EVREN APARTMENTS

NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

ISOMETRIC

PROJECT TEAM

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SENIOR PROJECT DESIGNER
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CH-G001	LIFE SAFETY PLAN
CH-G051	ABBREVIATIONS, SYMBOLS LEGEND, & GENERAL CONDITIONS
CH-G052	ACCESSIBILITY

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S0.03	WOOD SHEARWALL DETAILS
S0.04	TYPICAL WOOD DETAILS
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CH-A604	INTERIOR ELEVATIONS
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T101	CLUBHOUSE FLOOR PLAN - TELECOM
T201	TELECOM DETAILS AND SCHEDULES

SHEET ID FORMAT

A 0 0 0 - A

- A — DISCIPLINE DESIGNATOR
- 0 — SHEET SERIES
- 0 — SHEET SERIES
- 0 — FLOOR LEVEL(IF APPLICABLE)
- A — AREA INDICATOR (IF APPLICABLE)

MITSCH DESIGN
200 S. Rangeline Rd. | Suite 226
Carmel, Indiana 46032
.....
317.573.2222
www.mitschdesign.com

CITYSCAPE RESIDENTIAL

EVREN APARTMENTS
NEW CONSTRUCTION
EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI
PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
ARCHITECT
6/14/24

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS

PRELIMINARY PRICING SET - 06/14/2024
PERMIT SET -

REVISION SCHEDULE

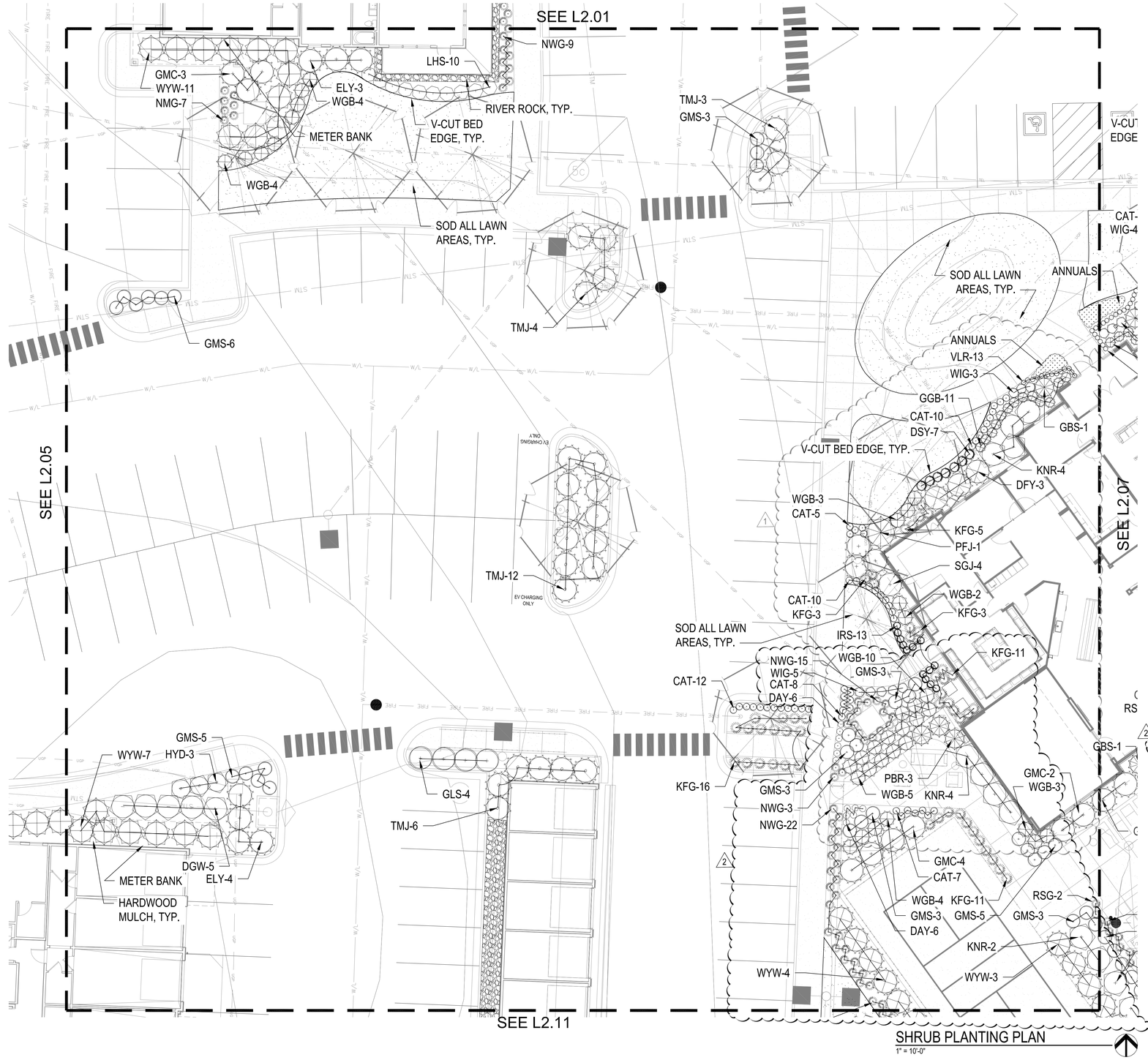
#	DATE	DESCRIPTION

ALL IDEAS, DESIGNS AND PLANS (ORIGINAL WORKS OF AUTHORSHIP FIXED IN A TANGIBLE MEDIUM OF EXPRESSION) INDICATED OR PRESENTED BY THESE DRAWINGS AND DOCUMENTS ARE OWNED BY, AND ARE THE PROPERTY OF MITSCH DESIGN. ALL RIGHTS RESERVED, EXCEPT FOR USES EXPRESSLY PERMITTED IN WRITING.

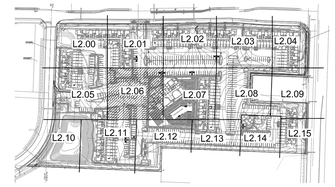
COVER SHEET

CH-G000

30x42 SHEET (Arch E1)



SHRUB PLANTING PLAN
1" = 10'-0"



KEY PLAN
NTS

PLANT LIST

Code	Common Name	Botanical Name	Size
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CGH	China Boy Holly	Ilex x meserveae 'Mesdob'	5 Gal.
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KANSAS, 66207
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STATE OF MISSOURI · KATHRYN ROSE MASTERSON · NUMBER PLA-2007029596 · LANDSCAPE ARCHITECT
09.16.24

A NEW MULTI-FAMILY PROJECT:
EVREN APARTMENTS
LEE'S SUMMIT, MISSOURI

DRAWING RELEASE LOG
- 09.16.24 PERMIT SET
- 10.28.24 CITY COMMENTS

REVISIONS
1 09.13.24 FDP COMMENTS 1
2 10.28.24 FDP COMMENTS 2

JOB NO. 720522
DATE 09.16.2024
DRAWN BY SLW / KRM
PERMIT SET

SHEET NAME
SHRUB PLANTING PLAN
SHEET NO.
L2.06

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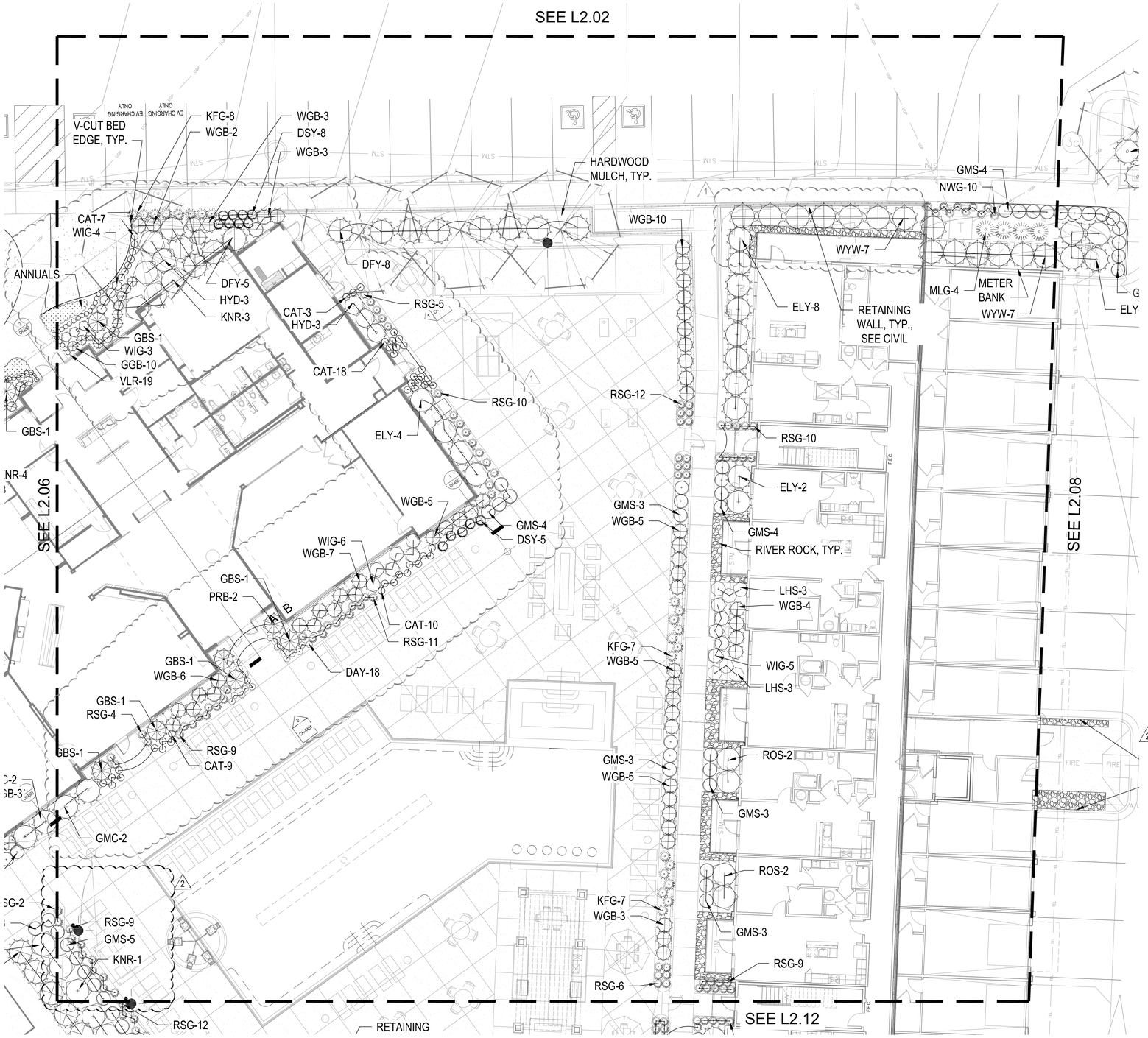

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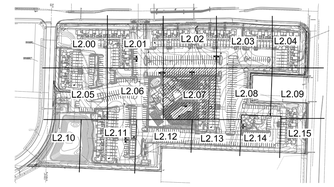

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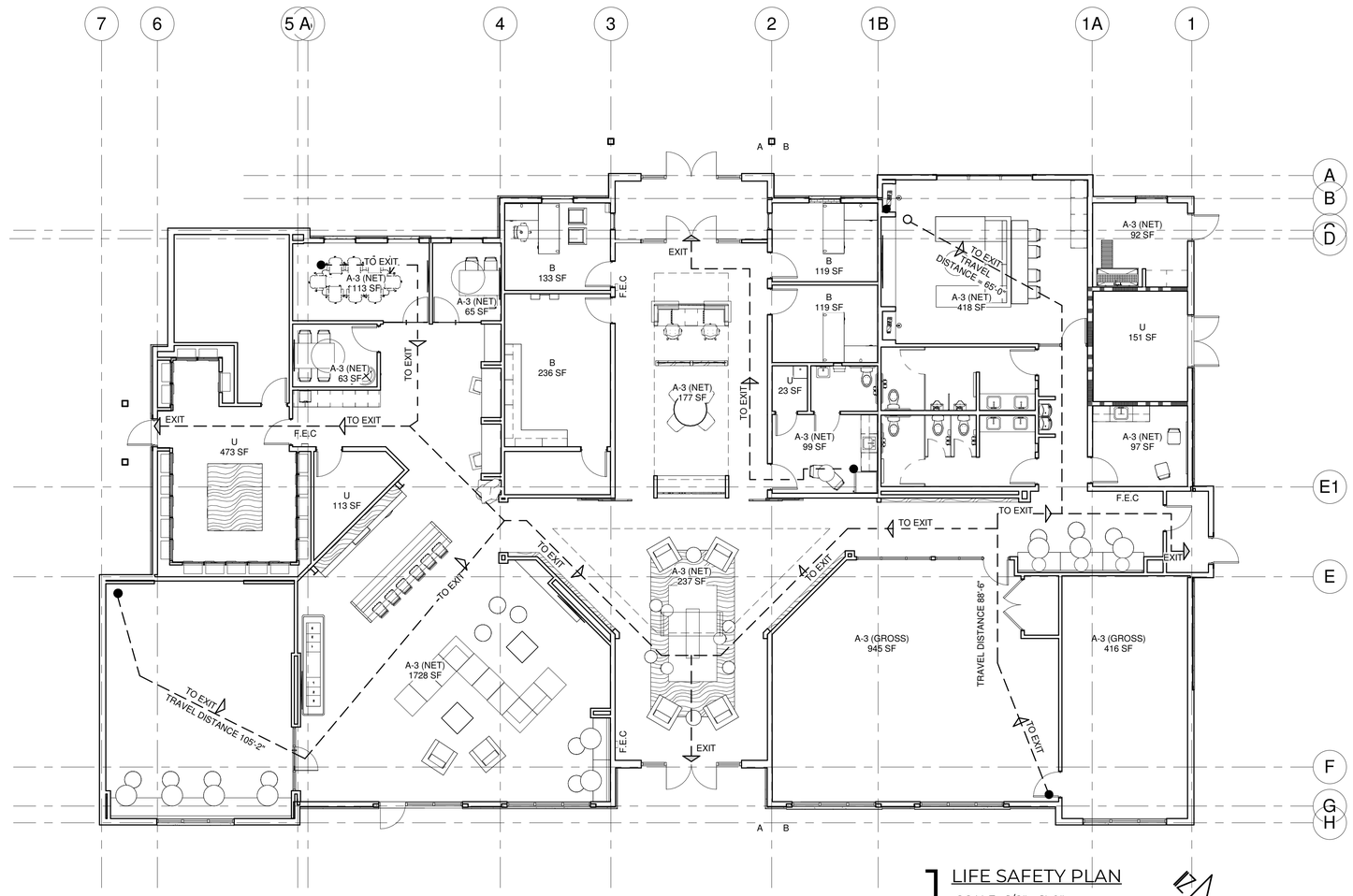

1 LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"

LIFE SAFETY LEGEND

FEC	FIRE EXTINGUISHER CABINET
FEB	FIRE EXTINGUISHER AND WALL BRACKET
	DENOTES DIRECTION OF EGRESS
	DENOTES 2 HR PARTITION

NOTE: COORDINATE FINAL FIRE EXTINGUISHER LOCATIONS WITH LOCAL FIRE CHIEF.

