

F:\Projects\20330_Saunders-Rocky Mtn Dermatology\Draw\A_20330-2020.rvt

APPLICABLE CODES:	
2018 International Building Code	2017 National Electrical Code
2018 International Mechanical Code	2009 American National Standard
2018 International Fuel Code	Accessible and Usable Buildings and Facilities
2018 International Plumbing Code	ICC/ANSI A117.1-2009
2018 International Fire Code	
2018 International Energy Conservation Code	
2018 International Existing Building Code	
OCCUPANCY GROUP:	
B (IBC Section 304)	
CHANGE IN USE: No	
BUILDING HEIGHTS AND AREAS:	
ALLOWABLE BUILDING HEIGHT AND NUMBER OF STORIES (IBC 504)	Allowable Number of Stories (IBC Table 504.4): 3
Allowable Height (IBC Table 504.3): 60 ft	
ACTUAL BUILDING HEIGHT AND NUMBER OF STORIES	Actual Number of Stories: 2 (existing)
Actual Height: XX ft (existing)	
ALLOWABLE FLOOR AREA (IBC Table 506.2):	
27,000 sf	
ACTUAL FLOOR AREA:	
10,330 sf	
CONSTRUCTION TYPE:	
VB...	
FIRE PROTECTION (IBC 903):	
FIRE SPRINKLERS REQUIRED: No	
FIRE SPRINKLERS PROVIDED: Yes	
Building is served by an automatic fire protection sprinkler system in accordance with NFPA 13	
PORTABLE FIRE EXTINGUISHERS:	
Building will have installed Portable Fire Extinguishers per Section 906 and NFPA 10.	
OCCUPANT LOAD:	
35 (see OCCUPANT LOAD TABLE)	
MEANS OF EGRESS:	
EXIT WIDTH REQUIRED (IBC 1005):	
35 occupants x 0.15' = 5.25'	
EXIT WIDTH PROVIDED:	
72'	
NUMBER OF EXITS REQUIRED (IBC 1006):	
1 exits	
NUMBER OF EXITS PROVIDED:	
1 exits	
MAXIMUM COMMON PATH OF EGRESS TRAVEL (IBC TABLE 1006.2.1):	
Occupancy B = 100 ft	
LONGEST COMMON PATH OF EGRESS TRAVEL PROVIDED:	
48 ft	
ALLOWABLE EXIT ACCESS TRAVEL DISTANCE REQUIRED (IBC TABLE 1017.2):	
Occupancy B = 300 ft	
LONGEST EXIT ACCESS TRAVEL DISTANCE PROVIDED:	
119 ft	

OCCUPANT LOAD TABLE:					
MAXIMUM FLOOR AREA ALLOWANCES (IBC Table 1004.5)					
OCCUPANCY	FUNCTION OF SPACE	AREA (sf)	ACCESSORY	FACTOR	OCCUPANTS
B	OFFICE	5165	N	150	34.43333333
SUB TOTAL:					34.43333333
TOTAL:					35

PLUMBING FIXTURE REQUIREMENTS (IBC TABLE 2902.1):										
OCCUPANCY	OCCUPANTS	WATER CLOSETS		WATER CLOSETS...	WATER CLOSETS...	LAVATORIES		LAVATORIES REQUIRED*	LAVATORIES PROVIDED	DRINKING FOUNTAINS
		Male (1:25)	Female (1:25)			Male (1:40)	Female (1:40)			
B	35	0.7	0.7	1.4	6	0.4375	0.4375	0.875	4	1 per 100
		SUB TOTALS:		1.4		SUB TOTALS:		0.875		
		TOTALS:		2	6	TOTALS:		1	4	

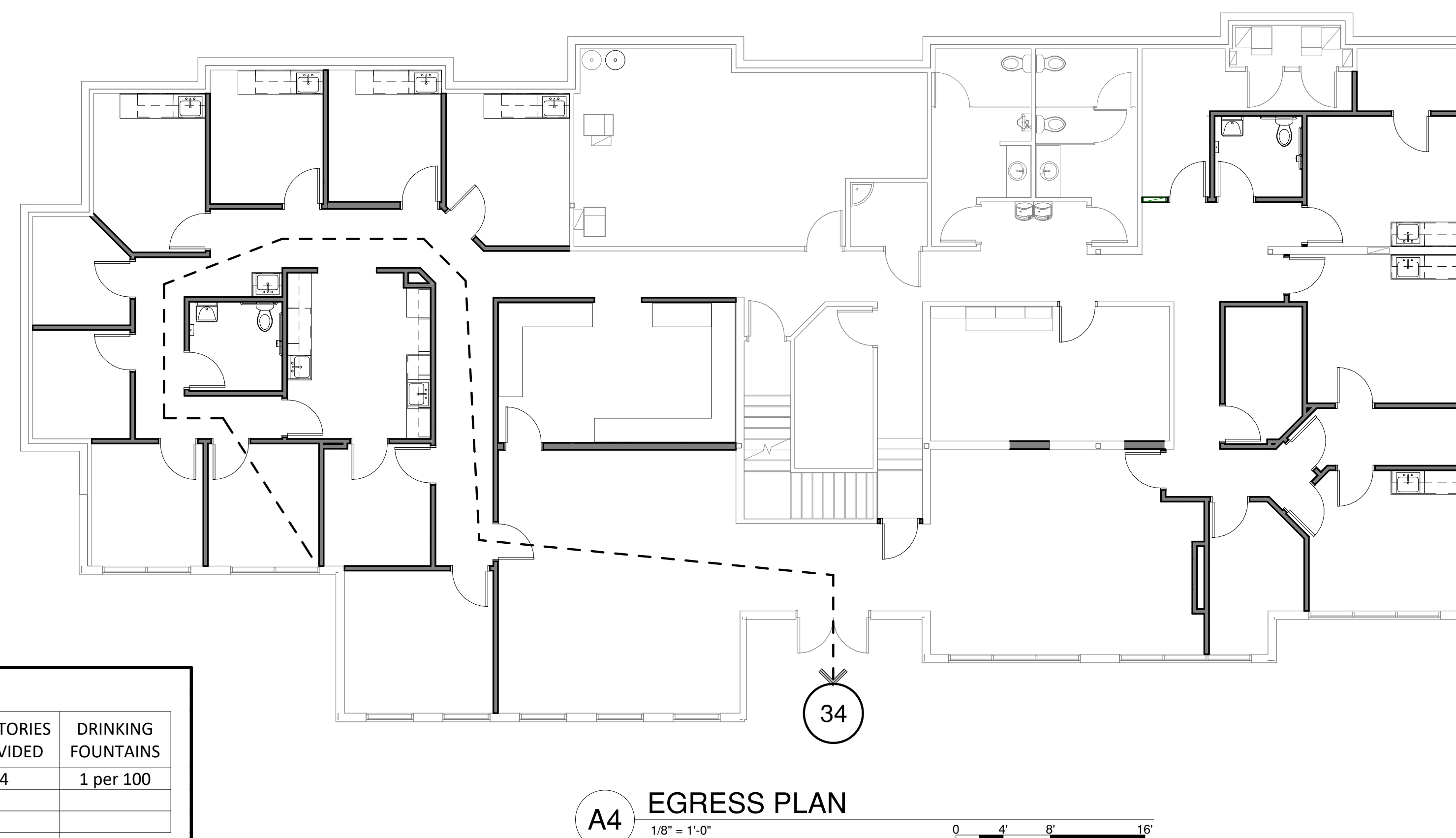
* NOTE: MINIMUM 1 SERVICE SINK IS REQUIRED; MINIMUM ONE WATER CLOSET AND ONE LAVATORY FOR EACH MEN'S AND WOMEN'S.

ROCKY MOUNTAIN Dermatology

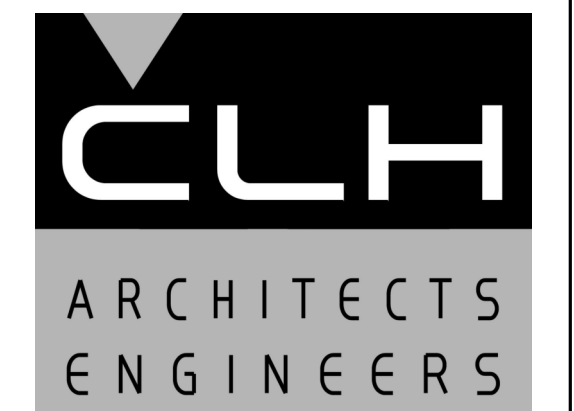
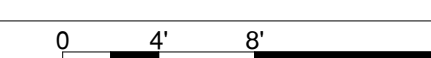
TENANT IMPROVEMENT

5748 South Adams Avenue
Washington Terrace, Utah

DRAWING INDEX	
G100	CODE REVIEW & LIFE SAFETY
D101	DEMOLITION PLAN
MD101	MECHANICAL DEMOLITION PLAN
ED101	ELECTRICAL DEMOLITION PLAN
A001	ARCHITECTURAL NOTES
A101	FLOOR PLAN
A102	REFLECTED CEILING PLAN
A401	INTERIOR ELEVATIONS
A402	INTERIOR ELEVATIONS
A501	DETAILS & WALL TYPES
A601	DOOR SCHEDULE & DETAILS
P001	PLUMBING SCHEDULES
P101	WASTE AND VENT PLAN
P102	PLUMBING PLAN
P501	PLUMBING DETAILS
M001	MECHANICAL SCHEDULES
M101	MECHANICAL PLAN
M501	MECHANICAL DETAILS
E001	ELECTRICAL LEGEND
EL101	ELECTRICAL LIGHTING PLAN
EP101	ELECTRICAL POWER PLAN
EP501	ELECTRICAL DETAILS
EP601	ELECTRICAL SCHEDULES & DIAGRAMS
EP701	ELECTRICAL PANEL SCHEDULES



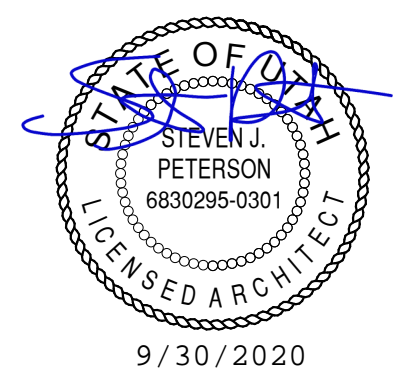
A4 EGRESS PLAN
1/8" = 1'-0"



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION
------	------	-------------

ISSUE DATE:	1/1/202X
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

Project Status

01 January 202X

SHEET TITLE

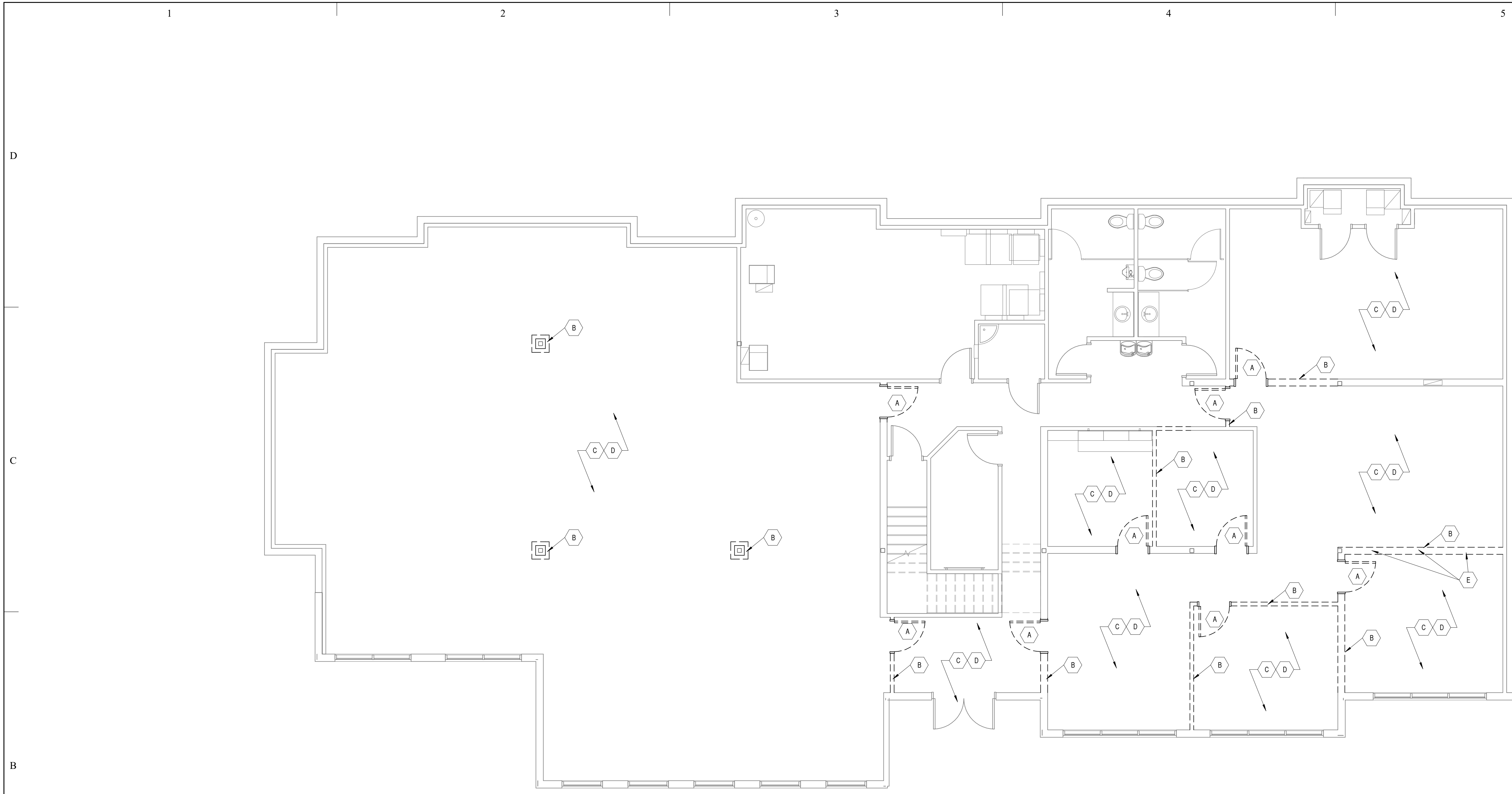
CODE REVIEW & LIFE
SAFETY

SHEET NO:

G100

9/30/2020 4:13:48 PM

IF SHEET IS LESS THAN 24" x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



B3 DEMOLITION PLAN
3/16" = 1'-0"
0 4' 8' 16'

DEMOLITION KEYED NOTES	
MARK	NOTE
A	REMOVE (E) DOOR AND FRAME
B	REMOVE(SAWCUT (E) WALL PARTITION
C	REMOVE (E) FLOORING MATERIAL
D	REMOVE (E) ACOUSTIC CEILING TILE & GRID. COORDINATE REMOVAL OF DIFFUSERS AND LIGHTING WITH NEW WORK. SEE MECH. AND ELEC. SHEETS
E	REMOVE (E) WINDOWS

IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	1/1/202X
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

Project Status
01 January 202X

SHEET TITLE

DEMOLITION PLAN

SHEET NO:

D101

C:\Users\jamese.C\HAE\Documents\M_20330-2020_jamese@clhae.com.rvt

C

B

A

9/22/2020 7:33:22 AM

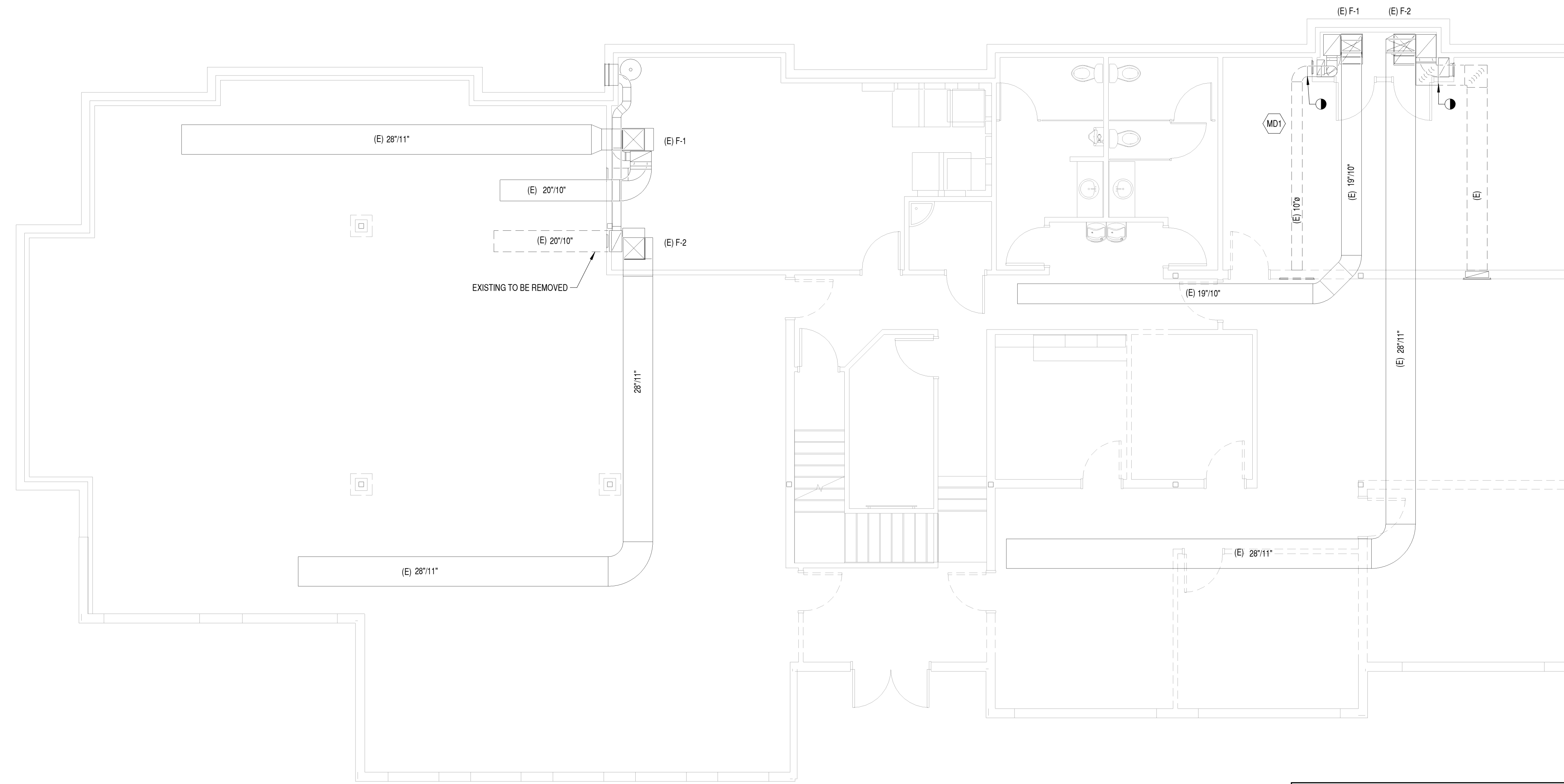
1

2

3

4

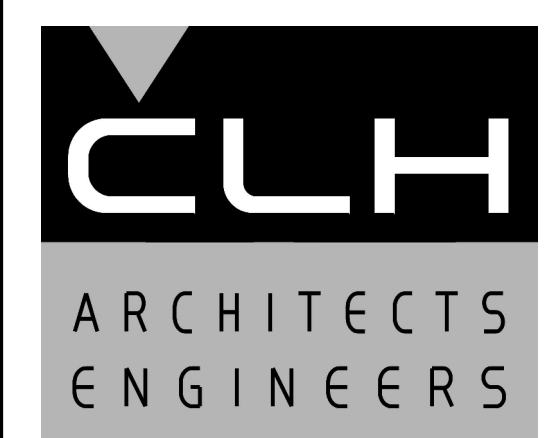
5



B1 MECHANICAL DEMOLITION PLAN
 3/16" = 1'-0"
 0 4' 8' 12'

MECHANICAL DEMOLITION KEYED NOTES	
MARK	NOTE
MD1	EXISTING DUCTWORK TO BE RELOCATED. SEE SHEET M101.

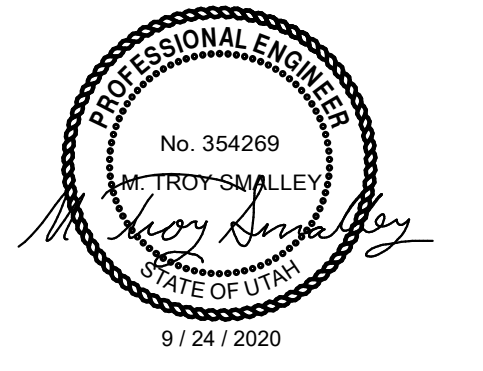
IF SHEET IS LESS THAN 24"x 36"
 IT IS A REDUCED PRINT.
 REDUCE SCALE ACCORDINGLY



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
 Suite 510 • Ogden, Utah • 84401
 801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
 Improvement

5748 South Adams Avenue
 Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	MTS

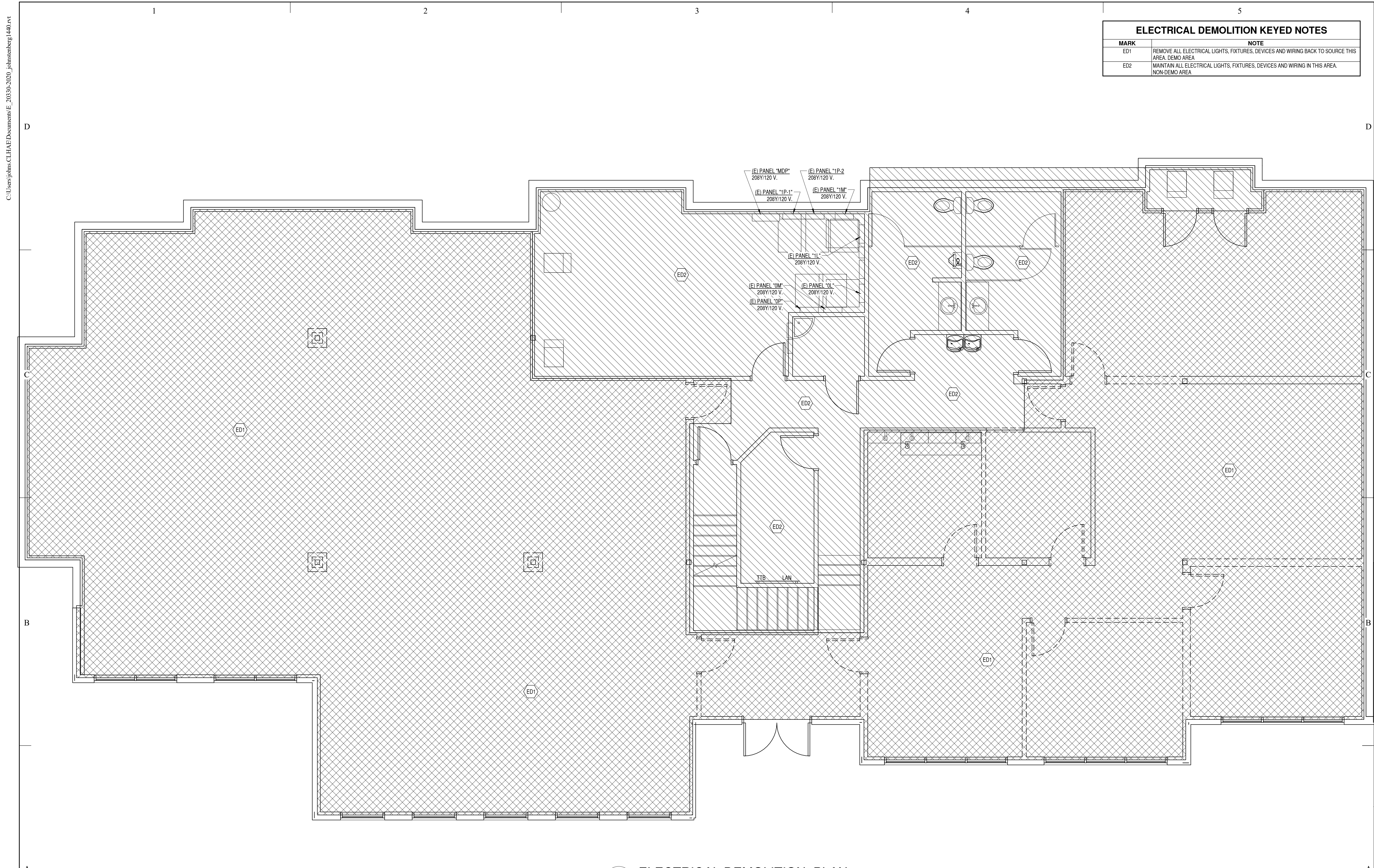
Permit Set
 24 September 2020

SHEET TITLE

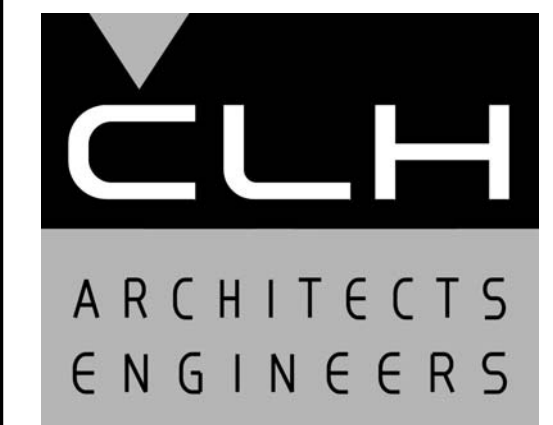
MECHANICAL
 DEMOLITION PLAN

SHEET NO:

MD101



ELECTRICAL DEMOLITION KEYED NOTES	
MARK	NOTE
ED1	REMOVE ALL ELECTRICAL LIGHTS, FIXTURES, DEVICES AND WIRING BACK TO SOURCE THIS AREA. DEMO AREA
ED2	MAINTAIN ALL ELECTRICAL LIGHTS, FIXTURES, DEVICES AND WIRING IN THIS AREA. NON-DEMO AREA



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	J.M.S.
CHK'D BY:	M.L.G.

