

PROJECT INFORMATION

LEGAL DESCRIPTION:

VILLAGE AT DISCOVERY PARK, LOT 5, 1.7 ACRES
SECTION 30, TOWNSHIP 48, RANGE 31

PROPERTY ZONING: PMIX - PLANNED MIXED USE

PROJECT DESCRIPTION:

BUILD-OUT UNFINISHED TENANT SHELL SPACE ON 1ST FLOOR OF SPECULATIVE MIXED USE BUILDING. TENANT WILL SELL MERCHANDISE AND WILL HAVE YOGA STUDIO. RESIDENTIAL UNITS ABOVE ARE EXISTING. NO CHANGE TO THE EXISTING ACCESSIBLE ROUTE

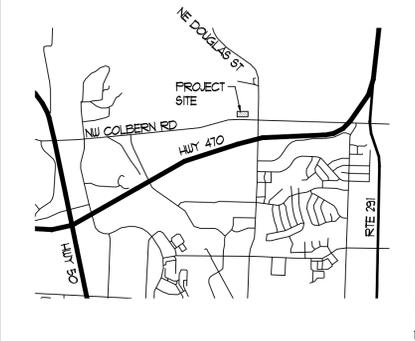
OWNER:

DISCOVERY PARK - LEE'S SUMMIT P1 LOT 5 LLC
4220 PHILLIPS FARM RD
COLUMBIA, MO 65201

CONTRACTOR:

INTRINSIC DEVELOPMENT
4220 PHILLIPS FARM RD
COLUMBIA, MO 65201

LOCATION PLAN



SPECIAL INSPECTIONS

NO SPECIAL INSPECTIONS ARE ANTICIPATED FOR THIS SCOPE OF WORK

CODE NOTES

2018 INTERNATIONAL CODE COUNCIL FAMILY OF CODES

2009 ICC A117.1 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS & FACILITIES
2017 NATIONAL ELECTRIC CODE

USE GROUPS: M/B

PER IRC 303.1.2 - SMALL ASSEMBLY SPACES (YOGA STUDIO) WITH OCCUPANT LOAD OF LESS THAN 50 PERSONS SHALL BE BUSINESS

CONSTRUCTION TYPE: 5A

COMBUSTIBLE / PROTECTED

AUTOMATIC FIRE PROTECTION:

EXISTING BUILDING SHALL BE EQUIPPED WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM. SPRINKLER SYSTEM DESIGN AND MODIFICATIONS TO THE EXISTING SYSTEM SHALL BE PREPARED WITH DRAWINGS STAMPED BY AN ENGINEER LICENSED IN THE STATE OF MISSOURI.

PROPOSED BUILDING HEIGHT AND AREA:

EXISTING BUILDING: 13,890 S.F. PER FLOOR / 3 STORY / 49'-8"

NO CHANGE TO EXISTING BUILDING HEIGHT OR AREA

PROPOSED TENANT AREA: 2,347 S.F. / 1 STORY

OCCUPANT LOAD:

PROPOSED TENANT	AREA	REQD OCC./AREA	OCCUPANTS
MERCANTILE	1,935 S.F.	1 OCC./ 80 S.F.	= 22
YOGA STUDIO (B)	1,042 S.F.	1 OCC./ 50 S.F.	= 21
TOTAL:			43

EGRESS:

1 EXITS REQUIRED AT LEVEL OF EXIT DISCHARGE PER TABLE 1006.2.1

EGRESS WIDTH (IBC 1005.3.1) = 43 OCCUPANTS x 2' = 8'

-MINIMUM REQUIRED WIDTH PER IBC 1010.1.1 (SIZE OF DOORS) = 32"

1 EXIT PROVIDED AT 36"

PLUMBING FIXTURE REQUIREMENTS:

SPACE	USE	LOAD	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN RATIO	DRINKING FOUNTAINS	
			MALE	FEMALE	MALE	FEMALE			
M	22	1/500	0.05	0.05	1/750	0.02	0.02	1/1,000	0.01
B	21	1/25 FOR 1ST 50 AND 1/50 FOR REMAINDER	0.42	0.42	1/40 FOR 1ST 80 AND 1/80 FOR REMAINDER	0.54	0.54	1/100	0.21
SUBTOTALS			47	47	56	56			22
REQUIRED			1	1	1	1			2
TOTAL PROVIDED			1	1	1	1			NOTE 2

NOTES:

- SERVICE SINK TO BE PROVIDED IN UTILITY CLOSET
- DRINKING FOUNTAINS WILL BE SUBSTITUTED FOR THIS PROJECT. PER ADOPTED CITY OF LEE'S SUMMIT ORDINANCE SEC. 7-403. WATER COOLERS OR BOTTLED WATER DISPENSERS SHALL BE PERMITTED TO BE SUBSTITUTED FOR DRINKING FOUNTAIN REQUIREMENT.

SIGNAGE:

PRIOR TO FABRICATION AND INSTALLATION OF ANY EXTERIOR SIGNS, SIGN PERMIT APPLICATION WILL BE GENERATED AND APPROVED BY THE REGULATING AUTHORITY

DEFERRED SUBMITTALS:

THE FOLLOWING APPROVED DEFERRED SUBMITTAL ITEMS AND/OR DESIGN DRAWINGS SHALL BE SUBMITTED BY THE RESPONSIBLE DESIGN PROFESSIONAL TO BUILDING SAFETY FOR REVIEW NOT MORE THAN SIXTY (60) DAYS AFTER THE DATE THAT THE BUILDING PERMIT IS ISSUED AND PRIOR TO THE WORK BEING PERFORMED.

- AUTOMATIC SPRINKLER SYSTEM
- FIRE ALARM SYSTEMS

CONTRACTOR SUBMITTALS:

BY SUBMITTING SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS TO THE OWNER AND REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE THAT THE CONTRACTOR HAS:

- REVIEWED AND APPROVED THEM
- DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS, AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, OR WILL DO SO
- CHECKED AND COORDINATED THE INFORMATION WITH THE REQUIREMENTS OF THE WORK AND OF THE CONSTRUCTION DOCUMENTS.

THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK FOR WHICH THE CONTRACT DOCUMENTS REQUIRE SUBMITTALS UNTIL THE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT AND/OR BUILDING OFFICIAL.

THE REGISTERED DESIGN PROFESSIONAL SHALL REVIEW EACH SUBMITTAL FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT OF THE PROJECT. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM THE CONTRACT DOCUMENTS BY REVIEW AND APPROVAL OF THE SHOP DRAWINGS, PRODUCT DATA, SAMPLES, OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS INDICATED IN WRITING OF SUCH DEVIATION AT THE TIME OF THE SUBMITTAL AND:

- THE REGISTERED DESIGN PROFESSIONAL HAS GIVEN WRITTEN APPROVAL FOR THE DEVIATION AS A MINOR CHANGE IN THE WORK, OR
- A CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE HAS BEEN ISSUED AUTHORIZING THE DEVIATION.

NOTES

SAFEGUARDS DURING CONSTRUCTION:

GENERAL:

- CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED AND PLACED SO AS NOT TO ENDANGER THE PUBLIC, THE WORKERS OR ADJOINING PROPERTY FOR THE DURATION OF THE CONSTRUCTION PROJECT.

CONSTRUCTION SAFEGUARDS:

- REQUIRED EXITS, EXISTING STRUCTURAL ELEMENTS, FIRE PROTECTION DEVICES, AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES DURING REMODELING, ALTERATIONS, REPAIRS OR ADDITIONS TO ANY BUILDING OR STRUCTURE.
- EXCEPTION: WHEN SUCH REQUIRED ELEMENTS OR DEVICES ARE BEING REMODELED, ALTERED OR REPAIRED, ADEQUATE SUBSTITUTE PROVISIONS SHALL BE MADE.
- EXCEPTION: WHEN EXISTING BUILDING IS NOT OCCUPIED.
- WASTE MATERIALS SHALL BE REMOVED IN A MANNER WHICH PREVENTS INJURY OR DAMAGE TO PERSONS, ADJOINING PROPERTIES AND PUBLIC RIGHTS-OF-WAY.

SANITARY:

- SANITARY FACILITIES SHALL BE PROVIDED DURING CONSTRUCTION, REMODELING, OR DEMOLITION ACTIVITIES IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE.

PROTECTION OF PEDESTRIANS:

- PEDESTRIANS SHALL BE PROTECTED DURING CONSTRUCTION, REMODELING, AND DEMOLITION ACTIVITIES AS REQUIRED BY CHAPTER 33. SIGNS SHALL BE PROVIDED TO DIRECT PEDESTRIAN TRAFFIC.

- CONSTRUCTION RAILINGS SHALL BE AT LEAST 42 INCHES IN HEIGHT AND SHALL BE SUFFICIENT TO DIRECT PEDESTRIANS AROUND CONSTRUCTION AREAS.

- PEDESTRIAN PROTECTION REQUIRED BY THIS SECTION SHALL BE MAINTAINED IN PLACE AND KEPT IN GOOD ORDER FOR THE ENTIRE LENGTH OF TIME PEDESTRIANS MAY BE ENDANGERED.

- UPON COMPLETION OF THE CONSTRUCTION ACTIVITY, SHALL IMMEDIATELY REMOVE WALKWAYS, DEBRIS AND OTHER OBSTRUCTIONS AND LEAVE SUCH PUBLIC PROPERTY IN AS GOOD A CONDITION AS IT WAS BEFORE WORK COMMENCED.

- ALL COVERED WALKWAYS, BARRIERS AND BARRICADES SHALL BE IN ACCORDANCE WITH SECTION 3308 OF THE INTERNATIONAL BUILDING CODE.

PROTECTION OF ADJOINING PROPERTY:

- ADJOINING PUBLIC AND PRIVATE PROPERTY SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, REMODELING, AND DEMOLITION WORK. PROVISIONS SHALL BE MADE TO CONTROL WATER RUNOFF AND EROSION DURING CONSTRUCTION OR DEMOLITION ACTIVITIES.

TEMPORARY USE OF STREETS, ALLEYS, AND PUBLIC PROPERTY:

- THE TEMPORARY USE OF STREETS OR PUBLIC PROPERTY FOR THE STORAGE OR HANDLING OF MATERIALS OR OF EQUIPMENT REQUIRED FOR CONSTRUCTION OR DEMOLITION, AND THE PROTECTIONS PROVIDED TO THE PUBLIC SHALL COMPLY WITH THE PROVISIONS OF THE AUTHORITY HAVING JURISDICTION AND SECTION 3308 OF THE INTERNATIONAL BUILDING CODE.

- CONSTRUCTION MATERIALS AND EQUIPMENT SHALL NOT BE PLACED OR STORED SO AS TO OBSTRUCT ACCESS TO FIRE HYDRANTS, STANDPIPES, FIRE OR POLICE ALARM BOXES, CATCH BASINS OR MANHOLES, NOR SHALL SUCH MATERIAL OR EQUIPMENT BE LOCATED WITHIN 20 FEET OF A STREET INTERSECTION, OR PLACED SO AS TO OBSTRUCT NORMAL OBSERVATIONS OF TRAFFIC SIGNALS OR TO HINDER THE USE OF PUBLIC TRANSIT LOADING PLATFORMS.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY CONSTRUCTION DEBRIS FROM PUBLIC ROADWAYS OR SIDEWALKS.

AUTOMATIC SPRINKLER SYSTEM

- IN BUILDINGS WHERE AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED BY THE INTERNATIONAL BUILDING CODE IT SHALL BE UNLAWFUL TO OCCUPY ANY PORTION OF A BUILDING OR STRUCTURE UNTIL THE AUTOMATIC SPRINKLER SYSTEM INSTALLATION HAS BEEN TESTED AND APPROVED.

- OPERATION OF SPRINKLER CONTROL VALVES SHALL BE PERMITTED ONLY BY PROPERLY AUTHORIZED PERSONAL AND SHALL BE ACCOMPANIED BY NOTIFICATION OF DULY DESIGNATED PARTIES.

- WHEN THE SPRINKLER PROTECTION IS BEING REGULARLY TURNED OFF AND ON TO FACILITATE CONNECTION OF NEWLY COMPLETED SEGMENTS, THE SPRINKLER CONTROL VALVES SHALL BE CHECKED AT THE END OF EACH WORK PERIOD TO ASCERTAIN THAT THE PROTECTION IS IN SERVICE.

FIRE EXTINGUISHERS

- ALL STRUCTURES UNDER CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE PROVIDED WITH NOT LESS THAN ONE APPROVED PORTABLE FIRE EXTINGUISHER IN ACCORDANCE WITH SECTION 906 AND SIZED FOR NOT LESS THAN ORDINARY HAZARD AS FOLLOWS:

- @ EACH STAIRWAY ON ALL FLOOR LEVELS WHERE COMBUSTIBLE MATERIALS HAVE ACCUMULATED.

- IN EVERY STORAGE AND CONSTRUCTION SHED.

- ADDITIONAL PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED WHERE SPECIAL HAZARDS EXIST, SUCH AS THE STORAGE AND USE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS.

EXITS

- REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, DEMOLITION, REMODELING, OR ALTERATIONS AND ADDITIONS TO ANY BUILDING.

DOCUMENT DISTRIBUTION AND BIDDING:

BY SUBMITTING A PROPOSAL FOR THE PROPOSED SCOPE OF WORK THE CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING:

- REVIEW THE EXISTING CONDITIONS AT THE SITE.
- REVIEW THE ENTIRE SET OF CONSTRUCTION DOCUMENTS
- NOTIFY THE ARCHITECT OF ANY DEVIATION FROM THE REPRESENTED SCOPE OF WORK AND SUBMITTED BID PROPOSAL.
- PROVIDE SUBMITTALS FOR REVIEW OF PRIMARY PROJECT COMPONENTS COORDINATE THE PROPOSED SCOPES OF WORK TO PROVIDE A COMPREHENSIVE BID
- CONTRACT DOCUMENTS MAY ONLY BE MODIFIED BY OFFICIAL ADDENDUM, ASI, RFP, ETC. ISSUED BY THE ARCHITECT.
- PERFORM REQUIRED SPECIAL INSPECTIONS AND PROVIDE ARCHITECT WITH A COPY OF REPORTS AS THEY ARE PERFORMED.

ALTERNATE BIDS:

-

YOGA 6 AT DISCOVERY

1900 NE DISCOVERY AVE - STE. 122, LEES SUMMIT, JACKSON COUNTY, MO 64064

ARCHITECT: SAI ARCHITECTURE
210 PARK AVENUE
COLUMBIA, MO 65203
573-874-1818

MEP: J-SQUARED ENGINEERING
2400 BLUFF CREEK DR., SUITE 101
COLUMBIA, MO 65201
573-234-4492

DRAWING INDEX

SHEET # | DESCRIPTION

PROJECT INFORMATION (SIMON ASSOCIATES)

G100 COVER SHEET / CODE REVIEW

G110 ADA REQUIREMENTS

ARCHITECTURAL (SIMON ASSOCIATES)

A100 FOUNDATION PLAN

A100 FLOOR PLAN / REFLECTED CEILING PLAN / WALL TYPES

A101 FINISH PLAN / WALL DETAILS

A400 INTERIOR ELEVATIONS

A400 SCHEDULES

MECHANICAL (J-SQUARED)

MEP1 COVER SHEET

M101 HVAC PLAN

M601 HVAC DETAILS

M601 HVAC SCHEDULES

ELECTRICAL (J-SQUARED)

EP101 POWER PLAN

EL101 LIGHTING PLAN

ES01 SCHEDULES

PLUMBING (J-SQUARED)

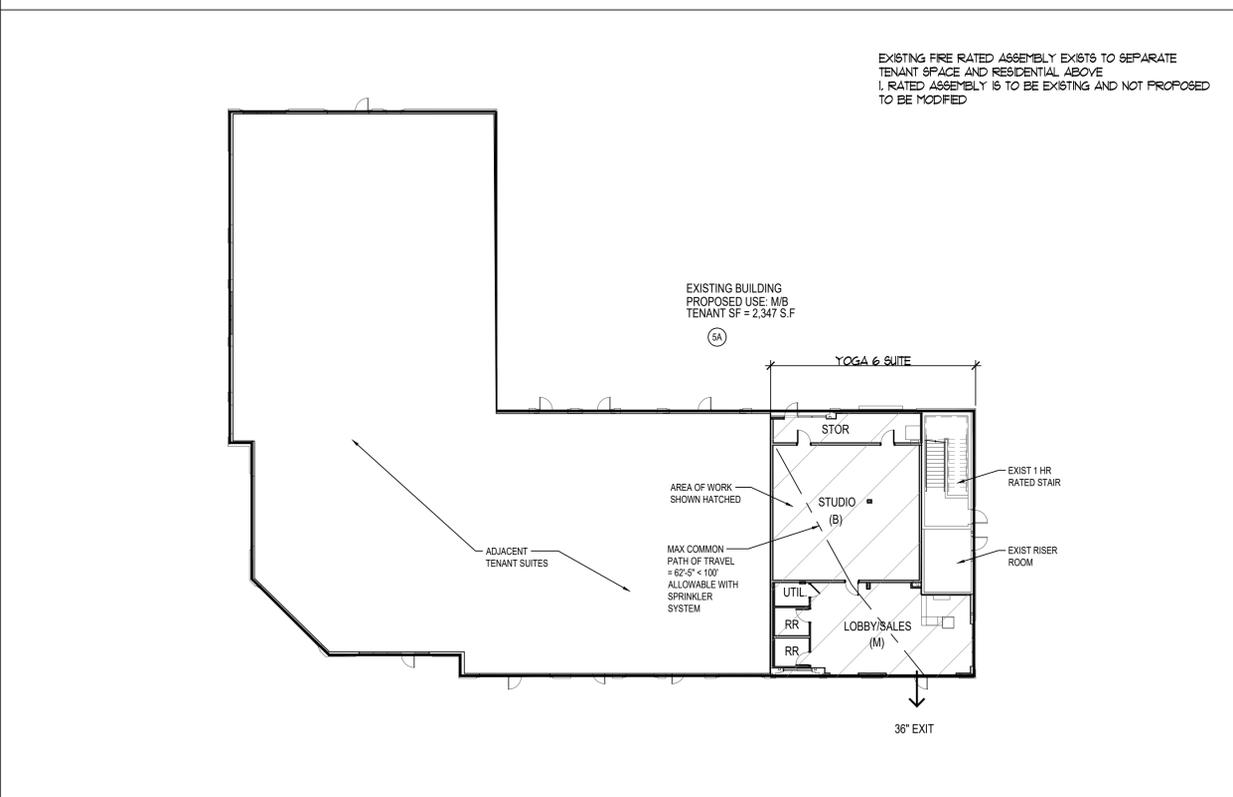
PS101 SANITARY SEWER PLAN

PW101 WATER AND GAS PLAN

P601 PLUMBING DETAILS

ORIGINAL	02/12/2026	REVISION #1	00/06/2026	REVISION #2	DATE	REVISION #3	DATE	REVISION #4	DATE

KEY PLAN



3/6/2026
JASON K. TEGERDINE
ARCHITECT MO# A-2019003788

Missouri Certificate of Authority
000644

THE ARCHITECT TAKES RESPONSIBILITY FOR THE DRAWINGS BEARING THIS SEAL AND DISCLAIMS RESPONSIBILITY FOR ALL OTHER DRAWINGS IN THE SET



210 Park Avenue
Columbia, Missouri 65203
Phone: 573-874-1818

WWW.SAIARCHITECTURE.COM

YOGA 6
PROJECT #25090
1900 NE DISCOVERY AVE, STE # 122, LEES SUMMIT, COUNTY, MO, 64064

REVISIONS:

NO. DATE & DESCRIPTION:

△ REV1 26-03-06 SUITE NUMBER

G100

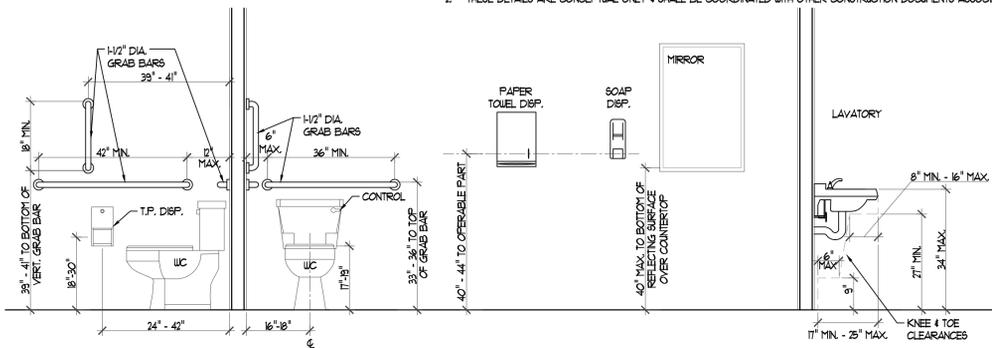
COVER SHEET & CODE NOTES

CONSTRUCTION DOCUMENTS

DATE ISSUED: 2/12/2026

ACCESSIBILITY REQUIREMENTS

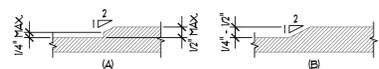
GENERAL ACCESSIBILITY NOTES:
 1. THE INDICATED DIMENSIONS, HEIGHTS, DEPTHS, ETC. ARE PROVIDED AS THE MINIMUM STANDARDS THAT MUST BE MET.
 2. THESE DETAILS ARE CONCEPTUAL ONLY & SHALL BE COORDINATED WITH OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT.