CODE ANALYSIS

1. BUILDING CONSTRUCTION TYPE	VB
2. OCCUPANCY CLASSIFICATION	A3 ASSEMBLY (B ACCESSORY OCC.)
3. FIRE SUPPRESSION SYSTEM	NONE
4. BUILDING HEIGHT	1 STORY- 40'-0" ALLOWABLE MAXIMUM PROVIDED: 27'-3" TO HIGHEST PEAK, 26'-8 1/2" AT HIGHEST AVERAGE SLOPE
5. BUILDING AREA (IBC TABLE 503)	FIRST 8,963 SQUARE FEET (ACTUAL)
5A. ALLOWABLE AREA CALCULATION	
ALLOWABLE AREA	6,000 SQ.FT
FRONTAGE INCREASE	I_f = [F/P- .25]W/30 W = (131.44X30 + 72.77X30 + 131.44X30 + 72.77X30)/408.42 = 30.1 I_f = [408.42/408.42-.25]30/30 = .75
TOTAL ALLOWABLE AREA	= 6,000 + (6,000*.75) = 10,500 SQ.FT
	10,500 SQ. FT. > 8,963 SQ. FT (PASSES)
6. OCCUPANT LOAD	
A-3 (NET)- AREA 2992 FACTOR 15 =LOAD 200	
A-3 (GROSS)- AREA 1361 FACTOR 50 =LOAD 28	
B - AREA 607 FACTOR 100 =LOAD 7	
U- AREA 724 FACTOR 300 =LOAD 3	
7. PROPOSED USE OF FACILITY	AMENITY SPACE
8. EXITS REQUIRED	2 (4 PROVIDED)
9. RATED STORAGE ROOMS	NO
10. RATED CORRIDORS	NO
11. OCCUPANCY SEPARATIONS REQUIRED	NO (IBC 500.2)
12. ENCLOSED STAIRS REQUIRED	N/A

APPLICABLE CODES

CODE	DESCRIPTION	COMPRISED OF
BUILDING CODE	2018 GARDENER BUILDING CODE	2018 INTERNATIONAL BUILDING CODE
MECHANICAL CODE	2018 GARDENER MECHANICAL CODE	2018 INTERNATIONAL MECAHNICAL CODE
FUEL GAS CODE	2018 GARDENER FUEL GAS CODE	2018 INTERATIONAL FUEL GAS CODE
FIRE CODE	2018 GARDENER FIRE CODE	2018 INTERNATIONAL FIRE CODE
PLUMBING CODE	2018 GARDENER PLUMBING CODE	2018 INTERNATIONAL PLUMBING CODE
ELECTRICAL CODE	2018 GARDENER ELECTRICAL CODE	2017 NATIONAL ELECTRICAL CODE
HANDICAP ACCESSIBILITY CODE	2009 ICC ANSI A117.1	
FAIR HOUSING	1988 FAIR HOUSING ACT	

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EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2015000590
REGISTERED ARCHITECT
6/14/24

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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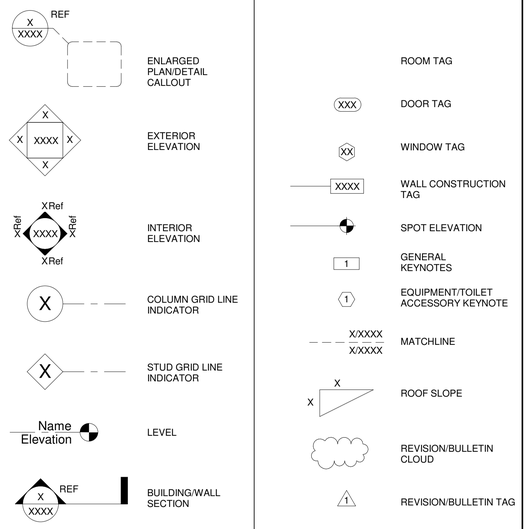
LIFE SAFETY PLAN

CH-G001

DRAWING SYMBOLS LEGEND



GENERAL CONDITIONS

A. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS, CLEARANCES, AND EXISTING FIELD CONDITIONS, IF PRESENT, BEFORE STARTING WORK. IF DIFFERENT CONDITIONS ARE PRESENT OR EXPERIENCED, CONTACT THE DESIGNER/ARCHTECT PRIOR TO PROCEEDING WITH WORK. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.
B. SEPERATE PERMIT WILL BE REQUIRED FOR SIGNAGE SUBMITTAL.
C. ALL LANDSCAPING IRRIGATION TO BE ON A SEPERATE WATER METER.

ARCHITECTURAL/SITE ABBREVIATIONS

ADA	AMERICAN;S WITH DIABILITY ACT	N	NORTH
@	AT	NA	NOT APPLICABLE
ACT	ACOUSTICAL CEILING TILE	NIC	NOT IN CONTRACT
ADJ	ADJUSTABLE	NO/#	NUMBER
AFF	ABOVE FINISH FLOOR	NOM	NOMINAL
ALT	ALTERNATE	NR	NON OR NOT RATED
AL/ALUM	ALUMINUM	NTS	NOT TO SCALE
APROX	APPROXIMATE		
ARCH	ARCHITECT(URAL)	OC	ON CENTER
ASPH	ASPHALT	OCC	OCCUPANT
AWT	ACOUTICAL WALL TREATMENT	OD	OUTSIDE DIAMETER
		OPNG	OPENING
BLDG	BUILDING	OPP	OPPOSITE
BLKG	BLOCKING	OH	OPPOSITE HAND
BM	BENCH MARK/BEAM	OW	OPERABLE WALL
BO	BOTTOM OF	OZ	OUNCE
BOS	BOTTOM OF STEEL		
BRG	BEARING	P/PT	PAINT
BRK	BRICK	PA	PUBLIC ADDRESS
BU	BULLETIN	PLAS	PLASTIC
		PL	PLASTIC LAMINATE
CAB	CABINET	PLBG	PLUMBING
CAR	CARPET	PLY	PLYWOOD
CAT	CATALOG	PREFAB	PREFABRICATED
CB	CHALKBOARD	PS	PROTECTION SCREEN
CJ	CONTROL JOINT	PSF	POUNDS PER SQUARE FOOT
CL	CENTERLINE	PSI	POUNDS PER SQUARE INCH
CLR	CLEAR	PT	PORCELAIN TILE
CLG	CEILING	PVC	POLYVINYL CHLORIDE
CMT	CERAMIC MOSAIC TILE	PVMT	PAVEMENT
CMU	CONCRETE MASONRY UNIT		
CO	CLEANOUT	QT	QUARRY TILE
COL	COLUMN		
COMP	COMPACTED	R	RISER
CONC	CONCRETE	RA	RETURN AIR
CONSTR	CONSTRUCTION	RAD/R	RADIUS
CONT	CONTINUOUS/CONTINUE	RD	ROOF DRAIN
CONTR	CONTRACTOR	REF	REFERENCE
CORR	CORRUGATED	REFR	REFRIGERATOR
CT	CERAMIC TILE	REINF	REINFORCING
CSK	COUNTER SINK	REQ'D	REQUIRED
CU FT/CF	CUBIC FEET	REV	REVISION(S)
CU YF/CY	CUBIC YARD	RM	ROOM
CW	COLDWATER	RO	ROUGH OPENING
CWF	CEMENTITOUS WOOD FIBER	ROW	RIGHT-OF-WAY
		RTG	RATING
D	DEPTH/DEEP		
°	DEGREE	S	SOUTH
DEPT	DEPT	SA	SUPPLY AIR
DET	DETAIL	SAN	SANITARY
DF	DRINKING FOUNTAIN	SCHED	SCHEDULE
DIA / Ø	DIAMETER	SD	STORM DRAIN/SMOKE DETECTOR
DIM	DIMENSION	SECT	SECTION
DIV	DIVISION	SEW	SEWER
DL	DEAD LOAD	SHT	SHEET
DR	DOOR	SIM	SIMILAR
DWG	DRAWING	SP	SPACE
DS	DOWNSPOUT	SPEC(S)	SPECIFICATION(S)
		SPKR	SPRINKLER
E	EAST	SQ	SQUARE
EA	EACH	SQ FT/SF	SQUARE FEET
EJ	EXPANSION JOINT	SQ IN/SI	SQUARE INCH
EL	ELEVATION	SW YD/SY	SQUARE YARD
ELEC	ELECTRIC(AL)	SP	SPANDREL PANEL
ELEV	ELEVATOR	SS	STAINLESS STEEL
EP	ELECTRICAL PANELBOARD	ST	STORM/STREET
EQ	EQUAL	STD	STANDARD
EQUIP	EQUIPMENT	STL	STEEL
EFS (OR DFS)	DIRECT APPLIED EXTERIOR FINISH SYSTEM	STRUCT	STRUCTURAL
EIFS	EXTERIOR INSULATED FINISH SYSTEM	SUSP	SUSPENDED
ETR	EXISTING TO REMAIN	SW	SHORT WAT/SIDE WALK
EXH	EXHAUST	SYM	SYMMETRY(ICAL)
EXTG/EXIST	EXISTING	SYN	SYNTHETIC
EXP	EXPANSION		
EXT	EXTERIOR	T	TREAD
EXTN	EXTENSION	T&G	TONGUE AND GROOVE
		TA	TOILET ACCESSORY(IES)
FD	FLOOR DRAIN	TB	TACKBOARD
FIN	FINISH	TBD	TO BE DETERMINED
FIN FL	FINISH FLOOR	TC	TOP OF CURB
FLR	FLOOR	TEL	TELEPHONE
FDN	FOUNDATION	TERR	TERRAZZO
FT	FEET	TO	TOP OF
FTG	FOOTING	TOC	TOP OF CONCRETE
FE	FIRE EXSTIGUISHER	TOF	TOP OF FOOTING
FEC	FIRE EXSTIGUISHER CABINET	TOM	TOP OF MASONRY
		TOS	TOP OF STEEL
GA	GAUGE	TV	TELEVISION
GALV	GALVANIZED	TYP	TYPICAL
GB	GRAB BAR	TWS	TACKABLE WALL SURFACE
GL	GLASS		
GWB/GYP	GYPSUM WALLBOARD	UNO	UNLESS OTHERWISE NOTED
		UV	UNIT VENTILATION
HGT	HEIGHT/HIGH	UR	URINAL
HB	HOSE BIB		
HDW	HARDWARE	V	VISION
HM	HOLLOW METAL	VB	VINYL BASE
HORIZ	HORIZONTAL	VCT	VINYL COMPOSITE TILE
HS	HIGH STRENGTH	VCGWB	VINYL COVERED GYPSUM WALLBOARD
HTG	HEATING	VERT	VERTICAL
HVAC	HEATING/VENTILATING/AIR CONDITIONING	VFWC	VINYL FABRIC WALLCOVERING
HW	HOT WATER	VIF	VERIFY IN FIELD
HWY	HIGHWAY	VOL	VOLUME
		VR	VAPOR RETARDER
ID	INSIDE DIAMETER	VRB	VENTED RESILIANT BASE
IN	INCH	VS	VENT STACK
INCL	INCLUDE(D),(ING)	VT	VINYL TILE
INFO	INFORMATION		
INSUL	INSULATION	W	WEST/WIDE/WIDTH
INT	INTERIOR	W/	WITH
INV	INVERT	W/O	WITHOUT
		WB	WOOD BASE
JS	JOIST SUPPORT	WC	WATER CLOSET/WALL COVERING
JST	JOIST	WD	WOOD
JT	JOINT	WH	WATER HEATER
		WP	WORKING POINT
KIT	KITCHEN	WWF	WELDED WIRE FRAME
L	LENGTH	YD	YARD/YARD DRAIN
LAM	LAMINATE		
LAV	LAVATORY		
LB/#	POUND		
LKR	LOCKER		
LL	LIVE LOAD		
LVR	LOUVER		
M	METER		
MAS	MASONRY		
MAT	MATERIAL		
MAX	MAXIMUM		
MB	MARKER BOARD		
MECH	MECHANICAL		
MEXX	MEZZANINE		
MFR	MANUFACTURER		
MH	MOP HOLDER		
MIN	MINIMUM		
MISC	MISCELLANEOUS		
MM	MILLIMETER		
MO	MASONRY OPENING		
MON	MONITOR		
MTL	METAL		

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STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
ARCHITECT

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CHECKED BY:	RB, JS

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ABBREVIATIONS, SYMBOLS LEGEND, & GENERAL CONDITIONS

CH-G051

CHAPTER 3. BUILDING BLOCKS

FIG. 302.2
CARPET ON FLOOR SURFACES

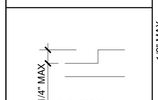


FIG. 303.2
VERTICAL CHANGES IN LEVEL

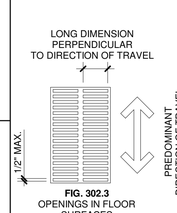


FIG. 302.3
OPENINGS IN FLOOR SURFACES

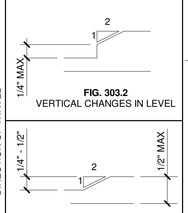
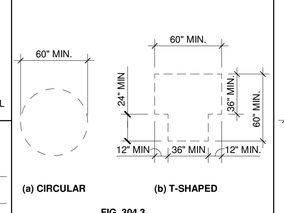


FIG. 303.2
VERTICAL CHANGES IN LEVEL

FIG. 303.3
BEVELED CHANGES IN LEVEL



(a) CIRCULAR **(b) T-SHAPED**

FIG. 304.3
SIZE OF TURNING SPACE

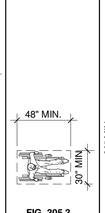
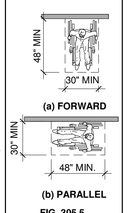
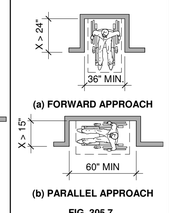


FIG. 305.3
SIZE OF CLEAR FLOOR SPACE



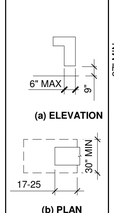
(a) FORWARD **(b) PARALLEL**

FIG. 305.5
POSITION OF CLEAR FLOOR SPACE



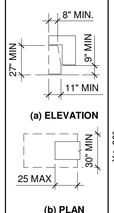
(a) FORWARD APPROACH **(b) PARALLEL APPROACH**

FIG. 305.7
MANUEVERING CLEARANCE IN AN ALCOVE



(a) ELEVATION **(b) PLAN**

FIG. 306.2
TOE CLEARANCE



(a) ELEVATION **(b) PLAN**

FIG. 306.3
KNEE CLEARANCE

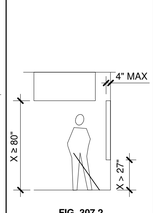


FIG. 307.2
LIMITS OF PROTRUDING OBJECTS

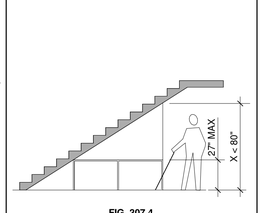


FIG. 307.4
REDUCED VERTICAL CLEARANCE

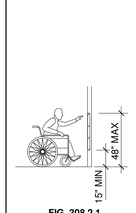
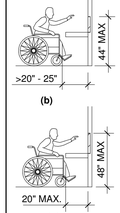