Permit Set
24 September 2020

SHEET TITLE

ELECTRICAL DEMOLITION PLAN

SHEET NO:

ED101

A2 ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"

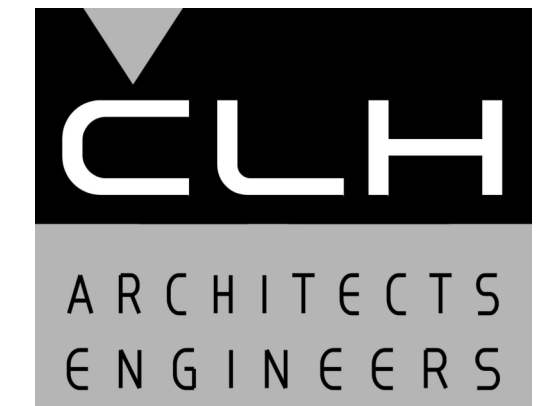
IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

ARCHITECTURAL NOTES

1. THE ARCHITECTURAL DRAWINGS ARE THE PRIMARY CONTRACT DOCUMENTS. ANY CONFLICTS BETWEEN ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS AND/OR DRAWINGS OF OTHER DISCIPLINES SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT.
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY WORK. ITEMS AND DIMENSIONS BETWEEN EXISTING AND NEW PORTIONS OF THE PROJECT SHALL BE VERIFIED TO ENSURE COORDINATION.
3. THE CONTRACTOR SHALL SUBMIT ANY PROPOSED CHANGES OR MODIFICATIONS OF THE CONTRACT DOCUMENTS, IN WRITING, TO THE ARCHITECT BEFORE PROCEEDING WITH ANY ACTION.
4. WHERE SPECIFIC DETAILS ARE NOT PROVIDED, TYPICAL OR SIMILAR INDUSTRY STANDARD DETAILS SHALL APPLY. IF FURTHER DETAIL IS REQUIRED CONTACT ARCHITECT.
5. DETAILS ARE PROVIDED FOR VISUAL REPRESENTATION OF DESIGN INTENT. OFTEN THE DETAILS ARE BASED ON A BASIS-OF-DESIGN PRODUCT AND/OR MATERIAL AND MAY BE DIAGRAMMATIC IN NATURE.
6. IF A DIFFERENT PRODUCT OR MATERIAL FROM THAT INDICATED ON THE DRAWINGS OR SPECIFICATIONS IS SUBSTITUTED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALTERNATE DETAILS AS REQUIRED FOR THE ARCHITECT TO REVIEW.
7. GENERALLY, DIMENSIONS SHOWN OF ARCHITECTURAL DRAWINGS ARE TAKEN FROM THE CORE STRUCTURE FACE (IE. CONCRETE WALL=FACE OF WALL; STUD WALL=FACE OF STUD).
8. ANY ADDITIONAL BLOCKING, BRACING, TRIM, FLASHING, SEALANTS, ETC. REQUIRED FOR INSTALLATION OF COMPLETE SYSTEMS. PERTAINING TO DOORS, WINDOWS, OPENINGS, PENETRATIONS, ETC. ARE EXPECTED TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR.
9. ASSUME ALL GYP. BD. WALLS TO HAVE TOPSET RUBBER BASE INSTALLED UNLESS NOTED OTHERWISE.
10. PROVIDE SEALANT OR TRIM AS APPROPRIATE WHERE DISSIMILAR MATERIALS COME IN CONTACT.
11. PROVIDE FLOORING TRANSITION WHERE DISSIMILAR FLOORING MATERIALS OCCUR.
12. PAINT ALL MISCELLANEOUS SURFACES, SUPPORTS, METALS, ETC. IF PERMANENTLY ATTACHED TO PAINTED SURFACE OR EXPOSED TO THE ELEMENTS.

SYMBOLS	
	VIEW TITLE
	GRAPHIC SCALE
	NORTH ARROW w/ TRUE NORTH
	GRID INDICATOR
	SECTION CALLOUT
	DETAIL CALLOUT
	DETAIL CALLOUT
	ELEVATION CALLOUT
	LEVEL / ELEVATION CALLOUT
	SPOT ELEVATION CALLOUT
	ROOF SLOPE INDICATOR
	ROOM TAG
	DOOR TAG
	WALL TAG
	WINDOW TAG
	DEMOLITION KEYNOTE
	FIRE RISER

ABBREVIATIONS			
& L @ #	AND ANGLE AT POUND OR NUMBER	JAN JST JT	JANITOR JOIST JOINT
AC	ACOUSTICAL	K.O.	KNOCK OUT
A.F.F.	ABOVE FINISH FLOOR	LAM LAV	LAMINATE LAVATORY
ALUM	ALUMINUM	MAX MAS	MAXIMUM MASONRY
APPROX	APPROXIMATE	MECH	MECHANICAL
ARCH	ARCHITECTURAL	MEMB	MEMBRANE
ASPH	ASPHALT	MTL	METAL
BD	BOARD	MFR	MANUFACTURER
BITUM	BITUMINOUS	MH	MANHOLE
BLDG	BUILDING	MIN	MINIMUM
BLKG	BLOCKING	MISC	MISCELLANEOUS
BRG	BEARING	M.O.	MASONRY OPENING
BTM	BOTTOM	MTD	MOUNTED
C	TOP OF FINISH CONCRETE	N	NORTH
C.I.	CAST IRON	N.I.C.	NOT IN CONTRACT
C.J.	CONTROL JOINT	NO or #	NUMBER
C.L.	CENTER LINE	NOM	NOMINAL
CLG	CEILING	N.T.S.	NOT TO SCALE
CLR	CLEAR	O.C.	ON CENTER
C.M.U.	CONCRETE MASONRY UNIT	O.D.	OUTSIDE DIAMETER (DIM)
C.O.	CLEAN OUT	OFF	OFFICE
C.O.T.G.	CLEAN OUT AT GRADE	OH	OVERHEAD
COL	COLUMN	OPNG	OPENING
CONC	CONCRETE	OPP	OPPOSITE
CONN	CONNECTION	PL	PLATE
CONSTR	CONSTRUCTION	PLAM	PLASTIC LAMINATE
CONT	CONTINUOUS	PLYWD	PLYWOOD
C.T.	CERAMIC TILE	P.O.C.	POINT OF CONNECTION
CTR	CENTER	PNL	PANEL
D.C.W.	DOMESTIC COLD WATER	PR	PAIR
D.H.W.	DOMESTIC HOT WATER	PT	POINT
D.F.	DRINKING FOUNTAIN	Q.T.	QUARRY TILE
DTL	DETAIL	RAD	RADIUS
DIA	DIAMETER	R.D.	ROOF DRAIN
DIM	DIMENSION	REF	REFERENCE
DISP	DISPENSER	REINF	REINFORCED
DN	DOWN	REQD	REQUIRED
DRN	DRAIN	RESIL	RESILIENT
DS	DOWNSPOUT	RFG	ROOFING
DWG	DRAWING	RM	ROOM
E	EAST	RS	RESINOUS FLOORING
EA	EACH	R.O.	ROUGH OPENING
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	S	SOUTH
E.J.	EXPANSION JOINT	SCH	SCHEDULE
EL	ELEVATION	SECT	SECTION
ELEC	ELECTRICAL	SHT	SHEET
ENGR	ENGINEER	SIM	SIMILAR
EQ	EQUAL	SPECS	SPECIFICATION
EQUIP	EQUIPMENT	SQ	SQUARE
(E)	EXISTING	S.S.	SANITARY SEWER
EXP	EXPANSION	S.ST	STAINLESS STEEL
EXT	EXTERIOR	STD	STANDARD
F.A.	FIRE ALARM	STL	STEEL
F.D.	FLOOR DRAIN	STOR	STORAGE
FDN	FOUNDATION	STR	STRUCTURAL
F.E.	FIRE EXTINGUISHER	SUSP	SUSPENDED
F.E.C.	FIRE EXTINGUISHER CABINET	SYM	SYMMETRICAL
FIN	FINISH	SYS	SYSTEM
FLR	FLOOR	TLT	TOILET (ROOM)
FLASH	FLASHING	TRTD	TREATED (PRESERVATIVE)
FLUOR	FLUORESCENT	T & B	TOP & BOTTOM
F.O.	FACE OF	T.O.	TOP OF
F.R.	FIRE RATED	TRANS	TRANSFORMER
FOOR	FOOR OR FEET	TYP	TYPICAL
FTG	FOOTING	U.N.O.	UNLESS NOTED OTHERWISE
FUT	FUTURE	UT	URINAL
GA	GAUGE	VERT	VERTICAL
GALV	GALVANIZED	VEST	VESTIBULE
GND	GROUND	W	WEST
GR	GRADE	w/	WITH
G.W.B.	GYP SUM WALL BOARD	WC	WATER CLOSET
GYP	GYP SUM	WD	WOOD
H.B.	HOSE BIBB	W/O	WITHOUT
HC	HANDICAP	WP	WATERPROOF
H.M.	HOLLOW METAL		
HORIZ	HORIZONTAL		
HGT	HEIGHT		
I.D.	INSIDE DIAMETER (DIM)		
IN	INCH, INCHES		
INSUL	INSULATION		
INT	INTERIOR		



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	1/1/202X
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

Project Status

01 January 202X

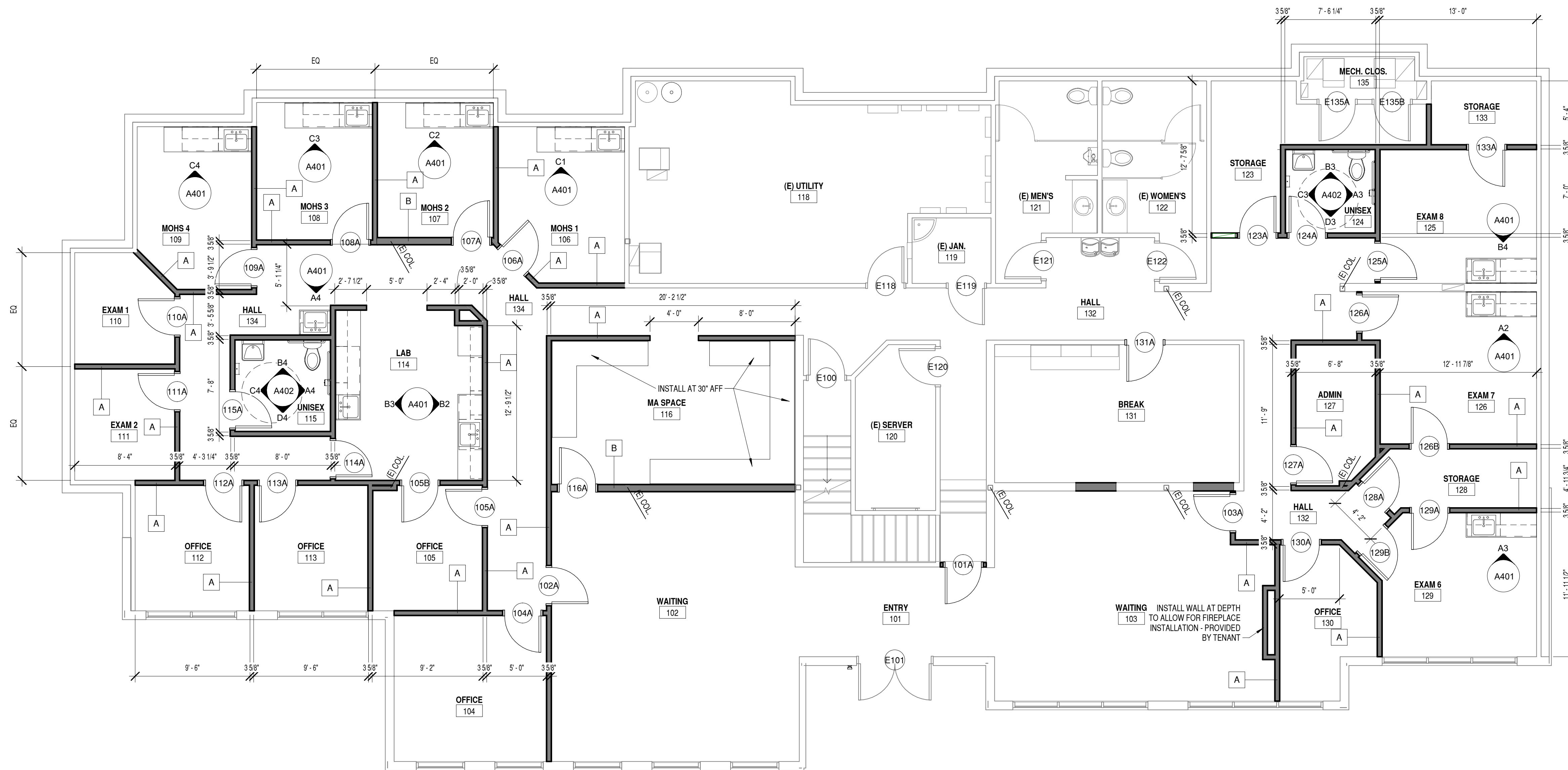
SHEET TITLE

ARCHITECTURAL
NOTES

SHEET NO:

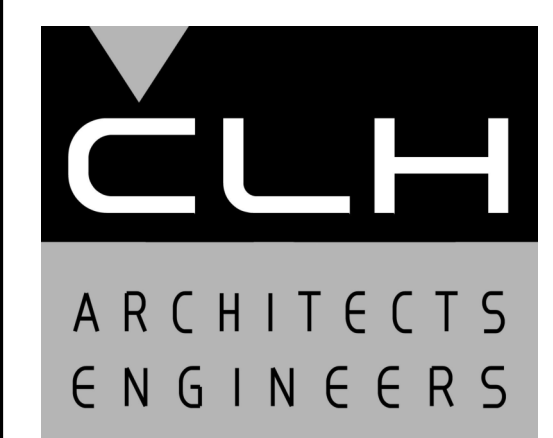
A001

IF SHEET IS LESS THAN 24" x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



B3 FLOOR PLAN
 3/16" = 1'-0"
 0 4' 8' 16'

IF SHEET IS LESS THAN 24"x 36"
 IT IS A REDUCED PRINT.
 REDUCE SCALE ACCORDINGLY



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
 Suite 510 • Ogden, Utah • 84401
 801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant Improvement

5748 South Adams Avenue
 Washington Terrace, Utah

MARK	DATE	DESCRIPTION
------	------	-------------

ISSUE DATE:	1/1/202X
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

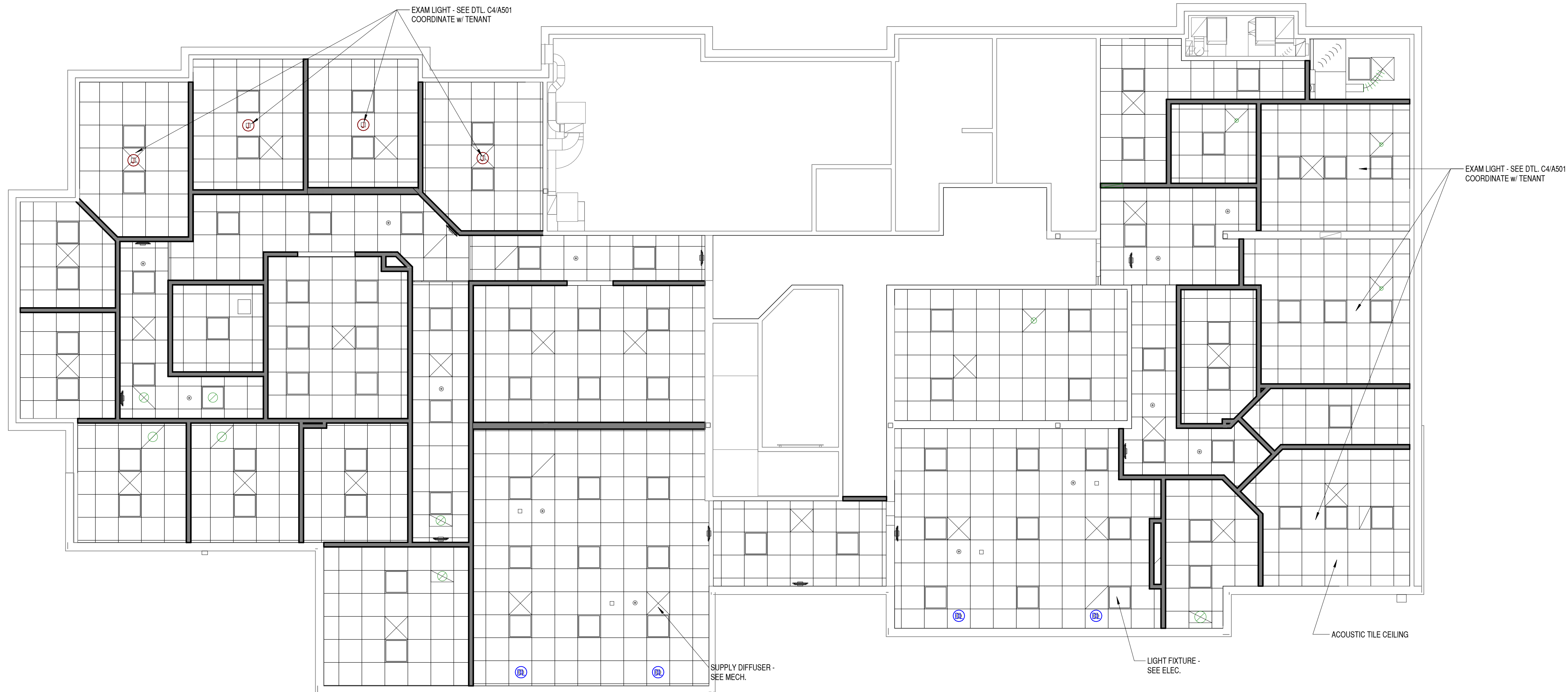
Project Status
01 January 202X

SHEET TITLE

FLOOR PLAN

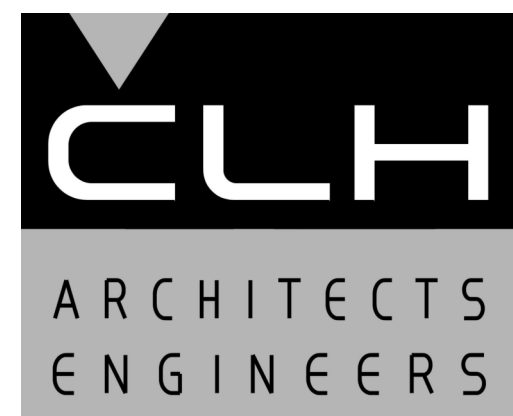
SHEET NO:

A101



B3 REFLECTED CEILING PLAN
 3/16" = 1'-0"
 0 4' 8' 16'

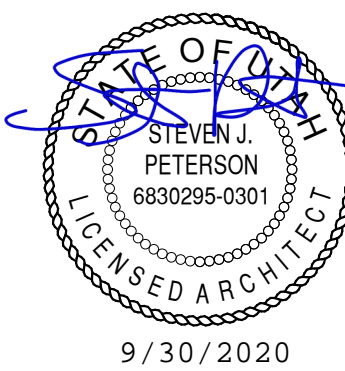
IF SHEET IS LESS THAN 24"x 36"
 IT IS A REDUCED PRINT.
 REDUCE SCALE ACCORDINGLY



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
 Suite 510 • Ogden, Utah • 84401
 801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
 Improvement

5748 South Adams Avenue
 Washington Terrace, Utah

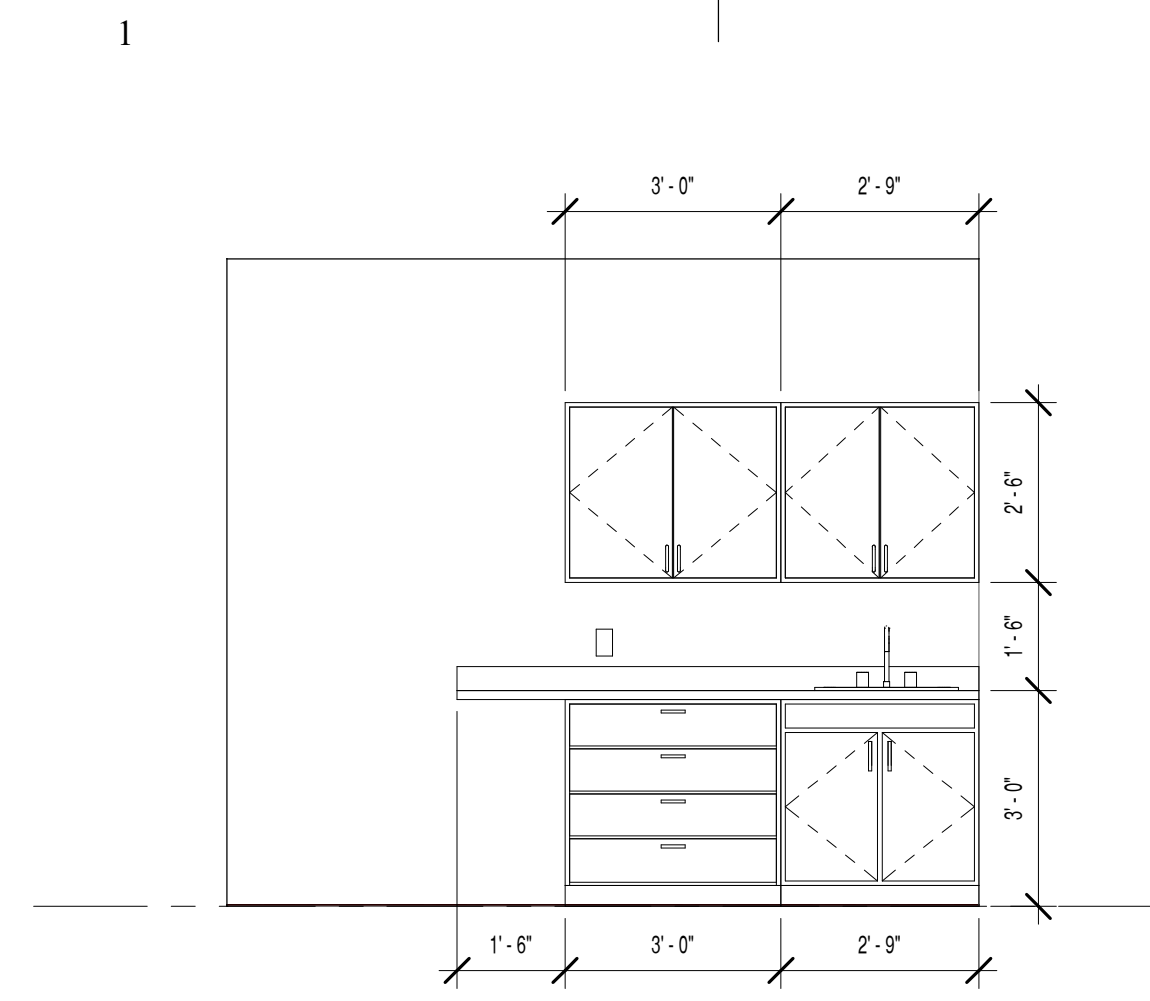
MARK	DATE	DESCRIPTION
------	------	-------------

