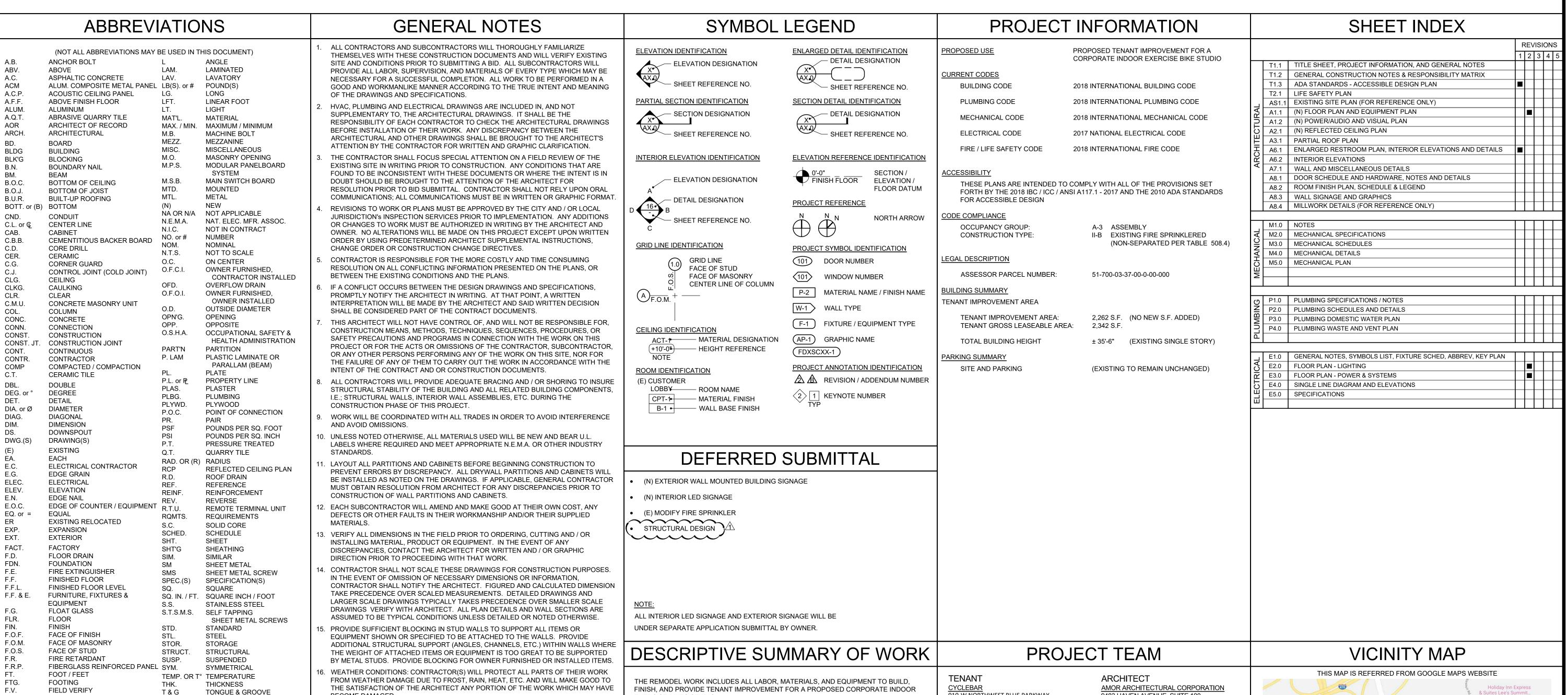


INTERIOR TENANT IMPROVEMENT 910-W NORTHWEST BLUE PARKWAY, LEE'S SUMMIT, MO 64086



THE WORK SHALL INCLUDE ALL ITEMS REQUIRED AS SHOWN ON THE DRAWINGS.

ALL MECHANICAL EQUIPMENT AND SYSTEMS, ALL ELECTRICAL SYSTEMS, AND

EQUIPMENT ARE TO BE INCLUDED FOR A COMPLETE OPERATING SYSTEM WITH

EXERCISE BIKES STUDIO.

NEW FIXTURES

NEW PARTITION WALLS

COORDINATION AND INSTALLATION INCLUDED.

(E) RESTROOM ADD (N) FINISHES

NEW FINISHES (PAINT, FLOORING, GRAPHICS, ETC.)



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ORI ES

 \circ \mathbb{C} STAMP AMOR NUMBER A-2012004034

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REVISIONS 2020-04-13 PLAN CHECK CORRECTION 2020-05-26 FIELD COORDINATION DATE 2020.05.29 PROJECT NUMBER A2276

CYCLEBAR 910-W NORTHWEST BLUE PARKWAY, LEE'S SUMMIT, MO 64086 CONTACT: RACHEL HILTON PHONE: 720.378.3062 EMAIL: rachel.hilton@cyclebar.com

MECHANICAL, PLUMBING & ELECTRICAL DUNHAM ENGINEERING

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EMAIL: jreynoso@amorarch.com APPROVED VENDOR SPORTS PRO SURFACING CONTACT: KENNY FLAKE PHONE: (713) 805-8296 EMAIL: kenny@spsurfacing.org

9921 CARMEL MOUNTAIN ROAD, SUITE 248 SAN DIEGO, CA 92129 CONTACT: MICHAEL CASSARA PHONE: (310) 775-5242 michael@crowdtunes.com

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CONTACT: JOSE REYNOSO

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PROJECT MANAGER

ue Parkway Starbucks 😝

FLASHED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.

FLUSH AND OCCUR AT CENTERLINE OF DOORS TYPICALLY.

. SITE SAFETY: EACH CONTRACTOR WILL ABIDE BY LOCAL AREA STANDARDS AND

RELATED O.S.H.A. STANDARDS FOR THE PROTECTION AND SAFETY FOR THEIR

PRE / ACTUAL / POST CONSTRUCTION PHASES OF THIS PROJECT.

