
33	540	1260		R	(E) PHARMA	()	1	20		+		20	1	A	(E) MICROW	1 /	1000	1000		34
35		1200	540	R	(E) PHARMA	()	1	20		T	+	20	1	R	(E) OFFICE F			1000	360	36
37	720		040	R	(E) PHARMA	\ /	1	20	+			20	1	R	(E) OFFICE F	\ <i>\</i>	540		000	38
39		390		E	(E) PHARMA	1	1	20		+		20	1	E	(E) FA BOOS	, ,	0.0	100		40
41			390	Е	(E) BLOOD D	RAW REF (1)	1	20			+	20	1	L	(E) LOBBY L	IGHTING (1)			568	42
43	900			R	(E) OFFICE F		1	20	+			20	1	L	(E) EXTERIO	R LTG (1)	160			44
45		360		R	(E) OFFICE F		1	20		+		15	1		SPARE					46
47			1580	Е	(E) COPIER (,	1	20			+	20	1		SPARE					48
49	540	E00			(E) OFFICE F	. ,	1	20	+			20	1	_	SPARE (N) COUNTE	B BEC (2)		F00		50
51 53		500	1580	E	(E) COPIER (. ,	1	20		+	+	20	1	E M	(N) DOOR OF	. ,		500	500	52 54
33			1300		. ,	.1)					Т			IVI	(N) DOOK O	1			500	34
LC	OAD TYP	E	PANEL	TOTAL	FEED THRU TOTAL	SUBFEED TOTAL	FEE SUBT		D	EMAN	ID		DER TAL			GENERAI				
4.) 1.101	TIMO			14007	IOIAL					4050/						ig eaton P1A PA	NELBOAF	RD.		
(L) LIGH (R) REC		EC		11297 21600				297 300		125% IEC 22		_	14121 15800		B. C.					
(K) REC				500				000	1	25%	U		125		D.					
(M) MO				1000				100		100%	1		1000		E					
(E) EQU			1	10440			104	140		100%	1	1	10440			SPECIFIC	NOTE	S:		
(A) APP	LIANCES	3		3000			30	000		3	· ·		2700			IG LOAD INFORMA	CONTRACTOR OF THE PARTY OF THE			
							PAN	IEL T	OTA	L (K	VA):	4/	1.2			D DRAWINGS AND VATION.	FROMS	ΠE		
							DAN	IEL T	OT 4	I /A	١.	4	23			ATE BRANCH CIR	CUIT ONT	O EXISTI	VG	
							PAN	IEL T	UIF	ı∟ (A):	1.	دع		SPARE	CIRCUIT BREAKE	2.			