TYP. RESTROOM MOUNTING HEIGHTS & CLEARANCES

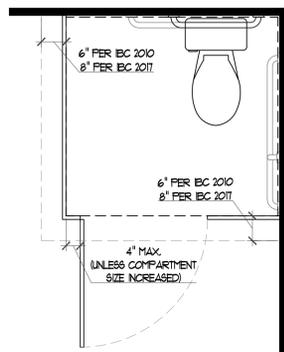
SCALE: 1/2"=1'-0"

RESTROOM NOTES:
 1. A MINIMUM OF ONE (1) WATER CLOSET IS REQUIRED TO BE ACCESSIBLE. SEE PLANS FOR LOCATION OF ACCESSIBLE FIXTURES.



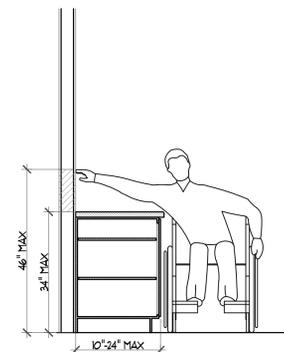
TYP. CHANGES IN FLR. LEVEL

SCALE: 3"=1'-0"
 NOTE: CHANGES IN LEVEL GREATER THAN 1/4" SHALL CONFORM TO OPTION 'A' OR 'B' ABOVE



COMPARTMENT TOE CLEAR

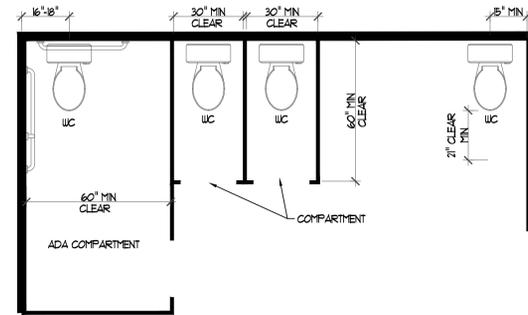
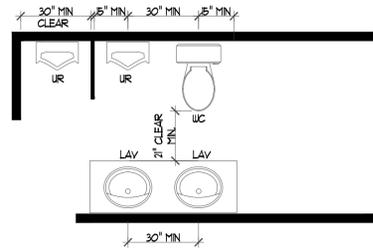
SCALE: 1/2"=1'-0"



TYP. OBSTRUCTED SIDE REACH CLEAR.

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

PLUMBING FIXTURE CLEARANCES

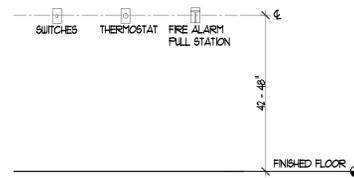


TYP. PLUMBING FIXTURE CLEARANCE

SCALE: NTS

GENERAL CLEARANCE NOTES:
 1. BASIS OF INFORMATION OF DIMENSIONS PER IPC SEC. 405
 2. THE INDICATED DIMENSIONS ARE PROVIDED AS THE MINIMUM STANDARDS THAT MUST BE MET.
 3. THESE DETAILS ARE CONCEPTUAL ONLY & SHALL BE COORDINATED WITH OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT.

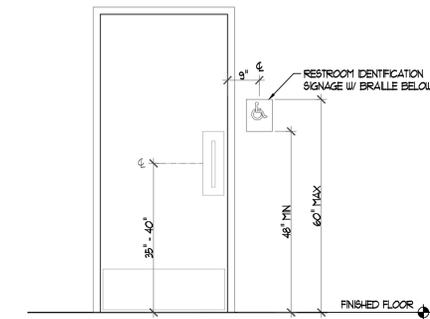
TYPICAL MOUNTING HEIGHTS



DEVICES AND SWITCHES

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

NOTE: DIMENSION SHALL BE MEASURED TO THE HIGHEST OPERABLE PART OF THE DEVICE OR SWITCH.



TYP. ACCESSIBLE RESTROOM SIGNAGE

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

COMMON ABBRV'S

- A.F.F. ABOVE FINISHED FLOOR
- A.H.U. AIR HANDLING UNIT
- B.O. BOARD
- B.L.G. BUILDING
- B.R.G. BEARING
- C.A.B.T. CABINET
- C.E.L. CLEAR FLOOR
- C.L. CENTER LINE
- CLEAR CLEAR
- C.C.O. CLOSET
- C.O.L. COLLUM
- CONC. CONCRETE
- CONT. CONTINUOUS
- CPT. CARPET
- DEMO DEMO
- D.I.A. DIAMETER
- D.I.S.P. DISPENSER
- D.O. DO NOT DISTURB
- D.N.D. DOUBTS/DOT
- D.S. DETAIL
- D.T.L. DRY-WASHER
- D.U. DUG
- D.U.G. DUG
- E.A. EACH
- E.E.C. ELECTRICAL
- ELEV. ELEVATION
- F.D. FLOOR DRAIN
- F.F. FIRE EXTINGUISHER
- F.N. FINISH
- F.L.R. FLOOR
- F.N.D. FOUNDATION
- F.S. FLOOR SINK
- F.F.T. FOOTING
- FURN. FURNITURE
- G.Y.P. GYPSUM
- H.B. HOSE BIBB
- H.M. HOLLOW METAL
- H.T. HEIGHT
- I.B.C. INTERNATIONAL BUILDING CODE
- INSUL. INSULATION
- LAV. LAVATORY
- MAX. MAXIMUM
- MECH. MECHANICAL
- MFR. MANUFACTURER
- MICRO. MICROGRAVE
- MIN. MINIMUM
- M.R. MOISTURE-RESISTANT
- M.T.L. METAL
- N.I.C. NOT IN CONTRACT
- N.T.S. NOT TO SCALE
- O.C. ON CENTER
- O.H. OVERHANG
- O.H.D. OVERHEAD DOOR
- OPF. OPPOSITE
- P.B. FIRE BOLLARD
- P.E.M.B. PRE-ENGINEERED METAL BUILDING
- P.N.L. PANEL
- POR. PORCELAIN
- R.C.P. REFLECTED CEILING PLAN
- REFRIG. REFRIGERATOR
- REQ'D. REQUIRED
- REQUIREMENTS REQUIREMENTS
- S.T.L. STEEL
- SUSP. SUSPENDED
- T.B.D. TO BE DETERMINED
- TYP. TYPICAL
- UNO. UNLESS NOTED OTHERWISE
- V.F. VERIFY IN FIELD
- W. WITH
- W.B. WASHER BOX
- W.C. WATER CLOSET
- W.H. WATER HEATER
- W.P. WATER PROOF



3 / 6 / 2026
 JASON K. TEGEDINE
 ARCHITECT MO# A-2019003788

Missouri Certificate of Authority
 # 000644

THE ARCHITECT TAKES
 RESPONSIBILITY FOR THE DRAWINGS
 BEARING THIS SEAL AND DISCLAIMS
 RESPONSIBILITY FOR ALL OTHER
 DRAWINGS IN THE SET



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RESPONSIBILITY MATRIX

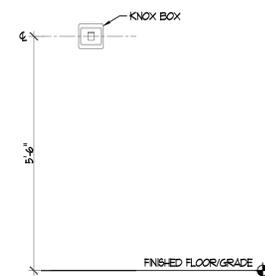
Description	FRCHS		CONTRACTOR (G.C.)		Remarks
	Furnish	Install	Furnish	Install	
General Requirements (Division 1)					
1. Building Permits	-	-	-	-	Permits & Fees paid by G.C. Architect can also submit permits if submission is available online
2. Third Party Inspection	-	-	-	-	A. Test and Balance Any 3rd party inspection required by City
3. Temporary Utilities	-	-	-	-	
4. Final Clean Up	-	-	-	-	
5. Insurance	-	-	-	-	
6. Protection of all Finished Surfaces	-	-	-	-	Both Franchise Partner and G.C.
7. Temporary Labor	-	-	-	-	
8. Dumpster	-	-	-	-	
9. Storage Container	-	-	-	-	* When applicable, G.C. will coordinate and provide storage container for Franchise Partner furnished items during the last two weeks of construction.
Finish & Materials (Division 4)					
1. Wood Framing - Study, Beeking	-	-	-	-	
2. Wood Carpentry - Casework, Millwork	-	-	-	-	G.C. is responsible for receiving, storing, and protecting all millwork on site. See millwork installation instructions for specific sizes and unit details.
A. Reception Desk	-	-	-	-	G.C. to set in place
B. Cabinetry	-	-	-	-	G.C. to set in place
C. Bench	-	-	-	-	G.C. to set in place
D. 2 or 4-Way Display	-	-	-	-	G.C. to set in place
E. Weight Cabinet	-	-	-	-	G.C. to set in place
F. Size Wall	-	-	-	-	G.C. to set in place
Thermal & Moisture (Division 7)					
1. Roofing Penetrations	-	-	-	-	
2. Insulation - Interior Walls	-	-	-	-	
3. Insulation - Roof Edge	-	-	-	-	

Description	FRCHS		CONTRACTOR (G.C.)		Remarks
	Furnish	Install	Furnish	Install	
Signage (Division 9)					
1. Interior Doors & Frames	-	-	-	-	Welded frame at any in/out doors to Studio area
2. Hollow Metal Frames	-	-	-	-	
3. Door Hardware	-	-	-	-	
4. Entrances & Storefront (If req'd)	-	-	-	-	
5. Mirrors	-	-	-	-	
6. Rear Service Door	-	-	-	-	G.C. to bring rear door to proper working order
Finishes (Division 9)					
1. Synthetic Flooring	-	-	-	-	Owner purchased through SPS vendor, G.C. to install
2. Wall Tile	-	-	-	-	
3. Vinyl Flooring	-	-	-	-	
4. Carpet	-	-	-	-	
5. Wall Base	-	-	-	-	
6. Floor Tile	-	-	-	-	Owner purchased through SPS vendor, G.C. to install
7. Paint	-	-	-	-	
8. Acoustic Ceiling Tile	-	-	-	-	
Partitions (Division 12)					
1. Hand Towel Dispensers in Restroom	-	-	-	-	Optional Citas or G.C. furnish and install
2. Toilet Paper Dispensers	-	-	-	-	Optional Citas or G.C. furnish and install
3. Sanitary Napkin Dispensers (Women's)	-	-	-	-	Optional Citas or G.C. furnish and install
5. Changing Room Curtain Rod	-	-	-	-	When applicable, dependent on layout
6. Restroom & Exercise Room Mirrors	-	-	-	-	See YogoSix specifications
7. Fire Extinguishers	-	-	-	-	
8. All Specialty Signage per Code	-	-	-	-	
Equipment (Division 10)					
1. Worknet Equipment	-	-	-	-	Weights, Bolsters, Blocks, Straps and Berths, Mats.

Description	FRCHS		CONTRACTOR (G.C.)		Remarks
	Furnish	Install	Furnish	Install	
Furnishings (Division 12)					
1. Signage	-	-	-	-	Required signage vendor
A. Exterior Signage	-	-	-	-	
B. Lobby Signage	-	-	-	-	
C. Studio Signage	-	-	-	-	
D. Wall Graphics	-	-	-	-	
E. ADA & tactile Signage per Code	-	-	-	-	
2. Storage Room Shelving	-	-	-	-	
Plumbing (Division 22)					
1. Water Closet & Lavatory	-	-	-	-	See YogoSix specifications
2. Trap-rink (at back-flow preventer)	-	-	-	-	
3. Floorwater	-	-	-	-	See YogoSix specifications
4. Hot Water Closet	-	-	-	-	
5. Washer/Dryer	-	-	-	-	See YogoSix specifications
HVAC (Division 23)					
1. Thermostats & Remote Sensors	-	-	-	-	See YogoSix Heating Package Standards
2. HVAC Equipment	-	-	-	-	
A. Heater	-	-	-	-	When applicable, See YogoSix Heating Package Standards
B. Duct/Box	-	-	-	-	See YogoSix Heating Package Standards
C. Humidifier * if applicable	-	-	-	-	See YogoSix Heating Package Standards
D. UV Light	-	-	-	-	
E. Exhaust Fan	-	-	-	-	
3. HVAC Equipment & Change at Const. Turnover to Franchisee	-	-	-	-	
Electrical (Division 26)					
1. Light Fixtures	-	-	-	-	Franchisee Partner to order through required vendor per vendor list, G.C. to install
2. Light Fixture Light Bulbs (Lamps)	-	-	-	-	
A. Fire Alarm System (if required)	-	-	-	-	
3. Electrical Panels	-	-	-	-	When applicable
Communication (Division 27)					
1. Telephone Equipment Installation	-	-	-	-	
2. Telephone Rector Box at Demark	-	-	-	-	
3. Audio/Visual System	-	-	-	-	Required vendor
4. Pre-wire for Audio/Visual	-	-	-	-	
5. A/V Equipment	-	-	-	-	
6. Check-in Tables	-	-	-	-	
7. Camera	-	-	-	-	

KNOX BOX MOUNT HEIGHT

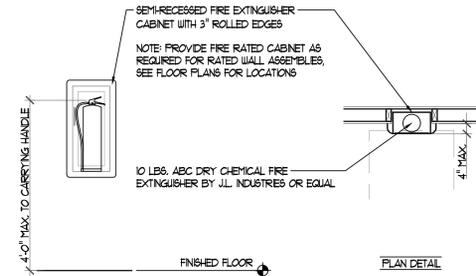
SCALE: 1/2"=1'-0"



KNOX BOX NOTES:
 1. CONTRACTOR TO INSTALL NEW IF NONE EXISTS
 2. KNOX BOX BRAND SECURED KEY BOX REQUIRED.
 3. COORD. LOCATION WITH FIRE DEPT.

FIRE EXT. INSTALLATION DET.

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



FIRE EXTINGUISHER NOTES:
 1. FIRE EXTINGUISHERS WEIGHING MORE THAN 40 POUNDS SHALL BE INSTALLED SO THAT THE CARRYING HANDLE IS NOT MORE THAN 42" ABOVE THE FLOOR.
 2. CLEARANCE BETWEEN THE FLOOR AND THE BOTTOM OF INSTALLED FIRE EXTINGUISHERS SHALL NOT BE LESS THAN 4"
 3. PROVIDE CLASS K ULET CHEMICAL EXTINGUISHERS AT COMMERCIAL KITCHEN LOCATIONS

REVISIONS:

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G110

TYPICAL DETAILS

CONSTRUCTION DOCUMENTS

DATE ISSUED: 2 / 12 / 2026

3/6/2026

JASON K. TEGERDINE
ARCHITECT



3/6/2026
JASON K. TEGERDINE
ARCHITECT MO# A-2019003788

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Phone: 573-874-1818

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YOGA 6
PROJECT #25090
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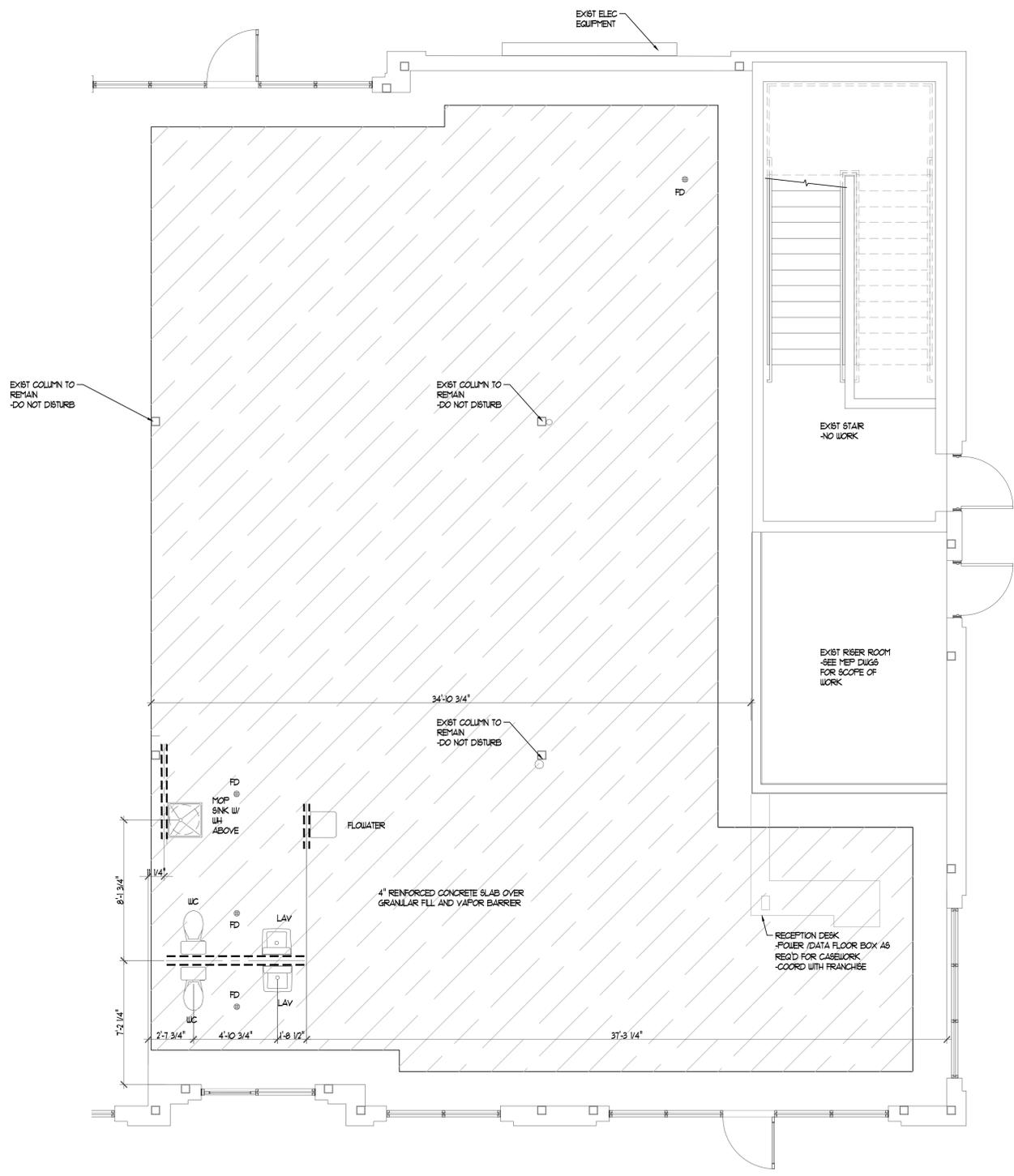
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FLOOR PLAN

CONSTRUCTION DOCUMENTS

DATE ISSUED: 2/12/2026



UNDERSLAB NOTES:
 1. THESE PLANS ARE PROVIDED FOR THE PURPOSE OF LOCATING PLUMBING FIXTURE ROUGH-INS.
 2. ALL DIMENSIONS ARE TO CENTERLINE OF PLUMBING WALL OR FIXTURE AND FACE OF WALLS AND SLABS

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



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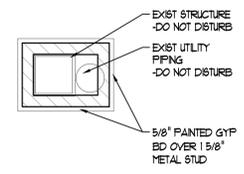
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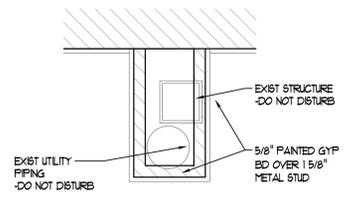
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FLOOR PLAN

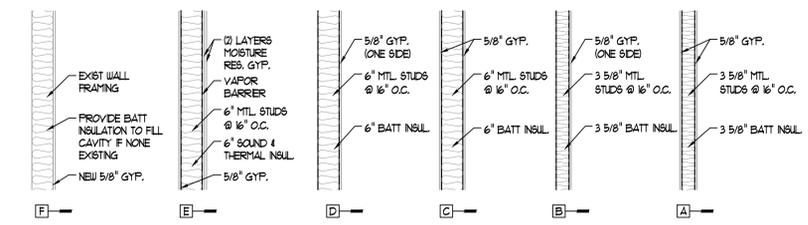
CONSTRUCTION DOCUMENTS
 DATE ISSUED: 2/12/2026



