THE MEDICAL CENTER OF AURORA

21-047 TMCA SOUTH OR SURGERY WAITING

1501 S. POTOMAC ST AURORA, CO 80012

ISSUE DATE: 27 MAY 2022
PROJECT #: 21-047

ISSUE FOR CONSTRUCTION

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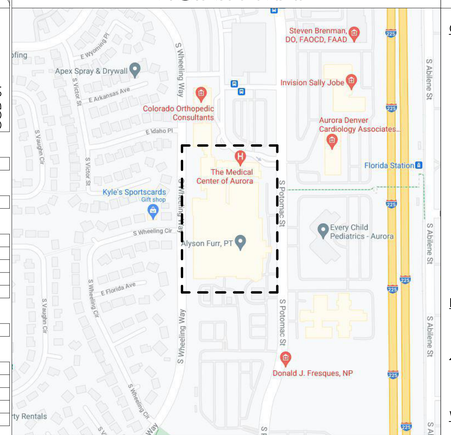
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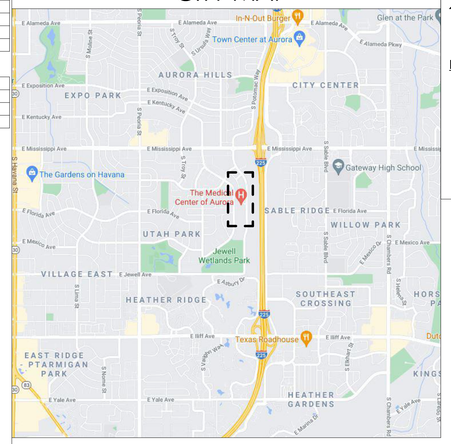
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06 - ARCHITECTURAL				
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A.571	TYPICAL CASEWORK SECTIONS & DETAILS	•		
07 - INTERIORS				
I.201	FINISH PLAN & SCHEDULE	•	•	
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M.201	MECHANICAL PLAN	•		•
11 - ELECTRICAL				
E.000	ELECTRICAL SYMBOLS, ABBREVIATIONS & NOTES	•		
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F2	FURNITURE RENDERING 1	•		
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F4	FURNITURE RENDERING 3	•		

VICINITY MAP

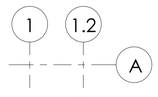


CITY MAP

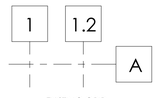


GENERAL SYMBOLS LEGEND

COLUMN GRID DESIGNATION

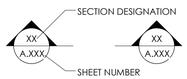


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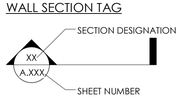


EXISTING GRID

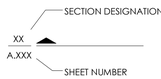
BUILDING SECTION TAG



WALL SECTION TAG



DETAIL CALLOUT TAG



NOTE TAGS

(1) NOTE BY NUMBER

XX.XXX SPECIFICATION NOTE

DOOR TAG

XXX DOOR TAG

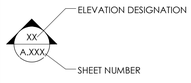
GLAZING TAG

GL-X GLAZING DESIGNATION PER SPECIFICATIONS

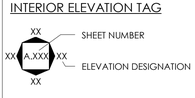
ARCHITECTURAL WOODWORK

24" CABINET WIDTH
A1 CABINET TYPE

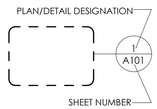
EXTERIOR ELEVATION TAG



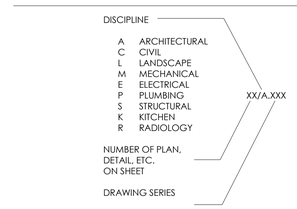
INTERIOR ELEVATION TAG



ENLARGED PLAN / CALLOUT TAG



DRAWING NUMBER KEY



GENERAL PROJECT NOTES

1. REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.
2. DO NOT SCALE THE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING.
3. DIMENSIONS SHOWN ON THE FLOOR PLANS FOR NEW CONSTRUCTION ARE TO THE FACE OF FINISH OF INTERIOR WALLS, TO CENTERLINE OF COLUMNS, AND TO FACE OF CONCRETE OR MASONRY WALLS, UNLESS NOTED OTHERWISE. DIMENSIONS IN RENOVATED AREAS ARE FROM FINISH FACE OF EXISTING WALLS TO FINISH FACE OF NEW STUD WALLS, UNLESS NOTED OTHERWISE.
4. FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER-PROVIDED EQUIPMENT AND FURNISHINGS. COORDINATE WITH THE OWNER ON DELIVERY AND INSTALLATION OF OFCI EQUIPMENT.
5. FINISH FLOOR ELEVATIONS ARE TO TOP OF FINISHED FLOORING PRODUCT, NOTED BY "AFF" (ABOVE FINISH FLOOR), UNLESS NOTED OTHERWISE.
6. COORDINATE EXACT SIZE AND PLACEMENT OF EQUIPMENT BASE AND HOUSEKEEPING PADS WITH EQUIPMENT TO BE PROVIDED.
7. WHERE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD SHALL BE ALIGNED WITH THE FACE OF THE EXISTING SURFACE. WHERE A ONE-HOUR PARTITION IS SHOWN AS A CONTINUATION OF A TWO-HOUR PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE GYPSUM BOARD SHALL BE OFFSET AS REQUIRED TO PROVIDE FACE ALIGNMENT OF GYPSUM BOARD ON BOTH SIDES.
8. LEVEL FLOORS SO THAT THEY DO NOT EXCEED A 1/4" VARIANCE IN A 10'-0" RADIUS.
9. PIPING LOCATED ABOVE GRADE AND INSIDE THE BUILDING SHALL BE CONCEALED IN FURRED SPACES WITH THE EXCEPTION OF PIPING IN STAIRWAYS, EQUIPMENT ROOMS, AND POWERHOUSE. COORDINATE WITH OTHER TRADES TO PROVIDE FURRING FOR PIPING INSTALLED IN FINISHED AREAS.
10. PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
11. OPENINGS IN RATED WALL, FLOOR, CEILING, AND ROOF ASSEMBLIES SHALL BE SEALED WITH A FIRE RESISTANT JOINT SYSTEM OR PROTECTED WITH A FIRE RATED CHASE.
12. EXIT SIGNS AND SMOKE DETECTORS LOCATED IN CEILINGS SHALL BE POSITIONED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
13. WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
14. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
15. SEALANTS EXPOSED TO VIEW SHALL BE CUSTOM COLOR AS SELECTED BY THE ARCHITECT.
16. COORDINATE LOCATION OF SEALANT AND COMPATIBILITY OF SEALANTS WITH ADJACENT WORK, INCLUDING MATERIALS AND OTHER CONTIGUOUS SEALANTS.
17. CAULK AT JUNCTURE OF INTERIOR FACES OF DOOR FRAMES, VIEW WINDOW FRAMES, EXTERIOR WINDOW FRAMES, AND CABINET WORK WITH ADJACENT MATERIALS. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.