ISSUE DATE:	1/1/202X
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

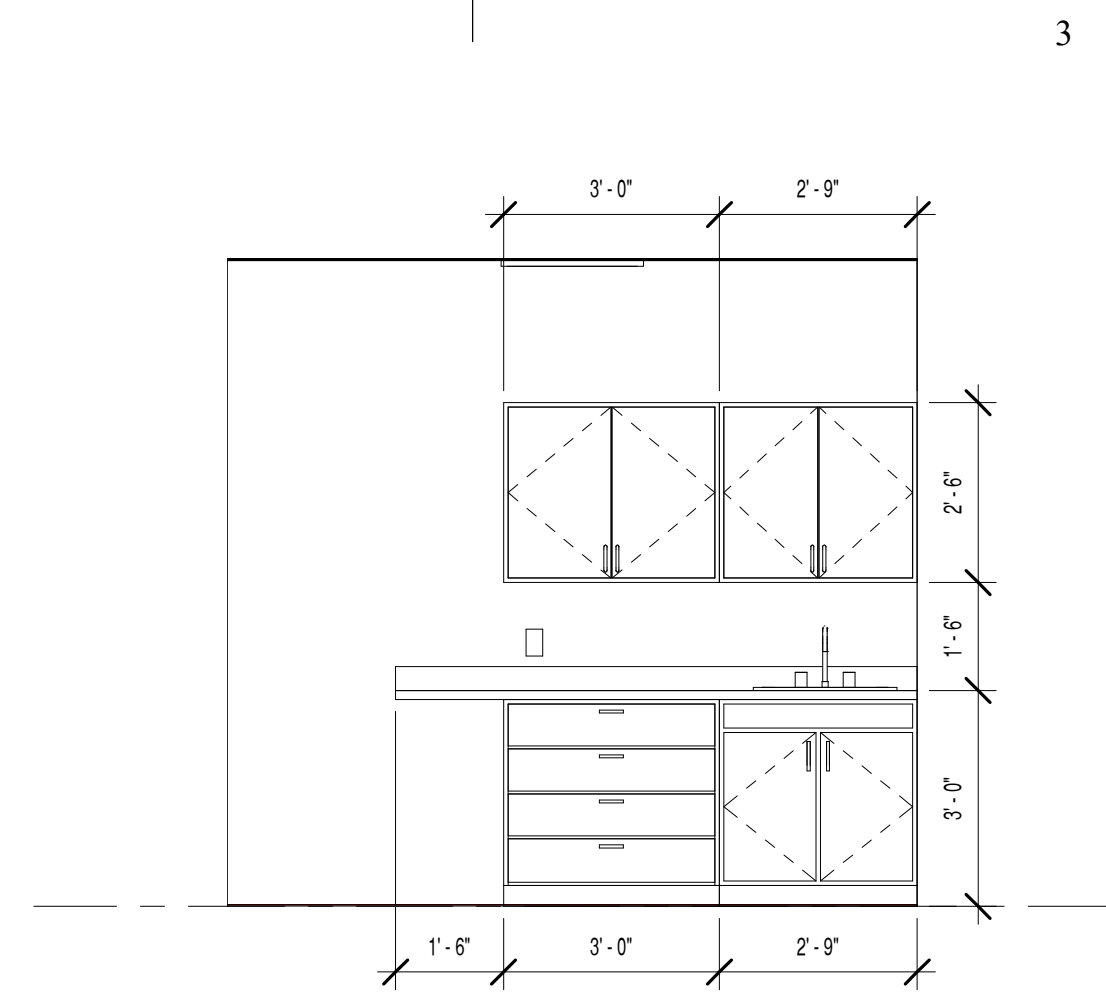
Project Status
 01 January 202X

SHEET TITLE
REFLECTED CEILING PLAN

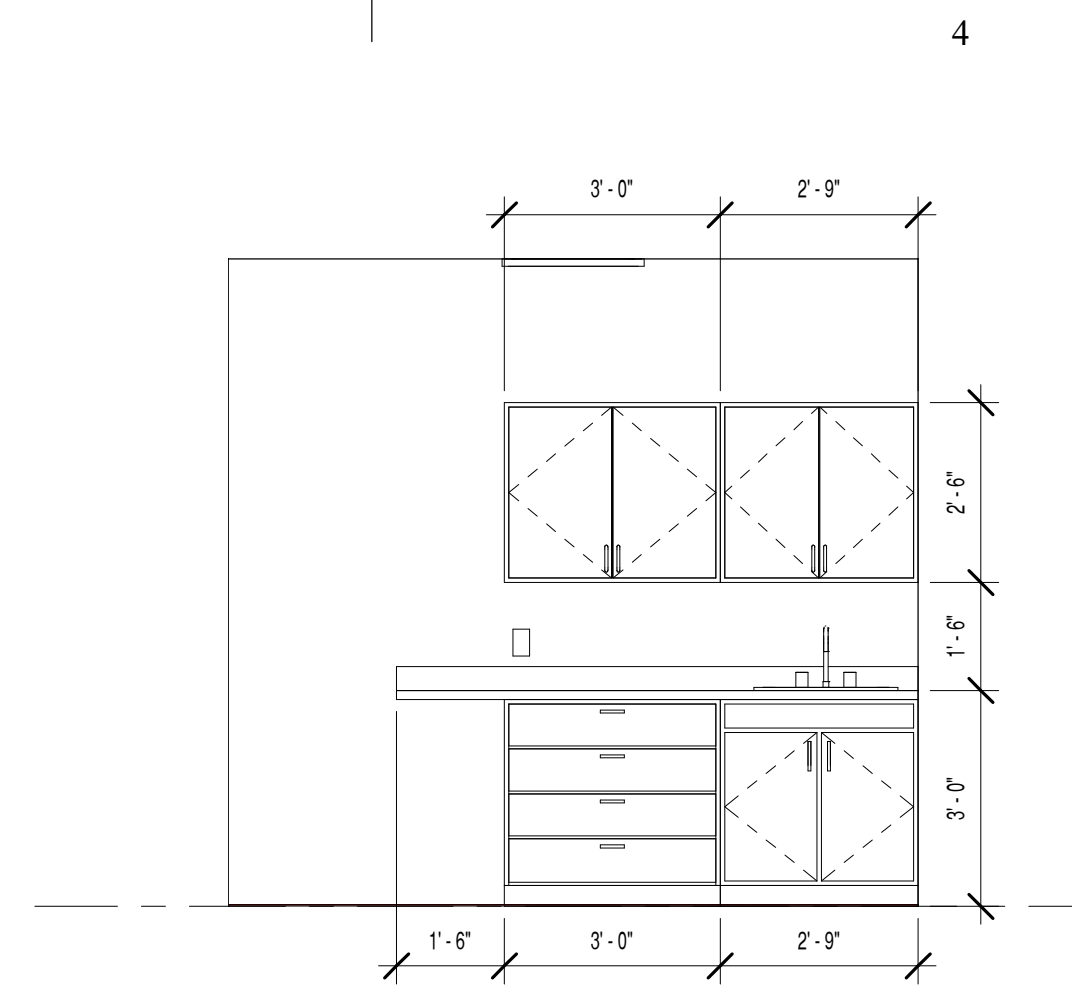
SHEET NO:
A102



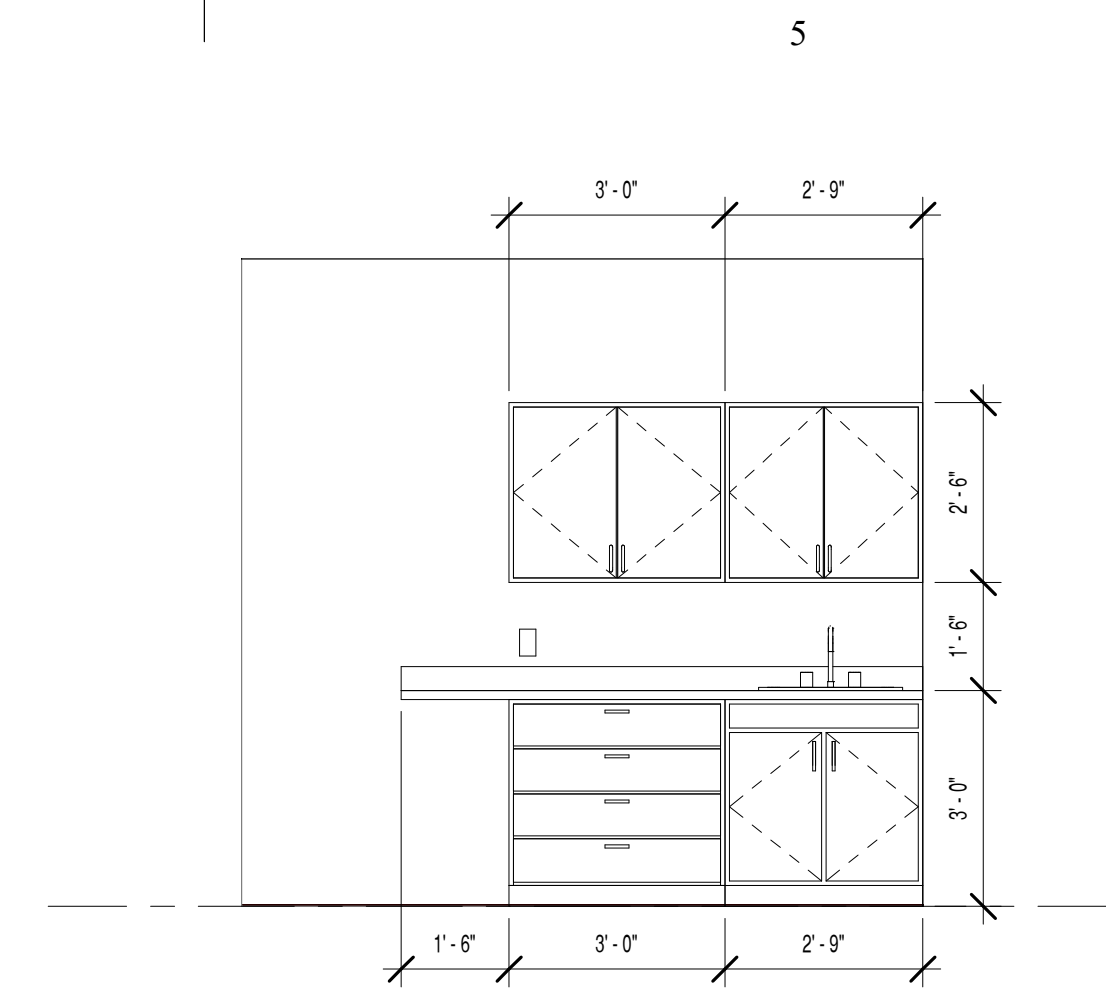
C1 INTERIOR ELEVATION - 106
3/8" = 1'-0"



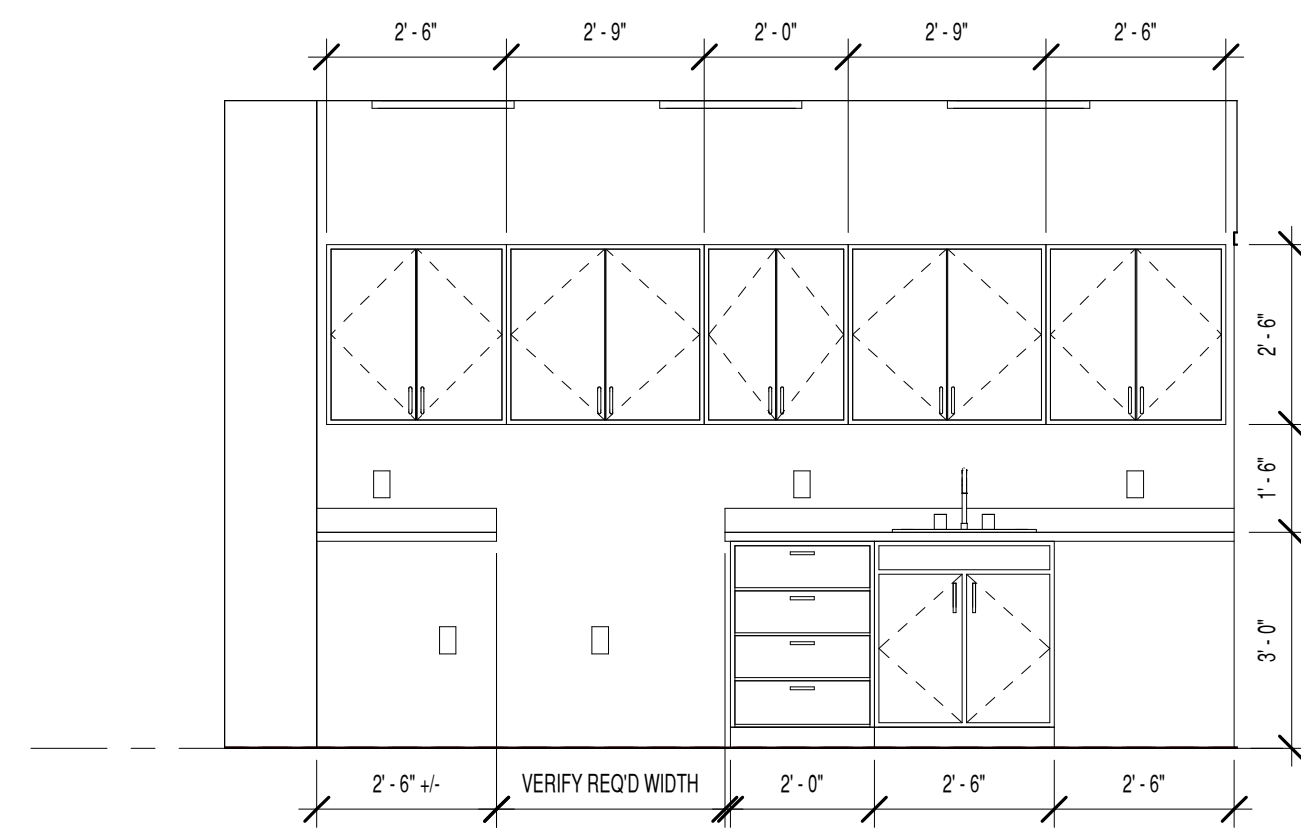
C2 INTERIOR ELEVATION - 107
3/8" = 1'-0"



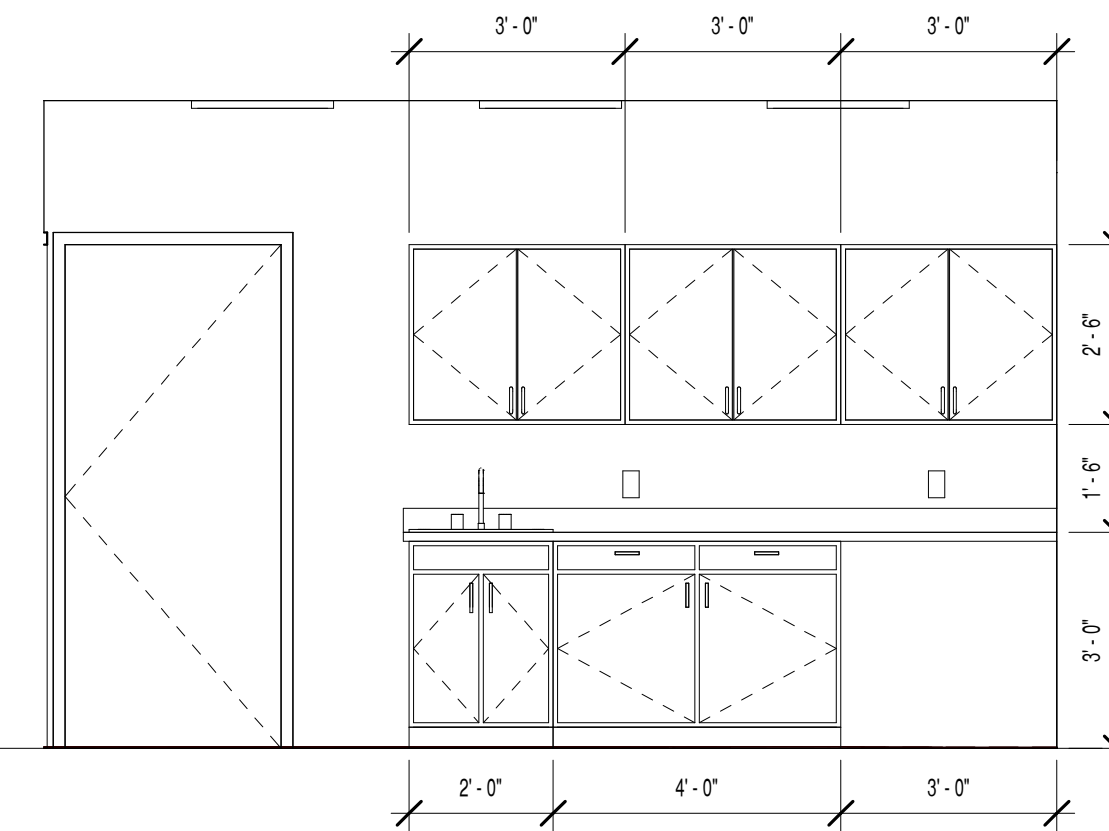
C3 INTERIOR ELEVATION - 108
3/8" = 1'-0"



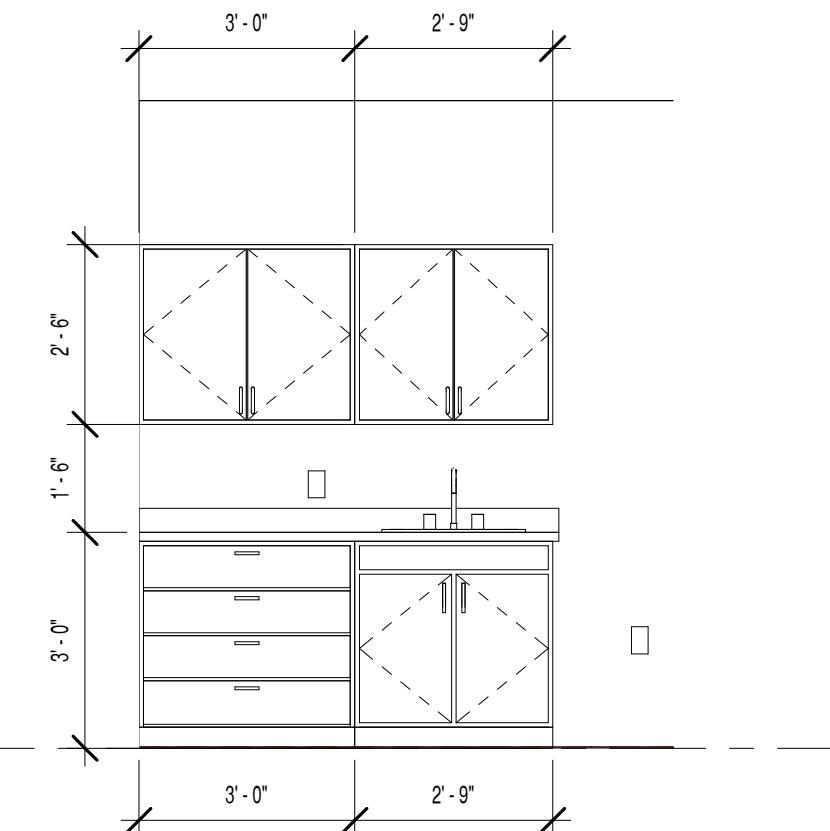
C4 INTERIOR ELEVATION - 109
3/8" = 1'-0"



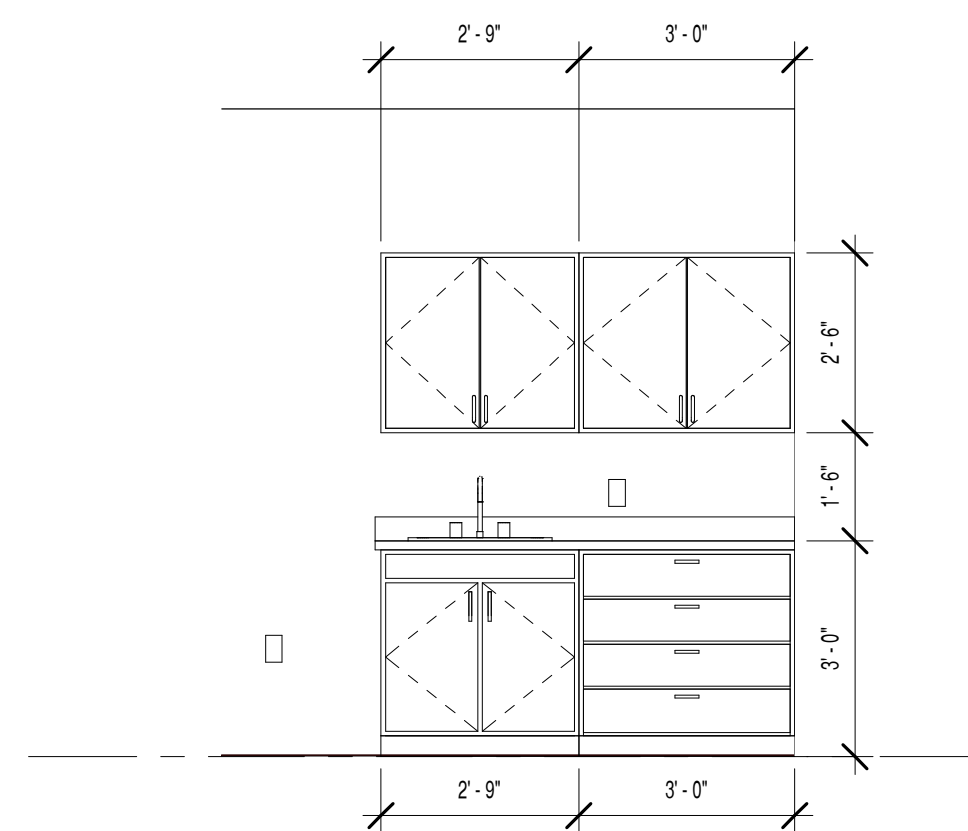
B2 INTERIOR ELEVATION - 114a
3/8" = 1'-0"



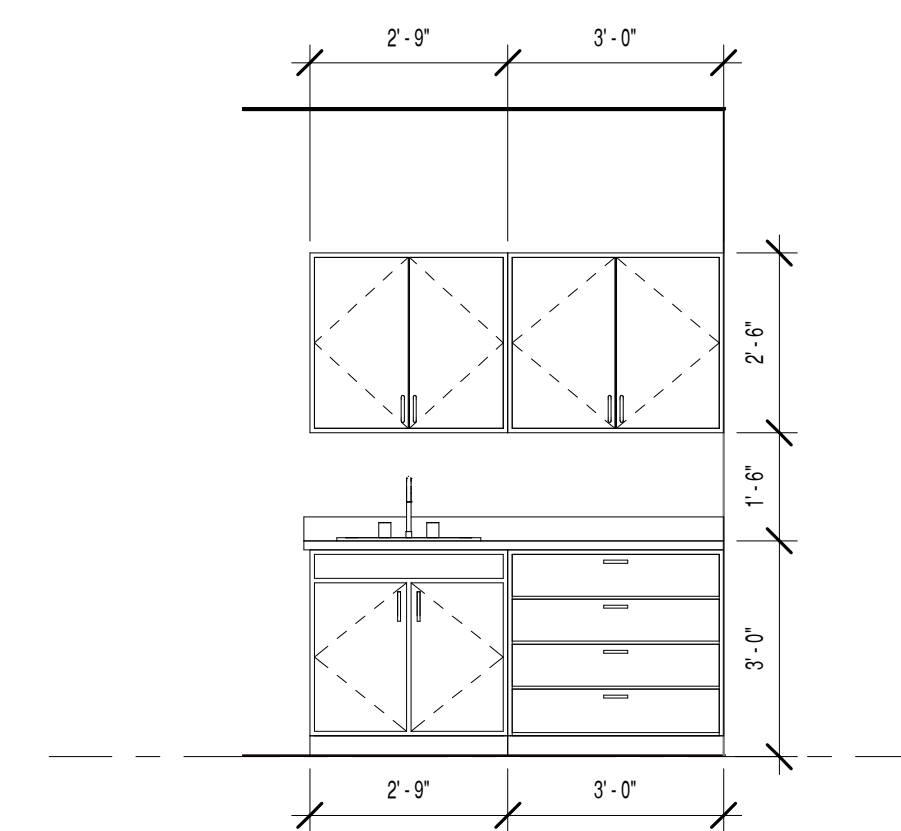
B3 INTERIOR ELEVATION - 114b
3/8" = 1'-0"



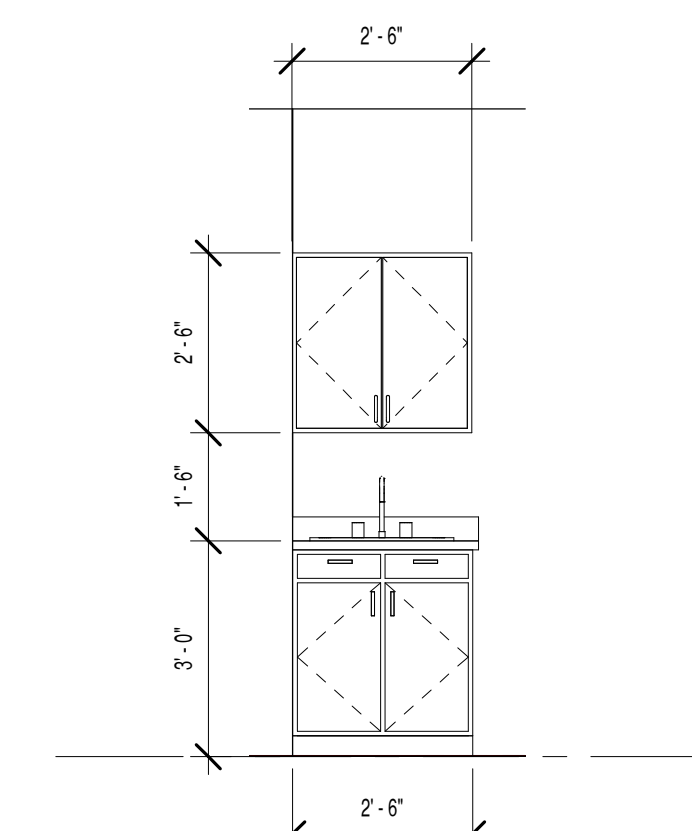
B4 INTERIOR ELEVATION - 125
3/8" = 1'-0"



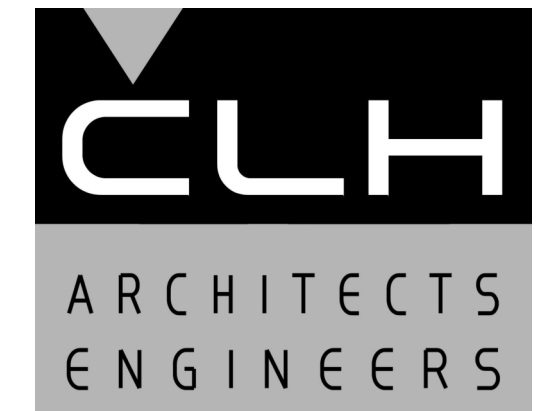
A2 INTERIOR ELEVATION - 126
3/8" = 1'-0"



A3 INTERIOR ELEVATION - 129
3/8" = 1'-0"



A4 INTERIOR ELEVATION - 134
3/8" = 1'-0"



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	1/1/202X
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