FIG. 308.2.1
UNOBSTRUCTED FORWARD REACH



(b) **(a)**

FIG. 308.2.2
OBSTRUCTED HIGH FORWARD REACH

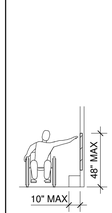
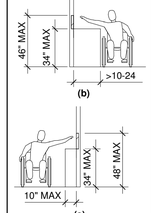


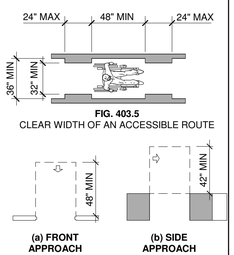
FIG. 308.3.1
UNOBSTRUCTED SIDE REACH



(b) **(a)**

FIG. 308.3.2
OBSTRUCTED HIGH SIDE REACH

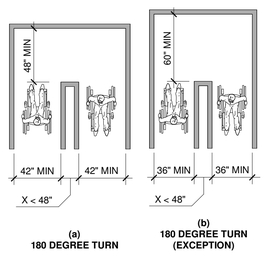
CHAPTER 4. ACCESSIBLE ROUTES



(a) FRONT APPROACH **(b) SIDE APPROACH**

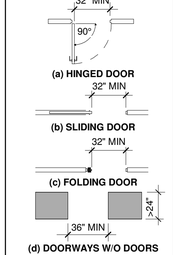
FIG. 403.5
CLEAR WIDTH OF AN ACCESSIBLE ROUTE

FIG. 404.2.3.4
MANEUVERING CLEARANCE AT DOORWAYS WITHOUT DOORS



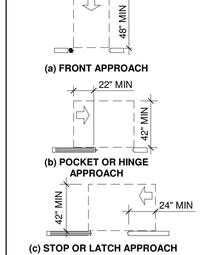
(a) 180 DEGREE TURN **(b) 180 DEGREE TURN (EXCEPTION)**

FIG. 403.5.1
CLEAR WIDTH AT 180° TURN



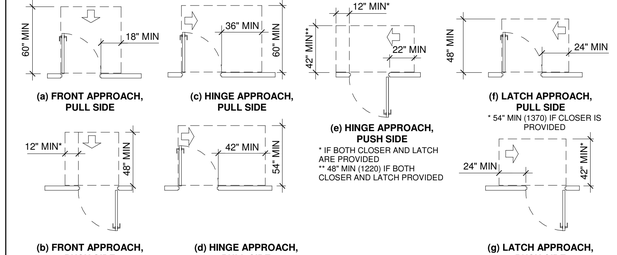
(a) HINGED DOOR **(b) SLIDING DOOR** **(c) FOLDING DOOR** **(d) DOORWAYS W/O DOORS**

FIG. 404.2.2
CLEAR WIDTH OF DOORWAYS



(a) FRONT APPROACH **(b) POCKET OR HINGE APPROACH** **(c) STOP OR LATCH APPROACH**

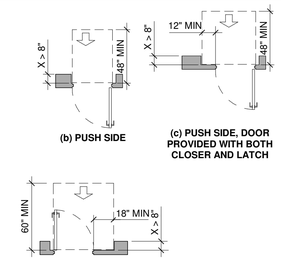
FIG. 404.2.3.3
MANUEVERING CLEARANCE AT SLIDING AND FOLDING DOORS



(a) FRONT APPROACH, PULL SIDE **(c) HINGE APPROACH, PULL SIDE** **(e) HINGE APPROACH, PUSH SIDE** * IF BOTH CLOSER AND LATCH ARE PROVIDED ** 48" MIN (1220) IF BOTH CLOSER AND LATCH PROVIDED **(f) LATCH APPROACH, PULL SIDE** * 54" MIN (1370) IF CLOSER IS PROVIDED

(b) FRONT APPROACH, PUSH SIDE *IF BOTH CLOSER AND LATCH ARE PROVIDED **(d) HINGE APPROACH, PULL SIDE** **(g) LATCH APPROACH, PUSH SIDE** *48" MIN (1220) IF CLOSER IS PROVIDED

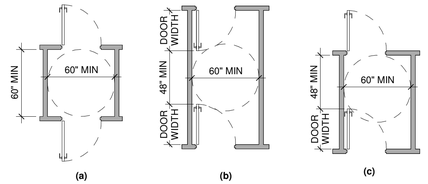
FIG. 404.2.3.2
MANUEVERING CLEARANCE AT MANUAL SWING DOORS



(b) PUSH SIDE **(c) PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH**

(a) PULL SIDE

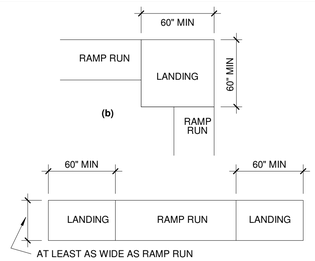
FIG. 404.2.3.5
MANEUVERING CLEARANCE AT RECESSED DOORS



(a) **(b)** **(c)**

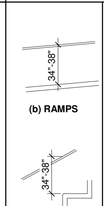
FIG. 404.2.5
TWO DOORS IN A SERIES

CHAPTER 5. BUILDING ELEMENTS



(b) **(a)**

FIG. 405.7
RAMP LANDINGS



(b) RAMPS **(a) STAIRS**

FIG. 505.4
RAMP LANDINGS

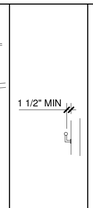
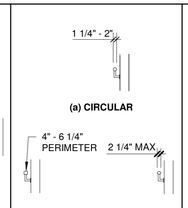


FIG. 505.5
HANDRAIL CLEARANCE



(a) CIRCULAR **(b) NONCIRCULAR** **(c)**

FIG. 505.7
HANDRAIL CROSS SECTION

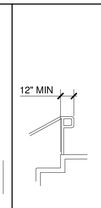


FIG. 505.10.2
TOP HANDRAIL EXTENSIONS AT STAIRS

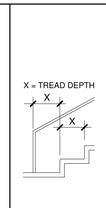


FIG. 505.10.3
BOTTOM HANDRAIL EXTENSIONS AT STAIRS

CHAPTER 6. PLUMBING ELEMENTS & FACILITIES

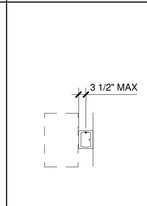


FIG. 602.2
PARALLEL APPROACH AT DRINKING FOUNTAINS PRIMARILY FOR CHILDREN'S USE (EXCEPTION 2)

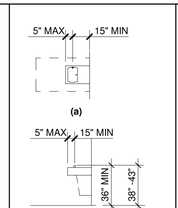


FIG. 602.5
DRINKING FOUNTAIN SPOUT LOCATION

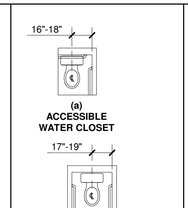


FIG. 604.2
WATER CLOSET LOCATION

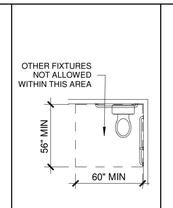


FIG. 604.3
SIZE OF CLEARANCE FOR WATER CLOSET

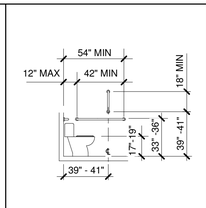


FIG. 604.4 / 604.5.1
WATER CLOSET SEAT HEIGHT / SIDE WALL GRAB BAR FOR WATER CLOSET

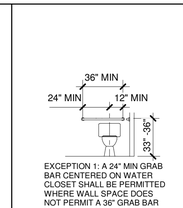
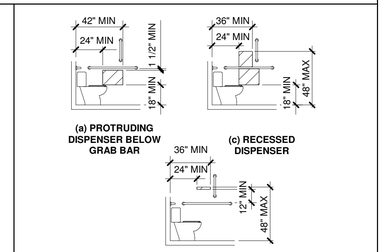


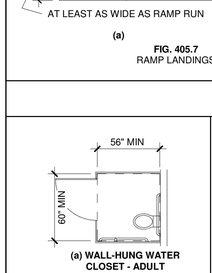
FIG. 604.5.2
REAR WALL GRAB BAR FOR WATER CLOSET



(a) PROTRUDING DISPENSER BELOW GRAB BAR **(c) RECESSED DISPENSER**

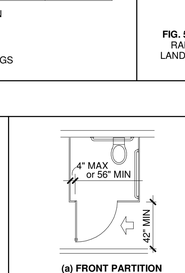
(b) PROTRUDING DISPENSER ABOVE GRAB BAR

FIG. 604.7
DISPENSER OUTLET LOCATION



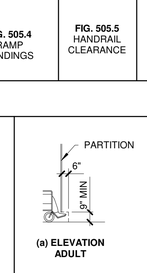
(a) WALL-HUNG WATER CLOSET - ADULT **(b) FLOOR-MOUNTED WATER CLOSET - ADULT**

FIG. 604.9.2
WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS



(a) FRONT PARTITION **(b) SIDE WALL OR PARTITION**

FIG. 604.9.3.1
WHEELCHAIR ACCESSIBLE COMPARTMENT DOOR OPENINGS



(a) ELEVATION ADULT **(b) PLAN**

FIG. 604.9.5
WHEELCHAIR ACCESSIBLE COMPARTMENT TOE CLEARANCE

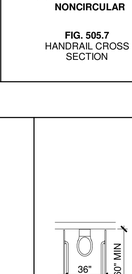
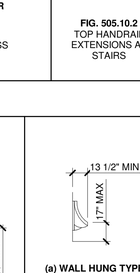


FIG. 604.10
AMBULATORY ACCESSIBLE COMPARTMENT



(a) WALL HUNG TYPE **(b) STALL TYPE**

FIG. 605.2
HEIGHT OF URINALS

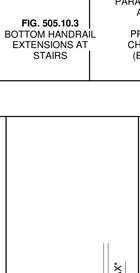
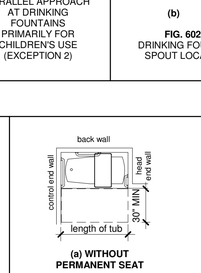


FIG. 606.3
HEIGHT OF LAVATORIES AND SINKS



(a) WITHOUT PERMANENT SEAT **(b) WITH PERMANENT SEAT**

FIG. 607.2
CLEARANCE FOR BATHTUBS

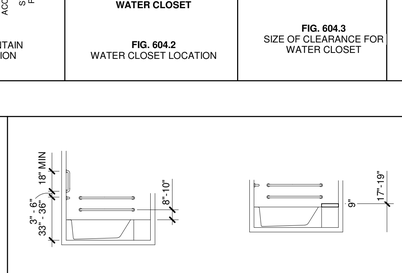


FIG. 607.4.1
GRAB BARS FOR BATHTUBS WITH PERMANENT SEATS

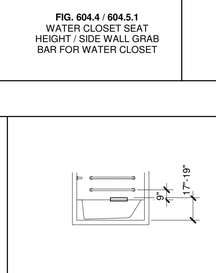


FIG. 607.4.2
GRAB BARS FOR BATHTUBS WITHOUT PERMANENT SEATS

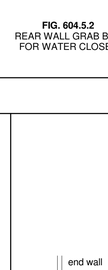


FIG. 607.5
LOCATION OF BATHTUB CONTROLS

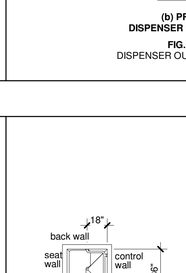


FIG. 608.2.1/608.3.1
TRANSFER-TYPE SHOWER COMPARTMENT WITH GRAB BARDS

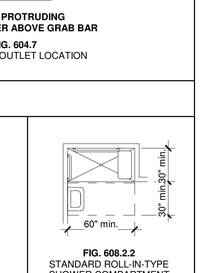
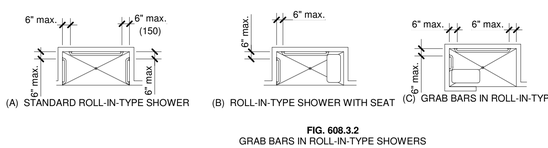


FIG. 608.2.2
STANDARD ROLL-IN-TYPE SHOWER COMPARTMENT

FIG. 608.2.3
ALTERNATE STANDARD ROLL-IN-TYPE SHOWER COMPARTMENT

CHAPTER 7. COMMUNICATION ELEMENTS & FEATURES



(A) STANDARD ROLL-IN-TYPE SHOWER (B) ROLL-IN-TYPE SHOWER WITH SEAT (C) GRAB BARS IN ROLL-IN-TYPE SHOWERS

FIG. 608.3.2
GRAB BARS IN ROLL-IN-TYPE SHOWERS

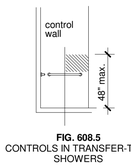


FIG. 608.5
CONTROLS IN TRANSFER-TYPE SHOWERS

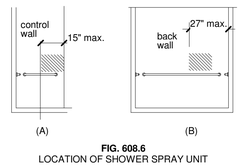


FIG. 608.6
LOCATION OF SHOWER SPRAY UNIT

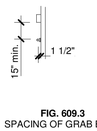


FIG. 609.3
SPACING OF GRAB BARS

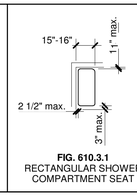


FIG. 610.3.1
RECTANGULAR SHOWER COMPARTMENT SEAT

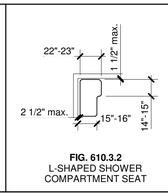


FIG. 610.3.2
L-SHAPED SHOWER COMPARTMENT SEAT

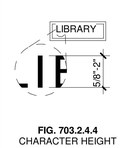


FIG. 703.2.4.4
CHARACTER HEIGHT

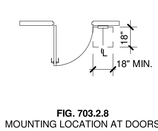


FIG. 703.2.8
MOUNTING LOCATION AT DOORS

MITSCH DESIGN
200 S. Rangeline Rd. | Suite 226
Carmel, Indiana 46032
.....
317.573.2222
www.mitschdesign.com

CITYSCAPE RESIDENTIAL

EVREN APARTMENTS CLUBHOUSE
NEW CONSTRUCTION
EVREN APARTMENTS
LEE'S SUMMIT, MISSOURI
PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
REGISTERED ARCHITECT

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	-
PERMIT SET	06/14/2024

#	DATE	REVISION SCHEDULE DESCRIPTION

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ACCESSIBILITY

CH-G052

GENERAL NOTES - STRUCTURAL

1. General Information:

A. The contractor shall verify dimensions and conditions before construction and notify the engineer of any discrepancies, inconsistencies, or difficulties affecting the work before proceeding.

B. The contractor shall coordinate all disciplines, verifying size and location of all openings, whether shown on structural drawings or not, as called for on architectural, mechanical, or electrical drawings. In the case of work in an existing building the contractor shall scan existing structure to locate all rebar in the area of the new core/opening using ground penetrating radar and notify the engineer of record for review prior to coring/cutting. Conflicts, inconsistencies, or other difficulties affecting structural work shall be called to the architect or engineer's attention for direction before proceeding.

