



ARCHITECT	STUDIO NORTH ARCHITECTURE • 3315 NORTH OAK TRAFFICWAY • KANSAS CITY, MO 64116 • 816.888.7380
PLUMBING	DESIGN-BUILD BY GEN CONTRACTOR
MECHANICAL	DESIGN-BUILD BY GEN CONTRACTOR
ELECTRICAL	DESIGN-BUILD BY GEN CONTRACTOR
FIRE PROTECTION	DESIGN-BUILD BY GEN CONTRACTOR
CONTRACTOR	FORGE CONSTRUCTION • 1307 UNION AVENUE • KANSAS CITY, MO 64101 • 816.608.1800

Tenant Improvements For:

H&R Block Depot

Located At:

Lee's Summit Logistics

1220 NW Main St Unit B • Lee's Summit, MO 64086



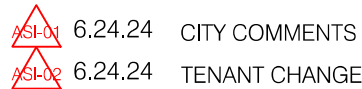
ARCHITECTURAL	LEGENDS AND GENERAL NOTES
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MECHANICAL	DESIGN-BUILD BY GEN CONTRACTOR TO BE SUBMITTED UNDER SEPARATE COVER
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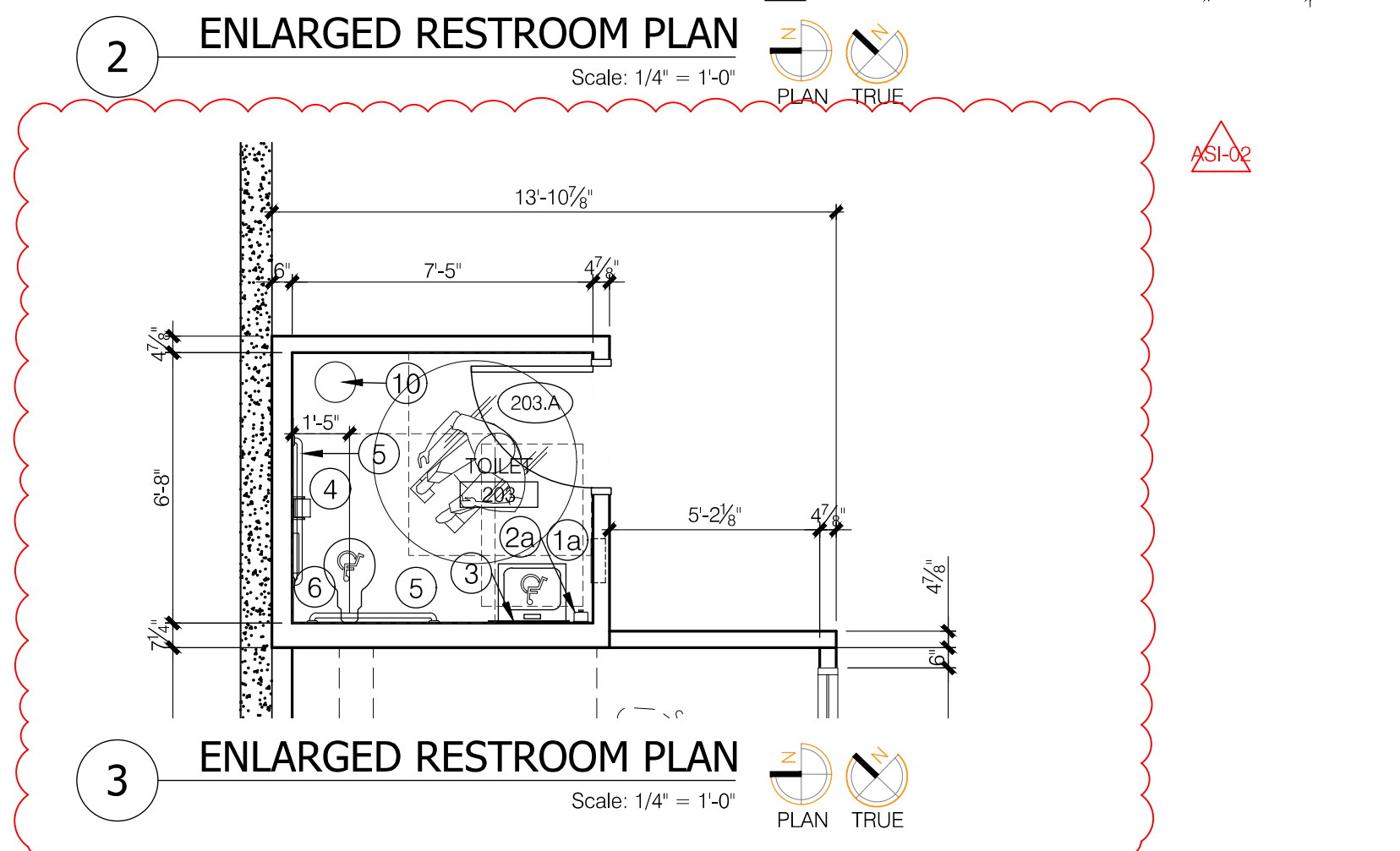
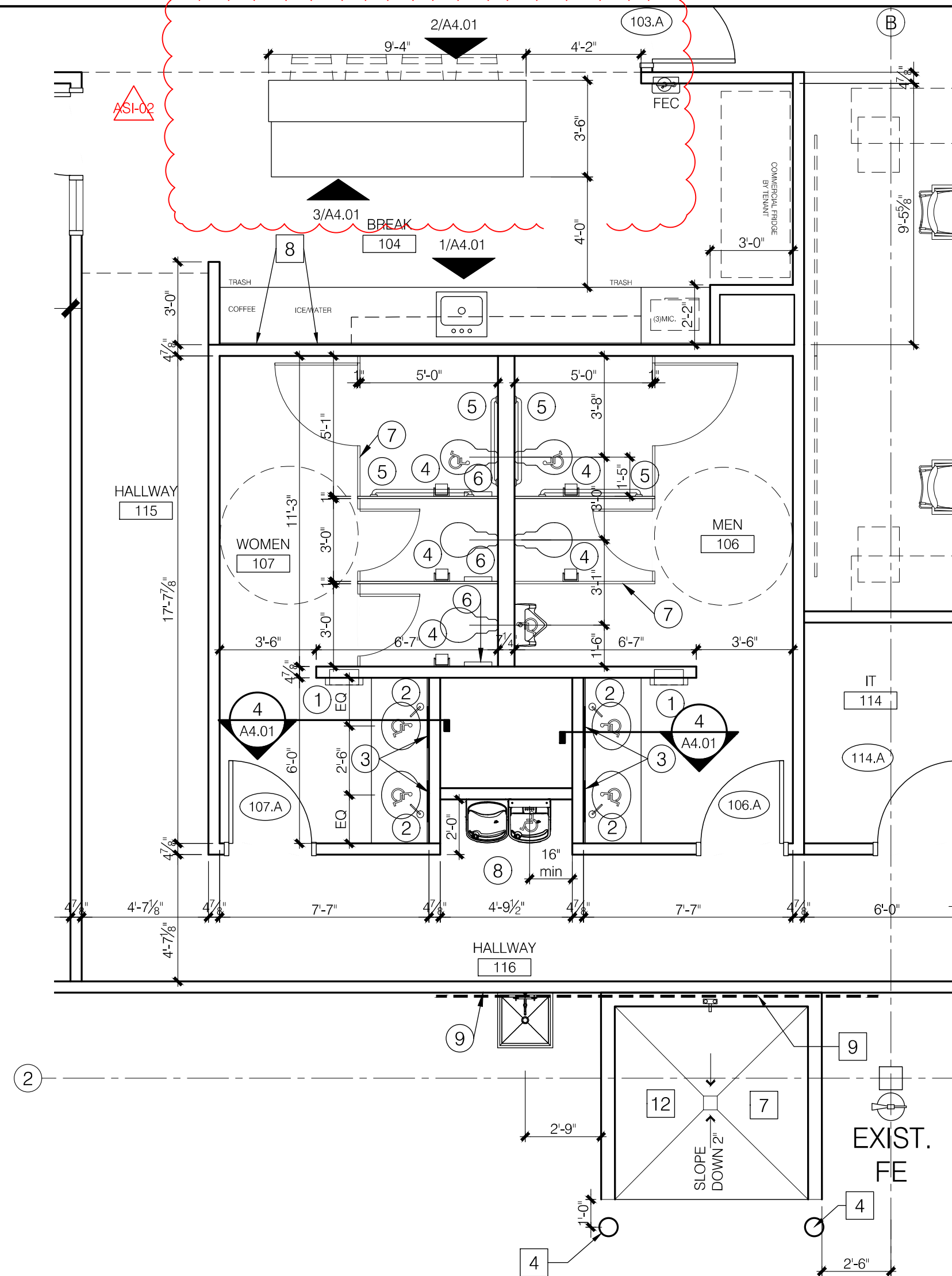
PLUMBING	DESIGN-BUILD BY GEN CONTRACTOR TO BE SUBMITTED UNDER SEPARATE COVER
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ELECTRICAL	DESIGN-BUILD BY GEN CONTRACTOR TO BE SUBMITTED UNDER SEPARATE COVER
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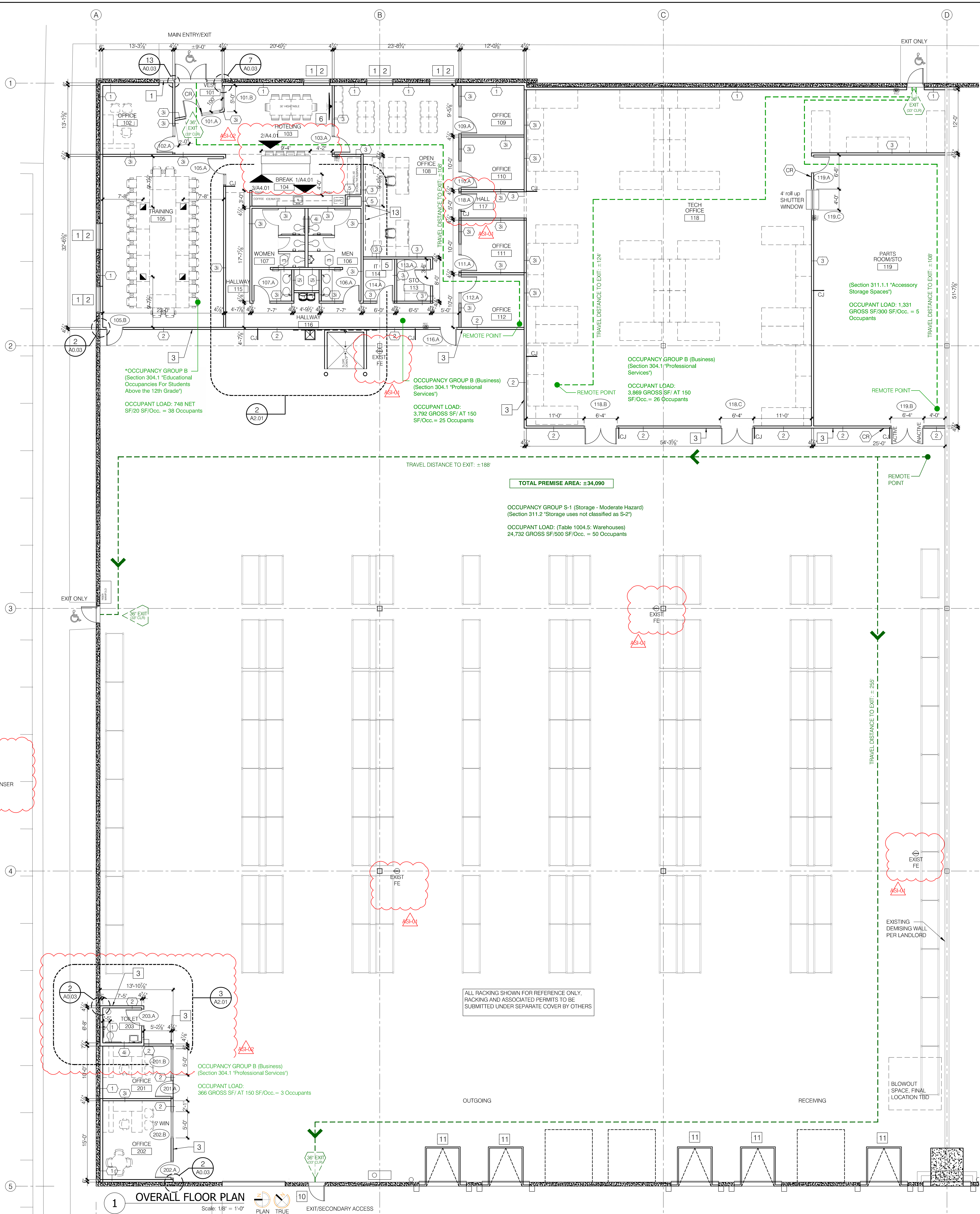
PROJECT NO: 2024-032 • DATE: 4.26.24 • ISSUED FOR: PERMIT SUBMITTAL



N:\01 PROJECTS\H&R BLOCK DEPOT\CAD - BASE.DWG 6/24/2024 8:41:22 AM J.Crubaugh



- TOILET ACCESSORY LEGEND**
- ALL ACCESSORIES SHALL BE STAINLESS STEEL UNLESS NOTED OTHERWISE.
ALL ACCESSORIES SHALL BE DESIGNED TO MEET ADA STANDARDS.
- 1 COMBINATION PAPER TOWEL DISPENSER/TRASH RECEPTACLE - SEMI-RECESSED (C-FOLD: BOBRICK B-3944)
 - 2 LIQUID SOAP DISPENSER - COUNTER TOP (AUTOMATIC: BOBRICK B-626 WITH B-826.18 STARTER KIT)
 - 3 CHANNEL FRAMED MIRROR (BOBRICK B-165 2436)
 - 4 TOILET TISSUE DISPENSER (ROLL-IN-RESERVE: BOBRICK B-2888)
 - 5 GRAB BARS AS SHOWN ON PLAN AND ELEVATIONS (BOBRICK B-6806 SERIES, 42" SIDE, 36" BACK, 18" VERTICAL)
 - 6 SANITARY NAPKIN DISPOSAL (SURFACE: BOBRICK B-270)
 - 7 FLOOR MOUNTED OVERHEAD BRACED STEEL PARTITIONS W/ BAKED ENAMEL FINISH (COLOR CHARCOAL)
 - 8 BI-LEVEL ELECTRIC WATER COOLER (ELKAY-EZSTL8C)
 - 9 UTILITY SHELF WITH MOP/BROOM HOLDERS AND RAG HOOKS (BOBRICK B-224, 36"L x 6"H x 8"D)
 - 10 FLOOR-STANDING WASTE RECEPTACLE - 13 GAL. W/ OPEN TOP (BY TENANT)
- TOILET ACCESSORY MOUNTING LOCATIONS | HEIGHTS**
- HIGHEST OPERABLE PART
- PTD/WASTE RECEPT. LAV / MIRROR / SOAP WATER COOLER
- FLUSH VALVE (NA AUTO-LIMITS) STALL DOOR GRAB BARS STALL WALL
- ACCESSIBLE URINAL ACCESSIBLE TOILET STALL



- CONSTRUCTION NOTES:**
- CARD READER AT DOOR VERIFY FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION. NOTE: SHELL DOORS ARE NOT SCHEDULED COORDINATE ALL SECURITY REQUIREMENTS WITH EXISTING CONDITIONS
 - PROVIDE RECESSED FLOOR BOX AS SHOWN ON PLAN W/ NECESSARY CONDUIT FOR POWER ROUTED TO PANEL BOARD AND NECESSARY CONDUIT(S) FOR DATA/VOICE ROUTED TO LAN ROOM. (VERIFY FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION)
 - FURNISH AND INSTALL MANUAL FABRIC ROLLER SHADES, 3% OPENNESS, MATCHING ALUMINUM FASCIA COVERS, SHADE TO GO FROM HEAD TO FINISH FLOOR OR SILL WHERE EXISTS, FABRIC TBD.
 - FURNISH AND INSTALL GYPSUM BOARD WINDOW HEAD, JAMB & SILLS PER DETAILS 8/A0.03, 7/A0.03, 6/A0.03
 - FURNISH & INSTALL RUBBER BASE AND PAINT ON WAREHOUSE SIDE OF GYP. BD. WALL
 - FURNISH AND INSTALL PIPE BOLLARD PER DETAIL 3/A8.01
 - INSTALL 3/4" A-C GRADE FIRE RESISTIVE PLYWOOD BACK BOARD OVER GYP. BD. WALL FROM 36" A.F.F. TO 84" A.F.F. FOR THE FULL WIDTH OF WALL ON ALL WALLS. GRADE SHALL FACE OUT & PLYWOOD TO BE PAINTED TO MATCH ADJACENT WALL WITH FIRE LABEL MARKED AND LEFT UNPAINTED. INSTALL COPPER GROUND WIRE AS REQUIRED
 - PROVIDE POWER SUPPLY & WOOD BACKING FOR OWNER FURNISHED AND INSTALLED FLAT SCREEN T.V. (S) PER ELECT. DWGS.
 - PROVIDE RECESSED WATER SUPPLY BOX BEHIND TENANT FURNISHED COFFEE, ICE & WATER DISPENSERS
 - PROVIDE (2) 4X8 SHEETS OF FRP-1 WITH TRIM BEHIND FLOOR SINK AND SCRUBBER DUMP
 - CARD READER TO BE ADDED TO EXISTING DOOR PER TENANTS SECURITY REQUIREMENTS
 - CONTRACTOR TO PROVIDE LIFTS ON ALL EXISTING DOCK DOOR POSITIONS
 - CMU CURB SCRUBBER DUMP, REF PLAN AND SECTION
 - PROVIDE BLOCKING IN WALL FOR TENANT PROVIDED GLASS MARKER BOARDS
- CODE GENERAL NOTES**
- PROVIDE FIRE DEPARTMENT SIGNAGE AT ALL OVERHEAD, DRIVE-IN AND PEDESTRIAN DOORS AS REQUIRED BY THE LOCAL JURISDICTION. NUMBER SEQUENCING, SIZE, COLOR AND LOCATION SHALL BE COORDINATED WITH THE PROPERTY MANAGER AND LOCAL JURISDICTION TO ENSURE COMPLIANCE WITH THE PARK STANDARDS, APPROVED ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION PLACED IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY PER 2018 IFC 506.1
 - REFERENCE ELECTRICAL DRAWINGS FOR EXIT SIGNAGE, EMERGENCY AND EGRESS LIGHTING
 - QUANTITY AND LOCATIONS OF FIRE EXTINGUISHERS SHOWN SHALL BE COORDINATED WITH THE LOCAL FIRE MARSHAL
- CODE PLAN SYMBOLS LEGEND**
- FE WALL AND/OR COLUMN MOUNTED FIRE EXTINGUISHER (UL RATING 4A-80B C) W/ MOUNTING BRACKET, ORDINARY HAZARD RATED FOR 1,500 SF PER UNIT OF A 6,000 SF PER EXTINGUISHER, REFERENCE FLOOR PLANS FOR LOCATIONS, MOUNT SO CENTERLINE OF EXTINGUISHER IS 47" A.F.F. (CONFIRM WITH FIRE MARSHAL)
- FEC SEMI-RECESSED FIRE EXTINGUISHER BY LARSEN'S MANUFACTURING COMPANY, WWW.LARSENSMFG.COM, ARCHITECTURAL SERIES A2409-4R, W/MP10 FIRE EXTINGUISHER, CLEAR ALUMINUM SOLID DOOR, AND "FIRE" HANDLE W/ STANDARD FINISH, MOUNT SO CENTERLINE OF CABINET HANDLE IS 47" A.F.F.
- EXIT EXIT LOCATION, WIDTH, AND CLEAR WIDTH.
- ACCESSIBLE EXIT
- EXIT ACCESS PATH OF TRAVEL

RELEASED FOR CONSTRUCTION
As Noted on Plans Review

studioNorth ARCHITECTURE
3315 N Oak Trafficway | Kansas City, MO 64116
816 | 886 | 7380
NP Studio North, LLC
Missouri Certificate of Authorization No. A-2017040540

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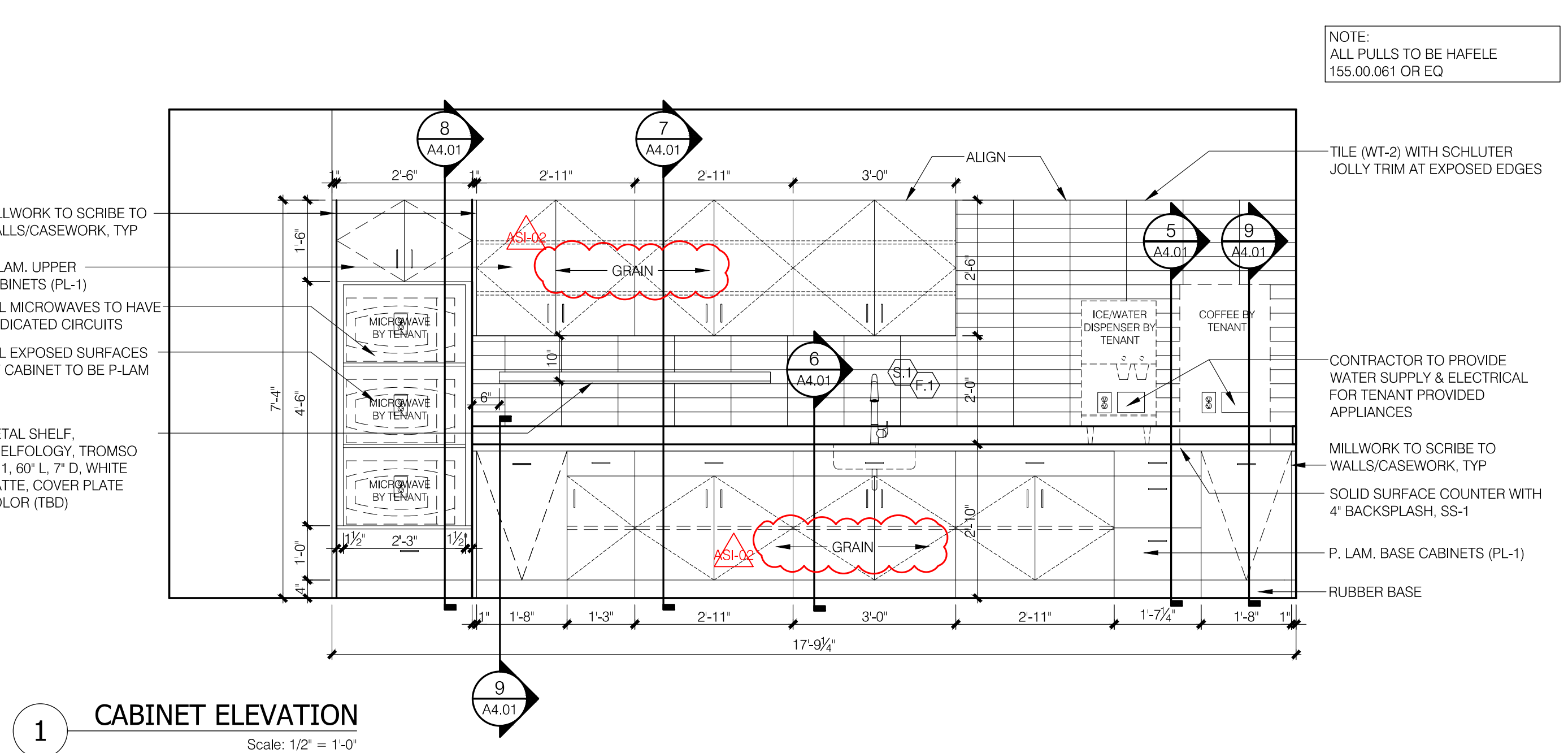
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Matthew M. Unger - Architect
Missouri License No. A-2021037400

A2.01
FLOOR PLANS

A4.01



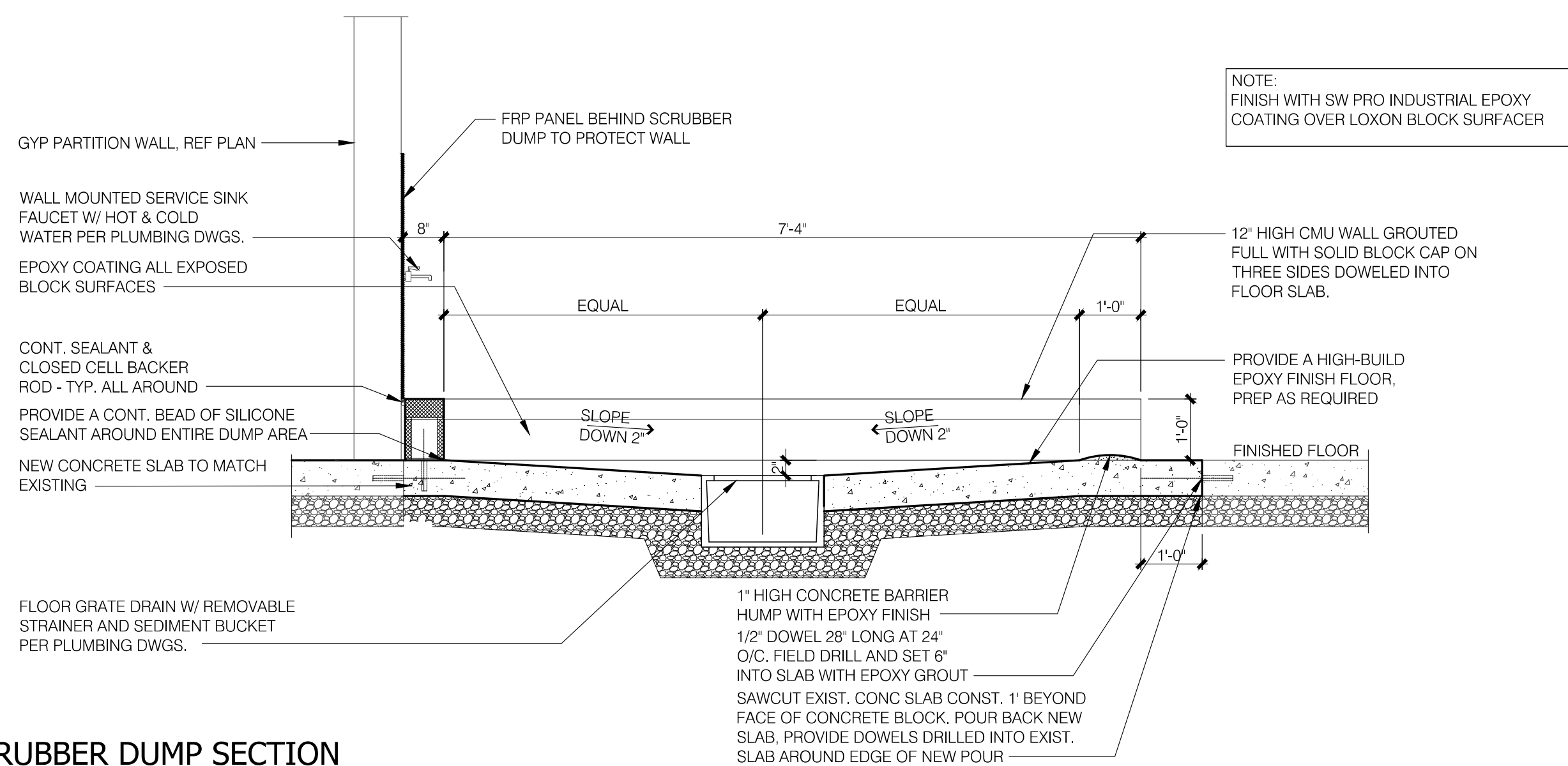
FAUCET SCHEDULE

F.1 KRAUS OLETTO PULL DOWN FAUCET IN SPOT FREE STAINLESS FINISH, KPF-2620
1.75 GPM FLOW RATE

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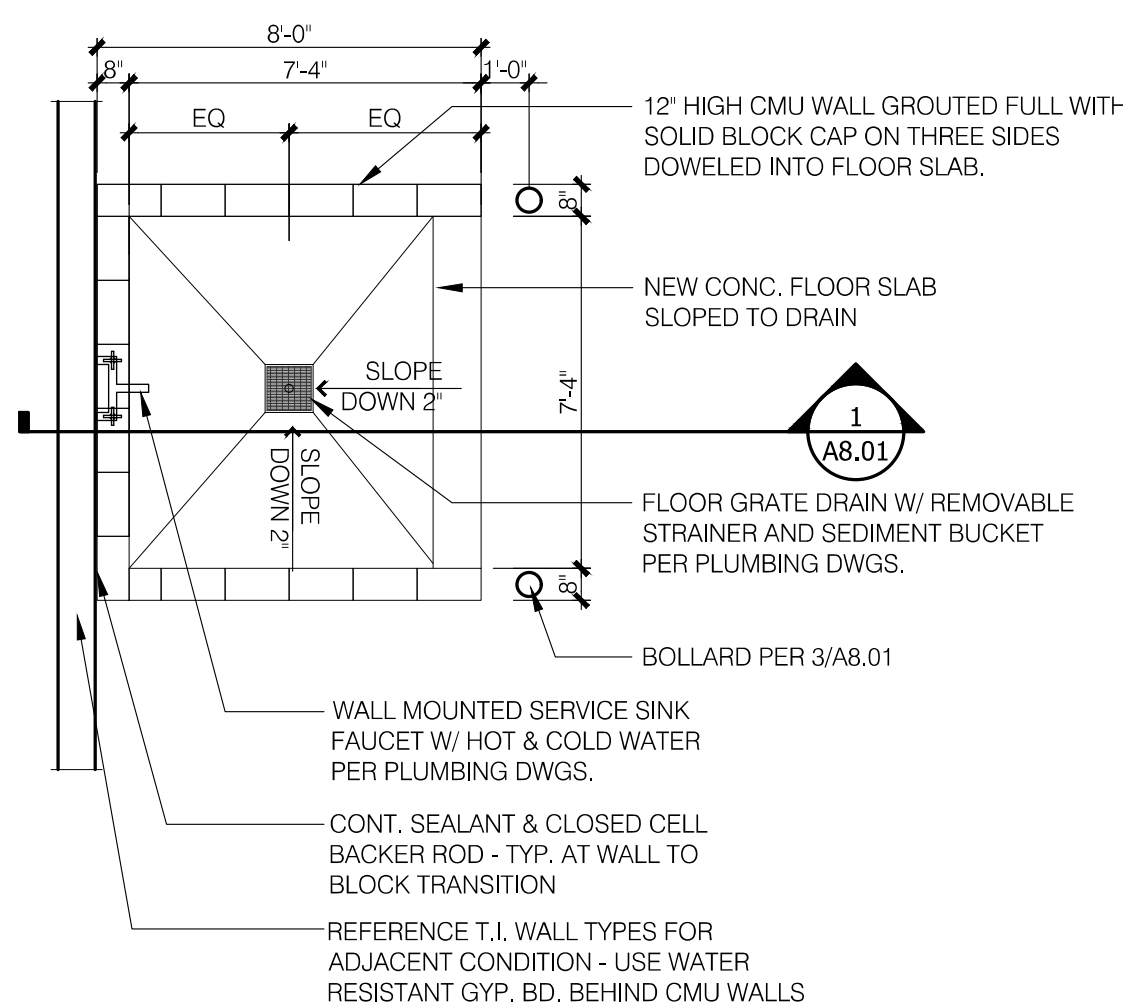
SCRUBBER DUMP SECTION