Project Status

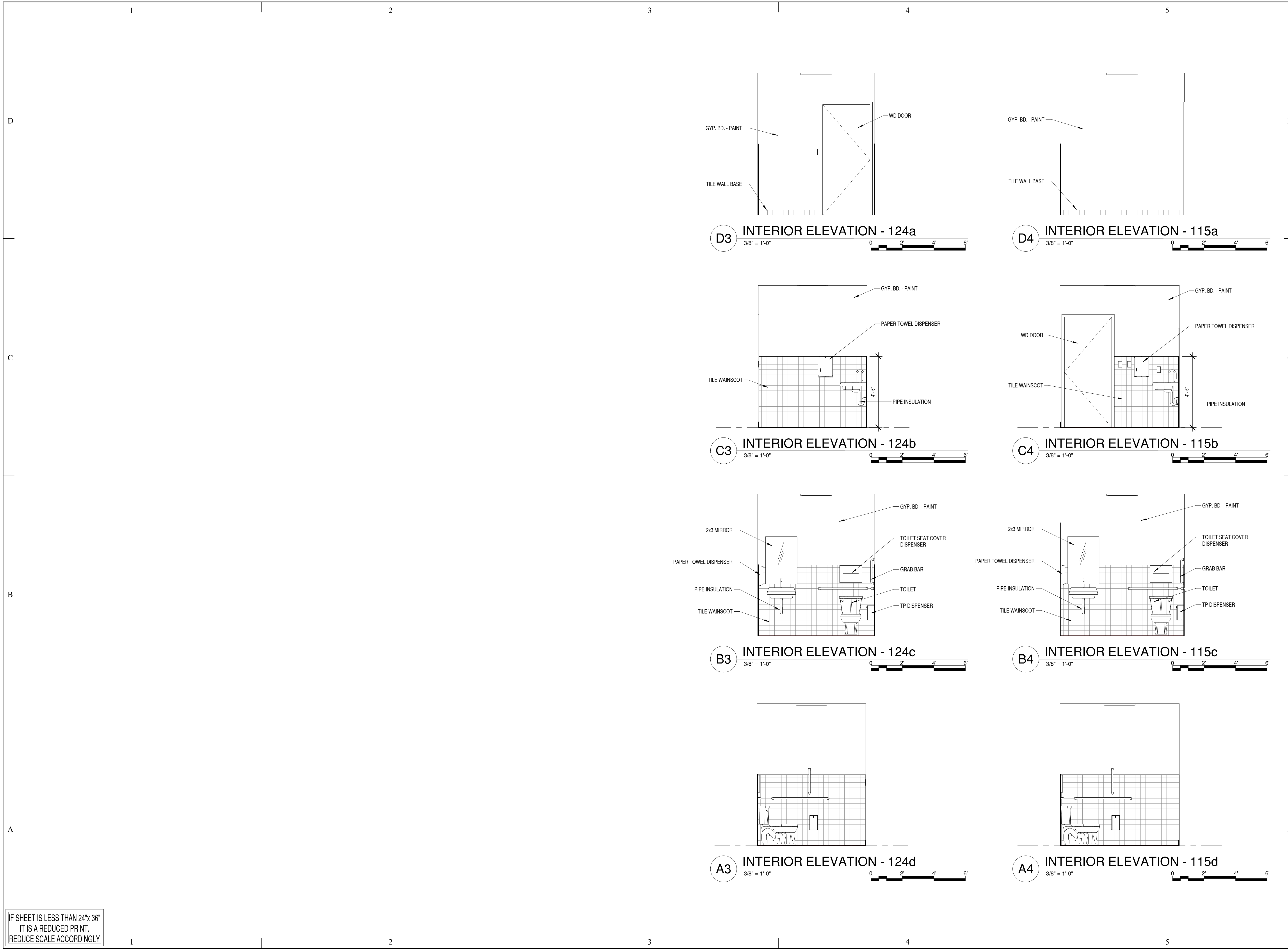
01 January 202X

SHEET TITLE

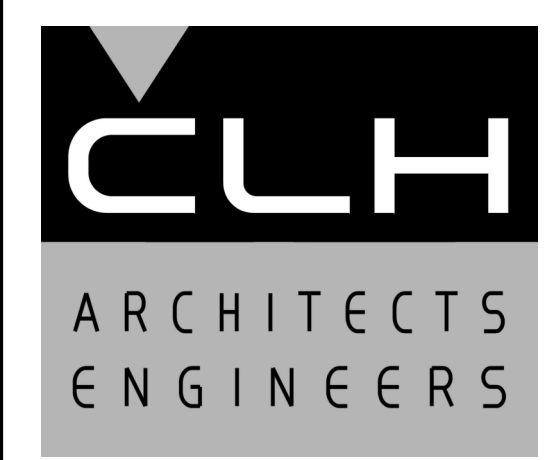
INTERIOR ELEVATIONS

SHEET NO:

A401

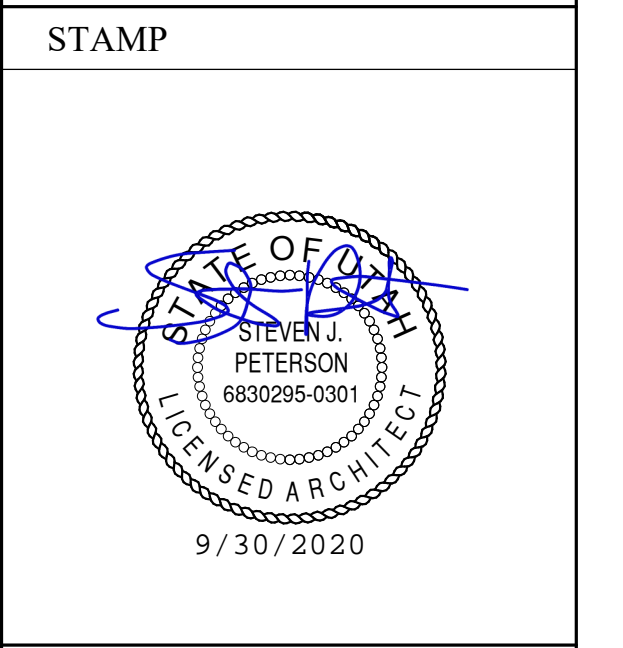


IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT



ROCKY MOUNTAIN
Dermatology

Tenant Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE: 1/1/202X
PROJECT NO: 20330
CAD DWG FILE:
DRAWN BY: Author
CHK'D BY: Checker

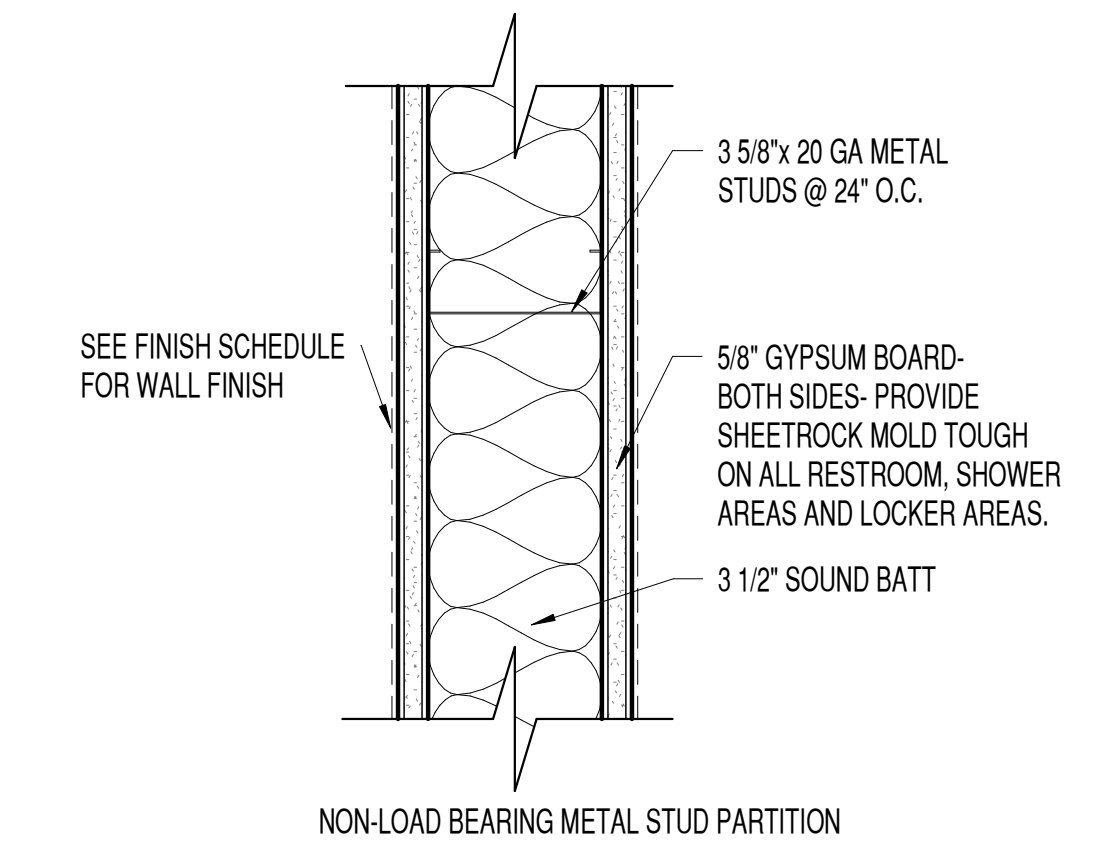
Project Status
01 January 202X

SHEET TITLE
INTERIOR ELEVATIONS

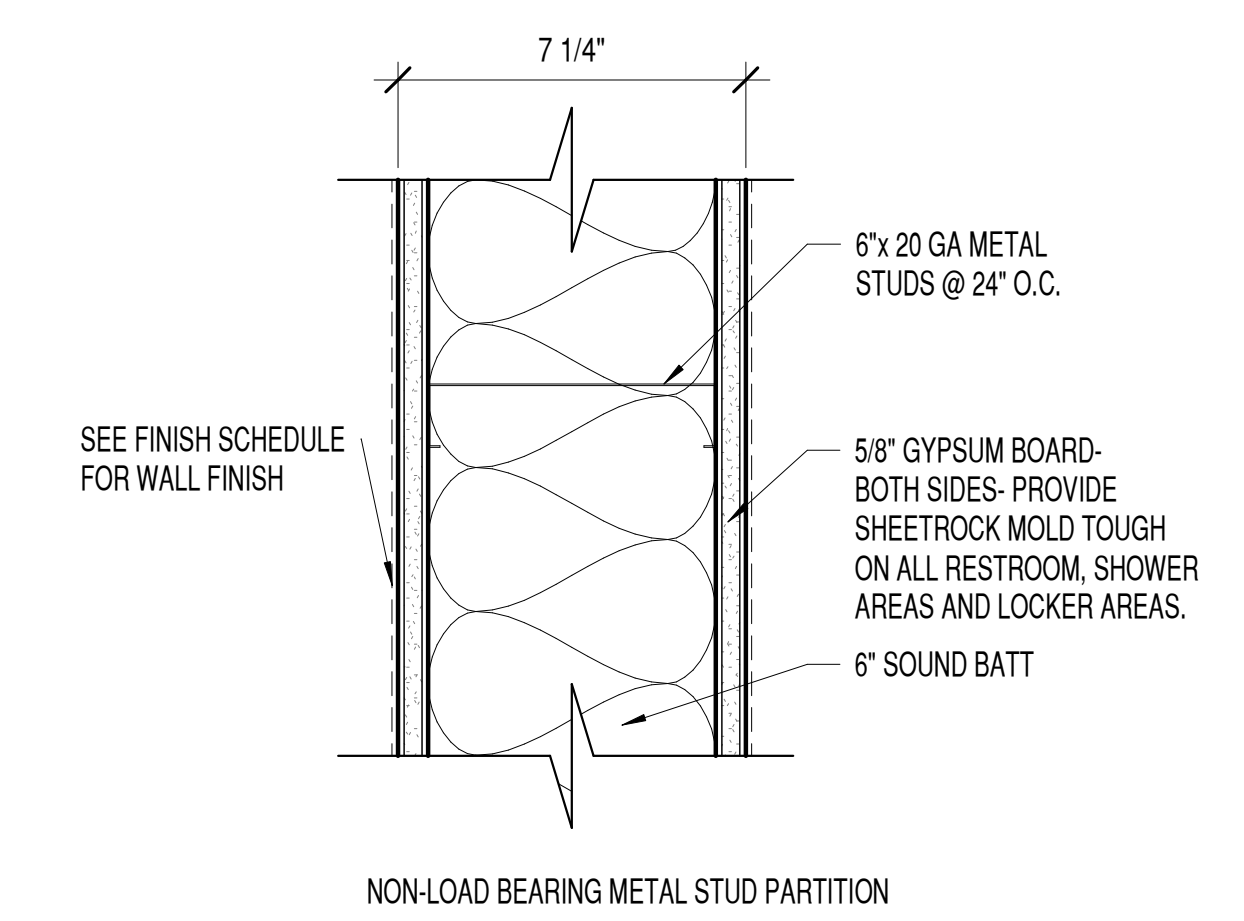
SHEET NO:
A402



C4 LIGHT MOUNT DETAIL
3" = 1'-0" 0 3 6 9

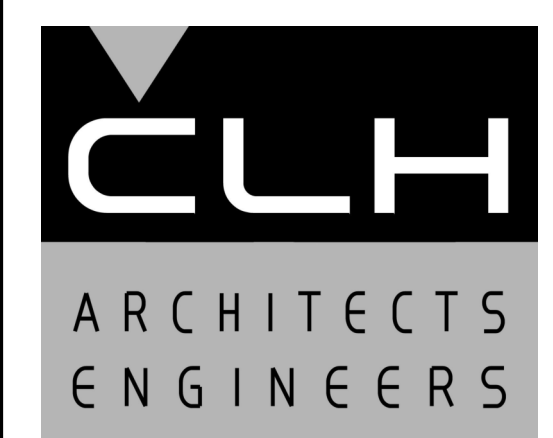


B4 WALL TYPE 'A'
3" = 1'-0" 0 3 6 9



A4 WALL TYPE 'B'
3" = 1'-0" 0 3 6 9

IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION
------	------	-------------

ISSUE DATE:	1/1/202X
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	Author
CHK'D BY:	Checker

Project Status
01 January 202X

SHEET TITLE

DETAILS & WALL
TYPES

SHEET NO:

A501

D
C
B
A

PLUMBING GENERAL NOTES

- ALL EQUIPMENT MANUFACTURERS SHOWN AS A BASIS OF DESIGN. NOT INTENDED TO SOLE SOURCE EQUIPMENT MANUFACTURER.
- THE CONTRACTOR SHALL NOT SHUT-OFF (PUT OUT OF SERVICE) ANY SYSTEM SERVICES WITHOUT FIRST COORDINATING ALL DOWNTIME WITH THE OWNERS PERSONNEL. UTILITY INTERRUPTIONS REQUIRED TO ACCOMMODATE NEW CONNECTIONS MAY REQUIRE ODD HOUR WORK.
- PIPE ROUTING IS APPROXIMATE. DIAGRAMMATIC AND IS NOT TO BE SCALED. WHERE ALTERNATE ROUTING, OFFSETS AND TRANSITIONS ARE REQUIRED FOR COORDINATION OF ALL WORK. THE CONTRACTOR SHALL MAKE CHANGES WITHOUT ADDITIONAL COSTS.
- THE CONTRACTOR SHALL CLOSELY COORDINATE NEW PLUMBING WITH ALL ELECTRICAL, MECHANICAL, ARCHITECTURAL AND STRUCTURAL MEMBERS.
- ALL PIPING AND PLUMBING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE, NATIONAL FIRE CODE AND INTERNATIONAL FUEL GAS CODE.
- WHEN CONNECTING NEW PIPING TO EXISTING, CONTRACTOR TOMATCH EXISTING PIPING MATERIAL UNLESS OTHERWISE NOTED.
- PRIME AND PAINT ALL EXPOSED PIPES AND PIPE SUPPORT.
- ALL EXTERIOR SUPPORTS, BRACES, ANCHORS, ETC. WITH OPEN ENDS TO BE CAPPED AND SEALED WEATHERTIGHT.
- ROOF FLASHING MATERIALS: UNLESS NOTED ELSEWHERE, PROVIDEROOF FLASHING AS REQUIRED/RECOMMENDED BY ROOFING AND/OR PIPING MANUFACTURERS.
- PIPING SEISMIC SUPPORTS SHALL NOT BE REQUIRED IF PIPING IS SUPPORTED BY ROD HANGERS; HANGERS IN THE PIPE RUN 12 INCH OR LESS IN LENGTH FROM TOP OF THE PIPE TO THE SUPPORTING STRUCTURE. PIPING WITH ROD HANGERS; HANGERS IN THE PIPE RUN OVER 12 INCHES IN LENGTH FROM THE TOP OF THE PIPE TO THE SUPPORT STRUCTURE WILL BEREQUIRED TO BE SEISMICALLY RESTRAINED.
- PROVIDE ACCESS PANELS FOR SERVICING OF WALL HYDRANT, TRAP PRIMERS AND WATER HAMMER ARRESTORS.
- SIZE AND SELECT ALL WATER HAMMER ARRESTORS PER MANUFACTURERES RECOMMENDATIONS.
- ALL WETTED SURFACES OF POTABLE WATER PIPES, PIPE FITTINGS, PLUMBING FITTINGS AND FIXTURES MEET A WEIGHTED AVERAGE LEAD CONTENT OF NO MORE THAN 0.25 PERCENT PER ANSI 61 AND ANSI 372.
- EXISTING UTILITY LOCATIONS AND SIZES ARE ESTIMATED. CONTRACTOR TO FELD VERIFY.

ELECTRIC WATER HEATER SCHEDULE										
MARK	MANUFACTURER & MODEL	SYSTEM SERVED	TANK CAPACITY (GAL)	NO. OF ELEMENTS	HEATING KW	RECOVERY @ 90°F RISE (GPH)	VOLTS / PHASE	WEIGHT (LBS)	DIMENSIONS HxWxD (IN)	NOTES
WH-1	LOCKINVAR KSA030KDB	DERMATOLOGY SUITE	28	1	4.5	43	240/1	310	30 X 20	

PLUMBING FIXTURE SCHEDULE										
MARK	DESCRIPTION	MANUFACTURER & MODEL	GPM	CONNECTIONS				NOTES		
				CW	HW	WASTE	VENT			
FCO	FLOOR CLEANOUT	J.R. SMITH 4020 SERIES	-	-	-	MATCH LINE SIZE	-	MATCH CLEANOUT SIZE TO PIPE IT SERVES		
FD-1	SQUARE HEAD FLOOR DRAIN	J.R. SMITH 2005Y-B-2692	-	-	-	2"	1 1/2"	NICKEL BRONZE STRAINER HEAD, QUAD CLOSE TRAP SEAL DEVICE		
S-1	DOUBLE BOWL KITCHEN SINK - ADA	ELKAY LRAD33224 SINK	1.5	1/2	1/2	1 1/2"	-	PROFLO 1 1/2" SS BASKET, STRAINER, & P-TRAP. BADGES 5 DISPOSAL. BRASS CRAFT KWIK TURN STOPS, CHROME MOEN 7430 FAUCET WITH SPRAYER		
S-2	COUNTER UNDERMOUNT LAVATORY - ADA	AMERICAN STANDARD 0614.300	0.5	1/2"	1/2"	1 1/4"	1 1/2"	AMERICAN STANDARD 6055.105 LV10 BATTERY POWERED SENSOR FAUCET AND 605XTMV MIXING VALVE, SINGLE HOLE DRILL FOR FAUCET, PROTECTIVE ADA WRAP ON PIPES		
LAV-1	WALL HUNG LAVATORY - ADA	AMERICAN STANDARD 0124.131	1	1/2"	1/2"	1 1/2"	1 1/2"	AMERICAN STANDARD 6055.105 LV10 BATTERY POWERED SENSOR FAUCET, 4" DECK PLATE, AMERICAN STANDARD 605XTMV MIXING VALVE, CONCEALED ARM...		
TSD-1	TRAP SEAL DEVICE	J.R. SMITH 2692	-	-	-	MATCH LINE SIZE	-	QUAD CLOSE TRAP SEAL DEVICE		
WC-1	FLOOR MOUNTED WATER CLOSET - ADA	AMERICAN STANDARD 211AA.104	1.28 GPF	1/2"	-	3"	1 1/2"	WHITE ELONGATED BOWL, EVER CLEAN SURFACE FINISH, AMERICAN STANDARD STOP SEAT (5325.010), HANDLE TO BE ON WIDE SIDE, REFERENCE ARCH PLANS FOR MOUNTING HEIGHT		
WCO	WALL CLEANOUT	J.R. SMITH 4472T	-	-	-	MATCH LINE SIZE	-	PROVIDE WALL ACCESS		

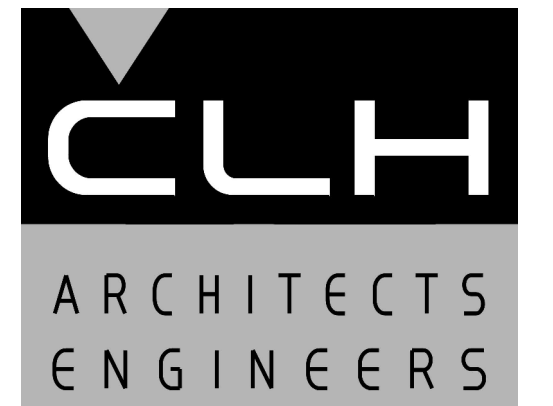
CIRCULATING PUMP SCHEDULE												
MARK	MANUFACTURER & MODEL	SYSTEM SERVED	TYPE	GPM	HEAD (FT)	FLUID	FLUID TEMP	MOTOR			WEIGHT (LBS)	NOTES
								AMP	HP	VOLT/ PHASE		
P-1	TACO IL009	HOT WATER RECIRC.	IN LINE	1.75	30	WATER	110	1.4	0.125	115/1	9.5	

EXPANSION TANK SCHEDULE											
MARK	MANUFACTURER & MODEL	SYSTEM SERVED	TYPE	MAX TEMP (°F)	FLUID	TANK VOL (GAL)	ACCEPT VOL (GAL)	MAX PRESSURE (PSI)	DIMENSIONS DIAxH (IN)	WEIGHT (LB)	NOTES
ET-1	AMTROL ST-5	DERMATOLOGY SUITE	DIAPHRAM	200	WATER	2	0.9	150	8 X 13	5	

MINIMUM PIPE INSULATION THICKNESS TABLE									
FLUID DESIGN OPERATING TEMP RANGE (°F)	VAPOR BARRIER RATING (PERMS)	INSULATION CONDUCTIVITY		NOMINAL PIPE OR TUBE SIZE (IN)					
		CONDUCTIVITY (BTU-IN/(H-FT2-F))	MEAN RATING TEMP (°F)	<1"	1" TO <1 1/2"	1 1/2" TO <4"	4" TO <8"	>8"	
201-250	-	0.27-0.30	150	2.5	2.5	2.5	3.0	3.0	
141-200	-	0.25-0.29	125	1.5	1.5	2.0	2.0	2.0	
105-140	-	0.21-0.28	100	1.0	1.0	1.5	1.5	1.5	
40-60	<0.05	0.21-0.27	75	0.5	0.5	1.0	1.0	1.0	
<40	<0.02	0.20-0.26	50	0.5	1.0	1.0	1.0	1.5	

PLUMBING LEGEND

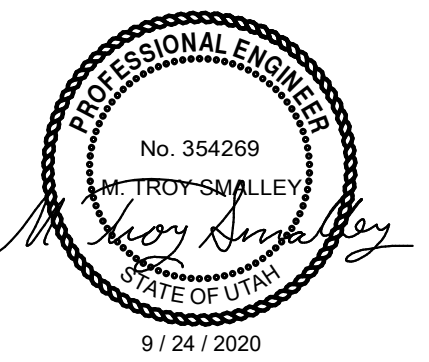
SYMBOL	DESCRIPTION
---	DOMESTIC COLD WATER PIPING (DCW)
---	DOMESTIC HOT WATER PIPING (DHW)
---	RECIRCULATING HOT WATER PIPING (DHR)
---	VENT PIPING
---	SANITARY SEWER PIPING (ABOVE GROUND)
---	SANITARY SEWER PIPING (UNDERGROUND)
---	TRAP PRIMER PIPING
---	CONDENSATE DRAIN
---	COMPRESSED AIR PIPING
---	NATURAL GAS PIPING
---	ROOF DRAIN PIPING
---	OVERFLOW ROOF DRAIN PIPING
---	SOFTENED WATER PIPING
---	PLANT VACUUM
---	PROCESS COLD WATER PIPING (NON-POTABLE)
---	PROCESS HOT WATER PIPING (NON-POTABLE)
---	ACID WASTE PIPING
---	ACID VENT PIPING
---	DIRECTION OF FLOW
---	BACKFLOW PREVENTER
---	WATER HAMMER ARRESTER
---	TRAP PRIMER DEVICE
---	FLOOR CLEANOUT
---	LUBRICATED PLUG VALVE
---	GATE VALVE
---	GLOBE VALVE
---	BALL VALVE
---	BUTTERFLY VALVE
---	CALIBRATED BALANCING VALVE
---	PRESSURE REDUCING VALVE (PRV)
---	CHECK VALVE
---	Y-STRAINER
---	STRAINER WITH BLOWDOWN
---	CONCENTRIC REDUCER
---	ECCENTRIC REDUCER
---	THERMOMETER
---	BLIND FLANGE OR CAP
---	PIPING TEE DOWN
---	PIPING TEE UP
---	PIPING ELBOW UP
---	PIPING ELBOW DOWN
---	PRESSURE GAUGE
---	PRESSURE GAUGE w/ SYPHON & COCK
---	UNION OR FLANGE
---	AIR LINE QUICK CONNECT
---	FLOOR DRAIN OR FLOOR SINK
---	ROOF DRAIN
---	PUMP
---	WALL CLEANOUT
---	HOSE BIBB
---	POINT OF CONNECTION
---	POINT OF DISCONNECTION
---	DETAIL CALLOUT
---	HUMIDISTAT
---	PLUMBING FIXTURE CALLOUT
---	ABOVE
---	ABOVE FINISH FLOOR
---	BETWEEN
---	BELOW
---	BOTTOM
---	CLEANOUT
---	CLEANOUT TO GRADE
---	DOWN
---	EXISTING
---	FLOOR CLEANOUT
---	NOT IN CONTRACT
---	SANITARY SEWER
---	STAINLESS STEEL
---	THROUGH
---	TYPICAL
---	VENT THRU ROOF
---	WALL CLEANOUT



Case, Lowe & Hart, Inc. • 2484 Washington Blvd. Suite 510 • Ogden, Utah • 84401 801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN Dermatology