END OF EACH WORKING DAY.

PAINT (UNLESS NOTED OTHERWISE).

EMPLOYEES ON SITE. THIS ARCHITECT WILL BE HELD HARMLESS BY CYCLEBAR AND

GENERAL CONTRACTOR AND RELATED AWARDED TRADES ON THIS PROJECT FOR

ACCIDENTS OR INJURIES CAUSED OR ACCRUED ON THIS PROPERTY DURING THE

CONTRACTORS WILL BE RESPONSIBLE FOR REMOVAL AND ACCOUNT FOR QUANTITY

19. TRANSITION OF DIFFERENT FLOORING MATERIALS AT DOORWAYS SHALL SHALL BE

20. PAINT ALL WALL SURFACES, DOOR FRAMES, WINDOW FRAMES, BULKHEADS AND

OF DEBRIS ACCUMULATED BY EACH TRADE. HOWEVER, EACH TRADE WILL KEEP THE

CEILINGS IN ROOMS WHERE INDICATED ON ROOM FINISH SCHEDULE. PAINT BEHIND

ALL MOVEABLE ITEMS ADJACENT TO WALLS RECEIVING PAINT AND RELOCATE ITEMS.

ALL NEW PAINTING SHALL INCLUDE (1) ONE COAT PRIMER AND (2) TWO COATS OF

21. ALL WEATHER - EXPOSED SURFACES SHALL HAVE A WEATHER RESISTIVE BARRIER TO

PROTECT THE INTERIOR WALL COVERING AND EXTERIOR OPENINGS SHALL BE

JOB SITE CLEAN AND SAFE AT ALL TIMES, ALONG W/ A BROOM / VACUUM FINISH AT THE

GAUGE (GAGE)

GYPSUM WALLBOARD

GENERAL CONTRACTOR

GLUE-LAMINATED BEAM

GRAB BAR

GALVANIZED

HOSE BIBB

HUB DRAIN

HARDWARE

HEADER

HANGER

H HORIZONTAL

IN EXAMPLE

INSULATION

INTERIOR

INVERTED

JOINT

JOIST

INCH / INCHES

HEIGHT

HDR.

HDW.

HGR.

HGT. or H

HORIZ.

INSUL

JT. OR JNT.

HOLLOW CORE

HOLLOW METAL

INSIDE DIAMETER

HIGH STRENGTH BOLT

GALVANIZED IRON

T.N.

T.O.B.

T.O.C.

T.O.F.

T.O.P.

T.O.PL.

T.O.S.

T.O.W.

U.N.O.

T.S.

TYP.

U.L.

V.I.F.

V.T.R.

V.W.C.

W/C

WD.

W.R.

WT.

WWF.

WWM.

W/ or W/O

TOE NAIL

TOP OF BEAM

TOP OF CURB

TOP OF FOOTING

TOP OF PARAPET

TOP OF SHEATHING

VERIFY IN FIELD

WITH, WITHOUT

WATER CLOSET

WATER HEATER

WATER RESISTANT

WELDED WIRE FABRIC

WELDED WIRE MESH

WALK-IN BOX

WOOD

WEIGHT

VENT THROUGH ROOF

VINYL WALL COVERING

UNLESS NOTED OTHERWISE

UNDERWRITERS LABORATORY

TOP OF PLATE

TOP OF SLAB

TOP OF WALL

TYPICAL

VERT. OR (V) VERTICAL

50'-9 1/2"

(E) ADJACENT TENANT

"VACANT" (N.I.C.)

(EQ-1)

(AF-1)(AV-1)

(MW-8)

SALES AREA /

101

√ W-2

< W-6 │

14

108

45 EXERCISE

BIKES

W-4

38'-3 1/2"

- NOTIFY ARCHITECT IMMEDIATELY OF ANY INCONSISTENCIES OR DISCREPANCIES WITH PLANS IN RELATION TO EXISTING FIELD CONDITIONS.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE ON THE CONSTRUCTION DOCUMENTS. DO NOT EVER SCALE DRAWINGS.
- DIMENSIONS ARE FROM THE FACE OF FINISHED WALL (GWB) TO FACE OF FINISHED WALL (GWB), UNLESS OTHERWISE NOTED ON PLANS.
- ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS AND/OR INSTRUCTIONS.
- 6. ALL WORK SHALL BE EXECUTED IN A MANNER ACCEPTABLE TO THE ARCHITECT. OWNER, AND LANDLORD UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR SHALL PROVIDE AND PAY ALL LABOR, MATERIALS EQUIPMENTS, TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, TRANSPORTATION AND OTHER SERVICES AND FACILITIES NECESSARY FOR PROPER AND TIMELY EXECUTION OF WORK.
- 7. THE CONTRACTOR WARRANT TO THE OWNER AND TO THE ARCHITECT THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THE CONTRACT ARE NEW UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORKS SHALL BE AS SPECIFIED AND FREE OF
- 8. ALL OUTSIDE CORNERS AT DRYWALL PARTITION AND FURRING TO HAVE METAL CORNER BEADS SPACKLE AND SMOOTH.

(E) HALLWAY (N.I.C.)

W-2

W-2

(E) ADJACENT

TENANT

"NOTHING BUNDT CAKES"

(N.I.C.)

(W-6 |

44" MIN.

COMMUNITY

AREA 102

(MW-6)

- 9. PROVIDE DIAGONAL BRACING TO STRUCTURE ABOVE ALL NEW DOORS, GLAZING HEADS AND JAMBS AS REQUIRED TO MAKE ASSEMBLY RIGID.
- 10. THE GENERAL CONTRACTOR (G.C.) IS RESPONSIBLE FOR THE FINAL CLEAN UP OF THE AREA OF WORK AND AREA AFFECTED BY CONSTRUCTION; TO INCLUDE BUT NOT LIMITED TO FLOORS, MILLWORK, FIXTURES, ETC. FOLLOWING THE INSTALLATION OF
- 11. THE GENERAL CONTRACTOR SHALL COORDINATE THE LOCATIONS FOR THE WALL MOUNTED TELEVISIONS AND GRAPHIC SIGNAGE TO PROVIDE BLOCKING FOR
- 12. ALL WET / PLUMBING WALLS ARE TO BE PROVIDED w/ MOISTURE RESISTANT GYPSUM BOARD. PROVIDE CEMENT BACKER BOARD WHEN TILE IS IN USED.