5 COLUMN DTL
 A100 SCALE: 1/2"=1'-0"

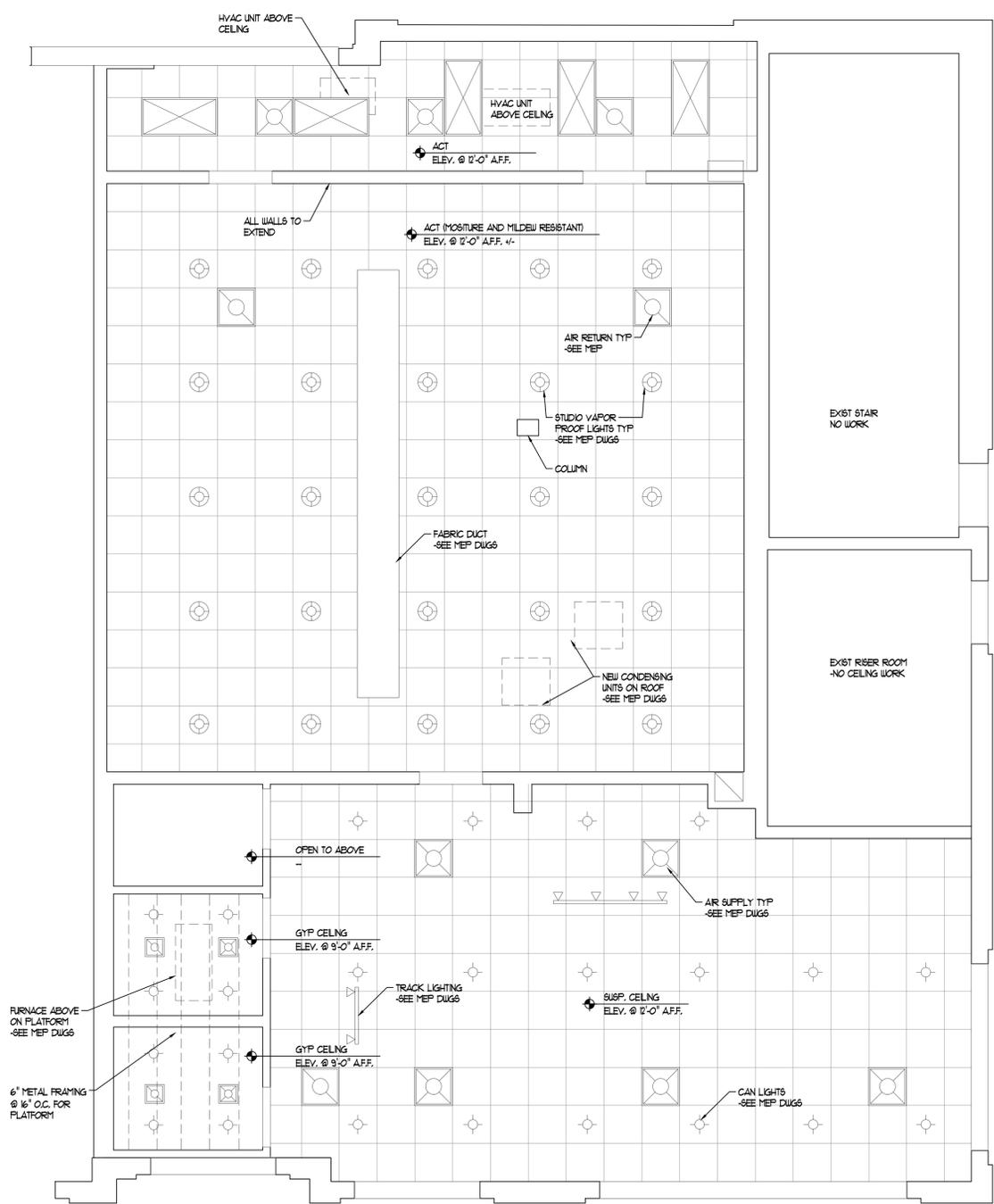


4 COLUMN DTL
 A100 SCALE: 1/2"=1'-0"



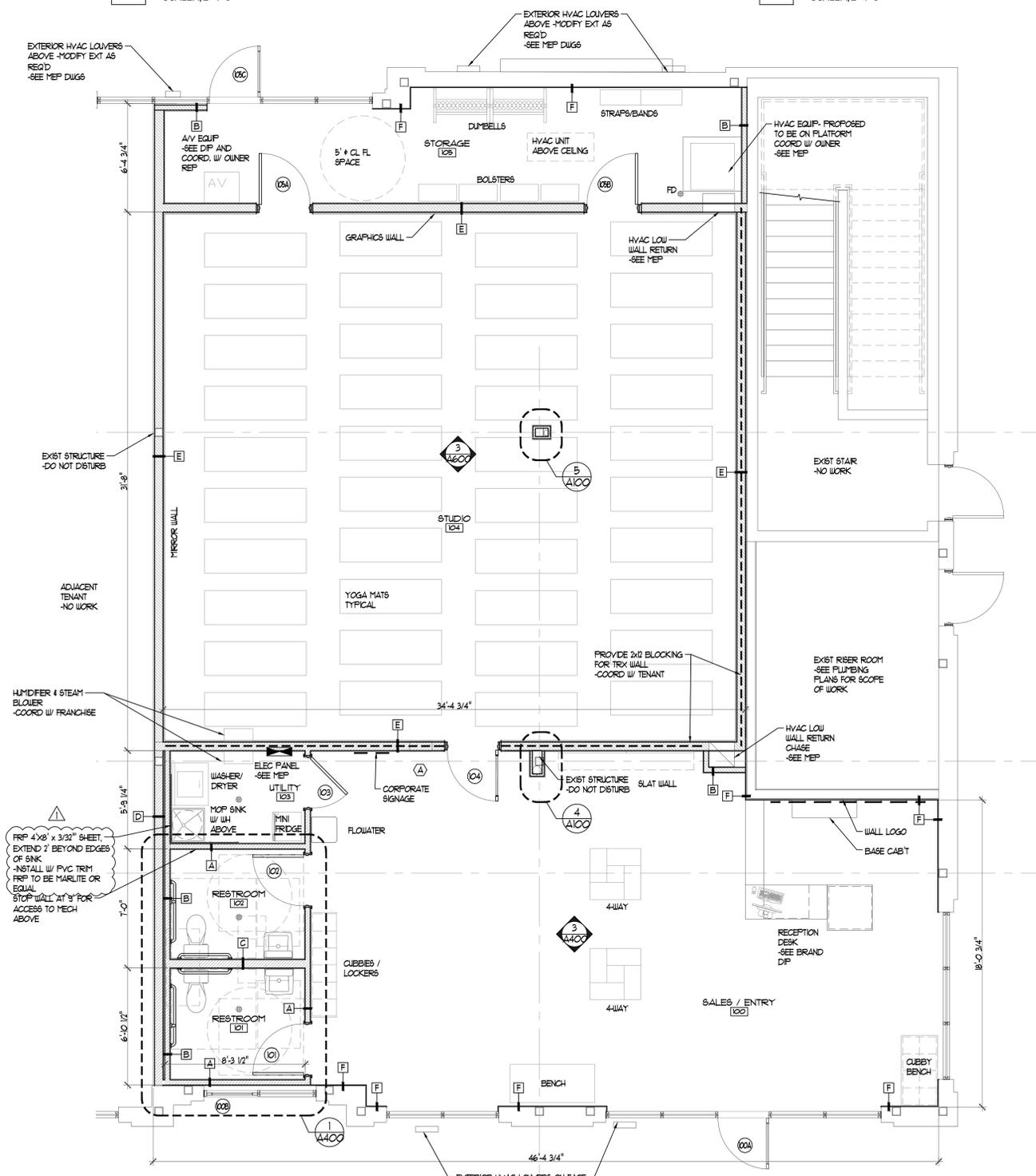
3 WALL TYPES
 A100 SCALE: 1/2"=1'-0"

- WALL NOTES:**
- UTILIZE MOISTURE RESISTANT GYP. BD. AT ALL PLUMBING WALL LOCATIONS AND AREAS SUSCEPTIBLE TO MOISTURE.
 - METAL STUD FRAMING IS ABLE TO BE SUBSTITUTED FOR WOOD FRAMING AT CONTRACTOR OPTION.
 - ALL WALLS TO EXTEND TO STRUCTURE ABOVE EXCEPT UTILITY SOUTH SIDE WALL.



- CEILING NOTES:**
- LIGHTS & DIFFUSERS SHOWN FOR REFERENCE ONLY. SEE MEP FOR DETAIL.
 - SUSPENDED CEILING SYSTEM TO BE 22 WHITE 5/16" GRID WITH WHITE REGULAR TILES, SIMILAR TO ARMSTRONG DUNE PATTERN, OR EQUAL.
 - MOISTURE AND MILDEW RESISTANT PANELS REQ'D AT STUDIO
 - INSTALL MATERIAL AND SUSPENSION SYSTEM IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
 - COORDINATE INSTALLATION WITH MECHANICAL AND ELECTRICAL WORK TO ENSURE PROPER LOCATION AND ANCHORAGE.
 - MEASURE AND LAYOUT CEILING SYSTEM TO AVOID LESS THAN HALF TILE UNITS. SCORE AND CUT TILES TO FIT ACCURATELY.
 - INSTALL HOLD DOWN CLPS AT ALL LOCATIONS WITHIN 6'-0" OF ANY BUILDING ENTRY.

2 REFLECTED CEILING PLAN
 A100 SCALE: 1/4"=1'-0"



- CONSTRUCTION NOTES:**
- DIMENSIONS ARE TO FACE OF NEW STD, CENTER LINE OF COLUMN, OR FACE OF EXISTING FINISH UNLESS OTHERWISE NOTED.

1 FLOOR PLAN
 A100 SCALE: 1/4"=1'-0"



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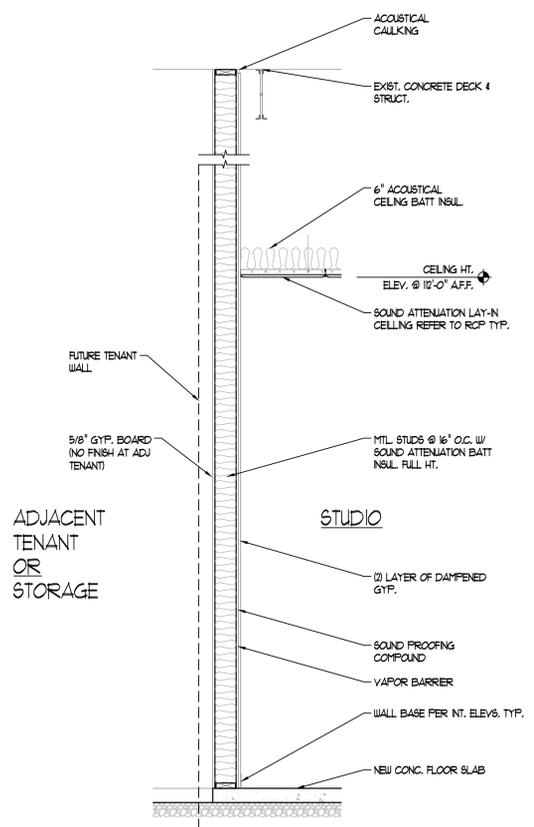
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A101

FINISH PLAN

CONSTRUCTION DOCUMENTS
 DATE ISSUED: 2/12/2026



2 STUDIO WALL SECTION
 A101 SCALE: 1/2"=1'-0"

WALL FINISH SCHEDULE					
MARK	COLOR	MFR	LOCATION	SHEEN	MISC
PT-1	SUICO6 PURE WHITE	SHERWIN WILLIAMS	ALL WALLS UNO	SEMI-GLOSS	
PT-2	SUICO6 PURE WHITE	SHERWIN WILLIAMS	STUDIO	SEMI-GLOSS (EXTERIOR GRADE)	
PT-3	CUSTOM	SHERWIN WILLIAMS	DOORS & LOBBY	SATIN	
WB-1	CHARCOAL	ROFFE	LOBBY, UTILITY, STUDIO	-	TOO SERIES

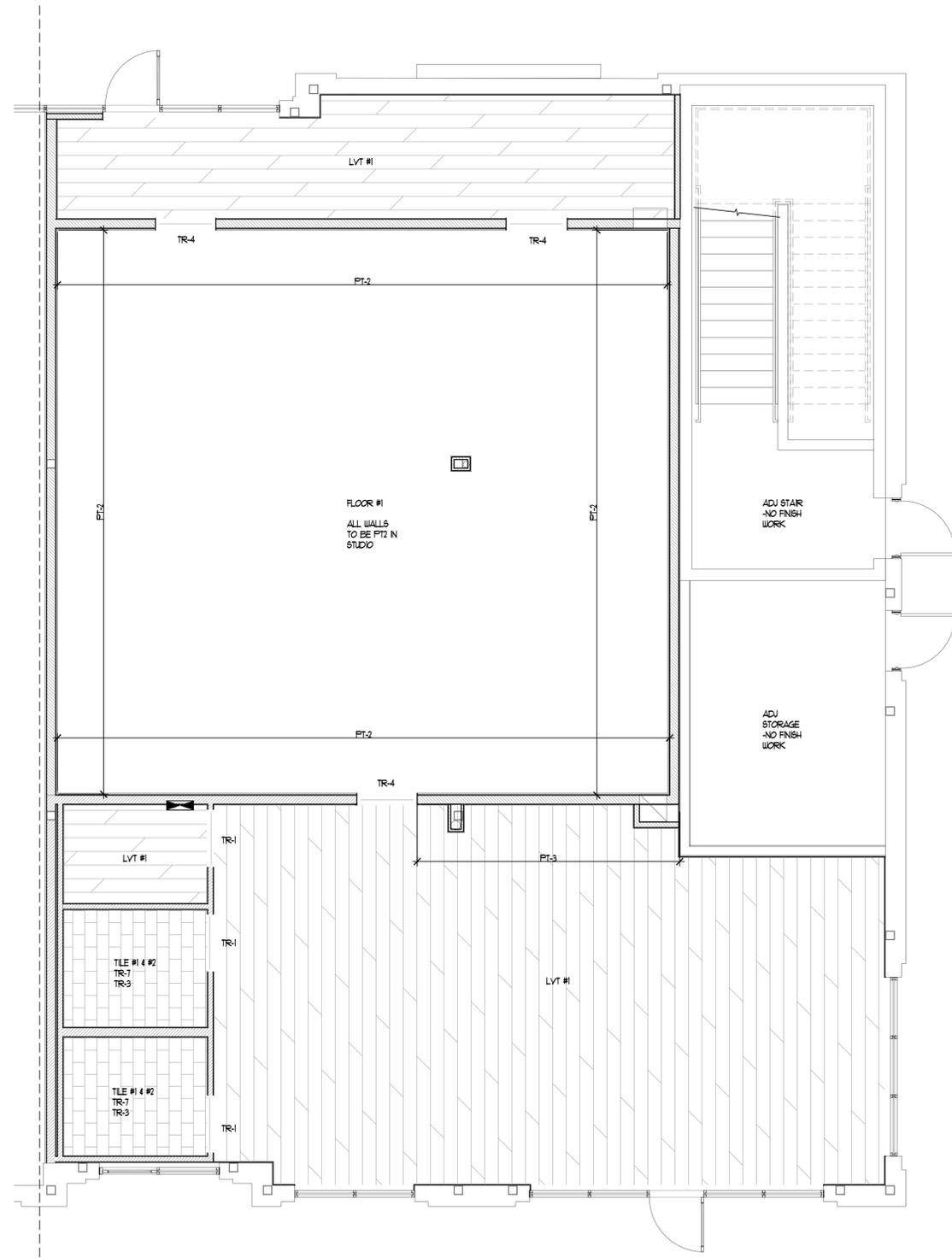
PANT NOTES:
 1. REFER TO FRANCHISE DOCUMENT FOR SPECIFIC CUSTOM COLOR MIXTURE

FLOOR/ TILE FINISH SCHEDULE					
TYPE & PRODUCT	VENDOR	LOCATION	COLOR	SIZE	MISC
FLOOR #1 - YOGA STUDIO FLOORING FVY-1	SPORT PRO SURFACING	STUDIO	SILVER OAK 1002	-	
LVT #1 - LUXURY VINYL TILE FLOORING	SPORT PRO SURFACING	LOBBY / STORAGE / UTILITY	GRAY	12" x 24"	20 ML
TILE #1 - CERAMIC FLOOR TILE	SPORT PRO SURFACING	RESTROOMS	-	12" x 24"	
TILE #2 - CERAMIC WALL TILE	SPORT PRO SURFACING	RESTROOMS	-	4" x 16"	

