# JORDAN HEALTH - PHARMACY RELOCATION



# ISSUED FOR: CONSTRUCTION DOCUMENTS

1/25/2022

82 HOLLAND STREET, SUITE #100 ROCHESTER, NY 14605

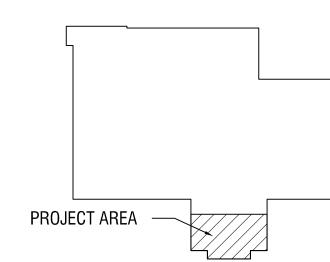
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION

**BID DOCUMENTS** 

EXP: EXP\_DATE1 EXP: EXP\_DATE2

CERTIFICATE OF AUTHORIZATION NUMBER: CERTIFICATE OF AUTHORIZATION NUMBER: PROFESSIONAL ENGINEERING: 018281 LAND SURVEYING: 017976 GEOLOGICAL: 018750

**KEYPLAN:** 





#### **CONSULTANT**

AJ Jarosz Associate **IBC Engineering, P.C.** Rochester | Buffalo P: 585.341.3170 ibceng.com



300 State Street, Suite 201 Rochester, NY 14614 585-454-6110 labellapc.com

## CLIENT

JORDAN HEALTH Nathaniel Sheppard Ed.D., MBA - Facilities Manager

#### ARCHITECT

LABELLA ASSOCIATES, P.C. 300 STATE STREET ROCHESTER, NY 14614 CONTACTS TODD MARTIN. AIA TMARTIN@LABELLAPC.COM 585.770.2588 JEFF HOLLENBECK JHOLLENBECK@LABELLAPC.COM 585.770.2586

## GENERAL NOTES

\* THE ARCHITECT'S CERTIFICATION ON THIS PROJECT IS ONLY FOR THE CONSTRUCTION WORK SHOWN TO BE DONE. IT DOES NOT CONSTITUTE APPROVAL OF ANY PREEXISTING CONDITIONS OR REVIEW OF THOSE CONDITIONS FOR CODE

\* REFER TO OUTLINE SPECIFICATIONS OR PROJECT MANUAL FOR SPECIFICATIONS AND ADDITIONAL INFORMATION.

- \* CONSTRUCTION SHALL CONFORM TO CURRENT EDITIONS OF THE:
   2020 BUILDING CODE OF NEW YORK STATE
- 2020 EXISTING BUILDING CODE OF NEW YORK STATE
- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK NATIONAL ELECTRICAL CODE 2017 (NEC)
- 2020 PLUMBING CODE OF NEW YORK STATE 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 FUEL GAS CODE OF NEW YORK STATE
- 2020 FIRE CODE OF NEW YORK STATE NFPA 101 LIFE SAFETY CODE 2012
- NFPA 99 STANDARD FOR HEALTHCARE FACILITIES 2015 NEW YORK STATE HEALTH CODE (10NYCRR)
- GUIDELINES FOR DESIGN AND CONSTRUCTION OF HOSPITAL, OUTPATIENT & HEALTHCARE FACILITIES 2018 EDITION
- (NYS DOH) AND 2001 EDITION (JCAHO)
- 2010 AMERICANS WITH DISABILITIES ACT (ADA) ADA ACCESSIBILITY GUIDELINES (ADAAG, 2004)
- STANDARDS FOR ACCESSIBLE DESIGN (28 CFR PART 35 & 36, 1994)
- AMERICAN NATIONAL STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (ICC A117.1-2009) ARCHITECTURAL BARRIERS ACT
- THE FACILITY GUIDELINES INSTITUTE (FGI) 2018
- AS WELL AS ALL OTHER CURRENT LOCAL, STATE AND FEDERAL CODES AND REGULATIONS APPLICABLE TO THIS
- \* COMPLY WITH ALL OTHER CURRENT AND IN-FORCE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS APPLICABLE TO THIS PROJECT.
- \* GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS, CONSTRUCTION METHODS AND CRAFTSMANSHIP.

- \* GENERAL CONTRACTOR TO VERIFY ALL REQUIREMENTS, NOTES AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
- \* GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES TO THESE DOCUMENTS. SITE VISITS MIGHT NOT BE MADE BY THIS ARCHITECT TO VERIFY CONFORMANCE.

\* DUE TO REPRODUCTION QUALITY AND REVISIONS MADE DURING THE DEVELOPMENT OF THESE PLANS THEY MAY NOT REFLECT THE DIMENSIONS NOTED.DO NOT SCALE THE DRAWINGS.

- \* THE QUALITY OF CONSTRUCTION IS TO MATCH SURROUNDING AREAS UNLESS OTHERWISE SPECIFIED OR NOTED.
- \* ALL MATERIALS ARE TO MATCH EXISTING UNLESS NOTED OTHERWISE. WHEN IN QUESTION, THE CONTRACTOR SHALL CONSULT THE OWNER TO DETERMINE WHAT THE BUILDING'S "STANDARD" IS.

\* IN THE EVENT OF A MATERIAL CONFLICT SPECIFICATIONS SHALL TAKE PRECEDENT OVER DRAWINGS. IN EVENT OF A DIMENSIONAL CONFLICT DRAWINGS TAKE PRECEDENT OVER SPECIFICATIONS.

- \* TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS ARE IN CONFORMANCE WITH THE 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
- \* NO PART OF THESE DOCUMENTS MAY BE REPRODUCED WITHOUT WRITTEN PERMISSION FROM LABELLA ASSOCIATES D.P.C.

\* THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THESE DRAWINGS: "IT IS A VIOLATION OF THIS LAW FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECT SUPERVISION OF A LICENSED ARCHITECT TO ALTER AN ITEM IN ANY WAY". IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX HIS SEAL AND NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND DATE OF SUCH ALTERATION AND SPECIFIC DESCRIPTION OF THE ALTERATION.

#### DRAWING LIST

#### GENERAL

\* - COVER SHEET LSC100 - PARTIAL 1ST FLOOR LIFE SAFETY PLAN & CODE DATA

ARCHITECTURAL

 PARTIAL 1ST FLOOR DEMOLITION & FLOOR PLANS A100 PARTIAL 1ST FLOOR EQUIPMENT PLAN - PARTIAL 1ST FLOOR REFLECTED CEILING PLAN & DETAILS DOOR SCHEDULE, EXTERIOR WINDOWS & DETAILS - PARTITION TYPES & UL PENETRATION ASSEMBLIES

SYMBOLS & ABBREVIATIONS

A500 INTERIOR ELEVATIONS A600 MILLWORK DETAILS

PARTIAL 1ST FLOOR FINISH PLAN & DETAILS

#### PLUMBING P1.0 - PARTIAL FIRST FLOOR PLAN - PLUMBING

HVAC GENERAL NOTES, LEGENDS & SCHEDULES PARTIAL FIRST FLOOR PLAN - HVAC HVAC DETAILS & CONTROLS

ELECTRICAL

MECHANICAL

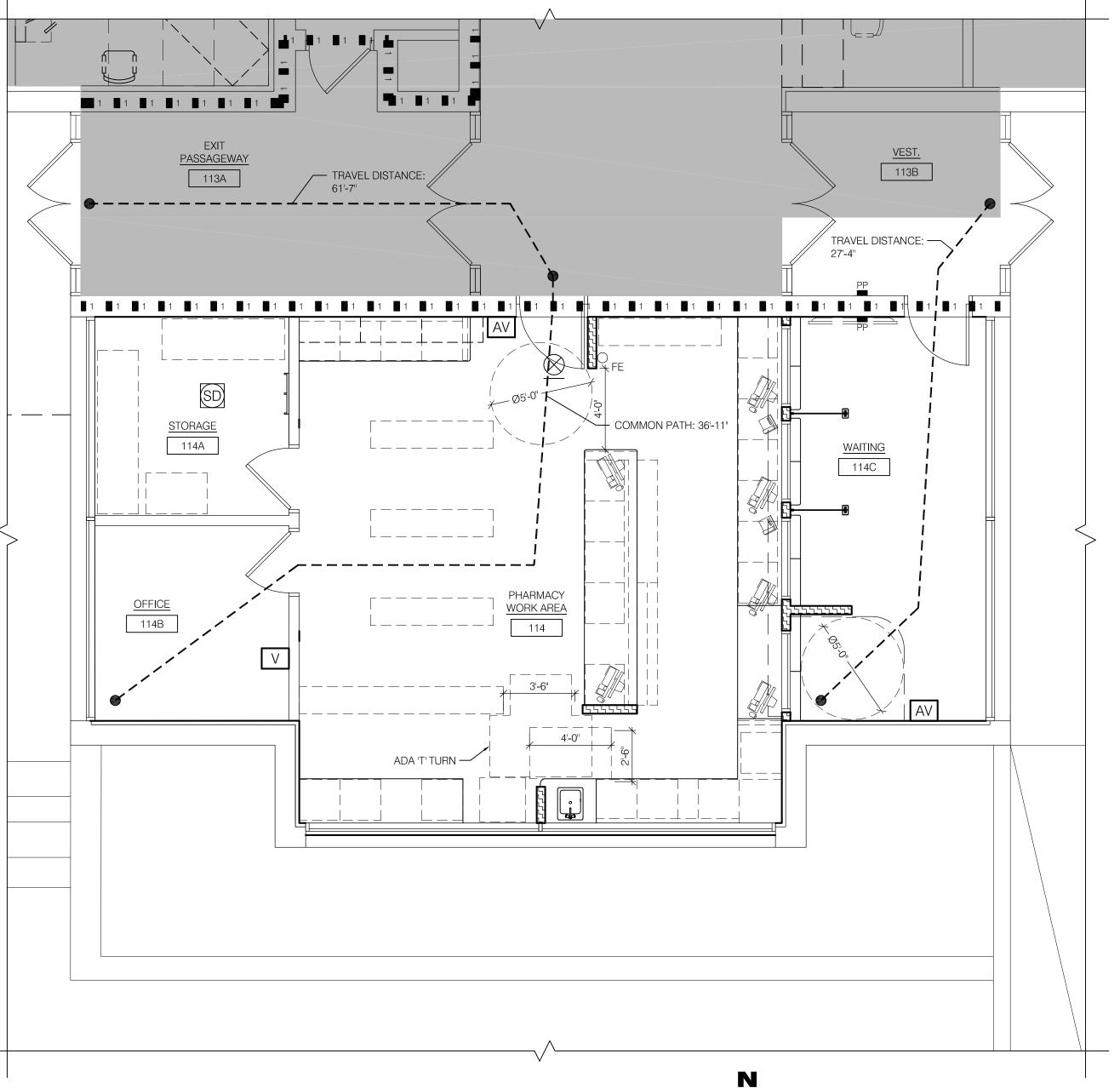
ABBREVIATIONS, LEGEND & GENERAL NOTES - ELECTRICAL PARTIAL FIRST FLOOR PLAN - ELECTRICAL DEMOLITION PARTIAL FIRST FLOOR PLAN - ELECTRICAL ONE LINE RISER DIAGRAMS - ELECTRICAL

SCHEDULE - ELECTRICAL DETAILS & DIAGRAMS - ELECTRICAL

#### SCOPE OF WORK

This project involves renovations to an existing 980 sf office suite into a new retail pharmacy which includes waiting, pharmacy work area and office space. Renovation consists of demolition, new partitions, doors, ceilings, millwork, interior finish upgrades, exterior window replacement & MEPFP upgrades.





PARTIAL 1ST FLOOR CODE PLAN

G	ENERAL NOTES:		
1)	THE INTENT OF THIS PLAN IS TO PORTRAY COMPLIANCE ACHIEVED AFTER CONSTRUCTION IS COMPLETED IN PROJECT	OWNER STENCILING REQUI	REMENTS
	SCOPE AREAS. DESIGNATIONS IN AREAS OUTSIDE OF SCOPE ARE FOR REFERENCE ONLY.	DESCRIPTION	STENCIL WORDING
2)	CONTRACTOR TO VERIFY ALL FIELD CONDITIONS PRIOR TO STARTING WORK. REPORT ANY DISCREPANCIES OR PROBLEMS	FIRE WALLS	FW-2HR FW-3HR
	TO THE ARCHITECT, IN WRITING, BEFORE BEGINNING DEMOLITION OR CONSTRUCTION	FIRE BARRIERS (EXIT ENCLOSURE HORIZONTAL EXIT INCIDENTAL	FB-1HR FB-2HR
3)	CONTRACTOR IS RESPONSIBLE FOR ALL WORK AND MATERIALS	USE/HAZARD OCCUPANCY SEPARATION)	
	NECESSARY TO CONSTRUCT OR UPGRADE WALLS TO COMPLY W/ THE REQUIREMENTS SHOWN IN THIS CODE COMPLIANCE DRAWING. WORK SHALL INCLUDE, BUT NOT BE LIMITED TO: PENETRATIONS,	SHAFT ENCLOSURES (FIRE BARRIER AT ELEVATOR, STAIR OR MECH. SHAFT)	SE-1HR SE-2HR
4)	PERIMETER JOINTS, AND TOP OF WALL CONDITIONS.	FIRE PARTITION (ELEV. LOBBY, CORRIDOR WALL, TENANT SEPARATION)	FP-1HR
4)	REFER TO BUILDING DATA SHEET FOR ADDITIONAL BUILDING CODE INFORMATION	SMOKE BARRIERS (1 HOUR RATED AT OTHER OCCUPANCIES)	SB-1HR
5)	REFER TO UL DESIGNS IN FIRE RESISTANCE RATING ON BUILDING DATA SHEET FOR SPRAYED FIREPROOFING REQUIREMENTS OF ALL NEW CONSTRUCTION AND AS INDICATED AT EXISTING BUILDING COMPONENTS.	FIRE BARRIER/SMOKE BARRIERS (SMOKE BARRIER COINCIDING W/ FIRE BARRIER - INCIDENTAL USE, EXIT ENCLOSURE, ETC.)	FBSB-1HR FBSB-2HR
6)	CAULKING AT ALL PENETRATIONS AS REQUIRED TO MATCH CONSTRUCTION/PARTITION TYPE; CONTRACTOR SHALL REVIEW ENTIRE WORK AREA AND IDENTIFY ANY PRE-EXISTING DEFICIENT CONDITIONS, SUCH AS UNSEALED PENETRATIONS, SUBSTANDARD	SHAFT ENCLOSURE/SMOKE BARRIERS (SMOKE BARRIER COINCIDING W/ SHAFT ENCLOSURE)	SESB-1HR SESB-2HR
	INSTALLATIONS, ETC. AND REPAIR AS REQUIRED.	FIRE WALL/SMOKE BARRIERS (SMOKE BARRIER COINCIDING W/ FIRE WALL)	FWSB-1HR FWSB-2HR
7)	VERIFY EXISTING FIRE EXTINGUISHER LOCATIONS. RELOCATE AND REINSTALL AS REQ'D TO COMPLY WITH OWNER STANDARDS (PROVIDE (1) 10 LB. ABC FIRE EXTINGUISHER PER 6000 SF AREA. MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER IS 75').	SMOKE PARTITIONS (SP) (UNRATED SMOKE RESISTANT CONSTRUCTION - CORRIDOR)	SP-0HR
	TRAVEL DISTANCE TO EXTINGUISHEN IS 73).	HORIZONTAL ASSEMBLIES (HA)	HA-1HR
8)	APPLY STENCILED LETTERING INDICATING PARTITION RATING OR TYPE PER OWNER STANDARDS (RED IN COLOR, 4" TALL	(RATED ENGINEERED CEILINGS)	HA-2HR
	LETTERING, ABOVE THE CEILING SPACED EVERY 10'-0"). PENETRATIONS BY ALL TRADES IN RATED OR SMOKE RESISTANT PARTITIONS ARE TO BE SEALED OR FIRE STOPPED WITH APPROVED ASSEMBLIES:	NON-RATED WALLS	NR

# **CODE REVIEW INFORMATION**

2020 BUILDING CODE OF NEW YORK STATE & NFPA 101 LIFE SAFETY CODE 2012

BUILDI	NG D	ATA					
		NYS R	EQ'D.	NFPA 10	1 REQ'D.	PROV	/IDED
USE DESCRIPTION		PHAR	MACY	PHAR	MACY		$\overline{}$
SPECIAL REQUIREMENTS NYS CH	HAPTER 4	N/	/A		<	N/	/A
OCCUPANCY (PROJECT AREA)  NYS CI	HAPTER 3 FPA 6.1.1	BUSII		BUSI	NESS		$\overline{<}$
MIXED OCCUPANCY	YS BC508 PA 6.1.14		/A	N,	/A	N,	/A
CLASSIFICATION OF WORK EBC NYS CH		ALTER LEVE		MODIFI	CATION		$\overline{}$
CONSTRUCTION TYPE NYS CENTRAL TABLE	HAPTER 6 LE A.8.2.1	2	В	1	PE II	EXIS	TING
NO. OF STORIES  BUILDING HEIGHT	YS BC504	3	3		<	EXIS	
ALLOWABLE BUILDING AREA	YS BC506	23,00	0 SF		$\sim$		=
	BC506.3				>	$\leq$	${ ightharpoons}$
, ,	YS BC506	,			>	$\leq$	>
EXISTING BUILDING GROSS AREA					>	46,17	
	BC1004.1	150		100	SF	46,17	5/100
	D∪1004.1	130	<u> ЭГ</u>	100	<u> </u>	=462	occ.
PROJECT NET WORK AREAS	D04004			<u> </u>		980	
(IN TENANT AREA) NFP	BC1004.1 PA 7.3.1.2	PER	OCC	PER	OCC	980/1 10 (	occ.
EXII WIDTH PER OCCUPANT NFPA TABL		.2 0	THER	.2 C	STAIR THER	.2X10	0=3" 0=2"
EXII WIDTH	BC1005.3 FPA 7.3.4	.2 0			STAIR THER	.2X10	0=3" 0=2"
MIN. NO. OF EXITS  NYS NYS BC1006.2 & BC	*	2	2	2	2	EXIT	E 1 Rule
ONE EXIT RULES NFPA CHAPTE	ER 38.2.4	75 32	5' 		/A	СОМБ	PLIES
NFPA 38.2.2.2 (	C1010.1.1 (7.2.1.2.3) BC1011.2	CLE	EAR		2" EAR	СОМБ	PLIES
C.LVIDWVA WILVID	PA 7.2.2.2	44"	MIN	44"	MIN	N,	/A
NFPA NFPA	38.2.3.2	44"	MIN	44"	MIN	СОМЕ	PLIES
MAXIMUM TRAVEL DISTANCE  NYS TABLE TABLE A7.6, NFF	PA 18.2.6	20	00'	20	00'	СОМБ	PLIES
MAXIMUM COMMON NYS TABLE BO PATH OF TRAVEL NFPA 7.5.1.6 & NFPA TAB	BLE A7.6.1	7:	5'	10	00'	СОМЕ	PLIES
NFPA 7.5.1.6 & NFPA TAB	BC1020.4 BLE A7.6.1 YS BC718	20	O'	2	0'	N,	/A
	PA 8.6.11	_	_ /Δ		/A	N <sub>2</sub>	
INTERIOR FINISHES CLASS @ EXITS & VERT.EXI		E			<u>/ /\</u> В	COMF	
INTERIOR FINISHES CLASS @ EXITS ACCESS THE PROPERTY OF THE PRO					<u>B</u>	COMF	
	-BC803.11				<u>C</u>	СОМЕ	LIES
FIRE EXTINGUISHER FIRE CODE OF N				1	5'	   Comf	OI IF C
SPACING NFF	PA 9.7.4.1	1/3,00	00 SF	1/3,0	00 SF	COIVIT	
AUTOMATIC SPRINKLER SYSTEM	YS BC903 LOCAL			YES	NO	YES	$\begin{pmatrix} 0 \\ 2 \end{pmatrix}$
STANDPIPE SYSTEM NYS SECTION NEP		YES			(1)	N <sub>2</sub>	 /A
SMOKE & FIRE DETECTION NYS SECTIO		<b>(E)</b>	NO	<b>(E)</b>	NO	(E)	NO
				$\stackrel{\smile}{\sim}$		$\stackrel{\smile}{\sim}$	
FIRE ALARM SYSTEM NYS SECTIO	ы ВС907	<b>(E)</b>	NO		NO		NO
ACCESSIBILITY DESIGN		N	BC 1 YS REQ	NYS C 'D.		ROVIDE	)
	BC1104.4	(YES	)	NO	YES	NO	N/A
VERTICAL ACCESS REQUIRED NYS E		_					_
	BC1105	YES		NO	YES	NO	N/A

FIRE RESISTA BUILDING ELEMENT TABLE	ANC	ER	ΑΤΙΙ	<b>VIGS</b>	
BUILDING FLEMENT TABLE				100	
BOILDING ELLINEIT TABLE	NYS	REQ'D.		REQ'D.	PROVIDED
STRUCTURAL FRAME	NYS T	ABLE 601		TABLE 8.2.1	
COLUMNS, BEAMS, GIRDERS, TRUSSES	AND A	RCHES	•		•
• SUPPORTING MORE THAN 1 FLOOR COLUMNS OR OTHER BEARING WALLS		$\leq$	0	HR	EXISTING COMPLIES
•SUPPORTING 1 FLOOR ONLY		$\leq$	0	HR	N/A
SUPPORTING FOR ROOF ONLY		$\leq$	0	HR	EXISTING COMPLIES
WALLS, FLOORS AND ROOFS:					
• EXTERIOR BEARING WALLS	0	HR	0	HR	EXISTING COMPLIES
•INTERIOR BEARING WALLS	0	HR	0	HR	EXISTING COMPLIES
• EXTERIOR NON-BEARING WALLS	0	HR	0	HR	EXISTING COMPLIES
•INTERIOR NON BEARING WALLS	0	HR	0	HR	EXISTING COMPLIES
FLOOR CONSTRUCTION INCLUDING BEAMS & JOISTS	0	HR	0	HR	EXISTING COMPLIES
ROOF CONSTRUCTION INCLUDING BEAMS & JOISTS	0	HR	0	HR	EXISTING COMPLIES
FIRE WALLS TABLE BC706.4	YES	NO		$\leq$	N/A
FIRE BARRIERS NYS BC707 NFPA 8.3	11-	NO	YES	NO	N/A
• VERTICAL EXIT NYS BC1023 ENCLOSURE NFPA 7.1.3.2	1 1	HR	1	HR	EXISTING COMPLIES
• EXIT NYS BC1024 PASSAGEWAY NFPA 7.1.3.2	1 1	HR	1	HR	EXISTING COMPLIES
• HORIZONTAL NYS BC1026 EXIT SEPARATION NFPA 7.2.4	1 1	HR	1	HR	N/A
• INCIDENTAL USE NYS BC509 AREAS NFPA TABLE 38.3.2.	1 1	HR	1	HR	N/A
• OCCUPANCY NYS BC508 SEPARATION NFPA 6.1.14.4	1 1	HR	1	HR	N/A
• SHAFT NYS BC713.4 ENCLOSURE NFPA 8.6	1 1	HR	1	HR	EXISTING COMPLIES
FIRE PARTITIONS NYS BC708		NO	YES	NO	N/A
• CORRIDOR WALLS T-BC1020. NFPA 38.3.6.		HR	1	HR	EXISTING COMPLIES
• SMOKE NYS BC709.3 BARRIERS NFPA 38.3.	1 1	HR	1	HR	N/A
FIRE PROOFING ASSEMBLIES BEAMS COLUMNS FLOOR SYSTEM ROOF SYSTEM NYS BC704		HR	_		EXISTING COMPLIES
ABBREVIATIONS:  1. "NA" INDICATES "NOT AP THIS PROJECT."  2. "NC" INDICATES "NON—C  3. "C" INDICATES COMBUST  4. "NR" INDICATES NOT REG	OMBU BLE ( QUIRE	STIBLE CONST D.	E" C( FRUC	ONSTR	RUCTION.

REFER TO SPECIFIC DRAWING AND SPECIFICATION

BUILDING IS PARTIALLY SPRINKLERED, AREA OF SCOPE OF WORK DOES NOT HAVE SPRINKLERS.

SECTIONS FOR ADDITIONAL STRUCTURAL DESIGN CRITERIA INCLUDING BUT NOT LIMITED TO, LIVE LOAD, DEAD LOAD, AND LATERAL LOADS APPLICABLE TO THIS PROJECT.

	SYMBC	)LS	
		EXISTING CONSTRUCTION TO REMAIN	
	.55555	NEW CONSTRUCTION	
D	<b>1 2</b> 1	ONE HOUR RATED FIRE BARRIER,  1 ■ SHAFT ENCLOSURE AND FIRE PARTITION	
IG ES	EXIT	EXIT LOCATION	
G :S	EXIT ACCESS	ENTRANCE TO EXIT ACCESS CORRIDOR	
G :S		— — — TRAVEL DISTANCE	
	FE	FIRE EXTINGUISHER (1 PER 75' OF TRAVEL)	
IG IG		AREAS NOT IN SCOPE	
ES	AV	AUDIO/VISUAL FIRE ALARM NOTIFICATION APPLIANCE; SEE ELECTRICAL DRAWINGS	
$\dashv$	V	VISUAL FIRE ALARM NOTIFICATION APPLIANCE; SEE ELECTRICAL DRAWINGS	
IG ES	SD	SMOKE DETECTOR; SEE ELECTRICAL DRAWINGS	
ES IG FS	$\otimes$	EXIT SIGN - SEE ELEC. PLANS	

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GEOLOGICAL: 018750

BID DOCUMENTS

CERTIFICATE OF AUTHORIZATION NUMBER: PROFESSIONAL ENGINEERING: 018281 LAND SURVEYING: 017976

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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## **JORDAN HEALTH**



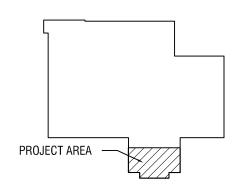
82 HOLLAND STREET, SUITE #100 ROCHESTER, NY 14605

JORDAN HEALTH -PHARMACY RELOCATION **CONSULTANTS:** 



**Engineering P.C.** 

#### **KEYPLAN**:



CONSTRUCTION DOCUMENTS DATE:

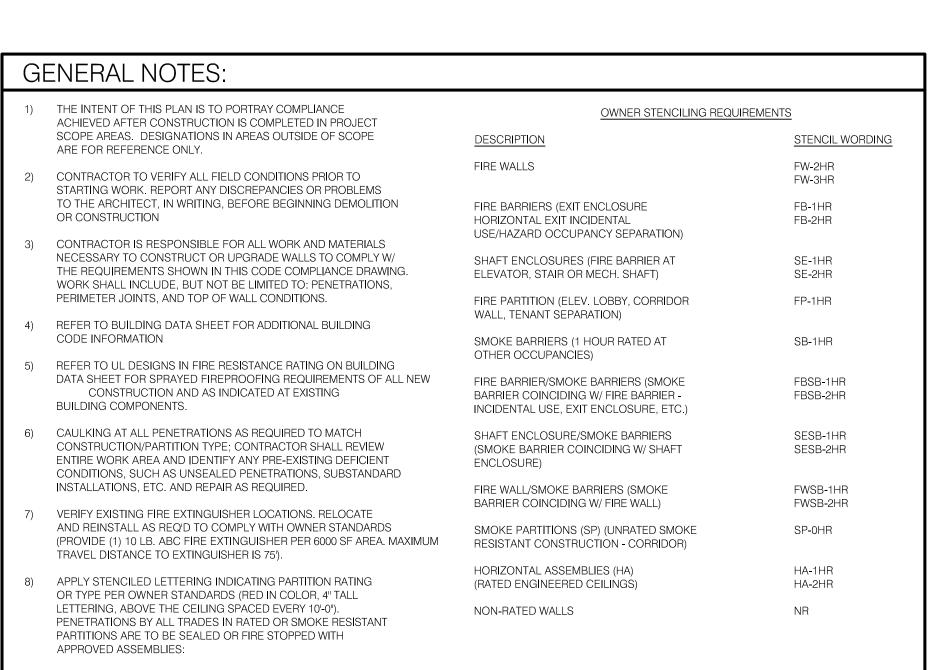
1/25/23

DRAWING NAME:

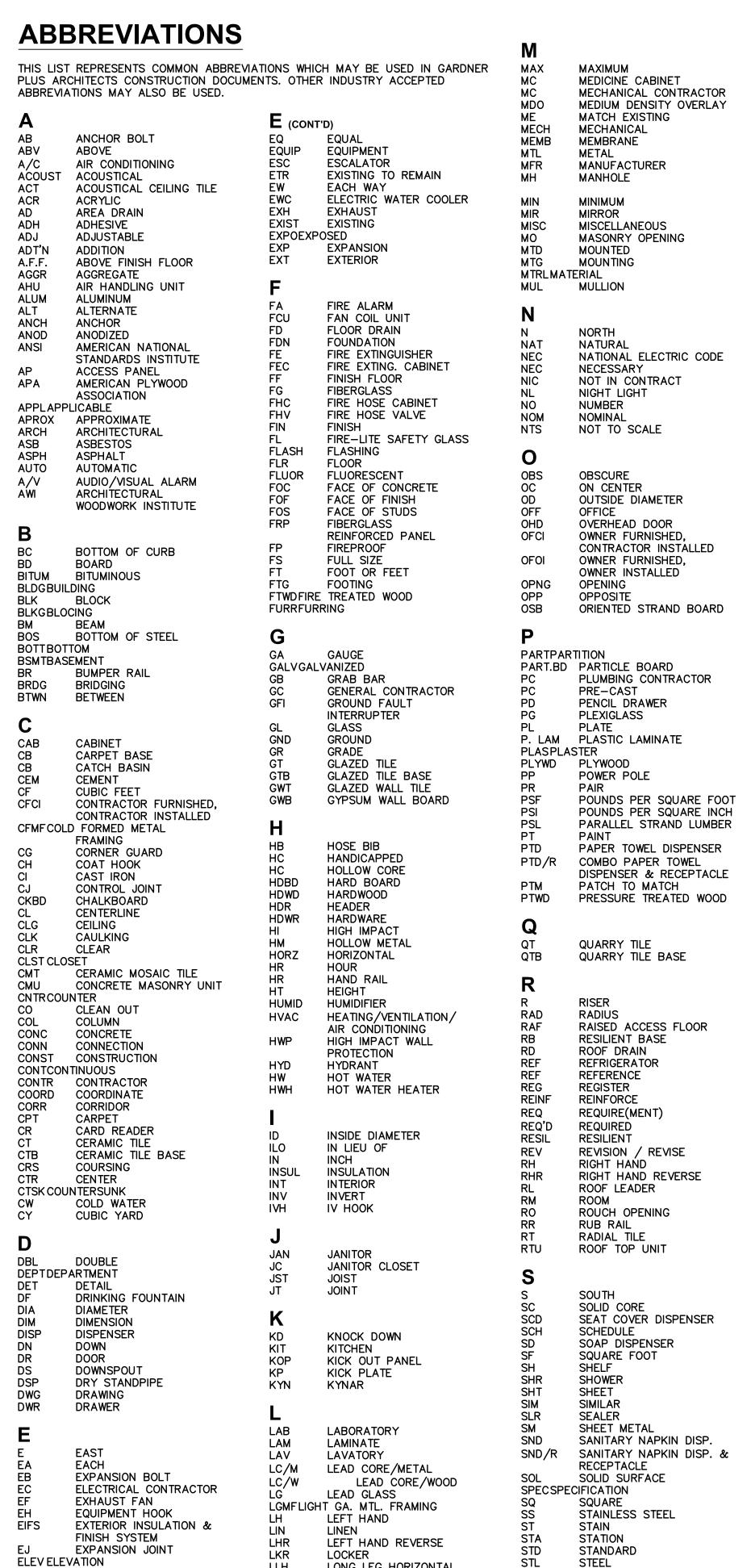
PARTIAL 1ST FLOOR **LIFE SAFETY PLAN** & CODE DATA

DRAWING NUMBER:

**LSC100** 



\ LSC100 / SCALE: 1/4" = 1'-0"