C. All design and construction work for this project shall conform to the requirements of the following governing design codes:

1. International Building Code (IBC 2018) as amended by the City of Lee's Summit, Missouri.
2. Minimum Design Loads for Buildings and Other Structures (ASCE7-16)
3. Specification for Structural Steel Buildings (AISC 360-16)
   Member Design Basis is Allowable Stress Design (ASD)
   Connection Design Basis is Allowable Stress Design (ASD)
4. Structural Welding Code (AWS D1.4-17)
5. Building Code Requirements for Structural Concrete (ACI 318-14)
6. Building Code Requirements for Masonry Structures (TMS 402-16)
7. North American Specification for the Design of Cold-Formed Steel Structural Members (AISI S100-16)
8. National Design Specification (NDS) for Wood Construction with 2012 Supplements (ANSI/AWC NDS-2018)
9. Special Design Provisions for Wind and Seismic (AWC SDPWS-2015)

D. These drawings are for this specific project and no other use is authorized.

2. Structural Design Load Criteria:

A. Dead Loads:
   Roof = 25 psf

B. Live Loads:
   Roof = 20 psf

C. Snow = Pg= 20 psf, Pf=14.0psf,Is = 1.0
   Ce=1.0, Ct=1.0, Cs=1.0 Drift per ASCE/SEI 7-16

D. Lateral Loads:

1. Wind V= 110 mph, exposure C
   Occupancy [Risk] Category II, Iw=1.0
   GCpi=+/-0.18
   Design wind pressures to be used for the design of exterior component and cladding materials on the designated zones of wall and roof surfaces shall be per section 30.7 and Table 30.7-2 of ASCE/SEI 7-16. Tabulated pressures shall be multiplied by effective area reduction factors, exposure adjustment factors, and topographic factors where applicable.
2. Seismic = Ss = 0.099g, S1 = 0.068g
   Occupancy [Risk] Category II, Ie=1.0
   Site Classification C; Sds=0.086g; Sd1=0.068g
   Seismic Design Category B
   Equivalent Lateral Force Procedure
   A.17 - Light framed walls with shear panels of all materials
   R = 2; Omega = 2.5; Cd = 2; V = 0.28W

E. This project is designed to resist the most critical effects resulting from the load combinations of section 1605.3 of the 2018 International Building Code.

3. Concrete:

A. All concrete for foundations (grade beams and footings) shall develop minimum ultimate compressive design strength of 3500 psi in 28 days, but not less than 500 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 6 gallons of water per 100 pounds of cement and not over 4 inches of slump.

B. All concrete for interior flat work and walls shall develop minimum ultimate compressive design strength of 4000 psi in 28 days, but not less than 550 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 5.5 gallons of water per 100 pounds of cement and not over 4 inches of slump.

C. Concrete for exterior flatwork shall have a minimum design compressive strength of 4500psi in 28 days, with not less than 560 pounds of cement per cubic yard of concrete, not over 5 gallons of water per 100 pounds of cement, with 6% +/- 1% air entrainment, and a maximum of 4 inches of slump.

D. The preceding minimum mix requirements may have water-reducing admixtures conforming to ASTM C494 added to the mix at manufacturer's dosage rates for improved workability.

E. The preceding minimum mix requirements may have up to 15% maximum of the cement content replaced with an approved ASTM C618 Class C fly ash, provided the total minimum cementitious content is not reduced.

F. Combined aggregate (coarse plus fine) for all concrete shall be well graded from coarsest to finest with no more than 18 percent and not less than 8 percent retained on an individual sieve, except that less than 8 percent may be retained on coarsest sieve and on No. 50 and finer sieves. Submit this gradation report with the concrete mix design shop drawings.

G. All interior concrete slabs on grade shall be placed over 15 mil, Class A Vapor Barrier per ASTM E1745 with less than 0.01 perms, tested after mandatory conditioning. All joints shall be lapped and sealed per manufacturer's recommendations. All penetrations, as well as damaged vapor barrier material shall also be sealed per manufacturer's recommendation prior to concrete placement. Install barrier per manufacturer recommended details at all discontinuous edges (at interior columns, exterior edge of slab, etc.) to ensure terms of warranty are followed. The vapor barrier shall be placed over free-draining granular material as prescribed by the project soils report.

H. All concrete is reinforced concrete unless specifically called out as unreinforced. Reinforce all concrete not otherwise shown with same steel as in similar sections or areas. Any details not shown shall be detailed per ACI 315 and meet requirements of ACI 318, current editions.

I. Contractor shall verify that all concrete inserts, reinforcing and embedded items are correctly located and rigidly secured prior to concrete placement.

J. No aluminum items shall be embedded in any concrete.

4. Reinforcing Steel:

A. All reinforcing steel shall conform to the requirements of ASTM A615 or A706 grade 60 steel. Welded plain wire fabric shall be supplied in sheets and conform to the requirements of ASTM A185.

B. Clear minimum coverage of concrete over reinforcing steel shall be as follows:

1. Concrete placed against earth: 3"
2. Formed concrete against earth: 2"
3. Slabs: 1"
4. Beams or Columns: 1-1/2"
5. Other 2"

• All coverage shall be nominal bar diameter minimum.

C. All dowels shall be the same size and spacing as adjoining main bars (splice lap 48 bar diameters or 24" minimum unless noted otherwise).

D. At corners of all walls, beams, and grade beams supply corner bars (minimum 2'-0" in each direction or 48 bar diameters) in outside face of wall, matching size and spacing of horizontal bars. Where there are no vertical bars in outside face of wall, supply 3 - #4 vertical support bars for corner bars.

E. Bars marked continuous and all vertical steel shall be lapped 48 bar diameters (2'-0" minimum) at splices and embedments, unless shown otherwise. Splice top bars near midspan and splice bottom bars over supports, unless noted otherwise.

F. At all holes in concrete walls and slabs, add 2 - #5 bars (opening dimension plus 96 diameters long) at each of four sides and add 2 - #5 x 5'-0" diagonally at each of four corners of hole. Openings in 8" thick walls are reinforced similar, but with 1 - #5 instead of 2 - #5, respectively.

G. Accessories shall be as specified in latest edition of the ACI Detailing Handbook and the concrete Reinforcing Steel Institute Design Handbook. Maximum accessory spacing shall be 4'-0" on center, and all accessories on exposed surfaces are to have plastic coated feet.

H. Allow 0.5 tons of reinforcing bars #4 or larger to be used as directed in the field for special conditions by the engineer of record (labor for placing same to be included).

5. Foundations:

A. The soil investigation was prepared by Terracon Consultants, Inc., and the project number is 02225125 and the telephone number is 913-492-7777.

B. Spread footings, grade beams, and retaining walls are designed to bear on undisturbed clay soil or geotechnical approved structural fill capable of safely sustaining 2,500 psf.

C. Concrete contractor shall provide for dewatering at excavations from either surface water or seepage.

D. Moisture content in soils beneath building locations should not be allowed to change after footing excavations and after grading for slabs on grade are completed. If subgrade materials become desiccated or softened by water content specified for engineered fill. Do not place concrete on frozen ground.

6. Post-Installed Anchors:

A. Post-installed anchors shall be used only where specified on the drawings unless approved in writing by the engineer of record. See drawings for anchor diameter, spacing and embedment. Performance values of the anchors shall be obtained for specified products using appropriate design procedures and/or standards as required by the governing building code. Anchors installed in concrete shall have an ICC-ES Evaluation Service Report. Special inspection is required for all post installed anchors. The contractor shall coordinate an on-site meeting with the post installed anchor manufacturer field representative to educate the construction team on the anchor installation guidelines and requirements.

B. Mechanical anchors used in cracked and uncracked concrete shall have been tested and qualified for use in accordance with ACI 355.2 and ICC-ES AC193. All anchors shall be installed per the anchor manufacturer's written instructions.

C. Adhesive anchors used in cracked and uncracked concrete shall have been tested and qualified for use in accordance with ICC-ES AC308. All anchors shall be installed per the anchor manufacturer's written instructions.

7. Timber and Wood Framing:

A. Quality and construction of wood framing members and their fasteners for load supporting purposes not otherwise indicated on the drawings shall be in accordance with the 2018 International Building Code.

B. All studs shall be Douglas Fir No. 2 grade or Southern yellow pine No. 2 grade, visually graded lumber, with an allowable fiber stress in bending of 900si minimum and an elastic modulus of 1,400,000 psi unless noted otherwise. All joist, top & bottom plates, and headers to be Douglas Fir or Southern yellow pine, No. 2 grade, (unless noted otherwise). All lumber for exterior decks and balconies shall be preservative-treated Southern yellow pine No. 2 grade, visually graded unless noted otherwise.

C. Bridging of stud bearing walls and shear walls shall be solid, matching sheathing joints.

D. Joist blocking and bridging shall be solid wood or cross bridging of either wood or metal straps. Spacing, in any case, shall not exceed 8'-0".

E. Wood members and sheathing shall be fastened with number and size of fasteners not less than that set forth in Table 2304.9.1 of the 2018 International Building Code. All fasteners into chemically treated material shall be hot-dipped galvanized. Floor sheathing shall be APA rated tongue and groove Sturd-I-Floor, exposure 1, glued and nailed with 10d nails or # 10 screws at 6" on center to supports at edges and 12" on center field. Roof diaphragms shall be edge screwed with #10 screws at 6" on center and screwed to intermediate framing and/or blocking members with #10 screws at 12"on center unless noted on the drawings.

F. Sill plates shall be bolted to concrete slabs with 1/2" diameter bolts at 32" on center (UNO, Re: shearwall sched). Provide plate washers at sill plate anchors for shearwalls per shearwall sched. Plates in direct contact with concrete or masonry shall be treated lumber.

G. All hangers, ties and connections shown are based on Simpson Strong Tie as the basis of design, provide Simpson Strong Tie or an approved equal. Joist hangers shall be equal to "LUS" for wood application and "LB" for steel weld-on application. Roof truss ties shall be equal to "H2.5A" and tie the roof truss to the top plate (provide 2) "H2.5A" Diagonally across from each other when uplift load shown in truss shop submittal exceeds 545 lbs). Roof girder ties shall be equal to a "LGT2", "LGT3" or "LGT4" tie (dependent on number of plies) and tie the truss girder to the top track. Provide "H2.5A" at the top of each stud to top plate when the top track has roof truss attached.'

H. Service condition - dry with moisture content at or below 19% in service.

I. Laminated strand lumber (LSL) shall have an allowable flexural stress (Fb) of 1,700 psi (reduced by size factor) and an elastic modulus (E) of 1,300,000 psi.

J. Laminated veneer lumber (LVL) shall have an allowable flexural stress (Fb) of 2,600 psi (reduced by size factor) and an elastic modulus (E) of 2,000,000 psi.

K. Parallel Strand Lumber (PSL) shall have an allowable flexural stress (Fb) of 2,900 psi (reduced by size factor) and an elastic modulus (E) of 2,000,000 psi. ((E) = 2,200,000 psi for members > 18")

L. Glulams shall have the following minimum structural properties: flexural stress (Fb) of 2,400 psi, shear stress (Fv) of 265 psi, compressive stress (Fc) of 560 psi and elastic modulus (E) of 1,800,000 psi.

M. Pre-engineered wood trusses shall be designed in accordance with the Truss Plate Institute's national design standard for metal-plate connected wood truss construction (ANSI/TPI-1 latest edition). Trusses shall be designed and manufactured by an authorized member of the Wood Truss Council of America (WTCA). Truss design shall conform to specified codes, allowable stress increases, deflection limitations and other applicable criteria of the governing code.

N. Shop drawings showing complete erection and fabrication details and calculations (including connections) shall be submitted to the project architect / engineer for review prior to fabrication and/or erection. Calculations shall bear the seal of a professional engineer, registered in the state of the project location. Shop drawings shall also be submitted to the local government controlling agency when requested by that agency.

O. All trusses shall be securely braced both during erection and permanently, as indicated on the approved truss design drawings and in accordance with TPI's commentary and recommendations for handling, installing and bracing metal-plate connected wood trusses (HIB-91, booklet) and the latest edition of ANSI/TPI-1.

P. The truss manufacturer shall supply all hardware and fasteners for joining truss members together and fastening truss members to their supports. Metal connector plates shall be manufactured by a member of the Wood Truss Council of America (WTCA) and shall be 20 gauge minimum. Connector plates shall meet or exceed ASTM A653, grade 33, with ASTM A924 galvanized coating designation G60.

Q. Shipment, handling, and erection of trusses shall be by experienced, qualified persons and shall be performed in a manner so as not to endanger life or property. Apparent truss damage shall be reported to the truss manufacturer for evaluation prior to erection. Cutting or alteration of trusses is not permitted.

R. Roof Truss Design criteria:

Top Chord Dead Load	=	15 psf.
Top Chord Live Load	=	20 psf. (Plus Rooftop Equipment)
Top Chord Snow Load	=	20 psf or 14 psf plus Drift
Bottom Chord Dead Load	=	10 psf
Bottom Chord Live Load	=	0 psf
Live Load Deflection	=	L/360
Total Load Deflection	=	L/300 (1" MAX)

S. Roof trusses shall be designed per IBC 2018 for net uplift resulting from wind loading based on component and cladding loading.

T. Construction bracing shall be provided by the contractor as required to keep the building and studs plumb.

U. Structural members shall not be cut for pipes, etc., unless specifically detailed. Notching and boring of studs and top of plates shall conform to the provisions of section 2308.9.10 and 2308.9.11 of the IBC. Where top plates or sole plates are cut for pipes, ametal tie with minimum 0.058 inches thick and 1 1/2" inches wide shall be fastened to each plate across and to each side of the opening with not less than (6) 16d nails, in accordance section 2308.9.8 of the IBC.

V. All fasteners for wood to wood connections and wood connectors shall be as indicated in structural drawings or manufacturer literature to achieve full capacity of connector. Submittal must show that alternative will not reduce the capacity of the connection. All fasteners into chemically treated material shall be hot-dipped galvanized.

8. Shop Drawing Review:

A. Bob D. Campbell and Company, Inc. will review the General Contractor's (GC) shop drawings and related submittals (as indicated below) with respect to the ability of the detailed work, when complete, to be a properly functioning integral element of the overall structural system designed by Bob D. Campbell and Company, Inc.

B. Prior to submittal of a shop drawing or any related material to Bob D. Campbell and Company, Inc., the GC shall:

1. Review each submission for conformance with the means, methods, techniques, sequences and operations of construction and safety precautions and programs incidental thereto, all of which are the sole responsibility of the GC.
2. Review and approve each submission.
3. Stamp each submission as approved.

C. Bob D. Campbell and Company, Inc. shall assume that no submission comprises a variation unless the GC advises Bob D. Campbell and Company, Inc. with written documentation.

D. Shop drawings and related material (if any) required are indicated below. Should Bob D. Campbell and Company, Inc. require more than ten (10) working days to perform the review, Bob D. Campbell and Company, Inc. shall so notify the GC.

1. Miscellaneous anchors shown on the structural drawings.
2. Construction and control joint plans and/or elevations.
3. Wood truss design and calculations and detailed erection and fabrication drawings.
4. Wood shearwall holdown system.
5. Concrete mix designs and material certificates including admixtures and compounds applied to the concrete after placement.

E. Bob D. Campbell and Company, Inc. shall review shop drawings and related materials with comments provided that each submission has met the above requirements. Bob D. Campbell and Company, Inc. shall return without comment unrequired material or submissions without GC approval stamp.

9. Deferred Submittals:

A. Submit deferred submittals to Bob D. Campbell and Company for review. After review by Bob D. Campbell and notation indicating that the deferred submittal are in general conformance with the design of the building, the contractor shall forward the deferred submittal documents to the building official.

B. Do not install deferred submittal items until their design and submittal documents have been appoved by the building official.