Tenant Improvement

5748 South Adams Avenue Washington Terrace, Utah

MARK DATE DESCRIPTION

ISSUE DATE: 9/24/2020
PROJECT NO: 20330
CAD DWG FILE:
DRAWN BY: GM, JAC
CHK'D BY: MTS

Permit Set

24 September 2020

SHEET TITLE

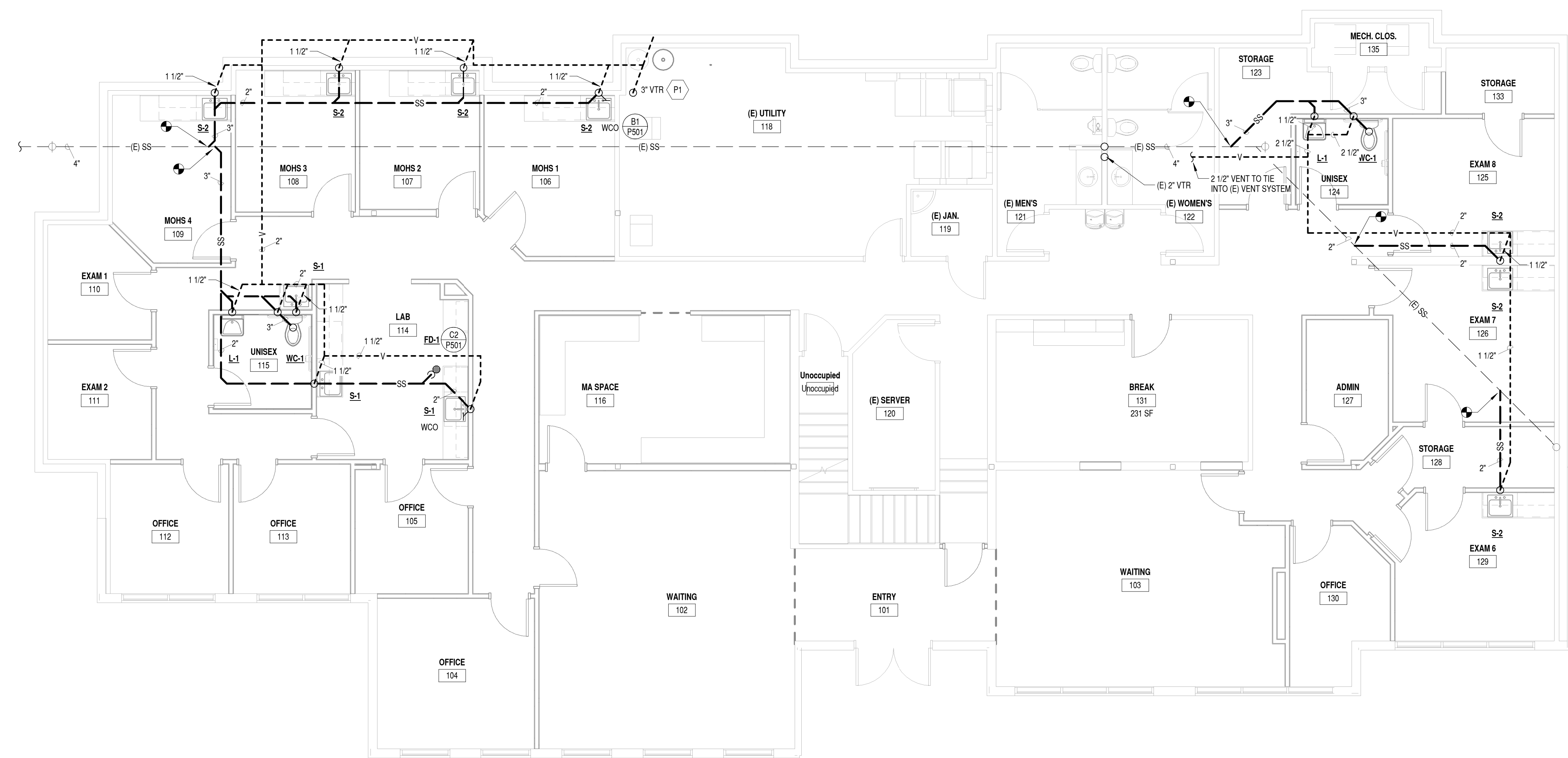
PLUMBING SCHEDULES

SHEET NO:

P001

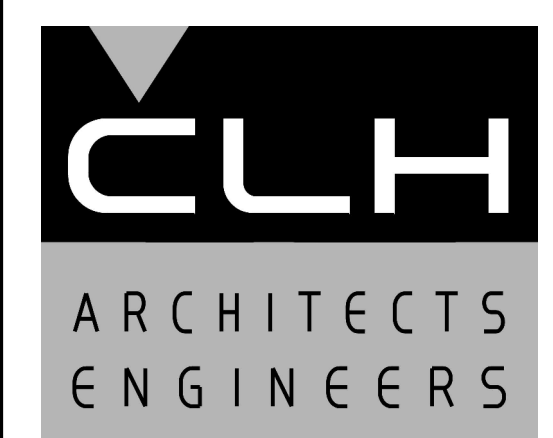
IF SHEET IS LESS THAN 24"x 36" IT IS A REDUCED PRINT. REDUCE SCALE ACCORDINGLY

C:\Users\jamese\Documents\20330-2020_jamese@clhae.com.rvt



B1 WASTE AND VENT PLAN
 3/16" = 1'-0"
 0 4' 8' 12'

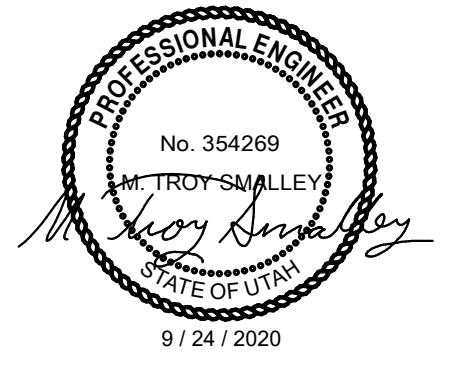
PLUMBING KEYED NOTES	
MARK	NOTE
P1	ROUTE 3" VENT UP THRU ROOF VIA EXISTING CHASE.



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
 Suite 510 • Ogden, Utah • 84401
 801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
 Improvement

5748 South Adams Avenue
 Washington Terrace, Utah

MARK	DATE	DESCRIPTION
------	------	-------------

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	MTS

Permit Set
 24 September 2020

SHEET TITLE

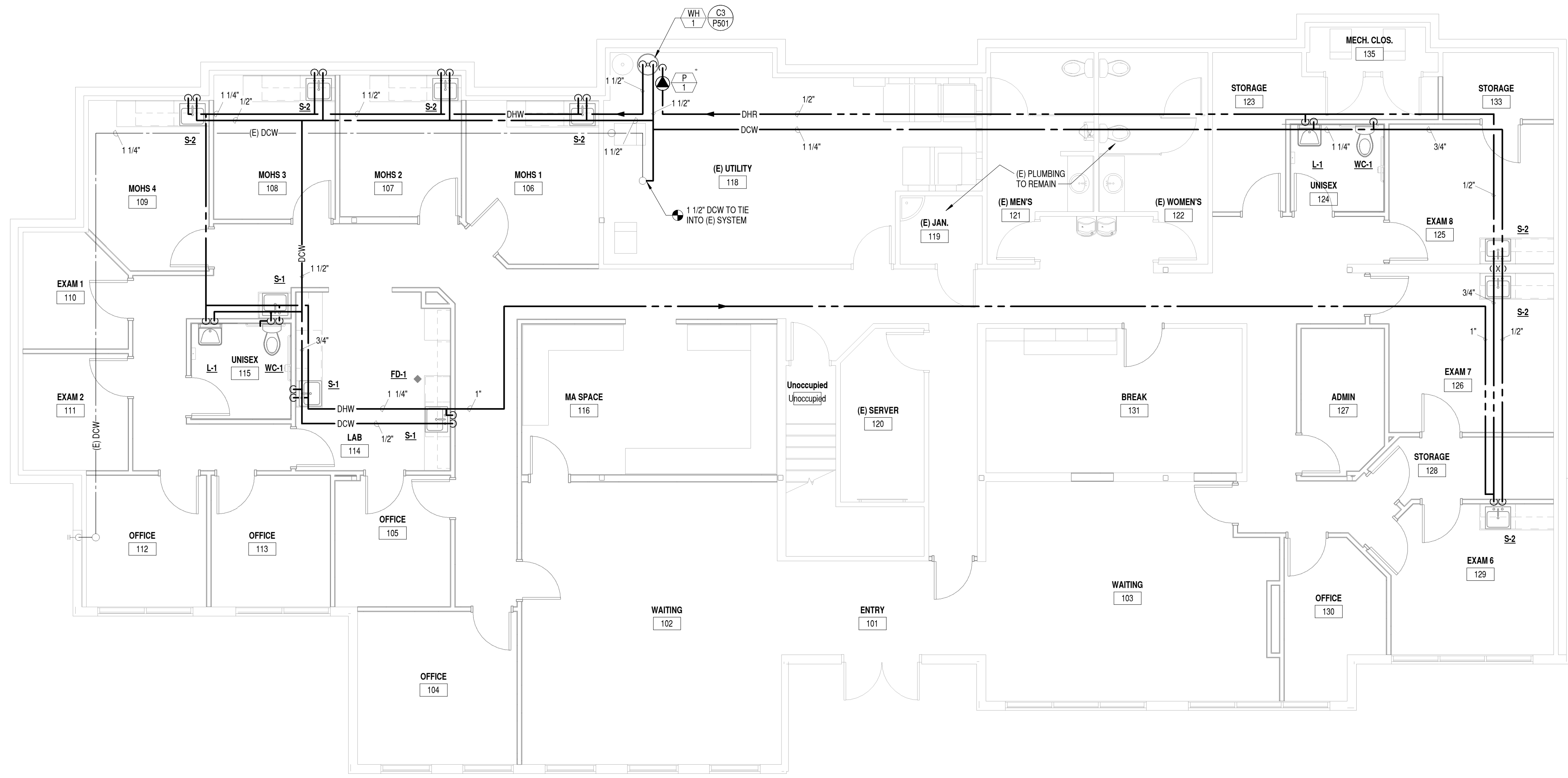
WASTE AND VENT
 PLAN

SHEET NO:

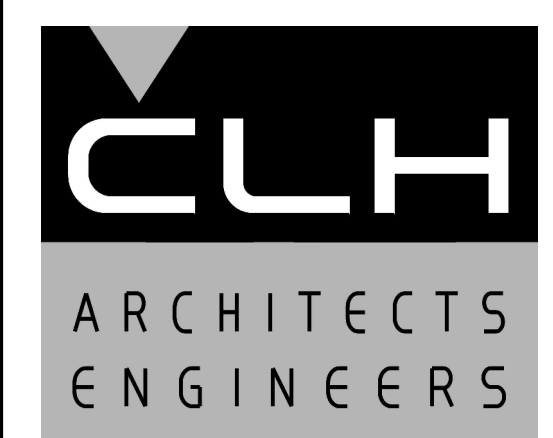
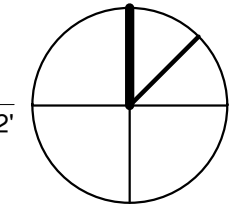
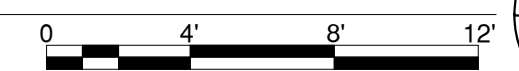
P101

IF SHEET IS LESS THAN 24" x 36"
 IT IS A REDUCED PRINT.
 REDUCE SCALE ACCORDINGLY

C:\Users\jamese.C\HAE\Documents\M_20330-2020_jamese@clhae.com.rvt



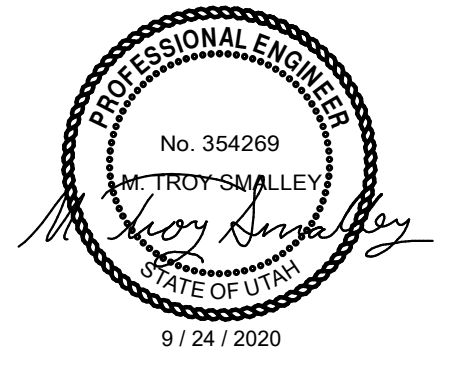
B1 PLUMBING PLAN
 3/16" = 1'-0"



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
 Suite 510 • Ogden, Utah • 84401
 801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
 Improvement

5748 South Adams Avenue
 Washington Terrace, Utah

MARK	DATE	DESCRIPTION
------	------	-------------

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	MTS

Permit Set
 24 September 2020

SHEET TITLE

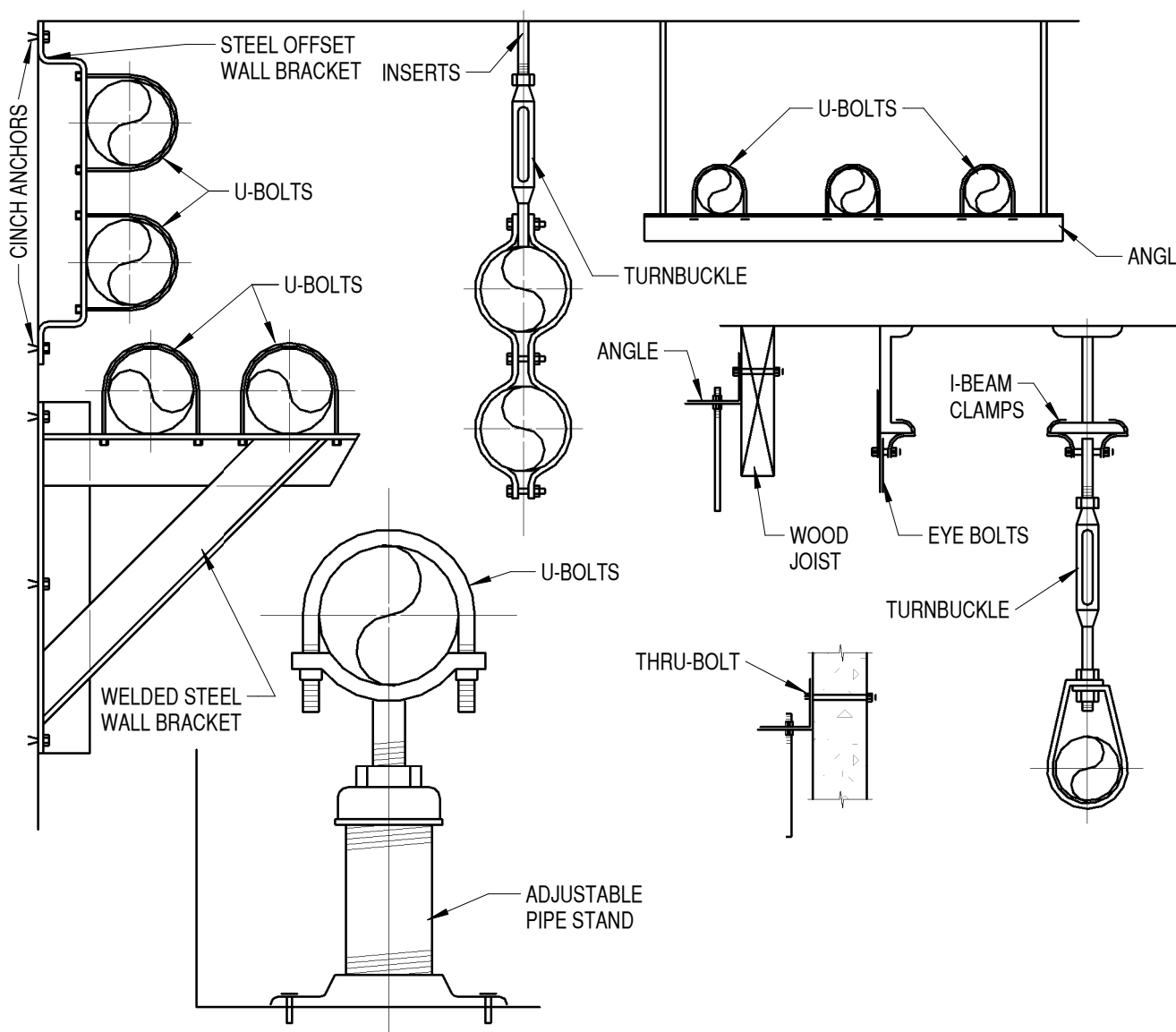
PLUMBING PLAN

SHEET NO:

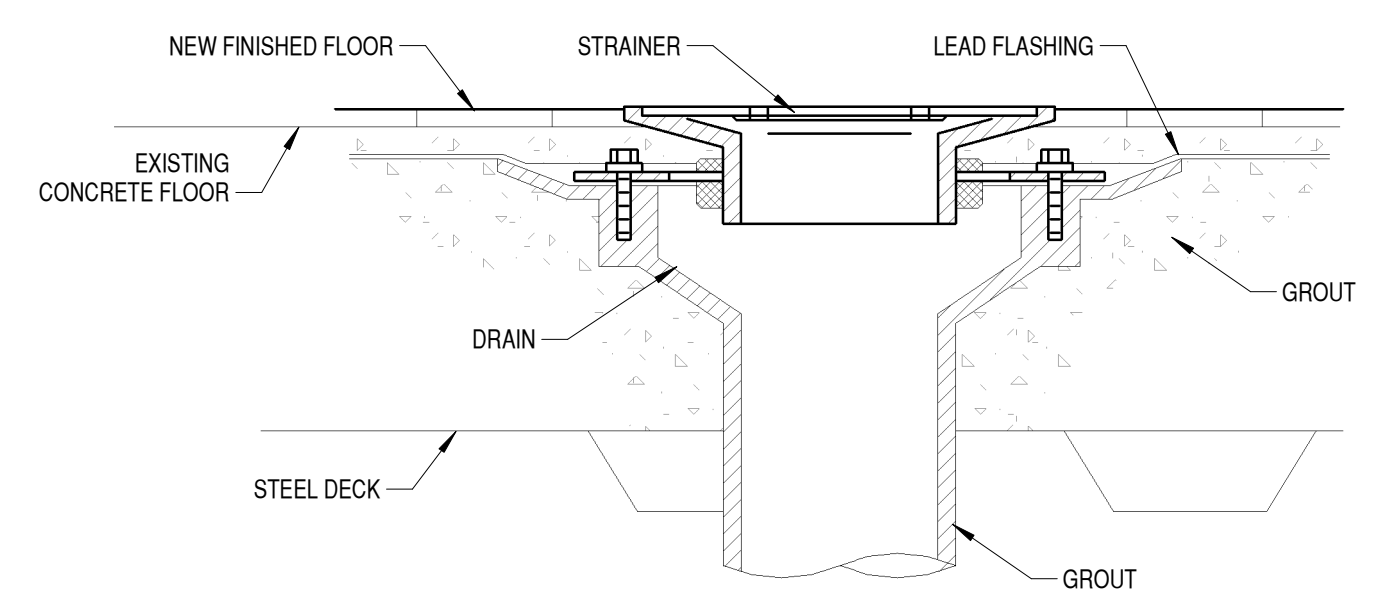
P102

IF SHEET IS LESS THAN 24"x 36"
 IT IS A REDUCED PRINT.
 REDUCE SCALE ACCORDINGLY

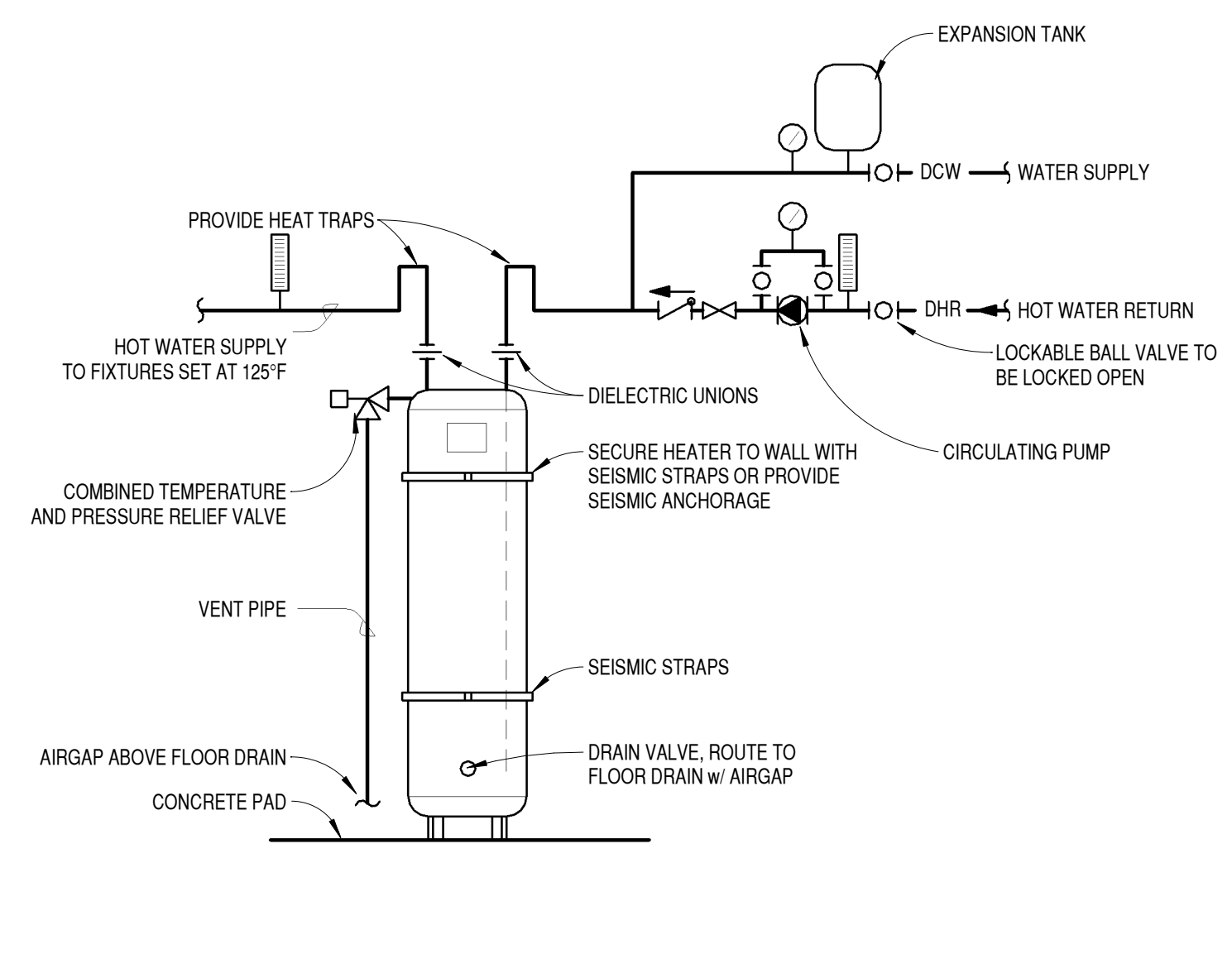
C:\Users\jamese\Documents\20330-2020_jamese@clhae.com.rvt



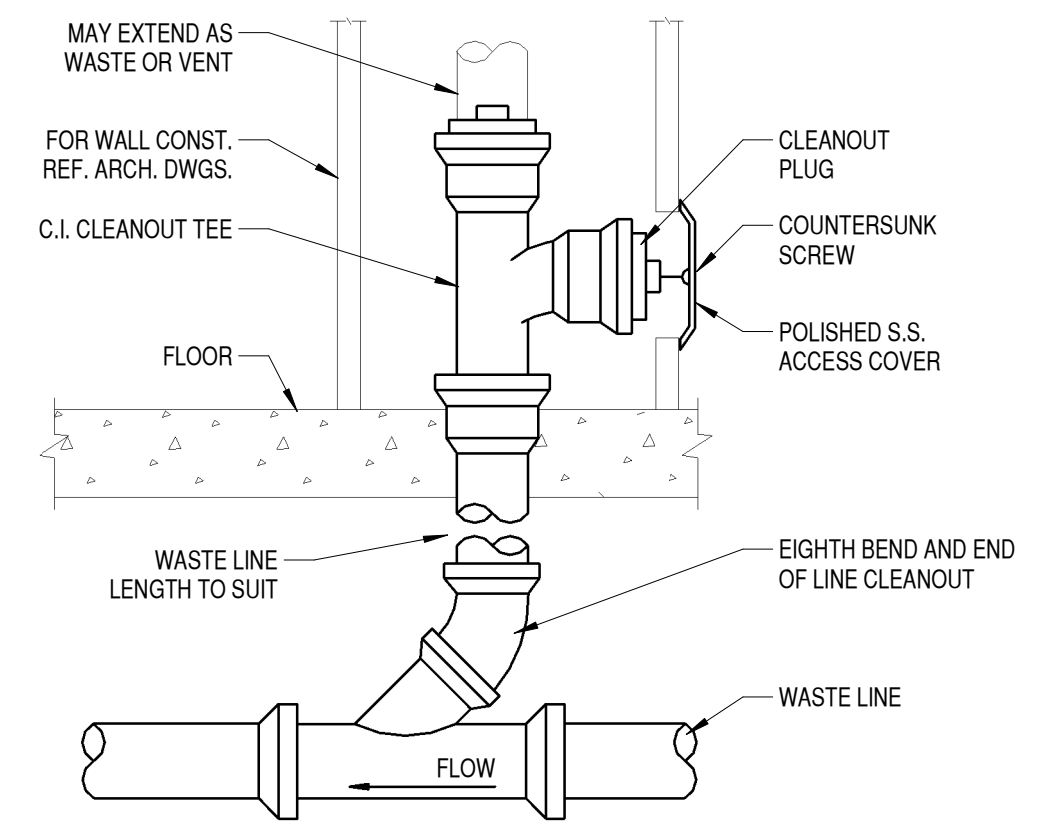
C1 TYPICAL PIPE SUPPORT DETAIL
NO SCALE



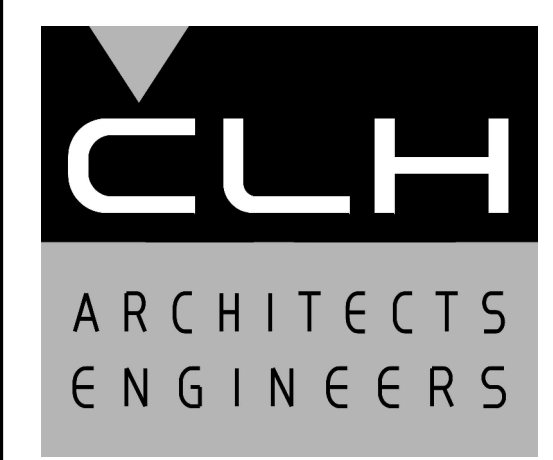
C2 TYPICAL FLOOR DRAIN DETAIL
NO SCALE



C3 ELECTRIC WATER HEATER DETAIL
NO SCALE



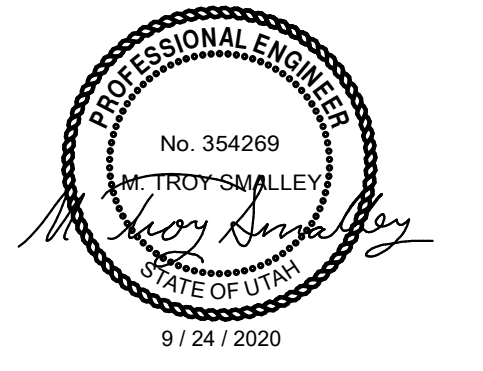
B1 TYPICAL WALL CLEANOUT DETAIL
NO SCALE



