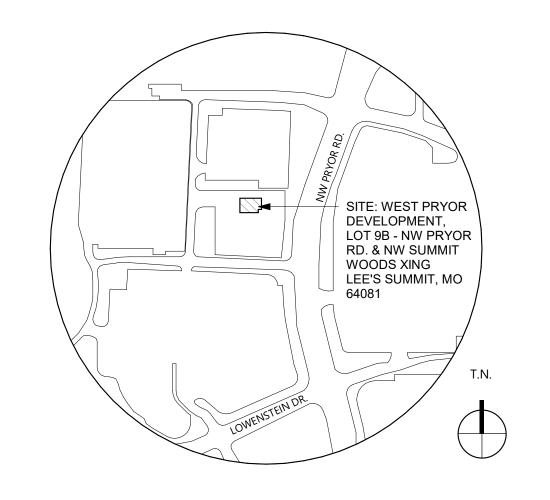
PNC MO LEE'S SUMMIT GROUND UP BRANCH



LEE'S SUMMIT, MO WEST PRYOR DEVELOPMENT, LOT 9A NEW PRYOR RD. & NW SUMMIT WOODS XING

RS&H JOB NO.: 524-0368-028

ISSUE DATE: 03/17/2022

DRAWING ISSUE: PERMIT DOCUMENT COMMENT RESPONSE 01

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ID100 INTERIOR FINISH SCHEDULE & LEGEND				
ID200 INTERIOR FINISH PLAN				



RS&H, Inc.

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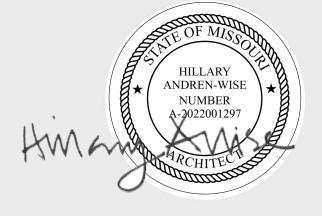
4835 LBJ Fwy. Suite 800 Dallas, TX 75244 (469)857-7739

Owner Contact: Gina Anderson

Vero Beach, FL (772)360-3156

Landlord:

David N. Olson 7200 W 133rd St. Ste 150 Overland Park, KS (314)413-3598



	ARCHITECTURAL	_ ABBREV	TATIONS	PLAN S	YMBOLS	MATERIAI	LSYMBOLS
&	AND	MATL.	MATERIAL	BUILDING SECTION	CALLOUT HEAD & REGION	1-HOUR RATED WALL	2-HOUR RATED WALL
@ Ø	AT DIAMETER	MAX. MECH	MAXIMUM MECHANICAL, ELECTRICAL & PLUMBING	SIM	SIM ()		
A.B.	ANCHOR BOLT	MEP MFGR.	MANUFACTURER MANAGER	A1 A101 A101	$\left(\begin{array}{c} A1 \\ A101 \end{array}\right)$		****
A/C ACT	AIR CONDITIONER ACOUSTICAL CEILING TILE	MGR. MIN.	MINIMUM MISCELLANEOUS MASONRY OPENING		<u> </u>		
ADJ AFF	ADJUSTABLE ABOVE FINISHED FLOOR	MISC. M.O.	MODIFIED	DETAIL SECTION	DOOR TAG	3-HOUR RATED WALL	SMOKE RATED WALL
A.F.S. AHU	ABOVE FLOOR SLAB AIR HANDLING UNIT	MOD MTL	METAL METAL WALL PANEL	A1 SIM ■	(XXX)		
ALUM ANOD.	ALUMINUM ANODIZED	MWP	NUMBER	A101	(AM)	=	
ANSI APPROX.	AMERICAN NATIONAL STANDARDS INSTITUTE APPROXIMATE OR APPROXIMATELY	NO. N/A	NOT APPLICABLE NATIONAL FIRE PROTECTION ASSOCIATION	ELEVATION - EXTERIOR	ELEVATION - INTERIOR	BATT INSULATION	CONCRETE
ARCH AVG A.W.I.	ARCHITECTURE, ARCHITECTURAL AVERAGE ARCHITECTURAL WOODWORK INSTITUTE	NFPA N.I.C. N.T.S.	NOT IN CONTRACT NOT TO SCALE		0		00.00.00.00
B.H.M.I.	BUILDER'S HARDWARE MANUFACTURER'S ASSOCIATION, INC.	0.C.	ON CENTER OUTSIDE DIAMETER		0 A-101 0		A A A A A
BIM BLDG.	BUILDING INFORMATION MODELING BUILDING	O.D. OFCI	OWNER FURNISHED CONTRACTOR INSTALLED OPENING	A-101	0 A-101 0		
BM. B.O.	BEAM BOTTOM OF	OPG OPP.	OPPOSITE OCCUPATIONAL SAFETY AND HEALTH ACT		0		
B.U.R.	BUILT-UP ROOFING	OSHA OVHD	OVERHEAD	KEYNOTE	LEVEL HEAD	EARTH	EXPOSED & FINISHED WOOD TRIM
<mark>ૄ</mark> ૄCO.T.S.	CENTERLINE CENTERLINE OF TENANT SEPARATION	PDU	POWER DISTRIBUTION UNIT PLASTIC LAMINATE	$\langle 0 \rangle$	Name Name		
C.J. CLG.	CONTROL JOINT CEILING	P.LAM. PLYWD.	PLYWOOD PANEL		Elevation		
CLR. CLO.	CLEAR CLOSET	PNL. PR.	PAIR PRE-FABRICATED	NORTH ARROW	REVISION TAG	GRASS	GRAVEL
CMU COL.	CONCRETE MASONRY UNIT COLUMN	PRE-FAB PSF	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH	N		[* * * * *	
COLS. CONC.	COLUMNS CONCRETE	PSI PT	PAINT, PRESSURE TREATED POLYVINYL CHLORIDE		<u></u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
CONT.	CONTINUOUS	PVC	QUARRY TILE				
D.S. DIA.	DOWNSPOUT DIAMETER	Q.T.	RADIUS	ROOM TAG	ROOM TAG W/ AREA	GYPSUM / PLASTER	MASONRY - BRICK
DR. DTL. OR DET.	DOOR DETAIL	R R.A.F.	RAISED ACCESS FLOOR RETURN AIR GRILLE	ROOM NAME	ROOM NAME		
DWG.	DRAWING	R.A.G. RB	RUBBER BASE RECEPTION, RECEPTIONIST	101	101 150 SF		
EA. E.F.S.	EACH EXTERIOR FACE OF SHEATHING	RECEP. REF	REFRIGERATOR, REFER, REFERENCE REINFORCING, REINFORCEMENT	OREGIAL TV FOLURMENT TAG		MACCHINA CONODELLE DI COM	DI WHOOD
E.J. ELEC.	EXPANSION JOINT ELECTRIC, ELECTRICAL	REINF REQ'D.	REQUIRED REVISED, REVISION	SPECIALTY EQUIPMENT TAG	VIEW REFERENCE	MASONRY - CONCRETE BLOCK	PLYWOOD
ELEV. E.O.S.	ELEVATION EDGE OF SLAB	REV. R.D.	ROOF DRAIN ROUGH OPENING	\(\time{XXX}\)	MATCHLINE		
ENG. E.P.	ENGINEER, ENGINEERING ELECTRICAL PANEL	R.O.	SEALED CONCRETE		SEE XX/A101		
EPDM EQ.	ETHYLENE PROPYLENE DIENE MONOMER EQUAL	SC SCHED.	SCHEDULE SOLID CORE WOOD	VIEW TITLE	WALL & CURTAIN WALL TAG	RIGID INSULATION	STEEL
EQUIP. E.R.D.	EQUIPMENT EMERGENCY ROOF DRAIN	SCW SECT.	SECTION SQUARE FEET	DRAWING TITLE			V // // // // // // // // // // // // //
E.T.D. E.W.C.	ESTIMATED TRAVEL DISTANCE ELECTRIC WATER COOLER	S.F. SFRM S.G.P.	SPRAYED FIRE RESISTIVE MATERIAL SEMI-GLOSS PAINT SQUARE INCHES	X X	X1		
EXIST. EXP. EXT.	EXISTING EXPANSION, EXPOSED EXTERIOR	S.G.P. SQ. IN. SHT.	SQUARE INCHES SHEET SHEETS	SCALE: 1/8" = 1'-0"			<u> </u>
F.D.	FIRE DAMPER, FLOOR DRAIN	SHTS. SIM.	SIMILAR SPECIFICATIONS	WALL SECTION	WINDOW & LOUVER TAG	STUCCO / E.I.F.S.	TILE / CARPET
F.D. FDC FDN.	FIRE DEPARTMENT CONNECTION FOUNDATION	SPECS S.S.	SERVICE SINK SOUND TRANSMISSION CLASS	A1 SIM			
FE FEC	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	STC STD.	STANDARD STEEL	A101	(XXX)		
F.F. F.F.E.	FINISHED FLOOR FINISHED FLOOR ELEVATION	STL. STOR.	STORAGE STRUCTURAL, STRUCTURE				
FHC FIN.	FIRE HOSE CABINET FINISH, FINISHED	STRUCT SUSP.	SUSPENDED SQUARE				
FLR. F.O.	FLOOR FACE OF	SQ.	TONGUE & GROOVE				
F.O.B. F.O.P.	FACE OF BRICK FACE OF POST	T&G TEL.	TELEPHONE TEMPERED GLASS				
FT. FTG.	FEET FOOTING	TG T.O.STL.	TOP OF STEEL TOP OF BRICK, TOP OF BEAM				
F.V. FRP	FIELD VERIFY FIBER REINFORCED PANEL	T.O.B. T.O.S.	TOP OF STEEL, TOP OF SLAB TOP OF SHEATHING				
GA.	GAUGE	T.O.SH. T.O.W.	TOP OF WALL TYPICAL				
GALV. GBF	GALVANIZED GYPSUM BOARD FURRING	TYP.	UNDERWRITERS LABORATORIES				
GL. G.P.	GLASS GLOSSY PAINT	U.L. U.O.N.	UNLESS OTHERWISE NOTED				
GYP. GWB	GYPSUM GYPSUM WALL BOARD	VCT OR VT	VINYL COMPOSITION TILE VAPOR BARRIER				
HB HDW	HOSE BIBB	VB VDC	VIRTUAL DESIGN & CONSTRUCTION VERTICAL				
HDW HGT. OR HT.	HARDWARE HEIGHT	VERT. VR	VIRTUAL REALITY				
HKS HM HORIZ.	HOOKS HOLLOW METAL HORIZONTAL	W/ W.C.	WITH WATER CLOSET WALL CLEANOUT				
HVAC	HEATING VENTILATION & AIR CONDITIONING	W.C. WCO WMP	WALL CLEANOUT WIRE MESH PARTITION WOOD				
I.D. I.F.S.	INSIDE DIAMETER INTERIOR FACE OF STUD	WD WWF	WELDED WIRE FABRIC				
i.e. IN.	THAT IS, SUCH AS INCH, INCHES	YD.	YARD				
IN. INSUL. INT.	INSULATION INTERIOR	15.					
JT.	JOINT						
JAN. JST.	JANITOR JOIST						
K.P.	KICK PLATE						
LAM.	LAMINATE						
LAV. LB.	LAVATORY POUND						
LDG. LONG.	Landing Longitudinal						
LT. LTG.	LIGHT LIGHTING						
LRV. LVT	LOUVER LUXURY VINYL TILE						
LVP	LUXURY VINYL PLANK						

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PNC

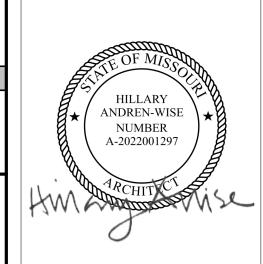
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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS:
LEE'S SUMMIT, MO
WEST PRYOR DEVELOPMENT, LOT
9A
NEW PRYOR RD. & NW SUMMIT
WOODS XING

LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE
DATE ISS	UED:	02/15/20
REVIEWE	D BY:	HA

DRAWN BY:

DESIGNED BY:

PROJECT NUMBER:

524-0368-028

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GENERAL NOTES, ABBREVIATIONS AND SYMBOLS

SHEET TITLE:

SHEET ID:

G002

PROJECT STATUS:
PERMIT DOCUMENTS

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RELEASED FOR
CONSTRUCTION
As Noted on Plans Review

Development Services Departmen
Lee's Summit, Missouri
03/28/2022



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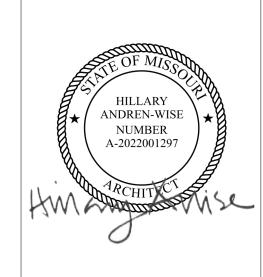


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PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS:
LEE'S SUMMIT, MO
WEST PRYOR DEVELOPMENT, LOT
9A
NEW PRYOR RD. & NW SUMMIT
WOODS XING

LEE'S SUMMIT, MO 64081



NO	DECODIBIION	DATE
NO.	DESCRIPTION	DATE

DATE ISSUED:	02/15/
REVIEWED BY:	ŀ
DRAWN BY:	
DESIGNED BY:	
PROJECT NUMBER:	
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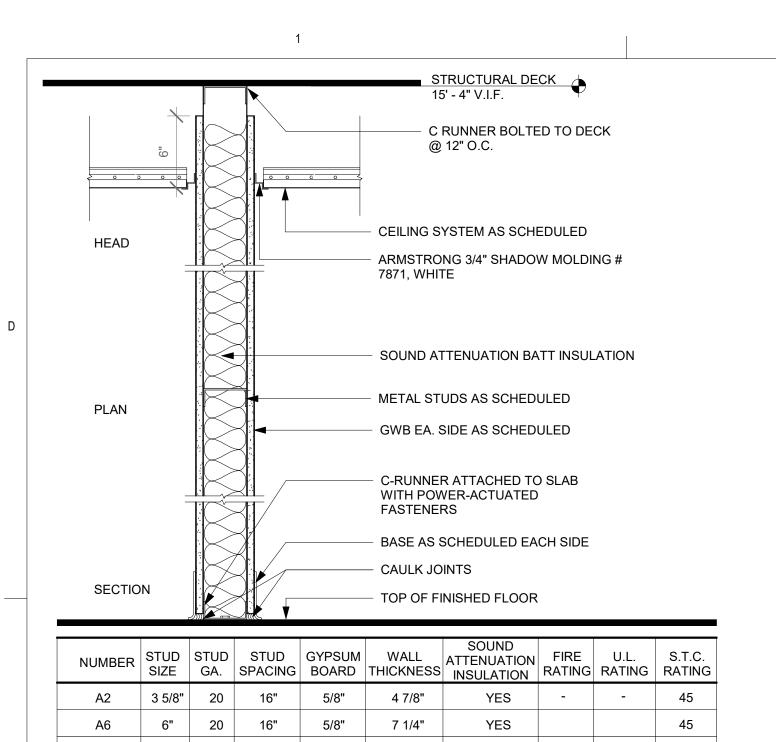
SHEET TITLE:

RESPONSIBILITY MATRIX

SHEET ID:

G004

PROJECT STATUS:
PERMIT DOCUMENTS



8" 20 16"

PLAN

TREATED

DECK AS

SECTION

HEAD

ATTENUATION

BATT INSULATION

PLYWOOD TO

SCHEDULED (ELEC/IT ROOM) 5/8"

STRUCTURAL DECK
15' - 4" V.I.F.

@ 12" O.C.

7871, WHITE

GWB AS SCHEDULED

C-RUNNER ATTACHED TO SLAB

BASE AS SCHEDULED EACH SIDE

STRUCTURAL DECK

C RUNNER BOLTED TO DECK

METAL STUDS AS SCHEDULED

GWB EA. SIDE AS SCHEDULED

WC-3. SEE FINISH SCHEDULE

3/8" FIRE TREATED PLYWOOD

GWB EA. SIDE AS SCHEDULED

INSTALLED BY OTHERS

TOP OF FINISHED FLOOR

YES

HAWORTH ENCLOSE WALL GLAZING SYSTEM & DOORS SUPPLIED &

(2) 6" METAL STUD BOX HEADERS

FABRITRAK; PANEL SYSTEMS - WHISPERTONE

TACKBOARD. 1/2" DEEP, FABRIC WRAPPED,

YES - -

WITH POWER-ACTUATED

TOP OF FINISHED FLOOR

15' - 4" V.I.F.

@ 12" O.C.

FASTENERS

CAULK JOINTS

NUMBER STUD STUD STUD GYPSUM WALL ATTENUATION FIRE U.L. S.T.C. STUD SIZE GA. SPACING BOARD THICKNESS INSULATION RATING RATING RATING

E2 3 5/8" 20 16" 5/8" 4 7/8"

PARTITION TYPE 'E'

CEILING SYSTEM AS SCHEDULED

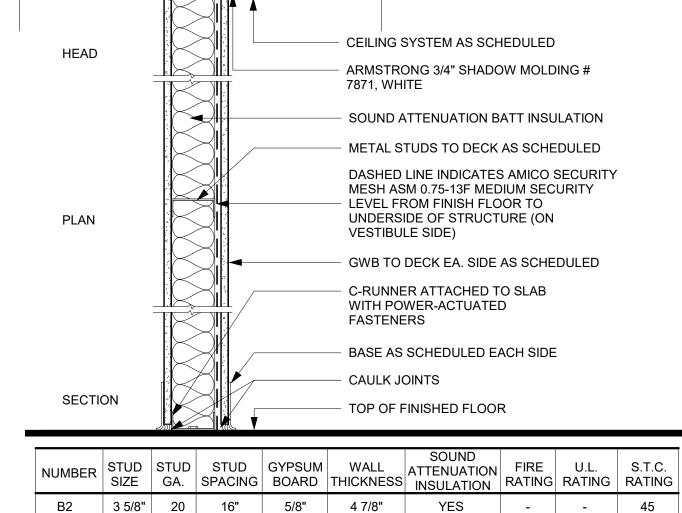
ARMSTRONG 3/4" SHADOW MOLDING #

SOUND ATTENUATION BATT INSULATION

METAL STUDS TO DECK AS SCHEDULED

C RUNNER BOLTED TO DECK

PARTITION TYPE 'A' (BUILDING STANDARD)



STRUCTURAL DECK

C RUNNER BOLTED TO DECK

15' - 4" V.I.F.

@ 12" O.C.

STRUCTURAL DECK 15' - 4" V.I.F. C RUNNER BOLTED TO DECK @ 12" O.C. 0 6 0 0000 CEILING SYSTEM AS SCHEDULED HEAD ARMSTRONG 3/4" SHADOW MOLDING # 7871, WHITE METAL STUDS TO DECK AS SCHEDULED SOUND ATTENUATION BATT INSULATION DASHED LINE INDICATES AMICO SECURITY MESH ASM 0.75-13F MEDIUM SECURITY LEVEL FROM BOX HEADER TO UNDERSIDE OF STRUCTURE (ON VESTIBULE SIDE) GWB TO DECK EA. SIDE AS SCHEDULED METAL STUD BOX HEADER INTERIOR ALUMINUM STOREFRONT SYSTEM AS SCHEDULED TOP OF FINISHED FLOOR SECTION NUMBER STUD STUD STUD GYPSUM WALL ATTENUATION FIRE U.L. S.T.C. STUD SPACING BOARD THICKNESS INSULATION RATING RATING C2 3 5/8" 20 16" 5/8" 4 7/8"

STRUCTURAL DECK

@ 12" O.C.

CEILING SYSTEM AS SCHEDULED

7871, WHITE

ARMSTRONG 3/4" SHADOW MOLDING #

SOUND ATTENUATION BATT INSULATION

METAL STUDS TO DECK AS SCHEDULED

MESH ASM 0.75-13F MEDIUM SECURITY

LEVEL FROM FINISH FLOOR TO

VESTIBULE/WORKROOM SIDE)

GWB TO DECK AS SCHEDULED

C-RUNNER ATTACHED TO SLAB

BASE AS SCHEDULED EACH SIDE

YES

15' - 4" V.I.F.

@ 12" O.C.

7871, WHITE

CEILING SYSTEM AS SCHEDULED

ARMSTRONG 3/4" SHADOW MOLDING #

SOUND ATTENUATION BATT INSULATION

GWB TO DECK EA. SIDE AS SCHEDULED

METAL STUDS AS SCHEDULED

C-RUNNER ATTACHED TO SLAB

BASE AS SCHEDULED EACH SIDE

YES

WITH POWER-ACTUATED

TOP OF FINISHED FLOOR

FASTENERS

CAULK JOINTS

NUMBER STUD STUD STUD GYPSUM WALL THICKNESS SOUND ATTENUATION RATING RATING RATING RATING

STRUCTURAL DECK

C RUNNER BOLTED TO DECK

WITH POWER-ACTUATED

TOP OF FINISHED FLOOR

FASTENERS

CAULK JOINTS

NUMBER STUD STUD STUD GYPSUM WALL ATTENUATION RATING RATING RATING RATING

G2 3 5/8" 20 16" 5/8" 4 1/4"

PARTITION TYPE 'G'

0 3 0 0

HEAD

PLAN

UNDERSIDE OF STRUCTURE (ON

DASHED LINE INDICATES AMICO SECURITY

. . . .

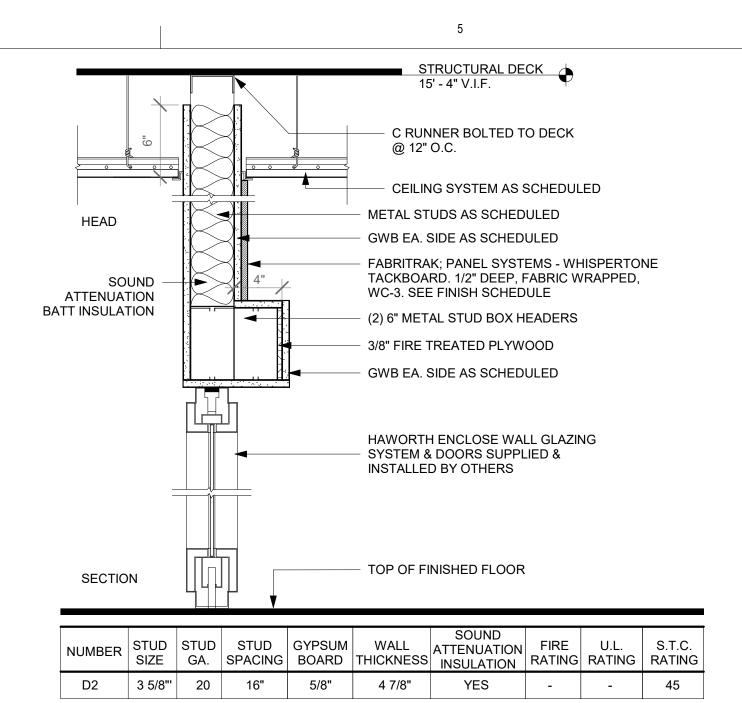
C RUNNER BOLTED TO DECK

PARTITION TYPE 'C'

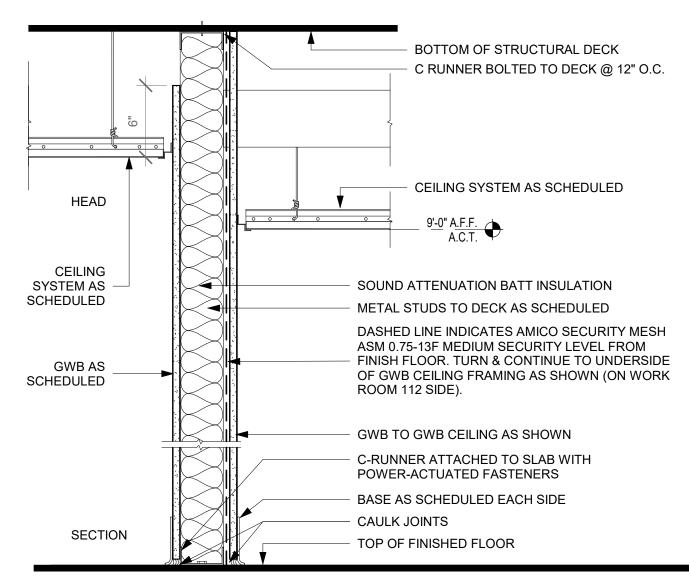
SECTION

PLAN

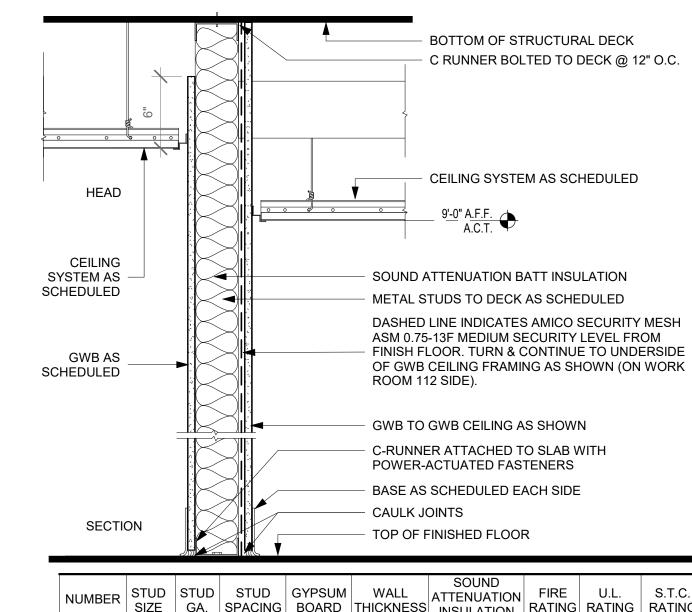
SECTION



PARTITION TYPE 'D'



NUMBER	STUD SIZE	STUD GA.	STUD SPACING	GYPSUM BOARD	WALL THICKNESS	SOUND ATTENUATION INSULATION	FIRE RATING	U.L. RATING	S.T.C. RATING
J2	3 5/8"	20	16"	5/8"	4 7/8"	YES	-	-	45
J6	6"	20	16"	5/8"	7 1/4"	YES	-	-	45



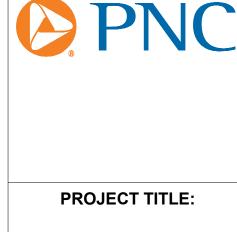
NUMBER	STUD SIZE	STUD GA.	STUD SPACING	GYPSUM BOARD	WALL THICKNESS	SOUND ATTENUATION INSULATION	FIRE RATING	U.L. RATING	S.T. RATI
J2	3 5/8"	20	16"	5/8"	4 7/8"	YES	-	-	45
J6	6"	20	16"	5/8"	7 1/4"	YES	-	-	45

PARTITION TYPE 'J'

SHEET TITLE:

PARTITION TYPE NOTES

- USE GYPSUM WALLBOARD ACCESSORIES AS SPECIFIED ON THE DRAWINGS OR IN THE SPECIFICATIONS. SUBSTITUTIONS MUST HAVE APPROVAL OF THE ARCHITECT PRIOR TO
- LOCATIONS WHERE SCHEDULED PARTITION TO TOP TRACK ATTACHES TO CEILING GRID. SHIM AS DIRECTED BY BUILDING MANAGER WITH ATTACHMENTS AT 48" MINIMUM INTERVALS. ALL NEW WALLS OVER 12'-0" IN LENGTH BETWEEN INTERSECTING PARTITIONS SHALL BE BRACED TO STRUCTURE TO RESIST LATERAL LOADING.
- SOUND ATTENUATION INSULATION: UNLESS SPECIFIED OTHERWISE IN THE FOLLOWING PARAGRAPHS, EITHER MINERAL WOOL OR GLASS FIBER INSULATION WILL BE ACCEPTABLE INSULATION SHALL BE EITHER 6 P.C.F., BLANKET OR BATT TYPE IN WIDTH REQUIRED TO FILL THE SPACES. FRICTION FIT SNUGLY IN PLACE BETWEEN THE STUDS USED IN PARTITIONS.
- ALL INSULATION IN WALLS TO BE 25 FLAME SPREAD 450 SMOKE DEVELOPED. G.C. IS TO PROVIDE FIRE-TREATED PLYWOOD AND/OR METAL BLOCKING IN WALL BEHIND MILLWORK/CABINETRY/SHELVING/ DOOR & WALL CLASS A STOPS FOR MOST SECURE METHOD OF ANCHORING, AS WELL AS BEYOND WALL MOUNTED FURNITURE WITHIN OFFICES.



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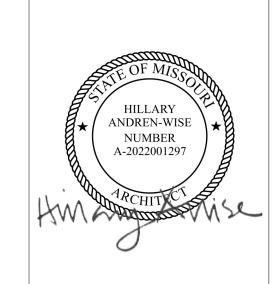
SUITE 1100, DENVER, CO 80237

303-409-9700 FAX 303-409-9701

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MO LICENSE NOS. 2003019618 * 2003019636

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE

REVISIONS

DATE ISSUED:

EVIEWED BY:	SLC
RAWN BY:	PAF
ESIGNED BY:	RS&F
ROJECT NUMBER:	
524-0368-028	
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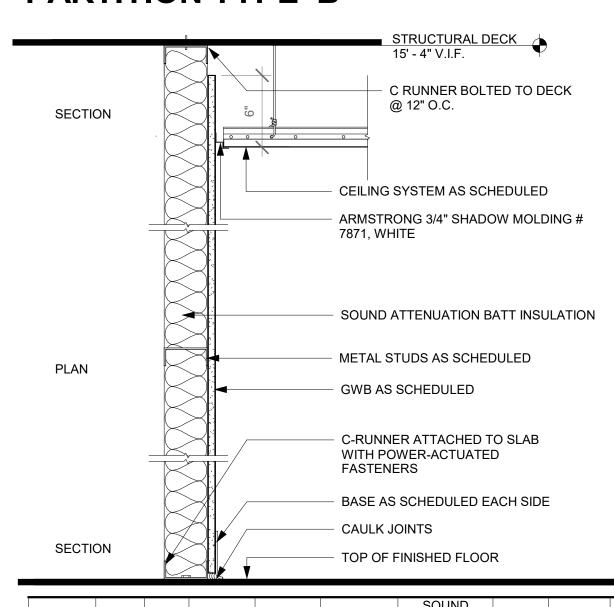
02/15/2022

PARTITION TYPES

SHEET ID:

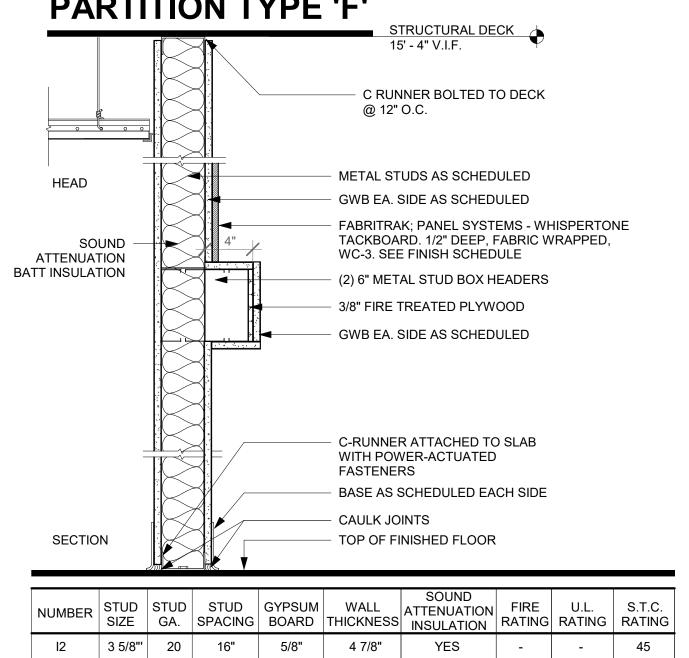
PROJECT STATUS: PERMIT DOCUMENTS

PARTITION TYPE 'B'



_										
	NUMBER	STUD SIZE	STUD GA.	STUD SPACING	GYPSUM BOARD	WALL THICKNESS	SOUND ATTENUATION INSULATION	FIRE RATING	U.L. RATING	S.T.C RATIN
	F2	3 5/8"	20	16"	5/8"	4 7/8"	YES	-	-	45
	F4	2 1/2"	20	16"	5/8"	2 1/2"	NO	-	-	-

PARTITION TYPE 'F'



PARTITION TYPE 'I'

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H2 3 5/8" 20 16" 5/8" 4 7/8"

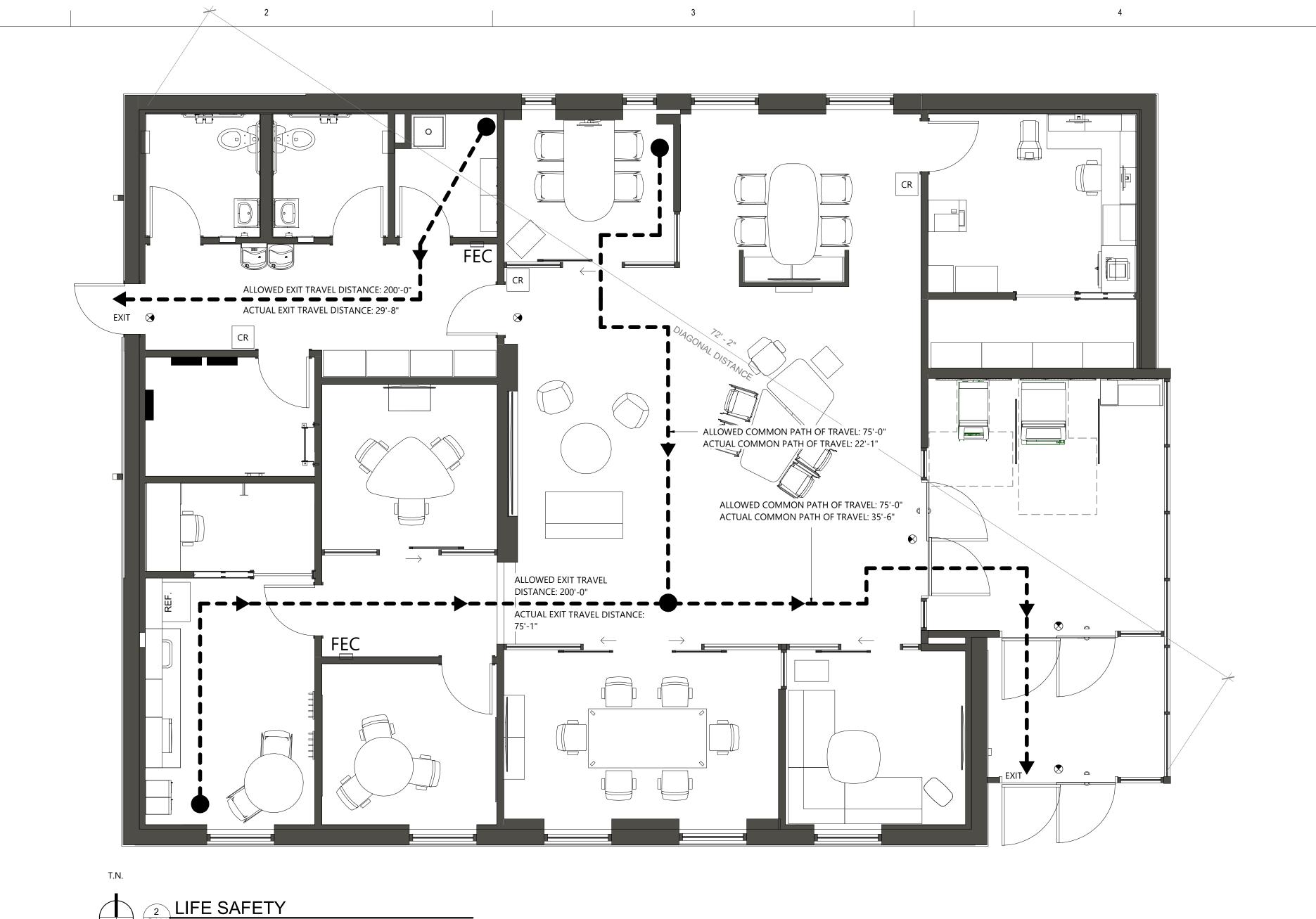
PARTITION TYPE 'H'

NUMBER STUD STUD STUD GYPSUM WALL SIZE GA. SPACING BOARD THICKNESS SOUND ATTENUATION INSULATION INSULATION RATING RATING

K2 3 5/8" 20 16" 5/8" 4 7/8"

SECTION

PARTITION TYPE 'K'



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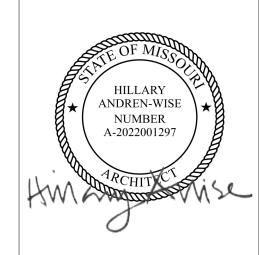
RS&H, Inc. 4582 S ULSTER STREET **SUITE 1100, DENVER, CO 80237** 303-409-9700 FAX 303-409-9701

PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



REV	ISIONS	
NO.	DESCRIPTION	DATE

02/15/2022

Checker

Designer

Author

DATE ISSUED:

REVIEWED BY:

DESIGNED BY:

PROJECT NUMBER:

524-0368-028

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SHEET TITLE:

LIFE SAFETY PLAN

SHEET ID:

DRAWN BY:

FIRE PROTECTION NOTES

- REFER TO RELATED ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DOCUMENTS.
- EXIT LIGHTS AND EMERGENCY LIGHTING TO BE INSTALLED PER CODE REQUIREMENTS. LOCATIONS TO BE APPROVED BY ARCHITECT VIA SHOP DRAWING SUBMITTAL. LOCATIONS ON ARCHITECTURAL DRAWINGS ARE FOR DESIGN INTENT ONLY.

INTERIOR WALLS AND CEILING FINISH REQUIREMENTS FOR BUSINESS OCCUPANCY SHALL BE CLASS B PER IBC TABLE 803.11 FOR

EXIT ACCESS TRAVEL DISTANCE SHALL NOT BE MORE THAN 200 FEET WITHOUT AUTOMATIC SPRINKLER SYSTEM PER IBC TABLE

PORTABLE FIRE EXTINGUISHERS IN BUSINESS OCCUPANCIES WITH QUICK RESPONSE SPRINKLERS SHALL BE REQUIRED AS NOTED

EXIT ENCLOSURES AND EXIT PASSAGEWAYS, CLASS C FOR CORRIDORS, AND CLASS C FOR ROOMS AND ENCLOSED SPACES.

COORDINATE EXIT LIGHTS WITH GENERAL LIGHT FIXTURES.

LIFE SAFETY NOTES

MEANS OF EGRESS PER IBC 1001.

EXIT SIGNS PER IBC 1013.

PER IBC SECTION 906.

PROJECT SUMMARY

NEW GROUND UP BANK BRANCH TO INCLUDE: LOBBY WITH 24-HOUR ACCESS TO 2 ATM(S) AND AFTER HOUR DEPOSITORY. THE REMAINDER OF NEW BRANCH WILL BE ACCESSIBLE DURING NORMAL BANKING HOURS AND WILL INCLUDE: WAITING AREA, COLLABORATIVE SPACE, CONFERENCE ROOM, HUB, FLEX, GATHERING, AND CHAT LOUNGE; OFF-STAGE, WORK AND CASH ROOMS FOR PRIVATE BANK WORK; BREAK ROOM FOR BANK STAFF; AND, STORAGE, JANITOR'S,

ELECTRICAL/IT ROOM, AND RESTROOMS. ALL ASSOCIATED STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL, AND EXTERIOR FACADE SYSTEMS TO BE INSTALLED TO SUPPORT NEW CONSTRUCTION AND EQUIPMENT. NEW METAL CANOPIES ARE INCLUDED.

APPLICABLE CODES

2018 INTERNATIONAL BUILDING CODE, IBC

2018 INTERNATIONAL MECHANICAL CODE, IMC 2018 INTERNATIONAL PLUMBING CODE, IPC

2018 INTERNATIONAL FUEL GAS CODE, IFGC

2018 INTERNATIONAL ENERGY CONSERVATION CODE, IECC 2018 INTERNATIONAL FIRE CODE, IFC

2017 NFPA 70 - NATIONAL ELECTRICAL CODE

ICC/ANSI 117.1-2009 - ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

OCCUPANCY COUNTS + EGRESS

OCCUPANT LOAD: GROUP B - BUSINESS OCCUPANT LOAD FACTORS

BUSINESS AREAS = 1 OCCUPANT / 150 SF GROSS

2,728 SF X 1 OCCUPANT / 150 SF = 18.2 = 19 OCCUPANTS

25 OCCUPANTS x 0.2"/ 1 OCCUPANT = 5" REQUIRED EXIT WIDTH

2 EXIT DOORS = 110" EXIT WIDTH PROVIDED

1 @ 76" CLEAR WIDTH 1 @ 34" CLEAR WIDTH

PLUMBING FIXTURE COUNT

CODE SUMMARY

MAX. ALLOWED COMMON PATH OF TRAVEL: **ACTUAL COMMON PATH OF TRAVEL:**

ACTUAL EXIT ACCESS TRAVEL DISTANCE:

MAX. ALLOWED EXIT ACCESS TRAVEL DISTANCE:

GROUND UP BUILDING:

TENANT OCCUPANCY:

CONSTRUCTION TYPE:

EMERGENCY LIGHTING:

SQUARE FOOTAGE:

FIRE SPRINKLERS: FIRE ALARM:

EXITS PROVIDED:

CLASSIFICATION OF WORK:

OCCUPANCY	WATER CLOSETS	LAVATORIES	DRINKING FOUNTAINS	SERVICE SINKS
BUSINESS 25 OCCUPANTS	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	1 PER 100	1
REQUIRED	2 REQUIRED	2 REQUIRED	1 REQUIRED	1 REQUIRED
TOTAL PROVIDED	2 PROVIDED	2 PROVIDED	1 PROVIDED (HI-LO UNIT)	1 PROVIDED

GROUP B - BUSINESS

NEW CONSTRUCTION

TYPE II-B

2,728 SF

YES

37' - 5"

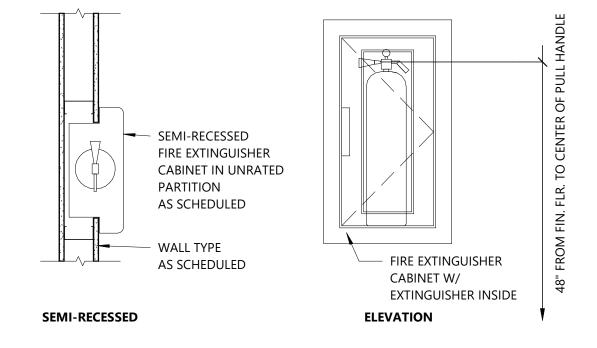
75' - 1"

200'

TRAVEL PATH **NEW WALL** STARTING POINT FIRE EXTINGUISHER FEC CABINET EXIT LIGHT

FIRE EXTINGUISHER CABINET

LEGEND



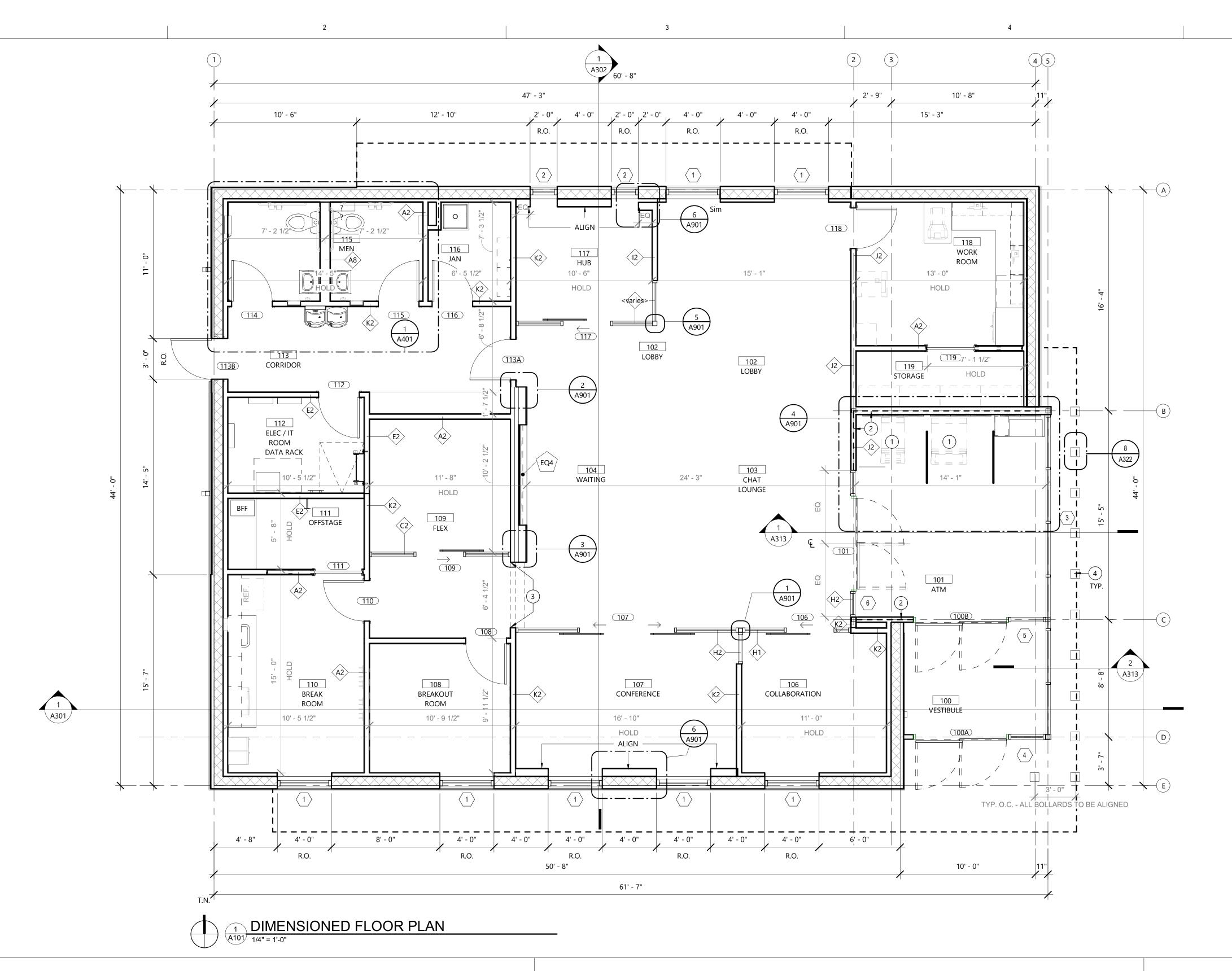
PROJECT STATUS: BASIS OF DESIGN: LARSEN'S AL2409-5R, SEMI-RECESSED, ARCHITECTURAL SERIES AND MP5-A

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FIRE EXTINGUISHERS DURING CONSTRUCTION PER IBC 3309.

SERIES 5 LBS CAPACITY (3A:40B:C) FIRE EXTINGUISHER WITH BRACKET.

PERMIT DOCUMENTS



GENERAL NOTES

- SEE PARTITION TYPES FOR ADDITIONAL INFORMATION.
- ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD WALL, U.N.O. ALL EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY, OR COLUMN LINES, U.N.O.
- DIMENSIONS NOTED "AS REQUIRED" OR "VERIFY" ARE TO BE VERIFIED WITH THE ARCHITECT FOR FINAL APPROVAL BEFORE FINAL CONSTRUCTION. G.C. IS NOT TO PROCEED WITH CONSTRUCTION IF A DIMENSION(S) IS IN QUESTION OR ERROR. ALL EXTERIOR CORNERS OF GYP. BD. PARTITIONS SHALL HAVE SCREW ATTACHED
- METAL CORNER BEADS, U.N.O. LOCATIONS WHERE PARTITIONS TERMINATE AT WINDOW MULLIONS, CENTER THE PARTITION ON THE MULLION, U.N.O. DO NOT FASTEN INTO MULLIONS. WHERE PARTITIONS TERMINATE AT BUILDING PERIMETER COLUMNS, PROVIDE CLOSURE TO
- GLASS. REFER TO DETAILS ON PLANS. ALL GYPSUM WALLBOARD CONSTRUCTION SHALL BE PLUMB AND IN TRUE STRAIGHT
- LINES. ALL GYPSUM WALLBOARD CONSTRUCTION SHALL CONFORM TO MANUFACTURER'S WRITTEN STANDARDS OF CONSTRUCTION. NEW WALL SURFACES SHALL BE PROPERLY PREPARED TO RECEIVE NEW FINISH(ES).
- JOINTS SHALL NOT BE VISIBLE AFTER NEW FINISH HAS BEEN APPLIED. DOOR FRAMES OCCURRING ADJACENT TO INTERSECTING PARTITIONS SHALL BE INSTALLED FOUR (4) INCHES FROM PARTITION UNLESS NOTED SPECIFICALLY ON
- USE GYPSUM WALLBOARD ACCESSORIES AS SPECIFIED ON THE DRAWINGS OR IN THE SPECIFICATIONS. SUBSTITUTIONS MUST HAVE APPROVAL OF THE ARCHITECT PRIOR TO INSTALLATION.

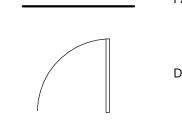
- 11. LOCATIONS WHERE SCHEDULED PARTITION TO TOP TRACK ATTACHES TO CEILING GRID. SHIM WITH ATTACHMENTS AT 48" MINIMUM INTERVALS.
- 12. ALL NEW WALLS OVER 12'-0" IN LENGTH BETWEEN INTERSECTING PARTITIONS SHALL BE BRACED TO STRUCTURE TO RESIST LATERAL LOADING.
- 13. GYPSUM WALLBOARD ON PARTITIONS REQUIRING A RATING OF ONE-HOUR OR MORE SHALL BE TAPED AND THE SCREWS SPOTTED WHETHER OR NOT WALL TREATMENT IS SCHEDULED.
- 14. SOUND ATTENUATION INSULATION: UNLESS SPECIFIED OTHERWISE IN THE FOLLOWING PARAGRAPHS, EITHER MINERAL WOOL OR GLASS FIBER INSULATION WILL BE ACCEPTABLE. INSULATION SHALL BE EITHER 6 P.C.F., BLANKET OR BATT TYPE IN WIDTH REQUIRED TO FILL THE SPACES. FRICTION FIT SNUGLY IN PLACE BETWEEN THE STUDS USED IN PARTITIONS.
- ALL INSULATION IN WALLS TO BE 25 FLAME SPREAD 450 SMOKE DEVELOPED. 16. G.C. IS TO PROVIDE FIRE-TREATED PLYWOOD AND/OR METAL BLOCKING IN WALL BEHIND MILLWORK/CABINETRY/SHELVING/DOOR & WALL STOPS FOR MOST SECURE METHOD OF ANCHORING, AS WELL AS BEYOND WALL MOUNTED FURNITURE WITHIN
- 17. MITER ALL CORNERS WHERE APPLICABLE. 18. ALL VISIBLE BLOCKING BELOW COUNTERS IS TO BE PAINTED TO MATCH WALL

OFFICES. SEE CASEWORK DETAIL.

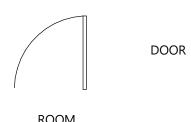
FLOOR PLAN KEYED NOTES

- 1) COORDINATE EXACT DIMENSIONS OF ATMS WITH OWNER'S VENDOR.
- 2 DASHED LINE TO REPRESENT EXTENT OF SECURITY MESH APPLICATION. SEE PARTITION TYPES.
- 3 ALIGN FINISH FACE OF WALLS
- 4) LIGHTED SECURITY BOLLARD @ 36" O.C.. COORDINATE WITH CIVIL DRAWINGS.

LEGEND

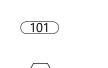


PARTITION



ROOM TAG

DOOR TAG



WINDOW TAG

PARTITION TYPES

PROJECT STATUS:

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PARTITION WITH SECURITY MESH. SEE

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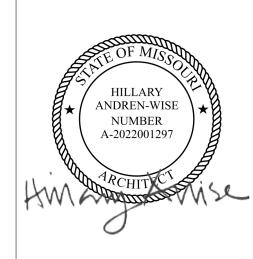
MO LICENSE NOS. 2003019618 * 2003019636

PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



REVISIONS NO. DESCRIPTION

02/15/2022 DATE ISSUED: **REVIEWED BY:** DRAWN BY: DESIGNED BY:

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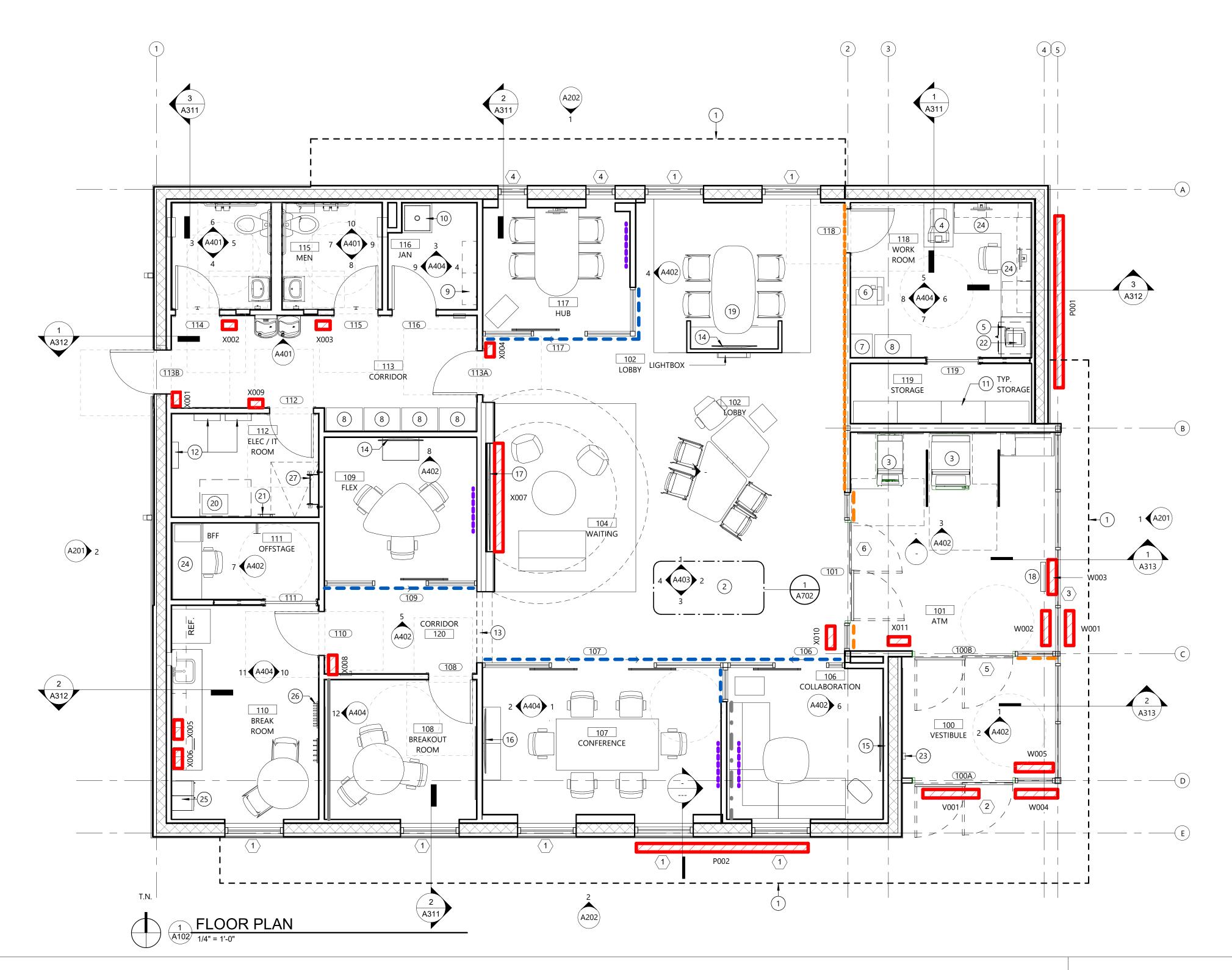
PROJECT NUMBER:

SHEET TITLE:

DIMENSIONED FLOOR PLAN

SHEET ID:

PERMIT DOCUMENTS



FLOOR PLAN KEYED NOTES (SEE FF+E PLAN FOR ADDITIONAL INFORMATION)

- 1 CANOPY (OVERHEAD)
- 2 "PERCH" CASEWORK TO BE PROVIDED AND INSTALLED BY G.C.
- FREE- STANDING, WALK-UP ATM. WITH SURROUNDING G.C. TO COORDINATE PLACEMENT WITH PNC AND VENDOR.
- (4) ICI MACHINE TO BE PROVIDED BY PNC.
- 5 CASH SAFE UNDER COUNTER. G.C. TO COORDINATE PLACEMENT
- 6 SMALL MFD PRINTER TO BE PROVIDED BY PNC.
- 7 SHRED BIN.
- 8 LATERAL FILE CABINET TO BE PROVIDED BY PNC.
- 9 WALL SHELVING. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- SERVICE SINK. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. INFORMATION.

- (11) FREESTANDING HEAVY DUTY SHELVING PROVIDED BY PNC.
- (12) ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFROMATION.
- (13) SOFFIT / BULKHEAD ABOVE
- 43" MONITOR. REFER TO INTERIOR ELEVATION FOR MOUNTING HEIGHT.

 SEE: 10/A901 FOR RECESSED MOUNTING DETAILS. SEE: 10/A901 FOR RECESSED MOUNTING DETAILS
- 50" MONITOR. REFER TO INTERIOR ELEVATION FOR MOUNTING HEIGHT.
- SEE: 9/A901 FOR RECESSED MOUNTING DETAILS
- 55" MONITOR. REFER TO INTERIOR ELEVATION FOR MOUNTING HEIGHT. SEE 9/A901 FOR RECESSED MOUNTING DETAILS.
- (17) 98" MONITOR. REFER TO INTERIOR ELEVATION FOR MOUNTING HEIGHT. SEE A401 FOR RECESSED MOUNTING DETAILS.
- 24" x 48" DOUBLE-SIDED LIGHT BOX BY PNC. GC SHALL COORDINATE FINAL PLACEMENT WITH SIGNAGE VENDOR. INTENT IS THAT IT IS CENTERED ON THE ADJACENT GLAZING UNIT.
- (19) GATHERING TABLE AND SEATING BY OTHERS. G.C. TO COORDINATE PLACEMENT WITH PNC (TYP. OF 1). TABLE TO BE CENTERED ON EXTERIOR WALL BETWEEN WINDOWS.
- 20 IT RACK.

GROUND BAR FOR DATA RACK & TELEPHONE BOARD. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

(22) MICRO PRINTER ON COUNTER TOP TO BE PROVIDED BY PNC.

(23) KEYSAFE LOCKBOX INSTALLED ON FACE OF WALL. PROVIDE WOOD BLOCKING AS REQUIRED. FINAL LOCATION TO BE COORDINATED WITH PNC BEFORE

GROMMET TO BE PROVIDED IN COUNTERTOP AS REQUIRED FOR ALIGNMENT AND USE OF POWER/DATA PROVISIONS. SEE INTERIOR ELEVATIONS AND ELECTRICAL DWGS TO COORDINATE LOCATIONS.

- 25) LOCKERS
- 26) COAT RACKS
- (27) LADDER AND ROOF HATCH

INSTALLATION.

GRAY ABSTRACT WC NEW DOOR **GRAY ACCENT PT**

ROOM TAG 000 (101) DOOR TAG

LEGEND

ENHANCED POWERLINK OFFICE VINYL ORANGE ABSTRACT WC REGIONAL ARTWORK

ORANGE SAFETY VINYL

SIGNAGE AND CODE; FOR REFERENCE ONLY. COORDINATE WITH VENDOR FINAL PLACEMENT & DETAILS RE: SIGN PACKAGE. SIGNAGE DETAILS TO BE SUBMITTED SEPARATELY FOR LANDLORD REVIEW.

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PNC

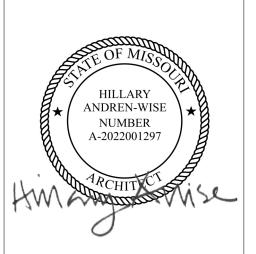
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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT **WOODS XING**

LEE'S SUMMIT, MO 64081



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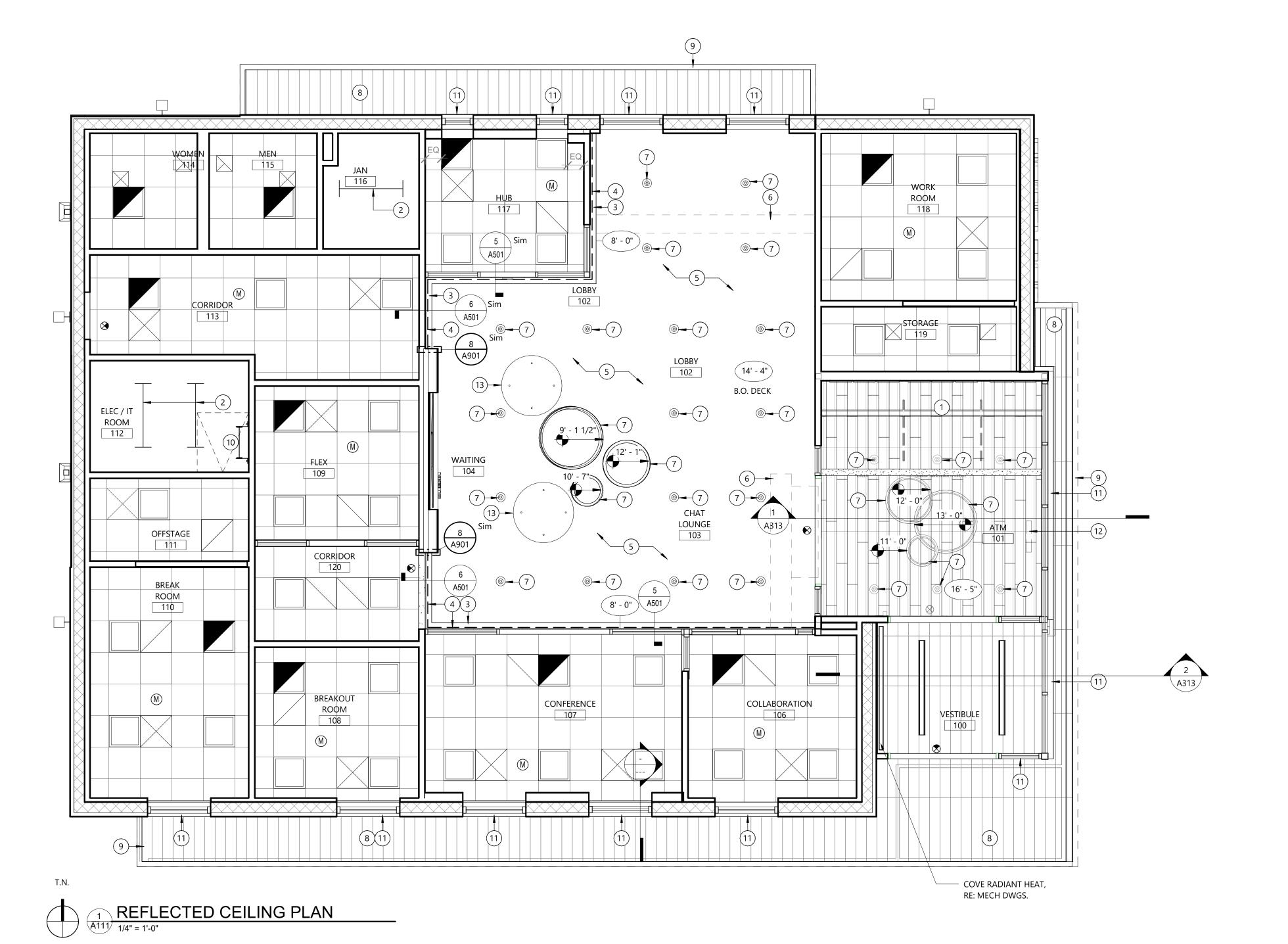
FLOOR PLAN

SHEET TITLE:

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

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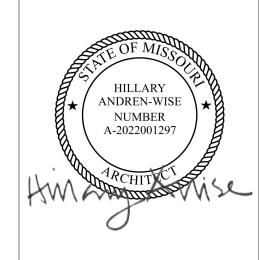


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PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

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SHEET TITLE:

REFLECTED CEILING PLAN

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

REFLECTED CEILING PLAN NOTES

- ALL CEILING HEIGHTS ARE 9'-0" U.N.O.
- CEILING FINISHES TO BE SPECIFIED ON PLANS AND IN FINISH SPECIFICATIONS.
- G.C. SHALL COORDINATE FIRE PROTECTION, HVAC, ELECTRICAL SYSTEMS, AND FIRE ALARM SYSTEMS LOCATED IN CEILING. PROCURE PERMITS FOR THIS WORK AS REQUIRED. NOTIFY ARCHITECT OF ANY DISCREPANCIES FROM THE DRAWINGS.
- IF ANY LIGHT FIXTURE CANNOT BE INSTALLED DUE TO CONFLICTS WITH BEAMS, HVAC, PIPING, ETC., CLARIFY WITH ARCHITECT BEFORE PROCEEDING WITH FIXTURES IN QUESTION OR RELATED FIXTURES IN AREA. HVAC, PIPING, ETC., TO BE DESIGNED TO WORK WITH LIGHT FIXTURE OF LOCATIONS
- PROVIDE ADDITIONAL SUPPORT TO GRID AS REQUIRED AT DRYWALL SOFFITS AND/OR CEILINGS. SEE PLANS FOR EXTEND TO NEW CEILINGS AND SOFFITS.
- EXIT LIGHTS AND EMERGENCY LIGHTING TO BE INSTALLED PER CODE REQUIREMENTS. TYPE TO MATCH PNC STANDARDS. LOCATIONS TO BE APPROVED BY ARCHITECT. REFER TO ELECTRICAL DRAWINGS.
- G.C. SHALL NOTE ANY CONFLICTS OCCURRING AMONG ELECTRICAL, FIRE PROTECTION, ARCHITECTURAL, OR MECHANICAL TRADES AND DRAWINGS. G.C. SHALL INFORM ARCHITECT OF CONFLICTS PRIOR TO START OF WORK IN A ROOM OR AREA. G.C. TO INSTALL DETECTORS AND STROBES AS NECESSARY TO ACCOMMODATE TENANT'S NEW CONSTRUCTION IN ACCORDANCE WITH LOCAL FIRE
- G.C. SHALL INSTALL AIR GRILLES AND DUCTWORK AS REQUIRED BY NEW PARTITION LAYOUT. G.C. SHALL BE RESPONSIBLE FOR PROVIDING REQUIRED C.F.M. TO EACH SPACE.
- G.C. SHALL PROVIDE TESTING. TEST AND BALANCE REPORT IS REQUIRED.
- SOUND ATTENUATION INSULATION USED ABOVE THE FINISHED CEILING SHALL BE 24" X 48", 3" UN-FACED MINERAL FIBER DESIGNED TO ABSORB
- SOUND AND BE SPECIFICALLY MANUFACTURED FOR USE ABOVE SUSPENDED CEILINGS. SEE PARTITION TYPES FOR LOCATION.
- CENTER ALL SPRINKLER HEADS, DAYLIGHT SENSORS, CEILING DEVICES AND OTHER CEILING-MOUNTED ITEMS IN TILE. ALL 2x2 LIGHT FIXTURES SHALL REST ON TWO (2) MAIN "T"s OR CONTRACTOR SHALL PROVIDE SUPPORT AS NECESSARY AT FREE CORNERS OF FIXTURE.

FIELD VERIFY LOCATION OF FIXTURES OVER ATMs. COORDINATE WITH PNC AND VENDOR(S). 2) SUSPENDED LIGHT FIXTURE. SEE ELECTRICAL.

REFLECTED CEILING PLAN KEYED NOTES

- (3) GYP. "EYEBROW", SEE DETAIL TBD. TO BE PAINTED PT-2, SEE FINISH LEGEND.
- DASHED LINE INDICIATES CONTINUOUS FABRITRAK ACCOUSTICAL PANELS ABOVE THE ENTIRE DASHED LINE INDICIALES CO......L

 LENGTH OF THE "EYEBROW", RE: FINISH SCHEDULE.
- ALL EXPOSED STRUCTURE, ROOF DECK, DUCTWORK, CONDUIT, ETC., SHALL BE PAINTED. SEE FINISH SCHEDULE FOR MORE INFORMATION.
- (6) MECHANICAL EQUIPMENT ABOVE. COORDINATE WITH MECHANICAL DRAWINGS. PENDANT LIGHT FIXTURE. COORDINATE WITH ELECTRICAL DRAWINGS.
- 8) NICHIHA FIBER-CEMENT PANEL SYSTEM SOFFIT AT UNDERSIDE OF CANOPY, 9'-0" AFF.
- (9) OUTLINE OF EXTERIOR CANOPY. ROOF ACCESS LADDER AND ROOF HATCH. COORDINATE LOCATION RE: ROOF PLAN, SHEET A121.
- $\widehat{\text{(11)}}$ ROLL-DOWN SECURITY SHUTTER SYSTEM. COORDINATE WITH EXTERIOR ELEVATIONS.
- (12) LOCATION OF LIGHTBOX ON FINISHED FLOOR.

(13) ARMSTRONG ACCENT CLOUD CLD-1, RE: ID100

DECORATIVE PENDANT FIXTURE

2X2 LAY IN FIXTURE

CHAIN-HUNG FIXTURE

DECORATIVE PENDANT FIXTURE

LEGEND

2x2 LAY-IN ACOUSTICAL CEILING

HVAC GRILL - SUPPLY

HVAC GRILL - RETURN

HVAC GRILL - EXHAUST

GYPSUM BOARD CEILING

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DOWNLIGHT FLUSH RECESSED FIXTURE

REFER TO FINISH LEGEND FOR DETAIL.

SEE PARTITION TYPES FIBER-CEMENT PANEL SYSTEM CEILING/SOFFIT, FCC-1.

GYPSUM BOARD CEILING ABOVE

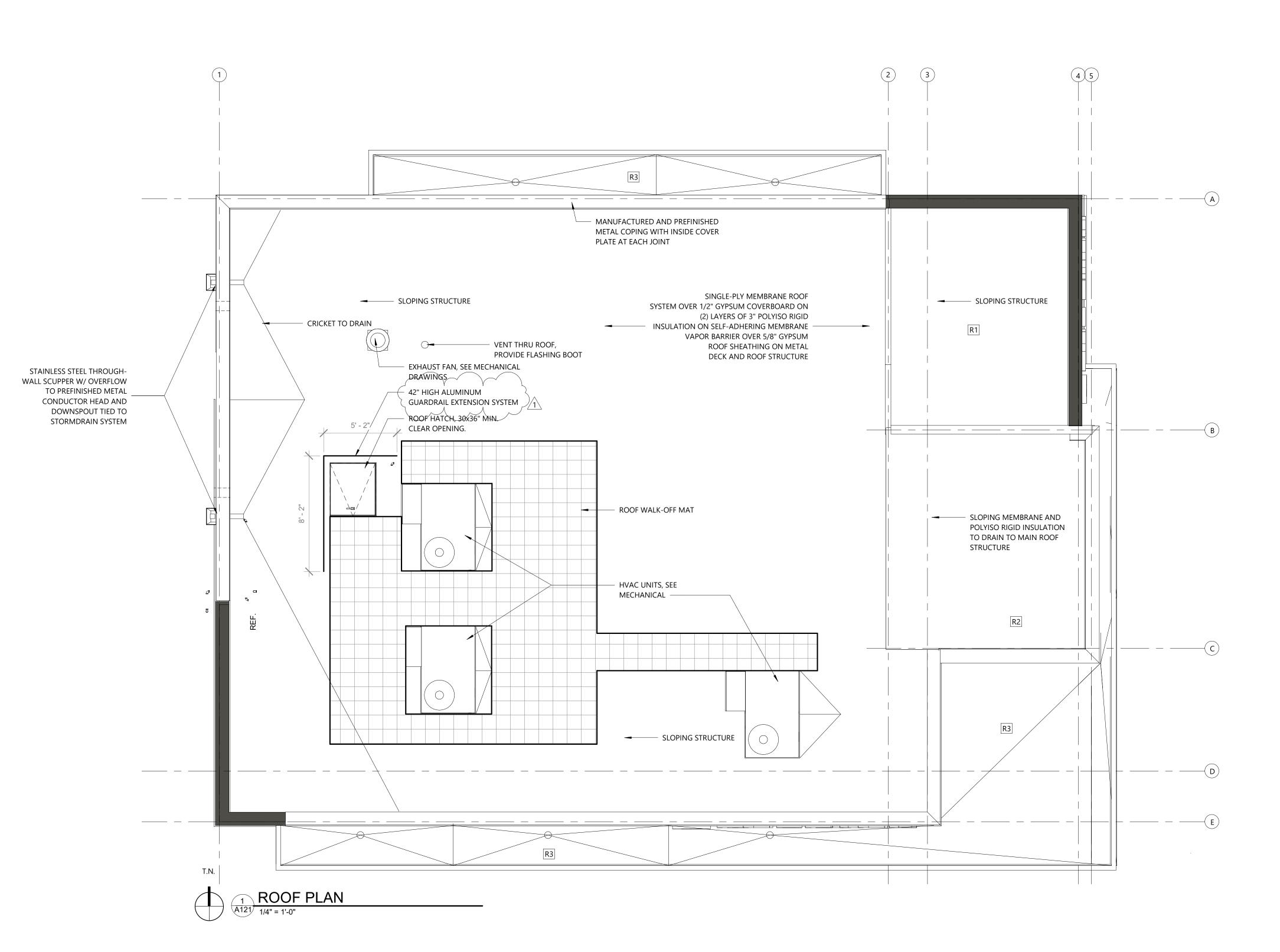
2x2 LAY-IN ACOUSTICAL CEILING

SOFFIT MOUNTED

FIXTURE

EXIT LIGHT WITH DIRECTIONAL ARROWS

SUSPENDED TRANSLUCENT ACCENT CLOUD



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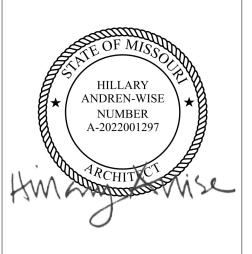
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NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



REVISIONS NO. DESCRIPTION

PERMIT COMMENTS 01 03/17/2022

02/15/2022 DATE ISSUED: REVIEWED BY: DRAWN BY: **DESIGNED BY:** PROJECT NUMBER: 524-0368-028

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ROOF PLAN

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

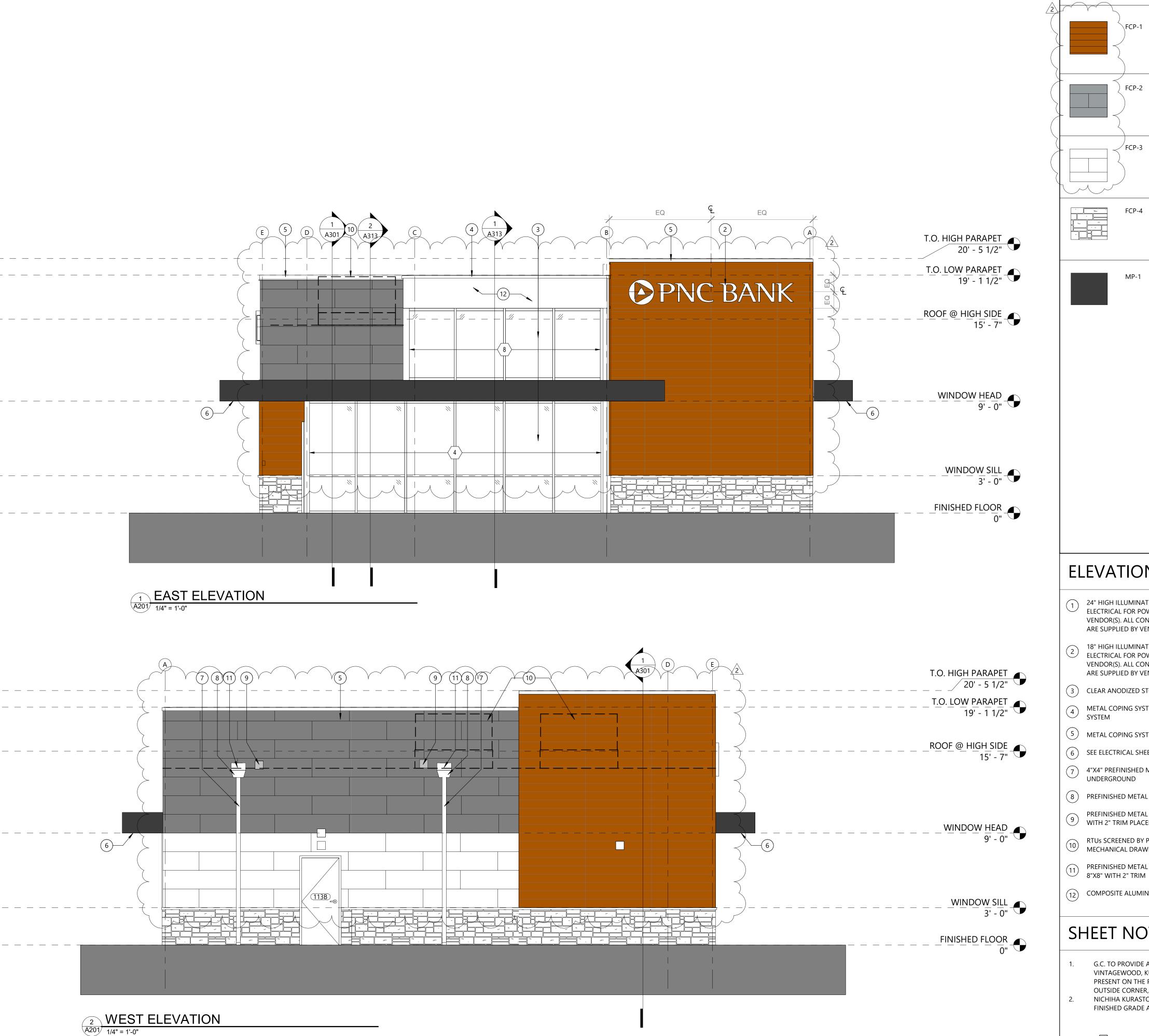
ROOF PLAN GENERAL NOTES

1. ALL ROOFING SYSTEMS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDED ROOFING DETAILS. THESE DETAILS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE ROOFING INSTALLATION.