C. Deferred submittals shall be prepared under the direct supervision of a licensed professional engineer licensed in the state for which the projected is located and the submittal shall bear their seal and signature.

D. Deferred submittals shall include supporting calculations.

E. Submittal requiring a deferred submittal:

1. Wood truss design calculations and detailed erection and fabrication drawings.
2. Handrails, guardrails, and grab bar.
3. Pre-fabricated canopies.

10. Structural Special Inspection:

A. The structural design for this project is based on completion of special inspections during construction in accordance with section 1704 of the International Building Code. The owner shall employ one or more qualified special inspectors to provide the required special inspections.

B. The special inspector shall furnish inspection reports to the building official, owner, architect and structural engineer, and any other designated person.

C. All discrepancies shall be brought to the immediate attention of the contractor for correction, then, if uncorrected, to the proper design authority, building official and structural engineer.

D. The special inspector shall submit a final signed report stating that the work requiring special inspection was, to the best of the inspector's knowledge, in conformance with the approved plans and specifications and the applicable workmanship provisions of the building code.

E. The following inspections and tests are required with the frequency (continuous or periodic) as defined within the referenced section or standard listed below. The General Contractor shall provide notification to the inspector when items requiring inspection are ready to be inspected and provide access for those inspections.

1. Shop Fabrication – pre-engineered wood trusses per Section 1704.2.5 unless TPI certified shop
2. Concrete Construction per Section 1705.3 and Table 1705.3
   a. Cast in Place Anchors
   b. Post Installed Anchors
   c. Design Mix Verification
   d. Concrete Sampling and Testing
   e. Concrete Placement
   f. Concrete Curing
   g. Formwork Shape, Location and Dimensions
3. Verification of Soils per Table 1705.6
6. Wood Lateral System (periodic)
   a. Wood shearwalls (include sheathing, rim board and bottom plate attachments)
   b. Portal frames
   c. Shear wall and portal frame holdowns
   d. Shear wall tension rod system
7. Wood Gravity Framing and Placement (adjust frequency of random sampling where indicated as required)
   a. Heavy timber/SCL/glulam beams and supports (periodic)
   b. Headers and jambs (random sampling)
   c. Bearing walls (random sampling)
   d. Connector/hardware installation (random sampling)
   e. Floor and roof trusses (random sampling)

11. Copyright and Disclaimer:

A. All drawings in the structural set (S-series drawings) are the copyrighted work of Bob D. Campbell and company, Inc. These drawings may not be photographed, traced, or copies in any manner without the written permission of Bob D. Campbell and Company, Inc. Exception: Original drawings may be printed for distribution to the owner, architect, and general contractor for coordination, bidding, and construction. Subcontractors may not reproduce these drawings for any purpose or in any manner.

B. I, Christopher A. Beverlin, P.E., registered engineer and a representative of Bob D. Campbell and Company, Inc., do hereby accept professional responsibility as required by the professional registration laws of this state for the structural design drawings consisting of S-series drawings. I hereby disclaim responsibility for all other drawings in the construction document package, they being the responsibility of other design professionals whose seals and signed statements may appear elsewhere in the construction document package.

LEGEND:

- ——▶ ..... SPAN DIRECTION OF DECK - DECK TYPE PER SCHEULE ON S0.01
- A# ..... BEAM OR HEADER PER SCHED ON S0.02
- A#-u ..... UPSET BEAM OR HEADER PER SCHED ON S0.02
- # ..... BEARING WALL TYPE PER SCHED ON S0.02
- A ..... SHEARWALL HOLDDOWN TYPE PER SCHED ON S0.03
- #/# ..... NUMBER OF RESPECTIVE JACK/KING STUDS IN A STUD PACK. REFER TO DETAIL 4/S0.02
- # ..... NUMBER OF WALL STUDS IN STUD PACK EQUAL TO KING & JAMB STUDS FROM HEADER ABOVE TYP @ ALL LOCATIONS WITHIN A PILASTER
- A ..... INDICATED PLAN NOTE PER SCHEDULE ON PLAN SHEET WHERE INDICATED
- SW# ..... SHEARWALL TYPE PER SCHED ON S0.03
- 3.0 ..... SPREAD FOOTING PER CONCRETE FOOTING SCHEDULE ON S0.01

STRUCTURAL SHEET LIST

Sheet Number	Sheet Name	Current Revision	Current Revision Date
S0.01	GENERAL NOTES		
S0.02	TYPICAL WOOD DETAILS & SCHEDULES		
S0.03	WOOD SHEARWALL DETAILS		
S0.04	TYPICAL WOOD DETAILS		
S2.40	FOUNDATION PLAN		
S2.41	ROOF FRAMING PLAN		
S2.42	SHEARWALL & BEARING WALL PLAN		
S3.00	FOUNDATION SECTIONS		
S3.01	FOUNDATION SECTIONS		
S3.10	FRAMING SECTIONS		
S3.11	FRAMING SECTIONS		
S3.12	FRAMING SECTIONS		

STRUCTURAL DECK & SLAB SCHEDULE

MARK	DESCRIPTION
SOG-1	4" CONC. SLAB (4000psi) REINFORCE WITH 6x6-W2.9xW2.9 WWF OR MACRO FIBER REINFORCMENT BATCHED TO BE EQUAL ATOP 4" OF 3/4" CLEAN GRANULAR LEVELING COURSE, ATOP SUITABLE SUBGRADE MATERIAL PER GEOTECH SPECIFICATIONS. T/SLAB EL. = PER PLAN, SLOPE TO DRAIN.
SOG-2	4" CONC. SLAB (4500psi, AIR ENTRAINED) REINFORCE WITH 6x6-W2.9xW2.9 WWF OR MACRO FIBER REINFORCMENT BATCHED TO BE EQUAL ATOP 4" OF 3/4" CLEAN GRANULAR LEVELING COURSE, ATOP SUITABLE SUBGRADE MATERIAL PER GEOTECH SPECIFICATIONS. T/SLAB EL. = PER PLAN, SLOPE TO DRAIN.
RD-1	19/32" APA-RATED, EXP I SHEATHING ATTACHED WITH #10 SCREWS @ 6"o.c. AT EDGES & 12"o.c. AT FIELD

NOTES:
1. FD = FLOOR DECK TYPE.
2. SOG = SLAB-ON-GRADE TYP.
3. RD = ROOF DECK TYP.

CONCRETE FOOTING SCHEDULE

BRG PRESSURE (PSF): 2,000	CONCRETE (PSI): 3,500	REBAR (KSI): 60
TYPE	FOOTING SIZE (FT.) THICKNESS (IN.)	QTY/SIZE OF BARS
3.0	3'-0" x 3'-0" x 12"	#4 @ 6"oc EA WAY BOTTOM
3A	3'-0" x 3'-0" x 2'-8"	#4 @ 6"oc EA WAY TOP & BOTTOM

NOTE:
1.) EXTERIOR FOOTINGS OR FOOTING AT GRADE BEAM SHALL MATCH GRADE BEAM DEPTH AND BE PLACE WITH GRADE BEAM. PROVIDE SPECIFIED REBAR TOP AND BOTTOM WITH 4 STANDEES TO SUPPORT MATS.
2.) CENTER FOOTINGS ON COLUMNS AND/OR WALL CENTER LINES PER PLAN U.N.O.
3.) SPREAD FOOTINGS LOCATED AT INTERIOR SHALL BE POURED MONOLITHIC WITH THE SLAB AS A THICKENED PORTION OF SLAB INLESS THEY HAVE A STEEL COLUMN BEARING ATOP.

STRUCTURAL ABBREVIATIONS

@	AT	FLR	FLOOR	PL	PLATE
&	AND	FS	FAR SIDE	PLF	POUNDS PER LINEAR FOOT
Ø	ROUND, DIAMETER	FTG	FOOTING	PJP	PARTIAL JOINT PENETRATION
ADTL	ADDITIONAL	FV	FIELD VERIFY	PSF	POUNDS PER SQUARE FOOT
AFF	ABOVE FINISHED FLOOR	GA	GAGE	PSI	POUNDS PER SQUARE INCH
ALT	ALTERNATE	GALV	GALVANIZE(D)	QTY	QUANTITY
ARCH	ARCHITECTURAL	GEN	GENERAL	RAD	RADIUS
BLDG	BUILDING	GR	GRADE	RD-#	ROOF DECK TYPE
B/	BOTTOM OF	HORIZ	HORIZONTAL	REF	REFERENCE
BM	BEAM	HSS	HOLLOW STRUCTURAL SECTION	REINF	REINFORCEMENT
BOTT	BOTTOM	IF	INSIDE FACE	REQD	REQUIRED
BRG	BEARING	INFO	INFORMATION	REV	REVISION
C	CAMBER	INT	INTERIOR	RLL	ROOF LIVE LOAD
CD-#	CONCRETE DECK TYPE	JST	JOIST	RTU	ROOF TOP UNIT
CJ	CONSTRUCTION/CONTROL JOINT	JT	JOINT	SC	SLIP CRITICAL
CJP	COMPLETE JOINT PENETRATION	K	KIPS (1000 LBS)	SCHED	SCHEDULE(D)
CL	CENTERLINE	KSF	KIPS PER SQUARE FOOT	SECT	SECTION
CMU	CONCRETE MASONRY UNIT	KSI	KIPS PER SQUARE INCH	SHT	SHEET
COL	COLUMN	LBS, #	POUNDS	SIM	SIMILAR
CONC	CONCRETE	Ld	DEVELOPMENT LENGTH	SJ	SAW JOINT
CONN	CONNECTION	LL	LIVE LOAD	SL	SNOW LOAD
CONT	CONTINUOUS	LLH	LONG LEG HORIZONTAL	SOG	SLAB-ON-GRADE
COORD	COORDINATE	LLV	LONG LEG VERTICAL	SOG-#	SLAB-ON-GRADE TYPE
COV. CVR	COVER	LONG	LONGITUDINAL	SPCG	SPACING
DBL	DOUBLE	LSLT	LONG-SLOTTED HOLE TRANSVERSE	SPEC	SPECIFICATION
DET	DETAIL	LTWT	LIGHTWEIGHT	SPRT	SUPPORT
DIA	DIAMETER	M	MOMENT FORCE	SQ	SQUARE
DIM	DIMENSION	MAX	MAXIMUM	SS	STAINLESS STEEL
DL	DEAD LOAD	MECH	MECHANICAL	SSLT	SHORT-SLOTTED HOLE TRANSVERSE
DWG	DRAWING	MFGR	MANUFACTURER	STD	STANDARD
EA	EACH	MIN	MINIMUM	STIFF	STIFFENER
EF	EACH FACE	MISC	MISCELLANEOUS	STIR	STIRRUP
EJ	EXPANSION JOINT	MSRY	MASONRY	STL	STEEL
EL, ELEV	ELEVATION	MTL	METAL	STRUCT	STRUCTURE, STRUCTURAL
EMBED	EMBEDMENT, EMBEDDED	NF	NEAR FACE	T/	TOP OF
ENGR	ENGINEER	NS	NEAR SIDE	THRU	THROUGH
EOD	EDGE OF DECK	NTS	NOT TO SCALE	TOS	TOP OF STEEL, TOP OF SLAB
EOR	ENGINEER OF RECORD	NW	NORMAL WEIGHT	TRANS	TRANSVERSE
EOS	EDGE OF SLAB	OC	ON CENTER	TRS	TRUSS
EQ	EQUAL	OF	OUTSIDE FACE	TYP	TYPICAL
EQUIP	EQUIPMENT	OPNG	OPENING	UNO	UNLESS NOTED OTHERWISE
EW	EACH WAY	OPP	OPPOSITE	V	SHEAR FORCE
EXP	EXPANSION	OVS	OVERSIZED HOLE	VERT	VERTICAL
EXT	EXTERIOR	P	AXIAL FORCE	W/	WITH
EXTG, EXIST	EXISTING	PAF	POWDER ACTUATED FASTENER	W/0	WITHOUT
FD-#	FLOOR DECK TYPE	PC	PRECAST	WF	WIDE FLANGE
FDN	FOUNDATION	PCF	POUNDS PER CUBIC FOOT	WL	WIND LOAD
FF	FAR FACE	PEMB	PRE-ENGINEERED METAL BUILDING	WP	WORK POINT
FIN	FINISH	PERP	PERPENDICULAR	WWF	WELDED WIRE FABRIC

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PERMIT SET

STATE OF MISSOURI
CHRISTOPHER A. BEVERLIN
NUMBER PE-2010012393
6.14.24
PROFESSIONAL ENGINEER

MD PROJECT #:	21097
DRAWN BY:	JLF
CHECKED BY:	CAB
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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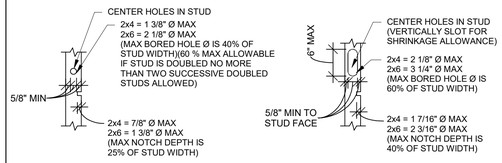
GENERAL NOTES

S0.01



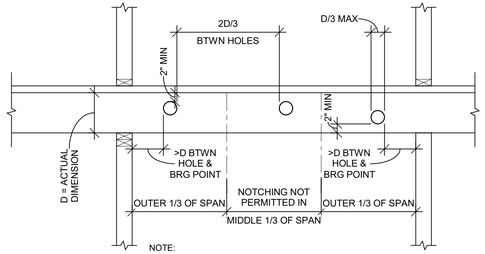
TYPICAL NOTES FOR BEARING WALLS

1. HOLES SHALL NOT BE LOCATED IN THE SAME STUD AS A CUT OR NOTCH
2. CONTACT ARCHITECT PRIOR TO CUTTING OR NOTCHING TO VERIFY SIZE AND LOCATION IF HOLE IS GREATER THAN 20% STUD WIDTH OR NOTCHES GREATER THAN 10% STUD WIDTH ARE REQUIRED IN TWO OR MORE CONSECUTIVE STUDS
3. NOTCHES OR HOLES NOT PERMITTED IN JAMBS, STUD PACKS AND AT ENDS OF SHEARWALLS
4. STUD SHOES ARE NOTE AN ACCEPTABLE REMEDIATION OF OVER-NOTCHED OR OVER-CUT STUDS WITHOUT PRIOR APPROVAL BY EOR
5. SLOT HOLES VERTICALLY FOR SHRINKAGE ALLOWANCE.

