

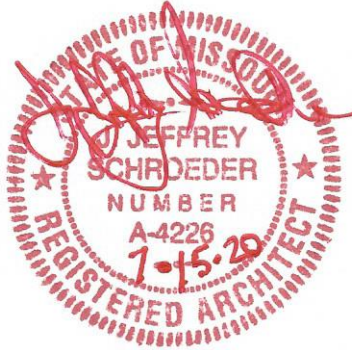
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TENANT FINISH FOR
Z HAIR ACADEMY
232 OLDHAM PARKWAY, LEES SUMMIT, MO

J. Jeffrey Schroeder Mo. License A-4226
Herman Scharhag Co., Arch. Cert. of Authority A-22



No.	Description	Date
Revision Schedule		

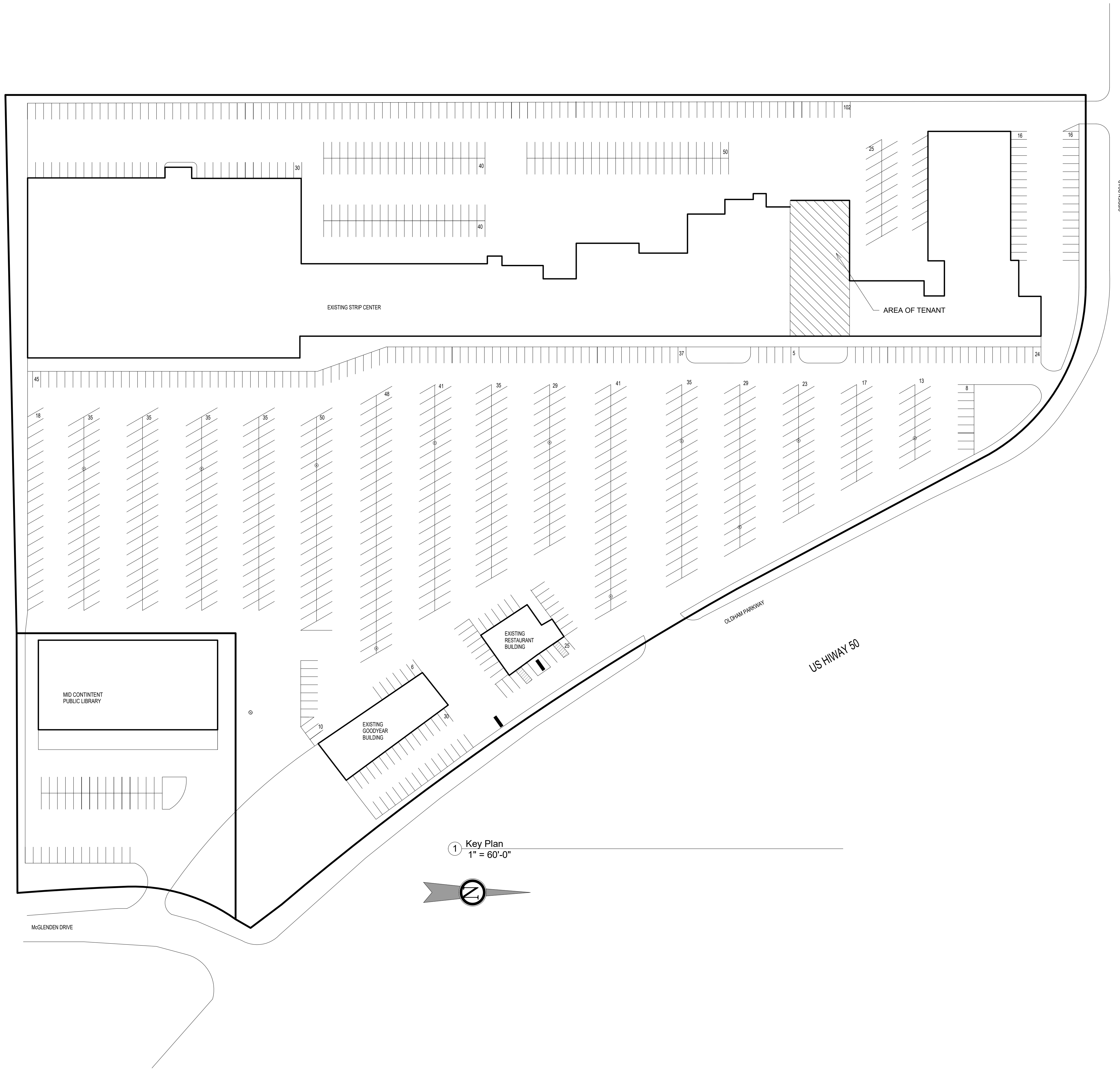
Demo Plan

Project number 2280
Date 06.26.2020

A001

Scale 1/8" = 1'-0"

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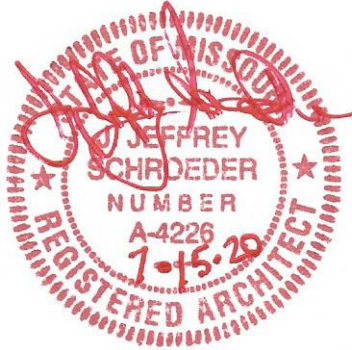
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No.	Description	Date
Revision Schedule		

Key Plan

Project number	2280
Date	06.26.2020

A100

Scale	1" = 60'-0"
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Door Schedule					
Number	Family	Type	hardware type	Door Material	Frame Material
001	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
002	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
003	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
004	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
005	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
006	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
007	Single-Flush	3 x 7 Toilet	Latchset w/ lever handles, strike plate, 1 1/2 pair hinges, closer	WD	HM
008	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
009	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
010	Storefront Entry	Store Front Double Door		AL	AL
011	Single-Flush	3 x 7 Office	Lockset w/ lever handles, strike plate, 1 1/2 pair hinges	WD	HM
012	Double-Flush	6x7 Interior	Lockset w/ lever handles, strike plate, 2 1/2 pair hinges	WD	HM
013	Storefront Entry Single	Store Front Single Door		AL	AL

HM = 16 GA. HOLLOW METAL, PAINTED
WD = SOLID CORE RED OAK, STAINED
AL = ANODIZED ALUMINUM
IRP = IMPACT RESISTANT PLASTIC

HARDWARE SHALL BE MEDIUM DUTY COMMERCIAL GRADE. DOOR HARDWARE SHALL CONSIST OF BUTTS, LATCHSET OR LOCKSET, SILENCERS, SMOKE GASKETING FOR RATED DOORS, CLOSERS WHERE NOTED, PANIC DEVICES WHERE NOTED. EXTERIOR DOORS SHALL ALSO HAVE THRESHOLD, WEATHERSTRIPPING, SWEEP AND KEYED LOCK. CONTRACTOR SHALL COORDINATE ALL LATCH/LOCK FUNCTIONS AND KEYING OF LOCKS WITH OWNER. MAX. THRESHOLD = 1/2". ALL HARDWARE TO BE LEVER TYPE OR PUSH/PULL. ALL DOORS IN EGRESS PATHWAYS SHALL BE FREE TURNING FOR EXITING. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. FURTHER, ALL EGRESS DOORS FROM ROOMS AND EXTERIOR EGRESS DOORS, FOR GROUP A AND GROUP E OCCUPANCIES SHALL NOT HAVE A LOCK OR LATCH OTHER THAN PANIC HARDWARE. ALL DOOR THRESHOLDS SHALL BE A MAX. OF 1/2" ABOVE FLOOR LEVEL AND BOTH SIDES SHALL BE BEVELED AT A SLOPE OF 1:2. SCHLAGE OR EQUAL STANDARD DUTY HARDWARE (SATIN CHROME) WITH LEVERS.