MEN'S RESTROOM

105 W-5

9

(PL-2)

─ W-4

103

W-1

8'-0"

(W-4

104

(E) ADJACENT

TENANT

(N.I.C.)

WOMEN'S

RESTROOM

106

105

HALLWAY

107

(FM-2)

FM-1

(MW-4)

BE-2

W-4

- 13. ALL PLUMBING WALLS ARE TO BE 6" METAL STUD FRAMING. PROVIDE REQUIRED BLOCKING FOR WALL MOUNTED FIXTURES, GRAB BARS, SHELVING, CABINETRY, ETC.
- 14. THERE SHALL BE NO PENETRATIONS TO A DEMISING WALL, U.O.N. IF PENETRATIONS ARE TO BE NOTED, THEN ALL PENETRATIONS INCLUDING CONDUITS, PIPES,
- DUCTWORK, ETC. SHALL BE UL RATED PER CURRENT CODE REQUIREMENTS. 15. NO PLUMBING IS ALLOWED IN DEMISING WALLS. FURRED OUT AS REQUIRED.
- 16. ALL (E) DEMISING WALLS FOR TENANT SEPARATION ARE NOT TO BE DISTURBED OR MODIFIED IN ANY WAY.
- WALL TYPES W-0 (E) INTERIOR WALL TO REMAIN

W-1 (E) EXTERIOR WALL TO REMAIN

- W-2 (E) DEMISING WALL TO REMAIN
- (N) 6" x 20GA. METAL STUDS @ 16" O.C. w/ 5/8" GYPSUM BD. ON EACH SIDE ADD ADDITIONAL 5/8" GYPSUM BOARD ON THEATER SIDE
- W-4 (N) 3 5/8" x 20GA. METAL STUDS @ 12" O.C. w/ 5/8" GYPSUM BD. ON EACH SIDE $\frac{8}{4}$ (N) DEMISING WALL 6" X 20GA. METAL STUDS @ 16" O.C. W/ (1) LAYER OF (N) DEMISING WALL 6" A 200A. INIETAL STODE & 10 0.0. ... (1) ENDING WALL 6" A 200A. INIETAL STODE & 10 0.0. A 200A. INIETAL STODE & 10 0
- (1) LAYER OF 5/8" TYPE 'X' GYP. BD. ON CYCLEBAR SIDE, FULL HEIGHT. (N) SOUND WALL, 3 5/8" x 20GA. METAL STUDS @ 12" O.C. w/ (2) 5/8" GYPSUM 20 BD. ON ONE SIDE, 2 1/2" AIR GAP, AND (1) 5/8" GYPSUM BD. ON DEMISING WALLA7.1
- PROVIDE 5/8" WATER AND MOLD RESISTANT GYPSUM BOARD WHERE PLUMBING WALLS OCCUR, TYP.
- PROVIDE 5/8" TYPE "X" GYP. BOARD WHERE DEMISING WALLS OCCUR, TYP. ALL WALLS TO RECEIVE 5/8" GYP. BOARD, (U.N.O.).

LEGEND

- 1 DAY PROGRAMMABLE THERMOSTAT, MOUNT T-STAT AT 48" A.F.F., SENSOR AT 96" A.F.F.
- FIRE EXTINGUISHER UNIT. MOUNT HANDLE AT 48" A.F.F. MAX.
- ELECTRICAL PANEL
- SEE DOOR SCHEDULE ON SHEET A8.1
 - REMOTE DETECTOR TEST STATION, MOUNTED 84" A.F.F. REMOTE DETECTOR TEST STATION,
- MOUNTED 84" A.F.F. ABOVE T-STAT

EQUIPMENT LIST

REF QT DESCRIPTION AF-1 SUBWOOFER TBD AV-1 AV EQUIPMENT TBD BE-1 SEATING BENCH 60" L x 20" W x 17" H *MOVABLE* BE-2 ADA SEATING BENCH 60" L x 20" W x 17" H FLOOR MOUNTED

EQ-1 EXERCISE BIKE EQ-2 INSTRUCTION STATION ACCESSORY MW-1 FRONT DESK CUT SHEET 1 ON SHEET A8.4

MW-2 CABINET CUT SHEET 2 ON SHEET A8.4 MW-3 CUT SHEET 3 ON SHEET A8.4 SHOE CUBBY MW-4 REFRIGERATION STATION CUT SHEET 4 ON SHEET A8.4 MW-5 TOWEL BOX CUT SHEET 5 ON SHEET A8.4 MW-6 LOCKER CABINET CUT SHEET 6 ON SHEET A8.4

MW-7 MW-8 96" L x 96" H SLAT WALL MW-9 48" x 72" H PER PIECE MIRROR MOP BASIN w/ BACKFLOW PREVENTER TBD PL-2 30 GALLON SEE DETAIL 9/A8.4 ELEC. TANK WATER HEATER

TV-1 48" TV TBD TV-2 TBD FM-1 ADA COMPLIANT WATER DISPENSER SEE DETAIL 12/A8.1 HIGH LOW DRINKING FOUNTAIN TBD SEE DETAIL 4/T1.3