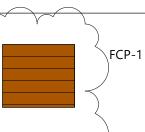
ROOFING DETAILS SHALL NOT AT ANY TIME OR IN ANY WAY COMPROMISE THE WARRANTY PROVIDED BY THE ROOFING MANUFACTURER. ALL ROOFS SHALL BE SLOPED EITHER BY STRUCTURAL DESIGN OR BY TAPERED

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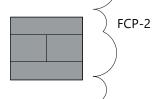
INSULATION IN ORDER TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES.



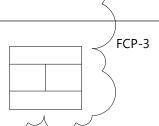
EXTERIOR FINISH LEGEND



FIBER CEMENT PANEL (REDWOOD): MATERIAL: FIBER CEMENT PANEL FINISH: INTEGRATED FINISH MANUFACTURER: NICHIHA VINTAGEWOOD COLOR: REDWOOD



FIBER CEMENT PANEL (GRAY): MATERIAL: FIBER CEMENT PANEL FINISH: INTEGRATED FINISH MANUFACTURER: NICHIHA ILLUMINATION COLOR: FOG



FIBER CEMENT PANEL (WHITE): MATERIAL: FIBER CEMENT PANEL FINISH: INTEGRATED FINISH MANUFACTURER: NICHIHA ILLUMINATION COLOR: COTTON

FIBER CEMENT PANEL (MOUNTAIN): MATERIAL: FIBER CEMENT PANEL FINISH: INTEGRATED FINISH MANUFACTURER: NICHIHA KURASTONE SERIES STACKEDSTONE COLOR: MOUNTAIN

BASE BID METAL PANEL SYSTEM AT CANOPY (GRAY): MATERIAL: METAL PANEL FINISH: INTEGRATED FINISH MANUFACTURER: LAMINATORS, INC.; OMEGA LITE; 1PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM COLOR: TO MATCH PANTONE 426 C

#1: IN LIEU OF BASE BID ACM AND ACM MOUNTING INSTALLATION SYSTEM, PROVIDE AND INSTALL THE FOLLOWING:

ACM MANUFACTURER: FAIRVIEW ARCHITECTURAL ACM PANEL: VITROBOND G2 CLIP MOUNTING SYSTEM: ARROWHEAD EZ WALL SYSTEM KYNAR FINISH: CUSTOM COLOR, COLOR TO MATCH PANTONE 426 C

#2: IN LIEU OF BASE BID ACM AND ACM MOUNTING INSTALLATION PROVIDE AND INSTALL THE FOLLOWING:

ACM MANUFACTURER: CITADEL ARCHITECTURAL PRODUCTS ACM PANEL: SINOCORE 4MM PANEL THICKNESS, 1 PC MOLDING **CLIP MOUNTING SYSTEM:** REVEAL MOLDING SYSTEM

FINISH: KYNAR, CUSTOM COLOR, COLOR: TO MATCH PANTONE 426 C REFER TO FULL LIST OF ALTERNATES IN OUTLINE SPECIFICATIONS.



ELEVATION KEY NOTES

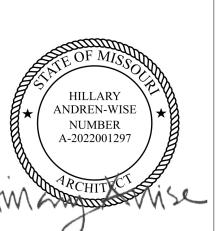
- 24" HIGH ILLUMINATED BUILDING MOUNTED SIGNAGE BY OTHERS. REFER TO ELECTRICAL FOR POWER REQUIREMENTS. COORDINATE WITH PNC AND VENDOR(S). ALL CONNECTIONS - STRUCTURAL ENGINEERING, DETAILS, ETC., ARE SUPPLIED BY VENDOR.
- 18" HIGH ILLUMINATED BUILDING SIGNAGE BY OTHERS. REFER TO 2 ELECTRICAL FOR POWER REQUIREMENTS. COORDINATE WITH PNC AND VENDOR(S). ALL CONNECTIONS - STRUCTURAL ENGINEERING, DETAILS, ETC., ARE SUPPLIED BY VENDOR.
- (3) CLEAR ANODIZED STOREFRONT SYSTEM
- METAL COPING SYSTEM, COLOR TO MATCH CLEAR ANODOZED STOREFRONT
- 5 METAL COPING SYSTEM, COLOR TO MATCH MP-1
- (6) SEE ELECTRICAL SHEETS FOR COORDINATION OF CANOPY LIGHTING.
- 7 4"X4" PREFINISHED METAL DOWNSPOUT, CONNECT TO STORM
- (8) PREFINISHED METAL CONDUCTOR BOX SMACNA DESIGN FIGURE 1-25F
- PREFINISHED METAL OVERFLOW SCUPPER PER SMACNA, OPENING SIZE 8"X8" 9 WITH 2" TRIM PLACED 2" ABOVE ROOF LINE.
- 10 RTUS SCREENED BY PAKAPE MECHANICAL DRAWINGS. RTUs SCREENED BY PARAPET WALL BEYOND, COORDINATE WITH A121 AND
- PREFINISHED METAL THROUGH WALL SCUPPER PER SMACNA, OPENING SIZE 8"X8" WITH 2" TRIM
- (12) COMPOSITE ALUMINUM PANEL TO MATCH FCP-3

SHEET NOTES

- 1. G.C. TO PROVIDE A FIELD MOCK-UP OF NICHIHA ILLUMINATION PANEL, VINTAGEWOOD, KURASTONE, AND OMEGA LITE PANEL SYSTEM WITH ALL CONDITIONS PRESENT ON THE PROJECT INCLUDING BUT NOT LIMITED TO INSIDE CORNERS, OUTSIDE CORNER, HORIZONTAL TERMINATION, ETC.
- NICHIHA KURASTONE PANELS SHALL BE FIELD CUT TO TERMINATE AT 2" ABOVE FINISHED GRADE AND FOLLOW FINISHED GRADING.
 - X DENOTES WINDOW TYPE PENDING CDs

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



REVISIONS

DESCRIPTION CLIENT REVISIONS 03/17/2022

DATE ISSUED: 02/15/2022 **REVIEWED BY:** DRAWN BY:

DESIGNED BY: PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC.

> SHEET TITLE: **EXTERIOR**

ELEVATIONS

SHEET ID:

PROJECT STATUS:

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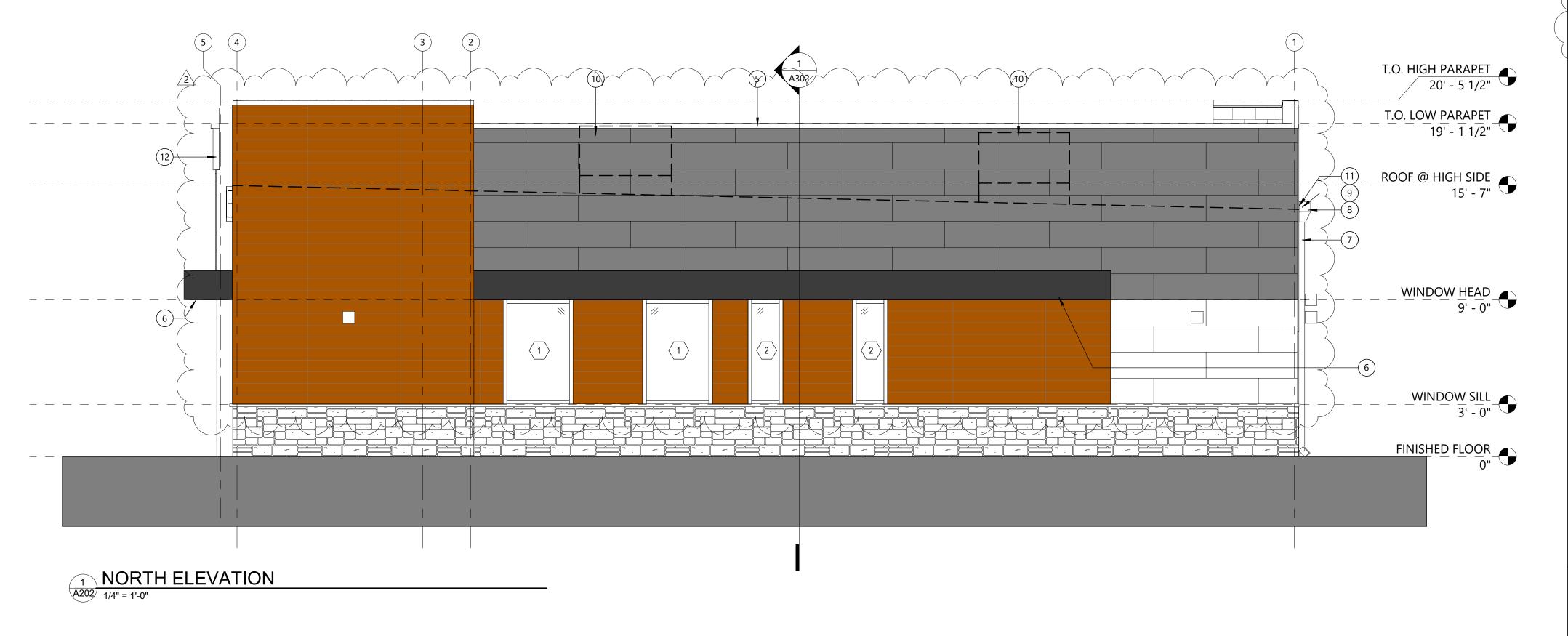
RS&H, Inc. 4582 S ULSTER STREET **SUITE 1100, DENVER, CO 80237**

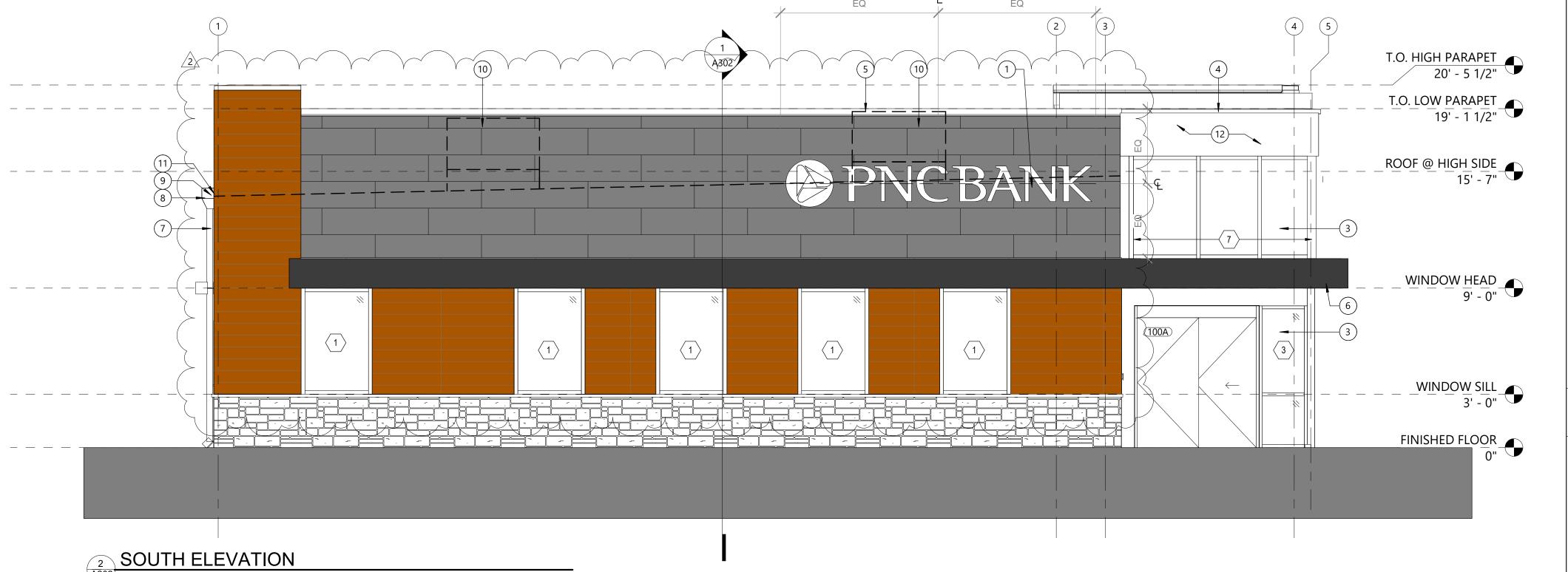
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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PERMIT DOCUMENTS





EXTERIOR FINISH LEGEND

FIBER CEMENT PANEL (REDWOOD): MATERIAL: FIBER CEMENT PANEL FINISH: INTEGRATED FINISH MANUFACTURER: NICHIHA VINTAGEWOOD COLOR: REDWOOD



FIBER CEMENT PANEL (GRAY): MATERIAL: FIBER CEMENT PANEL FINISH: INTEGRATED FINISH MANUFACTURER: NICHIHA ILLUMINATION COLOR: FOG



MO LICENSE NOS. 2003019618 * 2003019636

FIBER CEMENT PANEL (MOUNTAIN): MATERIAL: FIBER CEMENT PANEL

FINISH: INTEGRATED FINISH MANUFACTURER: NICHIHA ILLUMINATION COLOR: COTTON

FIBER CEMENT PANEL (WHITE): MATERIAL: FIBER CEMENT PANEL

FINISH: INTEGRATED FINISH

COLOR: MOUNTAIN

PROJECT TITLE:

MANUFACTURER: NICHIHA KURASTONE SERIES STACKEDSTONE PNC MO LEE'S SUMMIT GROUND UP BRANCH



BASE BID METAL PANEL SYSTEM AT CANOPY (GRAY): MATERIAL: METAL PANEL FINISH: INTEGRATED FINISH MANUFACTURER: LAMINATORS, INC.; OMEGA LITE; 1PIECE, TIGHT-FIT MOLDING INSTALLATION SYSTEM COLOR: TO MATCH PANTONE 426 C

PROVIDE AND INSTALL THE FOLLOWING:

PROJECT ADDRESS: #1: IN LIEU OF BASE BID ACM AND ACM MOUNTING INSTALLATION SYSTEM,

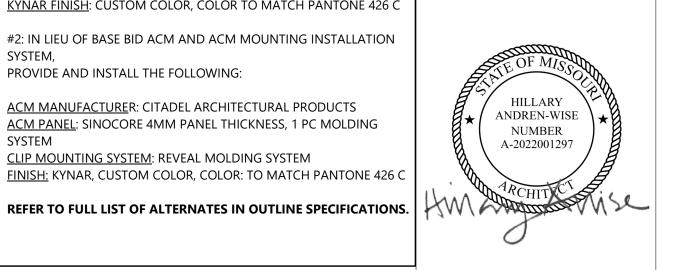
ACM MANUFACTURER: FAIRVIEW ARCHITECTURAL ACM PANEL: VITROBOND G2 <u>CLIP MOUNTING SYSTEM:</u> ARROWHEAD EZ WALL SYSTEM KYNAR FINISH: CUSTOM COLOR, COLOR TO MATCH PANTONE 426 C

#2: IN LIEU OF BASE BID ACM AND ACM MOUNTING INSTALLATION PROVIDE AND INSTALL THE FOLLOWING:

ACM MANUFACTURER: CITADEL ARCHITECTURAL PRODUCTS ACM PANEL: SINOCORE 4MM PANEL THICKNESS, 1 PC MOLDING <u>CLIP MOUNTING SYSTEM</u>: REVEAL MOLDING SYSTEM

FINISH: KYNAR, CUSTOM COLOR, COLOR: TO MATCH PANTONE 426 C

WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



ELEVATION KEY NOTES

- 24" HIGH ILLUMINATED BUILDING MOUNTED SIGNAGE BY OTHERS. REFER TO ELECTRICAL FOR POWER REQUIREMENTS. COORDINATE WITH PNC AND VENDOR(S). ALL CONNECTIONS - STRUCTURAL ENGINEERING, DETAILS, ETC., ARE SUPPLIED BY VENDOR.
- 18" HIGH ILLUMINATED BUILDING SIGNAGE BY OTHERS. REFER TO ELECTRICAL FOR POWER REQUIREMENTS. COORDINATE WITH PNC AND VENDOR(S). ALL CONNECTIONS - STRUCTURAL ENGINEERING, DETAILS, ETC.,
- (3) CLEAR ANODIZED STOREFRONT SYSTEM

ARE SUPPLIED BY VENDOR.

- METAL COPING SYSTEM, COLOR TO MATCH CLEAR ANODOZED STOREFRONT
- (5) METAL COPING SYSTEM, COLOR TO MATCH MP-1
- 6 SEE ELECTRICAL SHEETS FOR COORDINATION OF CANOPY LIGHTING.
- 7 4"X4" PREFINISHED METAL DOWNSPOUT, CONNECT TO STORM UNDERGROUND
- (8) PREFINISHED METAL CONDUCTOR BOX SMACNA DESIGN FIGURE 1-25F
- PREFINISHED METAL OVERFLOW SCUPPER PER SMACNA, OPENING SIZE 8"X8" 9 PREFINISHED MIETAL OVEN: LOW SCOTT LINE.
 WITH 2" TRIM PLACED 2" ABOVE ROOF LINE.
- RTUs SCREENED BY PARAPET WALL BEYOND, COORDINATE WITH A121 AND MECHANICAL DRAWINGS.
- PREFINISHED METAL THROUGH WALL SCUPPER PER SMACNA, OPENING SIZE 8"X8" WITH 2" TRIM
- (12) COMPOSITE ALUMINUM PANEL TO MATCH FCP-3

SHEET NOTES

- G.C. TO PROVIDE A FIELD MOCK-UP OF NICHIHA ILLUMINATION PANEL, VINTAGEWOOD, KURASTONE, AND OMEGA LITE PANEL SYSTEM WITH ALL CONDITIONS PRESENT ON THE PROJECT INCLUDING BUT NOT LIMITED TO INSIDE CORNERS, OUTSIDE CORNER, HORIZONTAL TERMINATION, ETC.
- NICHIHA KURASTONE PANELS SHALL BE FIELD CUT TO TERMINATE AT 2" ABOVE FINISHED GRADE AND FOLLOW FINISHED GRADING.
 - X DENOTES WINDOW TYPE PENDING CDs

REVISIONS NO. DESCRIPTION

2	CLIENT REVISIONS	03/17/2022
		+

DATE ISSUED: 02/15/2022 **REVIEWED BY:** DRAWN BY:

DESIGNED BY: PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC.

SHEET TITLE:

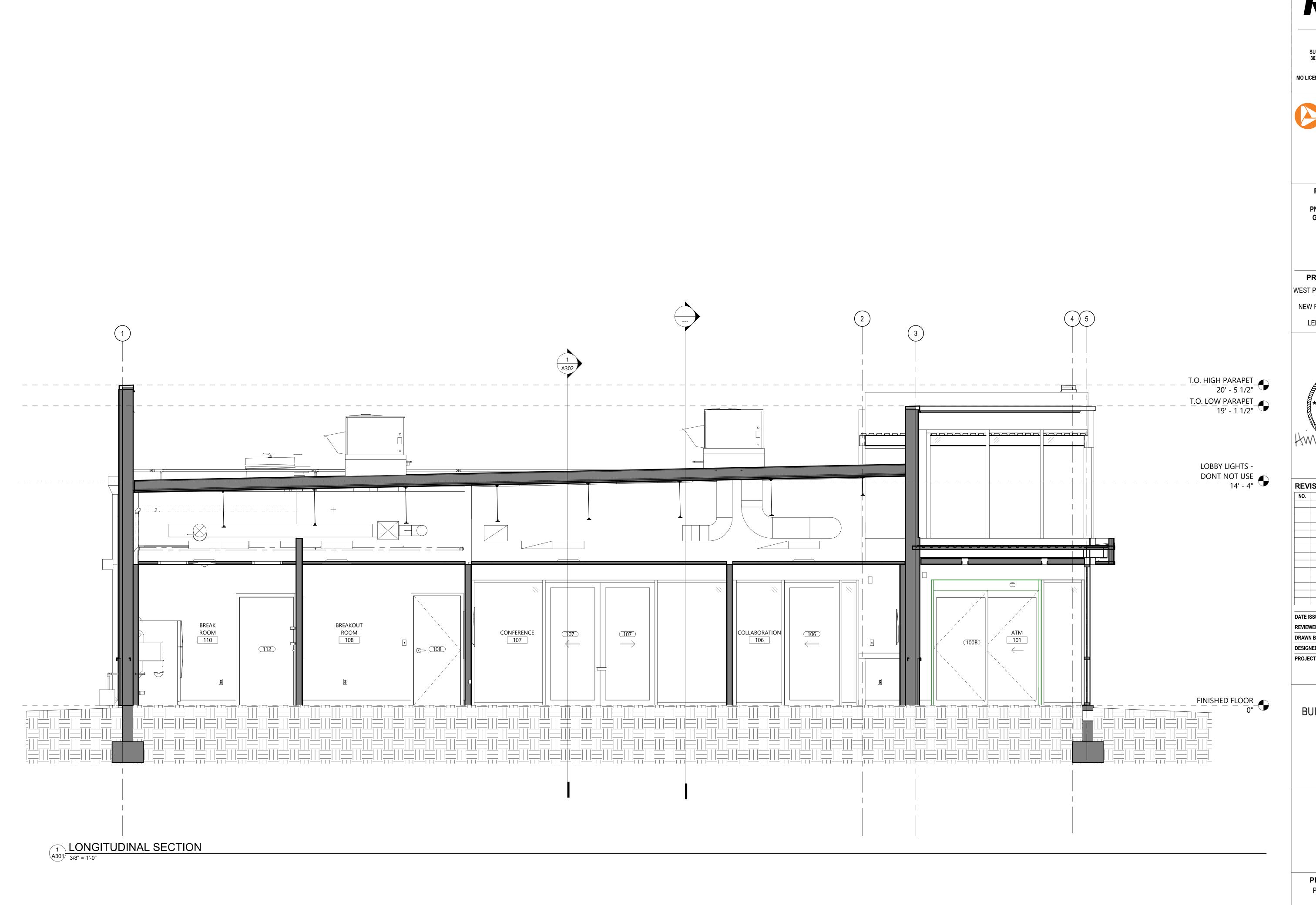
EXTERIOR ELEVATIONS

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

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0" **BUILDING SECTION** SHEET ID: PROJECT STATUS: PERMIT DOCUMENTS



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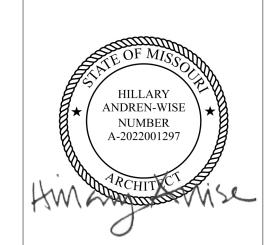


PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT WOODS XING

LEE'S SUMMIT, MO 64081



	REVISIONS					
NO.	DESCRIPTION	DATE				

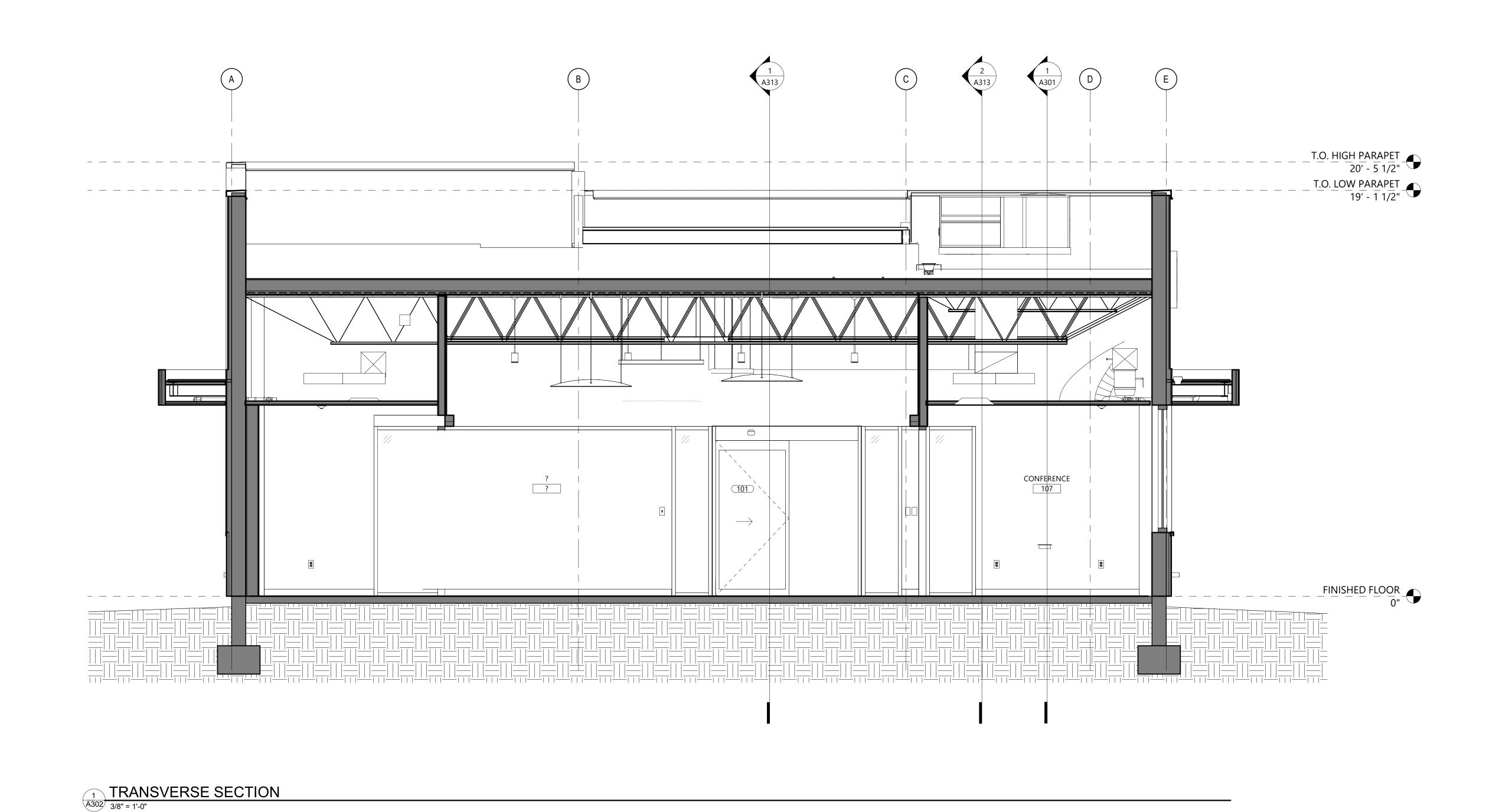
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EVIEWED BY:	HAW			
RAWN BY:	CJ/KK			
ESIGNED BY:	RSF			
ROJECT NUMBER:				
524-0368-028				

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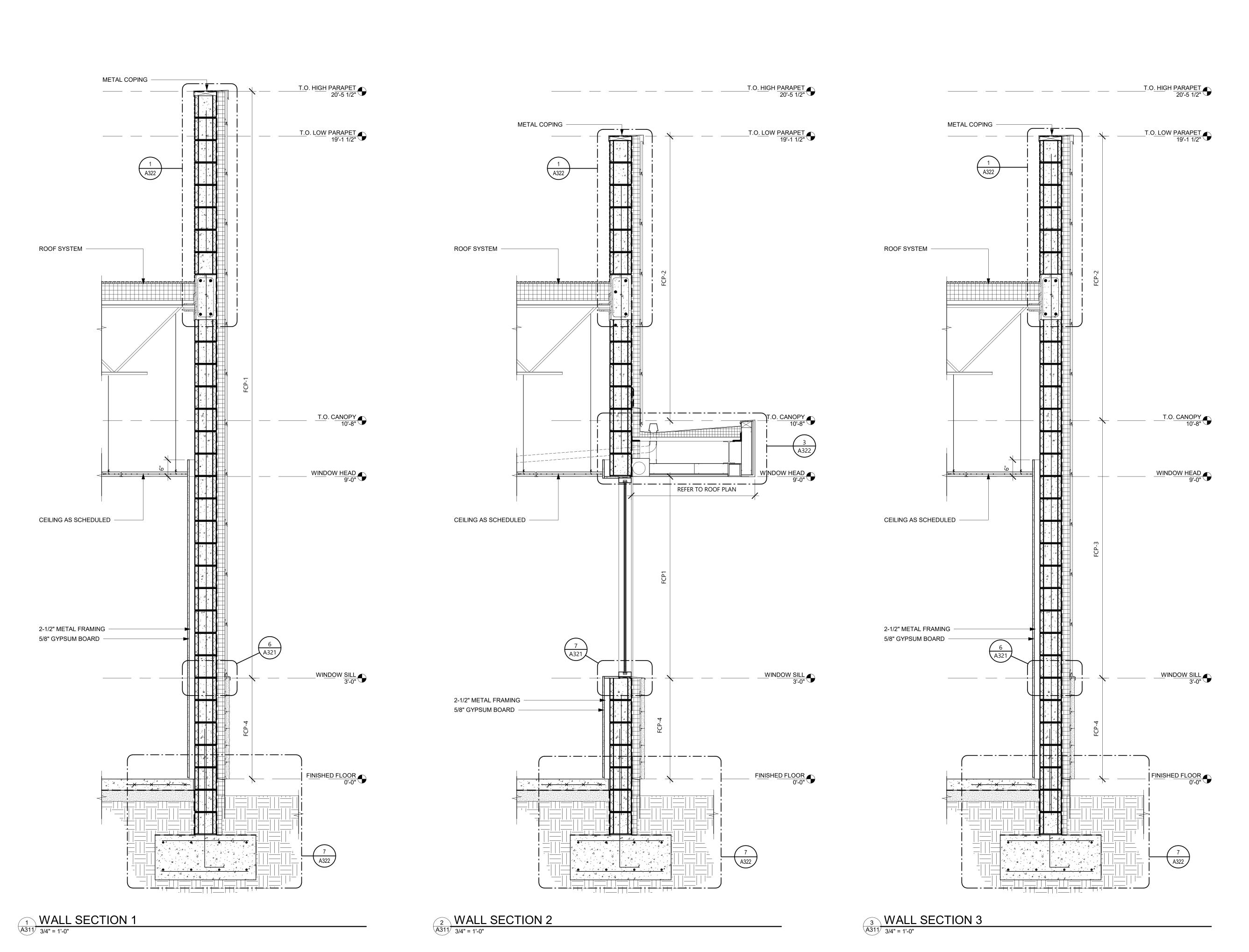
BUILDING SECTION

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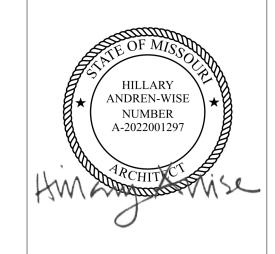


PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE

DATE ISSUED: 02/15/2022 REVIEWED BY: DRAWN BY: **DESIGNED BY:** PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC.

> SHEET TITLE: EXTERIOR WALL

SECTIONS

SHEET ID:

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METAL COPING METAL COPING T.O. HIGH PARAPET 20'-5 1/2" T.O. HIGH PARAPET 20'-5 1/2" T.O. LOW PARAPET 19'-1 1/2" T.O. LOW PARAPET 19'-1 1/2" 1 A322 1 A322 **ROOF SYSTEM** ROOF SYSTEM T.O. CANOPY 10'-8" T.O. CANOPY 10'-8" CEILING AS SCHEDULED -CEILING AS SCHEDULED -2-1/2" METAL FRAMING 2-1/2" METAL FRAMING 5/8" GYPSUM BOARD 5/8" GYPSUM BOARD WINDOW SILL 3'-0" WINDOW SILL 3'-0" FINISHED FLOOR 2 WALL SECTION 5
A312 3/4" = 1'-0" 3 WALL SECTION 6
A312 3/4" = 1'-0"

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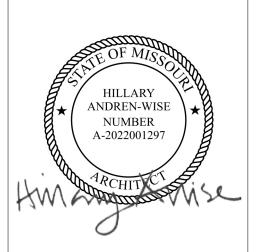


PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT WOODS XING

LEE'S SUMMIT, MO 64081



REVIS	REVISIONS				
NO.	DESCRIPTION	DATE			

DATE ISSUED: REVIEWED BY: DRAWN BY: **DESIGNED BY:** PROJECT NUMBER:

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524-0368-028

EXTERIOR WALL SECTIONS

SHEET ID:

A312

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METAL COPING

ROOF SYSTEM

CEILING AS SCHEDULED

2-1/2" METAL FRAMING

5/8" GYPSUM BOARD

A322

T.O. HIGH PARAPET 20'-5 1/2"

T.O. LOW PARAPET 19'-1 1/2"

T.O. CANOPY 10'-8"

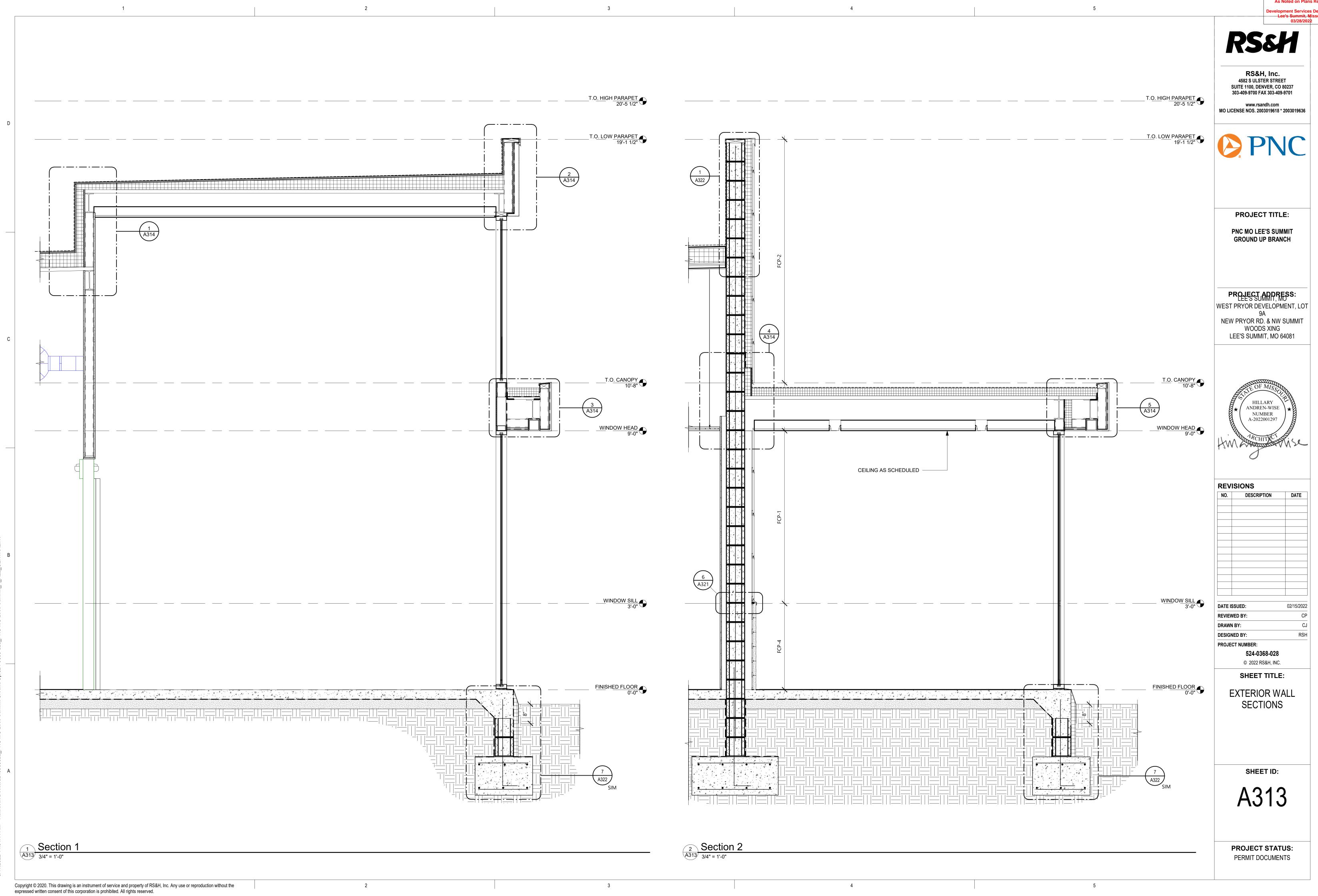
WINDOW SILL
3'-0"

FINISHED FLOOR 0'-0"

A312 3/4" = 1'-0"

WALL SECTION 4

RELEASED FOR
CONSTRUCTION
As Noted on Plans Review RS&H, Inc. 4582 S ULSTER STREET SUITE 1100, DENVER, CO 80237 303-409-9700 FAX 303-409-9701 T.O. HIGH PARAPET 20'-5 1/2" www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636 PROJECT TITLE: PNC MO LEE'S SUMMIT GROUND UP BRANCH PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081 T.O. CANOPY 10'-8" HILLARY ANDREN-WISE NUMBER WINDOW HEAD 9'-0" REVISIONS NO. DESCRIPTION WINDOW SILL 3'-0" DATE ISSUED: 02/15/2022 DRAWN BY: **DESIGNED BY:** PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC. SHEET TITLE: FINISHED FLOOR 0'-0" EXTERIOR WALL SECTIONS SHEET ID: PROJECT STATUS: PERMIT DOCUMENTS



CONSTRUCTION
As Noted on Plans Review

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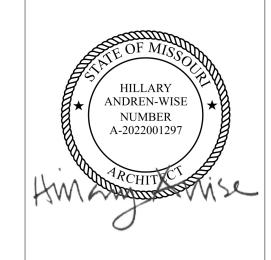


PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE

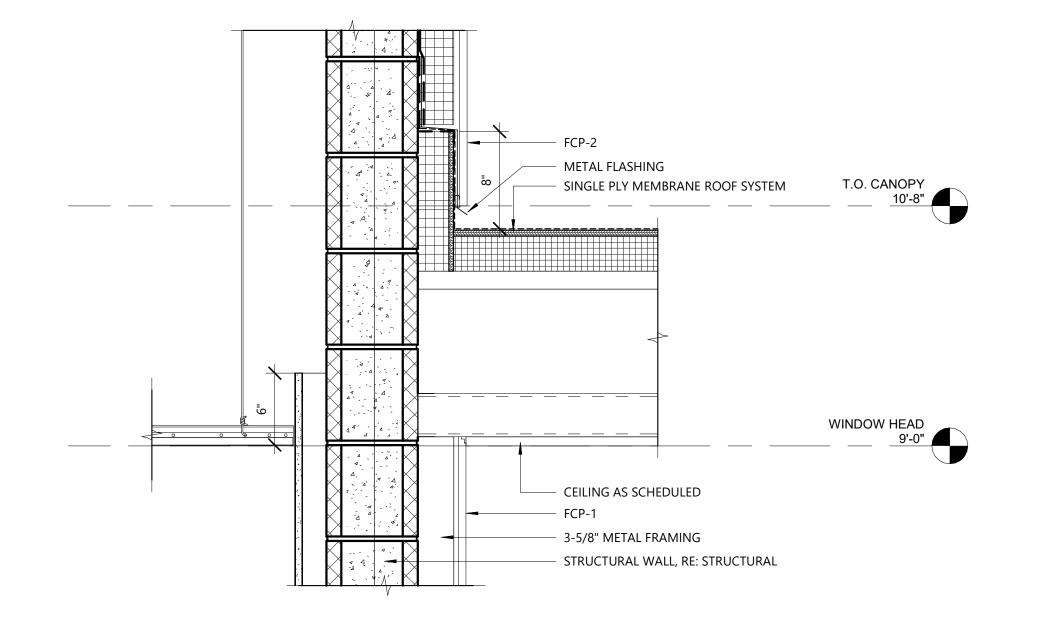
02/15/2022 DATE ISSUED: REVIEWED BY: Checker Author DRAWN BY: Designer DESIGNED BY: PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC.

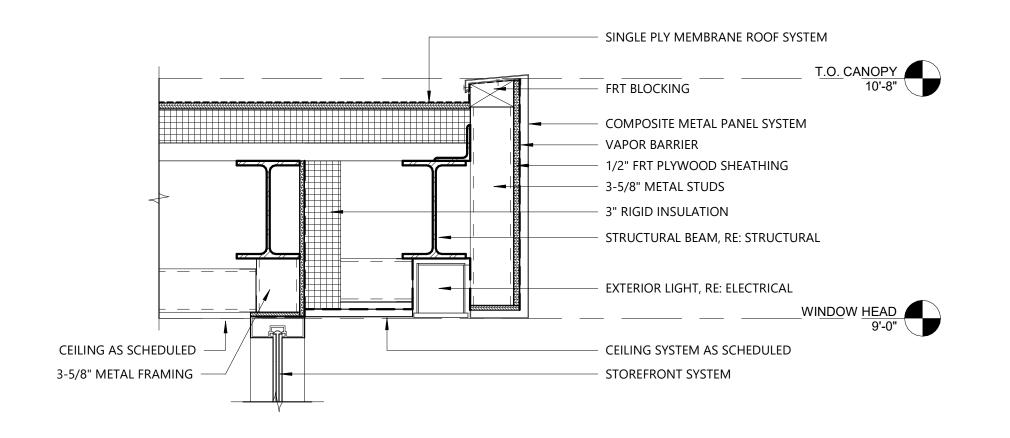
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EXTERIOR WALL SECTIONS

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

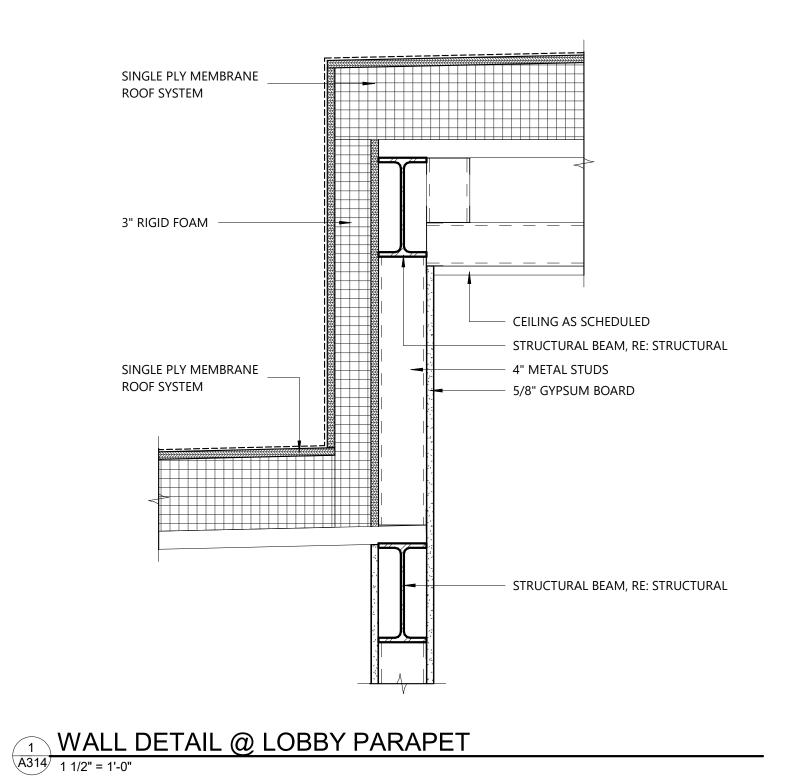


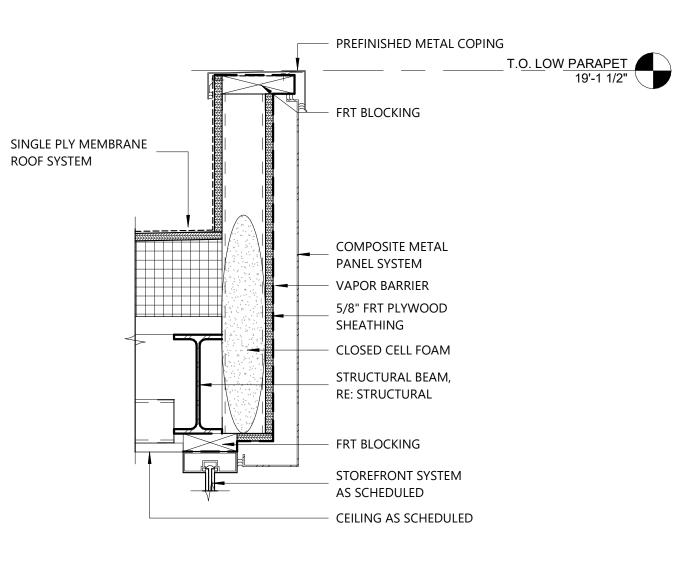


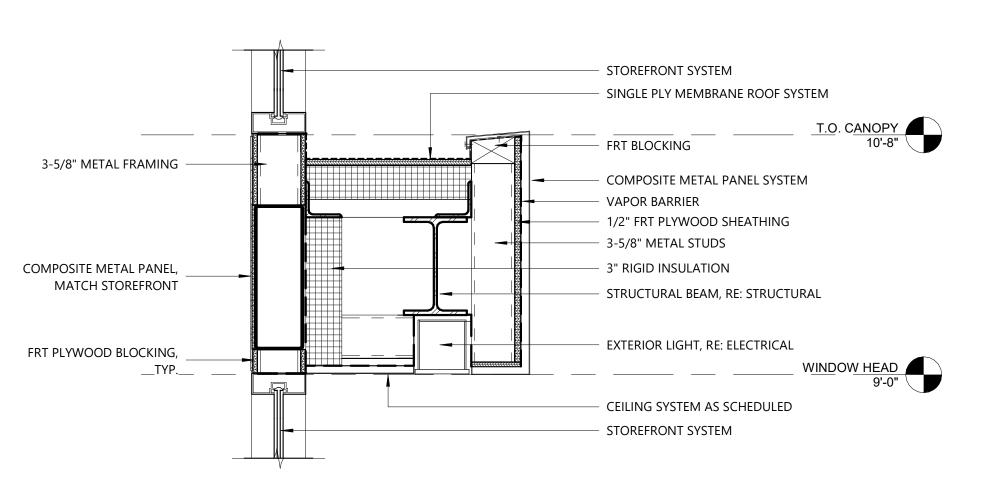
WALL DETAIL @ VESTIBULE

A314 1 1/2" = 1'-0"

5 WALL DETAIL @ VESTIBULE PARAPET
A314 1 1/2" = 1'-0"







WALL DETAIL @ LOBBY PARAPET 2

A314 1 1/2" = 1'-0"

WALL DETAIL @ LOBBY CANOPY

A314 1 1/2" = 1'-0"

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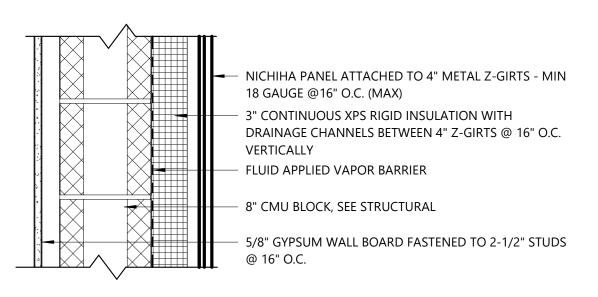
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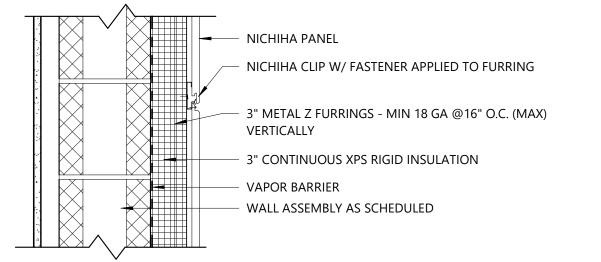
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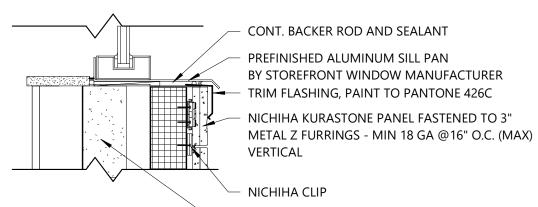
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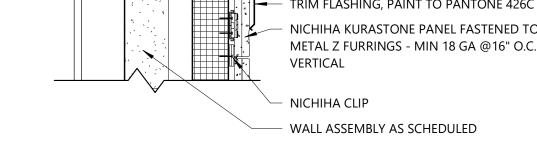
PNC MO LEE'S SUMMIT GROUND UP BRANCH

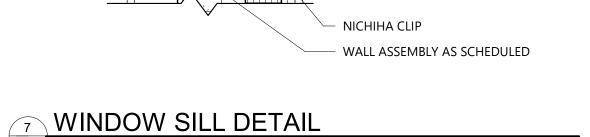
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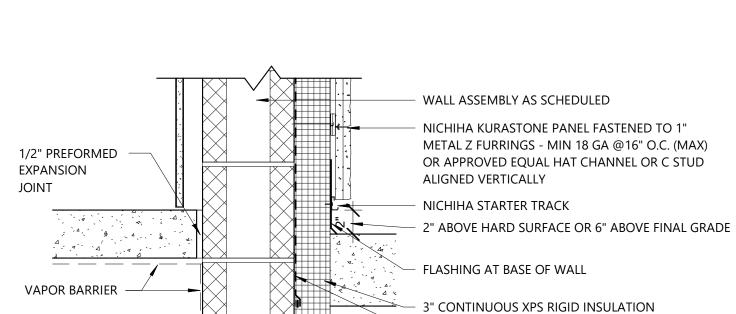


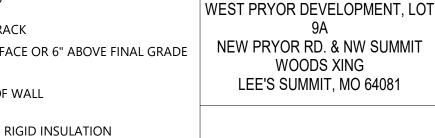












VAPOR BARRIER, LAP OVER DRAINAGE MAT BELOW

DRAINAGE MAT BELOW GRADE - FLUID APPLIED WATERPROOFING

SINGLE-PLY MEMBRANE ROOF SYSTEM

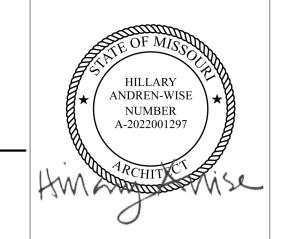
- TAPERED POLYISO RIGID INSULATION

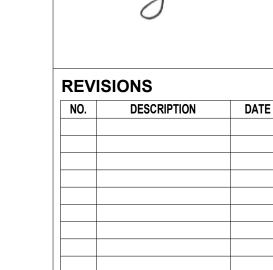
5/8" GYPSUM ROOF SHEATHING

- FLAT ROOF DECK AND STRUCTURE

SELF-ADHERING MEMBRANE VAPOR BARRIER

- 5/8" COVERBOARD





DATE ISSUED:	02/15/2022
REVIEWED BY:	SLC
DRAWN BY:	PAF
DESIGNED BY:	RS&H
PROJECT NUMBER:	

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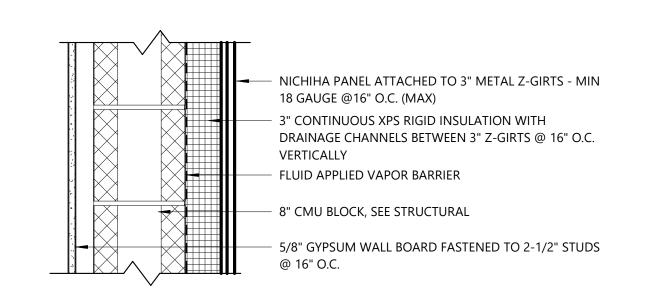
SHEET TITLE:

EXTERIOR WALL DETAILS

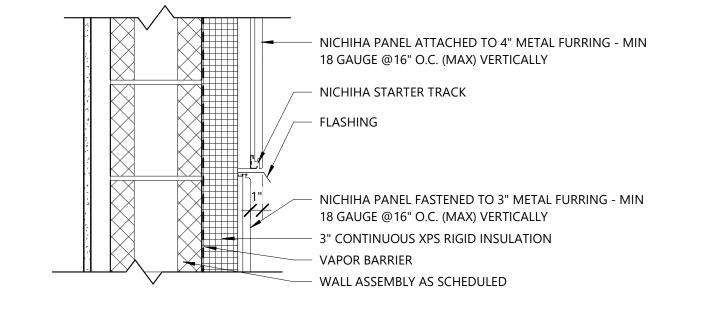
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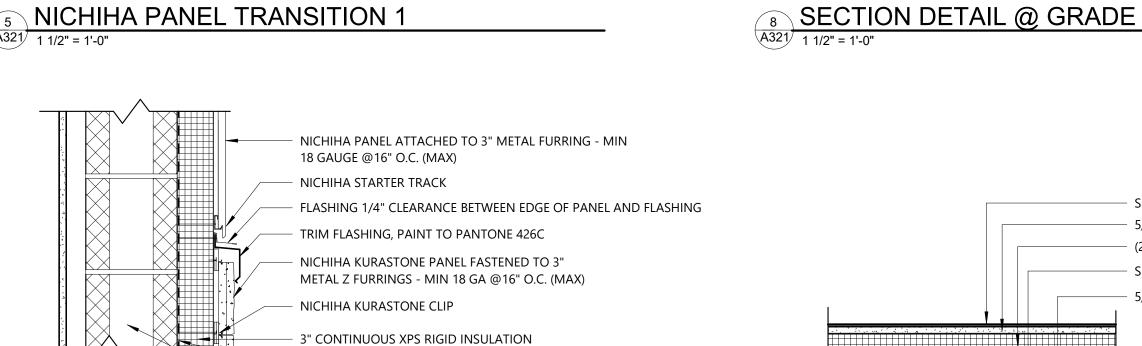
PROJECT STATUS: PERMIT DOCUMENTS

1 FIBER CEMENT WALL SYSTEM - FCP-1 TYPICAL NICHIHA PANEL DETAIL A321 1 1/2" = 1'-0"



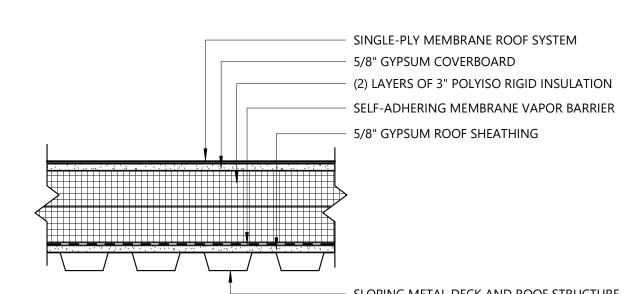
FIBER CEMENT WALL SYSTEM - FCP-2 & FCP-3

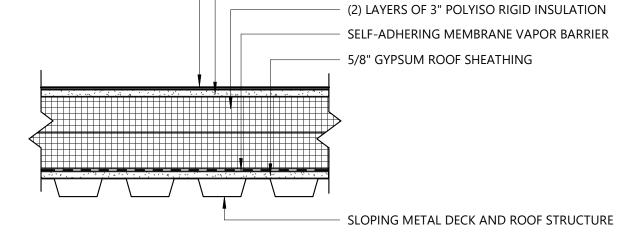




VAPOR BARRIER

- WALL ASSEMBLY AS SCHEDULED

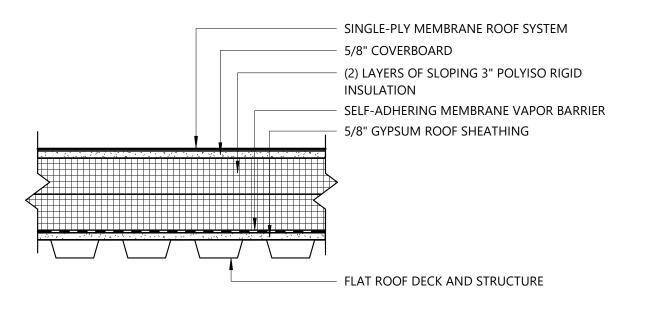




9 ROOF SYSTEM - RF-1

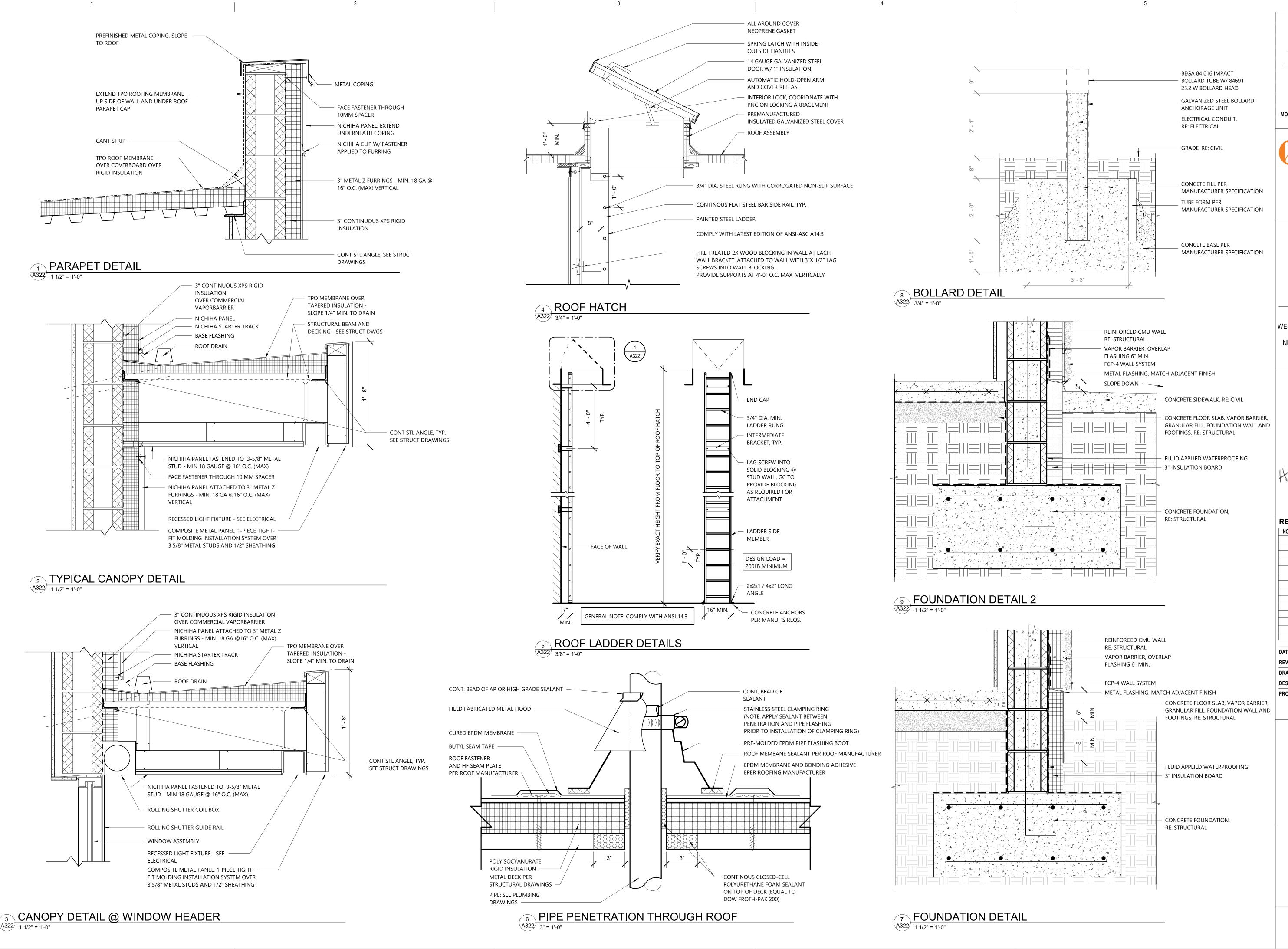
NICHIHA KURASTONE PANEL FASTENED TO 3" METAL Z-GIRTS - MIN 18 GA @16" O.C. (MAX) NICHIHA KURASTONE CLIP 3" CONTINUOUS XPS RIGID INSULATION WITH DRAINAGE CHANNELS BETWEEN 3" Z-GIRTS @ 16"O.C. VERTICALLY - FLUID APPLIED VAPOR BARRIER - 8" CMU BLOCK, SEE STRUCTURAL 5/8" GYPSUM WALL BOARD FASTENED TO 2-1/2" STUDS



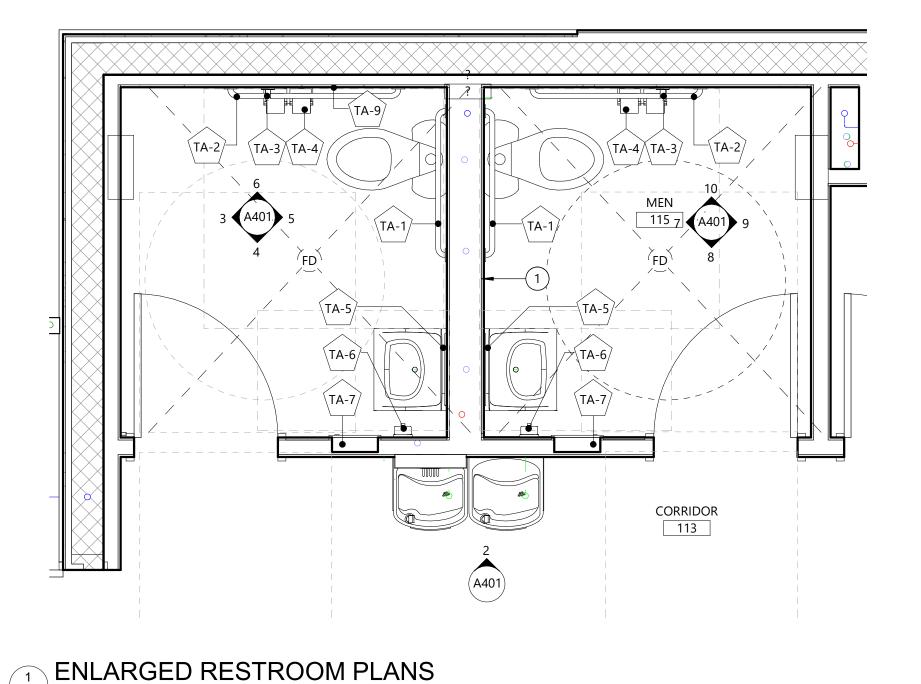


ROOF SYSTEM - RF-2 A321 1 1/2" = 1'-0"

ROOF SYSTEM - RF-3 A321 1 1/2" = 1'-0"



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RESTROOM EQUIPMENT SCHEDULE

		PRODUCT		FURNISHED	INSTALLED	
TAG	DESCRIPTION	MANUFACTURER	MODEL	BY	BY	FINISH MATERIAL
			,			
TA-1	GRAB BAR	BOBRICK	B-5806-36	G.C.	G.C.	SATIN STAINLESS STEEL
TA-2	GRAB BAR	BOBRICK	B-5806-42	G.C.	G.C.	SATIN STAINLESS STEEL
TA-3	GRAB BAR	BOBRICK	B-5806-18	G.C.	G.C.	SATIN STAINLESS STEEL
TA-4	TOILET TISSUE DISPENSER	BOBRICK	B-265	G.C.	G.C.	STAINLESS STEEL
TA-5	MIRROR	BOBRICK	B-165 -1836	G.C.	G.C.	STAINLESS STEEL
TA-6	SURFACE MOUNTED SOAP DISPENSER	BOBRICK	B-2111	G.C.	G.C.	STAINLESS STEEL
TA-7	PAPER TOWEL & WASTE RECEPTACLE	BOBRICK	B-38034	G.C.	G.C.	STAINLESS STEEL
TA-8	ноок	BOBRICK	B-6717	G.C.	G.C.	SATIN STAINLESS STEEL
TA-9	RECESSED SANITARY NAPKIN DISPOSAL	BOBRICK	B-353	G.C.	G.C.	SATIN STAINLESS STEEL
TA-10	TOUCHLESS PAPER TOWEL DISPENSER	GEORGIA-PACIFIC	59466A	G.C.	G.C.	SATIN STAINLESS STEEL



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FLOOR PLAN KEY NOTES (S)

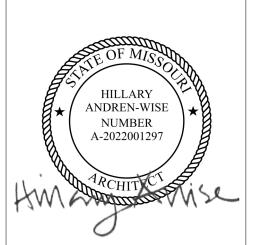
PROVIDE 5/8" MOISTURE RESISTANT GYPSUM BOARD AT ALL WET WALL LOCATIONS.BASIS OF DESIGN - NATIONAL GYPSUM "GOLD BOND XP GYPSUM BOARD WITH SPORGARD.

PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



REVIS	SIONS	
NO.	DESCRIPTION	DATE

DATE ISSUED:	02/15/2022
REVIEWED BY:	СР
DRAWN BY:	RI/CJ
DESIGNED BY:	RSH

PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC.