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION
------	------	-------------

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	MTS

Permit Set
24 September 2020

SHEET TITLE

PLUMBING DETAILS

SHEET NO:

P501

IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

9/22/2020 7:33:31 AM

EXHAUST FAN SCHEDULE											
MARK	MANUFACTURER & MODEL	DESCRIPTION	AREA SERVED	CFM	STATIC PRESS. (IN WC)	RPM	SOUND RATING (dBA)	ELECTRICAL WATTS	VOLTS/PHASE	WEIGHT (LBS)	NOTES
EF-1	PRICE T100	CEILING VENTILATOR	UNISEX 115	90	0.25	940		8.4	120/1	25	
EF-2	GREENHECK SQ-90 VG	INLINE FAN	EAST SUITE	330	0.5	1645	56	1/6 HP	120/1	50	

GRILLE, REGISTER & DIFFUSER SCHEDULE											
MARK	MANUFACTURER & MODEL	DESCRIPTION	MATERIAL	FINISH	FRAME	DAMPER	MAX NC	MAX CFM	NECK SIZE	MODULE SIZE (in)	NOTES
S-1	PRICE SCD	LAY-IN SQUARE CONE	ALUMINUM	WHITE	CEILING GRID	10"		30	545	10" RND	20 X 20
R-1	PRICE PDR	PERFORATED RETURN	ALUMINUM	WHITE	CEILING GRID			29	625	10 X 10	12 X 12
R-2	PRICE PDR	PERFORATED RETURN	ALUMINUM	WHITE	CEILING GRID			25	750	10 X 22	10 X 22
R-3	PRICE PDR	PERFORATED RETURN	ALUMINUM	WHITE	CEILING GRID			26	2353	22 X 22	22 X 22

GAS FURNACE SCHEDULE							
MARK	MANUFACTURER & MODEL	AREA SERVED	CFM	ESP ("WC)	GAS TYPE	HTG CAPACITY (MBH)	NOTES
F-1 (EXIST)	LENNOX 48CX1A	NORTH EAST	1600	1	NG	48	
F-2 (EXIST)	COLEMAN CE60C3XC1A	SOUTH EAST	2000	1	NG	60	
F-3 (EXIST)	COLEMAN CE60C3XC1A	NORTH WEST	2000	1	NG	60	
F-3 (EXIST)	COLEMAN CE60C3XC1A	NORTH WEST	2000	1	NG	60	

NOTE: OUTPUT CAPACITY SHOWN AT 4439' ABOVE SEA LEVEL.

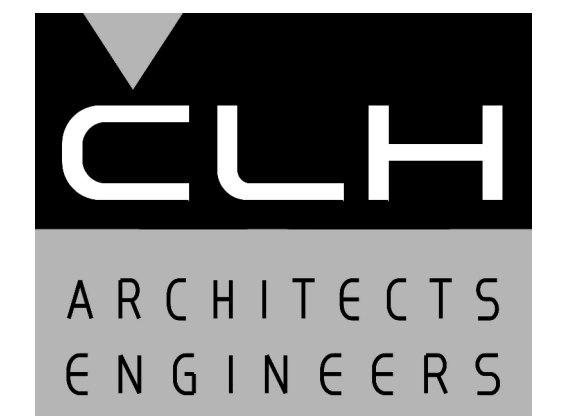
DUCT SEALING & INSULATION R-VALUE SCHEDULE				
DUCT TYPE	DUCT LOCATION			SMACNA SEAL CLASS
	EXTERIOR	UNCONDITIONED SPACE	CONDITIONED SPACE	
SUPPLY	R-12 / R-8	R-6	NONE	A
RETURN	R-12 / R-8	R-6	NONE	A
EXHAUST	NONE	NONE	NONE	A

NOTES: R-8 IS REQUIRED IN CLIMATE ZONES 1-4; R-12 IS REQUIRED IN CLIMATE ZONES 5-8.

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	LIQUID REFRIGERANT
	SUCTION REFRIGERANT
	MANUAL VOLUME CONTROL DAMPER
	EXHAUST AIR DUCT - UP / DOWN
	RETURN/OUTSIDE AIR DUCT - UP / DOWN
	SUPPLY AIR DUCT - UP / DOWN
	MITERED ELBOW W/ TURNING VANES
	FLEX DUCT (MAX. LENGTH 4 FT.)
	THERMOSTAT
	EQUIPMENT SYMBOL
	DETAIL SYMBOL
	SHEET KEYNOTE
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	AIRFLOW DIRECTION
	ABOVE FINISH FLOOR
	EXISTING
	NOT IN CONTRACT
	NORMALLY OPEN
	NORMALLY CLOSED
	TYPICAL

MECHANICAL GENERAL NOTES:

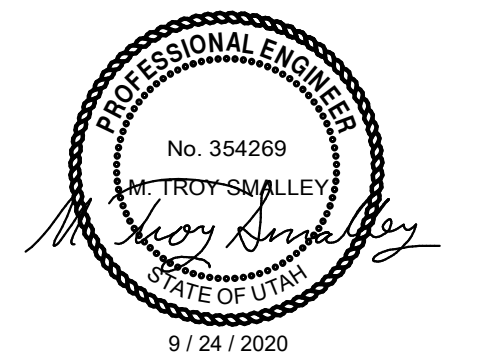
- ALL EQUIPMENT MANUFACTURERS SHOWN AS A BASIS OF DESIGN. NOT INTENDED TO SOLE SOURCE EQUIPMENT MANUFACTURER.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST STATE ADOPTED EDITION OF THE INTERNATIONAL MECHANICAL CODE AND SMACNA.
- MECHANICAL PLANS ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE THEIR WORK WITH OTHER TRADES, AND ACTUAL JOB SITE CONDITIONS. CONTRACTOR TO FIELD VERIFY QUANTITIES AND DIMENSIONS.
- CONTRACTOR TO PROVIDE ALL NECESSARY MATERIALS, DUCTWORK, HANGERS, FITTINGS, OFFSETS, INSULATION AND ACCESSORIES LOGICALLY REQUIRED FOR A COMPLETE FUNCTIONAL AIR DELIVERY SYSTEM.
- DUCT DIMENSIONS ON DRAWINGS ARE INSIDE DIMENSIONS. MINIMUM DUCTWORK GAUGE TO BE 26 GAUGE.
- CONTRACTOR SHALL COORDINATE ALL SUPPLY DIFFUSER PLACEMENTS.
- ALL SQUARE ELBOWS IN SUPPLY AND RETURN DUCTWORK SHALL HAVE SINGLE THICKNESS TURNING VANES.
- INSULATED FLEXIBLE DUCT NOT TO EXCEED 4 FEET IN LENGTH.
- CONNECTIONS TO SUPPLY DIFFUSERS TO BE MADE WITH A RIDGED CONNECTION SO THAT CLEAR AND UNOBSTRUCTED AIRFLOW IS ACHIEVED.
- MOUNT BOTTOM OF THERMOSTAT 48 INCHES ABOVE FINISHED FLOOR. RUN WIRING FROM THERMOSTAT LOCATION TO AIR HANDLER AND TERMINATE TO PROVIDE FOR A FULLY FUNCTIONAL SYSTEM. REFER TO THE CONTROL DRAWINGS FOR SPECIFICS.
- CONTRACTOR TO FURNISH FILTERS.
- MAIN SUPPLY DUCTS ARE TO REMAIN AS EXISTING. ALL EXISTING RUNOUTS ARE TO BE REMOVED, ALONG WITH OBD CAP SEAL.
- ALL PIPING THAT COMES IN CONTACT WITH A DISSIMILAR METAL TO BE PROTECTED AGAINST GALVANIC CORROSION.
- REMOTE CONCEALED CEILING CABLE CONTROL SYSTEM REQUIRED FOR ALL MANUAL VOLUME DAMPERS IN HARD LID CEILING APPLICATIONS.
- SEISMIC SUPPORTS ARE NOT REQUIRED FOR HVAC DUCTWORK IF DUCTS ARE SUSPENDED FROM HANGARS 12 INCH OR LESS IN LENGTH.
- REFER TO STRUCTURAL DETAILS FOR ALL EQUIPMENT AND DUCT PENETRATIONS THROUGH ROOF. IF DETAIL IS NOT PRESENT THEN CONTACT ENGINEER.
- ALL EXPOSED DUCTWORK TO HAVE ALL LABELS AND WRITING REMOVED FROM DUCT.
- AFTER AIR AND HYDRONIC SYSTEM BALANCING HAS BEEN COMPLETED, MARK ALL BALANCING DAMPER AND BALANCING VALVES TO PERMANENTLY INDICATE FINAL POSITION, IE AN ARROW OR DRAWING AN OUTLINE OF BALANCING HANDLE POSITION.



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	MTS

Permit Set

24 September 2020

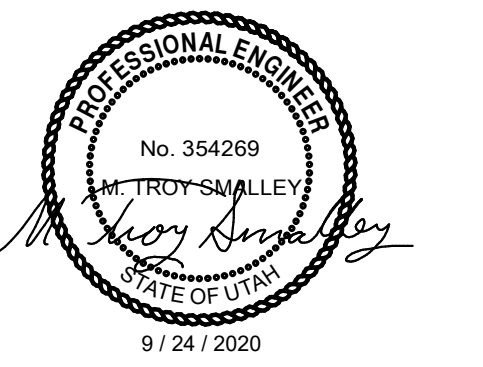
SHEET TITLE

MECHANICAL
SCHEDULES

SHEET NO:

M001

IF SHEET IS LESS THAN 24" x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	GM, JAC
CHK'D BY:	MTS

Permit Set

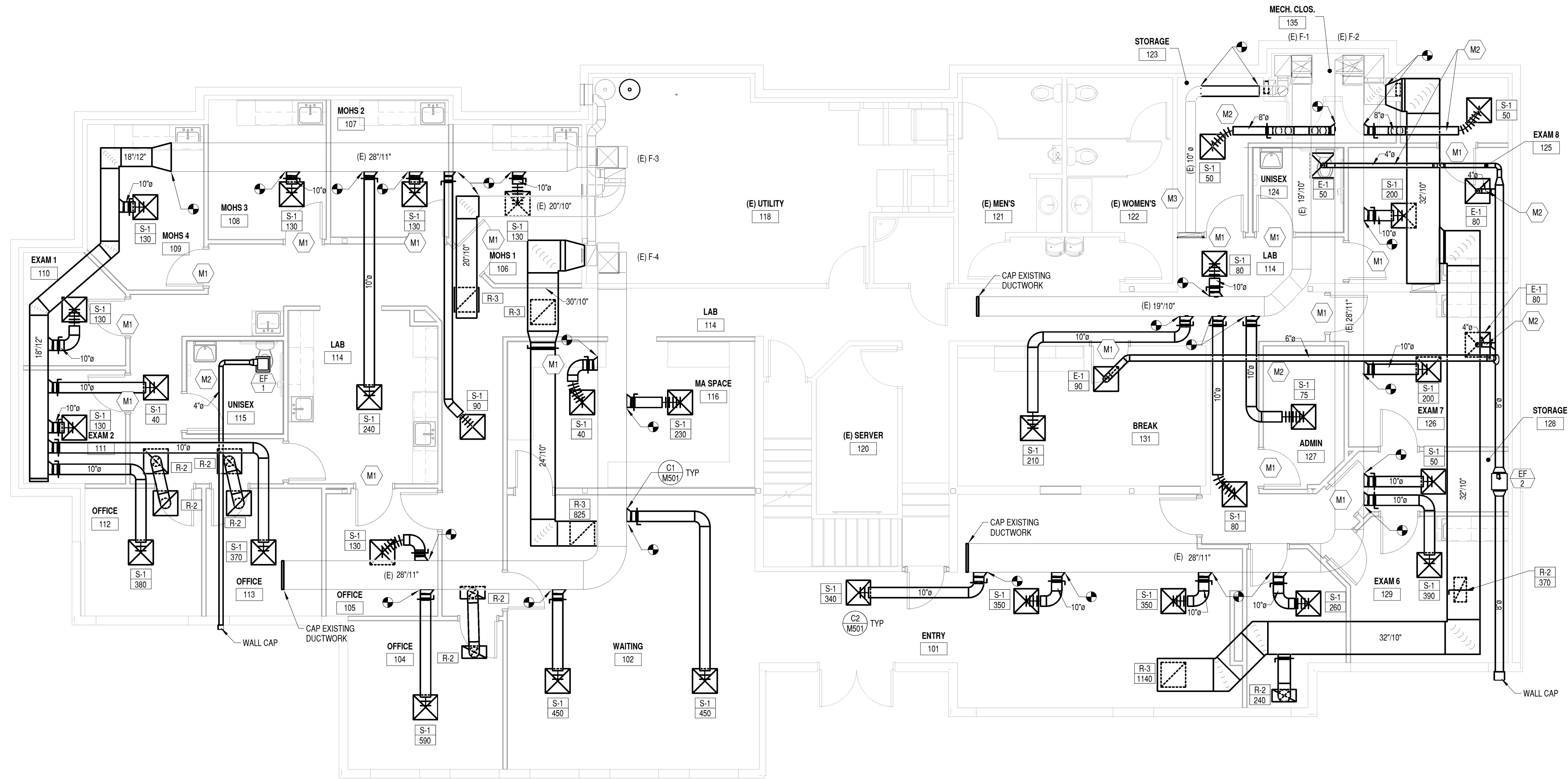
24 September 2020

SHEET TITLE

MECHANICAL PLAN

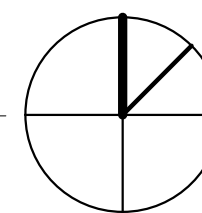
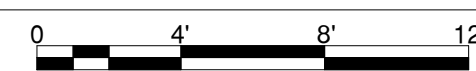
SHEET NO:

M101



B1 MECHANICAL PLAN

3/16" = 1'-0"



MECHANICAL KEYED NOTES

MARK	NOTE (not all notes appear on this sheet)
M1	UNDERCUT DOOR TO HAVE A ONE INCH GAP BETWEEN DOOR AND FINISHED FLOOR.
M2	ROUTE DUCT THRU OPEN WEB JOISTS, INSTALL DUCT AS HIGH AS POSSIBLE, DUCT SHALL NOT INFRINGE ON CEILING HEIGHT.
M3	CONTRACTOR TO REROUTE EXISTING 10" RETURN DUCT AS SHOWN. RECONNECT EXISTING GRILLE TO WALL NEXT TO DOOR AS SHOWN.

IF SHEET IS LESS THAN 24" x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

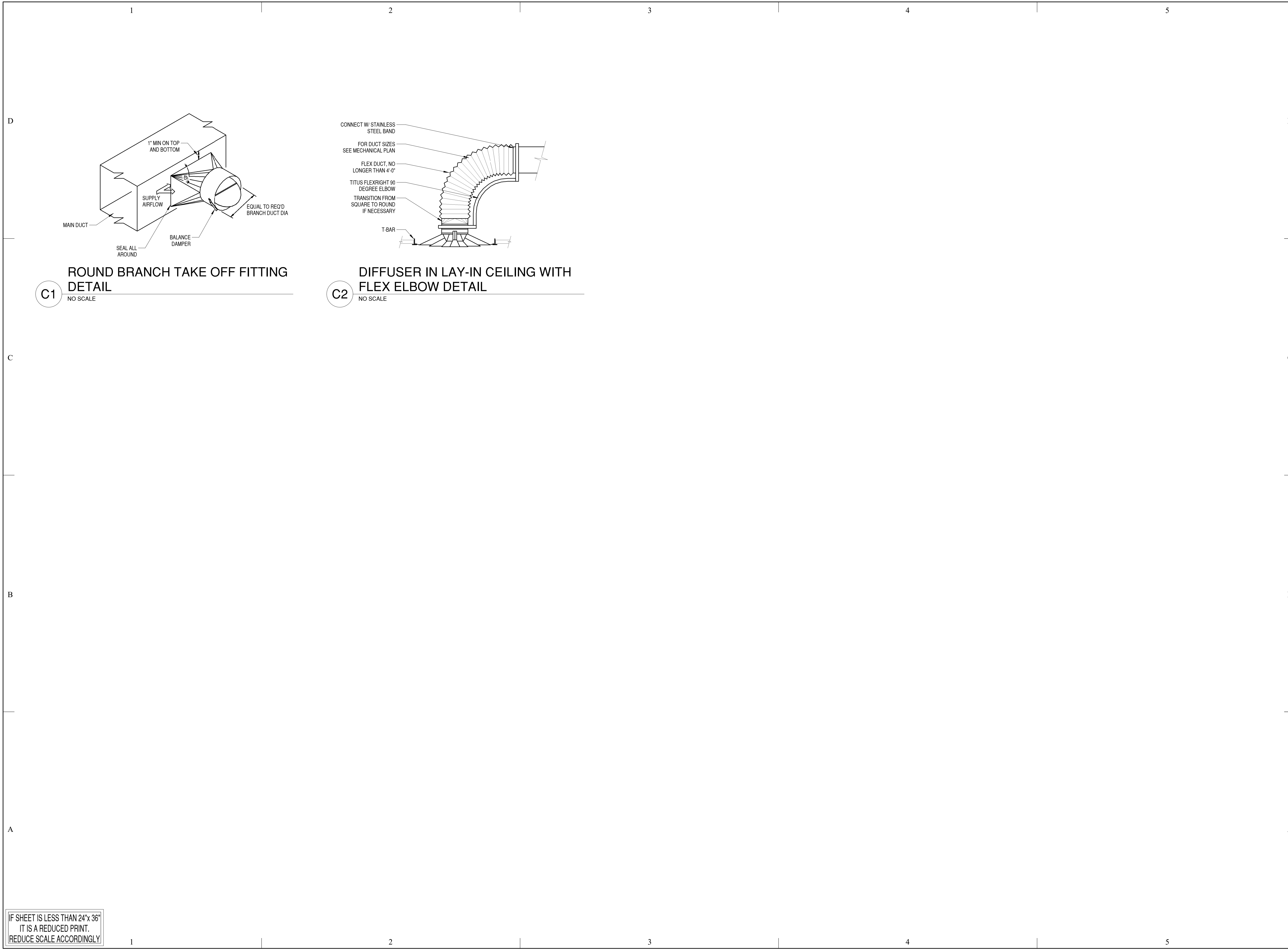
C:\Users\jamese\Documents\CLHAE\Documents\20330-2020_jamese@clhae.com.rvt

C

B

A

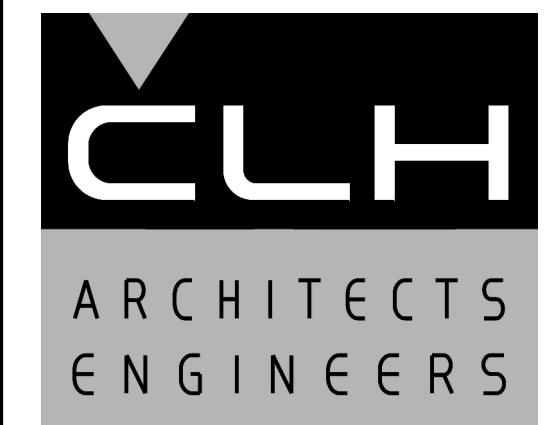
9/22/2020 7:33:19 AM



C1 ROUND BRANCH TAKE OFF FITTING
DETAIL
NO SCALE

C2 DIFFUSER IN LAY-IN CEILING WITH
FLEX ELBOW DETAIL
NO SCALE

IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP

ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

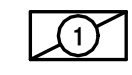

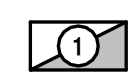
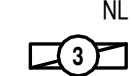

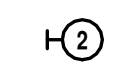


ISSUE DATE: 9/24/2020
PROJECT NO: 20330
CAD DWG FILE:
DRAWN BY: GM, JAC
CHK'D BY: MTS

Permit Set
24 September 2020

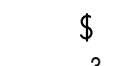
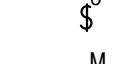
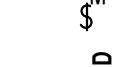
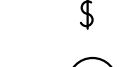
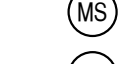
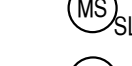
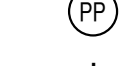
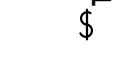

SHEET TITLE
**MECHANICAL
DETAILS**

SHEET NO:
M501

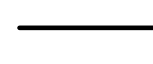
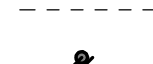


LIGHTING

-  FIXTURE - RECESSED, SURFACE OR PENDANT MOUNT. NUMBER INDICATES FIXTURE TYPE
-  FIXTURE - RECESSED OR SURFACE MOUNT WITH EMERGENCY BATTERY PACK. NUMBER INDICATES FIXTURE TYPE
-  NUMBER INDICATES FIXTURE TYPE. NL (NIGHT LIGHT) POWERED AT ALL TIMES
-  FIXTURE - CHAIN, RECESSED, SURFACE OR PENDANT HUNG. NUMBER INDICATES FIXTURE TYPE
-  SMALL LIGHT FIXTURE
-  WALL MOUNTED LIGHT FIXTURE. NUMBER INDICATES TYPE OF FIXTURE
-  EXIT LIGHT, TOP MOUNTED. DARKENED AREA REPRESENTS LETTERED FACE WITH EMERGENCY LIGHTS
-  EXIT LIGHT, TOP MOUNTED, ARROW INDICATES DIRECTION OF EGRESS, WITH EMERGENCY LIGHTS


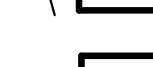




SWITCHES (+48" UNLESS NOTED)

-  SINGLE POLE SWITCH
-  THREE-WAY SWITCH
-  OCCUPANCY SENSOR WALL SWITCH
-  LED DIMMER / OCCUPANCY / DAYLIGHT SWITCH
-  MOTION SENSOR ANALOG
-  MOTION SENSOR SLAVE ANALOG
-  LIGHTING RELAY POWER PACK
-  DIGITAL TIMER SWITCH - 0-1 HR
-  DAYLIGHT HARVESTING SENSOR










CIRCUITING

-  WIRING CONCEALED IN CEILING, WALL OR FLOOR
-  WIRING EXISTING
-  CROSSLINES INDICATE NUMBER OF #12 CONDUCTORS. GROUND IS REPRESENTED BY CROSSLINE WITH DOT ON TOP. OTHER CONDUCTORS AND CONDUIT AS INDICATED.
-  BRANCH CIRCUIT HOMERUN TO PANELBOARD; NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS. LETTER AND NUMBER NOTATION IDENTIFIES PANEL AND CIRCUIT NUMBER(S).