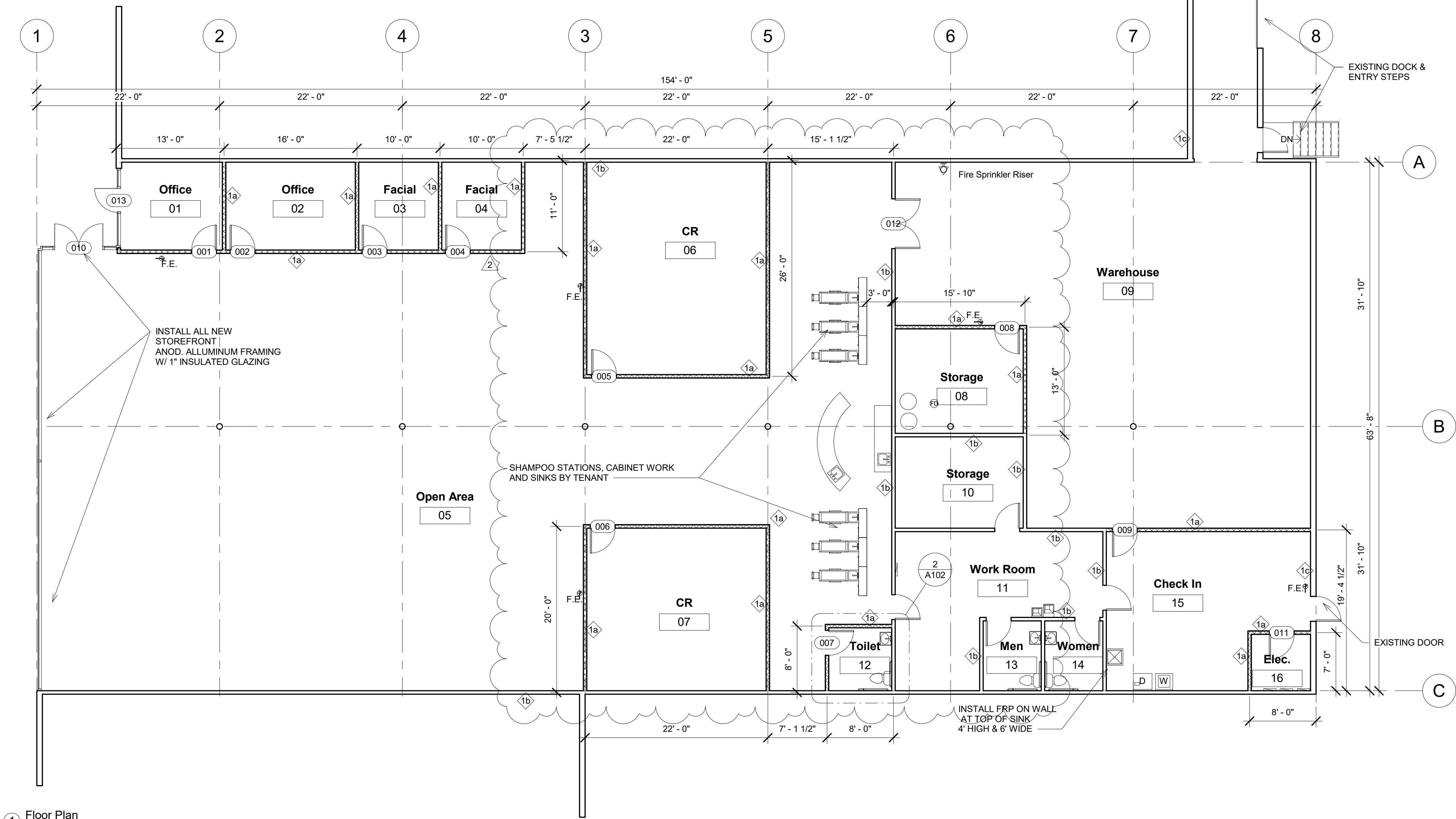
GLASS IN DOORS AND SIDELIGHTS SHALL BE SAFETY GLASS PER IBC SEC. 2406.1

Room Schedule					
Number	Name	Base Finish	Wall Finish	Floor Finish	Ceiling Finish
01	Office	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
02	Office	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
03	Facial	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
04	Facial	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
05	Open Area	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
06	CR	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
07	CR	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
08	Storage	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
09	Warehouse	None	Existing	Existing	None
10	Storage	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
11	Work Room	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
12	Toilet	6" rubber cove	Epoxy Paint	Polished Conc.	2x4 Suspended Acoustical
13	Men	Existing	Epoxy Paint	Polished Conc.	Existing
14	Women	Existing	Epoxy Paint	Polished Conc.	Existing
15	Check In	4" rubber cove	Painted gyp. b/d	Polished Conc.	2x4 Suspended Acoustical
16	Elec.	4" rubber cove	Painted gyp. b/d	Polished Conc.	None

MATCH EXIST. CL'G HEIGHT IN ROOM #5
ALL OTHER CEILINGS TO BE 9'-0" AFF

Wall Schedule		
Type Mark	Type	Type Comments

	Counter	To remain
1a	Interior Partition-Metal Stud	3-5/8" Metal studs @ 16" o.c. w/ 3 1/2" fiberglass batt insulation and (1) layer 5/8" gyp. board each side. To 6" above ceiling
1b	Existing Interior	To remain
1c	Existing Exterior	To remain



BUILDING CODE ANALYSIS

APPLICABLE CODES

2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL FIRE CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2017 NATIONAL ELECTRICAL CODE
2009 ICC/ANSI A117.1

SUMMARY OF WORK

NEW TENANT FINISH IN EXISTING SPACE. THIS IS A CHANGE OF USE FROM 'M' OCCUPANCY TO 'B' OCCUPANCY. ELECTRICAL SERVICE IS EXISTING. ALL UTILITIES ARE EXISTING. REAR OF SPACE HAS AN EXISTING FIRE SPRINKLER SYSTEM INSTALLED. TWO TOILETS, DRINKING FOUNTAIN AND MOP SINK ARE EXISTING. FIRE SPRINKLER SYSTEM TO BE ADJUSTED AS NECESSARY WHERE NEW ROOMS ARE ADDED.

OCCUPANCY CLASSIFICATION

B (HAIR ACADEMY & TRAINING)

TYPE OF CONSTRUCTION

FRONT: II-B, NON-SPRINKLED

REAR: II-B, SPRINKLED

FLOOR AREA

TOTAL AREA: 9,938 SQ.FT.

OCCUPANT LOAD

FRONT: 6,366 / 150 = 43 (TRAINING AREA)

REAR: 3,572 / 500 = 7 (WORK AREA & STORAGE)

TOTAL: 50

EXITS REQUIRED

TWO

EXITS PROVIDED

THREE

TOILET FACILITIES REQUIRED

ONE MEN & ONE WOMEN TOILETS (ADA)

SERVICE SINK & DRINKING FOUNTAIN (ADA)

TOILET FACILITIES PROVIDED

ONE MEN & ONE WOMEN TOILETS (ADA) - EXISTING

SERVICE SINK & DRINKING FOUNTAIN (ADA) - EXISTING

ONE ADDITIONAL UNISEX TOILET (ADA) - NOT REQUIRED BY CODE

DEFERRED SUBMITTALS TO BE COMPLETED BY OTHERS

FIRE SPRINKLER PLANS (PLANS BY SUBCONTRACTOR)

EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. (THUMBTURN IS ACCEPTABLE)

PREMISES SHALL BE IDENTIFIED ON BOTH FRONT AND REAR DOORS, WITH NUMBERS AND/OR LETTERS. EACH CHARACTER SHALL BE NOT LESS THAN 6" HIGH WITH A MINIMUM STROKE WIDTH OF 0.5 INCHES. THEY SHOULD BE INSTALLED ON A CONTRASTING BACKGROUND AND BE PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS NUMBERS AND/OR LETTERS SHALL BE ARABIC NUMBERS OR ALPHABETIC LETTERS.