ALLOWABLE HOLES/NOTCHES IN WALL STUDS

1 DETAIL

3/4" = 1'-0"

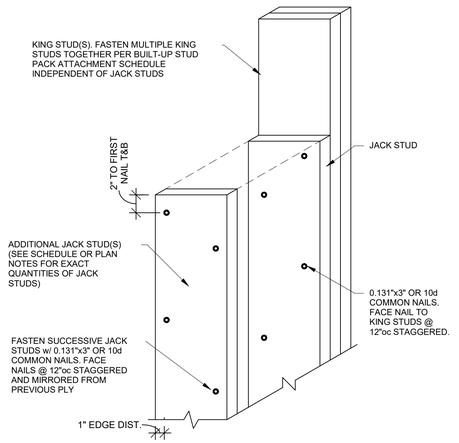


NOTE:

1. CONTACT ARCHITECT PRIOR TO CUTTINH JOISTS TO VERIFY SIZE AND LOCATION
2. DETAIL APPLIES TO 2x FRAMING ONLY. REFER TO ENGINEERED OR COMPOSITE LUMBER MANUFACTURER'S RECOMMENDATIONS AT PSLs, LVLS, LSLs & GLULAM

2 DETAIL

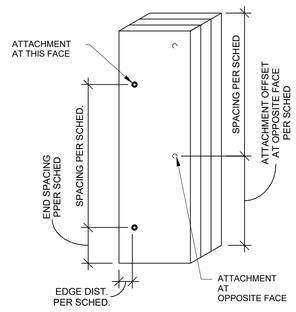
3/4" = 1'-0"



TYPICAL JACK STUD ATTACHMENT

4 DETAIL

1 1/2" = 1'-0"



TYPICAL MULTI-PLY STUD CONNECTION

3 DETAIL

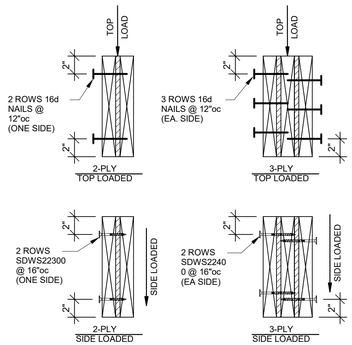
1 1/2" = 1'-0"

BUILT-UP STUD PACK COLUMN ATTACHMENT SCHEDULE

NUMBER OF PLIES	ATTACHMENT AT JAMB STUD PACKS	ATTACHMENT AT WALL STUD PACKS
2-PLY MEMBERS	8d NAILS AT 12"oc, 1" FROM EDGE, w/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST NAIL 2" FROM EA. END	8d NAILS AT 12"oc, 1" FROM EDGE, w/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST NAIL 2" FROM EA. END
3-PLY MEMBERS	20d NAILS AT 16"oc, 1 1/2" FROM EDGE w/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 8", @ 16"oc w/ FIRST NAIL 4" FROM EA. END	8d NAILS AT 12"oc, 1" FROM EDGE, w/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST NAIL 2" FROM EA. END
4-PLY MEMBERS	1/4"Øx5" SIMPSON SDS SCREWS AT 16"oc, 1 1/2" FROM EDGE w/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 8", @ 16"oc w/ FIRST SCREW 4" FROM EA. END	3 PLIES ATTACHED PER 3-PLY ATTACHMENT w/ 4th PLY ATTACHED w/ 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROW 6"
5-PLY MEMBERS	1/4"Øx6" SIMPSON SDS SCREWS AT 12"oc, 1 1/2" FROM EDGE w/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST SCREW 4" FROM EA. END	3 PLIES ATTACHED PER 3-PLY ATTACHMENT w/ 4th & 5th PLY ATTACHED w/ 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROW 6"
6-PLY MEMBERS	1/4"Øx8" SIMPSON SDS SCREWS AT 12"oc, 1 1/2" FROM EDGE w/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST SCREW 4" FROM EA. END	3 PLIES ATTACHED PER 3-PLY ATTACHMENT w/ 4th PLY ATTACHED w/ 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROW 6" AND 5th AND 6th PLIES ATTACHED w/ 1/4"Øx5" SIMPSON SDS SCREWS @ 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROSS 6"oc w/ FIRST SCREW 4" FROM EA. END

NOTES:

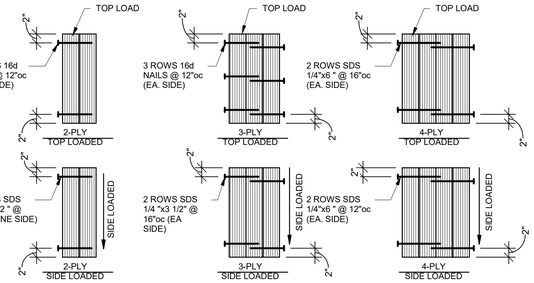
1. ALL BUILT-UP STUD PACKS MUST ALIGN FLOOR-TO-FLOOR WITH SOLID BLOCKING (SQUASH BLOCKS) AT FLOOR CAVATIES.
2. EXTEND ALL STUD PACKS TO COLUMNS UNLESS NOTED OTHERWISE.
3. ALL NAILS ARE COMMON NAILS UNLESS NOTED OTHERWISE.
4. JAMB STUD PACKS ARE STUDS SUPPORTING STRUCTURAL MEMBERS SUCH AS BEAMS, HEADERS, GIRDER TRUSSES, ETC.
5. WALL STUD PACKS ARE REPETITIVE STUDS BETWEEN WALL PLATES AS SCHEDULED IN THE "STUD BEARING WALL SCHEDULE".



TYPICAL MULTI-PLY HEADER CONNECTION

5B DETAIL

1 1/2" = 1'-0"



TYPICAL MULTI-PLY BEAM CONNECTION

5A DETAIL

3/4" = 1'-0"

STUD BEARING WALL SCHEDULE

WALL TYPE	1st FLOOR WALLS (ROOF FRAMING)	NOTES
EXTERIOR WALL	2x6 @ 16"oc	-
TYPICAL INTERIOR	2x6 @ 16"oc OR 2x4 @ 16"oc WITH AN ADDT'L 2x4 AT 32oc	REFER TO ARCH DWGS FOR WALL SIZE
1	(2)2x8 @ 16"oc	SEE S2.42 FOR LOCATION
2	(2)2x6 @ 16"oc	SEE S2.42 FOR LOCATION

NOTES:

1. PROVIDE 2x BLOCKING AT MID HEIGHT (5'-0" MAX) AT ALL LOAD BEARING WALLS NOT SHEATHED ON BOTH SIDES AND ALL STUDS LARGER THAN 2x6.
2. ALL STUDS TO BE No. 2 GRADE U.N.O.
3. RE. 3/S0.02 FOR NAILING OF MULTIPLE STUDS.
4. REFER TO ARCH/MEP DRAWING FOR LOCATIONS OF FURRED OUT WALLS TO ACCOMODATE PLUMBING OR MEP ITEMS.
5. REFER TO FRAMING PLANS AND ARCH PLANS FOR LEVEL(S) AT WHICH WALLS OCCUR.
6. WHERE SCHEDULE LISTS DIFFERENT WALL SIZES WITH AN "OR", REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS WHERE EACH SIZE IS TO BE USED.

HEADER SCHEDULE

MARK	MEMBER SIZE	JAMB TYPE	NOTES
A1	(2) 2x8	1 JACK / 2 KING	-
C1	(2) 2x12	1 JACK / 1 KING	-
D1	(3) 2x8	1 JACK / 1 KING	-
D2	(3) 2x8	1 JACK / 3 KING	-
E1	(3) 2x10	1 JACK / 2 KING	-
E2	(5) 2x10	COLUMN PER PLAN	-
F1	(3) 2x12	2 JACK / 2 KING	
F2	(4) 2x12 BOX HEADER WITH 2x10 PLATE ABOVE & BELOW	2 JACK / 3 KING 2x10s	-
N1	(3) 1 3/4" x 11 1/4" LVL	2 JACK / 2 KING	-
Q1	(3) 1 3/4" x 14" LVL	3 KING	-

PLAN NOTES

A	24" DEEP (MIN) PRE-ENGINEERED ROOF TRUSSES @ 24"oc (MAX) WITH 1/4"/FT SLOPED TOP CHORD
B	2x10 AT 16"oc
C	8x8 WOOD COLUMN ATOP SIMPSON ABU88Z BASE WITH (2)5/8Øx6"Lg SIMPSON TITEN HD SCREW ANCHORS AND A SIMPSON BC8 COLUMN CAP
D	(3)2x10 STRUCTURAL FACIA WITH SIMPSON HUC210-3 AT EA END
E	(3)2x10 STRUCTURAL FACIA WITH SIMPSON HHUS210-4 INVERTED TO AT 3 JACKS / 2 KINGS AT WALL (E2)

NAILING SCHEDULE (REFER TO NOTES #1 and #2)

No.	CONNECTION	ATTACHMENTS	(REF NOTE #3 and #4)
1	JOIST TO SILL OR GIRDER	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
2	BRIDGING TO JOIST	2- 3" x 0.131" NAILS-TOENAIL EACH END	2-8d NAILS-TOENAIL EACH END
3	SOLE PLATE TO JOIST OR BLOCKING	3" x 0.131" NAILS AT 8"o.c.- TYPICAL FACE NAIL 4-3" x 0.131" NAILS AT 6"o.c. BRACED WALL PANELS	16d BOX NAILSZ AT 16"o.c. MAX. FACE NAILING 3-16d BOX NAILS AT 16"o.c. BRACED WALL PANEL
4	TOP PLATE TO STUD	3- 3" x 0.131" NAILS-END NAIL	2-16d NAILS-END NAIL
5	STUD TO SOLE PLATE	4- 3" x 0.131" NAILS-TOENAIL OR 3- 3" x 0.131" NAILS-END NAIL	4-8d NAILS-TOENAIL OR 2-16d NAILS-END NAIL
6	DOUBLE STUDS	3" x 0.131" NAILS AT 8"o.c.-FACE NAIL	16d BOX NAILS AT 24"o.c. MAX. FACE NAIL
7	DOUBLED TOP PLATES	3" x 0.131" NAILS AT 12"o.c.-FACE NAIL	16d BOX NAILS AT 16"o.c. MAX. FACE NAIL
8	DOUBLE TOP PLATE LAPS AND INTERSECTIONS	12-3" x 0.131" NAILS	8-16d NAILS
9	BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3-3" x 0.131" NAILS -TOENAIL	3-8d NAILS-TOENAIL
10	RIM JOIST TO TOP PLATE	3" x 0.131" NAILS AT 6"o.c.-TOENAIL	8d NAILS AT 6"o.c. MAX.-TOENAIL
11	TOP PLATE LAPS AND INTERSECTIONS	3- 3" x 0.131" NAILS-FACE NAIL	2-16d NAILS-FACE NAIL
12	CONTINUOUS HEADER, TWO PIECES	3" x 0.131" NAILS AT 10"o.c. ALONG EACH EDGE	16d NAILS AT 16"o.c. MAX. ALONG EACH EDGE-TOENAIL
13	CEILING JOISTS TO PLATE	5- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
14	CONTINUOUS HEADER TO STUD	4- 3" x 0.131" NAILS-TOENAIL	4-8d NAILS-TOENAIL
15	CEILING JOISTS, LAPS OVER PARTITIONS	4- 3" x 0.131" NAILS-FACE NAIL	3-16d NAILS-FACE NAIL
16	CEILING JOISTS TO PARALLEL RAFTERS	4- 3" x 0.131" NAILS-FACE NAIL	3-16d NAILS-FACE NAIL
17	RAFTER TO PLATE	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
18	1" BRACE TO EACH STUD AND PLATE	2- 3" x 0.131" NAILS-FACE NAIL	2-8d NAILS-FACE NAIL
19	BUILT-UP CORNER AND MULTIPLE STUDS	3" x 0.131" NAILS AT 16"o.c.	16d NAILS AT 24"o.c. MAX.
20	BUILT-UP GIRDER AND BEAMS	3" x 0.131" NAILS AT 24"o.c. FACE NAILED TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES 3- 3" x 0.131" NAILS AT ENDS AND EACH SPLICE	20d NAILS AT 32"o.c. MAX. TOP AND BOTTOM, STAGGERED ON 0PPSITE SIDES. 2-20d NAILS AT ENDS AND EACH SPLICE
21	BUILT-UP LAMINATED VENEER LUMBER BEAMS	3" x 0.131" NAILS AT 6"o.c. TOP AND BOTTOM ALONG EDGE	16d NAILS AT 12"o.c. TOP AND BOTTOM ALONG EDGE
22	2" PLANKING	4- 3" x 0.131" NAILS AT EACH SUPPORT	16d NAILS AT EACH SUPPORT
23	RIM BOARD TO TRUSS	2- 3" x 0.131" FACE NAILS (IT/IB @ EA. TRUSS)	2- 10d NAILS - FACE NAILS (IT/IB @ EA. TRUSS)
24	BUILD-UP STUD-PACK COLUMNS	REFER TO DETAIL 3/S0.02	REFER TO DETAIL 3/S0.02

NOTES:

1. ALL NAILS SHALL BE AS NOTED UNO SPECIFIED ON STRUCTURAL DWGS OR ALTERNATE PROVIDED BY EOR IN WRITING.
2. CONDITIONS NOT SPECIFIED SHALL BE IN ACCORDANCE WITH CURRENT INTERNATIONAL BUILDING CODE.
3. NAILING DESIGNATION:

   4 - 3" x 0.131" NAILS
   - 4 = QUANITY
   - 3" = NAIL LENGTH
   - 0.131" = DIAMETER IN INCHES

4. ALL NAILS NOTED AS 8d, 10d, 16d, ETC. SHALL BE COMMON NAILS UNLESS NOTED BOX.

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PERMIT SET

STATE OF MISSOURI
CHRISTOPHER A. BEVERLIN
NUMBER PE-2017012593
6.14.24
PROFESSIONAL ENGINEER

MD PROJECT #:	21097
DRAWN BY:	JLF
CHECKED BY:	CAB
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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TYPICAL WOOD DETAILS & SCHEDULES

S0.02

SHEARWALL SCHEDULE

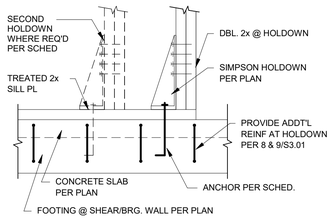
SHEARWALL TYPE		FLOOR	SILL PLATE CONNECTION (RE: NOTES 6 & 7)	NUMBER OF WALL STUDS AT HOLDOWN (RE: NOTE 4)
		1st FLOOR WALLS		
SW-1	MATERIAL & THICKNESS	5/8" GYPSUM SHEATHING ONE SIDE, w/ EDGES BLOCKED		
	NAIL SIZE & SPACING	6d NAILS 4/4		
SW-2	MATERIAL & THICKNESS	7/16" OSB SHEATHING ONE SIDE, w/ EDGES BLOCKED		
	NAIL SIZE & SPACING	8d NAILS 6/12		

NOTES:
1. NAILING SHALL BE TO ALL STUDS, TOP & BOTTOM PLATES, AND BLOCKING WHERE INDICATED.
2. HOLDOWNS PER PLAN & SCHEDULE ON THIS SHEET.
3. WHERE THE ENDS OF PERPENDICULAR SHEAR WALLS INTERSECT AND ONLY ON HOLDOWN SHOWN ON PLAN, FASTEN ALL STUDS TOGETHER PER SCHEDULE AND USE LARGER OF THE TWO HOLDOWNS SHOWN IN THE SHEARWALL SCHEDULE.
4. PROVIDE 2 WALL STUDS AT EACH HOLDDOWN UNLESS NOTED OTHERWISE IN SCHEDULE. AT LOCATIONS WHERE A SHEARWALL TERMINATES AT AN OPENING JAMB, PROVIDE NUMBER OF STUDS PER JAMB SCHEDULE PLUS AN ADDITIONAL STUD FOR THE SHEARWALL. ATTACH ALL STUDS TOGETHER PER 3/S0.02.
5. NAIL AND STAPLE SPACING SHOWN AS (##) INDICATES FASTENERS SPACING IN INCHES AT THE EDGES/FIELD WHERE FIELD IS THE INTERMEDIATE MEMBERS.
6. TYPICAL SILL PLATE TO WOOD SHALL BE 1/4"Ø SDS SCREWS PER DETAIL 3/S3.00 AT 12"oc UNLESS NOTED OTHERWISE IN SCHEDULE.
7. TYPICAL SILL PLATE TO CONCRETE SHALL BE 1/2"Ø x6" Lg SIMPSON TITEN HD ANCHOR:
   AT 2x4 WALLS SPACE AT 24"oc MAX WITH 1/4"x2 1/2"x2 1/2" PLATE WASHER OR SIMPSON BPS1/2-3 @ CONTRACTORS OPTION
   AT 2x6 WALLS SPACE AT 24"oc MAX WITH 1/4"x2 1/2"x4 1/2" PLATE WASHER OR SIMPSON BPS1/2-6 @ CONTRACTORS OPTION
8. PLATE WASHERS TO MAINTAIN MAX OF 1/2" BETWEEN EDGE OF SILL PLATE AND EDGE OF PLATE WASHER.
9. OSB @ INTERIOR WALL SHALL BE IN ADDITION TO 5/8" GYP SHEATHING.