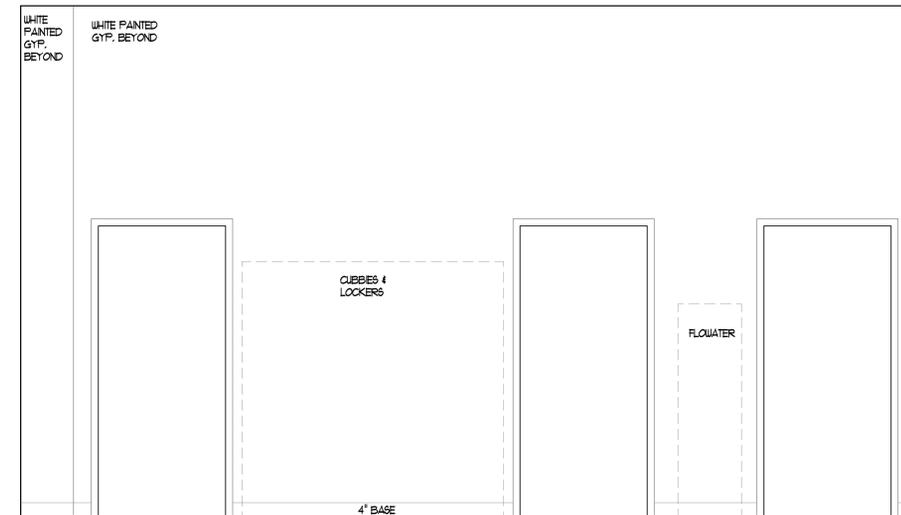
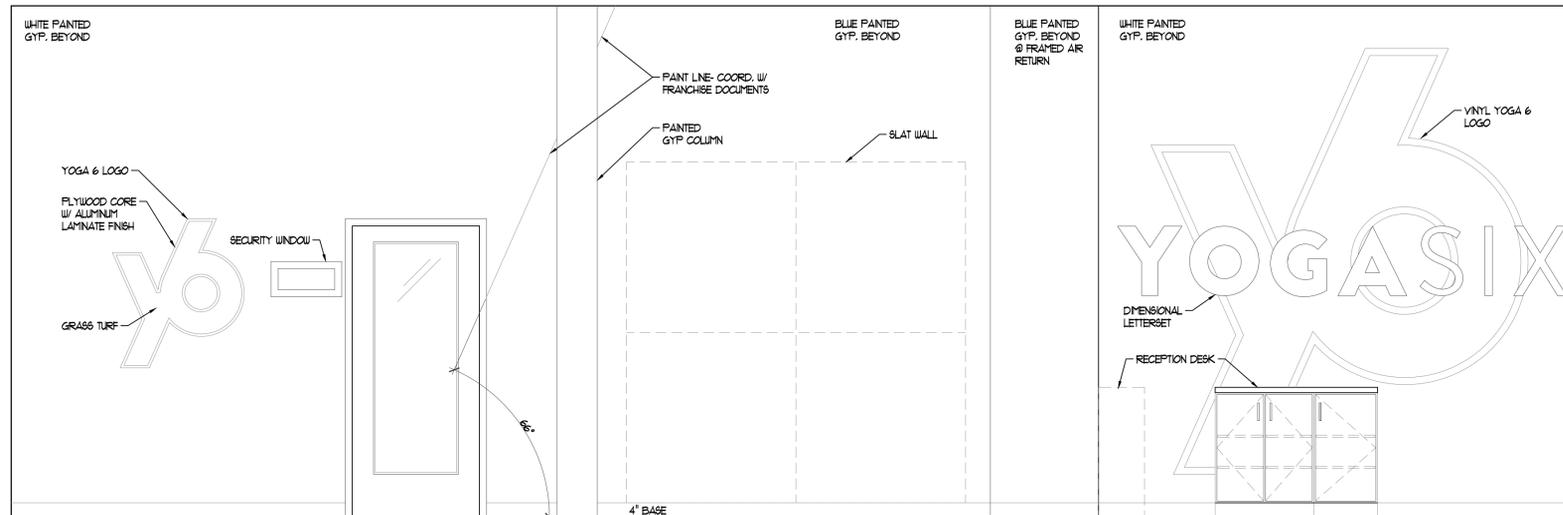
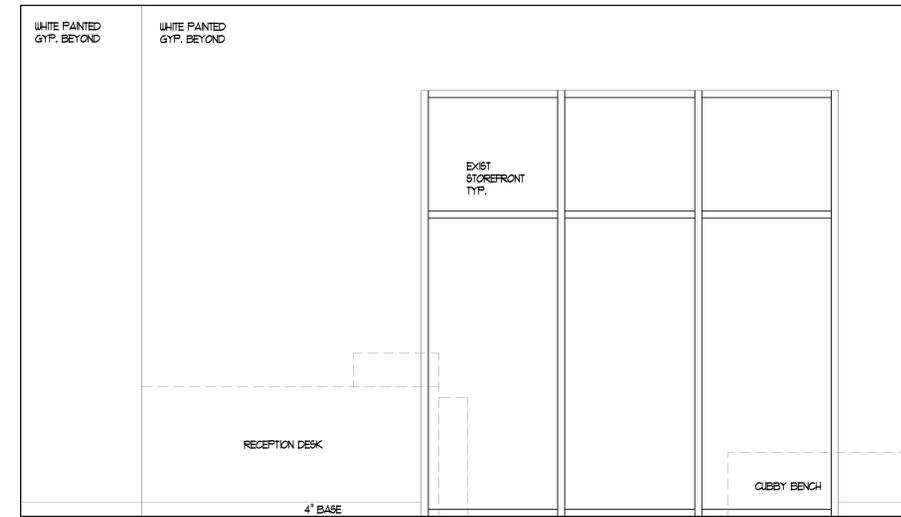
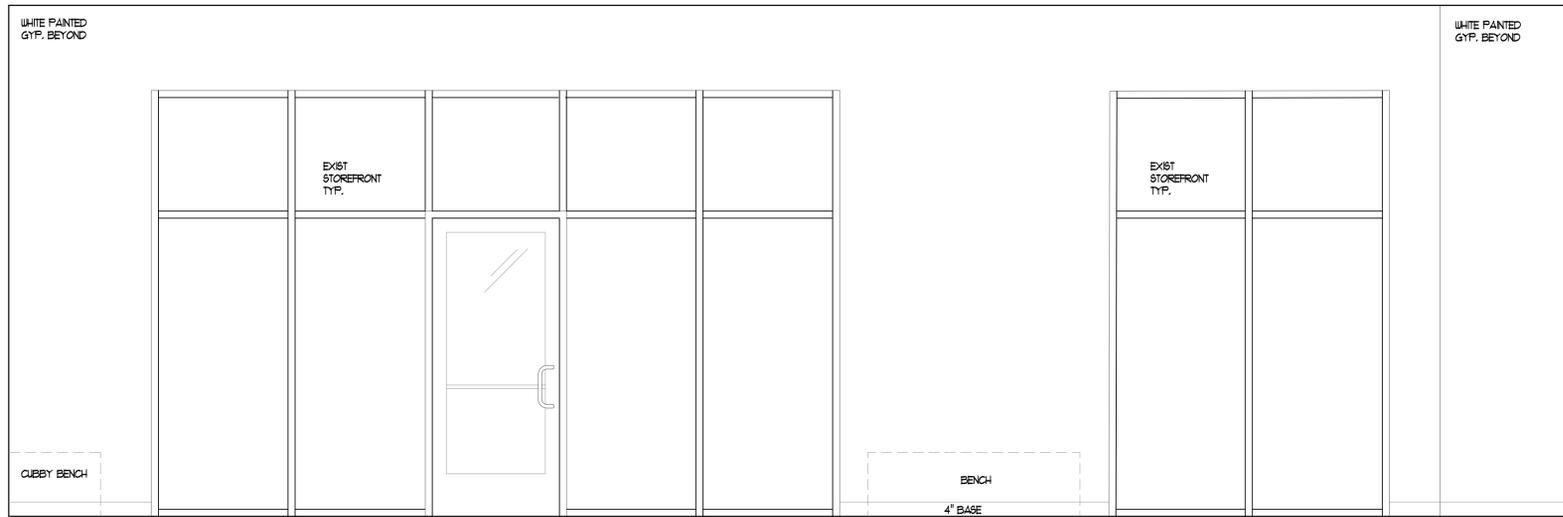
FLOOR FINISH NOTES:
 1. LVT#1: INSTALL @ 1/3 OFFSET PATTERN - LOBBY LVT TO BE INSTALLED PERPENDICULAR TO LONGEST WALL
 2. TILE #1: INSTALLED @ 1/2 OFFSET PATTERN - GROUT TO BE PERMACOLOR SELECT #34 SANDSTONE SANDED
 3. TILE #2 STACKED PATTERN 48" A.F.F. - GROUT TO BE PERMACOLOR SELECT #44 BRIGHT WHITE NONSANDED

TRANSITION FINISH SCHEDULE			
TYPE & PRODUCT	MFR	LOCATION	COLOR
TR-1 - RENOU-AGE I25	SCHLUTER	RESTROOMS TO LOBBY	ANODIZED ALUMINUM
TR-2 - QUADREC	SCHLUTER	-	BRUSHED STAINLESS STEEL
TR-3 - DILEX AHK	SCHLUTER	RESTROOMS	ANODIZED ALUMINUM
TR-4 - MODEL #66	ROFFE	STUDIO	BLACK
TR-5 - MODEL #22	ROFFE	-	BLACK
NOT USED	NOT USED	NOT USED	NOT USED
TR-7 - AE	SCHLUTER	RESTROOMS	ANODIZED ALUMINUM

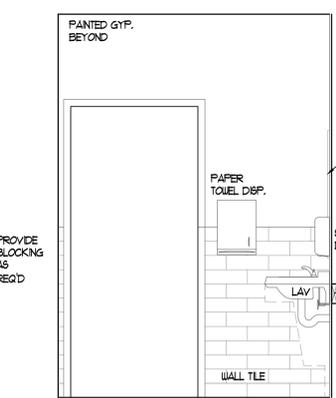
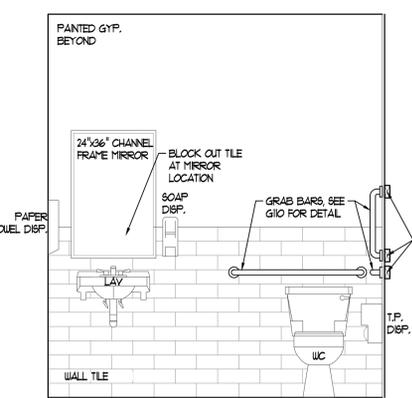
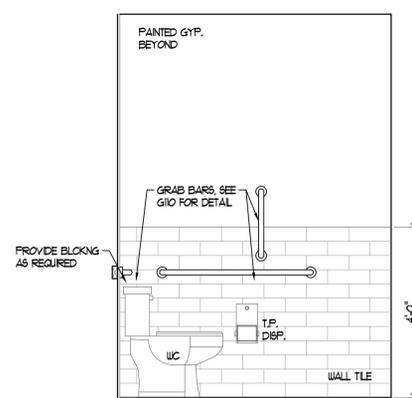
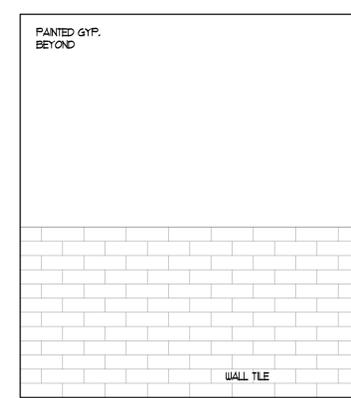
FLOOR FINISH NOTES:
 1. REFER TO FINISH PLAN FOR ALL TRANSITION LOCATIONS



1 FINISH PLAN
 A101 SCALE: 1/4"=1'-0"

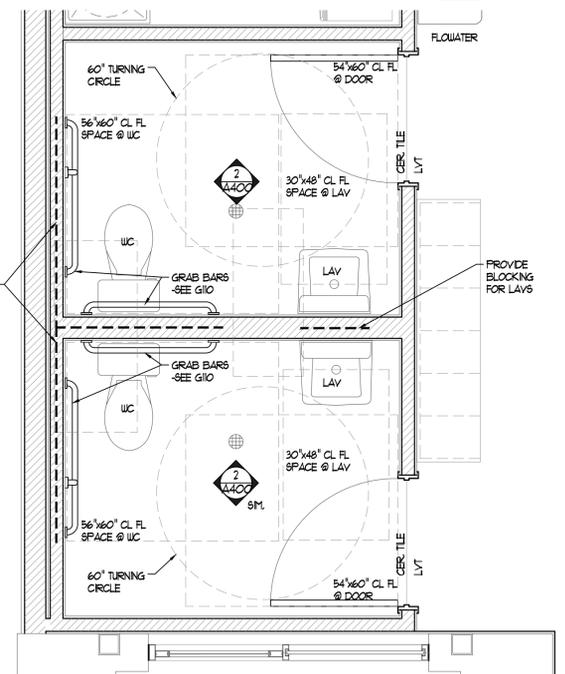


3 LOBBY ELEV.
A400 SCALE: 1/2"=1'-0"



2 RESTROOM ELEV.
A400 SCALE: 1/2"=1'-0"

TYPICAL RESTROOM NOTES:
1. PROVIDE INSULATING COVERS @ SUPPLY & DRAINS.
2. COORDINATE PRODUCT DISPENSERS WITH OWNER & FRANCHISE.
3. SEE FLOOR FINISH SCHEDULE A101



1 RESTROOM DETAIL PLAN
A400 SCALE: 1/2"=1'-0"



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YOGA 6

PROJECT #25090
1900 NE DISCOVERY AVE, STE # 122, LEES SUMMIT, COUNTY, MO, 64064

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A400

INTERIOR DETAILS PLAN

CONSTRUCTION DOCUMENTS

DATE ISSUED: 2/12/2026

ROOM FINISH SCHEDULE																	
REV NO.	RM NO.	ROOM NAME	FLOORS			WALLS						CEILING			REMARKS		
			FINISH	CLASS	BASE	NORTH	CLASS	SOUTH	CLASS	EAST	CLASS	WEST	CLASS	FINISH		CLASS	HEIGHT
	100	RECEPTION LOBBY	LVT	-	RUBBER	GYP / PAINT	C	SUSP.	C	12'-0"							
	101	RESTROOM	CER TILE	II	RUBBER	GYP / PAINT	C	9'-0"	CER TILE FINISH TO 4' A.F.F.								
	102	RESTROOM	CER TILE	II	RUBBER	GYP / PAINT	C	9'-0"	CER TILE FINISH TO 4' A.F.F.								
	103	UTILITY ROOM	LVT	-	RUBBER	GYP / PAINT	C	OPEN	-	-							
	104	STUDIO	PVT-1	-	RUBBER	GYP / PAINT	C	SUSP.	C	12'-0"							
	105	STORAGE	LVT	-	RUBBER	GYP / PAINT	C	SUSP.	C	12'-0"							

- FINISH NOTES:**
- ALL DRYWALL TO BE LEVEL 4 FINISH.
 - ALL DRYWALL TO BE SMOOTH FINISH UNLESS NOTED OTHERWISE.
 - ONE PRIME COAT AND TWO FINISH COATS OF PAINT TYPICAL AT ALL NEW SURFACES.
 - TWO FINISH COATS OF PAINT AT ALL EXISTING SURFACES.
 - CONTRACTOR TO REPAIR AND FINISH ALL GYP. BD. SCHEDULED TO REMAIN IN AREAS OF WORK.
 - ANY GYP. BD. SCHEDULED TO REMAIN SHALL BE INSPECTED FOR DAMAGE BY CONTRACTOR. IF ANY TYPE OF DAMAGE IS FOUND (I.E. MOLD DAMAGE, WATER DAMAGE, ETC.) THE DAMAGED GYP. BD. SHALL BE REMOVED AND REPLACED WITH NEW GYP. BD.
 - CEILING HEIGHTS ARE NOMINAL DIMENSIONS, ACTUAL MAY VARY 1/2" +/-.
 - CONTRACTOR TO COORDINATE CONCRETE SEAL WITH OWNER'S SELECTED FLOOR COVERING PER MANUFACTURER'S WARRANTY AND INSTALLATION REQUIREMENTS.
 - OWNER TO APPROVE ALL FINAL FINISH SELECTIONS PRIOR TO INSTALLATION.
 - PROVIDE GYP. BD. EXPANSION JOINTS AT WALLS THAT EXCEED 25'-0" IN LENGTH.

DOOR SCHEDULE													
REV NO.	NO.	SIZE			DOOR				FRAME			HARDWARE GROUP	REMARKS
		W	H	TH.	TYPE	MAT.	FIN.	ACTION	MAT.	FIN.			
	100A	EXISTING	EXISTING / ADD SIGN "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS."										
	100B	EXISTING	LOCK AND REMOVE DOOR HARDWARE - COORD / W TENANT										
	101	3'-0"	7'-0"	1 3/4"	A	HM	SUCUSTOM	RH	HM	SUCUSTOM	2	2	SIGN: RESTROOM
	102	3'-0"	7'-0"	1 3/4"	A	HM	SUCUSTOM	RH	HM	SUCUSTOM	2	2	SIGN: RESTROOM
	103	3'-0"	7'-0"	1 3/4"	A	HM	SUCUSTOM	RHR	HM	SUCUSTOM	5	5	
	104	3'-0"	7'-0"	1 3/4"	B	HM	SUCUSTOM	RHR	HM	SUCUSTOM	3	3	WELDED FRAME / FILL WITH FOAM INSULATION
	105A	3'-0"	7'-0"	1 3/4"	A	HM	SUCUSTOM	LH	HM	SUCUSTOM	4	4	WELDED FRAME / FILL WITH FOAM INSULATION
	105B	3'-0"	7'-0"	1 3/4"	A	HM	SUCUSTOM	RH	HM	SUCUSTOM	4	4	WELDED FRAME / FILL WITH FOAM INSULATION
	105C	EXISTING	EXISTING - NO WORK ANTICIPATED										

- NEW DOOR NOTES:**
- FLUSH DOORS SHALL BE 1 3/4" THICK HM, 4 TO BE PAINTED L1 BLUE, HEX CCE COLORANT 34-H FROM SHERWIN WILLIAMS.
 - ALL INTERIOR DOOR FRAMES TO BE KNOCK DOWN UNO.
 - MANUALLY OPERATED OR SURFACE MOUNTED FLUSH BOLTS SHALL NOT BE INSTALLED.
 - ALL DOOR 4 WINDOW GLAZING SHALL BE 1/4" MIN. CLEAR TEMPERED, UNLESS NOTED OTHERWISE.
 - DOOR CLOSERS SHALL TAKE AT LEAST THREE SECONDS TO MOVE TO A POINT THREE INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
 - ALL NEW DOORS TO BE LOCATED 4" FROM ADJACENT WALLS UNLESS NOTED OTHERWISE, OR AS REQ'D FOR HARDWARE INSTALLATION.

- DOOR HARDWARE REMARKS:**
- DOOR HINGES PER OWNER'S STANDARD OR USE 3/2" SCREWS (ALL HARDWARE TO BE STAINLESS STEEL)
 - DOOR CLOSER: PER OWNER'S STANDARD OR HEAVY DUTY - AMERICAN DEVICE SERIES 6301 OR LCN 402L
 - CLEAN REPAIR AS NEEDED.
 - KICK PLATE: FULL WIDTH OF DOOR AT 10" MIN. HEIGHT AT BASE.
 - PROVIDE ACCESSIBLE IDENTIFICATION SYMBOLS FOR RESTROOMS TYP.
 - SIGNAGE: "MEN"/"WOMEN"/"ALL GENDER" ON RESTROOM DOOR.
 - EXTERIOR DOORS ARE SELF-CLOSING, AND RODENT PROOF.

- DOOR HARDWARE MANUFACTURERS:**
ACTUAL HARDWARE USED MAY DIFFER FROM THAT SHOWN. MFG. AND MODEL NUMBERS ARE SHOWN TO FUNCTION AND QUALITY. ALL HARDWARE MAY BE SUBSTITUTED BY EQUALS.
- HOLLOW METAL DOORS: CECO
 - HOLLOW METAL FRAMES: CECO
 - HOLLOW METAL SIDELIGHT FRAMES: CECO KD SERIES
 - HINGES: MCKINNEY
 - PINOTS: ROSSON
 - LOCKSETS: CORBIN RUSGUN
 - LEVER DESIGN: NEUPORT
 - CYLINDERS: CORBIN RUSGUN
 - CLOSERS: NORTON
 - EXIT DEVICES: CORBIN RUSGUN
 - CONCEALED VERTICAL ROD LEVERSETS: SARGENT
 - KICKPLATES, WALL STOPS: MCKINNEY
 - OVER-HEAD STOPS: ROSSON
 - WEATHERSTRIP: PENKO
 - FOUER SUPPLIES, PUSH BUTTONS: SECURITRON

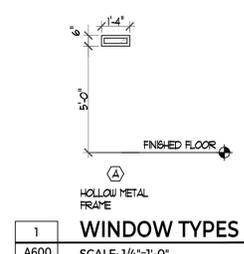
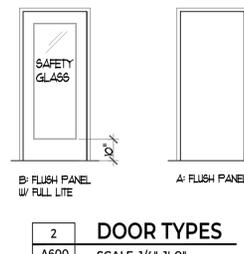
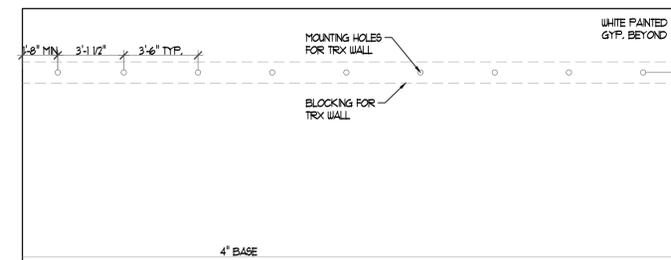
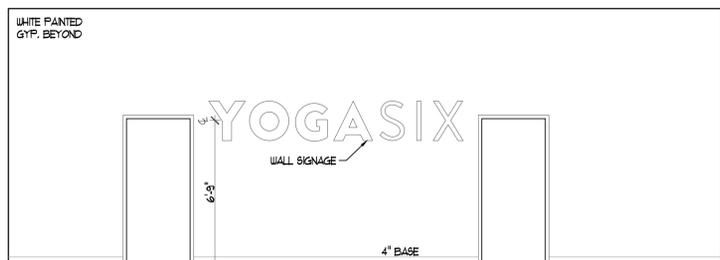
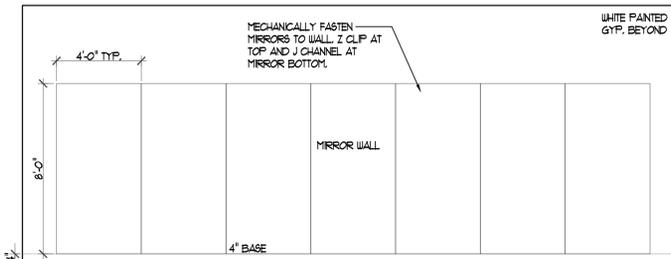
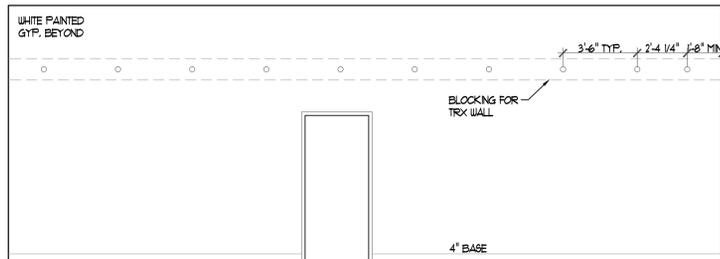
- EXISTING DOOR NOTES:**
- CONTRACTOR SHALL ADJUST EXISTING DOORS DESIGNATED TO REMAIN TO ENSURE PROPER OPERATION.
 - AT ALL EXISTING DOORS TO REMAIN, REPLACE NON-ACCESSIBLE DOOR HARDWARE WITH FRANCHISEE'S REQ'D. REKEY AND/OR RECORE ALL EXISTING LOCKS TO THE NEW KEYING SYSTEM.