TENANT FINISH FOR

Z HAIR ACADEMY

232 OLDHAM PARKWAY, LEES SUMMIT, MO



2	Owner Changes	07.13
1	City Comments	07.08
No.	Description	Date
Revision Schedule		

Floor Plan

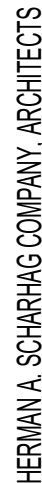
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Date	06.26.2020

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Scale	1/8" = 1'-0"
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FIELD VERIFY ALL DIMENSIONS PRIOR TO ANY CONSTRUCTION

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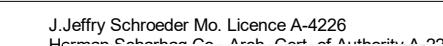


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ZHAIR ACADEMY

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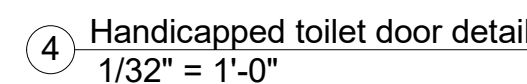
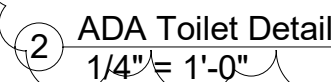
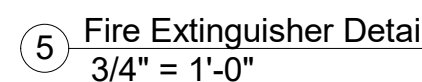
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Description	D

Revision Schedule

Project number	2280
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Date 06.26.2020

Scale	As indicated
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SANITARY FACILITIES

ICC/ANSI A117.1-2017

1. GENERAL-PROVIDE SUFFICIENT SPACE IN THE BATHROOM FOR A WHEELCHAIR MEASURING 30" WIDE X 48" LONG TO ENTER THE ROOM AND PERMIT THE DOOR TO CLOSE. THERE SHALL BE ROOM FOR A 67" DIA. TURNING CIRCLE AS SHOWN ON PLAN. THE WATER CLOSET SHALL BE LOCATED IN A SPACE WHICH PROVIDES A 60" WIDE CLEAR SPACE FROM A FIXTURE OR A WALL AT ONE SIDE AND 60" OF CLEAR SPACE IN FRONT OF THE WATER CLOSET.

2. DOORS-SANITARY FACILITY DOORS SHALL HAVE AN AUTOMATIC CLOSING DEVICE & BE 3'.0" WIDE

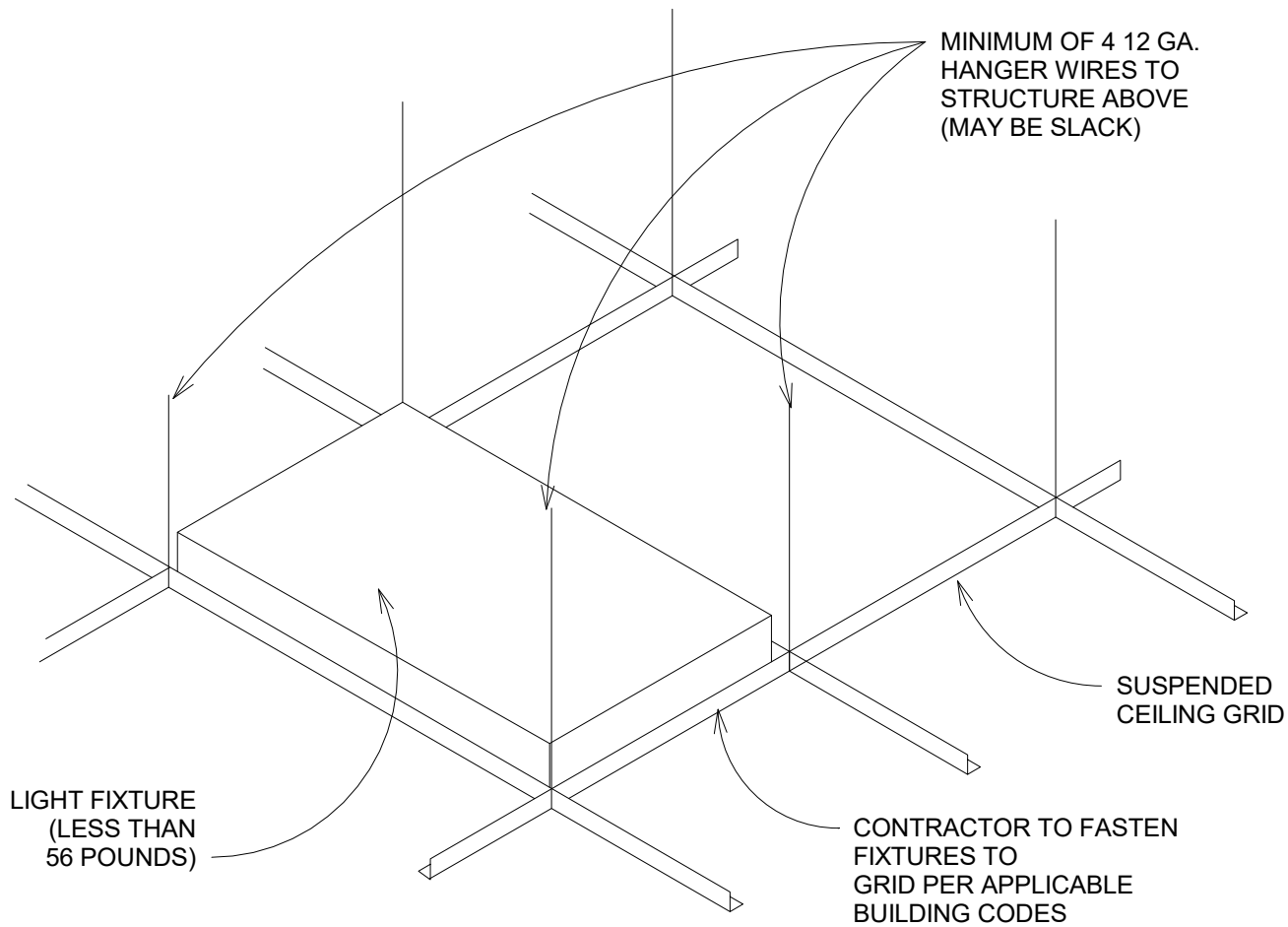
3. GRAB BARS- GRAB BARS SHALL BE AS PER DETAIL 3 & 4 AND SHALL BE CAPABLE OF CARRYING 250 LBS PER FT.

4. **LAVATORY** - LAVATORY HEIGHTS AND CLEARANCES SHALL COMPLY WITH DETAIL 2. INSULATE HOT WATER AND DRAIN PIPES UNDER LAVATORIES. NO SHARP OR ABRASIVE SURFACES ARE ALLOWED UNDER LAVATORIES. FAUCET CONTROLS AND OPERATING MECHANISMS ARE REQUIRED TO BE OPERABLE WITH ONE HAND AND CAN NOT REQUIRE GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS IS NOT TO EXCEED 5 LBS. LEVER-OPERATED, PUSH-TYPE, AND REMOTELY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.