LLH

LLV

ELEC ELECTRICAL

**EMERG** 

EPY

ELEVATOR

**EMERGENCY** 

**ENCLOSURE** 

**ENTRANCE** 

EPOXY PAINT

ELECTRICAL PANEL

LONG LEG HORIZONTAL

LONG LEG VERTICAL

LAMINATED GLASS

LAMINATED VENEER

LOUVER

LUMBER

STORSTORAGE

STRUCT

SUSP

SV

STRETCHER

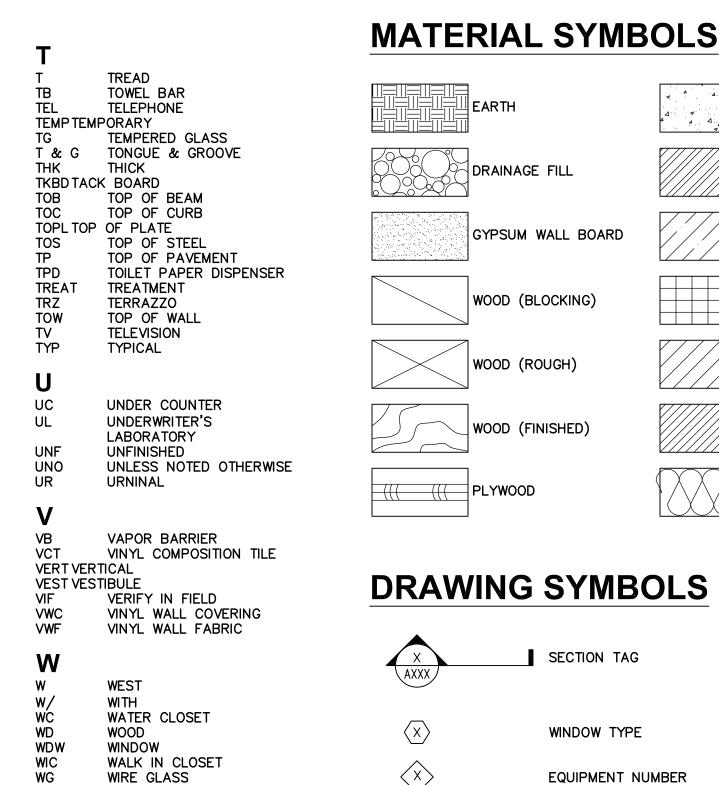
STRUCTURAL

SUSPENDED

SHEET VINYL

SQUARE YARD

SYMMETRICAL



WIRE GLASS

WATERPROOF

YARD DRAIN

**MISCELLANEOUS** 

DIAMETER

NUMBER

**ANGLE** 

DEGREE

ΑT

PERPENDICULAR

WITHOUT

WEIGHT

YARD

W/O

WT

YD

YD

# CONCRETE DRAINAGE FILL STRUCTURAL STEEL GYPSUM WALL BOARD INSULATION (RIGID) WOOD (BLOCKING) WOOD (ROUGH) WOOD (FINISHED) PLYWOOD INSULATION (BATT)

SECTION TAG

WINDOW TYPE

X

EQUIPMENT NUMBER

FLOOR PLAN KEYNOTE

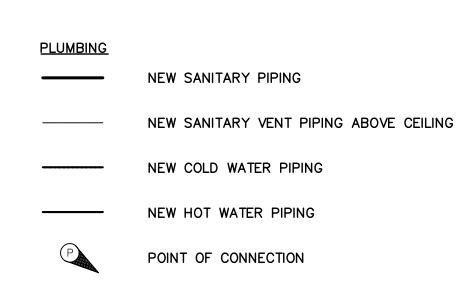
DEMOLITION KEYNOTE

REVISION

DATUM SYMBOL

NORTH ARROW

# **MECHANICAL** POINT OF CONNECTION LINEAR DIFFUSER INSULATED FLEX DUCT - NO BENDS **BALANCING DAMPER THERMOSTAT PLUMBING**



MEP/FP SYMBOLS

(UNLESS NOTED OTHERWISE PER DRAWINGS BY OTHERS)

**ELECTRICAL** 

 $\Phi_{+44}$ 

**O** 

DUPLEX OUTLET W/ MOUNTING HEIGHT

DUPLEX OUTLET W/ GROUND FAULT

INTERRUPTER

QUAD OUTLET

PHONE OUTLET

WALL PHONE

NURSE CALL

DATA CONNECTION

PHONE / DATA OUTLET

SPECIAL PURPOSE DEDICATED OUTLET

ONE PATIENT BED STATION

TWO PATIENT BED STATION

EMERGENCY (PUSH FOR HELP)

DOME LIGHT — CEILING

DOME LIGHT - WALL

PULL CORD (BATH)

DUTY STATION

STAFF STATION

CODE BLUE

**ZONE LIGHT** 

MASTER

CEILING SPEAKER

DIMMER

SINGLE POLE SWITCH

OCCUPANCY SENSOR

THREE WAY SWITCH

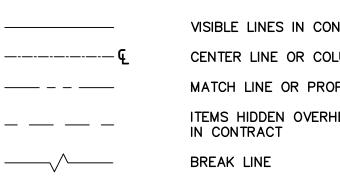
ELECTRIC PANEL

PHONE OUTLET AND DBL DUPLEX IN FLOOR

(+18" A.F.F. IF NO HEIGHT INDICATED)

(+18" A.F.F. IF NO HEIGHT INDICATED)





VISIBLE LINES IN CONTRACT CENTER LINE OR COLUMN GRID MATCH LINE OR PROPERTY LINE ITEMS HIDDEN OVERHEAD OR NOT

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#### **JORDAN HEALTH**



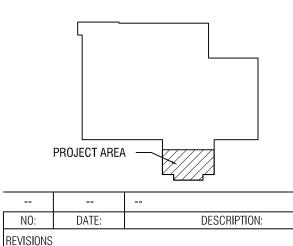
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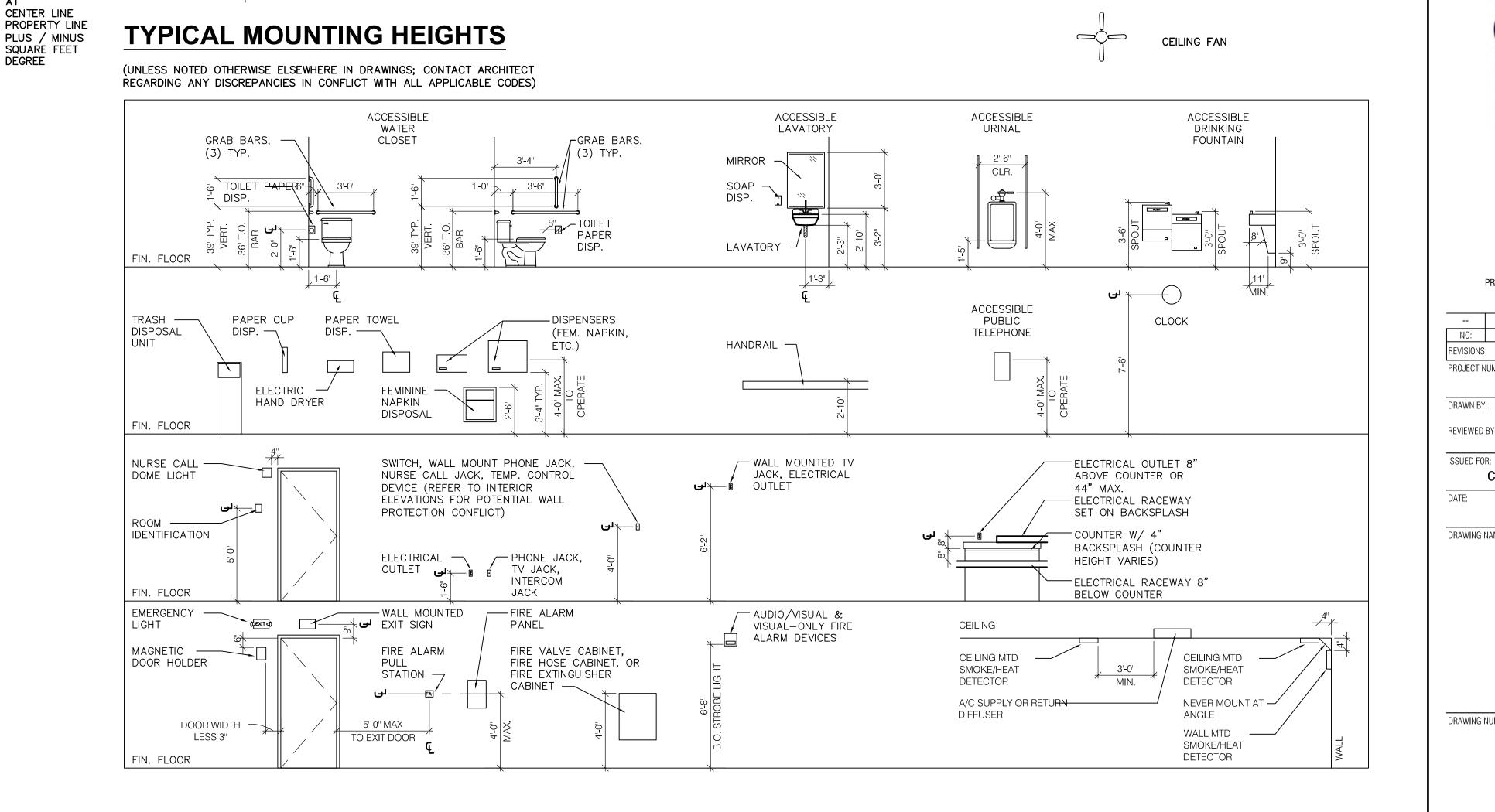
PROJECT NUMBER: 2223394 DRAWN BY:

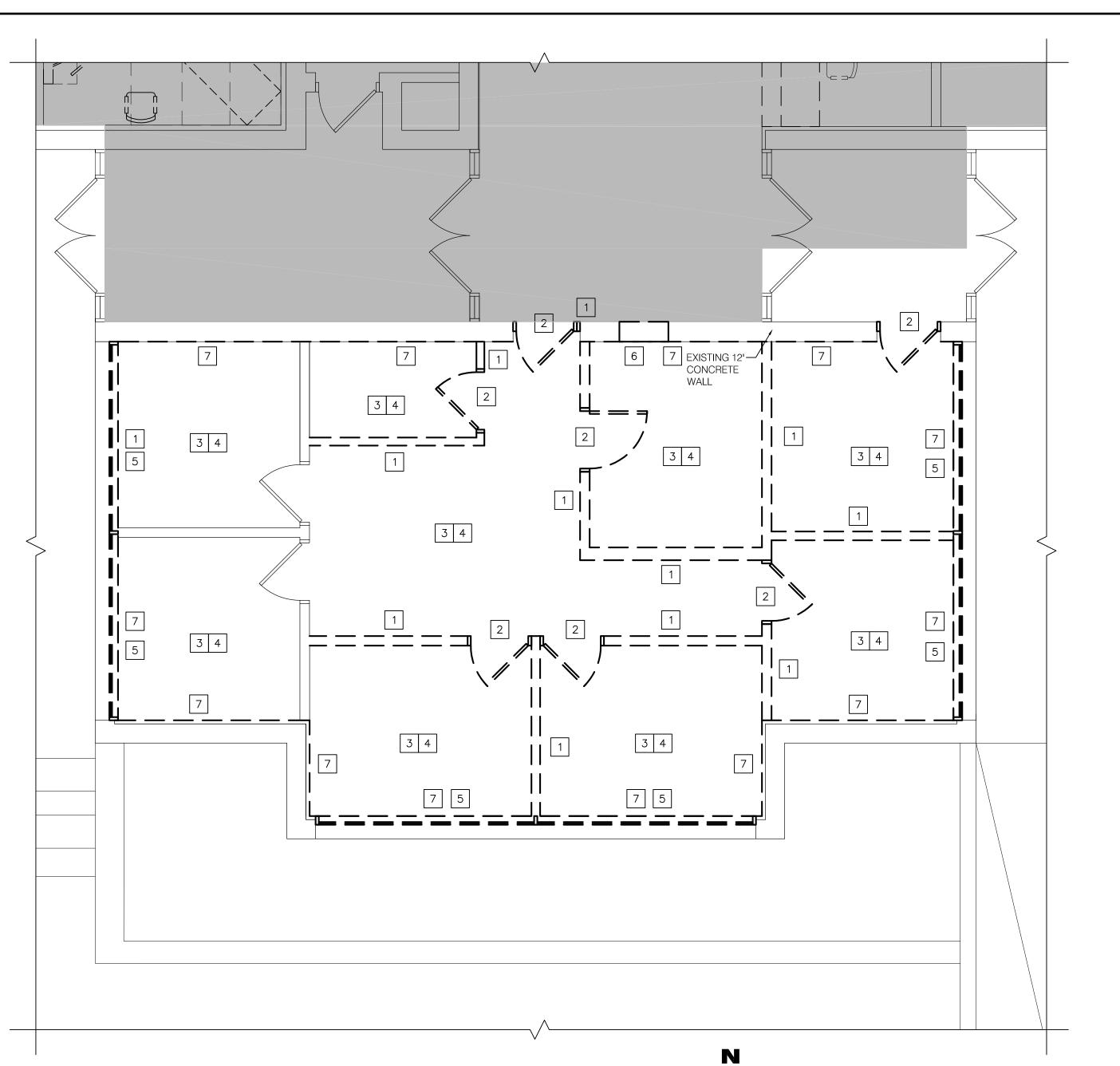
ISSUED FOR:

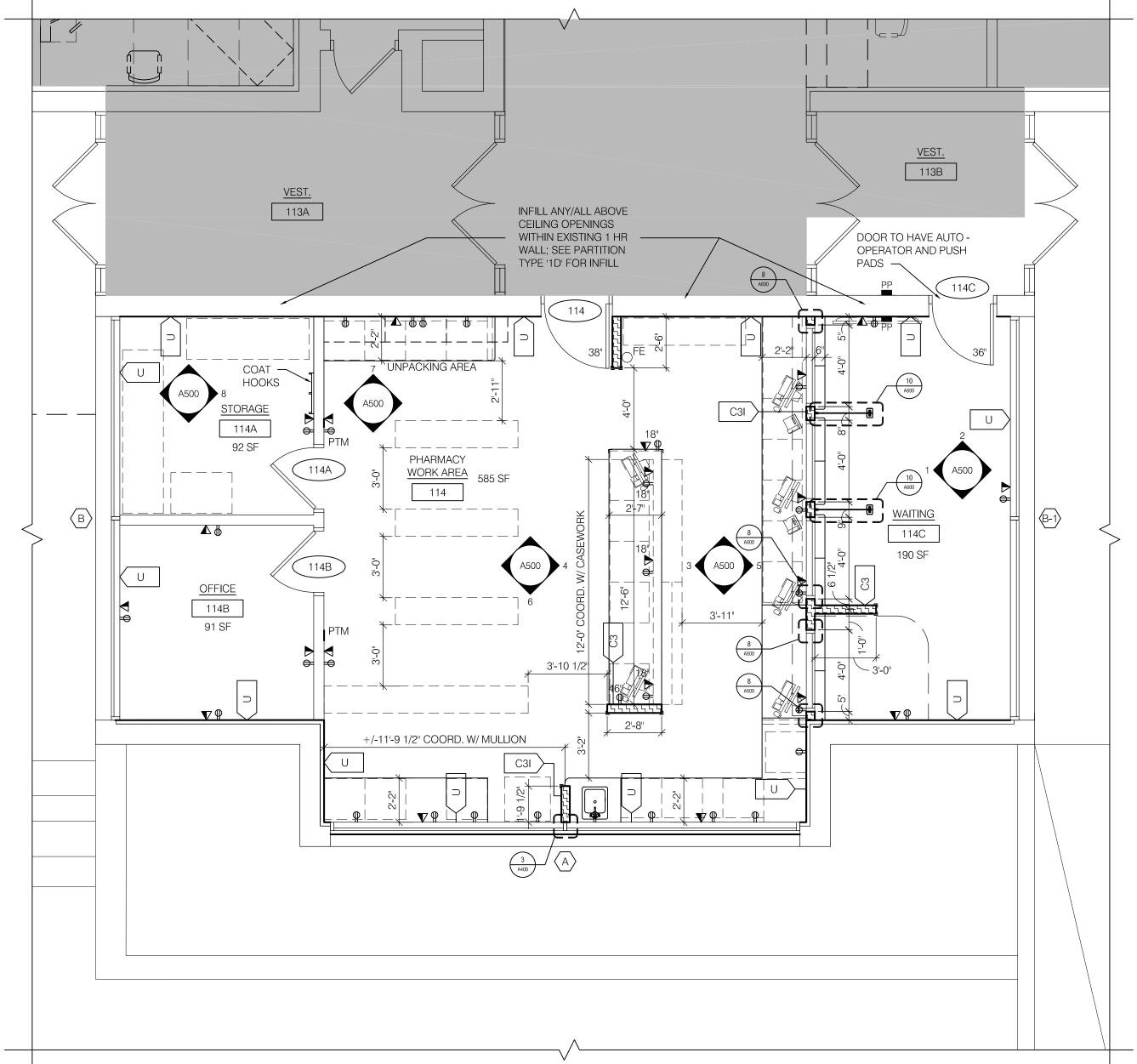
CONSTRUCTION DOCUMENTS 1/25/23

DRAWING NAME:

**SYMBOLS & ABBREVIATIONS** 







#### DEMOLITION PLAN GENERAL NOTES

- 1) IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL DETAILS INVOLVED IN THE CONTRACT. SPECIFIC INSTRUCTIONS ON EACH ITEM WILL NOT BE GIVEN
- 2) DEMOLITION SHALL BE PHASED SO AS TO LEAVE SYSTEMS INTACT AND TO AVOID DISRUPTION. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT PHASING. ALL INTERRUPTION IN SERVICES AS A RESULT OF DEMOLITION SHOULD BE COORDINATED WITH THE CONSTRUCTION MANAGER/OWNER'S REPRESENTATIVE PRIOR TO WORK BEING PERFORMED
- 3) STORAGE OF CONTRACTORS' EQUIPMENT AND DEBRIS MUST BE KEPT WITHIN THE CONSTRUCTION AREA AND PROPERTY LINES. DISPOSE OF ALL DEMOLITION MATERIAL OFF-SITE IN A LEGAL DISPOSAL AREA
- 4) ISOLATE ALL DEMOLITION AREAS FROM ANY OCCUPIED AREAS WITH ONE HOUR FIRE RATED CONSTRUCTION FOR HAZARD AND DUST PROOFING 5) USE EXHAUST FANS OR OTHER MEANS TO MAINTAIN NEGATIVE PRESSURE IN
- THE PROJECT AREA THROUGHOUT DEMOLITION AND CONSTRUCTION 6) PROVIDE WARNING AND BARRIER FENCING TO PROTECT OCCUPANTS AND
- VISITORS FROM HARM AS REQUIRED BY WORK IN PROGRESS. JOB SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR 7) MAINTAIN ALL REQUIRED EMERGENCY EXITS THROUGHOUT DEMOLITION AND
- CONSTRUCTION. COORDINATE WITH THE OWNER AND THE LOCAL FIRE MARSHAL FOR OTHER SPECIFIC REQUIREMENTS 8) IN AREAS OF DEMOLITION THAT EFFECT THE STRUCTURAL INTEGRITY OF THE
- BUILDING PROVIDE TEMPORARY SHORING AND BRACING TO PROTECT STRUCTURE UNTIL NEW STRUCTURAL SUPPORT IS INSTALLED 9) PHASING BY CONTRACTOR.
- 10) PROVIDE TEMPORARY PARTITIONS AS REQUIRED TO ISOLATE OCCUPIED AREAS FROM CONSTRUCTION, BASIS OF DESIGN FOR CONSTRUCTION BARRIER IS PARTITION TYPE 13i, SEE A002 FOR DETAILS.

#### **DEMOLITION SCOPE**

SCALE: 1/4" = 1'-0"

PARTIAL 1ST FLOOR DEMO PLAN

- UNLESS OTHERWISE NOTED, THE FOLLOWING SCOPE OF DEMOLITION APPLIES THROUGHOUT THE PROJECT AREA. FURTHER DETAIL MAY NOT BE GIVEN
- 1) REMOVE ALL WALLS AND PARTITIONS FROM FLOOR TO DECK, AS SHOWN ON PLAN, OR REQUIRED BY WORK. PROVIDE ANY REQUIRED SUPPORT TO REMAINING PORTIONS OF PARTITIONS AND CEILING SYSTEMS 2) ALL WALLS TO BE DEMOLISHED THAT HAVE BEEN FURRED OUT AND FINISHED SHALL BE STRIPPED TO THE
- SUBSTRATE UNLESS OTHERWISE NOTED 3) REMOVE CEILINGS AND ALL FIXTURES, DEVICES AND SUSPENSION SYSTEMS WHERE NEW CEILINGS ARE SCHEDULED, ARE SHOWN ON THE REFLECTED CEILING PLAN OR ARE REQUIRED BY ABOVE CEILING WORK.
- SUPPORT ALL REMAINING UTILITIES ON A TEMPORARY BASIS 4) WHEREVER NEW FLOORING AND BASE ARE SCHEDULED, EXISTING FLOORING AND BASE SHALL BE REMOVED TO THE ROUGH SLAB OR EXISTING SUBSTRATE. PREPARE SUBSTRATE TO ACCEPT NEW FINISHES INCLUDING FLASH PATCHING AS REQUIRED FOR SMOOTH FINISH FREE OF TELEGRAPHED IMPERFECTIONS. FLOORING

REMOVALS SHALL BE THROUGHOUT THE ENTIRE ROOM AREA UNLESS OTHERWISE NOTED.

- 5) REMOVE COUNTERS, WALL, BASE, AND FULL HEIGHT CABINETS, ETC. SHOWN ON PLAN OR REQUIRED BY WORK 6) ALL PLUMBING FIXTURES, ELECTRICAL FIXTURES, DOORS, FRAMES, COUNTERS, AND CASEWORK THE DRAWINGS OR OWNER INDICATES THEY WANT TO SAVE SHALL BE REMOVED BY THE CONTRACTOR, STORED, AND MAINTAINED IN GOOD CONDITION PER THE OWNER'S DIRECTIONS FOR FUTURE REUSE. THE DRAWINGS, SPECIFICATIONS, OR OWNER SHALL PROVIDE A LIST OF ALL SUCH SALVAGE ITEMS TO THE CONTRACTOR
- 7) WHERE DOORS ARE SHOWN TO BE REMOVED, REMOVE DOOR, FRAME, AND HARDWARE UNLESS OTHERWISE NOTED. THE EXISTING HARDWARE SHALL BE CATALOGUED AND TURNED OVER TO THE OWNER OR SAVED FOR POSSIBLE REINSTALLATION
- 8) REMOVE PLUMBING FIXTURES AS REQUIRED FOR WORK. REMOVE ALL ABANDONED PIPING. CAP BELOW FINISHED SURFACES
- 9) REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND DEVICES AS SHOWN OR REQUIRED BY THE WORK 10) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SALVAGE OF EXISTING MATERIALS AS REQUIRED FOR PATCHING EXISTING AREAS TO REMAIN
- 11) THE DEMOLITION OF EXISTING MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS IS TO BE COORDINATED BY THE GENERAL CONTRACTOR. CONSTRUCTION AND DEMOLITION SHALL BE PHASED WITH THE WORK OF ALL TRADES
- 12) INSPECT/REPAIR/REPLACE ANY DAMAGED FIREPROOFING AROUND COLUMNS, BEAMS, OR OTHER FIRE RATED CONSTRUCTION WITH SAME MATERIAL IF IT CONFORMS WITH CURRENT REQUIREMENTS. CONTACT ARCHITECT FOR DIRECTION AND TO DETERMINE IF SUBSTITUTIONS CAN BE MADE
- 13) REMAINING FINISHED SURFACES SHALL BE THOROUGHLY CLEANED AND PREPARED TO RECEIVE THE INDICATED NEW FINISHES AND/OR SYSTEMS IN ACCORDANCE WITH RECOMMENDED INDUSTRY STANDARDS 14) IN AREAS INDICATED TO RECEIVE NEW WALL FINISHES, PREP ALL SURFACES TO ACCEPT NEW FINISH TREATMENT. REMOVE ALL ABANDONED DEVICES AND FASTENERS. SEAL ALL CRACKS, HOLES, AND BLEMISHES

# **DEMO SYMBOLS**

REMOVE EXISTING PARTITION AS SHOWN; PATCH AND PREP WALLS TO RECEIVE NEW FINISHES AS REQUIRED

REMOVE EXISTING FLOORING, BASE & SUBSTRATE;

REMOVE EXISTING CEILING TILE, GRID, GWB SOFFITS & FIXTURES

REMOVE EXISTING WINDOW & SILLS, PREP OPENINGS FOR NEW WINDOW SYSTEM, SEE 6&7/A300

CONCRETE WALL FOR NEW DUCTWORK ABOVE ASSEMBLY PER RATING AS INDICATED ON LSC100

NEW VAPOR BARRIER & GWB

#### PARTIAL 1ST FLOOR PLAN SCALE: 1/4" = 1'-0"

#### FLOOR PLAN NOTES

1) ALL DIMENSIONS TO BE TAKEN FROM CENTERLINE OF WALL UNLESS INDICATED OTHERWISE. REFER TO PARTITION TYPES FOR ACTUAL DIMENSION

SYMBOLS

XXX

EXISTING CONSTRUCTION TO

NEW DOOR OPENING WITH

SEE DOOR SCHEDULE

EXISTING DOOR TO

PARTITION TYPE - SEE PARTITION DETAILS

ROOM NUMBER - SEE ROOM FINISH

EXTERIOR WINDOW TAG - SEE A300

PRIVACY CURTAIN (BY OWNER) & TRACK

DOOR SYMBOL

NEW CONSTRUCTION

SHEET A300

REMAIN

REMAIN

SHEET A400

SCHEDULE SHEET I100

**ELEVATION REFERENCE:** 

ELEVATION NUMBER (TOP)

SHEET NUMBER (BOTTOM)

PUSH PLATE FOR AUTO DOOR

WALL MTD. FIRE EXTINGUISHER

POWER & DATA FOR REFERENCE, SEE

ACCESS KEY PAD

ELECTRICAL DRAWINGS

- 2) JOINTS ABUTTING EXISTING WALLS ARE TO BE TAPED AND FINISHED
- 3) COORDINATE NEW DATA & POWER LOCATIONS WITH
- 4) CONTRACTOR SHALL PROVIDE BLOCKING AS REQUIRED FOR ALL MILLWORK AND EQUIPMENT INSTALLATION
- 5) FURNITURE AND EQUIPMENT TO BE PROVIDED BY OWNER. VERIFY FINAL LOCATION AND REQUIREMENTS OF ALL EQUIPMENT WITH OWNER; SEE A110 FOR
- ADDITIONAL EQUIPMENT INFORMATION 6) PATCH ALL EXISTING WALLS AS REQUIRED; PREPARE ALL WALLS FOR PAINT



CERTIFICATE OF AUTHORIZATION NUMBER: PROFESSIONAL ENGINEERING: 018281 LAND SURVEYING: 017976 GEOLOGICAL: 018750

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BID DOCUMENTS

**JORDAN HEALTH** 

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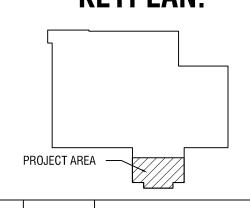


82 HOLLAND STREET, SUITE #100 **ROCHESTER, NY 14605** 

**JORDAN HEALTH -**PHARMACY RELOCATION **CONSULTANTS:** 







DESCRIPTION: REVISIONS PROJECT NUMBER: 2223394 DRAWN BY: REVIEWED BY: ISSUED FOR:

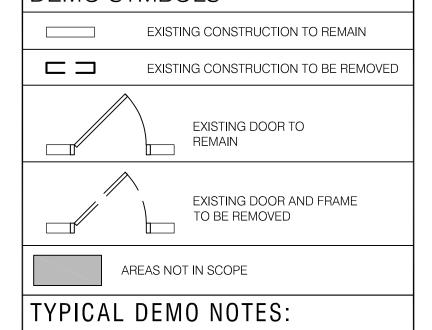
CONSTRUCTION DOCUMENTS DATE:

1/25/23

DRAWING NAME:

PARTIAL 1ST FLOOR

DRAWING NUMBER:



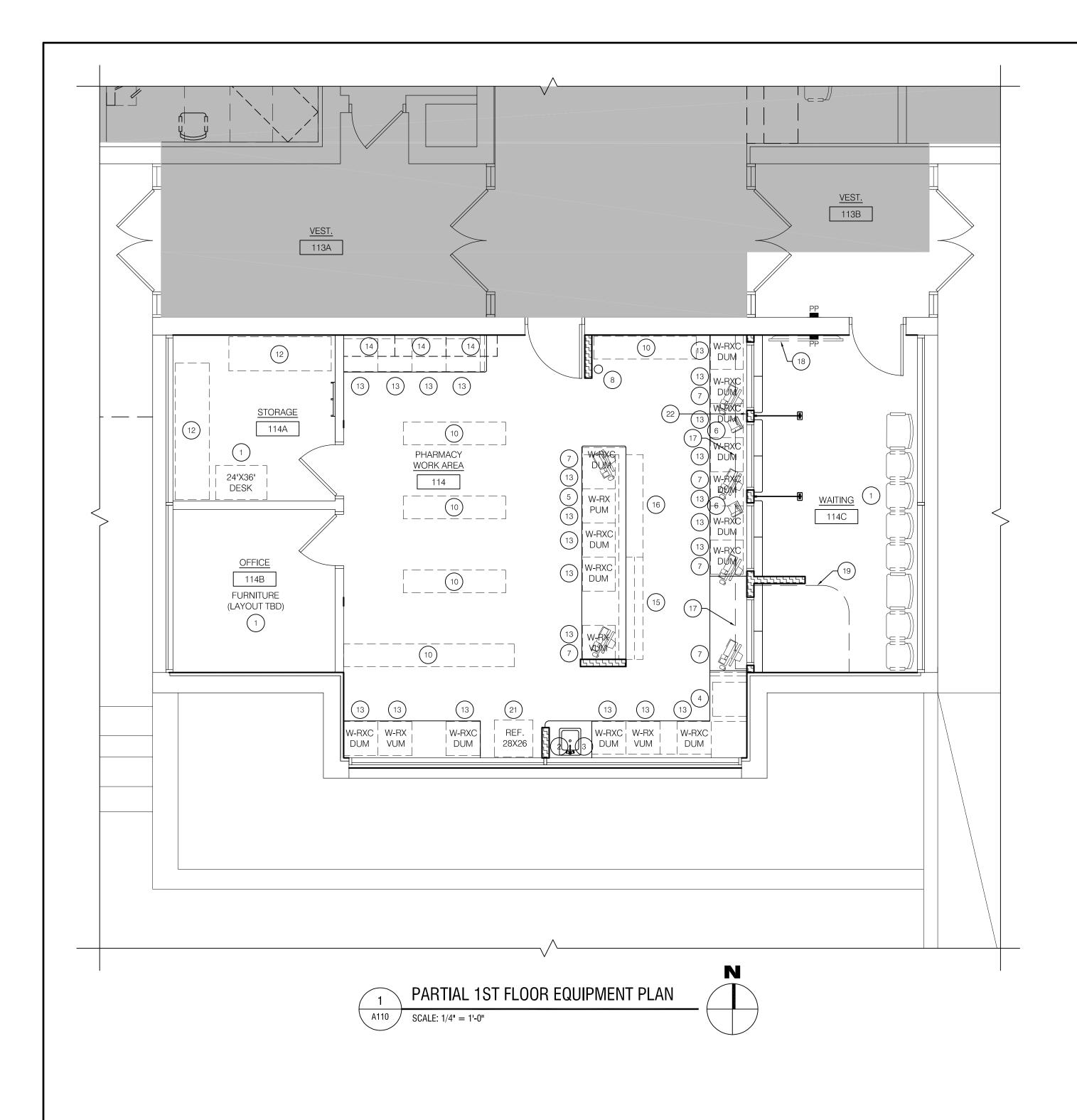
2 REMOVE EXISTING DOOR, FRAME & HARDWARE

PREP FLOOR FOR NEW FINISHES

SAWCUT & REMOVE PORTION OF EXISTING 12" J CEILING, SEE HVAC DRAWINGS - FIRE STOP W/ UL

INSULATION TO REMAIN. PREP STUD / FURRING FOR

REMOVE EXISTING GWB, EXISTING STUD / FURRING &



	EQUIPMENT	BLOCKING	ACTION
1	FURNITURE		OFOI
2	SOAP DISPENSER		OFCI
3	PAPER TOWEL DISPENSER		OFCI
4	UNDER COUNTER REFRIGERATOR (POWER)		OFOI
5	PRINTER / SCANNER (POWER / DATA)		OFOI
6	PHONE (TELEDATA)		OFOI
7	COMPUTER		OFOI
8	FIRE EXTINGUISHER		CFCI
9	HAND SANITIZER		OFCI
10	SHELVING (16"X72")		OFOI
11	SHELVING (16"X120")		OFOI
12	SHELVING (24"X96" & 72")		OFOI
13	PHARMACY GRADE METAL CASEWORK		OFCI
14	PHARMACY GRADE METAL WALL SHELVING		OFCI
15	PRESCRIPTION RACK		OFCI
16	OVER THE COUNTER DISPLAY		OFCI
17	SECURITY GRILLE		CFCI
18	TV & WALL MOUNT		OFCI
19	PRIVACY CURTAIN TRACK		CFCI
20	PRIVACY CURTAIN		OFCI
21	PHARMACY REFRIGERATOR		OFOI
(22)	SECURITY BUTTON		OFOI



LOCATIONS

CONTRACTOR TO PROVIDE BLOCKING
AS REQUIRED - CONTRACTOR TO
COORDINATE WITH OWNER ON
LOCATION

- FINAL NUMBER OF EQUIPMENT / ACCESSORIES TO BE VERIFIED BY OWNER
- ALL VFVI ITEMS ARE BY OWNER VENDERS, COST NOT TO BE INCLUDED IN BIDS.
- FINAL EQUIPMENT LOCATION TO BE COORDINATED W/ OWNER, COORDINATE FINAL POWER / DATA



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### **JORDAN HEALTH**



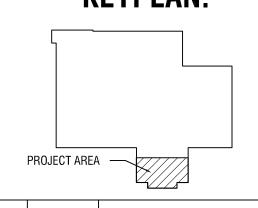
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JORDAN HEALTH - PHARMACY RELOCATION CONSULTANTS:



Engineering P.C.