HARDWARE GROUPS

NOTES:
1. ALL HARDWARE TO BE ACCESSIBLE DESIGN LEVER HANDLE
2. ALL HARDWARE TO BE SATIN CHROME FINISH
3. ALL HARDWARE TO BE LIGHT COMMERCIAL GRADE
4. KEY ALL HARDWARE TO OWNER'S MASTER KEY SYSTEM

GROUP 1 3 HINGES ENTRY LOCKSET CYLINDER CLOSER	GROUP 2 3 HINGES PRIVACY LOCKSET CLOSER KICK PLATE WALL BUMPER 3 DOOR SILENCERS	GROUP 3 3 HINGES STUDIO LOCKSET CYLINDER WALL BUMPER 3 DOOR SILENCERS DOOR GASKET DOOR SWEEP
GROUP 4 3 HINGES STOREROOM LOCKSET CYLINDER KICKPLATE WALL BUMPER 3 DOOR SILENCERS	GROUP 5 3 HINGES STOREROOM LOCKSET CYLINDER KICKPLATE WALL BUMPER 3 DOOR SILENCERS	

NOTE: HARDWARE ACCESSORIES THAT BEGIN WITH (#) ARE OPTIONAL ACCESSORIES THAT MAY BE ADDED AND ONLY APPLY TO SPECIFIC DOOR OPENINGS. REFERENCE THE DOOR SCHEDULE FOR LOCATIONS



3 **STUDIO ELEV.**
A600 SCALE: 1/4"=1'-0"

- WINDOW NOTES:**
- INTERIOR WINDOW FRAMES TO BE PAINTED HOLLOW METAL
 - SAFETY GLASS TO BE USED IN ALL DOORS, GLAZING ADJACENT TO DOORS (24" RADIUS FROM EDGE OF CLOSED DOOR) 4 WINDOWS WITH BOTTOM EDGE OF GLAZING LESS THAN 18" A.F.F.



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A600

SCHEDULES

CONSTRUCTION DOCUMENTS
DATE ISSUED: 2/12/2026



J-SQUARED ENGINEERING

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

Yogasix Infill (DPLS Lot 5)

1900 NE Discovery Ave, Suite 122
Lees Summit, Jackson County, MO 64064



James Watson, P.E. March 6, 2026
PE-2015017071
MO Certificate of Authority # 2018029680



J-SQUARED
ENGINEERING

2400 Bluff Creek Drive, Suite 101
Columbia, Missouri 65201
573.234.4492
www.j-squaredeng.com

J2 PROJECT No: J21290

J2 DESIGN: ACW

ISSUE TITLE DATE

PERMIT SET 02 - 12 - 2026

REVISION #1 03 - 06 - 2026

GENERAL MEP SPECIFICATIONS

1. **GENERAL**
 - 1.1. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH LOCALLY ADOPTED CODES AND ORDINANCES.
 - 1.2. IT IS THE RESPONSIBILITY OF CONTRACTOR TO REVIEW AND UNDERSTAND ALL DRAWINGS AND SPECIFICATIONS IN CONTRACT DOCUMENTS. EACH CONTRACTOR IS RESPONSIBLE FOR ALL WORK ASSOCIATED WITH THEIR TRADE, REGARDLESS OF WHERE WORK IS DEPICTED IN PROJECT DRAWINGS OR SPECIFICATIONS.
 - 1.3. LAYOUT OF SYSTEMS SHOWN ON PLANS ARE APPROXIMATE AND SCHEMATIC IN NATURE. ALL SYSTEMS WILL NEED TO BE FIELD-COORDINATED. CONTRACTOR SHALL INCLUDE THIS COORDINATION IN THEIR SCOPE AND INCLUDE ALL COSTS OF MODIFYING LAYOUT AS REQUIRED IN THEIR BID. PLANS ARE NOT INTENDED TO BE SHOP DRAWINGS FROM WHICH MATERIALS CAN BE ORDERED, FABRICATED, OR INSTALLED WITHOUT ADDITIONAL FIELD MEASUREMENTS AND COORDINATION.
 - 1.4. NOT ALL SPECIFIC PIECES AND COMPONENTS OF EACH SYSTEM ARE DETAILED OR OUTLINED ON PLANS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PARTS AND LABOR TO PRODUCE A COMPLETE AND FULLY OPERATIONAL SYSTEM UNLESS STATED OTHERWISE ON PLANS. CONTRACTOR IS TO PROVIDE AND INCLUDE ALL EQUIPMENT AND MATERIAL NEEDED TO COMPLETE WORK ASSOCIATED WITH THEIR BID UNLESS ANY ITEMS ARE SPECIFICALLY NOTED ON PLANS AS PROVIDED BY OTHERS. ALL MATERIALS TO BE NEW, FIRST CLASS, AND INSTALLED PER MANUFACTURER'S PUBLISHED INSTRUCTIONS.
 - 1.5. WHERE CONFLICTS EXIST BETWEEN MEP PLANS AND CIVIL, ARCHITECTURAL, OR STRUCTURAL PLANS, NOTIFY MEP ENGINEER OF DISCREPANCIES FOR CLARIFICATION PRIOR TO PERFORMING ANY WORK THAT MAY CONTRADICT INFORMATION ELSEWHERE IN THE PROJECT PLANS.
 - 1.6. THESE PLANS ARE NOT TO BE SCALED. SEE ARCHITECTURAL PLANS FOR DIMENSIONS. WHERE THERE IS A CONFLICT BETWEEN ARCHITECTURAL DIMENSIONS AND MEP DIMENSIONS, ARCHITECTURAL SHALL GOVERN.
 - 1.7. CONTRACTOR IS TO INCLUDE IN THEIR SCOPE THE COST OF ALL PERMITS, INSPECTIONS, METERING, TAPS, ETC. ASSOCIATED WITH THEIR WORK.
 - 1.8. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, CUTTING, CORING, PATCHING, AND BACKFILL REQUIRED TO COMPLETE THEIR WORK, UNLESS NOTED OTHERWISE ON PLANS.
 - 1.9. SPECIFIC EQUIPMENT MANUFACTURERS AND/OR MODEL NUMBERS LISTED ON PLANS ARE TO ESTABLISH A BASIS-OF-DESIGN FOR QUALITY AND PERFORMANCE, VERIFY THAT SUBSTITUTIONS WILL BE ACCEPTABLE PRIOR TO PURCHASE & INSTALLATION.
 - 1.10. NOTIFY ENGINEER OF ANY MAJOR PLAN DISCREPANCIES OR CONFLICTS PRIOR TO PROVIDING BIDS OR COMPLETING ANY WORK.
 - 1.11. SEE DISCIPLINE SHEETS FOR ADDITIONAL TRADE SPECIFIC SPECIFICATIONS.
 - 1.12. WHERE SHUTDOWN OF ANY EXISTING UTILITY OR SERVICE TO BUILDING IS REQUIRED FOR COMPLETION OF WORK, COORDINATE OUTAGE WITH OWNER AS TO NOT DISRUPT TYPICAL OPERATIONS.
2. **WORKMANSHIP**
 - 2.1. SYSTEMS SHALL BE INSTALLED IN A FIRST-CLASS MANNER USING BEST ACCEPTABLE METHODS AND PRACTICES.
 - 2.2. ALL SYSTEMS SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING ORIENTATION. COMPONENTS SHALL BE INSTALLED LEVEL AND PLUMB WITH ATTENTION GIVEN TO OVERALL AESTHETICS.
 - 2.3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EQUIPMENT LOCATIONS AND SYSTEM ROUTING WITH OTHER TRADES PRIOR TO INSTALLATION.
 - 2.4. CONTRACTOR TO GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE THE COMPLETED PROJECT IS RELEASED TO THE OWNER, UNLESS NOTED OTHERWISE ON PLANS.
 - 2.5. DURING INSTALLATION OF MATERIALS OR ACTIVITIES IN NEW WORK SCOPE, AVOID DAMAGING EXISTING SURFACES AND EQUIPMENT TO REMAIN. ANY DAMAGE TO EXISTING SURFACES OR EQUIPMENT SHALL BE CORRECTED AT NO COST TO OWNER.

DEFERRED SUBMITTAL NOTES

1. **FIRE ALARM SYSTEM**
 - 1.1. FIRE ALARM CONTRACTOR SHALL PROVIDE DEFERRED SUBMITTAL PACKAGE FOR FIRE ALARM SYSTEM. SUBMITTAL SHALL INCLUDE BATTERY CALCULATIONS, VOLTAGE DROP CALCULATIONS, EQUIPMENT SPECIFICATIONS FOR DEVICES AND PANELS, ETC. DESIGN SHALL BE SEALED BY A QUALIFIED DESIGN PROFESSIONAL LICENSED BY THE STATE.
 - 1.2. FIRE ALARM SYSTEM COMPONENTS SHOWN (IF APPLICABLE) ARE GENERAL AND SCHEMATIC IN NATURE, SHOWN FOR APPROXIMATE ROUGH-IN LOCATIONS AND QUANTITIES ONLY. CONTRACTOR TO VERIFY EXACT DEVICE LOCATIONS AND REQUIREMENTS WITH FIRE ALARM SYSTEM DESIGNER OF RECORD PRIOR TO ROUGH-IN.
2. **FIRE SPRINKLER SYSTEM**
 - 1.1. FIRE SPRINKLER CONTRACTOR TO PROVIDE DEFERRED SUBMITTAL PACKAGE FOR FIRE SPRINKLER SYSTEM. SUBMITTAL SHALL INCLUDE HYDRAULIC CALCULATIONS AND SPRINKLER SYSTEM DRAWINGS SEALED BY A QUALIFIED DESIGN PROFESSIONAL LICENSED BY THE STATE.
 - 1.2. WHERE COMBINED FIRE & DOMESTIC WATER SUPPLY LINES ARE SHOWN ON PLANS, INSTALLING CONTRACTOR SHALL VERIFY WITH FIRE SPRINKLER CONTRACTOR THAT INCOMING LINE SIZE IS ADEQUATE FOR FIRE SUPPRESSION SYSTEM.

REFERENCED CODES IN EFFECT

PROJECT HAS BEEN DESIGNED IN COMPLIANCE WITH THE FOLLOWING CODES LISTED BELOW, BUT THIS IS NOT AN EXHAUSTIVE LIST. PROJECT SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND LOCAL REQUIREMENTS.

- 2018 INTERNATIONAL MECHANICAL CODE
- 2018 INTERNATIONAL PLUMBING CODE
- 2018 INTERNATIONAL FUEL GAS CODE
- 2018 INTERNATIONAL FIRE CODE
- 2017 NATIONAL ELECTRIC CODE

FIRE RATED PENETRATION NOTES

- THIS BUILDING CONTAINS FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL PLANS FOR LOCATIONS AND DETAILS.
- A UL-LISTED FIRESTOP SYSTEM SHALL BE INSTALLED AT EACH PENETRATION OF A HORIZONTAL OR VERTICAL RATED ASSEMBLY IN ACCORDANCE WITH ASTM E814 OR UL 1479.
- EACH CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROTECTION FOR THEIR PENETRATIONS THRU RATED ASSEMBLIES.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING A CATALOG OF ALL UL LISTED FIRESTOP ASSEMBLIES, AND KEEPING A PHYSICAL COPY OF DETAILS FOR EACH USED FIRESTOP ASSEMBLY ON SITE FOR REFERENCE.

Sheet List Table

Sheet Number	Sheet Title
MEP1	MECHANICAL ELECTRICAL PLUMBING COVER SHEET
M101	HVAC PLAN
M501	HVAC DETAILS
M601	HVAC SCHEDULES
EP101	POWER PLAN
EL101	LIGHTING PLAN
E501	ELECTRICAL DETAILS & SCHEDULES
PS101	SANITARY SEWER PLAN
PW101	WATER & GAS PLAN
PS01	PLUMBING DETAILS & SCHEDULES

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:
Yogasix Infill (DPLS Lot 5)

1900 NE Discovery Ave, Suite 122
Lees Summit, Jackson County, MO 64064

AHJ APPROVAL STAMP

SHEET TITLE

MECHANICAL
ELECTRICAL
PLUMBING
COVER SHEET

SHEET NUMBER

MEP1

J2 PROJECT No:	J21290
J2 DESIGN:	ACW
ISSUE TITLE	DATE
PERMIT SET	02 - 12 - 2026
REVISION #1	03 - 06 - 2026

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:
Yogasix Infill (DPLS Lot 5)
 1900 NE Discovery Ave, Suite 122
 Lees Summit, Jackson County, MO 64064

AHJ APPROVAL STAMP

SHEET TITLE

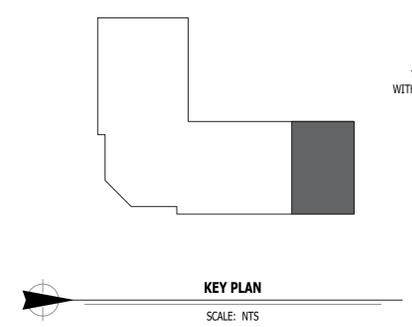
HVAC PLAN

SHEET NUMBER

M101

HVAC PLAN SYMBOL LEGEND

- EQUIPMENT TYPE (REFER TO EQUIPMENT SCHEDULE)
- EQUIPMENT REFERENCE NUMBER
- DIFFUSER/GRILLE TYPE (REFER TO SCHEDULE)
- CUBIC FEET PER MINUTE (CFM) / FACE SIZE
- SUPPLY DUCTWORK
- RETURN DUCTWORK
- EXHAUST DUCTWORK
- OUTSIDE AIR DUCTWORK
- FLEX DUCT
- VENT / COMBUSTION AIR
- CONDENSATION LINE
- TIE INTO EXISTING
- SUPPLY DIFFUSER (HATCH INDICATES "NO FLOW ZONE")
- RETURN DIFFUSER
- BALANCE DAMPER
- MOTORIZED DAMPER
- THERMOSTAT
- HUMIDISTAT
- TIMER
- REMOTE TEMPERATURE SENSOR

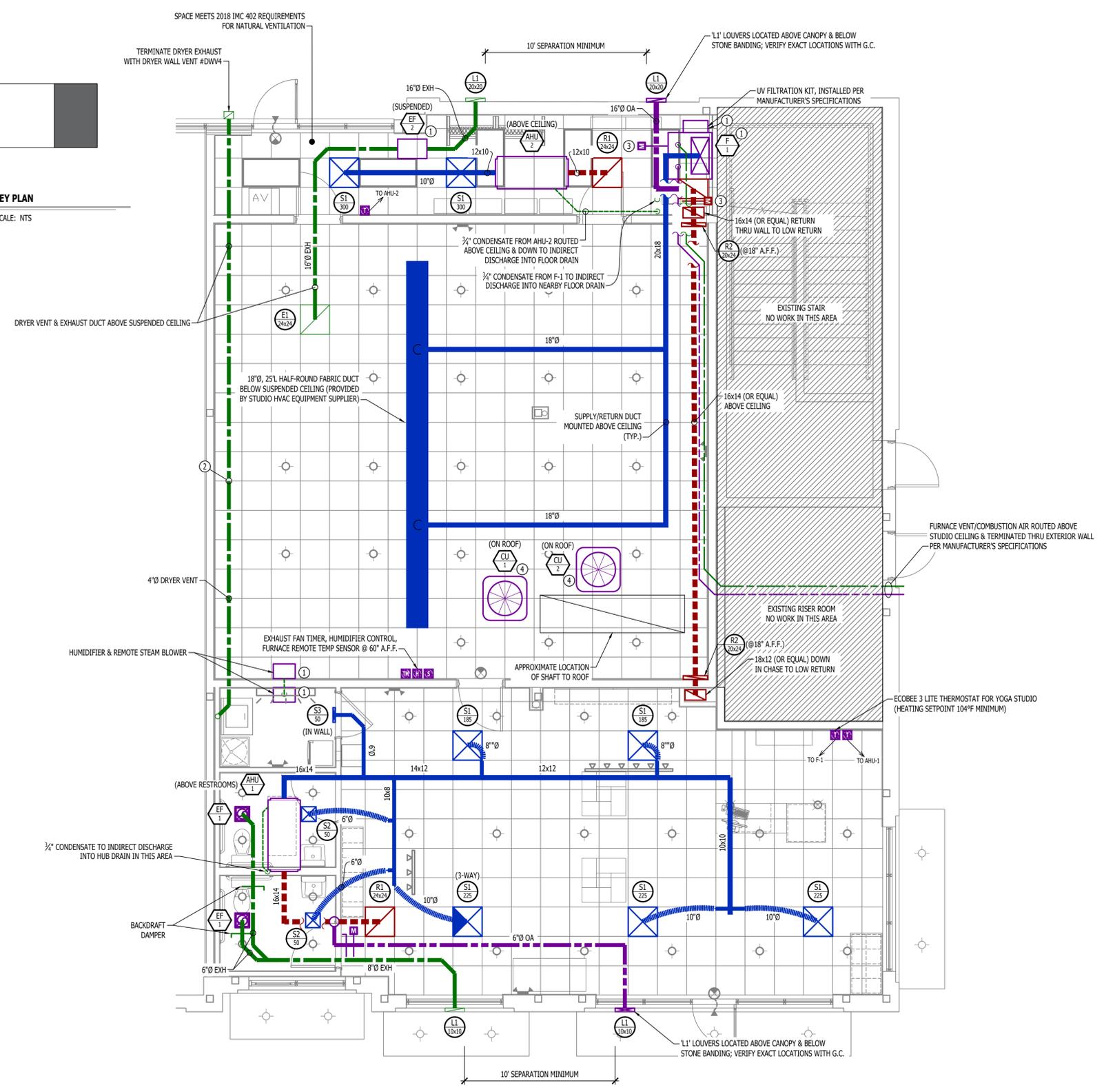


HVAC PLAN GENERAL NOTES:

- REFER TO M500 AND/OR M600 SERIES SHEETS FOR ADDITIONAL HVAC NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
- HVAC CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, DUCTWORK, REFRIGERANT PIPING, CONDENSATE PIPING, HANGERS / SUPPORTS, ETC. WITH PLUMBING AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
- STUDIO HVAC EQUIPMENT SUPPLIER PROVIDES THE FOLLOWING EQUIPMENT: FURNACE (F-1), UV FILTRATION KIT, HUMIDIFIER, HUMIDIFIER CONTROLS SYSTEM, FABRIC DUCT, & EXHAUST FAN (EF-2); HVAC CONTRACTOR TO INSTALL. COORDINATE ALL DETAILS & REQUIREMENTS WITH G.C. REFER TO FRANCHISE DESIGN INTENT PACKAGE FOR SPECIFIC LIST OF HVAC EQUIPMENT TO PROVIDE.
- INSTALL DRYER VENTING PER 2018 IMC #504.8.

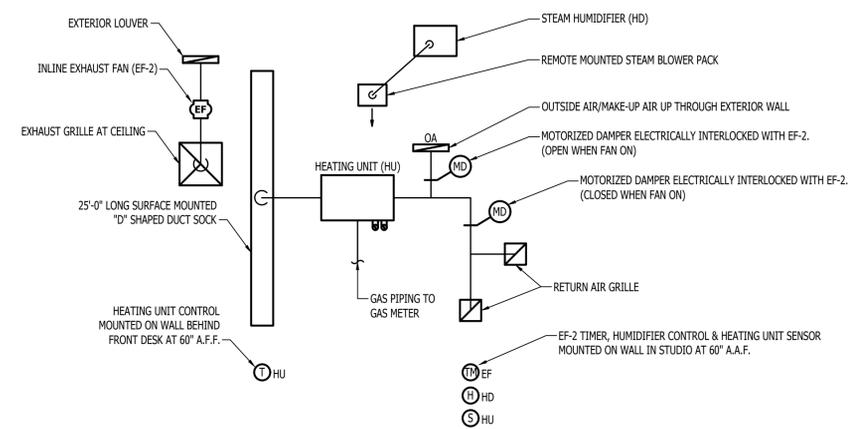
HVAC PLAN KEY NOTES:

- EQUIPMENT PROVIDED BY STUDIO HVAC EQUIPMENT SUPPLIER & INSTALLED BY HVAC CONTRACTOR; COORDINATE EXACT DETAILS & REQUIREMENTS WITH EQUIPMENT SUPPLIER & G.C. INSTALL EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS & FRANCHISE REQUIREMENTS.
- INSTALL DRYER EXHAUST PER 2018 IMC 504.8.
- MOTORIZED DAMPER, SEE SEQUENCE OF OPERATIONS DETAILS ON SHEET M501 FOR CONTROLS REQUIREMENTS.
- INSTALL ROOF-MOUNTED EQUIPMENT IN DESIGNATED MECHANICAL ZONE, REFER TO STRUCTURAL SHELL BUILDING PLANS INDICATING AREAS WHERE ROOFTOP EQUIPMENT LOADING IS INCLUDED IN STRUCTURAL DESIGN.