ABBREVIATIONS LEGEND

ACC	ACCESSIBLE	NIC	NOT IN CONTRACT
AFF	ABOVE FINISHED FLOOR	NTS	NOT TO SCALE
APPROX	APPROXIMATE	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
ARCH	ARCHITECTURAL	OFOI	OWNER FURNISHED, OWNER INSTALLED
B.O.___	BOTTOM OF ___	OPP	OPPOSITE
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	PERP	PERPENDICULAR
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED	PLBG	PLUMBING
CL	CENTER LINE	PLYWD	PLYWOOD
CLG	CEILING	RE:	REFER TO ___
CLR	CLEAR	REF	REFRIGERATOR
CMU	CONCRETE MASONRY UNIT	REINF	REINFORCE, REINFORCING
COORD	COORDINATE	RO	ROUGH OPENING
CORR	CORRIDOR	ROW	RIGHT OF WAY
DBL	DOUBLE	SCHED	SCHEDULE
DEMO	DEMOLISH, DEMOLITION	SF	SQUARE FOOT(FEET)
EA	EACH	SIM	SIMILAR
ELEC	ELECTRIC(AL)	SPEC	SPECIFICATION
ELEV	ELEVATOR	STC	SOUND TRANSMISSION CLASS
EQ	EQUAL	STD	STANDARD
(E), EXST	EXISTING	STL	STEEL
FF	FINISH FACE	STRUCT	STRUCTURAL
FF EL	FINISHED FLOOR ELEVATION	T	TREAD
FLR	FLOOR	T&G	TONGUE & GROOVE
FO	FINISHED OPENING	TEMP	TEMPORARY
FP	FIRE PROTECTION	T.O.	TOP OF ___
FV	FIELD VERIFY	TOPO	TOPOGRAPHY, TOPOGRAPHIC
GALV	GALVANIZED	TYP	TYPICAL
GYP BD	GYPSUM BOARD	UL	UNDERWRITER'S LABORATORIES
GYP PLAS	GYPSUM PLASTER	UNFIN	UNFINISHED
INSUL	INSULATION	UNO	UNLESS NOTED OTHERWISE
LAV	LAVATORY	W/	WITH
LVR	LOUVER	W/O	WITHOUT
MAX	MAXIMUM	WC	WATER CLOSET
MECH	MECHANICAL	WD	WOOD
MFR	MANUFACTURER	X	BY
MIN	MINIMUM		
MISC	MISCELLANEOUS		

PROJECT DESCRIPTION

REFINISH OF AN EXISTING OR WAITING AREA AND TWO CONSULT ROOMS TO IMPROVE CIRCULATION AND FLOW OF THE SPACE. THE REGISTRATION DESK WILL BE RELOCATED TO SUPPORT THIS NEW FLOW AND PARTITIONS WILL BE ADDED. THE WORK IS TO BE PHASED AND ACCESS TO THE OR SUITE MUST BE MAINTAINED THROUGHOUT CONSTRUCTION. SCOPE TO INCLUDE UPDATED LIGHTING, ELECTRICAL, PLUMBING, CASEWORK, FURNISHINGS AND FINISHES. OVERALL PROJECT AREA IS APPROXIMATELY 1885 SF.

PROJECT DATA

- **CODES/ LAWS:**
  CITY OF AURORA:
  2021 INTERNATIONAL BUILDING CODE (IBC)
  2021 INTERNATIONAL MECHANICAL CODE (IMC)
  2021 INTERNATIONAL FUEL GAS CODE (IFGC)
  2021 INTERNATIONAL FIRE CODE (IFC)
  2021 INTERNATIONAL PLUMBING CODE (IPC)
  2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
  2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
  2020 NATIONAL ELECTRICAL CODE (NEC)

  STATE OF COLORADO:
  2006 COLORADO DEPARTMENT OF HEALTH AND ENVIRONMENT - HOSPITAL LICENSING RULES
  2012 NFPA 101 - LIFE SAFETY CODE
  FEDERAL:
  2010 AMERICANS WITH DISABILITIES ACT GUIDELINES
  2017 ICC / ANSI A117.1 ACCESSIBILITY CODE
- **OCCUPANCY CLASSIFICATION:**
  2015 IBC - GROUP I-2 (SECTION 308.4)
  2012 NFPA 101 - EXISTING HEALTHCARE OCCUPANCY (CHAPTER 19)
- **PRINCIPAL OCCUPANCY TYPE:** I-2
- **CONSTRUCTION TYPE:**

  EXISTING: SBC - TYPE 1-A, UNRESTRAINED, FULLY SPRINKLERED

  NEW: 2021 IBC - TYPE 1-A, FULLY SPRINKLERED
  2012 NFPA 220 - TYPE 1 (332)

City of Aurora Building Division
Project: ***Plan Revisions***
Address: ***1501 S Potomac St***
Occupancy Group: ***I2***
Construction Type: ***IA-Spk***
RSN: ***1697879***
Permit: ***23-2295185-LT***

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: **Jlocke**
Date: **Mar 27, 2023**
2021 INTERNATIONAL CODES & 2020 NEC

Consultant Team

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ph: 303.225.6320

No.	Description	Date
1	Addendum 01	07/06/2022
2	CCD-01	03/21/23

STATE OF COLORADO
JOHN MENNO NAP
401729
LICENSED ARCHITECT
03/21/2023

21-047 TMCA SOUTH OR SURGERY WAITING

1501 S. POTOMAC ST AURORA, CO 80012

Issue	ISSUE FOR CONSTRUCTION
Date	27 MAY 2022
Project Number	21-047
Drawn by	JL
Checked by	SL, JMN

Sheet Title
COVER & DRAWING INDEX

Sheet Number
G.101

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REFLECTED CEILING PLAN GENERAL NOTES