5. ACCESSORIES - IF MIRRORS, PAPER TOWEL, SANITARY NAPKIN, WASTE RECEPTACLES AND SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE IS TO BE LOCATED WITH BOTTOM MAX. 40 INCHES ABOVE THE FLOOR.

6. **FINISHES** - FLOOR FINISH SHALL BE VCT WITH 6" RUBBER COVE BASE. WALL FINISHES WILL BE EPOXY PAINT

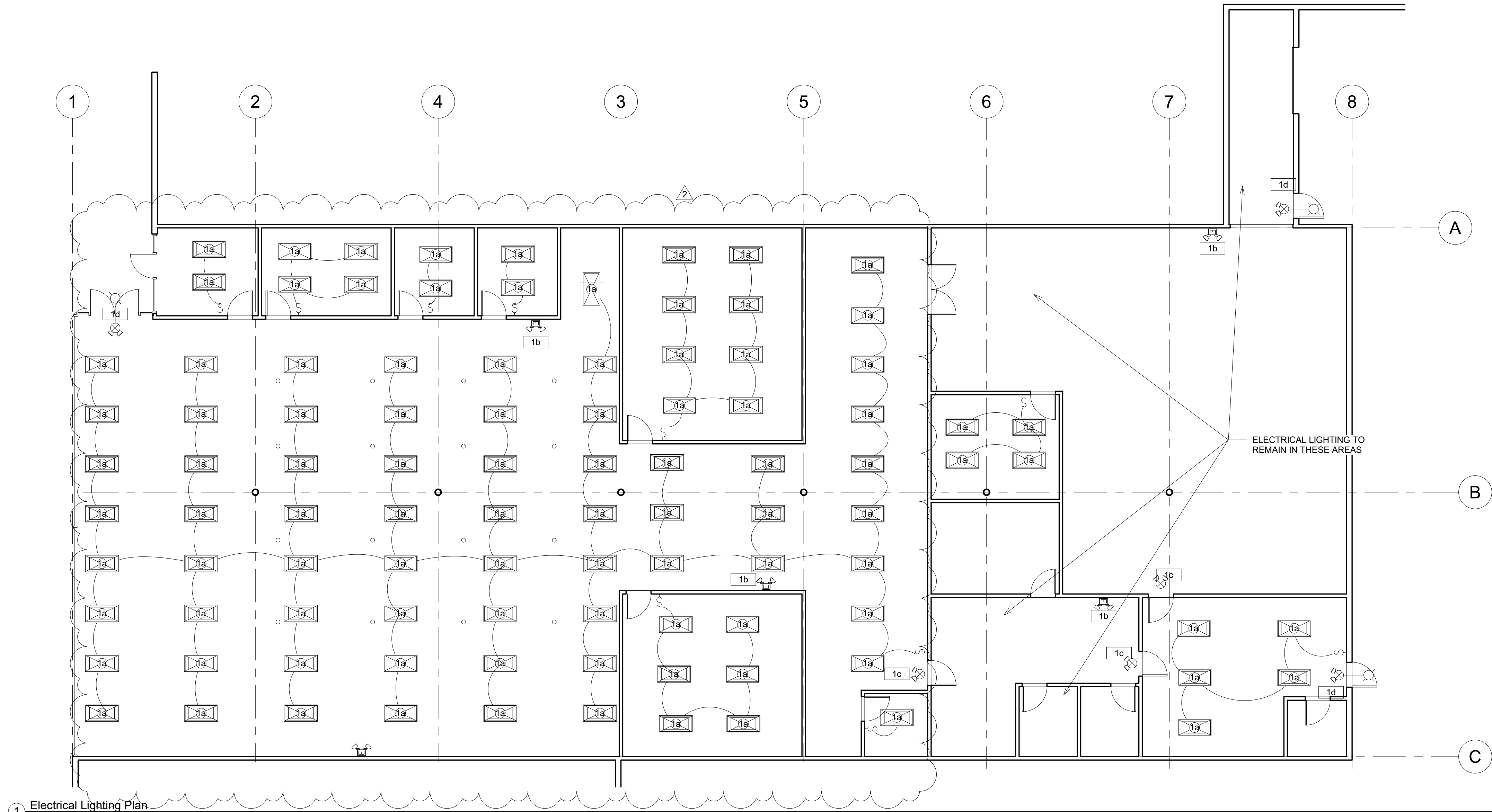
7. URINAL - IF PROVIDED, URINAL LIP SHALL BE MAX. 17" ABOVE FLOOR WITH A CLEAR SPACE OF 30" WIDE X 52" IN FRONT OF URINAL.



2 TYPICAL CEILING MOUNT
1/2" = 1'-0"

Electrical Fixture Schedule		
Type	Description	Count
Power Pole		16
Single GFCI	110 V. Duplex outlet - GFCI	4
Single Outlet	110 V. duplex outlet	60
Single Switch	Switch (42" aff)	10

Lighting Fixture Schedule			
Type Mark	Type	Type Comments	Count
1a	Lithonia LED Recessed Troffer	#2GTL4LP835, 4000 lumens	98
1b	Emergency Light	Two sealed beam & watt lamps, battery backup with 90 minute minimum operation on battery, battery charger, battery test button and light. 120 volt. Wall mounted	5
1c	Exit-Emergency Light Combo	Single face; flourescent, red letters, battery backup with 90 minute minimum operation on battery. Battery charger, battery test button and light, 120 volt.	3
1d	Exit Light- Exterior	Combo exit and emergency light w/ remote exterior head. All with 90 min. battery backup. With remote head	3



1 Electrical Lighting Plan
1/8" = 1'-0"

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TENANT FINISH FOR

Z HAIR ACADEMY

232 OLDHAM PARKWAY, LEES SUMMIT, MO

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2	Owner Changes	07.13
No.	Description	Date
Revision Schedule		

Electrical Lighting

Project number 2280
Date 06.26.2020

E101

Scale As indicated

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ELECTRICAL NOTES:

ALL ELECTRICAL LIGHT AND POWER WIRE SHALL NOT BE SMALLER THAN #12 AWG. ALL LIGHTING AND POWER WIRING #10 AWG AND SMALLER SHALL BE SOLID. ALL CONDUCTORS SHALL BE COPPER ONLY. NO ALUMINUM IS ALLOWED

ALL CONDUITS SHALL BE SIZED IN ACCORDANCE WITH THE LATEST NEC TABLES. MINIMUM CONDUIT SIZES SHALL BE 3/4". ALL CONDUIT IN AND UNDER FLOOR SLAB SHALL BE SCHEDULE 40 PVC

ALL POWER WIRING IN ALL AREAS SHALL BE IN EMT CONDUIT, BOTH IN WALLS AND THROUGH EXPOSED JOISTS. MC CABLE AND ARMORED CABLE ARE ALSO ALLOWABLE IN AREAS WHERE CONDUITS ARE NOT EXPOSED