HOLDOWN SCHEDULE

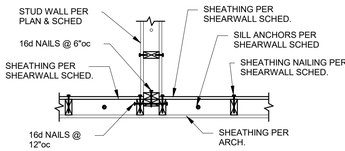
MARK	HOLDOWN
A	HDU2
B	SIMPSON DTT2Z TO STUD PACK SUPPORTING GIRDER TRUSS OR HEADER ABOVE

NOTES:
1. HOLDOWN TYPES ARE BASED UPON MANUFACTURER SIMPSON STRONG-TIE.
2. REFER TO SECTION DETAILS ON S0.03 FOR TYPICAL HOLDOWN DETAILS.
3. WHERE THE ENDS OF PERPENDICULAR SHEAR WALLS INTERSECT AND ONLY ONE HOLDOWN SHOWN ON PLAN, FASTEN ALL STUDS TOGETHER PER SCHEDULE AND USE LARGER OF THE TWO HOLDOWNS SHOWN ON THE SHEARWALL SCHEDULE. AT LOCATINS WHERE A SHEARWALL TERMINATES AT AN OPENING JAMB, PROVIDE NUMBER OF STUDS PER JAMB SCHEDULE PLUS AN ADDITIONAL STUD FOR THE SHEARWALL.
4. ALL HOLDOWN POSTS TO BE (2) 2x's (MIN.) (U.N.O.) TO MATCH STUD SIZE & GRADE NOTED IN WALL SCHEDULE. PROVIDE ADDITIONAL STUDS AS REQ'D TO MEET QUANTITY NOTED IN SCHED.
5. USE 5/8"Ø ASTM F1554 (GR 36) THREADED ROD, DRILL & EPXOY w/ 10" EMBED INTO SLAB AT HDUs AND 1/2"Ø AT DTT22s.



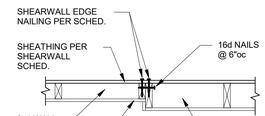
TYP HOLDOWN DETAIL

1 SECTION
3/4" = 1'-0"

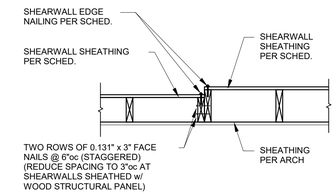


TYPICAL @ DISCONTINUOUS SHEARWALL SHEATHING

2 SECTION
3/4" = 1'-0"



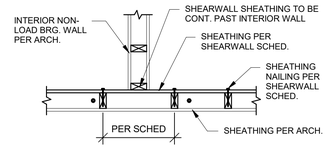
SHEATHING ON FLUSH SIDE OF WALL



SHEATHING ON TRANSITION SIDE OF WALL

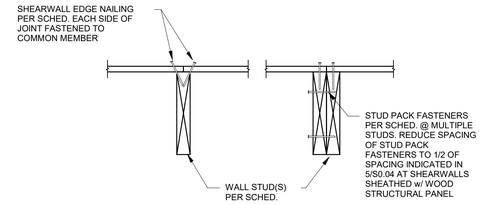
TYPICAL DETAIL @ STUD SIZE TRANSITION

3 SECTION
3/4" = 1'-0"



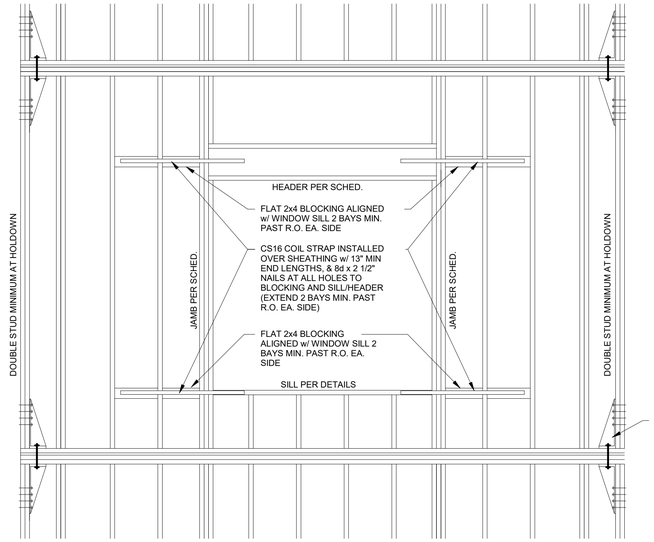
TYPICAL @ SHEARWALL SHEATHING CONTINUOUS PAST NON-LOAD BRG WALL

4 SECTION
3/4" = 1'-0"



TYPICAL SHEARWALL SHEATHING JOINT

5 SECTION
1 1/2" = 1'-0"



TYPICAL "SW2" FORCE TRANSFER SHEARWALL ELEVATION @ WINDOW OPENINGS

6 ELEVATION
1/2" = 1'-0"

TYPICAL OPENING THROUGH BLOCKED SHEARWALL

7 ELEVATION
1/2" = 1'-0"

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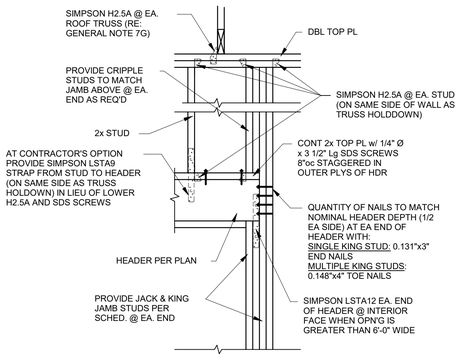
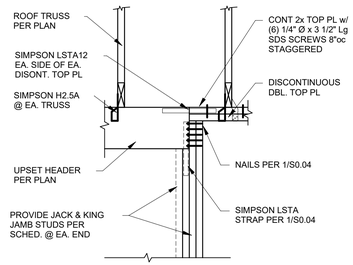
WOOD SHEARWALL DETAILS

S0.03



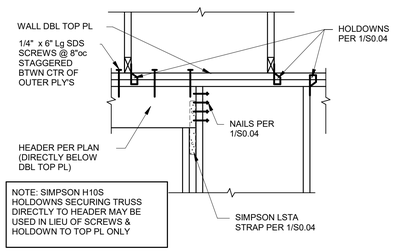
TYPICAL HEADER DETAIL @ ROOF TRUSS BRG LOCATIONS

1 SECTION
3/4" = 1'-0"



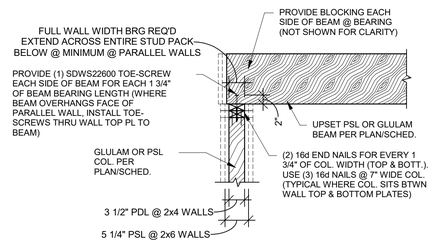
TYPICAL HEADER DETAIL AT DISCONTINUOUS TOP PLATE AT ROOF

2 SECTION
3/4" = 1'-0"



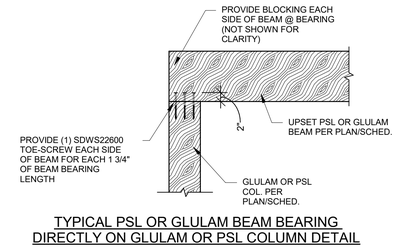
TYPICAL HEADER DEATIL AT ROOF TRUSS BRG LOCATIONS w/HEADER DIRECTLY BELOW DBL TOP PL

3 SECTION
3/4" = 1'-0"



TYPICAL PSL OR GLULAM BEAM AND/OR COLUMN DETAIL

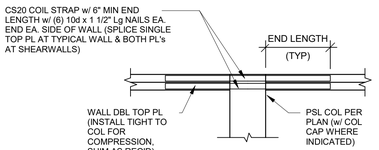
4 SECTION
3/4" = 1'-0"



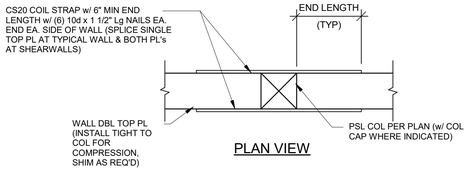
TYPICAL PSL OR GLULAM BEAM BEARING DIRECTLY ON GLULAM OR PSL COLUMN DETAIL

NOTES:
1. REFER TO 4/S0.04 WHERE COL IS SET BTWN WALL TOP & BOTTOM PLATES
2. PROVIDE STRAPS PER 6/S0.04 AT DISCONTINUOUS WALL TOP PLATES.

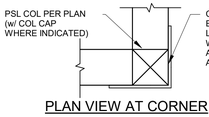
5 SECTION
3/4" = 1'-0"



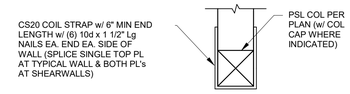
ELEVATION VIEW



PLAN VIEW



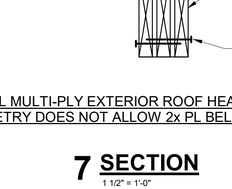
PLAN VIEW AT CORNER



PLAN VIEW AT END OF WALL

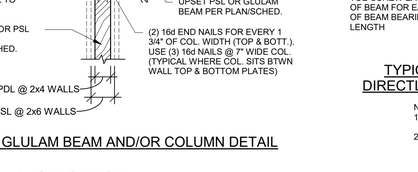
TYPICAL STRAPS @ DISCONTINUOUS TOP PL @ COL

6 SECTION
3/4" = 1'-0"



TYPICAL MULTI-PLY EXTERIOR ROOF HEADER WHERE GEOMETRY DOES NOT ALLOW 2x PL BELOW HEADER

7 SECTION
1 1/2" = 1'-0"

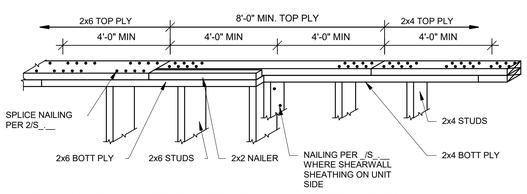


TYPICAL LEDGER CONNECTION

8 SECTION
3/4" = 1'-0"

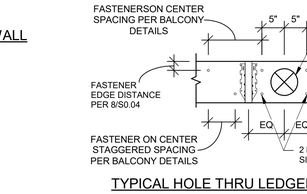
TYPICAL HOLE THRU LEDGER DETAIL

9 SECTION
3/4" = 1'-0"



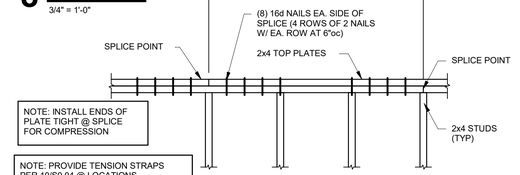
TYPICAL TOP PLATE SPLICE AT WALL SIZE TRANSITION

12 SECTION
3/4" = 1'-0"



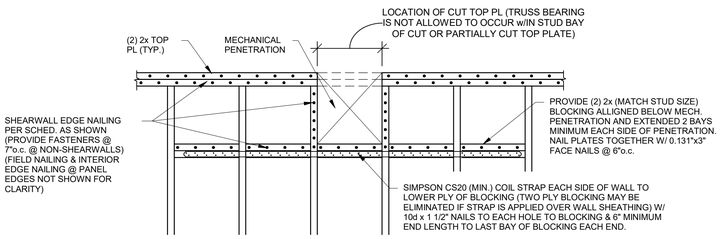
TYPICAL SPLICE AT DISCONTINUOUS TOP PL

10 SECTION
3/4" = 1'-0"



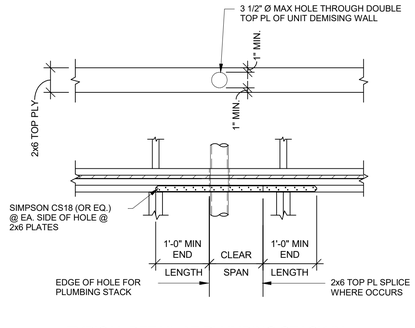
TYPICAL TOP PLATE SPLICE

11 SECTION
3/4" = 1'-0"



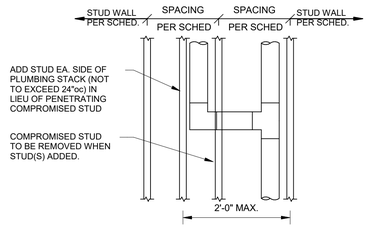
TYPICAL TOP PLATE SPLICE AT SHEARWALL OR BEARING WALL DUE TO MECH. PENETRATION

11A SECTION
3/4" = 1'-0"



TYPICAL DETAIL AT PLUMBING STACK IN DOUBLE UNIT DEMISING WALLS

13 SECTION
3/4" = 1'-0"



TYPICAL WHERE PLUMBING STACK HAS HORIZONTAL JOG

14 SECTION
3/4" = 1'-0"

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LEE'S SUMMIT, MISSOURI
PERMIT SET