## **KEYPLAN:**



NO:	DATE:	DESCRIPTION:	
REVISIONS			
PROJECT N	IUMBER:		
		2223394	
DRAWN BY	:	JH	
REVIEWED	BY:	TM	
ISSUED FO	R:		
	CONSTR	UCTION DOCUMENTS	

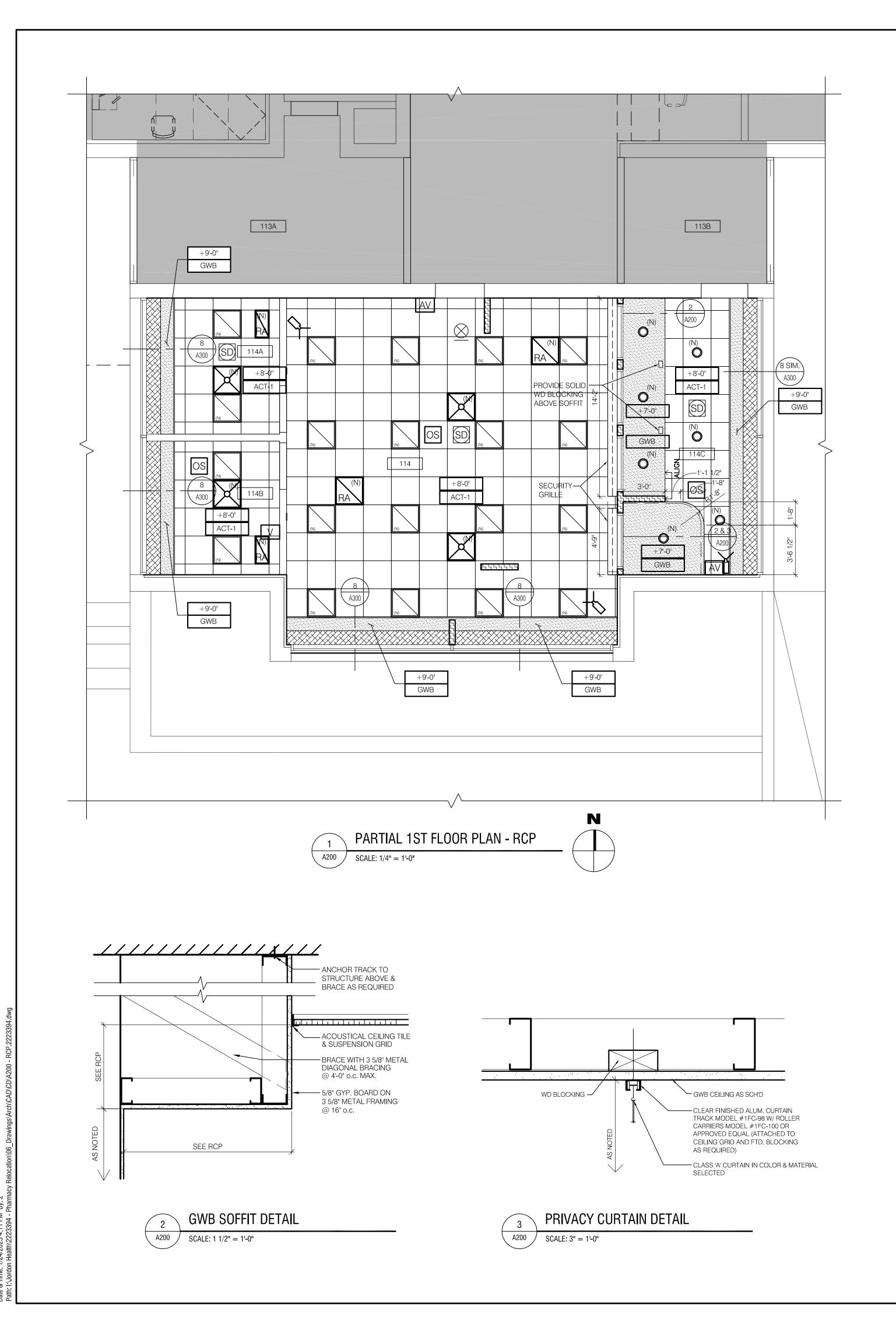
DATE: 1/25/23

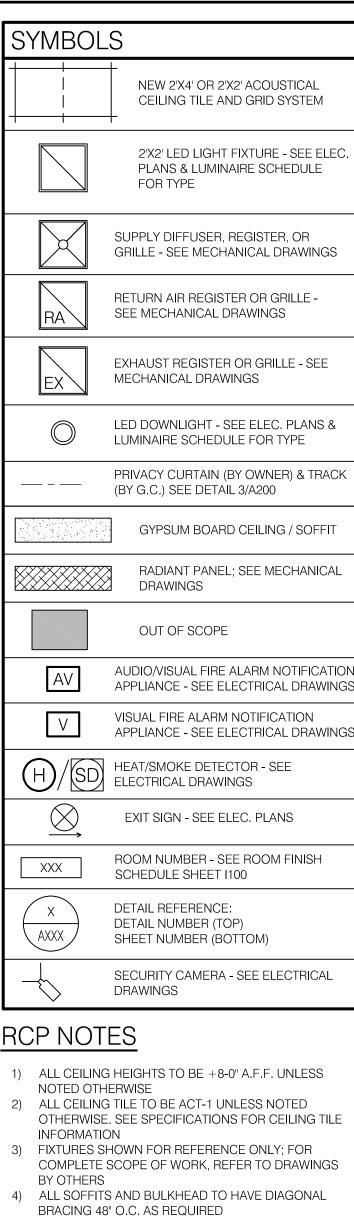
DRAWING NAME:

PARTIAL 1ST FLOOR - EQUIPMENT PLAN

DRAWING NUMBER:

A110





#### RCP NOTES

- 1) ALL CEILING HEIGHTS TO BE +8-0" A.F.F. UNLESS
- 2) ALL CEILING TILE TO BE ACT-1 UNLESS NOTED OTHERWISE. SEE SPECIFICATIONS FOR CEILING TILE
- 3) FIXTURES SHOWN FOR REFERENCE ONLY; FOR COMPLETE SCOPE OF WORK, REFER TO DRAWINGS
- 4) ALL SOFFITS AND BULKHEAD TO HAVE DIAGONAL
- 5) SUSPENDED GRID CEILING SHALL BE ARRANGED SO THAT A GRID IS SPACED EQUALLY FROM EACH MOST REMOTE WALL IN EACH DIRECTION, WITH NO TILE LESS THAN 6" UNLESS OTHERWISE INDICATED



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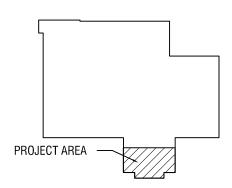


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JORDAN HEALTH -PHARMACY RELOCATION **CONSULTANTS**:



## **KEYPLAN:**



NO:	DATE:	DESCRIPTION:
REVISIONS		
PROJECT N	IUMBER:	2223394
DRAWN BY	·	.IH

ISSUED FOR: CONSTRUCTION DOCUMENTS

1/25/23

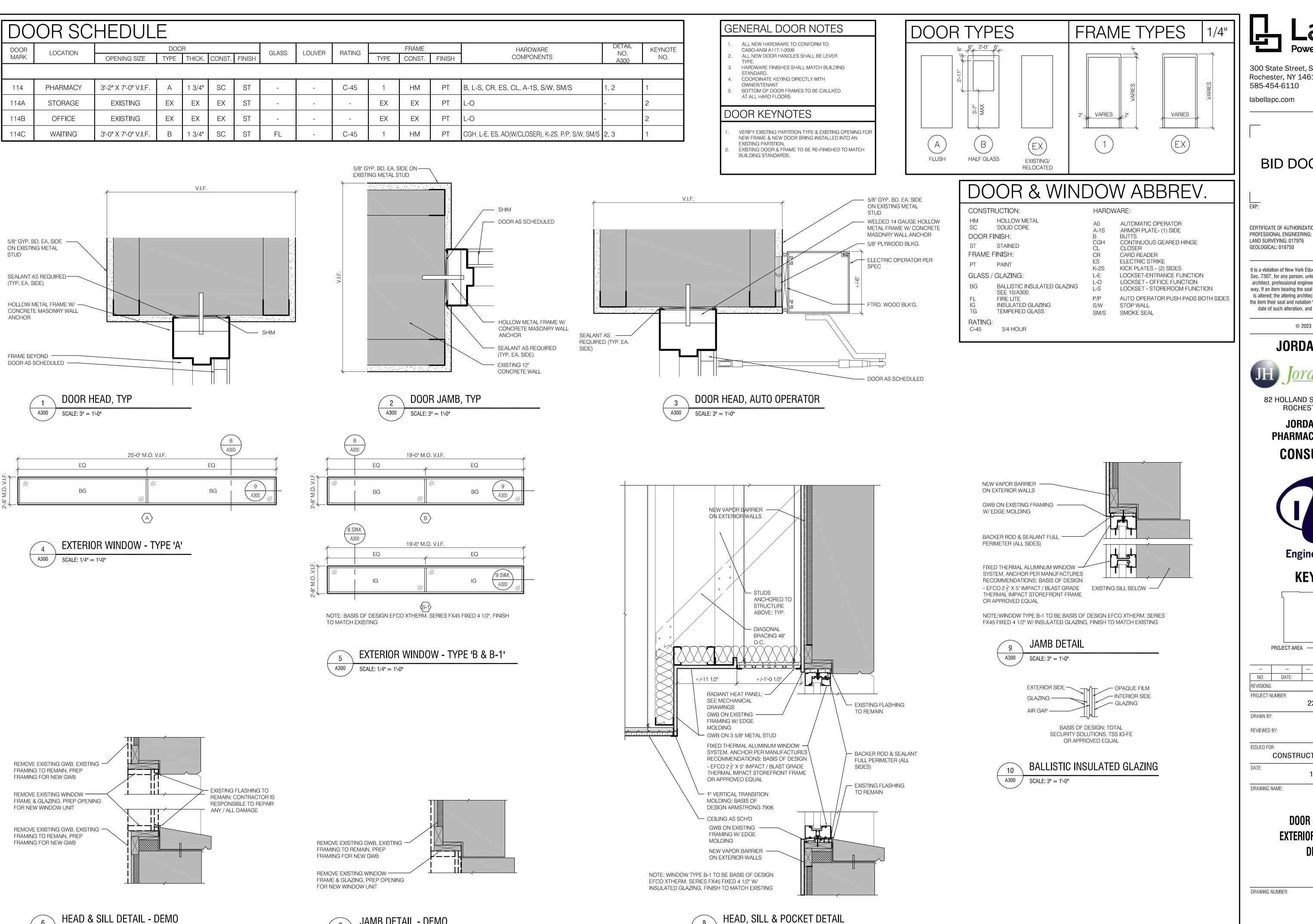
DRAWING NAME:

REVIEWED BY:

DATE

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PARTIAL 1ST FLOOR - REFLECTED CEILING **PLAN & DETAILS** 



A300

SCALE: 3'' = 1'-0''

JAMB DETAIL - DEMO

SCALE: 3'' = 1'-0''

A300 /

SCALE: 3" = 1'-0"

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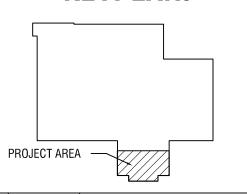
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**Engineering P.C.** 

#### **KEYPLAN:**



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NO:	DATE:	DESCRIPTION:
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PROJECT N	IUMBER:	
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DRAWN BY		JH
REVIEWED	BY:	TM
ISSUED FO	R·	

CONSTRUCTION DOCUMENTS

1/25/23

DOOR SCHEDULE, **EXTERIOR WINDOWS DETAILS** 

FIRE RATING, TYPE, HEIGHT, INSULATION, LEAD, WALL MATERIAL. & SIZE

#### RATED PARTITION

**1** 1 HOUR 5/8" TYPE 'X', 2 SIDES TO

#### METAL STUD PARTITION C 5/8" TYPE 'X' GYP. BOARD 2 SIDES TO DECK

I SEE INSULATION

#### FURRING/CHASE PARTITION

**R** 5/8" TYPE 'X' GYP. BOARD TO DECK

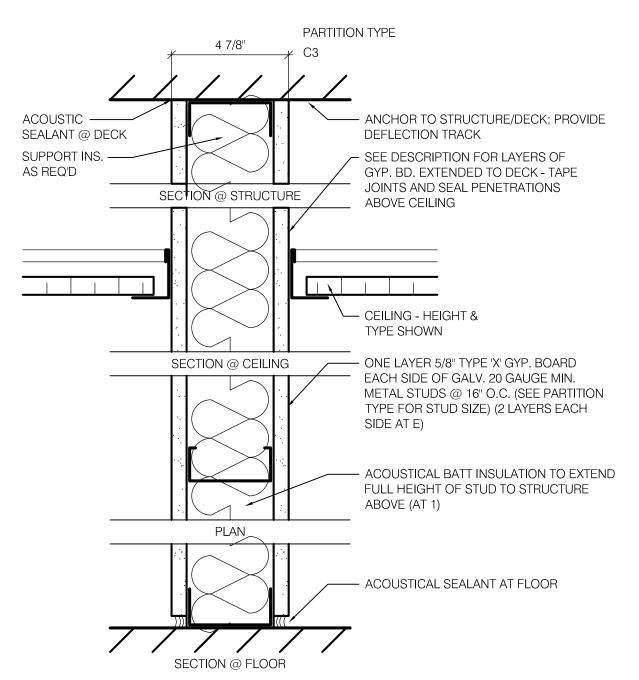
U 5/8" TYPE 'X' GYP. BD. W/ NEW VAPOR BARRIER (AT EXTERIOR WALLS) ON EXISTING STUDS TO THE DECK.

#### STUD SIZE

**3** 3 5/8" METAL STUDS @ 16" O.C..

#### INSULATION

I INSULATION - ACOUSTICAL BATT  $2\frac{1}{2}$ " THICK. @ TYPE 2 3" THICK. @ TYPES 3,4,6



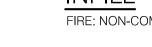
#### METAL STUD PARTITION

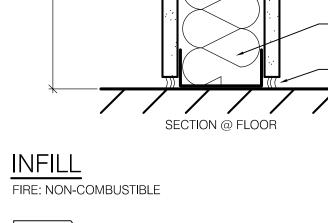
FIRE: NON-COMBUSTIBLE

C3I

METAL STUDS W/ 5/8" TYPE 'X' GYP. BD. 2 SIDES TO STC 42

STC 47 W/ ACOUSTICAL BATT INSULATION





1 HOUR RATED

FIRE TEST: UL U419

SECTION @ TOP OF OPENING

- EXISTING CONSTRUCTION

— NEW FINISH TO BE FLUSH AND

- ONE LAYER 5/8" TYPE 'X' GYP.

BOARD BOTH SIDES OF GALV. 20 GAUGE MIN. METAL STUDS @ 16"

O.C. (VERIFY FRAMING SIZE W/

**EXISTING PARTITION) (2 LAYERS** 

TYPE 'X' GYP. BD. @ 2 HOUR; 3

ACOUSTICAL BATT INSULATION

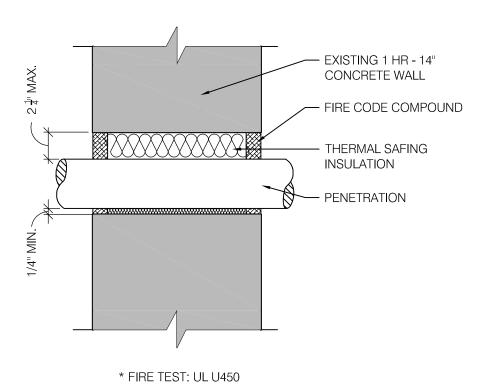
— SEAL WITH APPROVED FIRE

RESISTANT JOINT SYSTEM

LAYERS TYPE X' GYP. BD. @

3HOUR)

TAPED TO EXISTING



TYP. RATED PARTITION - PENETRATIONS SCALE: 1 1/2" = 1'-0"

#### PARTITION TYPE GENERAL NOTES:

- TYPICAL PARTITION CONDITIONS: ALL WALLS ARE TO BE NON-RATED AND OF TYPE C3 PARTITION ASSEMBLY, EXCEPT WHERE NOTED ELSEWHERE IN CONTRACT DOCUMENTS.
- REFER TO FLOOR PLANS, CODE PLANS, AND BUILDING DATA FOR FIRE RATING CONDITIONS AND LOCATION OF FIRE RESISTIVE CONSTRUCTION.
- DOUBLE STUDS: AT PERIMETER OF ALL OPENINGS WITH SPECIFIED OR NOTED DESIGN GAUGE.
- CHANNEL COLD ROLLED STEEL (CCRS): INSTALL LATERAL BRACING AT ALL PARTITIONS. PROVIDE TWO ROWS OF BRACING AT 4'-0" O.C. VERTICAL FOR PARTITIONS UP TO 13'-0" HIGH AND 4'-0" O.C. VERTICAL FOR PARTITIONS OVER 13'-0" HIGH.
- DIAGONAL BRACING: PROVIDE AT EACH JAMB STUD BRACED TO STRUCTURE ABOVE WHEN PARTITION HEIGHT EXCEEDS 13'-0" AFF.
- FULL HEIGHT PARTITIONS: EXTEND TO BOTTOM OF CONCRETE OR METAL DECK USING SLIP TRACK DEFLECTION HEAD ANCHORING SYSTEM FOR ALL PARTITIONS.
- PENETRATIONS IN FIRE AND SMOKE PARTITIONS" SEAL WITH ANA APPROVED THROUGH PENETRATION FIRE STOPPING SYSTEM.
- AT FIRE RATED PARTITION HEADS: INSTALL AN APPROVED FIRE RESISTANT JOINT SYSTEM.
- GYPSUM ASSOCIATION (G.A.) FIRE RESISTANT AND SOUND CONTROL DESIGN MANUAL: \* REFER TO 14TH EDITION FOR PARTITION ASSEMBLY DESCRIPTIONS \* DESIGN REQUIREMENTS, GAUGES AND STUD SPACING ARE LOCATED ON PARTITIONS DETAILS. \* FIRE RESISTANCE RATED PARTITION ASSEMBLY VALUES WERE TESTED WITHOUT INSULATION. \* SOUND TRANSMISSION CLASS (STC) VALUES WERE TESTED WITH THE BASIC FIRE RESISTANCE RATED PARTITION ASSEMBLY AND THE INDICATED INSULATION THICKNESS AND TYPE. \* INSULATION THICKNESS CAN VARY PER SOUND TRANSMISSION CLASS (STC) DESIGN CONSIDERATIONS WITHOUT AFFECTING THE FIRE RATED PARTITION ASSEMBLY VALUES, AS LONG AS
- MOISTURE RESISTANT GYPSUM WALL BOARD SHALL BE INSTALLED ON NON-RATED AND FIRE RESISTANCE RATED SYSTEMS IN AREAS OF LOW HUMIDITY AND LOW TO NORMAL WATER EXPOSURE RECEIVING CERAMIC TILE OR PAINT ABOVE TILE WAINSCOT. INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING AREAS:

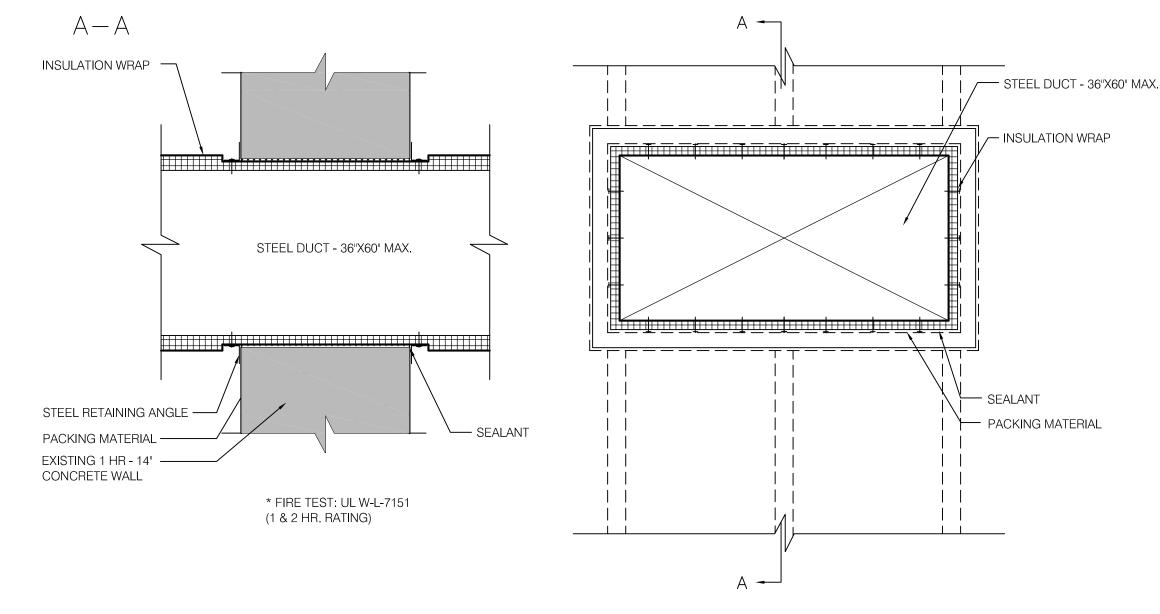
THE SOUND ATTENUATION BLANKET THICKNESS

DOES NOT EXCEED THE DEPTH OF THE STUD

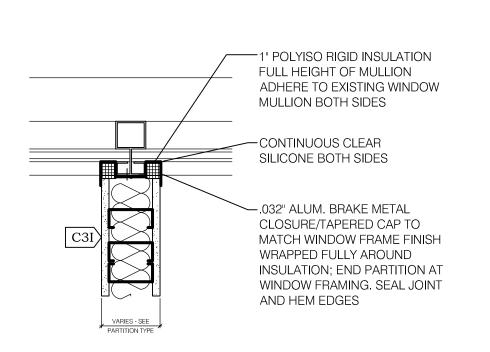
CAVITY.

TOILET ROOMS (NOT SHOWER OR TUB) NOURISHMENT PANTRY, KITCHENETTES, DELIVERY ROOM, LABORATORY, OPERATION ROOM, SOILED UTILITY, EXTERIOR WINDOW HEAD & JAMB RETURNS. WHEN FIRE OR SOUND RATINGS ARE REQUIRED, EXTEND MOISTURE RESISTANT GYPSUM BOARD DOWN TO FLOOR BEHIND FIXTURES TO MAINTAIN RATING. PROVIDE A SECOND LAYER OF MOISTURE RESISTANT GYPSUM BOARD FROM 4" ABOVE CEILING TO RIM OF FIXTURE IF REQUIRED FOR PROPER INSTALLATION OF FIXTURE.

- 11. CEMENTITIOUS BACKING BOARD: SHALL BE INSTALLED AS PART OF NON-RATED AND FIRE RATED SYSTEMS IN AREAS OF HIGH HUMIDITY AND HIGH WATER EXPOSURE RECEIVING CERAMIC TILE INCLUDING, BUT NOT LIMITED TO THE FOLLOWING
- SHOWER/DRYING AREAS, TUB ROOMS, HYDRO THERAPY ROOMS, MORGUES, DISH WASH AREAS, JANITOR CLOSETS, KITCHENS, CART WASH AREAS.
- WHERE FIRE OR SOUND RATINGS ARE REQUIRED, EXTEND CEMENTITIOUS BACKING BOARD FROM FLOOR TO 4" ABOVE CEILING. INSTALL 5/8" TYPE 'X' MOISTURE RESISTANT GYPSUM BOARD FROM CEILING TO DECK ABOVE. AT TUB, SHOWER BASE OR FLOOR SERVICE SINK, EXTEND CEMENTITIOUS BOARD FROM RIM OF FIXTURE TO 4" ABOVE CEILING. INSTALL 5/8" TYPE 'X' MOISTURE RESISTANT GYPSUM BOARD BACKING FROM FLOOR BEHIND FIXTURE TO DECK ABOVE TO MAINTAIN
- 12 ABUSE RESISTANT GYPSUM BOARD:INSTALL ABUSE RESISTANT GYPSUM BOARD FROM FLOOR TO CEILING WHERE INDICATED, INSTALL ON SIDE(S) OF PARTITION WITH PARTITION TYPE MARK(S).
- 13. GYPSUM BOARD, SOFFITS, AND CEILINGS: A. TYPICAL: 5/8" TYPE 'X' GYPSUM BOARD. B. LOW HUMIDITY AND LOW TO NORMAL WATER EXPOSURE:
  - 5/8" TYPE 'X' MOISTURE RESISTANT GYPSUM BOARD.
  - C. HIGH HUMIDITY AND HIGH WATER EXPOSURE: 5/8" TYPE 'X' EXTERIOR GYPSUM CEILING BOARD. JOINT TREATMENT TO BE LEVEL 5 WITH SETTING TYPE JOINT COMPOUND.
- 14. METAL TRIM: REFER TO WALL SECTIONS, REFLECTED CEILING PLAN AND SOFFIT DETAILS FOR METAL TRIM REQUIREMENTS. EXPOSED METAL OR NONMETALLIC J-MOLD IS <u>NOT</u> ACCEPTABLE.
- 15. BLOCKING: INSTALL FIRE TREATED WOOD BLOCKING, MIN. 2X6, WHERE SHOWN ON DETAILS, AND WHERE NOT SHOWN AT: CABINETS, SHELVING, HANDRAILS, EQUIPMENT MOUNTING PLATES, DOOR STOPS (WALL), TELEVISION BRACKETS. AT CONTRACTORS OPTION, CONTINUOUS 16 GA. X 8" WIDE REINFORCING MAY BE SUBSTITUTED AT HANDRAILS.
- 16. INSTALL 6 MIL POLYETHYLENE VAPOR BARRIER ON INTERIOR FACE OF STUDS OR FURRING AT EXTERIOR WALLS OR AS INDICATED IN PARTITION TYPE. REFER TO SECTIONS, DETAILS AN SPECIFICATIONS.
- 17. COLD FORMED METAL FRAMING FOR STUD GAUGES LOWER THAN 20 GA. UTILIZE COLD FORMED METAL FRAMING OF INDICATED GAUGE WITH 1%" WIDE FLANGES.