7.3 CU. FT.

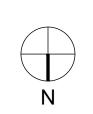
4.5 CU. FT. CAPACITY STACKED

STACKED

KEYNOTES

- 1 (E) DOOR TO REMAIN. SEE DOOR AND HARDWARE NOTES
- 2 (E) FIXED STOREFRONT WINDOW TO REMAIN
- 3 (N) DOOR AND FRAME. SEE DOOR SCHEDULE
- 4 (N) TRANSITION STRIP. SEE FINISH SCHEDULE
- (N) TRAINER'S PLATFORM. ALL FRAMING MUST RUN PARALEL TO WALL \angle TO RUN ELECTRICAL TO INSTRUCTION STATION
- 6 (N) WALL-MOUNTED FIRE EXTINGUISHER UNIT. MOUNT HANDLE AT +4'-0" AFF. MAX.
- 8 (N) ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS
- |10| PROVIDE REMOTE DETECTOR TEST STATION, MOUNTED 84" A.F.F. ABOVE T-STAT

- ADD (N) MULL-IT-OVER TRIM CLOSURE PIECES AT END WALL PLATE, OR EQUAL.
- 14 (E) STRUCTURAL COLUMN TO REMAIN 15 (N) DOOR UNDER SEPARATE SUBMITTAI



SCALE

CONSTRUCTION

AS NOTED ON PLANS REVIEW

LEE'S SUMMIT, MISSOURI

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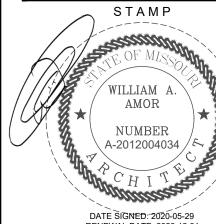
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CONSULTANT

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REVISIONS 2020-05-26 FIELD COORDINATION DATE 2020.05.29 PROJECT NUMBER

> A2276 SHEET NUMBER

(N) FLOOR PLAN AND EQUIPMENT PLAN

50'-9 1/2"

42'-9 1/2"

1/4" = 1'-0"

7 | PROVIDE (N) THERMOSTAT @ +4'-0" MAX. A.F.F.

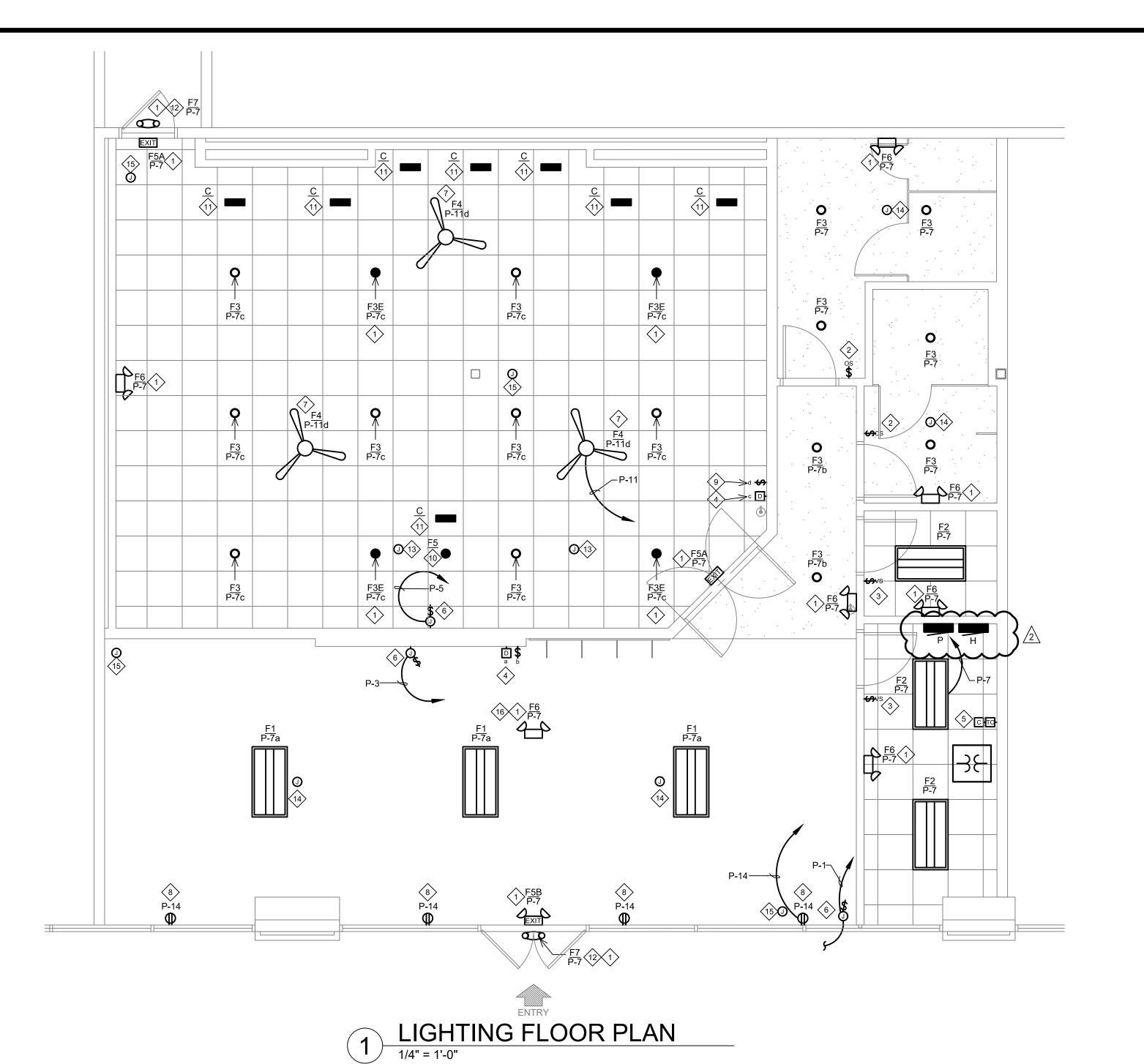
PL-3

PL-4

9 (N) FLOOR DRAIN. SEE PLUMBING DRAWINGS

SENSOR @ 96" HIGH

12 PROVIDE (N) OCCUPANCY SIGNAGE PER $\begin{pmatrix} 4 \\ T1.3 \end{pmatrix}$



GENERAL NOTES:

- A. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF LUMINAIRES.
- B. EACH LUMINAIRE SHALL BE STRUCTURALLY SUPPORTED; DO NOT USE CONDUIT FOR SUPPORT FOR EITHER FIXTURES OR BOXES.
- C. USE FLEXIBLE METAL CONDUIT (GREENFIELD) FOR CONNECTION OF LAY-IN FIXTURES.
- D. PROVIDE GROUND CONDUCTOR IN ALL CONDUIT RUNS.
- THOUGH WIRING OF FIXTURES SHALL NOT BE PERMITTED UNLESS SPECIFICALLY ILLUSTRATED.
- EACH LUMINAIRE SHALL HAVE ITS OWN BOX UNLESS OTHERWISE ILLUSTRATED.
- G. VERIFY LOCATION OF WALL MOUNTED EMERGENCY LUMINAIRES TO AVOID CONFLICT WITH WOOD TRIM
- H. REFER TO ARCHITECTURAL FOR EXACT LOCATION OF LUMINAIRES COORDINATE WITH ARCHITECT FOR LOCATION OF LUMINAIRES AND DEVICES BEFORE ROUGH—IN.

KEY NOTES:

- PROVIDE UNSWITCHED HOT TO ALL EXIT, EMERGENCY, AND NIGHT LIGHTS TO BYPASS SWITCH CONTROLS. THIS MUST BE IN ADDITION TO SWITCHED HOT.
- PROVIDE LUTRON MAESTRO WALL MOUNTED OCCUPANCY SENSOR MS-A102-O. INSTALL PER MANUFACTURER'S INSTALLATION
- PROVIDE LUTRON MAESTRO WALL MOUNTED VACANCY SENSOR MS-A102-V. INSTALL PER MANUFACTURER'S INSTALLATION
- PROVIDE LUTRON DIVA 0-10V DIMMER DVTV-WH WITH POWER PACK PP-DV.
- 5 PROVIDE 2 CHANNEL INTERMATIC ASTRONOMIC TIME CLOCK MODEL NO. ET8215C WITH 0-2 HOUR SPRING WOUND TIMER AND 4 POLE LIGHTING CONTACTOR. CONNECT SIGN, INTERIOR LIGHTING AND SHOW WINDOW RECEPTACLES.
- 6 PROVIDE JUNCTION BOX WITH DISCONNECT SWITCH IN CONCEALED LOCATION FOR CONNECTION TO SIGN LIGHTING. LOCATE DISCONNECT SWITCH IN CONCEALED ACCESSIBLE LOCATION PER NEC 600.6. E.C. SHALL MAKE FINAL CONNECTION TO SIGN AND CONTROL VIA TIME CLOCK. COORDINATE WITH SIGN VENDOR PRIOR TO ROUGH—IN.
- 7) PROVIDE FAN RATED JUNCTION BOX AND SEISMIC APPROVED HARDWARE ON ROOF TRUSSES.
- 8 PROVIDE SHOW WINDOW RECEPTACLE WITHIN 18" OF THE TOP OF THE WINDOW PER NEC 210.62.
- PROVIDE ENVIROFAN SPEED CONTROL MODEL NO. 105FR FOR CONTROL OF CEILING FANS.
- NEW RECESSED 3 WATT LED DOWNLIGHT PROVIDED AND INSTALLED BY OTHERS. CONNECTED AND CONTROLLED VIA A/V
- NEW RECESSED 3 WATT LED WALL WASH PROVIDED AND INSTALLED BY OTHERS. CONNECTED AND CONTROLLED VIA A/V SYSTEM.
- VERIFY IF THERE IS ADEQUATE GENERAL & EMERGENCY LIGHTING PRESENT. IF NOT COORDINATE WITH LANDLORD AND PROVIDE NEW.
- PROVIDE JUNCTION BOX MOUNTED TO UNISTRUT WITH SPEAKER CABLE FROM EACH SPEAKER LOCATION BACK TO A/V RACK WITH A 15' WHIP AT THE A/V RACK. COORDINATE EXACT LOCATION OF SPEAKERS WITH A/V VENDOR PRIOR TO ROUGH—IN. SEE SHEET E3.0 FOR A/V RACK LOCATION.
- PROVIDE JUNCTION BOX FOR SURFACE/PENDANT MOUNTED SPEAKER WITH SPEAKER CABLE FROM EACH SPEAKER LOCATION BACK TO A/V RACK. PROVIDE A 15' WHIP AT THE A/V RACK. SEE SHEET E3.0 FOR A/V RACK LOCATION.
- PROVIDE (1) CAT6 PLENUM RATED CABLE FOR EACH CAMERA LOCATION. THE CABLE SHALL RUN FROM EACH CAMERA BACK TO THE A/V RACK WITH A 15' WHIP LEFT AT EACH CAMERA LOCATION AND A 15' WHIP PROTRUDING FROM THE A/V CUT IN RING AT THE PLATFORM.
- (16) PENDANT MOUNT FIXTURE AT 11'0" A.F.F.

RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

06/02/2020

LIGHTING SCHEDULE ARCHITECTURAL FIXTURE TYPES - CYCLEBLAR PROTOTYPE MODEL# REMARKS REMARKS MODEL# DESCRIPTION WATTS VOLTAGE MANUFACTURER SYMBOL DESCRIPTION WATTS VOLTAGE MANUFACTURER MODEL# SYMBOL DESCRIPTION WATTS VOLTAGE MANUFACTURER REMARKS DESIGNATION DESIGNATION DESIGNATION EXIT, SNGL/DOUBLE. SUSPENDED 2'X4' L SUSPENSION MOUNTED AT 10' A.F.F. IN PROVIDED & PROVIDED & WALL WASH PROVIDED & INSTALLED BY A/V VENDOR. RED LETTERS, HIGH F1 PANEL LIGHT, 120V KONLITE KK-PS-24DW-50-LFSZ | LOBBY / CHECK-IN AREA. G.C. TO PROVIDE POWERED OVER 3W INSTALLED BY INSTALLED BY POWERED VIA AV RACK. LUMEN, UNIVERSAL SUSPENSION MOUNTING KIT. A/V VENDOR LITHONIA LIGHTING | LHQM-LED-R-HO RO | WALL/ CEILING MOUNT MOUNTED, SELF POWERED, REMOTE CAPABLE PROVIDED & PROVIDED & " DOWNLIGHT PROVIDED & INSTALLED BY A/V VENDOR. RECESSED 2'X4' LED 2BLT4-48L-ADP-120V F2 LITHONIA LIGHTING RECESSED AT CORRIDOR. POWERED OVER 3W INSTALLED BY INSTALLED BY EXIT, SNGL/DOUBLE, TROFFER EZ1-LP840 POWERED VIA AV RACK. ETHERNET A/V VENDOR A/V VENDOR RED LETTERS, **EMERGENCY LIGHT** COMBINATION, HIGH F5B LITHONIA LIGHTING LHQM-LED-R-HO WALL/ CEILING MOUNT LUMEN, UNIVERSAL MOUNTED, SELF RECESSED MOUNT IN GYP. CEILING IN POWERED, REMOTE " RECESSED LED LDN6-40-20-L06-120V RESTROOM AND UTILITY ROOM. RECESSED F3 12.7W CAPABLE DOWNLIGHT WH-LD-MVOLT-EZ1 MOUNT IN ACT CYCLE THEATER. WALL/ CEILING MOUNT PROVIDE WITH 90 DOUBLE HEAD ELM6L EMERGENCY UNIV LITHONIA LIGHTING MINUTE BATTERY. PROVIDE WPVS EMERGENCY UNIT LDN6-40-20-L06-RECESSED MOUNT IN GYP. CEILING IN ACCESSORY FOR SHOWER UNIT. F3E 120V WH-LD-MVOLT-EZ1 RESTROOM AND UTILITY ROOM. RECESSED 12.7W EMERGENCY MOUNT IN ACT CYCLE THEATER BATTERY PACK VALL MOUNT PROVIDE WITH 90 MINUTE EMERGENCY UNIT, 0 120V LITHONIA LIGHTING BATTERY AT FRONT ENTRY ON EXTERIOR WLTU MR WET LOCATION PENDANT MOUNTED @ 10'-0" A.F.F. AT REMOTE CAPABLE MOUNTED FAN WITH N/A 120V ENVIRONFAN GOLD LINE 160F-7 BLK CYCLE THEATER FAN SPEED CONTROL

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CONSULTANT

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REVISIONS

2020-05-26 FIELD COORDINATION

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SHEETNUMBER

E2.0

MECHANICAL EQUIPMENT SCHEDULE											
ITEM NO	DESCRIPTION	MCA	KW	VOLTS	PHASE	DISCONNECT	BKR	PNL-CKT	WIRE	GROUND	NOTES
RTU-1	ROOF TOP UNIT	12.0		480	3	30A/3P NON-FUSED	15A/3P	H-7,9,11	3/4"C. 3 #12	1#12	1,2,3,4,6
RTU-2	ROOF TOP UNIT	28.0		480	3	30A/3P NON-FUSED	30A/3P	H-2,4,6	3/4"C. 3#10	1#10	1,2,3,4,6
EF-1	EXHAUST FAN	I	0.137	120	1	20A/1P MOTOR RTD. SW.	20A/1P	P-7	1/2"C. 2 #12	1 #12	1,5
EF-2	EXHAUST FAN	-	0.137	120	1	20A/1P MOTOR RTD. SW.	20A/1P	P-7	1/2"C. 2 #12	1 #12	1,5
EF-3	DRYER BOOSTER FAN	I	0.083	120	1	20A/1P MOTOR RTD. SW.	20A/1P	P-35	1/2"C. 2 #12	1 #12	1
WH-1	WATER HEATER		6.000	480	1	LOCK OFF DEVICE	20A/2P	H-8,10	3/4"C. 2 #12	1 #12	1