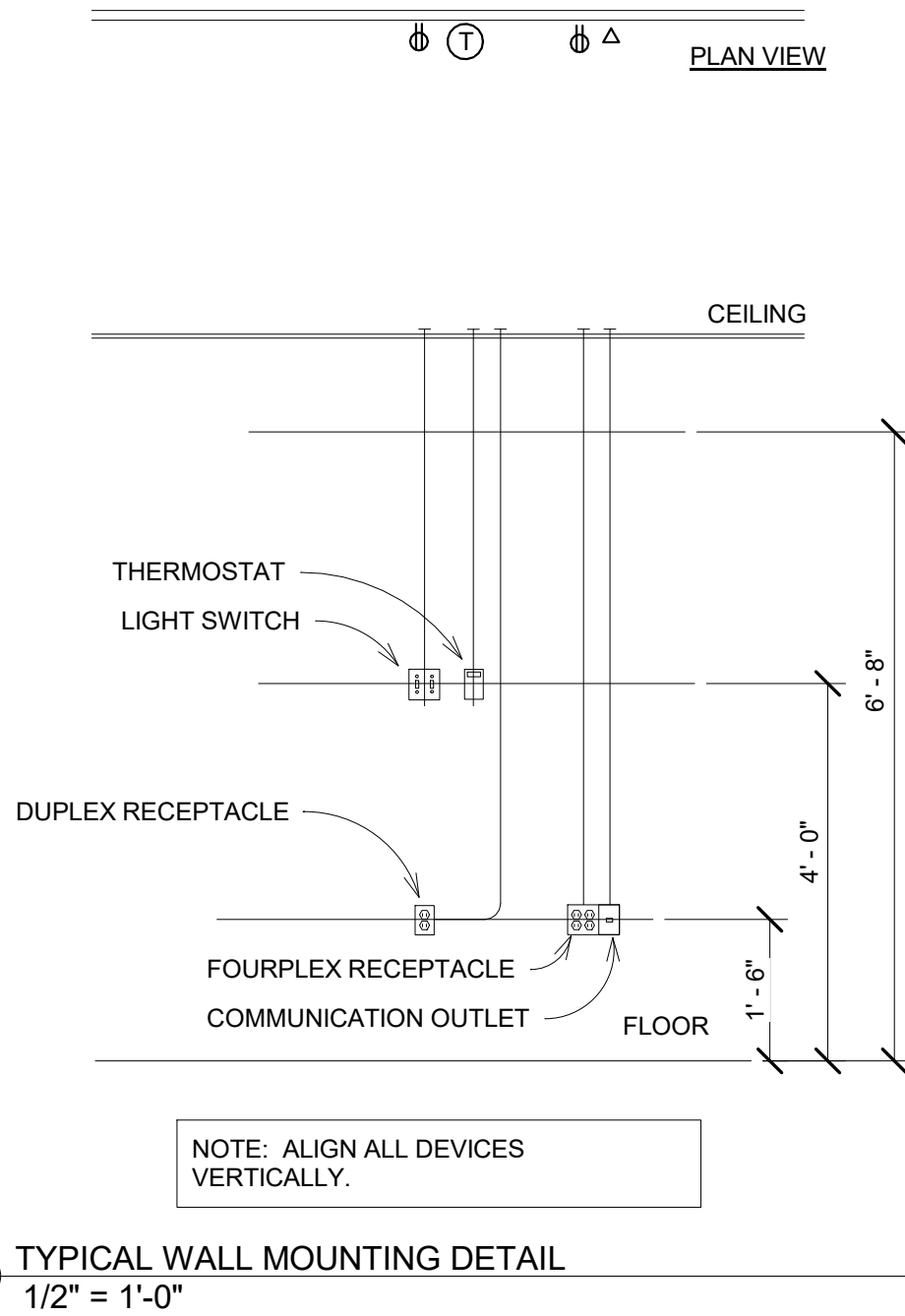
ELECTRICAL CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT, FOR WORK DESIGNATED AS HIS RESPONSIBILITY, ALL WIRE, WIRE WAY, CONDUIT, CONNECTORS, OUTLETS, ETC. NECESSARY TO ACHIEVE A COMPLETE ELECTRICAL INSTALLATION. WHERE AN ELECTRICAL DEVICE IS REQUIRED BY CODE BUT NOT SHOWN, IT SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR AS THOUGH FULLY SHOWN AND SPECIFIED. ALL LABOR, TOOLS, MATERIALS, EQUIPMENT SHALL BE PROVIDED AS NECESSARY TO PROVIDE AND INSTALL A COMPLETE SYSTEM. ALL WORK SHALL BE PER CURRENT CODE. COORDINATE ALL WORK WITH OTHER TRADES

ELECTRICAL CONTRACTOR SHALL CIRCUIT FIXTURES AND SHALL PROVIDE AND INSTALL CIRCUIT DIRECTORY WITH TYPED CIRCUIT DESIGNATION CARD UNDER PLASTIC COVER ON THE INSIDE OF EACH PANEL DOOR. ELECTRICAL CONTRACTOR SHALL ALSO FURNISH AND INSTALL NAMEPLATES ON ALL DISCONNECT SWITCHES AND PANEL BOARDS

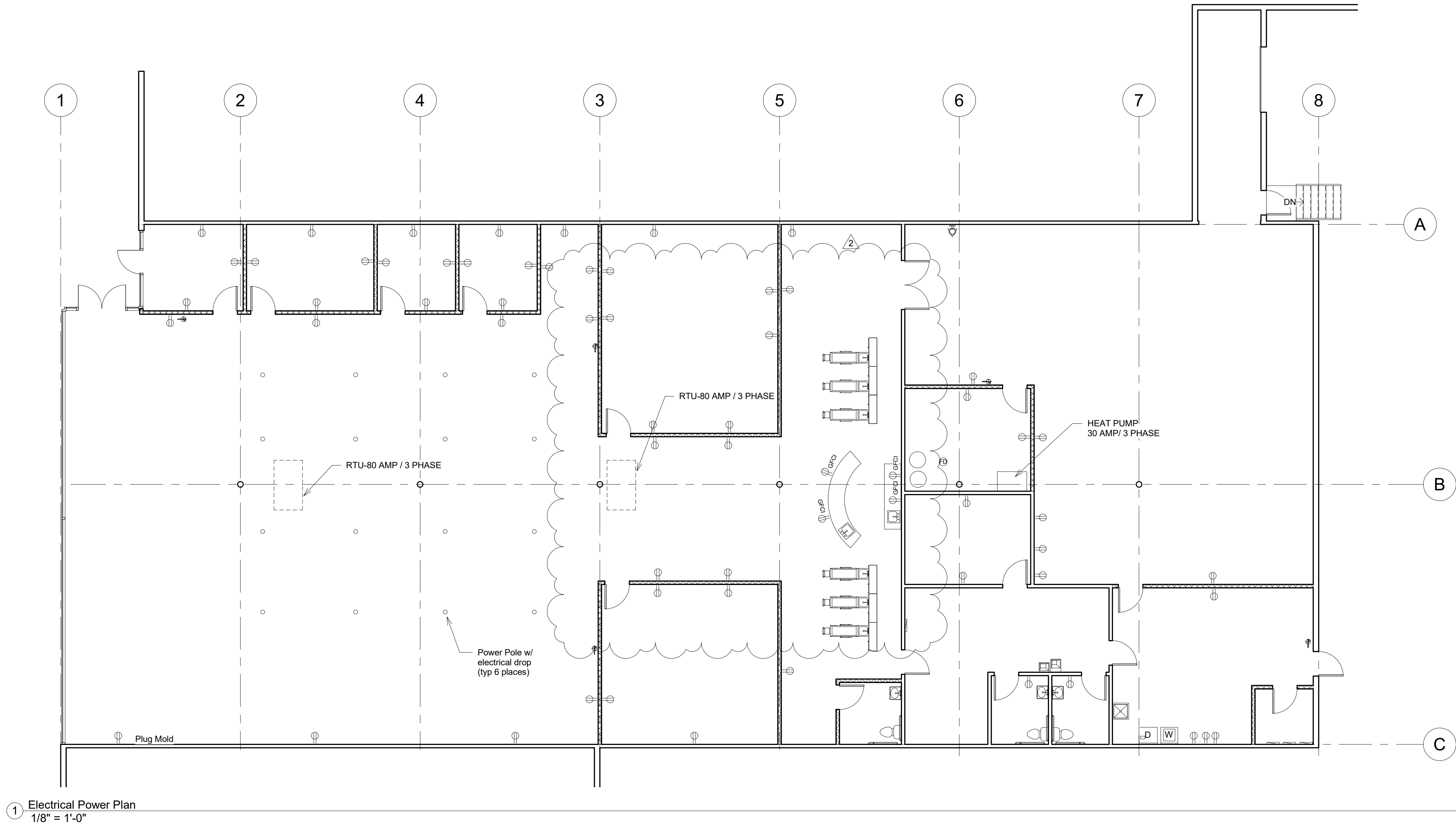
ALL CONDUIT, JUNCTION BOXES, ETC. ABOVE CEILINGS SHALL BE SUPPORTED FROM STRUCTURE

ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER WIRING, ALL CONTROL WIRING AND ALL STARTERS, DISCONNECTS AND THERMAL OVERLOAD SWITCHES NOT SUPPLIED WITH THE EQUIPMENT

FIELD VERIFY ALL OUTLET LOCATIONS



Electrical Fixture Schedule		
Type	Description	Count
Power Pole		16
Single GFCI	110 V. Duplex outlet - GFCI	4
Single Outlet	110 V. duplex outlet	60
Single Switch	Switch (42" aff)	10



1 Electrical Power Plan
1/8" = 1'-0"

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2	Owner Changes	07.13
No.	Description	Date
Revision Schedule		

Electrical Power

Project number	2280
Date	06.26.2020

E102

Scale As indicated

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Mechanical Equipment Schedule			
Mark	Type	Type Comments	Count
CU-1	Condensing Unit	Air cooled condensing unit rated at 3 ton cooling capacity. Locate on precast concrete pad on roof	1
EF-1	75 CFM Exhaust Fan	Broan ceiling mounted exhaust fan rated at 75 CFM. Provide 4" dia. duct through roof with weatherhood and birdscreen. switch with lights.	3
HP	Heat Pump	3-Ton Electric AHU 14 SEER Heat Pump.1200 CFM	1
RA	24" x 24" Return	As Located per plans	3
RTU-1	New RTU	10 Ton electric cooling and gas heat 4,000 CFM w/ roof curb, economizer, and thermostat	2
SA	24" x 24"Supply	As Located per plans	32
UH-1	Unit Heater	Relocated Gas Fired heater w/ thermostat & auto pilot. Hang as high as possible.	1

RTU-1 UNITS REPLACE EXISTING UNITS THAT ARE NON-FUNCTIONING. PROVIDE SMOKE DETECTOR W/ AUTO SHUTOFF IN RETURN AIR DUCTS OF EACH UNIT.

HVAC NOTES

MAIN DUCTWORK SHALL BE STEEL GALVANIZED SEALED AIR TIGHT.

SHEET METAL GUAGES SHALL BE PER SMACNA AND NO LESS THAN 24 GA. INSULATED DUCTS WITH 1/2" - 3# INSULATION. DO NOT LINE TOILET/SHOWER EXHAUST DUCTS.

GRILLES AND DIFFUSERS SHALL BE TITUS, TUTTLE & BAILEY OR EQUAL. SEE ARCHITECTURAL OR ELECTRICAL DRAWINGS FOR CEILING GRID. ALL SHALL BE 4-WAY.

FLEX BRANCH CONNECTIONS SHALL HAVE INSULATED FLEX DUCT, SPIN COLLARS WITH ADJUSTABLE DAMPER AND 90 DEGREE ELL AT DIFFUSER TO PREVENT KINKS. IN BOTH SUPPLY AND RETURN.

COORDINATE ALL WORK WITH OTHER TRADES. ALL WORK SHALL COMPLY WITH CURRENT BUILDING CODE LISTED IN THE CODE ANALYSIS. ENTIRE SYSTEM SHALL BE TESTED AND BALANCED AT COMPLETION OF WORK.

ALL FLUES FROM GAS FIRED EQUIPMENT SHALL BE TYPE B DOUBLE METAL WALL TYPE WITH GALVANIZED EXTERIOR SHELL AND ALUMINUM INTERIOR LINER AS MANUFACTURED BY METALBESTOS OR EQUAL. ALL FLUES SHALL BE KEPT AT LEAST 1" FROM COMBUSTIBLE MATERIALS.

FLEX DUCT SIZES (MAX. 8' RUN)