PARTITION DETAIL AT WINDOW MULLION

SCALE: 3'' = 1'-0''

#### NOTES:

- THESE DETAILS REPRESENT TYPICAL FIRESTOP/FIREPROOFING DETAILS THAT MAY OR MAY NOT BE USED ON THIS PROJECT. ACTUAL ASSEMBLIES REQUIRED TO BE DETERMINED AND VERIFIED IN FIELD BY CONTRACTOR
- $^2$ . THESE PLANS ARE INTENDED TO PROVIDE A BASIC GUIDE. IN THE EVENT OF CONFLICTS WITH CODE, CODE SHALL GOVERN
- . SCOPE OF WORK SHALL INCLUDE PATCH TO MATCH (PTM) OF ANY EXISTING RATED ASSEMBLIES WHICH ARE DISTURBED AS A RESULT OF CONSTRUCTION, FOUND TO BE DEFICIENT, OR IN ORDER TO MAINTAIN REQUIRED
- . THE DESIGN AND PERFORMANCE CRITERIA OF THESE UL RATED DETAILS ARE BASED ON BUT NOT LIMITED TO "CAFCO," "HILTI," AND "USG" MANUFACTURER INFORMATION. OTHER MANUFACTURERS MAY SUBMIT EVIDENCE OF COMPLIANCE WITH ALL PERFORMANCE CRITERIA SPECIFIED HEREIN
- . CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL ASSEMBLIES SHOWN ON DRAWING AND/OR LISTED IN SPECIFICATIONS
- 6. ALL WORK SHALL COMPLY WITH CURRENT CODES AND REGULATIONS



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**BID DOCUMENTS** 

CERTIFICATE OF AUTHORIZATION NUMBER: PROFESSIONAL ENGINEERING: 018281 LAND SURVEYING: 017976 GEOLOGICAL: 018750

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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**JORDAN HEALTH** 



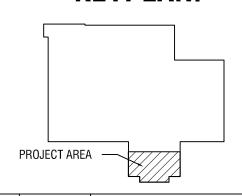
82 HOLLAND STREET, SUITE #100 ROCHESTER, NY 14605

**JORDAN HEALTH -**PHARMACY RELOCATION **CONSULTANTS:** 



**Engineering P.C.** 

**KEYPLAN:** 



DESCRIPTION: REVISIONS PROJECT NUMBER: 2223394 DRAWN BY:

TM REVIEWED BY: ISSUED FOR:

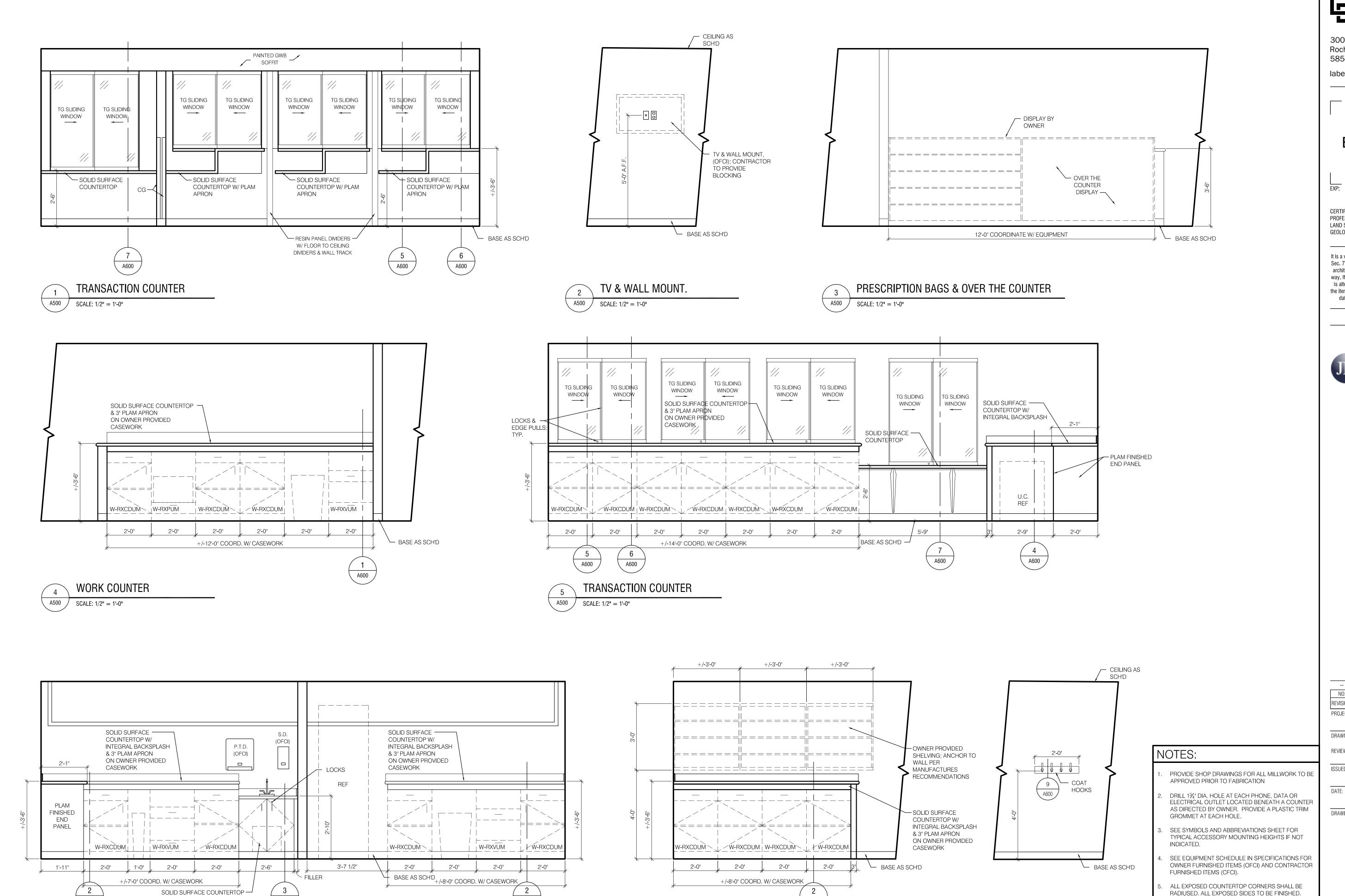
CONSTRUCTION DOCUMENTS DATE:

1/25/23

DRAWING NAME:

PARTITION TYPES &

**UL PENETRATION ASSEMBLIES** 



**UNPACKING COUNTER** 

SCALE: 1/2" = 1'-0"

A600

ON MILLWORK BASE CABINET

W/ EJECTOR PUMP; SEE

PLUMBING DRAWINGS

A600

A600

A500 / SCALE: 1/2'' = 1'-0''

**WORK COUNTER** 

300 State Street, Suite 201 Rochester, NY 14614 585-454-6110

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#### BID DOCUMENTS

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#### **JORDAN HEALTH**



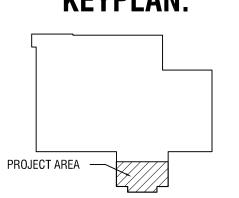
82 HOLLAND STREET, SUITE #100 ROCHESTER, NY 14605

JORDAN HEALTH -PHARMACY RELOCATION **CONSULTANTS:** 



**Engineering P.C.** 

## **KEYPLAN:**



NO:	DATE:	DESCRIPTION:			
REVISIONS					
PROJECT NUMBER:					
2223394					

DRAWN BY: REVIEWED BY:

ISSUED FOR: CONSTRUCTION DOCUMENTS

1/25/23

DRAWING NAME:

Drawing Number:

INTERIOR **ELEVATIONS** 

RADIUSED. ALL EXPOSED SIDES TO BE FINISHED.

ALL CABINETS AND DRAWERS TO RECEIVE LOCKS. PROVIDE COMMON KEY FOR SUITE.

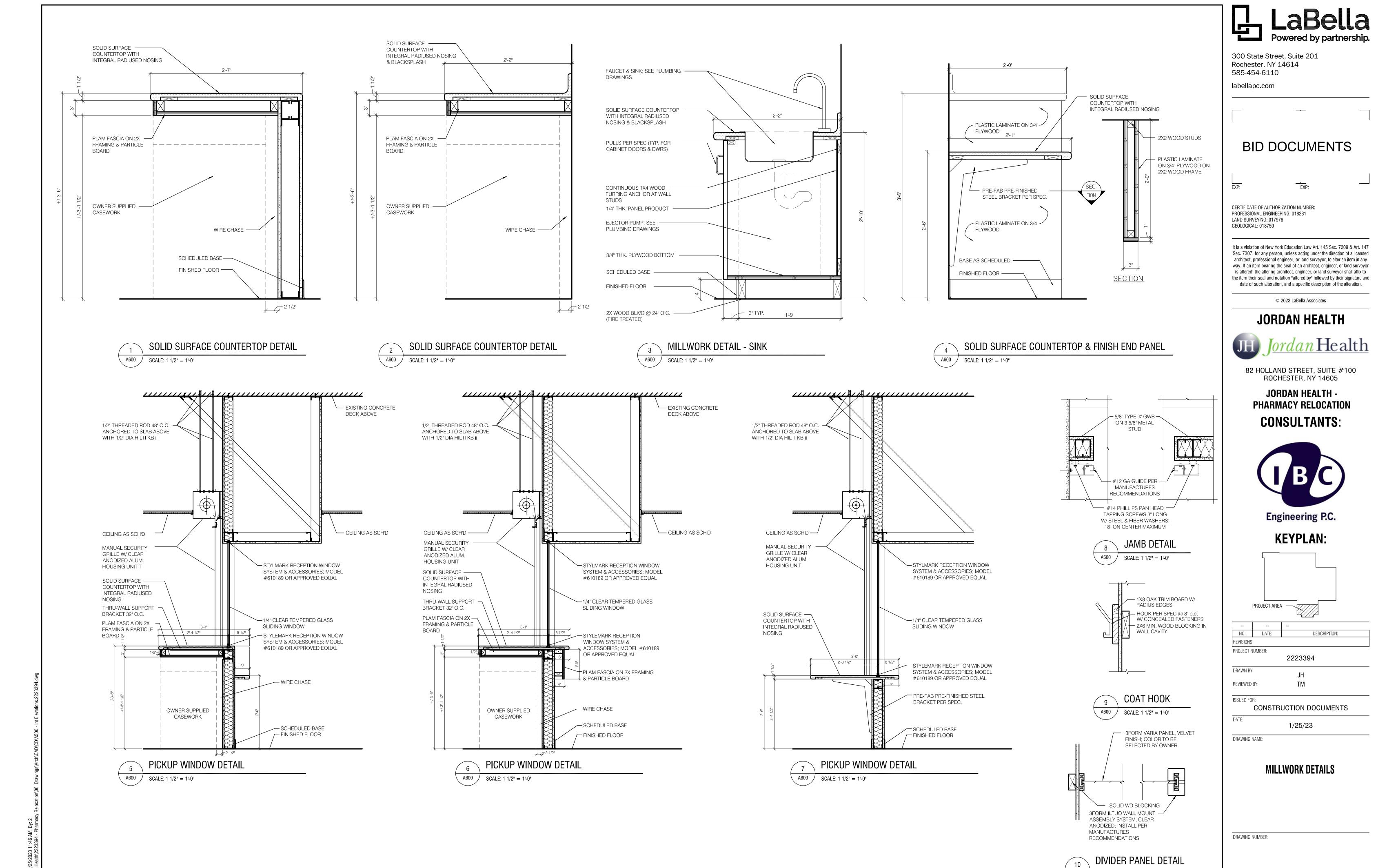
PROVIDE FTRD. BLOCKING WHERE REQ'D AT ALL MILLWORK & WALL MOUNTED ACCESSORIES

REFER TO FINISH DRAWINGS, SCHEDULES AND

SPECIFICATIONS FOR ADDITIONAL INFORMATION.

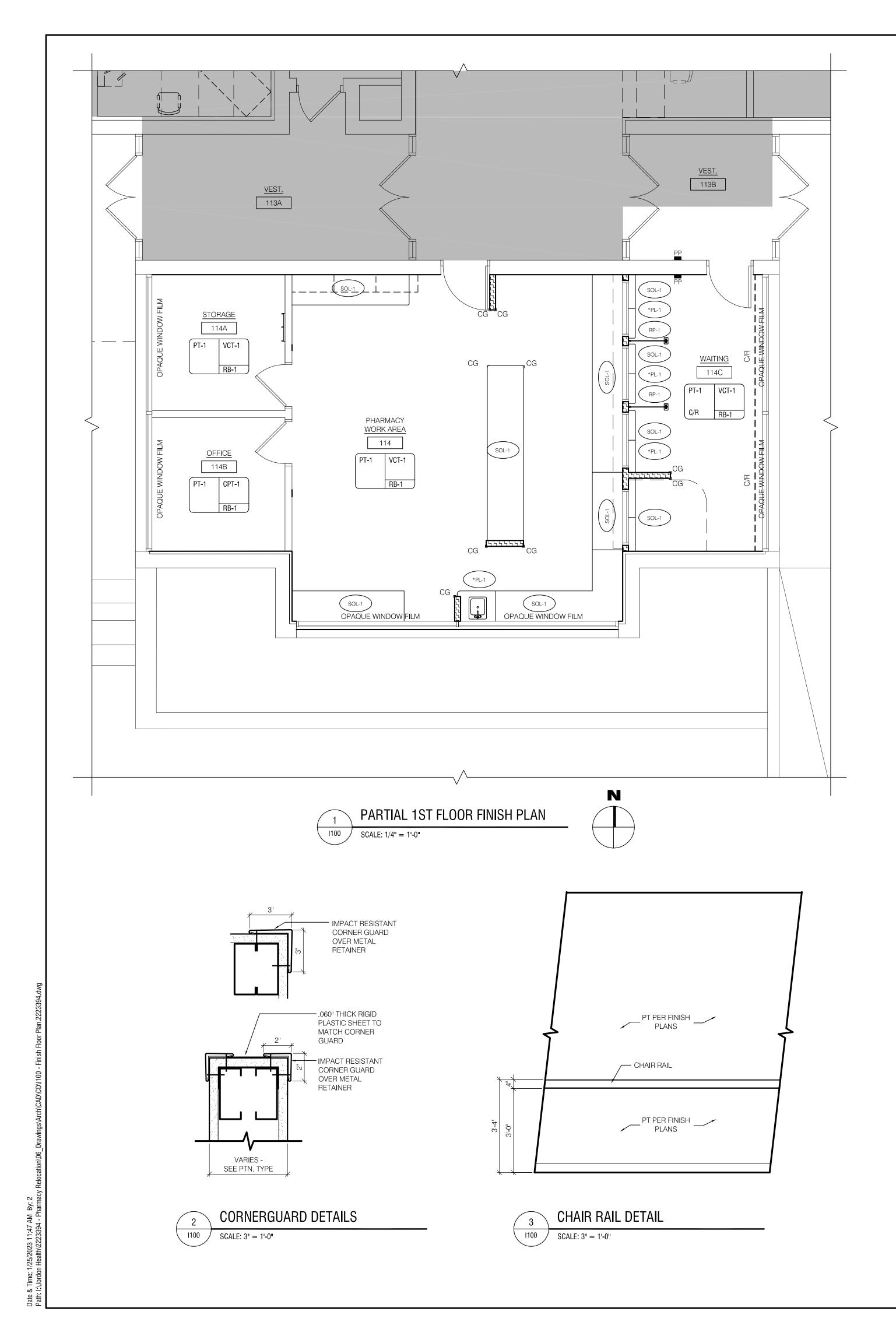
COORDINATE RACEWAY LOCATIONS WITH ELECTRICAL DRAWINGS

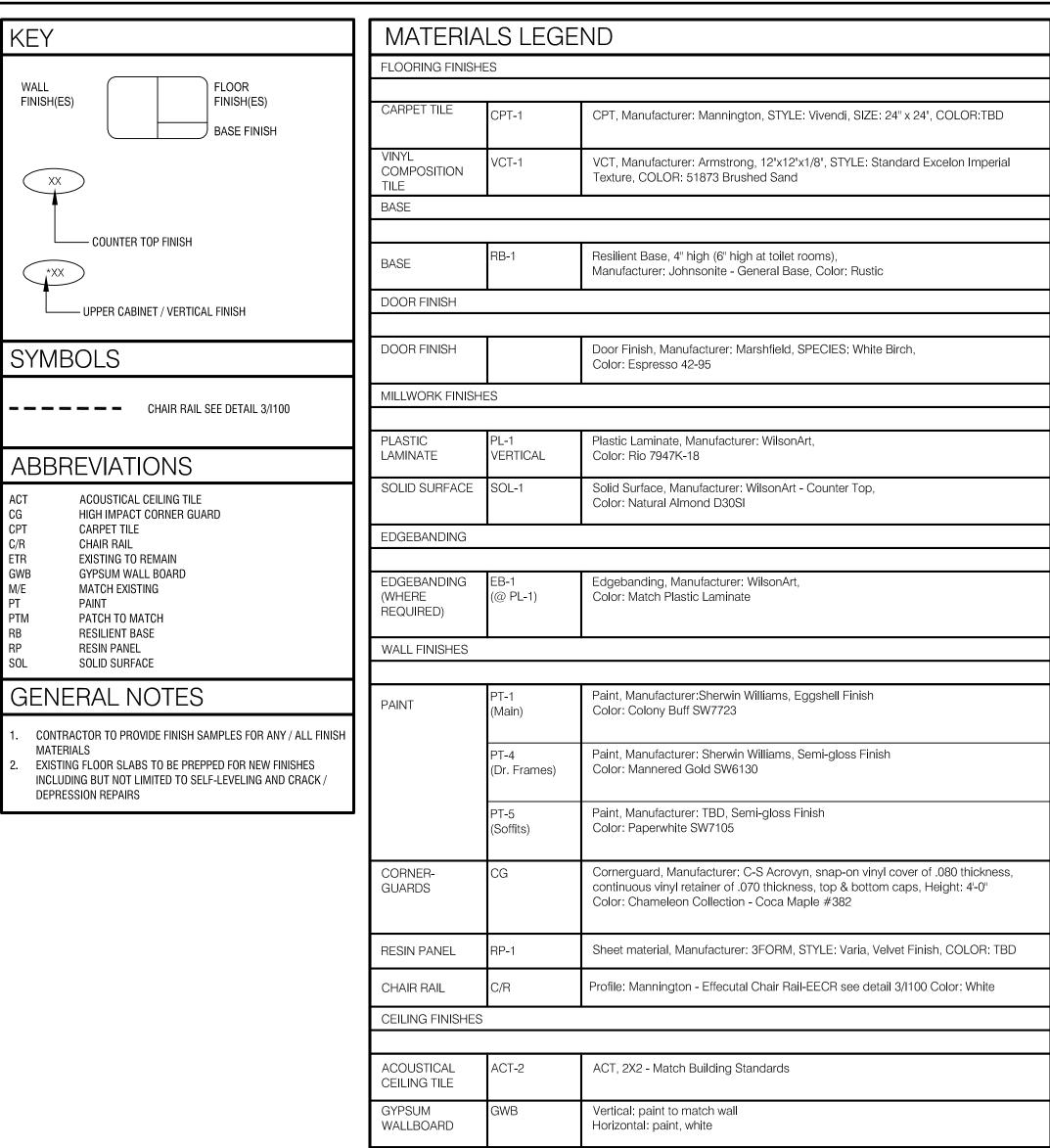
SCALE: 1/2'' = 1'-0''



A600

SCALE: 1 1/2" = 1'-0"







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BID DOCUMENTS

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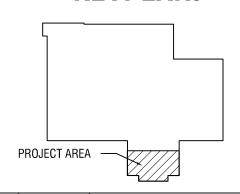
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JORDAN HEALTH - PHARMACY RELOCATION CONSULTANTS:



Engineering P.C.

**KEYPLAN**:



2223394
2223394
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JH
TM

CONSTRUCTION DOCUMENTS

DATE:

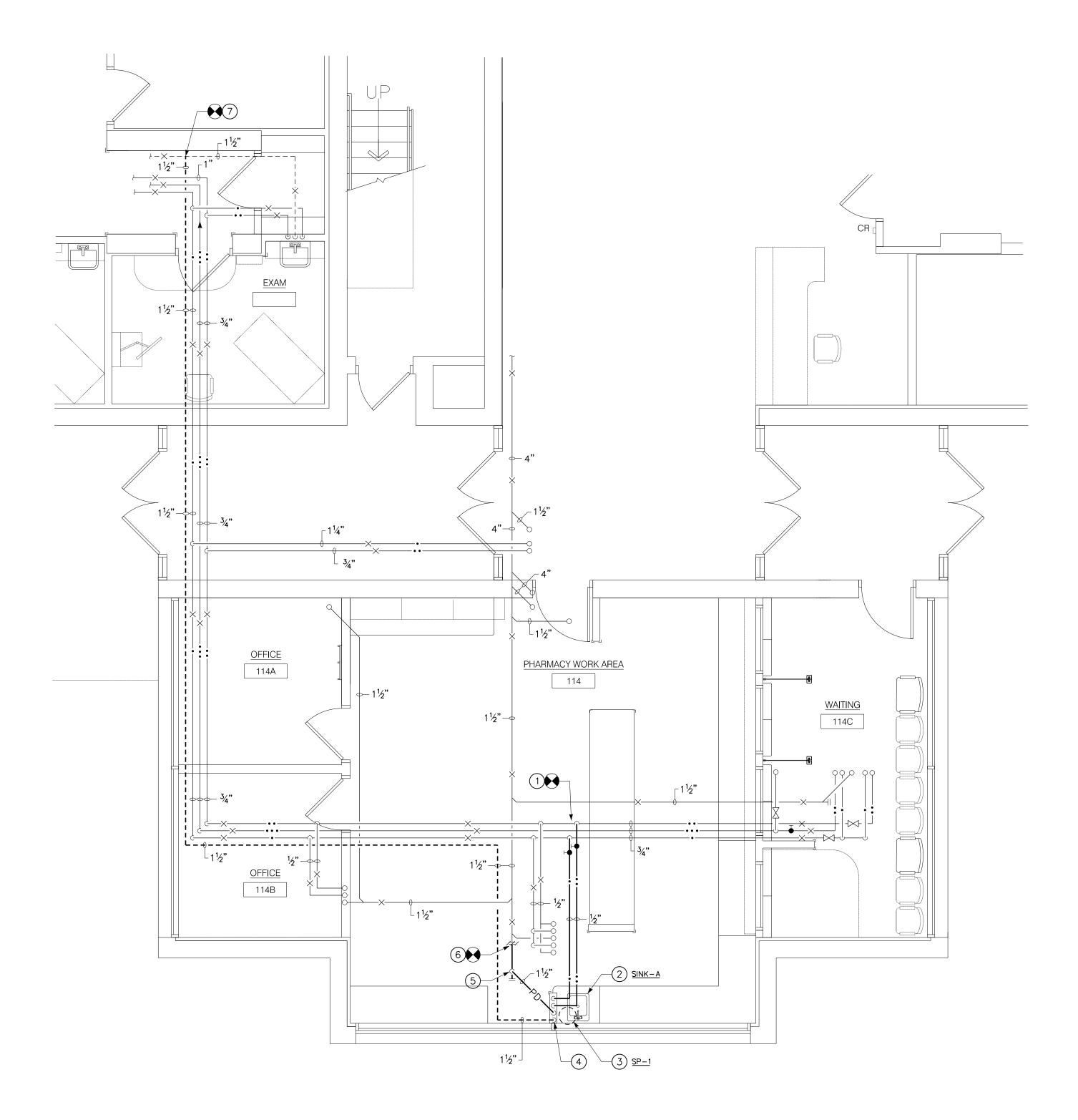
1/25/23

DRAWING NAME:

PARTIAL 1ST FLOOR -FINISH PLAN & DETAILS

DRAWING NUMBER:

1100



PARTIAL FIRST FLOOR PLAN - PLUMBING

 $\frac{1}{4}$ " = 1'-0"

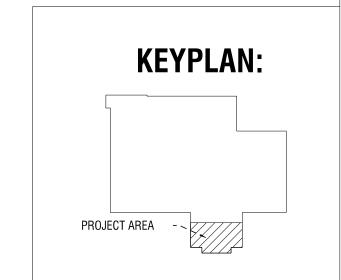
#### **GENERAL PLUMBING NOTES:**

- A. PIPING SHOWN ON THIS DRAWING IS BASED ON LIMITED RECORD DRAWINGS AND CONDITIONS VIEWED DURING FIELD INVESTIGATIONS. THE CONTRACTOR SHALL CONFIRM EXISTING PIPING AND SIZES. NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER OF SIGNIFICANT DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.
- B. DO NOT SHUT DOWN ANY PLUMBING, OR RELATED SYSTEM WITHOUT BUILDING OWNER'S PRIOR WRITTEN APPROVAL. FOLLOW ALL OWNER REQUIREMENTS AND SHUT DOWN PROCEDURES AS WELL AS ALL REQUIREMENTS OF THIS PROJECT.
- C. IF REQUIRED, PROVIDE SHUT DOWNS AND TIE—INS ON OFF HOURS TO AVOID DISRUPTION OF BUILDING SYSTEMS. COORDINATE ALL SHUT DOWN REQUIREMENTS PRIOR TO SUBMITTING BID (INCLUDE ALL WORK REQUIRED DURING OFF HOURS IN BID).
- D. DEMOLITION SHALL INCLUDE REMOVAL OF PIPING, HANGERS, RODS, INSULATION, SUPPORTS, VALVES AND RELATED WORK. DEMOLITION SHALL INCLUDE LEGAL DISPOSAL OF ALL ITEMS REMOVED.
- E. REMOVE AND REPLACE EXISTING CEILINGS AS REQUIRED FOR WORK SHOWN. REPLACE ALL DAMAGED CEILINGS; PROVIDE NEW CEILINGS. FIELD VERIFY CEILING TYPES AND EXTENT OF THIS WORK PRIOR TO BID DATE AND INCLUDE IT IN THE BID.
- F. PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES. OBTAIN ALL REQUIRED PERMITS.
- G. FIELD VERIFY EXACT LOCATION, COMPOSITION AND CONDITION OF ALL PIPING, VALVES AND SYSTEMS AS REQUIRED FOR WORK OF THE CONTRACT.
- H. PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH OWNER, ARCHITECT, ENGINEER AND GENERAL CONTRACTOR.
- I. REFER TO ARCHITECTURAL DRAWINGS AND THE PROJECT SPECIFICATIONS FOR PROJECT PHASING REQUIREMENTS.
- J. PITCH ALL SANITARY, WASTE AND PUMP DISCHARGE PIPING SHOWN ON THESE DRAWINGS AS FOLLOWS: PIPING 3" AND SMALLER, PITCH AT 2 PERCENT (1/4" PER FOOT) MINIMUM, PIPING 4" AND LARGER, PITCH AT 1 PERCENT (1/8" PER FOOT) MINIMUM.
- K. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE UPON THE DISCOVERY OF ANY DEAD LEGS OR DEAD ENDS IN THE DOMESTIC HOT WATER PIPING SYSTEM.
- L. ALL PIPING PENETRATIONS THROUGH RATED WALLS OR FLOORS OR CEILINGS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING'S PER SPECIFICATION. REFER TO THE CODE ANALYSIS DRAWINGS FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.

	PLUMBING S	YMBO	LS LIST
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
-XX-	EXISTING PIPING		DIRECTION OF FLOW
•	NEW TO EXISTING CONNECTION	o− c−	ELBOW UP, ELBOW DOWN
X	REMOVE TO THIS POINT		DROP CONNECTION
<del>/////</del>	WORK TO BE REMOVED	<b>ĕ</b> ⋈	SHUT OFF VALVE
	COLD WATER PIPING (C)	Ž	CHECK VALVE
_··-	HOT WATER PIPING (H)	$\otimes$	BALANCE VALVE
	HW RECIRCULATION PIPING (HWR)	SA-	SHOCK ABSORBER (SA)
	VENT PIPING (V)	∥ ↔	CLEANOUT (CO)
	STORM PIPING (ST)	0	FLOOR DRAIN (FD)
	SANITARY OR WASTE (SAN or W)	AFF	ABOVE FINISHED FLOOR
—ıw —	INDIRECT WASTE (IW)	ETR	EXISTING TO REMAIN
— PD —	PUMPED DISCHARGE (PD)	P.C.	PLUMBING CONTRACTOR
-	CAP OR PLUG	E.C.	ELECTRICAL CONTRACTOR
<b>-</b>   <b>-</b>	UNION	M.C.	MECHANICAL CONTRACTOR
∞ <del></del>	P-TRAP	G.C.	GENERAL CONTRACTOR

#### DRAWING NOTES:

- 1) PROVIDE  $\frac{1}{2}$ " H&C AND CONNECT TO EXISTING  $\frac{3}{4}$ " H&C.
- 2 PROVIDE SINK COMPLETE. PROVIDE WASTE FROM SINK TO DRAIN PUMP LOCATED IN CASEWORK.
- 3 PROVIDE SINK DRAIN PUMP (SP-1) IN CASEWORK. PROVIDE  $1\frac{1}{2}$ " PD FROM PUMP AND  $1\frac{1}{2}$ " VENT PIPING. COORDINATE WITH E.C. FOR POWER TO PUMP.
- (4) PROVIDE 1/2" H&C DOWN TO SINK. PROVIDE 11/2" PD AND 11/2" VENT UP.
- 5) PROVIDE 11/2" PD AND CONNECT TO TOP OF 11/2" SAN WITH WYE FITTING.
- 6 REMOVE EXISTING CLEANOUT. PROVIDE 11/2" SAN AND CONNECT TO EXISTING 11/2" SAN.
- 7) PROVIDE 11/2" VENT AND CONNECT TO EXISTING 11/2" VENT.





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#### **JORDAN HEALTH**



82 HOLLAND STREET, SUITE #200 ROCHESTER, NY 14605

JORDAN HEALTH - PHARMACY RELOCATION

#### **CONSULTANTS:**



Engineering, P.C.

BUFFALO • ROCHESTER

MECHANICAL • ELECTRICAL

COMMUNICATIONS

3445 Winton Place, Suite 219 Rochester, NY 14623 Phone: 585.292.1590 Fax: 585.292.1592 www.ibceng.com IBC #22128

NO:	DATE:	DESCRIPTION:
REVISIONS		
PROJECT N	UMBER:	
		2223394

DRAWN BY: REVIEWED BY:

ISSUED FOR:

CONSTRUCTION DOCUMENTS

DATE:

1/25/23

DRAWING NAME:

PARTIAL FIRST FLOOR PLAN -PLUMBING

DRAWING NUMBER:

P1.0

PIPING LE	GEND
SYMBOL	DESCRIPTION
₽тѕ	TEMPERATURE SWITCH
☐ AV	AUTOMATIC AIR VENT
‡ M∨	MANUAL AIR VENT
₽FS	FLOW SWITCH
₽PS	PRESSURE SWITCH
	THERMOMETER
Y	THERMOMETER/SENSOR PORT
Ч ©	PRESSURE GAUGE
S	AIR SEPERATOR
[	PIPE CAP OR PLUG
<del>-0-</del>	TEE - BOTTOM CONNECTION
<del>-</del>	TEE - TOP CONNECTION
<u>о</u> — с–	ELBOW - UP, DOWN
<u>                                       </u>	UNION
<del> </del>	SPOOL PIECE
<u>→</u>	REDUCER
$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	GATE VALVE
<u> </u>	BALL VALVE
ᅜ	BUTTERFLY VALVE
<u> </u>	BALANCE VALVE
   	CHECK VALVE
<u> </u>	GLOBE VALVE
$\bowtie_{TD}$	TRIPLE DUTY VALVE
<u></u>	PRESSURE RELIEF VALVE
<u>X</u> k	PRESSURE REDUCING VALVE
器	GENERAL 2-WAY CONTROL VALVE
丛	GENERAL 3-WAY CONTROL VALVE
	PNEUMATIC CONTROL VALVE (3-WAY)
<u>~~~</u>	PNEUMATIC CONTROL
E	VALVE (2-WAY)  ELECTRIC/ELECTRONIC
	VALVE 3-WAY ELECTRIC/ELECTRONIC
	VALVE 2-WAY STRAINER WITH BLOWDOWN
<u> </u>	PIPE GUIDE
<del>*</del>	PIPE ANCHOR - INTER.
₩	PIPE ANCHOR - MAIN
BT	BUCKET TRAP
BS	
	BASKET STRAINER
<b>-■</b> -	F&T TRAP
	METRAFLEX METRALOOP +/-3" FLEXIBLE CONNECTION
<u>∽∽</u> FC	
TAG #	INLINE PUMP WITH TAG
TAG *	BASE MTD PUMP WITH TAG
RPZ	BACKFLOW PREVENTER
— <u>SD</u> —	SUCTION DIFFUSER
<u> </u>	SCHRADER VALVE
Ŭ.	SOLENOID VALVE
₽ss	SUCTION TEMPERATURE SENSOR
FT-X	FIN RADIATION (TYPE)
W/W ENCL.	WALL TO WALL ENCLOSURE
RCP-X	RADIANT CEILING PANEL OR FIN RADIATION WALL TO WALL
RCP-X	RADIANT CEILING PANEL OR FIN RADIATION WALL TO WALL
NOI A	<u> </u>

DUCTWORK	K LEGEND
SYMBOL	DESCRIPTION
	DUCT SECTION - SUPPLY
	DUCT SECTION - RETURN
AB	WIDTH A x DEPTH B
<b>⊘</b> A"Ø	ROUND DUCT IN INCHES
AxB Ø	FLAT OVAL DUCT IN INCHES
	TRANS: SQUARE TO ROUND
	ACOUSTIC THERMAL LINING
	FLEXIBLE DUCTWORK
R	
- R → -	RISE IN DUCT
	DDOD IN DUCT
<b>D</b> →	DROP IN DUCT
-24×10 -12×8	SUPPLY/RETURN/ EXHAUST AIR TAKE-OFFS  SUPPLY/RETURN/ PARTITION 1 1/2 TIMES BRANCH SIZE 12x8
-24×10	SUPPLY/RETURN/ EXHAUST AIR TAKE-OFFS  TAKE-OFFS  TAKE-OFFS
-18" ø	SUPPLY AIR TAKE-OFFS ED TO TO TO THE
-18" ø	SUPPLY AIR TAKE-OFFS
,	LONG RADIUS 90° ELBOW R-W
,	LONG RADIUS R-W
→ (OR)	90° ELBOW WITH TURNING VANES
8×10 12×10 16×10 16×10 18×10	SUPPLY AIR TAKE-OFFS 18×10 8×10
7-24×10 	SUPPLY AIR TAKE-OFFS 18×10 8×10
COR> COR> COR> COR> COR> COR> COR> COR>	SUPPLY/RETURN/ EXHAUST IR TAKE-OFFS W/ REGISTER/GRILLE/ DIFFUSER
20×20 20×10	90° VERTICAL SPLIT OFF (PLAN VIEW) 20×20 20×10
	DUCT TURNING UP OR DOWN 20x12
	SUPPLY DIFFUSER, REGISTER OR GRILLE
	RETURN OR EXHAUST REGISTER OR GRILLE
DUCTMODE	CYMPOIS AND TACS
	SYMBOLS AND TAGS
SYMBOL	DESCRIPTION
	VOLUME DAMPER
—— SD	SMOKE DAMPER
—— FD	FIRE DAMPER
—— FSD	COMBINATION FIRE AND SMOKE DAMPER
—— AAD	AUTOMATIC AIR DAMPER
—— BRD	BAROMETRIC RELIEF DAMPER
—— AFS	AIRFLOW MEASURING STATION
BDD	BACKDRAFT DAMPER
— — FC	FLEX CONNECTOR
<b>-</b> √- <b>&gt;</b>	AIRFLOW DIRECTION
(CCD)	DUCT SMOKE DETECTOR
(DSD)	
OR	AIR TERMINAL UNIT
	A = AHU No.
T-A-B	B = TAG No.
MAX	FAN POWERED AIR TERMINAL UNIT