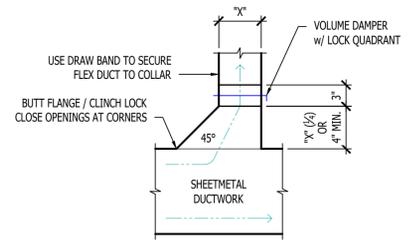
HVAC PLAN
 SCALE: 1/4" = 1'-0"

J2 PROJECT No:	J21290
J2 DESIGN:	ACW
ISSUE TITLE	DATE
PERMIT SET	02 - 12 - 2026
REVISION #1	03 - 06 - 2026

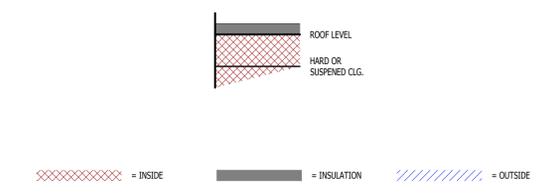


SEQUENCE OF OPERATIONS

- HVAC SYSTEMS: ALL HVAC SYSTEMS SHALL OPERATE NORMALLY IN COOLING/HEAT/AUTO OR FAN ONLY MODES AS PROGRAMMED VIA PROGRAMMABLE THERMOSTAT. THERMOSTAT SHALL HAVE A SHUT-OFF AND RESET CONTROLS.
- YOGA STUDIO HVAC UNITS/HUMIDIFIER/EXHAUST FANS: DURING BUSINESS HOURS, HUMIDIFIER AND EXHAUST FAN SHALL OPERATE VIA INDIVIDUALLY PROGRAMMED THERMOSTAT, HUMIDISTAT AND FAN CONTROLLERS PER THE FOLLOWING SEQUENCE:
 - HEATING CYCLE (TIME DETERMINED BY OWNER):
 - HVAC - HEATING ON (WITH FAN) - THERMOSTAT SETPOINT = 104°F.
 - HUMIDIFIER - HUMIDIFIER ON - HUMIDISTAT SETPOINT = (PER OWNER SETTING)
 - EXHAUST FAN - OFF
 - PURGE CYCLE (15 MINUTES MIN. OR DETERMINED BY OWNER):
 - HVAC - HEATING OFF / FAN ON
 - HUMIDIFIER - HUMIDIFIER OFF
 - EXHAUST FAN - ON - THERMOSTAT SETPOINT = 80°F (OR PER OWNER SETTING)
 - VENTILATION ONLY CYCLE (DETERMINED BY OWNER):
 - HVAC - HEATING OFF / FAN ON
 - HUMIDIFIER - HUMIDIFIER OFF
 - EXHAUST FAN - OFF
- REPEAT ABOVE SEQUENCES PER OWNER PROGRAMMING.
- DURING BUSINESS HOURS YOGA STUDIO HVAC, HUMIDIFIER AND EXHAUST FAN SHALL REMAIN OFF.

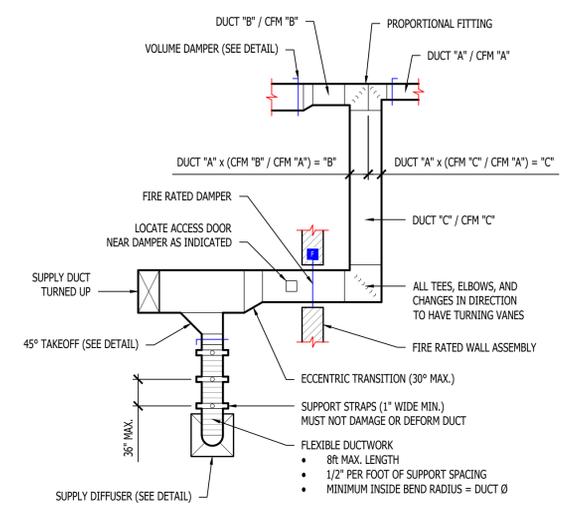


TYPICAL 45° TAKEOFF DETAIL

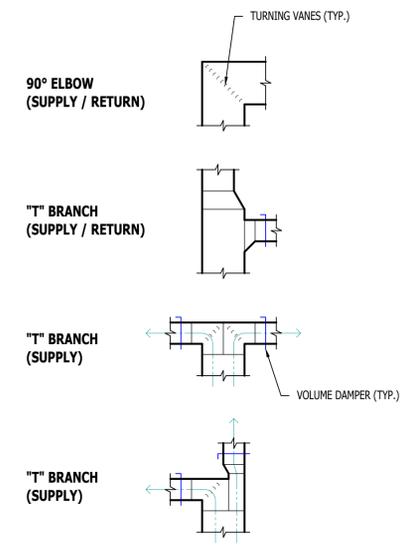


DUCT INSIDE THERMAL ENVELOPE INSULATION REQUIREMENTS		DUCT OUTSIDE THERMAL ENVELOPE INSULATION REQUIREMENTS	
RECTANGULAR		RECTANGULAR	
• SUPPLY =	1" LINER	• SUPPLY =	1" LINER & 1 1/2" WRAP
• RETURN =	1" LINER	• RETURN =	1" LINER & 1 1/2" WRAP
• EXHAUST =	NONE	• EXHAUST =	1 1/2" WRAP
• OUTSIDE AIR =	2" WRAP	• OUTSIDE AIR =	NONE
ROUND		ROUND	
• SUPPLY =	1 1/2" WRAP	• SUPPLY =	2" WRAP
• RETURN =	NONE	• RETURN =	2" WRAP
• EXHAUST =	NONE	• EXHAUST =	1 1/2" WRAP
• OUTSIDE AIR =	2" WRAP	• OUTSIDE AIR =	NONE
SPIRAL		SPIRAL	
• SUPPLY =	NONE	• SUPPLY =	2" WRAP
• RETURN =	NONE	• RETURN =	2" WRAP
• EXHAUST =	NONE	• EXHAUST =	1 1/2" WRAP
• OUTSIDE AIR =	2" WRAP	• OUTSIDE AIR =	NONE

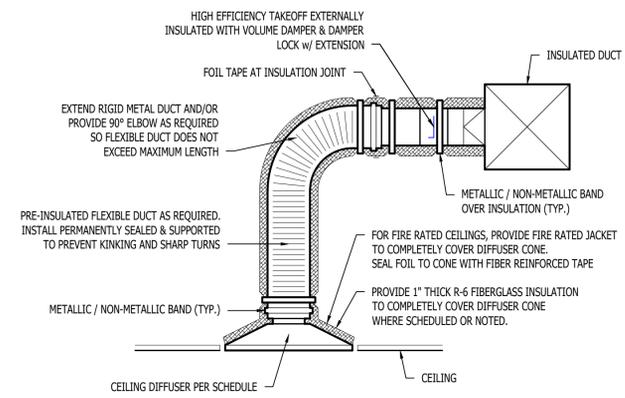
TYPICAL BUILDING INTERIOR DUCT INSULATION DIAGRAM



TYPICAL DUCTWORK DETAIL



TYPICAL DUCTWORK FITTINGS DETAIL



TYPICAL LAY-IN DIFFUSER DETAIL

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:

Yogasix Infill (DPLS Lot 5)

1900 NE Discovery Ave, Suite 122
 Lees Summit, Jackson County, MO 64064

AHJ APPROVAL STAMP

SHEET TITLE

HVAC DETAILS

SHEET NUMBER

M501

HVAC SPECIFICATIONS

1. GENERAL

1.1. REFER TO GENERAL MEP SPECIFICATIONS SECTION FOR ADDITIONAL REQUIREMENTS.

2. WORKMANSHIP

- 2.1. COORDINATE WITH ALL OTHER TRADES SO THAT HVAC EQUIPMENT AND DUCT WORK DOES NOT BLOCK REQUIRED ACCESS OR CLEARANCE TO ANY EQUIPMENT, ACCESS PANELS, ELECTRICAL JUNCTION BOXES, ELECTRICAL PANELS, ETC.
- 2.2. ALL HVAC EQUIPMENT IS TO BE INSTALLED PER MANUFACTURER'S PUBLISHED RECOMMENDATIONS AND/OR INSTALLATION INSTRUCTIONS.
- 2.3. ALL EQUIPMENT TO BE INSTALLED LEVEL AND PLUMB, PARALLEL OR PERPENDICULAR TO BUILDING ORIENTATION WHERE POSSIBLE.
- 2.4. ROOFTOP MOUNTED RTU's & EXHAUST FANS SHALL BE INSTALLED ON CURBS PER MANUFACTURER'S INSTRUCTIONS. CURB HEIGHT SHALL PROVIDE A MINIMUM OF 12" BETWEEN EQUIPMENT AND TOP OF ROOF IN ALL LOCATIONS.
- 2.5. GRADE MOUNTED RTUS, CONDENSING UNITS, AND HEAT PUMPS TO BE INSTALLED ON 4" REINFORCED CONCRETE PAD EXTENDING 4" BEYOND EACH EDGE OF THE EQUIPMENT, OR A MANUFACTURER APPROVED PRE-MANUFACTURED BASE.
- 2.6. APPROPRIATE ATTENTION SHALL BE GIVEN TO INDOOR AIR QUALITY THROUGHOUT CONSTRUCTION; PROTECT INSIDE OF NEW DUCTWORK & AIR-HANDLING EQUIPMENT FROM DUST, DIRT, DEBRIS, PAINT, MOISTURE, ETC. INSULATION SHALL BE REPLACED IF EXPOSED TO MOISTURE. AN INDEPENDENT, PROFESSIONAL DUCT CLEANING COMPANY SHALL CLEAN ALL NEW DUCTWORK IF EQUIPMENT WAS USED DURING CONSTRUCTION, AND EQUIPMENT/COILS SHALL ALSO BE THOROUGHLY CLEANED.
- 2.7. FIELD COORDINATE LOCATIONS OF ALL DIFFUSERS, GRILLES, REGISTERS, ETC. WITH LIGHT FIXTURE LOCATIONS AND ADJUST AS NECESSARY.

3. EQUIPMENT

- 3.1. ALL EQUIPMENT SHOWN ON MECHANICAL PLANS SHALL BE PROVIDED & INSTALLED BY MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE.
- 3.2. ALL EQUIPMENT MUST PROVIDE PERFORMANCE AS SPECIFIED ON PLANS. WHERE SPECIFIC MANUFACTURERS AND/OR MODELS ARE INDICATED ON PLANS, CONTRACTOR TO PROVIDE MODEL INDICATED OR APPROVED EQUAL. VERIFY SUBSTITUTION APPROVAL PRIOR TO PURCHASE OR INSTALLATION OF EQUIPMENT.
- 3.3. CONTRACTOR TO SUPPLY SUBMITTALS FOR ALL EQUIPMENT FOR REVIEW BY ARCHITECT AND ENGINEER. FORMAL APPROVAL SHALL BE RECEIVED BY CONTRACTOR PRIOR TO EQUIPMENT PURCHASE. CONTRACTOR TO SHARE APPROVED EQUIPMENT SUBMITTALS WITH ANY PERTINENT ELECTRICAL OR PLUMBING REQUIREMENTS WITH RESPECTIVE CONTRACTORS WITHIN TWO WEEKS OF RECEIVING APPROVED SUBMITTALS FROM ARCHITECT/ENGINEER.
- 3.5. ALL EQUIPMENT SHOWN ON PLANS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS WITH ADEQUATE ACCESS AND CLEARANCE FOR SERVICING OR REPLACEMENT.
- 3.6. ALL HORIZONTAL FURNACES WITH AC COILS SHALL BE EQUIPPED WITH CORROSION RESISTANT DRAIN PAIN. DRAIN PAN TO DISCHARGE TO SANITARY WASTE VIA INDIRECT CONNECTION WITH AIR GAP. DRAIN PAN TO PROVIDE SECONDARY OVERFLOW OR FLOAT SWITCH INTERLOCKED WITH UNIT TO SHUT DOWN UNIT ON HIGH WATER SIGNAL.
- 3.7. ALL EXTERIOR REFRIGERANT COILS TO BE PROTECTED BY FACTORY EQUIPPED HAIL GUARDS.
- 3.8. REFRIGERANT PIPING TO BE ACR COPPER OR TYPE L COPPER.
- 3.9. ALL AIR HANDLING EQUIPMENT SHALL BE EQUIPPED WITH MERV-8 FILTRATION AT RETURN OPENING UNLESS OTHERWISE NOTED.
- 3.10. ALL AIR FILTERS SHALL BE SIZED FOR A MAXIMUM FACE VELOCITY OF 500FPM.
- 3.11. PROVIDE & INSTALL ALL EQUIPMENT FLUES/VENTS PER MANUFACTURER'S SPECIFICATIONS. TERMINATIONS SHALL BE AT LEAST 10' FROM ANY FRESH AIR INTAKE.
- 3.12. PROVIDE NEW AIR FILTERS IN ALL EQUIPMENT PRIOR TO TESTING & BALANCING AND BEFORE TURNING OVER SYSTEM(S) TO OWNERSHIP.
- 3.13. IF ANY EXISTING EQUIPMENT IS TO BE REUSED, CLEAN AND INSPECT EQUIPMENT PRIOR TO BEGINNING WORK. VERIFY THAT EQUIPMENT IS IN GOOD WORKING CONDITION, REPORT ANY DEFICIENCIES TO ENGINEER.

4. DUCTWORK

- 4.1. DUCTWORK TO BE GALVANIZED STEEL, SEAL CLASS B, CONSTRUCTED PER SMACNA STANDARDS.
- 4.2. DUCTWORK THICKNESS:
 - 4.2.1. 26 GA. MINIMUM UP TO 16" DUCT
 - 4.2.2. 24 GA. UP TO 20"
 - 4.2.3. 22 GA. UP TO 24"
 - 4.2.4. 20 GA. UP TO 28"
 - 4.2.5. 18 GA. UP TO 36"
- 4.3. TURNING VANES SHALL BE PROVIDED AND INSTALLED AT ALL 90° BENDS AND TEES.
- 4.4. ALL DUCT DIMENSIONS LISTED ARE TO INTERIOR OF DUCT LINER UNLESS NOTED OTHERWISE ON PLANS.
- 4.5. BALANCE DAMPERS MUST BE PROVIDED TO ALLOW ADJUSTMENT AT EACH AIR TERMINAL.
 - 4.5.1. WHERE BRANCH TAKEOFF IS ACCESSIBLE (ABOVE LAY-IN CEILING OR EXPOSED DUCT), BALANCE DAMPER IS TO BE INSTALLED AT TAKEOFF.
 - 4.5.2. WHERE TAKEOFF IS INACCESSIBLE (IN ATTIC OR SOFFIT), BALANCE DAMPER IS TO BE LOCATED SUCH THAT IT IS ACCESSIBLE FROM FACE OF AIR DEVICE.
- 4.6. HVAC CONTRACTOR RESPONSIBLE FOR ALL DUCTWORK TRANSITIONS AND FITTINGS AS REQUIRED FOR FINAL CONNECTIONS TO HVAC EQUIPMENT.
- 4.7. UNLESS NOTED OTHERWISE ON PLANS, FLEXIBLE DUCT CONNECTIONS MAY USED FROM BRANCH DUCTS TO FINAL AIR DEVICES, BUT SHALL NOT EXCEED 8'-0" IN LENGTH. FLEXIBLE DUCT CONNECTORS MUST BE SUPPORTED PER PLAN DETAILS.

5. INSULATION

- 5.1. DUCTWORK
 - 5.1.1. SEE "TYPICAL DUCT INSULATION DIAGRAM" FOR INSTALLATION SPECIFIC REQUIREMENTS.
 - 5.1.2. INTERNAL DUCT LINER TO BE EQUAL TO 'JOHNS MANVILLE LINACOUSTIC R-300'.
 - 5.1.3. EXTERNAL DUCT WRAP TO INCLUDE VAPOR BARRIER. EQUAL TO 'JOHNS MANVILLE MICROLITE' WITH FSK JACKET.
 - 5.1.4. WHERE INSULATION IS REQUIRED IN "TYPICAL DUCT INSULATION DIAGRAM", INCLUDE INSULATION ON ALL FITTINGS, INCLUDING CANVAS FLEX CONNECTION FITTINGS.
- 5.2. REFRIGERANT PIPING
 - 5.2.1. SPLIT SYSTEM (SUCTION LINE ONLY) - 1" CLOSED CELL ELASTOMERIC FOAM (EQUAL TO 'ARMAFLEX AP').
- 5.3. VRV/VRF SYSTEMS (BOTH SUCTION AND HOT GAS LINES) 1 1/2" EPDM (EQUAL TO 'AEROFLEX AEROCEL AC') WITHIN CONDITIONED SPACES & 2" EPDM (EQUAL TO 'AEROFLEX AEROCEL AC') IN UNCONDITIONED SPACES, AND WITH BANDED ALUMINUM SHIELDING IN EXTERIOR SPACES.
- 5.4. CONDENSATE PIPING
 - 5.4.1. SPLIT SYSTEMS - WHERE CONDENSATE PIPING IS LOCATED IN UNCONDITIONED SPACE, INSULATE WITH 1/2" ELASTOMERIC. NO INSULATION REQUIRED WITHIN CONDITIONED SPACES.
 - 5.4.2. VRV/VRF - INSULATE WITH 1/2" ELASTOMERIC.

6. TESTING AND BALANCING

- 6.1. ALL SYSTEMS MUST BE BALANCED TO WITHIN 10% OF VALUES INDICATED ON PLAN.
- 6.2. HVAC CONTRACTOR TO PROVIDE WRITTEN BALANCE REPORT INCLUDING FLOW VALUES INDICATED ON PLANS, INITIAL MEASURED FLOW VALUES, AND FINAL MEASURED VALUES.
- 6.3. THIRD PARTY CERTIFIED TEST AND BALANCE NOT REQUIRED UNLESS OTHERWISE NOTED ON PLANS OR WITHIN PROJECT MANUAL.

AIR HANDLING UNIT & AC SCHEDULE														
TAG	EQUIPMENT DESCRIPTION	SIZE (TONS)	ORIENTATION	TOTAL AIRFLOW (CFM)	E.S.P. (in. H2O)	OA AIRFLOW MAX/MIN (CFM)	HEATING				ELECTRICAL			NOTES
							ELECTRIC (KW)	SENSIBLE (KBTU)	TOTAL (KBTU)	MIN EFF. (SEER2)	VOLTS/PH	MCA	OCP	
AHU-1	AIR HANDLING UNIT	3.0	HORIZONTAL	1200	0.5	100 / 0	15	-	-	-	208/1	51, 22	60-2, 25-2	1, 2, 3
AHU-2	AIR HANDLING UNIT	1.5	HORIZONTAL	600	0.5	-	6	-	-	-	208/1	28	35-2	1, 2, 3
CJ-1	CONDENSING UNIT	3.0	-	-	-	-	-	26.8	34.6	13.4	208/1	18	30-2	4, 5
CJ-2	CONDENSING UNIT	1.5	-	-	-	-	-	13.6	18.6	13.4	208/1	12	20-2	4, 5

NOTES:

- PROVIDE AND INSTALL 7 DAY PROGRAMABLE HONEYWELL THERMOSTAT. COORDINATE EXACT MOUNTING LOCATION WITH OWNER.
- INCLUDE CORROSION RESISTANT DRAIN PAN WITH OVERFLOW SWITCH WIRED TO SHUT DOWN UNIT.
- WITH LOW LEAKAGE MOTORIZED OUTSIDE AIR DAMPER, DAMPER TO OPEN DURING OCCUPIED HOURS AND CLOSE DURING UNOCCUPIED HOURS THRU THERMOSTAT SCHEDULE.
- WITH FACTORY HAIL GUARD.
- LOW AMBIENT PACKAGE FOR OPERATION TO 0° F.