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



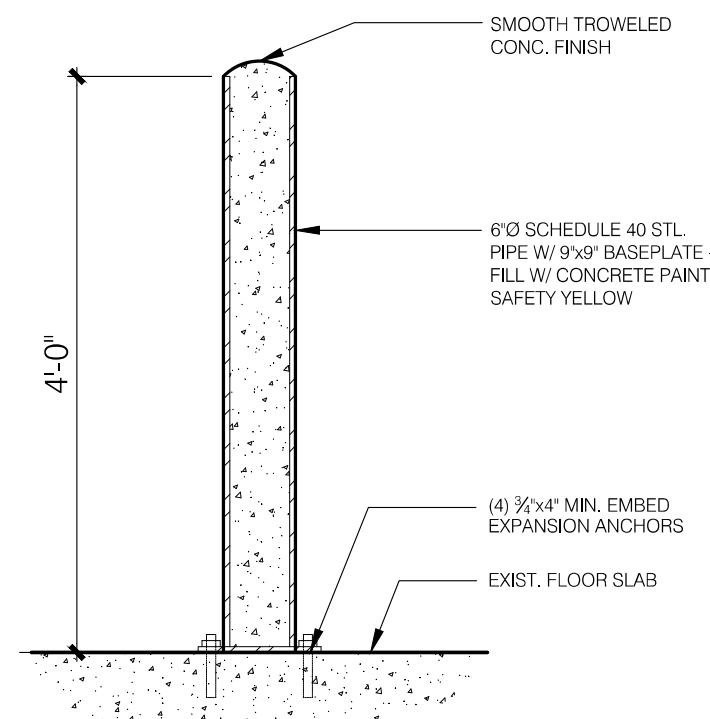
SCRUBBER DUMP PLAN

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



BOLLARD DETAIL

Scale: 3/4" = 1'-0"



HARDWARE SETS

(AL) ALUMINUM DOORS

SET # AL.1 (INTERIOR SINGLE ALUMINUM)
-HINGES (HEAVY DUTY - BY DOOR MFR.)
-CLOSER (HEAVY DUTY - BY DOOR MFR.)
-DEAD LATCH ('ADAMS-RITE' 4510 DEAD LATCH W/ 4560 LEVER TRIM)
-CARD READER, PROXIMITY DETECTOR, KEYPAD
-ELECTRIC STRIKE (FAIL SECURE FROM INGRESS, ALWAYS FREE TO EGRESS)
-PUSH-TO-EXIT DEVICE
-BATTERY BACKUP FOR ELECTRIC STRIKE, CARD READER AND PUSH-TO-EXIT

(LA) LATCHSETS

SET # LA.1 (INTERIOR SINGLE IN LATCH)
-HINGES ('HAGER' BB1279 4 1/2 x 4 1/2)
-LATCHSET ('SCHLAGE' ND-SERIES GRADE 1)
-WALL STOP ('HAGER' 236 W)
-SILENCERS ('HAGER' 307D)

SET # LA.2 (INTERIOR SINGLE IN LATCH & CLOSER)
-HINGES ('HAGER' BB1279 4 1/2 x 4 1/2)
-LATCHSET ('SCHLAGE' ND-SERIES GRADE 1)
-CLOSER ('LON' 4000 SERIES)
-WALL STOP ('HAGER' 236 W)
-SILENCERS ('HAGER' 307D)

(PP) PUSH/PULLS

SET # PP.1 (INTERIOR SINGLE PUSH/PULL - TIGHT ROOM)
-HINGES ('HAGER' BB1279 4 1/2 x 4 1/2)
-PUSH/PULL ('HAGER' 30S/33E 4x16)
-CLOSER ('LON' 4000 SERIES)
-KICKPLATE ('HAGER' 190S 8x34")
-WALL STOP ('HAGER' 236 W)
-SILENCERS ('HAGER' 307D)

(LK) INTERIOR LOCKSETS

SET # LK.1 (INTERIOR DOUBLE IN LOCK)
-HINGES ('HAGER' BB1279 4 1/2 x 4 1/2)
-LOCKSET ('SCHLAGE' ND-SERIES GRADE 1)
-WALL STOP ('HAGER' 236 W)
-SILENCERS ('HAGER' 307D)

SET # LK.2 (INTERIOR DOUBLE IN LOCK & CLOSER)
-HINGES ('HAGER' BB1279 4 1/2 x 4 1/2)
-LOCKSET ('SCHLAGE' ND-SERIES GRADE 1)
-CLOSER ('LON' 4000 SERIES)
-WALL STOP ('HAGER' 236 W)
-SILENCERS ('HAGER' 307D)

SET # LK.3 (INTERIOR DOUBLE IN ELECTRIC STRIKE)
-HINGES ('HAGER' BB1279 4 1/2 x 4 1/2)
-LOCKSET ('SCHLAGE' ND-SERIES GRADE 1)
-CLOSER ('LON' 4000 SERIES)
-WALL STOP ('HAGER' 236 W)
-SILENCERS ('HAGER' 307D)

(BY OWNERS SECURITY VENDOR, CONTRACTOR TO PROVIDE CONDUIT AND PULL STRING TO FINAL LOCATION)
-ELECTRIC STRIKE (FAIL SECURE FROM INGRESS SIDE ALWAYS FREE TO EGRESS, PROVIDED BY SECURITY VENDOR)

-BATTERY BACKUP FOR CARD READER AND ELECTRIC STRIKE

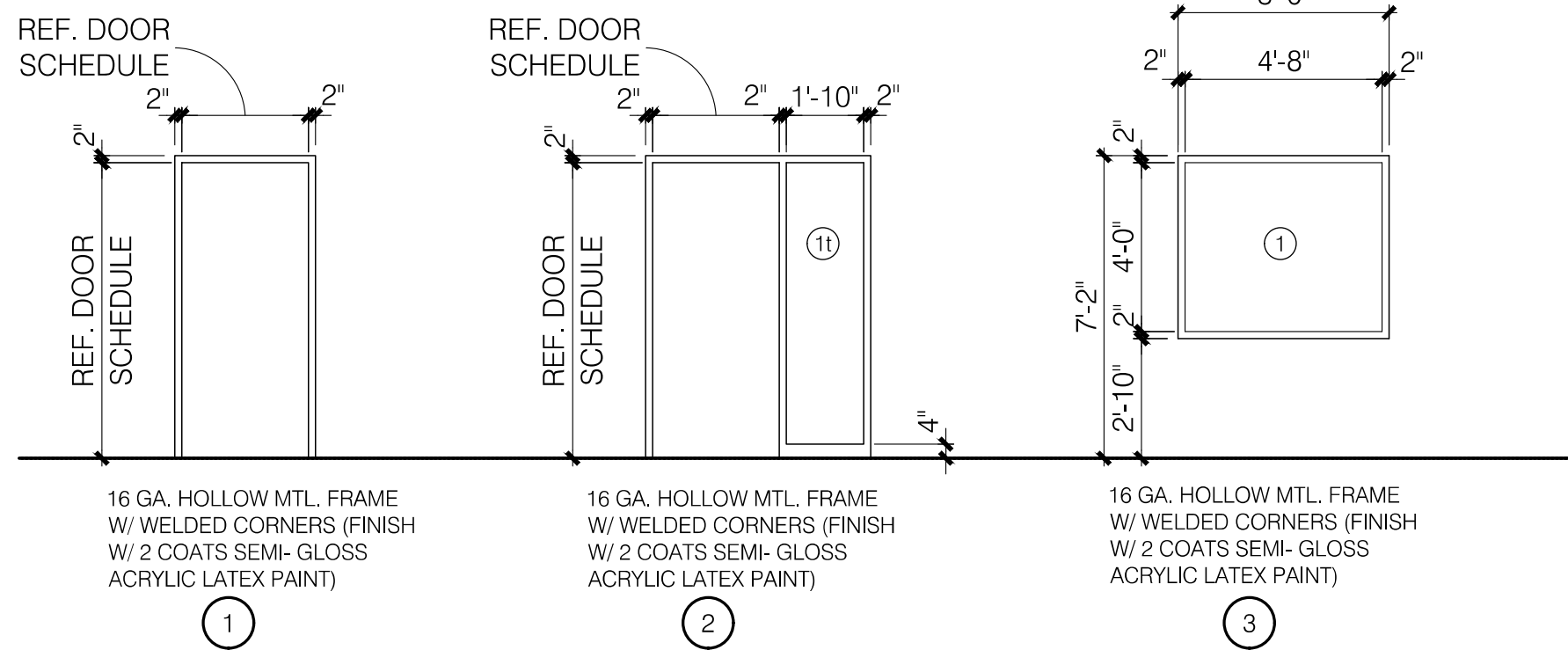
SET # LK.4 (INTERIOR DOUBLE IN LOCK, CLOSER & MANUAL FLUSH BOLTS)

INACTIVE DOOR:
(1)-ELECTRIFIED HINGE ('HAGER' BB1279 4 1/2 x 4 1/2)
(2)-STANDARD HINGES ('HAGER' 282D -12")
-MANUAL FLUSH BOLTS ('HAGER' 282D -12")
-ELECTRIC STRIKE (FAIL SECURE FROM INGRESS SIDE ALWAYS FREE TO EGRESS, PROVIDED BY SECURITY VENDORS SPECIFICATION)
-SILENCERS ('HAGER' 307D)

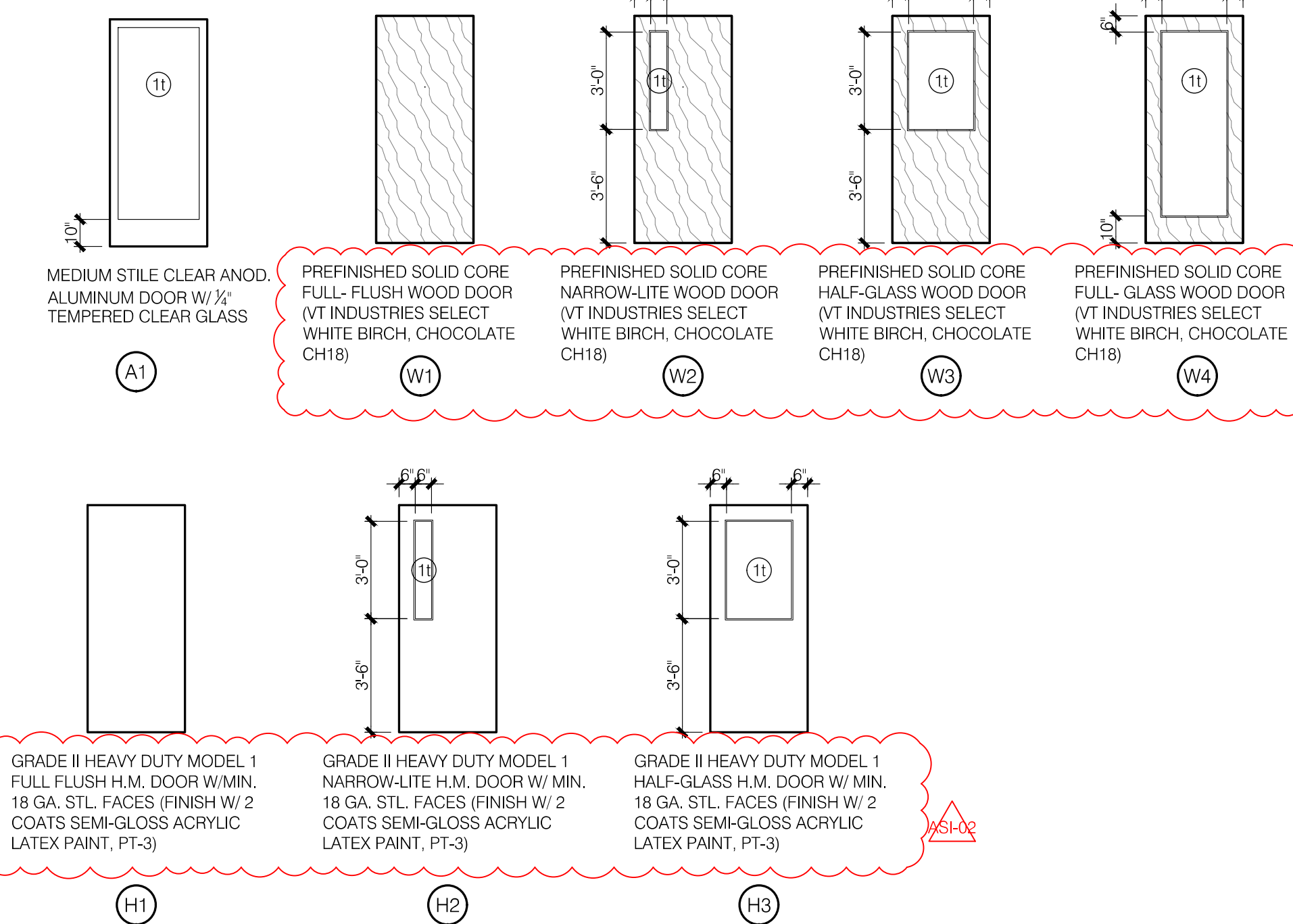
ACTIVE DOOR:

-HINGES ('HAGER' BB1279 4 1/2 x 4 1/2)
-LOCKSET ('SCHLAGE' ND-SERIES GRADE 1)
-CLOSER ('LON' 4040XP SERIES, WITH HOLD OPEN FUNCTION)
-KICKPLATE ('HAGER' 190S 8x34")
-WALL STOP ('HAGER' 236 W)
-SILENCERS ('HAGER' 307D)
-CARD READER (BY OWNERS SECURITY VENDOR, CONTRACTOR TO PROVIDE CONDUIT AND PULL STRING TO FINAL LOCATION)

FRAME TYPES



DOOR TYPES



DOOR AND WINDOW FRAME SCHEDULE

ROOM NAME	DOOR / WINDOW				FRAME		DETAILS			HARDWARE	RATING	REMARKS
	NO.	SIZE (WHx1 3/2 U.N.O.)	TYPE	MAT.	TYPE	MAT.	JAMB	HEAD	SILL			
VEST	101.A	3'-0"x7'-0"	W4	WD	4	AL	6/A8.02	7/A8.02	*	LK.3	*	CR
VEST	101.B	WINDOW	-	-	4	AL	8/A8.02	7/A8.02 SIM	*	*	*	*
OFFICE	102.A	3'-0"x7'-0"	W1	WD	2	HM	18.3/A8.02	28.4/A8.02	*	LK.1	*	*
HOTELING	103.A	3'-0"x7'-0"	W4	WD	2	HM	18.3/A8.02	28.4/A8.02	*	LA.1	*	*
TRAINING	105.A	3'-0"x7'-0"	W1	WD	2	HM	18.3/A8.02	28.4/A8.02	*	LA.1	*	*
TRAINING	105.B	3'-0"x7'-0"	H2	HM	1	HM	1/A8.02	2/A8.02	*	LA.1	*	2
MEN	106.A	3'-0"x7'-0"	W1	WD	1	HM	1/A8.02	2/A8.02	*	PP.1	*	*
WOMEN	107.A	3'-0"x7'-0"	W1	WD	1	HM	1/A8.02	2/A8.02	*	PP.1	*	*
OFFICE	109.A	3'-0"x7'-0"	W1	WD	2	HM	18.3/A8.02	28.4/A8.02	*	LK.1	*	*
OFFICE	110.A	3'-0"x7'-0"	W1	WD	2	HM	18.3/A8.02	28.4/A8.02	*	LK.1	*	*
OFFICE	111.A	3'-0"x7'-0"	W1	WD	2	HM	18.3/A8.02	28.4/A8.02	*	LK.1	*	*
OFFICE	112.A	3'-0"x7'-0"	W1	WD	2	HM	18.3/A8.02	28.4/A8.02	*	LK.1	*	*
STORAGE	113.A	3'-0"x7'-0"	W1	WD	1	HM	1/A8.02	2/A8.02	*	LK.1	*	*
JT	114.A	3'-0"x7'-0"	W1	WD	1	HM	1/A8.02	2/A8.02	*	LK.1	*	*
HALLWAY	116.A	3'-0"x7'-0"	H3	HM	1	HM	1/A8.02	2/A8.02	*	LA.1	*	2
TECH OFFICE	118.A	3'-0"x7'-0"	W3	WD	1	HM	1/A8.02	2/A8.02	*	LA.1	*	*
TECH OFFICE	118.B	PAIR 3'-0"x7'-0"	H3	HM	1	HM	1/A8.02	2/A8.02	*	PP.1	*	1
TECH OFFICE	118.C	PAIR 3'-0"x7'-0"	H3	HM	1	HM	1/A8.02	2/A8.02	*	PP.1	*	1
PARTS ROOM/STO	119.A	3'-0"x7'-0"	W1	WD	1	HM	1/A8.02	2/A8.02	*	LK.3	*	CR, 2
PARTS ROOM/STO	119.B	PAIR 3'-0"x7'-0"	H3	HM	1	HM	1/A8.02	2/A8.02	*	LK.4	*	CR, 1
PARTS ROOM/STO	119.C	WINDOW SHUTTER	-	-	-	-	118.5/A8.02	9/A8.02	9/A8.02	-	*	*
OFFICE	201.A	3'-0"x7'-0"	H1	HM	1	HM	1/A8.02	2/A8.02	*	LK.1	*	2
OFFICE	201.B	WINDOW	-	-	3	HM	3/A8.02	4/A8.02	*	-	*	*
OFFICE	202.A	3'-0"x7'-0"	H1	HM	1	HM	1/A8.02	2/A8.02	*	LK.1	*	*
OFFICE	202.B	WINDOW	-	-	3	HM	3/A8.02	4/A8.02	*	-	*	2
TOILET	203.A	3'-0"x7'-0"	H1	HM	1	HM	1/A8.02	2/A8.02	*	LK.1	*	*

REMARKS LEGEND

CR = CARD READER
1. DOOR CLOSERS TO HAVE HOLD OPEN OPTION
2. DOOR TO HAVE KICK PLATE

ABBREVIATIONS

AL ALUMINUM
CR CARD READER
GL GLASS
HM HOLLOW METAL
MFR MANUFACTURER
MHO MAGNETIC HOLD OPEN
ML MAGNETIC LOCK
STL STEEL
TID TRAFFIC IMPACT DOOR
WD WOOD

GLASS TYPE LEGEND

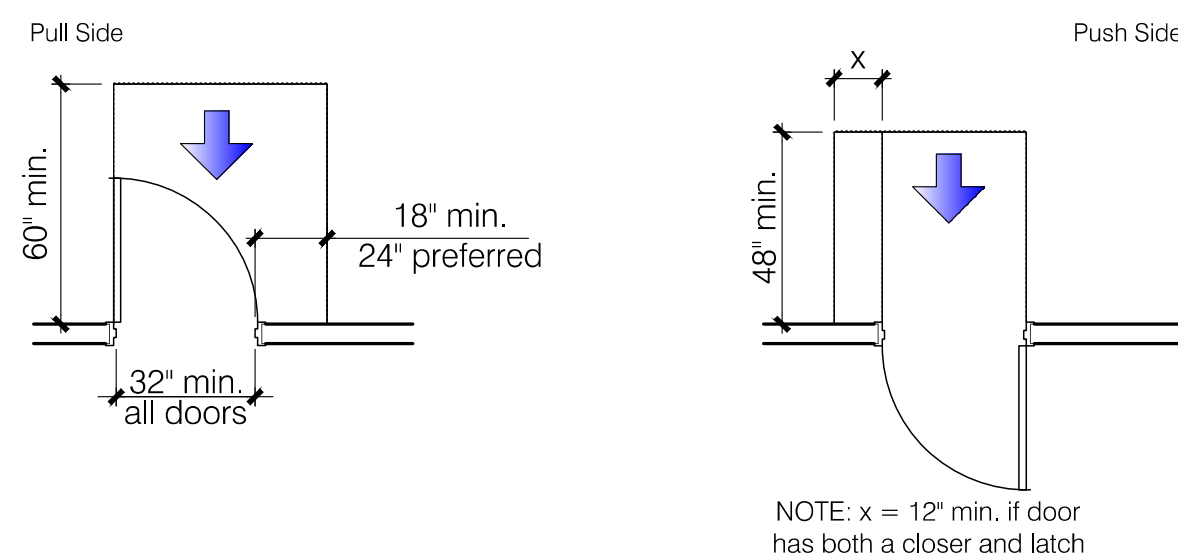
1 1/4" CLEAR GLASS
1 1/4" CLEAR TEMPERED GLASS
2 1/2" CLEAR TEMPERED GLASS
3 INSULATED CLEAR GLASS
4 INSULATED CLEAR TEMPERED GLASS
4 INSULATED TINTED GLASS
4 INSULATED TINTED TEMPERED GLASS

GENERAL NOTES

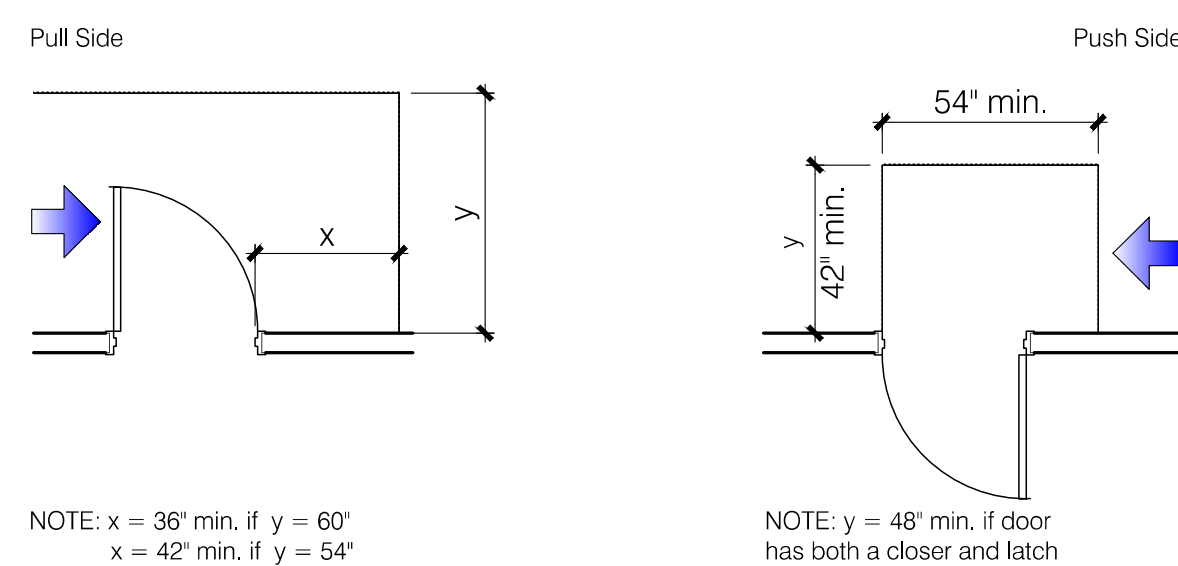
1. ALL DOORS SHALL BE 1 1/2" THICK UNLESS NOTED OTHERWISE.
2. ALL HARDWARE SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA)
3. ALL DOOR HARDWARE SHALL BE FINISH US260 OR EQUIVALENT.
4. ALL LATCHSETS AND LOCKSETS SHALL BE EQUIPPED WITH LEVER TYPE OPERATING TRIM.
5. ALL CLOSERS SHALL BE LOCATED ON ROOM SIDES OF DOORS.
6. CONTRACTOR'S HARDWARE CONSULTANT SHALL BE RESPONSIBLE FOR DETERMINING APPROPRIATE HARDWARE FUNCTION AND OPTIONS.
7. ALL DOORS SHALL BE EQUIPPED WITH INTERCHANGEABLE CORES WITH EVEREST 29 S123 KEYWAY.
8. CONTRACTOR SHALL COORDINATE FINAL KEYING WITH OWNER/LANDLORD. ALL LOCKS SHALL BE MASTERKEYED TO PARK DEVELOPMENT STANDARD.
9. FLOOR STOP(S) SHALL BE FURNISHED WHERE ADJACENT WALL DOES NOT ACCOMMODATE WALL STOP(S)

MANEUVERING CLEARANCES AT DOORS

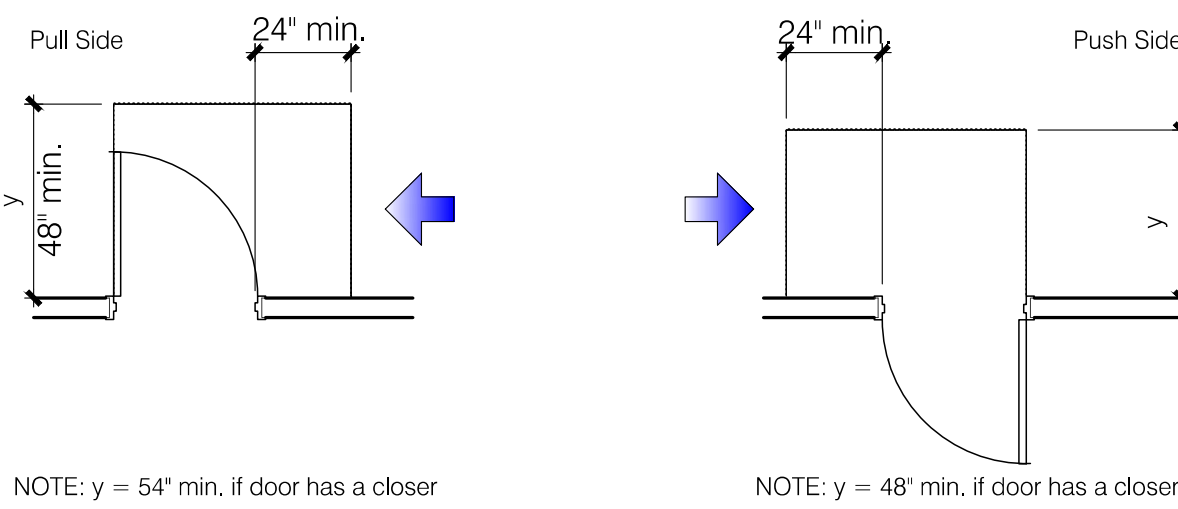
NOTE: All doors in alcoves shall comply with the clearances for front approaches



Front Approaches - Swinging Doors



Hinge Side Approaches - Swinging Doors



NOTE: y = 54" min. if door has a closer

Latch Side Approaches - Swinging Doors

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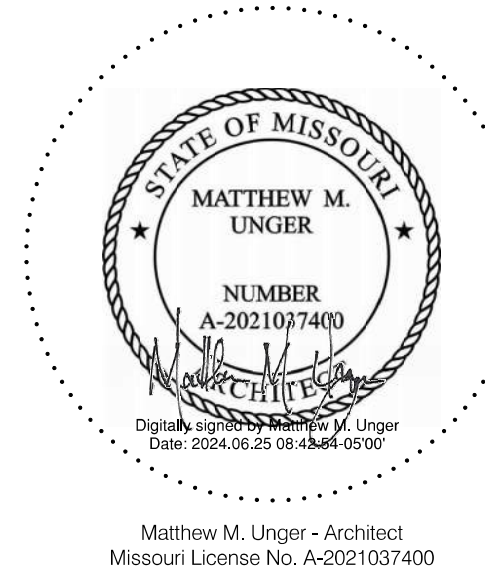
Date: 04.26.24

Issued For: Permit Submittal

Drawn By: F. Crubaugh

Reviewed By:

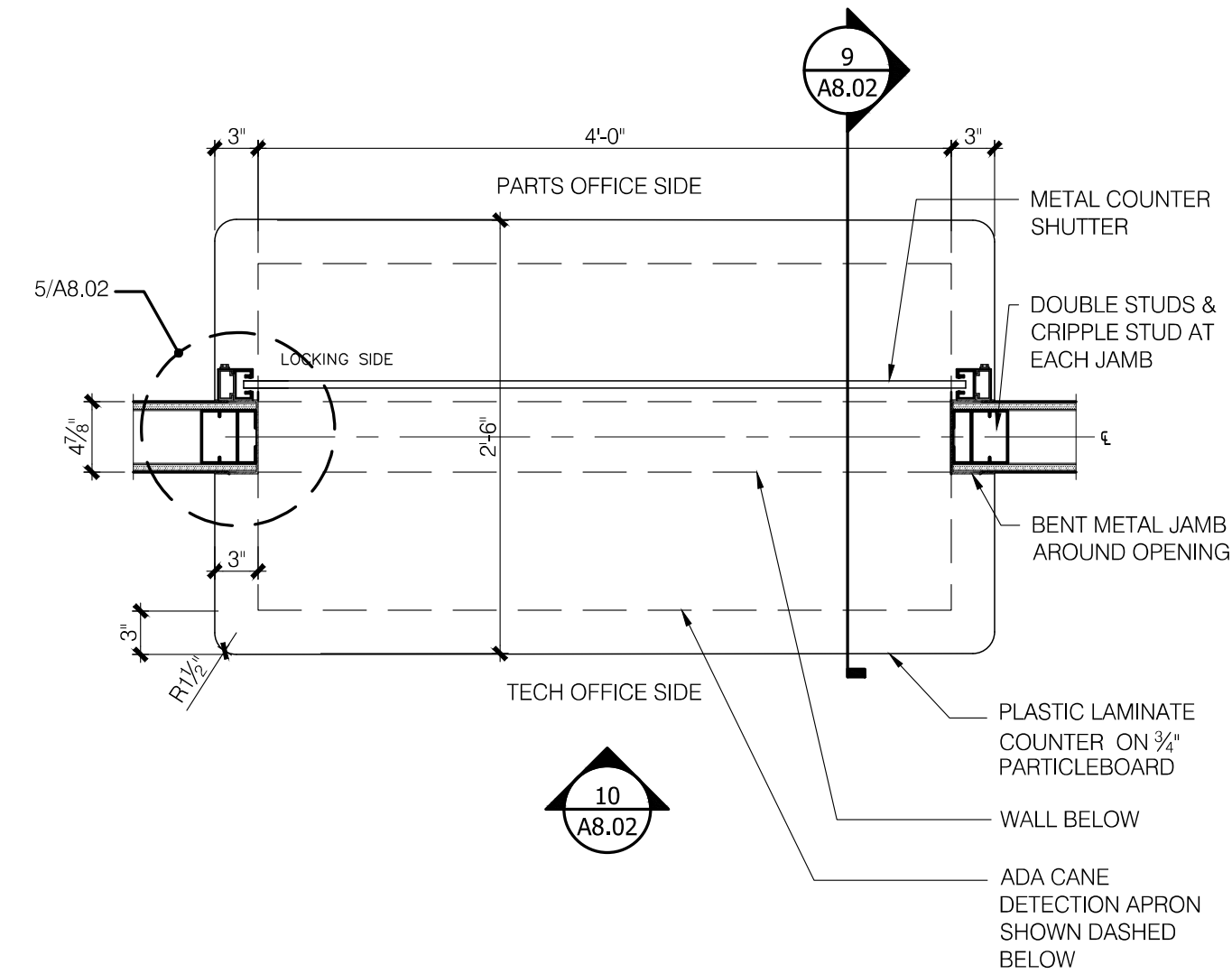
No.	Date	Description
6.24.24	6.24.24	CITY COMMENTS
6.24.24	6.24.24	TENANT CHANGES