PA	NEL	:			(E) 1E								LTA				120/208	3V, 3F	PH, 4	W	
														JM B	US:		225				
LO	CAT	ION:			ELECT	RICAL RO	OM					MA	NN:				MLO				
MC	TNUC	ING	:		RECES	SED						MI	NIMU	JM A	IC:		10,000				
		LOAD					BRE	AKER		BUS		BREA	KER						LOAD		
NO.	Α	В	С	TYPE	100000000000000000000000000000000000000	SCRIPTION		TRIP	Α	В	С		POLE	TYPE			SCRIPTION	Α	В	С	NC
1	586				(E) CORRIDO	\ /	1	20	+			20	1		. ,		CIRCUIT (1)	1440			2
3		1080			(E) EXAM LT		1	20		+		20	1				CIRCUIT (1)		1440		4
5			1080		(E) EXAM LTO		1	20			+	20	1				CIRCUIT (1)			1440	6
7	1080				(E) EXAM LT		1	20	+			20	1		. ,		CIRCUIT (1)	1440			8
9		1080			(E) EXAM LT		1	20		+		20	1				CIRCUIT (1)		1440		10
11			1080		(E) EXAM LT		1	20			+	20	1				CIRCUIT (1)			1440	12
13	1080	1000			(E) EXAM LT		1	20	+			20	1				CIRCUIT (1)	1440	1110		14
15		1080			(E) EXAM LTO		1	20		+		20	1		` '		CIRCUIT (1)		1440		16
17			1080		(E) EXAM LT	\ /	1	20			+	20	1		` '		CIRCUIT (1)			1440	18
19	1080			_	(E) EXAM LT	` '	1	20	+			20	1		` '		CIRCUIT (1)	1440			20
21		1080		_	(E) EXAM LT		1	20		+		20	1				CIRCUIT (1)		1440		22
23			1800		(E) UNIT VEN	\ /	1	20			+	20	1		(E) CC						24
25	1800				(E) UNIT VEN	1	1	20	+			20	1	Α	(E) MI	CROW	AVE (1)	1440			26
27		1800			(E) UNIT VEN		1	20		+		20	1	R			CIRCUIT (1)		1440		28
29			960		(E) D-3A BAC		1	20			+	20	1				PENER (2)			500	30
31	480			Е	(E) D-11C CE	NT ISLAND (1)	1	20	+			20	1	L	(E) W/	AITING	LTG (1)	325			32
33		1000		E	(N) STERILIZ	ER (4)	2	45		+		15	1	L	(E) DE	NTAL	LIGHTS (1)		72		34
35			1000	Е	-		2	15			+	20	1	Е	(E) FA	BOOS	STER (1)			100	36
37	1393			LM	(E) D-26A VA	C PUMP (1)	•	20	+			20	1	Α	(E) RE	FRIG	ERATOR (1)	700			38
39		1393		LM	_		2	20		+		20	1	L	(E) EX	TERIO	R LTG (1)		160		40
41			120	M	(E) D30A H20	O VALVE (1)	1	20			+	20	1	L	(N) LIC	HTING	G (2)			246	42
43	180				(E) LOBBY T	1 /	1	20	+			20	1	E	(N) SC		• •	1000			44
45		500			(E) DOOR OF	1	1	20		+				M			COMP (1)	1000	832		46
47		-	360		(E) OFFICE F	· /	1	20			+	20	2	M	_		(.)		002	832	48
49	1580		000		(E) COPIER (` '		20	+			20	1		(N) DE	NTAL	CHAIR (3)	1000		002	50
51	1000	360			(E) OFFICE F		1	20	Ė	+		20	1				CHAIR (3)	1000	1000		52
53		000	180		(E) COUNTER		1	20			+	20	1		LAB R				1000	500	54
					FEED THRU			DED					DER				CENEDA	NOTE	· C ·		
LC	DAD TYP	E	PANEL	TOTAL	TOTAL	SUBFEED TOTAL		DER OTAL	D	EMAN	ID	TO.			Α.	FXISTIN	GENERA G EATON P1A PA				
(L) LIGH	ITING		1	2189			12	189		125%			5236		В.	Daoria	O B II OII I I I I I	WILLEDON.	ii (D.		
	EPTACL	FS		8360				360		IEC 22			4180		C.						
	ARGEST			2786				786	- 15	25%	.0		697		D.						
	TORS (A			4570				570		100%			4570		E.						
	IPMENT	LL)		5020				020		100%		-	5020		L		SPECIFIC	CNOTE	· ·		
	LANCES			2140				140		2			2140		(1)	EVICTIN	G LOAD INFORM		(2) 10		
A) AFF	LIANCE)		2140				140		2	_		2140		(1)		D DRAWINGS AN				
							PA	NEL T	OTA	L (K	VA):	51	1.8					DIROW	SIIL		
															(0)		VATION.	OLUT ON	TO EVICT	INIO	
							PA	NEL T	OTA	L (A):	14	44		(2)		ATE BRANCH CIR CIRCUIT BREAKE		IO EXISI	ING	
															(2)		E EXISTING CIRC	51.5050	IZED AND	DEDI A	OF.
															(3)	-11111111111111111111111111111111111111	A COUNTY MILES CONTROL				CE
																	EW CUTLER HAM		1020GF	5MA	
															(4)		RCUIT BREAKER.		14ED 4		0=
															(4)		E EXISTING CIRC UTLER HAMMER #				
																					KED