SHEET TITLE:

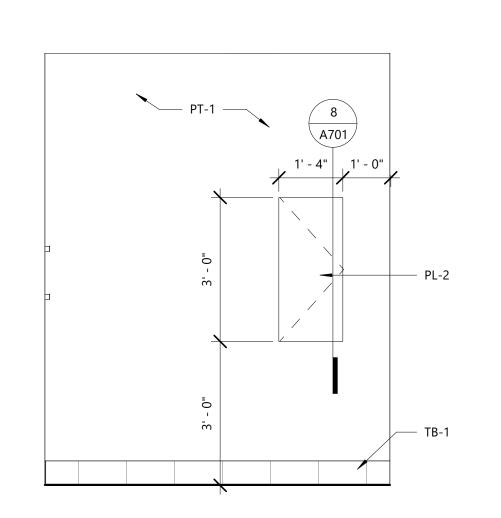
ENLARGED RESTROOM PLANS AND ELEVATIONS

SHEET ID:

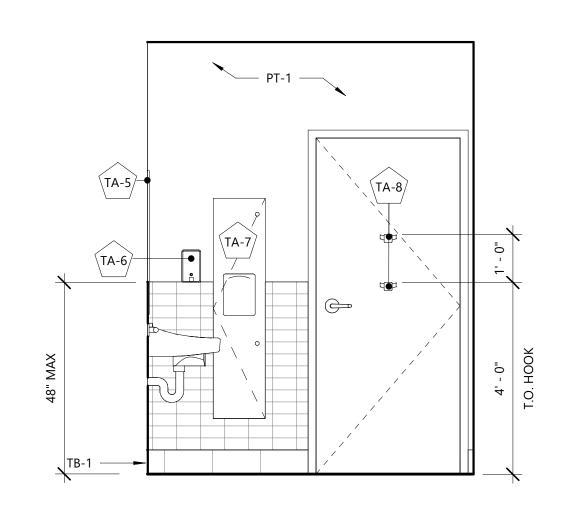
A401

PROJECT STATUS: PERMIT DOCUMENTS

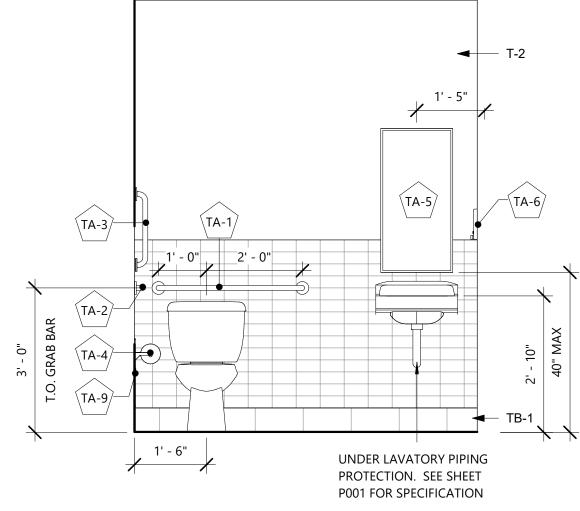
2 CORRIDOR 113 - NORTH
A401 1/2" = 1'-0"

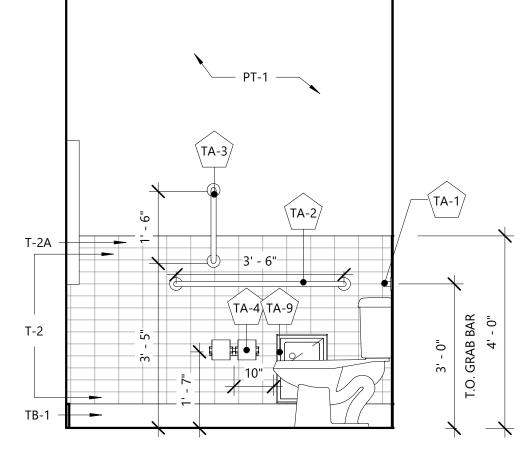


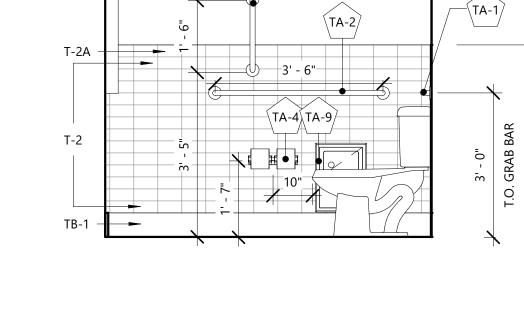
3 WOMEN'S 114 - WEST
A401 1/2" = 1'-0"



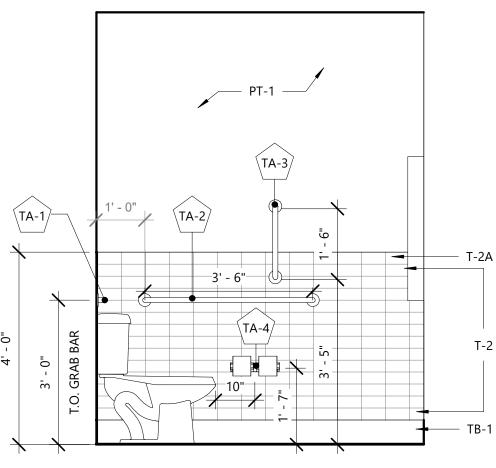
4 WOMEN'S 114 - SOUTH
A401 1/2" = 1'-0"







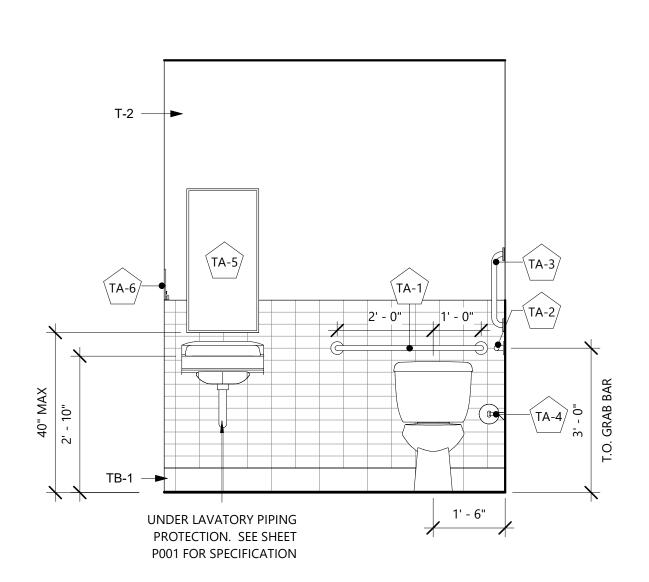
5 WOMEN'S 114 - EAST
A401 1/2" = 1'-0"



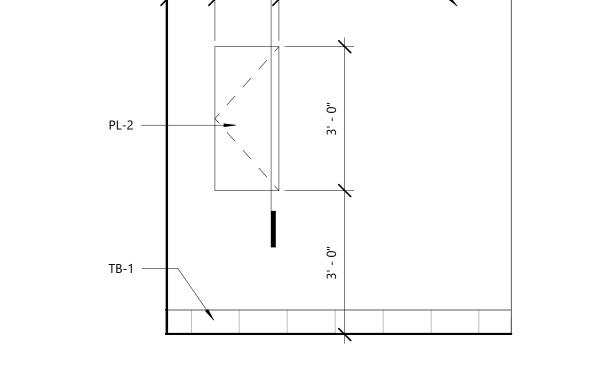
6 WOMEN'S 114 - NORTH
A401 1/2" = 1'-0"

10 MEN'S 115 - NORTH
A401 1/2" = 1'-0"

9 MEN'S 115 - EAST
A401 1/2" = 1'-0"

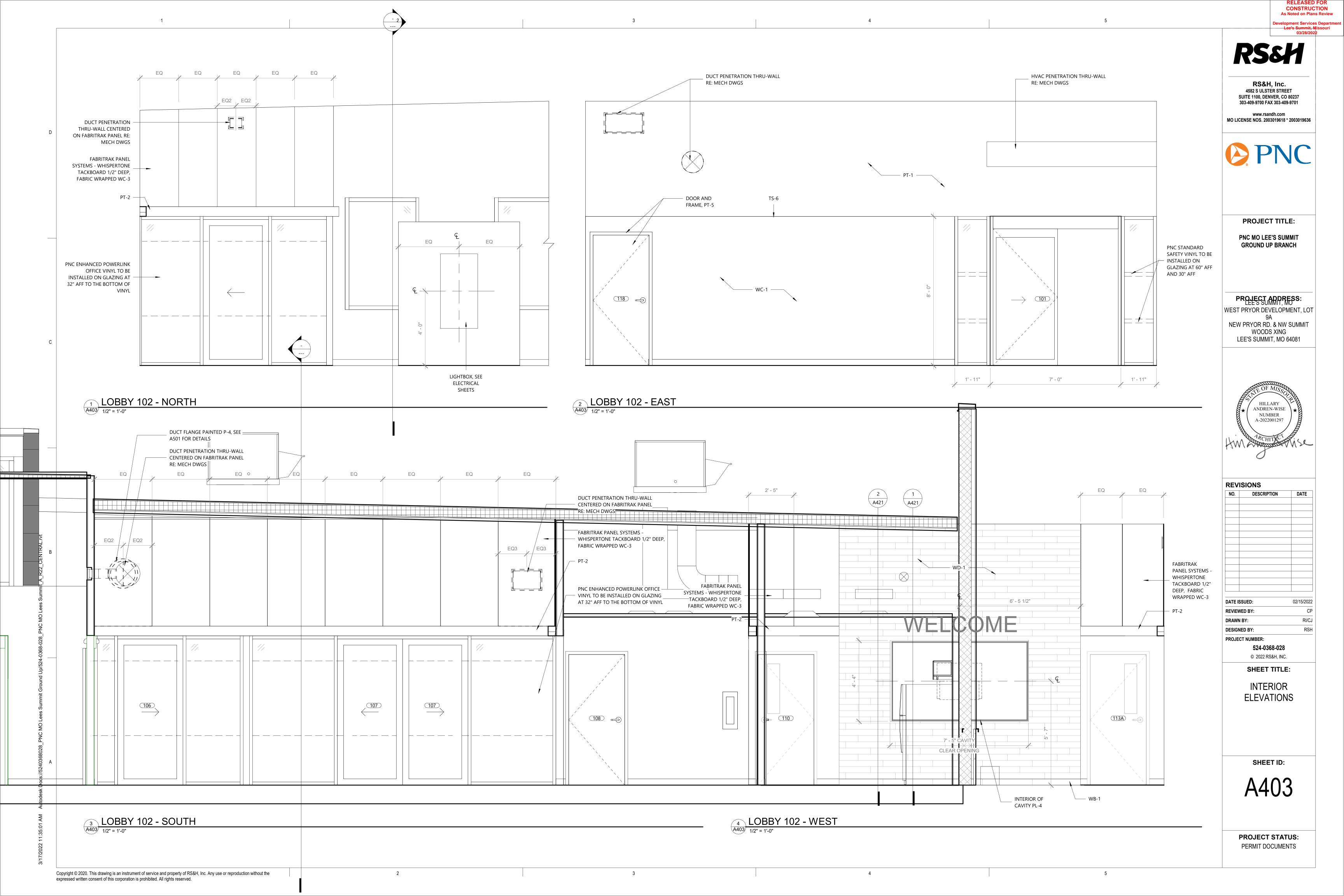


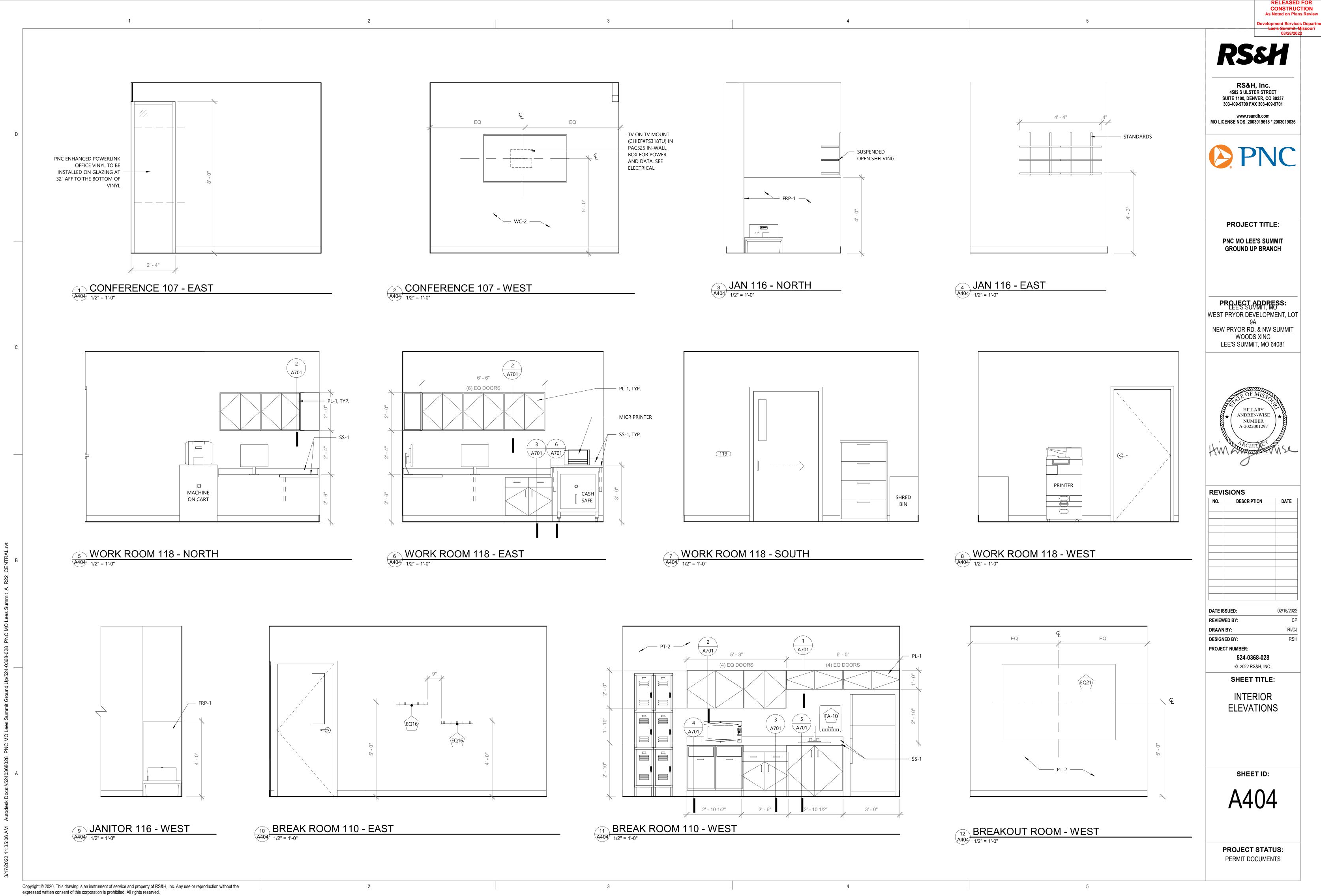
7 MEN'S 115 - WEST	8 MEN'S 115 - SOUT
A401 1/2" = 1'-0"	A401 1/2" = 1'-0"



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RELEASED FOR
CONSTRUCTION
As Noted on Plans Review RS&H, Inc. 4582 S ULSTER STREET SUITE 1100, DENVER, CO 80237 303-409-9700 FAX 303-409-9701 DUCT PENETRATION THRU-WALL CENTERED ON FABRITRAK PANEL RE: MECH DWGS www.rsandh.com RETURN DIFFUSER, MO LICENSE NOS. 2003019618 * 2003019636 SEE MECHANICAL DUCT FLANGE PAINTED P-4, SEE FOR MORE DETAIL EQ2 EQ2 A501 FOR DETAILS CLEAR ANODIZED FABRITRAK PANEL ALUMINUM LETTER SET SYSTEMS - WHISPERTONE TACKBOARD 1/2" DEEP, FABRIC WRAPPED WC-3 7' - 0" 2' - 9" Video Banking / ATM BREAK METAL PAINTED PT-4 PT-2 -— PT-1 PT-1 — PNC ENHANCED POWERLINK RADIANT PROJECT TITLE: OFFICE VINYL TO BE HEATER INSTALLED ON GLAZING AT RE: MECH. 32" AFF TO THE BOTTOM OF PNC MO LEE'S SUMMIT DWGS. VINYL PNC STANDARD **GROUND UP BRANCH** — FCP-1 SAFETY VINYL TO BE INSTALLED ON WC-5, TYP. GLAZING AT 60" AFF AND 30" AFF WC-4, TYP. -(100B) <---PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT WC-6, TYP. NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081 RB-1 3' - 0" 4 GATHERING AREA 105 - WEST
A402 1/2" = 1'-0" VESTIBULE 100 - WEST 3 ATM 101 - NORTH
A402 1/2" = 1'-0" VESTIBULE 100 - NORTH HILLARY ANDREN-WISE A402 1/2" = 1'-0" NUMBER A-2022001297 REVISIONS NO. DESCRIPTION DATE TV ON TV MOUNT TV ON TV MOUNT (CHIEF#TS318TU) IN PAC525 (CHIEF#TS318TU) IN PAC525 IN-WALL BOX FOR POWER IN-WALL BOX FOR POWER AND DATA. SEE ELECTRICAL AND DATA. SEE ELECTRICAL DATE ISSUED: 02/15/2022 EQ EQ REVIEWED BY: RI/CJ DRAWN BY: EQ PNC ENHANCED POWERLINK EQ OFFICE VINYL TO BE DESIGNED BY: - Installed on Glazing at PROJECT NUMBER: 32" AFF TO THE BOTTOM OF 524-0368-028 VINYL INSTALL GRMMET ON © 2022 RS&H, INC. COUNTER ABOVE 7 A701 POWER/DATA SHEET TITLE: OUTLETS INTERIOR **ELEVATIONS** 3' - 5" 3' - 5 1/2" SHEET ID: 6 COLLABORATION 106 - EAST
A402 1/2" = 1'-0" 5 HALL 120 - NORTH
A402 1/2" = 1'-0" 8 FLEX 109 - NORTH
A402 1/2" = 1'-0" 7 OFFSTAGE 111 - WEST
A402 1/2" = 1'-0" PROJECT STATUS: PERMIT DOCUMENTS Copyright © 2020. This drawing is an instrument of service and property of RS&H, Inc. Any use or reproduction without the





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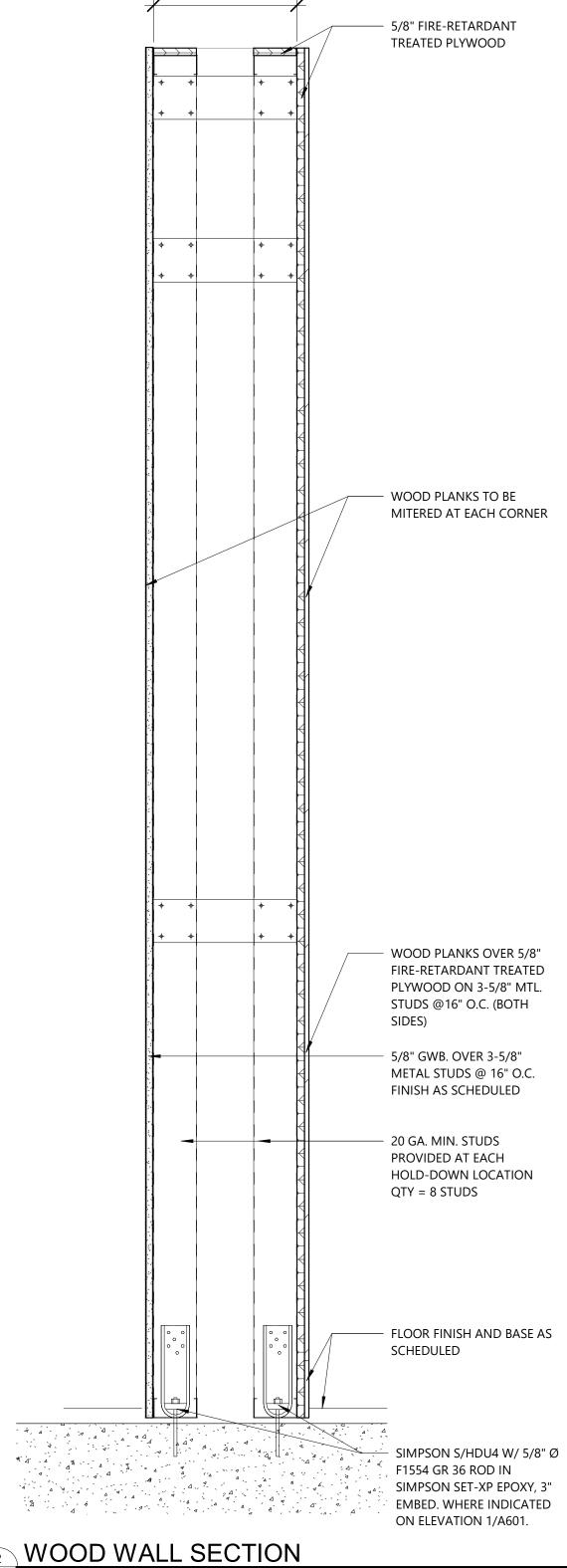
RECESSED RECEPTACLES.

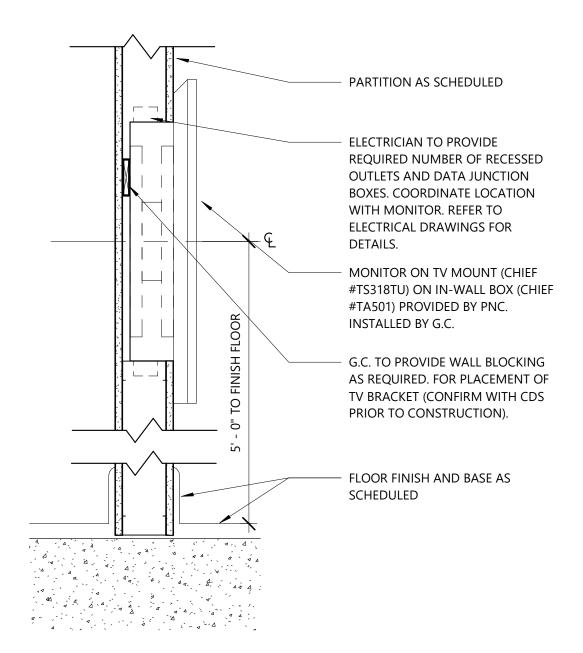
NOTE: MILLWORKER TO PROVIDE FANS AND ALL

CUTOUTS FOR UNITS AND ROUTING OF POWER TO

RELATED POWER AND CONNECTION ITEMS. MILLWORKER TO COORDINATE ALL REQUIRED

WOOD WALL SECTION AT MILLWORK INSERT A421 1 1/2" = 1'-0"





SECTION AT WALL MOUNTED TV

A421 1 1/2" = 1'-0"

CONSTRUCTION As Noted on Plans Review

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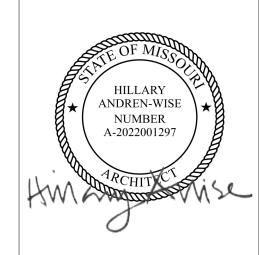


PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



REVISIONS DATE NO. DESCRIPTION

DATE ISSUED: 02/15/2022 REVIEWED BY: DRAWN BY: RS&H **DESIGNED BY:** PROJECT NUMBER:

> © 2022 RS&H, INC. SHEET TITLE:

524-0368-028

INTERIOR MEDIA WALL SECTIONS

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

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DOOR HARDWARE

FUNCTION

EΑ

EA

EΑ

EΑ

HINGES

SILENCERS

HINGES

EA SILENCERS

HINGES

DIGITAL LOCKSET

DOOR VIEWER

CLOSER (PULL SIDE)

KICK PLATE (PUSH SIDE)

CLASSROOM LOCKSET

KICK PLATE (PUSH SIDE)

STOREROOM LOCKSET

CLOSER (PULL SIDE)

CLOSER (PULL SIDE)

KICK PLATE (PUSH SIDE)

KICK PLATE (PUSH SIDE)

CLOSER (PULL SIDE)

DOOR VIEWER

SILENCERS

HINGES

SILENCERS

LOCKSET

HINGES

SILENCERS

LOCKSET

HINGES

SILENCERS

LOCKSET

HINGES

SILENCERS

VISION LIGHT KIT

CLOSER (PULL SIDE)

HINGES AS REQUIRED

DOOR CLOSER (PUSH SIDE)

THRESHOLD (METAL)

WEATHER STRIPPING

CYLINDER HOUSING

42" POCKET FRAME KIT

1. SCOPE OF WORK: ALL NEW AND EXISTING FINISHED DOOR FRAMES SHALL BE

NEW BUILDING STANDARD VENEER DOOR LEAVES SHALL MATCH EXISTING.

ALL DOORS AND DOOR HARDWARE SHALL BE BUILDING STANDARDS EXCEPT

BUILDING STANDARD DOORS ARE <3'-0" X 8'-0" X 1-3/4"> FLUSH SOLID CORE.

ALL HARDWARE SHALL MATCH BUILDING STANDARD. BUILDING STANDARD

ALL DOORS, FRAMES, AND HARDWARE, INCLUDING THOSE OF DIFFERING SIZE,

ALL KEYING SHALL BE BY GENERAL CONTRACTOR. VERIFY THE NUMBER OF KEYS

G.C. IS TO EXAMINE EXISTING DOORS AND HARDWARE AND TAKE RESPONSIBILITY FOR THE PROTECTION OF THESE DOORS AND HARDWARE FOR THE DURATION OF THE CONSTRUCTION PERIOD. G.C. SHALL REPORT CONDITION OF DOORS TO

OWNER IN WRITING AT TIME OF ACCEPTANCE. G.C. SHALL TRANSPORT DOORS

SUPPLIED OUT OF OWNER'S STOCK (IF ANY) FROM SPACE WITHIN THIS BUILDING

HARDWARE IS <SCHLAGE AL-SERIES> HARDWARE WITH <BRUSHED

MATERIAL, AND OPERATION SHALL BE SUPPLIED BY THE CONTRACTOR.

BUILDING STANDARD VENEER IS < per work letter> TO MATCH EXISTING.

THE EXISTING BUILDING STANDARD DOOR LEAVES ARE TO BE TOUCHED-UP BY THE

WHERE SPECIFICALLY NOTED OTHERWISE ON DRAWINGS OR SPECIFICATIONS. ANY

EXISTING DOORS, FRAMES, AND HARDWARE TO BE REUSED SHALL BE TOUCHED UP

BUILDING STANDARD FRAMES ARE < VERSATRAC ALUMINUM > FRAMES. BUILDING

STANDARD FINISH IS <DARK BRONZE>. PROVIDE SILENCER(S) AND SOUND SEALS

FINISHED AS SPECIFIED ON PLANS AND PROJECT SPECIFICATIONS.

SUBMIT SAMPLES TO BUILDING OWNER FOR APPROVAL.

TO MATCH EXISTING BUILDING STANDARDS.

REQUIRED FOR THIS PROJECT WITH THE OWNER.

ALUMINUM/CHROME/BRONZE> FINISH.

TO THE WORK AREA.

AND/OR REPAIRED AS REQUIRED TO "LIKE NEW" CONDITION.

ELECTRIC HINGE

ELECTRIC EXIT

DOOR SWEEP

EA PULL BAR (PUSH SIDE)

ALARM

EA 6" DOOR PULL

EA EA

DOOR NOTES

CONTRACTOR.

POWER SUPPLY

CLOSER (PULL SIDE)

KICK PLATE (PUSH SIDE)

PRIVACY LOCKSET x INDICATOR

DOOR STOP (FLOOR MOUNTED)

L9040 O2AxL283-722

BB81 4.5"x4.5" 26D

8400 12"x34" B4E CS

BB81 4.5"x4.5" 26D

LOPRP 6x27 W/ CLEAR TEMPERED GLASS

BY FRAME MANUFACTURER

L1021 (SFIC/LESS CORE)

BY FRAME MANUFACTURER

BB81 4.5"x4.5" 26D

BB81 4.5"x4.5" EL2+4

1500SC 2X4 STUD WALL

EL25R EO (3'-0")

PS902 x 900-2RS

SC71 RW/PA TB

SC71 RW/PA TB

FS436

PG21

1732

80-102

8102HD 6"

SC71 RW/PA TB

SC71 RW/PA TB

SC71 RW/PA TB

SC71 RW/PA TB

DS2000S

FS436

L9080

DS2000S

BY FRAME MANUFACTURER

DL2700IC (SFIC/LESS CORE)

BY FRAME MANUFACTURER

ALX70BD BRW (C-KEYWAY)

BY FRAME MANUFACTURER

BY FRAME MANUFACTURER

L1021 (SFIC/LESS CORE)

BY FRAME MANUFACTURER

L1021 (SFIC/LESS CORE)

SC71 RW/PA TB

FS436

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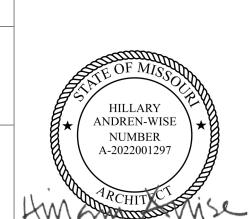
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CONSTRUCTION As Noted on Plans Review

PROJECT TITLE:

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT WOODS XING

LEE'S SUMMIT, MO 64081



REVISIONS

02/15/2022

RS&H

** COORDINATE ALL SIGNAGE DESIGN AND FINAL PLACEMENT WITH SIGNAGE VENDOR

PURPOSE

TOILET ROOMS

WORK ROOM

BREAK ROOM

STORAGE ROOM

JANITORS ROOM

ELEC/IT ROOM

CORRIDOR

EXIT ONLY

STORAGE / OFF STAGE

PREP DOOR FOR CARD ACCESS VIA

MORTISE LOCKSET, EPT-10 HINGE

PRIVATE OFF-STAGE OFFICE

PREP DOOR FOR CARD ACCESS VIA

MORTISE LOCKSET, EPT-10 HINGE

626 SCHLAGE

ALUM FALCON

26D ALARM LOCK

ALUM DOORSCOPE

26D PBB

26D IVES

32D IVES

26D PBB

26D IVES BRNZE ANEMOSTAT

26D PBB

26D IVES

26D PBB

N/A FALCON

ALUM FALCON

ALUM FALCON

626 SCHLAGE

ALUM FALCON

ALUM DOORSCOPE

626 SCHLAGE

ALUM FALCON

26D ALARM LOCK

26D ALARM LOCK

26D ALARM LOCK

FALCON

FALCON

MS ALARM LOCK

TRIMCO

JOHNSON

626 SCHLAGE

26D IVES

ALUM FALCON

SEE SCHEDULE **EXIT** % % % %

PROVIDE AND INSTALL TACTILE SIGNAGE AT ALL EXITS. (2) TOTAL REQUIRED.

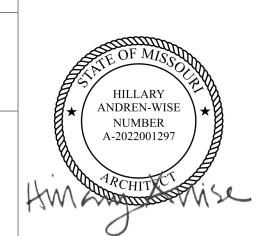
DOOR ASSEMBLIES SHALL BE FIRE RATED ("LABELED") WHEN REQUIRED BY THE LOCAL BUILDING CODE.

G.C. SHALL PROVIDE MATCHING DOOR LEAVES AT ALL PAIRS OF DOORS. RELOCATED DOORS SHALL BE PAIRED AS CLOSELY AS POSSIBLE BASED ON WOOD **GRAIN AND COLOR.**

13. G.C. TO PROTECT PREFINISHED DOORS AND FRAMES THROUGH THE CONSTRUCTION PERIOD. DOORS THAT ARE DAMAGED AS A RESULT OF HIM OR HIS SUBCONTRACTOR'S WORK DURING THIS PERIOD SHALL BE REPAIRED OR REPLACED BY THE G.C.

BIDDING CONTRACTORS SHALL VERIFY ALL INFORMATION IN REGARDS TO DOOR ASSEMBLIES, BUILDING STANDARDS (SIZES, VENEERS, FRAME TYPES, ETC.) AND RESPONSIBILITIES PRIOR TO STARTING BIDS.

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**



NO. DESCRIPTION

DATE ISSUED:

REVIEWED BY:

DESIGNED BY:

PROJECT NUMBER:

524-0368-028

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SHEET TITLE:

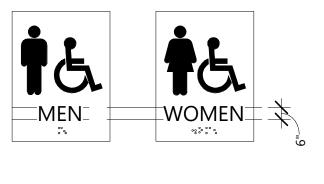
DOOR SCHEDULE,

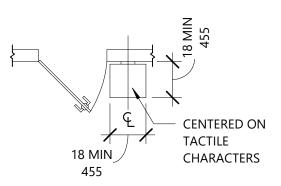
DOOR TYPES AND

NOTES

DRAWN BY:

SIGNAGE DETAILS





SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

							DOO	R SCHEDULE						
					DOOR			FRAME						
DOC	OR			SIZE	,	DOOR					DETAILS			
NC	FROM ROOM	TO ROOM	WIDTH	HEIGHT	THICKNESS	TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HEAD	JAMB	SILL	HARDWARE	COMMENTS
100	A	ATM	6' - 8 1/2"	7' - 4"	1 3/4"	Е	ALUM/GLASS	-	ALUM	6/A601	7/A601	-	BY OTHERS	-
D 100	B ATM	ATM	6' - 8 1/2"	7' - 4"	1 3/4"	Е	ALUM/GLASS	-	ALUM	6/A601	7/A601	-	BY OTHERS	-
10	I ATM	CHAT LOUNGE	6' - 8 1/2"	7' - 4"	1 3/4"	E	ALUM/GLASS	-	aluminum	6/A601	7/A601	-	BY OTHERS	NO SADDLE THRESHOLD REQUIRED
10	CHAT LOUNGE	COLLABORATION	3' - 6"	7' - 10"	1 3/4"	Α	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	SEE NOTE 'A'
10	7 CHAT LOUNGE	CONFERENCE	3' - 6"	7' - 10"	1 3/4"	Α	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	SEE NOTE 'A'
10	BREAKOUT ROOM	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	В	HOLLOW METAL	1	HOLLOW METAL	1/A601	1/A601	3/A601	6	-
10	FLEX	CORRIDOR	3' - 6"	7' - 10"	1 3/4"	Α	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	SEE NOTE 'A'
11	BREAK ROOM	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	AA	HOLLOW METAL	1	HOLLOW METAL	1/A601	1/A601	3/A601	3	SEE NOTE 'C', PROVIDE FROSTED GLAZING
11	BREAK ROOM	OFFSTAGE	3' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL	3	WOOD	-	-	-	9	FIRE RATED TREATED HEADER
11	ELEC / IT ROOM	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	С	HOLLOW METAL	1	HOLLOW METAL	1/A601	1/A601	3/A601	5	-
113	A CHAT LOUNGE	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	AA	HOLLOW METAL	1	HOLLOW METAL	1/A601	1/A601	3/A601	7	SEE NOTE 'A'
113	В	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	С	INSULATED METAL	2	INSULATED METAL	-	-	-	8	SEE NOTE 'H'
11	4 CORRIDOR	WOMEN	3' - 0"	7' - 0"	1 3/4"	С	HOLLOW METAL	1	HOLLOW METAL	1/A601	1/A601	3/A601	1	SEE NOTE 'D'
11:	5 MEN	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	С	HOLLOW METAL	1	HOLLOW METAL	1/A601	1/A601	3/A601	1	SEE NOTE 'D'
11	CORRIDOR	JAN	3' - 0"	7' - 0"	1 3/4"	С	HOLLOW METAL	1	HOLLOW METAL	1/A601	1/A601	3/A601	4	-
11	CHAT LOUNGE	HUB	3' - 6"	7' - 10"	1 3/4"	Α	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	BY OTHERS	SEE NOTE 'A'
11	3 WORK ROOM	CHAT LOUNGE	3' - 0"	7' - 0"	1 3/4"	В	HOLLOW METAL	1	HOLLOW METAL	1/A601	1/A601	3/A601	2	SEE NOTES 'B' AND 'C'
119	STORAGE	WORK ROOM	3' - 6"	7' - 0"	1 3/4"	D	HOLLOW METAL	3	WOOD	-	1	-	9	FIRE RATED TREATED HEADER

DOOR TYPES FRAME TYPES SEE SEE SEE SCHEDULÉ SCHEDULE SCHEDULE SCHEDULE SCHEDULE SCHEDULE SCHEDULE SCHEDULE || SCHEDULE || SCHEDULE D) Χ) Υ Α В C Ε HOLLOW METAL DOOR FRAME INSULATED METAL DOOR FRAME 2X4 METAL FRAMED WALL, POCKET HAWORTH DEMOUNTABLE HM DOOR WITH HM DOOR HM SLIDING DOOR W/ HM DOOR W/ 5"W X 26"H HM DOOR WITH STANLEY SINGLE SLIDING DOOR DOOR FRAME W/ CASED OPENING PARTITION DOOR DOOR VIEWERS 5"W X 26"H INSET LITE INSET LITE FULL LITE MODEL NO. 3000

STOREFRONT SYSTEM NOTES

- CURTAINWALL SYSTEM: BASIS OF DESIGN IS KAWNEER 7525 SERIES CURTAINWALL SYSTEM OR APPROVED EQUAL. SYSTEM IS DOUBLE GLAZEX WITH OVERALL FRAME THICKNESS OF 6 5/16" AND A 2 1/2" SITELINE.
- PUNCHED WINDOWS: BASIS OF DESIGN IS KAWNEER TRIFAB 451-T OR COMPARABLE BY ONE OF THE FOLLOWING: EFCO CORPORATION, TRACO, VISTAWALL ARCHITECTURAL PRODUCTS. OVERALL FRAME THICKNESS IS 4 1/2" DEPTH WITH 2" SITELINE.
- GLAZING PERFORMANCE REQUIREMENTS: INSULATED UNIT BASIS OF DESIGN IS 7525 SERIES
 - PANE: 25MM AND 5.0MM INTERSPACE: 90% ARGON, 10% AIR OUTDOOR LIRE: CLASS 1 CLEAR FLOAT GLASS WITH

OVERALL UNIT THICKNESS AND THICKNESS OF EACH

COATED VISION-GLASS REQUIREMENTS. KIND FG

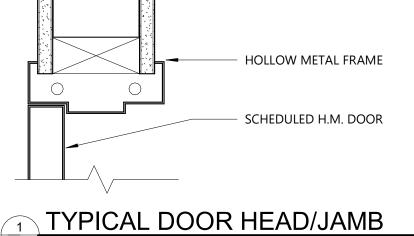
- (ANNEALED) INDOOR LITE: CLASS 1 CLEAR FLOAT GLASS KIND FG (ANNEALED)
- LOW E COATING: PYROLYTIC OR SPUTTERED ON SECOND SURFACE

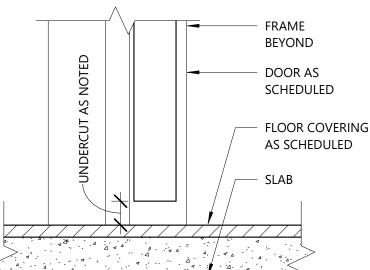
SHADING COEFFECIENT: 0.31 MAXIMUM

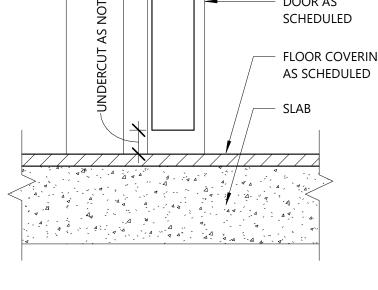
VISIBLE LIGHT TRANSMISSION: 64% MINIMUM U-VALUE: 0.24 MAXIMUM SOLAR HEAT GAIN: 0.27 MAXIMUM (GLASS ONLY)

DOOR DETAILS

SCHEDULED PARTITION HOLLOW METAL FRAME SCHEDULED H.M. DOOR

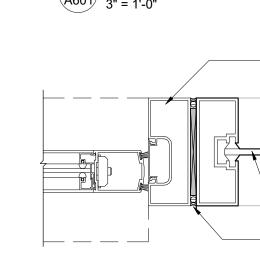


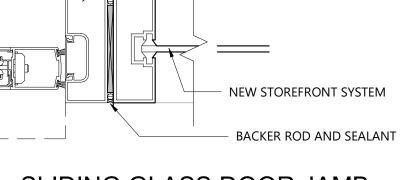




TYPICAL DOOR SILL

A601 3" = 1'-0"





NEW STOREFRONT SYSTEM

BACKER ROD AND SEALANT

STANLEY DURA-GLIDE

2000 SERIES SINGLE

SLIDE DOOR HEADER

COMBINED ACTIVATION/

SAFETY SENSOR

STANLEY DURA-GLIDE

3000 SERIES SINGLE

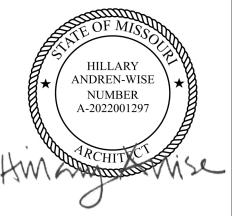
SLIDE DOOR JAMB

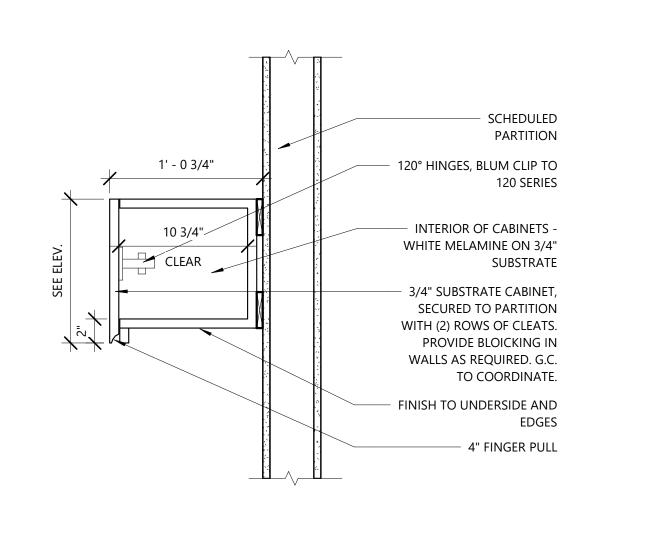
J-BEAD, TYP.

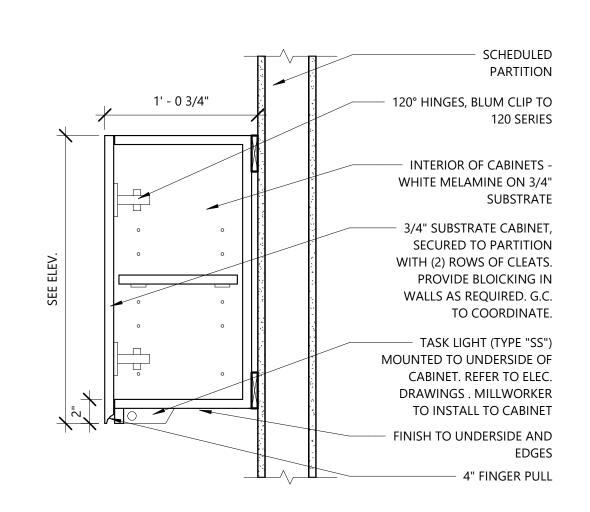


6 SLIDING GLASS DOOR HEAD

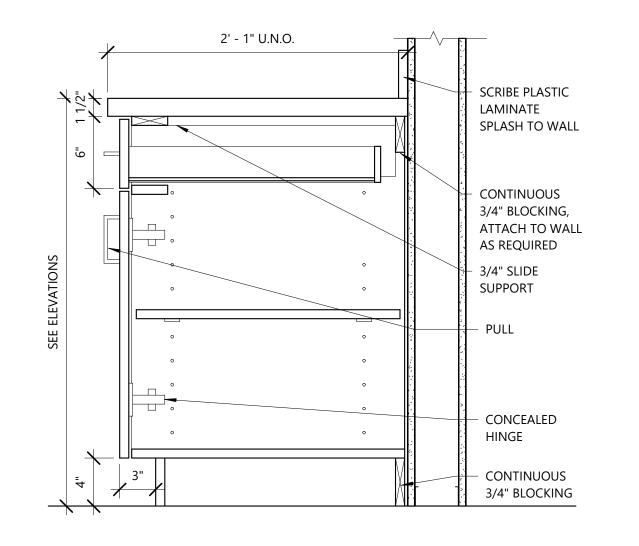
EXTERIOR GLAZING SCHEDULE TAG DESCRIPTION **GLAZING** *BASIS OF DESIGN: VITRO ARCHITECTURAL GLASS - SOLARBAN 70 LOW-E WITH STARPHIRE ULTRA-CLEAR GLASS GL-1 1" TEMPERED INSULATED GLAZING RS&H, Inc. 4582 S ULSTER STREET SUITE 1100, DENVER, CO 80237 303-409-9700 FAX 303-409-9701 ALUMINUM GLAZING FRAMES AF-1 NEW STOREFRONT SYSTEM TO MATCH EXISTING BUILDING STOREFRONT www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636 **GENERAL NOTES** 1. GC IS REQUIRED TO PROVIDE LANDLORD A STOREFRONT AND GLASS SAMPLE PRIOR FOR APPROVAL PRIOR TO INSTALLING. 10' - 8" 11' - 2" SEE SCHEDULE 2' - 6" 2' - 1" SEE SCHEDULE 2' - 1" PROJECT TITLE: PNC MO LEE'S SUMMIT **GROUND UP BRANCH** PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081 0'-0" FINISHED FLOOR HILLARY ANDREN-WISE NUMBER 6 4 8' - 3 1/2" 10' - 8" 14' - 11 1/2" 3 EQ SPACES 2 EQ SPACES 4 EQ SPACES REVISIONS NO. DESCRIPTION DATE 02/15/2022 DATE ISSUED: 4' - 0" Author DRAWN BY: STRUCTURAL COLUMN WRAPPED IN STRUCTURAL COLUMN WRAPPED IN BREAKMETAL TO MATCH STOREFRONT **DESIGNED BY:** SEE SCHEDULE 2' - 6" BREAKMETAL TO MATCH STOREFRONT PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC. SHEET TITLE: WINDOW TYPES SHEET ID: 0'-0" FINISHED FLOOR $\langle 3 \rangle$ 1 WINDOW TYPES **PROJECT STATUS:** PERMIT DOCUMENTS Copyright © 2020. This drawing is an instrument of service and property of RS&H, Inc. Any use or reproduction without the expressed written consent of this corporation is prohibited. All rights reserved.





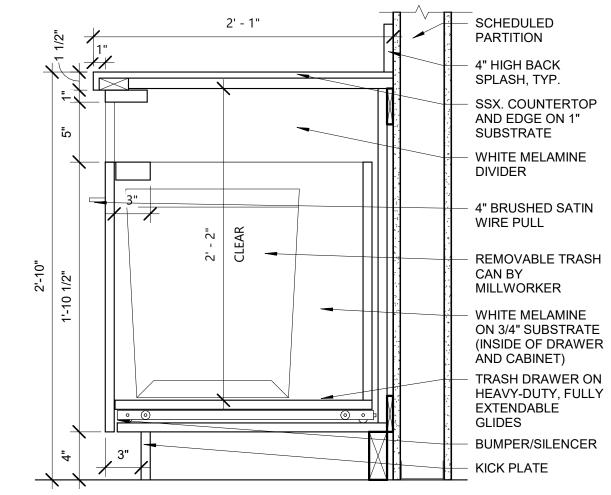


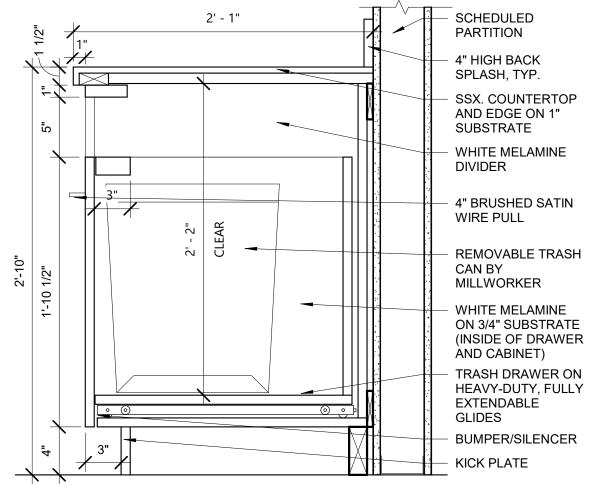
UPPER CABINET

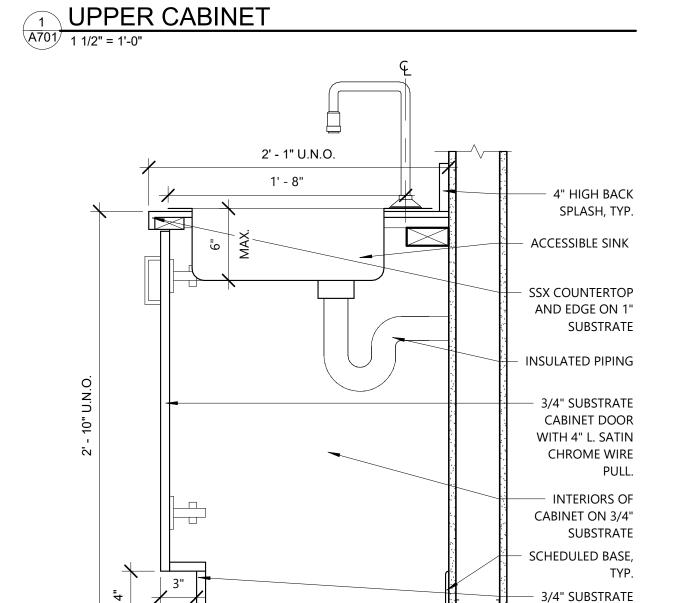


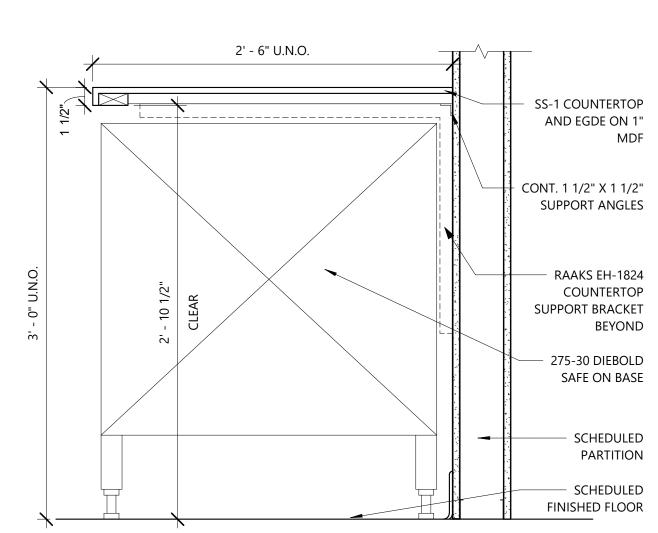
BASE CABINET - 1 DRAWER

KNEE SPACE

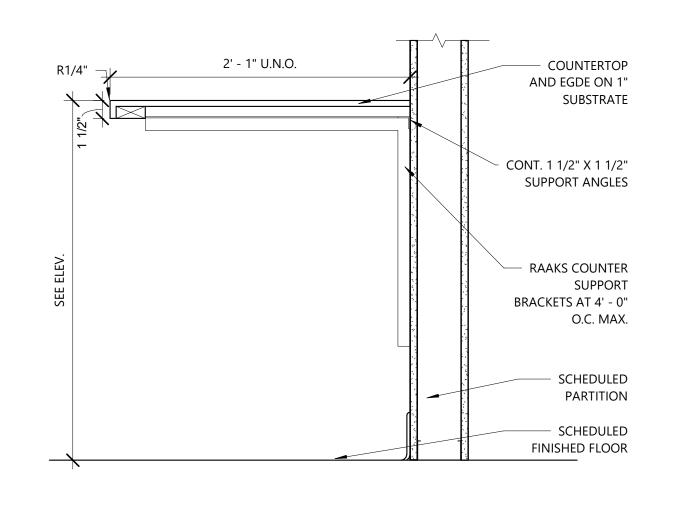


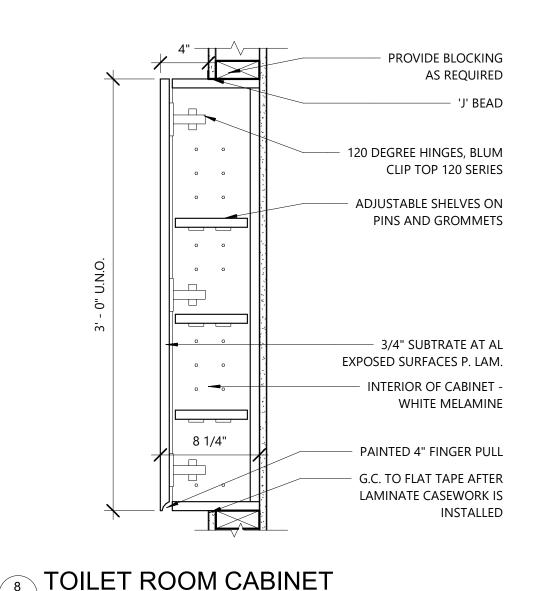


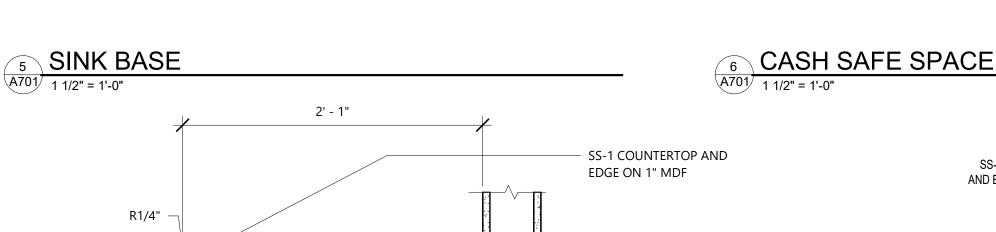




10 BASE CABINET A701 1 1/2" = 1'-0"







BASE INTEGRATED

INTO DOOR

4" LONG SATIN CHROME WIRE

UNDERCOUNTER FURNITURE

INTERIORS OF CABINET WHITE

MELAMINE ON 3/4" MDF

120° HINGES, BLUM CLIP

P.LAM ON 3/4" MDF BASE

INTEGRATED INTO DOOR

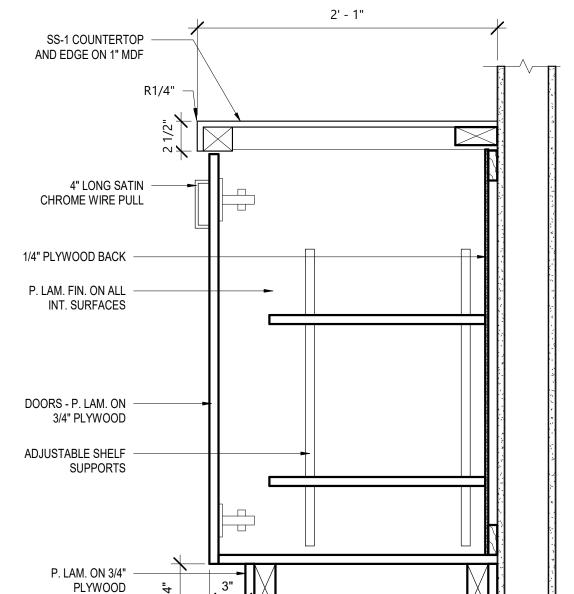
SCHEDULED BASE, TYP.

TOP 120 SERIES.

AP. LAM. ON 3/4" MDF, ALL EXPOSED

PROVIDED BY OWNER

SURFACES





- FABRICATE AND INSTALL CASEWORK TO AWI CUSTOM QUALITY STANDARDS FOR FLUSH OVERLAY CONSTRUCTION.
- BASE MOLDING AT ALL CABINETS SUPPLIED BY MANUFACTURER.
- PLASTIC LAMINATE TOPS ARE 25" DEEP, U.N.O.
- ALL CABINETS ARE TO BE SECURELY ATTACHED TO BUILDING STRUCTURE WITH ANCHORING DEVICES OF APPROPRIATE TYPE, SIZE, AND QUANTITY TO MEET PREVAILING CODES. ANCHORING DEVICES PROVIDED BY INSTALLATION CONTRACTORS.

TRASH CABINET

A701 1 1/2" = 1'-0"

- TOE KICKS ALONG EACH ELEVATION THAT ARE SEPARATED BY LESS THAN 2" ARE TO BE MADE FLUSH WITH A 3" MIN. DEPTH.
- QUANTITY OF MASTER KEYS IS FIVE (5), U.N.O.
- DOOR / DRAWER FRONTS AND EXPOSED CABINET EXTERIORS TO BE PLASTIC LAMINATE IN COLOR AS INDICATED ON INTERIOR ELEVATIONS AND INTERIOR FINISH SCHEDULE.
- INTERIOR OF ALL CABINETS AND DRAWERS ARE TO BE WHITE MELAMINE, U.N.O.
- COUNTERTOPS WILL NOT BE SUPPLIED WITH CUT OUT FOR COLUMNS. FIELD TRIM REQUIRED. ALL BACK SPLASH PARTS FOR COLUMNS WILL BE SUPPLIED OVERSIZE TO ALLOW FOR FIELD TRIM.
- ALL CUT OUTS FOR SINKS, GROMMETS, APPLIANCES, ETC. ARE TO BE FIELD CUT.
- COUNTERTOPS AND BACK SPLASHES ARE TO BE CAULKED.
- IF END SPLASHES ARE REQUIRED AGAINST WALLS, THEY WILL BE CUT TO DEPTH OF COUNTERTOP OR DEEPER. FIELD TRIM MAY BE REQUIRED.
- ALL BASE CABINETS ARE 24" DEEP, U.N.O. ON PLANS & INTERIOR ELEVATIONS. CABINETS AND SHELVING SHALL HAVE PLASTIC LAMINATE ON ALL EXTERIOR (EXPOSED) SURFACES, AND POLYESTER LAMINATE ON ALL INTERIOR (SEMI-
- EXPOSED) SURFACES. (SEE FINISH SCHEDULE).
- SHELVING IN JANITOR CLOSET ARE 12" WIDE WHITE MELAMINE SHELVES ON STANDARDS W/ADJUSTABLE BRACKETS UNLESS NOTED OTHERWISE.
- PROVIDE (1) 3" GROMMET FOR EVERY 3'-0" OF COUNTER TOP. COORDINATE FINAL LOCATIONS WITH OWNER.
- FIELD CHECKS INCLUDE NOT ONLY WALL DIMENSIONS BUT ALSO VERIFICATION OF ACTUAL FIELD CONDITIONS LIKE BANK EQUIPMENT LOCATIONS &
- DIMENSIONS, WALL LOCATIONS, COLUMN LOCATIONS & DIMENSIONS, PIPING PANEL LOCATIONS & DIMENSIONS, NECESSARY CHASE DIMENSIONS, ANGLE INFORMATION ON WALLS, OPENING OF CABINET DOORS & DRAWERS, AND REQUIRED ACCESSIBILITY COMPLIANCE REQUIREMENTS.
- SPECIFIC FIELD CHECK DIMENSIONS WILL NOT BE REQUESTED ON DRAWINGS WITH THE FULL UNDERSTANDING THAT ALL REQUIRED INFORMATION WILL BE PROVIDED BY THE GENERAL CONTRACTOR OR INSTALLATION CONTRACTOR.
- ALL FIELD CHECK INFORMATION / DIMENSIONS ARE TO BE NOTED ON SHOP DRAWING ELEVATIONS.
- WALL TO WALL DIMENSIONS SHOULD BE TAKEN ALONG THE BACK WALL AND APPROXIMATELY 2 FEET OUT. IF DIMENSIONS VARY 1/4" NOTE ON SHOP DRAWING ELEVATIONS: OTHERWISE NOTE SMALLER OF THE TWO DIMENSIONS.
- IF FIELD CONDITIONS INDICATE CABINET REQUIREMENTS OTHER THAN SHOWN IN THESE DRAWINGS, THEY ARE TO BE NOTED ON SHOP DRAWING
- ALL ROUGH-IN DIMENSIONS ON DRAWINGS ARE TO CENTERLINE OF SINK CABINETS.

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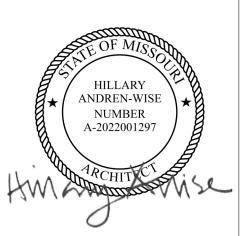


PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



REVISIONS NO. DESCRIPTION

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	DATE	ISSUED:	02/15/202
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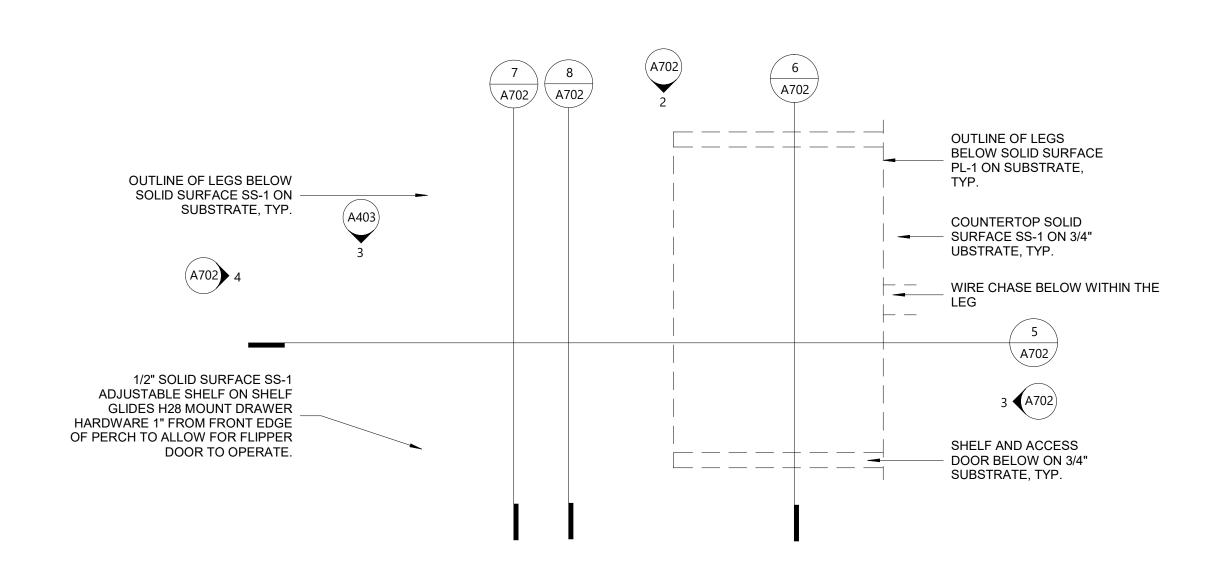
SHEET TITLE:

MILLWORK DETAILS

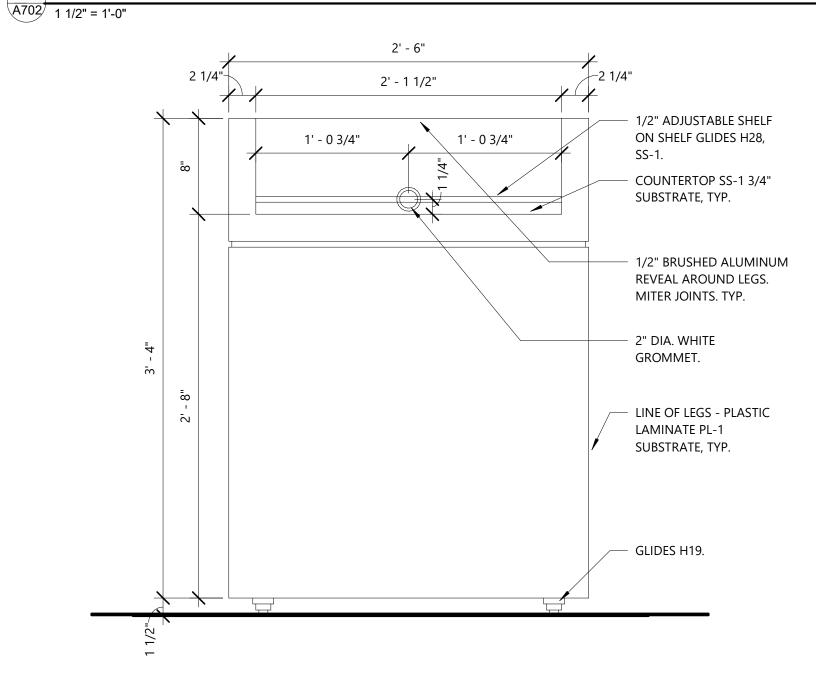
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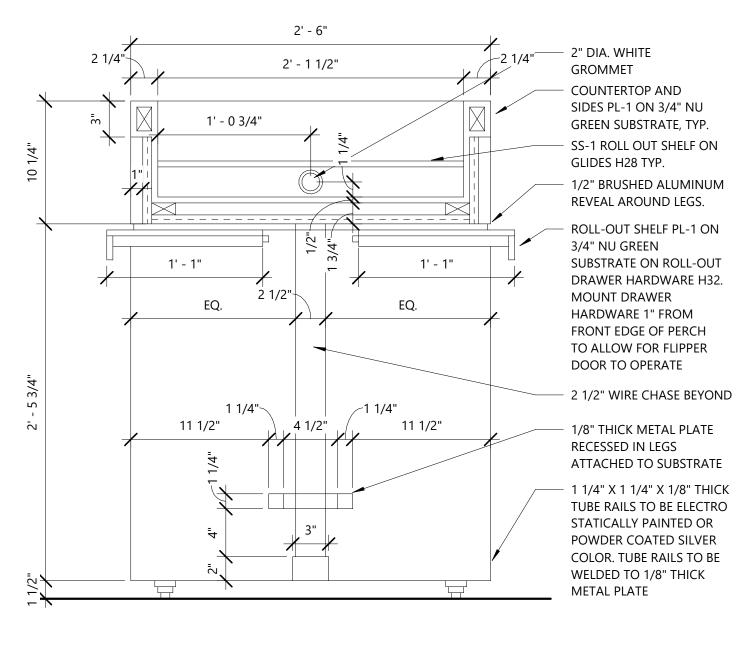
BASE CABINET AT CONCIERGE



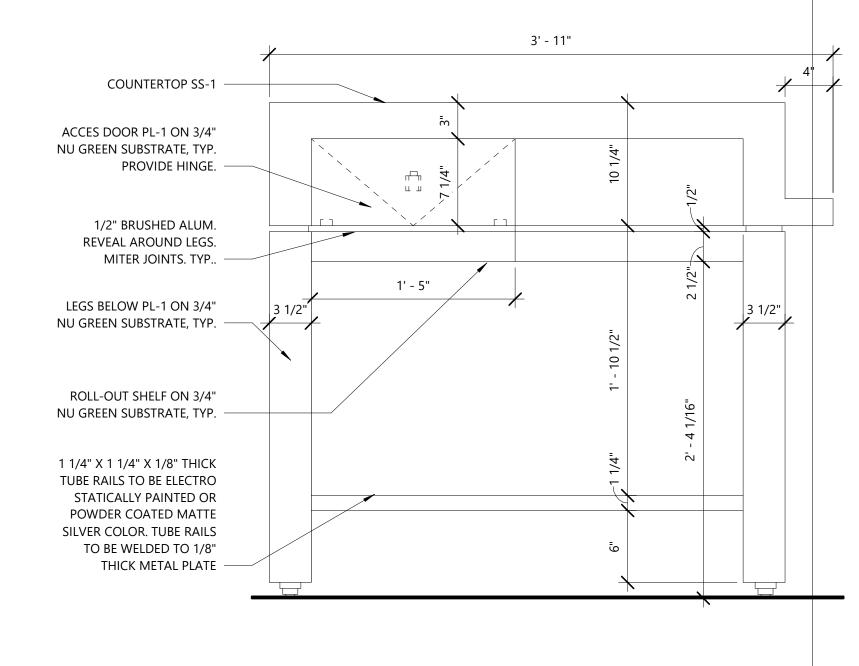
1 FLOOR PLAN - PERCH



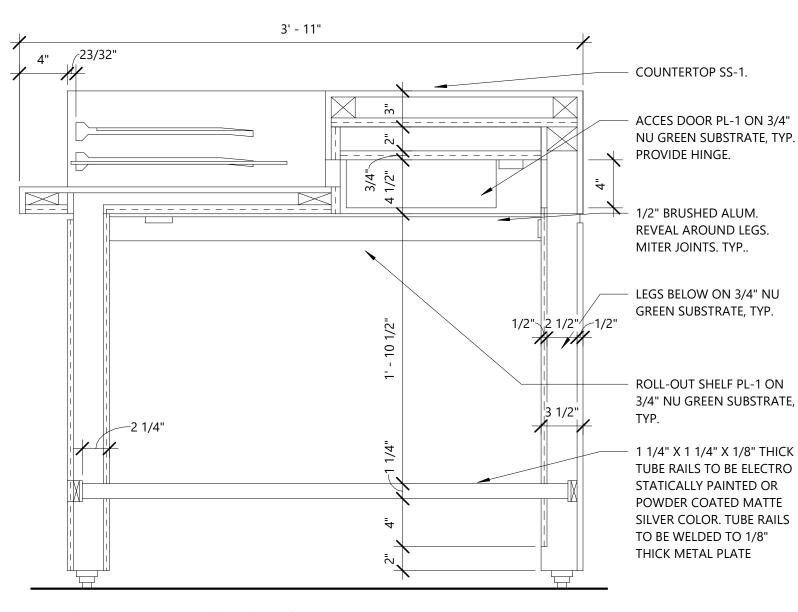
PERCH ELEVATION - WEST



ASSOCIATE PERCH SECTION

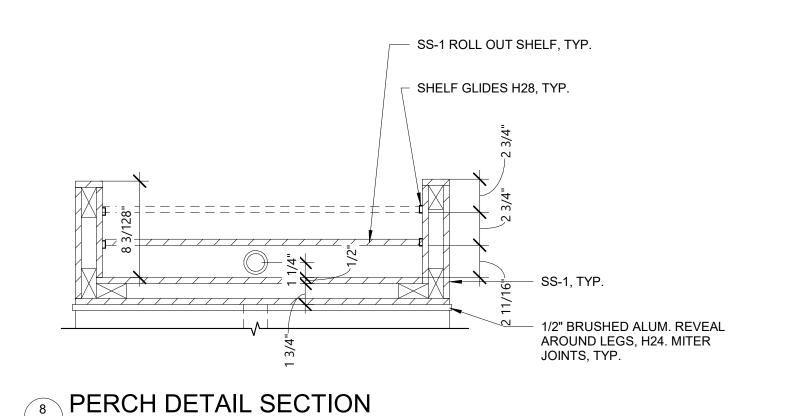


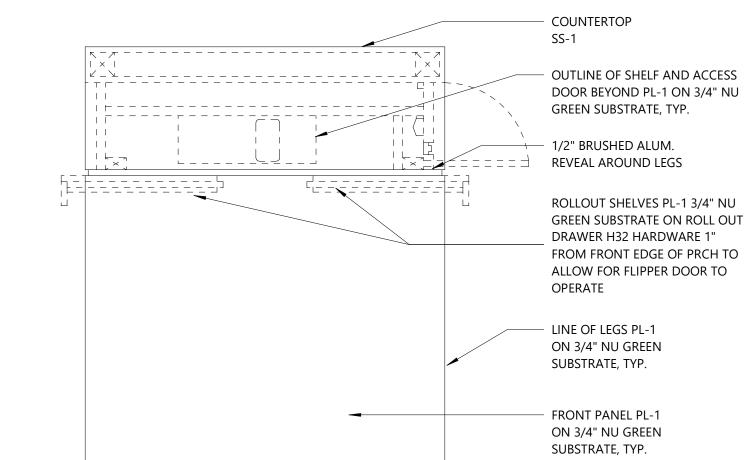
PERCH ELEVATION - NORTH A702 1 1/2" = 1'-0"



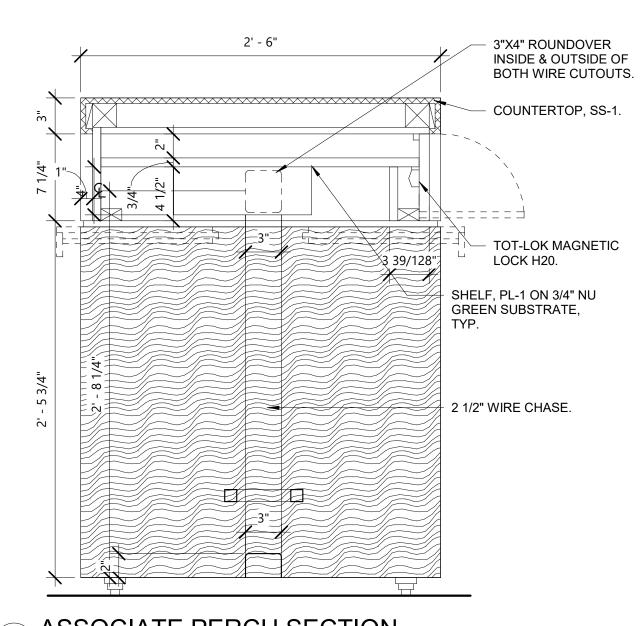
PERCH DETAIL SECTION A702 1 1/2" = 1'-0"

A702 1 1/2" = 1'-0"





PERCH ELEVATION - EAST



6 ASSOCIATE PERCH SECTION

HARDWARE SCHEDULE

H11	CPU BRACKET - DOUG MOCKETT CPUIA BLACK FINISH BY MILLWORKER NOTE: PNC PM SHALL VERIFY WITH CDS PRIOR TO MILLWORK FABRICATION TYPE OF BRACKET TO BE USED. BRACKET MAY NOT BE NEEDED PENDING CDS' EQUIPMENT DETERMINATION.
H19	GLIDES - MOMASTER CARR - BALL TRANSFER #64GOK45
H20	TOT-LOK MAGNETIC LOCK BY REV A SHELF, MODEL #TL13401-R BY MILLWORKER
H21	HINGE - 90 DEGREE FLAP HINGE WITH 35 MM CUP BY GRASS AMERICA INC. 210.735.04.0015 BY MILLWORKER
H24	3REVEAL - RICHELIEU - 1/2" X 1/8" FLAT BRUSHED ALUMINUM MOLDING, #MRB59918M BY MILLWORKER
H28	SHELF GLIDES - 14" BLUM EPOXY SLIDE, WHITE
H32	DRAWER GLIDES - ACCURIDE; MODEL #3832EDO DETENT IN AND OUT VERTICAL DRAWER

ADJUSTMENT CAM; FINISH: (C) CLEAR ELECTROPLATE OR EQUAL

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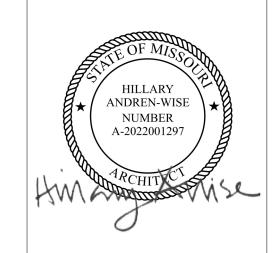
PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT

WOODS XING

LEE'S SUMMIT, MO 64081



REVISIONS NO. DESCRIPTION

DATE ISSUED: 02/15/2022 REVIEWED BY:

DESIGNED BY: PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC.