EXHAUST FAN SCHEDULE											
TAG	EQUIPMENT TYPE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	FLOW		ELECTRICAL			PHYSICAL		NOTES
				CFM	S.P.	VOLT/PH	MCA	OCP	DIM.	WEIGHT	
EF-1	IN-CEILING EXHAUST FAN	BROAN	AES0B	80	0.1"	120	1	20-1	12x12x6	6 lbs.	1
EF-2	IN-LINE EXHAUST FAN	GREENHECK	SQ-120-A	1500	0.8"	120	14	20-1	24x19x19	77 lbs.	2

NOTES:

- WITH BACKDRAFT DAMPER
- EQUIPMENT AND ACCESSORIES PROVIDED BY STUDIO HVAC EQUIPMENT SUPPLIER; VERIFY DETAILS & REQUIREMENTS WITH EQUIPMENT SUPPLIER

AIR DEVICE SCHEDULE						
TAG	SERVICE	MANUFACTURER (OR EQUAL)	MODEL (OR EQUAL)	SIZE	COLOR / FINISH	NOTES
E1	EHAUST	PRICE	80	AS INDICATED	WHITE	
L1	EXH / OA	POTTORFF	EPD	AS INDICATED	PRIMED	PAINT TO MATCH EXTERIOR
R1	RETURN	PRICE	80	AS INDICATED	WHITE	
R2	RETURN	PRICE	630	AS INDICATED	WHITE	
S1	SUPPLY	PRICE	SPD	24x24	WHITE	
S2	SUPPLY	PRICE	SPD	12x12	WHITE	WITH DRYWALL KIT
S3	SUPPLY	PRICE	520	8x8	WHITE	

NOTES:

- VERIFY AIR DEVICE FINISHES WITH OWNER/ARCHITECT PRIOR TO INSTALLATION

DIFFUSER NECK SIZING SCHEDULE	
AIRFLOW (CFM)	NECK SIZE (in)
0 - 120	6"
120 - 210	8"
210 - 325	10"
325 - 470	12"
470 - 640	14"

FURNACE SCHEDULE									
TAG	EQUIPMENT DESCRIPTION	ORIENTATION	TOTAL AIRFLOW (CFM)	HEATING		ELECTRICAL			NOTES
				GAS INPUT (KBTU)	A FUE EFF. (%)	VOLTS/PH	MCA	OCP	
F-1	FURNACE	UPFLOW	1800 - 2400	150	81	208/3	1	20-3	1

NOTES:

- EQUIPMENT AND ACCESSORIES PROVIDED BY STUDIO HVAC EQUIPMENT SUPPLIER; VERIFY DETAILS & REQUIREMENTS WITH EQUIPMENT SUPPLIER; ACCESSORIES TO INCLUDE SEPARATED VENT/COMBUSTION AIR KIT



James Watson, P.E. March 6, 2026
 PE-2015017071
 MO Certificate of Authority # 2018029680



J-SQUARED ENGINEERING

2400 Bluff Creek Drive, Suite 101
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 573.234.4492
 www.j-squaredeng.com

J2 PROJECT No: J21290

J2 DESIGN: ACW

ISSUE TITLE DATE

PERMIT SET 02 - 12 - 2026

REVISION #1 03 - 06 - 2026

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:
Yogasix Infill (DPLS Lot 5)
 1900 NE Discovery Ave, Suite 122
 Lees Summit, Jackson County, MO 64064

AHU APPROVAL STAMP

SHEET TITLE

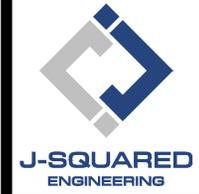
HVAC SCHEDULES

SHEET NUMBER

M601



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 Columbia, Missouri 65201
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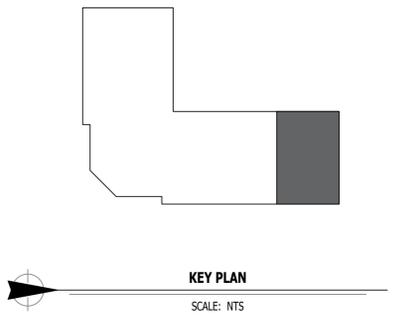
POWER PLAN

SHEET NUMBER

EP101

POWER PLAN SYMBOL LEGEND

- CIRCUIT WIRING
- CIRCUIT TAG
- JUNCTION BOX
- RECEPTACLE
- INDICATES MOUNTING HEIGHT TO BOTTOM OF BOX (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE)
- "WP" = WEATHERPROOF OUTDOOR RECEPTACLE
- "AW" = ABOVE WINDOW RECEPTACLE
- "AC" = ABOVE CEILING RECEPTACLE
- "EX" = EXISTING RECEPTACLE TO REMAIN
- GFCI DUPLEX CONVENIENCE RECEPTACLE
- 208V RECEPTACLE
- QUADPLEX CONVENIENCE RECEPTACLE
- USB OUTLET WITH USB-A & USB-C CHARGING PORT
- DATA / PHONE JACK BOX WITH 1" CONDUIT & CAT 6 BACK TO A/V RACK (STANDARD @ 18" AFF UNLESS NOTED OTHERWISE) REFER TO FRANCHISE DESIGN INTENT PACKAGE FOR DETAILS
- SPEAKER - PROVIDE JUNCTION BOX & PLENUM-RATED 16/2 SPEAKER CABLE BACK TO A/V RACK WITH 15' SLACK AT BOTH ENDS. COORDINATE EXACT LOCATION & REQUIREMENTS WITH G.C.
- CAMERA - PROVIDE JUNCTION BOX & CAT 6 PLENUM-RATED CABLE BACK TO A/V RACK WITH 15' SLACK AT BOTH ENDS. COORDINATE EXACT LOCATION & REQUIREMENTS WITH G.C.

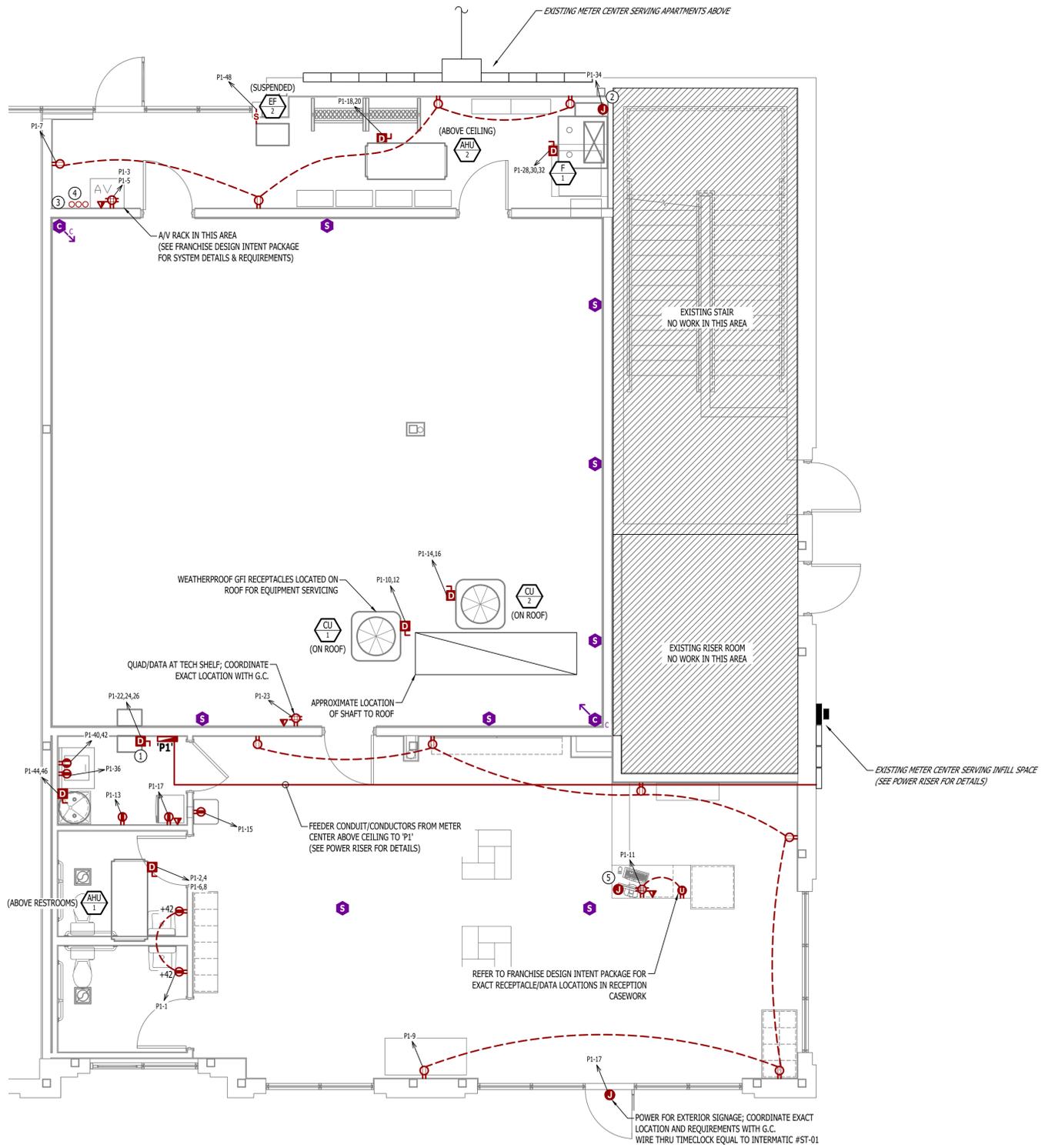


POWER PLAN GENERAL NOTES:

1. REFER TO E500 AND/OR E600 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL ELECTRICAL EQUIPMENT, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING ELECTRICAL EQUIPMENT, CIRCUITS, ETC. SHOWN IS FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT EQUIPMENT LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

POWER PLAN KEY NOTES:

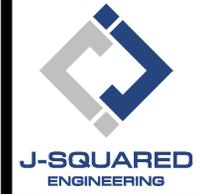
- ① POWER FOR STEAM HUMIDIFIER; COORDINATE EXACT LOCATION & REQUIREMENTS WITH HVAC CONTRACTOR.
- ② POWER FOR UV FILTRATION KIT; COORDINATE EXACT LOCATION & REQUIREMENTS WITH HVAC CONTRACTOR.
- ③ ④ ⑤ 2" CONDUITS STUBBED OUT 6" ABOVE A.C.T. & RAN TO 2-GANG CUT-IN RING AT A/V RACK LOCATION. REFER TO FRANCHISE DESIGN INTENT PACKAGE FOR DETAILS.
- ② CAT 6 PLENUM-RATED CABLES 60" A.F.F. IN DOUBLE-GANG CUT-IN RING BACK TO A/V RACK WITH 15' SLACK AT BOTH ENDS. REFER TO FRANCHISE DESIGN INTENT PACKAGE FOR DETAILS.
- ① ②/2 SHIELDED PLENUM-RATED AUDIO CABLE BACK TO A/V RACK WITH 15' SLACK AT BOTH ENDS. REFER TO FRANCHISE DESIGN INTENT PACKAGE FOR DETAILS.



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



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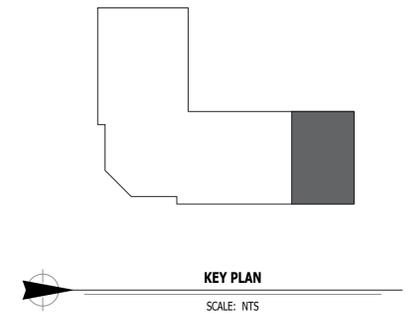
LIGHTING PLAN

SHEET NUMBER

EL101

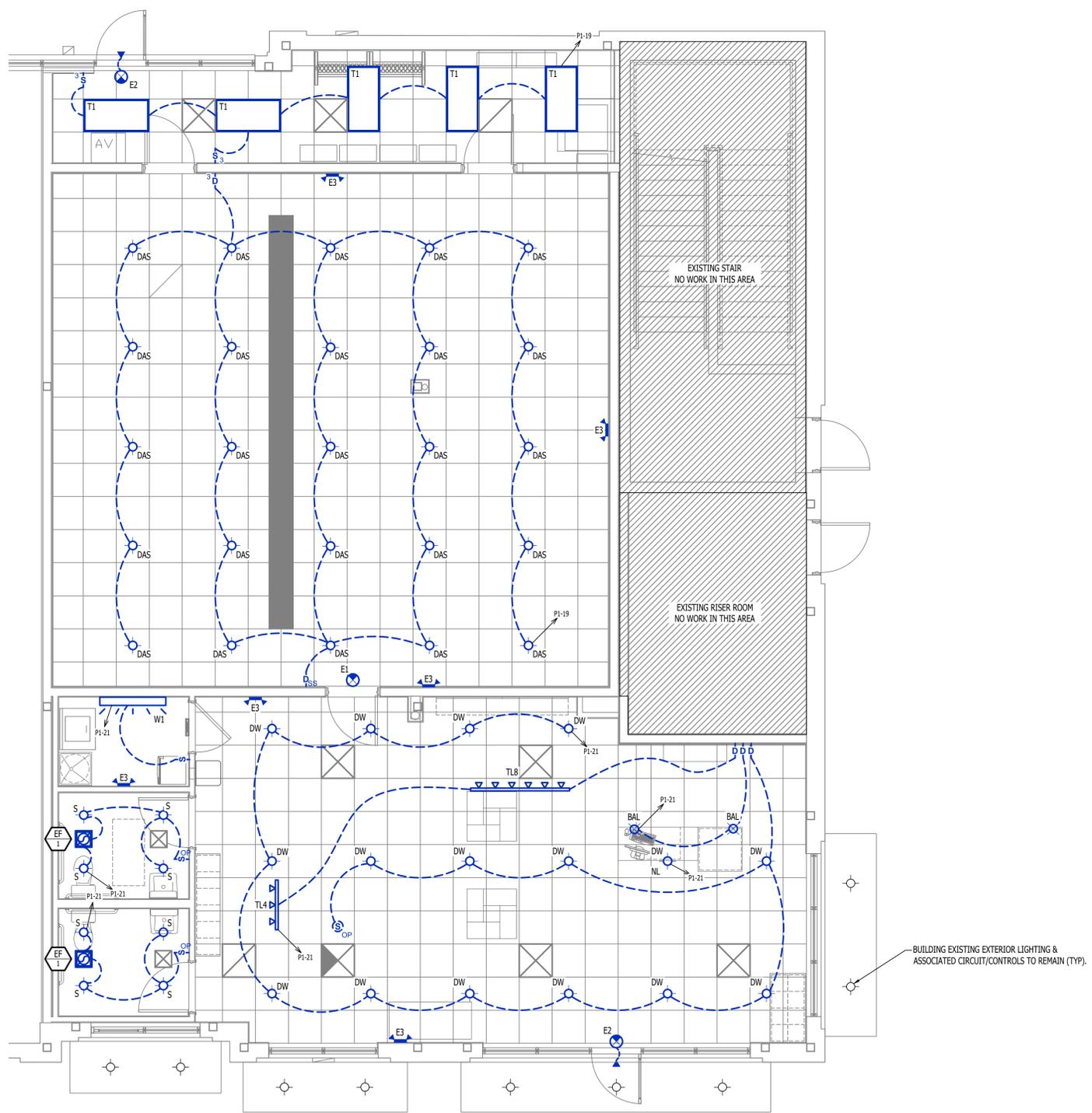
LIGHTING PLAN SYMBOL LEGEND

- X1 "X1" INDICATES FIXTURE TYPE (REFER TO SCHEDULE)
- LIGHTING FIXTURE
- EM "EM" INDICATES EMERGENCY BATTERY BACKUP
- NL "NL" INDICATES UN-SWITCHED NIGHT LIGHT
- ⊕ EXIT LIGHT
- ⊕ INDICATES REQUIRED REMOTE HEAD
- ⊕ EMERGENCY EGRESS LIGHT
- S_w SWITCH (WALL MOUNTED)
- SWITCH TYPE:
 - 3 = 3-WAY
 - 4 = 4-WAY
 - OP = PASSIVE INFRARED OCCUPANCY SENSOR
 - OU = ULTRASONIC OCCUPANCY SENSOR
 - OT = DUAL-TECHNOLOGY OCCUPANCY SENSOR
 - VP = PASSIVE INFRARED VACANCY SENSOR
 - VU = ULTRASONIC VACANCY SENSOR
 - VT = DUAL-TECHNOLOGY VACANCY SENSOR
 - M = MOMENTARY SWITCH
 - SS = SCENE SWITCH
- D_w DIMMER SWITCH (WALL MOUNTED)
- SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS
- ⊕ SWITCH (CEILING MOUNTED)
- SWITCH TYPE:
 - SEE "SWITCH (WALL MOUNTED)" FOR TYPE DESIGNATIONS
- OCCUPANCY SENSOR**
 - AUTO FULL-ON (OR 50% IF NOTED)
 - AUTOMATICALLY TURN OFF LIGHTING AFTER 20 MINUTES WITHOUT OCCUPANT DETECTION
 - WITH MANUAL OVERRIDE CONTROL (IF NOTED)
- VACANCY SENSOR**
 - MANUAL FULL-ON
 - AUTOMATICALLY TURN OFF LIGHTING AFTER 20 MINUTES WITHOUT OCCUPANT DETECTION
 - WITH MANUAL OVERRIDE CONTROL (IF NOTED)



LIGHTING PLAN GENERAL NOTES:

1. REFER TO E500 AND/OR E600 SERIES SHEETS FOR ADDITIONAL LIGHTING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. OCCUPANCY/VACANCY SENSOR QUANTITIES AND GENERAL LOCATIONS SHOWN FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE & INSTALL SENSOR WITH SPACING PER MANUFACTURER'S SPECIFICATIONS AND INCLUDE ADDITIONAL SENSORS IF NECESSARY. CEILING-MOUNTED SENSORS SHALL BE INSTALLED WITHIN MANUFACTURER'S ACCEPTABLE MOUNTING HEIGHT RANGE.
3. ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL FIXTURES, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
4. INTERIOR LIGHT FIXTURES & CONTROL DEVICES PROVIDED BY FRANCHISE LIGHTING SUPPLIER, ELECTRICIAN TO INSTALL. COORDINATE ALL DETAILS & REQUIREMENTS WITH G.C. & EQUIPMENT SUPPLIER.



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

ELECTRICAL SPECIFICATIONS

1. **GENERAL**
 - 1.1. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY PIECES AND COMPONENTS TO PROVIDE A COMPLETE AND COMPLIANT ELECTRICAL SYSTEM UNLESS OTHERWISE NOTED ON PLANS.
 - 1.2. THE ENTIRE ELECTRICAL SYSTEM SHALL BE CONTINUOUSLY GROUNDED. EVERY BRANCH CONDUIT SHALL INCLUDE A GREEN GROUND CONDUCTOR SIZED PER NEC.
 - 1.3. ARC-FAULT CIRCUITS SHALL BE RATED WITH A DEDICATED NEUTRAL AS REQUIRED BY MANUFACTURER.
 - 1.4. PROVIDE PERMANENT ARC-FLASH LABEL AFFIXED TO EVERY DISCONNECT AND PANEL.
 - 1.5. PROVIDE TYPE WRITTEN PANEL SCHEDULE FOR EACH PANEL.
2. **WORKMANSHIP**
 - 2.1. ALL ELECTRICAL SYSTEM COMPONENTS SHALL BE INSTALLED LEVEL, PLUMB, AND PARALLEL/PERPENDICULAR TO BUILDING ORIENTATION WHERE POSSIBLE.
 - 2.2. ALL ELECTRICAL DEVICES AND LIGHT FIXTURES SHALL BE INSTALLED IN A SAFE, FIRST-CLASS MANNER WITH ATTENTION GIVEN TO OVERALL AESTHETICS. CARE SHOULD BE TAKEN TO ALLOW FOR FUTURE REPLACEMENT AND ACCESS FOR SERVICE.
3. **MATERIALS**
 - 3.1. **CONDUIT & CONDUCTORS**
 - 3.1.1. ALL CONDUCTORS SIZES INDICATED ARE COPPER UNLESS NOTED OTHERWISE ON PLANS.
 - 3.1.2. ABOVE GRADE CONDUCTORS SHALL BE TYPE THHN.
 - 3.1.3. BELOW GRADE CONDUCTORS SHALL BE TYPE XHHW-2.
 - 3.1.4. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE. 120-VOLT, 20-AMP CIRCUITS WITH CONDUCTOR LENGTHS GREATER THAN 100' SHALL BE #10 AWG MINIMUM. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MEASURING ACTUAL CONDUCTOR LENGTH AND INCREASING CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP AS REQUIRED BY NEC.
 - 3.1.5. RIGID GALVANIZED OR SCHEDULE 40 PVC CONDUIT SHALL BE USED FOR SERVICE WIRING, BELOW GRADE INSTALLATIONS, OR WHERE EXPOSED TO WEATHER.
 - 3.1.6. IN APPLICATIONS OTHER THAN THOSE LISTED IN 3.1.4, EMT OR MC CABLE IS ACCEPTABLE. WHERE CONDUCTORS ARE PROTECTED FROM DAMAGE, ENCLOSED IN BUILDING MATERIALS, AND CONSTRUCTION IS OF A PERMITTED TYPE, NM CABLE MAY BE USED.
 - 3.1.7. FOR CAST-IN-PLACE CONCRETE, TILT-UP WALL CONSTRUCTION, OR PRE-MANUFACTURED WALL SYSTEMS, COORDINATE EXACT LOCATIONS OF ALL DEVICES WITHIN WALLS WITH WALL SUPPLIER. CONDUIT EMBEDDED IN WALLS SHALL BE SCHEDULE 80 PVC OR LPMC, OR OTHER SYSTEM APPROVED BY WALL MANUFACTURER.
 - 3.1.8. EXPOSED CONDUIT SHALL BE PAINTED TO MATCH ADJACENT SURFACES, VERIFY COLOR WITH ARCHITECT/OWNER.
 - 3.2. **DEVICES**
 - 3.2.1. CONTRACTOR TO PROVIDE J-BOXES, COVER PLATES, AND ANY ACCESSORIES REQUIRED TO PROVIDE A COMPLETE SYSTEM. SEE ARCHITECTURAL PLANS FOR DEVICE COLORS.
 - 3.2.2. DUPLEX RECEPTACLES SHALL BE TAMPER RESISTANT, 20-AMP, EQUAL TO LEVITON #TBR-20.
 - 3.2.3. SINGLE POLE TOGGLE WALL SWITCHES SHALL BE EQUAL TO LEVITON CS120-2.
 - 3.2.4. THREE-WAY TOGGLE WALL SWITCHES SHALL BE EQUAL TO LEVITON CS320-2.
 - 3.2.5. DIMMER SWITCHES SHALL BE TESTED WITH FIXTURES AND LAMPS FOR COMPATIBILITY. SEE LIGHTING PLANS FOR DETAILS.
 - 3.2.6. WHERE GFCI PROTECTION IS SHOWN ON PLANS AND UNLESS OTHERWISE NOTED, PROVIDE A LISTED GFCI-PROTECTED RECEPTACLE WHERE THE RECEPTACLE IS ACCESSIBLE ON PLANS. IF THE RECEPTACLE LOCATION IS NOT ACCESSIBLE AS DEFINED BY NEC, PROVIDE GFCI PROTECTION AT CIRCUIT BREAKER.
 - 3.2.7. DO NOT INSTALL OCCUPANCY/VACANCY SENSORS WITHIN 48" OF HVAC DIFFUSERS/GRILLES OR SIMILAR OBSTRUCTION THAT MAY AFFECT SENSOR FUNCTIONALITY. ALL SENSORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 - 3.2.8. ALL APPLICABLE SWITCHES, RECEPTACLES, CONTROLS, ETC. SHALL BE MOUNTED AT ADA-ACCESSIBLE HEIGHTS.
 - 3.2.9. WIRING DEVICES SHOWN ON PLANS NEXT TO ONE ANOTHER SHALL UTILIZE A SINGLE COVER PLATE UNLESS NOTED OTHERWISE.
 - 3.3. WIRING DEVICES SHOWN BACK-TO-BACK ON EACH SIDE OF A WALL SHALL BE OFFSET TO REDUCE SOUND TRANSMISSION.
 - 3.4. EACH RECEPTACLE COVER SHALL BE NEATLY AND LEGIBLY LABELED WITH CORRESPONDING PANEL AND CIRCUIT NUMBER FOR CIRCUIT IDENTIFICATION.
4. **EMERGENCY LIGHTING**
 - 4.1. BRANCH CIRCUIT FEEDING EMERGENCY FIXTURE(S) SHALL BE SAME BRANCH CIRCUIT AS THAT SERVING NORMAL LIGHTING IN SAME AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES.
 - 4.2. EMERGENCY LIGHTING SYSTEM SHALL PROVIDE 1FC AVERAGE AND 0.1FC MINIMUM ALONG EGRESS PATHS. ADJUST ANY EMERGENCY FIXTURES AS NECESSARY TO PROVIDE PROPER ILLUMINATION WITHOUT OBSTRUCTION FROM FURNITURE OR OBSTACLES.