500 – 600 CFM	12" DIA. FLEX
400 CFM	10" DIA. FLEX
300 – 200 CFM	8" DIA. FLEX
100 – 150 CFM	6" DIA. FLEX

FRESH AIR REQUIREMENTS FOR HVAC

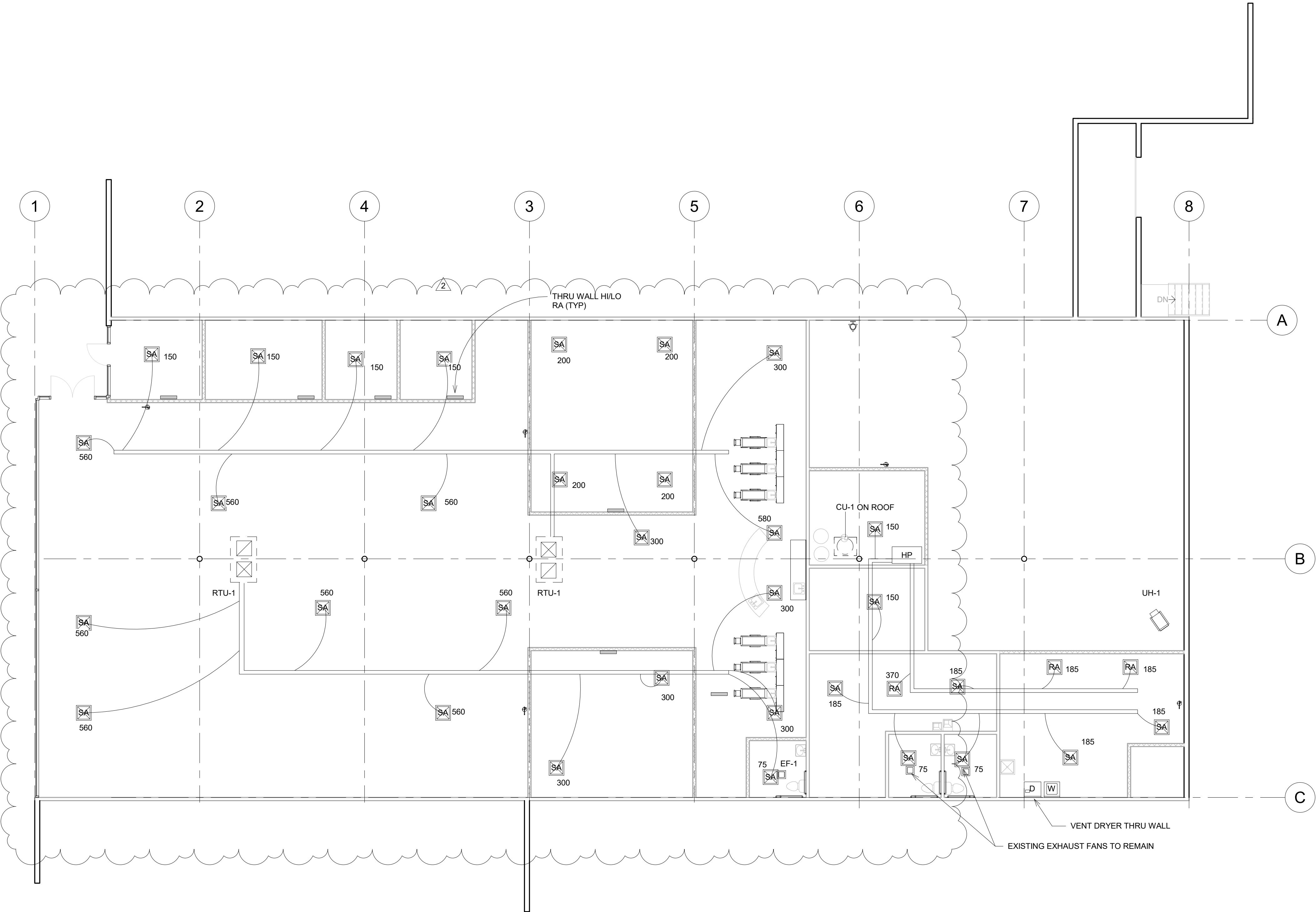
USE: OFFICE

AREA = 1,384 SQ.FT.

1,384 / 1,000 X 5 = 7 OCC.

7 X 5 = 35 CFM FRESH AIR REQUIRED

PROVIDE 6" DIA. DUCT THROUGH ROOF WITH WEATHERHOOD AND CONNECT INTO RETURN AIR DUCT, FOR 35 CFM FRESH AIR



1 Mechanical Plan
1/8" = 1'-0"

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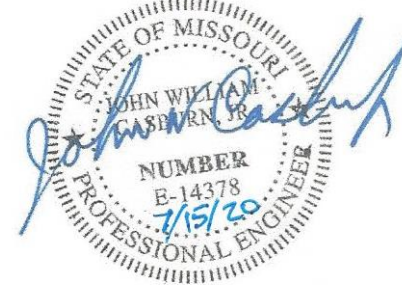
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Mechanical

Project number 2280
Date 06.26.2020

M101

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Plumbing Fixture Schedule		
Type Mark	Type	Description
FD	Floor Drain	Anco #FD-1000-ER. Extended rim drain w/ lacquered allcast iron body. serrated clamping flange w/ integral double drainage weep holes and adjustable satin nickel brone strainer w/ extended rim. provide "P" trap size as shown on plans.
HWH-1	Gas Water Heater	A.O Smith 50 gallon capacity, re. @100 degree rise, 50,000 btu input, provide valve and union on inlet and outlet - 4" dia. flue. Provide exp. tank and tempering valve.
L-1	Lavatory (handicapped)	Lavatory: Handicap accessible wall mount lavatory with carrier, Toto model LT155#01,vitreous china, white, self-rimming counter top. Toto TL362SD12 ADA compliant faucet, SS flex suply risers with chrome plated stop valves, P-trap with cleanout and escutcheons. Insulated with "Handi-Lav-Gluard" model 102, or equal.
S-1	Shampoo bowl	By Tenant
S-2	Sink	American Standard #7013.014 single compartment 24" x 21" x 8" bowl. a/ #6270-172 H 2 handle faucet w/ high swing spout - 4331013 strainer, cast brass "P" trap w/ cleanout, chrome angle stop valves and supply risers.
WC-1	Handicapped Toilet	Water Closet, (handicapped) American Standard #208.408 "Elongated Cadet Water Saver". Siphon jet flush action, 18" rim height. Provide w/ open front seat less cover, 2"bolt caps, chrome angle valve and supply riser.

PLUMBING NOTES:

PIPING DRAWINGS ARE SCHEMATIC ONLY. PLUMBING CONTRACTOR TO DETERMINE EXACT ROUTING AND LOCATIONS OF ALL PIPING ON JOB SITE IN COMPLETE COORDINATION WITH ALL OTHER TRADES INVOLVED. HE SHALL ALSO VERIFY EXACT FLOOR PLAN LAYOUT, FIXTURE LOCATIONS, STRUCTURAL CONDITIONS AND ALL DIMENSIONS ON ARCHITECTURAL DRAWINGS.

PROVIDE ALL FIXTURES SHOWN ON THE DRAWINGS, COMPLETE WITH HOT AND COLD WATER, WASTE AND VENT CONNECTIONS AS REQUIRED. EACH FIXTURE SHALL HAVE SHUTOFF VALVES FOR HOT AND COLD WATER. HOT AND COLD WATER LINES TO HAVE WATER HAMMER ARRESTOR CONFORMING TO ASSE 1010. PIPING SHALL BE INSTALLED PROPERLY TO ELIMINATE CROSS CONTAMINATION OR SIPHONING OF WASTE MATERIAL INTO THE SUPPLY WATER SYSTEM. PIPING SHALL BE PITCHED TO VENT AND/OR DRAIN. VERIFY EXACT LOCATIONS AND REQUIREMENTS BEFORE BEGINNING THE INSTALLATION.

ALL VENTS SHALL BE INCREASED TO A MIN. OF 3" BEFORE PASSING THROUGH THE ROOF.

THOROUGHLY CLEAN ALL ITEMS BEFORE INSTALLATION. CAP PIPE OPENINGS TO EXCLUDE DIRT UNTIL FIXTURES ARE INSTALLED AND FINAL CONNECTIONS HAVE BEEN MADE. SET FIXTURES LEVEL AND IN PROPER ALIGNMENT. INSTALL SILICONE SEALANT BETWEEN FIXTURES AND ADJACENT MATERIAL FOR SANITARY JOINT.

TEST WATER SYSTEM UNDER 150 PSIG HYDROSTATIC PRESSURE FOR FOUR HOURS MINIMUM. ALL WORK SHALL BE IN ACCORDANCE WITH CURRENT CODE.

PIPING MATERIALS:

DOMESTIC WATER BELOW GRADE: TYPE 'K' SOFT TEMPER COPPER WITH FLARE FITTING CONNECTIONS, EXCEPT NO FITTINGS TO BE USED BELOW FLOOR SLAB. USE LONG RADIUS BENDS ONLY.