DRAWN BY:

SHEET TITLE:

PERCH DETAILS

SHEET ID:

A702

PROJECT STATUS: PERMIT DOCUMENTS

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As Noted on Plans Review

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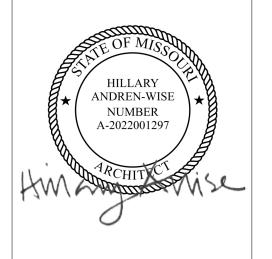


PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE

DATE ISSUED: 02/15/2022 REVIEWED BY: DRAWN BY:

DESIGNED BY: PROJECT NUMBER: 524-0368-028

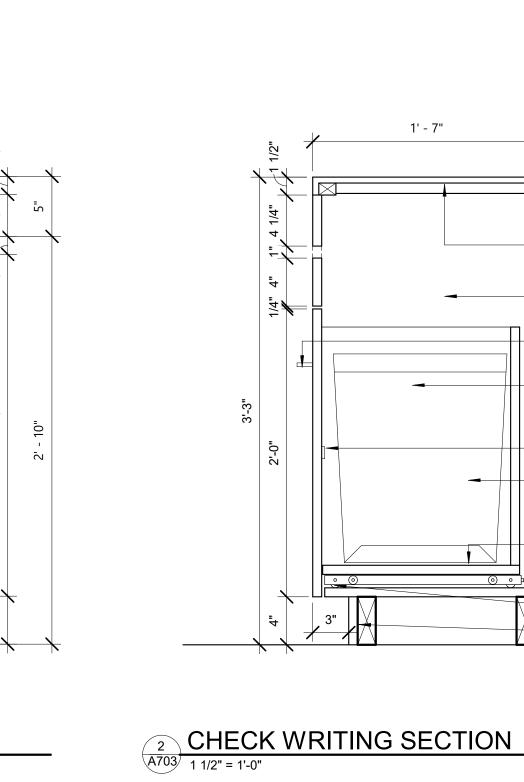
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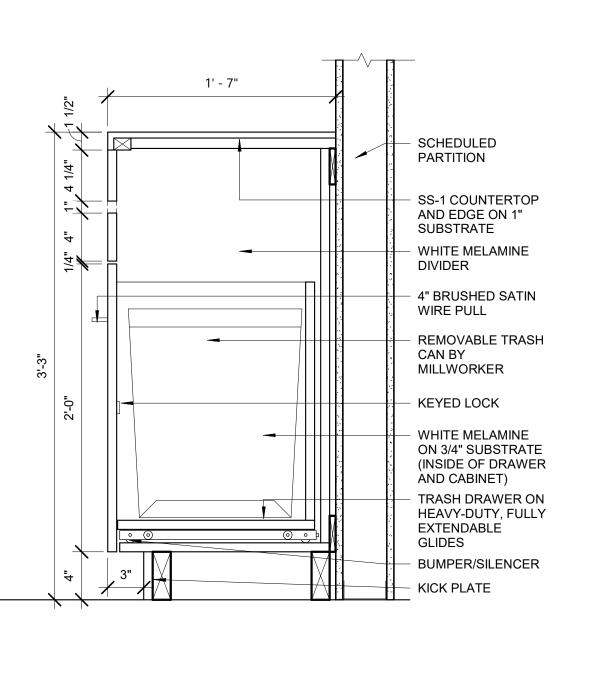
Designer

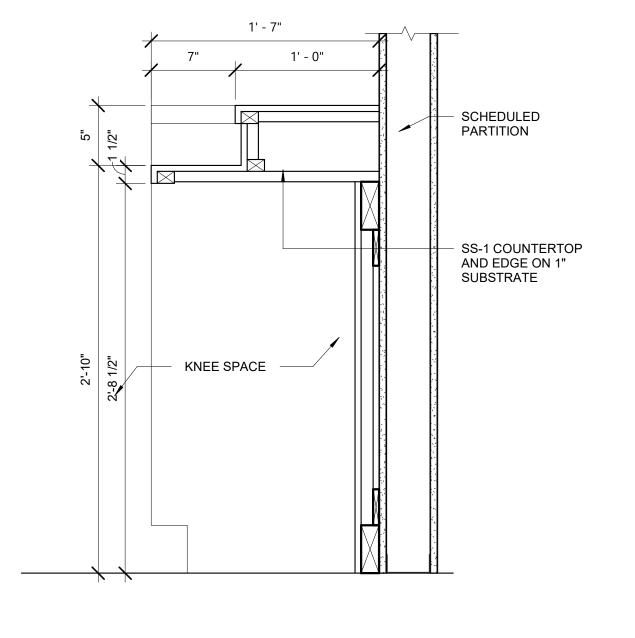
CHECK WRITING **DETAILS**

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS







3 CHECK WRITING SECTION 2

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3' - 8"

KEYED LOCK

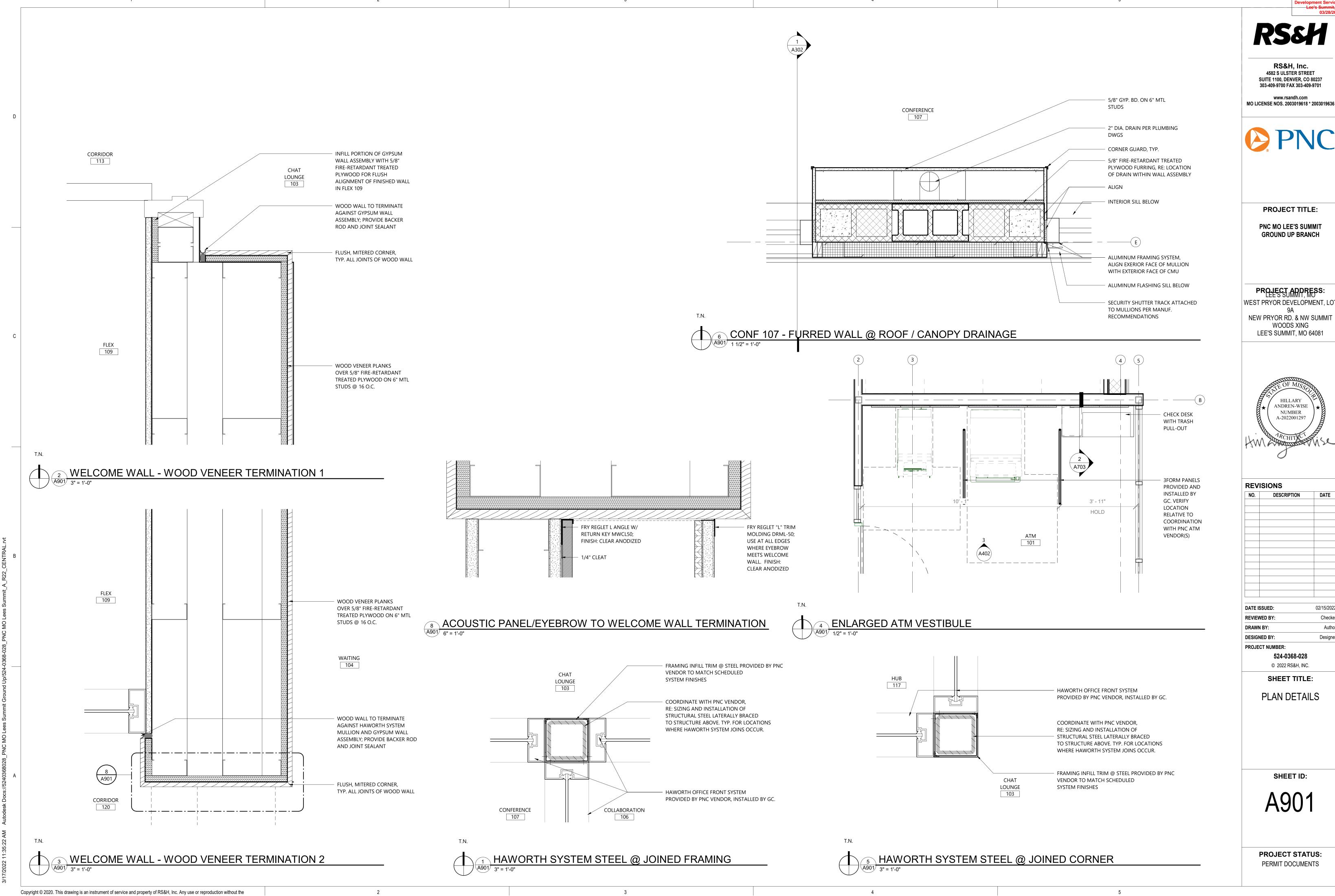
2' - 6"

KNEE SPACE ——

A703 1 1/2" = 1'-0"

CHECK WRITING ELEVATION

1' - 0"



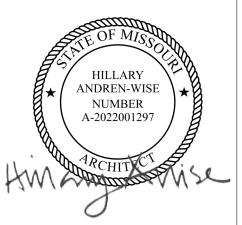
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CONSTRUCTION
As Noted on Plans Review

RELEASED FOR

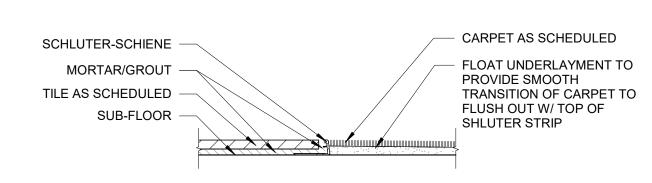


WEST PRYOR DEVELOPMENT, LOT



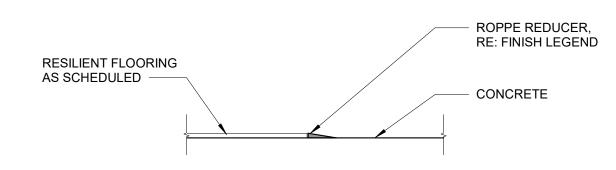
DATE

02/15/2022 Checker Author Designer

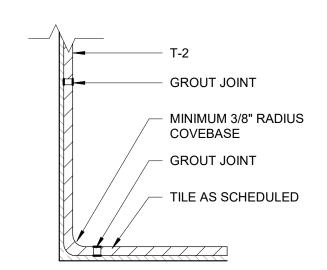


TS-2 TILE TO CARPET

| 10100 3" = 1'-0"



3 TS-3 FLOORING TO CONCRETE



4 TB-1 TILE BASE 10-10"

FINISH	DESCRIPTION	MANUFACTURER	PRODUCT	COLOR	SIZE	COMMENTS
FLOORS						
CPT-1	CARPET TILE	INTERFACE	NIMBUS	LICHEN 103969	25CM X 1M	INSTALLATION: ASHLAR
CPT-2	CARPET TILE	BENTLEY MILLS	BUZZ WORTHY	MONEY MAKER 400590	24" X 24"	INSTALLATION: PARQUET, BACKING: AFIRMA HARD BACK, FLOORING CONTRACTOR TO ENSURE SMOOTH TRANSITION BETWEEN TWO CARPETS
CPT-3	CARPET TILE	INTERFACE	STEP REPEAT SR899	GRANITE 104939	50CM X 50CM	INSTALLATION: MONOLITHIC
CPT-4	CARPET TILE	INTERFACE	STEP REPEAT SR699	IRON 104932	50CM X 50CM	INSTALLATION: MONOLITHIC
T-1	PORCELAIN FLOOR TILE	DALTILE	PORTFOLIO	IRON GREY PF06	24" X 24"	INSTALLATION: STRAIGHT LAY, GROUT: BOSTIK, DELOREAN GRAY H160, JOINT WIDTH: 1/8", PROVIDE A WATERPROOF MEMBRANE BENEATH THE FINISH FLOOR SURFACE UP TO A HEIGHT OF 4" ALONG ALL
VCT-1	VINYL COMPOSITION TILE	ARMSTRONG	PREMIUM EXCELON CROWN TEXTURE	STERLING 5C904	12" X 12"	INSTALLATION: STRAIGHT LAY
SC-1	SEALED CONCRETE FLOOR	RUST-OLEUM	4700 SYSTEM ULTRAPLEX -ESD	NATURAL NATURAL	-	-
			CONTROL COATING TYPE II STATIC DISSIPATIVE			
			DISSII ATIVE			
WALL BASE	DUDDED DAGE	TARKETT	NUMBER OF STATE	NAME OF THE CONTRACTOR OF THE	1051111	
RB-1 RB-2	RUBBER BASE RUBBER BASE	TARKETT TARKETT	MILLWORK REVEAL DURACOVE	WHITE SAND 68 WHITE SAND 68	4.25" H 4"	PROVIDE TOELESS BASE AT CARPET, PROVIDE TOE (COVE) BASE AT RESILIENT FLOORING
TB-1	TILE BASE	DALTILE	PORTFOLIO	IRON GREY PF06	6" X 12"	PROVIDE COORDINATING OUTCORNERS, GROUT: BOSTIK, DELOREAN GRAY H160, JOINT WIDTH: 1/8", SEE
WB-1	WOOD BASE TO MATCH WD-1	-	-	-	3/8" THICK SOLID WOOD	DETAIL: 4/ID100 -
					,	
WALLS PT-1	GENERAL PAINT	BENJAMIN MOORE	_	CHANTILLY LACE 2121-70	_	WALL FINISH: EGGSHELL, DOOR & FRAME FINISH: SEMI-GLOSS, CEILING FINISH: FLAT, TOILET ROOM:
11-1	GLIVLIVALTAINT	BENDAMIN MOOKE		CHANTILLI LACE 2121-70		ENAMEL PAINT
PT-2 PT-3	ACCENT PAINT	BENJAMIN MOORE	-	SEA HAZE 2137-50	-	WALL FINISH: EGGSHELL, DOOR & FRAME FINISH: SEMI-GLOSS WALL FINISH: EGGSHELL. SEE ELEVATION 3/A402 FOR FURTHER DETAIL
PT-4	NOT USED EXPOSED CEILING PAINT	BENJAMIN MOORE	-	DEEP ROYAL 2061-10	-	FINISH: MATTE; TO BE USED ON ALL EXPOSED STRUCTURE, ROOF DECK, DUCTWORK, CONDUIT, ETC. IN
DT. F	DOOR/FRAME_DOOR 110	DDC		FIELD DODDY 125 7		MAIN LOBBY AREA. REFER TO RCP FOR MORE INFORMATION.
PT-5 RP-1	DOOR/ FRAME - DOOR 118 RESIN PANEL	PPG 3-FORM	- VARIA ECORESIN	FIELD POPPY 125-7 SLANT - PURE	- 48" X 96"	FINISH: SEMI-GLOSS, SEE ELEVATION 2/A403 FOR LOCATION FLAME POLISH ALL EDGES. FLOOR AND CEILING MOUNTED, PROVIDE 3-FORM FRAMELSS SUSPENDED
						PARTITION HARDWARE 200.08
T-2	CERAMIC WALL TILE	DALTILE	COLOR WHEEL CLASSIC	ARTIC WHITE #0790	3" X 6"	FINISH: MATTE, SEE ELEVATIONS FOR INSTALLATION PATTERN, GROUT: BOSTIK TRUCOLOR-URETHANE WHITE H152, JOINT WIDTH: 1/8"
T-2A	CERAMIC WALL TILE - BULLNOSE	DALTILE	COLOR WHEEL CLASSIC S4369MOD	ARTIC WHITE #0790	3" X 6" BULLNOSE	FINISH: MATTE, SEE ELEVATIONS FOR INSTALLATION PATTERN, GROUT: BOSTIK TRUCOLOR-URETHANE
WC-1	CUSTOM WALLCOVERING	TECTONICS	"TYPO"	CUSTOM ORANGE	-	OWNER PROVIDED, CONTRACTOR INSTALLED, DRYWALL FINISH: LEVEL 5, USE TS-6 AT ALL EXPOSED EDGES
WC-2	CUSTOM WALLCOVERING	-	"ABSTRACT"	CUSTOM GRAY	-	OWNER PROVIDED, CONTRACTOR INSTALLED, DRYWALL FINISH: LEVEL 5
WC-3	FABRITRACK PANEL SYSTEM -WHISPERTONE	CARNEGIE	XOREL METEOR 6427	722	56"W	PROVIDE SCRIM AS NEEDED TO PREVENT TRANSPARENCY TO SUBSTRATE; REFER TO FINISH PLAN AND SHEET A501 FOR MORE DETAIL.
	TACKBOARD					
WC-4 WC-5	ACOUSTIC WALL PANELS - ATM ACOUSTIC WALL PANELS - ATM	CARNEGIE XOREL ARTFORM CARNEGIE XOREL ARTFORM	CIRCLE 3D CIRCLE 3D	METEOR 722 METEOR 2024	MEDIUM MEDIUM	REFER TO ELEVATION 3/A402 FOR FURTHER DETAIL REFER TO ELEVATION 3/A402 FOR FURTHER DETAIL
WC-6	ACOUSTIC WALL PANELS - ATM	CARNEGIE XOREL ARTFORM	CIRCLE 3D	SEMBLANCE 4	MEDIUM	REFER TO ELEVATION 3/A402 FOR FURTHER DETAIL
WD-1	WOOD PLANK	OHIO MADE OR EQUAL	PRE-FINISHED WHITE OAK PLANKS	FACTORY APPLIED SURFACE	5"W X 12" - 48"L	COMPOSITION: NATURAL WOOD VENEER LAMINATED ON 3-PLY RECYCLED MDF CORE, VENEER: CHARACTER GRADE, SLICED HARDWOOD, EDGE PROFILE: TONGUE AND GROOVE
				CURED URETHANE		CHARACTER GRADE, SEICED HARDWOOD, EDGE FROHEE. TONGOE AND GROOVE
FCP-1	FIBER CEMENT PANEL	NICHIHA	VINTAGE WOOD - INTEGRATED FINISH	REDWOOD	17-7/8 H x 71- 9/16 L	USE MANUFACTURER'S RECCOMENDED ACCESSORIES FOR INTERIOR WALL INSTALLATION. REFER TO ELEVATION 2/A402 FOR MORE DETAIL.
FCP-4	FIBER CEMENT PANEL	NICHIHA	KURASTONE SERIES STACKEDSTONE- INTEGRATED	MOUNTAIN	-	USE MANUFACTURER'S RECCOMENDED ACCESSORIES FOR INTERIOR WALL INSTALLATION. REFER TO
FRP-1	FIBER REINFORCED PANEL	CRANE COMPOSITES	FINISH GLASBOARD	WHITE 83	48"H ABOVE WALL BASE	ELEVATION 2/A402 FOR MORE DETAIL. PROVIDE COORDINATING MOLDING AND TRIM
PLY-1	FIRE TREATED PLYWOOD	-	-	-	3/4" THICK	INSTALL FLOOR TO CEILING, PAINT WITH (2) COATS OF FIRE RETARDANT PAINT, DO NOT PAINT OVER FIRE
						RETARDANT LABEL ON PLYWOOD, REFER TO ELECTRICAL DRAWINGS FOR MORE INFORMATION
CEILINGS						
ACT-1	ACOUSTIC CEILING TILE	ARMSTRONG	ULTIMA 1912	WHITE	24" X 24"	GRID: SUPRAFINE XL 9/16"
FCC-1	FIBER-CEMENT PANELN SYSTEM CEILING/SOFFIT	NICHIHA	VINTAGE WOOD - INTEGRATED FINISH	REDWOOD	17-7/8 H x 71- 9/16 L	USE MANUFACTURER'S RECCOMENDED ACCESSORIES FOR EXTERIOR CEILING, SOFFIT, AND INTERIOR WALL INSTALLATION. REFER TO ELEVATION RCP FOR MORE DETAIL.
CLD-1	ACCENT SUSPENDED CLOUD	ARMSTRONG	INFUSIONS SHAPES 7156	SENSITIVE SHADOW	48" X 48"	PROVIDE MANUFACTURER'S RECCOMENDED HANGING CABLES; REFER TO RCP FOR HANGING HEIGHTS.
CASEWORK						
PL-1	PLASTIC LAMINATE	WILSONART	-	NEW AGE OAK 7938-78	-	FINISH: FINEGRAIN 78
PL-2 PL-3	PLASTIC LAMINATE NOT USED	FORMICA	-	DOVER WHITE 7197-90	-	FINISH: GLOSS 90
PL-4	PLASTIC LAMINATE	NEVAMAR	JETT BLACK S6053T	-	-	FINISH: TEXTURED/ SUEDE
SS-1	SOLID SURFACE	ARISTECH	STUDIO COLLECTION	COTTONWOOD K-16600	1/2" THICK	-
WINDOW TREATMENTS						
WT-1	MANUAL ROLLER SHADE	DRAPER	FLEXSHADE SYSTEM	CLEAR ANODIZED	-	
TRANSITIONS						
TS-1	CARPET TO VCT	TARKETT	ADAPTOR	MEDIUM GRAY 28	-	GAUGE TO MATCH FLOORING THICKNESS, SEE DETAIL 1/ID100
TS-2	CARPET TO TILE	SCHLUTER	SCHIENE	ANODIZED ALUMINUM CHARCOAL 123	- CONTRACTOR TO SELECT RASER	GAUGE TO MATCH FLOORING THICHNESS, SEE DETAIL 2/ID100
TS-3	FLOORING TO SEALED CONCRETE	ROPPE		CHARCUAL 123	ON FLOORING THICKNESS	PROFILE: REDUCER, SEE DETAIL 3/ID100
TS-4	INTERIOR TO EXTERIOR	-	-	-	-	G.C. SHALL PROVIDE APPROPRIATE FLOORING TRANSITIONS AT EXTERIOR DOOR THERSHOLDS THAT COMPLY WITH ACCESSIBILITY CODES.
TS-5	J MOLDING TRIM	FRY REGLET	STYLE: JDM-50	BUFFED SATIN STAINLESS	-	-
TS-6	WALLCOVERING TRIM	FRY REGLET	WCTBT125-217	STEEL BUFFED SATIN STAINLESS		
15 0	VVALLEG V LIMING TIMIVI	TIXT IXEGEL		STEEL SATIN STAINLESS		

INTERIOR FINISH LEGEND

					WALL FI	INISHES				CASEWORK FIN	IISHES	
ROOM#	ROOM NAME	FLOOR FINISH	WALL BASE	NORTH	EAST	SOUTH	WEST	CEILING FINISH	BASE	UPPER	TOP & SPLASH	COMMENTS
100	VESTIBULE	CPT-3	RB-1	PT-1	PT-1	PT-1	FCP-1, FCP-4	WD-2	-	_	- -	
	ATM	CPT-3, CPT-4	RB-1	PT-1, PT-4, PT-2, WC-4, WC-5, WC-6	PT-1	PT-1	PT-1	WD-2	_	_		
	LOBBY	CPT-1	RB-1	PT-1, PT-2, WC-3	PT-1, WC-1	PT-1, PT-2, WC-3	PT-1	PT-4	-	-		
	CHAT LOUNGE	CPT-1, CPT-2	RB-1, WB-1	PT-1, PT-2, WC-3	PT-1	PT-1, PT-2, WC-3	PT-1, WD-1	PT-4	_	_		
104	WAITING	CPT-1	RB-1	PT-1, PT-2, WC-3	PT-1	PT-1, PT-2, WC-3	PT-1	PT-4	-	-		
105	GATHERING AREA	CPT-1	RB-1	PT-1, WT-1	PT-1	PT-1	PT-1	PT-4	-	-		
106	COLLABORATION	CPT-1	RB-2	PT-1	PT-1	PT-1, WT-1	WC-2	ACT-1	-	-		
107	CONFERENCE	CPT-1	RB-2	PT-1	WC-2	PT-1, WT-1	PT-1	ACT-1	-	-		
108	BREAKOUT ROOM	CPT-1	RB-1	PT-1	PT-1	PT-1, WT-1	PT-2	ACT-1	-	-		
109	FLEX	CPT-1	RB-2	PT-1	WC-2	PT-1	PT-1	ACT-1	-	-		
110	BREAK ROOM	VCT-1	RB-2	PT-2	PT-1	PT-1, WT-1	PT-2	ACT-1	PL-1	PL-1	SS-1 -	
111	OFFSTAGE	CPT-1	RB-2	PT-1	PT-2	PT-1	PT-1	ACT-1	-	-	SS-1 -	
112	ELEC / IT ROOM	SC-1	RB-2	PT-1, PLY-1	PT-1, PLY-1	PT-1, PLY-1	PT-1, PLY-1	-	-	-		
113	CORRIDOR	CPT-3	RB-2	PT-1	PT-1	PT-1	PT-1	ACT-1	-	-		
114	RESTROOM	T-1	TB-1	PT-1, T-2	T-2	PT-1	PT-1	ACT-1	-	PL-2		
115	RESTROOM	T-1	TB-1	PT-1, T-2	PT-1	PT-1	PT-1, T-2	ACT-1	-	PL-2		
116	JAN	VCT-1	RB-2	PT-1, FRP-1	PT-1	PT-1	PT-1, FRP-1	ACT-1	-	-		
117	HUB	CPT-1	RB-2	PT-1, WT-1	PT-1	PT-1	WC-2	ACT-1	-	-		
118	WORK ROOM	CPT-1	RB-2	PT-1	PT-1	PT-1	PT-1	ACT-1	PL-1	PL-1	SS-1 -	
119	STORAGE	VCT-1	RB-2	PT-1	PT-1	PT-1	PT-1	ACT-1	-	-	-	

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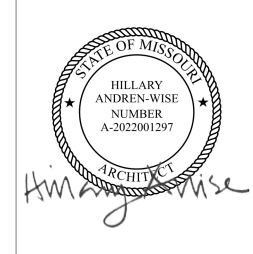


PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT WOODS XING

LEE'S SUMMIT, MO 64081



REVISIONS NO. DESCRIPTION

REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 524-0368-028

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02/15/2022

SHEET TITLE:

DATE ISSUED:

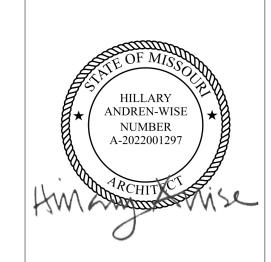
INTERIOR FINISH SCHEDULE & LEGEND

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

MO LICENSE NOS. 2003019618 * 2003019636

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	
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02/15/2022 DATE ISSUED: REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER:

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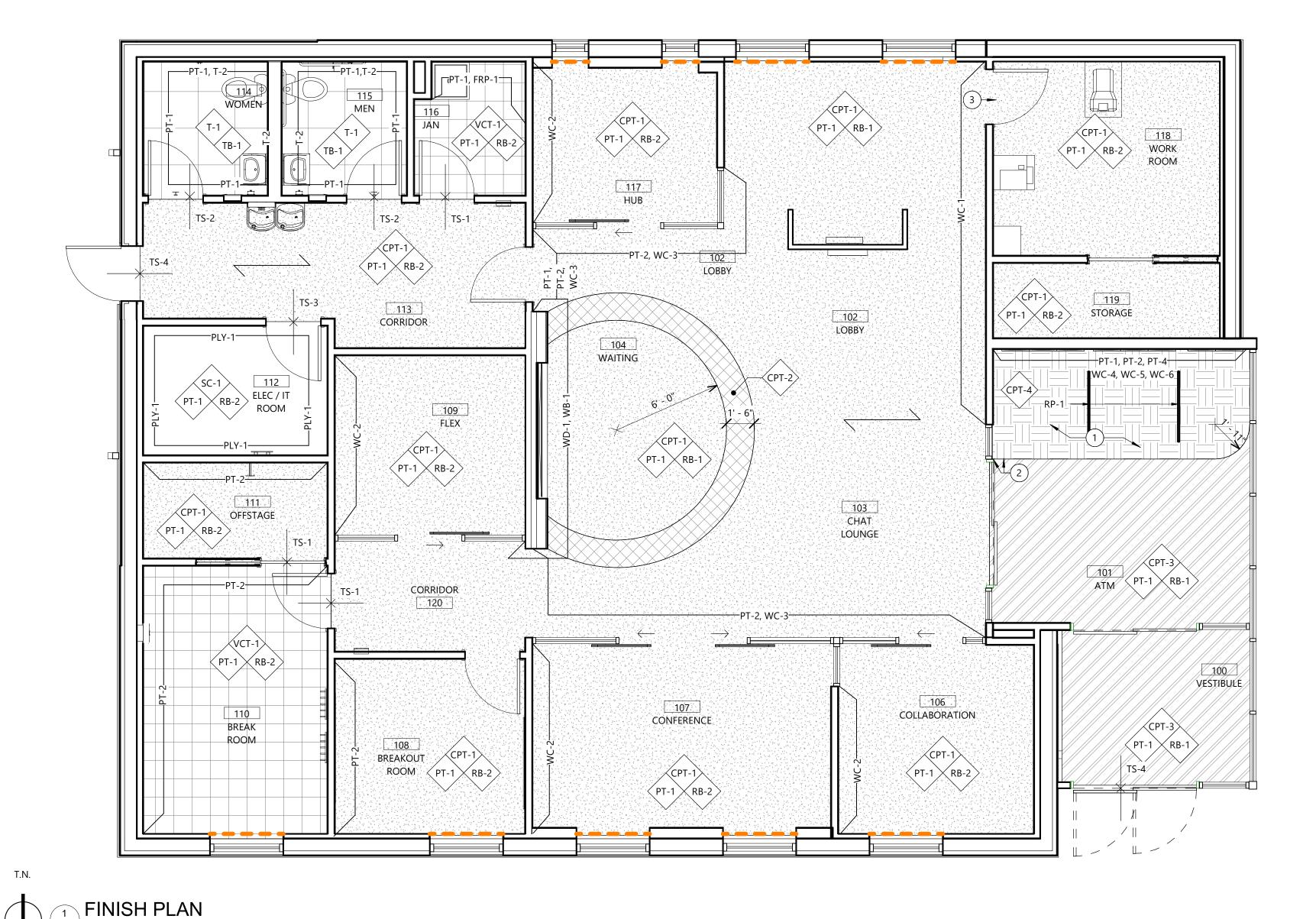
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SHEET TITLE:

INTERIOR FINISH PLAN

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS



GENERAL NOTES

- PROVISIONS OF CHAPTER 8 INTERIOR FINISHES SHALL GOVERN THE USE OF MATERIALS 11. AS INTERIOR FINISHES BY LIMITING THE ALLOWABLE FLAMESPREAD AND SMOKE DEVELOPMENT BASED ON THE LOCATION AND OCCUPANCY.
- MINIMUM INTERIOR FINISH CLASSIFICATION FOR OCCUPANCY TYPE & SPRINKLED EXITS = CLASS B, EXIT ACCESS = CLASS C, OTHER SPACES = CLASS C CARPET SHALL COMPLY WITH IBC 804.3 REFER TO PROJECT SPECIFICATIONS FOR
- GENERAL CONSTRUCTION REQUIREMENTS. ALL PAINTS, SEALANT, MASTICS, AND ADHESIVE SHALL BE LOW-VOC.
- ALL FINISHES SHALL BE BID AS SPECIFIED. ANY SUBSTITUTIONS MUST BE APPROVED BY THE ARCHITECT PRIOR TO SUBMISSION FOR PRICING.
- G.C. SHALL BE RESPONSIBLE FOR DELIVERY LEAD TIMES FOR ALL FINISHES. ALL DELIVERY 15. TIMES MUST BE CONFIRMED AND ANY FINISHES THAT HAVE EXCESSIVE LEAD TIMES, BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY. G.C. TO ALLOW FOR ANY ACCLIMATION TIME AS REQUIRED BY THE MANUFACTURER.
- ALL FINISHES SHALL BE INSPECTED UPON ARRIVAL TO THE JOB SITE FOR DEFECTS AND 18. DYE LOT CONSISTENCY. NOTIFY THE ARCHITECT OF ANY DEFECTS PRIOR TO INSTALLATION. THE ARCHITECT SHALL ALSO BE NOTIFIED IMMEDIATELY OF ANY
- INSTALLATION PROBLEMS. ALL FINISHES SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS. NONE OF THE FINISHES SHALL BE INSTALLED UNDER CONDITIONS WHICH WOULD JEOPARDIZE THE QUALITY OF WORK.
- TO DELAY THE INSTALLATION OF FLOORING FINISHES. THE COORDINATION OF TESTING, 22. INCLUDING TIME FOR INTERPRETATION OF RESULTS, SHALL BE INCLUDED IN THE

G.C.'S MOISTURE TESTING OF SLAB SHALL BE CONDUCTED IN A TIMELY MANNER AS NOT

PROJECT SCHEDULE.

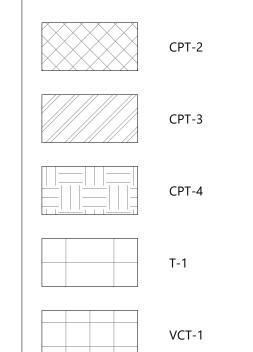
- ALL IMPERFECTIONS AND SLIGHT DEPRESSIONS IN THE FLOOR SURFACE SHALL BE SKIM 23. COATED.
- WALLS AND CEILINGS SHALL BE PROPERLY PREPARED, SPACKLED, SANDED, ETC. TO PROVIDE A SMOOTH FINISH AND SURFACE READY FOR PRIMER AND PAINT TO ACHIEVE 24. A LEVEL 4 FINISH, U.N.O. FINISHES OF THE SAME KIND SHALL ALIGN AND NAP, WEAVE, GRAIN, OR PATTERN
- SHALL RUN IN THE SAME DIRECTION, U.N.O. G.C. TO PROVIDE REDUCER STRIPS WHERE FLOORING FINISHES OF DIFFERENT MATERIALS OCCUR. REDUCER STRIP SHALL BE APPROPRIATE TO THE TRANSITION. REFER
- TO FLOORING TRANSITION DETAILS AND FINISH LEGEND. WHERE FLOORING FINISHES OF DIFFERENT THICKNESS MEET, FLOOR SHALL BE FILLED TO 27. ALL WALLS TO RECEIVE WALLCOVERING SHALL BE LEVEL 5 FINISH. A MAXIMUM SLOPE OF 1/4" PER 12'-0" TO ALLOW A SMOOTH TRANSITION. WHERE FLOORING FINISHES MEET AT DOORWAYS, TRANSITION OF FINISHES SHALL OCCUR DIRECTLY UNDER THE CENTER OF THE CLOSED DOOR LEAF, U.N.O.
- ALL TILE GROUT JOINTS TO BE 1/8" THICK, U.N.O. VERIFY EXPANSION JOINT LOCATIONS PRIOR TO TILE INSTALLATION. EXPANSION JOINT CAULK COLOR TO BE SELECTED FROM SHOP DRAWINGS FROM APPROVAL.
- ALL WALL PAINT TO BE EGGSHELL FINISH, U.N.O. ALL TRIM PAINT TO BE SEMI-GLOSS FINISH, U.N.O. ALL CEILING PAINT TO BE FLAT FINISH, U.N.O. REFER TO FINISH LEGEND AND SCHEDULE FOR PAINT COLORS. RESTROOM PAINT TO BE ENAMEL FINISH, U.N.O. ALL COVER PLATES, SWITCHES (TOGGLES, SLIDES, ETC.), RECEPTACLES, AND NETWORK
- CONNECTION FINISH COLOR SHALL BE WHITE. ALL FINISHES OF CEILING MOUNTED SPRINKLERS, SPEAKERS, ETC. SHALL SMALL MATCH ADJACENT CEILING COLOR.

WOOD SHELVES, TRIM, AND PAINTED DOORS SHALL BE RECEIVE SANDING, PRIMING, AND TWO FULL COATS OF SEMI-GLOSS PAINT. THE FINISHED SURFACE SHALL BE FREE OF BRUSH MARKS AND IMPRESSIONS OF WOOD GRAIN. G.C. TO EXAMINE ALL FINISHES AT THE COMPLETION OF WORK IN AN AREA AND

- PROCEED WITH TOUCH-UPS AS NECESSARY. REMOVE ALL PAINT OR STAIN SPILLED, SPLATTERED, OR SPLASHED ON ADJACENT
- ALL WORK WHICH IS JUDGED TO BE UNSATISFACTORY BY THE ARCHITECT SHALL BE REJECTED AND REPAIRED TO THE SATISFACTION OF THE OWNER, AT NO ADDITIONAL COST TO THE OWNER.

FINISH PLAN KEYED NOTES

- (1) SEE ELEVATION 3/A402 FOR EXTENT OF ATM FINISHES.
- (2) ALIGN FINISH TRANSITION WITH INTERIOR GLAZING MULLION
- (3) PAINT EXTERIOR SIDE OF DOOR 118 PT-6. SEE ELEVATION 2/A403 FOR FURTHER DETAIL.

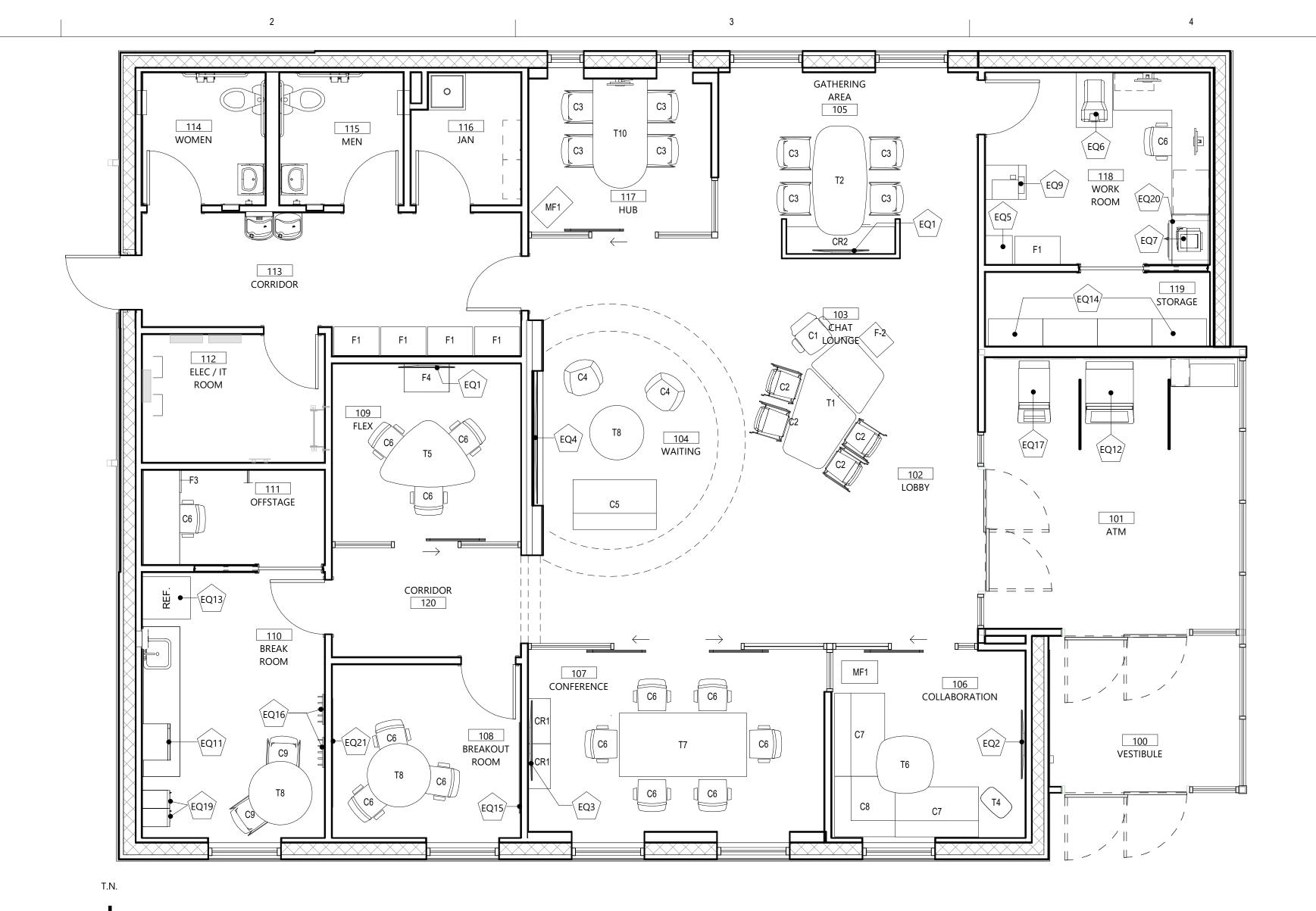


LEGEND

■ ■ ■ ■ WINDOW SHADE, SEE FINISH SCHEDULE FOR TYPE. — TRANSITION STRIP CARPET ORIENTATION

ALL SURFACES SHALL BE PREPARED APPROPRIATELY TO RECEIVE THE SPECIFIED FINISH. Copyright © 2020. This drawing is an instrument of service and property of RS&H, Inc. Any use or reproduction without the expressed written consent of this corporation is prohibited. All rights reserved.

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As Noted on Plans Review
Development Services Department Lee's Summit, Missouri
03/28/2022



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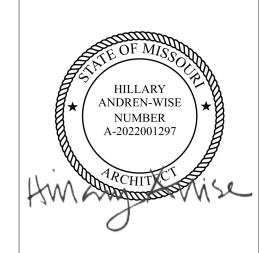
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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: LEE'S SUMMIT, MO WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



REV	ISIONS	
NO.	DESCRIPTION	DAT

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EQUIPMENT SCHEDULI	Ε
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		PRODUCT							
MARK	DESCRIPTION	MANUFACTURER	MODEL	SIZE (WxHxD)	FURNISHED BY	INSTALLED BY	COMMENTS		
					1	I			
EQ1	43" MONITOR	SAMSUNG	QM43R	-	OWNER	OWNER	ENERGY STAR COMPLIENT. MOUNTING HARDWARE PER VENDER SPECIFIFICATIONS		
EQ2	50" MONITOR	SAMSUNG	QM50R	-	OWNER	OWNER	ENERGY STAR COMPLIANT. MOUNTING HARDWARE AS PER VENDOR SPECIFICATIONS		
EQ3	55" MONITOR	SAMSUNG	QM55R	-	OWNER	OWNER	ENERGY STAR COMPLIANT. MOUNTING HARDWARE AS PER VENDOR SPECIFICATIONS		
EQ4	98" MONITOR	SAMSUNG	QM98N	86.39W X 49.21"H X 2.97"D	OWNER	OWNER	ENERGY STAR COMPLIANT. MOUNTING HARDWARE PER VENDER SPECIFIFICATIONS		
EQ5	SHRED TOTE	-	-	-	OWNER	OWNER	-		
EQ6	ICI MACHINE	-	-	-	OWNER	OWNER	-		
EQ7	MICRO PRINTER	-	-	-	OWNER	OWNER	-		
EQ9	MULTIFUNCTION DEVICE	-	-	-	OWNER	OWNER	-		
EQ11	MICROWAVE	WHIRLPOOL	WMC30516AW (WHITE)	21.75" X 13" X 17.25"	GC	GC	ENERGY STAR COMPLIENT. GC TO COORDINATE PURCHASING W/ PNC PM		
EQ12	FREE STANDING ATM	HYOSUNG	-	-	OWNER	OWNER	-		
EQ13	REFRIGERATOR (FULL HEIGHT)	WHIRLPOOL	WRT134TFDW (WHITE)	28" X 62.75" X 32.875"	OWNER	GC	ENERGY STAR COMPLIANT. G.C. TO COORDINATE PURCHASING W/ PNC PM		
EQ14	FREESTANDING HEAVY DUTY SHELVING	HALLOWELL	HI-TECH OPEN TYPE (GRAY)	36" X 87" X 18"	OWNER	OWNER	-		
EQ15	WHITEBOARD	CLARIDGE OR SIMILAR	-	4' X 6'	OWNER	OWNER	-		
EQ16	COAT HOOKS	UMBRA	FLIP 5 WALL MOUNTED HOOK	20" X 2.65" X 1.25"	GC	GC	-		
EQ17	FREE STANDING ATM	NCR	-	-	OWNER	OWNER	-		
EQ19	3-TIER STEEL LOCKERS	PENCO PRODUCTS, INC.	VANGUARD 3-TIER	12"W X 15"D X 72"H	OWNER	OWNER	3-TIER W/FLAT TOPS AND 6" LEGS. BUILT IN COBO LOCK & (1) CONTROL KEY		
EQ20	SAFE	-	-	-	OWNER	OWENR	-		
EQ21	CORKBOARD	CLARIDGE OR SIMILAR	-	3' X 5'	OWNER	OWNER	MOUNT CORKBOARD OFFSET ON WALL SO IT DOES NOT INTERFERE WITH DOOR WHEN IT IS AT 90 DEGREES		

FURNITURE SCHEDULE

KEY	MANF.	PRODUCT	FINISH		
C1	HAWORTH	FERN TASK CHAIR	HAWORTH, BRISA COLOR: ASH		
C2	HAWORTH	VERY CONFERENCE STOOL	SEAT & BACK: BIG DIAGONAL - AMBER; SHELL: SLATE; TRIM; BLACK; FRAME: GUNMETAL		
C3	HAWORTH	VERY WIRE STOOL	SEAT: BRISA COLOR: ASH, BACK: LUNA TEXTILES, LINEN COLOR: APRICOT, POLY SHELL: FOG, BASE: CHROME		
C4	HAWORTH	POPPY GUEST SEATING	BACK: ENGLISH TWEED COLOR: OXFORD, SEAT: WELLINGTON COLOR: XJ-ST STORM, BASE: CLEAR ON WHITE OAK	DATE I	001150
C5	HAWORTH	RIVERBEND LOUNGE SEATING - HIGH BACK 55W	BACK: DOTS COLOR: MIST, SEAT: BRISA COLOR: CAMBRIDGE, TRIM: ARGENT	DATE IS	SSUED: NED BY:
C6	HAWORTH	VERY TASK CHAIR	SEAT: BRISA COLOR: CAMBRIDGE , MESH BACK: FOG, TRIM: FOG, FRAME: METALLIC SILVER, BASE: METALLIC SILVER	DRAWN	
C 7	HAWORTH	RIVERBEND LOUNGE SEATING - MID BACK 55W	BACK: DOTS COLOR: MIST, SEAT: BRISA COLOR: CAMBRIDGE, TRIM: ARGENT		NED BY:
C8	HAWORTH	RIVERBEND LOUNGE SEATING - MID BACK CORNER	BACK: DOTS COLOR: MIST, SEAT: BRISA COLOR: CAMBRIDGE, TRIM: ARGENT	PROJE	CT NUMBE
C9	HAWORTH	VERY WIRE SIDE CHAIR	SEAT/BACK: FOG, LEGS: CHROME		524
CR1	HAWORTH	X SERIES 2H LATERAL FILE - 36"W x 19"D	TOP: NEW AGE OAK, BASE: GRAPHITE		© 202
CR2	HAWORTH	A SERIES CREDENZA & PATTERNS WORKWALL	TOP/BASE: NEW AGE OAK H-KC, WORKWALL COLOR: LINEN		SHE
F1	HAWORTH	X SERIES 4H, COMBO UNIT	TOP: NEW AGE OAK H-KC, BASE: GRAPHITE		
F3	HAWORTH	X SERIES FIXED PEDESTAL, BBF - 15"W x 24"D	J-PULL, TOP/BASE: LINEN		FFI
F4	HAWORTH	X-SERIES LATERAL FILE; 2H COMBO UNIT W/LAMINATE TOP	TOP: KONA BLEND; BASE: GRAPHITE		
MF1	HAWORTH	X SERIES - 15"W x 24"D	TOP: HBF TEXTILES; MODERN TWEED COLOR: LIPSTICK, BASE: GRAPHITE		
T1	HAWORTH	ASYMMETRICAL TABLE DESK SUITE	LOW TOP: NEW AGE OAK H-KC, HIGH TOP: CUSTOM ORANGE BACK PAINTED GLASS, BASE: GRAPHITE		
T2	HAWORTH	PATTERNS/A SERIES PEBBLE TABLE	TOP: NEW AGE OAK H-KC, BASE: GRAPHITE		
T4	HAWORTH	PIP TABLE	TOP: COM ACCENT ORANGE, BASE: GRAPHITE		
T5	HAWORTH	SUITE PEBBLE TABLE, "GUITAR PICK"- 44" x 63"	TOP: NEW AGE OAK CUT, BASE: GRAPHITE		SH
T6	HAWORTH	PLANES PEBBLE TABLE - 42" X 42"	TOP: NEW AGE OAK H-KC, BASE: GRAPHITE		
T7	HAWORTH	PLANES CONFERENCE TABLE - RECTANGULAR 42"W X 84"L	TOP: NEW AGE OAK H-KC, LEGS: METALLIC SILVER		ID
T8	HAWORTH	PLANES ROUND TABLE - 42"	TOP: NEW AGE OAK H-KC, BASE: GRAPHITE		
T10	HAWORTH	CONVERGENT WORKSURFACE PLANES TABLE BASE	TOP: NEW AGE OAK H-KC, BASE: GRAPHITE		

DESIGNED BY:
PROJECT NUMBER:

524-0368-028
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SHEET TITLE:

FFE PLAN

SHEET ID:

ID300

PROJECT STATUS:
PERMIT DOCUMENTS

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2

CONSTRUCTION

20 PSF ROOFS 3. SNOW LOADS (ASCE 7-16)

 $P_g = 20 PSF$ GROUND SNOW LOAD FLAT ROOF SNOW LOAD $P_f = 14 PSF$ SNOW EXPOSURE FACTOR $C_{\rm e} = 1.0$ SNOW LOAD IMPORTANCE FACTOR $I_s = 1.0$ $C_t = 1.0$ THERMAL FACTOR DRIFT SURCHARGE LOAD $P_{d} = 30.6 PSF$ WIDTH OF SNOW DRIFT w = 7'-5''

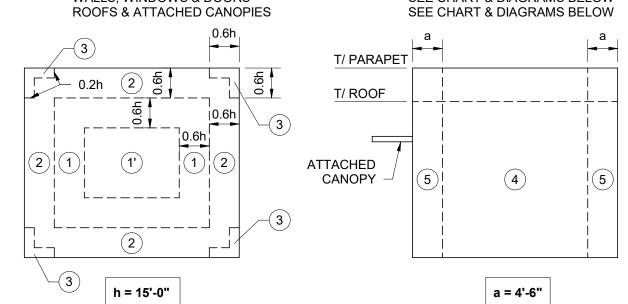
4. RAIN LOADS: INTENSITY 7.5 IN/HR (15 MINUTE - 100 YEAR) DESIGN RAIN LOAD 26 PSF

5. SEISMIC DESIGN DATA (ASCE 7-16): SEISMIC IMPORTANCE FACTOR $I_e = 1.00$ MAPPED SPECTRAL RESPONSE ACCELERATIONS $S_s = 0.099 \& S_1 = 0.068$ SITE CLASSIFICATION SPECTRAL RESPONSE COEFFICIENTS $S_{DS} = 0.106 \& S_{D1} = 0.109$ SEISMIC DESIGN CATEGORY ANALYSIS PROCEDURE

EQUIVALENT LATERAL FORCE PROCEDURE SEISMIC-FORCE-RESISTING SYSTEM ORDINARY REINFORCED MASONRY SHEAR WALLS RESPONSE MODIFICATION COEFFICIENT R = 2 $C_s = 0.053$ SEISMIC RESPONSE COEFFICIENT V = 13.8 KIPS

DESIGN BASE SHEAR 6. WIND DESIGN DATA (ASCE 7-16): ULTIMATE DESIGN WIND SPEED, Vult (3-SECOND GUST) 109 MPH NOMINAL DESIGN WIND SPEED, Vasd (3-SECOND GUST) 84 MPH BUILDING RISK CATEGORY WIND EXPOSURE INTERNAL PRESSURE COEFFICIENT +/- 0.18

COMPONENTS AND CLADDING: WALLS, WINDOWS & DOORS SEE CHART & DIAGRAMS BELOW ROOFS & ATTACHED CANOPIES SEE CHART & DIAGRAMS BELOW



ROOF PLAN WALL ELEVATION (GENERIC BUILDING SHOWN) (GENERIC BUILDING SHOWN)

			ROC)FS				
ZONE	EFFECTIVE WIND AREA (SF)							
	≤ 10	20	50	100	200	500	≥ 1000	
1')	-23.7	-23.7	-23.7	-23.7	-20.4	-16.0	-16.0	
1	-41.3	-38.7	-34.9	-32.3	-29.4	-25.9	-25.9	
2	-54.5	-51.0	-46.4	-42.9	-39.3	-34.7	-34.7	
3	-74.3	-67.2	-58.0	-51.0	-44.0	-34.7	-34.7	
ALL ZONES	16.0	16.0	16.0	16.0	16.0	16.0	16.0	
		WALLS	, WINDOV	VS AND E	OORS			
ZONE EFFECTIVE WIND AREA (SF)								
	≤ 10	20	50	100	200	≥ 500		
4	- 25.7	-24.7	-23.3	-22.2	-21.2	-19.8		
5	-31.6	-29.5	-26.7	-24.7	-22.5	-19.8		
ALL ZONES	23.7	22.7	21.4	20.2	19.2	17.8]	

201120	20.7	22.1	21.1	20.2	10.2	17.0
		AT	TACHED	CANOPIE	S	
LOCATION		EFFECTIVE WIND AREA (SF)				
		≤ 10	50	≥ 100		
UPPER SURFACE ONLY	JRFACE	-24.2	-20.8	-16.5		
	_Y	17.6	16.0	16.0		
LOWER SURFAC	URFACE	-17.6	-16.1	-16.0		
	_Y	17.6	16.0	16.0		
NET PRESSUI SIMULTANE UPPER & LO' SURFACE		-19.8	-17.3	-16.0		
		19.8	17.3	16.0		

- 1. EDGE ZONE (a) IS DISTANCE FROM CORNERS OF BUILDING AND IS SHOWN ON
- GENERIC BUILDING DIAGRAMS ABOVE. 2. POSITIVE AND NEGATIVE SIGNS SIGNIFY PRESSURES ACTING TOWARDS AND
- AWAY FROM THE BUILDING SURFACES, RESPECTIVELY. 3. FOR EFFECTIVE AREAS BETWEEN VALUES GIVEN, INTERPOLATION MAY BE
- USED. OTHERWISE USE THE LOWER EFFECTIVE AREA.
- 4. PRESSURES SHOWN ARE ULTIMATE PRESSURES. MULTIPLY BY 0.6 FOR NOMINAL PRESSURES.
- 5. CALCULATE NET UPLIFT PRESSURES USING ASCE 7 LOAD COMBINATIONS: 0.6D+0.6W (ASD) OR 0.9D+W (LRFD)

GENERAL:

- 1. THIS STRUCTURAL DOCUMENT. TOGETHER WITH THE CONCEPTS AND DESIGNS. AS AN INSTRUMENT OF SERVICE, ARE INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY RS&H, INC. (RS&H) SHALL BE WITHOUT LIABILITY TO RS&H.
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- 3. NOTES ON THIS AND THE FOLLOWING SHEETS ARE PART OF THE PROJECT REQUIREMENTS BUT ARE NOT INTENDED TO REPLACE THE PROJECT SPECIFICATIONS. IN CASE OF CONFLICTS BETWEEN THE REQUIREMENTS OF THE SPECIFICATIONS AND THESE SHEETS, THE MORE STRINGENT REQUIREMENT SHALL
- 4. ALL STRUCTURAL MEMBERS SHOWN HEREIN HAVE BEEN DESIGNED FOR THE FINAL DESIGN LOADS PROVIDED IN THIS DOCUMENT IN THE FINAL ERECTED CONDITION SHOWN HEREIN. THE CONTRACTOR IS RESPONSIBLE FOR CONDITIONS ENCOUNTERED DURING ERECTION AND HANDLING, AND NECESSARY TEMPORARY BRACING AND SHORING. SHORING AND BRACING SHALL BE DESIGNED TO PRECLUDE ANY STRUCTURAL ELEMENT FROM BEING OVERSTRESSED AT ANY POINT DURING CONSTRUCTION.
- 5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON JOB SITE WITH COMPLETE SET OF LATEST DRAWINGS. NOTES AND DIMENSIONS SHALL BE CHECKED AND VERIFIED WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE COMMENCING WORK SO THAT PROPER REMEDIAL WORK CAN BE EXECUTED.
- 6. CONTRACTOR SHALL REFER TO THE ENGINEER FOR INSTRUCTION FOR ANY DIMENSION NOT GIVEN ON OR OBTAINABLE FROM THE DRAWINGS. THE CONTRACTOR SHALL NOT USE SCALE TO OBTAIN OR VERIFY ANY DIMENSIONS SHOWN ON THESE DRAWINGS.
- 7. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR OPENINGS, SLEEVES, ETC. NOT SHOWN ON STRUCTURAL DRAWINGS. ALL STRUCTURAL OPENINGS AROUND OR AFFECTED BY ARCHITECTURAL, MECHANICAL ELECTRICAL AND PLUMBING EQUIPMENT SHALL BE VERIFIED WITH THE EQUIPMENT PURCHASED BEFORE PROCEEDING WITH STRUCTURAL WORK AFFECTED.
- 8. DETAILS AND CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS SHOWN FOR SIMILAR CONDITIONS AND MATERIAL.

FOUNDATIONS:

- 1. GEOTECHNICAL REPORT BY: COOK, FLATT & STROBEL ENGINEERS, P.A. REPORT NO.: 21-5937 **JANUARY 7, 2022**
- 2. ALLOWABLE BEARING PRESSURE = 2,500 PSF
- 3. MINIMUM FROST EMBEDMENT DEPTH = 36"
- 4. ACCORDING TO THE GEOTECHNICAL REPORT, IT IS ANTICIPATED THAT THE FOUNDATIONS WILL BEAR ON SHALE BEDROCK. HOWEVER, FAT CLAYS WERE ENCOUNTERED IN BORINGS TAKEN FROM OTHER LOCATIONS ON THE SITE. AS STATED IN THE REPORT. THE BUILDING SHALL HAVE UNIFORM BEARING MATERIAL SUPPORTING THE ENTIRETY OF THE FOUNDATION SYSTEM. IF OVER-EXCAVATION IS REQUIRED TO ACHIEVE UNIFORM BEARING, BACKFILL OF THE FOOTINGS SHOULD BE DONE WITH LEAN CONCRETE. REFERENCE THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- 5. SLAB-ON-GRADE SHALL BEAR ON MINIMUM 24" OF LOW VOLUME CHANGE MATERIAL. INCLUDING 4" LAYER OF OPEN GRADED STONE (ASTM C33 OR EQUIVALENT MATERIAL) BELOW SLAB-ON-GRADE. REFERENCE THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- 6. PREPARE SITE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
- 7. FILL MATERIAL SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT
- 8. COMPACT SOIL / FILL UNDER FOOTINGS AND SLABS TO A MINIMUM 95% MODIFIED PROCTOR DRY DENSITY ACCORDING TO ASTM D1557.
- 9. AN INDEPENDENT TESTING AGENCY SHALL INSPECT AND VERIFY COMPACTION OF ALL SUBGRADES AND FILL MATERIALS BEFORE FURTHER CONSTRUCTION WORK IS
- 10. IF FOOTINGS SHOWN OCCUR IN A DISTURBED, UNSTABLE OR UNSUITABLE SOIL CONTACT THE ENGINEER OF RECORD BEFORE PROCEEDING WITH WORK.

CAST-IN-PLACE CONCRETE:

- 1. ALL CONCRETE SHALL BE DESIGNED PER ACI 318-14.
- 2. ALL CONCRETE SHALL BE DESIGNED BY AN APPROVED LABORATORY, AND THE DESIGN MIX SHALL SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL PRIOR TO USE.

LOCATION	STRENGTH (fc) @ 28 DAYS
FOUNDATIONS	4,000 PSI
SLAB-ON-GRADE	4,000 PSI
TIE BEAMS	4,000 PSI
ALL OTHER CONCRETE	4,000 PSI

- 3. ALL CONCRETE SHALL BE NORMAL WEIGHT
- NO PIPES OR DUCTS SHALL BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATION OF SLEEVES, MOULDS, FLOOR HINGES, ETC. TO BE CAST INTO THE CONCRETE.
- EMBEDDED ITEMS THAT WILL SUPPORT STRUCTURAL STEEL CONSTRUCTION SHALL BE PLACED WITHIN THE TOLERANCES PRESCRIBED IN THE LATEST EDITION OF THE AISC "CODE OF STANDARD PRACTICE." FIELD VERIFY LOCATION OF EMBEDDED ITEMS PRIOR TO FABRICATION AND DELIVERY OF STRUCTURAL STEEL TO THE PROJECT SITE.
- 6. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4" UNLESS NOTED OTHERWISE

WINDWARD PARAPET LEEWARD PARAPET *SEE WIND DESIGN NOTE 2 FOR (-) OR (+) PRESSURE BASED ON ARROW **DIRECTION SHOWN**

PARAPET WIND APPLICATION DIAGRAM

REINFORCING STEEL:

TIE BEAMS

- 1. ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
- 2. WHERE WELDING IS REQUIRED, REINFORCING STEEL SHALL BE ASTM A706, GRADE 60, AND SHALL BE WELDED WITH E80 ELECTRODES.
- 3. ALL WELDED WIRE REINFORCING SHALL BE ASTM A1064.
- 4. SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE CLASS B TENSION LAP SPLICES, UNLESS NOTED OTHERWISE. REFER TO CONCRETE TENSION LAP SPLICE
- 5. MINIMUM LAP OF WELDED WIRE FABRIC REINFORCING SHALL BE ONE FULL MESH SIZE PLUS 2", OR A LAP OF 6", WHICHEVER IS GREATER.
- 6. CONCRETE REINFORCING SHALL HAVE THE FOLLOWING MINIMUM CLEAR COVER, **UNLESS NOTED OTHERWISE:**

FOOTINGS 3" BOTTOM & SIDES, 2" TOP SLAB-ON-GRADE 2" FROM TOP

7. DETAILING OF REINFORCING SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF THE ACI DETAILING MANUAL AND THE LATEST EDITION OF THE CRSI "MANUAL OF STANDARD PRACTICE."

1 1/2"

- 8. ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH THE CRSI "MANUAL OF STANDARD PRACTICE" DURING PLACING OF CONCRETE.
- 9. PROVIDE CORNER REINFORCING TO MATCH HORIZONTAL REINFORCING AT ALL CORNERS OF CONTINUOUS FOOTINGS, BOND BEAMS AND TIE BEAMS.
- 10. ALL HOOKS IN REINFORCING BARS SHALL BE ACI STANDARD 90-DEGREE HOOKS WITH EMBEDMENT INTO CONCRETE GREATER THAN OR EQUAL TO THE DEVELOPMENT LENGTH (Ldh) FOR STANDARD 90-DEGREE HOOKS, UNLESS NOTED OTHERWISE. REFER TO THE DEVELOPMENT LENGTH (Ldh) SCHEDULE.
- 11. DOWELS FROM FOUNDATIONS OR SLABS TO WALLS SHALL MATCH WALL REINFORCING, UNLESS NOTED OTHERWISE, DOWELS SHALL BE PLACED BEFORE CONCRETE IS POURED AND SHALL NOT BE PUSHED INTO THE CONCRETE

STEEL JOISTS:

- ALL DESIGN, FABRICATION AND ERECTION OF STEEL JOISTS AND BRIDGING SHALL BE IN STRICT ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS OF THE STEEL JOIST INSTITUTE (SJI):
 - SJI-100-15 44TH EDITION STANDARD SPECIFICATION LOAD TABLES AND WEIGHT TABLES FOR STEEL JOISTS AND JOIST GIRDERS K-SERIES, LH-SERIES, DHL-SERIES, JOIST GIRDERS.
- 2. DESIGN STEEL ROOF JOISTS FOR NET UPLIFT FORCES PER WIND DESIGN DATA. A DEAD LOAD OF 10 PSF SHALL BE USED IN THE APPROPRIATE LOAD COMBINATION TO CALCULATE NET UPLIFT PRESSURES.
- 3. PROVIDE SPECIAL SLOPED SEATS IF INDICATED ON DRAWINGS OR AS REQUIRED FOR SLOPED JOIST APPLICATIONS.
- 4. PROVIDE HORIZONTAL TOP AND BOTTOM CHORD BRIDGING AND X-BRIDGING PER STEEL JOIST INSTITUTE SPECIFICATIONS.
- 5. PROVIDE UPLIFT BRIDGING AS REQUIRED TO MEET STEEL JOIST INSTITUTE SPECIFICATIONS.

STEEL DECK:

1. R1 ROOF DECK SHALL BE 1 1/2". 22 GAGE. WIDE RIB TYPE "B" GALVANIZED STEEL ROOF DECK WITH THE MINIMUM DECK PROPERTIES AS FOLLOWS:

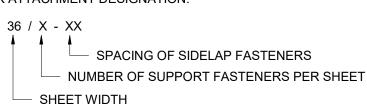
> t = 0.0295 in $I_p = 0.155 \text{ in}^4$ $I_n = 0.183 \text{ in}^4$ $S_n = 0.186 \text{ in}^3$

 $S_n = 0.192 \text{ in}^3$

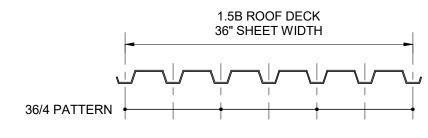
2. INSTALLATION OF FASTENERS SHALL BE PER MANUFACTURER'S STANDARD

INSTALLATION INSTRUCTIONS. PROVIDE THE FOLLOWING: AT SUPPORTS (≤ 3/8" THICK): HILTI X-HSN 24 AT SUPPORTS (> 1/4" THICK): HILTI X-ENP-19 L15 AT SIDELAPS: HILTI SLC 01 HWH

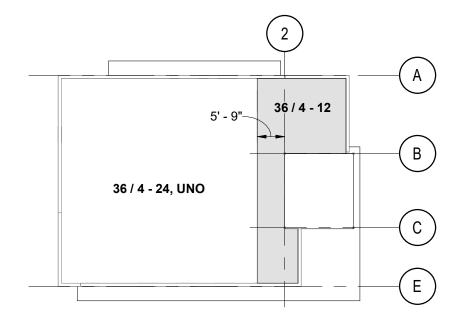
3. DECK ATTACHMENT DESIGNATION:



- 4. SEE ATTACHMENT DIAGRAM BELOW.
- 5. FASTEN DECK AT ALL EDGE SUPPORTS AT 6" OC.
- 6. ALL DECK SHALL BE ERECTED AS THREE SPAN CONTINUOUS, UNLESS NOTED OTHERWISE



TYPICAL FASTENER PATTERN



ROOF DECK ATTACHMENT DIAGRAM

SCALE: NTS

STRUCTURAL STEEL:

1. STRUCTURAL STEEL SHALL BE DESIGNED PER AISC 360-16. MATERIALS SHALL BE AS FOLLOWS: WIDE FLANGED SHAPES ASTM A992, Fy = 50 KSI

2. ALL BOLTS SHALL BE 3/4"Ø ASTM A325N AND SHALL BE SNUG TIGHTENED, UNLESS

3. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE 36, UNLESS NOTED OTHERWISE.

- HSS SHAPES (RECT) ASTM A500 GRADE C, Fy = 50 KSI ALL OTHER STEEL ASTM A36, Fy = 36 KSI
- NOTED OTHERWISE.
- 4. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS AND SHALL CONFORM TO ANSI/AWS D1.1.
- 5. MINIMUM SIZE OF ALL FILLET WELDS SHALL CONFORM TO TABLE J2.4 OF AISC SPECIFICATIONS EVEN IF SHOWN OTHERWISE ON ARCHITECTURAL, MECHANICAL, OR STRUCTURAL DRAWINGS.
- 6. STRUCTURAL STEEL NOT ENCASED IN CONCRETE OR MASONRY SHALL BE SHOP

PAINTED AS SPECIFIED. ANY ABRASIONS SHALL BE TOUCHED UP AFTER ERECTION.

- 7. STRUCTURAL STEEL EXPOSED TO WEATHER IN FINISHED STRUCTURE, OR WHERE NOTED ON PLANS, SHALL BE HOT DIP GALVANIZED PER ASTM A123.
- 8. FABRICATOR SHALL SUBMIT SHOP DRAWINGS TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO START OF FABRICATION. FABRICATION SHALL CONFORM TO AISC SPECIFICATIONS.
- 9. STRUCTURAL GROUT FOR STEEL COLUMNS SHALL BE A NON-SHRINK, NON-EXPANSIVE, NON-METALLIC GROUT WITH A 28 DAY COMPRESSIVE STRENGTH OF 5,000 PSI WHEN TESTED IN ACCORDANCE WITH ASTM C109.

MASONRY:

- 1. ALL MASONRY SHALL BE DESIGNED PER TMS 402.
- 2. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 WITH A NET AREA COMPRESSIVE STRENGTH AS FOLLOWS: 1900 PSI FOR TYPE M OR S
- 3. MORTAR SHALL CONFORM TO ASTM C270 TYPE S OR M. USE TYPE M BELOW GRADE WHEN MASONRY IS IN CONTACT WITH SOIL.
- 4. GROUT SHALL CONFORM TO ASTM C476 WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. GROUT ALL CELLS WITH REINFORCING OR EMBEDDED ANCHORS.
- 5. MINIMUM COMPRESSIVE STRENGTH OF THE MASONRY (fm) SHALL BE 2,000 PSI UNLESS NOTED OTHERWISE.
- 6. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM SPECIFICATION A615 GRADE.
- 7. HORIZONTAL JOINT REINFORCING SHALL BE 9 GAGE GALVANIZED LADDER TYPE.
- SPACE JOINT REINFORCING AT A MAXIMUM 16" ON-CENTER VERTICAL.
- 9. FILL ALL CAVITIES AND CELLS IN MASONRY BELOW FINISHED FLOOR WITH GROUT.

BOND OF BLOCK SHALL BE RUNNING BOND UNLESS NOTED OTHERWISE.

10. WALLS SHALL BE PROPERLY BRACED AGAINST LATERAL LOADS UNTIL THE ROOF DIAPHRAGM OR OTHER LATERAL SUPPORT SYSTEM HAS BEEN INSTALLED.

OTHERWISE. COORDINATE LOCATIONS WITH ARCHITECTURAL FINISH JOINTS.

- 11. PROVIDE MASONRY CONTROL JOINTS AT 25'-0" OC MAX UNLESS NOTED
- 12. COORDINATE OPENING LOCATIONS WITH ARCHITECTURAL AND SUBMIT SHOP DRAWINGS WITH LOCATIONS AND DIMENSIONS TO ENGINEER FOR REVIEW.

COLD-FORMED STEEL FRAMING

- 1. ALL COLD FORMED STEEL FRAMING SHALL BE DESIGNED PER AISI S100-16 "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS, 2016."
- 2. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE COLD-FORMED STEEL FRAMING SYSTEM INCLUDING SIZE, GAUGE, STRENGTH, SPACING OF MEMBERS, ANCHORAGE TO STRUCTURE, CONNECTIONS, ANGLES, CLIPS, BRACING, STRAPPING, BRIDGING, SUPPLEMENTARY FRAMING, FRAMING AT OPENINGS AND AT EXPANSION JOINTS.
- 3. SUBMITTALS SHALL CLEARLY IDENTIFY ALL APPLICABLE CODES. LIST THE DESIGN CRITERIA AND SHOW ALL DETAILS AND DRAWINGS NECESSARY FOR PROPER FABRICATION AND INSTALLATION.
- 4. SHOP DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MISSOURI WHO SHALL BE THE DELEGATED ENGINEER.
- 5. THE FRAMING SYSTEM SHALL BE DESIGNED TO RESIST ALL APPLIED LOADINGS INCLUDING GRAVITY LOADS, CONSTRUCTION LOADS, WIND LOADS (HORIZONTAL AND VERTICAL) AND ALL OTHER LOADS AS REQUIRED BY THE APPLICABLE BUILDING CODES.
- 6. THE FRAMING SYSTEM SHALL ACCOUNT FOR MOVEMENT OF THE STRUCTURE AND OTHER COMPONENTS, INCLUDING, BUT NOT LIMITED TO, DEFLECTION OF THE PRIMARY STRUCTURE, CONSTRUCTION TOLERANCES AND MAINTAINING REQUIRED CLEARANCE AT OPENINGS.

DELEGATED DESIGN SUBMITTALS:

- 1. DELEGATED DESIGN SUBMITTALS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE ARCHITECT/ENGINEER AND SHALL BE REVIEWED PRIOR TO INSTALLATION.
- 2. DELEGATED DESIGN SUBMITTALS ARE AS FOLLOWS:
- A. COLD-FORMED STEEL FRAMING
- 3. ALL DELEGATED DESIGN SUBMITTALS SHALL BE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MISSOURI

RS&H, Inc. **4582 S ULSTER STREET SUITE 1100, DENVER, CO 80237**

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MO LICENSE NOS. 2003019618 * 2003019636

PROJECT TITLE:

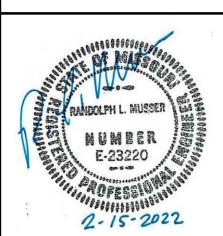
PNC MO LEE'S SUMMIT GROUND **UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO

NEW PRYOR RD. & NW SUMMIT

WOODS XING

LEE'S SUMMIT, MO 64081



REVISIONS DESCRIPTION

DATE ISSUED: 02/15/2022 **REVIEWED BY:** DFW / RM DRAWN BY: **DESIGNED BY:**

SHEET TITLE: **GENERAL**

STRUCTURAL NOTES

524-0368-028

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PROJECT NUMBER:

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

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VANDOLPH L. MUSSER

E-23220

2-15-2022

02/15/2022

DFW / RM

REVISIONS

DATE ISSUED:

REVIEWED BY:

DESIGNED BY:

PROJECT NUMBER:

524-0368-028

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SHEET TITLE:

ABBREVIATIONS,

SCHEDULES AND

PERSPECTIVE VIEW

DRAWN BY:

NO. DESCRIPTION

AND

ABBREVIATIONS

ANCHOR BOLT JOIST JOINT ABV ABOVE ADDL ADDITIONAL KNEE BRACE ADJ ADJACENT KNOCK OUT AFF KO ABOVE FINISHED FLOOR AHU AIR HANDLING UNIT ALT LB, # POUND ALTERNATE LONG ARCHITECT, URAL

LIVE LOAD BACK TO BACK LONG LEG BACK-TO-BACK LONG LEG HORIZONTAL LLH **BOTTOM OF BOTTOM CHORD** LLV LONG LEG VERTICAL BLDG LNTL BUILDING LOC LOCATION BLK BLOCK LOW POINT BLW **BELOW** LONG SLOTTED HOLES BM BEAM BOD BOTTOM OF DECK LIGHT LAMINATED VENEER LUMBER LVL BOTT BASE PLATE LONG WAY

LIGHTWEIGHT BRDG BRIDGING BRG BEARING MATL MATERIAL BTWN BETWEEN MAX MAXIMUM MC MOMENT CONNECTION C/C CENTER TO CENTER MASONRY CONTROL JOINT CRACK CONTROL JOINT MCJ CCJ

CFS MECH **MECHANICAL** COLD-FORMED STEEL MEZZ CIP MEZZANINE CAST-IN-PLACE MFR MANUFACTURER CJ CONSTRUCTION JOINT MINIMUM CL CENTER LINE MISCELLANEOUS MISC CLR CLEAR MTL METAL

CMU CONCRETE MASONRY UNIT(S) COL COLUMN NUMBER CONC CONCRETE **NEAR SIDE** CONNECTION NOT TO SCALE CONST CONSTRUCTION CONTINUOUS CONT O/O OUT TO OUT COORD COORDINATE, TION OC ON CENTER CTRD CENTERED OD OUTSIDE DIAMETER OPNG **OPENING** DEFORMED BAR ANCHOR

OPP OPPOSITE DBL DOUBLE OPP HND DET DETAIL OPPOSITE HAND DIA DIAMETER POWDER ACTUATED DIAG DIAGONAL FASTENER(S) DIM DIMENSION PRE-ENGINEERED METAL DL DEAD LOAD

DN DOWN PERPENDICULAR DT DOUBLE TEE PLATE DWG(S) DRAWING(S) PLUMB PLUMBING DWL DOWEL PLYWD PLYWOOD PROJECTION EACH PARALLEL STRAND LUMBER EACH END EACH FACE **EXPANSION JOINT** RD **ROOF DRAIN**

BUILDING

UNLESS NOTED OTHERWISE

ELEVATION REFERENCE ELEC ELECTRICAL REINF REINFORCE, MENT, ING **EMBED EMBEDMENT** REM REMAINDER ENG **ENGINEER** REQ'D REQUIRED EOD EDGE OF DECK RET RETURN EOR ENGINEER OF RECORD REV REVISION EOS EDGE OF SLAB RTN RETURN EP EMBEDDED PLATE RTU **ROOF TOP UNIT** EQ **EQUAL** EQUIP **EQUIPMENT** SCH SCHEDULE **EQUIVALENT** SECT SECTION ES EACH SIDE SHT SHEET **EACH WAY** EW SIMILAR EXIST **EXISTING** SOG SLAB ON GRADE EXP **EXPANSION** SPA SPACE, ED, ING

EXT **EXTERIOR** SPEC SPECIFICATION(S) SQ SQUARE **FOOTING MARK** SSL SHORT SLOTTED HOLES FACE OF SS STAINLESS STEEL FLOOR DRAIN STD STANDARD FINISHED FLOOR STIFF STIFFENERS FLG **FLANGE** STL STEEL FLR FLOOR STRL STRUCTURAL FDN FOUNDATION SHORT WAY / SHEAR WALL FS FAR SIDE SOUTHERN YELLOW PINE FOOT, FEET FT FTG FOOTING TOP OF FV FIELD VERIFY

TOP AND BOTTOM TIE BEAM GAGE THK THICK, NESS GALV GALVANIZED **TRANS** TRANSVERSE GB **GRADE BEAM** TUBE STEEL, THICKENED SLAB GC GENERAL CONTRACTOR GLB

GLU-LAM BEAM TYP TYPICAL GRADE GRATING

HOOK VERT VERTICAL HND HAND HORIZONTAL WD WOOD HIGH POINT HSA

HEADED STUD ANCHOR WITH OUT W/O HOLLOW STRUCTURAL STEEL WIDE FLANGE, WALL FOOTING HEIGHT **WORKING POINT**

INSIDE DIAMETER WEIGHT, TEE WELDED WIRE FABRIC INTERIOR INTERM INTERMEDIATE

CONCRETE TENSION LAP SPLICE SCHEDULE TOP OTHER TOP OTHER TOP OTHER 28" 22" 37" 29" 32" 25" 29" 47" 40" 31" 37" 56" 43" 48" 43" 81" 63" 70" 54" 63"

80" 62"

91" 70"

101" | 103" | 87" | 101" | 71"

72"

81"

91"

NOTES:
1. TABULATED VALUES ARE BASED ON THE FOLLOWING: - NORMAL WEIGHT CONCRETE

118" 91" 102" 79"

72"

81"

93"

105"

131"

#10

#11

- UNCOATED, GRADE 60 REINFORCING - CLEAR COVER NOT LESS THAN 1.0 x BAR DIAMETER - CLEAR SPACING NOT LESS THAN 2.0 x BAR DIAMETER

- CLASS B TENSION LAP SPLICE 2. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.

DEVELOPMENT LENGTH (L _{dh}) SCHEDULE FOR ACI STD 90° HOOKS					
BAR SIZE	3000 PSI	4000 PSI	5000 PSI		
#3	8"	7"	6"		
#4	11"	10"	9"		
#5	14"	12"	11"		
#6	16"	14"	13"		
#7	19"	17"	15"		
#8	22"	19"	17"		
#9	25"	21"	19"		
#10	28"	24"	22"		

NOTES:

1. TABULATED VALUES ARE BASED ON THE

31"

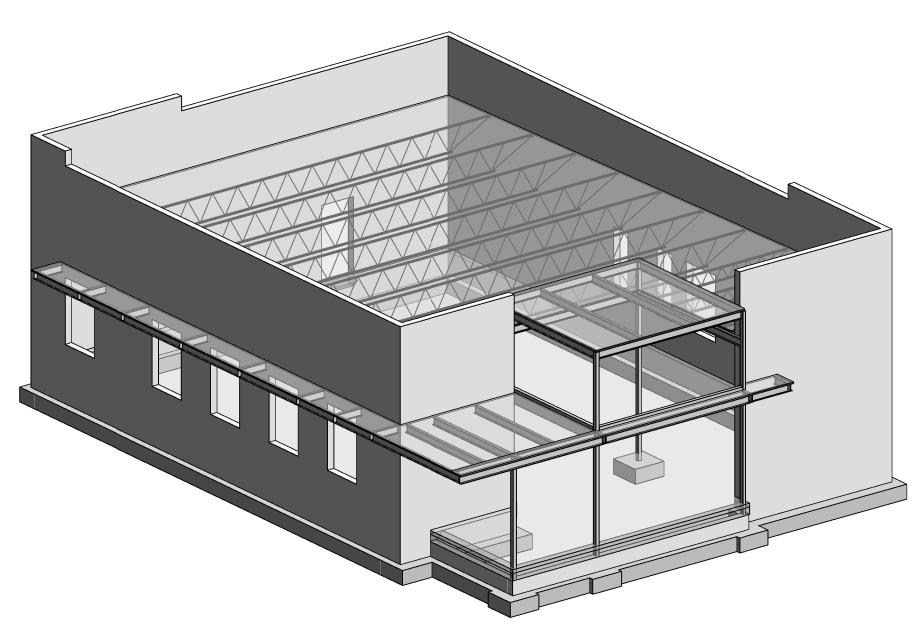
#11

FOLLOWING: - NORMAL WEIGHT CONCRETE - UNCOATED, GRADE 60 REINFORCING - ACI STANDARD 90° HOOK BEND AND EXTENSIONS ARE PROVIDED

27"

24"

MASONRY LAP SPLICE SCHEDULE			
BAR SIZE	LAP SPLICE		
#3	27"		
#4	36"		



STRUCTURAL PERSPECTIVE VIEW

NOTES:

1. PERSPECTIVE VIEW IS PROVIDED FOR REFERENCE ONLY. NOT ALL STRUCTURAL MEMBERS ARE SHOWN. THIS VIEW SHOULD NOT BE USED FOR BIDDING, DETAILING, FABRICATION, OR ERECTION.

45" 54" #6

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

GR

GRTG

HSS

INT

SPECIAL INSPECTION FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360. IN CASE OF CONFLICTS BETWEEN THE REQUIREMENTS OF AISC 360 AND THE TABLE BELOW, THE MORE STRINGENT REQUIREMENT SHALL

TASK	OBSERVE	PERFO
INSPECTION TASKS PRIOR TO WELDING:		ı
WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	X	
WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE		Х
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE		x
MATERIAL IDENTIFICATION (TYPE/GRADE)	Х	
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)		
 JOINT PREPARATIONS DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) CLEANLINESS (CONDITION OF STEEL SURFACES) TACKING (TACK WELD QUALITY AND LOCATION) BACKING TYPE AND FIT (IF APPLICABLE) 	x	
FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT		
BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES)	x	
TACKING (TACK WELD QUALITY AND LOCATION)		
CONFIGURATION AND FINISH OF ACCESS HOLES	Х	
FIT-UP OF FILLET WELDS DIMENSIONS (ALIGNMENT, GAPS AT ROOT) CLEANLINESS (CONDITION OF STEEL SURFACES) TACKING (TACK WELD QUALITY AND LOCATION)	x	
INSPECTION TASKS DURING WELDING:		T
CONTROL AND HANDLING OF WELDING CONSUMABLES PACKAGING EXPOSURE CONTROL	X	
NO WELDING OVER CRACKED TACK WELDS	Х	
ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS	X	
PRECIPITATION AND TEMPERATURE	^	
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT		
TRAVEL SPEEDSELECTED WELDING MATERIALS	x	
SHIELDING GAS TYPE/FLOW RATEPREHEAT APPLIED	^	
 INTERPASS TEMPERATURE MAINTAINED (MIN/MAX) PROPER POSITION (F, V, H, OH) 		
WELDING TECHNIQUES		
 INTERPASS AND FINAL CLEANING EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS 	X	
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS		X
INSPECTION TASKS AFTER WELDING:		1
WELDS CLEANED	Х	
SIZE, LENGTH AND LOCATION OF WELDS		Х
WELDS MEET VISUAL ACCEPTANCE CRITERIA CRACK PROHIBITION		
 WELD/BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES 		X
WELD FIXOURES WELD SIZE UNDERCUT		
• POROSITY		
ARC STRIKES		Х
K-AREA		Х
WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES		x
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)		Х
REPAIR ACTIVITIES		х
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR		х
MEMBER		
NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	X	
INSPECTION TASKS PRIOR TO BOLTING:		
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS		х
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	X	
CORRECT FASTENERS SELECTED FOR THE JOIN DETAIL (GRADE, TYPE,		
BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	X	
CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	Х	
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	х	
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	х	
PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	x	
INSPECTION TASKS DURING BOLTING: EASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND		
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	X	
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	x	
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED	~	
FROM ROTATING	X	
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC	X	
SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	^	

STRUCTURAL STEEL (CONTINUED)

INSPECT PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. VERIFY DIAMETER, GRADE, TYPE AND LENGTH OF THE ANCHOR ROD OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE CONCRETE, SHALL BE VERIFIED AND DOCUMENTED PRIOR TO PLACEMENT OF CONCRETE		x
INSPECT FABRICATED STEEL OR ERECTED STEEL FRAME, AS APPLICABLE, TO VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS	x	
ACCEPTANCE OR REJECTION OF JOINT DETAILS AND THE CORRECT APPLICATION OF JOINT DETAILS SHALL BE DOCUMENTED		

COLD-FORMED STEEL FLOOR AND ROOF DECK

SPECIAL INSPECTION FOR COLD-FORMED STEEL FLOOR AND ROOF DECK SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF SDI QA/QC. IN CASE OF CONFLICTS BETWEEN THE REQUIREMENTS OF SDI QA/QC AND THE TABLE BELOW, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

TASK	OBSERVE	PERFO
INSPECTION TASKS PRIOR TO DECK PLACEMENT:	I	ı
VERIFY COMPLIANCE OF MATERIALS (DECK AND DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS		x
DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES		x
INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMENT:		
VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS		х
VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS		x
DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES		x
INSPECTION OR EXECUTION TASKS PRIOR TO WELDING:		
WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	X	
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	х	
MATERIAL IDENTIFICATION (TYPE/GRADE)	X	
CHECK WELDING EQUIPMENT	X	
INSPECTION OR EXECUTION TASKS DURING WELDING:		
USE OF QUALIFIED WELDERS	X	
CONTROL AND HANDLING OF WELDING CONSUMABLES	х	
ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE)	х	
WPS FOLLOWED	x	
INSPECTION OR EXECUTION TASKS AFTER WELDING:		
VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS		х
WELDS MEET VISUAL ACCEPTANCE CRITERIA		х
VERIFY REPAIR ACTIVITIES		Х
DOCUMENT ACCEPTANCE OR REJECTION OF WELDS		х
INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING:		
MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	x	
PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION	X	
PROPER STORAGE FOR MECHANICAL FASTENERS	X	
INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING:		
FASTENERS ARE POSITIONED AS REQUIRED	x	
FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	x	
INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING:		
CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS		х
CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS		х
CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS		Х
VERIFY REPAIR ACTIVITIES		х

STATEMENT OF SPECIAL INSPECTION:

- THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR THE INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE WORK BEING DONE IS ON THE PREMISES OF A FABRICATOR THAT IS REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. APPROVED FABRICATORS MUST SUBMIT A CERTIFICATE OF COMPLIANCE FOR OFFSITE FABRICATIONS SUCH AS STRUCTURAL STEEL, PRECAST CONCRETE, GLUED LAMINATED TIMBER, ETC.
- . ALL INSPECTIONS SHALL BE PERFORMED BY INDEPENDENT SPECIAL INSPECTORS. JOB SITE VISITS BY THE STRUCTURAL ENGINEER OR BUILDING OFFICIAL DO NOT CONSTITUTE AND ARE NOT A SUBSTITUTE FOR INSPECTIONS BY A SPECIAL INSPECTOR.
- 4. ALL INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND ENGINEER OF RECORD. THE FINAL REPORT BY THE SPECIAL INSPECTOR(S) MUST CERTIFY THAT THE ENTIRE STRUCTURAL
- 5. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT THESE INSPECTIONS ARE PERFORMED.