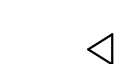



PANELBOARDS AND POWER EQUIPMENT

-  SURFACE MOUNTED PANELBOARD AND CABINET
-  SWITCHBOARD OR DISTRIBUTION PANELBOARD (AS NOTED)
-  SAFETY DISCONNECT SWITCH - UNFUSED
-  FUSED DISCONNECT
-  MOTOR OUTLET, HORSEPOWER AS INDICATED
-  REFERS TO MECHANICAL OR OWNERS EQUIPMENT ITEM SEE SCHEDULES

RECEPTACLES (+18" UNLESS NOTED)

-  SINGLE RECEPTACLE, NEMA 5-20R, GROUNDING TYPE
-  DUPLEX RECEPTACLE, NEMA 5-20R, GROUNDING TYPE
-  QUAD RECEPTACLE (DOUBLE DUPLEX), NEMA 5-20R, GROUNDING TYPE
-  DUPLEX RECEPTACLE, 5-20R, GROUNDING TYPE, RECESS MOUNTED IN THE FLOOR. FBS FLOOR BOX SYSTEMS C01 SFN AND STAINLESS STEEL FACEPLATE KIT - SEE DETAIL C1/EP501
-  SPECIAL PURPOSE OUTLET - 120 V., 1 PHASE, AT CEILING
-  SPECIAL PURPOSE OUTLET - 208 V., 1 PHASE - NUMBER INDICATES AMPERAGE. NO NUMBER INDICATES 20 AMPS
-  JUNCTION BOX
-  EQUIPMENT DROP - SEE DETAIL
-  HOT WATER TANK

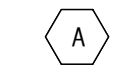
COMMUNICATIONS SYSTEMS

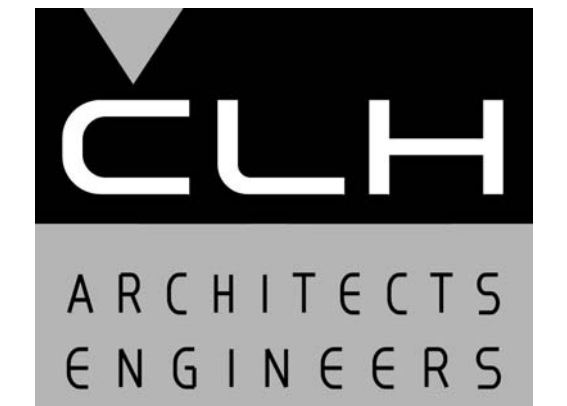
-  TELEPHONE OUTLET w/ 3/4" C. TO CABLE TRAY. PROVIDE 1 EA. CAT. 6, 4 PAIR CABLE ON SINGLE GANG PLATE w/MODULAR JACKS, 1-RJ45
-  DATA OUTLET w/ 3/4" C. TO CABLE TRAY. PROVIDE 1 EA. CAT. 6, 4 PAIR CABLES ON SINGLE GANG PLATE w/MODULAR JACKS, 1-RJ45
-  TELEPHONE / DATA OUTLET w/ 3/4" C. TO CABLE TRAY. PROVIDE 1 EA. CAT. 6 AND 1 EA. CAT 6 - 4 PAIR CABLE ON SINGLE GANG PLATE w/MODULAR JACKS, 2-RJ45.
-  TELEPHONE TERMINAL BACKBOARD
-  LOCAL AREA NETWORK

ONE-LINE DIAGRAM

-  DISCONNECT SWITCH

ABBREVIATIONS

-  KEYED NOTE CALLOUT - LETTERS & NUMBERS AS INDICATED
- A AMPERE
- AFF ABOVE FINISHED FLOOR
- AIC AMPERES INTERRUPTING CAPACITY
- APPROX APPROXIMATELY
- C CONDUIT
- CB CIRCUIT BREAKER
- CKT CIRCUIT
- CU COPPER
- (E) EXISTING
- FA FIRE ALARM
- FLR FLOOR
- GFI GROUND FAULT CIRCUIT-INTERRUPTER
- GND or GRD GROUND
- LED LIGHT EMITTING DIODE
- MAX MAXIMUM
- MIN MINIMUM
- (N) NEW
- NEC NATIONAL ELECTRICAL CODE
- NL NIGHT LIGHT ON UNSWITCHED CIRCUIT
- O.C. ON CENTER
- O.H. OVERHEAD
- RM ROOM
- TTB TELEPHONE TERMINAL BOARD
- TYP TYPICAL
- V VOLT
- W WATT
- w/ WITH
- +12" MOUNTING HEIGHT ABOVE FINISHED FLOOR OR GRADE



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	J.M.S.
CHK'D BY:	M.L.G.

Permit Set

24 September 2020

SHEET TITLE

ELECTRICAL LEGEND

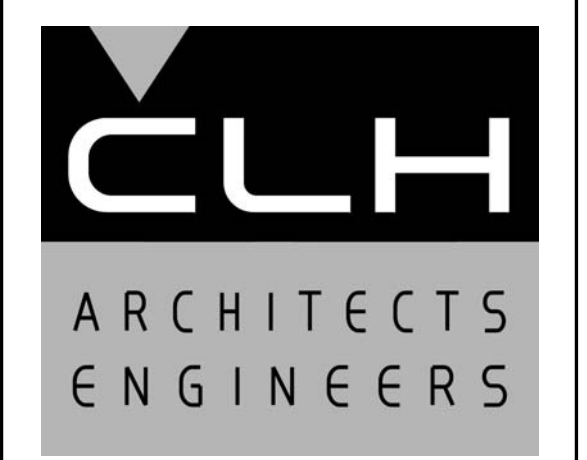
SHEET NO:

E001

IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

C:\Users\johns\OneDrive\Documents\E_20330-2020_johnsberg\440.rvt

ELECTRICAL LIGHTING KEYED NOTES	
MARK	NOTE
EL1	SEE DETAIL C3 / EPS01 FOR FAN WIRING DETAILS.



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	J.M.S.
CHK'D BY:	M.L.G.

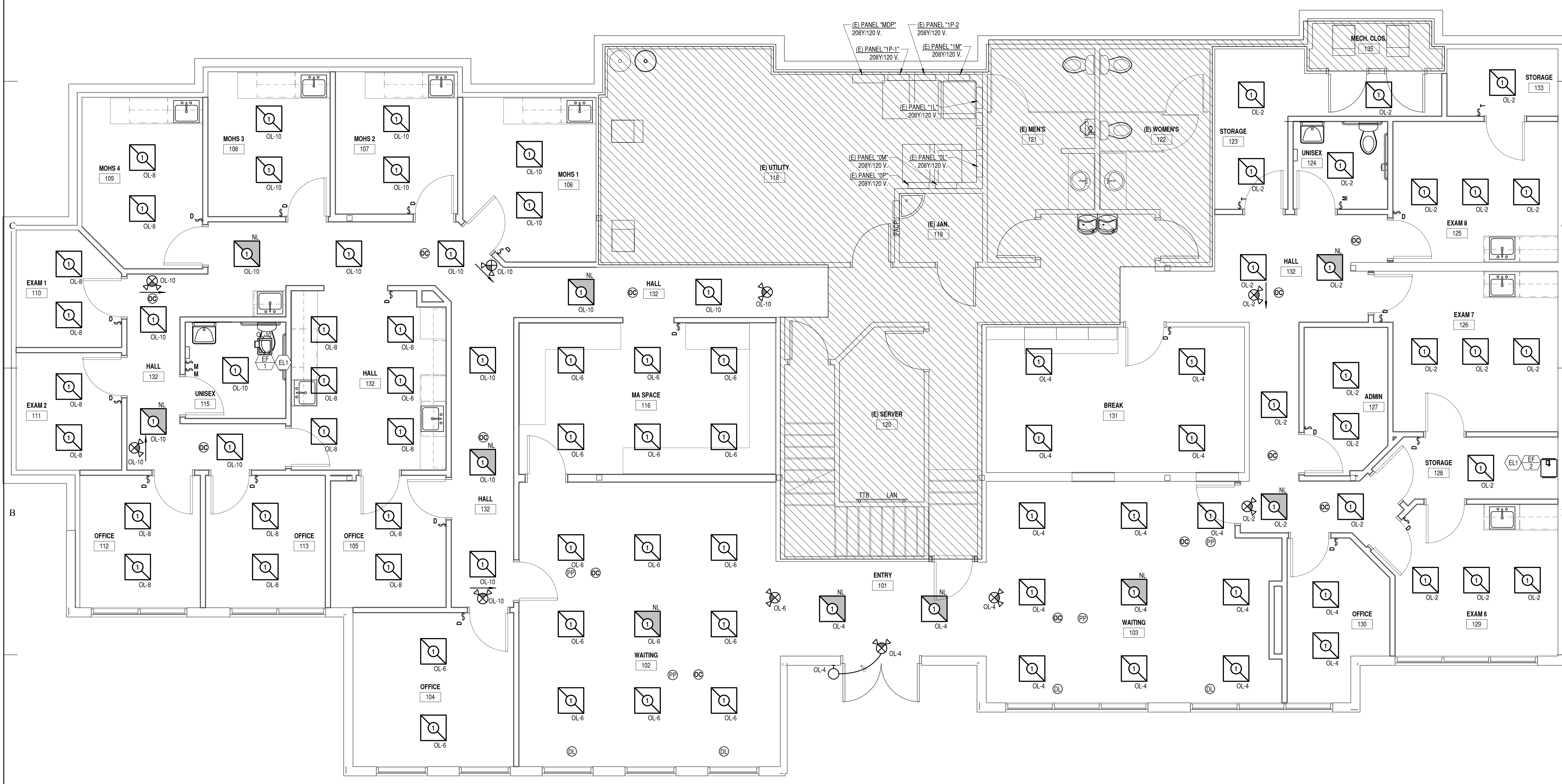
Permit Set
24 September 2020

SHEET TITLE

ELECTRICAL
LIGHTING PLAN

SHEET NO:

EL101



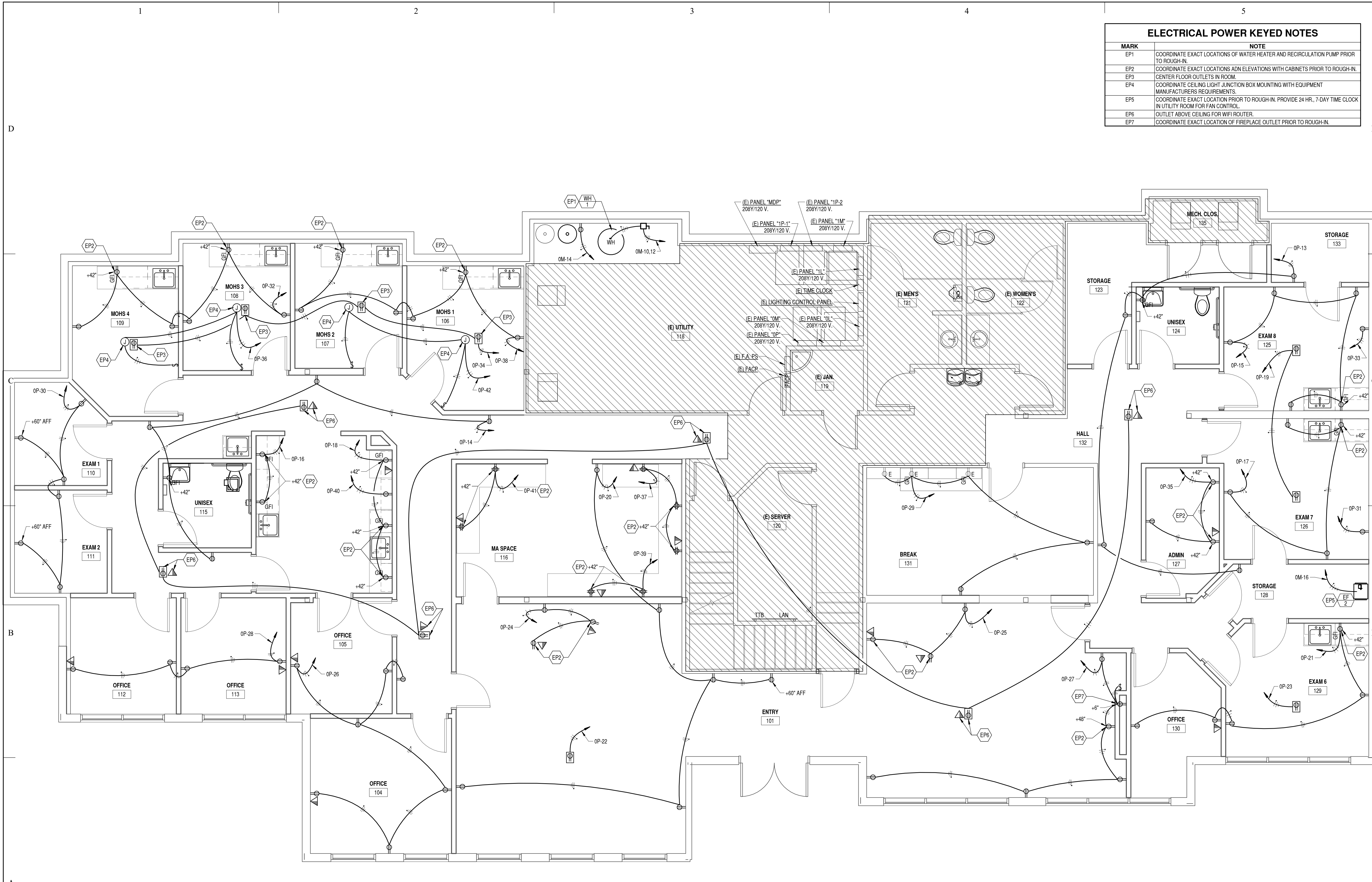
A2 ELECTRICAL LIGHTING PLAN
1/4" = 1'-0"

IF SHEET IS LESS THAN 24"x36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

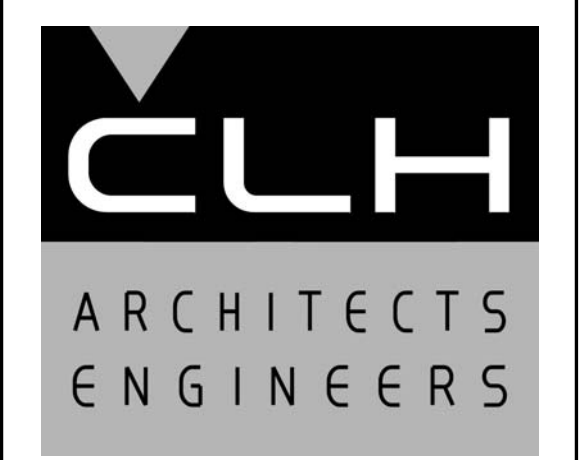
9/22/2020 9:35:24 AM

C:\Users\johns\OneDrive\Documents\E_20330-2020_johnsenberg\440.rvt

9/22/2020 9:35:35 AM



ELECTRICAL POWER KEYED NOTES	
MARK	NOTE
EP1	COORDINATE EXACT LOCATIONS OF WATER HEATER AND RECIRCULATION PUMP PRIOR TO ROUGH-IN.
EP2	COORDINATE EXACT LOCATIONS AND ELEVATIONS WITH CABINETS PRIOR TO ROUGH-IN.
EP3	CENTER FLOOR OUTLETS IN ROOM.
EP4	COORDINATE CEILING LIGHT JUNCTION BOX MOUNTING WITH EQUIPMENT MANUFACTURERS REQUIREMENTS.
EP5	COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN. PROVIDE 24 HR., 7-DAY TIME CLOCK IN UTILITY ROOM FOR FAN CONTROL.
EP6	OUTLET ABOVE CEILING FOR WIFI ROUTER.
EP7	COORDINATE EXACT LOCATION OF FIREPLACE OUTLET PRIOR TO ROUGH-IN.



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	J.M.S.
CHK'D BY:	M.L.G.

Permit Set
24 September 2020

SHEET TITLE

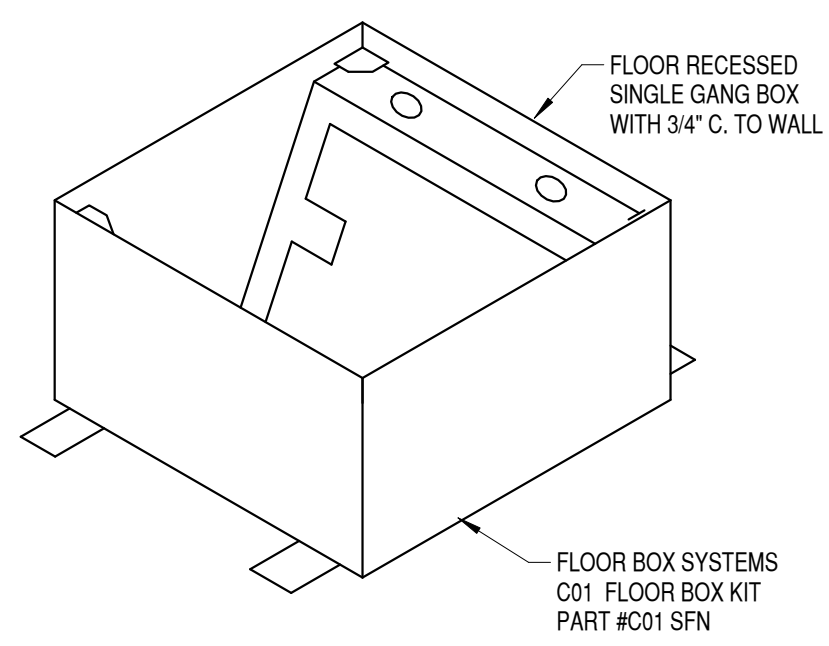
ELECTRICAL POWER PLAN

SHEET NO:

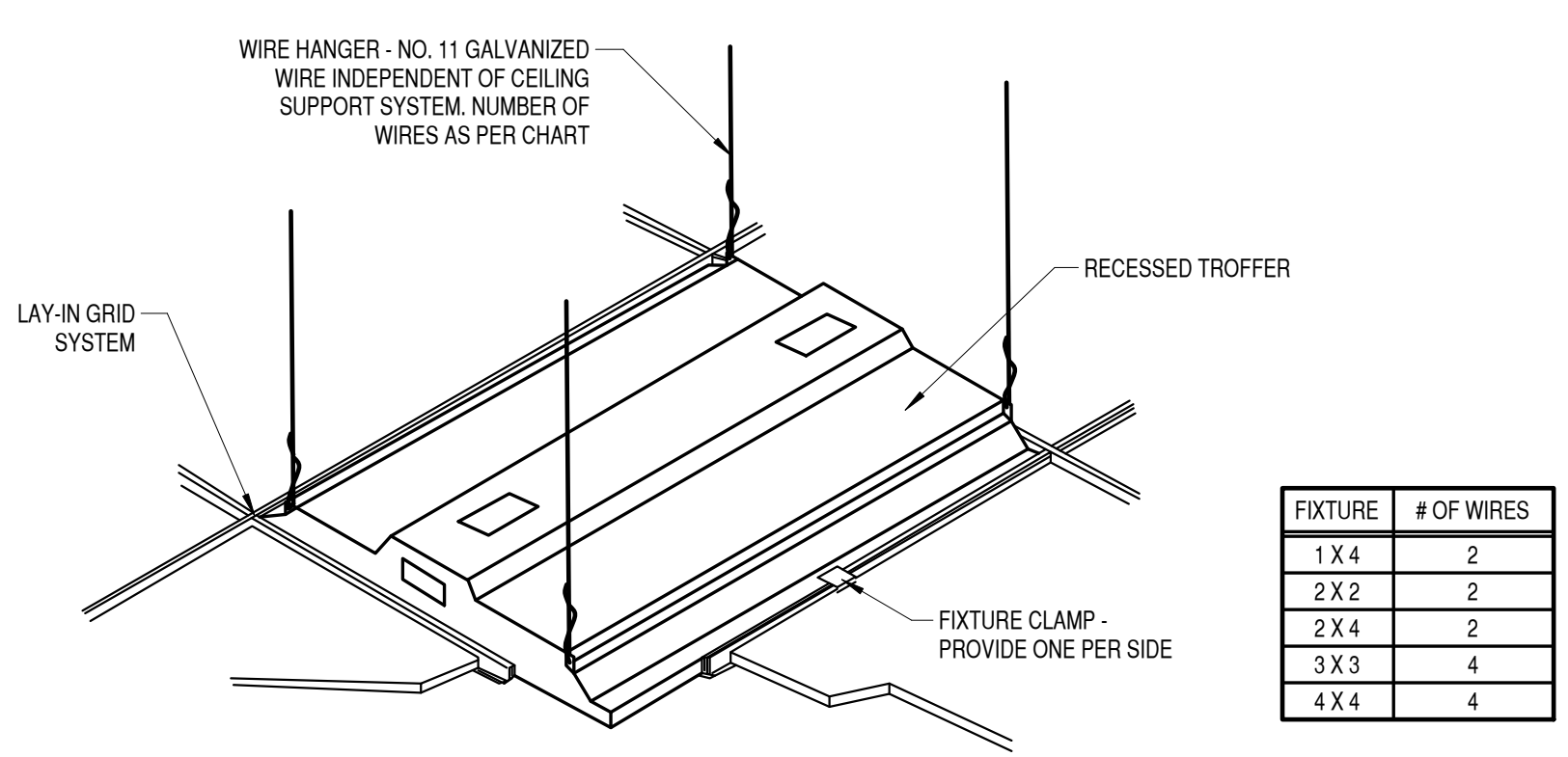
EP101

A2 ELECTRICAL POWER PLAN
1/4" = 1'-0"

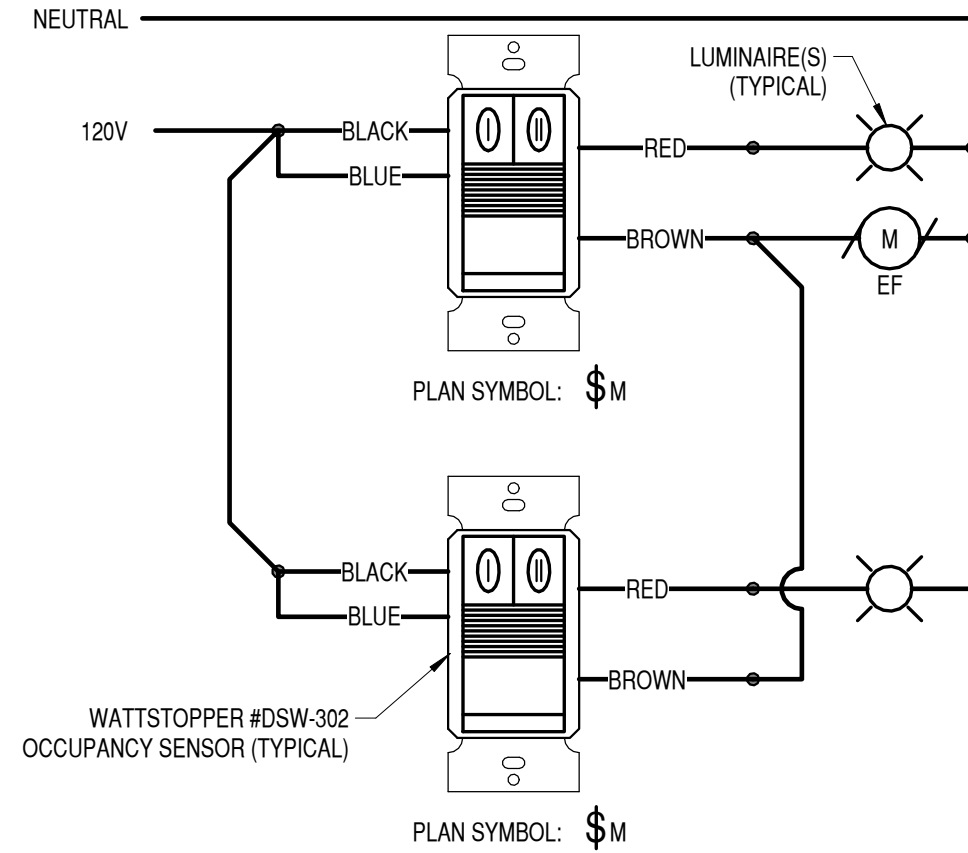
IF SHEET IS LESS THAN 24" x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



C1 FLOOR BOX DETAIL
NONE



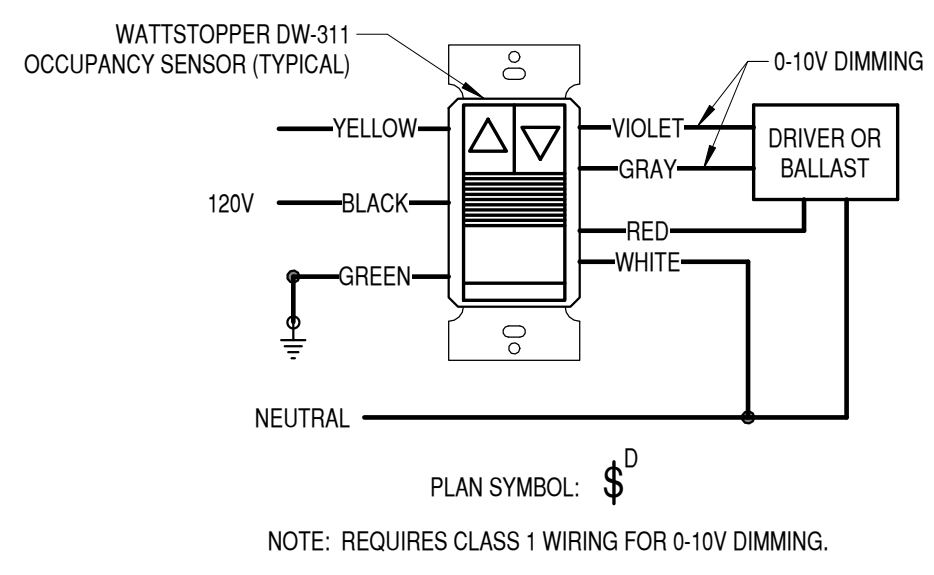
A1 TYPICAL RECESSED FIXTURE DETAIL
NONE



GENERAL NOTES APPLICABLE TO THIS DETAIL:

- CONTRACTOR SHALL SET DIP SWITCHES TO ACCOMPLISH THE FOLLOWING SEQUENCE OF OPERATION:
 - RELAY 1 (RED WIRE) OF EACH OCCUPANCY SENSOR SHALL BE SET AS MANUAL ON TO TURN LIGHTS IN THE RESTROOM ON AND SHALL TURN LIGHTS OFF AFTER 15 MINUTES OF NOT SENSING MOTION.
 - RELAY 2 (BROWN WIRE) OF EACH OCCUPANCY SENSOR SHALL BE SET AS AUTOMATIC ON TO TURN EXHAUST FAN ON UPON OCCUPANT ENTERING THE ROOM AND SHALL AUTOMATICALLY TURN EXHAUST FAN OFF AFTER 30 MINUTES OF NOT SENSING MOTION.
- ACTIVATION OF EITHER OCCUPANCY SENSOR SHALL ENERGIZE THE EXHAUST FAN. EXHAUST FAN SHALL ONLY TURN OFF WHEN BOTH OCCUPANCY SENSORS TIMEOUT AFTER 30 MINUTES OF NOT SENSING MOTION.
- EXHAUST FAN SHALL REMAIN RUNNING FOR 15 MINUTES AFTER THE OCCUPANCY SENSOR SWITCHES THE ROOM'S LIGHTING OFF.