A 15.1	NEL	~			(E) 1F							MI	LTA NIMU			22	200	/, 3PF	I, 4V	/	
	CAT				M 1997 LANE D 100	RICAL ROC	MC					,5,5,5,5	AIN:			ML	1000				
MC	ראטכ	<u> </u>	:		RECES	SED						MI	NIMU	JM A	AIC:	10	,000				
VO.	Α	LOAD B	С	TYPE	LOAD D	ESCRIPTION		AKER	Α	BUS	С		AKER	TYPE	LOAD	DESCRI	PTION	A	LOAD B	С	NO.
1	574			L	(E) CORRIDO	R LTG (1)	1	20	+			20	1	R	(E) RECE	PT CIRCU	IT (1)	1440			2
3		1080		L	(E) EXAM LT	G (1)	1	20		+		20	1	R	(E) RECE	PT CIRCU	IT (1)		1440		4
5			1080	L	(E) EXAM LT	G (1)	1	20			+	20	1	R	(E) RECE	PT CIRCU	IT (1)			1440	6
7	1080			Г	(E) EXAM LT		1	20	+			20	1	R	(E) RECE		, ,	1440			8
9		1080		L	(E) EXAM LT		1	20		+		20	1	R	(E) RECE				1440		10
11			1080		(E) EXAM LT	, ,	1	20			+	20	1	R	(E) RECE					1440	12
13	1080				(E) EXAM LT		1	20	+			20	1	R	(E) RECE		. ,	1440			14
15		1080			(E) EXAM LT	()	1	20		+		20	1	R	(E) RECE		1 ,		1440		16
17			1080		(E) EXAM LT	\ /	1	20			+	20	1	R	(E) RECE		. ,			1440	18
19	1080			L	(E) EXAM LT	. ,	1	20	+			20	1	R	(E) RECE			1440			20
21		1080	10	10000	(E) EXAM LT	\ /	1	20		+		20	1	R	(E) RECEI	PTCIRCU	II (1)		1440		22
23	4000		1800		(E) UNIT VEN		1	20			+	20	1	_	SPARE	DT O'DO''	IT /4\	4115			24
25	1800	1000			(E) UNIT VEN	` '	1	20	+			20	1	R	(E) RECE		, ,	1440	1110		26
27		1800	500	1111	(E) UNIT VEN	. ,	1	20		+		20	1	R	(E) RECEI	PT CIRCU	11 (1)		1440		28
29	700		500		(N) DOOR OF (N) SURFACE	, ,	1	20			+	20	1		SPARE SPARE						30
31	720	720			(N) SURFACI			1-01	+	+		1-0	1		SPARE						32
33		720		Е	SPARE	E RACE (2)	1	20			+	20			SPARE						34
35 37					SPARE		1	20	+		_	20	1		SPARE						36 38
39					SPARE		1	20	_	+		20	1		SPARE						40
41			1000	Α	(E) DISHWAS	SHER	1	20		_	+	20	1		SPARE						42
43			1000	А	SPARE	JILIX	1	20	+		т.	20	1		SPARE						44
45					SPARE		1	20	Ė	+		20	1		SPARE						46
47			160	L	(E) EXTERIO	R LIGHTING	1	20			+	20	1		SPARE						48
49				-	SPARE		1	20	+			20	1		SPARE						50
51					SPARE		1	20	Ė	+		20	1		SPARE						52
53					SPARE		1	20			+	20	1		SPARE						54
L	OAD TYP	E	PANEL	TOTAL	TOTAL	SUBFEED TOTAL		EDER FOTAL	D	EMAN	D	FEE			. Inco		SENERAL				
	T. 10			4504	IOIAL			11111		10501			1000			STING EATO	N P1A PANI	TROAKL).		
	TING	FD.		1534				1534	_	125%	^		14418		B.						
	EPTACL ARGEST		1	8720 500				3720 500	N	25%	U	1	125		C.						
	TORS (A			500				500		100%			500		E.						
•	JIPMENT	/		6840				840		100%	1		6840				SPECIFIC	NOTES			
	PLIANCES	S		1000				000		1			1000		(1) FXE	STING LOAD					
., . 11 1		-		. 555											. ,	CORD DRAW	The second second second				
							PA	NEL T	OTA	L (K	VA):	37	7.2			SERVATION.			_		
							PA	NEL T	ОТА	L (A)):	10	03		(2) TER	MINATE BRA		JIT ONTO	EXISTING	3	