MAX = PRIMARY MAX. CFM

MIN. = PRIMARY MIN. CFM

|FAN = FAN CFM

DUCT ELEVATION

ABBRE V	/IATIONS AND TAGS
SYMBOL	
мвн	THOUSAND BTU/HOUR
CFM	CUBIC FEET PER MINUTE
FPM	FEET PER MINUTE
AD	ACCESS DOOR
(E)	EXISTING
AFF	ABOVE FINISHED FLOOR
NTS	NOT TO SCALE
GC	GENERAL CONTRACTOR
PC EC	PLUMBING CONTRACTOR  ELECTRICAL CONTRACTOR
SR	STEAM RISER
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
LP	LAST POSITION
VD	VOLUME DAMPER
EA	EXHAUST AIR
OA	OUTSIDE AIR
RA	RETURN AIR
SA SF	SUPPLY AIR SUPPLY AIR FAN
RF	RETURN AIR FAN
EF	EXHAUST AIR FAN
CMS	COMBINATION MOTOR STARTER
R	DUCT RISE
D	DUCT DROP
RGD'S	REGISTERS, GRILLES, DIFFUSERS
MAN	MANUAL MOTOR STARTER W/ RELAY
	REMOVAL KEYNOTE
$\cup$	INSTALLATION KEYNOTE
111111	REMOVALS
PIPING	ABBREVIATIONS
SYMBOL	DESCRIPTION
- HPS —	HIGH PRESSURE STEAM
-MPS-	MEDIUM PRESSURE STEAM
	LOW PRESSURE STEAM
	HIGH PRESSURE CONDENSATE
	LOW PRESSURE CONDENSATE
	LOW PRESSURE CONDENSATE BOILER BLOW DOWN
	PUMPED CONDENSATE
	MAKE UP WATER
- ATV —	ATMOSPHERIC VENT
-FOD —	FUEL OIL DISCHARGE
	FUEL OIL GAGE
	FUEL OIL SUCTION
	FUEL OIL RETURN FUEL OIL VENT
	HOT WATER SUPPLY
	HOT WATER RETURN
— A —	COMPRESSED AIR
-VAC —	VACUUM
	REFRIGERANT DISCHARGE
	REFRIGERANT SUCTION
- RL	
	REFRIGERANT HOT GAS CONDENSER WATER SUPPLY
<u>— С —</u> — СR —	
-CWS-	
-CWR-	
-FILL—	
— н —	
— D —	
	HOT/CHILLED WATER SUPPLY
-HCR— ·HPWS—	HOT/CHILLED WATER RETURN HEAT PUMP WATER SUPPLY
·HPWR-	
- NG	
-vc-	VACUUM CONDENSATE
. •	VACOOM CONDENSATE
	HIGH PRESSURE STEAM
IPS(CS)	
IPS(CS)	HIGH PRESSURE STEAM (CLEAN STEAM) HIGH PRESSURE CONDENSATE (CLEAN STEAM)
IPS(CS)	HIGH PRESSURE STEAM (CLEAN STEAM) HIGH PRESSURE CONDENSATE
HPS(CS) HPC(CS) LPS(CS)	HIGH PRESSURE STEAM (CLEAN STEAM)  HIGH PRESSURE CONDENSATE (CLEAN STEAM)  LOW PRESSURE STEAM (CLEAN STEAM)  LOW PRESSURE CONDENSATE
HPS(CS) HPC(CS) LPS(CS) LPC(CS)	HIGH PRESSURE STEAM (CLEAN STEAM) HIGH PRESSURE CONDENSATE (CLEAN STEAM) LOW PRESSURE STEAM (CLEAN STEAM) LOW PRESSURE CONDENSATE (CLEAN STEAM)
HPS(CS) HPC(CS) LPS(CS)	HIGH PRESSURE STEAM (CLEAN STEAM)  HIGH PRESSURE CONDENSATE (CLEAN STEAM)  LOW PRESSURE STEAM (CLEAN STEAM)  LOW PRESSURE CONDENSATE
HPS(CS) HPC(CS) LPS(CS) LPC(CS)	HIGH PRESSURE STEAM (CLEAN STEAM) HIGH PRESSURE CONDENSATE (CLEAN STEAM) LOW PRESSURE STEAM (CLEAN STEAM) LOW PRESSURE CONDENSATE (CLEAN STEAM)
HPS(CS) HPC(CS)  PS(CS)  HGS  HGR  CGS	HIGH PRESSURE STEAM (CLEAN STEAM) HIGH PRESSURE CONDENSATE (CLEAN STEAM) LOW PRESSURE STEAM (CLEAN STEAM) LOW PRESSURE CONDENSATE (CLEAN STEAM) HOT GLYCOL SUPPLY HOT GLYCOL RETURN
HPS(CS) HPC(CS)  PC(CS) HGS HGR CGS (TYPE)	HIGH PRESSURE STEAM (CLEAN STEAM)  HIGH PRESSURE CONDENSATE (CLEAN STEAM)  LOW PRESSURE STEAM (CLEAN STEAM)  LOW PRESSURE CONDENSATE (CLEAN STEAM)  HOT GLYCOL SUPPLY  HOT GLYCOL RETURN  CHILLED GLYCOL SUPPLY (% TYPE)
HPS(CS) HPC(CS)  PS(CS)  HGS  HGR  CGS  (TYPE)  CGR (TYPE)	HIGH PRESSURE STEAM (CLEAN STEAM)  HIGH PRESSURE CONDENSATE (CLEAN STEAM)  LOW PRESSURE STEAM (CLEAN STEAM)  LOW PRESSURE CONDENSATE (CLEAN STEAM)  HOT GLYCOL SUPPLY  HOT GLYCOL RETURN  CHILLED GLYCOL RETURN (% TYPE)
HPS(CS) HPC(CS)  PS(CS)  HGS  HGR  CGS  (TYPE)  CGR (TYPE)  SW —	HIGH PRESSURE STEAM (CLEAN STEAM) HIGH PRESSURE CONDENSATE (CLEAN STEAM) LOW PRESSURE STEAM (CLEAN STEAM) LOW PRESSURE CONDENSATE (CLEAN STEAM) HOT GLYCOL SUPPLY HOT GLYCOL RETURN  CHILLED GLYCOL SUPPLY (% TYPE)  CHILLED GLYCOL RETURN (% TYPE)  SOFTEN WATER
HPS(CS) HPC(CS)  PC(CS) HGS HGR CGS (TYPE)	HIGH PRESSURE STEAM (CLEAN STEAM)  HIGH PRESSURE CONDENSATE (CLEAN STEAM)  LOW PRESSURE STEAM (CLEAN STEAM)  LOW PRESSURE CONDENSATE (CLEAN STEAM)  HOT GLYCOL SUPPLY  HOT GLYCOL RETURN  CHILLED GLYCOL RETURN (% TYPE)

- ECS - ENGINE COOLANT SUPPLY

- ECR - ENGINE COOLANT RETURN

- STV - STEAM VENT

----- DOMESTIC HOT WATER RECIRC

	/SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	7 [	
BI	BINARY INPUT (GENERAL)	SM	SENSOR - MOISTURE
ВО	BINARY OUTPUT (GENERAL)	MS	MOTOR STARTER
Al	ANALOG INPUT (GENERAL)	COM	NETWORK COMMUNICATIONS INTERFACE POINT, BACKNET, MSTP
AO	ANALOG OUTPUT (GENERAL)	MOD	MODULATING
A	ALARM	SC	SPEED CONTROL
(s)	STATUS	OL OL	DEMAND LIMITING
	FLOW SWITCH	VSD	VARIABLE SPEED DRIVE
	DIFFERENTIAL STATIC	ECM	EC MOTOR
(DP)	PRESSURE SWITCH	MB	VSD MANUAL BYPASS
R	RELAY	S	SPACE TEMPERATURE SENSOR
	PROBE SENSOR (DUCT)	(OS)	OCCUPANCY SENSOR
WFS	WATER FLOW SWITCH	Н	SPACE HUMIDITY SENSOR
	THERMO WELL	P	SPACE DIFFERENTIAL PRESSURE SENSOR
믑	PNEUMATIC ACTUATOR	T	THERMOSTAT
J		T <sub>G</sub>	THERMOSTAT WITH GUARD
}	AVERAGING SENSOR	CO2	CARBON DIOXIDE OR DCV SENSOR
F		DSD	DUCT SMOKE DETECTOR
	AIR FLOW SENSOR		CONTROL VALVE - 2 WAY
E	ELECTRIC ACTUATOR		CONTROL VALVE - 3 WAY
P	PNEUMATIC ACTUATOR		
		┥	

FAN OR BASE MOUNTED PUMP

IN LINE PUMP

COOLING COIL

HEATING COIL

GAS BURNER

FILTER

OR RELAY

OPEN/CLOSE

START/STOP

ENABLE/DISABLE

OR PIPE MOUNTED)

FLOW TRANSMITTER

ELECTRIC/PNEUMATIC TRANSDUCER

ELECTRONIC/ELECTRIC TRANSDUCER

ELECTRICAL INTERFACE

AUTOMATIC AIR DAMPER

AUTOMATIC AIR DAMPER (OPPOSED BLADE)

HUMIDIFIER DISPERSIAN GRID/TUBE

(PARALLEL BLADE)

MAIN CONTROL AIR

(TEMP. CONTROL)