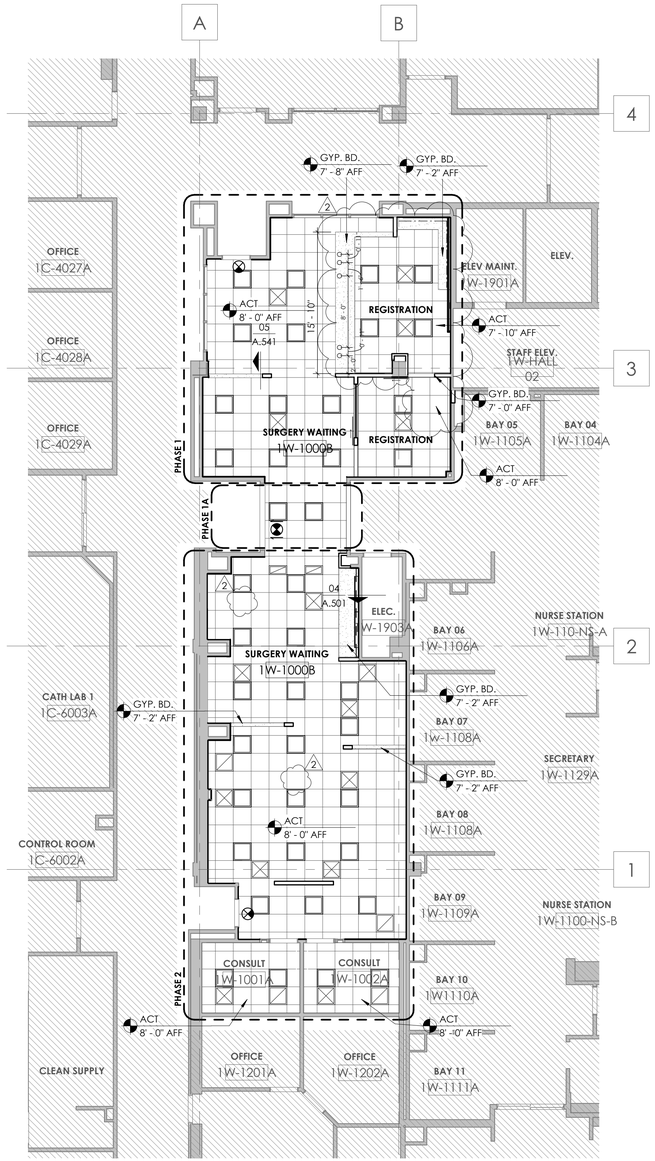
1. THE CONTRACTOR SHALL COMPARE THIS REFLECTED CEILING PLAN WITH ELECTRICAL LIGHTING PLANS, MECHANICAL SUPPLY, RETURN, AND EXHAUST PLANS. THE CONTRACTOR SHALL REPORT ANY OMISSIONS OR INCONSISTENCIES TO THE ARCHITECT.
2. SEE ELECTRICAL DRAWINGS FOR THE LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, SPEAKERS, EXIT SIGNAGE, FIRE ALARM DEVICES, WALL MOUNTED EXIT LIGHTS, ETC.
3. FOR FURTHER DIMENSIONS SEE ENLARGED PLANS, SECTIONS, ELEVATIONS, AND DETAILS.
4. COORDINATE GYPSUM BOARD FURR DOWN HEIGHTS WITH FULL HEIGHT CABINETS AND INTERIOR ELEVATIONS.
5. SPRINKLER HEAD LOCATIONS ARE NOT SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS.
6. 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES, SHELVING, LOCKERS, ETC.
7. THE CONTRACTOR SHALL VERIFY THAT ACCESS PANELS OF TYPE SPECIFIED ARE INSTALLED IN NON-ACCESSIBLE TYPE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS MAY BE REQUIRED. ACCESS PANELS SHALL HAVE A FIRE RATING EQUAL TO THE RATING OF THE CEILING IN WHICH THEY OCCUR.
8. WHERE EXISTING LAY-IN CEILINGS ARE TO REMAIN, THE CONTRACTOR SHALL REPLACE ANY DAMAGED TILES WITH MATERIALS THAT MATCH EXISTING COLOR, TEXTURE, PATTERN, ETC. IF UNIFORMITY CANNOT BE ACHIEVED, THE CONTRACTOR SHALL REPLACE THE ENTIRE CEILING WITHIN THE SPACE WITH NEW MATERIAL.

REFLECTED CEILING PLAN LEGEND

- OUT OF SCOPE
- SUSPENDED 2' x 2' ACOUSTICAL CEILING SYSTEM
- GYPSUM WALL BOARD CEILING
- METAL PLANK LINEAR CEILING SYSTEM
- CEILING TYPE / 1' - 0" AFF — CEILING HEIGHT DESIGNATION
- NEW RECESSED LIGHT FIXTURE, RE: ELECTRICAL
- SUPPLY AIR GRILLE, RE: MECHANICAL
- RETURN AIR GRILLE, RE: MECHANICAL
- SUPPLY STRIP DIFFUSER RE: MECHANICAL
- EXIT SIGN W/ DIRECTION, RE: ELECTRICAL
- STRIP COVE LIGHTING, RE: ELECTRICAL
- INTEGRATED CEILING SYSTEM LIGHTING, RE: ELECTRICAL
- UNDER CABINET TASK LIGHTING, RE: ELECTRICAL
- ACCENT PENDANT LIGHT, RE: ELECTRICAL

REFLECTED CEILING PLAN KEYNOTES

R1 INSTALL LIGHT, AS SCEDULED RE: ELECTRICAL, HOUSED WITHIN CEILING PANEL.

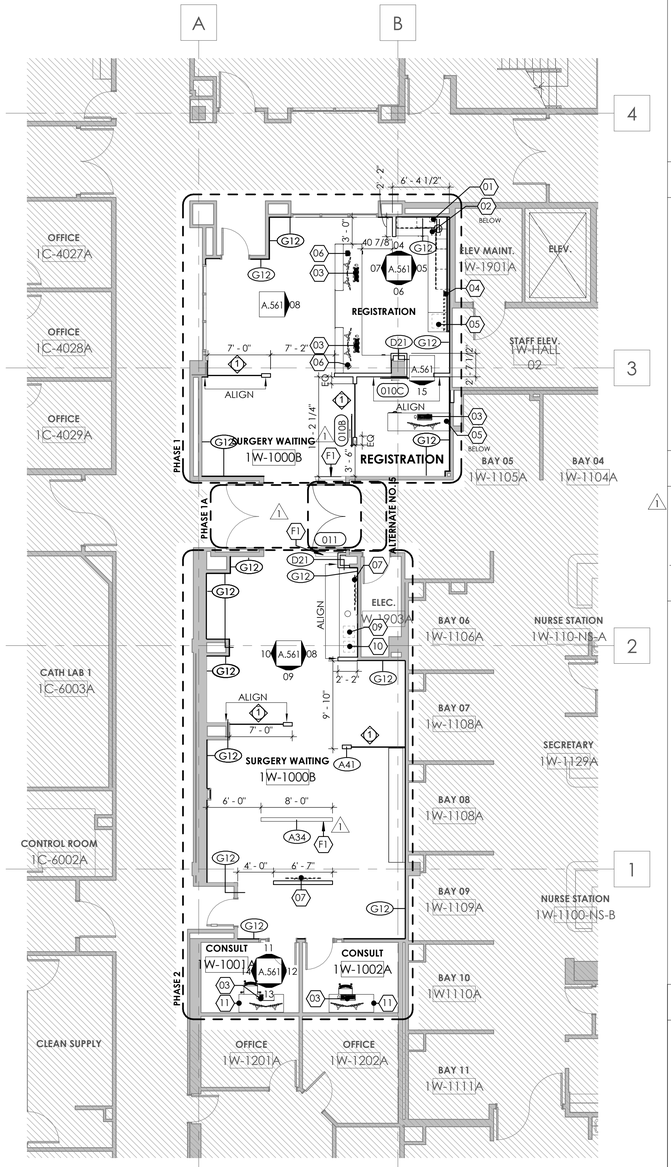


02- LEVEL 01 - REFLECTED CEILING PLAN
1/8" = 1'-0"

3/20/2023 11:41:43 PM

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City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: jlocke
Date: Mar 27, 2023
2021 INTERNATIONAL CODES & 2020 NEC