SYSTEM COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS.

- 6. WORK REQUIRING SPECIAL INSPECTION SHALL BE INSPECTED BY THE SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS PERFORMED AND AT THE COMPLETION OF THE WORK.
- 7. INSPECTION TASKS ARE AS FOLLOWS:
- PERIODIC OR OBSERVE:

THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. FREQUENCY OF OBSERVATIONS SHALL BE ADEQUATE TO CONFIRM THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE DOCUMENTS. IN THE EVENT THAT OBSERVATIONS DETERMINE THAT THE MATERIALS AND/OR WORKMANSHIP ARE NOT IN CONFORMANCE WITH THE APPLICABLE DOCUMENTS, ADDITIONAL INSPECTIONS SHALL BE PERFORMED TO DETERMINE THE EXTENT OF NON-CONFORMANCE.

CONTINUOUS OR PERFORM: THESE TASKS SHALL BE PERFORMED PRIOR TO FINAL ACCEPTANCE FOR EACH ITEM OR ELEMENT.

8. THE FOLLOWING SPECIAL INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS BY THE BUILDING OFFICIAL. THIS SCHEDULE IS NOT INTENDED TO BE ALL INCLUSIVE.

OPEN-WEB STEEL JOISTS AND JOIST GIRDERS

TYPE	PERIODIC	CONTINUOUS
INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS:		
END CONNECTIONS - WELDING OR BOLTED	х	
BRIDGING - HORIZONTAL OR DIAGONAL	х	
STANDARD BRIDGING	х	
BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN IBC SECTION 2207.1	х	

CONCRETE CONSTRUCTION

TYPE	PERIODIC	CONTIN
INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	х	
REINFORCING BAR WELDING:		
VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	х	
INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	х	
INSPECT ALL OTHER WELDS		х
INSPECT ANCHORS CAST IN CONCRETE	х	
INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:		
ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS		x
MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED ABOVE	x	
VERIFY USE OF REQUIRED DESIGN MIX	х	
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE		х
INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES		х
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	х	
INSPECT PRESTRESSED CONCRETE FOR:		
APPLICATION OF PRESTRESSING FORCES		х
GROUTING OF BONDED PRESTRESSING TENDONS		х
INSPECT ERECTION OF PRECAST CONCRETE MEMBERS	х	
VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS	х	
INSPECT FORMWORK SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER FORMED	х	

TYPE	PERIODIC	CONTINUOUS
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	х	
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	x	
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	х	
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL		х
PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	х	

CONCRETE MASONRY (LEVEL 2)

SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM REQUIREMENTS OF TMS 402 AND TMS 602. IN CASE OF CONFLICTS BETWEEN THE REQUIREMENTS OF TMS 402 AND 602 AND THE TABLE BELOW, THE MORE STRINGENT REQUIREMENT SHALL APPLY.

PERIODIC CONTINUOUS

TYPE

SUBMITTALS PRIOR TO CONSTRUCTION VERIENCE A FIGURE TO SUPERIT WHERE		
PRIOR TO CONSTRUCTION, VERIFY f_m and f_{AAC} , EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE	X	
DURING CONSTRUCTION, VERIFY SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE	x	
AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:		
PROPORTIONS OF SITE-PREPARED MORTAR	X	
GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	X	
GRADE, TYPE & SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES	X	
PRESTRESSING TECHNIQUE		
PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY	X ^(a)	2
SAMPLE PANEL CONSTRUCTION	X	
PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:		
GROUT SPACE	X	
PLACEMENT PRESTRESSING TENDONS AND ANCHORAGES	Х	
PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	X	
PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS	X	
VERIFY DURING CONSTRUCTION:		
MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	Х	
PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	X	
SIZE AND LOCATION OF STRUCTURAL ELEMENTS	X	
TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	x	
WELDING OF REINFORCEMENT		
PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F)	X	
APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE		
PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE		
PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THINBED MORTAR JOINTS	X (a)	2
OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	Х	

AFTER FIRST 5,000 SF

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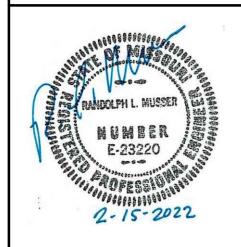
www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636



PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND **UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



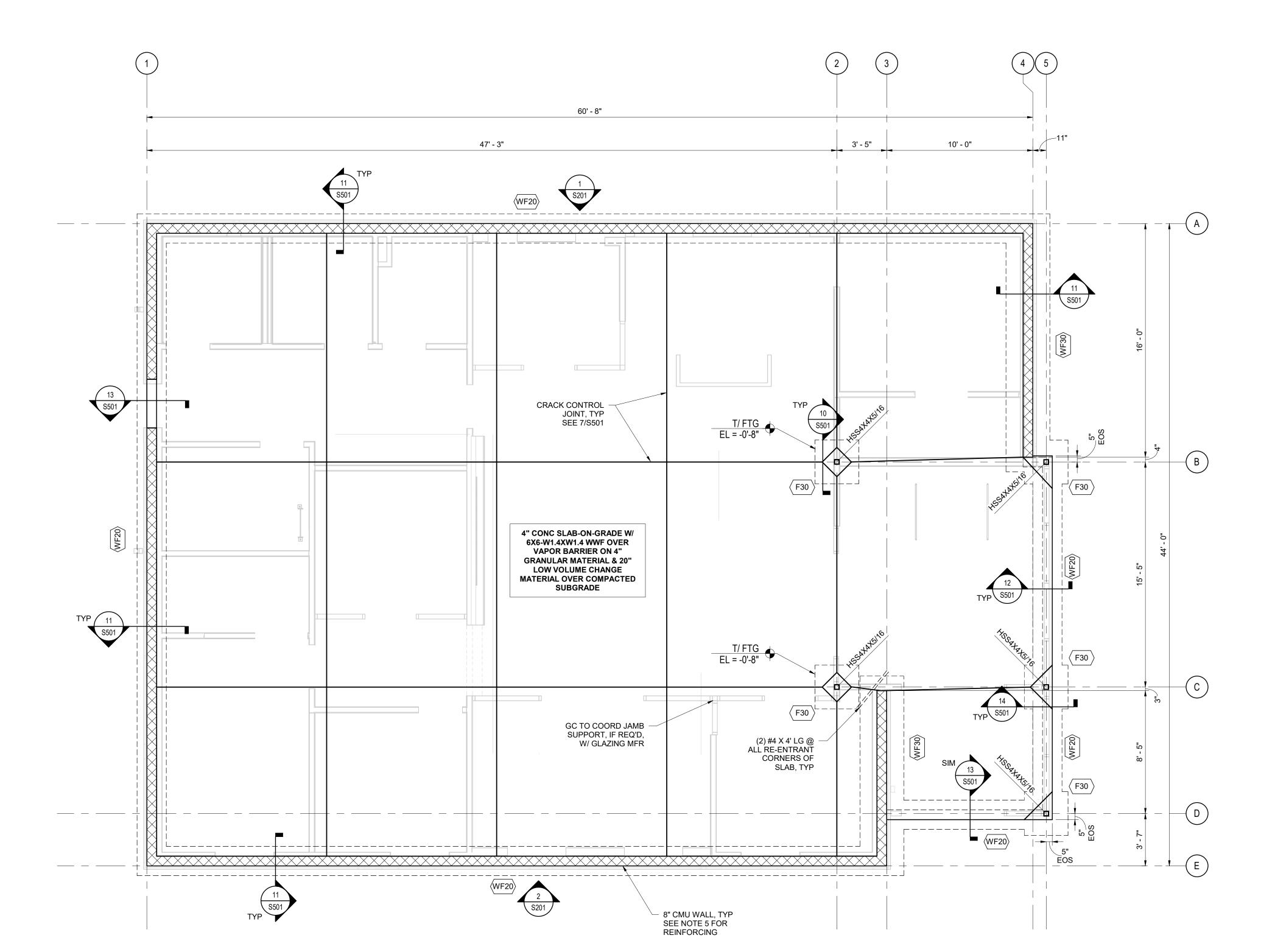
02/15/20

DATE ISSUED:	02/15/20
REVIEWED BY:	DFW / F
DRAWN BY:	МС
DESIGNED BY:	МС
PROJECT NUMBER:	
524-0368-028	
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SHEET TITLE: STATEMENT OF

SPECIAL INSPECTIONS

SHEET ID:



FOUNDATION AND SLAB PLAN

ELEVATION 992.00' EQUALS DATUM ELEVATION 0'-0". VERIFY WITH CIVIL.
 T/SLAB ELEVATION = 0'-0", UNLESS NOTED OTHERWISE.
 T/FTG ELEVATION = -2'-4", UNLESS NOTED OTHERWISE.

4. EOS DENOTES EDGE OF SLAB. 5. CMU WALLS SHALL BE REINFORCED WITH #5 VERTICAL BARS AT 40" OC,

UNLESS NOTED OTHERWISE. 6. SEE SHEET S501 FOR TYPICAL CMU DETAILS.

7. SEE 7/S501 FOR TYPICAL SLAB JOINT DETAILS. 8. COORDINATE SLAB JOINTS WITH FLOOR FINISH JOINT LOCATIONS. 9. CONTRACTOR TO VERIFY ALL DIMENSIONS AND OPENING LOCATIONS

WITH ARCHITECTURAL DRAWINGS. 10. CONTRACTOR TO COORDINATE FLOOR DRAIN LOCATIONS WITH ARCHITECTURAL AND PLUMBING DRAWINGS.

FOOTING SCHEDULE					
TYPE	WIDTH X LENGTH	DEPTH	REINFORCING	REMARKS	
WF20	2'-0" X CONT	1'-4"	(3) #5 CONT W/ #5 @ 12" OC TRANS, TOP & BOTTOM	HOOK TRANS BOTTOM BARS, EA END	
WF30	3'-0" X CONT	1'-4"	(4) #5 CONT W/ #5 @ 12" OC TRANS, TOP & BOTTOM	HOOK TRANS BOTTOM BARS, EA END	
(F30)	3'-0" X 3'-0"	1'-4"	(4) #5 EA WAY, BOTTOM	HOOK BARS EA END	

NOTES:

1. EXTEND CONTINUOUS WALL FOOTINGS MINIMUM 1' BEYOND END OF WALL, UNO.

2. PROVIDE CORNER BARS AT FOOTING INTERSECTIONS TO MATCH SIZE AND QUANTITY OF CONTINUOUS REINFORCING.

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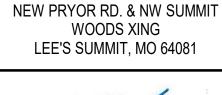
www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636



PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND **UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO





	REVISIONS		
REVIS			
NO.	NO. DESCRIPTION		
		*	

DATE ISSUED: 02/15/2022 DFW / RM REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER:

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SHEET TITLE:

FOUNDATION AND SLAB PLAN

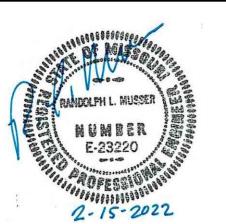
SHEET ID:



PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND **UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO NEW PRYOR RD. & NW SUMMIT **WOODS XING**



LEE'S SUMMIT, MO 64081

REVISIONS			
NO.	DESCRIPTION	DATE	

DATE ISSUED: REVIEWED BY: DFW / RM DRAWN BY: DESIGNED BY: PROJECT NUMBER:

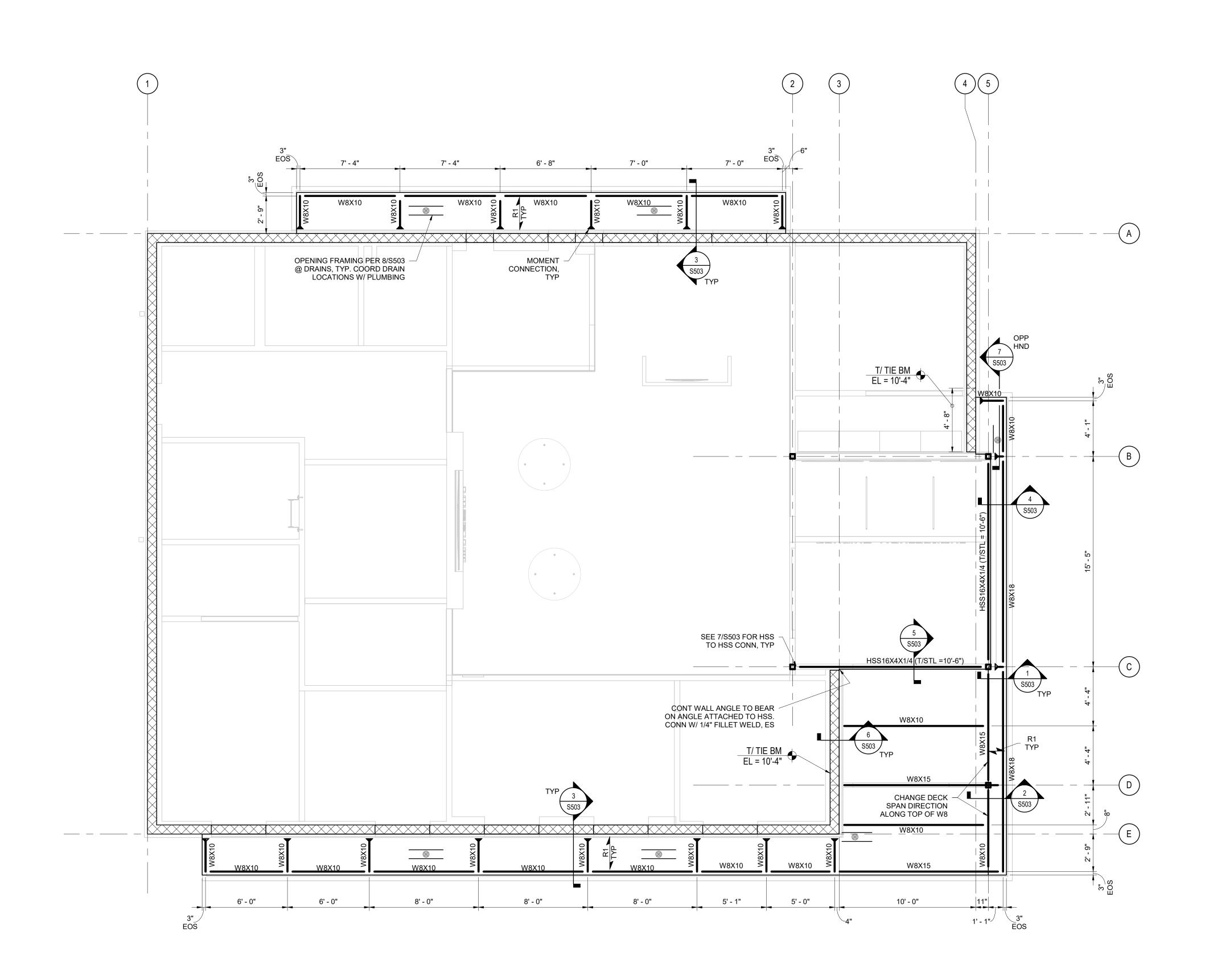
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SHEET TITLE:

CANOPY FRAMING PLAN

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS



CANOPY FRAMING PLAN

- NOTES

 1. T/ STEEL ELEVATION = 10'-1", UNLESS NOTED OTHERWISE.

 2. ALL STEEL BEAM CONNECTIONS SHALL BE PER 1/S502, UNLESS
- NOTED OTHERWISE. 3. "R1" DENOTES ROOF DECK TYPE WITH SPAN DIRECTION SHOWN
- ON PLAN. SEE NOTES ON S001 FOR DECK INFORMATION.
- 4. "EOS" DENOTES BACK SIDE OF CONTINUOUS STEEL ANGLE SUPPORTING EDGE OF DECK.
- DENOTES MOMENT CONNECTION.

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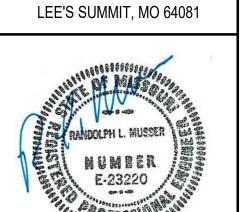
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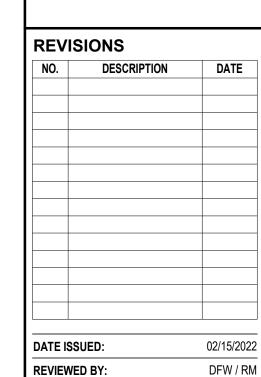
PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO NEW PRYOR RD. & NW SUMMIT WOODS XING



2-15-2022



REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 524-0368-028

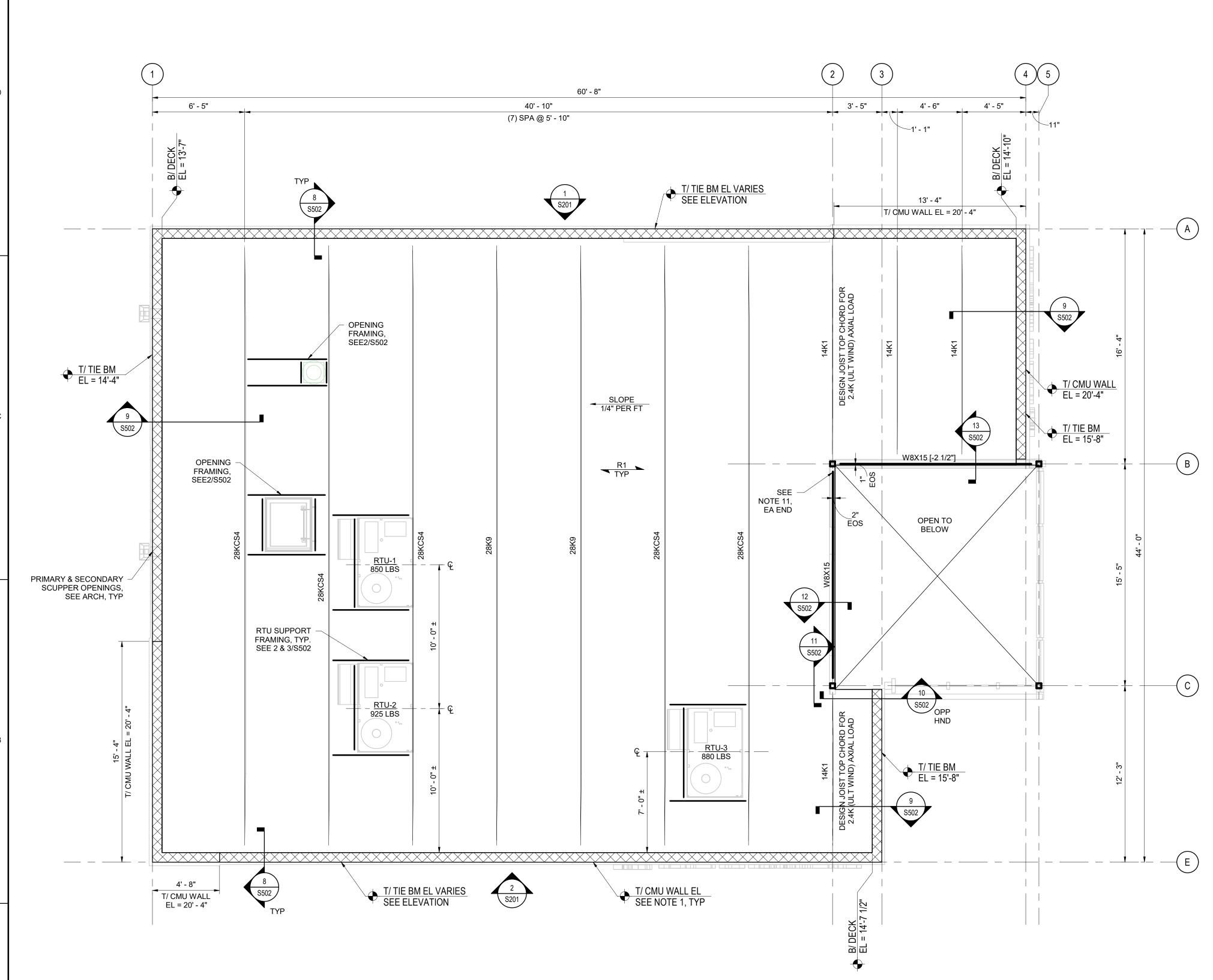
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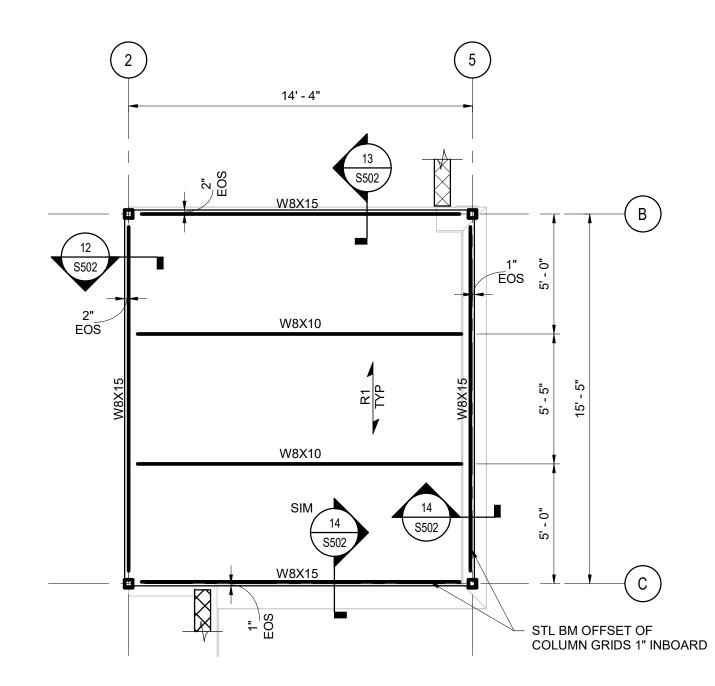
SHEET TITLE:

ROOF FRAMING PLAN

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS





ENTRY HIGH ROOF FRAMING PLAN

- NOTES
 1. T/ STEEL ELEVATION = 17'-3".
 2. ALL STEEL BEAM CONNECTIONS SHALL BE PER 1/S502, UNLESS NOTED OTHERWISE.
- 3. "R1" DENOTES ROOF DECK TYPE WITH SPAN DIRECTION SHOWN ON PLAN. SEE NOTES ON S001 FOR DECK INFORMATION.
- 4. "EOS" DENOTES BACK SIDE OF CONTINUOUS STEEL ANGLE
- SUPPORTING EDGE OF DECK.

ROOF FRAMING PLAN

- NOTES

 1. T/ CMU WALL ELEVATION = 19'-0", UNLESS NOTED OTHERWISE. 2. T/ TIE BEAM ELEVATION VARIES. SEE PLAN. PROVIDE CONTINUOUS TIE
- BEAM AROUND PERIMETER. SEE SECTIONS ON S502.
- 3. B/ DECK ELEVATION VARIES. SEE PLAN.
- 4. T/ JOIST ELEVATION = B/ DECK. SEE PLAN
- 5. T/ STEEL ELEVATION = B/ DECK, UNLESS NOTED OTHERWISE. SEE PLAN. 6. [-X"] INDICATES X" OFFSET BELOW B/ DECK ELEVATION.
- 7. ALL STEEL BEAM CONNECTIONS SHALL BE PER 1/S502, UNLESS NOTED OTHERWISE.
- 8. "R1" DENOTES ROOF DECK TYPE WITH SPAN DIRECTION SHOWN ON
- PLAN. SEE NOTES ON S001 FOR DECK INFORMATION.
 9. "EOS" DENOTES BACK SIDE OF CONTINUOUS STEEL ANGLE
- SUPPORTING EDGE OF DECK. 10. GC TO COORDINATE FINAL LOCATION OF ALL ROOFTOP OPENINGS AND
- EQUIPMENT WITH MECH/ARCH AND SUBCONTRACTORS.
- 11. WHERE NOTED ON PLAN, PROVIDE ALL STANDARD HOLES IN BEAM TO COLUMN CONNECTION - NO SHORT SLOTTED HOLES PERMITTED.

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expressed written consent of this corporation is prohibited. All rights reserved.

60' - 8" 47' - 4" 13' - 4" RS&H, Inc. 4582 S ULSTER STREET + T/ WALL HIGH 20' - 4" **SUITE 1100, DENVER, CO 80237** 303-409-9700 FAX 303-409-9701 www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636 3' - 4" 2' - 8" 24' - 0" 22' - 8" WALL OPENING, TYP 14' - 0" CONC TIE BM. SEE SECTIONS ON S502 & S503 FOR REINFORCING PROJECT TITLE: PNC MO LEE'S SUMMIT GROUND **UP BRANCH** PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO + T/ FTG -2' - 4" NEW PRYOR RD. & NW SUMMIT **WOODS XING** 4' - 0" 2' - 0" 2' - 0" 4' - 0" 2' - 0" LEE'S SUMMIT, MO 64081 15' - 4" 4' - 0" WALL ELEVATION - GRID A SCALE: 1/4" = 1'-0" NOTES:

1. VERIFY OPENING LOCATIONS & DIMENSIONS WITH ARCHITECTURAL.

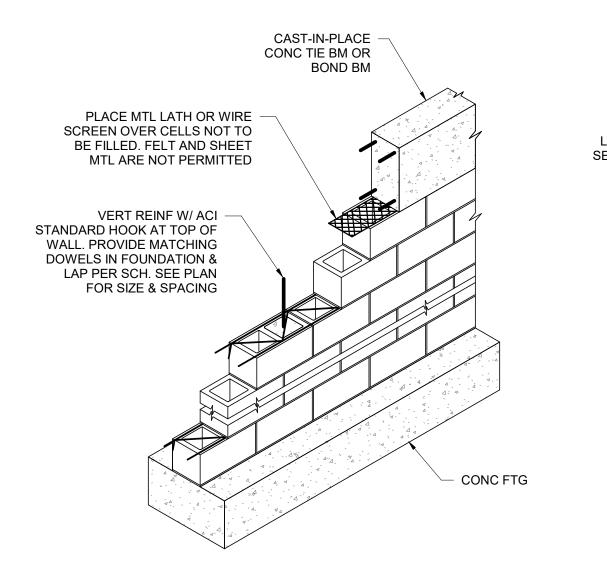
2. CANOPIES NOT SHOWN FOR CLARITY. SEE S102 AND DETAILS ON S503. 2-15-2022 50' - 8" REVISIONS NO. DESCRIPTION 22' - 8" 20' - 0" CONC TIE BM. SEE SECTIONS ON — S502 & S503 FOR REINFORCING WALL OPENING, TYP DATE ISSUED: 02/15/2022 DFW / RM REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 524-0368-028 © 2022 RS&H, INC. TIE BM -TIE, TYP TIE BEAM HORIZ BAR, TYP SHEET TITLE: WALL ELEVATIONS 4' - 0" 4' - 0" 8' - 0" 4' - 0" 2' - 0" SHEET ID: WALL ELEVATION - GRID E TIE BM STEP DETAIL SCALE: 1/4" = 1'-0" NOTES:

1. VERIFY OPENING LOCATIONS & DIMENSIONS
WITH ARCHITECTURAL.

2. CANOPIES NOT SHOWN FOR CLARITY. SEE S102
AND DETAILS ON S503. **PROJECT STATUS:** PERMIT DOCUMENTS Copyright © 2020. This drawing is an instrument of service and property of RS&H, Inc. Any use or reproduction without the

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



TYP CMU WALL CONSTRUCTION

BREAK —

CONSTRUCTION JOINT

NOTES:

1. CCJ SHALL BE PRE-FORMED OR SAWED. IF SAWED, SAWING MUST TAKE

CONSTRUCTION IS STOPPED OR WHERE CALLED FOR ON PLAN.

2. USE CONSTRUCTION JOINT INSTEAD OF CRACK CONTROL JOINT WHEREVER

TYP CONC SLAB-ON-GRADE JOINTS

BOND

PLACE WITHIN 12 HRS OF SLAB PLACEMENT.

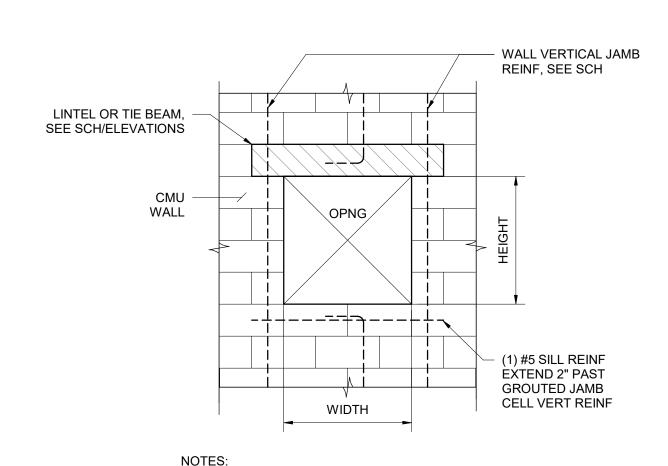
CRACK CONTROL JOINT

1/2" PREMOULDED

EXPANSION JOINT

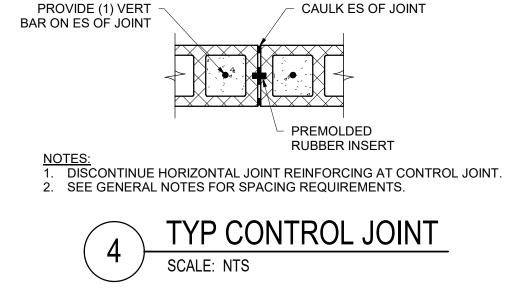
MATERIAL

EXPANSION JOINT AT WALL



NOTES:

1. DETAILS ARE TYPICAL AT ALL WINDOW OPENINGS, DUCT PENETRATIONS & UTILITY CHASES, UNLESS NOTED OTHERWISE. 2. COORDINATE OPENING LOCATIONS WITH ARCH.

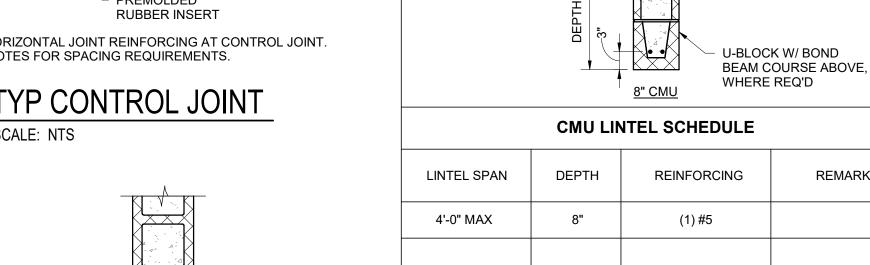


(1) VERT BAR IN -

EA CORNER

GROUT FILLED CELLS

FULL HEIGHT, TYP (3)



REMARKS

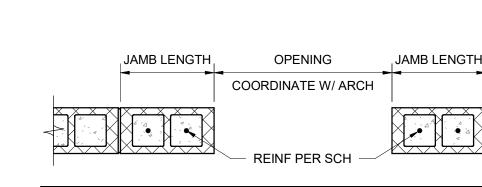
FULLY GROUTED

NOTES:
1. PROVIDE 8" BEARING EACH SIDE OF OPENING, UNLESS NOTED OTHERWISE. 2. ALL LINTELS SHALL BEAR ON GROUTED SOLID CMU.

3. VERIFY OPENING LOCATIONS WITH ARCHITECTURE. 4. VERTICAL JAMB REINFORCEMENT EXTENDS THROUGH CMU LINTELS AT BEARING ENDS.

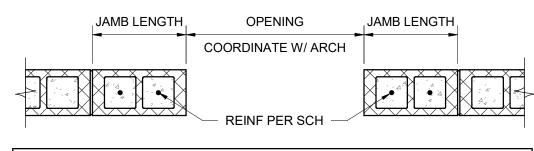
5. ALL REINFORCEMENT SHALL EXTEND A MINIMUM OF 8" OVER SUPPORTS AT EACH END.

TYP CMU LINTEL SCHEDULE



JAMB SCHEDULE			
OPENING SIZE	JAMB LENGTH	# BARS PER CELL	
UP TO 4'-0"	8"	(1) #5	

CMU JAMB SCHEDULE



PNC MO LEE'S SUMMIT GROUND **UP BRANCH**

PROJECT TITLE:

RS&H, Inc.

4582 S ULSTER STREET

SUITE 1100, DENVER, CO 80237

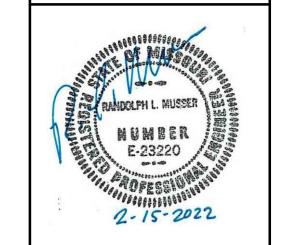
303-409-9700 FAX 303-409-9701

www.rsandh.com

MO LICENSE NOS. 2003019618 * 2003019636

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO NEW PRYOR RD. & NW SUMMIT WOODS XING

LEE'S SUMMIT, MO 64081



REVIS	IONS	
NO.	DESCRIPTION	DATE
DATE ISSU	ED:	02/15/202
REVIEWED	BY:	DFW / RN
DRAWN BY	/:	MCN

DATE 1000ED.	02/10/202
REVIEWED BY:	DFW / R
DRAWN BY:	МС
DESIGNED BY:	МС
PROJECT NUMBER:	
524-0368-028	
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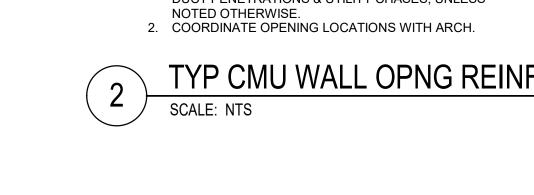
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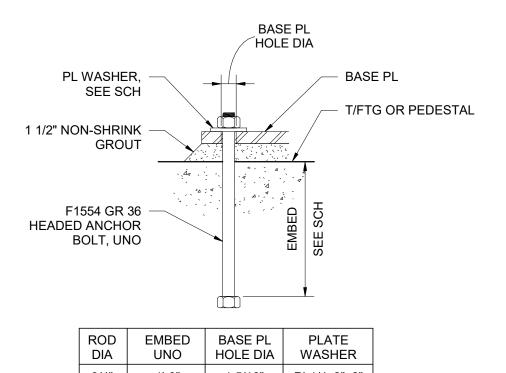
FOUNDATION

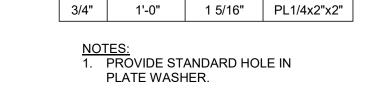
SECTIONS AND **DETAILS**

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

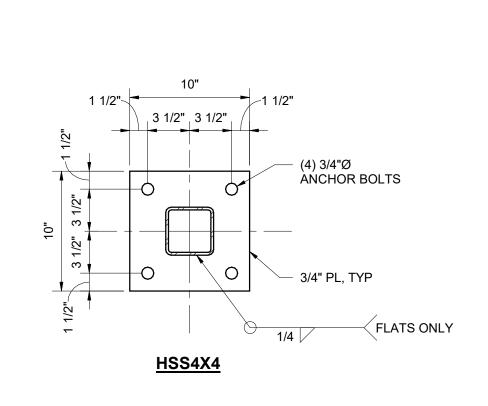






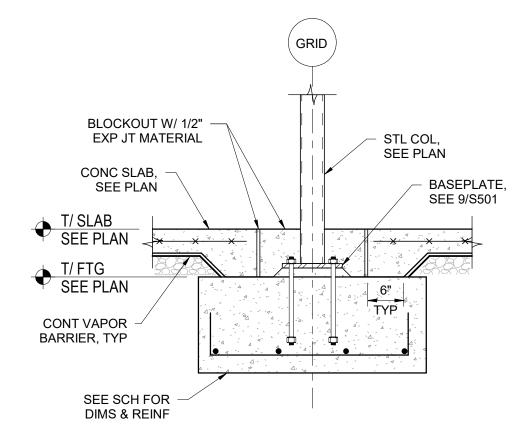
SCALE: NTS

TYP ANCHOR BOLT DETAIL



TYP CMU CORNER DETAIL





10	SECTION
10	SCALE: NTS

1/2" EXP JT MATERIAL

#4 CONT W/ #4 DWLS EA SIDE

CONC SLAB,

T/ SLAB
SEE PLAN

CONT VAPOR BARRIER

T/FTG
SEE PLAN

SEE SCH FOR

DIMS & REINF

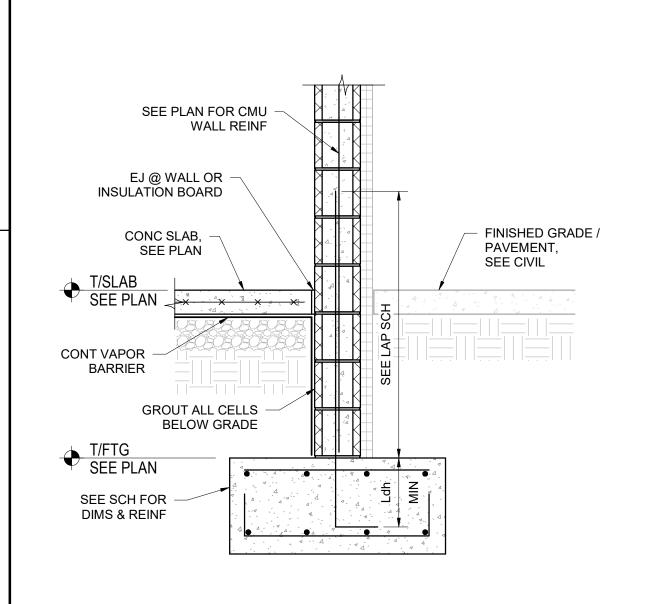
SEE PLAN

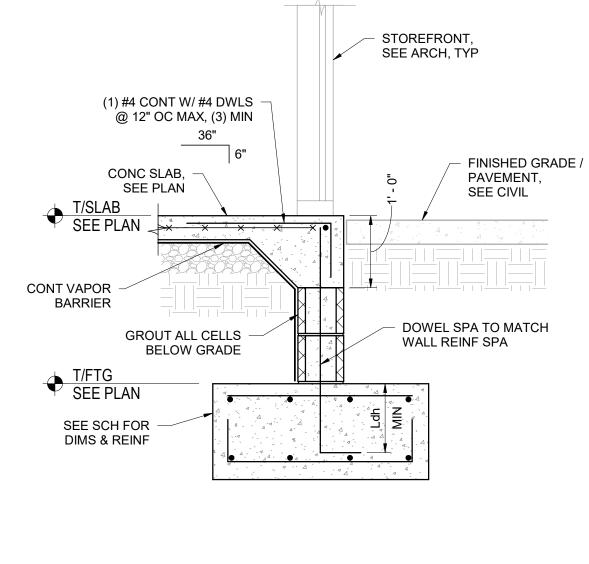
OF COL & SPA PER 12/S501

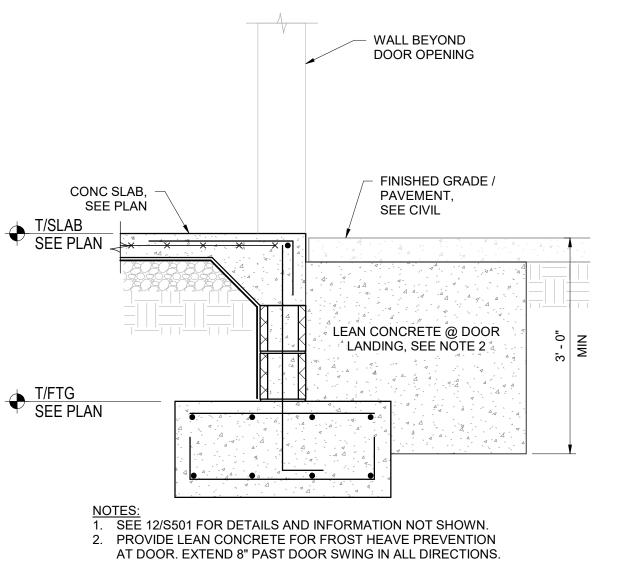
ALL AROUND

X X X

3" CLR









GRID

STL COL,

EOS, SEE PLAN

SEE PLAN

- FINISHED GRADE /

PAVEMENT,

SEE CIVIL

BASEPLATE,

SEE 9/S501

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SECTION

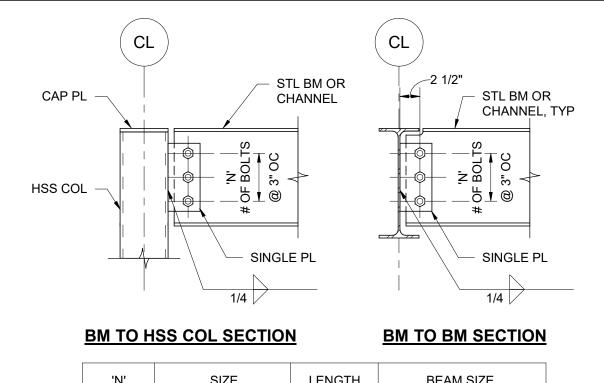
RS&H, Inc. **4582 S ULSTER STREET**

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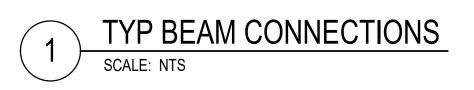
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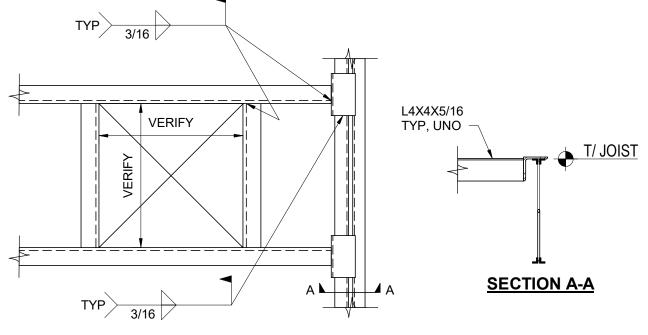


'N'	SIZE	LENGTH	BEAM SIZE
3	PL 3/8" x 4"	8 1/2"	C12, W12
2	PL 3/8" x 4"	5 1/2"	C8, C10, W8, W10

NOTES: 1. ALL BOLTS SHALL BE 3/4"Ø A325 N BEARING TYPE, UNLESS

- NOTED OTHERWISE. 2. STD OR SSLT HOLES ARE PERMITTED IN PLATE, UNLESS
- NOTED OTHERWISE ON PLAN. BEAM SHALL HAVE STD HOLES. 3. WIDE FLANGE BEAM TO HSS BEAM CONNECTION SIMILAR.

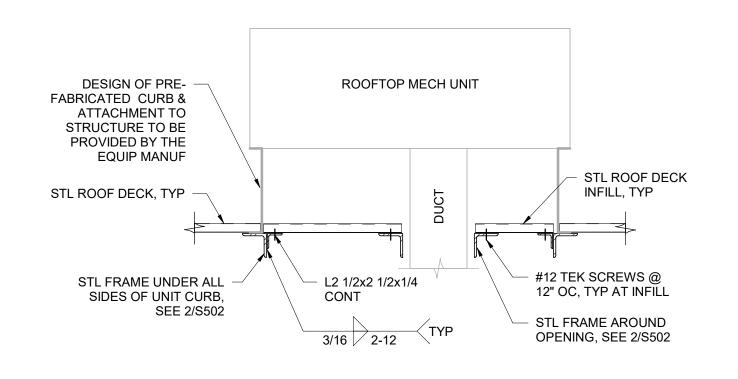




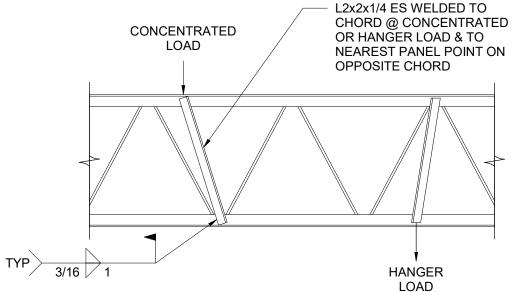
NOTES:

1. PROVIDE FRAMING AROUND ALL ROOF OPENINGS GREATER THAN 6"x6" OR WHERE 2 OR MORE ROOF CORRUGATIONS ARE INTERRUPTED. 2. VERIFY DIMENSIONS WITH EQUIPMENT PURCHASED BEFORE FABRICATION OF SUPPORT FRAMING.

TYP ROOF OPENING FRAMING



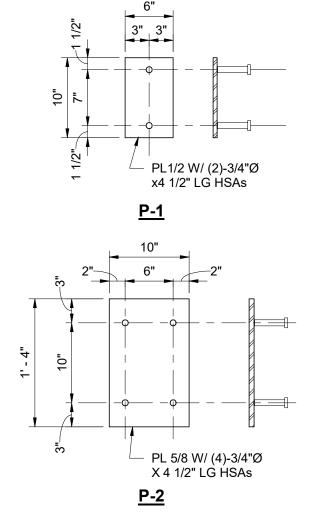
TYP MECH UNIT CURB DETAIL

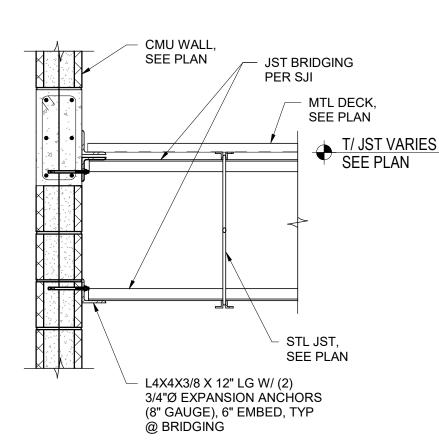


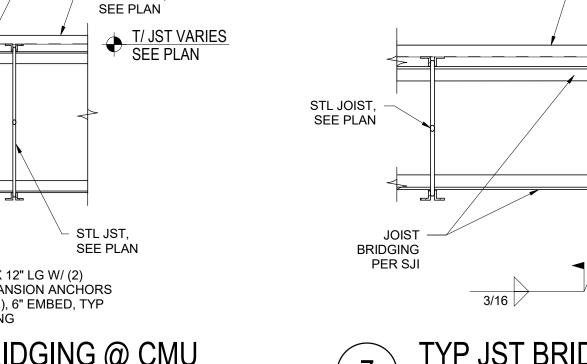
JOIST REINFORCING FOR CONCENTRATED LOADS NOT FALLING AT PANEL POINTS

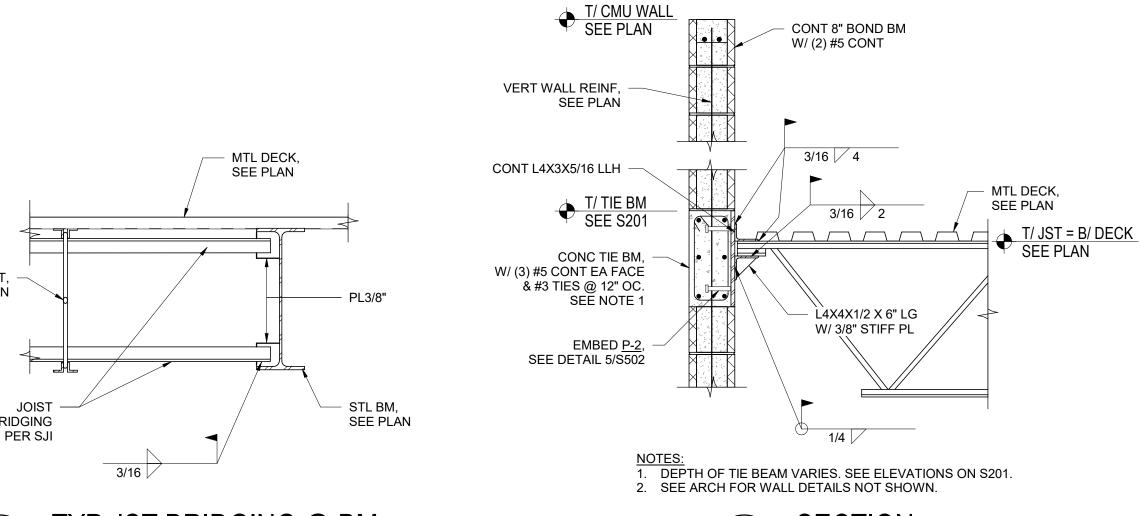
NOTES:
1. PROVIDE AT ALL CONCENTRATED AND HANGER LOADS GREATER THAN 100 LBS ON ROOF.

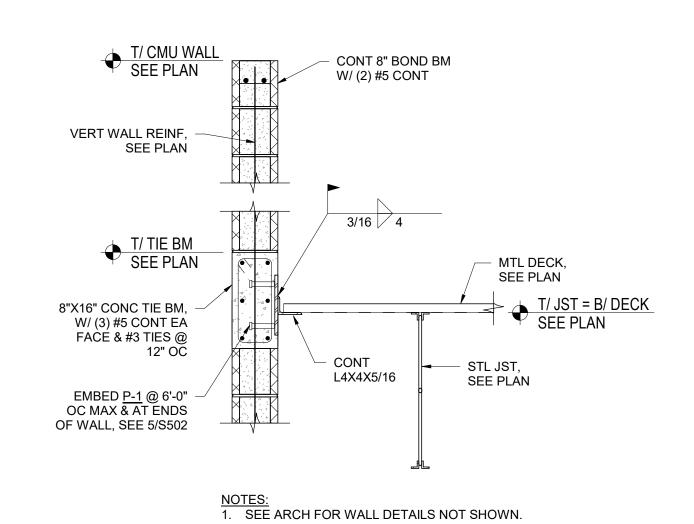












SECTION

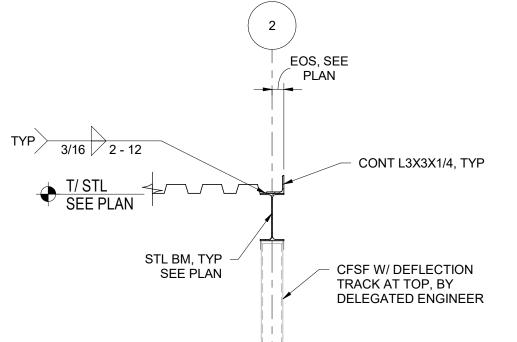


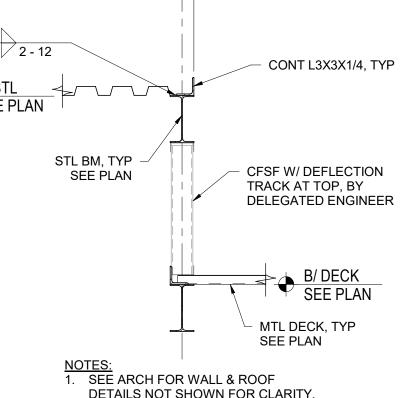
EMBED PLATE DETAIL SCALE: NTS

<u>LS</u>	_	



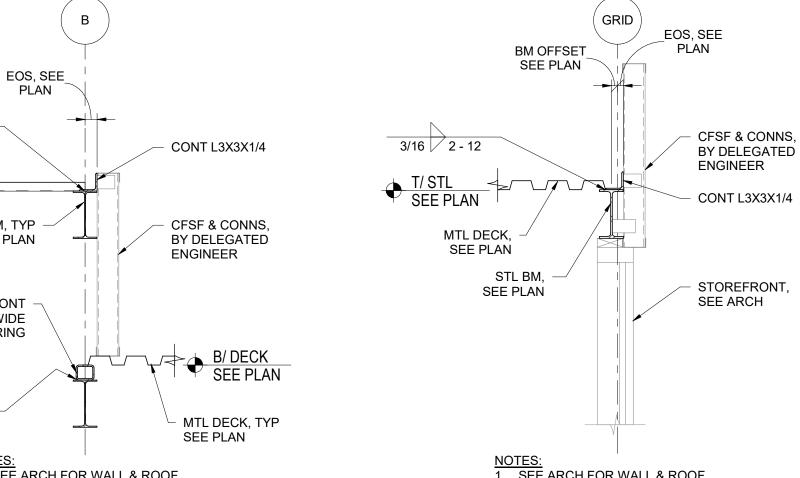


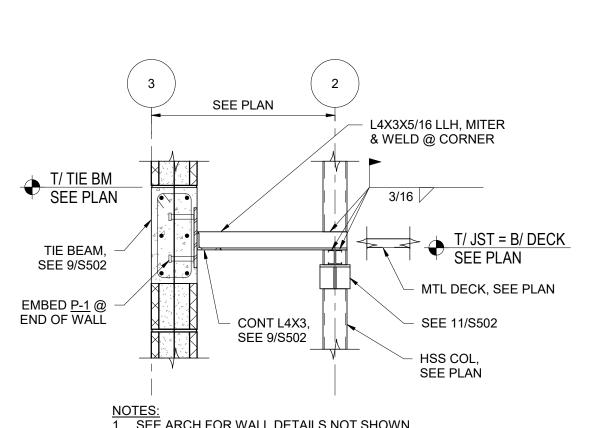


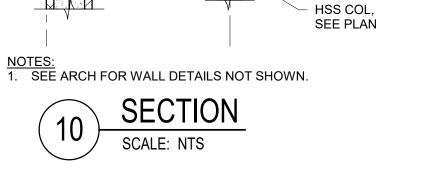


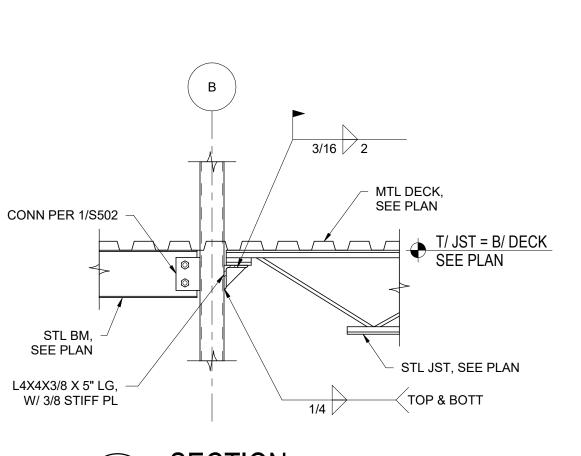


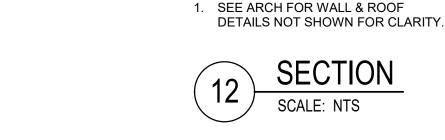
3/16 / 2 - 12

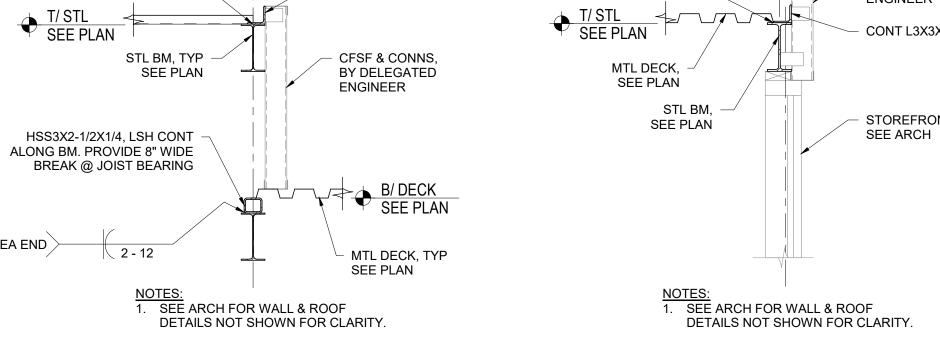












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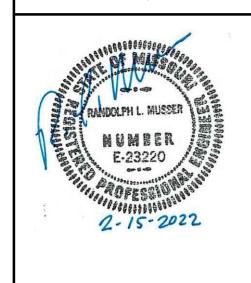
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2" EA END

PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND **UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



REVISIONS DESCRIPTION

DATE ISSUED: 02/15/2022 REVIEWED BY: DFW / RM DRAWN BY: MCM **DESIGNED BY:** PROJECT NUMBER: 524-0368-028

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FRAMING SECTIONS AND DETAILS

SHEET ID:

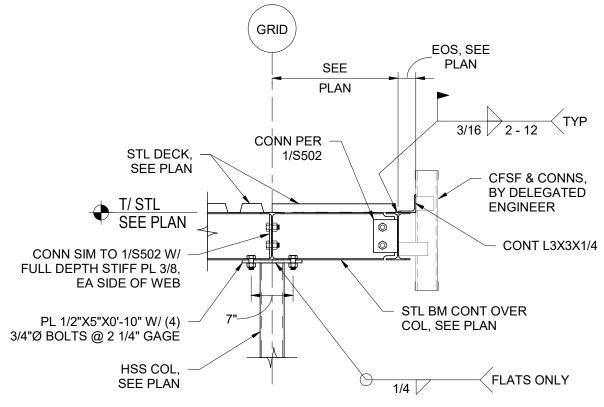
S502

NOTES:

1. HSS BEAMS NOT SHOWN FOR CLARITY.

2. METAL DECK, CONT ANGLES, CFSF, & STOREFRONT NOT SHOWN FOR CLARITY.

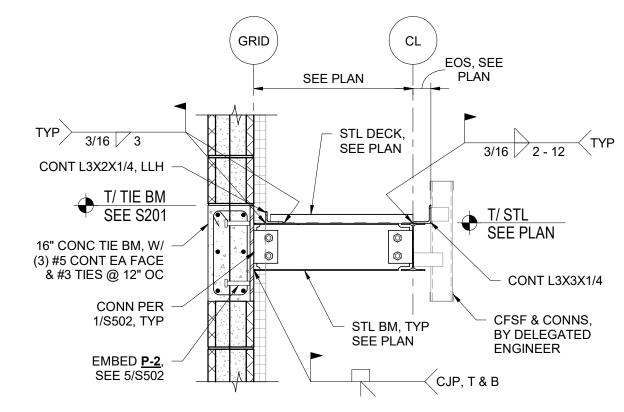
> SECTION SCALE: NTS



NOTES:

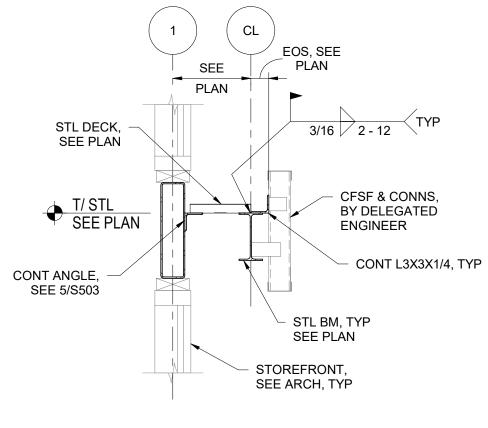
1. SEE ARCH FOR WALL, ROOF, SOFFIT & STOREFRONT DETAILS NOT SHOWN FOR CLARITY.

SECTION SCALE: NTS



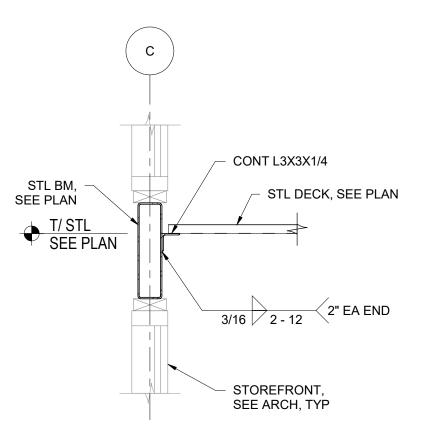
NOTES:

1. SEE ARCH FOR WALL, ROOF & SOFFIT DETAILS NOT SHOWN FOR CLARITY. 2. SLEEVES OR CORES ARE PERMITTED FOR 2"Ø ROOF DRAIN PIPE THROUGH CONCRETE TIE BEAM. BOTTOM OF SLEEVE OR CORE TO BE MINIMUM 3" FROM BOTTOM OF TIE BEAM.



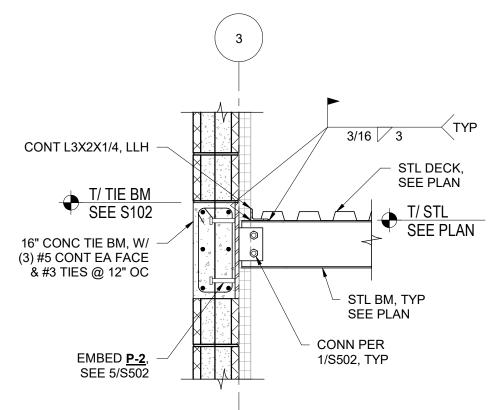
NOTES:

1. SEE ARCH FOR WALL, ROOF & SOFFIT DETAILS NOT SHOWN FOR CLARITY.



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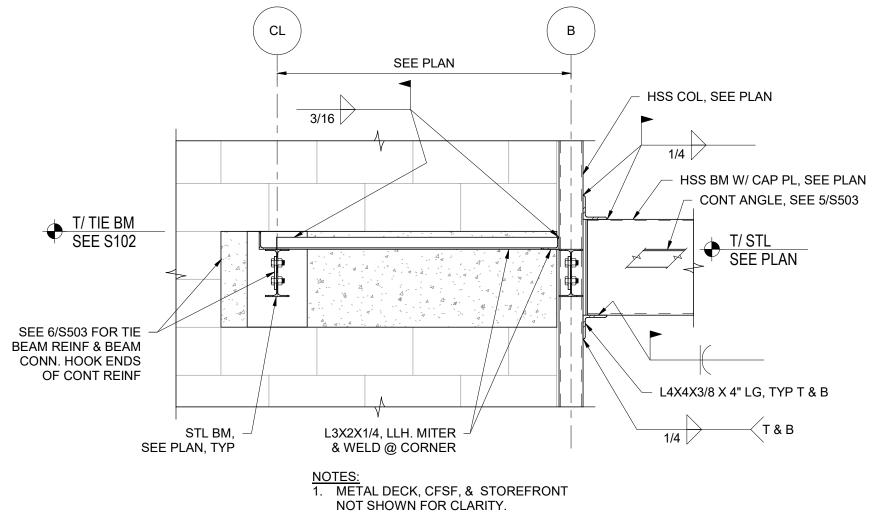


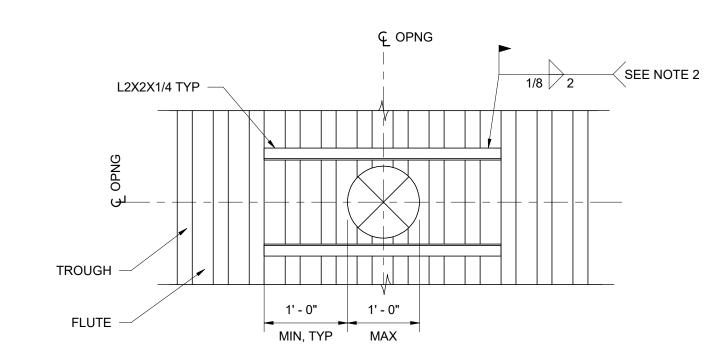


NOTES:

1. SEE ARCH FOR WALL, ROOF & SOFFIT DETAILS NOT SHOWN FOR CLARITY.







WELD ANGLES TO A MINIMUM OF TWO FULL DECK FLUTES EACH END OF EACH ANGLE. NO DECK REINFORCING REQ'D WHEN OPENING IS LESS THAN 6" WIDE

3. THIS DETAIL SHALL NOT APPY FOR MULTIPLE OPENINGS SPACED LESS THE 6 FEET OC UNLESS SPECIFICALLY APPROVED BY STRUCTURAL ENGINEER. 4. THIS DETAIL SHALL NOT BE USED TO SUPPORT MECH EQUIPMENT.

TYP STL DECK OPENINGS SMALLER THAN 12"

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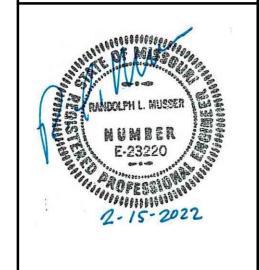


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PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO NEW PRYOR RD. & NW SUMMIT **WOODS XING**

LEE'S SUMMIT, MO 64081



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DATE ISSUED: 02/15/2022 REVIEWED BY: DFW / RM DRAWN BY: DESIGNED BY: PROJECT NUMBER:

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524-0368-028

CANOPY SECTIONS AND DETAILS

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

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ROOFING IN NEW CURBS, VENTS, AND OTHER ROOF PENETRATIONS OR ROOF-MOUNTED EQUIPMENT 3. FURNISH APPROVED OPERATING INSTRUCTIONS FOR ALL NEW EQUIPMENT. THE OPERATING INSTRUCTIONS SHALL INCLUDE WIRING DIAGRAMS, CONTROL SCHEMATICS, AND MAINTENANCE REQUIREMENTS FOR EACH SYSTEM.

4. WHERE INSTALLATION PROCEDURES OR ANY PART THEREOF ARE REQUIRED TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, FURNISH PRINTED COPIES OF THE RECOMMENDATIONS PRIOR TO INSTALLATION.

5. ALL EQUIPMENT AND MATERIALS PROVIDED FOR THIS PROJECT SHALL BE NEW AND FREE FROM DEFECTS.

6. PROVIDE PERMANENT IDENTIFICATION PLATES FOR ALL EQUIPMENT AND PLASTIC PIPE MARKERS ON ALL PIPING SYSTEMS. PROVIDE VALVE TAGS FOR ALL VALVES. DUCTWORK JACKETS AND SIMILAR FINISHES MAY BE IDENTIFIED WITH STENCIL PAINTING. 7. PROVIDE SLEEVES FOR ALL DUCTWORK AND PIPING PENETRATIONS. PLACE SLEEVES PRIOR TO

COMPLETION OF NEW CONSTRUCTION WHERE POSSIBLE. 8. ALL PENETRATIONS AND OPENINGS IN FIRE-RATED WALLS OR OTHER CONSTRUCTION SHALL BE CLOSED AND SEALED WITH AN APPROVED FIRESTOPPING MATERIAL IN ACCORDANCE WITH UL FIRE

RESISTANCE DIRECTORY DETAILS AND PRODUCT MANUFACTURER'S INSTRUCTIONS. 9. SELECT AND INSTALL PIPE SUPPORTS AND ANCHORS IN ACCORDANCE WITH MSS SP 58 AND SP 69. PROVIDE SINGLE OR MULTIPLE HANGERS AS APPROPRIATE. PROVIDE HANGERS WITH ADJUSTABLE MEANS FOR CONTROLLING THE LEVEL OR SLOPE OF PIPES.

10. PROVIDE ELASTOMERIC PADS BENEATH ALL PAD MOUNTED EQUIPMENT WITH ROTATING PARTS, INCLUDING CONDENSING UNITS. PADS SHALL BE 5/16-INCH MINIMUM THICKNESS WAFFLED OR RIBBED NEOPRENE. PROVIDE 3/8-INCH THICK NEOPRENE AND ABS STRIPS (KELLET LP-13 OR EQUAL) FOR CURB-MOUNTED ROOFTOP UNITS.

11. ROOFTOP UNITS, AIR HANDLERS, AND CONDENSING UNITS SHALL HAVE INTERNAL VIBRATION ISOLATION FOR FANS AND COMPRESSORS, UTILIZING OPEN-SPRING OR NEOPRENE ISOLATORS, FREESTANDING AND LATERALLY STABLE WITH NO HOUSING.

12. ALL PIPE INSULATION WITHIN THE BUILDING SHALL BE ASTM C547, CLASS 1 PREFORMED FIBERGLASS PIPE INSULATION WITH AN ALL-SERVICE VAPOR-BARRIER JACKET. 1/2-INCH THICK FOR PIPE SIZES UP TO AND INCLUDING 1-1/4 INCHES. MAXIMUM FLAME-SPREAD/SMOKE-DEVELOPED RATING SHALL BE 25/50 WHEN TESTED IN ACCORDANCE WITH ASTM E-84. ASTM C534. TYPE I FLEXIBLE UNICELLULAR INSULATION, 3/4-INCH THICK, MAY BE USED IN EXTERIOR LOCATIONS ONLY. PROVIDE A UV-RESISTANT COATING OR JACKET ON ALL EXTERIOR INSULATION.

13. INSULATE ALL DUCTWORK, PLENUMS, FAN CABINETS AND EQUIPMENT CASINGS EXCLUDING PRE-INSULATED FLEXIBLE DUCTS AND PRE-INSULATED EQUIPMENT. INSULATE THE BACKS OF SUPPLY AIR DIFFUSERS AND GRILLES.

14. INSULATION FOR DUCTS AND DIFFUSERS SHALL BE 2-INCH THICK ASTM C553, TYPE I, CLASS B-4, 1-1/2 LB/CU FT DENSITY FLEXIBLE FIBERGLASS BLANKET WITH FSK JACKET. ALL SEAMS, JOINTS AND PUNCTURES IN EXTERNAL INSULATION JACKET SHALL BE SEALED WITH GLASS-REINFORCED FABRIC AND VAPOR-BARRIER MASTIC.

15. CONDENSATE DRAIN PIPING FOR HVAC EQUIPMENT SHALL BE TYPE DWV COPPER TUBING, ASTM B306, DRAWN TEMPER, WITH ASME B16.29 WROUGHT-COPPER, SOLDER-JOINT, DWV DRAINAGE FITTINGS.

16. REFRIGERANT PIPING FOR HVAC SYSTEMS SHALL BE SEAMLESS COPPER TUBING, ASTM B280, TYPE ACR, HARD-DRAWN, STRAIGHT LENGTHS AND SOFT-ANNEALED COILS. FITTINGS SHALL BE WROUGHT-COPPER, ANSI B16.22, STREAMLINED PATTERN. BRAZING FILLER METAL SHALL BE AWS A5.8, CLASSIFICATION BAG-1 (SILVER). INSTALL REFRIGERANT PIPING IN ACCORDANCE WITH ASHRAE STANDARD 15. ARRANGE PIPING TO ALLOW NORMAL INSPECTION AND SERVICING OF COMPRESSOR AND OTHER EQUIPMENT. INSTALL VALVES AND SPECIALTIES IN ACCESSIBLE LOCATIONS. PROVIDE LIQUID AND SUCTION SERVICE PORTS AND ISOLATION VALVES FOR EACH CIRCUIT. INSPECT, TEST, AND PERFORM CORRECTIVE ACTION OF REFRIGERANT PIPING IN ACCORDANCE WITH ASME CODE B31.5. CHAPTER VI. REPAIR LEAKING JOINTS USING NEW MATERIALS, AND RETEST FOR LEAKS. THOROUGHLY DRY AND EVACUATE PIPING SYSTEMS BEFORE CHARGING.

17. HVAC EQUIPMENT SHALL BE UL APPROVED, EQUAL TO THAT SCHEDULED ON THE DRAWINGS. ALL EQUIPMENT SHALL BE FACTORY TESTED. SYSTEMS SHALL COMPLY WITH ARI STANDARD 210. CONDENSING UNITS SHALL BE FACTORY-ASSEMBLED. PRE-PIPED AND PRE-WIRED UNITS SUITABLE FOR OUTDOOR USE CONSISTING OF COATED CALVANIZED STEEL CABINET, HERMETIC SCROLL COMPRESSOR(S), COPPER-TUBE CONDENSING COIL, ALUMINUM PROPELLAR FAN(S), INTEGRAL SUBCOOLING CIRCUIT(S), REFRIGERANT PIPING, REFRIGERATION SPECIALTIES, AND CONTROLS. PROVIDE FULL 5-YEAR PARTS AND LABOR WARRANTY ON AIR-CONDITIONING COMPRESSORS.

INSTALLER SHALL ANCHOR CONDENSING-UNIT TO CONCRETE PAD. 18. ALL EQUIPMENT SHALL HAVE DISCONNECTS AND OVERCURRENT PROTECTION AS REQUIRED BY THE

NATIONAL ELECTRICAL CODE. COORDINATE WITH WORK OF DIVISION 26. 19. ALL DUCTWORK SHALL BE GALVANIZED STEEL, CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE. FLEXIBLE DUCTS AND DUCT CONNECTORS SHALL BE UL-181, CLASS 1 WITH FLAME-SPREAD/SMOKE-DEVELOPED RATINGS OF 25/50 OR LESS, FABRICATED WITH METAL HELIX REINFORCEMENT AND MINIMUM R-6 INSULATION BETWEEN FIRE-RETARDANT INNER LINER AND GLASS TAPE, AND NYLON HANGING CORD. SECURE FLEXIBLE DUCT TO COLLAR OR SLEEVE WITH DUCT SEALER, 1/2-INCH CLAMPS AND SHEET METAL SCREWS. SECURE INSULATION COVER WITH GLASS FABRIC AND MASTIC. PROVIDE RIGID ROUND DUCTS WHERE RUNOUT LENGTHS EXCEED 3 FEET. PROVIDE LISTED GAS VENT FOR WATER HEATER, INCLUDING ROOF THIMBLE

20. MANUAL VOLUME-CONTROL DAMPERS SHALL HAVE MINIMUM 16-GAUGE GALVANIZED-STEEL FRAMES AND MINIMUM 20-GAUGE FORMED BLADES. GALVANIZED STEEL AXLE SHALL HAVE BEARINGS AT BOTH ENDS AND SHAFT SHALL EXTEND SO THAT OPERATOR CLEARS EXTERNAL INSULATION. PROVIDE INDICATING QUADRANT AND LOCKING DEVICE. USE SINGLE-BLADE DAMPERS FOR WIDTHS UP TO 8 INCHES AND OPPOSED-BLADE DESIGN FOR SIZES ABOVE 8 INCHES.