END SWITCH

HUMIDIFIER

FLOW METER

CARBON DIOXIDE TRANSMITTER

OXYGEN SENSOR

FREEZE-STAT

~~~~

ES

HUMIDITY SENSOR (DUCT MOUNTED)

HOT GAS REHEAT COIL

ELECTRIC/PNEUMATIC SWITCH

PNEUMATIC/ELECTRIC SWITCH

TEMPERATURE SENSOR (DUCT

STATIC PRESSURE TRANSMITTER

CURRENT TRANSDUCER

COOLING COIL (DIRECT EXPANSION)

## GENERAL NOTES

EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS. NO ALLOWANCE WILL BE MADE FOR ADDITIONAL COSTS DUE TO CONTRACTORS FAILURE TO VERIFY EXISTING CONDITIONS AND DIMENSIONS. DAMAGE TO EXISTING SYSTEMS (EQUIPMENT, PIPING, DUCTWORK, CONTROLS AND ACCESSORIES) SHOWN TO REMAIN AS A RESULT OF THE CONTRACTORS WORK IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND/OR REPLACE WITH SIMILAR OR LIKE MATERIALS AT NO ADDITIONAL COST TO THE OWNER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF ALL DEMOLITION DEBRIS AND MATERIALS OFF SITE IN A PROPER LEGAL MANNER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE STORAGE OF ALL MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATIONS. ANY CEILING SYSTEM COMPONENT DAMAGED DURING DEMOLITION, STORAGE OR REINSTALLATION SHALL BE REPLACED WITH NEW AT NO EXPENSE TO THE OWNER. THE DEMOLITION DRAWINGS SHOW IN GENERAL MAJOR EQUIPMENT, PIPING AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, AND CONTROL PNEUMATIC TUBING AND ACCESSORIES TO BE DISCONNECTED AND REMOVED BUT IS THE REQUIREMENTS UNDER THIS CONTRACT. NO EQUIPMENT, PIPING OR DUCTWORK SHALL BE ABANDONED IN PLACE UNLESS OTHERWISE NOTED ON THE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ALLOW THE OWNER FIRST RIGHT OF REFUSAL TO RETAIN EQUIPMENT, INCLUDING CONTROL DEVICES, TO BE REMOVED. IF THE OWNER REFUSES TO RETAINING EQUIPMENT TO BE REMOVED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DISCONNECT AND REMOVE EQUIPMENT AND DISPOSE OF PROPERLY. IF THE OWNER PREFERS TO RETAIN THE EQUIPMENT, THE CONTRACTOR SHALL DISCONNECT AND REMOVE THE EQUIPMENT FROM THE EXISTING SYSTEMS IN GOOD WORKING CONDITION AND DELIVER (INCLUDING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY FOR STORAGE. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.

EXISTING TEMPERATURE CONTROL EQUIPMENT, ACCESSORIES, PNEUMATIC TUBING, WIRING OR CONDUIT THAT WILL NOT BE UTILIZED FOR THE INSTALLATION OR OPERATION OF THE NEW TEMPERATURE CONTROL SYSTEM SHALL BE DISCONNECTED AND REMOVED. NO EQUIPMENT, ACCESSORIES, PNEUMATIC TUBING, WIRING OR CONDUIT SHALL BE ABANDONED IN PLACE. WHERE TEMPERATURE CONTROL DEVICES, TUBING OR WIRING ARE BEING REMOVED AT DUCTWORK OR AIR HANDLING EQUIPMENT, THE PENETRATION WITHIN THE DUCTWORK OR AIR HANDLING UNIT ENCLOSURES SHALL BE SEALED AIR TIGHT. ALL REMOVED TEMPERATURE CONTROL SYSTEMS AND THEIR ASSOCIATED POINTS TO BE DOCUMENTED IN REPORT FORMAT AND COPIES DISTRIBUTED TO THE OWNERS FACILITIES DEPARTMENT AND COPIES TO THE PROJECT AND PLANNING MANAGER AND ENGINEER. ALL NEW PENETRATIONS THROUGH WALLS, FLOORS AND ROOFS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, DUCTWORK, PIPING, ETC. ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE FIRE/SMOKE STOPPED. ALL PENETRATIONS THROUGH NON RATED WALLS SHALL BE SEALED WITH A NON —HARDENING SEALANT ON BOTH SIDES OF WALL PENETRATION TO REDUCE NOISE TRANSMISSION.

IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS OR DRAINS FOR THE INSTALLATION OF THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR PREVENTING PROPER OPERATION OF THE SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS WITHIN THE PIPING SYSTEMS TO FACILITATE DRAINING OF THE SYSTEM COMPLETELY. THE DUCTWORK SIZES AND TYPES (ROUND, RECTANGULAR AND FLAT OVAL) WERE SELECTED FOR SPACE LIMITATION WITHIN THE RENOVATED AREA. IN ADDITION, THE DUCTWORK SIZES AND TYPES WERE CHOSEN TO ALLOW SPACE ABOVE THE CEILINGS FOR FUTURE DUCTWORK, PIPING AND/OR CONDUIT. IT IS NOT ACCEPTABLE FOR THE CONTRACTOR TO CHANGE THE SIZE OR TYPE OF DUCTWORK FOR BIDDING OR INSTALLATION UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND DOCUMENT THE OPERATION OF EXISTING HVAC SYSTEMS SERVING RENOVATED AREAS AND SYSTEMS THAT MIGHT EXTEND OUTSIDE OF THE RENOVATED AREA TO PREVENT THE POSSIBILITY OF DAMAGE OR INTERRUPTION OF EXISTING SYSTEMS WHILE PERFORMING DEMOLITION WORK. DUCTWORK, PIPING AND TEMPERATURE CONTROL SYSTEMS SHALL BE FULLY INVESTIGATED BEFORE DISCONNECTING OF SYSTEMS TO AVOID INTERRUPTING AREAS OR SYSTEMS OUTSIDE THE INTENDED SCOPE. THE CONTRACTOR SHALL REVIEW ALL SHUT DOWNS AND DEMOLITION REQUIREMENTS WITH THE OWNER'S FACILITY PERSONNEL IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL SHUTDOWNS OF AIR HANDLING, CHILLED WATER, HOT WATER, STEAM, ECT. SYSTEMS WITH THE OWNER'S FACILITY PERSONNEL FOR TIE —IN CONNECTIONS. ALL SHUT DOWNS WILL OCCUR DURING NIGHTS OR WEEKENDS. THE CONTRACTOR SHALL ASSIST THE OWNER'S FACILITY PERSONNEL IN SHUTTING DOWN, DRAINING, VENTING, ECT. OF SYSTEM TO FACILITATE THE INTENDED WORK.

IT IS THE REQUIREMENT OF THE PROJECT THE CONSTRUCTION WORK BE PHASED TO FACILITATE MINIMUM IMPACT TO THE NORMAL OPERATION OF THE FACILITY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO THOROUGHLY REVIEW THE GENERAL CONDITIONS AND THE ARCHITECTURAL BID DOCUMENTS FOR THE PHASING REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR ALL TEMPORARY SERVICES (SUPPLY AIR, RETURN AIR, EXHAUST AIR, CHILLED WATER, HOT WATER, STEAM, CONDENSATE, AND CONTROL SYSTEMS) TO FACILITY PHASING REQUIREMENTS WITHOUT INTERRUPTION OF THE HVAC SYSTEMS. ALL NEW PENETRATIONS THROUGH WALLS, FLOORS AND ROOFS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER PRIOR TO MAKING PENETRATION. ALL PENETRATION SHALL BE PROVIDED IN STRICT ACCORDANCE OF THE STRUCTURAL ENGINEERING'S RECOMMENDATIONS.

THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FIVE DUCTWORK DIAMETERS OF STRAIGHT DUCT UPSTREAM OF ALL AIR TERMINAL UNITS FOR PROPER FLOW MEASURING AT FLOW SENSOR. A MINIMUM OF 1'-6" SHALL BE PROVIDED IN FRONT OF CONTROL ACCESS ENCLOSURES AT ALL TERMINAL UNITS. NO PIPING OR CONDUIT SHALL BE DIRECTLY INSTALLED BELOW AIR TERMINAL UNIT ACCESS ENCLOSURES THAT WILL PROHIBIT ACCESS UP TO THE CONTROL ENCLOSURE. THE CONTRACTOR SHALL COORDINATE THESE REQUIREMENTS WITH ALL OTHER CONTRACTORS ON THE PROJECT. IF PROPER SERVICE ACCESS IS NOT MAINTAINED BECAUSE OF COORDINATION, THE CONTRACTOR SHALL RELOCATE OBSTRUCTIONS AT NO ADDITIONAL COST TO THE OWNER. PROVIDE A VOLUME DAMPER AT EACH DIFFUSER AND GRILLE FOR PROPER BALANCING REGARDLESS IF SHOWN ON DRAWINGS. ALL VOLUME DAMPERS SHALL BE A MINIMUM OF 6'-0" FROM DIFFUSER OR GRILLE CONNECTION. IF FLEXIBLE DUCTWORK IS UTILIZED FOR FINAL CONNECTION AT GRILLES, THE CROSS-SECTIONAL AREA OF THE FLEXIBLE DUCTWORK SHALL NOT BE LESS THAN THE CROSS-SECTIONAL AREA OF THE GRILLE NECK.

BEFORE DISCONNECTING, REMOVING OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT, PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION ACT (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING ALL WORK SHALL BE CERTIFIED BY AN EPA— APPROVED CERTIFYING AGENCY OR ORGANIZATION.

THE CONTRACTOR SHALL PROVIDE MINIMUM 16x16 ACCESS DOORS WITHIN GYPSUM CEILINGS, GYPSUM WALLS AND MASONRY WALLS AT FIRE DAMPERS, SMOKE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS TO ALLOW FULL ACCESS TO DUCTWORK MOUNTED ACCESS DOORS FOR SERVICING THE DAMPERS. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR CEILING AND WALL CONSTRUCTION TYPES AND RATING REQUIREMENTS FOR SELECTION OF ACCESS DOOR TYPES. REFER TO SPECIFICATIONS FOR ACCESS DOOR REQUIREMENTS. AT SMOKE DAMPER AND COMBINATION FIRE/SMOKE DAMPER INSTALLATIONS, THE CONTRACTOR SHALL PROVIDE A MINIMUM 16x16 ACCESS DOOR AT THE DUCT MOUNTED SMOKE DETECTORS. PRIOR TO DEMOLITION OF ANY HVAC EQUIPMENT, REMOVE ALL ASSOCIATED CONTROLS. WHICH INCLUDES REMOVAL OF CONTROLLERS, CONTROL WIRING BACK TO SOURCE, DEPROGRAMMING OF ALL CONTROL POINTS AND GRAPHICAL USER INTERFACE ASSOCIATED WITH THESE DEVICES FROM THE SYSTEM. PROVIDE ALL WORK REQUIRED TO MAINTAIN CONTINUITY OF EXISTING COMMUNICATION NETWORKS FOR REMAINING CONTROL DEVICES. COORDINATE ALL CONTROL DISCONNECT WORK WITH HOSPITAL FACILITIES.

COORDINATE ALL SHUT DOWNS WITH OWNER PRIOR TO CONSTRUCTION. PROVIDE OWNER WITH SHUTDOWN LIST AND INCLUDE ANTICIPATED SHUTDOWNS (WITH DURATION) IN PROJECT SCHEDULE. ALL SHUTDOWNS AND WORK ASSOCIATED SHOULD BE PERFORMED DURING OFF HOURS/OVERNIGHTS.

#### **COIL SCHEDULE - HOT WATER** AIRFLOW CAP FLOW WPD EWT LWT EAT LAT FACE VEL. APD ROWS FPI DIMENSIONS (IN) WIDTH HEIGHT AREA SERVED (MBH) (GPM) (FT) (°F) (°F) (°F) (°F) ((FPM) DESIGN EQUIPMENT REMARKS 24.7 | 1.30 | 1.00 | 180.0 | 140.0 | 55.0 | 87.5 | 509 0.10 2 **HEATCRAFT** RHC-01 PHARMACY RHC-02 WAITING 15.1 | 0.80 | 0.40 | 180.0 | 140.0 | 55.0 | 90.0 | 457 0.07 2 **HEATCRAFT** RHC-03 OFFICE/STORAGE 16.1 0.85 0.40 180.0 140.0 55.0 90.0 486 0.09 2 **HEATCRAFT**

|       | HEATING CAPACITY    | EWT   | LWT   | FLOW  | WPD  | DIMENSI | ONS (IN) |           |           |       | ***              |         |
|-------|---------------------|-------|-------|-------|------|---------|----------|-----------|-----------|-------|------------------|---------|
| TAG   | BTU/H / LINEAR FOOT | (°F)  | (°F)  | (GPM) | (FT) | WIDTH   | LENGTH   | TUBE DIA. | PASS QTY. | COLOR | DESIGN EQUIPMENT | REMARKS |
| RCP-A | 229                 | 180.0 | 140.0 | 0.5   | 0.5  | 12      | W/W      | 0.625     | 4         | WHITE | STERLING         | 1       |

#### **REMARKS**

1. PANEL SHALL BE WALL TO WALL, PROVIDE ALL TRIM PIECES AS REQURIED TO PROVIDE CONTINUOUS APPEARANCE.

| REG | ISTER, GRI | LLE AND DIFF | USER SCHEE   | DULE             |         |
|-----|------------|--------------|--------------|------------------|---------|
| 'AG | TYPE       | MATERIAL     | FINISH/COLOR | DESIGN EQUIPMENT | REMARKS |
|     | SUPPLY     | ALUMINUM     | WHITE        | TITUS OMNI -AA   |         |
|     | RETURN     | ALUMINUM     | WHITE        | TITUS 355 FL     |         |



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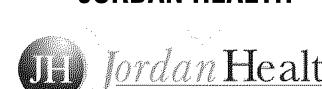
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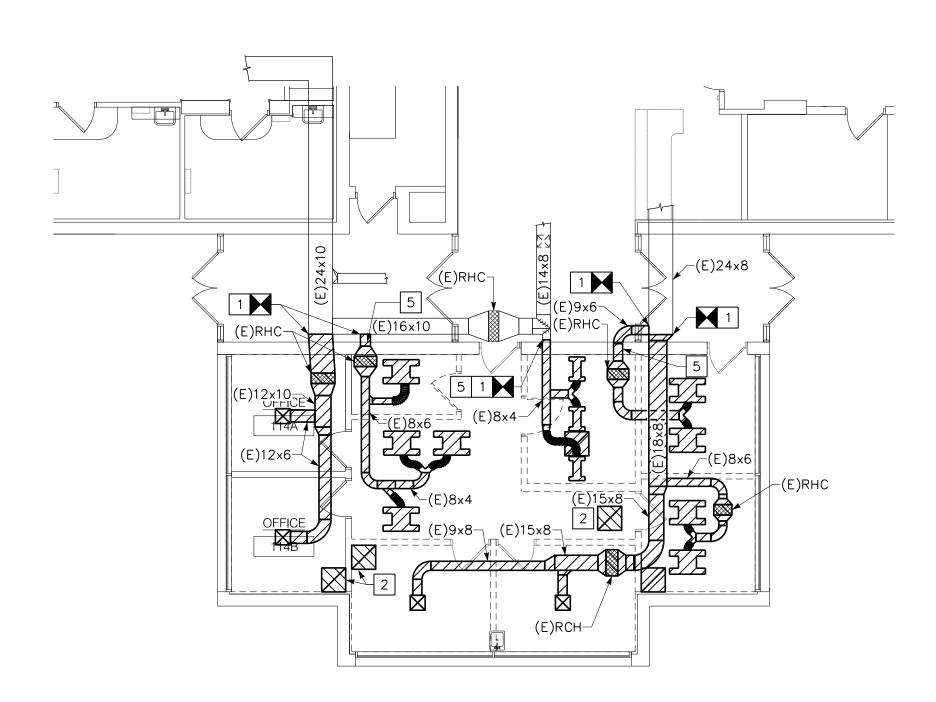
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| REVISIONS |          |              |
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| REVIEWED  | BY:      |              |
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CONSTRUCTION DOCUMENTS DATE:

1/25/23 DRAWING NAME:

> **HVAC GENERAL NOTES,** LEGENDS, AND SCHEDULES



PARTIAL FIRST FLOOR PLAN - HVAC DUCTWORK DEMOLITION

 $\frac{1}{8}$ " = 1'-0"

(E)RHC

(E)16x10

(E)16x10

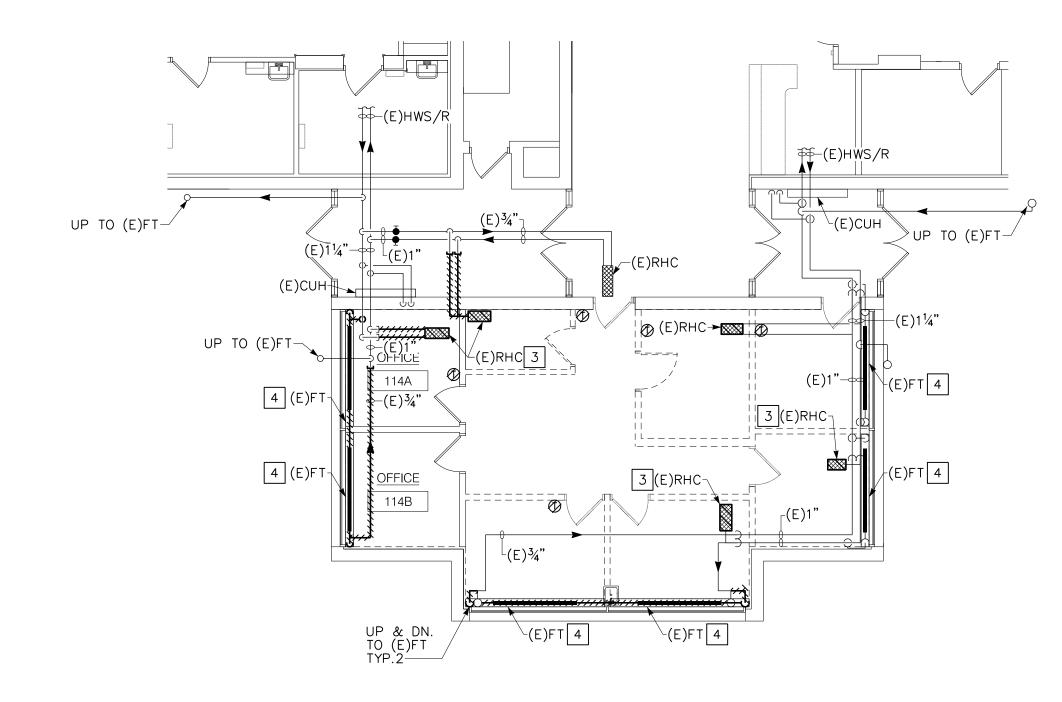
(E)16x10

(E)24x8

(

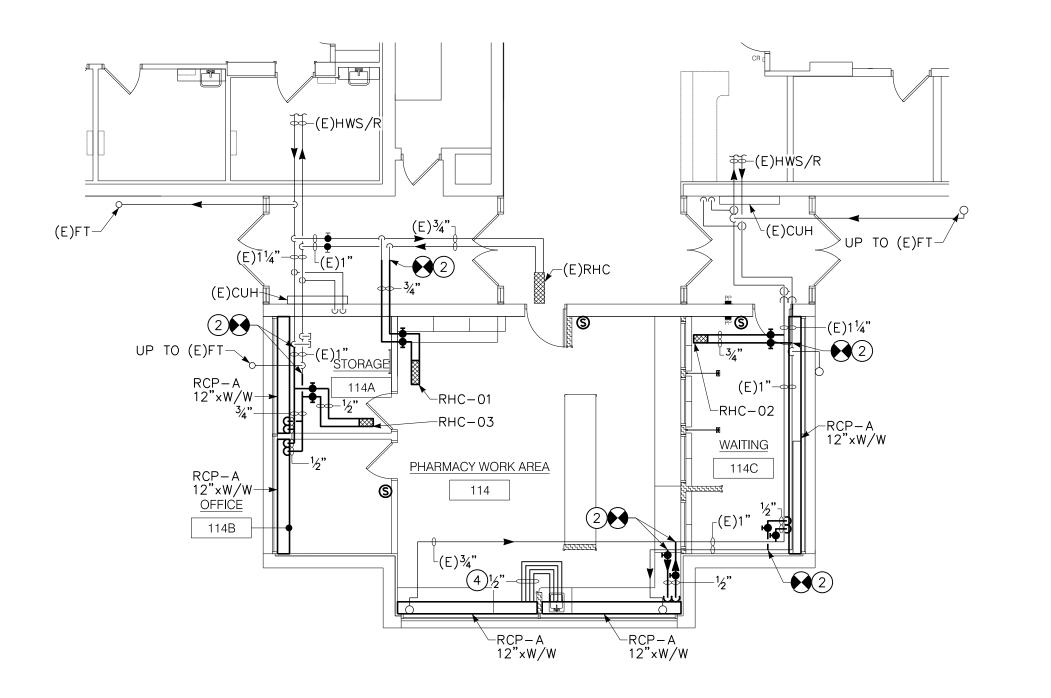
PARTIAL FIRST FLOOR PLAN - HVAC DUCTWORK NEW WORK 2

1/8" = 1'-0"



PARTIAL FIRST FLOOR PLAN - HVAC PIPING DEMOLITION

1/8" = 1'-0"



PARTIAL FIRST FLOOR PLAN – HVAC PIPING NEW WORK

1/8" = 1'-0"

REMOVAL NOTES:

- 1 REMOVE DUCTWORK BACK TO POINT INDICATED AND CAP.
- 2 REMOVE CEILING RETURN GRILLES COMPLETELY.

  3 REMOVE EXISTING REHEAT COIL AND ALL
- 4 REMOVE EXISTING FIN TUBE, COVER, AND PIPING BACK TO POINT INDICATED AND CAP.
- 5 FILL IN EXISITNG WALL PENETRATION TO MATCH EXISTING.

#### DRAWING NOTES:

- 1 CONNECT TO EXISTING DUCTWORK AT POINT INDICATED, REPAIR INSULATION.
- 2 CONNECT TO EXISTING HWS/R PIPING AT POINT INDICATED. REPAIR INSULATION.
- PROVIDE RETURN AIR GRILLE, WITH ABOVE CEILING SOUND BOOT AS DETAILED.

  RADIANT CEILING PANEL JUMPER PIPING. PANEL SHALL BE BROKEN AT WING WALL. PROVIDE (4) JUMPER PIPES EACH 1/2" TO ACT AND CONTROL AS ONE CONTINUOUS PANEL.

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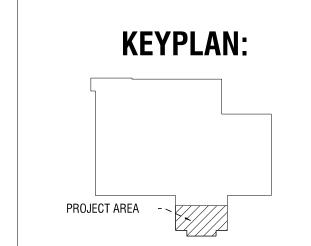
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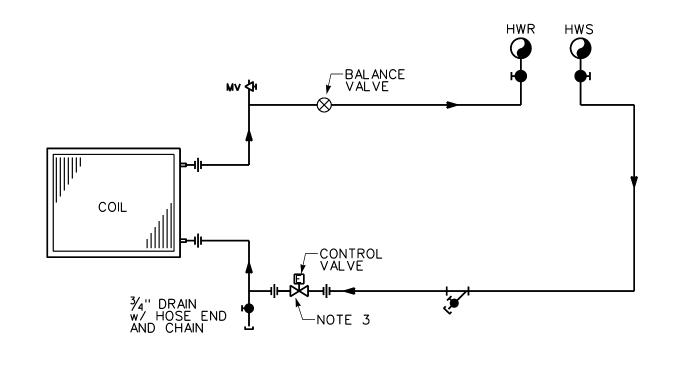
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#### PARTIAL FIRST FLOOR PLAN - HVAC

DRAWING NUMBER:

H1.0



- 1. ARRANGE PIPING TO ALLOW REMOVAL OF COIL WITHOUT REMOVAL OF PIPING AHEAD OF UNIONS.
- 2. PROVIDE STRAINER WITH BLOW DOWN VALVE, HOSE BIBB AND CAP, WITH CHAIN.
- 3. REHEAT TAPS TO BE INSTALLED OFF BOTTOM OF MAINS.
- 4. PROVIDE DUCT ACCESS DOOR UPSTREAM AND DOWNSTREAM OF ALL COILS.

#### REHEAT COIL PIPING DETAIL

NO SCALE

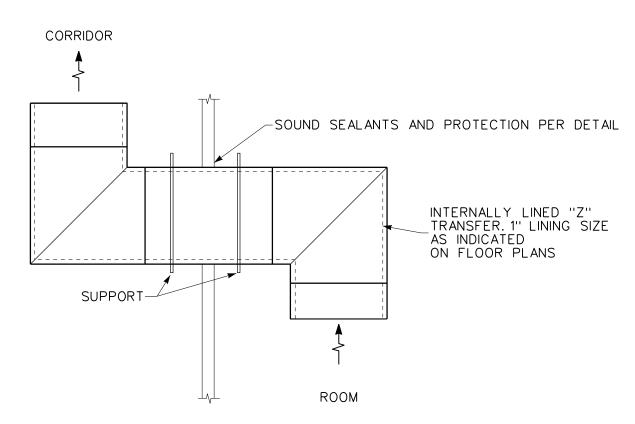
NTS

HOT WATER w/2 WAY VALVE

LDUCT SUPPORT NOTE: FLEX SHALL BE 4'-0" MAXIMUM WITH (1) 90° BEND -ACCESS DOOR (HARD CEILING ONLY)

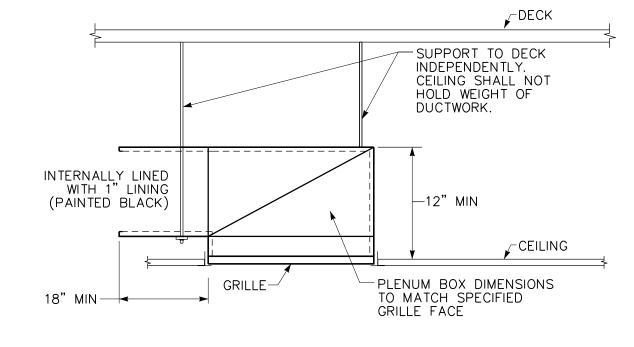
1. DUCT AND DIFFUSER SIZE AND TYPE AS SHOWN ON DRAWINGS.

TYPICAL DIFFUSER INSTALLATION DETAIL NO SCALE



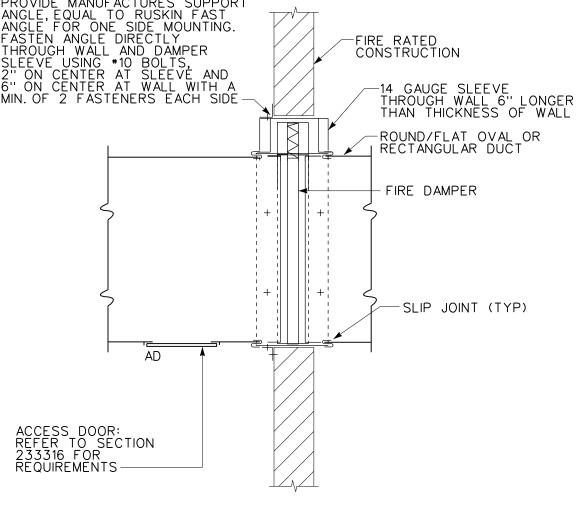
SHALL BE SUPPORTED INDEPENDENTLY TO STRUCTURE ABOVE. ALL INTERNAL LINING SHALL BE FIBER FREE PER SPECIFICATIONS.

LINED ZEE TRANSFER DETAIL NO SCALE



OPENING ABOVE CEILING SHALL BE IN OPPOSITE DIRECTION OF CORRIDOR WALL. ALL INTERNAL LINING SHALL BE FIBER FREE PER SPECIFICATIONS.

TYPICAL CEILING GRILLE INSTALLATION DETAIL

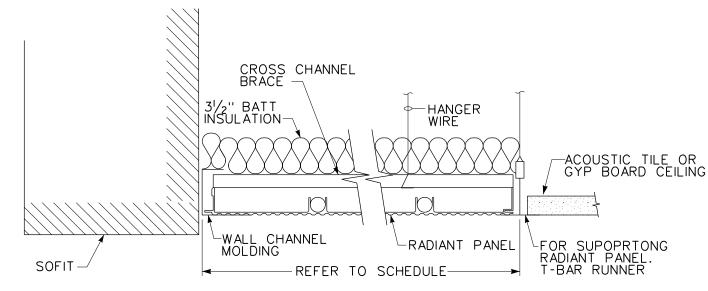


- FOR DOUBLE WALL DUCT, USE INSULATION END CAP AND INSULATE SLEEVE.
- 2. COORDINATE WITH G.C. FOR STUD FRAMING AT FIRE DAMPER SLEEVE.
- 3. THE HVAC CONTRACTOR SHALL COORDINATE INSTALLATION OF STUD FRAMING AROUND SLEEVE WITH THE G.C..
- 4. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 5. HORIZONTAL INSTALLATION IN SIMILAR.

6. TYPE "A" INSTALLATION IS SIMILAR.

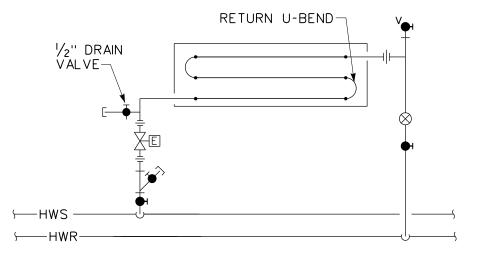
#### FIRE DAMPER INSTALLATION DETAIL - TYPE B

NO SCALE



- 1. PROVIDE BATT INSULATION ABOVE EACH PANEL.
- 2. PROVIDE CROSS CHANNEL BRACE AND HANGER WIRE PER MANUFACTURER'S RECOMMENDATIONS.
- 3. SUSPENSION OF RADIANT CEILING PANEL SHALL BE INDEPENDENT OF CEILING GRID SYSTEM.
- 4. REFER TO PLANS FOR PANEL DIMENSIONS.

RADIANT CEILING PANEL DETAIL NO SCALE



- 1. PROVIDE INTERCONNECT BETWEEN RADIANT CEILING PANELS, LENGTH PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE RETURN U-BENDS BETWEEN RADIANT CEILING PANEL TUBING RUNS, LENGTH PER MANUFACTURER'S RECOMMENDATIONS.
- 3. ALL INTERCONNECT, RETURN U-BENDS, TUBING SIZE AND TUBING MATERIAL SHALL BE PER THE SPECIFICATIONS.
- 4. PROVIDE CONNECTIONS BETWEEN PANELS AND HEATING HOT WATER MAINS PER THE SPECIFICATIONS.
- 5. PROVIDE AIR VENTS AND DRAINS AT EACH PANEL.
- 6. PROVIDE ISOLATION VALVES, AIR VENT, DRAIN VALVE, AND FLOW BALANCER FOR EACH PANEL.

RADIANT PANEL TUBING DETAIL 4 NO SCALE





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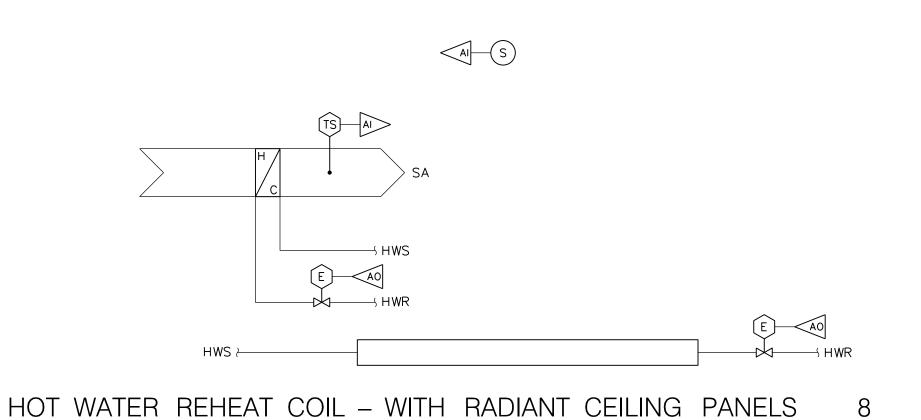
CONSTRUCTION DOCUMENTS

1/25/23

DRAWING NAME:

**HVAC DETAILS AND CONTROLS** 

DRAWING NUMBER:



#### **SEQUENCE OF OPERATIONS**

- A. REHEAT COIL AND PANEL RADIATOR
- 1. REHEAT HOT WATER COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN THE SPACE TEMPERATURE SETPOINT BASED ON A PLALGORITHM, SUBJECT TO A MAXIMUM DISCHARGE TEMPERATURE OF 15 DEGREES ABOVE SPACE TEMPERATURE. [SUBJECT TO A MAXIMUM TEMPERATURE AS SCHEDULED].
- B. PANEL RADIATOR:
- a. THE PANEL RADIATOR CONTROL VALVE SHALL SEQUENCE WITH THE CONSTANT
- **VOLUME REHEAT COIL AS FOLLOWS:** a. UPON CALL FOR HEAT, THE HOT WATER CONTROL VALVE OF THE REHEAT COIL SHALL LIMIT DISCHARGE AIR TO 72°F (ADJ.). AND THE PANEL RADIATION
- SHALL OPERATE AS THE LEAD SOURCE OF HEAT. b. REHEAT COIL VALVE LIMITED TO 72 DEGREE LEAVING AIR TEMPERATURE,
- PANEL CONTROL VALVE TO 100%. c. LIMIT REHEAT COIL VALVE TO MAXIMUM DISCHARGE TEMPERATURE OF 15 DEGREES ABOVE SPACE TEMPERATURE. [SUBJECT TO A MAXIMUM TEMPERATURE AS SCHEDULED].

| REHEAT COIL AND RADIANT CEILING PANEL CONTROL POINTS LIST |    | HARDWARE POINTS |    |    |    | SOFTWARE POINTS |       |                                                                                                                                                |  |
|-----------------------------------------------------------|----|-----------------|----|----|----|-----------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------|--|
| POINT NAME                                                | Ві | во              | Ai | AO | AV | BV              | TREND | ALARM DESCRIPTION                                                                                                                              |  |
| REHEAT HOT WATER CONTROL VALVE                            |    |                 |    | Х  |    |                 | -     |                                                                                                                                                |  |
| SUPPLY AIR DISCHARGE AIR TERMERATURE                      |    |                 | Х  |    |    |                 | Х     | WHEN REHEAT CONTROL VALVE IN THE CLOSED POSITION, DISCHARGE SUPPLY AIR TEMPERATURE IS 3°F GREATER THAN AIR HANDLING UNIT SUPPLY AIR TEMERATURE |  |
| RADIANT CEILING PANEL HOT WATER CONTROL VALVE             |    |                 |    | Х  |    |                 |       |                                                                                                                                                |  |
| SPACE TEMERATURE SENSOR                                   |    |                 | X  |    |    |                 | Х     | (+/-) 2°F ABOVE SPACE<br>TEMPERATURE SETPOINT                                                                                                  |  |
| <u> </u>                                                  |    | 1               |    |    |    |                 | 1     |                                                                                                                                                |  |

|                                       | ABBREVIATIONS                                                          |
|---------------------------------------|------------------------------------------------------------------------|
| ABBREV.                               |                                                                        |
| A<br>AC<br>AC                         | AMPERE ALTERNATING CURRENT ABOVE COUNTER                               |
| AFF<br>AG                             | ABOVE FINISHED FLOOR<br>ABOVE FINISHED GRADE                           |
| AFCI<br>AIC                           | ARC FAULT CIRCUIT INTERRUPTER AMPERES INTERRUPTING CAPACITY            |
| AL<br>ASYM<br>ATS                     | ALUMINUM<br>ASYMMETRICAL<br>AUTOMATIC TRANSFER SWITCH                  |
| AWG                                   | AMERICAN WIRE GAUGE                                                    |
| BR<br>C                               | BRANCH<br>CONDUIT                                                      |
| CAB<br>CATV                           | CABINET<br>CABLE TELEVISION                                            |
| CB<br>CCTV                            | CIRCUIT BREAKER CLOSED CIRCUIT TELEVISION                              |
| CER<br>CKT<br>CLG                     | COMMUNICATIONS EQUIPMENT ROOM<br>CIRCUIT<br>CEILING                    |
| CONT<br>CP                            | CONTACTOR<br>CONTROL PANEL                                             |
| CT<br>CU<br>CUH                       | CURRENT TRANSFORMER COPPER CABINET UNIT HEATER                         |
| DÇ                                    | DIRECT CURRENT                                                         |
| DISC<br>DF                            | DELTA CONNECTED<br>DISCONNECT<br>DRINKING FOUNTAIN                     |
| DPST<br>DPDT                          | DOUBLE POLE, SINGLE THROW DOUBLE POLE, DOUBLE THROW                    |
| EC                                    | ELECTRICAL CONTRACTOR EQUIPMENT GROUND                                 |
| EG<br>EM<br>EPR                       | EMERGENCY ETHYLENE PROPYLENE RUBBER                                    |
| EQUIP<br>ETR                          | EQUIPMENT EXISTING TO REMAIN                                           |
| ERL<br>EXIST.<br>EXP                  | EXISTING TO BE RELOCATED EXISTING EXPLOSION PROOF                      |
| ELECT<br>EMT                          | ELECTRIC ELECTRIC METALLIC TUBING                                      |
| EWH<br>FC                             | ELECTRIC WALL HEATER FOOTCANDLE                                        |
| FCAN<br>FCBN                          | FULL CAPACITY ABOVE NORMAL FULL CAPACITY BELOW NORMAL                  |
| FLUOR<br>FVNR                         | FLUORESCENT FULL VOLTAGE, NON-REVERSING                                |
| FVR<br>FA<br>FACP                     | FULL VOLTAGE, REVERSING<br>FIRE ALARM<br>FIRE ALARM CONTROL PANEL      |
| FLA                                   | FULL LOAD AMPERES                                                      |
| GEN<br>GF<br>GFI                      | GENERATOR<br>GROUND FAULT<br>GROUND FAULT CIRCUIT INTERRUPTER          |
| GND<br>GRS                            | GROUND<br>GALVANIZED RIGID STEEL                                       |
| HOA<br>HP                             | HAND-OFF-AUTOMATIC<br>HORSEPOWER                                       |
| HPS<br>HV<br>HZ                       | HIGH PRESSURE SODIUM<br>HIGH VOLTAGE<br>HERTZ                          |
| _                                     |                                                                        |
| INCAD<br>IG<br>IC                     | INCANDESCENT<br>ISOLATED GROUND<br>INTERCOM                            |
| IMC                                   | INTERMEDIATE METAL CONDUIT                                             |
| JB<br>KAIC                            | JUNCTION BOX  THOUSAND AMPERE INTERRUPTING CAPACIT                     |
| KV<br>KVA                             | KILOVOLT KILOVOLT - AMPERE                                             |
| K K K K K K K K K K K K K K K K K K K | KILOWATT<br>KILO (THOUSAND)<br>THOUSAND CIRCULAR MILS                  |
| KCM<br>KCMIL                          | THOUSAND CIRCULAR MILS                                                 |
| L<br>LTG<br>LV                        | PILOT LIGHT<br>LIGHTING<br>LOW-VOLTAGE                                 |
| M                                     | MEGA (MILLION)                                                         |
| MATV<br>MFS<br>MCB                    | MASTER ANTENNA TELEVISION<br>MAIN FUSED SWITCH<br>MAIN CIRCUIT BREAKER |
| MCC<br>MH                             | MOTOR CONTROL CENTER METAL HALIDE                                      |
| MLO<br>MV<br>MVA                      | MAIN LUGS ONLY<br>MEDIUM-VOLTAGE<br>MEGAVOLT-AMPERE                    |
| NEC                                   | NATIONAL ELECTRICAL CODE                                               |
| NC<br>NO<br>NI                        | NORMALLY CLOSED NORMALLY OPEN NIGHT LIGHT (UNSWITCHED)                 |
| NL<br>N<br>NF                         | NIGHT LIGHT (UNSWITCHED)<br>NEUTRAL<br>NON-FUSED                       |
| NIC<br>NTS                            | NOT IN CONTRACT<br>NOT TO SCALE                                        |
| OL<br>OH                              | OVERLOAD<br>OVERHEAD                                                   |
| PKGD.                                 | PACKAGED                                                               |
| PB<br>PF<br>PNL                       | PULLBOX POWER FACTOR PANEL                                             |
| PT<br>PVC                             | POTENTIAL TRANSFORMER POLYVINYL CHLORIDE                               |
| Ø<br>P<br>PH                          | PHASE<br>POLE<br>PHASE                                                 |
| PL<br>PP                              | PILOT LIGHT<br>POWER PANEL                                             |
| PWR<br>RVNR                           | POWER  REDUCED VOLTAGE, NON-REVERSING                                  |
| RM<br>RMS                             | ROOM<br>ROOT MEAN SQUARED                                              |
| SS<br>SW                              | SURGE SUPPRESSION<br>SWITCH                                            |
| SWBD<br>SYM                           | SWITCHBOARD<br>SYMMETRICAL                                             |
| STR<br>SPD                            | STARTER SURGE PROTECTIVE DEVICE                                        |
| TDR<br>TYP                            | TIME DELAY RELAY TYPICAL                                               |
| TCP<br>TSTAT                          | TEMPERATURE CONTROL PANEL THERMOSTAT                                   |
| TV<br>UG<br>UH                        | TELEVISION<br>UNDERGROUND<br>UNIT HEATER                               |
| <b>v</b> .                            | VOLT                                                                   |
| VA<br>VP                              | VOLT-AMPERE<br>VAPORPROOF                                              |
|                                       | WATT                                                                   |
| W<br>WG<br>WP                         | WIRE GUARD WEATHERPROOF                                                |
| WG<br>WP<br>XFMR                      | WEATHERPROOF<br>TRANSFORMER                                            |
| WG<br>WP                              | WEATHERPROOF                                                           |

|                | COMMUNICATIONS                                                                                                                                                                                                            |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SYMBOL         | DESCRIPTION                                                                                                                                                                                                               |
| $\nabla$       | WALL MOUNTED TELEPHONE BRACKET OUTLET                                                                                                                                                                                     |
| lacksquare     | COMPUTER/DATA COMMUNICATION OUTLET                                                                                                                                                                                        |
| ত              | COMPUTER/DATA FLOOR BOX OUTLET                                                                                                                                                                                            |
| •              | TELECOMMUNICATIONS OUTLET ELECTRICAL CONTRACTOR TO PROVIDE 2-GANG RECESSED BACKBOX WITH 1-GANG MUD RING AND 1" CONDUIT RUN ABOVE ACCESSIBLE CEILING SPACE AND BOND TO CABLE TRAY (JACKS, FACEPLATE, AND WIRING BY OTHERS) |
| ₩AP            | WIRELESS ACCESS POINT OUTLET.                                                                                                                                                                                             |
| 型              | TELEVISION OUTLET WITH COAXIAL CABLE DISTRIBUTION                                                                                                                                                                         |
| TV             | CEILING MOUNTED TELEVISION OUTLET WITH COAXIAL CABLE DISTRIBUTION                                                                                                                                                         |
| <u> </u>       | CABLE TV SPLITTER                                                                                                                                                                                                         |
| 匣              | CABLE TV TAP                                                                                                                                                                                                              |
| Ø              | AUDIO/VIDEO OUTLET WITH CABLING. REFER TO DETAILS.                                                                                                                                                                        |
| 0              | PROJECTOR WITH MOUNTING PLATE, 120V<br>RECEPTACLE, AND AUDIO/VIDEO OUTLET                                                                                                                                                 |
|                | FIRE ALARM                                                                                                                                                                                                                |
| SYMBOL         | DESCRIPTION                                                                                                                                                                                                               |
| <b>⑤</b>       | SMOKE DETECTOR                                                                                                                                                                                                            |
| <b>©</b> ,     | DUCT MOUNTED SMOKE DETECTOR                                                                                                                                                                                               |
| DTS            | DUCT SMOKE DETECTOR TEST SWITCH                                                                                                                                                                                           |
| ©<br>-         | CARBON MONOXIDE DETECTOR                                                                                                                                                                                                  |
| <u>®</u>       | HEAT DETECTOR                                                                                                                                                                                                             |
| © <del>,</del> | BEAM SMOKE DETECTOR TRANSMITTER                                                                                                                                                                                           |