					DENTA	L EQUIPME	NT SCHI	EDULE			
MARK	DESCRIPTION	VOLT/	HP/	AMPS		CONNECT			FEEDER	CIRCUIT	SPECIFIC NOTES
WANN	DESCRIPTION	PHASE	WATTS	AIVIFS	HARDWIRED	RECEPTACLE	T	HEIGHT	FEEDER	CIRCOTT	SPECIFIC NOTES
D3A	DENTAL CHAIR POWER	120/1	240 WATTS	2.0	-	NEMA 5-20 (4-PLEX)		ON FLOOR	(2#12+1#12G)3/4"C.	SEE DRAWINGS	#1
GENERAL	NOTES:										
A.											
B.											
SPECIFIC	NOTES:				•			•			

(1) MOUNT 4-PLEX RECEPTACLE WITH BOTTOM OF ELECTRICAL BOX ATTACHED TO FLOOR. COORDINATE EXACT LOCATION WITH HENRY SCHEIN AND DENTAL CHAIR ROUGH-IN

Report date: 11/01/23 Page 1 of 5

				S	HORT C	IRCUI	T CALC	CULAT	IONS S	UMMAF	RY				
POINT	EQUIP.	LENGTH	VOLT	WIRE SIZE	CONDUCTO R MATERIAL	CONDUIT	VOLTAGE CLASS (V)	CARIES	C VALUE *	# OF PARALLEL RUNS	Isc AVAILABLE UPSTREAM	f*	M *	Isc (FAULT) *	POINT
F1	NDP-1	20	208	500	С	S	600	S	22,185	3	15,725	0	1	15,130	F1
F2	PANEL 1G	160	208	1X	С	S	600	S	8,924	1	15,130	2	0	4,643	F2
F3	PANEL 1F	200	208	1X	С	S	600	S	8,924	1	15,130	3	0	3,957	F3
F4	PANEL 1E	300	208	1X	С	S	600	S	8,924	1	15,130	4	0	2,890	F4
* AUT	OMATICALLY CALC	ULATED													
UTILI	TY TRANSFORMER	R SIZE:				300	KVA	5.3% IMPE	DANCE						
MAXII	MUM AVAILABLE (S	SYMMETRI	CAL) FAU	ILT AT TH	E SECONDAR'	15,725	AMPS								

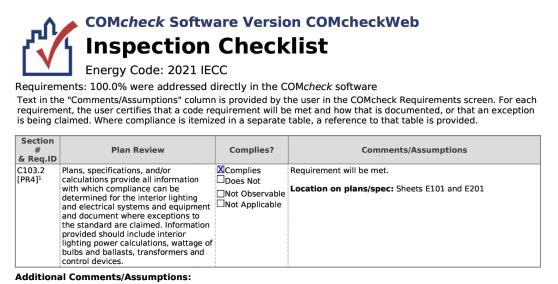
					LUMINA	AIRE SC	HEDU	JLE		
TYPE	DESCRIPTION	MOUNTING	RECESS		LAMPS	INPUT	VOLT	MANUFACTURER	CATALOG NUMBER	SPECIFIC NOTES
ITPE	DESCRIPTION	MOUNTING	DEPTH	QTY	TYPE	WATTS	VOLI	MANUFACTURER	CATALOG NOWBER	SPECIFIC NOTES
S1	SURFACE MOUNTED LED FIXTURE WITH ACRYLIC LENS AND 0-10 VOLT DIMMING.	SURFACE	N/A		WITH FIXTURE	41	UNV	CORELITE	RZL-NL-50L935-1D-UNV-STD-W-SU-4	
GENE	RAL NOTES:									
SPECI	IFIC NOTES:									
(1)										



TEMPLATE.