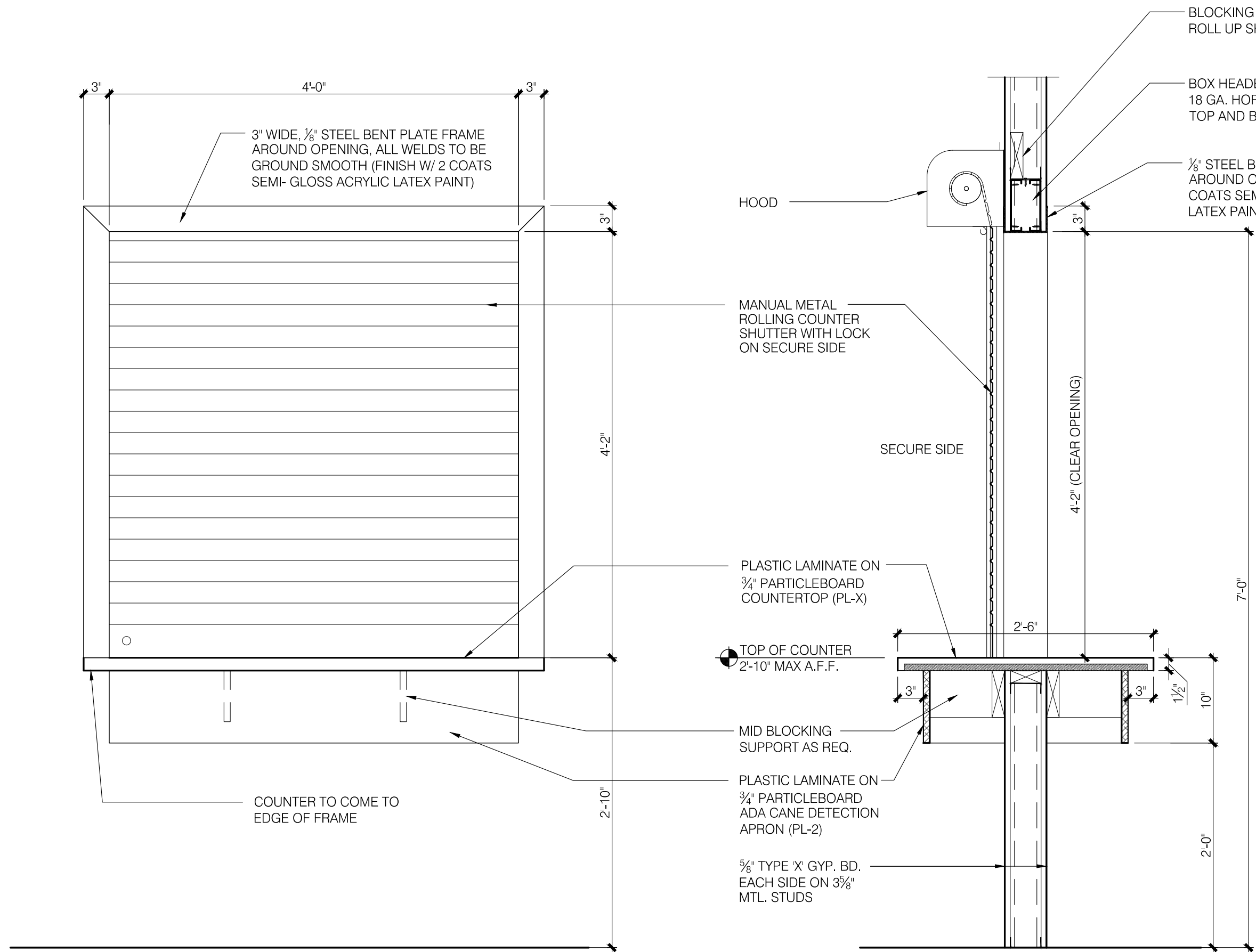
Matthew M. Unger - Architect
Missouri License No. A-2021037400

A8.01
DOOR & WINDOW SCHEDULE

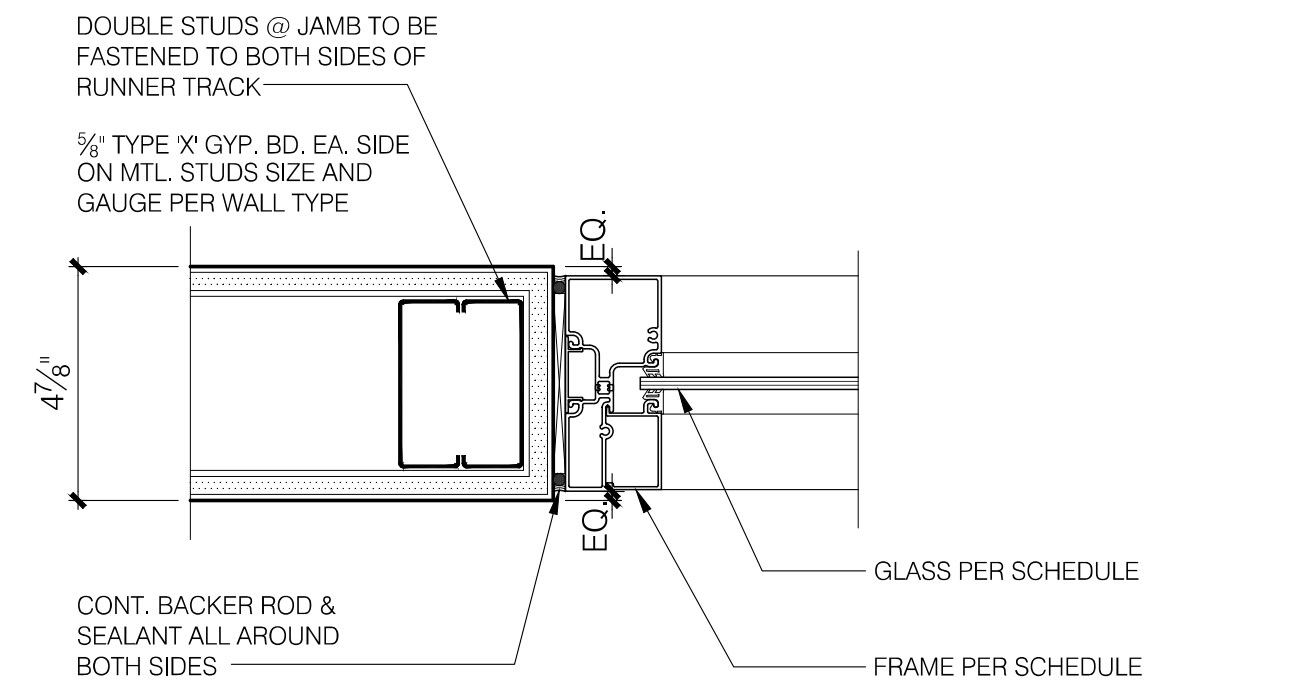
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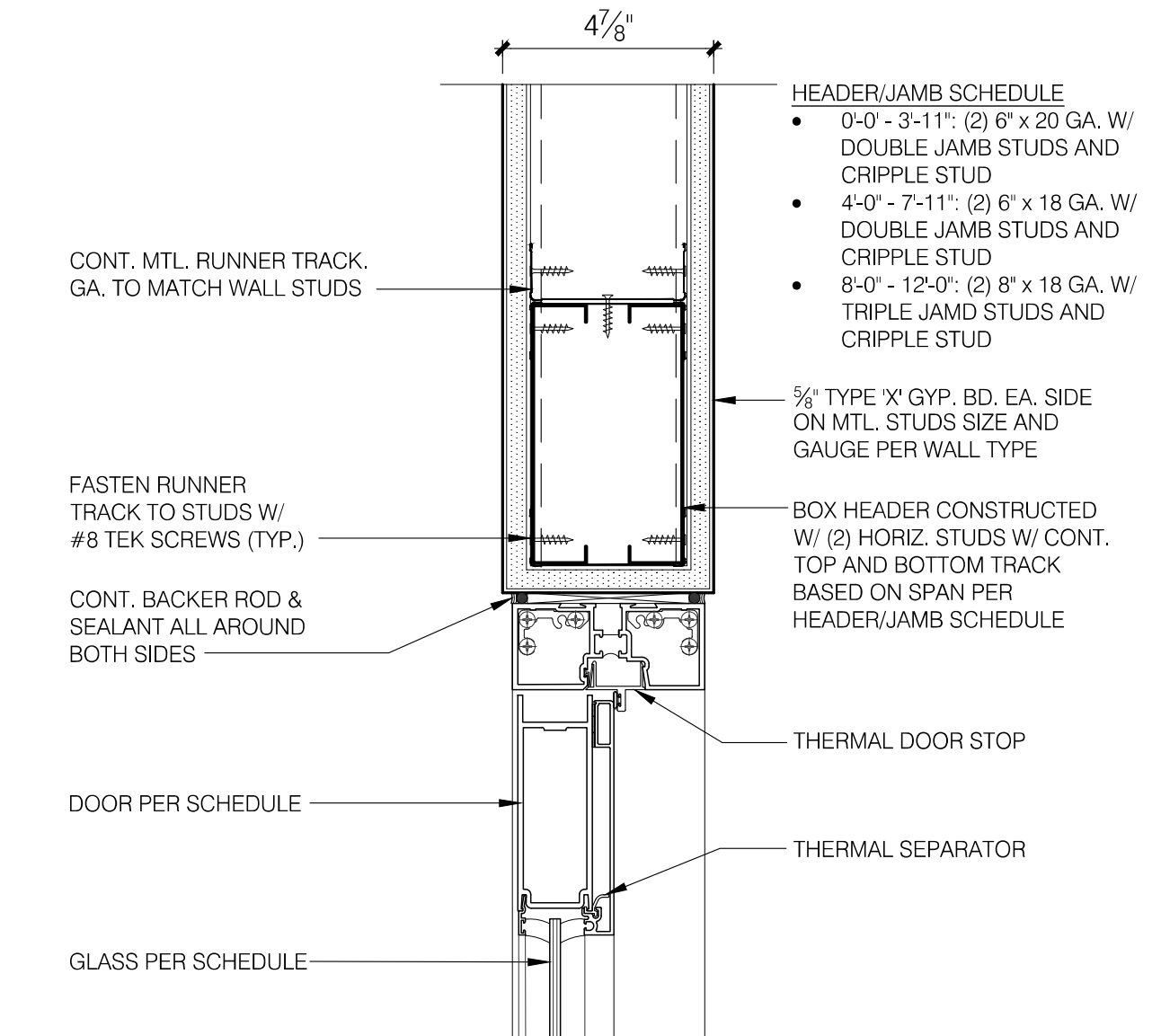
11 PASS-THRU WINDOW PLAN
Scale: 1" = 1'-0"



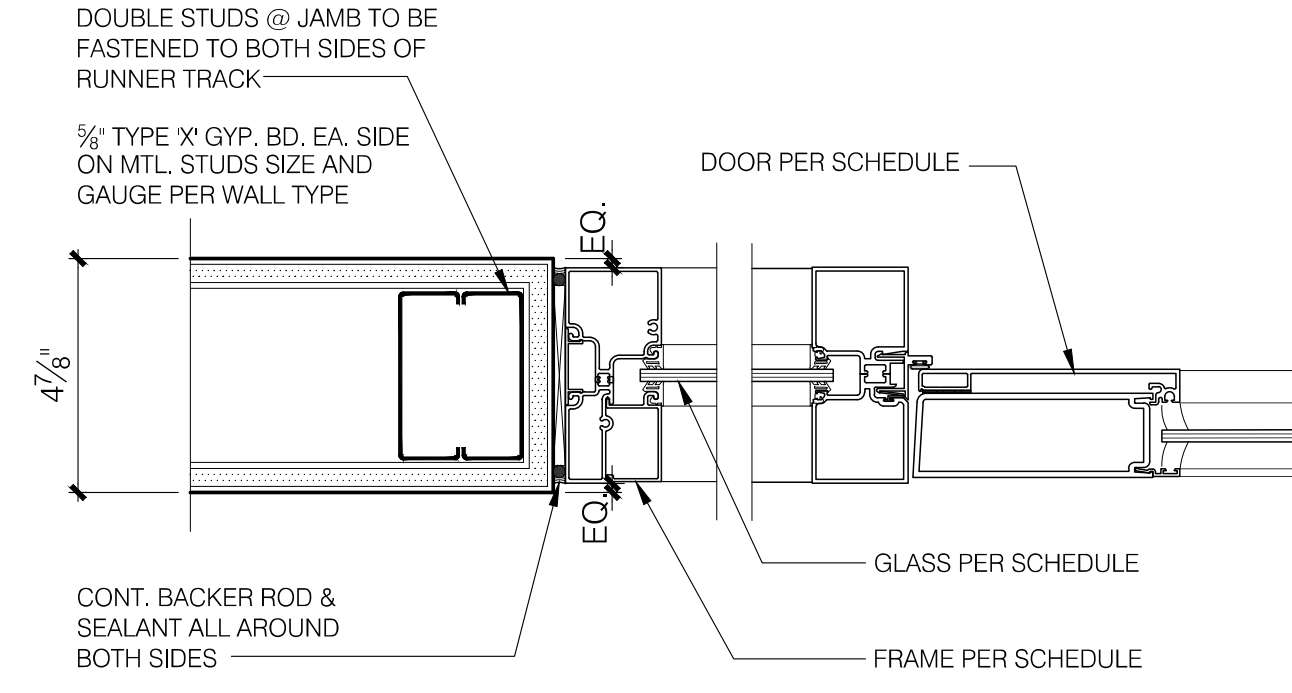
9 ROLLING SHUTTER WINDOW SECTION
Scale: 1" = 1'-0"



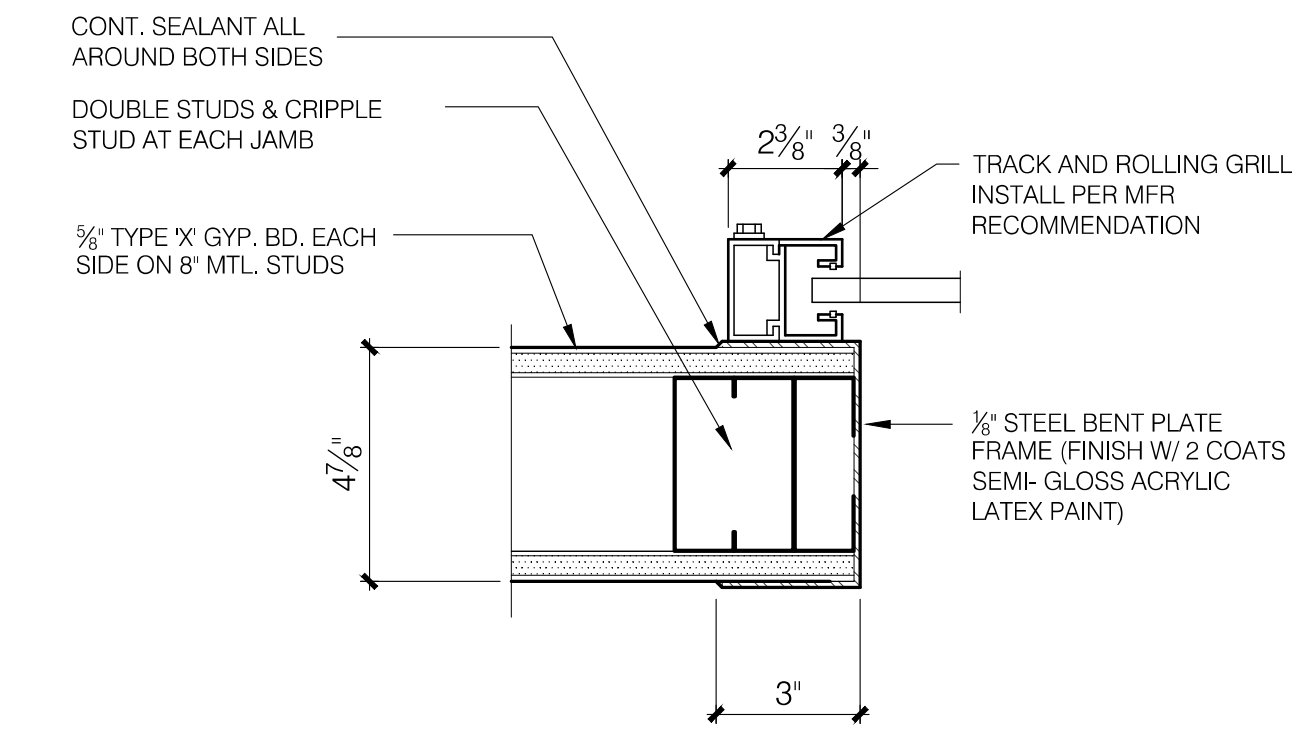
8 DOOR JAMB DETAIL
Scale: 3" = 1'-0"



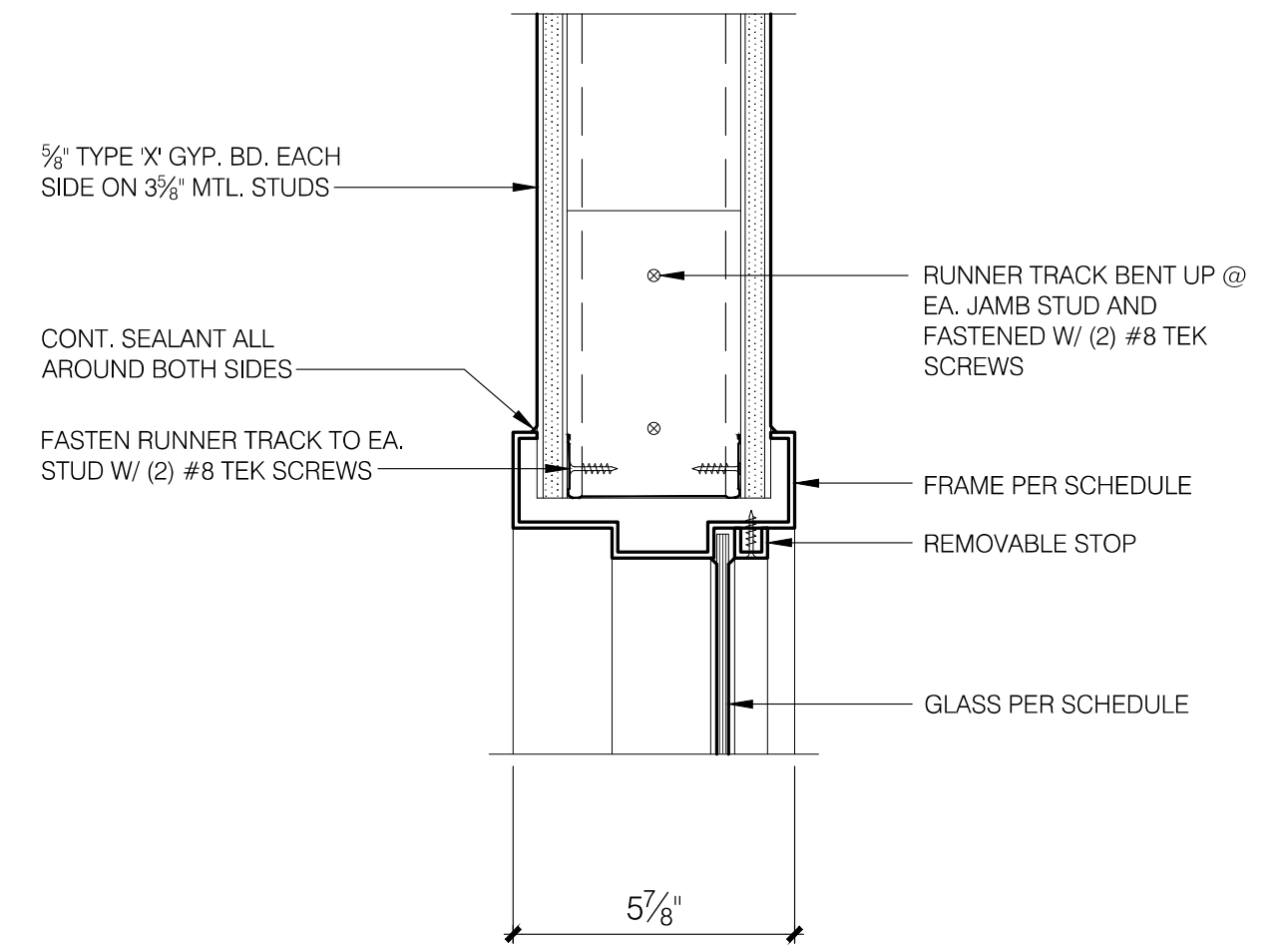
7 DOOR HEAD DETAIL
Scale: 3" = 1'-0"



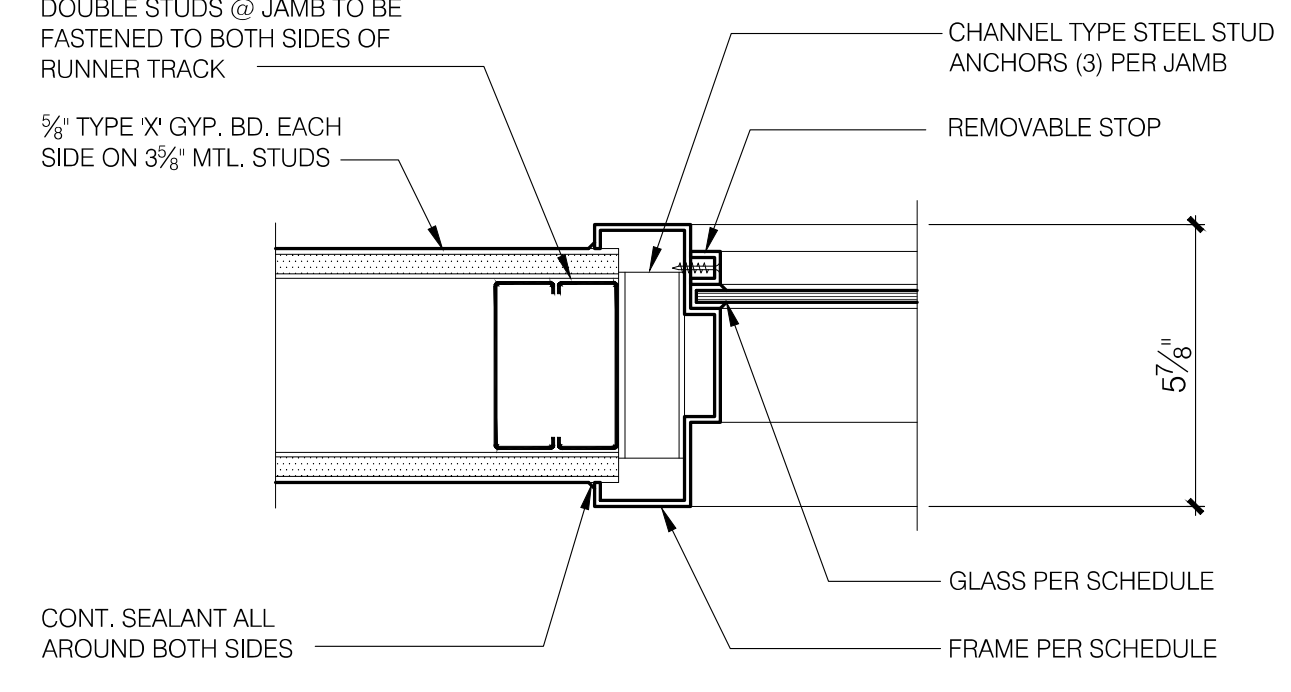
6 DOOR JAMB DETAIL
Scale: 3" = 1'-0"



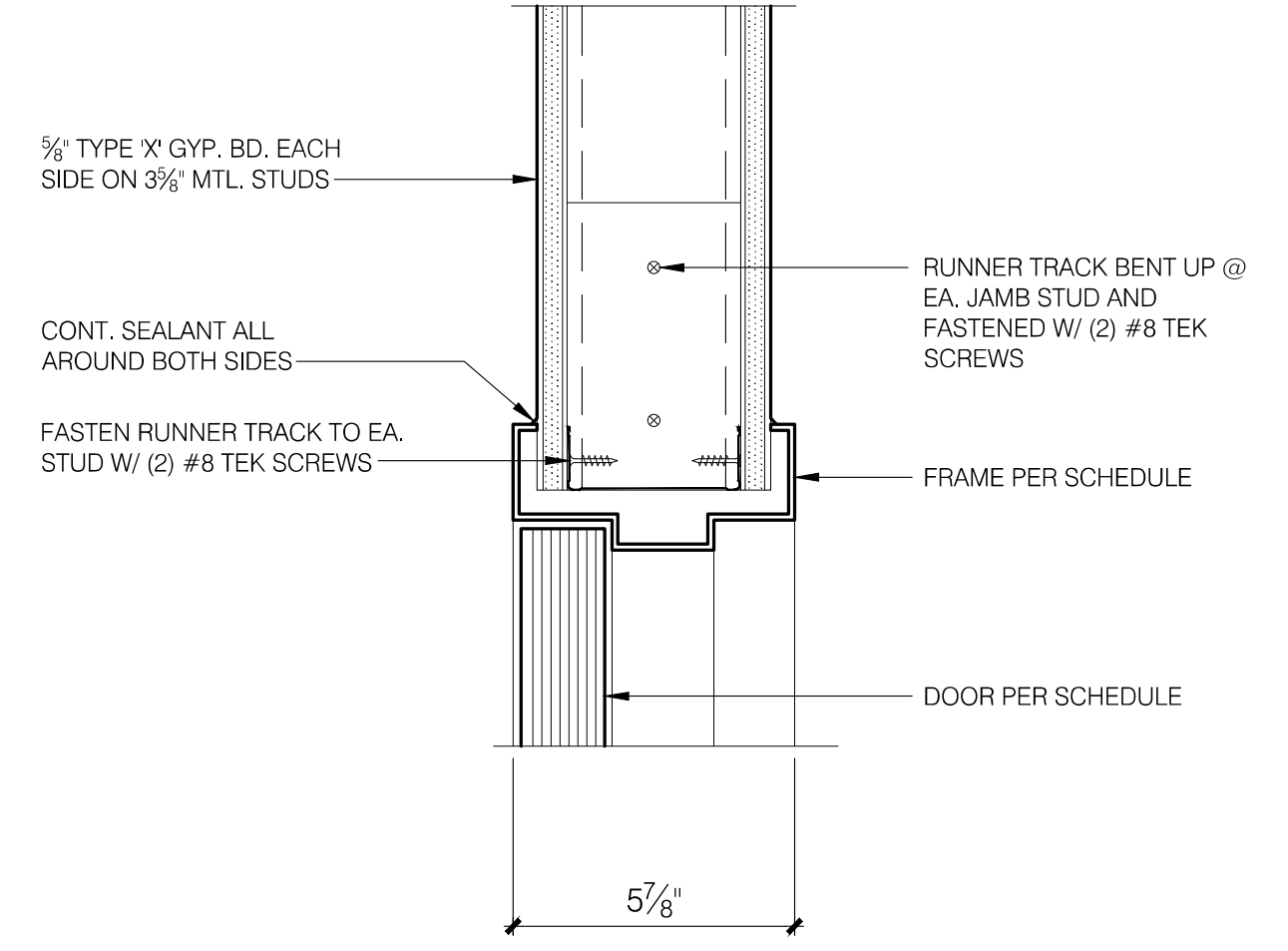
5 CASED OPENING JAMB DETAIL
Scale: 3" = 1'-0"



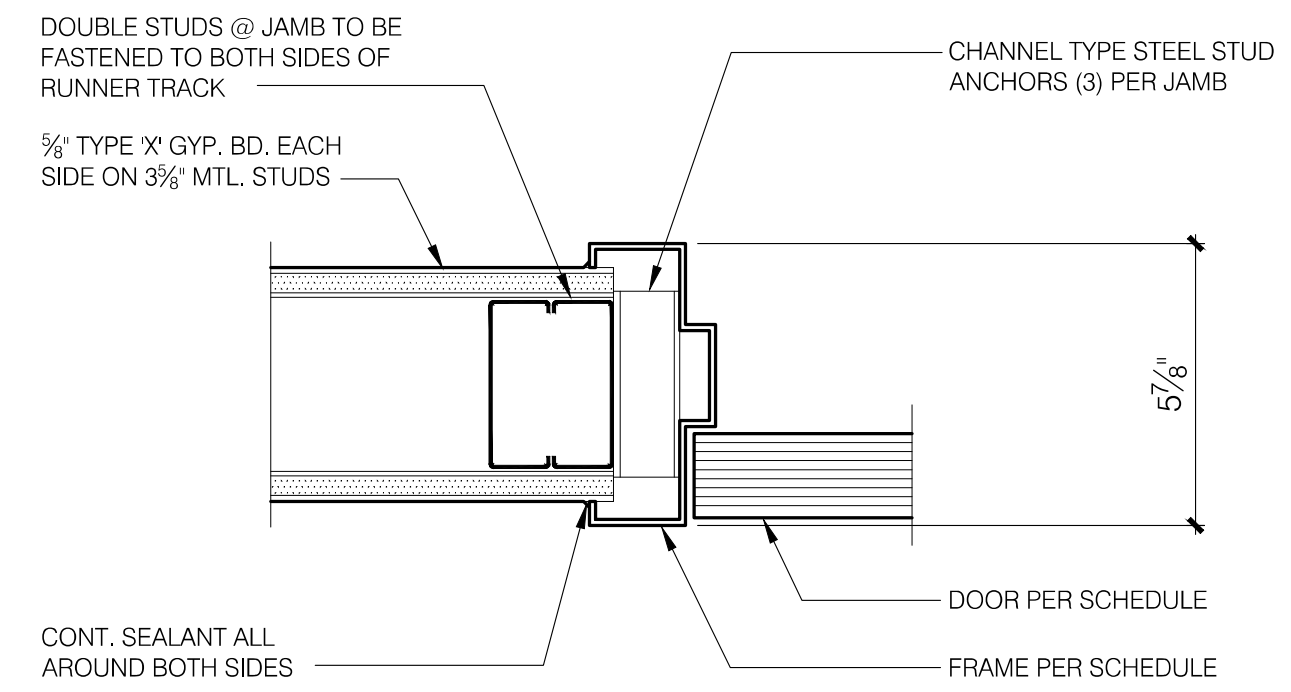
4 WINDOW HEAD DETAIL
Scale: 3" = 1'-0"



3 WINDOW JAMB DETAIL
Scale: 3" = 1'-0"



2 DOOR HEAD DETAIL
Scale: 3" = 1'-0"



1 DOOR JAMB DETAIL
Scale: 3" = 1'-0"

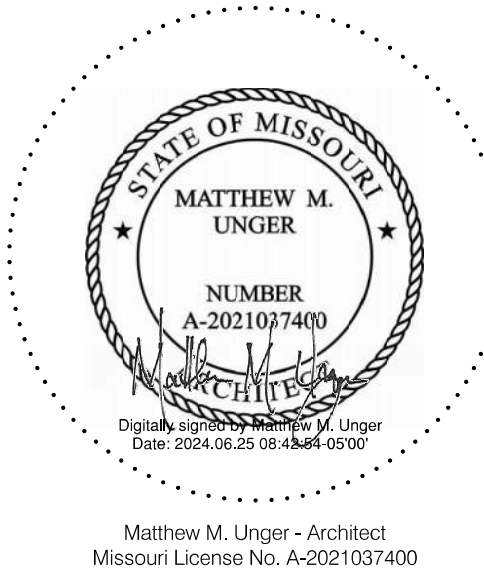
TENANT IMPROVEMENTS FOR:

H&R BLOCK DEPOT

1220 NW Main St. Unit E
Lee's Summit, MO 64086

Project No. 2024-032
Date: 04.26.24
Issued For: Permit Submittal
Drawn By: F. Crubaugh
Reviewed By:

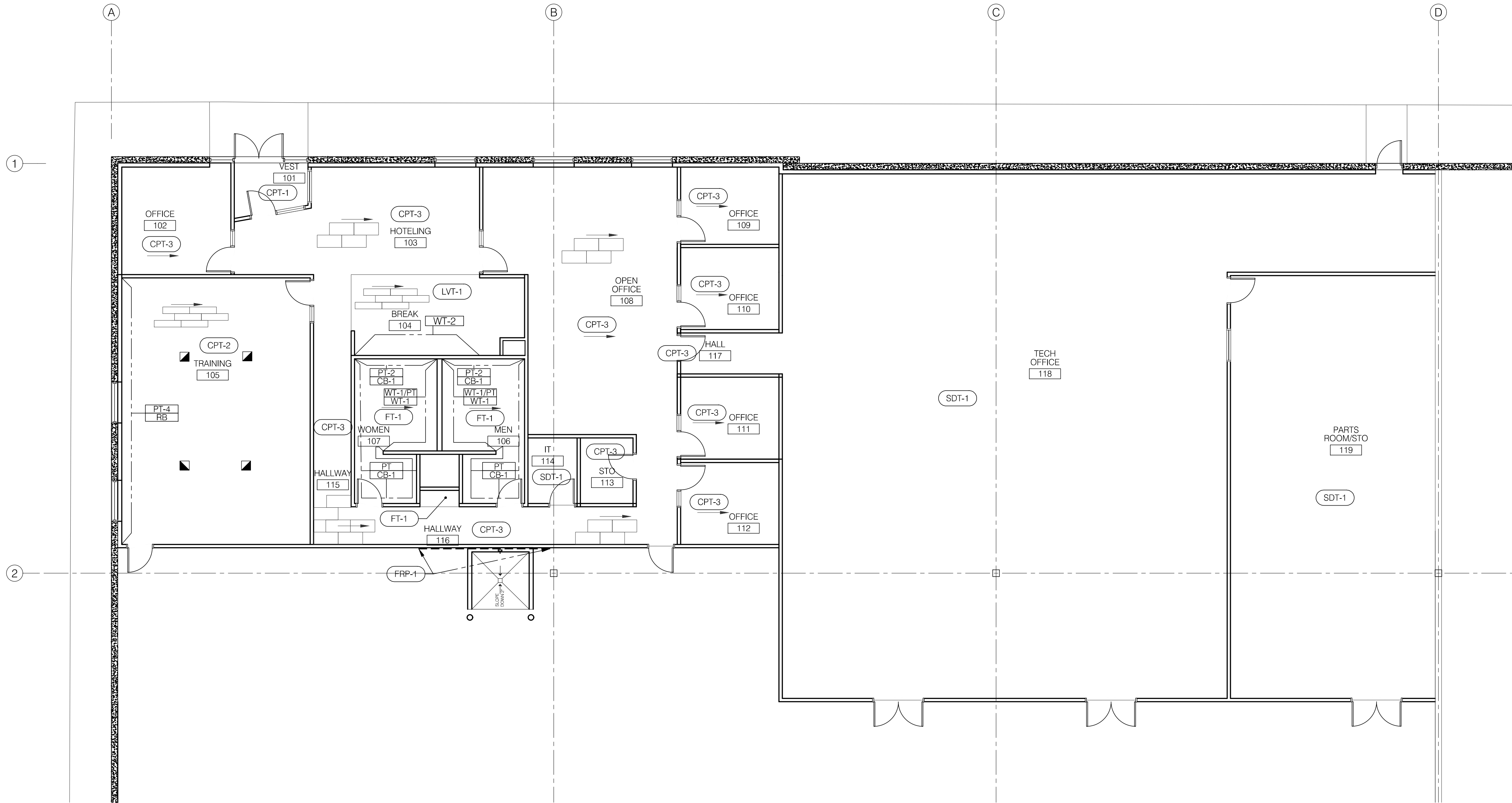
No.	Date	Description
6.24.24	6.24.24	CITY COMMENTS
6.24.24	6.24.24	TENANT CHANGES



Matthew M. Unger - Architect
Missouri License No. A-2021037400

A8.02
DOOR & WINDOW DETAILS

N:\01 PROJECTS\H&R BLOCK DEPOT\H&R BLOCK DEPOT\H&R BLOCK DEPOT\A8.03.DWG - 6/18/2024 12:57:57 PM - fcrubaugh



1 FINISH PLAN
Scale: 1/8" = 1'-0"
PLAN TRUE

ROOM FINISH SCHEDULE

ROOM		FLOOR	BASE				WALLS				CEILING			REMARKS
NO.	NAME		N	E	S	W	N	E	S	W	MAT.	FIN.	HGT.	
101	VEST	CPT-1	RB	RB	RB	RB	PT	PT	PT	PT	GB-1			
102	OFFICE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
103	HOTELING	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
104	BREAK	LVT-1	RB	RB	RB	RB	PT	PT	PT	WT-2/PT	GB-1			2
105	TRAINING	CPT-2	RB	RB	RB	RB	PT-4	PT	PT	PT	SAT-1			
106	MEN	FT-1	WT-1/CB	CB	CB	WT-1/CB	WT-1/PT	PT-2	PT	WT-1/PT	GB-1			1, 3
107	WOMEN	FT-1	CB	CB	WT-1/CB	WT-1/CB	PT	PT-2	WT-1/PT	WT-1/PT	GB-1			1, 3
108	OPEN OFFICE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
109	OFFICE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
110	OFFICE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
111	OFFICE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
112	OFFICE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
113	STORAGE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
114	IT	SDT-1	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
115	HALLWAY	CPT-3	RB	-	RB	RB	PT	-	PT	PT	SAT-1			
116	HALLWAY	CPT-3	-	RB	-	RB	-	PT	-	PT	SAT-1			
117	HALL	CPT-3	-	RB	RB	RB	-	PT	PT	PT	SAT-1			
118	TECH OFFICE	SDT-1	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
119	PARTS ROOM/STO	SDT-1	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
201	OFFICE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
202	OFFICE	CPT-3	RB	RB	RB	RB	PT	PT	PT	PT	SAT-1			
203	TOILET	FT-1	CB	CB	CB	CB	FRP/PT4	FRP/PT4	FRP/PT4	FRP/PT4	GB-1			4

REMARKS

- CB-1 TO OCCUR ON WALLS WITHOUT WT-1
- REFERENCE SHEET A4.01 FOR LOCATION OF TILE AT MILLWORK ELEVATION
- REFERENCE FINISH PLAN FOR LOCATION OF FINISHES
- FRP TO SIT ON TOP OF TILE BASE 48", PAINT ABOVE

FINISH SCHEDULE LEGEND

FLOOR FINISHES

CPT: (MODULAR CARPET TILE - INSTALL PER MFR'S INSTRUCTIONS)
CPT-1: MFR: PATCRAFT, PATTERN: MOVING, COLOR: STROLL, INSTALLATION PATTERN: BRICK
REP: SARAH JENKINS, 913.237.7586

CPT-2: MFR: INTERFACE, PATTERN: WW870, COLOR: CHARCOAL WEFT, INSTALLATION PATTERN: ASHLAR
REP: KATIE ALLEN, 816.673.5771

CPT-3: PROVIDED BY TENANT AND INSTALLED BY CONTRACTOR

LVT: (5mm LUXURY VINYL TILE) **NOTE NO FLOORING TRANSITIONS REQUIRED BETWEEN 5mm LVT AND CARPET TILE**
LVT-1: PROVIDED BY TENANT AND INSTALLED BY CONTRACTOR

SDT: (12x12x1/8" STATIC DISSIPATIVE TILE)
SDT-1: MFR: ROPPE EDS, STYLE: STATIC DISSIPATIVE, COLOR: 750 CUMULUS WHITE, INSTALLATION PATTERN: RANDOM

FT: (FLOOR PORCELAIN TILE W/ 1/2" MAX. STAIN RESISTANT GROUT)
PROVIDE CRACK BRIDGING MEMBRANE OVER ALL CONTROL JOINTS AND COLD JOINT IN SLAB
FT-1: MFR: FLORIDA TILE, STYLE: EAST VILLAGE, COLOR: E. HOUSTON WARM GRAY, SIZE: 12x24, INSTALLATION PATTERN: RUNNING BOND, GROUT COLOR: TEC 939 MIST, REP: MARIANA EASTHAM, 608.982.7946

N: (NO FINISH)

BASE FINISHES

RB: (VULCANIZED RUBBER WALL BASE)
RB-1: SIZE: 4", STYLE: COVE, MFR: ROPPE, COLOR: 193 BLACK BROWN

CB: (CERAMIC TILE W/ 1/2" MAX. STAIN RESISTANT GROUT JOINTS (SEE MATCHING FLOOR TILE FOR GROUT SELECTION))
CB-1: 6" CUT TILE TO MATCH FT-1, SCHLUTER JOLLY AT EXPOSED EDGES, CUT BASE TO OCCUR WHERE WALL TILE DOES NOT EXIST

N: (NO FINISH)

WALL FINISHES

PT: (ACRYLIC LATEX PAINT - 2 FINISH COATS OVER PRIMER) ALL ACCENT PAINT LOCATIONS TBD
PT-1: MFR: SHERWIN WILLIAMS, COLOR: SW7029 INCREDIBLE WHITE, SHEEN: EGGSHELL (FIELD COLOR)
PT-2: MFR: SHERWIN WILLIAMS, COLOR: SW7024 SLATE TILE, SHEEN: EGGSHELL (BLUE ACCENT COLOR)
PT-3: MFR: SHERWIN WILLIAMS, COLOR: SW7048 URBANE BRONZE, SHEEN: SEMI-GLOSS (HM DOOR AND FRAMES)
PT-4: MFR: SHERWIN WILLIAMS, COLOR: SW6198 SENSIBLE HUE, SHEEN: EGGSHELL (GRAY ACCENT COLOR)

FRP: (FIBERGLASS REINFORCED PLASTIC WALL PANELS W/ STANDARD BATTENS, EDGE AND CORNER TRIM)
FRP-1: MFR: MARLITE, COLOR: WHITE, HEIGHT: 48" (WIDTH OF SHEET)

WT: (WALL TILE W/ 1/2" MAX. STAIN RESISTANT GROUT JOINTS (SEE MATCHING FLOOR TILE FOR GROUT SELECTION))
WT-1: MFR: LANDMARK, STYLE: JOURNEY, COLOR: NATURAL IVORY, SIZE: 8x40, INSTALLATION PATTERN: STACKED, GROUT COLOR: MARF 03 WARM GRAY, HEIGHT: 72", WALL TILE TO START AT FLOOR TILE, EXPOSED TOP AND CORNERS HAVE SCHLUTER JOLLY TRIM

WT-2: MFR: TILEBAR, STYLE: CAVALLO, COLOR: MONACO GREEN, SIZE: 3x18, INSTALLATION PATTERN: STACKED, GROUT COLOR: LATICHETE 87 STORMY GREY, EXPOSED TOP AND CORNERS HAVE SCHLUTER JOLLY TRIM
REP: ELIZABETH LESTER, 816-519-8622

N: (NO FINISH)

CEILING FINISHES

SAT: (ACOUSTICAL CEILING TILE IN SUSPENDED GRID)
SAT-1: SIZE: 24"x24", MFR: USG, STYLE: ORION 75, GRID: 9/16" HEAVY DUTY WHITE

GB: (GYPSUM WALLBOARD W/ FLAT FINISH ACRYLIC LATEX PAINT - 2 FINISH COATS OVER PRIMER)
GB-1: MFR: SHERWIN WILLIAMS, COLOR: SW 7005 "PURE WHITE", SHEEN: FLAT

N: (NO FINISH)

CASEWORK FINISHES

PL: (PLASTIC LAMINATE)
PL-1: (CABINET FRONTS), MFR: ARBORITE, COLOR: W490 OW NATURAL ARCADIAN OAK
PL-2: (PASS TROUGH COUNTER), MFR: WILSONART, COLOR: 5013K-19 MUSHROOM

SS: (SOLID SURFACE)
SS-1: (COUNTERTOPS), TYPE: QUARTZ, MFR: WILSONART, COLOR: Q4063 VICENTIA

GENERAL FINISH NOTES

- PAINT COLOR FOR HOLLOW MTL. DOORS AND FRAMES PT-TBD (SEMI-GLOSS SHEEN)
- PROVIDE RUBBER TRANSITION STRIPS AT LOCATIONS WHERE DISSIMILAR FLOOR MATERIALS MEET
- PROVIDE ALUMINUM SCHLUTER TRANSITION STRIPS WHERE CERAMIC TILE MEETS DISSIMILAR FLOOR MATERIALS
- PROVIDE CONTINUOUS 6" BATT INSULATION ABOVE ALL CEILINGS
- FURNISH AND INSTALL RUBBER WALL BASE (RB-1) AND PAINT (PT-TBD) ON WAREHOUSE FACE OF ALL GYP. BD. WALLS



3315 N Oak Trafficway | Kansas City, MO 64116
816 | 888 | 7380
NP Studio North, LLC
Missouri Certificate of Authorization No. A-2017040040

PLUMBING DESIGN-BUILD BY GEN CONTRACTOR
MECHANICAL DESIGN-BUILD BY GEN CONTRACTOR
ELECTRICAL DESIGN-BUILD BY GEN CONTRACTOR
FIRE PROTECTION DESIGN-BUILD BY GEN CONTRACTOR
CONTRACTOR FORGE CONSTRUCTION

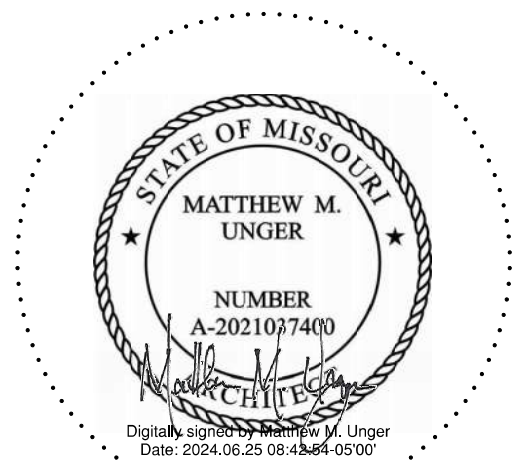
TENANT IMPROVEMENTS FOR:

H&R BLOCK
DEPOT

1220 NW Main St. Unit E
Lee's Summit, MO 64086

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Date: 04.26.24
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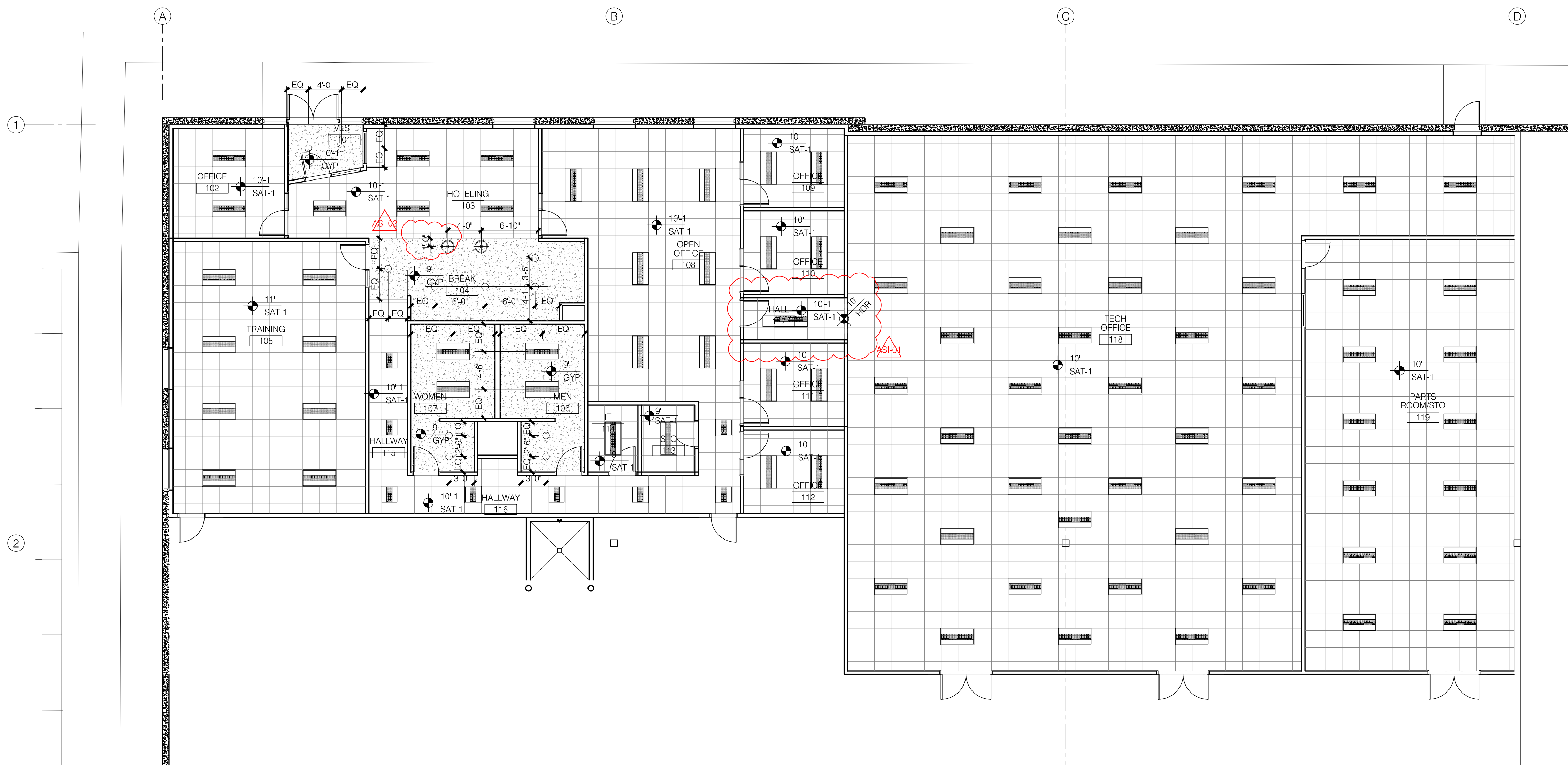
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6.24.24	6.24.24	CITY COMMENTS
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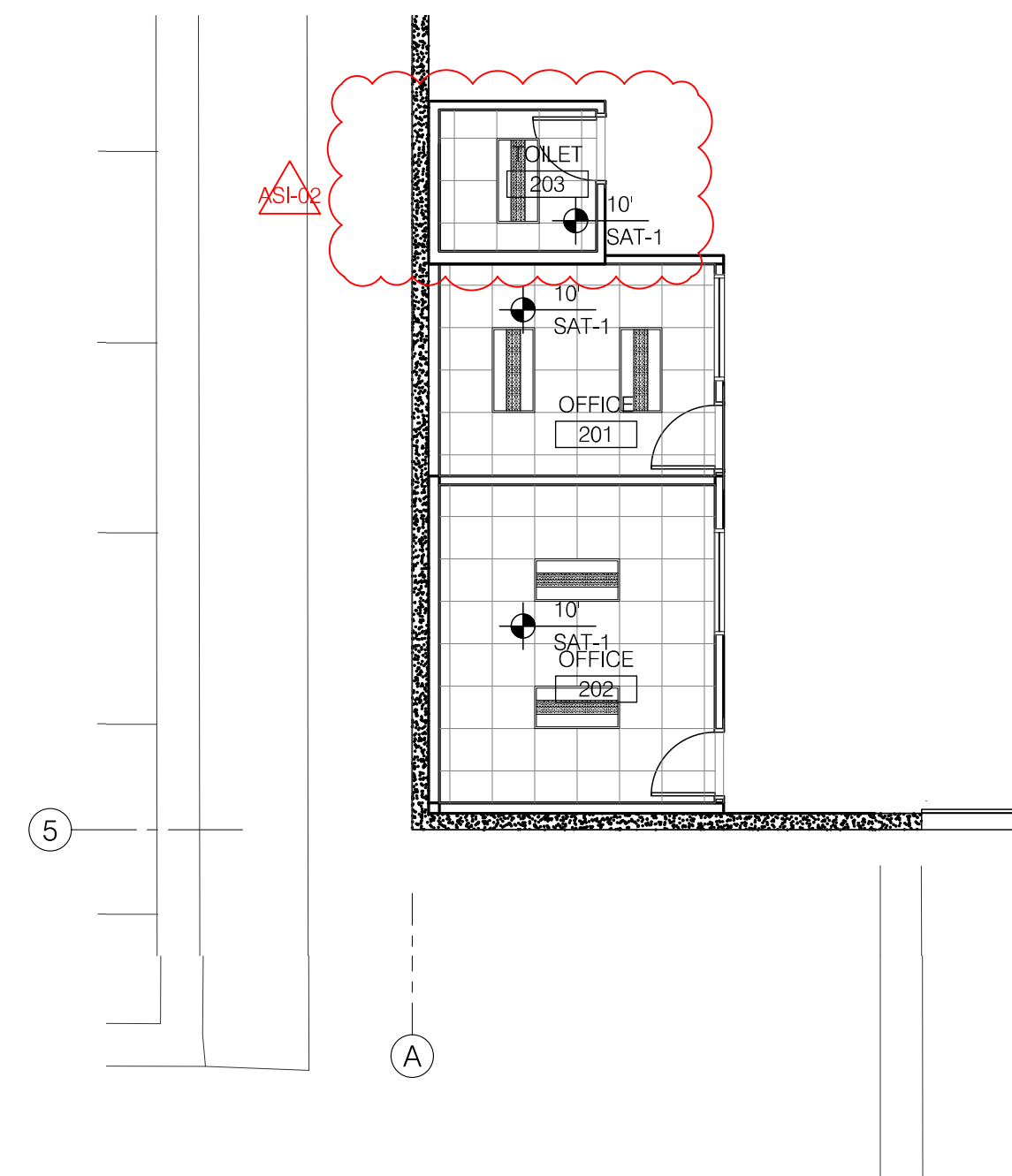
Matthew M. Unger - Architect
Missouri License No. A-2021037400

A8.03

FINISH SCHEDULE | FINISH PLAN



1 REFLECTED CEILING PLAN
Scale: 1/8" = 1'-0"
PLAN TRUE



2 REFLECTED CEILING PLAN
Scale: 1/8" = 1'-0"
PLAN TRUE

REFLECTED CEILING PLAN LEGEND

- ALL CEILING GRID SHALL BE SUPPORTED FROM STRUCTURAL MEMBERS. SUPPORT SHALL NOT BE FROM METAL FLOOR OR ROOF DECK.
 - ALL MECHANICAL ELEMENTS SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURAL MEMBERS AND NO BUILDING ELEMENTS SHALL BE CONNECTED TO OR SUSPENDED FROM DUCTWORK.
 - IF ANY INTERSTITIAL SPACES WILL BE UTILIZED FOR RETURN AIR AND RIGID WALL INSULATION IS DETAILLED TO BE INSTALLED ON EXTERIOR WALLS ABOVE CEILINGS, ALL RETURN AIR MUST BE DUCTED. PLENUM RETURN IS PROHIBITED.
- 2'-0" x 4'-0" SUSPENDED ACOUSTICAL CEILING TILE
RE: FINISH SCHEDULE FOR SPECIFICATIONS
- FLAT FINISH ACRYLIC LATEX PAINT ON GYP. BD.
2 FINISH COATS OVER PRIMER
- 2'-0" x 4'-0" LED LIGHT FIXTURE - CENTER BASKET TROFFER
(GYP. BD. RECESSED AT RESTROOMS)
RE: ELECTRICAL DWGS. FOR SPECIFICATIONS
- 2'-0" x 2'-0" LED LIGHT FIXTURE - CENTER BASKET TROFFER
(GYP. BD. RECESSED AT RESTROOMS)
RE: ELECTRICAL DWGS. FOR SPECIFICATIONS
- RECESSED CAN LIGHT
RE: ELECTRICAL DWGS. FOR SPECIFICATIONS
- DECORATIVE ACOUSTIC PENDANT
MFR: LIGHTART, 22" ACOUSTIC EMPIRE SHADE, COLORS
OUTSIDE SHADE: DUNE, INSIDE SHADE: ZINC, WHITE CANOPY
CORD AND FRAME, 4000K, DIMMABLE, 800 LUMEN, 54" FLOOD
REP: AMANDA SCOTT, CONVERGENCE, 781-572-7981
RE: ELECTRICAL DWGS. FOR SPECIFICATIONS



PLUMBING	DESIGN-BUILD BY GEN CONTRACTOR
MECHANICAL	DESIGN-BUILD BY GEN CONTRACTOR
ELECTRICAL	DESIGN-BUILD BY GEN CONTRACTOR
FIRE PROTECTION	DESIGN-BUILD BY GEN CONTRACTOR
CONTRACTOR	FORGE CONSTRUCTION

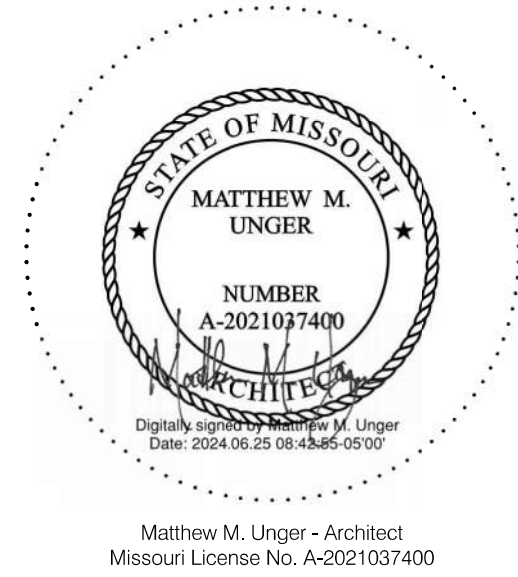


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NP Studio North, LLC
Missouri Certificate of Authorization No. A-2017040540

TENANT IMPROVEMENTS FOR:
H&R BLOCK DEPOT

1220 NW Main St. Unit E
Lee's Summit, MO 64086

Project No.	2024-032	
Date:	04.26.24	
Issued For:	Permit Submittal	
Drawn By:	F. Crubaug	
Reviewed By:		
Revisions:		
No.	Date	Description
	6.24.24	CITY COMMENTS
	6.24.24	TENANT CHANGES



A9.01
REFLECTED CEILING PLAN

719 LAWTON LOOP E. DR. #21
INDIANAPOLIS, IN 46216
O :: 317.288.0681
F :: 317.288.0753



CERTIFICATION

PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS
BUILDING B LOT 2

Missouri COA #001268

ISSUE _____ DATE _____

210300

SO.0

BUILDING CODE	2018 INTERNATIONAL BUILDING CODE (IBC)
OCCUPANCY CATEGORY	
2. LIVE LOADS	
A. ROOF – NON–REDUCIBLE	20 PSF
B. SLAB–ON–GRADE	350 PSF
3. ROOF SNOW LOAD	
A. GROUND SNOW LOAD, P_g	20 PSF
B. FLAT ROOF SNOW LOAD, P_f	20 PSF
C. SNOW EXPOSURE FACTOR, C_e	1.0
D. SNOW LOAD IMPORTANCE FACTOR, I	1.0
E. THERMAL FACTOR, C_t (BUILDING)	1.0
F. SNOW DRIFT	PER REFERENCED CODE
4. WIND DESIGN DATA	
A. ULTIMATE WIND SPEED (3 SECOND GUST), V	109 MPH
B. WIND IMPORTANCE FACTOR, I	1.00
C. WIND EXPOSURE CATEGORY	C
D. INTERNAL PRESSURE COEFFICIENT, C_{pi}	+/- 0.18
E. DESIGN WIND PRESSURE ON COMPONENTS AND CLADDING (1.0W)	
1) WALLS (500 SQUARE FEET EFFECTIVE WIND AREA)	
END ZONES	23.7 PSF
INTERIOR ZONES	23.7 PSF
2) ROOF (10 SQUARE FEET EFFECTIVE WIND AREA FOR DECK ATTACHMENT)	
CORNER ZONES	89.1 PSF
END ZONES	65.4 PSF
INTERIOR ZONE 1	49.6 PSF
INTERIOR ZONE 2	28.5 PSF
F. WIDTH OF END ZONES, a	18.9 FT
5. EARTHQUAKE DESIGN DATA	
A. SEISMIC IMPORTANCE FACTOR, I	1.0
B. MAPPED SPECTRAL RESPONSE ACCELERATION, S_s	9.9 %
C. MAPPED SPECTRAL RESPONSE ACCELERATION, S_1	6.8 %
D. SITE CLASS	C
E. SPECTRAL RESPONSE COEFFICIENT, S_{ds}	0.086
F. SPECTRAL RESPONSE COEFFICIENT, S_{d1}	0.068
G. SEISMIC DESIGN CATEGORY	B
H. STRUCTURAL SYSTEM	
1) BASIC SEISMIC FORCE–RESISTING SYSTEM TYPE	A. BEARING WALL SYSTEMS
2) VERTICAL ELEMENT TYPE	2) ORDINARY PRECAST SHEAR WALLS
3) DESIGN BASE SHEAR, $LRFD$	0.029 W
4) SEISMIC RESPONSE COEFFICIENT, C_s	0.029
5) CONTROLLING RESPONSE MODIFICATION FACTOR, R	3
J. ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE
6. DEAD LOAD	
A. EPDM MEMBRANE	0.3 PSF
B. RIGID INSULATION	0.7 PSF
C. ROOF DECK	2.0 PSF
D. LIGHTS, PLUMBING, & HVAC	3.0 PSF
E. SPRINKLERS	2.0 PSF
F. STEEL JOISTS	2.0 PSF
G. STEEL GIRDERS	2.0 PSF
H. TOTAL DEAD LOAD ON JOISTS	10.0 PSF
J. TOTAL DEAD LOAD ON COLUMNS	12.0 PSF

GENERAL

- ## STRUCTURAL STEEL

- ## STEEL JOISTS

- STEEL DECK

- ### DEFERRED STRUCTURAL SUBMITTALS

- SHOP DRAWINGS

- A. STRUCTURAL STEEL
- B. ALL DEFERRED SUBMITTAL ITEMS

SPECIAL INSPECTIONS

- #### A. STRUCTURAL STEEL FABRICATIONS

- ## B. STRUCTURAL STEEL BOLTING AND WELDING

- ### C. ON SITE STRUCTURAL FRAMING

KSI	KIPS PER SQUARE INCH
LBS.	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG.	LONGITUDINAL
MAX.	MAXIMUM
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
N.T.S.	NOT TO SCALE
N.S.	NEAR SIDE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.H.	OPPOSITE HAND
P.A.F.	POWER ACTUATED FASTENER
PCF	POUNDS PER CUBIC FOOT
PLF	POUNDS PER LINEAR FOOT
P.M.E.J.	PREMOLDED EXPANSION JOINT
P.S.F.	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
QTY.	QUANTITY
RE:	REFER
REINF.	REINFORCING
REQD.	REQUIRED
R.O.	ROUGH OPENING
RTU	ROOF TOP UNIT
SCHED.	SCHEDULE
S.D.S.	SELF-DRILLING SCREWS
SIM.	SIMILAR
SPECS.	SPECIFICATIONS
STD.	STANDARD
STL.	STEEL
T&B	TOP AND BOTTOM
T.O.	TOP OF
T.O.P.	TOP OF PIER
T.O.W.	TOP OF WALL
TRANS.	TRANSVERSE
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
W.P.	WORK POINT
WT	WEIGHT
W.W.R.	WELDED WIRE REINFORCEMENT



wallace design collective, pc
structural-civil-landscape survey
1703 wyandotte street, suite 200
kansas city, missouri 64108
816.421.8282 • 800.364.5858

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PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS
BUILDING B LOT 2