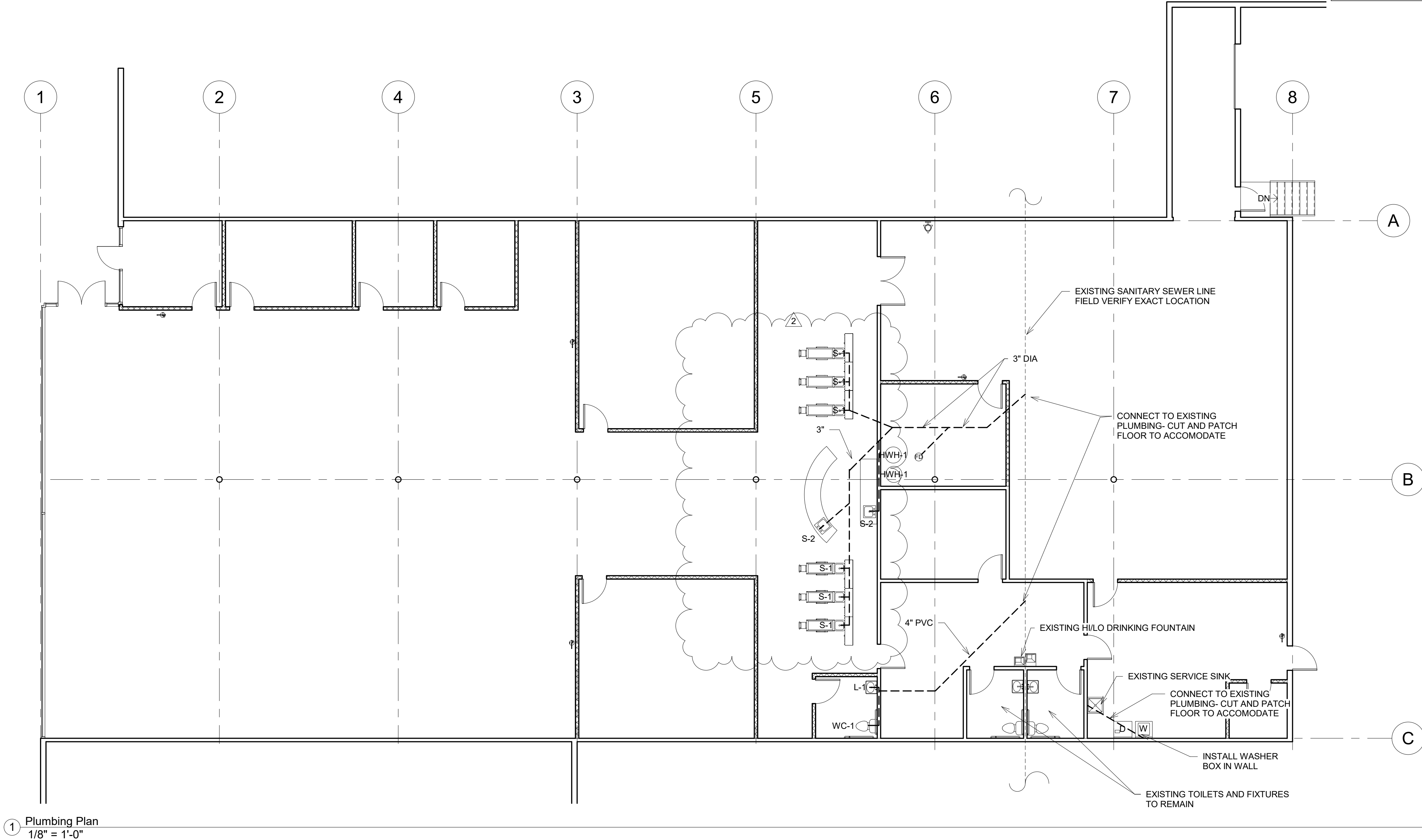
DOMESTIC WATER BELOW SLAB: TYPE 'K' SOFT TEMPER COPPER WITH FLARE FITTING CONNECTIONS, EXCEPT NO FITTINGS TO BE USED BELOW FLOOR SLAB. USE LONG RADIUS BENDS ONLY.

DOMESTIC WATER ABOVE SLAB: TYPE 'L' HARD TEMPER COPPER WITH SWEAT SOLDER CONNECTIONS. USE NO-LEAD TYPE SOLDER. PEX MAY BE USED IF ALLOWED BY JURISTICITION.

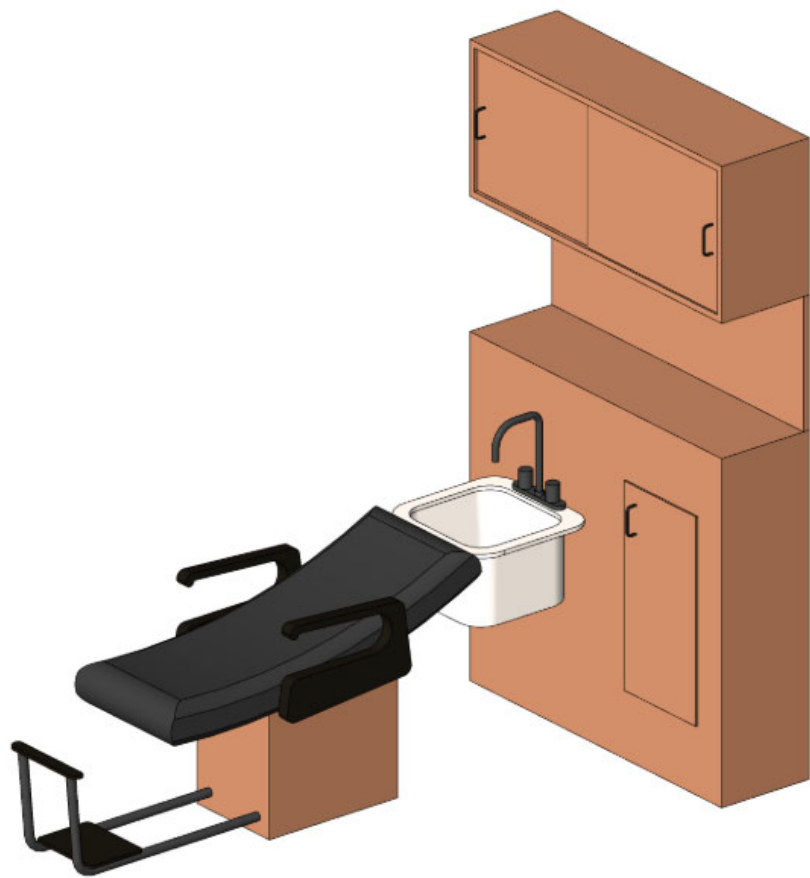
ALL WATER LINES ABOVE SLAB SHALL BE INSULATED WITH EXPANDED CELL OR MOLDED SECTIONAL FIBEROUS GLASS WITH FACTORY APPLIED UL LISTED VAPOR BARRIER JACKET. FLAME SPREAD FOR INSULATION SHALL BE 25 OR LESS.

SANITARY WASTE AND VENT: CAST IRON NO-HUB CONNECTIONS ABOVE SLAB. CAST IRON WITH SLIP CONNECTIONS BELOW SLAB. SCHEDULE 40 PVC PIPING MAY BE USED IN ALL LOCATIONS WHERE PERMITTED BY LOCAL AUTHORITIES, HOWEVER PVC MAY NOT BE USED IN ABOVE CEILING PLENUM RETURN AREAS.

GAS PIPING TO BE TYPE 'S' SEAMLESS GRADE B SCHEDULE 40 BLACK OR ASTM A53 STEEL PIPE, TYPE 'E' ELECTRIC RESISTANT WELDED. WHERE INSTALLED BELOW GRADE, PIPE MUST BE COATED AND WRAPPED AND HAVE CATHODIC PROTECTION. ALL CAST IRON PIPE THAT IS OVER 3" DIAMETER AND NOT EXPOSED, MUST BE WELDED PIPE



FIXTURE PIPING SCHEDULE				
FIXTURE	WASTE	VENT	CW	HW
WC	4	2	1/2	0
Lavatory	2	1 1/2	1/2	1/2
Sink	2	1 1/2	1/2	1/2
Urinal	2	1 1/2	3/4	0
EWC	1 1/2	1 1/2	1/2	0
Shower	2	1 1/2	3/4	3/4
FD	2	1 1/2	0	0
Hose Bib	0	0	3/4	0



HAIR WASH STATION - BY TENANT

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TENANT FINISH FOR
Z HAIR ACADEMY
232 OLDHAM PARKWAY, LEES SUMMIT, MO

J. Jeffrey Schroeder Mo. License A-4226
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2	Owner Changes	07.13
1	City Comments	07.08
No.	Description	Date
Revision Schedule		

Plumbing

Project number	2280
Date	06.26.2020

P101

Scale	1/8" = 1'-0"
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