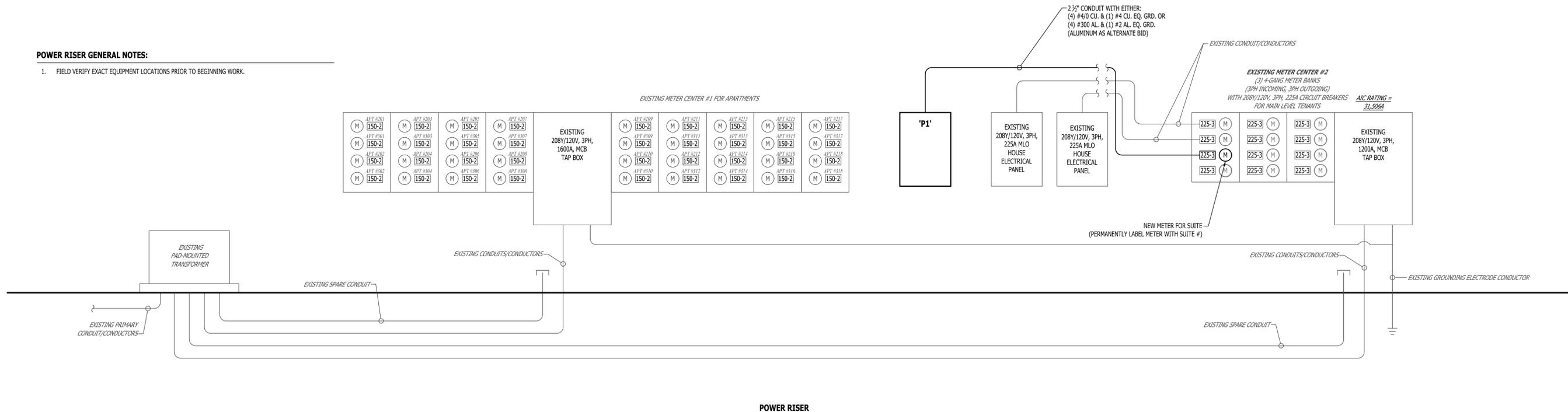
POWER RISER GENERAL NOTES:

1. FIELD VERIFY EXACT EQUIPMENT LOCATIONS PRIOR TO BEGINNING WORK.

LIGHT FIXTURE SCHEDULE							
TAG	DESCRIPTION	MOUNTING	LUMEN OUTPUT	CCT (*K)	VOLTA GE	WATTS	NOTES
BAL	16" RLM LED SHADE PENDANT	SURFACE / PENDANT	2500	4000	120	27	1
DAS	4" LED RECESSED DOWNLIGHT	RECESSED / CEILING	1200	4000	120	12	1
DW	8" RECESSED DOWNLIGHT	RECESSED / CEILING	2700	4000	120	25	1
E1	EXIT SIGN	CEILING / WALL	-	-	120	3	1
E2	EXIT SIGN WITH INTERIOR LIGHTS & REMOTE HEAD	CEILING / WALL	-	-	120	4	2
E3	DUAL HEAD LED EMERGENCY LIGHT	SURFACE / WALL	220	5700	120	1	1
S	8" SURFACE MOUNT LED	SURFACE / CEILING	1100	4000	120	18	1
T1	SELECTABLE LED 2x4 FLAT PANEL	CEILING / GRID	4000	4000	120	40	2
TL4	4'L LED TRACK LIGHTING KIT	CEILING / SURFACE	3000	4000	120	39	1
TL8	8'L LED TRACK LIGHTING KIT	CEILING / SURFACE	5000	4000	120	65	1
W1	4' LED WALL-MOUNT STRIP	CEILING / WALL	4000	4000	120	40	2
NOTES:							
1. LIGHT FIXTURES PROVIDED BY FRANCHISE LIGHTING EQUIPMENT SUPPLIER; INSTALLED BY ELECTRICIAN. COORDINATE DETAILS & REQUIREMENTS WITH GC.							
2. ELECTRICIAN TO PROVIDE & INSTALL							

PANEL 'P1' SCHEDULE									
PANEL SPECIFICATIONS								TOTAL CONNECTED LOAD	
VOLTAGE: 120/208V 3-PH				NEMA RATING: 1				PHASE "A" LOAD: 158.5 AMPS	
AMPACITY: 225A MLO				PANEL MOUNTING: SURFACE				PHASE "B" LOAD: 160 AMPS	
AIC-RATING: 22KA								PHASE "C" LOAD: 152 AMPS	
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	RESTROOM RECEP.TS.	20-1	3	A	41	60-2	AHU-1	2	
3	AV RACK	20-1	1.5	B	41	-	-	4	
5	AV RACK	20-1	1.5	C	18	25-2	AHU-1	6	
7	STORAGE RECEP.TS.	20-1	6	A	18	-	-	8	
9	LOBBY RECEP.TS.	20-1	9.5	B	18	30-2	CU-1	10	
11	WELCOME DESK RECEP.TS.	20-1	4.5	C	18	-	-	12	
13	UTILITY ROOM RECEP.T.	20-1	1.5	A	12	20-2	CU-2	14	
15	WATER DISPENSER	20-1	5	B	12	-	-	16	
17	EXTERIOR SIGNAGE	20-1	5	C	28	35-2	AHU-2	18	
19	INTERIOR LIGHTING	20-1	5	A	28	-	-	20	
21	INTERIOR LIGHTING	20-1	6	B	29	40-3	HUMIDIFIER	22	
23	TECH SHELF QUAD	20-1	3	C	29	-	-	24	
25	SPARE	20-1	A	29	-	-	-	26	
27	SPARE	20-1	B	1	20-3	-	F-1	28	
29	SPARE	20-1	C	1	-	-	-	30	
31	SPARE	20-1	A	1	-	-	-	32	
33	SPARE	20-1	B	3	20-1	-	UV FILTRATION	34	
35	SPARE	20-1	C	10	20-1	-	WASHING MACHINE	36	
37	SPARE	20-1	A	-	20-1	-	SPARE	38	
39	SPARE	20-1	B	20	30-2	-	DRYER	40	
41	SPARE	20-1	C	20	-	-	-	42	
43	SPARE	20-1	A	14	20-2	-	WATER HEATER	44	
45	SPARE	20-1	B	14	-	-	-	46	
47	SPARE	20-1	C	14	20-1	-	EF-2	48	
49	OPEN	20-1	A	-	-	-	OPEN	50	
51	OPEN	20-1	B	-	-	-	OPEN	52	
53	OPEN	20-1	C	-	-	-	OPEN	54	
55	OPEN	20-1	A	-	-	-	OPEN	56	
57	OPEN	20-1	B	-	-	-	OPEN	58	
59	OPEN	20-1	C	-	-	-	OPEN	60	

NOTES:
A: PANEL SHALL BE EQUAL TO SQUARE D MODEL "QO"
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.



POWER RISER

JAMES P. WATSON
PROFESSIONAL ENGINEER
NUMBER PE-2015017071
March 6, 2026
MO Certificate of Authority # 2018029680

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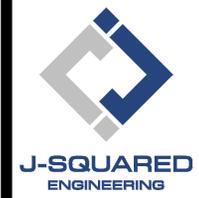
ELECTRICAL DETAILS & SCHEDULES

SHEET NUMBER

E501



James Watson, P.E. March 6, 2026
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SANITARY SEWER PLAN

SHEET NUMBER

PS101

SANITARY SEWER PLAN SYMBOL LEGEND

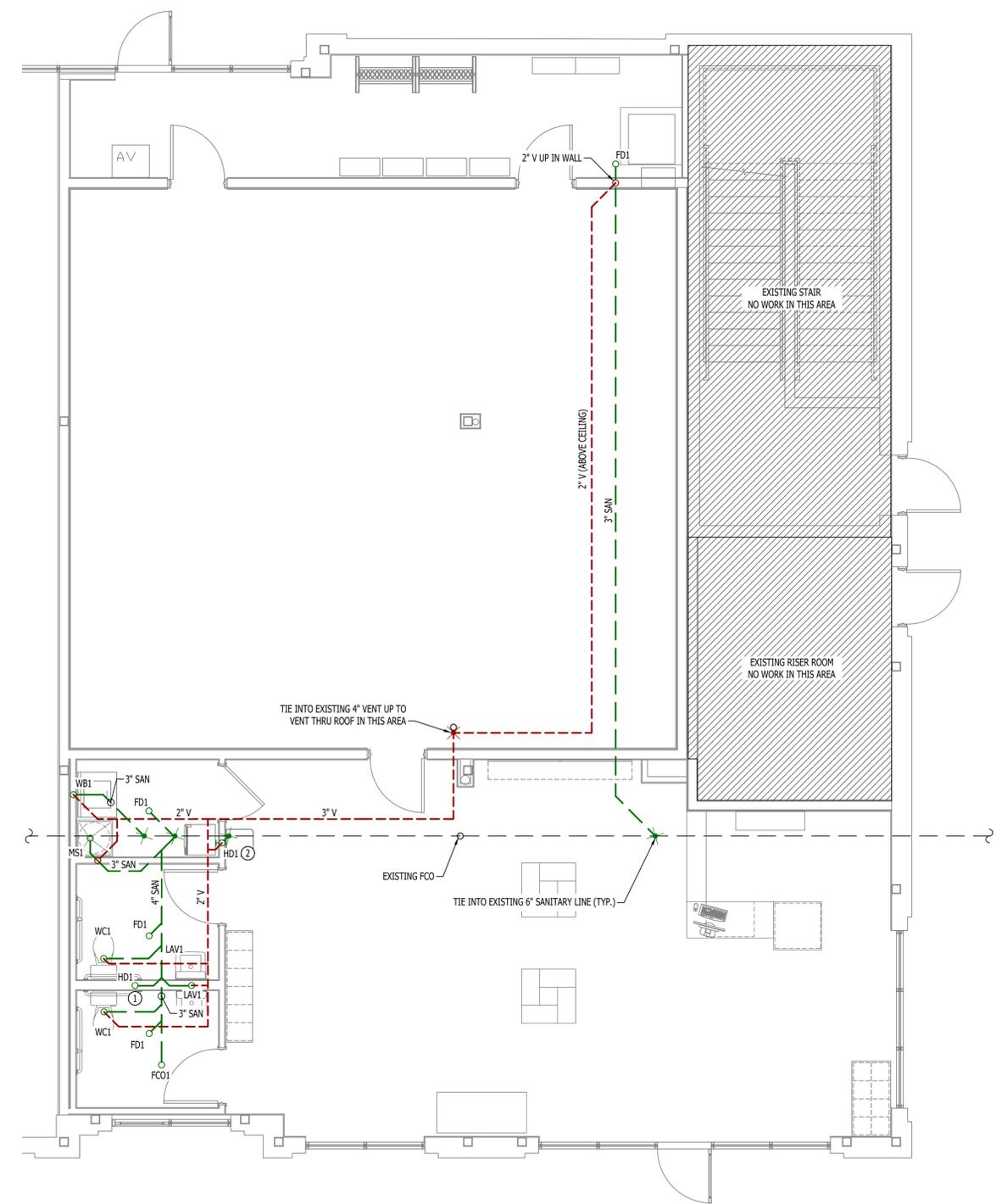
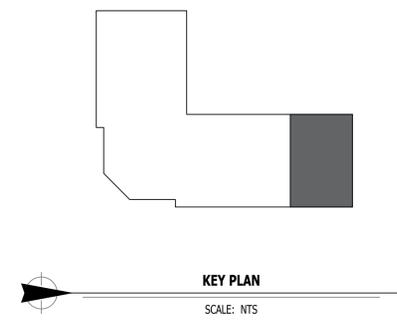
- SANITARY SEWER PIPING
- VENT PIPING
- PIPING TURNED DOWN / TURNED UP
- TIE INTO EXISTING

SANITARY SEWER PLAN GENERAL NOTES:

1. REFER TO P500 AND/OR P600 SERIES SHEETS FOR ADDITIONAL PLUMBING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. PLUMBING CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, PIPING, HANGERS / SUPPORTS, ETC. WITH HVAC AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING SANITARY/VENT PIPING SHOWN IS FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT PIPING SIZE, LOCATIONS, DEPTH, DIRECTION, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

SANITARY SEWER PLAN KEY NOTES:

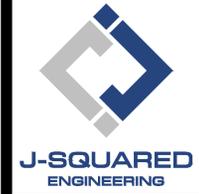
- ① 2" SANITARY UP IN WALL TO HUB-DRAIN FOR HVAC CONDENSATE, COORDINATE WITH HVAC CONTRACTOR.
- ② CONNECT DRAIN OF WATER DISPENSER TO SANITARY HUB DRAIN PER MANUFACTURER'S SPECIFICATIONS.



SANITARY SEWER PLAN
 SCALE: 1/4" = 1'-0"



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ISSUE TITLE	DATE
PERMIT SET	02 - 12 - 2026
REVISION #1	03 - 06 - 2026

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:
Yogasix Infill (DPLS Lot 5)
 1900 NE Discovery Ave, Suite 122
 Lees Summit, Jackson County, MO 64064

AHJ APPROVAL STAMP

SHEET TITLE

WATER & GAS PLAN

SHEET NUMBER

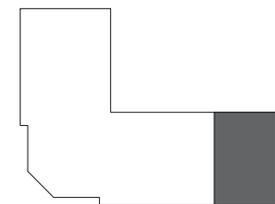
PW101

WATER & GAS PLAN SYMBOL LEGEND

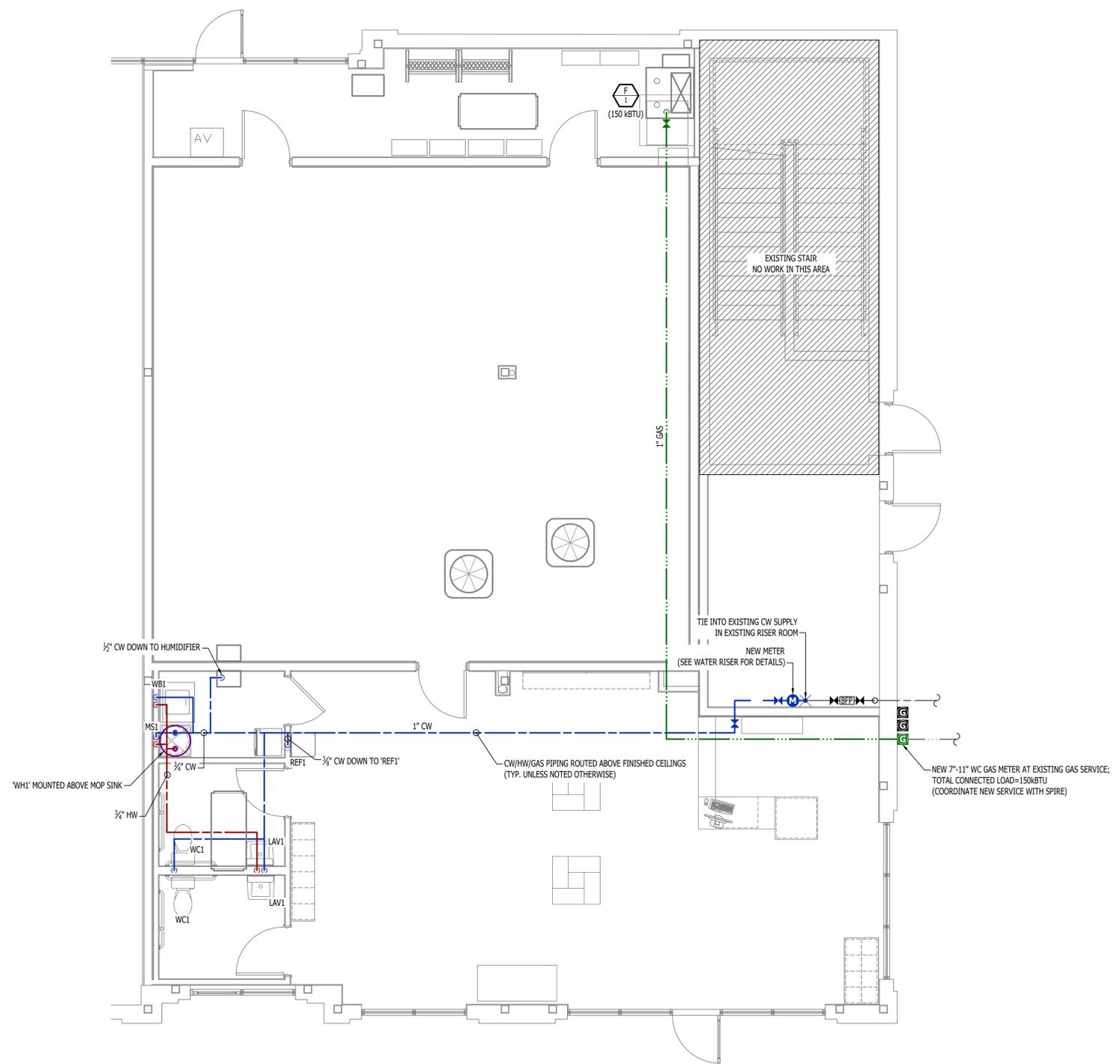
- COLD WATER LINE
- HOT WATER LINE
- HOT WATER RECIRCULATION LINE
- FILTERED WATER LINE
- WATER METER
- VALVE
- PUMP
- GAS LINE
- GAS METER
- AIR LINE
- PIPING TURNED DOWN / TURNED UP
- TIE INTO EXISTING

WATER & GAS PLAN GENERAL NOTES:

1. REFER TO P500 AND/OR P600 SERIES SHEETS FOR ADDITIONAL PLUMBING NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
2. PLUMBING CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL EQUIPMENT, PIPING, HANGERS / SUPPORTS, ETC. WITH HVAC AND ELECTRICAL TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
3. ANY EXISTING WATER OR GAS PIPING SHOWN IS FOR REFERENCE ONLY. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT PIPING SIZE, LOCATIONS, DEPTH, CONDITION, ETC. PRIOR TO INSTALLATION OF ANY MATERIAL AND NOTIFY ENGINEER OF ANY DISCREPANCIES.



KEY PLAN
 SCALE: NTS



WATER & GAS PLAN
 SCALE: 1/4" = 1'-0"