NW CORNER TUDOR RD & MAINST
LEE'S SUMMIT, MO



6/24/2024
Missouri COA #001268

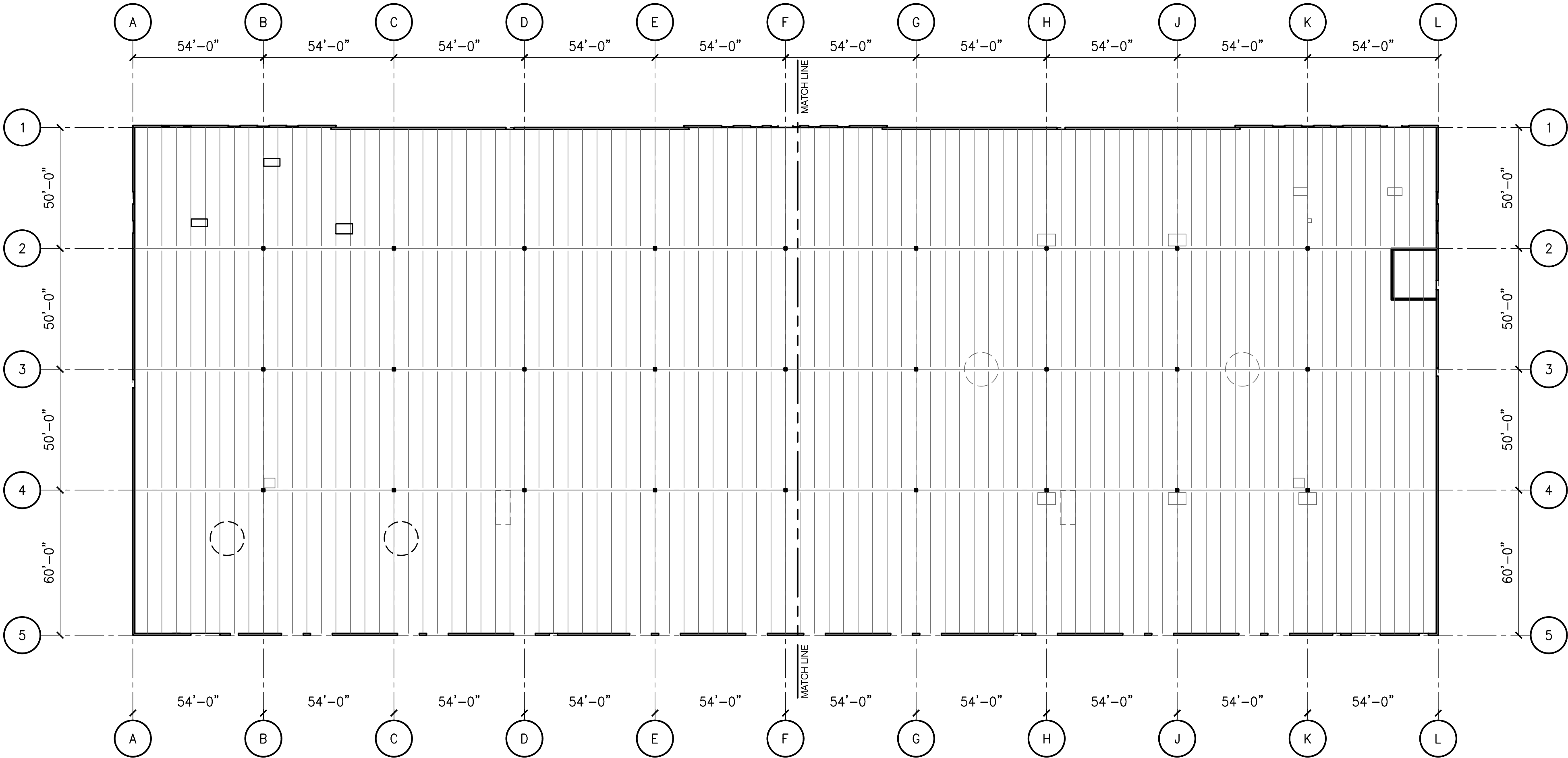
ISSUE DATES

ISSUE	DATE

210300

OVERALL
FRAMING PLAN

S2.0



1 OVERALL FRAMING PLAN
SCALE: 1/32"=1'-0"



CURRAN ARCHITECTURE

5719 LAWTON LOOP E. DR. #212
INDIANAPOLIS, IN 46216
O :: 317 . 288 . 0681
F :: 317 . 288 . 0753

wallace
design
collective

wallace design collective, pc
structural-civil-landscape survey
1703 wyandotte street, suite 200
kansas city, missouri 64108
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LEE'S SUMMIT LOGISTICS
BUILDING B LOT 2

NW CORNER TUDOR RD & MAINST
LEE'S SUMMIT, MO



ISSUE DATES

ISSUE	DATE

210300
ENLARGED
PARTIAL
FRAMING PLAN

S2.1

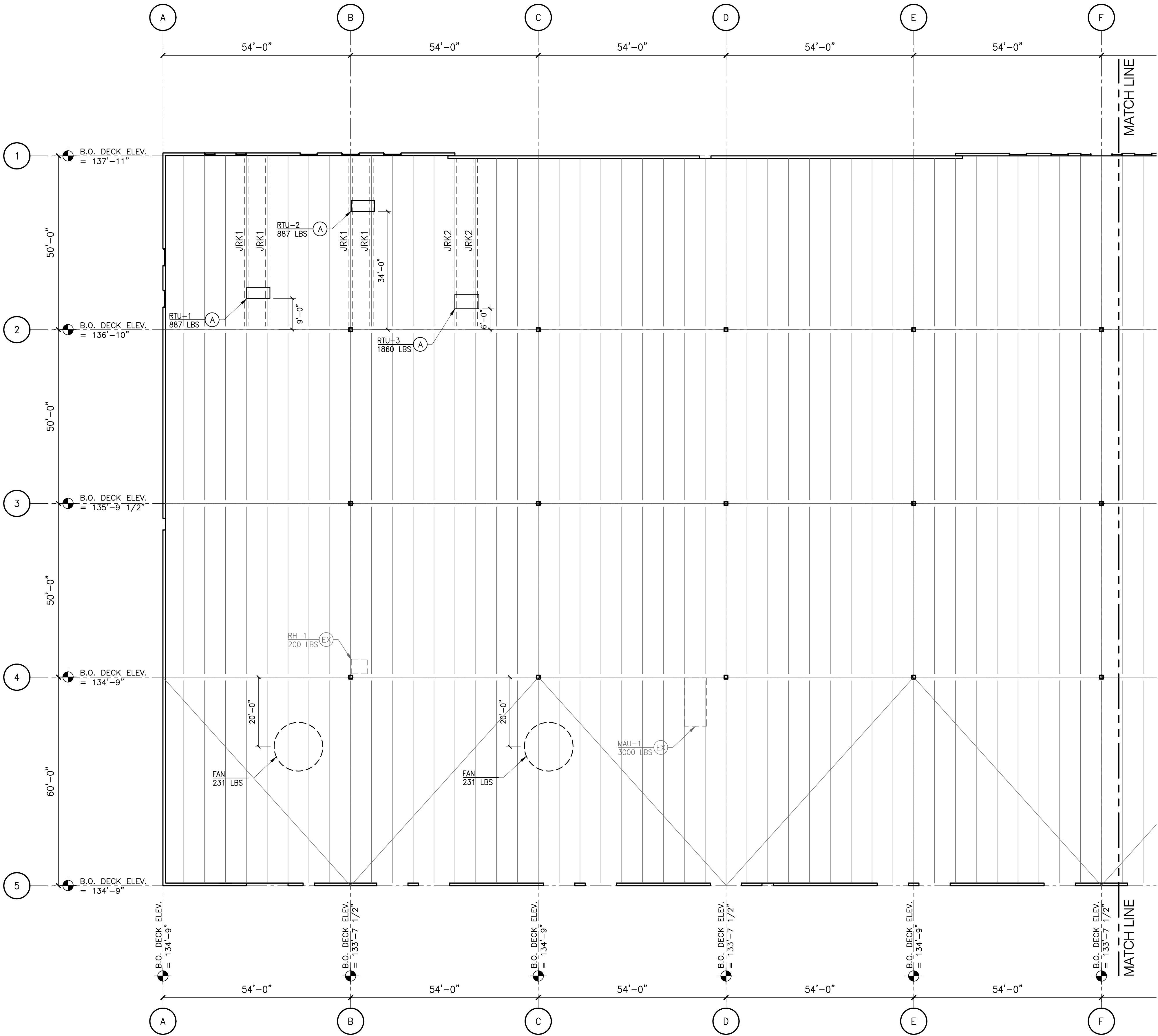
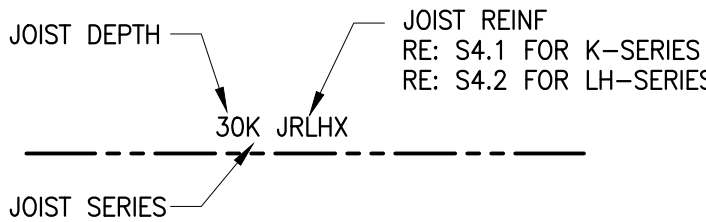
PLAN REFERENCE NOTES:

- (A) ROOF TOP EQUIPMENT, RE: ARCH./MEP.
PROVIDE ANGLE FRAME AND CURB RE: 1/S4.0
- (EX) EXISTING BASE BUILDING ROOF
TOP EQUIPMENT

PLAN NOTES

1. JOISTS SHALL BE REINFORCED PRIOR TO THE PLACEMENT OF THE ROOF TOP UNITS.
2. CONTACT E.O.R. IF MECHANICAL EQUIPMENT LOCATIONS ARE DIFFERENT THAN SHOWN.
3. RE: S4. SERIES FOR ADDITIONAL REINFORCEMENT REQUIRED FOR JOISTS PRIOR TO INSTALLATION

JOIST LEGEND



1 ENLARGED PARTIAL FRAMING PLAN
SCALE: 1/16"=1'-0"



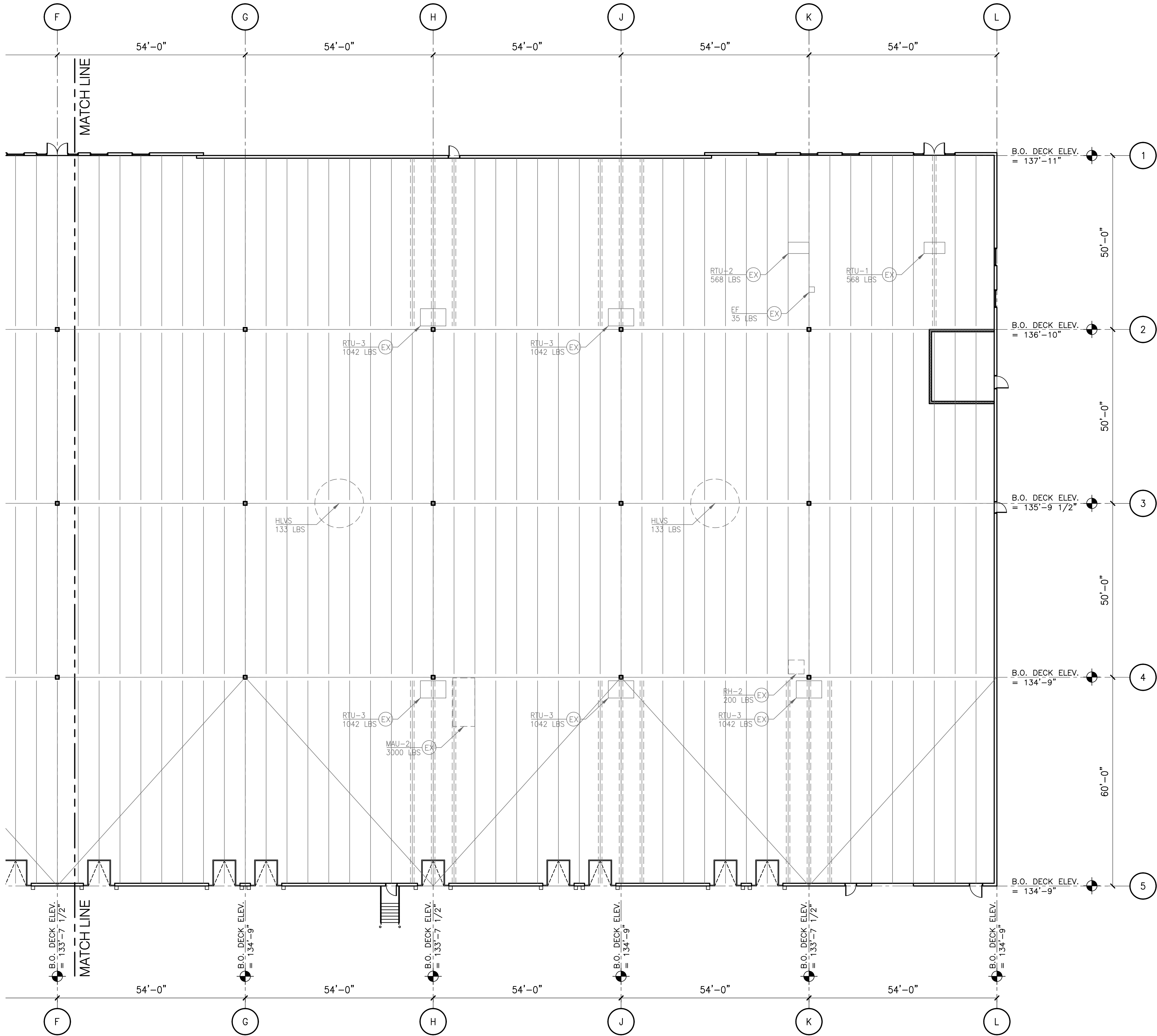
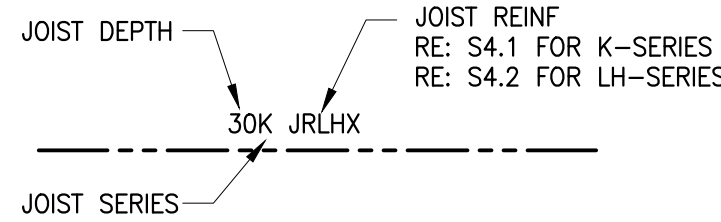
PLAN REFERENCE NOTES:

- Ⓐ ROOF TOP EQUIPMENT, RE: ARCH./MEP.
PROVIDE ANGLE FRAME AND CURB RE: 1/54.0
- ⊗ EXISTING BASE BUILDING ROOF
TOP EQUIPMENT

PLAN NOTES

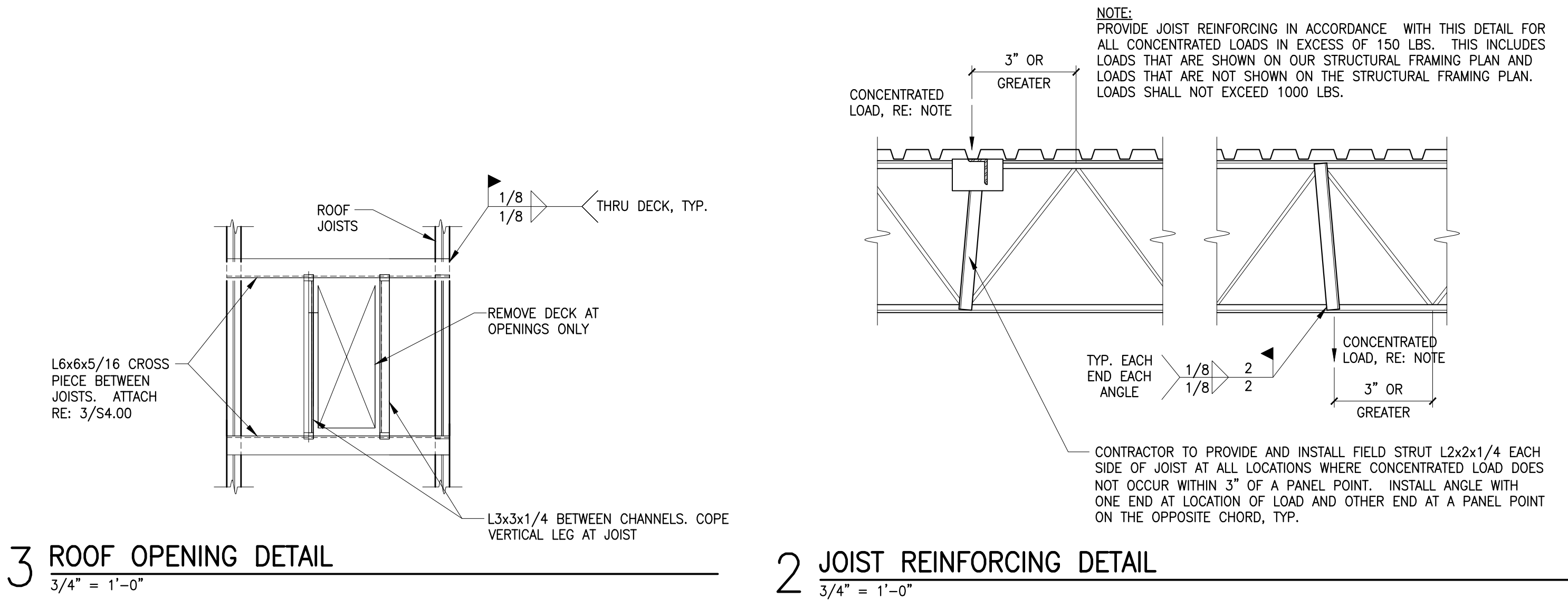
- 1. JOISTS SHALL BE REINFORCED PRIOR TO THE PLACEMENT OF THE ROOF TOP UNITS.
- 2. CONTACT E.O.R. IF MECHANICAL EQUIPMENT LOCATIONS ARE DIFFERENT THAN SHOWN.
- 3. RE: S4. SERIES FOR ADDITIONAL REINFORCEMENT REQUIRED FOR JOISTS PRIOR TO
INSTALLATION

JOIST LEGEND



1 ENLARGED PARTIAL FRAMING PLAN
SCALE: 1/16"=1'-0"





JOIST INSPECTION NOTES (REQUIRED AT ALL EXISTING JOISTS INDICATED TO BE REINFORCED)

A. EXISTING WEB MEMBER SHOP WELDS:

VISUAL INSPECTION ACCEPTANCE CRITERIA.....
(INSPECTION MAY BE PERFORMED WITH PAINT IN PLACE):

1. CRACK PROHIBITION: ANY CRACK SHALL BE UNACCEPTABLE, REGARDLESS OF SIZE OR LOCATION.
2. WELD/BASE-METAL FUSION: NO EVIDENCE OF LACK OF FUSION BETWEEN ADJACENT LAYERS OF WELD METAL AND BETWEEN WELD METAL AND BASE METAL SHALL EXIST.
3. CRATER CROSS SECTION: UNFILLED WELD CRATERS SHALL NOT BE INCLUDED IN THE EFFECTIVE LENGTH OF THE WELD.
4. POROSITY: THE SUM OF SURFACE (PIPING) POROSITY DIAMETERS SHALL NOT EXCEED 1/16 INCH (2 MILLIMETERS) IN ANY 1 INCH (25 MILLIMETERS) OF EFFECTIVE WELD LENGTH.

B. REPAIR WELDS: (REFERENCE CONTRACTOR NOTES ON JOIST MODIFICATION DETAIL FOR WELD REPAIRS TO BE INCLUDED IN THE BID)

VISUAL INSPECTION ACCEPTANCE CRITERIA.....

(ALL REINFORCING AND REPAIR FIELD WELDS SHALL BE VISUALLY INSPECTED AND SHALL BE ACCEPTABLE IF THE CRITERIA OUTLINED BELOW ARE SATISFIED):

1. CRACK PROHIBITION: ANY CRACK SHALL BE UNACCEPTABLE, REGARDLESS OF SIZE OR LOCATION.
2. WELD/BASE-METAL FUSION: THOROUGH FUSION SHALL EXIST BETWEEN ADJACENT LAYERS OF WELD METAL AND BETWEEN WELD METAL AND BASE METAL.
3. CRATER CROSS SECTION: ALL CRATERS SHALL BE FILLED TO PROVIDE THE SPECIFIED WELD SIZE, EXCEPT FOR THE ENDS OF INTERMITTENT FILLET WELDS OUTSIDE OF THEIR EFFECTIVE LENGTH.
4. WELD PROFILES: WELD PROFILES SHALL BE IN CONFORMANCE WITH ANSI/AWS D1.1 SECTION 5.2.4.
5. UNDERSIZED WELDS: THE SIZE OF A FILLET WELD IN ANY CONTINUOUS WELD MAY BE LESS THAN THE SPECIFIED NOMINAL SIZE (L) WITHOUT CORRECTION BY THE FOLLOWING AMOUNTS (U):

SPECIFIED NOMINAL WELD SIZE, IN. [MM]	ALLOWABLE DECREASE FROM L, IN. [MM]
$\leq 3/16$ [5]	$\leq 1/16$ [2]
$1/4$ [6]	$\leq 3/32$ [2.5]
$\geq 5/16$ [8]	$\leq 1/8$ [3]

IN ALL CASES, THE UNDERSIZE PORTION OF THE WELD SHALL NOT EXCEED 10% OF THE WELD LENGTH.

6. POROSITY: THE SUM OF SURFACE (PIPING) POROSITY DIAMETERS SHALL NOT EXCEED 1/16 INCH (2 MILLIMETERS) IN ANY 1 INCH (25 MILLIMETERS) OF DESIGN WELD LENGTH.

CONTRACTOR NOTES:

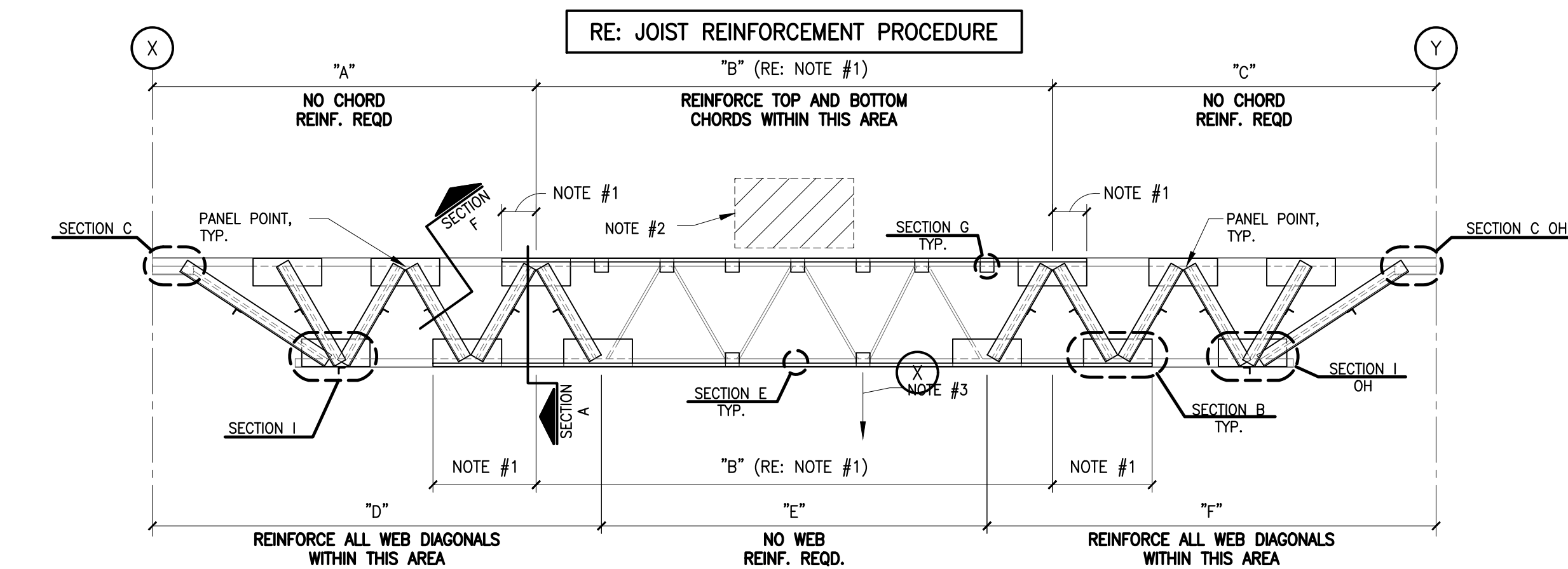
- A. RE: JOIST AND JOIST GIRDER GENERAL NOTES ON SHEET S0 AND JOIST INSPECTION NOTES ON THIS SHEET FOR REQUIRED INSPECTIONS TO BE PERFORMED PRIOR TO PROCEEDING WITH JOIST MODIFICATIONS.
- B. ALL WELDING ON EXISTING JOISTS SHALL BE PERFORMED USING EITHER THE GMAW OR FCAW PROCESS ONLY. SMAW OR "STICK" WELDING IS NOT ALLOWED. WIRE FOR FCAW PROCESS SHALL BE E71T-8 AND WIRE FOR GMAW PROCESS SHALL BE ER70S-6 (-GS WIRE IS NOT ALLOWED). WELDS SHALL BE PERFORMED BY OPERATORS CERTIFIED FOR THE PROCESS AND POSITIONS USED. THE TESTING AGENCY'S CERTIFIED WELDING INSPECTOR SHALL BE QUALIFIED AND EXPERIENCED WITH INSPECTION OF WELDS PERFORMED BY THESE PROCESSES. PRIOR TO COMMENCEMENT OF JOIST REINFORCING, CONTRACTOR SHALL PREPARE A MOCK UP FOR INSPECTION AND APPROVAL BY THE CERTIFIED WELDING INSPECTOR BY JOINING TWO 5"x5"x1/8" PLATES WITH A 1/8" FILLET WELD AND ATTACHING A 5/8" DIA x 5" LONG ROD TO ONE PLATE WITH 2" LONG FLARE BEVEL.
- C. IF EXISTING JOIST BRIDGING INTERFERES WITH INSTALLATION OF REINFORCING, REMOVE BRIDGING AND REPLACE IMMEDIATELY UPON COMPLETION OF REINFORCING INSTALLATION. IF BRIDGING TABS FOR BOLTED BRIDGING INTERFERE WITH INSTALLATION OF REINFORCING, REMOVE TABS AND REPLACE IMMEDIATELY UPON COMPLETION OF REINFORCING INSTALLATION. NEW CONNECTIONS SHALL MATCH EXISTING.
- D. STEEL ERECTOR SHALL FIELD CUT REINFORCEMENT TO FIT FROM STOCK LENGTHS. WEB REINF SHALL BE INSTALLED AS ONE PIECE AND NOT SPLICED AT ANY POINT ALONG THE LENGTH. REINFORCEMENT SHALL MEET THE STRUCTURAL STEEL REQUIREMENTS IN THE GENERAL NOTES ON SHEET S0.001.
- E. CONTRACTOR TO INCLUDE IN BID, AN ADDITIONAL 18" TOTAL LENGTH OF 3/16" FILLET WELDS AT EACH JOIST TO BE REINFORCED FOR REQUIRED REPAIRS THAT RESULT FROM THE JOIST INSPECTIONS. THESE REPAIRS MAY INCLUDE, BUT ARE NOT LIMITED TO WEB TO CHORD WELDS, BRIDGING WELDS, JOIST TO SUPPORT WELDS, OR ANY OTHER REPAIR WELDS REQUIRED BASED ON THE EXISTING JOIST INSPECTIONS.
- F. WHERE REQUIRED AREA OF WEB REINFORCING EXTENDS THROUGH THE JOIST SEAT, AND THE JOIST SEAT BEARS WITHIN AN EXISTING WALL, REMOVE CMU AND GROUT AS REQUIRED FOR INSTALLATION OF REINFORCING. ONCE THE REINFORCING HAS BEEN INSTALLED AND INSPECTED, REPLACE/REPAIR THE CMU AND GROUT TO MATCH EXISTING CONDITION PRIOR TO REMOVAL.
- G. REMOVE ALL PAINT AND DEBRIS FROM EXISTING JOIST AT LOCATIONS OF NEW WELDS FOR JOIST REINFORCING PRIOR TO INSTALLATION OF JOIST REINFORCING.
- H. ALL JOIST REINFORCING SHALL BE INSTALLED AND INSPECTED BEFORE APPLYING NEW LOADS. (I.E. RTU'S, BULKHEADS, FANS AND OTHER ROOF SUPPORTED ITEMS).
- I. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF EXISTING BUILDING ELEMENTS THAT PREVENT ACCESS TO INSTALL JOIST REINFORCING, INCLUDING SUSPENDED CEILINGS, DUCTWORK, RTU PLENUMS, LARGE PIPING, ETC.
- J. PRIOR TO INSTALLATION OF JOIST REINFORCING, CONTRACTOR SHALL REMOVE ALL LIVE LOADS FROM JOISTS TO BE REINFORCED. THIS INCLUDES BUT IS NOT LIMITED TO PONDED WATER, ICE, SNOW (REMOVE SNOW TO EXPOSE ROOFING MATERIAL), STAGED CONSTRUCTION MATERIALS/EQUIPMENT, ETC.
- K. PRIOR TO INSTALLATION OF JOIST REINFORCING, CONTRACTOR SHALL SURVEY EXISTING JOISTS TO BE REINFORCED FOR EXISTING DAMAGE OR REPAIRS. ANY JOIST DAMAGE FOUND SHALL BE CORRECTED BEFORE INSTALLATION OF REINFORCING. CONTACT ENGINEER OF RECORD FOR REQUIRED JOIST REPAIRS AT EXISTING DAMAGE AND/OR FOR DIRECTION REGARDING NEW REINFORCING AT EXISTING REPAIRS.