21. FABRICATE TURNING VANES ACCORDING TO SMACNA HVAC DUCT CONSTRUCTION STANDARDS, FIGURES 2-2 THROUGH 2-7.

22. FLEXIBLE DUCT CONNECTORS SHALL BE FABRICATED OF FLAME-RETARDED OR NONCOMBUSTIBLE FABRICS, COATINGS, AND ADHESIVES COMPLYING WITH UL STANDARD 181, CLASS 1, WITH METAL-EDGED CONNECTORS. PROVIDE FLEXIBLE DUCT CONNECTORS AT CONNECTION OF NEW DUCTWORK

TO FAN TERMAINL UNITS. 23. AIR DEVICES SHALL BE EQUAL TO PRODUCTS SCHEDULED. TEST AND RATE AIR OUTLETS AND INLETS IN ACCORDANCE WITH ARI 650 "STANDARD FOR AIR OUTLETS AND INLETS". MOUNTINGS SHALL BE LAY-IN TYPE FOR ACOUSTICAL PANEL CEILINGS AND SURFACE-MOUNT WITH 1-1/4 INCH BORDER FOR GYPSUM-BOARD CEILINGS (REFER TO REFLECTED CEILING PLANS) OR WALLS. LOUVERS SHALL BE ALUMINUM EXTRUSIONS, ASTM B 221, ALLOY 6063-T52, WITH INDICATED AIRFLOW AND ZERO WATER PENETRATION AT 700 FEET PER MINUTE. PROVIDE LOUVERS WITH FRAME AND SILL STYLES THAT ARE COMPATIBLE WITH ADJACENT SUBSTRATE AND MANUFACTURED TO FIT INTO WITH ACCURATE FIT AND ADEQUATE SUPPORT. PROVIDE 1/4-INCH SQUARE MESH ANODIZED ALUMINUM WIRE SCREENS

MOUNTED IN REMOVABLE EXTRUDED ALUMINUM FRAMES. 24. PROVIDE TEST AND BALANCE OF ALL HVAC SYSTEMS BY AN INDEPENDENT TEST AND BALANCE FIRM, WHO IS NEBB OR AABC CERTIFIED WITH A MINIMUM OF 5 YEARS EXPERIENCE. TESTING, ADJUSTING AND BALANCING SHALL CONFORM TO ASHRAE, ANSI AND EITHER NEBB "PRODEDURAL STANDARDS FOR TESTING, ADJUSTING, BALANCING OR ENVIRONMENTAL SYSTEMS" OR AABC MN-1 "NATIONAL STANDARDS", AS APPLICABLE TO MECHANICAL AIR DISTRIBUTION SYSTEMS, ASSOCIATED EQUIPMENT

AND APPARATUS. 25. MOUNT THERMOSTAT AT 4'-0" AFF €.

TYPICAL DRAWING SYMBOLS ALL MECHANICAL DDAMINGO

	ALL MECHANICAL DRAWINGS			
SYI	MBOL	DESCRIPTION		
S1) 200 - A	DIFFUSER MARK AIR QUANTITY (CFM) NECK SIZE	AIR DEVICE DESIGNATION		
	\times	SUPPLY GRILLE		
		RETURN GRILLE		
		EXHAUST GRILLE		
	: 5	SUPPLY AIR ELBOW DOWN		
<u>}</u>	: 5	SUPPLY AIR ELBOW UP		
	: 5	RETURN AIR AIR ELBOW DOWN		
	: 5	RETURN AIR AIR ELBOW UP		
}		EXHAUST AIR ELBOW DOWN		
<u> </u>	: 5	EXHAUST AIR ELBOW UP		
		MANUAL VOLUME DAMPER		
7	FD	FIRE DAMPER		
		ROUND DUCT OFF-SET UP (UP) OR (DN)		
UP	7	RECTANGULAR DUCT OFF-SET UP (UP) OR (DN)		
	: 5	RECTANGULAR TO ROUND TRANSITION		
	: 5	DUCT SIZE TRANSITION		
	4"Ø 'X12"	LOW AND MEDIUM VELOCITY ROUND DUCT SIZE LOW AND MEDIUM VELOCITY RECTANGULAR DUCT SIZE FIRST NUMBER INDICATES SIZE FOR SIDE SHOWN. SIZES INDICATED ARE FREE AREA DIMENSIONS.		
	: 5———	TEE WITH SINGLE THICKNESS AIRFOIL TYPE TURNING VANES		
	: 5	TEE, BRANCH TAKE-OFF (RECTANGULAR TO RECTANGULAR) (RETURN & EXHAUST ONLY)		
	:	45° RECTANGULAR BRANCH TAKE-OFF TO DIFFUSER (TAP OUT OF BOTTOM OF BRANCH)		
	:	90° ELBOW WITH SINGLE THICKNESS TYPE TURNING VANES		
	:	45° ELBOW WITH SINGLE THICKNESS TYPE TURNING VANES		
	++++++	FLEXIBLE DUCT & DIFFUSER		
<u> </u>	R	DUCT RISE (R) OR DROP (D) IN DIRECTION OF AIR FLOW (SINGLE LINE & DOUBLE LINE SYMBOLS)		
AHU-1 S	EQUIPMENT MARK NO. SEE EQUIPMENT SCHEDU	LETTERS FOR DIAGRAMS & SECTIONS. NUMBERS FOR DETAILS & FLOOR PLANS		
	CONNECT TO EXISTING	SHEET ON WHICH		
	DEMO LIMIT	SECTION OR DETAIL IS ACTUALLY DETAILED		

E DUCT & DIFFUSER
ISE (R) OR DROP (D) CTION OF AIR FLOW E LINE & DOUBLE LINE SYMBOLS)
LETTERS FOR DIAGRAMS & SECTIONS. NUMBERS FOR DETAILS & FLOOR PLANS
SHEET ON WHICH SECTION OR DETAIL IS ACTUALLY DETAILED
SECTION & DETAIL SYMBOL

MECHANICAL SYSTEMS ABBREVIATIONS

HP

HORIZ HORIZONTAL

HORSEPOWER

NOTE: ALL ABBREVIATIONS ARE NOT NECESSARILY USED ON THE DRAWINGS

AMPS, AMPERE

ABOVE

ABV

ABV	ABOVE	HP	HORSEPOWER
A/C	AIR CONDITIONER	HTG	HEATING
ADJ	ADJACENT	HVAC	HEATING, VENTILATION, AND A/C
AFF	ABOVE FINISHED FLOOR	HW	HOT WATER (DOMESTIC)
AFG	ABOVE FINISHED GRADE	HWR	HOT WATER RETURN
AHU	AIR HANDLING UNIT	HWS	HOT WATER SUPPLY
AMB	AMBIENT	HZ	HERTZ
AUX	AUXILIARY	IN	INCHES
BD	BACKDRAFT DAMPER	IN WC	INCHES WATER COLUMN
BLDG	BUILDING	KW	KILOWATT
BHP	BRAKE HORSEPOWER	L	LENGTH
BTU	BRITISH THERMAL UNIT	LAT	LEAVING AIR TEMPERATURE
BTUH	BRITISH THERMAL UNIT PER HOUR	LAT	LATENT (BTU)
C/C	COOLING COIL	LBS	POUNDS
CD	CONDENSATE DRAIN	LWT	LEAVING WATER TEMPERATURE
CFH	CUBIC FEET PER HOUR	MAX	MAXIMUM
CFM	CUBIC FEET PER MINUTE	MECH	MECHANICAL
CHWR	CHILLED WATER RETURN	MIN	MINIMUM
CHWS	CHILLED WATER SUPPLY	MISC	MISCELLANEOUS
CLG	CEILING	MTG	MOUNTING
co	CLEAN OUT	MTR	MOTOR
COND	CONDITION	MVD	MANUAL VOLUME DAMPER
CONST	CONSTRUCTION	N/A	NOT APPLICABLE
CONT	CONTINUOUS	NEC	NATIONAL ELECTRIC CODE
COP	COEFFICIENT OF PERFORMANCE	NFPA	NATIONAL FIR PROTECTION ASSOCIATION
CT	COOLING TOWER	NIC	NOT IN CONTRACT
CU	CONDENSING UNIT	NTS	NOT TO SCALE
CW	COLD WATER (DOMESTIC)	OA	OUTSIDE AIR
CWR	CONDENSER WATER RETURN	OBD	OPPOSED BLADE DAMPER
cws	CONDENSER WATER SUPPLY	OC	ON CENTER
DB	DRY BULB	OP	OPERATING
DD	DIRECT DRIVE	OZ	OUNCE
DFU	DRAINAGE FIXTURE UNITS	PD	PRESSURE DROP
DIA	DIAMETER	PERF	
DIFF	DIFFUSER	PLBG	
DN	DOWN	PSI	POUNDS PER SQUARE INCH
DTL	DETAIL	PVC	
DWG	DRAWING	QTY	QUANTITY
DX	DIRECT EXPANSION	RA	RETURN AIR
EA	EACH	RCP	REFLECTED CEILING PLAN
EAT	ENTERING AIR TEMPERATURE	REF	REFERENCE
EDH	ELECTRIC DUCT HEATER	RG	RETURN GRILLE
EER	ENERGY EFFICIENCY RATIO	RH	RELATIVE HUMIDITY
EF	EXHAUST FAN	REQ'D	REQUIRED
EL	ELEVATION	RLA	RUNNING LOAD AMPS
ELEC	ELECTRICAL	RM	ROOM
ELEV	ELEVATOR	RPM	REVOLUTIONS PER MINUTE
EMER	EMERGENCY	RTU	
ENT		SA	
EQ		SEER	
		SENS	
EQUIP			,
ESP		SF	SUPPLY FAN
EWT		SFU	
ERV	ENERGY RECOVERY VENTILATOR	SP	STATIC PRESSURE
EXH	EXHAUST	SPECS	SPECIFICATIONS
EXIST	EXISTING	SQ FT	SQUARE FEET
EXT	EXTERNAL	S, SAN	SANITARY SEWER
EXP	EXPANSION	SS	STAINLESS STEEL
°F	DEGREES FAHRENHEIT	STD	STANDARD
FA	FREE AREA	T-STAT	THERMOSTAT
FCU	FAN COIL UNIT	TA	
FCO	FLOOR CLEANOUT	TEMP	TEMPERATURE
FD	FIRE DAMPER	TG	TRANSFER GRILLE
FD	FLOOR DRAIN	TOT	TOTAL (BTU)
FF			TYPICAL
	FINAL FILTER	TYP	
FF	FINISHED FLOOR	UC	UNDERCUT (DOOR)
FIXT	FIXTURE	UF	UNDER FLOOR
FL	FLOOR	UH	UNIT HEATER
FLA	FULL LOAD AMPS	U.O.N.	UNLESS OTHERWISE NOTED
FLEX	FLEXIBLE CONNECTION	V	VENT
FPV	FAN POWERED VAV TERMINAL UNIT	V	VOLTS
FPM	FEET PER MINUTE	VAV	VARIABLE AIR VOLUME
FT	FEET	VFD	VARIABLE FREQUENCY DRIVE
FTU	FAN POWERED VAV TERMINAL UNIT	VTR	VENT THRU ROOF
GA	GAUGE	VVT	VARIABLE VOLUME TERMINAL UNIT
GAL	GALLONS	W	WATTS
GALV	GALVANIZED	WB	WET BULB
GPH	GALVANIZED GALLONS PER HOUR	WCO	WALL CLEANOUT
GPM	GALLONS PER MINUTE	WH	WATER HEATER
l H	HEIGHT	W/	WITH

WITHOUT

MECHANICAL LEGEND

ABBREVIATION	SYMBOL	DESCRIPTION
CD	CD	CONDENSATE DRAIN
RL/RS	RL/RS	REFRIGERANT LIQUID AND SUCTION
		(ONE LINE SHOWN FOR CLARITY)
	T	THERMOSTAT, 4'-0" AFF €
	S	TEMPERATURE SENSOR, 4'-0" AFF €
	SD	DUCT SMOKE DETECTOR

CODES AND STANDARDS

THE FOLLOWING CODES, INCLUDING LOCAL AMENDMENTS ADOPTED BY THE CITY

OF LEE'S SUMMIT, MISSOURI APPLY TO THIS PROJECT: 2018 INTERNATIONAL BUILDING CODE AND LOCAL AMENDMENTS 2017 NATIONAL ELECTRICAL CODE AND LCOAL AMMENDMENTS 2018 INTERNATIONAL FIRE CODE AND LOCAL AMENDMENTS 2018 INTERNATIONAL FUEL GAS CODE AND LOCAL AMENDMENTS 2018 INTERNATIONAL MECHANICAL CODE AND LOCAL AMENDMENTS 2018 INTERNATIONAL PLUMBING CODE AND LOCAL AMENDMENTS 2018 INTERNATIONAL ENERGY CONSERVATION CODE AND LOCAL AMENDMENTS STATE OF MO ACCESSIBILITY STANDARDS

CONDENSATE DRAIN SIZING CHART

EQUIPMENT CAPACITY IN TONS OF REFRIGERATION	MINIMUM PIPE DIAMETER IN INCHES
UP TO 10 TONS	0.75
11-40	1.00
41-90	1.25
91-125	1.50
126-250	2.00

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CONSTRUCTION As Noted on Plans Review

www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636



PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT WOODS XING

LEE'S SUMMIT, MO 64081



		*							
REVIS	REVISIONS								
NO.	DESCRIPTION	DATE							

DATE ISSUED: 02/15/22 REVIEWED BY: **DESIGNED BY:** PROJECT NUMBER: 5240368028 © 2022 RS&H, INC.

SHEET TITLE:

MECHANICAL NOTES, LEGEND, **ABBREVIATIONS**

SHEET ID:

PROJECT STATUS: CONSTRUCTION DOCUMENTS

MECHANICAL KEYED NOTE

HEIGHT

HUB DRAIN

CONSTRUCTION

GENERAL NOTES

- 1 CONTRACTOR SHALL PROGRAM THERMOSTAT (HONEYWELL VISION PRO 8000) SET POINTS PRIOR TO END OF CONSTRUCTION: HEATING - 70°F OCCÚPIED, 60°F UNOCCUPIED; COOLING - 74°F OCCUPIED, 80°F UNOCCUPIED. SET ACCORDING TO BANK HOURS OF OPERATION. THERMOSTATS AND SENSORS SHALL BE ALIGNED WITH LIGHTING CONTROL DEVICES.
- 2 COORDINATE WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCE AND MAINTAIN CLEARANCES.
- 3 ALL PENETRATIONS AND OPENINGS IN FIRE-RATED WALLS OR OTHER CONSTRUCTION SHALL BE CLOSED AND SEALED WITH AN APPROVED FIRESTOPPING MATERIAL IN ACCORDANCE WITH UL FIRE RESISTANCE DIRECTORY DETAILS AND PRODUCT MANUFACTURER'S INSTRUCTIONS.
- 4 PENETRATIONS OF WALLS FOR THE PASSAGE OF PIPING, DUCTWORK, OR OTHER SHALL BE PROPERLY SEALED AFTER INSTALLATION. FIELD VERIFY WALL PENETRATIONS AND PROPERLY SEAL AS REQUIRED TO MAINTAIN WALL RATING.
- 5 DUCT RUNOUT WITH TAKEOFF SHALL MATCH DIFFUSER'S NECK SIZE. WHERE THE DEPTH OF THE DUCTWORK WILL NOT PERMIT A SPIN IN COLLAR FITTING, PROVIDE AN EQUIVALENT FLAT OVAL CONNECTION WITH MANUAL VOLUME DAMPER AND AN OVAL TO ROUND TRANSITION FOR
- 6 CONTRACTOR SHALL ENSURE PROPER RETURN AIR PATH BACK TO AIR HANDLING UNITS. PROVIDE OPENINGS/TRANSFERS ABOVE CEILING OR EXTEND RETURN AIR BOOT DUCT THROUGH WALL ABOVE CEILING WHERE REQUIRED.

7 CONFIRM ALL EQUIPMENT, DUCTWORK ABOVE CEILING ARE PLENUM

- 8 COORDINATE LOCATION OF ALL THERMOSTATS/TEMPERATURE SENSORS
- WITH FURNITURE, MEDIA, ETC. ON WALLS BEFORE ISNTALLING TO ENSURE ACCESSIBILITY.
- 9 CONTRACTOR SHALL PROVIDE A BALANCING DAMPER AT EACH BRANCH 10 CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED
- CEILING PLAN FOR EXACT LOCATIONS OF ALL AIR DEVICES. 11 DURING OCCUPIED MODE, THE INDOOR FAN SHALL BE SET TO CONSTANT

ON. THE FAN SHALL CYCLE DURING NON-OCCUPIED MODE.

KEYED NOTES

- 1. NEW ROOFTOP UNIT ON ROOF. TRANSITION AS REQUIRED TO CONNECT TO SUPPLY AND RETURN DROPS.
- 2. NEW EXHAUST FAN ON ROOF. TRANSITION AS REQUIRED TO CONNECT. MAINTAIN MINIMUM 10'-0" CLEARANCE FROM EXHAUST TO ANY FRESH AIR INTAKE.
- 3. PROVIDE RADIANT HEATER PANEL IN THE COVE MOUNTED CONFIGURATION. COORDINATE WITH ARCHITECTURAL.
- 4. CONTRACTOR SHALL LOCATE LINE VOLTAGE THERMOSTAT (BARBER COLMAN T-1161) SET AT 80°F (ADJUSTABLE) WHERE SHOWN ON PLAN. ALIGN WITH LIGHTING CONTROL DEVICES.
- 5. PROVIDE CO2 SENSOR, SETPOINT SHALL NOT EXCEED 1000 PPM INDOOR CO2 CONCENTRATION. SENSORS SHALL HAVE AN AUDIBLE ALARM IF SET POINT IS REACHED.
- 6. COORDINATE DUCT PENETRATION THROUGH ACOUSTICAL PANELS. REFER TO DETAIL SHOWN ON A501. COORDINATE HEIGHT OF PENETRATION WITH ARCHITECTURAL ELEVATIONS.
- 7. COORDINATE FINISH OF GRILLE PENETRATION THROUGH ACOUSTICAL PANEL. PROVIDE TRIM AS NECESSARY TO PROVIDE FINISHED LOOK. COORDINATE HEIGHT OF PENETRATION WITH ARCHITECTURAL ELEVATIONS.
- 8. PROVIDE TEMPERATURE SENSOR WITH NO PROGRAMMABLE CONTROLS IN 24 HOUR ATM VESTIBULE. PROGRAMMABLE CONTROL FOR UNIT SHALL BE PLACED IN BACK OF HOUSE IT ROOM.

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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



REVISIONS

NO. DESCRIPTION

REVIEWED BY: DRAWN BY: **DESIGNED BY:**

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5240368028

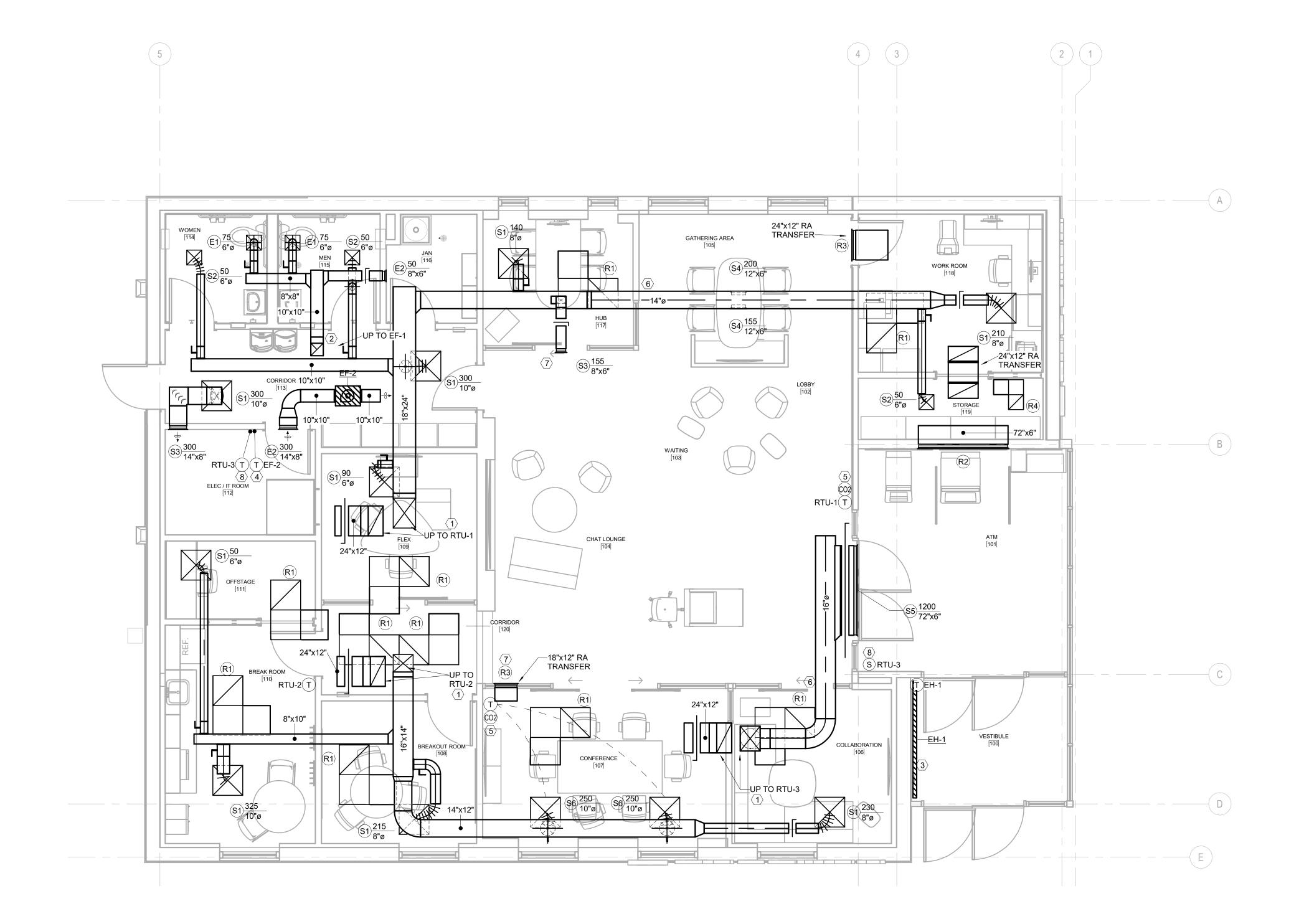
PROJECT NUMBER:

MECHANICAL PLAN

SHEET ID:

M101

PROJECT STATUS: CONSTRUCTION DOCUMENTS



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MECHANICAL GENERAL NOTES

- 1. PROVIDE INSULATED ROOF CURB FOR SUPPORT OF ALL HVAC EQUIPMENT.
- 2. ENSURE PROPER MANUFACTURER RECOMMENDED CLEARANCES FOR ALL HVAC EQUIPMENT.
- 3. PROVIDE SLEEPER PADS ON ROOF UNDER CONDENSATE DRAIN LINE. SUPPORTS SHALL BE PER MANUFACTURER REQUIREMENTS.
- 4. PIPE SUPPORTS ON ROOF SHALL BE CADDY PYRAMID ST SERIES ADJUSTABLE HEIGHT STRUT SUPPORTS. SUPPORTS SHALL BE SPACED ACCORDING TO THE APPLICABLE BUILDING CODE.

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PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

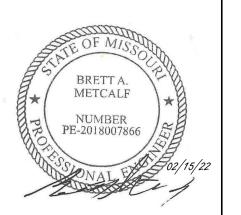
KEYED NOTES

- 1. MAINTAIN 10' CLEARANCE FROM EXHAUST FAN TO ANY ROOF EDGE AND ANY FRESH AIR INTAKE.
- MECHANICAL CONTRACTOR TO PROVIDE 2" MERV 13 FILTERS UPON SIGNIFICANT COMPLETION OF PROJECT.
- 3. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEEDLEPOINT BI-POLAR IONIZATION. BI-POLAR IONIZATION SHALL BE UL867 COMPLIANT. PART TO BE ORDERED UPON ACCEPTANCE OF PROJECT TO MEET LONG LEAD TIME ON PRODUCT. PROVIDE ATMOSAIR MATTERHORN 1002 OR APPROVED EQUAL. INTERLOCK WITH RTU TO OPERATE ONLY WHEN RTU FAN IS ON.

PROJECT ADDRESS:

WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



REVISIONS											
NO.	DESCRIPTION	DATE									

DESIGNED BY: PROJECT NUMBER: 5240368028

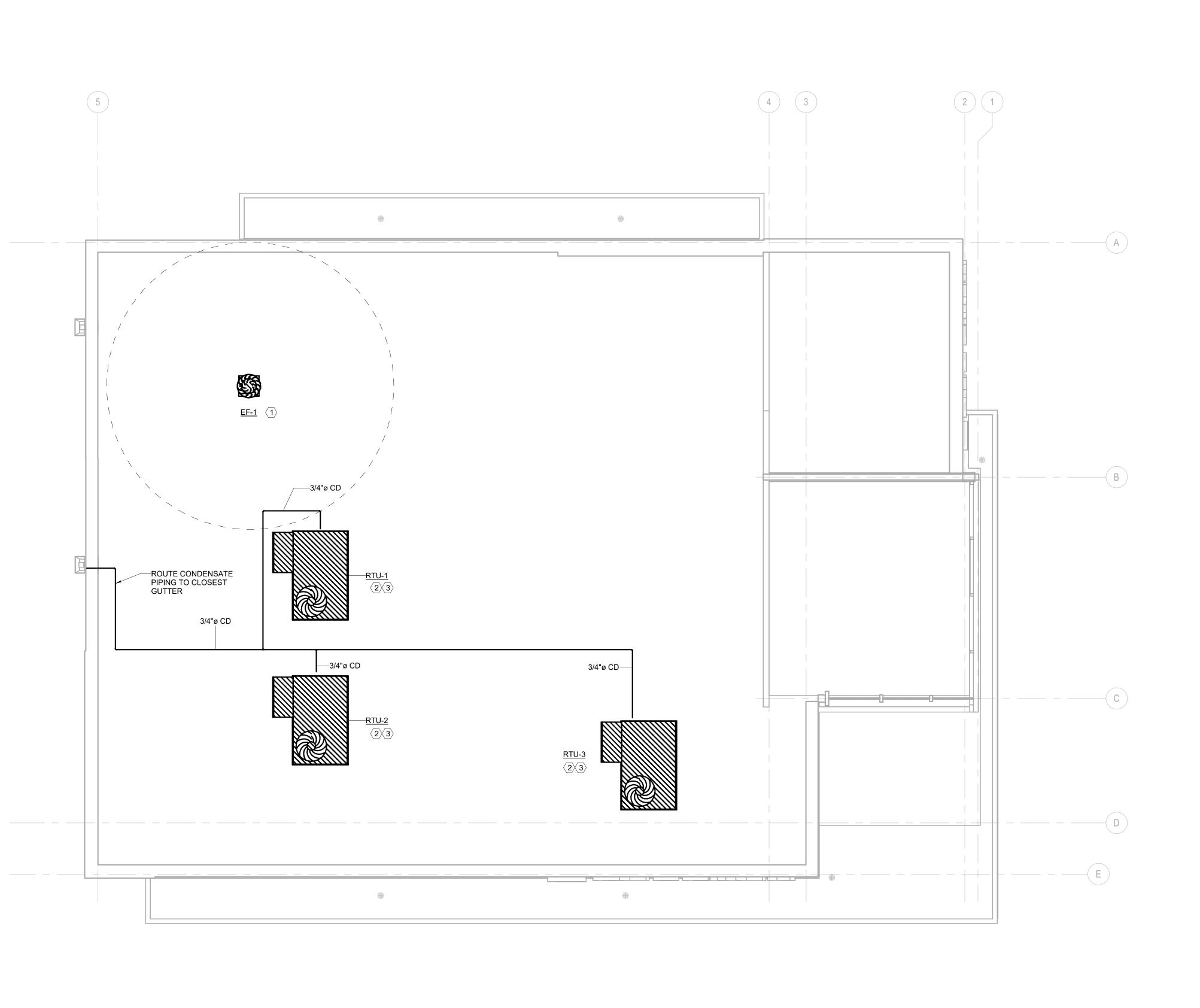
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ROOF PLAN

SHEET ID:

M102

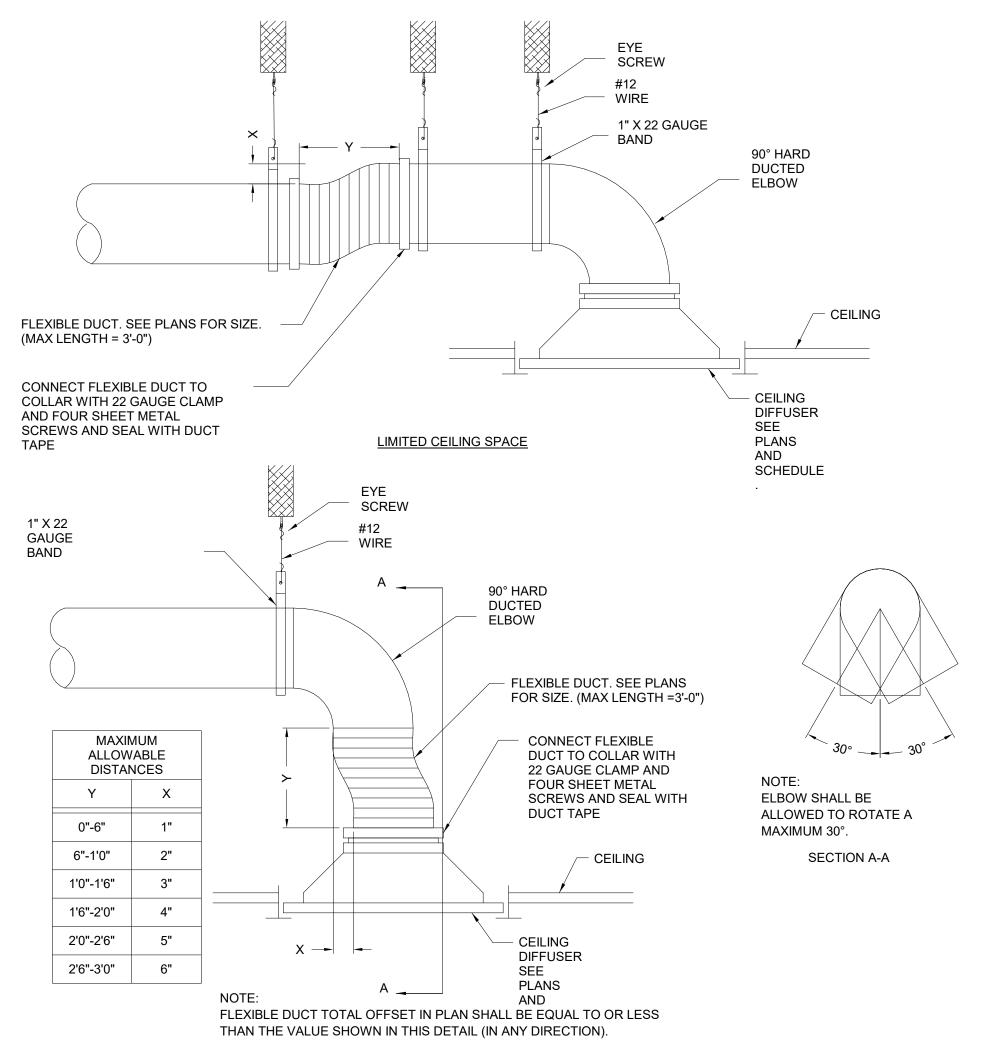
PROJECT STATUS: CONSTRUCTION DOCUMENTS

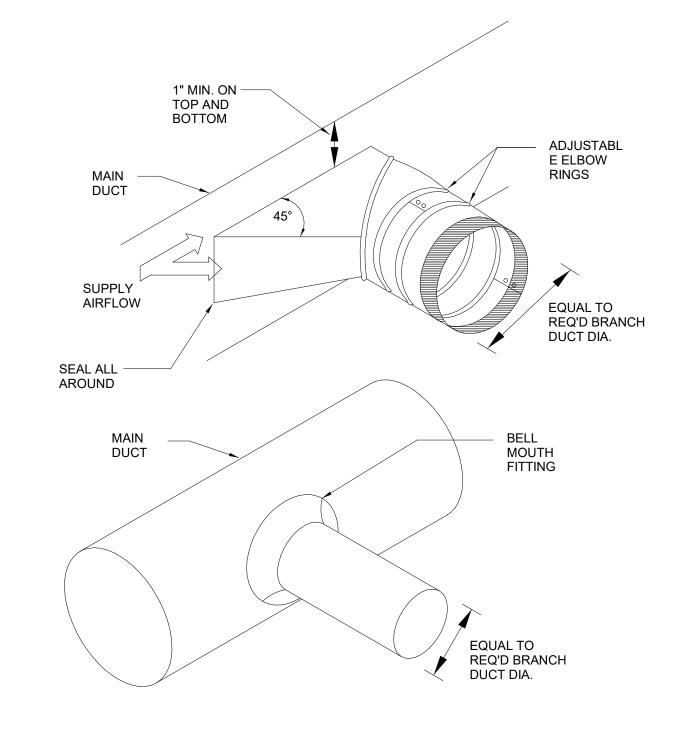


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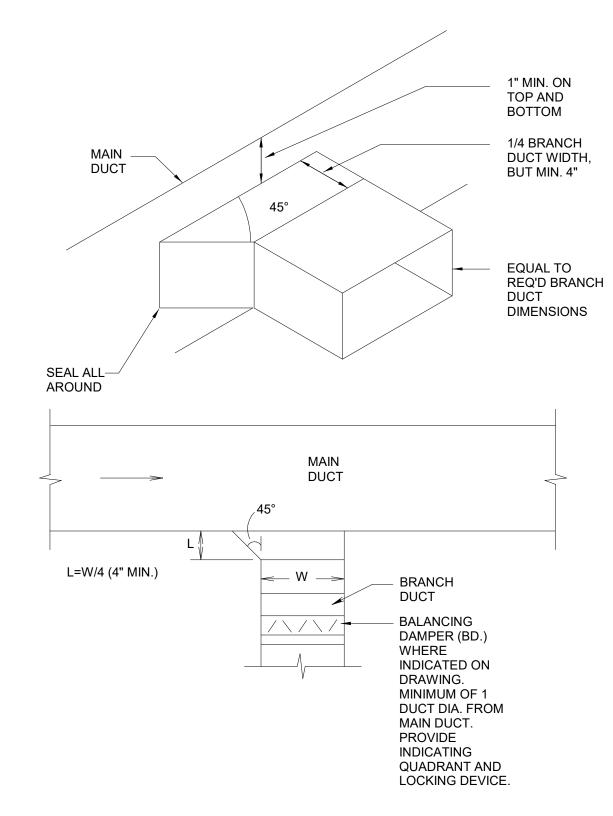
MECHANICAL ROOF PLAN

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

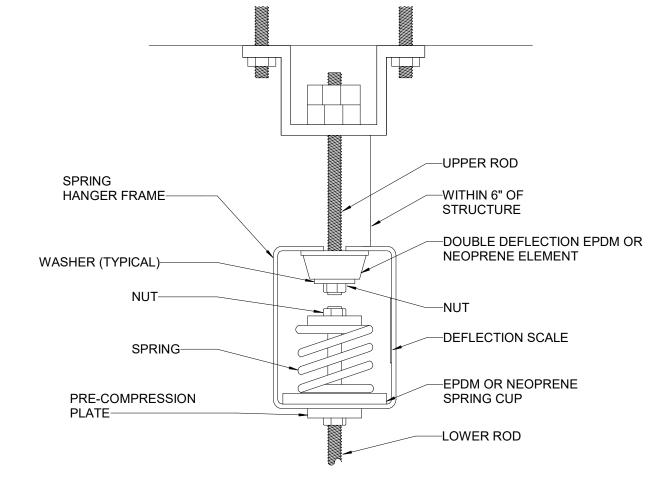




DUCT BRANCH DETAIL



CEILING DIFFUSER DETAIL



NOTES:

- 1. TYPICAL SPRING & NEOPRENE IN SERIES ISOLATOR DETAIL. OTHER TYPES OF VIBRATION ISOLATORS ARE SIMILAR.
- 2. THE SPRING SHALL BE PRE-COMPRESSED SO THAT WHEN PROPERLY INSTALLED AND LOADED, THE SPRING IS ADJUSTED TO THE MID-POINT OF THE DEFLECTION
- 3. REFER TO THE SPECIFICATIONS FOR THE DEFLECTION REQUIREMENTS.

DUCT HANGER DETAIL M301 SCALE: N.T.S.

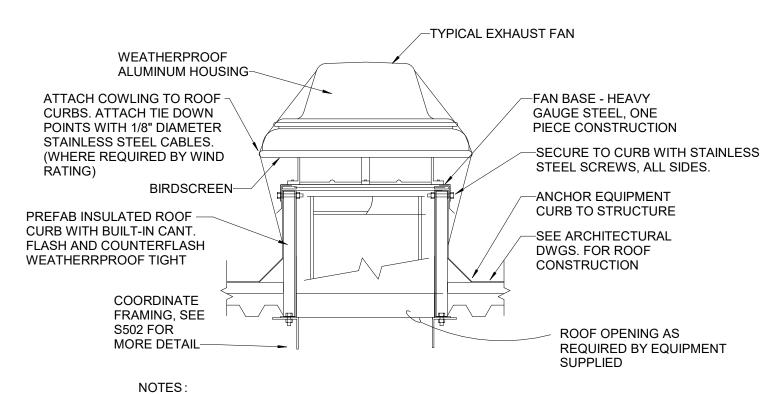
1. MAXIMUM SPACING BETWEEN HANGER LOCATIONS SHALL

BE 8'-0" PER PAIR.

2. REFER TO SMACNA FOR ADDITIONAL REQUIREMENTS.

-HANGER WIRE-





- 1. PROVIDE NEMA 4X STAINLESS STEEL ELECTRICAL DISCONNECT, MOUNTED ON UNIT. RUN CONDUIT FOR ELECTRICAL POWER THROUGH CURB AND INSIDE FAN BASE.
- 2. PROVIDE SELF-ACTING BACKDRAFT DAMPER, SECURED TO ROOF
- 3. PROVIDE TIE-DOWN POINTS AND ATTACH PER MANUFACTURER'S RECOMMENDATIONS.

EXHAUST FAN DETAIL (TYP.)

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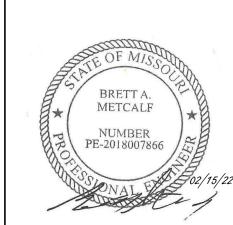
MO LICENSE NOS. 2003019618 * 2003019636

PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081



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REVIEWE	D BY:	

DATE ISSUED:	02/15
REVIEWED BY:	В
DRAWN BY:	В
DESIGNED BY:	В
PROJECT NUMBER:	
5240368028	

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MECHANICAL DETAILS

SHEET ID:

PROJECT STATUS: CONSTRUCTION DOCUMENTS

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M302 SCALE: N.T.S.

 SET INSULATED ROOF CURB ON ROOF STRUCTURE - VERIFY LEVEL. SECURE ROOF CURB
TO ROOF AND ROOF TOP UNIT TO ROOF CURB. 2. TRANSITION TO CONNECTION SIZES IN DUCT RISE, REFER TO PLANS FOR SIZES.

RTU INSTALLATION DETAIL

3. 1" ACOUSTIC LINER IN ENTIRE RETURN DUCTWORK SYSTEM. DUCT SIZES INDICATED ON PLAN ARE FREE AREA DIMENSIONS. REFER TO STRUCTURAL/ARCHITECTURAL DRAWINGS FOR JOIST LOCATIONS, SIZES, AND DIRECTION.

FLEXIBLE CONNECTION - TYPICAL. PVC CONDENSATE DRAIN ROUTED TO NEAREST ROOF DRAIN AND STUB INTO DRAIN, SEE DETAIL FOR ADDITIONAL INFORMATION. SUPPORT WITH COOPER B LINE DURA-BLOK PIPE SUPPORTS.

CLEANOUT-PAN NIPPLE SLOPE AND EXTEND — TOWARD NEAREST **ROOF DRAIN** 1-1/4" PVC CLEANOUT-

CONDENSATE DRAIN TRAP DETAIL M302 SCALE: N.T.S.

—CONNECT 1-1/4" PVC PIPE CONDENSATE DRAIN TO DRAIN

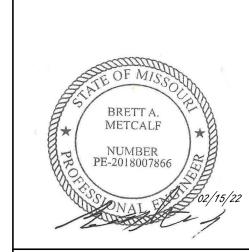
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PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

NEW PRYOR RD. & NW SUMMIT **WOODS XING** LEE'S SUMMIT, MO 64081

WEST PRYOR DEVELOPMENT, LOT



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02/15/22

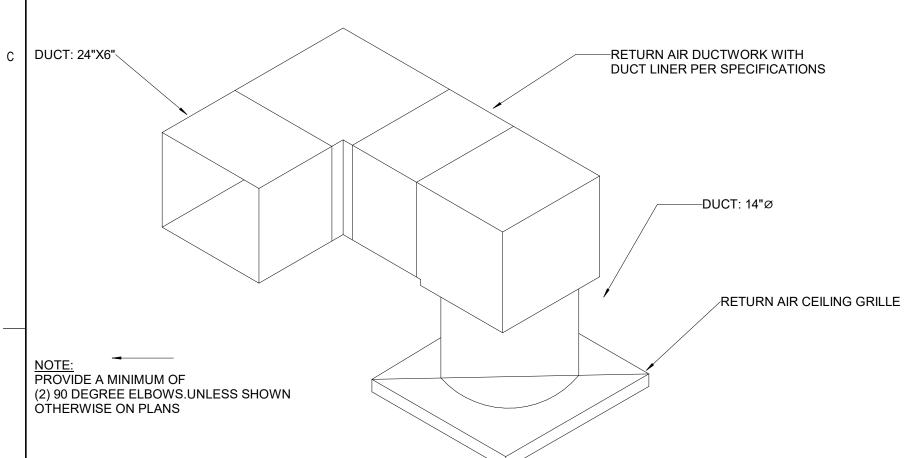
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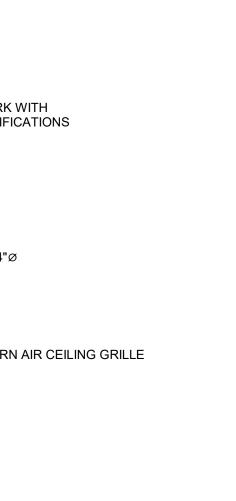
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PROJECT STATUS: CONSTRUCTION DOCUMENTS





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RETURN AIR GRILLE BOOT DETAIL

SCALE: N.T.S.

) (O)		011	(10 1	100	<i>/</i> 1 1 01	O1	411 (1110)	OOIII												
					C	COOLING	G				HEATING			HEATING BLOWER			ELECTRICAL			OPER.					
				РМВН		COIL		. COIL		SEER	INPUT	OUTPUT	EFF		ESP IN		HP	O/A				WEIGHT	1	MODEL	
MARK	SERVES	TON	TOT	SENS	DB °F	WB °F	DB °F	WB °F	OA DB °F	(EER)	MBH	MBH	%	CFM	W.C.	RPM	(BHP)	CFM	V/PH/HZ	MCA	MOCP	(LBS)	MFG	NUMBER	NOTES
RTU-1	LOBBY	5	55.4	37.7	77.3	64.5	51.5	50.7	96	16.1	67	54	81	1405	0.75	1785	(1.4)	315	208/3/60	31	45	768	CARRIER	48GCDM06	1-15
RTU-2	BACK OF HOUSE	4	43.8	42.3	82.3	62.4	53.4	51.2	96	16.1	67	54	81	1440	0.75	1900	(1.1)	200	208/3/60	27	30	723	CARRIER	48GCDM05	1-15
RTU-3	ATM VESTIBULE	3	30.5	30.5	80.7	60.6	56.2	51.3	96	16.1	67	54	81	1200	0.75	1836	(0.44)	50	208/3/60	22	30	681	CARRIER	48GCDM04	1-15

1. EXTERNAL STATIC PRESSURE DOES NOT INCLUDE UNIT OR FILTER LOSSES.

- 2. R-410A REFRIGERANT ONLY.
- 3. FURNISH NON-FUSED DISCONNECT SWITCH WITH EXTERNAL HANDLE FOR INSTALLATION BY ELECTRICAL CONTRACTOR 4. PNC TO PROVIDE 14" HIGH FACTORY INSULATED ROOF CURB.
- 5. PNC TO PROVIDE OUTSIDE AIR INTAKE HOOD.
- 6. PNC TO PROVIDE WITH CONVENIENCE OUTLET AT UNIT.
- 7. PNC TO PROVIDE WITH OUTSIDE AIR ENTHALPY CONTROLLED ECONOMIZER WITH BAROMETRIC RELIEF.
- 8. PNC TO PROVIDE WITH FILTER RACK TO SUPPORT MINIMUM 2" FILTER. MECHANICAL CONTRACTOR TO PROVIDE 2" MERV 13 FILTER UPON SIGNIFICANT COMPLETION OF PROJECT.
- PNC TO PROVIDE WITH FACTORY INSTALLED DEMAND CONTROL VENTILATION.
- 10. PNC TO PROVIDE WITH LOW AMBIENT KIT.
- 11. MECHANICAL CONTRACTOR TO PROVIDE WITH SMOKE DETECTORS IN RETURN DUCTS PER CODE. CONTRACTOR TO OMIT OR DISABLE FACTORY INSTALLED SMOKE DETECTOR.
- 12. MECHANICAL CONTRACTOR TO PROVIDE BURGLAR BARS FOR FIELD INSTALLATION. 13. MECHANICAL CONTRACTOR TO PROVIDE AND INSTALL NEEDLEPOINT BI-POLAR IONIZATION. BI-POLAR IONIZATION SHALL BE UL867 COMPLIANT. PART TO BE ORDERED UPON ACCEPTANCE OF PROJECT TO MEET LONG LEAD
- TIME ON PRODUCT. PROVIDE ATMOSAIR MATTERHORN 1002 OR APPROVED EQUAL. INTERLOCK WITH RTU TO OPERATE ONLY WHEN RTU FAN IS ON. 14. MECHANICAL CONTRACTOR TO PROVIDE PROGRAMMABLE THERMOSTAT WITH SEPARATE SETPOINT TEMPERATURES FOR NORMAL AND SETBACK MODES; THERMOSTAT SHALL ACCEPT REMOTE NORMAL/SETBACK DIGITAL INPUTS, THERMOSTAT SHALL BE HARDWIRED HONEYWELL VISION PRO 8000.
- 15. MECHANICAL CONTRACTOR TO PROVIDE CARBON DIOXIDE SENSOR AS SHOWN ON PLANS. INSTALL AT SAME HEIGHT AS LIGHT SWITCHES AND THERMOSTATS.



COMcheck Software Version 4.1.5.3

Mechanical Compliance Certificate

Project Information

2018 IECC Energy Code:

Project Title: Lees Summit, Missouri

Location:

Climate Zone: Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)

Credits: 1.0 Required 0.0 Proposed

Mechanical Systems List

Quantity System Type & Description

1 RTU-1 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 67 kBtu/h

Proposed Efficiency = 81.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE

Cooling: 1 each - Single Package DX Unit, Capacity = 55 kBtu/h, Air-Cooled Condenser, Air Economizer

Proposed Efficiency = 16.10 SEER, Required Efficiency: 14.00 SEER Fan System: RTU-1 -- Compliance (Motor nameplate HP method): Passes

FAN 1 Supply, Constant Volume, 1405 CFM, 1.4 motor nameplate hp, 0.0 fan efficiency grade

RTU-2 (Single Zone):

Heating: 1 each - Central Furnace, Gas, Capacity = 67 kBtu/h

Proposed Efficiency = 81.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE

Cooling: 1 each - Single Package DX Unit, Capacity = 44 kBtu/h, Air-Cooled Condenser, Air Economizer

Proposed Efficiency = 16.10 SEER, Required Efficiency: 14.00 SEER Fan System: RTU-2 -- Compliance (Motor nameplate HP method): Passes

FAN 2 Supply, Constant Volume, 1440 CFM, 1.1 motor nameplate hp, 0.0 fan efficiency grade

RTU-3 (Single Zone):

Heating: 1 each - Central Furnace, Gas, Capacity = 67 kBtu/h

Proposed Efficiency = 81.00% Et, Required Efficiency: 80.00 % Et or 80% AFUE

Cooling: 1 each - Single Package DX Unit, Capacity = 31 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 16.10 SEER, Required Efficiency: 14.00 SEER

Fan System: RTU-3 -- Compliance (Motor nameplate HP method): Passes

FAN 3 Supply, Constant Volume, 1200 CFM, 0.5 motor nameplate hp, 0.0 fan efficiency grade

EH-1 (Single Zone): Heating: 1 each - Radiant Heater, Electric, Capacity = 4 kBtu/h

No minimum efficiency requirement applies Fan System: None

EWH-1: Electric Storage Water Heater, Capacity: 6 gallons

Proposed Efficiency: 4.80 SL, %/h (if > 12 kW), Required Efficiency: 4.80 SL, %/h (if > 12 kW)

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

BRETT METCALF - MECHANICAL ENGINEER Name - Title

Book News

01/27/2022

GRILLES, REGISTERS, AND DIFFUSERS

MARK	DESCRIPTION		CEILING /	FINISH	PANEL	MATERIAL	NECK	NOTES	
WARK	DESCRIPTION	MFG / MODEL	BORDER	COLOR	SIZE	IVIATERIAL	SIZE	NOTES	
S1	PLAQUE FACE SUPPLY	TITUS / OMNI	LAY-IN / 3	WHITE	24"X24"	STEEL	SEE PLAN	1-5, 9	
S2	PLAQUE FACE SUPPLY	TITUS / OMNI	LAY-IN / 3	WHITE	12"X12"	STEEL	SEE PLAN	1-5, 9	
S3	SIDEWALL SUPPLY	TITUS / 300RS-HD	GYP / -	WHITE	SEE PLAN	STEEL	SEE PLAN	5, 7	
S4	DUCT MOUNTED SUPPLY	TITUS / S300FS	-/-	BLACK	SEE PLAN	ALUMINUM	SEE PLAN	7, 10, 11	
S5	LINEAR BAR GRILLE SUPPLY	TITUS / CT-481	-/-	WHITE	SEE PLAN	STEEL	SEE PLAN	5	
S6	PLAQUE FACE SUPPLY	TITUS / T3SQ-2	LAY-IN / 3	WHITE	24"X24"	STEEL	SEE PLAN	1-5, 9, 12-14	
R1	PLAQUE FACE RETURN	TITUS / OMNI	LAY-IN / 3	WHITE	24"X24"	STEEL	SEE PLAN	1-4, 6	
R2	LINEAR BAR GRILLE RETURN	TITUS / CT-480	-/-	WHITE	SEE PLAN	STEEL	SEE PLAN	8	
R3	LINEAR BAR GRILLE RETURN	TITUS / 300RS	-/-	WHITE	SEE PLAN	STEEL	SEE PLAN	8	
R4	PLAQUE FACE RETURN	TITUS / OMNI	LAY-IN / 3	WHITE	12"X12"	STEEL	SEE PLAN	1-4, 6	
E1	PLAQUE FACE EXHAUST	TITUS / OMNI	LAY-IN / 3	WHITE	12"X12"	STEEL	SEE PLAN	1-3, 5	
E2	SIDEWALL EXHAUST	TITUS / 355ZRL	GYP / 1	WHITE	SEE PLAN	STEEL	SEE PLAN	8	

- PROVIDE "RAPID MOUNT" FRAMES BORDER FOR GYPSUM BOARD CEILINGS OR LAY-IN FRAME WHERE REQUIRED. SEE ARCH CEILING PLANS. PLASTER FRAMES SHALL BE FACTORY PRIMED FOR FIELD PAINTING.
- CONFIRM FINISH WITH ARCHITECT AND PNC STANDARDS.
- 3. PROVIDE MOUNTING CLIPS.
- 4. PROVIDE MOLDED INSULATED BLANKET OR INSULATE THE BACKSIDE OF DIFFUSER PAN FOR SUPPLY APPLICATIONS. . DUCT-MOUNTED VOLUME DAMPERS SHALL BE PROVIDED AT TAKE-OFF.
- PROVIDE WITH SQUARE TO ROUND ADAPTER WHERE APPLICABLE.
- PROVIDE REGISTER WITH DOUBLE DEFLECTION.
- 8. PROVIDE REGISTER WITH 0 DEG DEFLECTION. 9. CORE TO BE 1/2"x1/2"x1" ALUMINUM GRID.
- 10. CONFIRM FINISH COLOR WITH ARCHITECT. COLOR TO MATCH DUCTWORK.
- 11. PROVIDE AIR SCOOP DEVICE FOR AIR VOLUME ADJUSTMENT.
- 12. PROVIDE POWER MODULE AND WIRING AS REQUIRED BY THE MFG.
- 13. PROVIDE CONTROLLER/THERMOSTAT FOR EACH PRIMARY DIFFUSER AS SHOWN ON PLAN. 14. PROVIDE WITH PRESSURE RELIEF RING.

EXHAUST FAN SCHEDULE

			FAN			ELECTRICAL						
MARK	MARK SERVICE / TYPE	AREA SERVED	CFM	ESP [in WG]	RPM	HP (W)	V/PH/HZ	MAX SONES	WEIGHT [LBS]	MANUFACTURER/MODEL	NOTES	
EF-01	EXHAUST / ROOF	RESTROOM / JANITOR	200	0.2	1500	1/15	115/1/60	8.7	25	GREENHECK G-070-VG	1-6	
EF-02	EXHAUST / INLINE	IT	300	0.3	1510	1/10	115/1/60	6.9	41	GREENHECK SQ-80-VG	1. 3. 4. 7-9	

NOTES:

- 1. PROVIDE 14" TALL FACTORY INSULATED ROOF CURB WITH INTEGRAL GRAVITY BACKDRAFT DAMPER. 2. PROVIDE ANTI-BLOWING RAIN INTERNAL WIND BAND AND NEMA 3R EXTERNAL TYPE DISCONNECT SWITCH.
- PROVIDE NEMA-1 DISCONNECT SWITCH.
- 4. PROVIDE WITH FAN SPEED CONTROLLER. 5. PROVIDE BIRD SCREEN.
- 6. FAN SHALL RUN CONTINUOUSLY DURING OCCUPIED HOURS VIA LUTRON PANEL.
- 7. FAN SHALL TO BE RUN BASED ON THERMOSTAT SET AT 80 DEGREES. THERMOSTAT SHALL BE BARBER COLMAN TC-1161. PROVIDED BY MECHANICAL CONTRACTOR.
- 8. PROVIDE BACKDRAFT DAMPER. 9. PROVIDE VIBRATION ISOLATION HANGER KIT. REFER TO INLINE FAN DETAIL

FANS SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR.

RADIANT COVE HEATER SCHEDULE

MARK	SERVICE	QUANTITY	LENGTH [IN]	WATTAGE	V/PH/A	MANUFACTURER - MODEL	NOTES
EH-1	VESTIBULE	1	94	1200	208 / 1 / 7.2	QMARK - RCC12008C	1-2

NOTES:

- 1. PROVIDE WITH INTEGRAL THERMOSTAT, NEMA 1 ENCLOSURE PANEL, AND MOUNTING BRACKETS.
- 2. PROVIDE MODEL WITH DOVE GRAY COLORING.

CARRIER NATIONAL ACCOUNTS HVAC EQUIPMENT PACKAGE. PNC BANK HAS A NATIONAL HVAC AGREEMENT WITH CARRIER NATIONAL ACCOUNTS. THE HVAC EQUIPMENT SHALL BE PURCHASED BY PNC BANK OR DESIGNATED PNC BANK REPRESENTATIVE AS DIRECTED. ALL EQUIPMENT SHALL BE PURCHASED DIRECTLY FROM CARRIER NATIONAL ACCOUNTS - NO EXCEPTIONS. FOR PRICE QUOTES, PROJECT SUBMITTALS, AND QUESTIONS REGARDING TECHNICAL SPECIFICATIONS CONTACT CARRIER NATIONAL ACCOUNTS, RIANNE PARKER AT 315-432-6224 OR EMAIL: NATIONALACCOUNTS@CARRIER.COM.

CONSTRUCTION

RS&H, Inc. **4582 S ULSTER STREET SUITE 1100, DENVER, CO 80237** 303-409-9700 FAX 303-409-9701

www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636

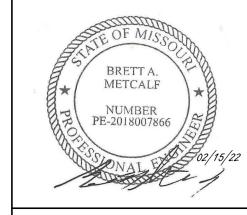


PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED: 02/15/22 REVIEWED BY: DRAWN BY: **DESIGNED BY:** PROJECT NUMBER: 5240368028

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SHEET TITLE:

MECHANICAL SCHEDULES

SHEET ID:

Zone Name and Number	Occupancy Category	Zone Floor Area Az (sq ft)	Are you using default value for zone population?	Zone Population Pz (people)	Zone Air Distribution Effectiveness	Zone Outdoor Airflow Voz (cfm)	Zone Discharge Airflow Vdz (cfm)	Zone Primary Airflow Vpz (cfm)	Zone Secondary Recirculation Fraction	Zone Primary Air Fraction
103 Waiting	Lobbies	305	No	4.00	0.80	62.24	155	155	0.75	1.00
104 Chat Lounge	Lobbies	299		4.00	0.80	61.65	155	155	0.75	
105 Gathering Area	Lobbies	133	No	4.00	0.80	45.46	200	200	0.75	1.00
109 Flex	Office space	95	No	3.00	0.80	33.64	90	90	0.75	1.00
112 Elec/IT	Electrical equipment rooms	67	Yes	0.00	0.80	6.53	250	250	0.75	1.00
113 Corridor	Common corridors	140	Yes	0.00	0.80	13.65	50	50	0.75	1.00
117 Hub	Office space	89	No	4.00	0.80	41.18	140	140	0.75	1.00
118 Work Room	Office space	140	No	1.00	0.80	21.78	210	210	0.75	1.00
119 Storage	Storage rooms	58	Yes	0.00	0.80	11.30	50	50	0.75	1.00

System area	As	(sq ft)	1,326
System population	Ps	(people)	20.00
Sum of zone population	sum of Pz	(people)	20.00
Occupant diversity	D		1.00
Uncorrected outdoor air intake	Vou	(cfm)	237.95
System primary airflow (at condition analyzed)	*Vps	(cfm)	1,400
Average outdoor air fraction	Xs		0.16

Which method from ASHRAE 62.1 is being used (Ev)?	Appendix A		
Ventilation efficiency	Ev		0.76
Outdoor air intake flow (30% above 62.1 require	me Vot	(cfm)	313
Outdoor air intake flow provided (measured or de	esign)	(cfm)	315

System name and number	RTU-2
Condition analyzed (impacts Ez, Vdz, Vpz and Vps)	Heating
All zones are included in the VRP calculation	Yes

Delete Rows

Delete Rows

Add Rows

Zone Name and Number	Occupancy Category	Zone Floor Area Az (sq ft)	Are you using default value for zone population?	Zone Population Pz (people)	Zone Air Distribution Effectiveness	Zone Outdoor Airflow Voz (cfm)	Zone Discharge Airflow Vdz (cfm)	Zone Primary Airflow <i>Vpz</i> (cfm)	Zone Secondary Recirculation Fraction	Zone Primary Air Fraction Ep
						Vbz / Ez				Vpz/Vdz
106 Collaboration	Office space	115	No	4.00	0.80	43.71	230	230	0.75	1.0
107 Conference	Conference / meeting	172	No	6.00	0.80	65.51	500	500	0.75	1.0
108 Breakout Room	Office space	100	No	3.00	0.80	34.13	215	215	0.75	1.0
110 Break room	Break rooms (general)	148	No	4.00	0.80	46.93	325	325	0.75	1.0
111 Offstage	Office space	53	No	1.00	0.80	13.29	50	50	0.75	1.0

System area	As	(sq ft)	588
System population	*Ps	(people)	18.00
Sum of zone population	sum of Pz	(people)	18.00
Occupant diversity	D		1.00
Uncorrected outdoor air intake	Vou	(cfm)	162.86
System primary airflow (at condition analyzed)	₹ Vps	(cfm)	1,320
Average outdoor air fraction	Xs		0.12

Which method from ASHRAE 62.1 is bein (Ev)?	Appendix A		
Ventilation efficiency	Ev		0.85
Outdoor air intake flow (30% above 62.1	192		
Outdoor air intake flow provided (measur	red or design)	(cfm)	200

System Name and Number	Condition Analyzed (impacts Ez)	Occupancy Category	Zone Floor Area Az (sq ft)	Are you using default value for zone population?	Zone Population Pz people	Zone Air Distribution Effectiveness	Zone Outdoor Airflow Voz (cfm)	Outdoor air intake flow provided (measured or design) (cfm)
RTU-3	Heating	Lobbies	182	No	0.00	0.80	18	50

RELEASED FOR
CONSTRUCTION
As Noted on Plans Review

RS&H, Inc. 4582 S ULSTER STREET SUITE 1100, DENVER, CO 80237 303-409-9700 FAX 303-409-9701

www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636



PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS:
LEE'S SUMMIT, MO
WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE
NU.	DESCRIPTION	DATE

DATE ISSUED:	02/15/2
REVIEWED BY:	Checke
DRAWN BY:	Autho
DESIGNED BY:	Designe
PROJECT NUMBER:	
5240368028	
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SHEET TITLE:

MECHANICAL SCHEDULES

SHEET ID:

- 1. ALL WORK SHALL COMPLY WITH THE CURRENT INTERNATIONAL BUILDING, PLUMBING AND MECHANICAL CODES, AS WELL AS ANY OTHER AUTHORITY HAVING JURISDICTION.
- COORDINATE PLUMBING WORK WITH THAT OF OTHER TRADES IN ORDER TO AVOID INTERFERENCE AND MAINTAIN CLEARANCES. INDICATE ACCESS AREA REQUIRED ON COORDINATED SHOP DRAWINGS FOR MECHANICAL EQUIPMENT ROOMS.
- 3. FURNISH APPROVED OPERATING INSTRUCTIONS FOR SYSTEMS AND EQUIPMENT. THE OPERATING INSTRUCTIONS SHALL INCLUDE WIRING DIAGRAMS, CONTROL SCHEMATICS, AND PROGRAMMING INSTRUCTIONS FOR EACH SYSTEM. PRINT OR ENGRAVE OPERATING INSTRUCTIONS AND FRAME UNDER GLASS OR IN APPROVED LAMINATED PLASTIC. POST INSTRUCTIONS WHERE DIRECTED. INSTRUCTIONS SHALL INCLUDE START-UP, OPERATING, SHUTDOWN, SAFETY PRECAUTIONS AND PROCEDURE IN THE EVENT OF EQUIPMENT FAILURE.
- 4. WHERE INSTALLATION PROCEDURES OR ANY PART THEREOF ARE REQUIRED TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. FURNISH PRINTED COPIES OF THE RECOMMENDATIONS PRIOR TO INSTALLATION.
- 5. ALL EQUIPMENT AND MATERIALS PROVIDED FOR THIS PROJECT SHALL BE NEW AND FREE FROM DEFECTS.
- 6. PROVIDE PERMANENT IDENTIFICATION PLATES FOR ALL EQUIPMENT AND PLASTIC PIPE MARKERS ON ALL PIPING SYSTEMS. PROVIDE VALVE TAGS FOR ALL VALVES. DUCTWORK JACKETS AND SIMILAR FINISHES MAY BE IDENTIFIED WITH STENCIL PAINTING.
- 7. PROVIDE SLEEVES FOR ALL PIPING PENETRATIONS. PLACE SLEEVES PRIOR TO COMPLETION OF WALL OR FLOOR CONSTRUCTION WHERE POSSIBLE.
- 8. ALL PENETRATIONS AND OPENINGS IN FIRE-RATED WALLS OR OTHER CONSTRUCTION SHALL BE CLOSED AND SEALED WITH AN APPROVED FIRESTOPPING MATERIAL IN ACCORDANCE WITH UL FIRE RESISTANCE DIRECTORY DETAILS AND PRODUCT MANUFACTURER'S INSTRUCTIONS.
- 9. SELECT AND INSTALL PIPE SUPPORTS AND ANCHORS IN ACCORDANCE WITH MSS SP 58 AND SP 69. PROVIDE SINGLE OR MULTIPLE HANGERS AS APPROPRIATE. PROVIDE HANGERS WITH ADJUSTABLE MEANS FOR CONTROLLING THE LEVEL OR SLOPE OF PIPES.
- 10. INSULATE ALL POTABLE COLD WATER PIPING. INSULATE ALL POTABLE HOT WATER PIPING.
- 11. ALL PIPE INSULATION WITHIN THE BUILDING SHALL BE ASTM C547, CLASS 1 PREFORMED FIBERGLASS PIPE INSULATION WITH AN ALL-SERVICE VAPOR-BARRIER JACKET. 1/2-INCH THICK FOR PIPE SIZES UP TO AND INCLUDING 1-1/4 INCHES, 1-INCH THICK FOR PIPE SIZES 1-1/2 AND 2 INCHES. MAXIMUM FLAME-SPREAD/ SMOKE-DEVELOPED RATINGS SHALL BE 25/50 WHEN TESTED IN ACCORDANCE WITH ASTM E-84. ASTM C534, TYPE I FLEXIBLE UNICELLULAR INSULATION, 3/4-INCH THICK, MAY BE USED IN EXTERIOR LOCATIONS ONLY. PROVIDE A UV-RESISTANT COATING OR JACKET ON ALL EXTERIOR INSULATION.
- 12. DOMESTIC WATER PIPING SHALL BE HARD COPPER TUBING, ASTM B88, TYPE L WATER TUBE, DRAWN TEMPER, WITH ASME B16.22 WROUGHT-COPPER, SOLDER-JOINT PRESSURE FITTINGS.
- 13. ABOVE-GRADE SANITARY AND STORM PIPE AND FITTINGS SHALL BE HUBLESS CAST IRON CONFORMING TO CISPI 301. COUPLINGS SHALL BE CISPI 310, HAVING ASTM C564 NEOPRENE SEALING SLEEVE, WITH 300 SERIES STAINLESS-STEEL CORRUGATED SHIELD-AND-CLAMP ASSEMBLY.
- 14. ALL PIPING SHALL BE INSTALLED PLUMB AND PARALLEL TO BUILDING LINES, AND SUPPORTED IN ACCORDANCE WITH GENERAL REQUIREMENTS SPECIFIED ABOVE.
- 15. TEST FOR LEAKS AND DEFECTS IN DOMESTIC WATER SYSTEMS. REPAIR LEAKS AND DEFECTS WITH NEW MATERIALS AND RETEST SYSTEM OR PORTION THEREOF UNTIL SATISFACTORY RESULTS ARE OBTAINED. PREPARE REPORTS FOR TESTS AND REQUIRED CORRECTIVE ACTION. PERFORM PRESSURE TESTS PRIOR TO MAKING EQUIPMENT AND FIXTURE CONNECTIONS.
- 16. BALL VALVES SHALL BE MSS SP-110, BRONZE, 2-PIECE BODY, FULL PORT.
- 17. WATER HAMMER ARRESTERS SHALL BE ASME A112.26.1M, ASSE 1010, OR PDI WH-201, BELLOWS TYPE WITH PRESSURIZED CUSHIONING CHAMBER.
- 18. COPPER UNIONS SHALL BE ASME B16.18 CAST-COPPER-ALLOY BODY, HEXAGONAL STOCK, WITH BALL-AND-SOCKET JOINT, METAL-TO-METAL SEATING SURFACES, AND SOLDER-JOINT, THREADED, OR SOLDER-JOINT AND THREADED ENDS.
- 19. TRAP SEAL PRIMER VALVES SHALL BE ASSE 1018, 20-80-PSIG WORKING PRESSURE.
- 20. CLEANOUTS IN FINISHED ROOMS FLUSH WITH WALL SHALL BE SMITH 4530 SERIES OR EQUAL.
- 21. REFER TO PLUMBING SCHEDULES FOR FIXTURE AND EQUIPMENT REQUIREMENTS. MANUFACTURERS AND MODELS ESTABLISH STANDARDS FOR FIXTURE QUALITY. EQUIVALENT FIXTURES AND EQUIPMENT BY OTHER MANUFACTURERS MAY BE SUBMITTED FOR APPROVAL. INSTALL FIXTURES AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- 22. ALL EQUIPMENT AND MATERIALS WITHIN THE PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPMENT INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- 23. COORDINATE ALL CORE DRILLING AND CONSTRUCTION BELOW SLAB WITH OWNER.
- 24. CONTRACTOR SHALL VERIFY EXISTING POINTS OF CONNECTION FOR DOMESTIC WATER, WASTE, AND VENTS.
- 25. INSULATE COMPLETE WATER SUPPLIES AND P-TRAPS TO HANDICAPPED LAVATORIES WITH MOLDED AND JACKETED ASSEMBLIES WHICH PROVIDE ACCESS FOR ANGLE STOPS.
- 26. UNDERGROUND SANITARY AND STORM PIPING SHALL BE PVC DRAINAGE DRAINAGE PIPING, ASTM D2665, SCHEDULE 40, PLAIN ENDS, WITH SCHEDUE-80, ASTM D2665 FITTINGS, MADE TO ASTM D3311 SOCKET-TYPE DRAIN, WASTE, AND VENT PIPE PATTERNS. TRANSITION TO ABOVE GROUND PIPINGS SHALL OCCUR MAX 4" ABOVE SLAB.

CODES AND STANDARDS

THE FOLLOWING CODES, INCLUDING LOCAL AMENDMENTS ADOPTED BY THE CITY OF LEE'S SUMMIT, MISSOURI APPLY TO THIS PROJECT:

2018 INTERNATIONAL BUILDING CODE AND LOCAL AMENDMENTS
2017 NATIONAL ELECTRICAL CODE AND LCOAL AMMENDMENTS
2018 INTERNATIONAL FIRE CODE AND LOCAL AMENDMENTS
2018 INTERNATIONAL FUEL GAS CODE AND LOCAL AMENDMENTS

2018 INTERNATIONAL PLUMBING CODE AND LOCAL AMENDMENTS
2018 INTERNATIONAL ENERGY CONSERVATION CODE AND LOCAL AMENDMENTS
STATE OF MO ACCESSIBILITY STANDARDS

2018 INTERNATIONAL FIRE CODE AND LOCAL AMENDMENTS
2018 INTERNATIONAL FUEL GAS CODE AND LOCAL AMENDMENTS
2018 INTERNATIONAL MECHANICAL CODE AND LOCAL AMENDMENTS
2018 INTERNATIONAL PLUMBING CODE AND LOCAL AMENDMENTS

PLUMBING EQUIPMENT SCHEDULE

MARK	BASIS OF DESIGN	DESCRIPTION / ACCESSORIES			LINE S	1
			W	V	CW	Н١
W1	MANSFIELD #QUANTUMONE 148-153	WHITE, ELONGATED BOWL, VITREOUS CHINA, FLOOR MOUNTED, ADA COMPLIANT, PRESSURE ASSISTED 1.0 GPF TANK TOILET WITH FLUSH OPERATOR FACING OPEN SIDE OF ROOM; CHURCH #9500SSCT SOLID PLASTIC OPEN FRONT SEAT WITH SELF-SUSTAINING CHECK HINGE WITH STAINLESS STEEL POSTS. MCGUIRE #LFBV2165 WITH QUARTER TURN KEY CHROME PLATED BRASS ANGLE STOP.	4"	2"	1/2"	
L1	AMERICAN STANDARD #0356.115	20-1/2" x 18-1/4" WHITE, VITREOUS CHINA, WALL-MOUNTED LAVATORY; SLOAN #EAF-100-HLT-CP-0.35GPM-MLM-IR-IQ-FCT, CHROME, HARDWIRED FAUCET. PROVIDE WITH SLOAN #EAF-70 TRANSFORMER FOR ELECTRICAL CONNECTION. COORDINATE INSTALLATION OF BOX WITH ELECTRICAL CONTRACTOR. BOX TO BE INSTALLED HIGH UP UNDER SINK TO BE CONCEALED BUT FREE OF PIPING INTERFERENCES. PROVIDE WITH ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE; MCGUIRE #155WC 1-1/4" CHROME PLATED BRASS GRID STRAINER WITH OFFSET TAILPIECE; ZURN #Z1021 WATER SAVER P-TRAP; MCGUIRE #8872 1-1/4" 17 GAUGE CHROME PLATED BRASS P-TRAP; MCGUIRE #LFBV2165 WITH QUARTER TURN KEY CHROME PLATED BRASS ANGLE STOP; TRUEBRO #103 E-Z PROTECTIVE PIPE COVER KIT. MOUNT LAVATORY AT HANDICAPPED HEIGHT WITH J.R. SMITH #0710 FLOOR MOUNTED LAVATORY SUPPORT WITH CONCEALED ARMS.	1-1/2"	1-1/2"	1/2"	1/2
S1	ELKAY #LRAD-1919-65	19" x 19" x 6-1/2" DEEP, SINGLE COMPARTMENT, STAINLESS STEEL COUNTERTOP SINK WITH THREE HOLE CONFIGURATION; SLOAN #EBF-775-8-TEE-CP-0.5GPM-LAM-IR-F*BT-FCT POLISHED CHROME PLATED BRASS, SENSOR OPERATED, HARDWIRED, LEAD FREE FAUCET WITH GOOSENECK STYLE SPOUT, 0.5GM; PROVIDE WITH SLOAN #EAF-70 TRANSFORMER FOR ELECTRICAL CONNECTION. COORDINATE INSTALLATION OF BOX WITH ELECTRICAL CONTRACTOR. BOX TO BE INSTALLED HIGH UP UNDER SINK TO BE CONCEALED BUT FREE OF PIPING INTERFERENCES. PROVIDE WITH ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE; ELKAY #LK18B CHROME PLATED BRASS STRAINER; MCGUIRE #LFBV2165 WITH QUARTER TURN KEY CHROME PLATED BRASS ANGLE STOP; TRUEBRO MODEL #102 E-Z AND #EX100 E-Z PROTECTIVE PIPE COVER KITS.	1-1/2"	1-1/2"	1/2"	1/
WB1	GUY GRAY #SSMIB1AB	MINI STAINLESS STEEL WALL BOX FOR REFRIGERATOR WATER SUPPLY; BRASS PLATED, QUARTER TURN, LEAD FREE VALVE WITH 1/2" SWEAT CONNECTION.	-	-	1/2"	
FD1	ZURN #Z415B	FLOOR DRAIN WITH CAST IRON BODY, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR, 5" ADJUSTABLE POLISHED NICKEL BRONZE STRAINER, SEDIMENT BUCKET, AND SEEPAGE OPENINGS. PROVIDE WITH DEEP SEAL P-TRAP AND SURE SEAL #SS3009V WATERLESS INLINE 3" DRAIN TRAP SEAL.	3"	2"	-	-
EWH1	A.O. SMITH #EJC-6	ELECTRIC WATER HEATER; 6 GALLON STORAGE CAPACITY WITH (1) 1.5 KW ELEMENT; 208 VOLTS, 1 PHASE; EXPANSION TANK: AMTROL MODEL #ST SERIES TANK INLINE TYPE; 115V/1PHASE RECIRCULATION PUMP: TACO MODEL #007; DIGITAL TIMER: TACO MODEL #265-3; AQUASTAT: TACO MODEL #563-2. MOUNT WATER HEATER ON PRE-MANUFACTURERED WALL-MOUNTED WATER HEATER PLATFORM (HOLDRITE QUICK STAND #30-SWHP-WM). REFER TO DETAIL 1/P301.	-	-	3/4" IN	3/ Ol
J1	STERN WILLIAMS #ELFIN	24"X24"X10" DEEP MOLDED STONE MOP SERVICE BASIN; ZURN #Z843M1-XL CHROME PLATED BRASS SERVICE FAUCET WITH INTEGRAL STOPS, VACUUM BREAKER, 3/4" THREADED HOSE OUTLET, PAIL HOOK, AND ADJUSTABLE WALL BRACE; FIAT #832-AA HOSE AND HOSE BRACKET; FIAT #889-CC MOP HANGER; FIAT #MSG-2424 STAINLESS STEEL WALL GUARD.	3"	2"	1/2"	1/
BFP1	WATTS MODEL #009QT	LEAD FREE, SILICON BRONZE, REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH (2) QUARTER-TURN BALL VALVES (SIZE EQUAL TO LINE SIZE). DRAIN RELIEF VALVE TO JANITORS SINK. MOUNT AT 44"AFF.	-	-	-	-
DF1	ELKAY EZH20 #EZOOTL8WSLK	BARRIER FREE, WALL MOUNTED, HANDS-FREE BOTTLE FILLING STATION AND BI-LEVEL (HANDICAPPED AND STANDARD HEIGHTS), FILTERED, VANDAL RESISTANT, STAINLESS STEEL ELECTRIC WATER COOLER WITH FRONT AND SIDE BUBBLER; 8 GPH, PROVIDE WITH 1-1/4" P-TRAPS; MCGUIRE #LFBV2165 WITH QUARTER TURN KEY CHROME PLATED BRASS ANGLE STOP. 115V/60HZ, 6 FLA, 370 WATTS. PROVIDE WITH IN WALL CARRIER KIT ELKAY #MLP200. ALTERNATE MODEL ELKAY #EZSTL8WSLK IF LEAD TIME ISSUES EXIST FOR LISTED MODEL.	2"	2"	1/2"	
RD	JR SMITH #1340-CL-AD	CANOPY ROOF DRAIN WITH ADJUSTABLE EXTENSION, CAST IRON BODY, SECONDARY FLASHING CLAMP TO ACCOMMODATE MINIMUM 2" ROOF INSULATION. PROVIDE WITH UNDERDECK CLAMP, SUMP RECEIVER, AND CAST IRON DOME. COORDINATE WITH ROOF INSULATION BEFORE ORDERING AND ADJUST AS REQUIRED WITH ADDITIONAL EXTENSION AND FLASHING CLAMPS), SIZE PER PLANS. PROVIDE 90° ELBOW CONFIGURATION FOR CANOPY INSTALLATIONS.	-	-	-	
DN	ZURN #Z199	DOWNSPOUT NOZZLE WITH NICKEL BRONZE BODY, DECORATIVE FACE OFF WALL FLANGE, AND BIRD SCREEN. SIZE PER PLANS.	-	-	-	
WH	WOODFORD #B65	AUTOMATIC DRAINING, FREEZELESS, WALL HYDRANT WITH SINGLE CHECK HOSE CONNECTION ANTI-SIPHON VACUUM BREAKER, TEE KEY, HARDENED STAINLESS STEEL STEM, AND CHROME BOX AND DOOR.	3/4"	-	-	
RH	WOODFORD #RHY1-MS	FREEZELESS ROOF HYDRANT WITH MOUNTING SYSTEM; BRASS NOZZLE WITH HOSE CONNECTION, 100 PSI MAX WORKING PRESSURE, AND 1/8" NPT DRAIN HOLE; CAST IRON HYDRANT SUPPORT AND UNDER DECK FLANGE, WELL SEAL, AND EPDM BOOT.	1/8"	-	1"	

- CONNECTION SIZES THAT ARE SHOWN ARE MINIMUM.
 NO FLEXIBLE PIPING IS PERMITTED FOR ANY PLUMBING FIXTURE. NO EXCEPTIONS.
- 3. CONFIRM LEAD TIMES DO NOT CONFLICT WITH PROJECT SCHEDULE.