Project Title: Sheridan Health

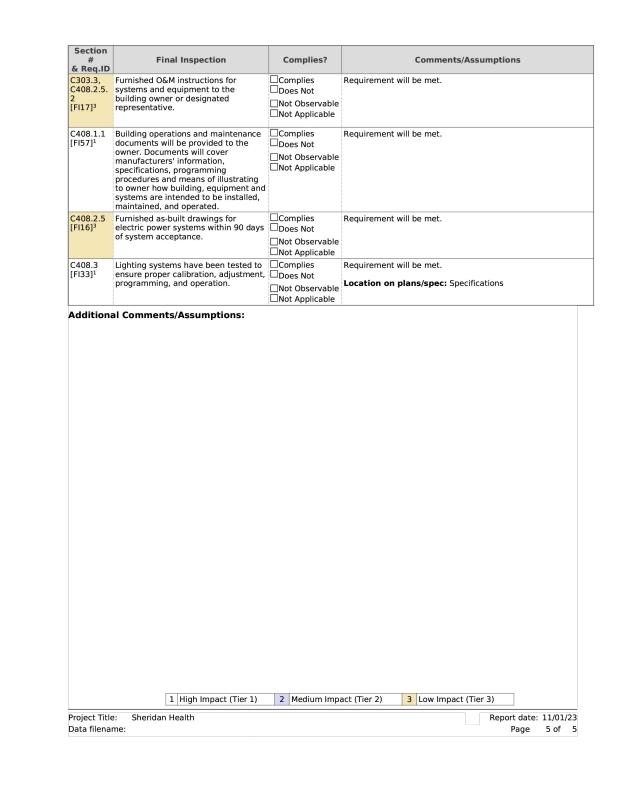
Data filename:



	1 H	ligh Impact (1	Tier 1)	2	Medium Impact (Tier 2))	3	Low Impact (Tier :	3)		
ct Title: filename:	Sheridan Hea	lth							Report date: Page	11/01/ 2 of	

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3. 1 [EL22] ¹	Spaces required to have light- reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: Sheet E101
C405.2.1, C405.2.1. 1 [EL18] ¹	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, corridors, warehouse storage areas, and other spaces <= 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply. Location on plans/spec: Sheet E101
C405.2.1. 2 [EL19] ¹	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more within 20 minutes of when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor. Lights not turned off by occupant sensors is done so by timeswitch.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply. Location on plans/spec: Sheet E101
C405.2.1. 3 [EL20] ¹	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas <= 600 sq.ft. within the space, 2) general lighting in each zone permitted to turn on upon occupancy in control zones, 3) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 4) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply. Location on plans/spec: Sheet 101
C405.2.2, C405.2.2. 1 [EL21] ²	Each area not served by occupancy sensors (per C405.2.1.1) have timeswitch controls and functions detailed in sections C405.2.2.1.	□Complies □Does Not □Not Observable □Not Applicable	Exception: Spaces with patient care. Location on plans/spec: Sheet E101
,	1 High Impact (Tier 1)	□Not Applicable	act (Tier 2) 3 Low Impact (Tier 3)

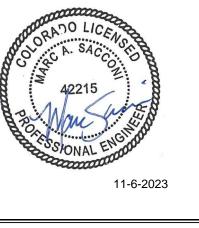
# & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.4,	individual controls that control the lights independent of general area lighting. See code section C405.2.3	□Complies □Does Not □Not Observable □Not Applicable	Exception: Spaces where health patient care is directly provided. Location on plans/spec: Sheet E101
C405.2.5 [EL27] ¹	approved lighting plans and is automatically controlled and	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: Sheet E101
C405.7 [EL26] ²	minimum efficiency requirements of Table C405.6.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Exception: Requirement does not apply.
C405.8 [EL27] ²	C405 7(1) through C405 7(4)	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
C405.9.1, C405.9.2 [EL28] ²	with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply.
C405.10 [EL29] ²	Total voltage drop across the combination of feeders and branch circuits <= 5%.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met. Location on plans/spec: Project Specification
C405.1.1 [EL30] ²	At least 90% of dwelling unit permanently installed lighting shall have lamp efficacy >= 65 lm/W or luminaires with efficacy >= 45 lm/W	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	Exception: Requirement does not apply.
C405.11, C405.11.1 [EL31] ²	conference rooms, copy rooms, break rooms, classrooms and workstations	□Complies □Does Not □Not Observable □Not Applicable	Exception: Requirement does not apply. Location on plans/spec: N/A
Additiona	al Comments/Assumptions:		





SHERIDAN HEALTH SERVICES
SUITE REMODELS

UNIVERSITY OF COLORADO ANSCHUTZ
MEDICAL CAMPUS





ARCHITECTURAL WORKSHOP . DENVER COLORADO

DATE DESCRIPTION
09/01/2023 DESIGN DEVELOPMENT
11/01/2023 CONSTRUCTION DOCUMENTS

DRAWN BY: CG CHECKED BY: JM
PROJECT: 2207SHS INITIAL DATE: TBD

ELECTRICAL SCHEDULES
AND COMCHECK
SCALE: AS NOTED