JOIST REINFORCEMENT SCHEDULE

JOIST REINFORCEMENT DESIGNATION, RE: SHEET S2.2	CHORD REINF.	CHORD REINF.			WEB REINF.	WEB REINF.			SPAN	GRID "X"	GRID "Y"	NOTES
		"A"	"B"	"C"		"D"	"E"	"F"				
JRK1	1/2" DIA. ROD OR PL3/8"x1"	18'	14'	18'	3/8" DIA. ROD OR L1x1x3/16	19'	12'	19'	50'	1	2	1,2,4
JRK2	5/8" DIA. ROD OR PL1/2"x1"	14'	20'	16'	1/2" DIA. ROD OR L1x1x1/4	12'	18'	20'	50'	1	2	1,2,4

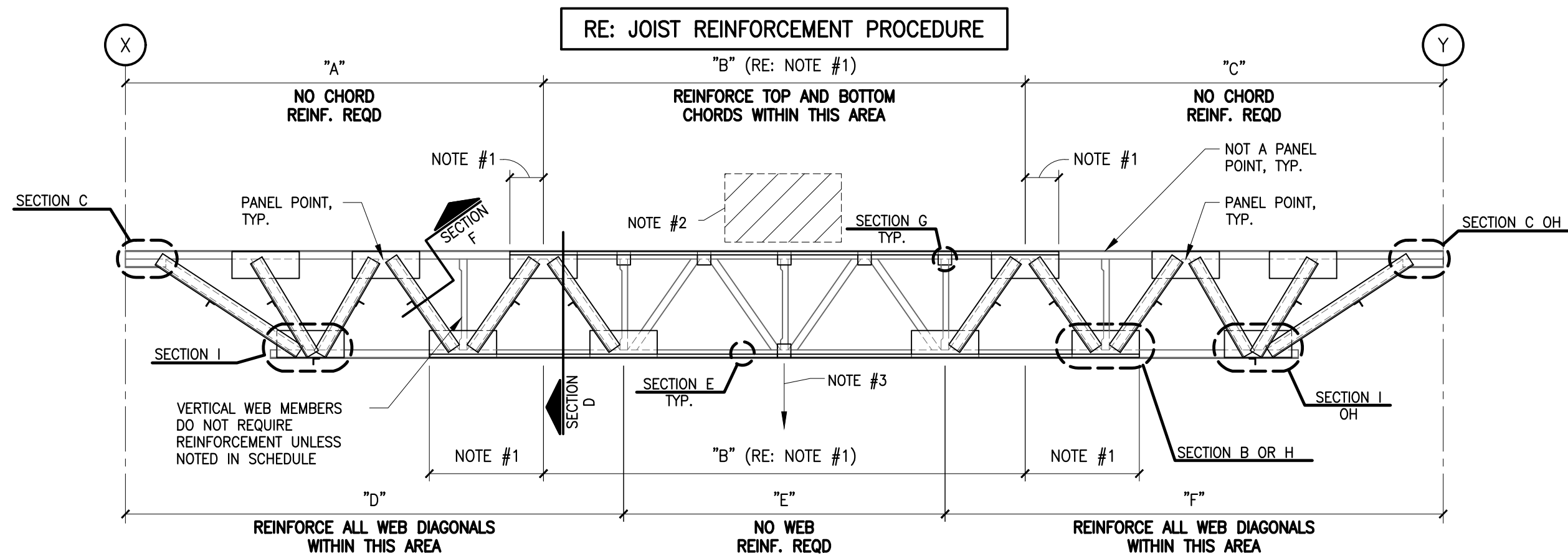
NOTES:

1. DIMENSION "B" IS THE MINIMUM REQUIRED LENGTH OF TOP AND BOTTOM CHORD REINFORCEMENT. FIELD VERIFY PANEL POINT LOCATIONS AND EXTEND TOP AND BOTTOM CHORD REINF. TO OUTER EDGE OF STEEL PLATE AT PANEL POINT.
2. RE: PLAN FOR NEW EQUIPMENT, RE: 1/4.0 FOR ADDITIONAL REINFORCEMENT. DO NOT SET EQUIPMENT UNTIL ALL REINF. IS IN PLACE AND INSPECTED.
3. RE: ARCH FOR EXACT LOCATION OF SOFFITS AND MECH EQUIPMENT THAT WILL CAUSE CONCENTRATED LOADS IN EXCESS OF 100 LBS. RE: 2/4.0 FOR ADDITIONAL REINFORCEMENT AT CONCENTRATED LOADS.
4. REINFORCEMENT SHALL BE WELDED AT 12" O.C. ALONG LENGTH, RE: SECTION F



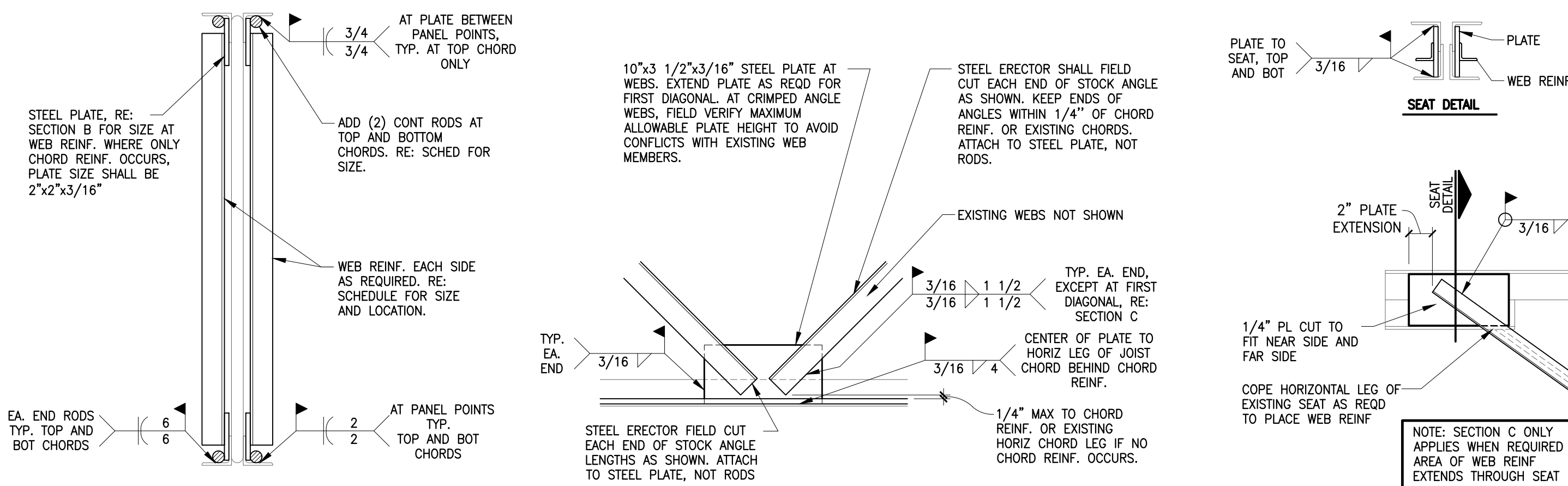
JOIST ELEVATION WITH ROD WEBS

(NOTE: DIAGRAM IS GENERIC AND ACTUAL NUMBER OF WEBS TO BE REINFORCED IS NOT ACCURATELY SHOWN. ACTUAL NUMBER OF WEB MEMBERS TO BE REINFORCED SHALL BE DETERMINED BASED ON THE LENGTHS SHOWN IN THE JOIST REINFORCEMENT SCHEDULE)



JOIST ELEVATION WITH ANGLE WEBS

(NOTE: DIAGRAM IS GENERIC AND ACTUAL NUMBER OF WEBS TO BE REINFORCED IS NOT ACCURATELY SHOWN. ACTUAL NUMBER OF WEB MEMBERS TO BE REINFORCED SHALL BE DETERMINED BASED ON THE LENGTHS SHOWN IN THE JOIST REINFORCEMENT SCHEDULE)

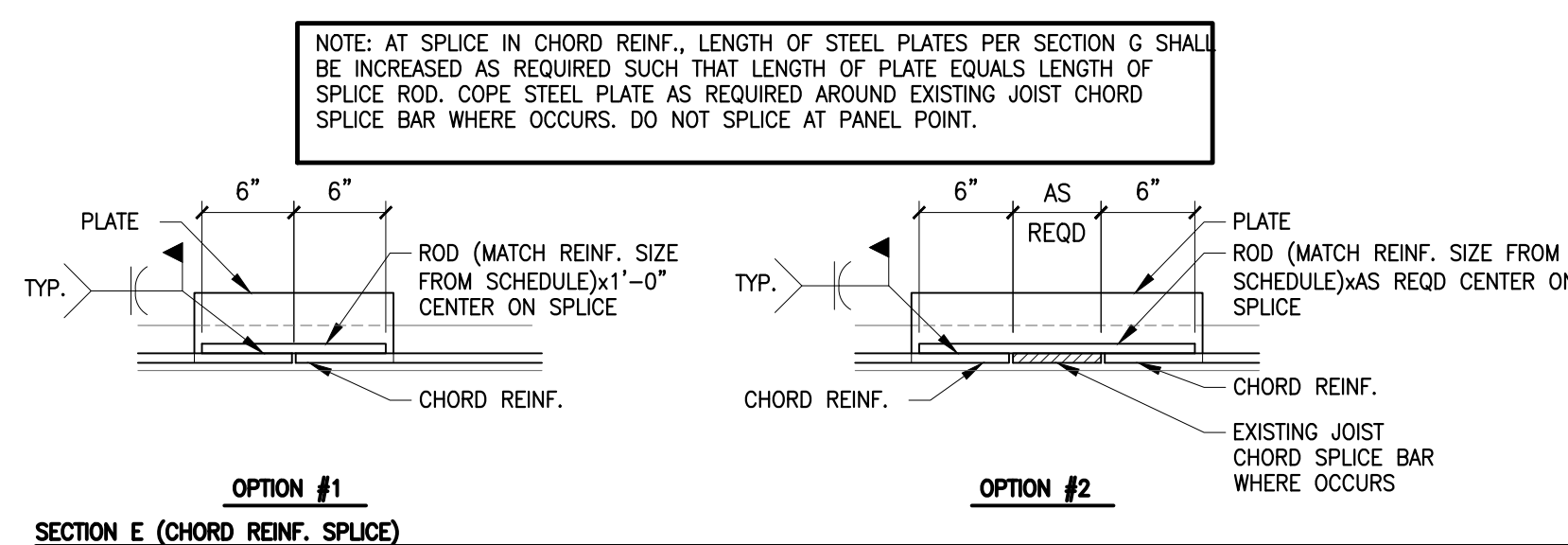


SECTION A -- (K-SERIES ROD WEB)

SECTION B -- (K-SERIES)

SECTION C -- (K-SERIES)

SECTION D -- (K-SERIES ANGLE WEB)



OPTION #1

OPTION #2

OPTION #1 -- ROD WEB

OPTION #2 -- ANGLE WEB

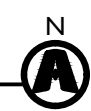
OPTION #3 -- DBL ANGLE

SECTION G -- SPACER PLATES AT CHORD REINF.

JOIST REINFORCEMENT DETAIL -- (K-SERIES)

3/4" = 1'-0"

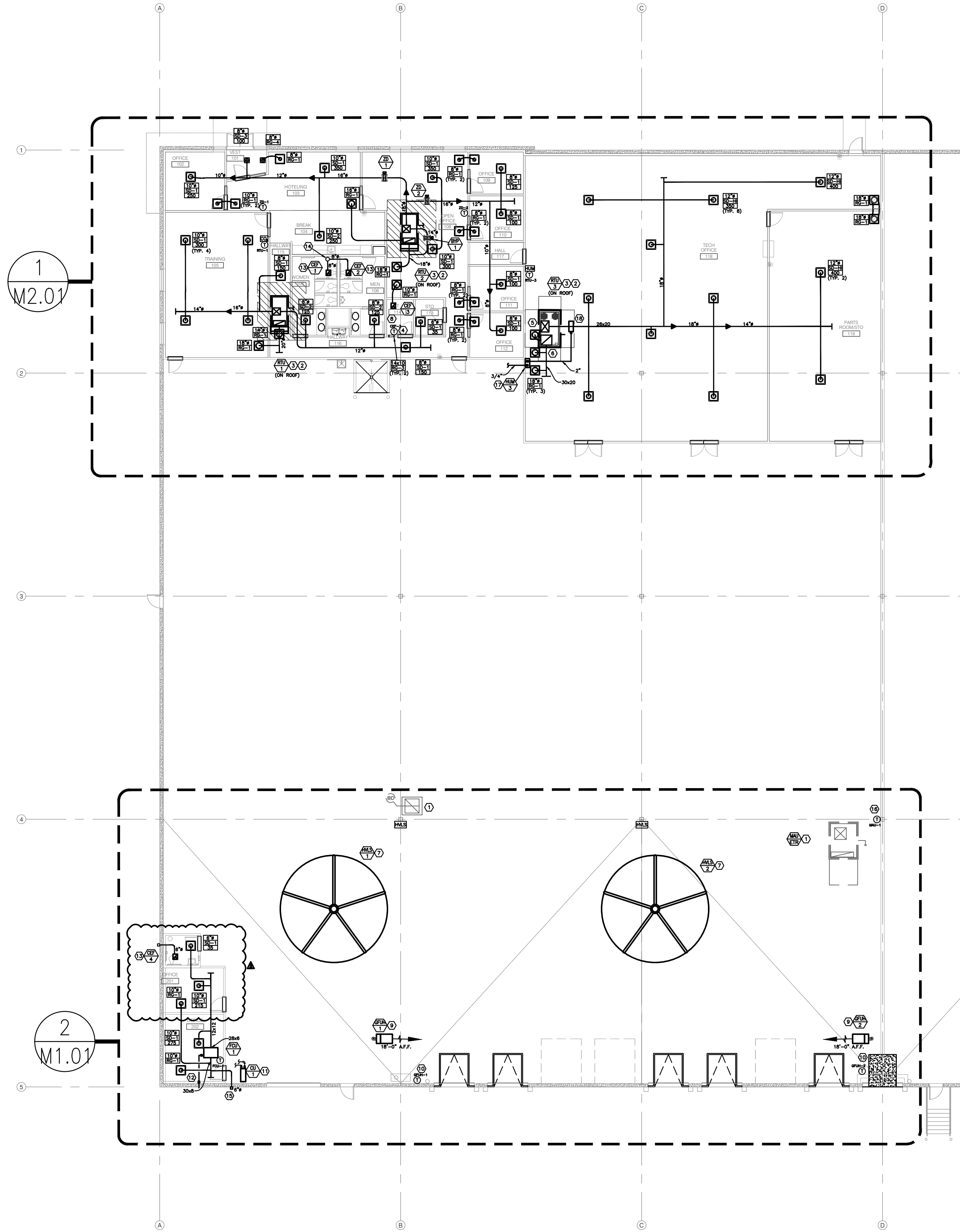
(NOTE: DIAGRAM IS GENERIC AND ACTUAL NUMBER OF WEBS TO BE REINFORCED IS NOT ACCURATELY SHOWN. ACTUAL NUMBER OF WEB MEMBERS TO BE REINFORCED SHALL BE DETERMINED BASED ON THE LENGTHS SHOWN IN THE JOIST REINFORCEMENT SCHEDULE)





3315 N Oak Trafficway | Kansas City, MO 64116
816 | 888 | 7380
NP Studio North, LLC
Missouri Certificate of Authorization No. A-2017040040

PLUMBING	DESIGN-BUILD BY GEN CONTRACTOR
MECHANICAL	DESIGN-BUILD BY GEN CONTRACTOR
ELECTRICAL	DESIGN-BUILD BY GEN CONTRACTOR
FIRE PROTECTION	DESIGN-BUILD BY GEN CONTRACTOR
CONTRACTOR	FORGE CONSTRUCTION



1 OVERALL MECHANICAL PLAN
M1.01 SCALE : 1/16" = 1'-0"

MECHANICAL GENERAL NOTES:

- ALL MECHANICAL DUCTWORK SHALL BE GALVANIZED STEEL CONSTRUCTED ACCORDING TO SMACNA STANDARDS.
- ALL SUPPLY AIR AND RETURN AIR DUCTWORK SHALL BE EXTERNALLY INSULATED WITH 2" THICK, 3/4 LB DENSITY FIBERGLASS DUCT WRAP. ALL EXHAUST AIR DUCTWORK TO BE UN-INSULATED.
- HVAC CONTRACTOR WILL CHECK EACH SYSTEM FOR PROPER OPERATION.
- HVAC CONTRACTOR SHALL HAVE AN INDEPENDENT CONTRACTOR TO TEST & BALANCE HVAC SYSTEM TO THE PROPER AIRFLOWS AND STATIC PRESSURES. A COPY OF THE BALANCING REPORT WILL BE SUBMITTED TO THE OWNER UPON COMPLETION. AIR TO (+/-) 10% - WATER TO (+/-) 5%.
- FLEXIBLE RUN-OUTS TO BE U.L. LISTED AND HAVE A MAXIMUM LENGTH OF 8'-0". DUCT RUNS TO BE SAME SIZE AS DIFFUSER NECK SIZE SHOWN.
- AIR HANDLING UNITS SUPPLYING 2,000 CFM OR MORE SHALL HAVE A SMOKE DETECTOR INSTALLED IN THE RETURN AIR DUCTWORK. THE SMOKE DETECTOR SHALL BE INTERLOCKED TO SHUT DOWN ALL SUPPLY FANS UPON ALARM.
- MAINTAIN MINIMUM 10'-0" FROM ALL PLUMBING VENTS AND EXHAUST VENTS TO ALL OUTSIDE AIR INTAKES.
- DO NOT INSTALL PIPING OR DUCTWORK OVER ELECTRICAL PANELS.

MECHANICAL PLAN NOTES:

- EXISTING SHELL BUILDING EQUIPMENT TO REMAIN AS CURRENTLY INSTALLED.
- ROUTE CONDENSATE PIPING TO DISCHARGE ON ROOF. (TYP ALL RTU'S)
- COORDINATE LOCATION OF RTU WITH FIRE SUPPRESSION PIPING AND STRUCTURE. PROVIDE INTERNALLY LINED SUPPLY AIR RETURN AIR DUCT DROP THRU ROOF. TRANSITION SUPPLY AIR AND RETURN AIR DUCTWORK BELOW ROOF DECK TO DUCTWORK AS SHOWN/NOTED AND PROVIDE WITH EXTERNAL DUCT INSULATION PER GENERAL NOTES.
- LINE VOLTAGE THERMOSTAT FOR CEILING EXHAUST FAN CONTROL. THERMOSTAT TO BE INSTALLED BY ELECTRICIAN.
- TRANSITION SUPPLY AIR FROM CURB OPENING TO 26x20 BELOW ROOF.
- TRANSITION RETURN AIR FROM CURB OPENING TO 30x20 BELOW ROOF.
- HVLS FAN CONTROLLER TO BE INSTALLED ON ADJACENT COLUMN. ALL CONDUIT, CONTROLS AND WIRING BY OTHERS. COORDINATE EXACT LOCATION OF HVLS FANS WITH FIRE SUPPRESSION PIPING AND WAREHOUSE LIGHTING. HVLS FANS TO BE INSTALLED PER NFPA GUIDELINES AND BE INTERLOCKED WITH FIRE ALARM TO SHUT DOWN UPON SIGNAL. ASSOCIATED INTERLOCK WIRING BY FIRE ALARM CONTRACTOR.
- RTU ZONE CONTROLLER LOCATION. PROVIDE WITH REQUIRED 120V POWER.
- GAS-FIRED UNIT HEATER FLUE THRU ROOF. VERIFY SIZING WITH EQUIPMENT MANUFACTURER. MAINTAIN A MINIMUM OF 10'-0" FROM EDGE OF ROOF. 5" FLUE FOR LENNOX MODEL LF25-200 MBH. INSTALL AT 18'-0" A.F.F.
- PROVIDE WITH WALL MOUNTED, HEATING ONLY THERMOSTAT MOUNTED ON WALL AT 4'-0" A.F.F. COORDINATE FINAL LOCATION WITH TENANT.
- PROVIDE WALL BRACKET FOR INSTALLATION OF CONDENSING UNIT. PROVIDE WITH DRIP PAN.
- ROUTE CONDENSATE THRU EXTERIOR WALL AND SPLASH ON GRADE.
- CEILING MOUNTED EXHAUST AIR FAN TO BE INTERLOCKED WITH RESTROOM LIGHT SWITCH. (BY OTHERS)
- 10" EXHAUST AIR DUCTWORK UP THRU ROOF WITH WEATHERCAP. MAINTAIN A MINIMUM OF 10'-0" AWAY FROM OUTSIDE AIR INTAKES.
- PROVIDE 6" OUTSIDE AIR THRU WALL WITH WEATHERCAP. WALL CORING BY OTHERS.
- RELOCATE EXISTING MAU CONTROLLER AS REQUIRED.
- PROVIDE ELECTRIC STEAM GENERATING HUMIDIFIER. MOUNT ON WALL AT 2'-0" BELOW CEILING LEVEL TO TOP OF HUMIDIFIER. ROUTE STEAM PIPING TO DUCT MOUNTED STEAM MANIFOLD. PROVIDE DRAIN FROM HUMIDIFIER TO FLOOR DRAIN PROVIDED BY PLUMBER. PROVIDE 1/2" DOMESTIC WATER CONNECTION AND BACKFLOW AS REQUIRED. (BY OTHERS) PROVIDE 2" STEAM LINE FROM HUMIDIFIER TO DUCT MOUNTED DISPERSION TUBE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUBMITTAL.
- PROVIDE DUCT MOUNTED STEAM DISPERSION MANIFOLD. CONNECT TO STEAM AND PROVIDE CONDENSATE AS REQUIRED.
- PROVIDE 6" EXHAUST AIR THRU WALL WITH WEATHERCAP. WALL CORING BY OTHERS.

LEGEND

- SD-1 SUPPLY AIR DIFFUSER - AS SCHEDULED
- RG-1 RETURN AIR GRILLE - AS SCHEDULED
- RG-2 RETURN AIR GRILLE - AS SCHEDULED
- EX-1 EXHAUST AIR GRILLE - AS SCHEDULED
- EX-2 EXHAUST AIR GRILLE - AS SCHEDULED
- THERMOSTAT OR ZONE DAMPER WITH ZONE/UNIT DESIGNATION. MOUNT AT 48" A.F.F.
- EPIC COLOSSUS INDUSTRIAL (OR EQUAL) 24'-0" HVLS FAN. 2 HP @ 460/3 PHASE. MINIMUM OF 6-BLADES. PROVIDE WITH HANGING KIT AND STAND-ALONE UNIT CONTROLLER. (TYP. 2)
- BYPASS DAMPER FOR DUCT STATIC PRESSURE CONTROL. PROVIDE WITH 120/24 V TRANSFORMER AND DUCT MOUNTED STATIC PRESSURE SENSOR. BYPASS DAMPER TO BE 14".
- THERMOSTATIC ZONE DAMPER. PROVIDE WITH 120/24 V TRANSFORMER, DUCT MOUNTED TEMPERATURE SENSOR AND WALL MOUNTED THERMOSTAT. DAMPER TO BE SIZED AS NOTED
- LENNOX (OR EQUAL) GAS FIRED UNIT HEATER LF25-200A-1 120V/1 PHASE, 7 AMPS, 15 AMP MOP, 200 MBH, 200LES. PROVIDE WITH HANGING KIT, HEATING ONLY THERMOSTAT AND 5" FLUE THRU ROOF.
- CARBON DIOXIDE SENSOR - MOUNT IN RETURN OR WALL AS SHOWN
- ETR EXISTING TO REMAIN

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MetroAir
H&R BLOCK TI
1220 NW MAIN ST. - LEE'S SUMMIT, MO
SCALE: AS NOTED DATE: 5/13/24 DRAWN BY: M.D.K.
APPROVED BY: G.M.M. DWG # M1 OF 3

TENANT IMPROVEMENTS FOR:

H&R BLOCK DEPOT

1220 NW Main St
Lee's Summit, MO 64086

Project No.	2024-032	
Date:	05.13.24	
Issued For:	Permit Submittal	
Drawn By:	MDK	
Reviewed By:	GMM	
Revisions:		
No.	Date	Description
Δ	6/24/24	ASI #2



M1.01
MECHANICAL PLAN

PLUMBING	DESIGN-BUILD BY GEN CONTRACTOR
MECHANICAL	DESIGN-BUILD BY GEN CONTRACTOR
ELECTRICAL	DESIGN-BUILD BY GEN CONTRACTOR
FIRE PROTECTION	DESIGN-BUILD BY GEN CONTRACTOR
CONTRACTOR	FORGE CONSTRUCTION

- MECHANICAL PLAN NOTES:**
- EXISTING SHELL BUILDING EQUIPMENT TO REMAIN AS CURRENTLY INSTALLED.
 - ROUTE CONDENSATE PIPING TO DISCHARGE ON ROOF. (TYP ALL RTU'S)
 - COORDINATE LOCATION OF RTU WITH FIRE SUPPRESSION PIPING AND STRUCTURE. PROVIDE INTERNALLY LINED SUPPLY AIR RETURN AIR DUCT DROP THRU ROOF. TRANSITION SUPPLY AIR AND RETURN AIR DUCTWORK BELOW ROOF DECK TO DUCTWORK AS SHOWN/NOTED AND PROVIDE WITH EXTERNAL DUCT INSULATION PER GENERAL NOTES.
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 - RTU ZONE CONTROLLER LOCATION. PROVIDE WITH REQUIRED 120V POWER.
 - GAS-FIRED UNIT HEATER FLUE THRU ROOF. VERIFY SIZING WITH EQUIPMENT MANUFACTURER. MAINTAIN A MINIMUM OF 10'-0" FROM EDGE OF ROOF. 5" FLUE FOR LENNOX MODEL LF25-200 MBH. INSTALL AT 18'-0" A.F.F.
 - PROVIDE WITH WALL MOUNTED, HEATING ONLY THERMOSTAT MOUNTED ON WALL AT 4'-0" A.F.F. COORDINATE FINAL LOCATION WITH TENANT.
 - PROVIDE WALL BRACKET FOR INSTALLATION OF CONDENSING UNIT. PROVIDE WITH DRIP PAN.
 - ROUTE CONDENSATE THRU EXTERIOR WALL AND SPLASH ON GRADE.
 - CEILING MOUNTED EXHAUST AIR FAN TO BE INTERLOCKED WITH RESTROOM LIGHT SWITCH. (BY OTHERS)
 - 10" EXHAUST AIR DUCTWORK UP THRU ROOF WITH WEATHERCAP. MAINTAIN A MINIMUM OF 10'-0" AWAY FROM OUTSIDE AIR INTAKES.
 - PROVIDE 6" OUTSIDE AIR THRU WALL WITH WEATHERCAP. WALL CORING BY OTHERS.
 - RELOCATE EXISTING MAU CONTROLLER AS REQUIRED.
 - PROVIDE ELECTRIC STEAM GENERATING HUMIDIFIER. MOUNT ON WALL AT 2'-0" BELOW CEILING LEVEL TO TOP OF HUMIDIFIER. ROUTE STEAM PIPING TO DUCT MOUNTED STEAM MANIFOLD. PROVIDE DRAIN FROM HUMIDIFIER TO FLOOR DRAIN PROVIDED BY PLUMBER. PROVIDE 1/2" DOMESTIC WATER CONNECTION AND BACKFLOW AS REQUIRED. (BY OTHERS) PROVIDE 2" STEAM LINE FROM HUMIDIFIER TO DUCT MOUNTED DISPERSION TUBE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUBMITTAL.
 - PROVIDE DUCT MOUNTED STEAM DISPERSION MANIFOLD. CONNECT TO STEAM AND PROVIDE CONDENSATE AS REQUIRED.
 - PROVIDE 6" EXHAUST AIR THRU WALL WITH WEATHERCAP. WALL CORING BY OTHERS.

1 DETAIL MECHANICAL PLAN

M2.01 SCALE : 1/8" = 1'-0"

TENANT IMPROVEMENTS FOR:

H&R BLOCK
DEPOT

1220 NW Main St
Lee's Summit, MO 64086

Project No. 2024-032
Date: 05.13.24
Issued For: Permit Submittal
Drawn By: MDK
Reviewed By: GMM

Revisions:	No.	Date	Description
	1	6/24/24	ASI #2

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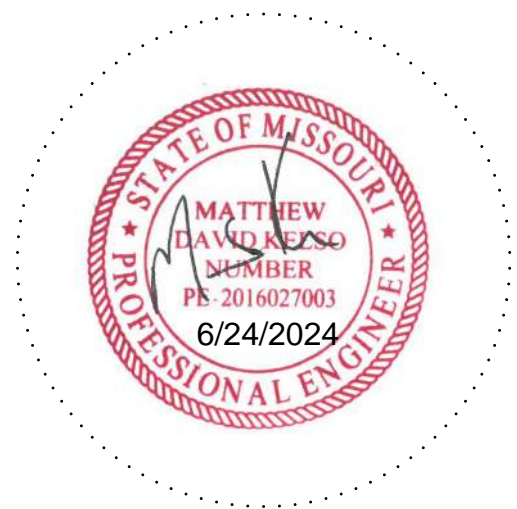
MetroAir

H&R BLOCK TI

1220 NW MAIN ST. - LEE'S SUMMIT, MO

SCALE: AS NOTED DATE: 5/13/24 DRAWN BY: M.D.K.

APPROVED BY: G.M.M. DWG # M2 OF 3



M2.01
MECHANICAL PLAN

C:\USERS\NATHAN\METRO AIR\PROJECTS - METRO AIR JOBS\2024\SECURED PROJECTS\34-11245 - K-HR BLOCK TI\MECH.DWG - 6/24/2024 12:41:17 PM - MKK

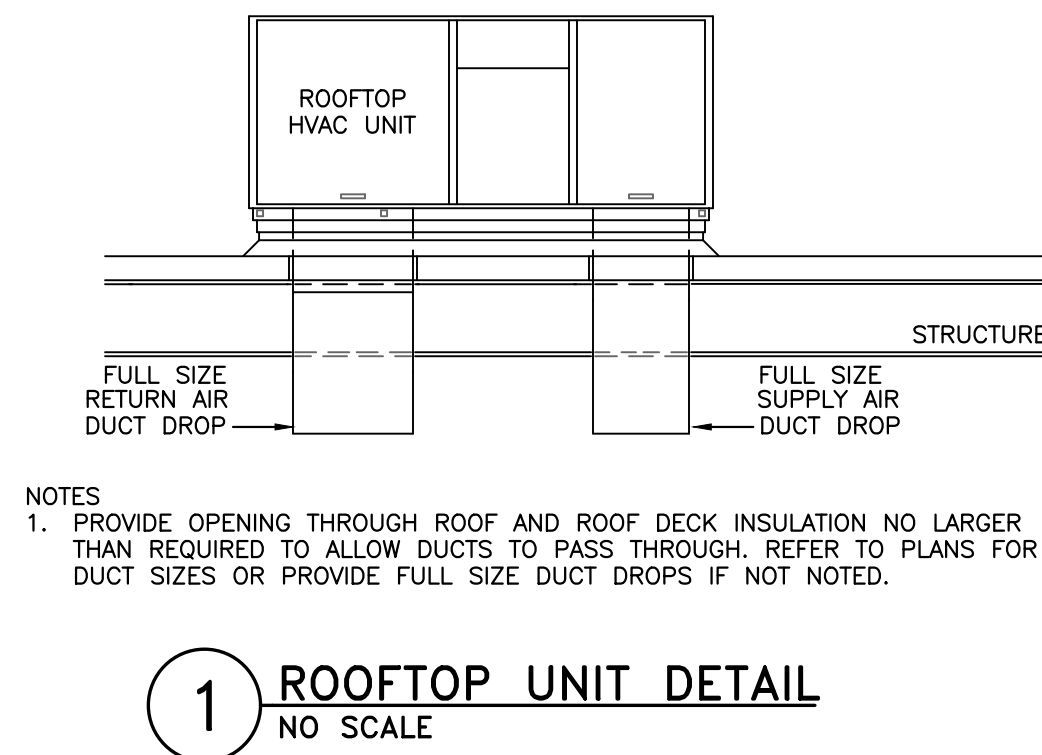
SECTION 1500 - MECHANICAL GENERAL PROVISIONS

- 1.1 DESCRIPTION:
- A. Division 15 shall be governed by all applicable provisions of the Contract Documents. The Mechanical Contractor shall furnish, install and connect all materials, equipment, apparatus, mechanical systems and incidentals required for complete and working installation. The Contractor shall supply all necessary labor, equipment, tools, insurance, taxes services; and The Contractor shall assume full responsibility for all obligations associated with completion of mechanical work as provided by the Contract Documents.
- 1.2 STANDARDS, REGULATIONS AND CODES:
- A. The work shall comply with the edition of the applicable standards, regulations and codes currently in force of all State and local authorities having jurisdiction. Where quantities, sizes, or other requirements indicated on the drawings or herein specified are in excess of the standard or code requirements, the specifications and/or drawings shall govern. In the absence of other applicable local codes, acceptable to the Architect/Engineer, the Uniform Plumbing and Mechanical Codes shall apply to this work.
- B. The Contractor shall comply with rules and regulations of public utilities and municipal departments affected by connections of services. The Contractor shall pay all fees associated with them.
- C. The Mechanical Contractor shall be licensed to perform mechanical work in the municipality in which the project is located.
- D. All products and types of construction shall meet or exceed the latest edition of applicable standards of manufacturer, testing, performance and installation.
- 1.3 LOCAL CONDITIONS:
- A. The Contractor shall carefully examine the local conditions and existing installations and shall thoroughly familiarize himself with all existing conditions which may affect his work. The Contractor shall locate all existing utilities and protect them during the execution of the work.
- B. The Contractor shall examine the Architectural, Mechanical and Electrical Drawings and Specifications to familiarize himself with the type of construction, materials, and equipment to be used for all work and how it will affect the installation of his contract.
- 1.4 CUTTING AND PATCHING:
- A. All necessary cutting, drilling and patching shall be provided by this Contractor. Structural members shall not be disturbed without prior approval of the Architect. All areas disturbed by work performed under this Contract shall be neatly repaired and refinished to the condition of adjoining surfaces in a manner suitable to the Architect.
- 1.5 OPERATION DURING CONSTRUCTION:
- A. Mechanical equipment shall not be used during construction unless instructed by the General Contractor. The mechanical contractor is responsible for the installation and operation, service and maintenance of all new equipment during construction and prior to acceptance by the Owner of the completed project at additional costs to the GC and/or owner.
- B. Warranty periods shall not commence until final acceptance by the Owner/Substantial Completion.
- 1.6 SAFETY REGULATIONS:
- A. All Mechanical work shall be performed in compliance with all applicable governing safety regulations, including OSHA regulations. Provide safety lights, guards and signs required.
- 1.7 HOUSEKEEPING:
- A. The Contractor shall be responsible for keeping stocks of material and equipment stored on the premises in a neat and orderly manner.
- B. The Contractor shall clean and maintain his portion of the work as specified in the General Conditions.
- C. The Contractor shall remove from the premises all waste material present as a result of his work.
- 1.8 GRAPHIC REPRESENTATION AND JOB CONDITIONS:
- A. The drawings shall serve as working drawings for the general layout of the various items of equipment; are diagrammatic unless specifically dimensioned; and do not necessarily indicate every required item.
- B. The Architectural drawings take precedence over the mechanical drawings in the representation of the general construction work.
- C. Arrange work in a neat, well organized manner. Coordinate work with other trades involved.
- 1.9 QUARANTEES:
- A. The Contractor shall guarantee all work performed and materials and equipment furnished under this contract, against defects in materials and workmanship for a period of one year from the Date of the Owner's Final Acceptance of the Work, or as noted in each section.
- 1.10 MOTORS AND CONTROLS:
- A. All motors furnished under this specification shall be recognized manufacturer, of adequate capacity for the loads involved. All motors shall conform to the standards of manufacturer and performance of the National Electrical Manufacturers Association as shown in their latest publications.
- 1.11 PIPING IN ELECTRICAL ROOMS:
- A. No piping except specifically noted otherwise will be permitted in electrical rooms. In rooms, where piping is indicated over electrical equipment, a suitable galvanized steel metal pan or gutter piped to the drainage system shall be provided.