C3 RESTROOM LIGHTING AND EXHAUST FAN CONTROL DETAIL
NONE



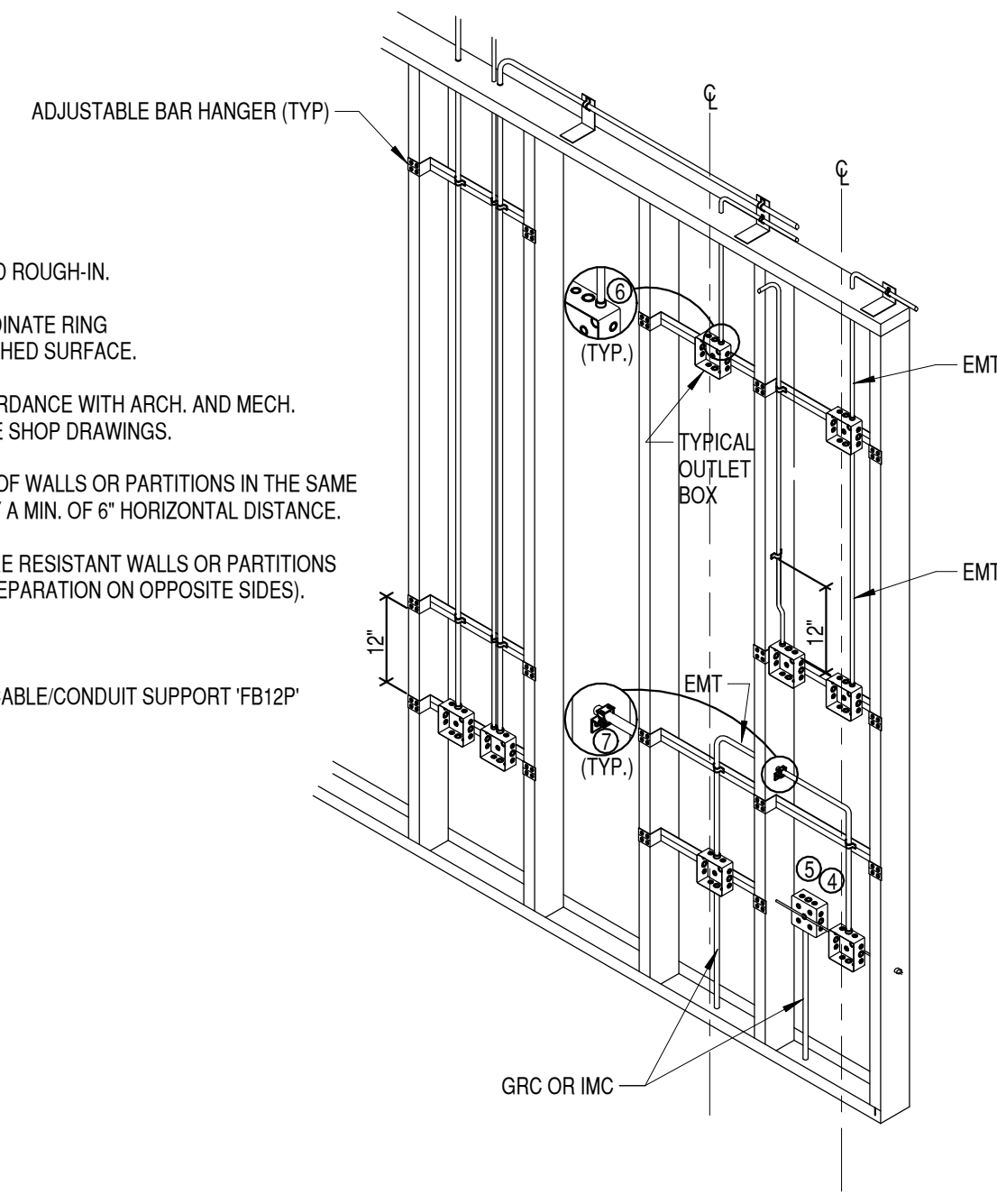
GENERAL NOTES APPLICABLE TO THIS DETAIL:

- CONTRACTOR SHALL SET DIP SWITCHES TO ACCOMPLISH THE FOLLOWING SEQUENCE OF OPERATION:
 - AUTO MODE
 - STANDARD TRIGGER MODE.

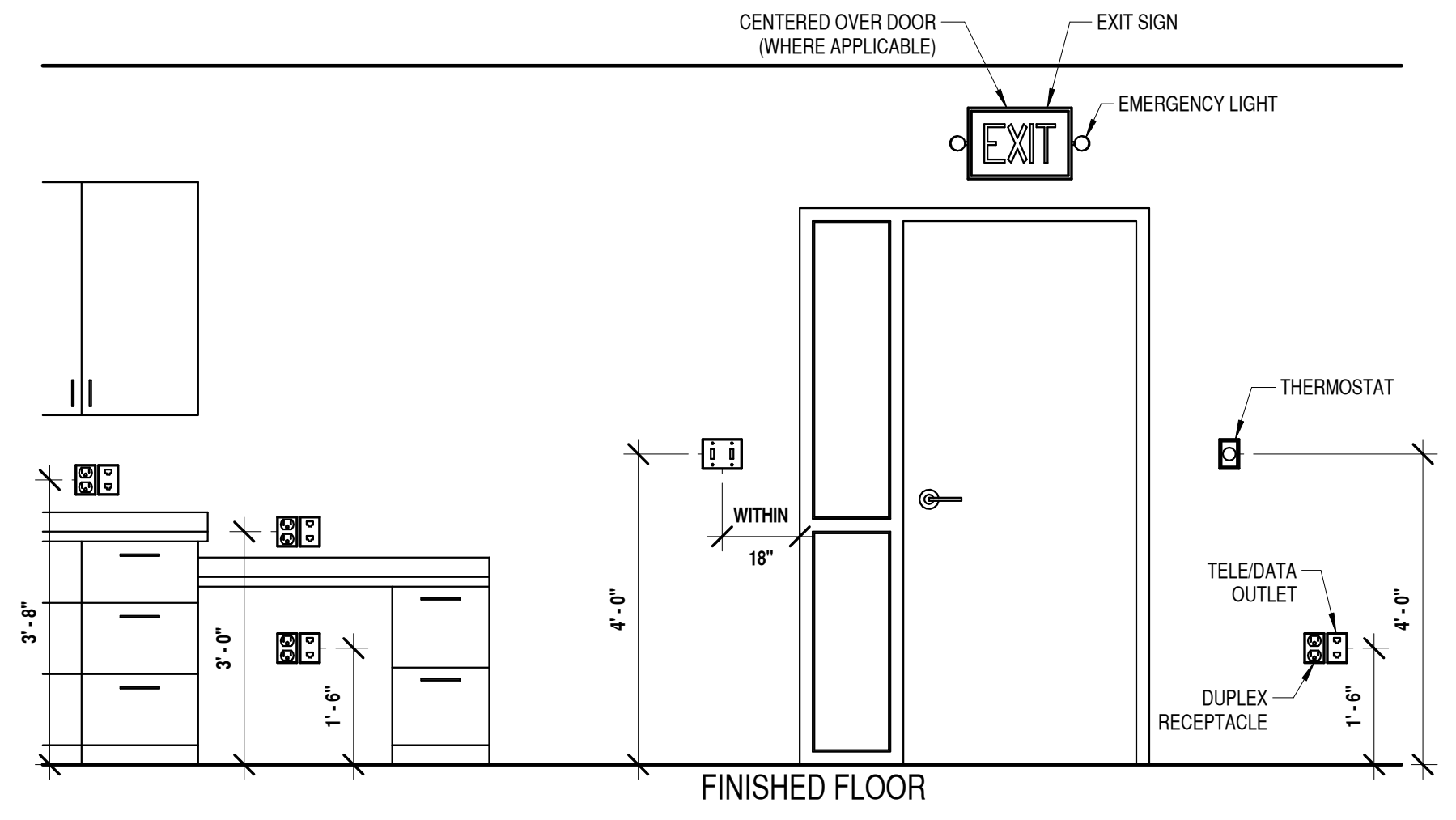
C4 DIMMING MOTION SENSOR SWITCH DETAIL
NONE

NOTES:

- TYPICAL FOR WOOD AND METAL STUD ROUGH-IN.
- PLASTER RINGS NOT SHOWN. COORDINATE RING DEPTH TO BE FLUSH WITH FINAL FINISHED SURFACE.
- LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCH. AND MECH. DRAWINGS AND WITH ALL APPLICABLE SHOP DRAWINGS.
- OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE MUST BE SEPARATED BY A MIN. OF 6" HORIZONTAL DISTANCE.
- ELECTRICAL BOXES INSTALLED IN FIRE RESISTANT WALLS OR PARTITIONS SHALL COMPLY WITH BC 711.3.2 (24" SEPARATION ON OPPOSITE SIDES).
- EMT CONNECTOR.
- CADDY FASTENER, THROUGH STUD CABLE/CONDUIT SUPPORT 'FB12P' OR EQUIVALENT.

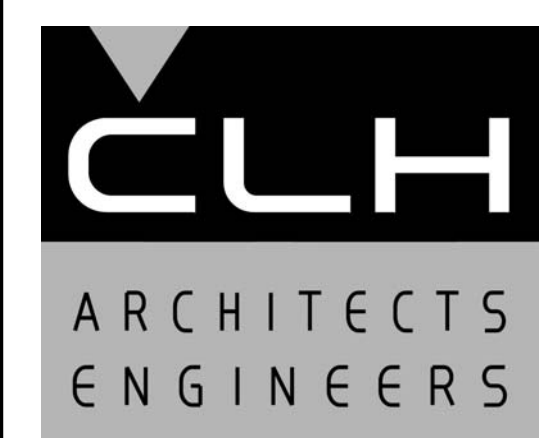


A3 TYPICAL ROUGH-IN DETAIL
NONE



A4 MOUNTING HEIGHT DETAIL
NONE

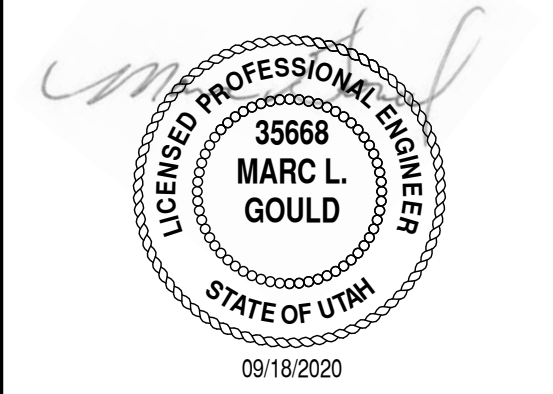
IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	J.M.S.
CHK'D BY:	M.L.G.

Permit Set
24 September 2020

SHEET TITLE

ELECTRICAL DETAILS

SHEET NO:

EP501

C:\Users\johns\Documents\E_20330-2020_johnsenberg\440.rvt

C

B

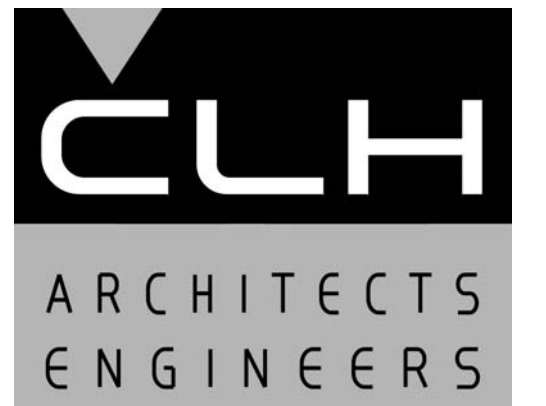
A

9/22/2020 9:35:56 AM

IF SHEET IS LESS THAN 24"x 36"
IT IS A REDUCED PRINT.
REDUCE SCALE ACCORDINGLY

LIGHT FIXTURE SCHEDULE																		
NO	DESCRIPTION	VOLTS	MTG.	LENS	FINISH	LAMPS			BALLAST/DRIVER				MANUFACTURER & CATALOG NUMBER (NO SUBSTITUTIONS WITHOUT PRIOR APPROVAL) COMMISSION ALL LIGHTING CONTROLS	NOTE	DETAILS			
						TYPE			TYPE		NO. PER LUMINAIRE	INPUT WATTS				S	E	0
						F	H	L										
T-1	2 X 2 LED LAY-IN	120	CEILING SUSPENDED	ACRYLIC	WHITE		*	1	LED 4000K	*	1	40	C-LITE C-TR-A-FP22N					
T-2	2' LINEAR	120/277	WALL	ACRYLIC	WHITE		E	1	LED 4000K	E	1	53	ARCHER HPW324 LED40 2U2D					
E-1	COMBO EXIT/EMERGENCY LIGHT	120/277	WALL OR CEILING SURFACE	GREEN LETTERS	WHITE		*	1	LED	*	1	1.4	LITHONIA ECC G M6					
E-2	COMBO EXIT/EMERGENCY LIGHT WITH...	120/277	WALL OR CEILING SURFACE	GREEN LETTERS	WHITE		*	1	LED	*	1	1.4	LITHONIA ECC G REM M6 LITHONIA ERE W SGL WP RD					

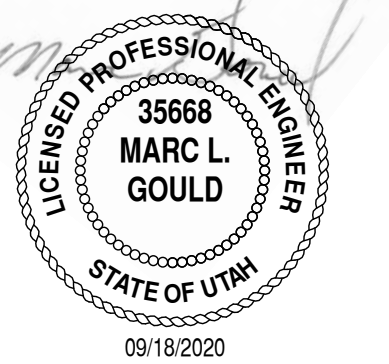
EQUIPMENT SCHEDULE															
CRKT.	EQUIP. NO.	DESCRIPTION	VOLTS	PHASE	WATTS HP	BRK	STARTER	CONTROL		PILOT		CONTACTS		CONTROL	REMARKS
							SIZE	H.O.A	P.B.	GRN	RED	N.O.	N.C.	TRANS.	
0L-10	EF-1	EXHAUST FAN	120	1	100 W	20	S								MOTION SENSOR SWITCH
0M-16	EF-2	EXHAUST FAN	120	1	528 W	20	S								PROVIDE ELECTRONIC 7 DAY PROGRAMMABLE TIME CLOCK FOR CONTROL
0M-10,1 2	WH-1	WATER HEATER	208	1	4500 W	30									30A NON-FUSED DISCONNECT
0M-14	P-1	DOMESTIC WATER CIRCULATION PUMP	120	1	25W	20									CORD AND PLUG CONNECTION



Case, Lowe & Hart, Inc. • 2484 Washington Blvd.
Suite 510 • Ogden, Utah • 84401
801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN
Dermatology

Tenant
Improvement

5748 South Adams Avenue
Washington Terrace, Utah

MARK	DATE	DESCRIPTION

ISSUE DATE:	9/24/2020
PROJECT NO:	20330
CAD DWG FILE:	
DRAWN BY:	J.M.S.
CHK'D BY:	M.L.G.

Permit Set
24 September 2020

SHEET TITLE

ELECTRICAL
SCHEDULES &
DIAGRAMS

SHEET NO:

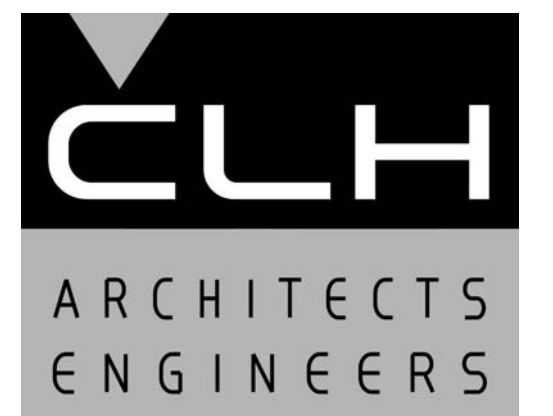
EP601

C:\Users\johns\CLHAE\Documents\E_20330-2020_johnsenberg\440.rvt

PANEL:	EXISTING OL	MAIN BREAKER	NONE	VOLTAGE:	208 Y/ 120	PHASE:	3	WIRE:	4	NEMA:	1							
MAINS:	225 AMPS	MOUNTING:	SURFACE	LOCATION	MECHANICAL ROOM	REMARKS:	EXISTING											
LOAD DESCRIPTION	WIRE	P	AMP	CKT	KVA			PHASE			KVA			LOAD DESCRIPTION				
					PWR	LTS	C.O.	A	B	C	C.O.	LTS	PWR		CKT	AMP	P	WIRE
HALLWAY LIGHTING	12	1	20	1				0.94				0.84	0.10	2	20	1	12	EAST EXAM ROOM & STORAGE LTS
RESTROOM LIGHTING	12	1	20	3				0.68				0.68		4	20	1	12	EAST WAITING RM & OFFICE LTS
LEASE SPACE LIGHTING	12	1	20	5				0.68				0.68		6	20	1	12	WEST WAITING RM & OFFICE LTS
SPARE	12	1	20	7				0.72				0.72		8	20	1	12	EXAM & LAB LTS
SPARE	12	1	20	9				0.86				0.76	0.10	10	20	1	12	MOHS & HALLWAY LTS
SPARE	12	1	20	11				0.00						12	20	1	12	SPARE
SPARE	12	1	20	13				0.00						14	20	1	12	SPARE
SPARE	12	1	20	15				0.00						16	20	1	12	SPARE
SPARE	12	1	20	17				0.00						18	20	1	12	SPARE
SPARE	12	1	20	19				0.00						20	20	1	12	SPARE
SPARE	12	1	20	21				0.00						22	20	1	12	SPARE
SPARE	12	1	20	23				0.00						24	20	1	12	SPARE
SPARE	12	1	20	25				0.00						26	20	1	12	SPARE
SPARE	12	1	20	27				0.00						28	20	1	12	SPARE
SPARE	12	1	20	29				0.00						30	20	1	12	SPARE
SPARE	12	1	20	31				0.00						32	20	1	12	SPARE
SPARE	12	1	20	33				0.00						34	20	1	12	SPARE
SPARE	12	1	20	35				0.00						36	20	1	12	SPARE
SPARE	12	1	20	37				0.00						38	20	1	12	SPARE
SPARE	12	1	20	39				0.00						40	20	1	12	SPARE
SPARE	12	1	20	41				0.00						42	20	1	12	SPARE
SUB-TOTAL (KVA)					0.00	0.00	0.00	1.66	1.54	0.68	0.00	3.68	0.20					
*PROVIDE GFCI BREAKER					TYPE OF LOAD			CONNECTED	DIVERSITY	DEMAND								
**PROVIDE UL LISTED FIRE ALARM BREAKER HANDLE					LIGHTING			3.68	100%	3.68								
					POWER			0.20	70%	0.20								
					C.O.			0.00	NEC 220.44	0.00								
PANEL LOADING					5%	TOTAL			3.88	KVA	3.88							
9/16/2020 8:58					TOTAL			11	AMPS	11								

PANEL:	EXISTING OM	MAIN BREAKER	NONE	VOLTAGE:	208 Y/ 120	PHASE:	3	WIRE:	4	NEMA:	1							
MAINS:	225 AMPS	MOUNTING:	SURFACE	LOCATION	MECHANICAL ROOM	REMARKS:	EXISTING											
LOAD DESCRIPTION	WIRE	P	AMP	CKT	KVA			PHASE			KVA			LOAD DESCRIPTION				
					PWR	LTS	C.O.	A	B	C	C.O.	LTS	PWR		CKT	AMP	P	WIRE
SPARE	12	1	20	1				0.00						2	20	1	12	SPARE
SPARE	12	1	20	3				0.00						4	20	1	12	SPARE
SPARE	12	1	20	5				0.00						6	30	2		SPARE
EX FURNACE	12	1	20	7				0.00						8				
SPARE	12	1	20	9				2.75				2.75		10	30	2		0 LEVEL WATER HEATER
SPARE	12	1	20	11				2.75				2.75		12				
SPARE	12	1	20	13				0.03				0.03		14	20	1	12	CIRCULATION PUMP
SPARE	12	1	20	15				0.45				0.45		16	20	1	12	FANS
SPARE	12	1	20	17				1.08				1.08		18	20	1	12	WIFI ROUTERS
SPARE	12	1	20	19				0.00						20	20	1	12	SPARE
SPARE	12	1	20	21				0.00						22	20	1	12	SPARE
SPARE	12	1	20	23				0.00						24	20	1	12	SPARE
SPARE	12	1	20	25				0.00						26	20	1	12	SPARE
SPARE	12	1	20	27				0.00						28	20	1	12	SPARE
SPARE	12	1	20	29				0.00						30	20	1	12	SPARE
SPARE	12	1	20	31				0.00						32	20	1	12	SPARE
SPARE	12	1	20	33				0.00						34	20	1	12	SPARE
SPARE	12	1	20	35				0.00						36	20	1	12	SPARE
SPARE	12	1	20	37				0.00						38	20	1	12	SPARE
SPARE	12	1	20	39				0.00						40	20	1	12	SPARE
SPARE	12	1	20	41				0.00						42	20	1	12	SPARE
SUB-TOTAL (KVA)					0.00	0.00	0.00	0.03	3.20	3.83	0.00	0.00	7.06					
*PROVIDE GFCI BREAKER					TYPE OF LOAD			CONNECTED	DIVERSITY	DEMAND								
**PROVIDE UL LISTED FIRE ALARM BREAKER HANDLE					LIGHTING			0.00	100%	0.00								
					POWER			7.06	70%	5.00								
					C.O.			0.00	NEC 220.44	0.00								
PANEL LOADING					6%	TOTAL			7.06	KVA	5.00							
9/22/2020 7:30					TOTAL			20	AMPS	14								

PANEL:	EXISTING OP	MAIN BREAKER	NONE	VOLTAGE:	208 Y/ 120	PHASE:	3	WIRE:	4	NEMA:	1								
MAINS:	225 AMPS	MOUNTING:	SURFACE	LOCATION	MECHANICAL ROOM	REMARKS:	EXISTING PANEL												
LOAD DESCRIPTION	WIRE	P	AMP	CKT	KVA			PHASE			KVA			LOAD DESCRIPTION					
					PWR	LTS	C.O.	A	B	C	C.O.	LTS	PWR		CKT	AMP	P	WIRE	
EXISTING	12	1	20	1				0.00						2	20	1	12	EXISTING	
EXISTING	12	1	20	3				0.00						4	20	1	12	EXISTING	
EXISTING	12	1	20	5				0.00						6	20	1	12	EXISTING	
EXISTING	12	1	20	7				0.00						8	20	1	12	SPARE	
EXISTING	12	1	20	9				0.00						10	20	1	12	SPARE	
SPARE	12	1	20	11						1.08	1.08			12	20	1	12	W WAITING/SAMPLE/ENTRY...	
EAST HALLWAY / STORAGE...	12	1	20	13				0.90	1.80			0.90		14	20	1	12	WEST HALLWAY OUTLETS	
EXAM 8 OUTLETS	12	1	20	15				0.90		1.26		0.36		16	20	1	12	LAB OUTLETS	
EXAM 7 OUTLETES	12	1	20	17				0.72			1.26	0.54		18	20	1	12	LAB OUTLETS	
EXAM 8 & 7 FLOOR OUTLETS	12	1	20	19				0.36	1.44			1.08		20	20	1	12	W WAITING/SAMPLE/ENTRY...	
OFFICE / EXAM 6 OUTLETS	12	1	20	21				0.72		0.90		0.18		22	20	1	12	W WAITING FLOOR OUTLET	
EXAM 6 FLOOR OUTLET	12	1	20	23				0.18			0.72	0.54		24	20	1	12	W WAITING COUNTER OUTLETS	
E WAITING COUNTER OUTLETS	12	1	20	25				0.54	1.80			1.26		26	20	1	12	EMIL'S OFFICE	
E WAITING OUTLETS	12	1	20	27				1.08	1.80			0.72		28	20	1	12	PA OFFICE	
BREAK ROOM OUTLETS	12	1	20	29				0.90			1.62	0.72		30	20	1	12	EXAM 1 & 2 OUTLETS	
EXAM 7 OUTLET	12	1	20	31				0.18	1.24			1.06		32	20	1	12	MOHS 3 & 4 WALL OUTLETS	
EXAM 8 OUTLETS	12	1	20	33				0.18		0.90		0.72		34	20	1	12	MOHS FLOOR OUTLETS	
ADMIN	12	1	20	35				0.54			0.90	0.36		36	20	1	12	MOHS 3 & 4 CEILING OUTLETS	
MA SPACE OUTLETS	12	1	20	37				0.36	1.42			1.06		38	20	1	12	MOHS 1 & 2 WALL OUTLETS	
MA SPACE OUTLERS	12	1	20	39				0.36		0.54		0.18		40	20	1	12	LAB OUTLETS	
MA SPACE OUTLETS	12	1	20	41				0.36			0.72	0.36		42	20	1	12	MOHS 1 & 2 CEILING OUTLETS	
SUB-TOTAL (KVA)					0.00	0.00	0.00	8.28	7.70	5.40	6.30	11.12	0.00	0.00					
*PROVIDE GFCI BREAKER					TYPE OF LOAD			CONNECTED	DIVERSITY	DEMAND									
**PROVIDE UL LISTED FIRE ALARM BREAKER HANDLE					LIGHTING			0.00	100%	0.00									
					POWER			0.00	70%	0.00									
					C.O.			19.40	NEC 220.44	14.70									
PANEL LOADING					18%	TOTAL			19.40	KVA	14.70								
9/16/2020 8:58					TOTAL			54	AMPS	41									



Case, Lowe & Hart, Inc. • 2484 Washington Blvd. Suite 510 • Ogden, Utah • 84401 801.399.5821 • www.clhae.com

CONSULTANT

STAMP



ROCKY MOUNTAIN Dermatology

Tenant Improvement

5748 South Adams Avenue Washington Terrace, Utah

MARK DATE DESCRIPTION

ISSUE DATE: 9/24/2020 PROJECT NO: 20330 CAD DWG FILE: DRAWN BY: J.M.S. CHK'D BY: M.L.G.

Permit Set

24 September 2020

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NO:

EP701

IF SHEET IS LESS THAN 24" x 36" IT IS A REDUCED PRINT. REDUCE SCALE ACCORDINGLY

9/22/2020 9:36:07 AM