	WATER HAMMER ARRESTER SCHEDULE						
MARK	P.D.I. RATING	FIXTURE UNITS CAPACITY	MINIMUM PIPE SIZE	PCN/FIG. NO.	NOTES		
<u>WA</u>	Α	1 - 11	3/4"	5005	1,2,3		
<u>WB</u>	В	12 - 32	1"	5010	1,2,3		
WC	С	33 - 60	1"	5020	1,2,3		
WD	D	61 - 113	1"	5030	1,2,3		
<u>WE</u>	E	114 - 154	1"	5040	1,2,3		
<u>WF</u>	F	155 - 330	1"	5050	1,2,3		

1. PROVIDE ARRESTERS ETC., AS NOTED HEREIN AND PER STANDARD PDI WH201 AT EACH FIXTURE GROUP AND INDIVIDUAL FIXTURE. ARRESTERS SHALL BE AS MANUFACTURED BY JAY R. SMITH, OR APPROVED EQUAL. INSTALL ARRESTERS WHERE SHOWN, IF INDICATED. ARRESTERS MAY NOT BE GRAPHICALLY INDICATED. INSTALL ARRESTERS, ETC., CONCEALED BEHIND WALLS UNLESS OTHERWISE

2. ARRESTERS SHALL BE STAINLESS STEEL BELLOWS TYPE CERTIFIED UNDER STANDARDS PDI-WH201 & ASSE-1010, SUPERSEDING SPECIFICATIONS; PISTON TYPE ARRESTERS ARE UNACCEPTABLE. ARRESTERS SHALL BE CONSTRUCTED ENTIRELY OF STAINLESS STEEL AND BE PRECHARGED AND PERMANENTLY SEALED AT THE FACTORY.

3. PROVIDE BALL VALVE (<u>BV</u>) BETWEEN SUPPLY PIPE & ARRESTER. ARRESTERS AND <u>BV</u> SHALL BE ACCESSIBLE. PROVIDE <u>AP</u> WHERE REQUIRED TO ACHIEVE ACCESS. ACCESS PANELS SHALL BE AS MANUFACTURED BY MIFAB OR APPROVED EQUAL, SERIES CAD-DW, CAD-PL OR MPFR FOR WALLS OR CEILINGS WITH 5/8" RECESSED FACE TO BE FILLED WITH TILE, DRYWALL, ETC., TO MATCH SURROUNDING SURFACE FINISHES. PROVIDE FIRE RATED ACCESS DOORS IN FIRE RATED CONSTRUCTION, REFER TO ARCHITECTURAL AND LIFE SAFETY PLANS FOR FIRE RATINGS OF WALLS, CEILINGS AND FLOORS. INSTALL WATER HAMMER ARRESTERS AND ASSOCIATED TRIM IN UPRIGHT VERTICAL POSITION IN STRICT ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND THE INTERNATIONAL PLUMBING CODE, 2018 EDITION. EXPOSED PIPING BELOW LAVATORIES AND IN FINISHED SPACES SHALL BE CHROMIUM PLATED OR STAINLESS STEEL TUBING.

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	S OR W	SANITARY OR WASTE PIPING
	V	SANITARY OR WASTE VENT PIPING
	ST	STORM PIPING
	CW	DOMESTIC COLD WATER PIPING
	. HW	DOMESTIC HOT WATER PIPING (115° F NOMINAL)
	HWR	DOMESTIC HOT WATER RETURN PIPING (115° F NOMINAL)
——————————————————————————————————————	<u>BV</u>	BRONZE FULL PORT, TWO PIECE BALL VALVE, THREADED WITH UNION
P	<u>WHA</u>	WATER HAMMER ARRESTER - BELLOWS TYPE (LAST LETTER INDICATES PDI RATING)
		ELBOW, PLAN VIEW (90°)
×+		ELBOW, PLAN VIEW (45°)
——————— 1 0)	ELBOW, TURNING DOWNWARD, PLAN VIEW
)	ELBOW, TURNING UPWARD, PLAN VIEW
+0+		BRANCH TEE OUT OF TOP OF PIPING, PLAN VIEW
I		BRANCH TEE OUT OF BOTTOM OF PIPING, PLAN VIEW
		BRANCH TEE OUT OF SIDE OF PIPING, PLAN VIEW
		DRAINAGE WYE, PLAN VIEW
		DRAINAGE COMBINATION WYE AND ONE-EIGHTH BEND, PLAN VIEW
	<u>FCO</u>	CAST IRON FLOOR CLEANOUT, BRONZE PLUG, ROUND NICKEL BRONZE TOP
—ОН О R —СН	<u>WCO</u>	CAST IRON WALL CLEANOUT TEE, BRONZE PLUG, WITH CHROME PLATED BRONZE FRAME & ACCESS COVER
	<u>VTR</u>	VENT THRU ROOF, STONEMAN VANDALPROOFVENT FLASHING ASSEMBLY WITH SKIRT
<u>FD1/FD2</u> -+⊕	FD1/FD2	FLOOR DRAIN WITH CAST IRON DEEP SEAL TRAP & PRIMER TAP
	TP	TRAP PRIMER PIPING - TYPE L SOFT COPPER TUBING - NO FITINGS BELOW FLOOR - SLOPE TO DRAIN
<u>AP</u> OR <u>AP</u>	<u>AP</u>	ACCESS PANEL, RECESSED, FLUSH ENAMELED STEEL, LOCKING, FIRE RATED IN RATED CONSTRUCTION
1		PLUMBING KEYED NOTE
		— PLAN/SECTION LETTER OR DETAIL NUMBER/RISER DIAGRAM IDENTIFICATION
P401		— SHEET NUMBER WHERE PLAN, SECTION, DETAIL OR RISER DIAGRAM IS DRAWN
	AFF	ABOVE FINISHED FLOOR - REFERENCE TO TOP OF FINISHED FLOOR ELEVATION
	DWV	DRAINAGE WASTE AND VENT
	TYP	TYPICAL AND/OR TYPICAL AS SHOWN
	UON	UNLESS OTHERWISE NOTED
	AC OR ABV. CLG.	ABOVE CEILING (GENERALLY INDICATES NOTED PIPING INSTALLED ABOVE CEILING)
	BF OR BEL. FLR.	BELOW FLOOR (GENERALLY INDICATES NOTED PIPING INSTALLED BELOW FLOOR)
•		CONNECT TO EXISTING
lacksquare		DEMO LIMIT

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CONSTRUCTIONAs Noted on Plans Review

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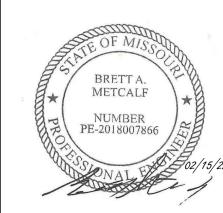
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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS:
LEE'S SUMMIT, MO
WEST PRYOR DEVELOPMENT, LOT
9A
NEW PRYOR RD. & NW SUMMIT
WOODS XING
LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE
	22001111 11011	

 DATE ISSUED:
 02/15/22

 REVIEWED BY:
 BAM

 DRAWN BY:
 BWU

 DESIGNED BY:
 BWU

 PROJECT NUMBER:
 5240368028

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SHEET TITLE:

PLUMBING NOTES, LEGEND, ABBREVIATIONS

SHEET ID:

P001

PLUMBING GENERAL NOTES

1. NO PLUMBING SHALL PASS OVER IT ROOM.

2. CONTRACTOR TO COORDINATE ROUTING OF ALL PLUMBING LINES WITH EXISTING

3. ALL ABOVE GRADE SANITARY AND VENT PIPE SHALL BE NO-HUB CAST IRON.

4. X-RAY FLOOR PRIOR TO SAW CUTTING/CORING IN ORDER TO AVOID CONFLICTS IN AND BELOW FLOOR. NOTIFY ENGINEER OF ANY CONFLICTS WITH DESIGN INTENT.

5. MAINTAIN MINIMUM DISTANCE OF 10' FROM PLUMBING VENT TO ANY FRESH AIR INTAKE ON ROOF.

6. NO MECHANICAL TRAP PRIMERS ARE PERMITTED. REFER TO DETAIL 3/P301. ALL FLOOR DRAIN P-TRAPS TO BE SERVED BY GRAVITY TRAP PRIMERS.

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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PLUMBING KEYED NOTES

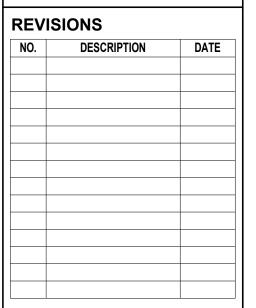
- 4"S MAIN LINE. REFER TO CIVIL UTILITY PLAN FOR CONTINUATION. PROVIDE TWO-WAY CLEANOUT AS SHOWN ON CIVIL PLANS.
- 2. 2"S DROP: 2"V RISE FROM FIXTURE.
- 3. 3"S DROP: 2"V RISE FROM FIXTURE.
- 4. 4"S DROP: 2"V RISE FROM FIXTURE.
- 5. 3"VENT THRU ROOF. MAINTAIN MINIMUM 10' CLEARANCE FROM FRESH AIR INTAKE.
- 6. ROUTE ALL DRAIN LINES FROM WATER HEATER TO FLOOR DRAIN.



WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081





DATE ISSUED: 02/
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DESIGNED BY:

PROJECT NUMBER:

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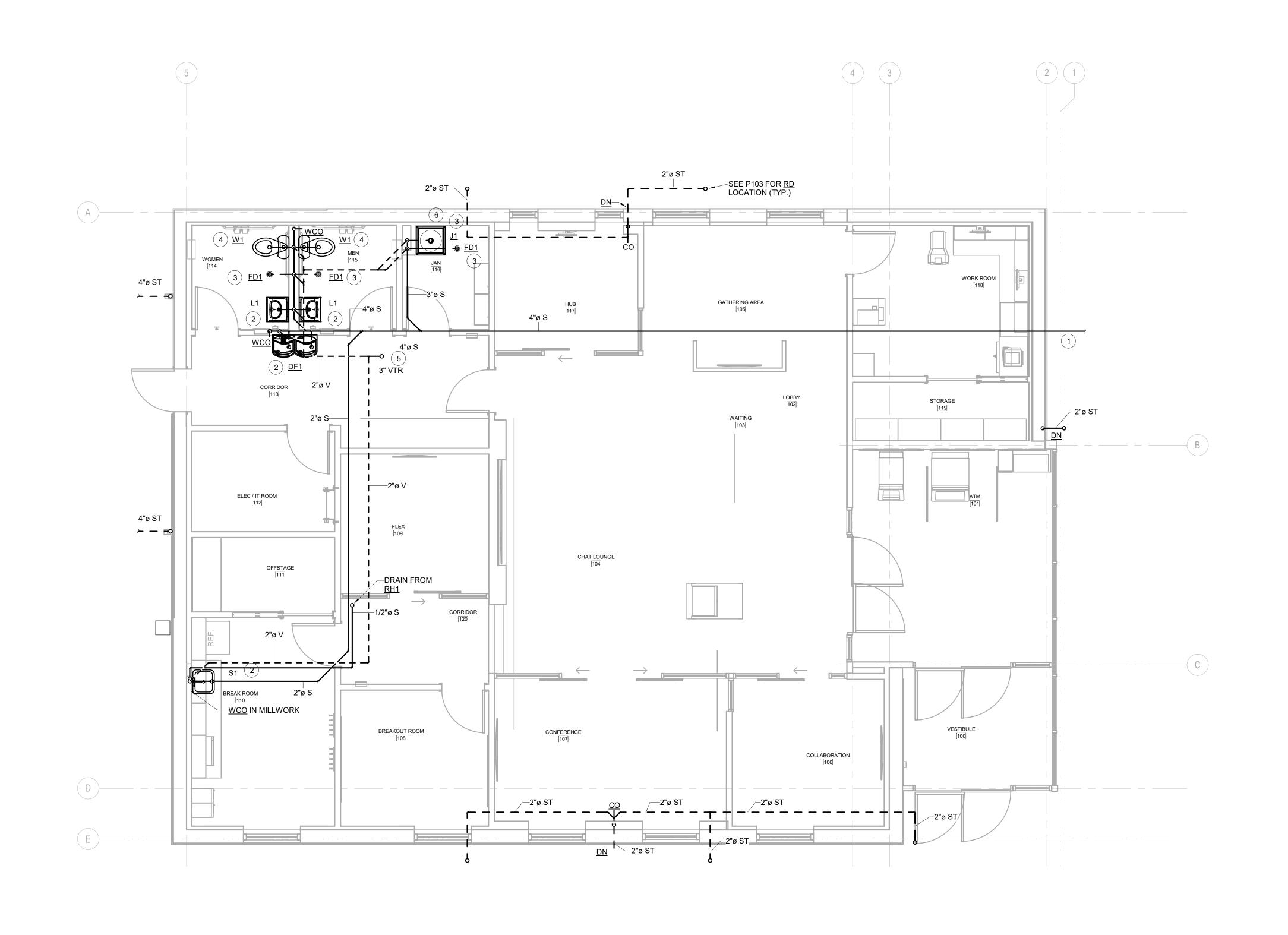
SHEET TITLE:

WASTE AND VENT PLAN

SHEET ID:

P101

PROJECT STATUS:
CONSTRUCTION DOCUMENTS



WASTE AND VENT PLAN

PLUMBING GENERAL NOTES

1. NO PLUMBING SHALL PASS OVER IT ROOM.

CONTRACTOR TO COORDINATE ROUTING OF ALL PLUMBING LINES WITH STRUCTURE.
 PROVIDE WATER HAMMER ARRESTORS, SIZED IN ACCORDANCE WITH TABLE ON

P001, AND BALL VALVES AT EACH PIPING DROP TO PLUMBING FIXTURE(S).

4. PROVIDE VALVE TAGS AND VALVE CHART FOR ALL SHUT OFF VALVES WITHIN PNC SPACE. HANG VALVE CHART IN JANITORS CLOSET ON WALL NEAR LIGHT SWITCH.

5. NO FLEXIBLE PIPING PERMITTED FOR ANY PLUMBING FIXTURE. NO EXCEPTIONS.

6. NO MECHANICAL TRAP PRIMERS ARE PERMITTED. REFER TO DETAIL 3/P301. ALL FLOOR DRAIN P-TRAPS TO BE SERVED BY GRAVITY TRAP PRIMERS.

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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PLUMBING KEYED NOTES

- 1. 1-1/2"CW MAIN LINE. REFER TO CIVIL UTILITY PLAN FOR CONTINUATION.
- 1/2"CW & HW DROP IN WALL ROUTE 1/2"CW TO WALL BOX. ROUTE 1/2"CW & HW TO SINK.
- 3. 1"CW & 1/2" HW DROP IN WALL. ROUTE 1/2" CW TO EACH WATER CLOSET. ROUTE 1/2" CW & 1/2"HW TO EACH LAVATORY. ROUTE 1/2"CW TO DRINKING FOUNTAIN.
- 4. 3/4"CW &HW DROP IN WALL TO JANITORS SINK.
- 5. 1"CW DROP TO WALL HYDRANT.
- 6. ROUTE 3/4"CW TO EWH1.
- 7. INCOMING GAS SERVICE LINE FOR MECHANICAL EQUIPMENT. REFER TO CIVIL DRAWINGS FOR CONTINUATION TO CONNECT INTO CITY MAIN LINE. ROUTE PIPING FROM THE METER, INTO THE BUILDING AND THEN UP TO THE ROOF. REFER TO P103 FOR CONTINUATION.

PPO JECT

PROJECT ADDRESS:
LEE'S SUMMIT, MO
WEST PRYOR DEVELOPMENT, LOT

NEW PRYOR RD. & NW SUMMIT WOODS XING LEE'S SUMMIT, MO 64081



REVIS	SIONS	
NO.	DESCRIPTION	DATE

DATE ISSUED: 02/15/22

REVIEWED BY: Checker

DRAWN BY: Author

DESIGNED BY: Designer

PROJECT NUMBER:

5240368028

SHEET TITLE:

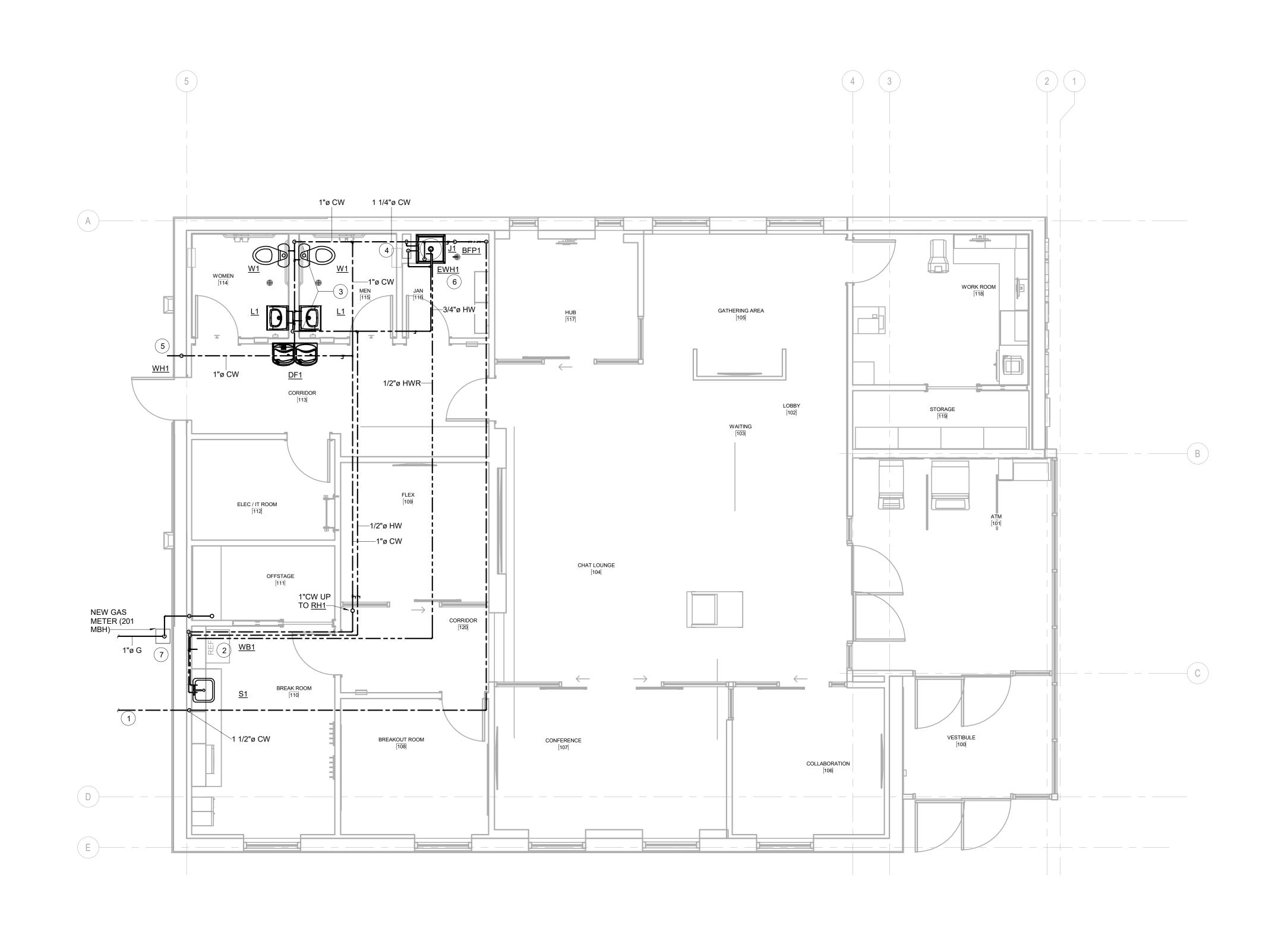
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DOMESTIC WATER PLAN

SHEET ID:

P102

PROJECT STATUS:
CONSTRUCTION DOCUMENTS



DOMESTIC WATER PLAN

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

PLUMBING GENERAL NOTES

- 1. CONTRACTOR TO COORDINATE ROUTING OF ALL PLUMBING LINES WITH STRUCTURE.
- 2. ALL ABOVE GRADE SANITARY, VENT, AND STORM PIPE SHALL BE NO-HUB CAST IRON.
- 3. GAS PIPING SHALL BE BLACK IRON PIPE ONLY. ANY EXPOSED PIPING SHALL BE PAINTED WITH TWO COATS OF RUST INHIBITING PAINT.



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PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PLUMBING KEYED NOTES

- 1. 3"VENT THRU ROOF. MAINTAIN MINIMUM 10' CLEARANCE FROM FRESH AIR INTAKE.
- 2. GAS PIPING UP THRU ROOF. ROUTE PIPING AS CLOSE TO EXTERIOR WALL AS

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02/15/22 DATE ISSUED: DESIGNED BY: PROJECT NUMBER:

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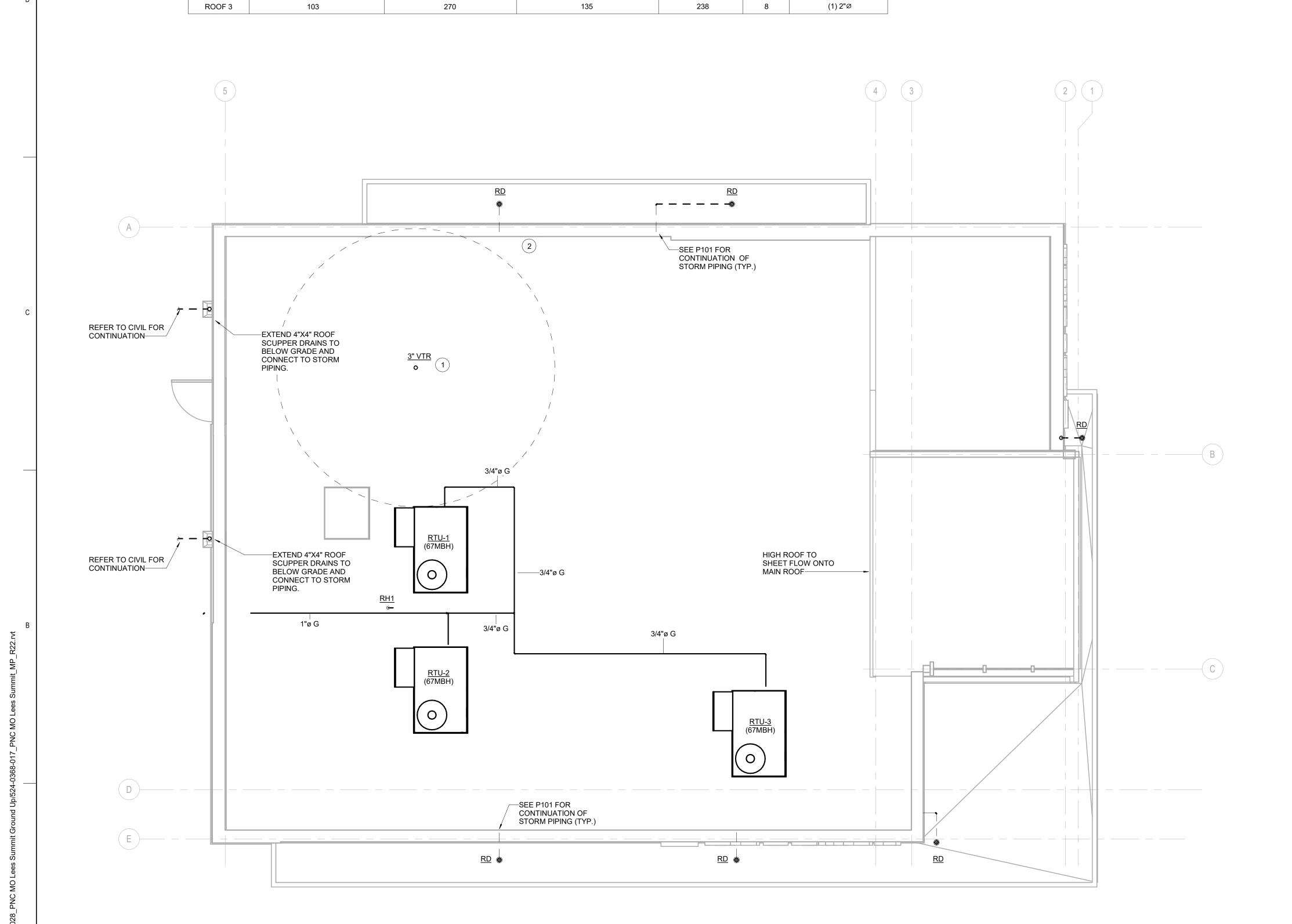
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PLUMBING ROOF PLAN

P103

SHEET ID:

PROJECT STATUS: CONSTRUCTION DOCUMENTS



50% VERTICAL WALL AREA (SQ. FT)

226

319

TOTAL AREA (SQ. FT)

2658

GPM

90

22

MIN. DRAIN SIZE & (QTY)

(2) 4"Ø

(1) 2"Ø

P103 SCALE: 1/4" = 1'-0"

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LOCATION: LEE'S SUMMIT, MO

ROOF 1

ROOF 2

ROOF AREA # | HORIZONTAL ROOF AREA (SQ. FT)

2432

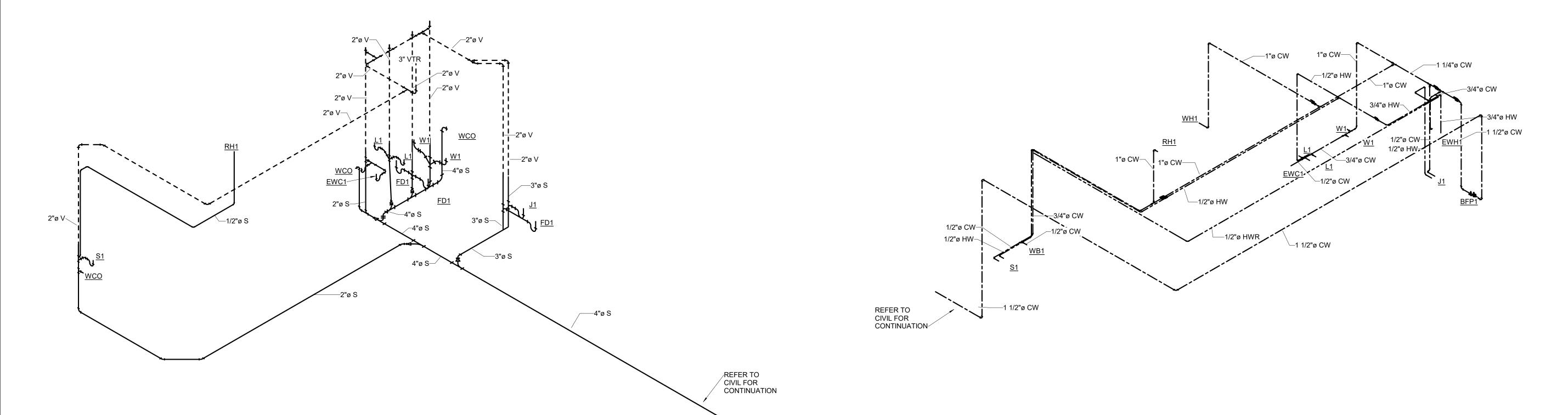
334

INCHES/HOUR: 3.25 (BASED ON STORM OF 1-HOUR DURATION AND A 100-YEAR RETURN PERIOD)

VERTICAL WALL AREA (SQ. FT)

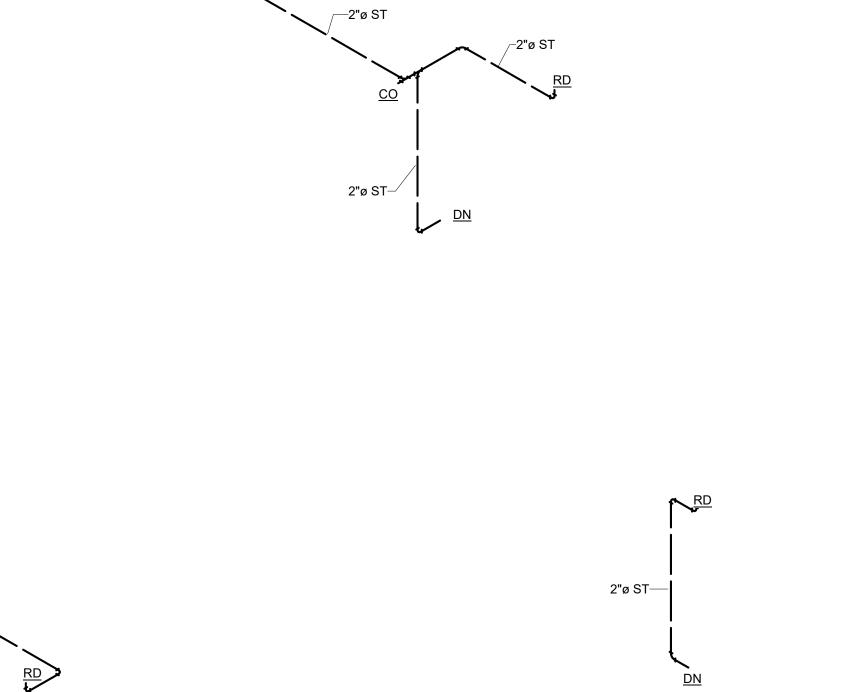
452

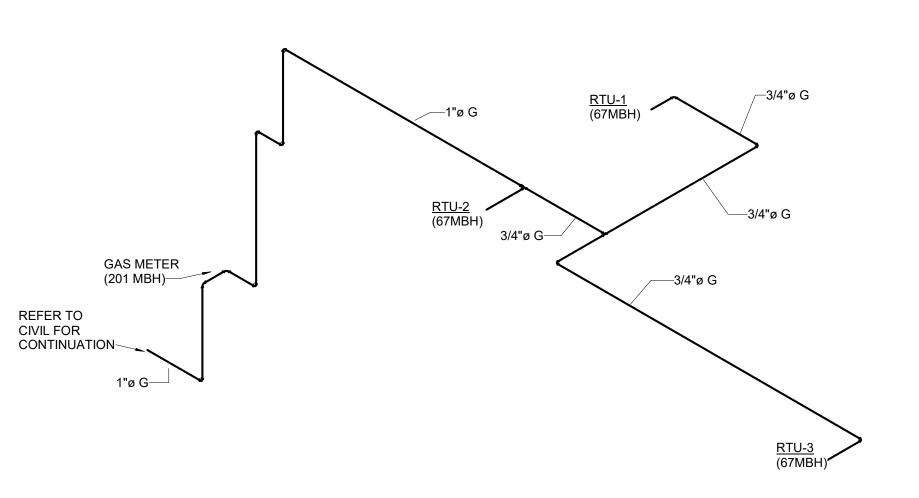
638



DOMESTIC WATER RISER DIAGRAM

P201 SCALE:





GAS RISER DIAGRAM

P201 SCALE:

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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS:
LEE'S SUMMIT, MO
WEST PRYOR DEVELOPMENT, LOT
9A
NEW PRYOR RD. & NW SUMMIT
WOODS XING
LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE
-1101	22001111 11011	

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REVIEWED BY: BAM

DRAWN BY: BWU

DESIGNED BY: BWU

PROJECT NUMBER:

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SHEET TITLE:

PLUMBING RISER DIAGRAMS

SHEET ID:

P201

PROJECT STATUS:CONSTRUCTION DOCUMENTS

STORM RISER DIAGRAM

DWV RISER DIAGRAM

CONNECT TO ROOF SCUPPER

4"ø ST─<u></u>

DRAINS-

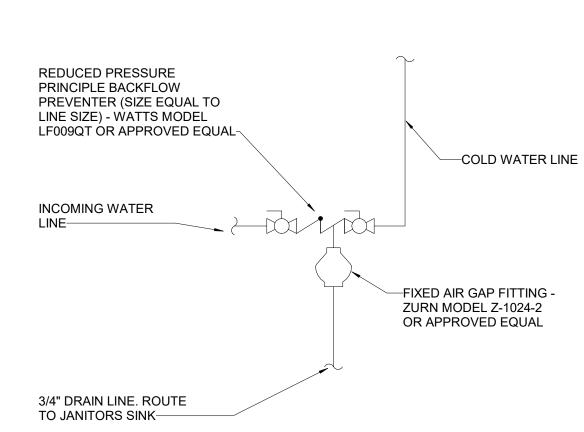
REFER TO CIVIL FOR CONTINUATION REFER TO CIVIL FOR CONTINUATION

2"ø ST—

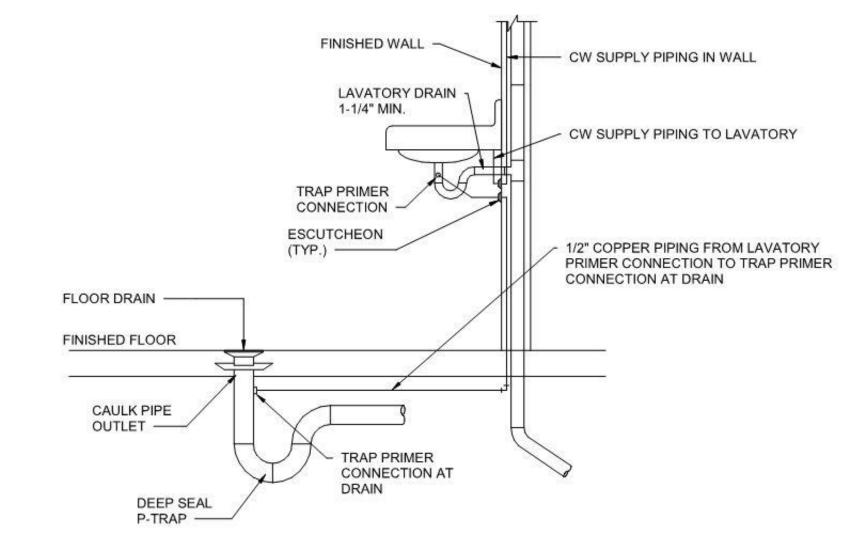
2"ø ST

∕—4"ø ST

ELECTRIC WATER HEATER DETAIL 1 ELEC P301 SCALE: N.T.S.



BACKFLOW PREVENTER DETAIL P301 SCALE: N.T.S.



1. PLUMBING CONTRACTOR SHALL PROVIDE 1/2" TRAP PRIMERS AT ALL FLOOR DRAINS.

2. TRAP PRIMER IS ZURN MODEL #Z1021 OR EQUAL. 3. MECHANICAL TRAP PRIMERS ARE NOT PERMITTED.

TRAP PRIMER DETAIL

SCALE: N.T.S.

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PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT NEW PRYOR RD. & NW SUMMIT

WOODS XING LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	
NO.	DESCRIPTION	

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SHEET TITLE:

PLUMBING DETAILS

SHEET ID:

P301

3. MINIMUM CONDUCTOR SIZE: ALL CIRCUIT HOMERUNS AND ALL CONDUIT-AND-WIRE CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS

4. MINIMUM SIZE CONDUIT SHALL BE 3/4" DIAMETER.

SENSITIVE COMPONENTS SUCH AS LIGHT FIXTURES

5. ALL CONDUITS SHALL HAVE A SEPARATE GREEN GROUND CONDUCTOR FOR GROUNDING.

6. ALL WIRING SHALL BE IN EMT OR FLEXIBLE METALLIC CONDUIT; USE RIGID METALLIC CONDUIT OR LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT WHERE INSTALLED IN WET OR DAMP LOCATIONS. EMT FITTINGS SHALL BE STEEL. POT METAL OR DIE CAST TYPE SHALL NOT BE USED. CONNECTORS SHALL HAVE NYLON INSULATED THROATS. FITTINGS SHALL BE SET-SCREW TYPE.

7. ALL EMPTY CONDUITS SHALL CONTAIN A POLYOLEFIN PULL LINE, JET #232 OR APPROVED EQUAL.

8. PROVIDE LUGS AS REQUIRED FOR ALL ELECTRICAL EQUIPMENT TO ACCEPT THE SIZE AND NUMBER OF

CONDUCTORS SHOWN IN THESE DOCUMENTS. 9. CONDUITS LEAVING OR ENTERING BUILDING SHALL BE SEALED PER NEC TO PREVENT ENTRANCE OF MOISTURE.

10. CONDUIT ROUTING AND DEVICE/EQUIPMENT LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY, CONTRACTOR SHALL FIELD ROUTE AND LOCATE AS REQUIRED AND PER CODE CLEARANCES.

11. ALL WIRING AND CONDUIT SIZES SHALL BE BASED ON THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.

12. WHERE DEMOLITION OF A PORTION OF AN EXISTING CIRCUIT RENDERS DOWNSTREAM EQUIPMENT INOPERATIVE, PROVIDE A NEW CIRCUIT TO RE-ESTABLISH SERVICE.

13. REUSE EXISTING CONDUIT WHERE POSSIBLE. PROVIDE NEW WIRING IN ALL CONDUIT.

14. ELECTRICAL CONTRACTOR SHALL CONCEAL ALL WIRES AND CONDUIT. NO SURFACE CONDUIT SHALL BE RUN

15. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL CEILING MOUNTED

DEVICES. 16. FOR COORDINATION PURPOSES, LIGHTING FIXTURES AND DEVICES MAY BE MOVED A MAXIMUM DISTANCE OF FIVE

FEET, PRIOR TO INSTALLATION, AT NO COST TO THE OWNER, UPON INSTRUCTION BY THE ARCHITECT OR ENGINEER. 17. CONDUIT, LIGHT FIXTURES, AND OTHER COMPONENTS MAY BE SHOWN LARGER THAN ACTUAL SIZE. CONDUIT ROUTING IS SHOWN WITH AN EXAGGERATED SPACING FOR CLARITY. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL CONTRACTORS TO ENSURE CONDUIT PLACEMENT DOES NOT CONFLICT WITH LOCATION OF

18. COORDINATE EXACT LOCATION OF ALL LIGHTING FIXTURES IN ELECTRICAL/MECHANICAL SPACES WITH EQUIPMENT. DUCTWORK AND PIPING.

19. UNLESS OTHERWISE NOTED, FOR LIGHTING AND RECEPTACLE HOMERUNS HAVING A TOTAL LENGTH OF 100' TO 200', USE #10 CONDUCTORS; FOR HOMERUNS HAVING A TOTAL LENGTH OF 200' OR GREATER, USE #8 CONDUCTORS.

20. LED LAY-IN LIGHT FIXTURES SHALL BE SUSPENDED FROM BUILDING STRUCTURE WITH ONE SUPPORT WIRE ON

21. PROVIDE THE TYPE OF MOUNTING HARDWARE AND TRIM NECESSARY FOR THE PROPER INSTALLATION OF

SPECIFIED LIGHTING FIXTURES IN THE TYPE OF CEILING WHERE INSTALLED. 22. ALL LIGHTING SWITCHES SHALL BE LOCATED ON THE STRIKE SIDE OF THE DOOR. VERIFY ALL DOOR SWINGS WITH

ARCHITECTURAL DRAWINGS PRIOR TO ROUGHING-IN FOR SWITCHES. 23. ALL LAY-IN LIGHTING FIXTURES SHALL BE CONNECTED TO A BRANCH CIRCUIT JUNCTION BOX WITH A FLEXIBLE

FIXTURE TAIL. A MAXIMUM OF FOUR FIXTURE TAILS SHALL BE CONNECTED TO A SINGLE JUNCTION BOX.

24. PROVIDE ACCESS DOORS IN WALLS AND CEILINGS WHERE ACCESS TO CONCEALED ELECTRICAL BOXES AND DEVICES IS REQUIRED.

25. REFER TO ARCHITECTURAL INTERIOR ELEVATION DRAWINGS, WHERE THE ARCHITECT HAS DRAWN SUCH

ELEVATIONS, FOR THE LOCATIONS OF ALL WALL MOUNTED DEVICES. 26. WHERE RECEPTACLES ARE SHOWN BACK-TO-BACK ON A COMMON WALL, OFFSET THE TWO BOXES AT LEAST SIX

INCHES. 27. LABELS SHALL BE PROVIDED FOR ALL RECEPTACLES AND LIGHTING SWITCHES, PROVIDE LABEL INDICATING PANEL NAME AND CIRCUIT SERVING RECEPTACLES OR SWITCH. INSTALL LABEL NEAR BOTTOM PORTION OF COVER PLATE. LABELS SHALL BE MADE USING T&B E-Z-CODE LABEL PRINTER SOFTWARE OR EQUAL. LABELS SHALL BE MADE OF

CLEAR SELF-LAMINATING VINYL WITH APPROXIMATE 1/8 INCH LETTERING, COLOR BLACK. 28. WHERE PANELS OR DISCONNECT ARE MOUNTED ON GYP BOARD WALLS, PROVIDE ADDITIONAL BACKING IN WALLS

PRIOR TO THE INSTALLATION OF THE GYPBOARD. 29. ALL AFFECTED PANELBOARDS SHALL BE PROVIDED WITH A NEW TYPEWRITTEN SCHEDULE SHOWING CIRCUIT NUMBERS, ADDED BREAKERS AND A COMPLETE DESCRIPTION OF EACH CIRCUIT, INCLUDING OFFICIAL ROOM

NUMBER. PANELBOARDS, DISCONNECTS, ETC. SHALL BE PROVIDED WITH SUITABLE PHENOLIC NAMEPLATES. 30. PROVIDE 2 1/8" DEEP OUTLET BOX WITH SINGLE GANG DEVICE COVER, BLANK COVER PLATE AND 1" CONDUIT TO

CEILING SPACE. TERMINATE CONDUIT WITH END BUSHING, UNLESS SHOWN OTHERWISE. 31. PROVIDE 3/4" FIRE RATED AC GRADE PLYWOOD, 8' HIGH BY X' WIDTH AS SHOWN ON PLANS.

32. EXPOSED CABLING (COMMUNICATION, FIRE ALARM AND SECURITY) IN AREAS WHERE NO CEILING EXISTS IS

PROHIBITED. EXTEND EMT CONDUIT SLEEVE TO NEAREST ACCESSIBLE CEILING SPACE.

33. PROVIDE COMMUNICATION & VOICE/DATA CABLING, JACKS, FACE PLATES, ETC. UNLESS NOTED OTHERWISE 34. PROVIDE J-HOOKS FOR ALL LOW VOLTAGE CABLING ABOVE CEILING TO ROUTE BACK TO DATA ROOMS.

35. OWNER PROVIDE MATERIALS AND INSTALLATION OF SECURITY AND ACCESS CONTROL SYSTEM. CONTRACTOR TO

PROVIDE NECESSARY ROUGH IN INCLUDING SINGLE GANG BOXES AND 3/4" CONDUIT STUBBED INTO CEILING.

36. CONTRACTOR SHALL PROVIDE U.L. APPROVED FIRESTOP SYSTEM IN ALL OPENINGS AROUND ELECTRICAL RACEWAY AND WIRING PENETRATIONS THROUGH FIRE-RESISTANCE-RATED WALLS, PARTITIONS, FLOORS, OR CEILINGS. MATERIALS USED IN FIRESTOP SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS

SPECIFICATIONS. SEE N.E.C. 300 FOR ADDITIONAL REQUIREMENTS. COORDINATE WITH ARCHITECTURAL AND LIFE SAFETY PLAN TO ENSURE PROPER COMPLIANCE.

37. ALL SAFETY SWITCH DISCONNECTS SHALL HAVE A MINIMUM 3'-6" OF WORKING SPACE IN FRONT OF DEVICE;

COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT LOCATIONS 38. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION, REFER TO MECHANICAL. FIRE PROTECTION AND PLUMBING DRAWINGS FOR EXACT LOCATION AND SIZE OF EQUIPMENT WHICH IS PROVIDED BY OTHERS AND CONNECTED BY ELECTRICAL.

39. FINAL CONDUIT CONNECTIONS TO VAV UNITS, EXHAUST FANS, ETC. SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT. TYPICAL FOR EXTERIOR, DAMP AND WET LOCATIONS.

40. INTEGRATED EQUIPMENT RATINGS SHOWN ARE MINIMUMS. CONTRACTOR SHALL PROVIDE MANUFACTURER'S

EQUAL OR NEXT HIGHER STANDARD RATINGS. 41. COORDINATE THE EXACT LOCATION OF ALL THERMOSTATS, STARTERS, DISCONNECTS, ETC. AND COORDINATE ALL REQUIREMENTS FOR CONTROL AND POWER WIRING WITH THE MECHANICAL CONTRACTOR OR THE TRADE

PROVIDING THE EQUIPMENT. 42. THE LOADS SHOWN FOR APPLIANCES AND EQUIPMENT ARE BASED ON DESIGN INFORMATION. THE CONTRACTOR SHALL VERIFY ALL APPLIANCE LOADS PRIOR TO RUNNING THE CIRCUIT. THE MINIMUM CIRCUIT REQUIREMENTS SHALL BE BASED ON THE APPLIANCE NAMEPLATE VALUE OR CODE REQUIREMENTS WHICHEVER IS MORE STRINGENT. ADDITIONAL COMPENSATION SHALL NOT BE ALLOWED FOR MODIFICATIONS OF THE EQUIPMENT

ELECTRICAL SUPPLY BY THE EQUIPMENT TO BE INSTALLED. 43. ALL EQUIPMENT SHALL BE UL APPROVED AND SHIPPED TO THE SITE WITH UL LABEL.

44. WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED TO THE BUILDING OWNER, INCLUDING A SINGLE LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM AND FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION.

45. WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, OPERATING AND MAINTENANCE MANUALS SHALL BE PROVIDED TO THE BUILDING OWNER, INCLUDING SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE, OPERATION AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE WITH CLEARLY IDENTIFIED REQUIRED ROUTINE MAINTENANCE ACTIONS, AND NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

ELECTRICAL LIGHTING LEGEND:

 MOUNTING HEIGHT ABOVE FINISHED FLOOR, UNLESS NOTED. 2' X 4' LED LIGHT FIXTURE ("A" = FIXTURE TYPE, "HA-XX" = CIRCUIT, "a" = SWITCH) 6" LED DOWNLIGHT ("A" = FIXTURE TYPE, "HA-XX" = CIRCUIT, "a" = SWITCH) EMERGENCY LIGHT FIXTURE (S). "NL" DENOTES FIXTURES TO BE NIGHT PROVIDE UNSWITCHED HOT FROM CIRCUIT SERVING FIXTURE FOR EMERGENCY BALLAST LIGHTING FIXTURE, LED EXIT SIGN WITH SELF CONTAINED BATTERY PACK (DARKENED AREA INDICATES LIGHTED FACE) DIRECTIONAL ARROWS AS SHOWN ON FLOOR PLANS

48" TO TOP SWITCH, 20A 120/277 48" TO TOP 3-WAY SWITCH 48" TO TOP WALL MOUNTED SWITCH WIRELESS CONTROL: LUTRON #PX-2B-GWH-01 | CW-1-WH 48" TO TOP WALL MOUNTED VACANCY MOTION SENSOR: LUTRON #MS-A102-WH | CW-1-WH WALL MOUNTED DIMMER KEYPAD WIRELESS CONTROL: LUTRON #PJ2-2BRL-GWH-L01 | CW-1-WH WALL MOUNTED OCCUPANCY DIMMING SWITCH: LUTRON #MS-Z101-WH

CEILING MOUNTED OCCUPANCY/VACANCY SENSOR: LUTRON #LRF2-OCR2B-P-WH PHOTOCELL

ELECTRICAL POWER LEGEND:

18" TO C.L. WALL MOUNTED DUPLEX RECEPTACLE, NEMA 5-20R, 20A, 125V - GFCI(GROUND FAULT CIRCUIT INTERRUPTER) - SINGLE RECEPTACLE - QUAD RECEPTACLE (DOUBLE DUPLEX) - USB CHARGER COMBINATION, ALSO DENOTED BY "USB" - ISOLATED GROUND, ALSO DENOTED BY "IG" - TICK MARKS DENOTE EMERGENCY CIRCUIT (RED OUTLET) - "WP" DENOTES WEATHERPROOF - "CH" DENOTES COUNTER HEIGHT

- "HR" DENOTES HORIZONTAL MOUNTING, ABOVE COUNTER HEIGHT

18" TO C.L. SPECIAL PURPOSE RECEPTACLE, L5-30R TWIST LOCKS. - TICK MARKS DENOTE EMERGENCY CIRCUIT (RED OUTLET)

JUNCTION BOX, 4" SQUARE BY 1-1/2" DEEP, MINIMUM, PROVIDE CONDUIT TO ACCESSIBLE CEILING SPACE (U.N.O.)

- "#" DENOTES MOUNTING HEIGHT IN INCHES

- "E" DENOTES ELECTRICAL CONNECTION TO SUIT FURNISHED EQUIPMENT - "J" DENOTES A CEILING MOUNTED JUNCTION BOX -TICK MARKS INDICATE WALL MOUNT. "#" DENOTES MOUNTING HEIGHT

FLOORBOX AND POKE THRU FLOOR BOX, REFER TO FLOORBOX SCHEDULE,

'X' DENOTE NUMBER OF DATA PORTS. 48" TO TOP EPO (EMERGENCY POWER OFF), COORDINATE WITH VENDOR DRAWINGS FOR TYPE

78" TO TOP PANELBOARD, 480/277 VOLT, SEE PANEL SCHEDULES 78" TO TOP PANELBOARD, 208/120 VOLT, SEE PANEL SCHEDULES

DRY TYPE TRANSFORMER, 480/277 TO 208/120, SEE RISER/ONE LINE DIAGRAM

 \Box DISCONNECT SWITCH, SEE EQUIPMENT SCHEDULE

GROUND BUS BAR CONDUIT RUN. CONCEALED. WALL OR CEILING -----

CONDUIT RUN, CONCEALED IN FLOOR, UNDERFLOOR OR UNDERGROUND CONDUIT STUB-UP CONDUIT CAPPED

DISCONNECT SWITCH, SEE EQUIPMENT SCHEDULE

COMMUNICATIONS LEGEND:

18" TO C.L. TELEPHONE/DATA OUTLET, (1)TELEPHONE AND (1)DATA DROP (U.N.O.)

18" TO C.L. DATA OUTLET, SINGLE DROP (U.N.O.) 48" TO C.L. TELEPHONE OUTLET, SINGLE DROP (U.N.O.) - "CH" DENOTES COUNTER HEIGHT

- "#" DENOTES HEIGHT IN INCHES A.F.F. - CIRCLE DENOTES DEVICE IS LOCATED ON CEILING

CEILING MOUNTED WIRELESS ACCESS POINT, PROVIDE (1)DATA CONNECTION

SYSTEMS LEGEND:

48" TO C.L. SECURITY SYSTEM, PROVIDE OUTLET BOX WITH PULL STRING STUBBED ABOVE ACCESSIBLE CEILING - "DC" DENOTES DOOR CONTACTOR, COORDINATE HEIGHT WITH VENDOR

- "ES" DENOTES ELECTRIC STRIKE

- "I" DENOTES INTERCOM - "IR" DENOTES PASSIVE INFRARED DEVICE LOCATED ABOVE DOOR

- "ML" DENOTES MAGNETIC LOCK, COORDINATE HEIGHT WITH VENDOR - "PR" DENOTES PARABIT READER

- "RX" DENOTES REQUEST TO EXIT - "MD" DENOTES MOTION DETECTION DEVICE

SECURITY CAMERA, PROVIDE JUNCTION BOX AND CONDUIT TO ACCESSIBLE CEILING

SPEAKER, PROVIDE JUNCTION BOX AND CONDUIT TO ACCESSIBLE CEILING

HUB 48" TO C.L. HOLD UP BUTTON

60" TO C.L. SECURITY MONITOR, REQUIRED 120VAC DUPLEX RECEPTACLE PROVIDED BY ELECTRICAL CONTRACTOR

48" TO C.L. HOLD UP INDICATOR LIGHT

DMP ALARM CONTROL. MOUNTED IN TELECOM RACK

DIGITAL VIDEO RECORDER, MOUNTED IN TELECOM RACK.

ICI MACHINE, COORDINATE REQUIREMENTS WITH EQUIPMENT VENDOR

MONEY CLIP, PROVIDE (1)22AWG/4 CONDUCTOR CABLE TO ALARM PANEL

IR MOTION SENSOR, CORNER OR CEILING MOUNT, FURNISH AND INSTALL 22 GAUGE, 4

AFF — ABOVE FINISHED FLOOR

CB — MOLDED CASE CIRCUIT BREAKER

CKT — CIRCUIT

EWH — ELECTRIC WATER HEATER EX — EXISTING TO REMAIN

FACP — FIRE ALARM CONTROL PANEL

FB — FLOOR BOX

FTU — FAN TERMINAL UNIT

MCB — MAIN CIRCUIT BREAKER

MLO — MAIN LUG ONLY NEC — NATIONAL ELECTRICAL CODE

NIC — NOT IN CONTRACT RE — RELOCATE

UC — UNDER COUNTER

WP — WEATHERPROOF

SHEET LIST SHEET NO. SHEET NAME ISSUE DATE ELECTRICAL NOTES, SYMBOLS AND ABBREVIATIONS 01/27/2022 ELECTRICAL SITE PLAN 01/27/2022 ELECTRICAL LIGHTING PLAN 01/27/2022 FLOORBOX AND CONDUIT ROUGH-IN PLAN 01/27/2022 ELECTRICAL POWER & COMMUNICATIONS PLAN 01/27/2022 ELECTRICAL SYSTEMS PLAN 01/27/2022 ELECTRICAL SYSTEMS PLAN - ROOF 01/27/2022 ELECTRICAL DETAILS 01/27/2022 ELECTRICAL DETAILS 01/27/2022 ELECTRICAL RISER DIAGRAM AND SCHEDULES 01/27/2022 ELECTRICAL SCHEDULES 01/27/2022 LIGHTING COMCHECK 01/27/2022 INTERIOR PHOTOMETRICS 01/27/2022 ATM PHOTOMETRICS 01/27/2022

- "CR" DENOTES CARD READER

- "DO" DENOTES ADA PUSHBUTTON

CEILING MOUNTED SECURITY SYSTEM DEVICE

60" TO C.L. ALARM KEYPAD

SAFE ALARM, PROVIDE (1)3/4" FROM SAFE TO ALARM CONTROL PANEL

TCR TELLER CASH RECYCLER, PROVIDE (1)22AWG/4 CONDUCTOR CABLE TO ALARM PANEL

ATM ATM ALARM, PROVIDE (1)3/4" FROM ATM TO ALARM CONTROL PANEL

CONDUCTOR, STRANDED CABLE (TYPE "C" CABLE).

ABBREVIATIONS

AV — AUDIO VISUAL

— CONDUIT

CH — COUNTER HEIGHT, ABOVE BACK SPLASH

GFI — GROUND-FAULT CIRCUIT INTERRUPTER

— TELEVISION

UNO — UNLESS NOTED OTHERWISE

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CONSTRUCTION As Noted on Plans Review

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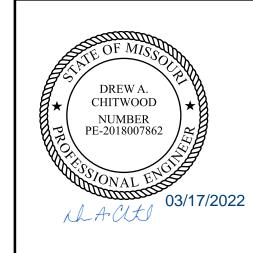
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MO LICENSE NOS. 2003019618 * 2003019636

PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



REVISIONS DESCRIPTION

02/15/2022

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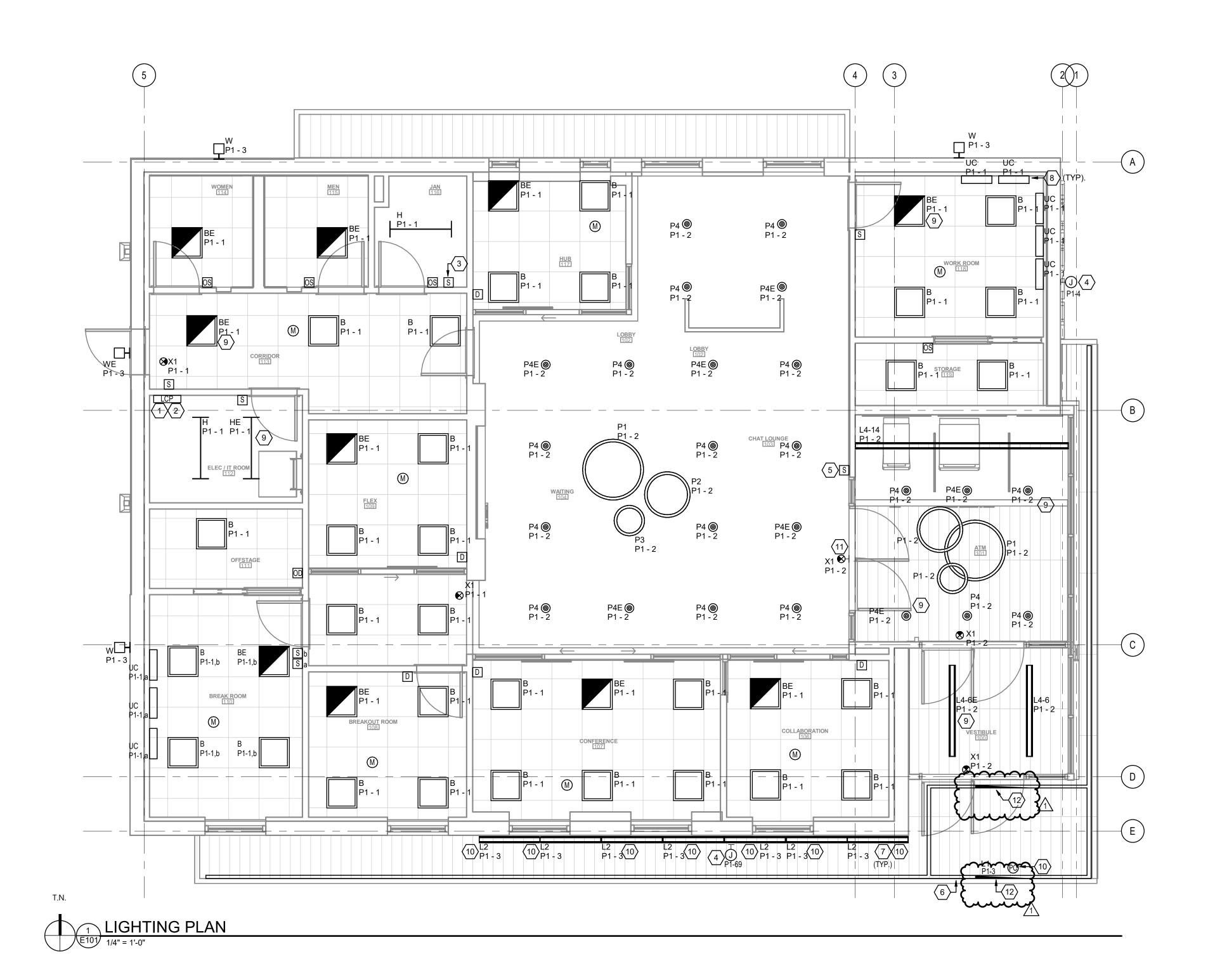
DESIGNED BY:

DRAWN BY:

ELECTRICAL NOTES, SYMBOLS AND **ABBREVIATIONS**

SHEET TITLE:

SHEET ID:



SHEET NOTES:

PHOTOCELL FOR DUSK/DAWN OPERATION.

MANNER. TYPICAL OF ALL UNDERCABINET LIGHTING.

LIGHT. SEE LUMINAIRE SCHEDULE.

WIRING REQUIREMENTS.

DETAIL 1/E402.

A.F.F. REFER TO DETAIL 1/E402 FOR WIRING REQUIREMENTS.

. LABELS SHALL BE PROVIDED FOR ALL LIGHTING SWITCHES, PROVIDE LABEL INDICATING PANEL NAME AND CIRCUIT SERVING SWITCH. INSTALL LABEL NEAR BOTTOM OF COVER PLATE. LABELS SHALL BE MADE OF CLEAR SELF-LAMINATING VINYL WITH APPROXIMATE 1/8 INCH LETTERING, COLOR BLACK.

LUTRON "EcoSystem" "Energi Savr Node" (ESN), A & B. MOUNT DEVICES ONE ABOVE THE OTHER ON WALL ABOVE "EcoSystem" TIMECLOCK REFERENCED IN NOTE 2. REFER TO DETAIL 1/E402 FOR WIRING

LUTRON "EcoSystem" TIMECLOCK. SURFACE MOUNT IN A STANDARD 4-GANG BOX BELOW ESN-A & B AT 48"

MANUAL OVERRIDE SWITCH TO OVERRIDE ALL LUTRON NETWORKED LIGHTING CONTROLS AND ENERGIZE EXTERIOR SIGNS. FLUSH MOUNT IN A SINGLE GANG BOX AT 48" A.F.F. REFER TO DETAIL 1/E402 FOR

JUNCTION BOX FOR POWER TO PNC SIGNAGE AND/OR LOGO. COORDINATE EXACT LOCATIONS WITH SIGNAGE VENDOR PRIOR TO ROUGH-IN. PROVIDE 1"C FOR POWER. SIGNAGE SHALL BE CONTROLLED VIA

MANUAL OVERRIDE SWITCH TO OVERRIDE ALL NETWORKED LIGHTING CONTROLS AND ENERGIZE

INTERIOR LIGHT FIXTURES IN LOBBY, WAITING AREA, GATHERING AREA, AND CORRIDORS. REFER TO

CANOPY LINEAR DOWN LIGHT, MOUNTED RECESSED WITHIN CANOPY STRUCTURE, SEAMLESS LINEAR

CANOPY MOUNTED LINEAR UP LIGHT. SEE LUMINAIRE SCHEDULE. TYPICAL FOR FIXTURE TYPE 'L2'.

CONCEAL FEEDERS FOR UNDERCABINET LIGHTING IN CABINET ABOVE IN A CLEAN WORKMANLIKE

11. PROVIDE WM WALL MOUNT OPTION FOR WALL MOUNTED EXIT SIGN. SEE LUMINAIRE SCHEDULE.

PROVIDE 4FT EMERGENCY SECTION FOR L1 FIXTURE. SEE FIXTURE SCHEDULE FOR EMERGENCY OPTION.

FIXTURES SHALL BE CIRCUITED AHEAD OF CONTROLS WITHIN AREA OF 24/7 ON OPERATION.

10. FIXTURES SHALL BE CONTROLLED VIA PHOTOCELL FOR DUSK/DAWN OPERATION.

ALL LIGHTING FIXTURES TO BE SUPPORTED FROM BUILDING STRUCTURE. FIXTURES SHALL NOT BE SUPPORTED FROM DROP CEILINGS.

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PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT

A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081

CHITWOOD NUMBER PE-2018007862 LA-CLTI

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NO.	DESCRIPTION	DATE
1	PERMIT COMMENTS 01	03/17/2022

DATE ISSUED: REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 5240368028

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ELECTRICAL LIGHTING PLAN

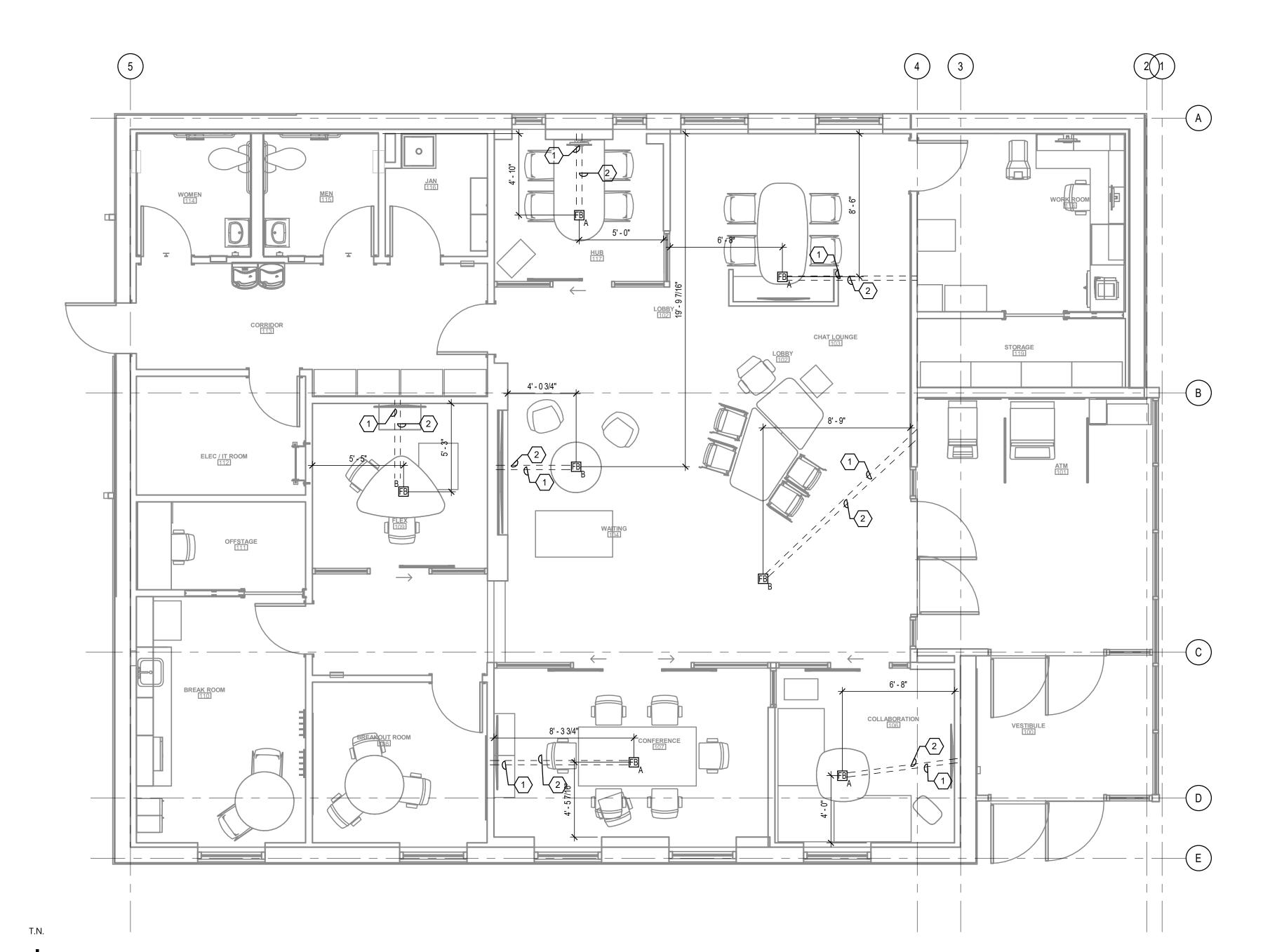
SHEET ID:

E101

PROJECT STATUS: PERMIT DOCUMENTS

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. ALL DIMENSIONS SHALL BE CENTERED TO FLOOR-BOXES. ALL DIMENSIONS SHOWN ARE TAKEN FROM EXISTING WALLS OR THE CENTERLINE OF EXISTING COLUMNS.

. THE DIMENSIONED LOCATION OF FLOOR BOXES IS PROVIDED FOR BIDDING PURPOSES ONLY. E.C. SHALL VERIFY THE EXACT LOCATION OF THE FLOORBOX WITH PNC PRIOR TO ROUGH-IN.

REFER TO FLOORBOX SCHEDULE ON SHEET E502 FOR SPECIFICATIONS, REQUIRED CONDUITS AND ADDITIONAL INFORMATION.

TRANSITION FROM PVC TO METAL CONDUIT NOT TO EXCEED 4" ABOVE SLAB.

SHEET NOTES:

PROVIDE (1) 1"C FOR POWER SECTION OF FLOOR BOX, STUB CONDUIT ABOVE ACCESSIBLE CEILING. COORDINATE STUB-UP LOCATIONS IN WALLS WITH G.C. PRIOR TO ROUGH-IN.

PROVIDE (1) 2"C FOR DATA SECTION OF FLOOR BOX, STUB CONDUIT ABOVE ACCESSIBLE CEILING. COORDINATE STUB-UP LOCATIONS IN WALLS WITH G.C. PRIOR TO ROUGH-IN.

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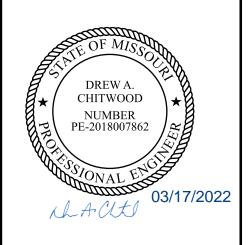
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MO LICENSE NOS. 2003019618 * 2003019636

PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



REVISIONS NO. DESCRIPTION

REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 5240368028

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DATE ISSUED:

SHEET TITLE:

FLOORBOX AND CONDUIT ROUGH-IN PLAN

SHEET ID:

E200

PROJECT STATUS: PERMIT DOCUMENTS

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The state of the s

CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL POWER AND COMMUNICATIONS MODULAR FURNITURE BASE. COORDINATE INSTALLATION WITH MODULAR FURNITURE VENDOR FOR A COMPLETE

LABELS SHALL BE PROVIDED FOR ALL RECEPTACLES AND LIGHTING SWITCHES, PROVIDE LABEL INDICATING PANEL NAME AND CIRCUIT SERVING RECEPTACLES OR SWITCH. INSTALL LABEL NEAR BOTTOM OF COVER PLATE. LABELS SHALL BE MADE OF CLEAR SELF-LAMINATING VINYL WITH APPROXIMATE 1/8 INCH LETTERING, COLOR BLACK.

MOUNT RECEPTACLES WITH THE LONG DIMENSION OF THE DEVICE VERTICAL AND THE U-SHAPED GROUND POSITION AT BOTTOM EXCEPT WHERE SPECIFICALLY NOTED ON THE PLANS TO BE MOUNTED WITH THE LONG DIMENSION OF THE DEVICE HORIZONTAL (WITH THE U-SHAPED GROUND POSITION ON THE RIGHT). MOUNT ADJACENT SYSTEMS DEVICES TO MATCH RECEPTACLE MOUNTING CONFIGURATION.

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SHEET NOTES:

- NEW MANUAL TRANSFER SWITCH 'MTS-1'. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- NEW (2) 4"C WITH WIDE SWEEP RADIUS ELBOWS AND PULL STRINGS FROM TELEPHONE UTILITY EASEMENT TO THE PLYWOOD BOARD IN ELEC/IT ROOM. CONDUIT SHALL BE STUBBED UP 6" A.F.F.
- GROUND BAR FOR DATA RACK AND TELEPHONE BACKBOARD. PROVIDE #6G FROM GROUND BAR TO GROUND BUS IN PANEL 'P1'.
- PROVIDE (2) NEMA L5-30R SINGLE RECEPTACLES WITH (2)#10, #10G, 3/4"C. EACH TO PANEL 'P1'. CIRCUIT AS INDICATED. MOUNTING HEIGHTS SHOWN ON PLAN.
- IT RACK. COORDINATE EXACT REQUIREMENTS PRIOR TO ROUGH-IN.
- 3/4" FIRE RATED AC GRADE PLYWOOD BACKBOARDS ALONG ALL WALLS FROM FLOOR TO CEILING. LEAVE FIRE RATING STAMP UNPAINTED AND FACING OUTWARD.
- ATM VESTIBULE DOOR CARD READER ACCESS CONTROL PANEL. THE COMPLETE OPERATING CARD ACCESS SYSTEM SHALL INCLUDE INSTALLATION AND WIRING OF ALL REQUIRED SYSTEM COMPONENTS. COORDINATE ADDITIONAL REQUIREMENTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN. COORDINATE WITH PNC FOR FINAL LOCATION OF ALL SYSTEM COMPONENTS PRIOR TO ROUGH-IN OF ANY WORK FOR THIS SYSTEM. REFER TO DETAIL 2/E-401.
- PROVIDE GFI CIRCUIT BREAKER FOR CIRCUIT SERVING WIRING DEVICE. REFER TO PANEL SCHEDULES ON
- 3/4"C WITH PULLSTRING FOR ATM SECURITY WIRING AND TERMINATE AT THE PLYWOOD BACKBOARD IN ELEC/IT 112.
- 0. RECEPTACLE FOR SECURITY MONITOR. REFER TO E301 FOR SECURITY SYSTEM PLAN.
- . FLUSH FLOORBOX, REFER TO E502 FOR FLOORBOX SCHEDULE FOR ADDITIONAL INFORMATION. TYPICAL FOR ALL FLOOR BOXES.
- PROVIDE LEGRAND CHIEF #PAC525 IN-WALL BOX OR EQUAL FOR POWER AND DATA SHOWN AT WALL. PROVIDE (2) DUPLEX RECEPTACLES FOR POWER, AND (2)CAT6 DATA JACKS WITH 3/4"C STUBBED TO ABOVE CEILING PLENUM FOR DATA. COORDINATE EXACT HEIGHT AND LOCATIONS WITH AV VENDOR AND
- B. UNDERGROUND CONDUIT(S) FROM FLUSH BOX TO WALL. REFER TO E200 FOR CONDUIT SIZES AND
- PROVIDE CIRCUIT FOR POWERED DOOR MOTOR AND CONTROLS. COORDINATE FINAL CONNECTIONS WITH HARDWARE VENDOR.
- 5. ELECTRICAL CONNECTION FOR AUTOMATED PLUMBING FIXTURES. FIELD COORDINATE J-BOX AND FINAL MOUNTING LOCATION WITH PLUMBING CONTRACTOR. BOX TO BE CONCEALED AS MUCH AS POSSIBLE.
- 6. MOUNT POWER AND DATA RECEPTACLES BEHIND TV.
- '. PROVIDE JUNCTION BOX AND 120V POWER FOR MOTORIZED ROLL DOWN SHUTTERS. COORDINATE FINAL LOCATION WITH ARCHITECTURAL DRAWINGS.
- PROVIDE 120V, 20A ELECTRICAL CONNECTION FOR ACCESS CONTROL PANEL.
- 19. PROVIDE KEYED SWITCH FOR VESTIBULE STORE FRONT. MAKE CONNECTIONS TO ROLL DOWN GATE AS
- D. PROVIDE RECEPTACLE FOR RECIRCULATING PUMP. COORDINATE MOUNTING LOCATION WITH MECHANICAL CONTRACTOR.
- 1. EWH-1 DISCONNECT: 30A FRAME, 3-POLE, NON-FUSED.
- 22. DISCONNECT PROVIDED WITH EQUIPMENT. COORDINATE FINAL ELECTRICAL CONNECTIONS WITH MECHANICAL CONTRACTOR.
- . PROVIDE 120V ELECTRICAL CONNECTION FOR VAV-DIFFUSERS. LOCATE POWER MODULE/TRANSFOMER IN AN ACCESSIBLE LOCATION ABOVE CEILING. COORDINATE INSTALLATION WITH MECHANICAL



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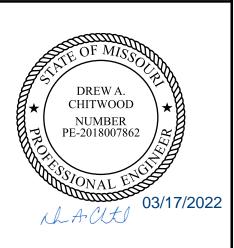
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PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



REVISIONS

NO. DESCRIPTION

02/15/2022 REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 5240368028 © 2022 RS&H, INC.