END OF SECTION
SECTION 15100 - HEATING, VENTILATION AND AIR CONDITIONING

- 1.1 SCOPE:
- A. The work included under this contract consists of providing all labor, materials, tools, transportation, services, etc., necessary to complete the installation of the heating, ventilating, and air conditioning systems and other items herein listed and as described in these specifications, as illustrated in the accompanying drawings or as directed by the Architect.
- 1.2 SHEET METAL:
- A. Provide ductwork shown with necessary dampers. Construction of new galvanized prime grade steel sheets per ASHRAE and SMACNA Standards. Provide round or rectangular duct as indicated. Fabricate for the pressure and SMACNA seal class required.
- B. Flexible duct shall be Wiremesh VCK or acceptable equal maximum length shall be 8' - 0" or as noted/detailed.
- C. All duct sizes shown are actual size and include liner, where required.
- 1.3 GRILLES, REGISTERS, INLETS AND OUTLETS:
- A. All supply grilles, registers and diffusers shall be as scheduled on the drawings and shall be ADC rated.
- 1.4 DUCTWORK ACCESSORIES:
- A. Provide single thickness turning vanes in all supply duct turns.
- B. Provide duct access doors for all internal mounted takeoffs.
- C. Provide 45° take-off fittings with volume damper for all round takeoffs to diffusers.
- D. Provide dampers where shown and required. Balance and control dampers shall be opposed blade except air mixing dampers shall be parallel blade.
- 1.5 AIR CONDITIONING UNITS:
- A. Air conditioning units shall be as scheduled. Units shall be standard catalogued products with the appropriate approval or certification by AGA, ARI and UL. Efficiencies shall conform to ASHRAE 90.1 standards.
- 1.6 FANS:
- A. Fans with accessories shall be as scheduled and shall be AMCA rated.
- 1.7 VIBRATION ISOLATION:
- A. Duct flexible connection shall be non-combustible, 16 ounce canvas. Piping flexible connection shall be Flexonics 401H or acceptable equal.
- 1.8 MISCELLANEOUS MECHANICAL EQUIPMENT:
- A. Provide constant, variable volume and/or fan powered boxes and accessories as scheduled. Acceptable manufacturers are E.H. Price or acceptable equal.
- 1.9 CLEANING:
- A. Clean system by operating at least three hours prior to final acceptance with temporary filters. Remove all filters and replace with clean.
- B. Use precleaned precharged refrigerant tube. Clean per manufacturers recommendations.
- 1.10 TESTING AND ADJUSTING:
- A. Contractor shall operate and test the air conditioning and ventilation systems and instruct the Owner in its operation. Perform a series of general capacity and operating tests. The tests shall demonstrate the specified capacities of various pieces of equipment.

END OF SECTION



1 ROOFTOP UNIT DETAIL
NO SCALE

EXHAUST FAN (CEF-1 AND CEF-2)

1. CONTROL:
THE EXHAUST FAN SHALL INTERLOCKED WITH WALL MOUNTED LIGHT SWITCH BY OTHERS.

ROOFTOP UNIT - CONSTANT VOLUME WITH SINGLE SETPOINT CONTROL (ALL RTU/S)

1. DESCRIPTION:
EACH SINGLE-ZONE PACKAGED ROOFTOP UNIT (RTU) WILL BE PROVIDED AS IDENTIFIED ON THE EQUIPMENT SCHEDULES. WITH DIRECT EXPANSION COOLING COIL, GAS HEAT, SINGLE-SPEED SUPPLY FAN, 2" FILTERS, ECONOMIZER, BAROMETRIC RELIEF-ECONOMIZERS SHALL BE 0-100% FULLY MODULATING WITH ENTHALPY CONTROL.

2. CONTROL:
EACH UNIT SHALL BE FURNISHED WITH A THERMOSTAT TO BE INSTALLED IN THE SPACE. THE OCCUPANCY MODE SHALL BE DETERMINED THROUGH A USER-ADJUSTABLE PROGRAMMABLE SCHEDULE WITH OR WITHOUT USER OVERRIDE BUTTON ON THE THERMOSTAT.

3. SUPPLY AIR FAN:
THE FAN MODE SHALL BE SELECTABLE FOR AUTO OR ON. WHEN AUTO IS SELECTED DURING UN-OCCUPIED HOURS, THE FAN SHALL CYCLE ON AND OFF WITH HEATING OR COOLING. WHEN ON IS SELECTED DURING OCCUPIED HOURS, THE SUPPLY FAN SHALL OPERATE CONTINUOUSLY.

4. MECHANICAL COOLING:
EACH RTU SHALL CYCLE COOLING COMPRESSOR STAGES IN RESPONSE TO COOLING DEMAND FROM THE THERMOSTAT. THE SUPPLY FAN WILL BE ENERGIZED AUTO MODE AND STAGE COOLING CAPACITY TO MAINTAIN SPACE TEMPERATURE SETPOINT BASED ON FACTORY CONTROL SEQUENCES. THE SPACE COOLING TEMPERATURE SETPOINT SHALL BE ADJUSTABLE THRU THE PROGRAMMABLE THERMOSTAT.

5. GAS HEATING:
THE RTU SHALL CYCLE GAS HEATING STAGES IN RESPONSE TO HEATING DEMAND FROM THE THERMOSTAT. ON A CALL FOR HEATING FROM THE ZONE SENSOR, THE SUPPLY FAN WILL BE ENERGIZED AND THE BURNER SHALL BE ENERGIZED TO MAINTAIN SPACE TEMPERATURE. THE SPACE HEATING TEMPERATURE SETPOINT SHALL BE ADJUSTABLE THRU THE PROGRAMMABLE THERMOSTAT.

6. ECONOMIZER:
THE FACTORY RTU CONTROLLER WILL INDEX THE UNIT INTO ECONOMIZER MODE IF THE OUTDOOR AIR DRY BULB WET BULB IS BELOW THE SETPOINT WHEN ECONOMIZER MODE IS ENABLED. THE RETURN AND OUTSIDE AIR DAMPERS WILL MODULATE BETWEEN MINIMUM POSITION AND FULL OPEN AS NECESSARY TO MAINTAIN DISCHARGE AIR TEMPERATURE. THE RTU START-UP TECHNICIAN SHALL SET THE UNIT ECONOMIZER.

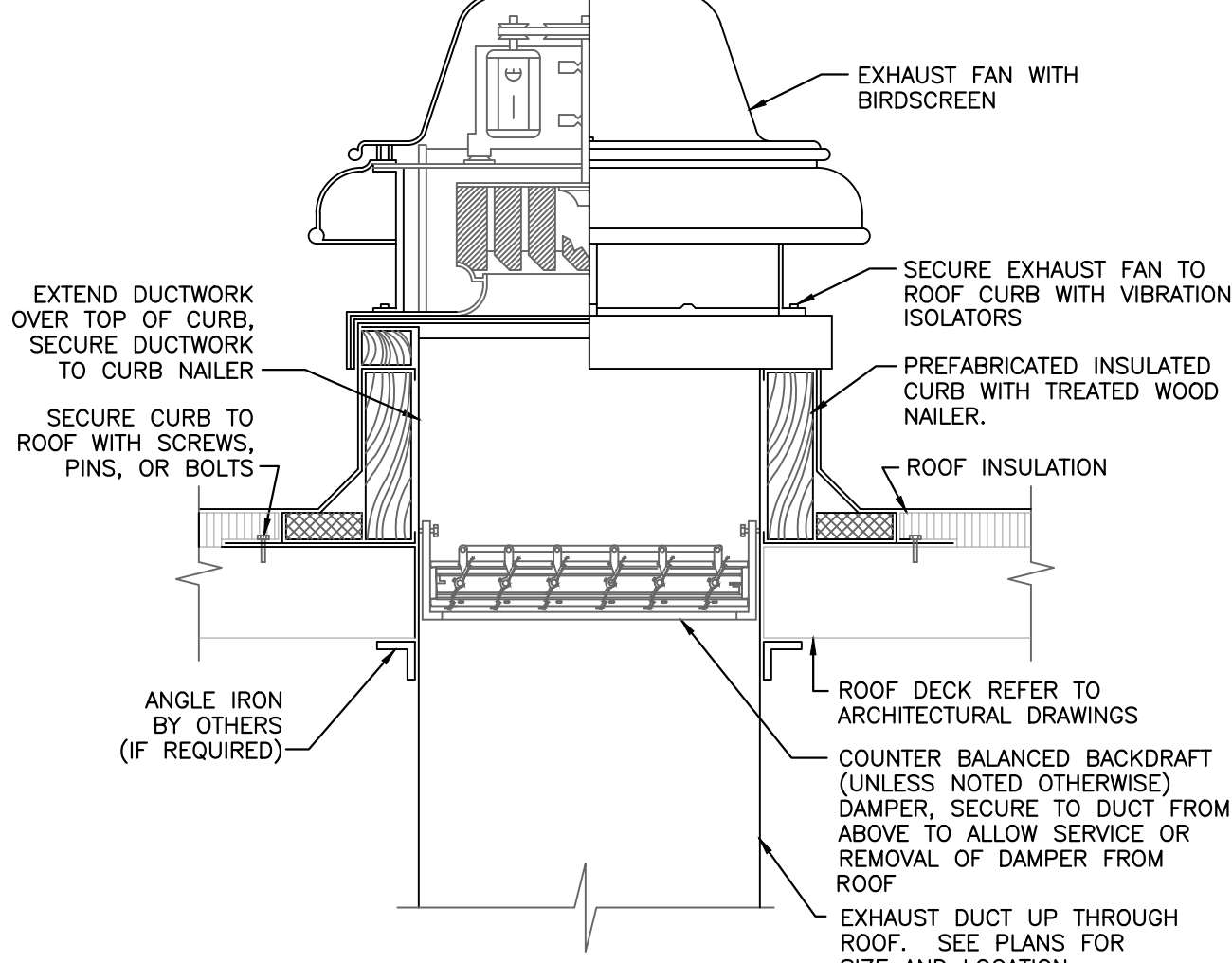
7. UNOCCUPIED MODE:
DURING UNOCCUPIED MODE, THE UNIT SHALL CONTROL TO THE UNOCCUPIED MODE SETBACK TEMPERATURE. IF THE UNOCCUPIED SETPOINT IS EXCEEDED, THE RTU SHALL HEAT OR COOL UNTIL THE ZONE TEMPERATURE IS WITHIN THE UNOCCUPIED SETPOINTS, PLUS OR MINUS AN OFFSET OF 6°F (ADJ.).

8. BAROMETRIC RELIEF DAMPER:
THE BAROMETRIC RELIEF DAMPER CONSISTS OF A GRAVITY DAMPER THAT WILL OPEN TO RELIEVE EXCESS AIR AS BUILDING PRESSURE INCREASES.

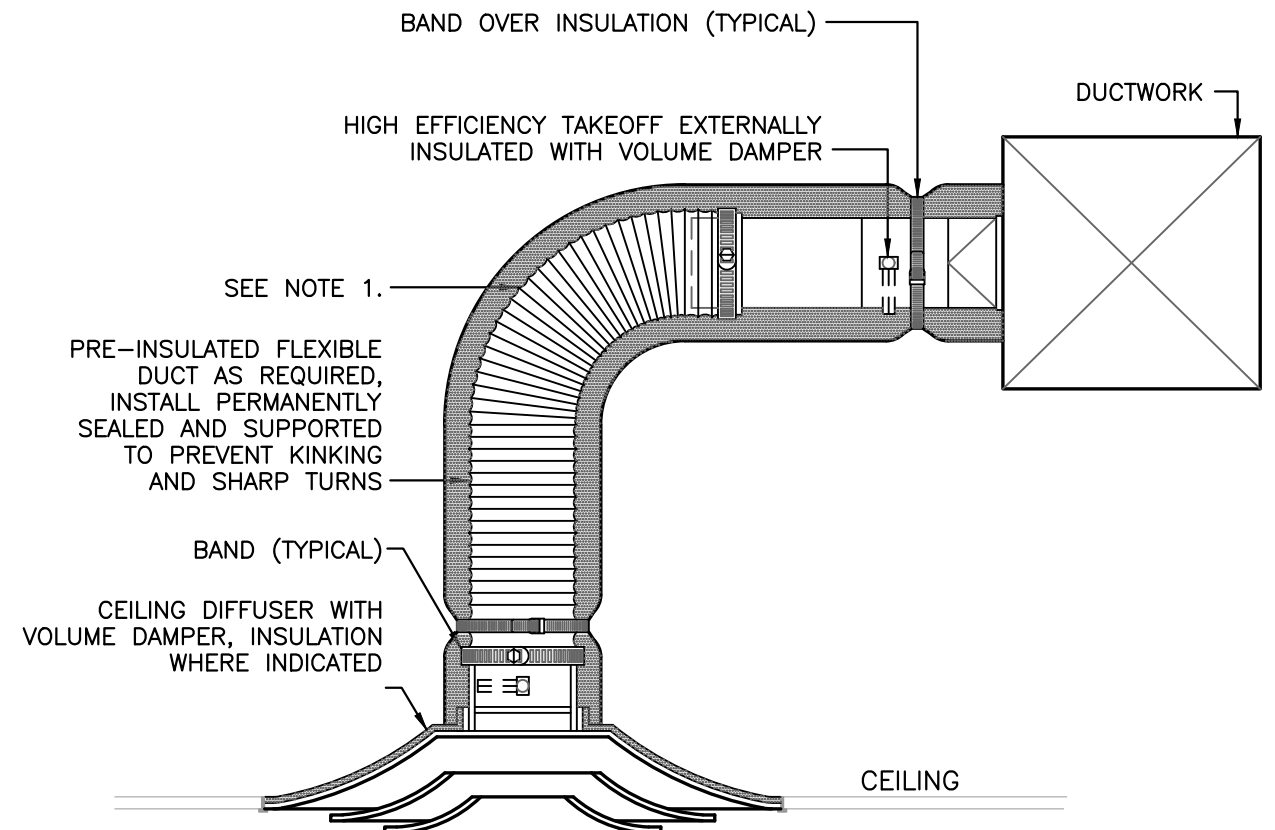
9. OUTSIDE AIR DAMPER:
WHEN UNIT IS NOT IN ECONOMIZER MODE AND THE SUPPLY FAN IS IN OPERATION, THE OUTDOOR AIR DAMPER SHALL MODULATE TO THE MINIMUM PER THE UNIT SCHEDULE DURING THE OCCUPIED MODE. THE OUTDOOR AIR DAMPER SHALL BE CLOSED WHEN THE SUPPLY FAN IS OFF.

10. SMOKE DETECTION CONTROL:
UPON DETECTION OF SMOKE FROM THE RETURN DUCT SMOKE DETECTOR (BY OTHERS), THE FANS WILL CYCLE OFF AND OUTDOOR AIR DAMPERS SHALL CLOSE. ONCE THE DETECTORS ARE RESET, THE UNIT WILL RETURN TO NORMAL CONTROL. SMOKE DETECTOR INSTALLATION BY OTHERS, AS NECESSARY. IT IS THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR TO WIRE THE SMOKE DETECTOR TO THE EMERGENCY SHUT-DOWN OF THE RTU CONTROLLER.

11. CO2:
WHERE WALL MOUNTED CO2 SENSOR IS SHOWN/NOTED, THE CO2 SENSOR SHALL MODULATE THE OUTSIDE AIR DAMPER BETWEEN THE SCHEDULED MINIMUM AND MAXIMUM VENTILATION LEVELS.

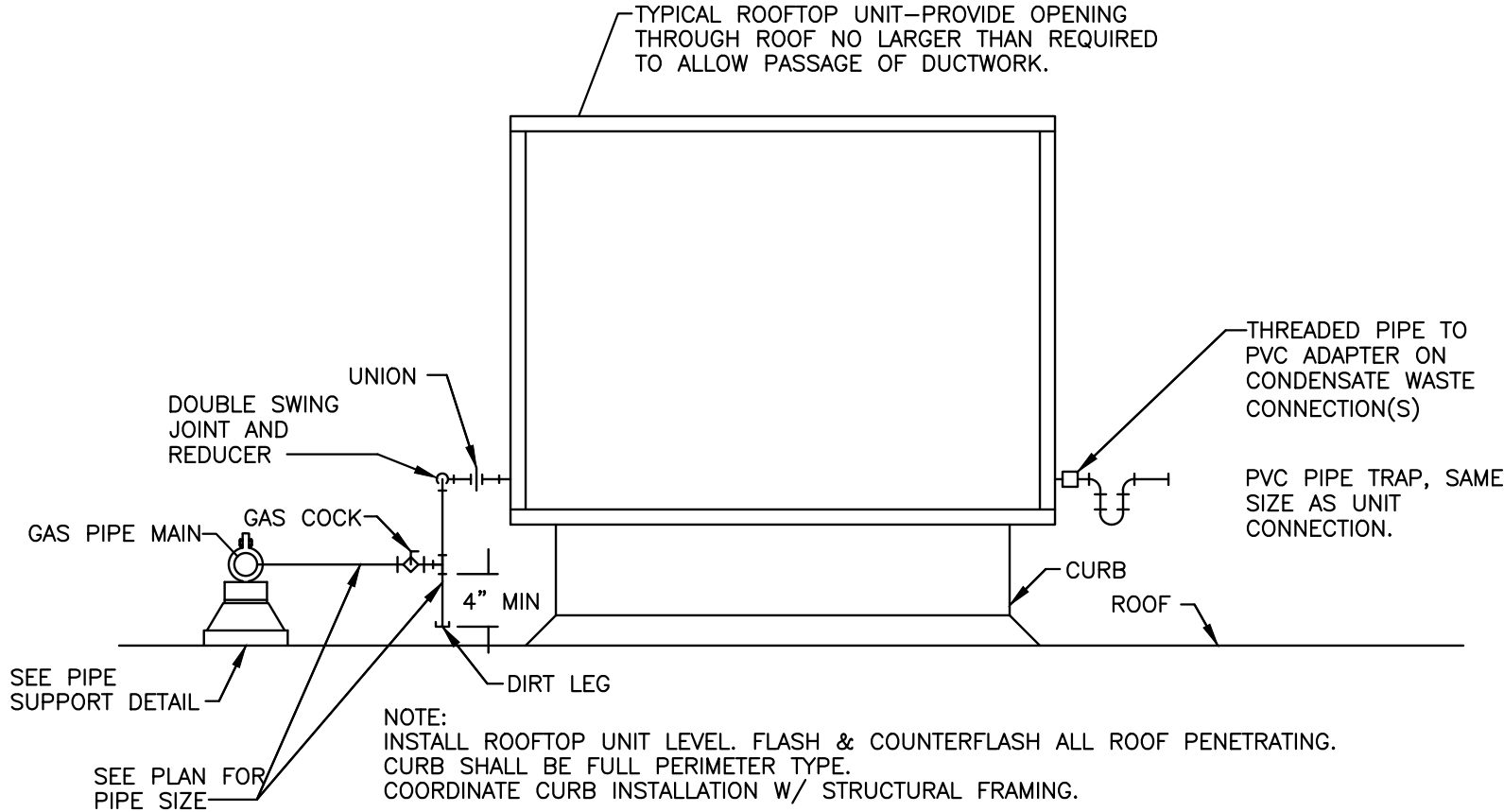


2 DOWNBLAST EXHAUST FAN DETAIL
NO SCALE



- NOTES:
1. EXTEND HARD METAL DUCT SO THAT MAXIMUM FLEXIBLE DUCT LENGTH DOES NOT EXCEED 8'-0".
2. DUCTWORK BRANCH RUNOUTS TO BE SAME SIZE AS DIFFUSER NECK UNLESS NOTED OTHERWISE.

5 CEILING DIFFUSER DETAIL
NO SCALE



3 ROOFTOP UNIT CONNECTION DETAIL
NO SCALE

GRILLE, REGISTER & DIFFUSER SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	SIZE	MOUNTING	FINISH	MATERIAL	NOTES
SD-1	PRICE	SPD	SQUARE PLAQUE	24" x 24"	LAY-IN	WHITE	STEEL	G
SD-H	PRICE	SPD-H	SQUARE PLAQUE	24" x 24"	LAY-IN	WHITE	STEEL	G
SD-2	PRICE	SPD	SQUARE PLAQUE	24" x 24"	SURFACE	WHITE	STEEL	G, B
SD-3	PRICE	SPD	SQUARE PLAQUE	12" x 12"	LAY-IN	WHITE	STEEL	G
SD-4	PRICE	SPD	SQUARE PLAQUE	12" x 12"	SURFACE	WHITE	STEEL	G, B
VAV-1	PRICE	VARITHERM	VAV	24" x 24"	LAY-IN	WHITE	STEEL	G
LSD-1	PRICE	TBD	LINEAR SLOT	4'-0" x (4) 1" SLOT	LAY-IN	WHITE	STEEL	H
SG-1	PRICE	520D	WALL MOUNT	AS NOTED	WALL/DUCT	WHITE	STEEL	A
SG-2	PRICE	SDGE	SPIRAL MOUNT	AS NOTED	DUCT	MILL	STEEL	A, C
RG-1	PRICE	PDDR	PERFORATED	24" x 24"	LAY-IN	WHITE	STEEL	G
RG-2	PRICE	PDDR	PERFORATED	12" x 24"	LAY-IN	WHITE	STEEL	G
RG-3	PRICE	530RL	WALL MOUNT	AS NOTED	WALL/DUCT	WHITE	STEEL	B, G
RG-4	PRICE	PDDR	PERFORATED	12" x 12"	SURFACE	WHITE	STEEL	B, G
EX-1	PRICE	APDDR	PERFORATED	24" x 24"	LAY-IN	WHITE	ALUMINUM	A, B, G
EX-2	PRICE	APDDR	PERFORATED	24" x 24"	SURFACE	WHITE	ALUMINUM	G
EX-3	PRICE	APDDR	PERFORATED	12" x 24"	LAY-IN	WHITE	ALUMINUM	A, B, G
EX-4	PRICE	APDDR	PERFORATED	12" x 12"	SURFACE	WHITE	ALUMINUM	A, B, G

- NOTES:
- A. PROVIDE WITH DAMPER OPERABLE FROM FACE OF DEVICE.
- B. PROVIDE WITH SURFACE MOUNT FRAME KIT FOR MOUNTING IN HARD CEILING/WALL.
- C. PROVIDE WITH OPPOSED BLADE DAMPER AND MILL FINISH.
- D. PERFORATED SUPPLY AIR GRILLE TO BE INSTALLED WITHOUT DEFLECTORS.
- E. PROVIDE WITH 2KW ELECTRIC HEAT, WALL MOUNTED WIRELESS THERMOSTAT.
- F. PROVIDE WITH RETURN AIR LIGHT SHIELD.
- G. PROVIDE WITH INSULATED BACKING.
- H. PROVIDE WITH FACTORY INSULATED SUPPLY PLENUM.

STEAM HUMIDIFIER SCHEDULE

MARK	MANUFACTURER	QUANTITY	MODEL	TYPE (GAS OR ELECTRIC)	LOCATION/ MOUNTING	CAPACITY (LBS/HR)	TOTAL AIRFLOW (CFM)	OUTSIDE AIR (CFM)	KW	ELECTRICAL	WEIGHT (LBS)	NOTES
HUM-1	NEPTRONIC	1	SKE4-N20M-480-3	ELECTRIC	SPACE	60	4,000	400	20	MCA 25, MOCP 25, VIPH 460/3	290	A - E

- NOTES:
- A. FIELD MOUNTED AIRFLOW PROVING SWITCH.
- B. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
- C. PROVIDE FIELD MOUNTED HIGH-LIMIT HUMIDISTAT AND WALL MOUNTED HUMIDISTAT.
- D. WATER SUPPLY WITH SHUT-OFF VALVE AND BACKFLOW (IF REQUIRED) BY OTHERS.
- E. PROVIDE WITH CONDENSATE DRAIN COOLER AS REQUIRED.

OUTSIDE AIR CALCULATIONS

UNIT SERVED	OCCUPANCY CLASSIFICATION	AREA (SQ. FT.)	PEOPLE PER 1,000	FIXED SEATING	QUANTITY OF PEOPLE	REQUIRED OUTSIDE AIR	REQUIRED OUTSIDE AIR	TOTAL REQUIRED	NOTES
RTU-1	OFFICE	105	5	---	1	5	0.06	9	A
	CORRIDOR	350	---	---	---	---	0.06	21	A
	RESTROOMS	340	---	---	---	---	0.06	20	A
	TRAINING/CLASSROOM	750	28	24	21	5	0.06	165	A
								215 CFM	C
RTU-2	OFFICE	1,415	5	---	7	5	0.06	120	A
	LOBBY	340	10	---	3	5	0.06	37	A
	CORRIDOR/VEST	50	---	---	---	---	0.06	3	A
	BREAK ROOM	240	25	---	6	5	0.06	44	A
								205 CFM	C
RTU-3	OFFICE	5,100	5	10	26	5	0.06	356	A
								356 CFM	C
FCU-1	OFFICE	325	5	---	2	5	0.06	26	A
								28 CFM	C

- NOTES:
- A. VENTILATION RATES ARE TAKEN FROM ASHRAE 62.1-2019 - VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY.
- B. VENTILATION IS BASED ON TOTAL QUANTITY OF PEOPLE TAKEN FROM NUMBER OF ACTUAL SEATING SHOWN ON ARCHITECTURAL FLOOR PLAN.
- C. REFER TO EQUIPMENT SCHEDULES FOR ACTUAL VENTILATION AIRFLOWS.
- D. OCCUPANCY REDUCED FROM 5 PEOPLE PER 1,000 SF TO ACTUAL OCCUPANTS PER TENANT.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	QUANTITY	MODEL	LOCATION/ MOUNTING	SERVICE	CFM	ESP (IN)	RPM	HP/WATTS	ELECTRICAL (V/PH)	WEIGHT (LBS)	NOTES
CEF-1	GREENHECK	1	SP-A250	CEILING	RESTROOM EXHAUST	225	0.375	1315	1000	120/1	24	A, B, E
CEF-2	GREENHECK	1	SP-A250	CEILING	RESTROOM EXHAUST	225	0.375	1315	1000	120/1	24	A, B, E
CEF-3	GREENHECK	1	SP-A250	CEILING	IT ROOM	200	0.375	1315	1000	120/1	24	A, D, D
CEF-4	GREENHECK	1	SP-A400	CEILING	RESTROOM EXHAUST	75	0.25	1200	1000	120/1	20	A, B, E

NOTES:

- A. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
- B. INTERLOCK EXHAUST FAN WITH RESTROOM LIGHT SWITCH.
- C. FAN TO OPERATE CONTINUOUSLY.
- D. FURNISH WITH WALL MOUNTED LINE VOLTAGE THERMOSTAT. THERMOSTAT TO BE INSTALLED BY ELECTRICAL CONTRACTOR AND INTERLOCKED WITH ASSOCIATED LOUVER.
- E. PROVIDE WITH UNIT MOUNTED SPEED CONTROLLER, HANGING BRACKET, BACKDRAFT DAMPER, ROUND DUCT CONNECTION AND WHITE GRILLE.

DUCTLESS SPLIT SYSTEM HEAT PUMP EQUIPMENT SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	SUPPLY FAN CFM	ESP (IN)	COOLING COIL TH (MBH)	SH (MBH)	HEATING COIL TH (MBH)	°F	MCA	MOCP	V/PH	VENTILATION (CFM)	WEIGHT (LBS)	NOTES
FCU-1	LENNOX	MMD8018S4-2P	DUCTED FAN-COIL	529	---	18	12	20	50°F	1	---	---	30	60	F, G
CU-1	LENNOX	MPC018S4S-1P	CONDENSING UNIT	---	---	---	---	---	---	18	25	208/1	---	125	A - E

NOTES:

- A. PROVIDE WITH WIRED TEMPERATURE CONTROLLER.
- B. FAN-COIL TO BE POWERED FROM CONDENSING UNIT POWER CIRCUIT. REFER TO INSTALLATION INSTRUCTIONS.
- C. SUPPORT CONDENSING FROM TILT WALL WITH CONDENSER HANGING BRACKET.
- D. PROVIDE WITH 25'-0", 1/4" LIQUID AND 1/2" SUCTION PRE-INSULATED LINESET AS REQUIRED.
- E. ELECTRICAL CONTRACTOR TO PROVIDE WIRING BETWEEN CU AND FCU.
- F. ROUTE CONDENSATE TO DISCHARGE AT GRADE AS REQUIRED.
- G. HEATING CAPACITY BASED ON TEMPERATURES SHOWN.