1. VERIFY REQUIREMENTS OF EQUIPMENT.

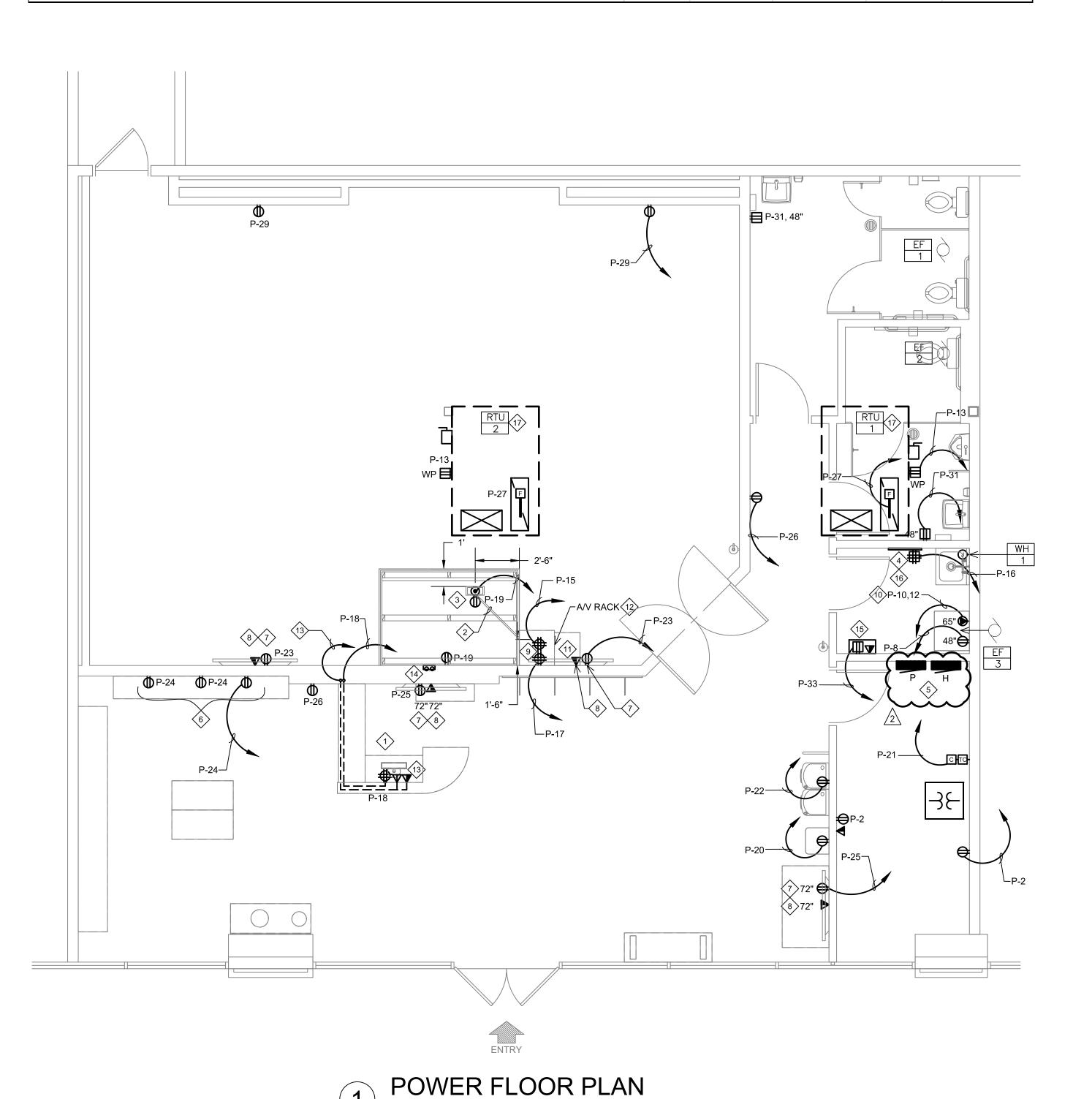
MOTOR/EQUIPMENT SCHEDULE NOTE (NOT ALL NOTES MAY BE USED)

2. PROVIDED DUCT SMOKE DETECTOR IN MAIN RETURN DUCT. DUCT SMOKE DETECTOR TO SHUT DOWN UNIT UPON ALARM CONDITION.

3. VERIFY NAMEPLATE RATING ON UNIT AS IT MAY DIFFER FROM LOADS SHOWN HERE.

4. PROVIDE CONNECTION TO MECHANICAL CONTRACTOR PROVIDED CONTROLS AS REQUIRED.
5. CONTROL VIA LIGHT SWITCH LOCATED IN ROOM. COORDINATE WITH MECHANICAL CONTRACTOR.

6. PROVIDE GFI SERVICE RECEPTACLE WITH WEATEHRPROOF IN-USE COVER. CIRCUIT AS SHOWN.



GENERAL NOTES:

- A. ALL WIRING SHALL BE #12 THHN MINIMUM FOR DRY LOCATIONS.
- B. ALL ELECTRICAL MATERIAL, DEVICES, AND EQUIPMENT SHALL BEAR "U.L." LABELS AND SHALL BE INSTALLED PER THE "N.E.C." AND PER THE LOCAL INSPECTION BUREAU'S REQUIREMENTS. ALL MATERIAL, DEVICES, AND EQUIPMENT SHALL BE GROUNDED PER "N.E.C."
- C. ALL CONTRACTORS SHALL VERIFY ALL REQUIREMENTS OF EQUIPMENT PRIOR TO COMMENCING WITH THE WORK.
- D. COORDINATE MOUNTING HEIGHTS AND OUTLET LOCATIONS WITH TENANT PRIOR TO ROUGH—IN.
- VERIFY METHOD OF CONNECTIONS TO ALL EQUIPMENT WITH TENANT PRIOR TO ROUGH—IN.
- PROVIDE MATCHING RECEPTACLE FOR ALL EQUIPMENT SUPPLIED WITH CORD AND PLUG. INSTALL CORD & PLUG ON EQUIPMENT WHICH WAS SHIPPED SEPARATELY. FURNISH AND INSTALL CORD & PLUG ON EQUIPMENT WHICH REQUIRES CORD & PLUG.
- G. INTERIOR BUILDING CONDUIT RUNS SHALL BE CONCEALED AT ALL TIMES (IN WALL, COUNTER, CEILING OR FLOOR). EXTERIOR BUILDING CONDUIT RUNS SHALL BE RIGID GRC. OR EQUAL. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT REQUIREMENTS AND TO INSURE COMPLETE ELECTRICAL INSTALLATION MEETS ALL APPLICABLE CODES AND REGULATIONS
- H. THIS CONTRACTOR IS RESPONSIBLE FOR PROVIDING THROUGH PENETRATION PROTECTION DEVICES AND FIRESTOPPING DEVICES AT ALL PIPES, LINE WIRING, DUCTWORK OR OTHER COMPONENTS THIS CONTRACTOR INSTALLS WHICH PENETRATE RATED WALLS OR FLOOR/CEILING ASSEMBLIES.
- I. COORDINATE COLOR OF RECEPTACLES AND COVER PLATE WITH ARCHITECT, ALL COVER PLATES IN THE CYCLE STUDIO SHALL BE PAINTED BLACK.
- J. THIS CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT REQUIRED FOR TEMPORARY ELECTRIC SERVICE SUFFICIENT FOR ALL NEW CONSTRUCTION.
- K. ALL KITCHEN, BATH AND SINK COUNTERTOP AND EXTERIOR WEATHERPROOF OUTLETS SHALL BE G.F.I. (GROUND FAULT INTERRUPT) TYPE. ALL DEVICES MOUNTED AT COUNTERTOP LEVEL OR AS MAY OTHERWISE BE REQUIRED. SHALL BE MOUNTED IN A FASHION SO THAT THE BOTTOM OF THE DEVICE TRIM, COVER PLATE, ETC... CAN BE FASTENED CLEAR OF ANY TRIM SUCH AS BACK SPLASHES, SIDEBOARDS, ETC. ANY REQUIRED RELOCATION OF DEVICES SHALL BE AT THE EXPENSE OF THIS CONTRACTOR.
- L. ALL EXTERIOR WIRING SHALL BE IN RIGID CONDUIT OR SCHEDULE 40 P.V.C. CONDUITS.
- M. VERIFY ALL EQUIPMENT LOADS, LOCATIONS AND PANELBOARD SCHEDULES PRIOR TO ROUTING CONDUITS, PULLING WIRE AND INSTALLING BREAKERS AND ELECTRICAL DEVICES.
- N. CODE AND REGULATIONS COMPLY WITH STATE AND LOCAL CODES, UTILITY COMPANY REGULATIONS AND THE LATEST EDITIONS OF: THE UNIFORM CODES (BUILDING, PLUMBING AND MECHANICAL) NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). FINAL INTERPRETATIONS WILL BE MADE BY THE LOCAL INSPECTION AUTHORITY.