DATE ISSUED:

SHEET TITLE:

ELECTRICAL POWER & COMMUNICATIONS PLAN

SHEET ID:

PROJECT STATUS: PERMIT DOCUMENTS

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POWER & DATA PLAN

SHEET NOTES:

DOOR CONTACT TO BE INSTALLED ON ROOF HATCH.

. CCTV CAMERAS, DVR(S), MONITORS, SECURITY EQUIPMENT AND ASSOCIATED WIRING SHALL BE PROVIDED AND INSTALLED BY SECURITY VENDOR. THE E.C. SHALL PROVIDE AND INSTALL ALL REQUIRED RACEWAYS AND BOXES FOR THE SECURITY EQUIPMENT. THE E.C. SHALL PROVIDE POWER WHERE REQUIRED. THE E.C. SHALL COORDINATE FINAL LOCATIONS OF EQUIPMENT AND ALL WORK WITH THE

. COORDINATE CEILING MOUNTED EQUIPMENT WITH LIGHT FIXTURE AND MECHANICAL DIFFUSER LOCATIONS PRIOR TO ROUGH-IN.

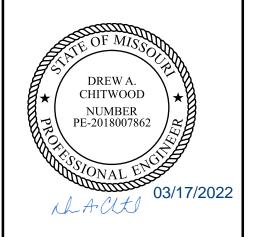
ATM SECURITY WIRING SHALL BE ROUTED THROUGH JUNCTION BOX AS SHOWN ON E201.



PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



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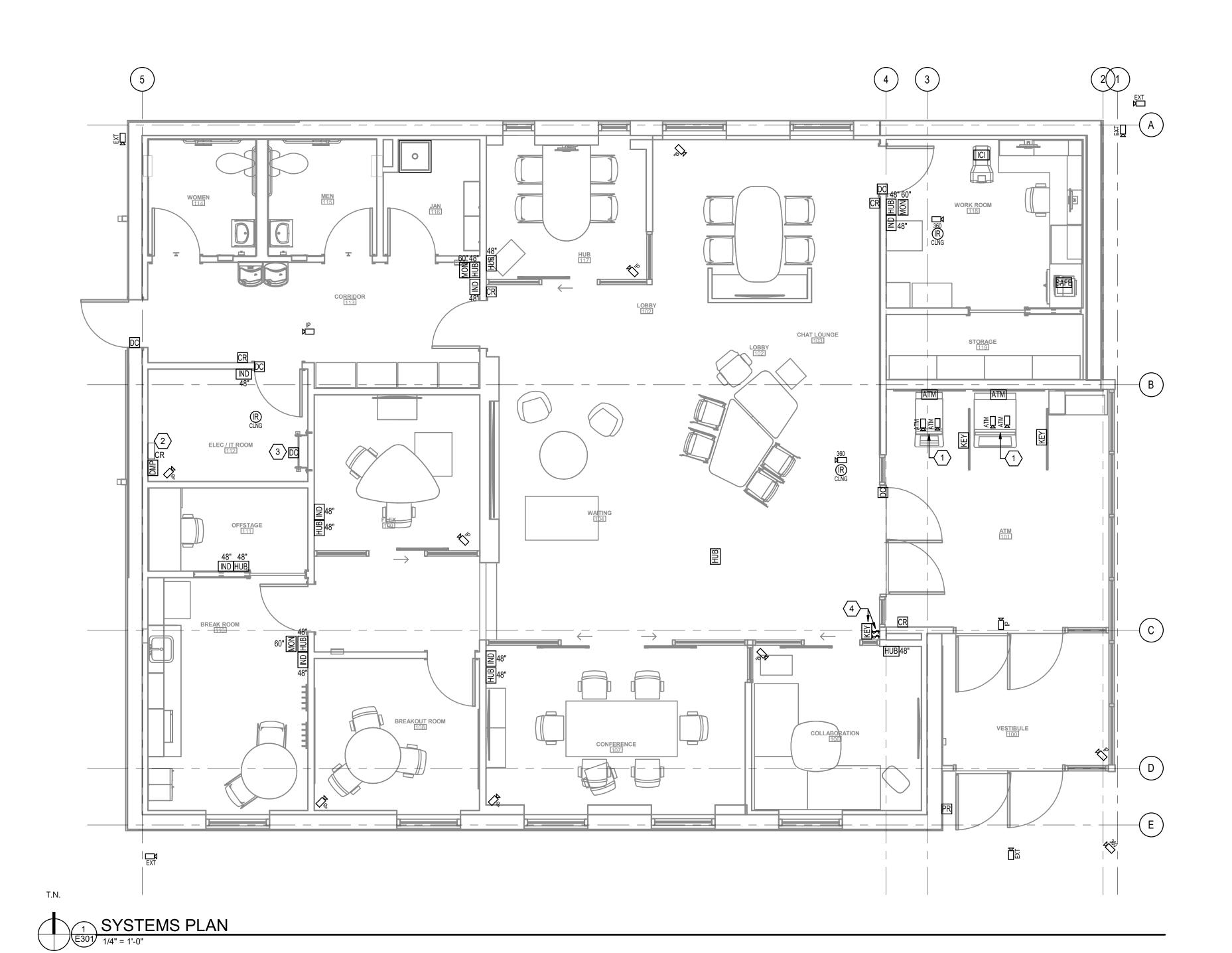
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ELECTRICAL SYSTEMS PLAN

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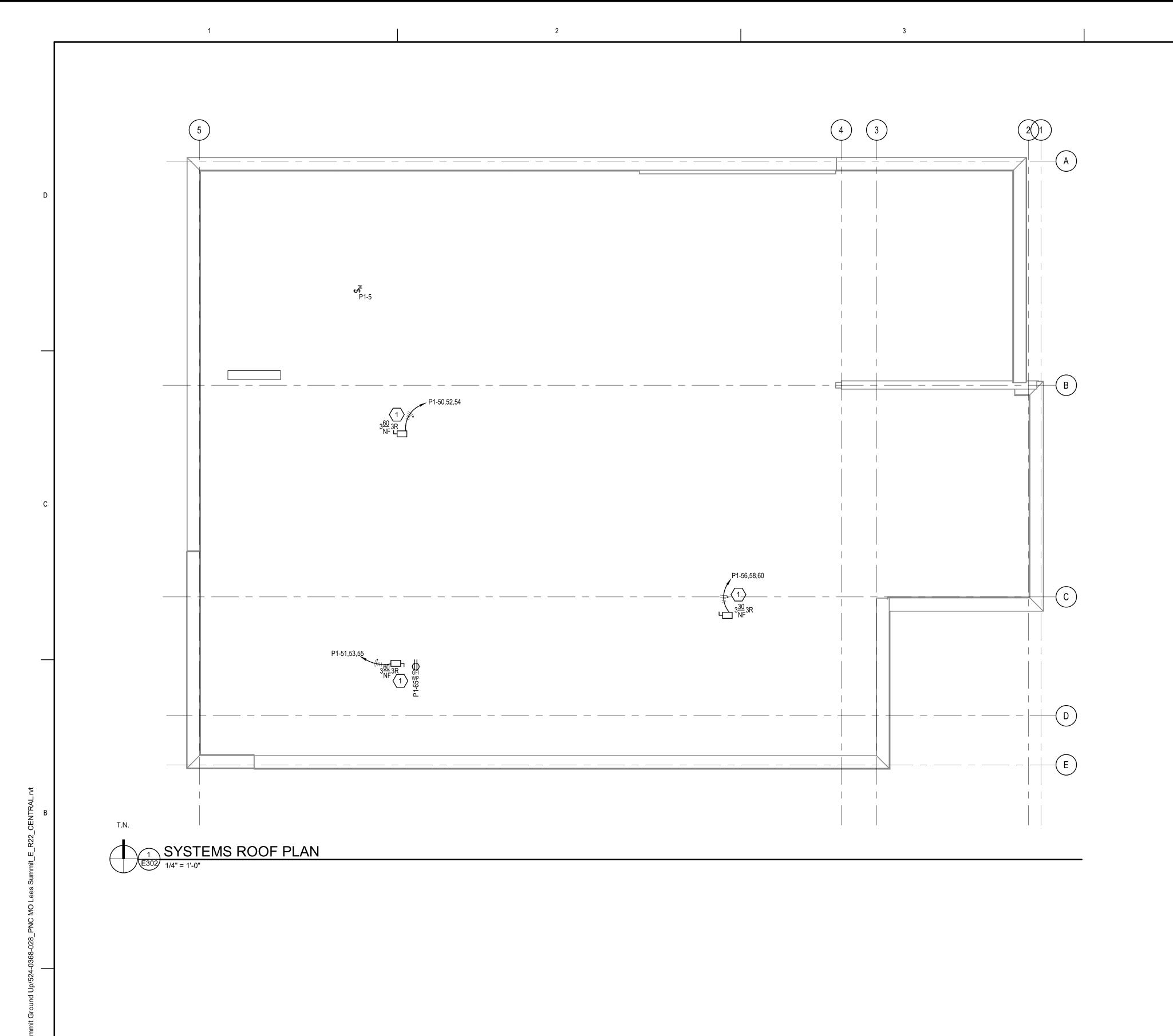
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2. ATM VESTIBULE DOOR CARD READER ACCESS CONTROL PANEL. THE COMPLETE OPERATING CARD ACCESS SYSTEM SHALL INCLUDE INSTALLATION AND WIRING OF ALL REQUIRED SYSTEM COMPONENTS. COORDINATE ADDITIONAL REQUIREMENTS WITH SECURITY VENDOR PRIOR TO ROUGH-IN. COORDINATE WITH PNC FOR FINAL LOCATION OF ALL SYSTEM COMPONENTS PRIOR TO ROUGH-IN OF ANY WORK FOR THIS SYSTEM. REFER TO DETAIL 2/E-401.

3-WAY TOGGLE MODE SWITCH. SEE DETAIL 4/E402 FOR MORE DETAILS. SECURITY ALARM KEYPAD AND 3-POSITION TOGGLE SWITCH SHALL BE STACKED.



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GENERAL NOTES:

A. REFER TO MECHANICAL PLANS FOR EXACT EQUIPMENT LOCATION AND ADDITIONAL INFORMATION. REFER TO E501 FOR MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE.

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SHEET NOTES:

ROOFTOP UNIT DISCONNECTS SHALL BE MOUNTED ON UNISTRUT FRAMING. REFER TO DETAIL 05/E401 FOR ADDITIONAL INFORMATION.



PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS:
WEST PRYOR DEVELOPMENT, LOT 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING,
LEE'S SUMMIT, MO 64081



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 DATE ISSUED:
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 REVIEWED BY:
 DAC

 DRAWN BY:
 SB

 DESIGNED BY:
 SB

 PROJECT NUMBER:
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SHEET TITLE:

ELECTRICAL SYSTEMS PLAN - ROOF

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SHEET ID:

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PROJECT TITLE:

PNC MO LEE'S SUMMIT

GROUND UP BRANCH

PROJECT ADDRESS:

WEST PRYOR DEVELOPMENT, LO

9A, NEW PRYOR RD. & NW SUMMIT

DOOR LOCKING DEVICE POWER SUPPLY FURNISHED WITH DOOR HARDWARE PACKAGE, INSTALLED AND WIRED BY E.C. - (1) 4 CONDUCTOR #18AWG STRANDED CABLE, BELDEN #6302UE DOOR LOCKING DEVICE FURNISHED WITH DOOR HARDWARE PACKAGE AND INSTALLED BY G.C. CABLE, BELDEN #6502UE -(1) 4 CONDUCTOR #22AWG STRANDED DIEBOLD "DMP" PANEL PARABIT CARD READER CONTROLLER LOCATED IN ELEC/IT 112 LOCATED IN ELEC/IT 112 (1) 8 CONDUCTOR #22AWG-(1) 8 CONDUCTOR #18AWG STRANDED -(1) 8 CUNDUCTON, CABLE, BELDEN #6360UE 3 STRANDED CABLE, BELDEN #6560UE CARD READER FURNISHED WITH PARABIT CONTROLLER AT EXTERIOR SWINGING VESTIBULE DOOR. NUMBERED NOTES

1. CABLE MARKERS-PANDUIT SELF LAMINATING TYPE PSWM. INDICATE THUS. EXAMPLE: "001-D1"

BOX #-OUTLET

"001-D2" "001-V1" "015-TV" IDENTIFY EACH CABLE SEGMENT AT EACH END.

2. LAMINATED NAMEPLATE-SIMILAR TO ABOVE-SEE DETAIL.

3. SUBMIT LISTING OF NAMEPLATES FOR APPROVAL.

CABLE MARKER DETAIL

NEMA 3R DISCONNECT SWITCH SIZED PER EQUIPMENT SCHEDULE SERVICE LIGHT (SEE LUMINAIRE SCHEDULE) DISCONNECT SWITCH LIQUID-TIGHT FLEX TO UNIT SIZED PER KEY NOTES, 3 FT. MAX TOGGLE LIGHT SWITCH MOUNTING HARDWARE: 12 GAUGE 1-5/8" X 1-5/8" FOR SERVICE LIGHT CONTINUOUS SLOT HOT DIPPED GALVANIZED CHANNEL (E.G. UNISTRUT) COMPLETE WITH 1-1/4" X 5/16" DIA, 10 THD SPRING NUTS, 5/16" HEX NUTS AND LOCK 120V DUPLEX RECEPTACLE MASHERS (TYPICAL) PATE PIPE CURB (OR - EXISTING ROOF AGC OR EMT BEND CONDUIT HOMERUN TO PANEL PER DISCONNECT SCHEDULE

ROOF DISCONNECT SWITCH DETAIL

SCALE: N.T.S

DIEBOLD FURNISHES AND INSTALLS DEVICE AND MAKES WIRE

E.C. FURNISHES AND INSTALLS 120VAC POWER. REFER TO E-201. LVC FURNISHES AND INSTALLS LOW VOLTAGE CABLE.

CARD READER/SECURITY INTERFACE

SCALE: N.T.S

AUDIO/BACKBONE SINGLE LINE DIAGRAM

SCALE: N.T.S

GROUND BAR DETAIL

SCALE: N.T.S

WOODS XING, LEE'S SUMMIT, MO 64081 CHITWOOD NUMBER PE-2018007862

LA-CLT

REVISIONS NO. DESCRIPTION

DATE ISSUED: REVIEWED BY: DRAWN BY:

DESIGNED BY: PROJECT NUMBER: 5240368028 © 2022 RS&H, INC.

SHEET TITLE:

ELECTRICAL DETAILS

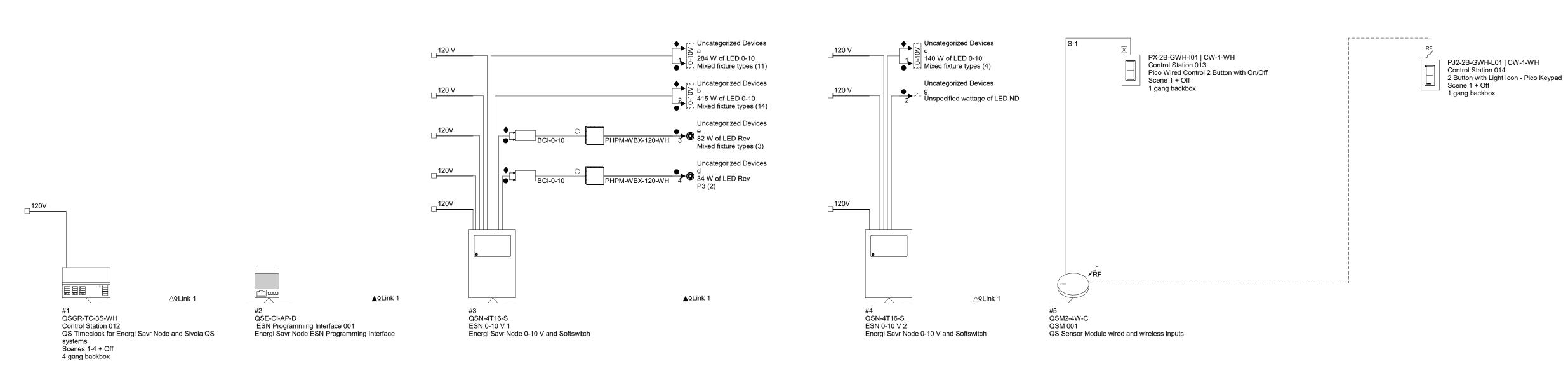
SHEET ID:

E401

PROJECT STATUS:

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PERMIT DOCUMENTS

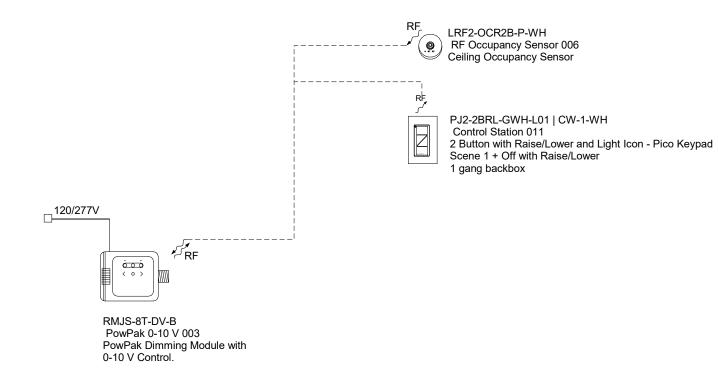


LIGHTING CONTROL SYSTEM WIRING DIAGRAM E402 SCALE: N.T.S

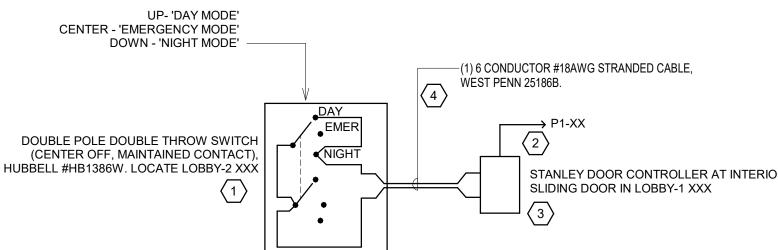
GENERIC LIGHTING CONTROL SYSTEM NOTES

- 1. ALL LUTRON LIGHTING CONTROL SYSTEM COMPONENTS ARE PNC FURNISHED THRU PNC'S LIGHTING VENDOR, VILLA LIGHTING, CONTACT: MATT KAESTNER, 314-633-0456, matt.kaestner@villalighting.com, EXCEPT FOR THE LOW VOLTAGE CABLES, WHICH SHALL BE BY E.C. PNC IS RESPONSIBLE FOR ORDERING AND PAYMENT OF THE LUTRON LIGHTING CONTROL SYSTEM.
- 2. THE E.C. SHALL PROVIDE VENDOR WITH SHIPPING ADDRESS TO CONTRACTOR'S WAREHOUSE. LIGHTING CONTROL SYSTEM SHALL NOT BE SHIPPED DIRECTLY TO SITE.
- 3. THE E.C. IS RESPONSIBLE FOR ACCEPTANCE AND STORAGE OF THE LIGHTING CONTROL SYSTEM AS WELL AS LABOR AND MATERIAL COSTS ASSOCIATED WITH INSTALLATION AND WIRING.
- 4. THE QS CONTROL LINK AND THE EcoSystem BOTH HAVE A FREE WIRING TOPOLOGY (DAISY CHAIN, T-TAP, ETC). THE SYSTEM WIRING ILLUSTRATED BY THIS DIAGRAM HAS BEEN LAID OUT TO ENSURE APPROPRIATE POWER TO EACH DEVICE. IF, FOR ANY REASON, THE SYSTEM IS TO BE WIRED DIFFERENTLY THAN WHAT IS SHOWN, CONFIRM ALL DEVICE POWER REQUIREMENTS ARE MET.
- 5. MAIN EXHAUST FAN (EF-1) TO BE CONTROLLED FROM LUTRON PANEL.

INSTALLATION OF LIGHTING CONTROL COMPONENTS SHALL COMPLY WITH MANUFACTURERS INSTRUCTIONS AND REQUIREMENTS



TYPICAL DIMMING CONTROLS DIAGRAM SCALE: N.T.S

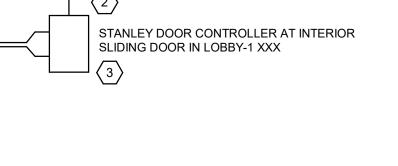


KEY NOTES1. E.C. FURNISHES SWITCH AND MAKES LOW VOLTAGE TERMINATIONS.

- STANLEY FURNISHES AND INSTALLS SLIDING DOOR AND CONTROLLER STANLEY MAKES ALL LOW VOLTAGE TERMINATIONS TO STANLEY DOOR CONTROLLER.
- 4. E.C. FURNISHES AND INSTALLS LOW VOLTAGE CABLE.

MS-A102-WH | CW-1-WH Control Station 001 120-277 V, 6 A Maestro switch with dual-technology occupancy and vacancy sensor, no neutral wire, Toggle On and Off with Auto On/Off

TYPICAL MOTION SWITCH CONTROLS DIAGRAM



- E.C. FURNISHES AND INSTALLS 120VAC POWER. REFER TO E-201.

SEQUENCE OF OPERATION DAY OPERATION: ALL SENSORS OPERATE

SENSOR ON THE LOBBY-1 XXX SIDE OF THE DOOR IS DISABLED. SENSOR ON THE LOBBY-1 XXX SIDE OF THE DOOR OPERATES NORMALLY.

EMERGENCY OPERATION: SENSORS ON BOTH SIDES OF THE DOOR ARE DISABLED.

SLIDING DOOR DAY/NIGHT/EMERGENCY CONTROL

SCALE: N.T.S

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RS&H, Inc.

4582 S ULSTER STREET SUITE 1100, DENVER, CO 80237 303-409-9700 FAX 303-409-9701

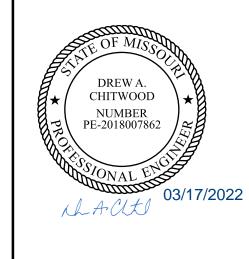
www.rsandh.com MO LICENSE NOS. 2003019618 * 2003019636



PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO 9A. NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



NO.	DESCRIPTION	DATE
110.	DEGOTAL FIGH	DAIL
DATE ISS	UED:	02/15/2022
REVIEWE	D BY:	DAC

DRAWN BY: DESIGNED BY: PROJECT NUMBER: 5240368028 © 2022 RS&H, INC.

SHEET TITLE:

ELECTRICAL DETAILS

SHEET ID:

E402

GENERAL NOTES: ALL FEEDER CONDUCTORS SHALL BE SIMPULL OR EQUAL COPPER UNLESS OTHERWISE NOTED. ALL SERVICE, FEEDER AND BRANCH CIRCUIT CONDUCTOR

CONDUIT SIZE IS NEC MINIMUM. CONTRACTOR, AT HIS OPTION, AND AT NO ADDITIONAL EXPENSE TO THE OWNER, MAY INCREASE SIZE ON LONG RUNS TO AID IN CONDUCTOR PULLING.

INSULATION SHALL BE THHN/THWN.

- PER NEC ARTICLES 110.9 AND 110.10, THE INTERRUPTING RATING OF THE OVERCURRENT PROTECTIVE DEVICES AND THE SHORT CIRCUIT CURRENT RATING OF THE EQUIPMENT SHALL MEET OR EXCEED THE MINIMUM VALUES LISTED FOR THE SWITCHBOARDS AND PANELBOARDS.
- ASSUMING ONE 150KVA UTILITY TRANSFORMER FOR THE SERVICE ENTRANCE SWITCHBOARD AT 1.07%Z, THE ESTIMATED AVAILABLE FAULT CURRENT FROM THE UTILITY TRANSFORMER IS 43,237 AMPS SYMMETRICAL AT AN INFINITE
- A WRITTEN RECORD OF THE GROUND FAULT PERFORMANCE TEST RESULTS SHALL BE MADE AVAILABLE EITHER TO THE ELECTRICAL INSPECTOR OR THE ELECTRICAL PLANS EXAMINER PRIOR TO THE FINAL ELECTRICAL INSPECTION.

KEY NOTES:

NEW HEAVY-DUTY DISCONNECT SWITCH 3PH-SOLID NEUTRAL, 208VAC, 400A MAX-400A FUSES 18,000 AIC, NEMA 3R- SERVICE ENTRANCE RATED. PROVIDE (1) #1/0 GROUND TO GROUND ROD, BUILDING STEEL, FOUNDATIONAL

STEEL & COLD WATER PIPE FOR NEC REQUIRED GROUNDING ELECTRODE AND

- SUPPLEMENTAL GROUNDING ELECTRODE PER NEC 250. EXPOSED CONDUIT SHALL BE PAINTED TO MATCH WALL COLOR AS APPLICABLE. COORDINATE EXACT COLOR WITH ARCHITECTURAL AND LANDLORD PRIOR TO
- NEW MANUAL TRANSFER SWITCH, ESL 3020 SERIES #SSD2-400C-208-311-S-C, FURNISHED BY PNC AND INSTALLED BY E.C. FOR PORTABLE GENERATOR CONNECTION. COORDINATE EXACT LOCATION ON EXTERIOR OF BUILDING WITH
- NEW SURGE PROTECTION DEVICE, EATON #SPD-120-208Y-2-K OR APPROVED EQUAL. MOUNT ADJACENT TO PANEL, COORDINATE BREAKER AND FEEDER SIZE

	F	EEDER SCHE	DULE (C	OPPER)		
FEEDER DESIGNATION	SETS	CONDUCTOR SIZE (PROVIDE FOR 3¢ CONDUCTORS)	NEUTRAL SIZE	GROUND SIZE	CONDUIT (3W+G)	CONDUIT (4W+G)
20	1	#12	#12	#12	1/2"	1/2"
30	1	#10	#10	#10	3/4"	3/4"
40	1	#8	#8	#10	3/4"	1"
50	1	#6	#6	#10	1"	1"
60	1	#4	#4	#8	1-1/4"	1-1/4"
70	1	#4	#4	#8	1-1/4"	1-1/4"
80	1	#3	#3	#8	1-1/4"	1-1/2"
90	1	#2	#2	#8	1-1/4"	1-1/2"
100	1	#1	#1	#8	1-1/2"	2"
125	1	#1/0	#1/0	#6	1-1/2"	2"
150	1	#1/0	#1/0	#6	1-1/2"	2"
175	1	#2/0	#2/0	#6	2"	2"
200	1	#3/0	#3/0	#6	2"	2-1/2"
225	1	#4/0	#4/0	#4	2-1/2"	2-1/2"
250	1	250 kcmil	250 kcmil	#4	2-1/2"	3"
275	1	300 kcmil	300 kcmil	#4	2-1/2"	3"
300	1	350 kcmil	350 kcmil	#4	3"	3"
350	1	500 kcmil	500 kcmil	#3	3"	3-1/2"
400	2	#3/0	#3/0	#3	2"	2-1/2"
500	2	250 kcmil	250 kcmil	#2	2-1/2"	3"
600	2	350 kcmil	350 kcmil	#1	3"	3"
800	3	300 kcmil	300 kcmil	#1/0	2-1/2"	3"
1000	3	400 kcmil	400 kcmil	#2/0	3"	3-1/2"
1200	4	350 kcmil	350 kcmil	#3/0	3"	3"
1400	4	500 kcmil	500 kcmil	#4/0	3-1/2"	4"
1600	5	400 kcmil	400 kcmil	#4/0	3-1/2"	4"
2000	6	400 kcmil	400 kcmil	250 kcmil	3"	4"
3000	8	500 kcmil	500 kcmil	400 kcmil	4"	4"
4000	12	400 kcmil	400 kcmil	500 kcmil	3-1/2"	4"
NOTES:						

- A. FEEDER DESIGNATION WITH SUBSCRIPT "G" INDICATES THREE PHASE CONDUCTORS AND ONE EQUIPMENT GROUNDING CONDUCTOR.
- B. FEEDER DESIGNATION WITH SUBSCRIPT "NG" INDICATES THREE PHASE CONDUCTORS, ONE NEUTRAL CONDUCTOR AND ONE EQUIPMENT GROUNDING CONDUCTOR. C. FEEDER DESIGNATION WITH SUBSCRIPT "NNG" INDICATES THREE PAHSE CONDUCTORS, TWO NEUTRAL
- CONDUCTORS AND ONE EQUIPMENT GROUNDING CONDUCTOR. D. FEEDER DESIGNATION WITH SUBSCRIPT "N" INDICATED THREE PHASE CONDUCTORS AND ONE NEUTRAL

Δ1	HVAC	RTU-03
AL	HVAC	FH-01

		9	SHORT C	IRCUIT S	CHEDUL	.E				
Т	DESCRIPTION	SHORT CIRCUIT (Isc SYM RMS)	MULTIPLIER (M)	F FACTOR (F)	CONSTANT (C x n)	LINE-LINE VOLTAGE (V)	LENGTH OF RUN (L)	CURRENT AVAILABLE	XFMR RATED (kVA)	XFMR IMPED (%Z)
	AVAILABLE AT XFMR SECONDARY	43,237								
	SERVICE DISCONNECT	28,211	0.652	0.533	25,686	208	38	43,237		
	MTS-1	25,632	0.909	0.101	25,686	208	11	28,211		
	PANEL P1	22,791	0.808	0.238	25,686	208	26	28,211		
	RTU-1	8,374	0.367	1.722	2,425	208	22	22,791		
	RTU-2	3,662	0.161	5.223	981	208	27	22,791		
	RTU-3	2,302	0.101	8.899	981	208	46	22,791		

PRIOR TO ROUGH-IN.

Isc = (M = 1/ F = (1 C = V/ EL-L = L = LE n = NU	2 3 E LINE TO LINE SHORT CIRCUIT CALCULA (lavailable)*M /(1+F) 1.73 x L x lavailable)/(C x n x EL-L) PALUES FOUND IN BUSSMANN SPD HANG E LINE TO LINE VOLTAGE ENGTH OF RUN IN FEET UMBER OF CONDUCTORS PER PHASE	DBOOK FOR CONDUC		1.722 5.223 8.899	2,425 981 981	208 208 208	22 27 46	22,791 22,791 22,791	
X7 RTU-3 HREE (3) PHASE Isc = (M = 1/ F = (1 C = VA EL-L = L = LE n = NU	3 E LINE TO LINE SHORT CIRCUIT CALCULA (lavailable)*M /(1+F) 1.73 x L x lavailable)/(C x n x EL-L) VALUES FOUND IN BUSSMANN SPD HANG = LINE TO LINE VOLTAGE ENGTH OF RUN IN FEET UMBER OF CONDUCTORS PER PHASE	2,302 ATIONS: DBOOK FOR CONDUC	0.101 TORS AND BUS\	8.899				· · · · · · · · · · · · · · · · · · ·	
HREE (3) PHASE sc = (M = 1/ F = (1 C = V/ EL-L = L = LE n = NU	E LINE TO LINE SHORT CIRCUIT CALCULA (lavailable)*M /(1+F) 1.73 x L x lavailable)/(C x n x EL-L) /ALUES FOUND IN BUSSMANN SPD HANI = LINE TO LINE VOLTAGE ENGTH OF RUN IN FEET UMBER OF CONDUCTORS PER PHASE	ATIONS: DBOOK FOR CONDUC	TORS AND BUS\		981	208	46	22,791	
Isc = (M = 1/ F = (1 C = V/ EL-L = L = LE n = NU	(lavailable)*M /(1+F) 1.73 x L x lavailable)/(C x n x EL-L) 'ALUES FOUND IN BUSSMANN SPD HANI = LINE TO LINE VOLTAGE ENGTH OF RUN IN FEET UMBER OF CONDUCTORS PER PHASE	DBOOK FOR CONDUC		NAY					
THE SAME CALCII	II ATIONO FOR OINOLE (4) BUAGE LINE I	FOLINE EVALUE CHA	NOTO.						
	JLATIONS FOR SINGLE (1) PHASE LINE T 2 x L x lavailable)/(C x n x EL-L)	IO LINE, F VALUE CHA	INGES:						
	JLATIONS FOR THE FAULT CURRENT AT sc,primary x Vprimary x 1.73 x %Z)/(100,000		DE OF THE TRAN	NSFORMER, F V	ALUE CHANGES:				
NOTE: SHORT CIR	RCUIT CALCULATIONS ARE BASED ON B	RUSSMAN POINT TO PO	OINT METHOD						
OTE. SHORT GIR	TOUT CALCULATIONS ARE BASED ON B								

15 17 19 21 25 27 33 35 37 39 41	LGT: INTERIOR LTG: EXTERIOR EF-1, EF-2 RCPT: RR/JAN/CORR RCPT: DEDICATD QUAD IT RACK RCPT: L5-30R DEDICATED RCPT: DEDICATED QUAD ELEC 112 RCPT: OFFSTAGE 111 PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 15 20 20 20 20 20 20 20 20 20 20 20 20 20	#P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.5	0.3 0.4 0.7	0.7	0.5 0.4	0.4	1.0	#P 1 1 1 1	20 20 20 20 20 20	LOAD I LTG: INTERIOR LTG: EXTERIOR SI RCPT: T.R. 114/115 RCPT: CORR 113 V	IGNAGE 5	# 2 4 6
1 3 5 7 9 11 13 15 21 23 25 27 29 31 33 35 37 41 43	LGT: INTERIOR LTG: EXTERIOR EF-1, EF-2 RCPT: RR/JAN/CORR RCPT: DEDICATD QUAD IT RACK RCPT: L5-30R DEDICATED RCPT: DEDICATED QUAD ELEC 112 RCPT: OFFSTAGE 111 PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 15 20 20 20 20 20 20 20 20 20 20 20 20	1 1 1 1 1 1 1 1 1 1 1 1	0.5	0.3	0.7	0.5	0.4		1 1 1	20 20 20 20	LTG: INTERIOR LTG: EXTERIOR SI RCPT: T.R. 114/115	IGNAGE 5	4
3 5 7 9 11 15 17 19 21 23 25 27 31 33 35 37 39 41 43	LTG: EXTERIOR EF-1, EF-2 RCPT: RR/JAN/CORR RCPT: DEDICATD QUAD IT RACK RCPT: L5-30R DEDICATED RCPT: DEDICATED QUAD ELEC 112 RCPT: OFFSTAGE 111 PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 15 20 20 20 20 20 20 20 20 20 20 20 20	1 1 1 1 1 1 1 1 1 1 1	0.5	0.4	0.4	0.4		1.0	1	20 20 20	LTG: EXTERIOR SI RCPT: T.R. 114/115	5	4
5 7 9 11 13 15 17 21 23 25 27 31 33 35 37 41 43	EF-1, EF-2 RCPT: RR/JAN/CORR RCPT: DEDICATD QUAD IT RACK RCPT: L5-30R DEDICATED RCPT: DEDICATED QUAD ELEC 112 RCPT: OFFSTAGE 111 PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	15 20 20 20 20 20 30 20 20 20 20 20 20	1 1 1 1 1 1 1 1 1 1	0.4	0.7	0.4	0.4		1.0	1	20 20	RCPT: T.R. 114/115	5	_
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9 11 13 15 17 19 21 23 25 27 33 35 37 39 41 43	RCPT: DEDICATD QUAD IT RACK RCPT: L5-30R DEDICATED RCPT: DEDICATED QUAD ELEC 112 RCPT: OFFSTAGE 111 PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 20 20 30 20 20 20 20 20 20	1 1 1 1 1 1 1 1	0.4	0.7			0.4		_ '	_	1101 1. OOTAT 110 V		8
11 13 15 17 19 21 25 27 31 33 35 37 41 43	RCPT: L5-30R DEDICATED RCPT: DEDICATED QUAD ELEC 112 RCPT: OFFSTAGE 111 PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 30 20 20 20 20 20 20 20	1 1 1 1 1 1 1 1					0.4		1	1 70	RCPT: DEDICATED		10
13 15 17 19 21 25 27 31 33 35 37 41 43	RCPT: DEDICATED QUAD ELEC 112 RCPT: OFFSTAGE 111 PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 30 20 20 20 20 20 20	1 1 1 1 1 1			0.5	4 -		0.4	1	20	RCPT: L5-30R DED		12
15 17 19 21 25 27 33 35 37 39 41	RCPT: OFFSTAGE 111 PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 30 20 20 20 20 20 20	1 1 1 1 1			0.5	4 -	J.7	0.4	1	20	RCPT: ELEC 112	TOATED	14
17 19 21 25 27 31 33 35 37 41 43	PWR: DU ATM RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	30 20 20 20 20 20 20 20	1 1 1 1	1.4	1.2	0.5	1.5			1	20	RCPT: FRIDGE		1
19 23 25 27 33 35 37 39 41 43	RCPT: COFFEE MAKER BRK RM 110 RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 20 20 20 20 20	1 1 1	1.4	1.2	1	1.5	2.0	0.2	1	20	PWR: FAUCET BRI		1
21 25 25 27 31 33 35 37 39 41 43	RCPT: BRK RM 110 RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 20 20 20 20	1 1 1	1.4	1.4			2.0	0.2	-	20	RCPT: MICROWAV		+
23 25 27 31 33 35 37 39 41	RCPT: BREAKOUT 108 RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 20 20	1			0.7	0.0			1	_	RCPT: MICROWAV		2
25 27 31 33 35 37 39 41	RCPT: CONFERENCE 107 RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20 20	1			0.7	0.2	0.7		1	20		RK RIVI I IU	2
27 29 31 33 35 37 39 41	RCPT: COLLAB 106 RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20 20		0.0	0.4			0.7	0.9	1	20	RCPT: FLEX 109	105.407	2
29 31 33 35 37 39 41	RCPT: GATHERING 105 RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY	20		0.9	0.4					1	20	RCPT: CONFEREN	CE 107	2
31 33 35 37 39 41	RCPT: ICI MACHINE RCPT: WRK RM 118 PWR: DU ATM CANOPY		1			0.7	0.7			1	20	RCPT: HUB 117		2
33 35 37 39 41	RCPT: WRK RM 118 PWR: DU ATM CANOPY	20	1					0.7	1.4	1		RCPT: PRINTER W		3
35 37 39 41	PWR: DU ATM CANOPY		1	0.6	0.7					1	20	RCPT: WRK RM 11		3
37 39 41		20	1			0.4	0.6			1	20	PWR: PRINTER WE	RK RM 118	3
39 41 43	CDADE	20	1					2.0	0.5	1	20	VAV-DIFFUSERS		3
41 43	' SPARE	20	1	0.0	0.0					1	20	SPARE		3
43	SPARE	20	1			0.0	0.0			1	20	SPARE		4
_	SPARE	20	1					0.0	0.0	1	20	SPARE		4
	RCPT: MONITOR WRK RM 118	20	1	0.2	0.2					1	20	RCPT: MONITOR W	VRK RM 118	4
45	RCPT: WAITING 103/LOBBY 102	20	1			0.4	1.2			1	20	RCPT: ATM		4
47	RCPT: ATM	20	1					1.2	1.4	1	20	PWR: DOORS		4
49	PWR: DOORS	20	1	0.7	3.7									5
₂₀ 51						3.2	3.7			3	45	RTU-1		5
,∪	RTU-2	30	3					3.2	3.7					54
ng 55				3.2	2.7									5
te 57	,					0.6	2.7			3	30	RTU-3		5
59	— ⊢ H_1	20	2					0.6	2.7					6
61		20	1	1.0	0.8									6
	B PWR: SHUTTERS	20	1		1.0	1.0	0.8			2	20	EWH-1		6
	5 RCPT/LGT: ROOFTOP	20	1			1.0	5.5	0.6	1.0	1	20	PWR: SHUTTERS		6
67		20	1	0.5	0.5			5.0	1.0	1	20	RCPT: LIGHT BOX		6
	LGT: EXTERIOR SIGNAGE	20	1	0.0	0.0	0.5	0.2		-0	1_	-20 -20-	ROPT: REGIRCHLA		Z
71		20	1			0.0	5.2	0.3	0.6	1	20	LGT: SITE	·· An An An	7
7 1 73		20	1	0.0	0.0			0.0	J.0	سرايس		SPARE COL	. n.n.n	Z
75 75		20	1	0.0	0.0	0.0	0.0			1	- 20-	SPARE		7
_			1			0.0	0.0			1		SPACE		7
77 70										-				+
79			1							1		SPACE		8
81			1							1		SPACE		8
83	S SPACE		1 (k)/A)-	20.0) I/\/A	24.4	L\ / A	 25 0		1		SPACE		8
	TOTAL I	LOAD (LL LOA			8 kVA 86 A		· kVA 9 A		8 kVA 6 A	İ				
	CLASSIFICATION		INECT				9 A ACTOR		о А Г. DEM	ΔΝΓ		DANEI	TOTALS	
Coolin			0768 V			100.009			80768 V			- ANLL	IJIALU	_
HVAC	-		500 VA		_	100.00%			500 VA		TΩ	TAL CONN. LOAD:	69504 VA	
Heatin			1200 V			100.00%			1200 VA			AL EST. DEMAND:		
_ightin			1276 V		_	125.00%			5345 V		.51	TOTAL CONN.:		
ower	•		5860 V			125.00%			9825 V		TOT	AL EST. DEMAND:		_
Recep			6900 V		_	79.59%			3450 V		† · · · ·		-	
								·						

PANEL P1

RS&H, Inc. **4582 S ULSTER STREET SUITE 1100, DENVER, CO 80237** 303-409-9700 FAX 303-409-9701

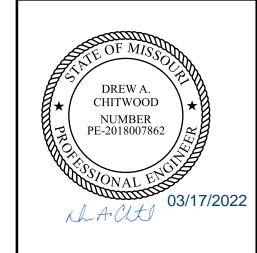
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PROJECT TITLE:

PNC MO LEE'S SUMMIT GROUND UP BRANCH

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



DEVISIONS

NO. DESCRIPTION DATE				
1	PERMIT COMMENTS 01	03/17/2022		

DATE ISSUED: 02/15/2022 REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 5240368028

> © 2022 RS&H, INC. SHEET TITLE:

ELECTRICAL RISER DIAGRAM AND

SCHEDULES

SHEET ID:

ESCRIPT	TION TITLE TITLE				1/(1 01(L	SCHEDULE		T
TYPE	DESCRIPTION	MOUNTING	LAMI TYPE	PS WATTS	MANUFACTURER	APPROVED CATALOG NUMBER	VOLTAGE	- REMARKS
В	2' X 2' RECESSED ARCHITECTURAL LED TROFFER, 3300 LUMENS, 3500K	RECESS	LED	27	CREE	CR22-20L35K-10V-HD	120	
BE	2' X 2' RECESSED ARCHITECTURAL LED TROFFER, 3300 LUMENS, 3500K, PROVIDE WITH EMERGENCY BATTERY BACK-UP	RECESS	LED	27	CREE	CR22-20L-35K-10V-EB14	120	PROVIDE EMERGENCY DRIVER SHALL BE SELF-TESTING BATTERY BACK-UP WITH 1400 LU OUTPUT
D1	6" ROUND OPEN ARCHITECTURAL LED DOWNLIGHT, CLEAR REFLECTOR, MEDIUM DISTRIBUTION, SEMI-SPECULAR FINISH, 1000 LUMENS, 3500 K	RECESS	LED	18	CREE	KR6-20L-35K-120V-10V/KR6T-FF	120	
Н	4' LENSED LED SUSPENDED LED FIXTURE 3000 LUMENS, SNAP ON FROSTED DIFFUSER, 3500K	SUSPENDED	LED	25.0	CREE	4SNLED-LDS-305L-UNV-L835-CDU-1 (LENS) SNLED-LENS-LW-4FT-U	120	
HE	4' LENSED LED SUSPENDED LED FIXTURE 3000 LUMENS, SNAP ON FROSTED DIFFUSER, 3500K WITH EMERGENCY BATTERY BACK-UP	SUSPENDED	LED	25.0	CREE	4SNLED-LDS-305L-UNV-L835-CDU-1 (LENS) SNLED-LENS-LW-4FT-U	120	PROVIDE EMERGENCY BATTERY PACK
J1	LED VAPOR TIGHT FIXTURE, 4000K	SURFACE	LED	14	C-LITE	C-VT-A-SMCL-9L-40K-GR	120	MOUNT ON UNISTRUT. SEE DETAIL 5/E401.
L1	LINEAR FLUSH MOUNTED 3500K	RECESS	LED	4/FT	MARK	SL2L-LOP-'X'-FLP-WFL-80CRI-35K-400LMF-MIN1-120-ZT	120	PROVIDE EMERGENCY SECTION E10WLCP WHERE INDICATED ON PLANS.
L2	LINEAR SURFACE MOUNTED LED, 3500K	WALL/ SURFACE	LED	17	TROV	L50-E-48"-04-40-80-MULT-LOL	120	PROVIDE ALL NECESSARY MOUNTING AND WIRING ACCESSORIES AS NEEDED. MOUNT ON DIRECT BEAM TOWARDS WALL.
L4	LINEAR FLUSH MOUNTED LED, 3500K	RECESS	LED	12	FOCAL POINT	FSM2PR-ALH-FL0-250LF-35K-1-UNV-LD1-XFF-2'	120	
L4-6	LINEAR FLUSH MOUNTED LED, 3500K	RECESS	LED	18	FOCAL POINT	FSM2PR-ALH-FL0-250LF-35K-1-UNV-LD1-XFF-6'	120	
L4-6E	LINEAR FLUSH MOUNTED LED, 3500K WITH EMERGENCY BATTERY BACK-UP	RECESS	LED	18	FOCAL POINT	FSM2PR-ALH-FL0-250LF-35K-1-UNV-LD1-XFF-EM-6'	120	
L4-14	LINEAR FLUSH MOUNTED LED, 3500K	RECESS	LED	36	FOCAL POINT	FSM2PR-ALH-FL0-250LF-35K-1-UNV-LD1-XFF-14'	120	
P1	48" LED PENDANT, 3000K, ELV/TRIAC DIMMABLE	PENDANT	LED	32	TECH LIGHTING	700BOD-48-xx-LED930	120	COORDINATE SELECTION WITH ARCHITECTURAL
P2	30" LED PENDANT, 3000K, ELV/TRIAC DIMMABLE	PENDANT	LED	32	TECH LIGHTING	700BOD-30-xx-LED930	120	COORDINATE SELECTION WITH ARCHITECTURAL
P3	24" LED PENDANT, 3000K, ELV/TRAIC DIMMABLE	PENDANT	LED	16	TECH LIGHTING	700BOD-24-XX-LED930	120	COORDINATE STEM LENGTH AND COLOR WITH ARCHITECTURAL
P4	4" LED PENDANT, 3000K, 0-10V DIMMING	PENDANT	LED	10	OCL	AS1-P1FC-04-WF-BKP-LED1-35K-UNV-48-DM1-MOD	120	HANG FIXTURE 11'-0" AFF TO BOTTOM OF FIXTURE. MODIFIED WITH 6" BODY STEM PAINTED BLACK (BKP) POWER CORD TO BE BLACK.
P4E	4" LED PENDANT, 3000K, 0-10V DIMMING WITH EMERGENCY BATTERY BACK-UP.	PENDANT	LED	10	OCL	AS1-P1FC-04-WF-BKP-LED1-35K-UNV-48-DM1-MOD	120	HANG FIXTURE 11'-0" AFF TO BOTTOM OF FIXTURE. MODIFIED WITH 6" BODY STEM PAINTED BLACK (BKP) POWER CORD TO BE BLACK. PROVIDE WITH EMERGENCY BATTERY BACK UP.
UC	LED UNDERCABINET FIXTURE. MOUNT TO UNDERSIDE OF CABINET. LENGTHS MAY VARY, VERIFY EXACT LENGTH REQUIRED WITH ARCHITECTURAL ELEVATIONS	SURFACE	LED	10	PHILIPS	523-0000027-72 [9.5"] / 523-0000002-73 [19.25"]	120	
W	LED WALL SCONCE, EXTERIOR, 3500K, 80 CR	WALL MOUNT	LED	15	C-LITE	C-WP-A-FCA-03-40K-DB	120	MOUNT 9' AFG.
\ ^E \~	LED BOLLARD, 4000K	SUBFACE			A BEGA	84601-K4	~~~ ¹² ~~	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
T1	AREA LIGHT FIXTURE WITH DIRECT ARM MOUNT AT 90 DEGRESS, 23 FT ABOVE FINISHED GRADE	POLE	LED	129	MCGRAW-EDISON	FIXTURE: GLEON-SA2C-740-U-SL4-BZ POLE: SSA4M20WCN1GV	MVOLT	
T2	AREA LIGHT FIXTURE WITH TWO DIRECT ARM MOUNT AT 180 DEGRESS, FIXTURES INSTALLED AT 90 DEGREES, 23 FT ABOVE FINISHED GRADE	POLE	LED	258	MCGRAW-EDISON	FIXTURE: GLEON-SA2C-740-U-SL4-BZ POLE: SSA4M20WCN2GV	MVOLT	
$\overline{}$	EXIT SIGN, NUMBER OF SIDES AND DIRECTIONAL AREAS AS INDICATED ON PLANS	RECESS	$\overline{}$	~~~	ACUITY	EDGR 1 G EL SD	120	SEE LICHTING DI ANI EOD EVIT SIGNI DIDECTIONAL ADDOMS DOCUME WAY

1. LIGHT FIXTURES ARE PNC FURNISHED THRU VILLA LIGHTING. REFER TO MATRIX OF RESPONSIBILITY ON G-001. VILLA LIGHTING CONTACTS: MATT KAESTNER, 314-633-0456, matt.kaestner@villalighting.com OR, DAN PUELLMAN, 314-633-0472, dan.puellman@villalighting.com. THE E.C. IS RESPONSIBLE FOR CONTACTING VILLA LIGHTING TO OBTAIN PRICING TO INCLUDE IN HIS BID. PNC WILL ORDER LIGHT FIXTURES.

2. E.C. SHALL PROVIDE VILLA LIGHTING WITH SHIPPING ADDRESS TO CONTRACTOR'S WAREHOUSE. LIGHT FIXTURES SHALL <u>NOT</u> BE SHIPPED DIRECTLY TO SITE.

				FLOO	R BOX SCHEDULE		
TYPE	MANUFACTURER	MODEL NUMBER	COVER	POWER DEVICES	A/V DEVICES	TELE/DATA DEVICES	NOTES
Α	WIREMOLD "EVOLUTION" SERIES	EFB45S-OG	EFB45CTCBK	(1) LeGRAND EFB8-MB MOUNTING BRACKET & (1) LeGRAND EFB810-DIV DIVIDER. PROVIDE (2) DUPLEX RECEPTACLES WITH USB CHARGING PORTS, HUBBELL USB20X2W AND (2) DEVICE PLATES, LeGRAND EFB10-DEC	(1) LeGRAND EFB-MAAP DEVICE PLATE IN ONE LOW VOLTAGE OPENING OF THE EFB8-MB MOUNTING BRACKET FOR HDMI OR USB DEVICES AS INDICATED ON THE DRAWINGS. (2) HDMI DEVICES - LeGRAND #AV3000BK (2) BLANK COVERS - LeGRAND #AV9003BK	TELE/DATA JACKS SHALL UTILIZE ONE LOW VOLTAGE OPENING IN TH EEFB8-MB MOUNTING BRACKET. REFER TO E-201 FOR QUANTITY OF JACKS. JACKS AND MOUNTING PLATE FURNISHED BY PNC COMMUNICATIONS VENDOR.	VERIFY EXACT FLOOR BOX LOCATION WITH PNC AND FURNITURE VENDOR PRIOR TO ROUGH-IN. BLACK IS SPECIFIED AS THE COLOR OF THE FLOOR BOX COVER. THE E.C. SHALL COORDINATE THE COLOR WITH PNC PRIOR TO ORDERING. THE DIVIDER SHALL BE INSTALLED TO PROVIDE (2) OPENINGS IN THE MOUNTING BRACKET FOR POWER AND (2) OPENINGS IN THE MOUNTING BRACKET FOR LOW VOLTAGE DEVICES. LOW VOLTAGE COMPARTMENT SHALL BE LOCATED ON THE SIDE OF THE BOX WHERE THE 2"C. ROUGH-IN LOCATION IS.
В	WIREMOLD "EVOLUTION" SERIES	EFB45S-OG	EFB45CTCBK	(1) LeGRAND EFB8-MB MOUNTING BRACKET & (1) LeGRAND EFB810-DIV DIVIDER. PROVIDE (2) DUPLEX RECEPTACLES WITH USB CHARGING PORTS, HUBBELL USB20X2W AND (2) DEVICE PLATES, LeGRAND EFB10-DEC	N/A PROVIDE(1) BLANK COVER FOR ONE LOW VOLTAGE OPENING, LeGRAND #EFB-B	TELE/DATA JACKS SHALL UTILIZE ONE LOW VOLTAGE OPENING IN TH EEFB8-MB MOUNTING BRACKET. REFER TO E-201 FOR QUANTITY OF JACKS. JACKS AND MOUNTING PLATE FURNISHED BY PNC COMMUNICATIONS VENDOR.	VERIFY EXACT FLOOR BOX LOCATION WITH PNC AND FURNITURE VENDOR PRIOR TO ROUGH-IN. BLACK IS SPECIFIED AS THE COLOR OF THE FLOOR BOX COVER. THE E.C. SHALL COORDINATE THE COLOR WITH PNC PRIOR TO ORDERING. THE DIVIDER SHALL BE INSTALLED TO PROVIDE (2) OPENINGS IN THE MOUNTING BRACKET FOR POWER AND (2) OPENINGS IN THE MOUNTING BRACKET FOR LOW VOLTAGE DEVICES. LOW VOLTAGE COMPARTMENT SHALL BE LOCATED ON THE SIDE OF THE BOX WHERE THE 2"C. ROUGH-IN LOCATION IS.

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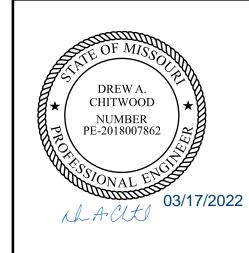
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PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



REV	REVISIONS					
NO.	DESCRIPTION	DATE				
1	PERMIT COMMENTS 01	03/17/2022				

REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 5240368028 © 2022 RS&H, INC.		
DESIGNED BY: PROJECT NUMBER: 5240368028	REVIEWED BY:	
PROJECT NUMBER: 5240368028	DRAWN BY:	
5240368028	DESIGNED BY:	
	PROJECT NUMBER:	
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DATE ISSUED:

SHEET TITLE:

ELECTRICAL SCHEDULES

SHEET ID:

COMcheck Software Version COMcheckWeb

Project Information

2018 IECC Energy Code: Project Title: PNC Lee's Summit Project Type: New Construction

Owner/Agent: Designer/Contractor: Construction Site:

Additional Efficiency Package(s)

Credits: 1.0 Required 0.0 Proposed

Allowed Interior Lighting Power

A Area Category	Floor Area (ft2)	Allowed Watts / f	-	D Illowed Watts
1-Retail	2600	1.06		2756
	Tota	I Allowed Wa	atts =	2756
Proposed Interior Lighting Power A Fixture ID: Description / Lamp / Wattage Per Lamp / Balla	B st Lamps, Fixture		D Fixture Watt.	(C X D)
1-Retail				
LED: B/BE: 2X2 LED: Other:	1	40	27	1080
LED: H/HE: 4' LED: Other:	1	3	18	54
LED: L4: LINEAR LED: Other:	1	2	12	24
LED: L4-6: 6' LINEAR LED: Other:	1	2	18	36
LED: L4-14: 14' LINEAR LED: Other:	1	1	36	36
LED: P1: 48* LED PENDANT: Other:	1	2	32	64
LED: P2: 36" LED PENDANT: Other:	1	2	32	64
LED: P3: 24" LED PENDANT: Other:	1	2	16	32
LED: P4/P4E: 4" LED PENDANT: Other:	1	24	10	240
LED: UC: LED UC LIGHT: Other:	1	5	10	50

terior Lighting PASSES: Design 39% better than code

Interior Lighting Compliance Statement

Data filename:

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Project Title: PNC Lee's Summit

Report date: 01/20/22 Page 1 of 7

Total Proposed Watts = 1680

_ ↑ **COM**check Software Version COMcheckWeb Inspection Checklist

Requirements: 100.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.
C103.2 [PR8] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Additional Comments/Assumptions:

Project Title: PNC Lee's Summit

Data filename:

COMcheck Software Version COMcheckWeb

Project Information

Energy Code: 2018 IECC Project Title: PNC Lee's Summit

Project Type: New Construction Exterior Lighting Zone (Light industrial area with limited nighttime use (LZ2))

Construction Site: Owner/Agent: Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Entry (Parking near 24-hour retail entrance)	1 main	400	No	400
Roof (Emergency services, loading area)	2600 ft2	0.35	No	910
North Exterior Wall (Illuminated area of facade wall or surface)	1158 ft2	0.07	No	87
West Exterior Wall (Illuminated area of facade wall or surface)	829 ft2	0.07	No	62
South East Wall (Illuminated area of facade wall or surface)	410 ft2	0.07	No	31
		Total Tradable	e Watts (a) =	0
		Total Allo	wed Watts =	1490
	Total Allowed	d Supplementa	l Watts (b) =	400

(b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable

Proposed Exterior Lighting Power A Fixture ID: Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	(C X D)
Entry (Parking near 24-hour retail entrance, 1 main entrys): Non-tradable VI LED: L1: LINEAR LED: Other:	/attage 1	1	440	440
Roof (Emergency services, loading area, 2600 ft2); Non-tradable Wattage LED: Other:	1	3	14	42
North Exterior Wall (Illuminated area of facade wall or surface, 1158 ft2): N LED: Other:	on-tradable 1	Wattage 2	15	30
West Exterior Wall (Illuminated area of facade wall or surface, 829 ft2): Nor LED: Other:	n-tradable V 1	Vattage 2	15	30
South East Wall (Illuminated area of facade wall or surface, 410 ft2): Non-tr LED: L2: LINEAR LED: Other:	adable Wat	tage 10	17	170
	Total Tradat	le Propose	d Watts =	0

Complies?

■Complies

□Does Not

Does Not

■Not Observable

Requirement will be met.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

Project Title: PNC Lee's Summit

Rough-In Electrical Inspection

reduce the connected lighting load in a reasonably uniform illumination

lounges/breakrooms, enclosed offices, Not Applicable

lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power

sensor controls in open office spaces

Not Observable

configured so that general lighting can Not Applicable

reduction controls have a manual

a reasonably uniform illumination

conference/meeting/multipurpose

open plan office areas, restrooms, storage rooms, locker rooms,

warehouse storage areas, and other

spaces <= 300 sqft that are enclosed

by floor-to-ceiling height partitions.

warehouses and section C405.2.1.3

by 50% or more when the areas are

unoccupied. The occupant sensors

control lighting in each aisleway

controlled by the sensor.

independently and do not control

lighting beyond the aisleway being

open plan office areas: Occupant

be controlled separately in control

zones with floor areas <= 600 sq.ft. within the space, 2) automatically turn off general lighting in all control zones

within 20 minutes after all occupants have left the space, 3) are configured so that general lighting power in each control zone is reduced by >= 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.

C405.2.2. Each area not served by occupancy C405.2.2. Sensors (per C405.2.1) have time-

Project Title: PNC Lee's Summit

Data filename:

C405.2.2. sensors (per C405.2.1, nove since 1)

switch controls and functions detailed C405.2.2. in sections C405.2.2.1 and C405.2.2.2. Not Observable Not Applicable

>= 300 sq.ft. have controls 1)

C405.2.1. Occupant sensor control function in Complies

C405.2.1. Occupancy sensors control function in Complies warehouses: In warehouses, the Does Not

Reference section language

for open plan office spaces.

C405.2.1.2 for control function in

C405.2.2. Spaces required to have light-

[EL22]1 control that allows the occupant to

pattern >= 50 percent.

C405.2.1. classrooms/lecture/training rooms,

rooms, copy/print rooms,

C405.2.1, Occupancy sensors installed in

Data filename:

& Req.ID

Proposed Exterior Lighting Power A Fixture ID: Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture		(C X D)
Entry (Parking near 24-hour retail entrance, 1 main entrys): Non-tradable W LED: L1: LINEAR LED: Other:	attage 1	1	440	440
Roof (Emergency services, loading area, 2600 ft2); Non-tradable Wattage LED: Other:	1	3	14	42
North Exterior Wall (Illuminated area of facade wall or surface, 1158 ft2); No LED: Other:	on-tradable 1	Wattage 2	15	30
West Exterior Wall (Illuminated area of facade wall or surface, 829 ft2): Non LED: Other:	-tradable V	Vattage 2	15	30
South East Wall (Illuminated area of facade wall or surface, 410 ft2); Non-tr. LED: L2: LINEAR LED: Other:	adable Wat 1	tage 10	17	170
	Total Tradab	le Propose	d Watts =	0

Report date: 01/20/22 Page 2 of 7 Data filename:

_	
	Comments/Assumptions
	Requirement will be met.
le	
b	
	Requirement will be met.
le	
	Exception: Requirement does not apply.
le t	
	Exception: Requirement does not apply.
le	

)		

Report date: 01/20/22

Page 5 of 7

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3) Project Title: PNC Lee's Summit

terior Lighting PASSES: Design 0.0% better than code

Exterior Lighting Compliance

Statement Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Project Title: PNC Lee's Summit Report date: 01/20/22 Page 3 of 7

> # Rough-In Electrical Inspection Comments/Assumptions Complies? & Req.ID C405.2.3. Daylight zones provided with C405.2.3. individual controls that control the Exception: Requirement does not apply. lights independent of general area ■Not Observable: C405.2.3. lighting. See code section C405.2.3 ■Not Applicable Daylight-responsive controls for [EL23]² applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone. C405.2.4 Separate lighting control devices for Complies Requirement will be met. [EL26]¹ specific uses installed per approved lighting plans. ■Not Observable ■Not Applicable C405.2.4 Additional interior lighting power □Complies Requirement will be met. [EL27]1 allowed for special functions per the Does Not approved lighting plans and is ■Not Observable automatically controlled and ■Not Applicable separated from general lighting. □Complies C405.2.5 Manual controls required by the Requirement will be met. Does Not [EL28]^{null} energy code are in a location with located where the controlled lights are visible, or identify the area served and their status. ready access to occupants and their status. C405.2.6 Automatic lighting controls for exterior Complies [EL30]^{null} lighting installed. Controls will be daylight controlled, set based on ■Not Observable business operation time-of-day, or ■Not Applicable reduce connected lighting > 30%. C405.3 Exit signs do not exceed 5 watts per □Complies Requirement will be met. Does Not □Not Observable
> □Not Applicable

Additional Comments/Assumptions:

Data filename:

Report date: 01/20/22 Page 6 of 7

Report date: 01/20/22

Page 4 of 7

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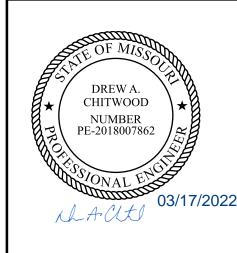
MO LICENSE NOS. 2003019618 * 2003019636



PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



REVISIONS				
NO.	DESCRIPTIO			



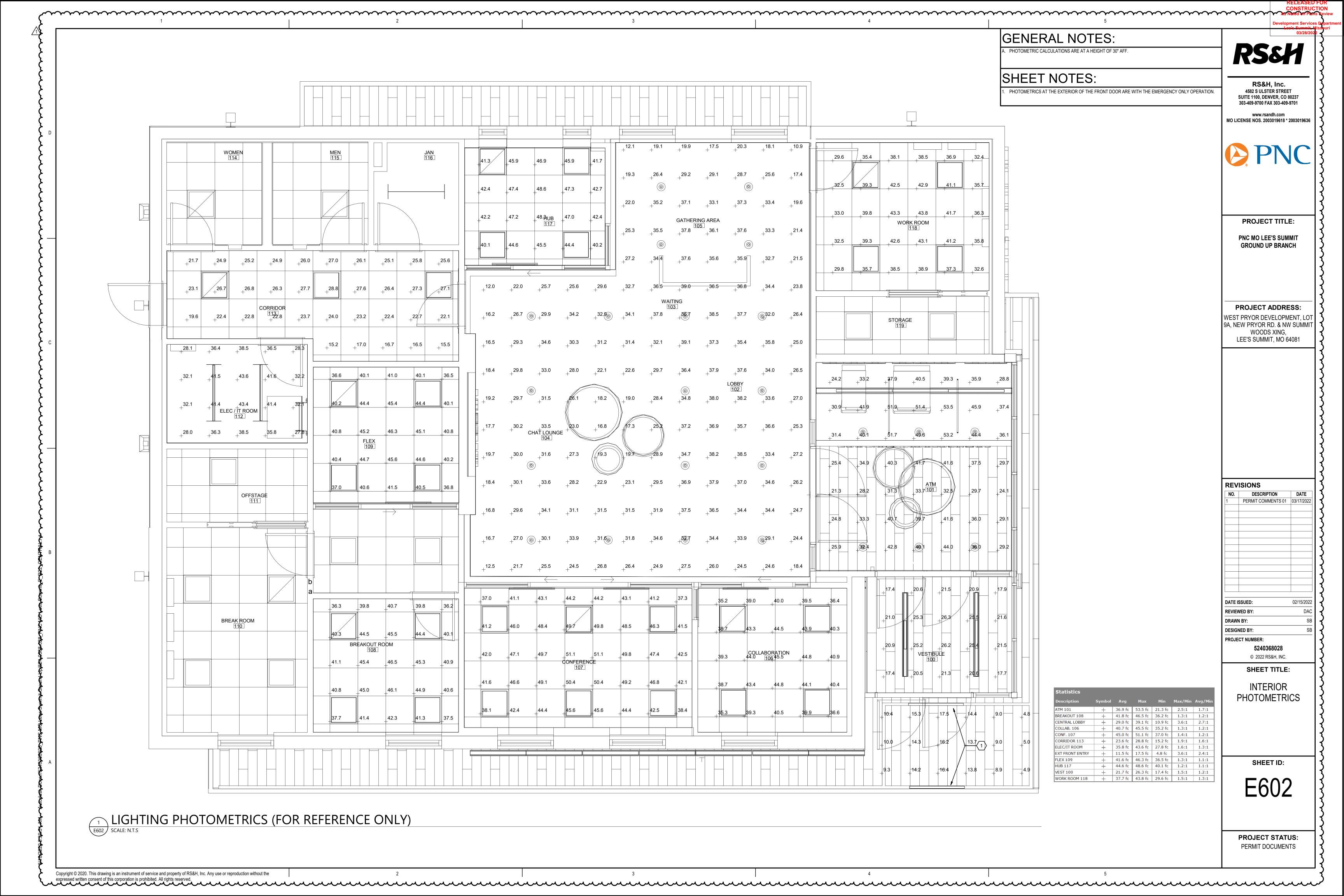
REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER: 5240368028

SHEET TITLE:

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LIGHTING COMCHECK

SHEET ID:



FIXTURES IN PREMANUFACTURERED CANOPY. 3000 LUMENS. +2.0 +2.0 +2.0 +2.1 +2.1 +2.1 +2.1 +2.1 +^{2.8} +^{2.7} +^{2.7} +^{2.7} +^{2.8} + +^{6.6} +^{7.2} +^{7.8} +^{7.8} +^{7.5} +^{7.3} +^{7.3} $+\underbrace{13.1}_{-} + \underbrace{22.9}_{-} + \underbrace{31.8}_{-} + \underbrace{39.3}_{-} + \underbrace{44.4}_{-} + \underbrace{29.9}_{-} + \underbrace{12.4}_{-} + \underbrace{7.5}_{-} + \underbrace{6.4}_{-} + \underbrace{5.9}_{-} + \underbrace{5.7}_{-} + \underbrace{5.7}_{-} + \underbrace{5.7}_{-} + \underbrace{5.9}_{-} + \underbrace{6.1}_{-} + \underbrace{6.1}_{$ +3.8 +4.2 +4.6 +4.8 +5.1 +5.0 +4.9 +4.9 +4.9 +4.9 +4.9 +4.9 +4.8 +4.8 +4.8 +4.8 +4.8 +4.7 + 2.9 + 3.1 + 3.3 + 3.5 + 3.7 + 3.9 + 4.1 + 4.3 + 4.6 + 4.8 + 5.1 + 5.3 + 5.5 + 5.6 + 5.7 + 5.8 + 5.9 + 6.1 + 6.3 + 6.7 + 7.0 + 7.1 + 7.3 + 7.4 + 7.1 + 6.9 + 6.6 + 6.2 + 5.9 + 5.7 + 5.5 + 5.3 + 5.2 + 5.0 + 4.7 + 4.4 + 4.1 + 3.8 + 3.5 + 3.2 + 2.9 + 2.7 + 2.4 + 3.8 + 3.5 + 3.2 + 3. $+^{26}$ $+^{26}$ $+^{26}$ $+^{26}$ $+^{26}$ $+^{26}$ $+^{26}$ $+^{25}$ $+^{25}$ $+^{25}$ $+^{26}$ $+^{26}$ $+^{26}$ $+^{27}$ $+^{27}$ $+^{28}$ $+^{28}$ $+^{28}$ $+^{28}$ $+^{28}$ $+^{28}$ $+^{26}$ $+^{25}$ $+^{24}$ $+^{23}$ $+^{22}$ $+^{21}$ $+^{20}$ $+^{20}$ $+^{20}$ $+^{19}$ +2.6 +2.6 +2.5 +2.5 +2.5 +2.4 +2.4 +2.4 +2.5 +2.5 +2.5 +2.5 +2.6 +2.6 +2.6 +2.6 +2.6 +2.6 +2.6 +2.6 +2.6 +2.6 +2.6 +2.7 +2.7 +2.7 +2.1 2.2 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.0 2.0 + 5.3 fc 111.5 fc 111.5 fc 1.9 fc 58.7:1 ATM 5' Radius + 55.4 fc | 120.0 fc | 120.0 fc | 15.8 fc | 7.6:1 ATM PHOTOMETRICS (FOR REFERENCE ONLY) E603 SCALE: N.T.S

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GENERAL NOTES:

PHOTOMETRIC CALCULATIONS ARE AT GROUND LEVEL.

SHEET NOTES:

RS&H, Inc. 4582 S ULSTER STREET **SUITE 1100, DENVER, CO 80237**

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303-409-9700 FAX 303-409-9701



PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LO 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081

REVISIONS				
NO.	NO. DESCRIPTION			
1	PERMIT COMMENTS 01	03/17/202		

REVIEWED BY: DRAWN BY: DESIGNED BY: PROJECT NUMBER:

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5240368028

ATM PHOTOMETRICS

SHEET ID:

(2) 4" CONDUITS FOR TELECOMM SERVICE UTILITY UNDERGROUND ELECTRICAL TRANSFORMER. SERVICE. REFER TO ONE-LINE FOR BY OTHERS. TRANSFORMER
PAD BY OTHERS. CONDUIT SIZE. UNDERGROUND
TELECOMM SERVICE DISCONNECT UTILITY TRANSFER SWITCH ATM ONLY TW 989.00 BW 988.00 ELECTRICAL SITE PLAN

GENERAL NOTES:

. COORDINATE ALL SITE WORK TO BE COMPLETED BY THE LANDLORD PRIOR TO CONSTRUCTION.

RS&H, Inc.

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SHEET NOTES:

REFER TO CIVIL DRAWINGS FOR TELECOM EASEMENT LOCATION. COORDINATE TELECOM HANDHOLE LOCATION AND ROUTE CONDUIT UNDERGROUND TO BUILDING COMMUNICATIONS ROOM. STUB CONDUIT MINIMUM 6" ABOVE FINISHED GRADE ALONG THE PLAN SOUTH WALL OF THE ELECTRICAL ROOM. SEE 1/E201 FOR LOCATION.

PROVIDE AND INSTALL (1) 3/4" RIGID CONDUIT FOR POWER CONNECTION TO DRIVE UP ATM.

PROVIDE AND INSTALL (1) 4" P.V.C. PIPE FOR ROUTING OF COMMUNICATIONS TO DRIVE UP ATM.

PROVIDE A 120V 20A ELECTRICAL CONNECTION WITH 3/4" RIGID CONDUIT TO ATM CANOPY. COORDINATE EXACT REQUIREMENTS WITH ATM VENDOR PRIOR TO ROUGH-IN.

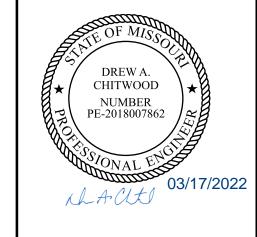
COORDINATE EXACT LOCATION OF BOLLARDS WITH ARCHITECTURAL DRAWINGS. CIRCUIT SHALL BE

PROVIDE NEW POLE FIXTURES. SEE FIXTURE SCHEDULE FOR MORE DETAILS.

PROJECT TITLE:

PNC MO LEE'S SUMMIT **GROUND UP BRANCH**

PROJECT ADDRESS: WEST PRYOR DEVELOPMENT, LOT 9A, NEW PRYOR RD. & NW SUMMIT WOODS XING, LEE'S SUMMIT, MO 64081



REVISIONS

NO.	DESCRIPTION	DATE
1	PERMIT COMMENTS 01	03/17/2022

REVIEWED BY: DESIGNED BY:

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SHEET TITLE:

5240368028

PROJECT NUMBER:

ELECTRICAL SITE

PLAN

SHEET ID:

ES101

PROJECT STATUS: PERMIT DOCUMENTS

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