01- LEVEL 01 - FLOOR PLAN
1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFER TO A.500 SERIES FOR PARTITION TYPES AND FOR LOCATION OF SOUND ATTENUATION BLANKETS.
2. REFER TO SHEET G.101 FOR PROJECT GENERAL NOTES.
3. ALL PARTITIONS ARE TYPE "A41" UNLESS NOTED OTHERWISE.
4. DIMENSIONS SHOWN ON FLOOR PLANS FOR NEW CONSTRUCTION ARE TO THE FACE OF FINISH OF INTERIOR WALLS, TO CENTERLINE OF COLUMNS, AND TO THE FACE OF CONCRETE OR MANSONRY WALLS, UNLESS NOTED OTHERWISE. DIMENSIONS IN RENOVATED AREAS ARE FROM FINISH FACE OF EXISTING WALLS TO FINISH FACE OF NEW STUD WALLS, UNLESS NOTED OTHERWISE.
5. WHERE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD SHALL BE ALIGNED WITH THE FACE OF THE EXISTING SURFACE. WHERE A ONE-HOUR PARTITION IS SHOWN AS A CONTINUATION OF A TWO-HOUR PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE GYPSUM BOARD SHALL BE ALIGNED. STUDS SHALL BE OFFSET AND ADDITIONAL LAYERS OF GYPSUM BOARD SHALL BE PROVIDED AS REQUIRED FOR FACE ALIGNMENT OF GYPSUM BOARD.
6. SEE ARCHITECTURAL ENLARGED PLANS FOR TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
7. PROVIDE MINIMUM 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER. PROVIDE MINIMUM 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR (EXCLUDING PATIENT BEDROOMS), UNLESS SPECIFICALLY DIMENSIONED, NOTED, OR SHOWN OTHERWISE.

EQUIPMENT PLAN GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY AND COORDINATE CLEAR DIMENSIONS REQUIRED FOR OWNER FURNISHED EQUIPMENT THAT IS LOCATED WITHIN OR ADJACENT TO BUILT-IN CABINETS.
2. ALL GLOVE DISPENSERS ARE TO BE OWNER FURNISHED, CONTRACTOR INSTALLED.
3. CONTRACTOR SHALL PROVIDE BLOCKING/STRAPPING FOR ALL MOUNTING BRACKETS OF WALL HUNG EQUIPMENT. COORDINATE FURNISHED EQUIPMENT REQUIREMENTS AND VENDOR DRAWINGS.
4. ALL SINKS ARE TO RECEIVE "TA3" PAPER TOWEL DISPENSER AND "TA8" SOAP DISPENSER, UNLESS NOTED OTHERWISE.
5. ALL CEILING AND/OR WALL MOUNTED EQUIPMENT SHALL BE MOUNTED AT 80" CLEAR ABOVE FINISH FLOOR.
6. CONTRACTOR SHALL COORDINATE WITH THE OWNER ON THE DELIVERY AND INSTALLATION OF OWNER FURNISHED EQUIPMENT.

FLOOR PLAN LEGEND

- NEW CONSTRUCTION
- EXISTING TO REMAIN
- OUT OF SCOPE
- 1 — INTERIOR WINDOW TAG RE: A.541 FOR SCHEDULE
- XXX — DOOR TAG RE: A.541 FOR DOOR SCHEDULE
- XXX — PARTITION TAG RE: A.501 FOR TYPE CHARTS
- EQUIPMENT RE: SCHEDULE
- 1 A.100 1 — INTERIOR ELEVATION TAG

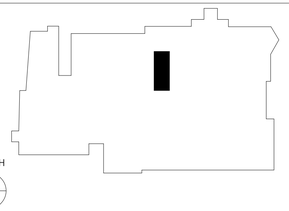
FLOOR PLAN KEYNOTES

F1 ADD SS1 PONY WALL CAP

EQUIPMENT PLAN KEYNOTES

01	STEREO CONTROLS (IPAD) AND BRACKET	OFOI/OFCI EXST
02	STEREO COMPONENT, BELOW COUNTER BRACKET	OFCI EXST
03	WORKSTATION	OFOI
04	65" MONITOR AND BRACKET	OFCI
05	MULTI-FUNCTION PRINTER	OFOI EXST
06	PHONE	OFOI
07	55" MONITOR AND ADJUSTABLE BRACKET	OFCI
08	TRASH CAN	OFOI
09	WATER DISPENSER	OFOI
10	COFFEE MACHINE	OFOI
11	FURNITURE	OFOI

KEY PLAN



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No.	Description	Date
1	Addendum 01	07/06/2022
2	CCD-01	03/21/23

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21-047 TMCA SOUTH OR SURGERY WAITING

1501 S. POTOMAC ST AURORA, CO 80012

Issue	ISSUE FOR CONSTRUCTION
Date	27 MAY 2022
Project Number	21-047
Drawn by	JL
Checked by	SL, JMN

Sheet Title
FLOOR & REFLECTED CEILING PLANS

Sheet Number
A.201

PANEL DESIGNATION: L1A		LOCATION:			MOUNTING: SURFACE					FAULT DUTY: 10,000
MLO: 125A		MAIN: N/A		BUS: 125A VOLTS: 208/120			PHASE: 3			WIRE: 4
EQUIPMENT		WATTS			BRKR		BRKR	WATTS		EQUIPMENT
DESCRIPTION	DMD	A	B	C	SIZE		SIZE	A B C	DMD	DESCRIPTION
EXISTING	G	0			20/1	1 2	20/1		G	EXISTING
EXISTING	G				20/1	3 4	20/1		G	EXISTING
EXISTING	G				20/1	5 6	20/1		G	EXISTING
EXISTING	G				20/1	7 8	20/1		G	EXISTING
EXISTING	G				20/1	9 10	20/1		G	EXISTING
EXISTING	G				20/1	11 12	20/1		G	EXISTING
EXISTING	G				20/1	13 14	20/1		G	EXISTING
EXISTING	G				20/1	15 16	20/1		G	EXISTING
EXISTING	G				20/1	17 18	20/1		G	EXISTING
EXISTING	G				20/1	19 20	20/1	1080	G	RECP REGISTRATION
RECP REGISTRATION	G		900		20/1	21 22	20/1		G	[OFF]
RECP REGIATRATION	G			1080	20/1	23 24	20/1		G	EXISTING
[OFF]	G				15/1	25 26	15/1		G	[OFF]
						27 28				
						29 30				
TOTAL "A"		0			1080		1080			3.1 CONN.KVA
TOTAL "B"			900		900			0		8.5 CONN. AMPS
TOTAL "C"				1080	1080				0	3.1 DEMAND KVA
TOTAL "A,B,C"					3060 CONN.					8.5 DEMAND AMPS
					3060 DEMAND					3.1 DESIGN KVA
					3060 DESIGN					8.5 DESIGN AMPS

NOTES:
1. PANELBOARD IS EXISTING, NET CHANGE IN LOAD IS LESS THAN 1% OF THE PANELBOARD RATING.
2. LOADS SHOWN ARE NEW CONSTRUCTION LOADS ONLY. REUSE EXISTING CIRCUITS AND CIRCUIT BREAKERS AS IS PRACTICABLE. PROVIDE NEW CIRCUIT BREAKER ONLY AS REQUIRED, MATCH EXISTING PANELBOARD MANUFACTURER AND AIC RATING.