KEY NOTES:

- PROVIDE QUAD RECEPTACLE AND DATA WITHIN RECEPTION DESK AT 24" A.F.F. FOR P.O.S. EQUIPMENT. POWER AND DATA CABLES SHALL BE RUN FROM WALL BEHIND DESK AND THEN INTO DESK MILLWORK TO LOCATIONS AS SHOWN. COORDINATE WITH MILLWORK VENDOR PRIOR TO ROUGH—IN.
- PROVIDE 1-1/2" FLEX CONDUIT FOR LOW VOLTAGE

 CONNECTIONS, IN AS STRAIGHT OF LINE AS POSSIBLE, FROM 18

 OFF OF THE BACK WALL AT THE A/V RACK LOCATION TO THE

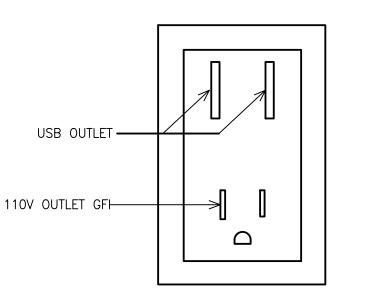
 FLOOR BOX AT THE TRAINERS INSTRUCTION STATION . SEE

 ARCHITECTURAL DETAILS FOR EXACT LOCATION AND ADDITIONAL INFORMATION.
- PREPACKAGED FLOOR BOX KIT PROVIDED BY OTHERS AT RAISED PLATFORM WITH A DEDICATED DUPLEX RECEPTACLE AND SEPARATION FOR LOW VOLTAGE CONNECTIONS. SEE ARCHITECTURAL SHEETS AND DETAIL 16/A8.1 FOR ADDITIONAL INFORMATION.
- 42"x16"x3/4" FIRE RETARDANT AC GRADE PLYWOOD TELEPHONE BOARD. EXTEND 1" CONDUIT FROM LANDLORD DEMARCATION POINT TO CYCLEBAR TELEPHONE BOARD LOCATION.
- 5 EXISTING ELECTRICAL PANELS AND SUSPENDED TRANSFORMER TO REMAIN. SEE RISER DIAGRAM AND PANEL SCHEDULE ON SHEET E4.0 FOR ADDITIONAL INFORMATION.
- 6 PROVIDE COMBO USB/RECEPTACLE AT CHECK—IN MOUNTED AT 48"
 A.F.F. TO BOTTOM OF UNIT. LEVITON T56631 ONE 120V PLUG, TWO
 USB PORTS, REFER TO DETAIL 2 ON THIS SHEET.
- TV RECEPTACLE AND DATA. VERIFY LOCATION AND MOUNTING HEIGHT WITH TENANT REPRESENTATIVE.
- 8 PROVIDE (2) CAT6A PLENUM RATED ETHERNET CABLES FROM TV LOCATION TO A/V RACK.
- 9 PROVIDE (2) DEDICATED QUAD RECEPTACLES FOR A/V RACK.
- 208V 10 ELECTRIC DRYER AT LOCATION SHOWN, PROVIDE 1"C. 3#10, 1#10 GRD.
- BALANCED XLR PATCH CABLE FROM SUBWOOFER TO A/V RACK.
- 12 A/V RACK SUPPLIED AND INSTALLED BY A/V CONTRACTOR.
- 13 POS TERMINAL PROVIDE (3) CAT6 CABLES TO A/V RACK.
- G.C. PROVIDED AV CABLING PROTRUDING FROM WALL VIA DOUBLE GANG PLASTER RING. PROVIDE 15' OF SLACK OF AV CABLING AT EACH END. LABEL CABLES CORRECTLY. E.C. TO STUB TWO (2) 1 1/2" CONDUITS 6" ABOVE CEILING FOR CABLING PATHWAY.
- CABLE MODEM LOCATION PROVIDE (2) CAT6 CABLES TO A/V
- (2) CAT-6 DATA LINES FROM TELEPHONE BOARD BACK TO AV RACK. TERMINATED AND LABELED BY G.C.
- PROVIDE AND INSTALL THE FOLLOWING: DUCT SMOKE DETECTOR IN **RETURN** MAIN DUCT AND REMOTE TEST STATION WITH VISIBLE AND AUDIBLE ALARM. SMOKE DETECTOR SHALL SHUT DOWN HVAC UNIT UPON DETECTION OF SMOKE. COORDINATE FINAL LOCATION OF REMOTE TEST STATION WITH AHJ.

NOTF.

ALL COVER PLATES, OUTLETS, AND SWITCHES IN THE CYCLE THEATER SHALL BE FACTORY BLACK ALL OTHERS TO BE FACTORY BRIGHT WHITE.

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI



2 USB/OUTLET COMBO DETAIL
NO SCALE



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