| - <u>.</u> ©   | BEAM SMOKE DETECTOR RECEIVER                                                                                                                                                                                              |
| <b>⑤√</b> -    | AIR SAMPLING HEAD  MANUAL PULL STATION                                                                                                                                                                                    |
| <b>D</b>       | WALL MOUNTED AUDIBLE/VISUAL NOTIFICATION APPLIANCE (CANDELA OUTPUT SHALL BE 75 UNLESS NOTED OTHERWISE ON PLAN ADJACENT TO DEVICE)                                                                                         |
| 8              | CEILING MOUNTED AUDIBLE/VISUAL NOTIFICATION APPLIANCE (CANDELA OUTPUT SHALL BE 75 UNLESS OTHERWISE NOTED ON PLAN ADJACENT TO DEVICE)                                                                                      |
| Ê              | WALL MOUNTED VISUAL NOTIFICATION<br>APPLIANCE (CANDELA OUTPUT SHALL BE 75<br>UNLESS NOTED OTHERWISE ON PLAN<br>ADJACENT TO DEVICE)                                                                                        |
| 8              | CEILING MOUNTED VISUAL NOTIFICATION<br>APPLIANCE (CANDELA OUTPUT SHALL BE 75<br>UNLESS OTHERWISE NOTED ON PLAN<br>ADJACENT TO DEVICE)                                                                                     |
|                | CARBON MONOXIDE VISUAL NOTIFICATION APPLIANCE                                                                                                                                                                             |
| <u> </u>       | WALL MOUNTED AUDIBLE NOTIFICATION                                                                                                                                                                                         |
|                | APPLIANCE (SPEAKER)  EMERGENCY COMMUNICATIONS SYSTEM                                                                                                                                                                      |
| 0              | ANTENNA  CEILING MOUNTED AUDIBLE NOTIFICATION                                                                                                                                                                             |
| 0              | APPLIANCE (SPEAKER)                                                                                                                                                                                                       |
|                | FIRE DEPARTMENT PHONE                                                                                                                                                                                                     |
| ₩.             | CONNECTION TO FIRE PROTECTION SYSTEM FLOW SWITCH, PROVIDE WITH ADDRESSABLE                                                                                                                                                |
|                | INPUT MODULE.  CONNECTION TO FIRE PROTECTION SYSTEM PRESSURE SWITCH, PROVIDE WITH                                                                                                                                         |
| TS             | ADDRESSABLE INPUT MODULE.  CONNECTION TO FIRE PROTECTION SYSTEM TAMPER SWITCH, PROVIDE WITH ADDRESSABLE                                                                                                                   |
| <b>S</b> 0     | CONNECTION TO SMOKE DAMPER, PROVIDE WITH ADDRESSABLE OUTPUT MODULE.                                                                                                                                                       |
| EC             | CONNECTION TO ELEVATOR CAPTURE CONTROL PROVIDE WITH ADDRESSABLE OUTPUT MODULE                                                                                                                                             |
| ₩              | ELEVATOR BLINKING HAT CONNECTION. PROVIDE WITH ADDRESSABLE OUTPUT MODULE                                                                                                                                                  |
| SH             | CONNECTION TO ROOF MOUNTED SMOKE<br>HATCH OR WALL MOUNTED LOUVER.<br>PROVIDE WITH ADDRESSABLE OUTPUT MODULE                                                                                                               |
| FSO            | FAN SHUTDOWN RELAY                                                                                                                                                                                                        |
| AM             | ADDRESSABLE INPUT MODULE                                                                                                                                                                                                  |
| AOM            | ADDRESSABLE OUTPUT MODULE                                                                                                                                                                                                 |
| ZAM            | ZONE ADDRESSABLE MODULE                                                                                                                                                                                                   |
| AUX            | INDICATES AUXILLIARY CONTACTS ON FIRE ALARM DEVICE  ADJACENT LABEL INDICATES TYPE OF PANEL:                                                                                                                               |
| •              | FACP = FIRE ALARM CONTROL PANEL  NAC = NOTIFICATION APPLIANCE CIRCUIT PANEL  RAP = REMOTE ANNUNCIATOR PANEL                                                                                                               |

VCCP = VOICE COMMUNICATION CONTROL PANEL

|                 | LINE STYLES                                          |
|-----------------|------------------------------------------------------|
| SYMBOL          | DESCRIPTION                                          |
|                 | INDICATES NEW DEVICE OR EQUIPMENT                    |
|                 | INDICATES EXISTING DEVICE OR EQUIPMENT               |
|                 | INDICATES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED |
| <b>—80</b> —    | BUS DUCT                                             |
| —CATV—          | CABLE TELEVISION (OVERHEAD)                          |
| —CATV—          | CABLE TELEVISION (UNDERGROUND)                       |
| <del>tttt</del> | CABLE TRAY                                           |
| <b>—</b> ε—     | ELECTRIC (OVERHEAD)                                  |
| — E—            | ELECTRIC (UNDERGROUND)                               |
| <b>—ε/1 —</b>   | ELECTRIC/TELECOMMUNICATIONS (OVERHEAD)               |
| 6/1             | ELECTRIC/TELECOMMUNICATIONS                          |
| _               | (UNDERGROUND)                                        |
| — F0 —          | FEEDER DUCT                                          |
| —ıc—            | ISOLATED GROUND                                      |
| — of —          | OPTICAL FIRED CARLING (OVERHEAD)                     |
|                 | OPTICAL FIBER CABLING (OVERHEAD)                     |
| of              | OPTICAL FIBER CABLING (UNDERGROUND)                  |
| <b>—</b>        | PLUGMOLD                                             |
| ,,,,,,,,        | SURFACE RACEWAY (ONE-PIECE)                          |
|                 | SURFACE RACEWAY (TWO-CHANNEL)                        |
| •               | SURFACE RACEWAY VERTICAL SECTION                     |
|                 | TELECOMMUNICATIONS (OVERHEAD)                        |
| _               |                                                      |
|                 | TELECOMMUNICATIONS (UNDERGROUND)                     |
|                 | SECURITY                                             |
| SYMBOL          | DESCRIPTION                                          |
| <b>6</b>        | DOOR CONTACT                                         |
| <b>6</b> \$     | DOOR STRIKE                                          |
| <b>₹</b>        | LATCH RETRACTION                                     |
| <b>*</b>        | MAGNETIC LOCK                                        |
| €R>             | EXIT REQUEST MOTION DETECTOR                         |
| <b>♦</b>        | DOOR RELEASE PUSH BUTTON                             |
| <b>⋄</b>        | WIRELESS LOCK NETWORK HUB                            |
| <b>₩</b>        | WIRELESS LOCK                                        |
| (A)             | KEY PAD                                              |
| <b>√</b>        | MOTION DETECTOR                                      |
| <b>(P)</b>      | PANIC BUTTON                                         |
| <b>♦</b>        | PROXIMITY READER                                     |
| A               | BLUE LIGHT STROBE                                    |
| <u>B</u> ∇ S    | ALARM SIREN                                          |
| S MON           | MONITOR                                              |
| ACP             | ACCESS CONTROL PANEL                                 |
| IDCP            | INTRUSION DETECTION CONTROL PANEL                    |
| المالي          | INTERCOM ENTRY CONTROL STATION                       |
|                 | INTERCOM ENTRE CONTROL STATION                       |
| ©<br>IVE        | DICITAL VIDEO DECODDED                               |
| ©<br>DVR<br>NVR | DIGITAL VIDEO RECORDER  NETWORK VIDEO RECORDER       |

|            | LEGEND                                                                                   |                       |                                                                                                                                                             |
|------------|------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | LIGHTING                                                                                 |                       | MISCELLANEOUS                                                                                                                                               |
| SYMBOL     | DESCRIPTION                                                                              | SYMBOL                | DESCRIPTION                                                                                                                                                 |
| 314.502    | LINE VOLTAGE SWITCHES                                                                    |                       | REFERENCE TO DRAWING NOTE                                                                                                                                   |
|            | (ADJACENT LABEL INDICATES SWITCH<br>TYPE: SWITCH TYPES MAY BE COMBINED.                  |                       | REFERENCE TO REMOVAL NOTE                                                                                                                                   |
|            | REFER TO DRAWINGS):  (BLANK) = SINGLE POLE SWITCH                                        |                       | REFERENCE TO FEEDER SCHEDULE                                                                                                                                |
|            | 3 = 3-WAY SWITCH                                                                         |                       | NEI ENERGE TO TEEDEN SOTIED DEE                                                                                                                             |
|            | 4 = 4-WAY SWITCH                                                                         |                       | DETAIL/PLAN REFERENCE SYMBOL                                                                                                                                |
| \$         | OS = WALL MOUNTED OCCUPANCY<br>SENSOR SWITCH                                             |                       |                                                                                                                                                             |
|            | D = DIMMER SWITCH                                                                        |                       | POWER                                                                                                                                                       |
|            | OSD = WALL MOUNTED OCCUPANCY<br>SENSOR SWITCH WITH DIMMER                                | SYMBOL                | DESCRIPTION                                                                                                                                                 |
|            | K = KEY SWITCH                                                                           | P                     | DUPLEX RECEPTACLE                                                                                                                                           |
|            | T = INTERVAL TIMER SWITCH  PL = SWITCH WITH PILOT LIGHT                                  | 999                   | DOUBLE DUPLEX RECEPTACLE                                                                                                                                    |
|            | LOW VOLTAGE SWITCHES: (ADJACENT                                                          | •                     | SPLIT WIRED DUPLEX RECEPTACLE                                                                                                                               |
|            | LABEL INDICATES SWITCH TYPE):                                                            | ₩                     | EMERGENCY POWER DUPLEX RECEPTACLE                                                                                                                           |
| \$LV       | LV = LOW VOLTAGE ON/OFF SWITCH  LD = LOW VOLTAGE DIMMER SWITCH                           |                       | EMERGENCY POWER DOUBLE DUPLEX RECEPTACLE                                                                                                                    |
|            | LK = LOW VOLTAGE KEY SWITCH                                                              | 0                     | RECESSED, SINGLE SERVICE FLOOR BOX                                                                                                                          |
| a,b        | INDICATES MULTI-LEVEL SWITCHING                                                          | <b>©</b>              | SPECIAL PURPOSE RECEPTACLE                                                                                                                                  |
|            | 2'x4' LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)                               | <b>⊙</b> <sub>x</sub> | HARD WIRED CONNECTION "X" INDICATES CIRCUIT NUMBER                                                                                                          |
|            | 2'x2' LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)                               | С/Р                   | COMMUNICATION/POWER POLE                                                                                                                                    |
|            | 1'x4' LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)                               | <b>0</b>              | JUNCTION BOX                                                                                                                                                |
|            | STRIP LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)                               | <b>⊗</b> <sub>x</sub> | MOTOR CONNECTION "X" DESIGNATION REFERS TO ELECTRIC EQUIPMENT CONTROL SCHEDULE                                                                              |
| Ţ          | WALL MOUNTED LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)                        | \$w                   | MANUAL MOTOR STARTER OR MOTOR RATED SWITCH                                                                                                                  |
| Q          | WALL SCONCE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)                                   | 9                     | NON-FUSED DISCONNECT SWITCH DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE                                                                   |
| •          | DOWNLIGHT (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)  RECESSED WALL WASH DOWNLIGHT       | ď                     | FUSED DISCONNECT SWITCH DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE                                                                       |
| •••        | (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)  TRACKLIGHT (DESIGNATION REFERS TO            |                       | MAGNETIC MOTOR STARTER DESIGNATION REFERS TO ELECTRIC EQUIPMENT                                                                                             |
|            | LUMINAIRE SCHEDULE)                                                                      |                       | AND CONTROL SCHEDULE                                                                                                                                        |
| <b>⊗</b>   | SINGLE FACE WALL MOUNTED EXIT SIGN<br>(DESIGNATION REFERS TO LUMINAIRE<br>SCHEDULE)      | <b>√⊠</b>             | COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE                                      |
| IŞI        | DOUBLE FACE WALL MOUNTED EXIT SIGN<br>(DESIGNATION REFERS TO LUMINAIRE<br>SCHEDULE)      | AD                    | ADJUSTABLE-SPEED DRIVE<br>REFER TO ADJUSTABLE-SPEED<br>DRIVE SCHEDULE                                                                                       |
| ፟          | SINGLE FACE CEILING MOUNTED EXIT SIGN<br>(DESIGNATION REFERS TO LUMINAIRE<br>SCHEDULE)   | ATS                   | AUTOMATIC TRANSFER SWITCH                                                                                                                                   |
| <b>I⊗I</b> | DOUBLE FACE CEILING MOUNTED EXIT SIGN<br>(DESIGNATION REFERS TO LUMINAIRE                | ECB                   | ENCLOSED CIRCUIT BREAKER                                                                                                                                    |
|            | SCHEDULE)                                                                                | PB                    | HAND DRYER PULLBOX                                                                                                                                          |
|            | EMERGENCY BATTERY PACK (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)                        |                       | PLUG LOAD CONTROLLER                                                                                                                                        |
| ©S)        | EXISTING CEILING MOUNTED OCCUPANCY SENSOR                                                | PS                    | POWER SUPPLY                                                                                                                                                |
| (OS-A)     | CEILING MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR                                        | SPD                   | SURGE PROTECTIVE DEVICE                                                                                                                                     |
| (OS-B)     | CEILING MOUNTED ULTRASONIC/PASSIVE INFRARED OCCUPANCY SENSOR                             | TMCB                  | TELECOMMUNICATIONS MAIN GROUNDING                                                                                                                           |
| (0S-C)     | CEILING MOUNTED ULTRASONIC/PASSIVE                                                       | TCB                   | BUS BAR  TELECOMMUNICATIONS GROUNDING BUS BAR                                                                                                               |
|            | INFRARED CORRIDOR OCCUPANCY SENSOR                                                       |                       | PUSHBUTTON                                                                                                                                                  |
|            | PHOTOSENSOR                                                                              |                       | EMERGENCY POWER OFF PUSHBUTTON                                                                                                                              |
|            | LUMINAIRE ON EMERGENCY BRANCH CIRCUIT,<br>REFER TO FLOOR PLAN FOR CIRCUIT<br>INFORMATION |                       | BELL OR BUZZER                                                                                                                                              |
|            |                                                                                          | GR                    | CORD REEL                                                                                                                                                   |
| ESW<br>RC  | EMERGENCY SWITCHING MODULE  ROOM CONTROLLER                                              | <u> </u>              | DROP CORD                                                                                                                                                   |
| TC         | TIME CLOCK / SWITCH                                                                      | ®                     | RELAY                                                                                                                                                       |
|            | LIGHTING CONTACTOR                                                                       | 0                     | THERMOSTAT                                                                                                                                                  |
| PC         | PHOTOCELL                                                                                | <u>@</u>              | ELECTRIC METER                                                                                                                                              |
| DMX        | DMX OUTLET                                                                               | 4                     | CEILING FAN                                                                                                                                                 |
|            | POWER DISTRIBUTION                                                                       |                       | SWAMD! 5                                                                                                                                                    |
| SYMBOL     | DESCRIPTION                                                                              | ₽ <sub>2</sub>        | EXAMPLE; INDICATES 20AMP BRANCH CIRCUIT                                                                                                                     |
|            | EXISTING PANELBOARD                                                                      | <b>P</b> L2           | CONNECTION FROM PANELBOARD, CIRCUIT #2 TO LUMINAIRE(S) AND CONTROLS, OR WIRING DEVICE(S). PROVIDE (2)-#12, (1)-#12EG IN RACEWAY FOR BRANCH CIRCUIT HOMERUNS |
|            | BRANCH CIRCUIT PANELBOARD, REFER TO                                                      | <b>₩</b> €2           | IN RACEWAY FOR BRANCH CIRCUIT HOMERUNS                                                                                                                      |
|            | PANELBOARD SCHEDULES  DISTRIBUTION PANELBOARD, REFER TO PANELBOARD SCHEDULES             | RA 20                 | LOWER CASE LETTER ADJACENT TO LUMINAIRE INDICATES SWITCHING ARRANGEMENT                                                                                     |
| T          | TRANSFORMER                                                                              | RB<br>O <sub>20</sub> | PREFIX: NO PREFIX = NORMAL BRANCH L = LIFE-SAFETY BRANCH E = STANDBY BRANCH                                                                                 |
| —          |                                                                                          |                       | E = STANDBY BRANCH                                                                                                                                          |

|                | MICCELLANIECLIC                                                                                 |           |                                   | DUDUIC ADDDECC                             |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------------------|-----------|-----------------------------------|--------------------------------------------|--|--|--|--|
| <b></b>        | MISCELLANEOUS                                                                                   | C141001   | 556                               | PUBLIC ADDRESS                             |  |  |  |  |
| BOL            | DESCRIPTION                                                                                     | SYMBOL    |                                   | CRIPTION                                   |  |  |  |  |
| <u> </u>       | REFERENCE TO DRAWING NOTE                                                                       | <u>s</u>  | CEILI                             | NG MOUNTED SPEAKER                         |  |  |  |  |
|                | REFERENCE TO REMOVAL NOTE                                                                       | <u> </u>  | WALI                              | MOUNTED SPEAKER                            |  |  |  |  |
| <u>}</u>       | REFERENCE TO FEEDER SCHEDULE                                                                    | <u>8</u>  | PRO                               | FESSIONAL OR HORN TYPE SPEAKER             |  |  |  |  |
| $\overline{)}$ | DETAIL/PLAN REFERENCE SYMBOL                                                                    | 434       |                                   |                                            |  |  |  |  |
|                |                                                                                                 | **        |                                   | -DIRECTION PROFESSIONAL OR HORN<br>SPEAKER |  |  |  |  |
|                | POWER                                                                                           | Ø         | WALI                              | MOUNTED VOLUME CONTROL SWITCH              |  |  |  |  |
| BOL            | DESCRIPTION                                                                                     | <u> </u>  | MICR                              | OPHONE OUTLET                              |  |  |  |  |
|                | DUPLEX RECEPTACLE                                                                               | 9         | FLOC                              | OR MOUNTED MICROPHONE OUTLET               |  |  |  |  |
| <b>P</b>       | DOUBLE DUPLEX RECEPTACLE                                                                        | <b>69</b> | MIXIM                             | NG BOARD OUTLET                            |  |  |  |  |
|                | SPLIT WIRED DUPLEX RECEPTACLE                                                                   | e         | PRO                               | GRAM BELL                                  |  |  |  |  |
|                | EMERGENCY POWER DUPLEX RECEPTACLE                                                               | Ф         | WALL MOUNTED CLOCK                |                                            |  |  |  |  |
| P              | EMERGENCY POWER DOUBLE DUPLEX RECEPTACLE                                                        | C/S       | WALL MOUNTED SPEAKER AND CLOCK    |                                            |  |  |  |  |
| )              | RECESSED, SINGLE SERVICE FLOOR BOX                                                              | AUX       | AUX.                              | LINE LEVEL INPUT                           |  |  |  |  |
| •              | SPECIAL PURPOSE RECEPTACLE                                                                      | PACC      | PUBI<br>CON:                      | LIC ADDRESS SYSTEM CONTROL<br>SOLE         |  |  |  |  |
| ) <sub>x</sub> | HARD WIRED CONNECTION "X" INDICATES CIRCUIT NUMBER                                              | PA        | PUBLIC ADDRESS SYSTEM HEAD END RA |                                            |  |  |  |  |
| 9              | COMMUNICATION/POWER POLE                                                                        | <u> </u>  | ANTE                              | ENNA                                       |  |  |  |  |
| )              | JUNCTION BOX                                                                                    |           |                                   | SCHEMATICS                                 |  |  |  |  |
| ) <sub>x</sub> | MOTOR CONNECTION "X" DESIGNATION REFERS TO ELECTRIC EQUIPMENT CONTROL SCHEDULE                  | SYMBOL    | DESC                              | CRIPTION                                   |  |  |  |  |