PANEL DESIGNATION: LSL1A		LOCATION:			MOUNTING: SURFACE					FAULT DUTY: 10,000
MLO: X		MAIN: 60A		BUS: 125A VOLTS: 208/120			PHASE: 3			WIRE: 4
EQUIPMENT		WATTS			BRKR		BRKR	WATTS		EQUIPMENT
DESCRIPTION	DMD	A	B	C	SIZE		SIZE	A B C	DMD	DESCRIPTION
LTS REGISTRATION	G	846			20/1	1 2	20/1		G	EXISTING
LTS WAITING	G		1331		20/1	3 4	20/1		G	EXISTING
[OFF]	G				20/1	5 6	20/1		G	EXISTING
EXISTING	G				20/1	7 8			G	
[OFF]	G				20/1	9 10			G	
	G					11 12			G	
EXISTING	G				20/1	13 14			G	
	G					15 16			G	
EXISTING	G				20/1	17 18			G	
	G					19 20			G	
	G					21 22			G	
	G					23 24			G	
TOTAL "A"		846			846		0			2.2 CONN.KVA
TOTAL "B"			1331		1331			0		6.0 CONN. AMPS
TOTAL "C"				0	0				0	2.2 DEMAND KVA
TOTAL "A,B,C"					2177 CONN.					6.0 DEMAND AMPS
					2177 DEMAND					2.2 DESIGN KVA
					2177 DESIGN					6.0 DESIGN AMPS

NOTES:
1. PANELBOARD IS EXISTING, NET CHANGE IN LOAD IS LESS THAN 1% OF THE PANELBOARD RATING.
2. LOADS SHOWN ARE NEW CONSTRUCTION LOADS ONLY. REUSE EXISTING CIRCUITS AND CIRCUIT BREAKERS AS IS PRACTICABLE. PROVIDE NEW CIRCUIT BREAKER ONLY AS REQUIRED, MATCH EXISTING PANELBOARD MANUFACTURER AND AIC RATING.

PANEL DESIGNATION: LPQA		LOCATION:			MOUNTING: SURFACE					FAULT DUTY: 10,000
MLO: N/A		MAIN: 100A		BUS: 125A VOLTS: 208/120			PHASE: 3			WIRE: 4
EQUIPMENT		WATTS			BRKR		BRKR	WATTS		EQUIPMENT
DESCRIPTION	DMD	A	B	C	SIZE		SIZE	A B C	DMD	DESCRIPTION
EXISTING	G				20/1	1 2	20/1		G	EXISTING
EXISTING	G				20/1	3 4	20/1		G	EXISTING
EXISTING	G				20/1	5 6	20/1		G	EXISTING
EXISTING	G				20/1	7 8	20/1		G	EXISTING
EXISTING	G				20/1	9 10	20/1		G	EXISTING
EXISTING	G				20/1	11 12	20/1		G	EXISTING
EXISTING	G				20/1	13 14	20/1	900	G	RECP WAITING
EXISTING	G				30/2	15 16	20/1	500	G	WATER DISP VIA GFI CB
EXISTING	G				-	17 18	20/1	1400	G	COFFEE
[OFF]	G				20/1	19 20	20/1	900	G	RECP WAITING
EXISTING	G				20/1	21 22	20/1	900	G	RECP WAITING
[OFF]	G				20/1	23 24	20/1		G	[OFF]
EXISTING	G				20/1	25 26	20/1		G	[OFF]
EXISTING	G				20/1	27 28	20/1		G	[OFF]
[OFF]	G				20/1	29 30	20/1		G	[OFF]
EXISTING	G				20/1	31 32	20/1		G	[OFF]
EXISTING	G				20/1	33 34	20/1		G	[OFF]
[OFF]	G				20/1	35 36	20/1		G	[OFF]
[OFF]	G				50/2	37 38	20/1		G	[OFF]
EXISTING	G				-	39 40	20/1		G	[OFF]
[OFF]	G				20/1	41 42	20/1		G	[OFF]
TOTAL "A"		0			1800		1800			4.6 CONN.KVA
TOTAL "B"			0		1400			1400		12.8 CONN. AMPS
TOTAL "C"				0	1400				1400	4.6 DEMAND KVA
TOTAL "A,B,C"					4600 CONN.					12.8 DEMAND AMPS
					4600 DEMAND					4.6 DESIGN KVA
					4600 DESIGN					12.8 DESIGN AMPS

NOTES:
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2. LOADS SHOWN ARE NEW CONSTRUCTION LOADS ONLY. REUSE EXISTING CIRCUITS AND CIRCUIT BREAKERS AS IS PRACTICABLE. PROVIDE NEW CIRCUIT BREAKER ONLY AS REQUIRED, MATCH EXISTING PANELBOARD MANUFACTURER AND AIC RATING.

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City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Bobby McKinzie
Date: Mar 30, 2023
2021 INTERNATIONAL CODES & 2020 NEC

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	LAMP QUAN	LAMP TYPE/CRI-CT	FIXTURE VOLT	FIXTURE WATTS	MANUFACTURER	ITEM NUMBER	REMARKS
F1	2x2 LED FLAT PANEL	-	LED	120	32.2	LITHONIA	# EPANL LED 2X2 4000LM 80CRI 40K MIN10 ZT MVOLT	NOTES 1-4
F1A	2x2 LED FLAT PANEL, -NOTE 5	-	LED	120	39.5	GE	# LPL22 B 0 3XMM 840 VQ LT WHITE	NOTES 1-3, 5
F2	PANO LED LINEAR CEILING PANEL	-	LED	120	81.6	XAL USA	# PANO3-XX-SN-PS-OP-40K-C80-UNV-010V-875LF	NOTES 1-3
F3	LED ECHO MINI PENDANT	-	LED	120	11.0	WAC LIGHTING	# PD-4121-XX	NOTES 1-3
F4	NOT USED - ALTERNATE #1 REMOVED	-	-			-	-	-
F5	LED UNDERCABINET LIGHT	-	LED	120	26.3	HEALTHCARE LIGHTING	# HUC546 120 LED 30 S1	NOTES 1-3
EXT #3 XX	EXIT SIGN, WHITE WITH RED LETTERING	-	LED	120	5.0	LITHONIA	# LE-P-W-1-R-120/277	NOTES 1-2, 4