PACKAGED ROOFTOP UNIT (DX COOLING/GAS HEAT)

	MARK	MANUFACTURER	MODEL	NOMINAL TONNAGE	QUANTITY	SERVICE	UNIT TYPE	SUPPLY FAN			COOLING COIL				GAS HEATING		MINIMUM VENTILATION (CFM)	DESIGN/MAX VENTILATION (CFM)	ELECTRICAL		WEIGHT (LBS)	ARI MINIMUM EER (SEER)	ARI IEER	NOTES			
								CFM	ESP (IN)	HP	FAN STAGES	SAT (DB/WB)	TH (MBH)	SH (MBH)	COOLING STAGES	INPUT (MBH)			OUTPUT (MBH)	MCA					MOCP	V/PH	
	RTU-1	LENNOX	KGB060S4B	5	1	MAIN OFFICE	CV	2,000	0.75	1.0	1	58/57	60	47	1	108	86	2	215	215	13	20	460/3	1,050	11.0	---	A - H
	RTU-2	LENNOX	KGB060S4B	5	1	MAIN OFFICE	CV	2,000	0.75	1.0	1	58/57	60	47	1	108	86	2	215	215	13	20	460/3	1,050	11.0	---	A - H
	RTU-3	LENNOX	SGH120H4M	10	1	TECH ROOM	CV	4,000	0.75	3.0	2	59/58	120	93	2	180	144	2	365	365	24	30	460/3	2,000	11.0	---	A - H, J

NOTES:

- A. EQUIPMENT SIZED FOR 100 DEGREE F AMBIENT TEMPERATURE.
- B. PROVIDE WITH 2", 30% EFFICIENT PLEATED THROWAWAY AIR FILTERS.
- C. PROVIDE WITH MANUFACTURERS STANDARD 1/4" INSULATED ROOF CURB.
- D. PROVIDE WITH PLEATED FILTERS AND HAIL GUARDS.
- E. PROVIDE WITH FACTORY MOUNTED ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF DAMPER.
- F. PROVIDE WITH 7-DAY PROGRAMMABLE THERMOSTAT.
- G. RETURN AIR SMOKE DETECTOR FURNISHED AND INSTALLED BY OTHERS.
- H. DISCONNECT SWITCH AND GFCI OUTLET TO BE FURNISHED BY ELECTRICIAN.
- J. PROVIDE WITH FACTORY MOUNTED HOT-GAS REHEAT COIL FOR DEHUMIDIFICATION.



H&R BLOCK TI

1220 NW MAIN ST. - LEE'S SUMMIT, MO

SCALE: AS NOTED DATE: 5/13/24 DRAWN BY: M.D.K.

APPROVED BY: G.M.M.

DWG #

M3

ASI #2

OF 3



- PLUMBING DESIGN-BUILD BY GEN CONTRACTOR
- MECHANICAL DESIGN-BUILD BY GEN CONTRACTOR
- ELECTRICAL DESIGN-BUILD BY GEN CONTRACTOR
- FIRE PROTECTION DESIGN-BUILD BY GEN CONTRACTOR
- CONTRACTOR FORGE CONSTRUCTION

TENANT IMPROVEMENTS FOR:

H&R BLOCK DEPOT

1220 NW Main St
Lee's Summit, MO 64086

Project No. 2024-032

Date: 05.13.24

Issued For: Permit Submittal

Drawn By: MDK

Reviewed By: GMM

Revisions:

No. Date Description

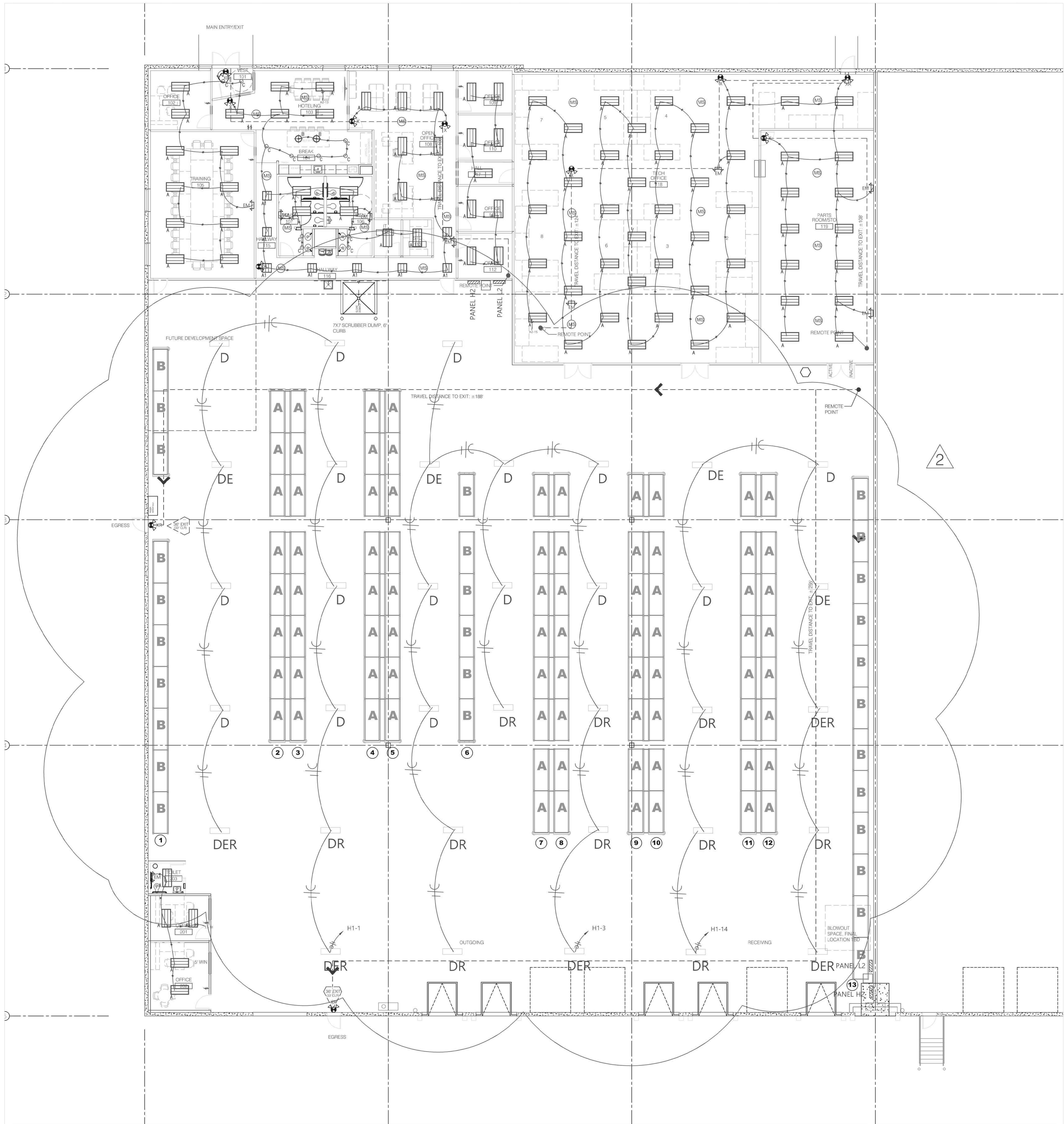
1. 6/24/24 ASI #2



M3.01

MECHANICAL SCHEDULES

H:\COMPANY SHARED\RENTAUTOCAD DRAWINGS\H&R BLOCK\H&R BLOCK DEPOT ELECTRICAL.DWG (06/24/2024 3:07:28 PM) j.hansen



1 OVERALL FLOOR PLAN
Scale: 1/8" = 1'-0"
PLAN TRUE

RELEASED FOR
CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
07/09/2024



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816 | 488 | 7380
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CONTRACTOR FORGE CONSTRUCTION

TENANT IMPROVEMENTS FOR:

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DEPOT

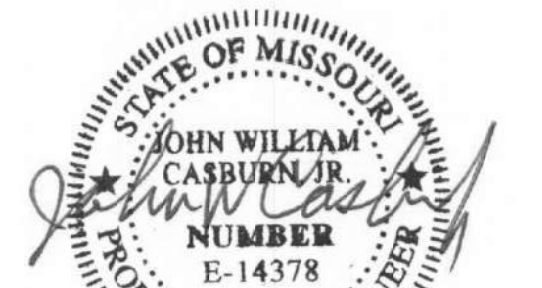
1220 NW Main St. Unit E
Lee's Summit, MO 64086

Project No.	2024-032	
Date:	04.26.24	
Issued For:	Permit Submittal	
Drawn By:	F. Crubaugh	
Reviewed By:		
Revisions:		
No.	Date	Description
1	06/24/24	City Comments
2	06/24/24	Owner Changes

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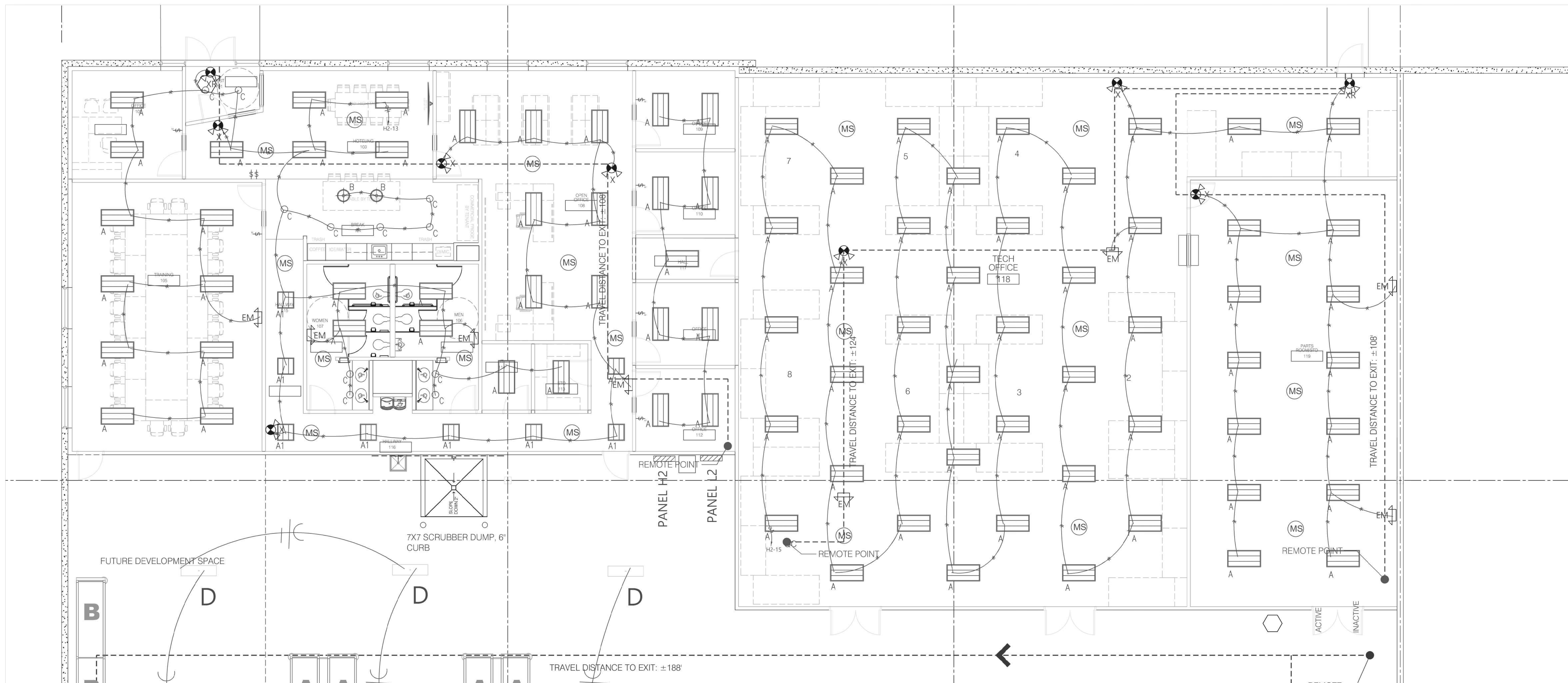
E1.00
LIGHTING



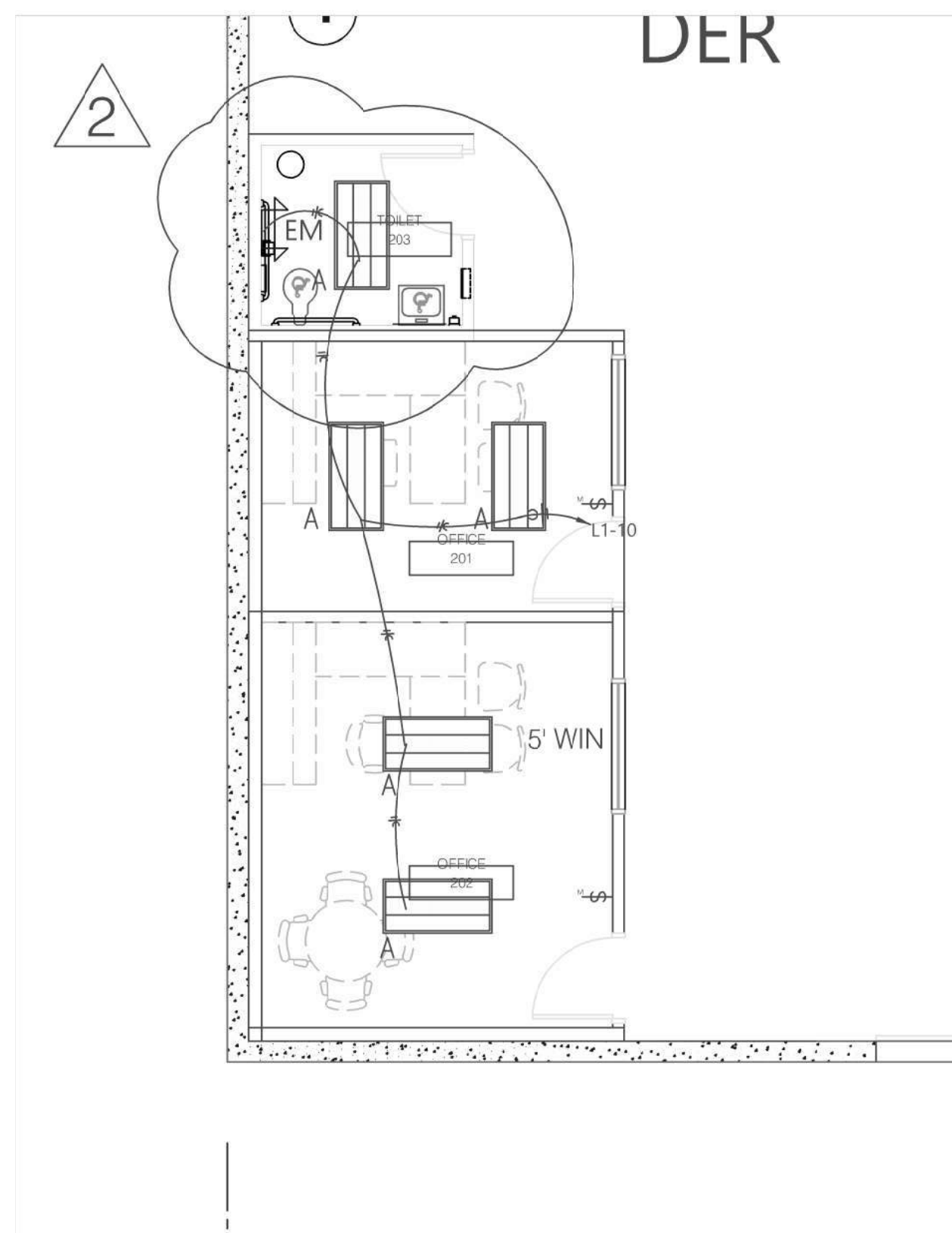
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PLUMBING BY GEN CONTRACTOR DESIGN-BUILD
MECHANICAL BY GEN CONTRACTOR DESIGN-BUILD
ELECTRICAL BY GEN CONTRACTOR DESIGN-BUILD
FIRE PROTECTION BY GEN CONTRACTOR DESIGN-BUILD
CONTRACTOR FORGE CONSTRUCTION



1 ENLARGED FLOOR PLAN
Scale: 3/16" = 1'-0"
PLAN TRUE



2 ENLARGED FLOOR PLAN
Scale: 3/16" = 1'-0"
PLAN TRUE

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TENANT IMPROVEMENTS FOR:

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DEPOT

1220 NW Main St Unit E
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1

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6/20/24

E1.10
ENLARGED LIGHTING

PLUMBING DESIGN-BUILD

MECHANICAL DESIGN-BUILD
BY GEN. CONTRACTORELECTRICAL DESIGN-BUILD
BY GEN CONTRACTORFIRE PROTECTION DESIGN-BUILD
BY GEN CONTRACTOR

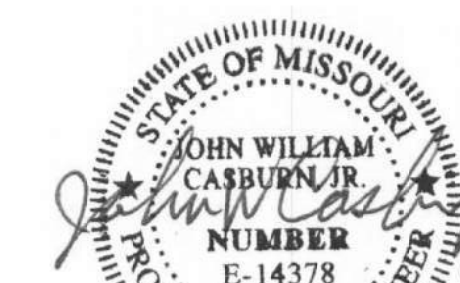
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6/20/24

E2.00
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fax (913) 747 0539

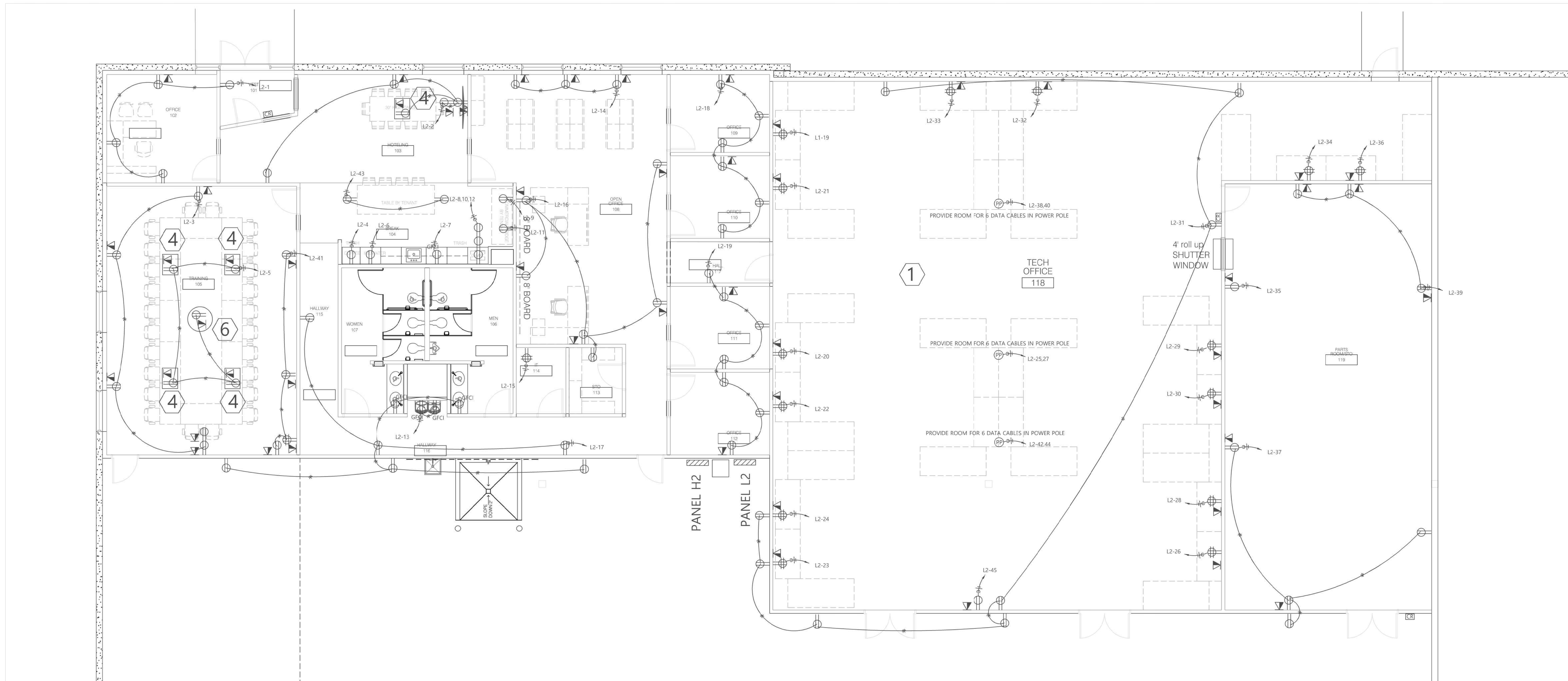


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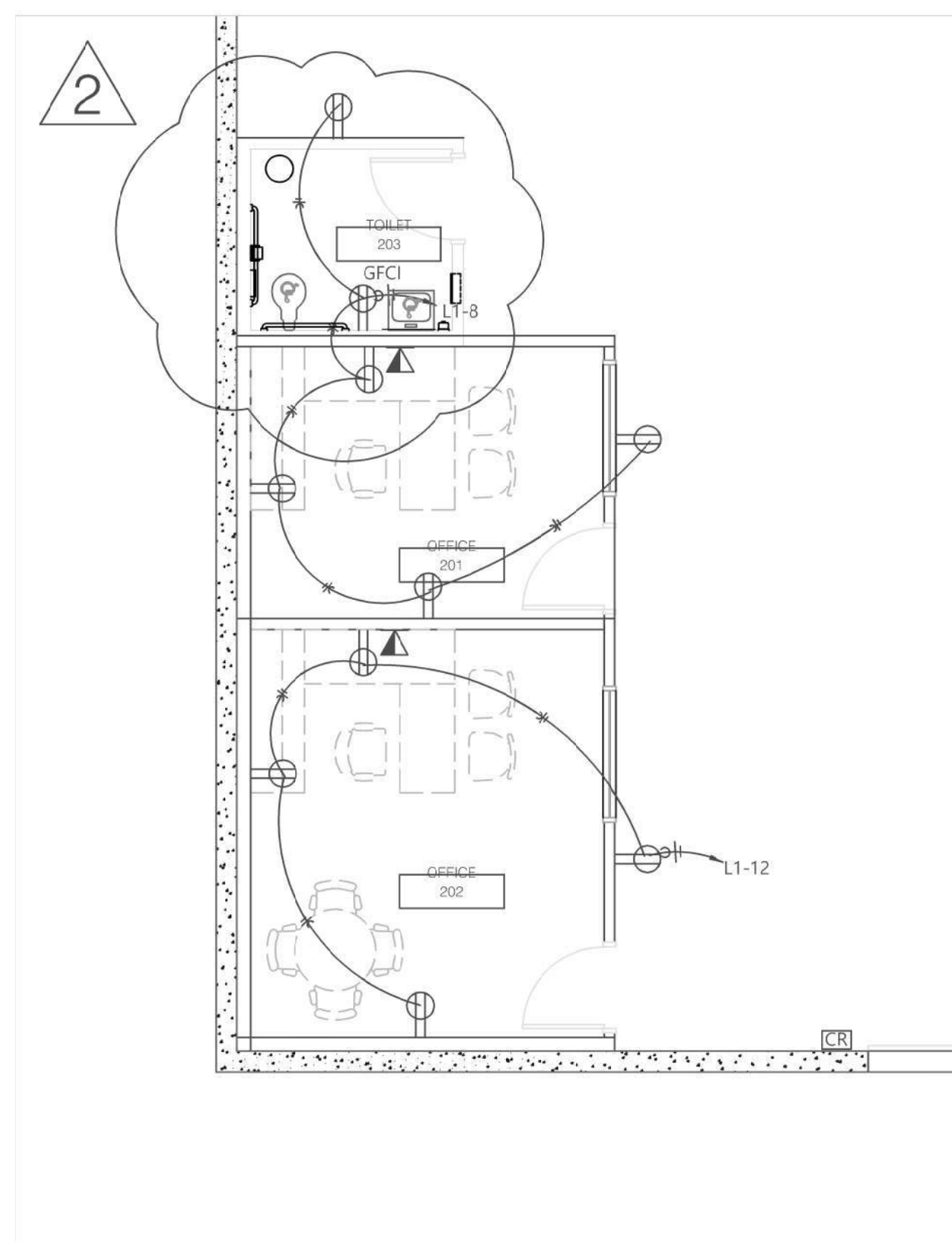
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E2.10
ENLARGED POWER



1 ENLARGED FLOOR PLAN
Scale: 3/16" = 1'-0"
PLAN TRUE



2 ENLARGED FLOOR PLAN
Scale: 3/16" = 1'-0"
PLAN TRUE

H:\COMPANY SHARED\JEREMY\AUTOCAD DRAWINGS\H&R BLOCK\H&R BLOCK DEPOT ELECTRICAL.DWG 06/24/2024 3:07:28 PM jbaron



1 OVERALL FLOOR PLAN
Scale: 1/8" = 1'-0"
PLAN TRUE

RELEASED FOR
CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
6/20/2024



studioNorth
ARCHITECTURE

3315 N Oak Trailway | Kansas City, MO 64116
816 | 888 | 7380
NP Studio North, LLC
Missouri Certificate of Authorization No. A-2017040540

PLUMBING DESIGN-BUILD
BY GEN CONTRACTOR
MECHANICAL DESIGN-BUILD
BY GEN CONTRACTOR
ELECTRICAL DESIGN-BUILD
BY GEN CONTRACTOR
FIRE PROTECTION DESIGN-BUILD
BY GEN CONTRACTOR
CONTRACTOR FORGE CONSTRUCTION

TENANT IMPROVEMENTS FOR:

H&R BLOCK
DEPOT

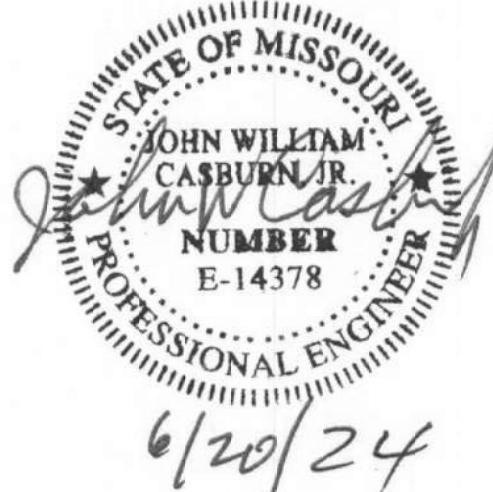
1220 NW Main St Unit E
Lee's Summit, MO 64086

Project No.	2024-032	
Date:	04.26.24	
Issued For:	Permit Submittal	
Drawn By:	F. Crubaugh	
Reviewed By:		
Revisions:		
No.	Date	Description
1	06/24/24	City Comments
2	06/24/24	Owner Changes

HERITAGE ELECTRIC, L.L.C.
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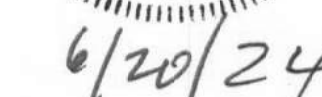
E3.00
HVAC POWER

TENANT IMPROVEMENTS FOR

1220 NW Main St Unit E
Lee's Summit, MO 64086

1220 NW Main St Unit E
Lee's Summit, MO 64086

Revisions:



ENLARGED HVAC



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PLUMBING	DESIGN-BUILD BY GEN CONTRACTOR
MECHANICAL	DESIGN-BUILD BY GEN CONTRACTOR
ELECTRICAL	DESIGN-BUILD BY GEN CONTRACTOR
FIRE PROTECTION	DESIGN-BUILD BY GEN CONTRACTOR
CONTRACTOR	FORGE CONSTRUCTION



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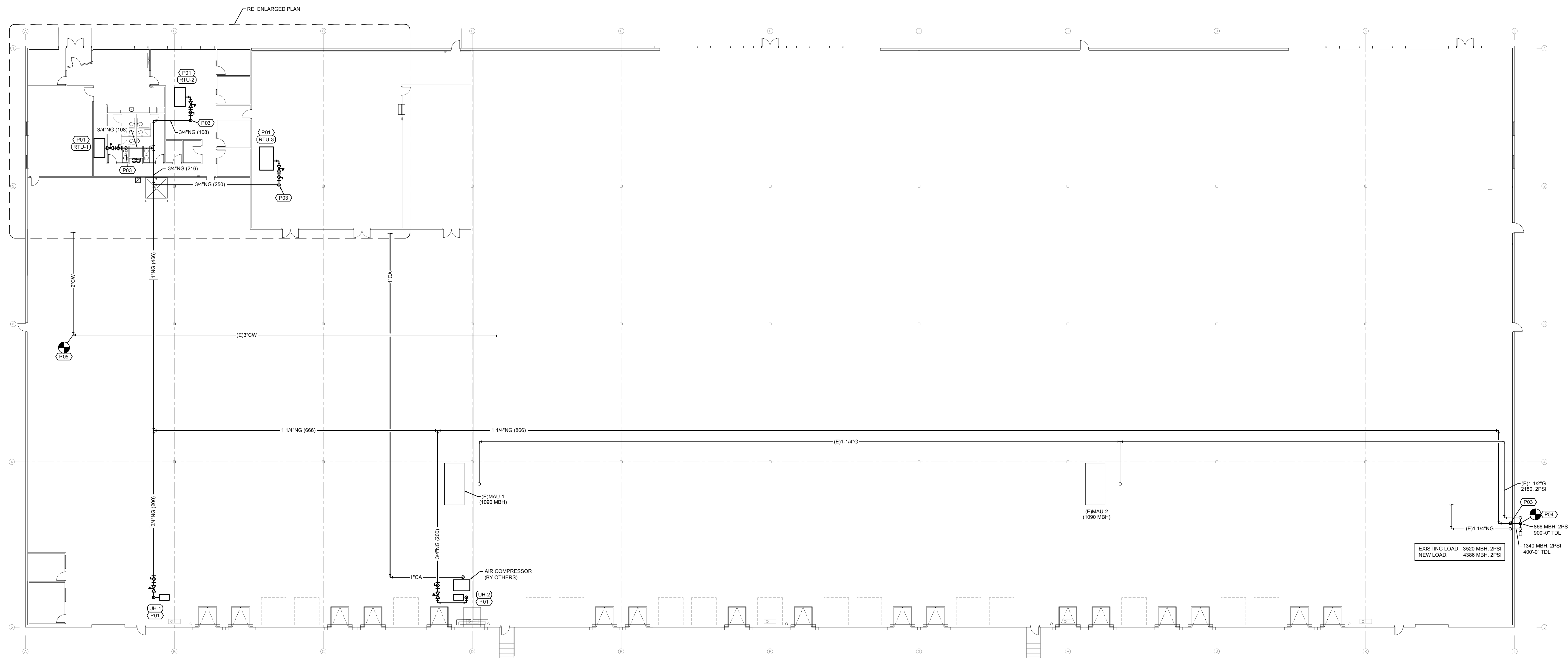
CYA No. 2006001168

TENANT IMPROVEMENTS FOR:

H&R BLOCK
DEPOT

1220 NW Main St
Lee's Summit, MO 64086

Project No. 2024-032
Date: 04.26.24
Issued For: Permit Submittal
Drawn By: F. Crubaugh
Reviewed By:

[illegible]

 **FLOOR PLAN-PLUMBING**
SCALE: 1/16"=1'-0"

FLOOR PLAN NOTES

1. CONNECT TO MECHANICAL EQUIPMENT WITH GAS COCK, DIRT LEG, AND UNION. PROVIDE PRESSURE REGULATOR WITHIN 10'-0" OF UNIT CONNECTION. INLET: 2PSI, OUTLET: 7" WC.
2. ROUTE GAS PIPING UP TIGHT TO INTERIOR AND SUSPENDED ACROSS CEILING SPACE AS INDICATED.
3. ROUTE GAS PIPING UP THROUGH ROOF, RE: DETAIL.
4. CONNECT TO EXISTING GAS PIPING AS CLOSE TO METER AS POSSIBLE.
5. CONNECT TO EXISTING COLD WATER STUBOUT. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING.