| M              | MANUAL MOTOR STARTER OR MOTOR RATED SWITCH                                                      |           |                                   | PANELBOARD                                 |  |  |  |  |
|                | NON-FUSED DISCONNECT SWITCH<br>DESIGNATION REFERS TO ELECTRIC EQUIPMENT<br>AND CONTROL SCHEDULE |           |                                   | TRANSFORMER                                |  |  |  |  |
| )              | FUSED DISCONNECT SWITCH DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE           |           | <u>-</u><br>                      | CURRENT TRANSFORMER CABINET WITH           |  |  |  |  |
|                | MAGNETIC MOTOR STARTER DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE            | 1<br>(A)  | <u>[]</u>                         | MÉTER                                      |  |  |  |  |
| 1              | COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH                                        |           | <u>AT</u>                         | FUSED DISCONNECT SWITCH                    |  |  |  |  |

NON-FUSED DISCONNECT SWITCH

FUSED MEDIUM-VOLTAGE SWITCH

MEDIUM-VOLTAGE SWITCH

AUTOMATIC TRANSFER SWITCH

THERMAL MAGNETIC CIRCUIT BREAKER

SOLID STATE / ELECTRONIC TRIP CIRCUIT BREAKER

SHUNT-TRIP CIRCUIT BREAKER

DRAW OUT CIRCUIT BREAKER

NORMALLY OPEN PUSHBUTTON SWITCH

NORMALLY OPEN RELAY CONTACT

NORMALLY CLOSED RELAY CONTACT

NORMALLY CLOSED PUSHBUTTON SWITCH

GENERATOR

GROUND

NORMALLY OPEN SWITCH

NORMALLY CLOSED SWITCH

₹.

REFER TO BRANCH CIRCUIT NOTES FOR ADDITIONAL INFORMATION

|        | HEALTH CARE                                                               |
|--------|---------------------------------------------------------------------------|
| SYMBOL | DESCRIPTION                                                               |
|        | ADJACENT LABEL INDICATES TYPE OF NURSE CALL STATION:                      |
|        | P = PATIENT                                                               |
|        | D = DUTY                                                                  |
|        | M = MASTER                                                                |
| ■P     | EC = EMERGENCY CALL (CODE BLUE)                                           |
|        | B = BATH STATION                                                          |
|        | SA = STAFF ASSIST                                                         |
|        | S = STAFF                                                                 |
|        | A = ANNUNCIATOR                                                           |
| ٥      | NURSE CALL DOME LIGHT, SUBSCRIPT "Z" INDICATES ZONE LIGHT                 |
| Ģ      | WALL MOUNTED NURSE CALL DOME LIGHT,<br>SUBSCRIPT "Z" INDICATES ZONE LIGHT |
|        | NURSE CALL CONTROL PANEL                                                  |
|        |                                                                           |

**GENERAL ELECTRICAL NOTES:** 

AND PLUG WITH GROUT.

AND CONNECTIONS.

DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, WIRING, AND RACEWAYS IN DASHED LINE STYLE UNLESS NOTED TO REMAIN OR BE RELOCATED. DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES, HVAC EQUIPMENT, STARTERS, WIRING DEVICES, SPECIAL SYSTEMS DEVICES (PUBLIC ADDRESS, FIRE ALARM, TELECOM, SECURITY, NURSE CALL), AND ALL ASSOCIATED BRANCH CIRCUIT WIRING, SPECIAL SYSTEMS WIRING, AND RACEWAYS. WHERE EXISTING DEVICES ARE NOT BEING REUSED, THEY AND THEIR ASSOCIATED WIRING AND RACEWAYS SHALL BE COMPLETELY REMOVED BACK TO SOURCE.

DISCONNECT AND REMOVE ALL EMPTY AND ABANDONED RACEWAYS UNLESS NOTED OTHERWISE. CUT FLUSH WITH FLOOR WHERE APPLICABLE

C. COORDINATE ALL REMOVAL WORK WITH OTHER TRADES. PROVIDE ALL WIRING AND CONNECTIONS REQUIRED TO MAINTAIN BRANCH CIRCUIT OR SPECIAL SYSTEMS CIRCUIT CONTINUITY TO DEVICES AND EQUIPMENT TO REMAIN WHETHER LOCATED WITHIN OR OUTSIDE OF THE PROJECT

D. PARTIAL BRANCH CIRCUIT WIRING DENOTING EXISTING CIRCUITING OR CONTROL IS SHOWN FOR REFERENCE ONLY, AND IS NOT INTENDED TO ILLUSTRATE COMPLETE WIRING SYSTEM. FIELD VERIFY EXISTING WIRING

E. ALL DATA, CATY, AND TELEPHONE CABLING SHALL BE REMOVED BACK TO PORT ON TERMINATION EQUIPMENT UNLESS OTHERWISE INDICATED. DO NOT CUT CABLING AND LEAVE COILED UNLESS OTHERWISE CALLED

FOR. UPDATE PORT SCHEDULE WITH NEW SPARE PORTS.

F. "ETR" ADJACENT TO A DEVICE, FIXTURE, OR PIECE OF EQUIPMENT INDICATES ITEM SHALL REMAIN. MAINTAIN EXISTING ELECTRICAL CONNECTIONS UNLESS OTHERWISE NOTED.

G. "ERL" ADJACENT TO A DEVICE, FIXTURE, OR PIECE OF EQUIPMENT INDICATES EXISTING ITEM SHALL BE RELOCATED. DISCONNECT AND REMOVE, REINSTALL AT NEW LOCATION AND RECONNECT ITEM AS REQUIRED.

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#### **JORDAN HEALTH**



82 HOLLAND STREET, SUITE #200 ROCHESTER, NY 14605

JORDAN HEALTH -PHARMACY RELOCATION

## **CONSULTANTS:**



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DESCRIPTION:

|              | 2223394           |
|--------------|-------------------|
| DRAWN BY:    | DG                |
| REVIEWED BY: | DG                |
| ISSUED FOR:  |                   |
| CONST        | RUCTION DOCUMENTS |

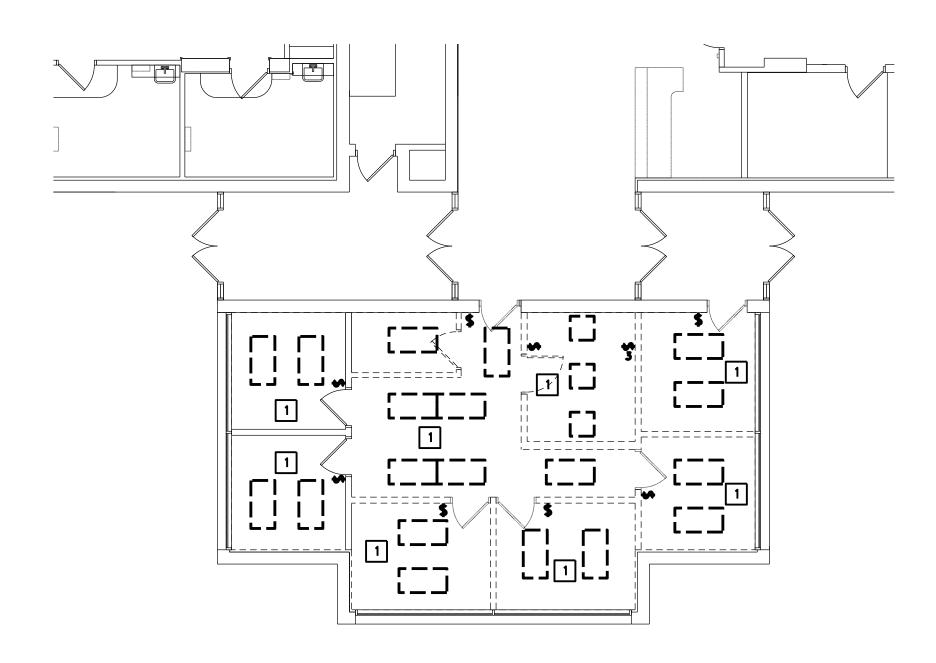
ABBREVIATIONS, LEGEND &

DRAWING NUMBER:

DRAWING NAME:

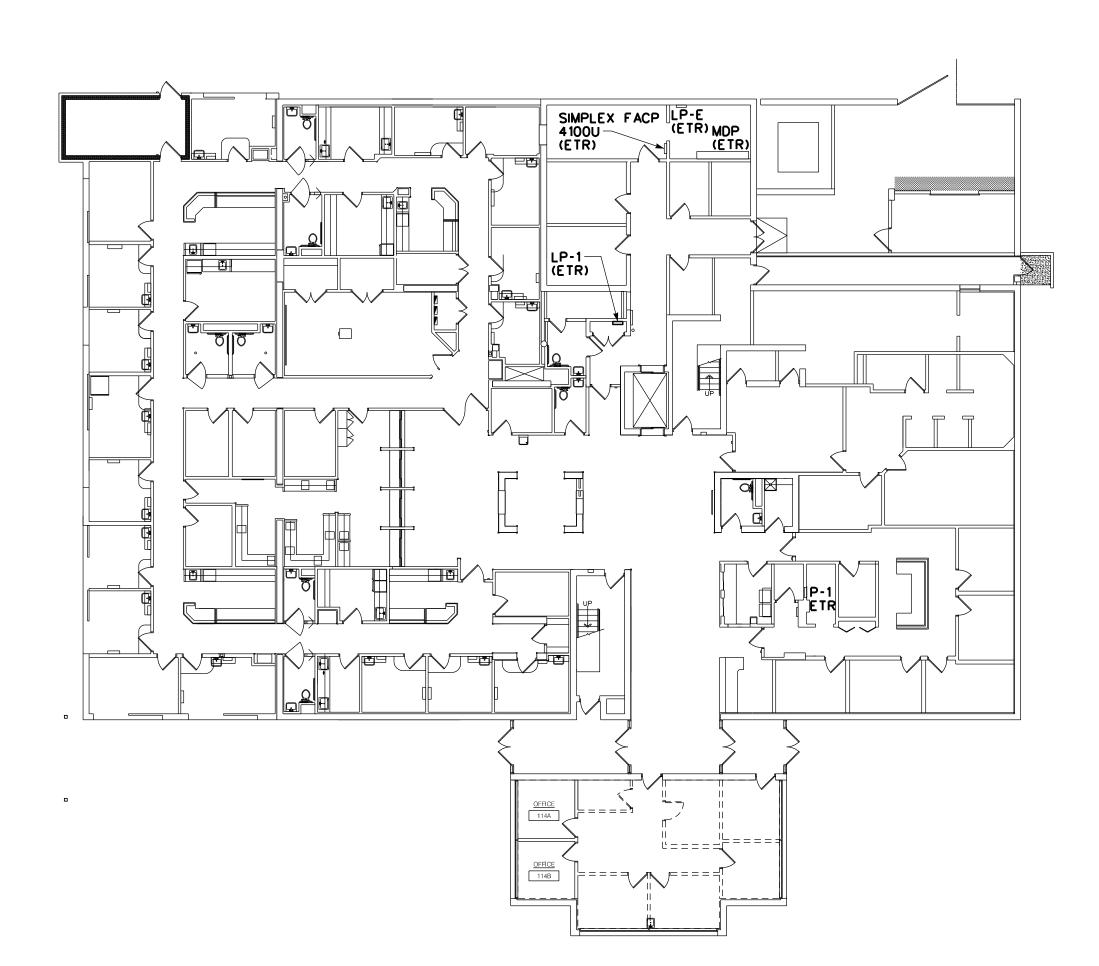
GENERAL NOTES - ELECTRICAL

**O.0** 



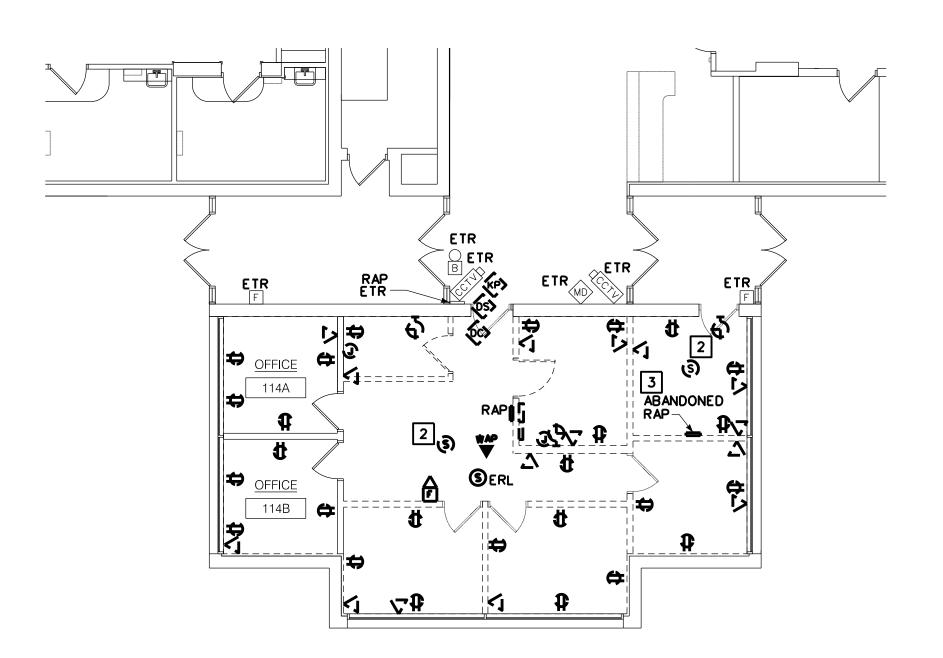
PARTIAL FIRST FLOOR PLAN - LIGHTING DEMOLITION

 $\frac{1}{8}$ " = 1'-0"



FIRST FLOOR REFERENCE PLAN - ELECTRICAL

 $\frac{1}{16}$ " = 1'-0"



PARTIAL FIRST FLOOR PLAN - POWER & SYSTEMS DEMOLITION 2

1/8" = 1'-0"

#### REMOVAL NOTES:

- PROVIDE DISCONNECTION AND REMOVAL OF EXISTING LUMINAIRES AND LIGHTING CONTROL IN THIS ROOM/AREA. MAINTAIN EXISTING LIGHTING BRANCH CIRCUITING, FROM PANELBOARD "LP-1", ABOVE CEILING FOR REUSE.
- 2 ABANDONED WHITE NOISE SPEAKER ABOVE CEILING SHALL BE REMOVED.

3 PROVIDE REMOVAL OF EXISTING RAP.



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| 2223394             |
|---------------------|
| DCG                 |
| DCG                 |
| DCG                 |
|                     |
| STRUCTION DOCUMENTS |
|                     |
| 1/25/23             |
|                     |

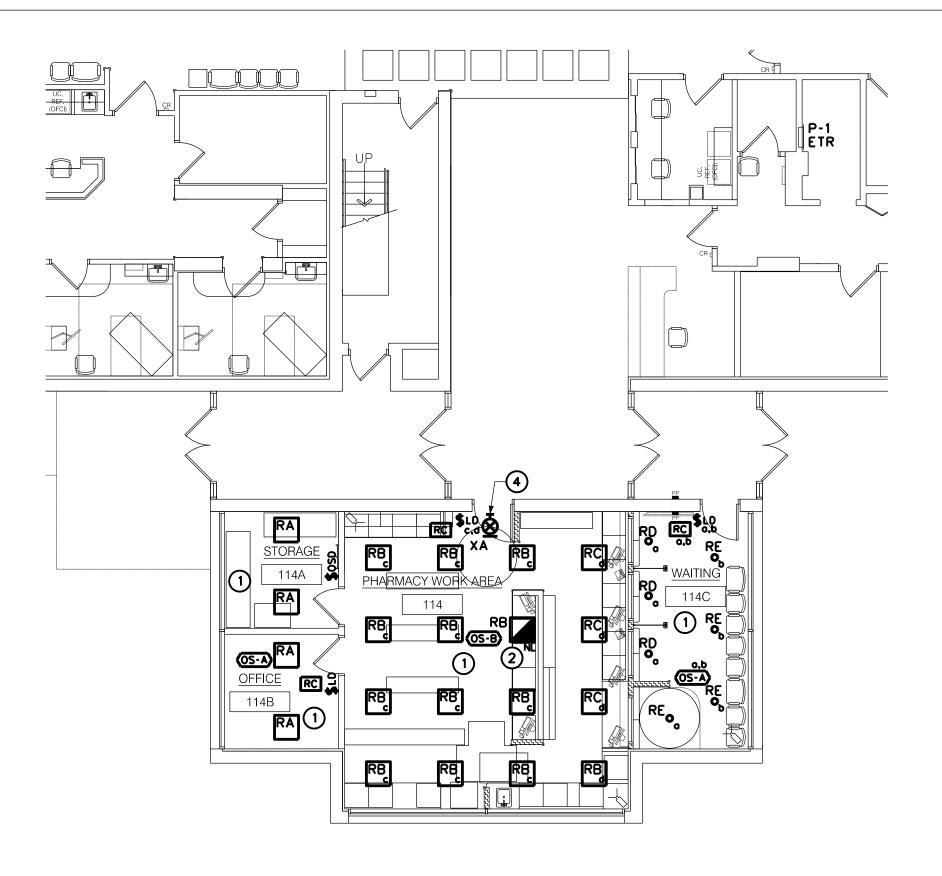
# KEYPLAN:

PROJECT AREA --

PARTIAL FIRST FLOOR PLAN - ELECTRICAL DEMOLITION

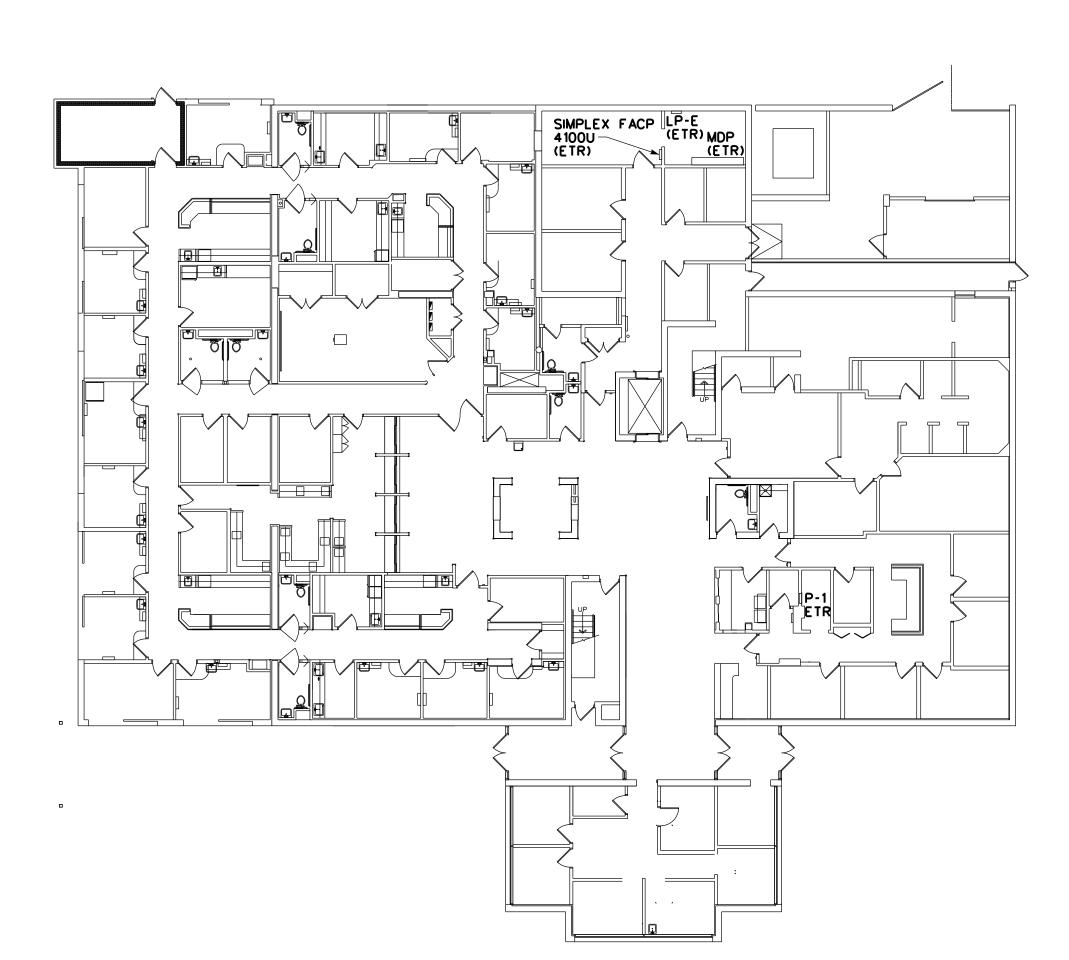
DRAWING NUMBER:

E1.0



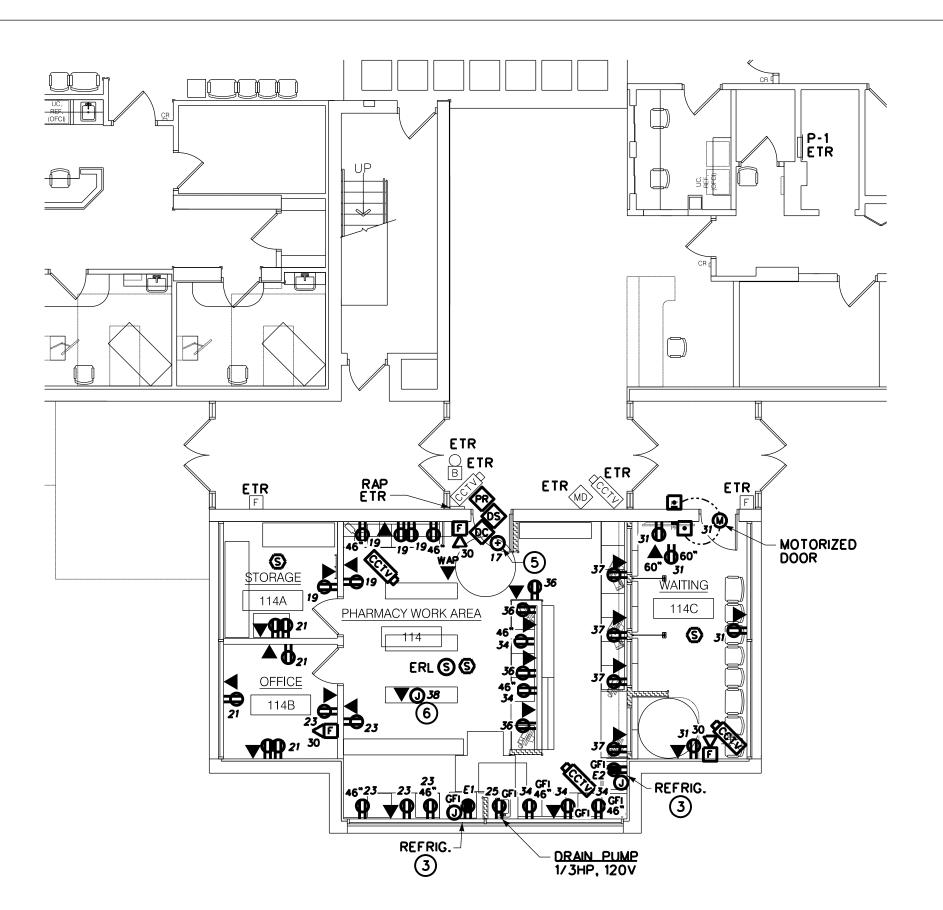
PARTIAL FIRST FLOOR PLAN - LIGHTING

 $\frac{1}{8}$ " = 1'-0"



FIRST FLOOR REFERENCE PLAN - ELECTRICAL

 $\frac{1}{16}$ " = 1'-0"



PARTIAL FIRST FLOOR PLAN - POWER & SYSTEMS

 $\frac{1}{8}$ " = 1'-0"

#### GENERAL SHEET NOTES:

- A. ALL WIRING DEVICE, TELE/DATA AND OTHER DEVICE BACK BOXES ON EXTERIOR WALLS SHALL BE SHALLOW BOXES MIN. 1-1/2" DEPTH. WIRING DEVICES IN THESE LOCATIONS SHALL BE SHALLOW TYPE TO ACCOMMODATE INSTALLATION IN SHALLOW BOX.
- B. CCTV CAMERAS BY OWNER. SHOWN FOR COORDINATION PURPOSES.
- C. UNLESS OTHERWISE NOTED ALL NORMAL POWER BRANCH CIRCUITING SHALL BE CONNECTED TO EXISTING PANELBOARD "P-1" LOCATED IN SOILED 101N. CIRCUIT NUMBER INDICATED ADJACENT TO DEVICE.

#### DRAWING NOTES:

- PROVIDE CONNECTION OF LUMINAIRES IN THIS ROOM/AREA TO EXISTING LIGHTING BRANCH CIRCUITING, FROM PANELBOARD "LP-1", AND LIGHTING CONTROLS SHOWN.
- PROVIDE UN-SWITCHED LUMINAIRE AND CONNECT TO NEAREST LIFE SAFETY LIGHTING BRANCH CIRCUIT IN MAIN LOBBY, AHEAD OF ANY LOCAL CONTROL.
- PROVIDE CONNECTION OF REFRIGERATOR TO DEDICATED 20A/1P 120V EMERGENCY STANDBY BRANCH CIRCUIT WITH (2)#10 & (1)#12EG IN 3/4"C. FROM NEW EMERGENCY PANELBOARD, PROVIDED UNDER SEPARATE PROJECT. ANTICIPATE MAXIMUM BRANCH CIRCUIT RUN OF 175FT. COORDINATE WITH OWNER. INCLUDE EMPTY JUNCTION BOX AND 3/4" EMPTY CONDUIT WITH PULL STRING BEHIND REFRIGERATOR FOR ALARM WIRING BY OWNER.
- PROVIDE CONNECTION OF EXIT LUMINAIRE TO NEAREST EXIT SIGN LIFE SAFETY BRANCH CIRCUITING.
- 5 PROVIDE ELECTRICAL CONNECTION TO DOOR ACCESS CONTROL POWER SUPPLY ABOVE CEILING.
- 6 PROVIDE JUNCTION BOX AND DATA OUTLET ABOVE CEILING FOR FUTURE ROBOT. COORDINATE WITH OWNER.



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DESCRIPTION:

| PROJECT NUMBER: |                    |
|-----------------|--------------------|
|                 | 2223394            |
| DRAWN BY:       | DCG                |
| REVIEWED BY:    | DCG                |
| ISSUED FOR:     |                    |
| CONST           | TRUCTION DOCUMENTS |
| DATE:           | 1/25/23            |

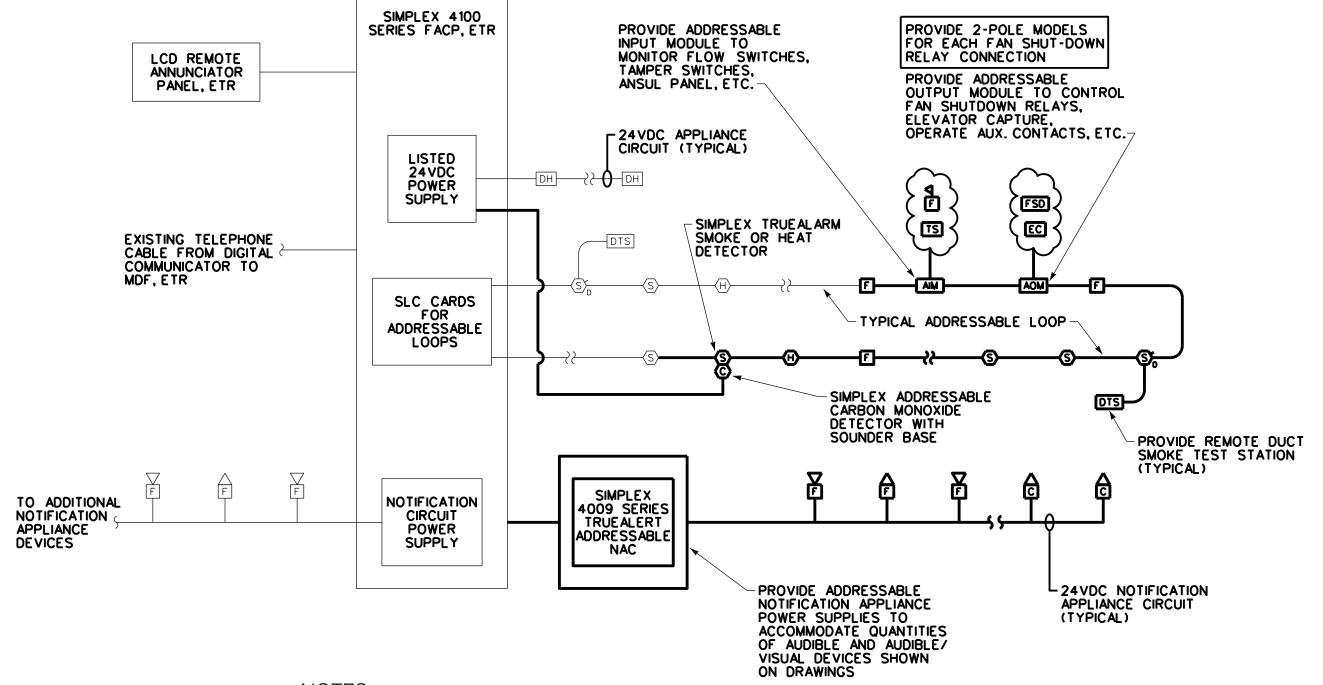
# KEYPLAN:

PROJECT AREA --

PARTIAL FIRST FLOOR PLAN - ELECTRICAL

DRAWING NUMBER:

**E2.0** 



#### NOTES:

- A. WIRING INDICATED ON THE RISER DIAGRAM IS DIAGRAMMATIC ONLY. IT IS NOT INTENDED TO INDICATE ROUTING OR QUANTITIES OF WIRES REQUIRED. PROVIDE WIRING FOR A COMPLETE SYSTEM AS REQUIRED BY SYSTEM MANUFACTURER.
- B. ALL DEVICES ARE NOT INDICATED ON THE RISER DIAGRAM. REFER TO FLOOR PLANS FOR QUANTITIES AND LOCATIONS OF DEVICES.
- C. REFER TO ELECTRICAL EQUIPMENT AND CONTROL SCHEDULE FOR FANS THAT REQUIRE ADDRESSABLE OUTPUT MODULES AND FAN SHUTDOWN INTERLOCKS.
- D. REFER TO FLOOR PLANS FOR EQUIPMENT LOCATIONS.
- PROVIDE ADDRESSABLE INPUT MODULES FOR ALL SPRINKLER TAMPER AND FLOW SWITCHES.
- F. PROVIDE ADDRESSABLE OUTPUT MODULES FOR ALL FAN CONTROLS, ELEVATOR CONTROL AND/OR RECALL, ETC.
- G. CLASS B, STYLE Y SIGNALING LINE CIRCUITS. CLASS B, STYLE B INITIATING CIRCUITS.
- H. ALL CABLE TERMINATIONS SHALL TAKE PLACE AT DEVICE SCREW TERMINALS OR SCREW TYPE TERMINAL BLOCKS. ALL CABLE TERMINATIONS SHALL USE NYLON INSULATED, LOCKING FORK, SOLDERLESS COMPRESSION TERMINAL.
- ALL FIRE ALARM SYSTEM JUNCTION BOXES IN MECHANICAL/ELECTRICAL ROOMS, ABOVE CEILINGS, IN UNFINISHED AREAS OR STORAGE ROOMS, SHALL BE PAINTED RED AND STENCIL LETTERED INDICATING "FIRE ALARM SYSTEM."

SIMPLEX 4100 SERIES POINT ADDRESSABLE FIRE ALARM RISER DIAGRAM

NTS

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| NO:         | DATE:      | DESCRIPTION: |
|-------------|------------|--------------|
| NO.         | DAIL.      | DESCRIPTION. |
| REVISIONS   |            |              |
| PROJECT NU  | MBER:      |              |
|             |            | 2223394      |
| DRAWN BY:   |            | DG           |
| REVIEWED BY | <b>Y</b> : | DG           |
| ISSUED FOR: |            |              |

DATE: 1/25/23

DRAWING NAME:

ONE LINE RISER DIAGRAMS -**ELECTRICAL** 

| LUM  | INAIRE SCHEDULE                                                                                                                                                              |                                      |                                  |           |                                      |                                         |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------|-----------|--------------------------------------|-----------------------------------------|
| TYPE | DESCRIPTION                                                                                                                                                                  | DRIVER                               | WATTAGE/LUMENS/CCT               | VOLTAGE   | DESIGN MAKE                          | ACCEPTABLE MANUFACTURERS                |
| RA   | 2'x2' RECESSED ARCHITECTURAL LED LUMINAIRE WITH<br>ALUMINUM HOUSING, HIGH PERFORMANCE REFLECTOR,<br>REMOVEALBLE CURVED LENS AND MATTE WHITE<br>POLYESTER FINISH              | 0-10V DIMMABLE LED<br>DRIVER 10-100% | 26 WATTS<br>3530 LUMENS<br>4000K | UNIVERSAL | COLUMBIA LIGHTING<br>LCAT22 SERIES   | METALUX LIGHTING MERCURY LIGHTING       |
| RB   | 2'x2' RECESSED BACK-LIT TROFFER WITH ALUMINUM LENS<br>FRAME WITH FRISTED/TEXTURED LENS, DIE-FORMERD<br>CODE-GAUGE STELL HOUSING, SWITCHABLE LUMEN<br>TECHNOLOGY,             | 0-10V DIMMABLE LED<br>DRIVER 10-100% | 30 WATTS 3625 LUMENS 4000K       | UNIVERSAL | COLUMBIA LIGHTING<br>CBT-LSCS SERIES | METALUX LIGHTING MERCURY LIGHTING       |
| RC   | 2'x2' RECESSED BACK-LIT TROFFER WITH ALUMINUM LENS<br>FRAME WITH FRISTED/TEXTURED LENS, DIE-FORMERD<br>CODE-GAUGE STELL HOUSING, SWITCHABLE LUMEN<br>TECHNOLOGY,             | 0-10V DIMMABLE LED<br>DRIVER 10-100% | 24 WATTS<br>3069 LUMENS<br>4000K | UNIVERSAL | COLUMBIA LIGHTING<br>CBT-LSCS SERIES | METALUX LIGHTING MERCURY LIGHTING       |
| RD   | 4" ROUND LED RECESSED DOWNLIGHT WITH PRE-WIRED JUNCTION BOX, OPTICAL SILICONE LENS, SPUN SPECULAR REFLECTOR, MEDIUM DISTRIBUTION, SELF FLANGED AND PRE-INSTALLED BAR HANGERS | 0-10V DIMMABLE LED<br>DRIVER 1-100%  | 8 WATTS 726 LUMENS 3500K         | UNIVERSAL | PRESCOLITE<br>LTR-4RD SERIES         | GOTHAM LIGHTING  FOCAL POINT  PORTFOLIO |
| RE   | 4" ROUND LED RECESSED DOWNLIGHT WITH PRE-WIRED JUNCTION BOX, OPTICAL SILICONE LENS, SPUN SPECULAR REFLECTOR, MEDIUM DISTRIBUTION, SELF FLANGED AND PRE-INSTALLED BAR HANGERS | 0-10V DIMMABLE LED<br>DRIVER 1-100%  | 12 WATTS<br>1160 LUMENS<br>3500K | UNIVERSAL | PRESCOLITE<br>LTR-4RD SERIES         | GOTHAM LIGHTING  FOCAL POINT  PORTFOLIO |
| XA   | LED EXIT SIGN WITH BRUSHED ALUMINUM FACE, RED<br>LETTERS AND CHEVRONS, INTEGRAL SELF-TEST/SELF-<br>DIAGNOSTICS. MOUNTING AND SINGLE/DOUBLE FACE AS<br>SHOWN ON DRAWINGS      | LED DRIVER                           | 2.5 WATTS                        | 120/277V  | BARRON EXITRONIX 400EX SERIES        | COMPASS LIGHTING  SURE-LITES  ISOLITE   |

#### **GENERAL NOTES:**

- 1. APPROVED EQUALS MUST BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW & APPROVAL.
- 2. STEEL HOUSING CONSTRUCTION FOR EACH INTERIOR LUMINAIRE SPECIFIED SHALL BE OF ONE-PIECE CODE GAUGE COLD-ROLLED STEEL.
- 3. ALUMINUM HOUSING CONSTRUCTION FOR EACH INTERIOR LUMINAIRE SPECIFIED SHALL BE OF ONE-PIECE EXTRUDED ALUMINUM. 4. OPTIONAL "PAINT AFTER FABRICATION" FOR HOUSING/REFLECTOR FINISHES SHALL BE PROVIDED FOR EACH LUMINAIRE SPECIFIED.
- 5. CONTRACTOR SHALL VERIFY CEILING CONSTRUCTION TYPES & REQUIRED LUMINAIRE INSTALLATION KITS. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS.

| PA         | NELBO      | DARD SCH         | EDUI  | LE  |       |          | 1       | E RATED<br>ED TRIM |     | OMPUTE<br>200% N | R GRADE<br>NEUTRAL | -      |          | HRU LUGS |      |          | B-FEED BREAKER<br>DLATED GND BUS |             |
|------------|------------|------------------|-------|-----|-------|----------|---------|--------------------|-----|------------------|--------------------|--------|----------|----------|------|----------|----------------------------------|-------------|
|            | NAME       | LOCATIO          | NI    | 6   | SOURC | `E       |         | NG (Al             |     | PHA              |                    |        |          |          |      |          | MAKE (SQ. D)                     | NEM         |
| r          | NAIVIE     | LOCATIO          | IN .  | 3   | OURC  | <i>,</i> | МСВ     | N                  | ILO | WII              | RE                 | VOL    | IAGE     |          | ING  | KAIC     | WARL (3Q. D)                     | TYP         |
|            | P-1        | SOILED 10        | 1N    |     | LP-1  |          | 150     |                    |     | 1Ø               | /3W                | 120    | /240     | FLUS     | Н    | 10       | NQ                               | 1           |
| CKT        | DEC        | CDIDTION         | DDEA  | KED |       | KVA      | LOAD    |                    |     | KVA              | LOAD               |        | DDE      |          |      | DEC      | CDIDTION                         | С           |
| NO.        | DES        | CRIPTION         | BREA  | NEK | LTG   | RCPT     | MOTOR   | HTG                | HTG | MOTOR            | RCPT               | LTG    | DKE      | AKER     |      | DE9      | CRIPTION                         | N           |
|            | SIDEWA     | LK HEAT PUMP     | 35A/  | 2P  |       |          |         |                    |     |                  |                    |        |          |          |      |          |                                  | 2           |
| 3          | OIDE W     | CERTIE/CTT GIVII | 00717 |     |       |          |         |                    |     |                  |                    |        | 150      | 0A/4P    |      | MAIN     | N BREAKER                        | 4           |
| 5          | HANDICAP   | DOORS            | 20A/  |     |       |          |         |                    |     |                  |                    |        |          | O7 () 41 |      | 1717 (11 | V DIVE/VIVEIV                    | 6           |
| 7          | REC. U-2   |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        |          |          |      |          |                                  | 8           |
| )          | VENDING    |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 30       | A/2P     |      | MAN      | MMOGRAM                          | 10          |
| 1          | VENDING    |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        |          |          |      |          | VIIVIO OI U VIVI                 | 12          |
| 3          | REC. U-3   |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       |          | REC. |          |                                  | 14          |
| 5          | REC. U4    |                  | 20A/  |     |       |          |         |                    |     |                  |                    |        | 20       | )A/1P    | SPAR | RE J-BC  | X OVER BATH                      | 10          |
| 7          |            | Y 114DOOR ACCES  |       |     |       | 0.20     |         |                    |     |                  |                    |        |          |          |      |          | IOGRAM                           | 18          |
| 9          |            | RMACY 114 N.     | 20A/  |     |       | 0.13     |         |                    |     |                  |                    |        |          |          |      | X-RAY    |                                  | 20          |
| 21         |            | 114A, 114B       | 20A/  |     |       | 1.08     |         |                    |     |                  |                    |        | 20       |          |      | X-RAY    |                                  | 22          |
| 23         | REC. PHAR  | RMACY 114 S.     | 20A/  |     |       | 0.90     |         |                    |     |                  |                    |        | 20       |          |      | X-RAY    |                                  | 24          |
| 25         |            | RM. 114 D. PUMP  | 20A/  |     |       |          | 0.83    |                    |     |                  |                    |        |          |          |      |          | D DRAW 1, 2                      | 2           |
| 27         | REC. U-1   |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | PLUG | STRIP    | LAB                              | 2           |
| 29         | REC. OLD / | ADMIN AREA       | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | PLUG | STRIP    | LAB                              | 3           |
| 31         | REC. WAIT  | 114C & DOOR OP.  | 20A/  | 1P  |       | 0.72     | 0.08    |                    |     |                  |                    |        | 20       | A/1P     | REC. | LAB D    | ESK                              | 3           |
| 3          | HVAC CON   | TROL             | 20A/  | 1P  |       |          |         |                    |     |                  | 0.90               |        | 20       | A/1P     | REC. | PHARI    | MACY 114                         | 3           |
| 5          | HANDICAP   | DOORS WEST       | 20A/  | 1P  |       |          |         |                    |     |                  | 0.72               |        | 20       | A/1P     | REC. | PHARI    | MACY 114                         | 3           |
| 7          | REC. PHAR  | RMACY 114 E.     | 20A/  | 1P  |       | 0.72     |         |                    |     | 0.20             |                    |        | 20       | A/1P     | ROBO | OT J-BO  | OX PHARMACY                      | 1143        |
| 9          | AIR CURTA  | IN HVAC 35       | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | SPAR | RE       |                                  | 4           |
| 1          | REC. OLD / | ADMIN AREA       | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | SPAR | RE       |                                  | 4:          |
| .3         | REC. OLD / | ADMIN AREA       | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | SPAR | RE       |                                  | 4           |
| <b>.</b> 5 | REC. OLD / | ADMIN AREA       | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | SPAR | RE.      |                                  | 4           |
| 7          | PHARMAC'   | Y                | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | )A/1P    | SPAR | RE       |                                  | 4           |
| 19         | REC. RECE  | PTION            | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | SPAR | RE       |                                  | 5           |
| 51         | REC. U-5   |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | )A/1P    | SPAR | RE.      |                                  | 5           |
| 3          | SPARE      |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | REC. | HALL E   | BATH                             | 5           |
| 55         | SPARE      |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | )A/1P    | SPAR | E J-BC   | X ABV NURSE S                    | 51 5        |
| 7          | REC HALL/  | U-1 BATH         | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | )A/1P    | SPAR | E J-BC   | XABV NURSE S                     | S1 <b>5</b> |
| 9          | REC. CONF  | ERENCE ROOM      | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | )A/1P    | SPAR | RE       |                                  | 6           |
| 1          | SPARE      |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | SPAR | RE       |                                  | 6           |
| 3          | SPARE      |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | 20       | A/1P     | SPAR | RE       |                                  | 6           |
| 5          | SPARE      |                  | 20A/  | 1P  |       |          |         |                    |     |                  |                    |        | _        | _/1P     | SPAC | E        |                                  | 6           |
| 7          | SPACE      |                  | /1    | Р   |       |          |         |                    |     |                  |                    |        | _        | _/1P     | SPAC | E        |                                  | 6           |
| 9          | SPACE      |                  | /1    | Р   |       |          |         |                    |     |                  |                    |        | <u> </u> | _/1P     | SPAC | E        |                                  | 7           |
| '1         | SPACE      |                  | /1    | Р   |       |          |         |                    |     |                  |                    |        | <u> </u> | _/1P     | SPAC | E        |                                  | 7           |
| '3         | SPACE      |                  | /1    | Р   |       |          |         |                    |     |                  |                    |        | _        | _/1P     | SPAC | Έ        |                                  | 7           |
| 5          | SPACE      |                  | /1    |     |       |          |         |                    |     |                  |                    |        | 1        | _        | SPAC | E        |                                  | 7           |
| 7          | SPACE      |                  | /1    | Р   |       |          |         |                    |     |                  |                    |        | _        | _/1P     | SPAC | E        |                                  | 7           |
| 9          | SPACE      |                  | /1    |     |       |          |         |                    |     |                  |                    |        | +        |          | SPAC | E        |                                  | 8           |
| 81         | SPACE      |                  | /1    | Р   |       |          |         |                    |     |                  |                    |        | <u> </u> | _/1P     | SPAC | E        |                                  | 8           |
| 3          | SPACE      |                  | /1    | Р   |       |          |         |                    |     |                  |                    |        | _        | _/1P     | SPAC | E        |                                  | 8           |
|            | SIDE SU    | B-TOTAL          |       |     | 0     | 3.745    | 0.903   | 0                  | 0   | 0.2              | 1.62               | . 0    |          |          | I    |          |                                  |             |
|            |            | UB-TOTAL         |       |     | 0     | 1.62     |         | 0                  |     | I                | I                  | 1      | 1        |          |      |          |                                  |             |
|            |            | SUB-TOTAL        |       |     | 0     | 5.365    |         | 0                  | ,   | ט ע עור י        |                    | טר איר | LE C.    |          |      |          |                                  |             |
|            | AND FAC    |                  |       |     | 1     | 10+.5    | <b></b> | 0.8                |     | PANEL<br>1       |                    |        |          | PANELB   | OARD | )        |                                  |             |
|            | -TOTAL     |                  |       |     | 0     |          | 0.8824  | 0                  |     |                  |                    |        |          |          |      |          | TEMS NOTED IN                    | l           |

6.2474

17.34

TOTAL KVA:

**TOTAL AMPS:** 

BOLD/ITALIC TEXT.

300 State Street, Suite 201 Rochester, NY 14614 585-454-6110

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#### BID DOCUMENTS

It is a violation of New York Education Law Article 145 Sec.7209, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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### **JORDAN HEALTH**



82 HOLLAND STREET, SUITE #200 ROCHESTER, NY 14605

JORDAN HEALTH -PHARMACY RELOCATION

#### **CONSULTANTS:**



Engineering, P.C. BUFFALO • ROCHESTER MECHANICAL • ELECTRICAL COMMUNICATIONS

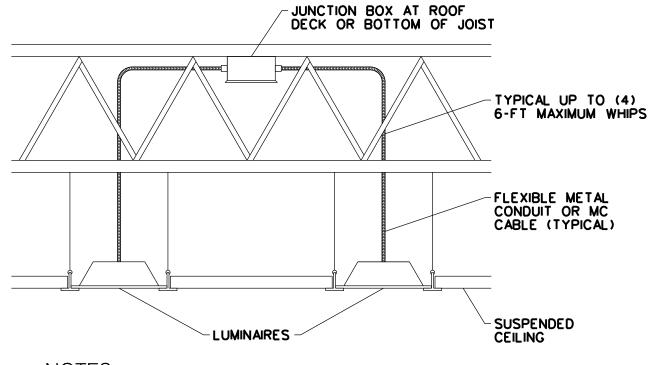
3445 Winton Place, Suite 219 Rochester, NY 14623 Phone: 585.292.1590 Fax: 585.292.1592 www.ibceng.com IBC #22128

| DATE:   | DESCRIPTION:        |
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|         |                     |
| IUMBER: |                     |
|         | 2223394             |
| :       | DG                  |
| BY:     | DG                  |
|         | DATE:  JUMBER:  BY: |

ISSUED FOR: CONSTRUCTION DOCUMENTS DATE:

1/25/23 DRAWING NAME:

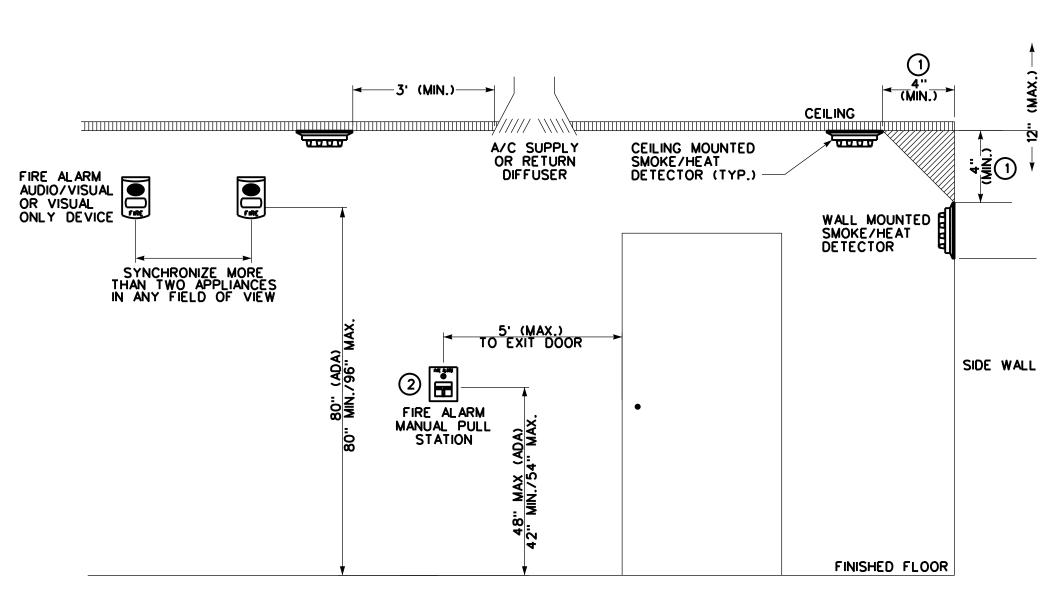
**SCHEDULES - ELECTRICAL** 



NOTES:

A. HOMERUN TO PANELBOARD OR BRANCH CIRCUIT TO NEXT JUNCTION BOX OR ROOM SHALL BE IN EMT CONDUIT.

TYPICAL LUMINAIRE BRANCH CIRCUITING INSTALLATION NTS



#### **DETAIL NOTES:**

- 1) MEASUREMENTS SHOWN ARE TO THE CLOSEST EDGE OF DETECTOR.
- 2 PROVIDE EXTENSION BOXES FOR PULL STATIONS WHERE WALL PROTECTION CHAIR RAIL INTERFERES WITH OPERATION.

FIRE ALARM DEVICE MOUNTING HEIGHTS DETAIL

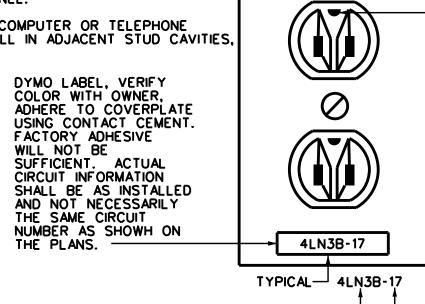
NO SCALE

#### DETAIL NOTES:

PROVIDE GREEN GROUND WIRE IN ALL RECEPTACLE CIRCUITS. CONNECT TO GROUND BUS IN PANEL.

NO SCALE

DO NOT INSTALL RECEPTACLES, COMPUTER OR TELEPHONE OUTLETS BACK TO BACK. INSTALL IN ADJACENT STUD CAVITIES,



PANEL NUMBER-BRANCH BREAKER NUMBER-TYPICAL RECEPTACLE INDENTIFICATION

PROVIDE 1" EMT CONDUIT
SLEEVE FOR DATA CABLES
(FIRE-STOP AFTER CABLE INSTALLATION) /- "J"-HOOKS 4-FEET O.C. TO SUPPORT CABLES (TYPICAL) -NYLON PRESS-ON BUSHINGS (TYPICAL) ACCESSIBLE CEILING ACCESSIBLE CEILING NYLON PRESS-ON BUSHING CLASSROOM OR OFFICE CORRIDOR 1" EMT CONDUIT - ¾" EMT CONDUIT PROVIDE 4-PORT MODULAR DATA OUTLET W/ PLASTIC LABEL DESIGNATION STRIPS PROVIDE 2-GANG RECESSED 2-1/4" DEEP BACKBOX WITH 1-GANG PROVIDE QUAD OR DUPLEX RECEPTACLE AS INDICATED ON DRAWINGS 18" AFF FINISHED FLOOR

#### NOTES:

NTS

- A. PROVIDE ALL RACEWAY, BACKBOXES, COVERPLATES, DATA JACKS, DATA CABLING AND SLEEVES.
- B. PROVIDE OPEN TOP CABLE HANGERS 4-FEET O.C. ACROSS CLASSROOM, OFFICE, AND CORRIDOR DROP CEILING SPACE IN PATHWAY OF NEW INSTALLED CABLES.

NEW CONSTRUCTION POWER/DATA OUTLET DETAIL

Lighting Load (a) - GROUNDING PIN ON TOP OR TO LEFT OF OUTLET ON HORIZONTALLY MOUNTED RECEPTACLES Lighting Load (b) ON/OFF/0-10V DIMMING ROOM CONTROLLER Neutral Wht CLASS 2 0-10 VOLT -PLENUM RATED CAT.6 PATCH CABLES WITH RJ-45 CONNECTORS (TYPICAL) RJ-45 COUPLER IF REQUIRED Réduce Réduce Réduce OCCUPANCY SENSOR (OS-B) LOW-VOLTAGE SWITCHES
AS SHOWN ON FLOOR PLANS INPUT/OUTPUT INTERFACE
WITH ISOLATED RELAY
N/O & N/C OUTPUTS TO THIRD PARTY DEVICE (HVAC)

- A. CONTROLLER SHALL BE PROGRAMMED SUCH THAT ALL LOADS REQUIRE MANUAL-ON CONTROL.
- PROVIDE ALL WIRING & INTERCONNECTIONS AS REQUIRED BY MANUFACTURER.
- PROVIDE PROGRAMMING, STARTUP, AND COMMISSIONING BY A FACTORY CERTIFIED TECHNICIAN.
- REFER TO FLOOR PLANS FOR QUANTITY OF CHANNELS (SWITCH-LEGS). PROVIDE ADDITIONAL NETWORKED ROOM CONTROLLERS AND SWITCHING WHERE DRAWINGS EXCEED 3-CHANNELS.

ROOM CONTROLLER DETAIL

RC 5

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|-----------|--------|--------------|
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| PROJECT N | UMBER: |              |
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| DRAWN BY: |        | DG           |
| REVIEWED  | RV.    |              |
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| ISSUED FO | <br>R· |              |

CONSTRUCTION DOCUMENTS DATE:

1/25/23

DRAWING NAME:

**DETAILS & DIAGRAMS -ELECTRICAL**