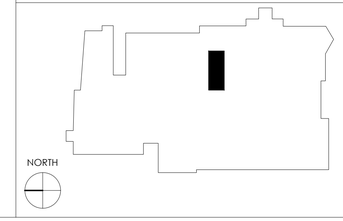
NOTES:
1. MANUFACTURERS' CATALOG NUMBERS ARE INTENTIONALLY INCOMPLETE; COORDINATE REQUIRED TRIM KITS, MOUNTING BRACKETS, LAMPS, FINISHES, ETC. WITH THE LIGHTING DESIGNER, CONTRACT DOCUMENTS, SPECIFICATIONS, AND OTHER TRADES.
2. VERIFY TYPE OF CEILING OR WALL FOR MOUNTING OF LIGHTING FIXTURES PRIOR TO ORDERING.
3. COORDINATE LAMP COLOR TEMPERATURES WITH ARCHITECT/LIGHTING DESIGNER.
4. FIXTURE SHALL BE SALVAGED THROUGH DEMOLITION AND REINSTALLED. PROVIDE NEW FIXTURE AS REQUIRED MATCHING EXISTING FACILITY STANDARD. MODEL NUMBER SHOWN FOR REFERENCE ONLY.
5. REFER TO NOTE 4, EXISTING FIXTURES SHALL BE RE-USED AND RE-INSTALLED. IF QUANTITIES ARE INSUFFICIENT PROVIDE ADDITIONAL FIXTURE F1A TO SUPPLEMENT F1 QUANTITY REQUIREMENTS.

STANDALONE LIGHTING CONTROL LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NUMBER	LOCATION
OS VS	LINE VOLTAGE, MANUAL ON, DUAL TECHNOLOGY OCCUPANCY/ VACANCY SENSOR SWITCH	SENSOR SWITCH	# WSX-PDT-SA # WSX-PDT-D-SA	
OS VS	LOW VOLTAGE, DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY/ VACANCY SENSOR	SENSOR SWITCH	# CM-PDT-9	
PP	POWER PACK FOR LOW VOLTAGE SENSOR	SENSOR SWITCH	# PP20	
LV	LOW VOLTAGE MOMENTARY SWITCH	SENSOR SWITCH	# SPODM-SA # SPODM-SA-3X	
LV,D	LOW VOLTAGE ON/OFF AND 0-10V DIMMER	SENSOR SWITCH	# SPODM-SA-D # SPODM-SA-D-3X	

NOTES:
1. MODEL NUMBERS ARE BASED ON SENSOR SWITCH.
2. COORDINATE LOCATION AND ORIENTATION OF SENSORS IN FIELD FOR PROPER ORIENTATION.
3. COORDINATE LOCATION OF CEILING OCCUPANCY SENSORS SO THAT DISTANCE BETWEEN ANY DIFFUSERS IS NO LESS THAN 6' TO PREVENT FALSE TRIGGERING.

KEY PLAN



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No.	Description	Date
1	Addendum 01	7/6/2022
3	CCD-01	3/20/2023

COLORADO LICENSED MICHAEL P THOMPSON 53150 PROFESSIONAL ENGINEER
3/20/2023

21-047 TMCA SOUTH OR SURGERY WAITING

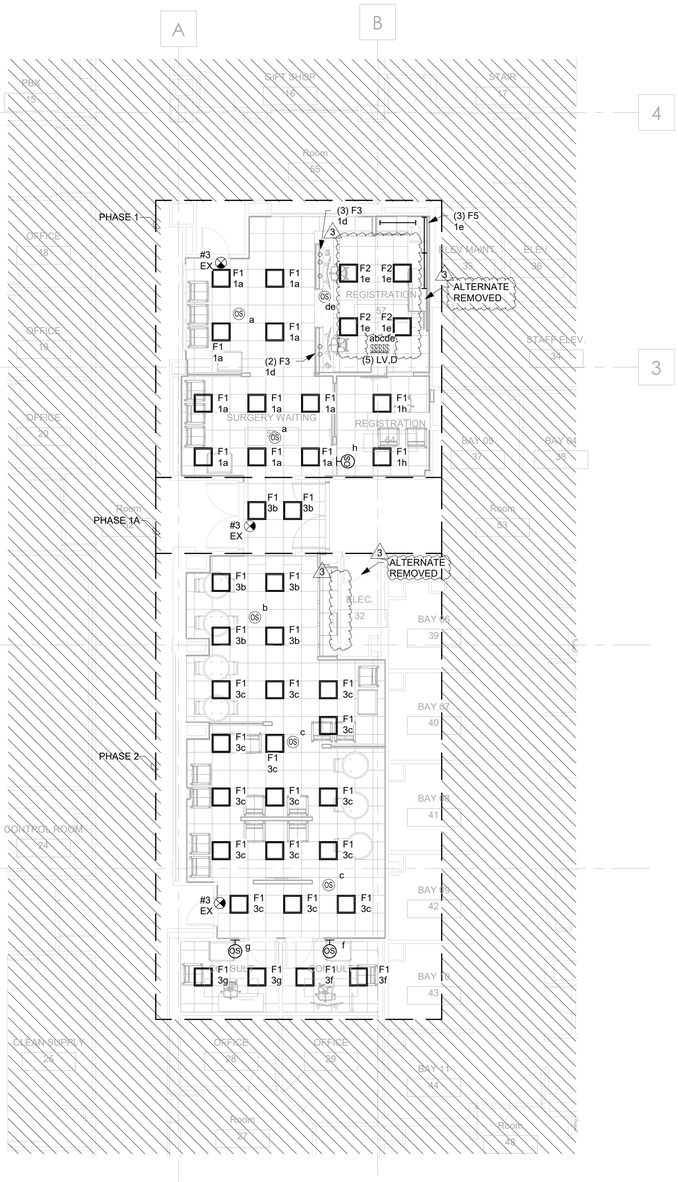
1501 S. POTOMAC ST
AURORA, CO 80012

Issue	100% CD
Date	27 MAY 2022
Project Number	21-047
Drawn by	JC
Checked by	JG
Sheet Title	

ELECTRICAL DETAILS

Sheet Number

E.002

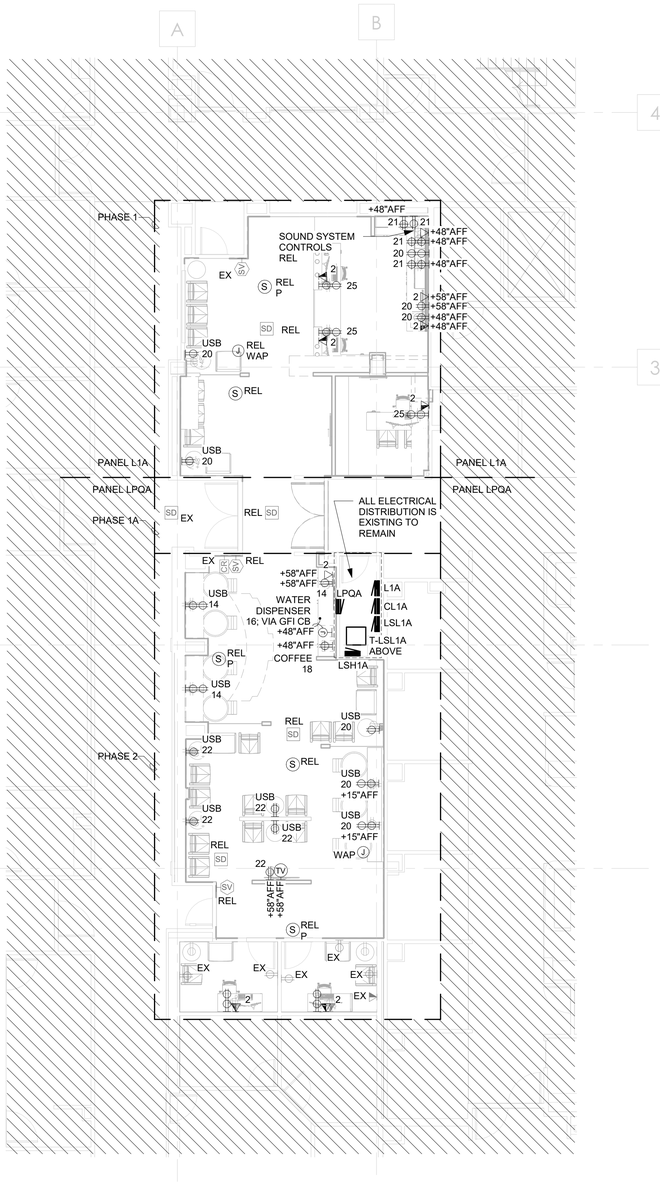


2 LEVEL 01 ELECTRICAL LIGHTING RCP

1/8" = 1'-0"

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City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Bobby McKinzie
Date: Mar 30, 2023
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1 LEVEL 01 ELECTRICAL POWER PLAN

1/8" = 1'-0"

NOTES:

A. REFER TO ELECTRICAL SYMBOL LIST AND GENERAL NOTES.

B. REFER TO ELECTRICAL DEMOLITION SPECIFICATION.

C. EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. EXISTING DEVICES SHOWN ARE TO CONVEY DESIGN INTENT ONLY AND SHALL NOT BE USED AS A RECORD OF EXACT CONDITIONS.

D. DEMOLITION AND BUILD-OUT WILL BE IN MULTIPLE PHASES. PHASE PER AREA ARE NOTED ON PLANS. REFER TO ARCHITECT SHEETS FOR DETAILED PHASING PLAN AND ADDITIONAL NOTES.

E. DEVICES NOTED 'REL' ARE EXISTING DEVICES TO BE SALVAGED AND REINSTALLED IN NEW LOCATION SHOWN. SALVAGE AND EXTEND ALL EXISITNG WIRING AS REQUIRED.

F. DEVICES MARKED 'EX' ARE EXISTING TO REMAIN. REMOVE AND SALVAGE AS REQUIRED FOR REINSTALLATION IN EXISTING LOCATION.

G. FOR SIGNAL DEVICES PROVIDE EMPTY J-BOX AND EMPTY RACEWAY TO NEAREST CEILING, WIRING AND DEVICES BY LOW VOLTAGE CONTRACTOR.

H. COORDINATE DEVICE MOUNTING HEIGHTS WITH ARCHITECT.

I. ALL NEW POWER CONNECTIONS SHALL BE VIA EXISTING CIRCUITS FROM PANELBOARDS LOCATED IN ROOM ELEC 32. REFER TO GENERAL BRANCH POWER NOTES BELOW, REFER TO PLANS FOR CIRCUIT ASSIGNMENTS. CIRCUIT NUMBERS SHOWN ARE FOR DESIGN INTENT ONLY.

J. ALL LIGHTING SHALL BE FED VIA EXISTING 120V LIFE SAFETY BRANCH CIRCUITS FEEDING THE SPACE, WHICH ARE SOURCED FROM EXISTING PANELBOARD LSL1A, U.N.O.

K. ALL NEW POWER DEVICES SHALL BE FED VIA EXISTING 120V NORMAL BRANCH CIRCUITS SOURCED FROM EXISTING PANELBOARD L1A AND LPQA U.N.O., REFER TO PLANS FOR PANELBOARD DIVISION LINES.

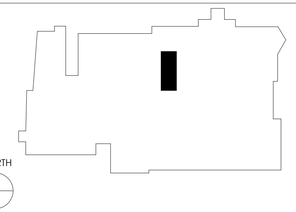
ALTERNATES: (A#)

REFER TO DESCRIPTION OF ALTERNATES IN PROJECT MANUAL.

A1. (REMOVED) 3

A3. (REMOVED)

KEY PLAN



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No.	Description	Date
1	Addendum 01	7/6/2022
3	CCD-01	3/20/23

COLORADO LICENSED
MICHAEL P THOMPSON
55150
PROFESSIONAL ENGINEER
3/20/2023

21-047 TMCA SOUTH OR SURGERY WAITING

1501 S. POTOMAC ST
AURORA, CO 80012

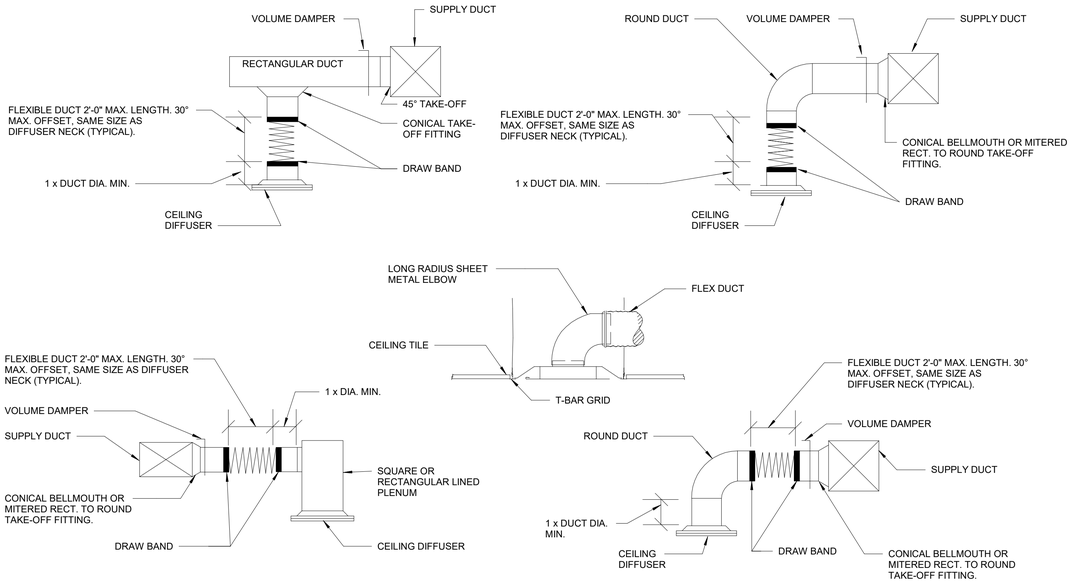
Issue	100% CD
Date	27 MAY 2022
Project Number	21-047
Drawn by	JC
Checked by	JG

Sheet Title
ELECTRICAL PLAN

Sheet Number
E.201

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NOTES:

1. SPIN COLLARS SHALL NOT BE PERMITED.
2. SPECIAL CONDITIONS THAT CAN NOT MEET ONE OF THESE STANDARDS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION ON A CASE BY CASE BASIS.
3. DETAILS ILLUSTRATE INSTALLATION WITH ROUND NECK DIFFUSERS AND DUCTS. SQUARE OR RECTANGULAR NECK DIFFUSERS AND DUCTS SHALL BE SIMILAR.

2 TYPICAL DIFFUSER INSTALLATION DETAIL

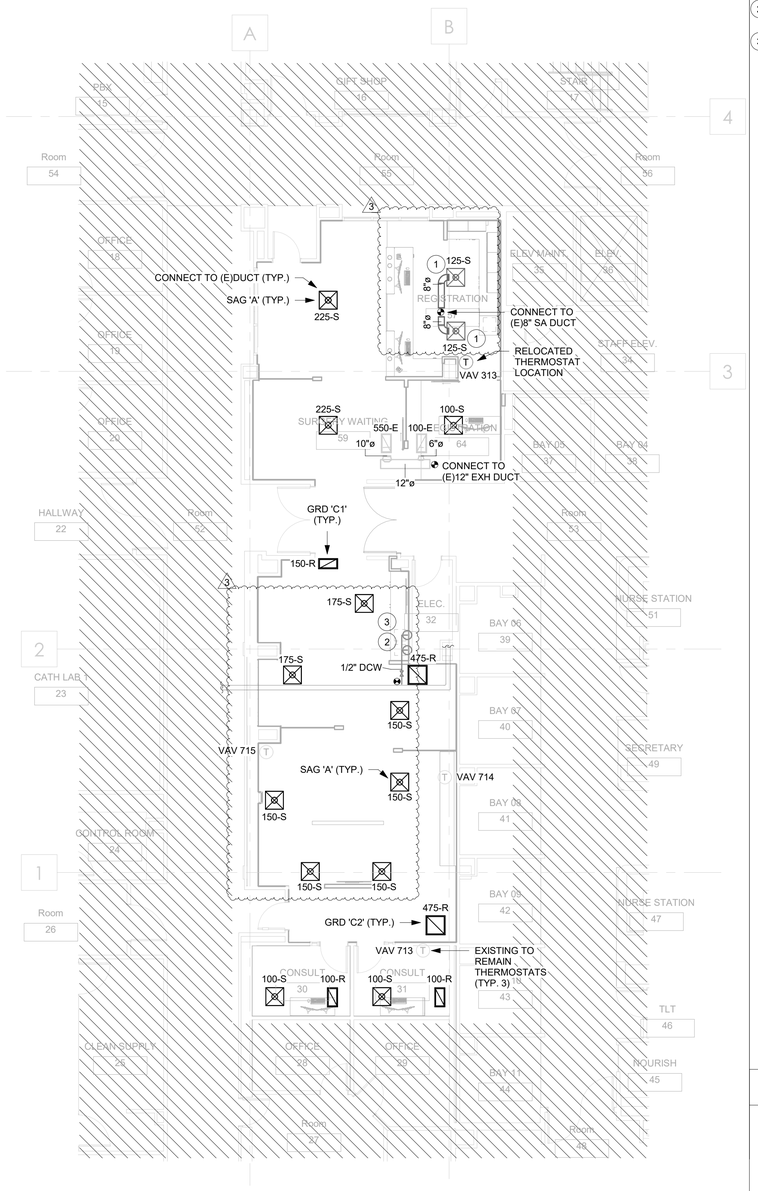
NOT TO SCALE

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

TAG	SERVICE	TYPE	FACE SIZE	INLET SIZE	NO. OF SLOTS	DAMPER	MATERIAL / FINISH	MANUFACTURER	MODEL	REMARKS
A	SUPPLY	SQUARE PLAQUE DIFFUSER	24"x24"	MATCH EXISTING	-	-	STEEL/ WHITE	TITUS	OMNI	1
B	SUPPLY	LINEAR SUPPLY DIFFUSER	36"X6"	6"	3	YES	ALUMINUM/ WHITE	TITUS	ML-37	1,2
C1	RET/ EXH	PERFORATED GRILLE	24"x12"	MATCH EXISTING	-	-	STEEL/ WHITE	TITUS	PXP	1,2
C2	RET/ EXH	PERFORATED GRILLE	24"x24"	MATCH EXISTING	-	-	STEEL/ WHITE	TITUS	PXP	1,2

REMARKS:

1. COORDINATE FINISH WITH ARCHITECT PRIOR TO INSTALL.
2. PROVIDE PLENUM BOX FOR DUCT CONNECTION.



1 LEVEL 01 MECHANICAL PLAN

1/8" = 1'-0"

GENERAL NOTES:

1. SUPPLY, RETURN AND EXHAUST SYSTEMS ARE ALL FULLY DUCTED WITHIN THE SCOPE. THE CONTRACTOR SHALL BALANCE OF ALL NEW SUPPLY, RETURN AND EXHAUST GRDs TO AIRFLOWS SHOWN ON PLAN. REPROGRAM EXISTING SUPPLY VAV TERMINAL UNITS TO SUM OF NEW AIRFLOWS SERVED.
2. CONNECT NEW GRDs TO EXISTING BRANCH DUCTWORK. COORDINATE EXISTING DUCT CONNECTION SIZES IN FIELD.
3. DCV SHALL BE WILKINS MODEL NO. 700XL DUAL CHECK BACKFLOW PREVENTER, LEAD-FREE BRONZE BODY CONSTRUCTION, TWO COMPACT REPLACEABLE CHECK MODULES, WITH BUNA-NEALS AND STAINLESS STEEL SPRINGS, 2-PIECE, BRONZE, STANDARD PORT BALL VALVE WITH TEE HANDLE IN WALL BOX.

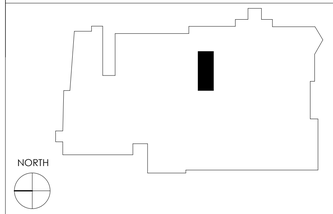
KEYED NOTES:

3
1. CONNECT NEW SAG TO EXISTING SUPPLY BRANCH DUCTWORK FROM VAV 313.
2. PROVIDE 1/2" DCW CONNECTION AND 1/2" DUAL CHECK VALVE (DCV) FOR COFFEE MAKER.
3. PROVIDE 1/2" DCW CONNECTION AND 1/2" DUAL CHECK VALVE (DCV) FOR WATER DISPENSER.

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City of Aurora Building Division
Reviewed for Code Compliance
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Date: Mar 27, 2023
2021 INTERNATIONAL CODES & 2020 NEC

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No.	Description	Date
2	Revision 01	3/08/23
3	CCD-01	3/20/23



21-047 TMCA SOUTH OR SURGERY WAITING

1501 S. POTOMAC ST
AURORA, CO 80012

Issue	100% CD
Date	27 MAY 2022
Project Number	21-047
Drawn by	EV
Checked by	JH

Sheet Title
MECHANICAL PLAN

Sheet Number
M.201

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