STATE OF MISSOURI
CHRISTOPHER A. BEVERLIN
NUMBER PE-2010012503
6-14-24

MD PROJECT #:	21097
DRAWN BY:	JLF
CHECKED BY:	CAB

PRELIMINARY PRICING SET
PERMIT SET 06/14/2024

#	DATE	REVISION SCHEDULE DESCRIPTION

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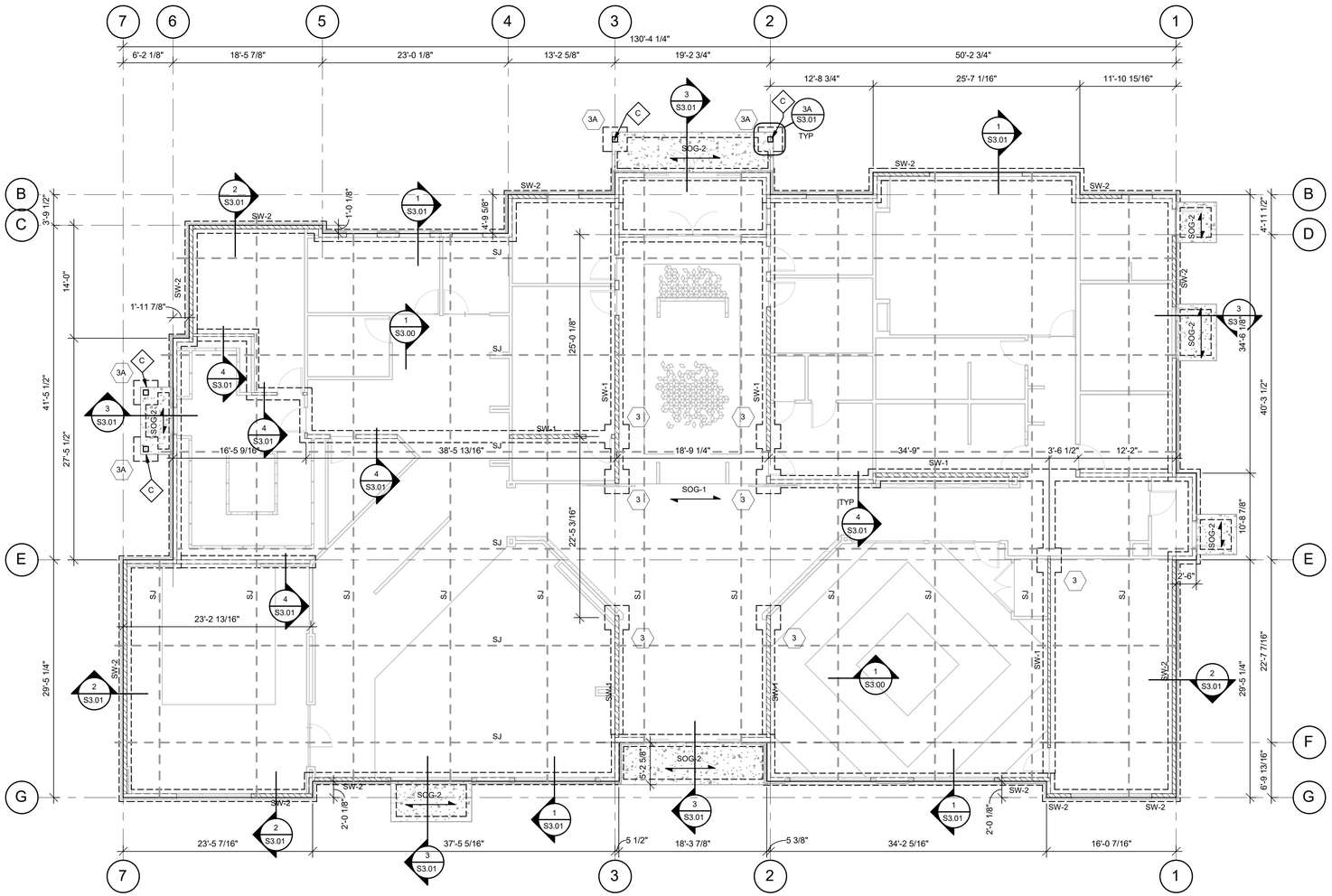
TYPICAL WOOD DETAILS

S0.04



1 FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION NOTES:

1. REFER TO GENERAL NOTES ON SHEET S0.01.
2. REFER TO CIVIL AND ARCH DRAWING FOR SLAB ELEVATIONS.
3. ELEVATION 100'-0" EQUALS CIVIL DATUM ELEVATION.
4. TOP OF FOOTING ELEVATIONS = 99'-0" U.N.O. ON PLAN
5. REFER TO FOOTING SCHEDULE ON S0.01.
6. REFER TO ARCH AND MECH DRAWINGS FOR LOCATIONS OF SPOT AND TRENCH DRAINS.
7. REFER TO S3.00 SERIES DRAWINGS FOR TYPICAL FOUNDATION DETAILS.

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PERMIT SET

STATE OF MISSOURI
CHRISTOPHER A. BEVERLIN
NUMBER PE-2017012293
6.14.24
PROFESSIONAL ENGINEER

MD PROJECT #:	21097
DRAWN BY:	JLF
CHECKED BY:	CAB

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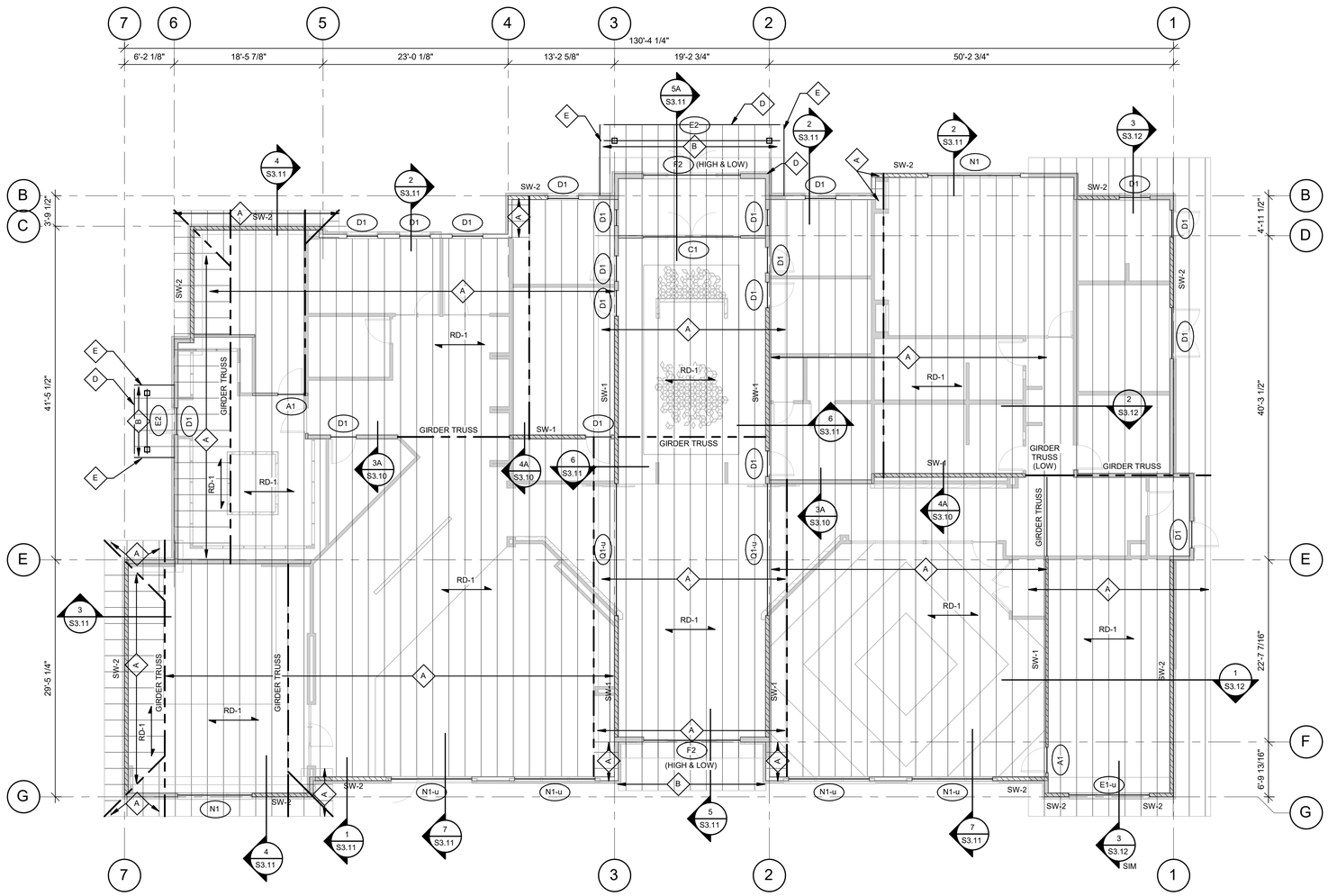
FOUNDATION PLAN

S2.40



1 FRAMING PLAN

1/8" = 1'-0"

ROOF FRAMING NOTES:

1) REFER TO GENERAL NOTES ON SHEET S0.01.
2) REFER TO STUD BEARING WALL SCHEDULE TO SHEET S0.02.
3) REFER TO HEADER/BEAM SCHEDULE ON SHEET S0.02.
4) REFER TO SHEARWALL SCHEDULE ON SHEET S0.03.
5) ROOF TRUSSES ARE TO BE PRE-ENGINEERED WITH A MAXIMUM SPACING OF 24"oc (SLOPE PER ARCH).
5) PROVIDE (3) STUD (MINIMUM) ALIGNED UNDER EACH END OF GIRDER TRUSS (CONTINUOUS FOUNDATION) - FINAL QUANTITY TO MATCH NUMBER OF PLIES OF GIRDER TRUSS. PROVIDE SIMPSON LSTA-STYLE HOLDOWN AT EACH END OF GIRDER TRUSS PER DETAIL 5/S3.10.
6) REFER TO S3.10-SERIES DRAWINGS FOR ADDITIONAL ROOF FRAMING DETAILS NOT INDICATED HERE.

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LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
CHRISTOPHER A. BEVERLIN
NUMBER PE-2010012643
6-14-24
PROFESSIONAL ENGINEER

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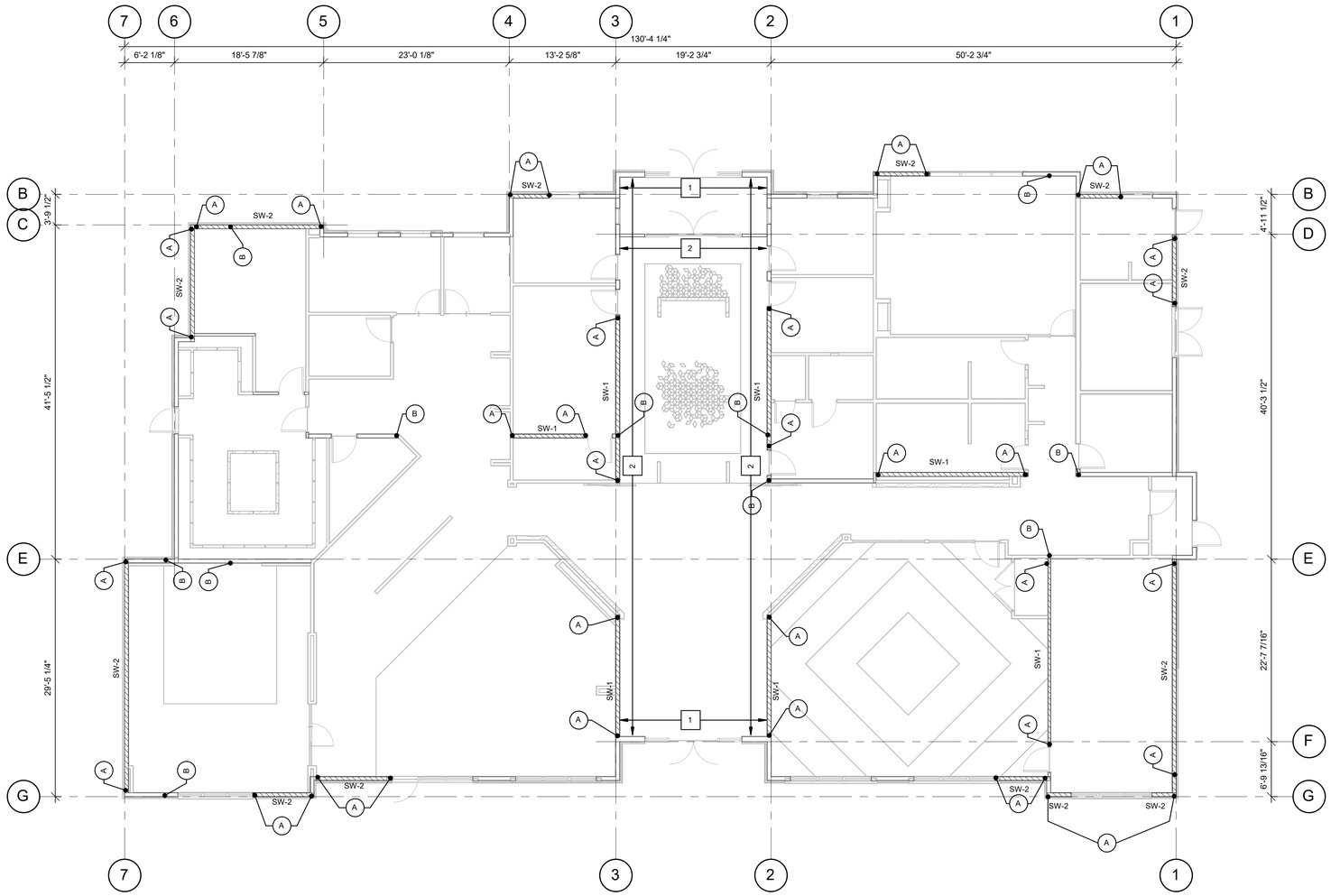
ROOF FRAMING PLAN

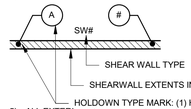
S2.41



1 SHEARWALL & BEARING WALL PLAN

1/8" = 1'-0"

SHEARWALL NOTES:
1) REFER TO GENERAL NOTES ON SHEET S0.01.
2) REFER TO STUD BEARING WALL SCHEDULES ON SHEET S0.02.
3) REFER TO SHEAR WALL & HOLDOWN SCHEDULES ON SHEETS S0.02.
4) SHEARWALLS/HOLDOWNS DESIGNATED AS FOLLOWS:



5) ALL EXTERIOR SHEARWALLS SHALL BE SHEATHED WITH 7/16" OSB WITH 8d NAILS AT 6"oc EDGES AND AT 12"oc FIELD.

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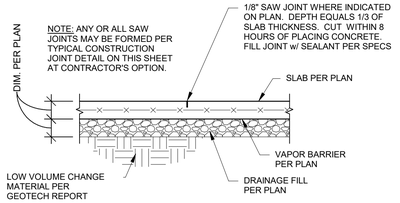
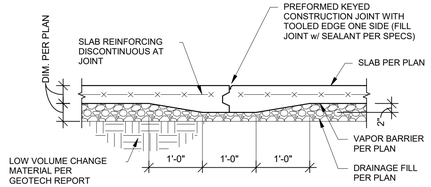
SHEARWALL & BEARING WALL PLAN

S2.42



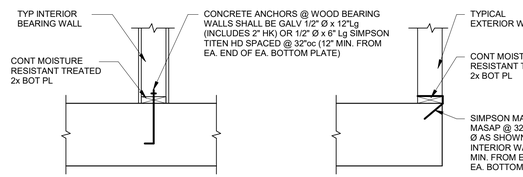
TYPICAL SAW JOINT
NOTED "SJ" ON PLAN

1 SECTION
3/4" = 1'-0"



TYPICAL CONSTRUCTION JOINT
NOTED "CJ" ON PLAN

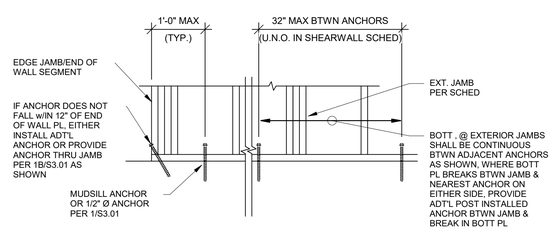
2 SECTION
3/4" = 1'-0"



NOTES:
1. ALL BOTT PL'S TO HAVE TWO ANCHORS MIN.
2. RE: SHEARWALL SCHED ON S0.03 FOR ANCHORS @ SHEARWALLS.
3. RE: 4A/S3.00 FOR DETAIL AT JAMB.
4. RE: 4B/S3.00 FOR DETAIL AT SHORT BOTT , SEGMENTS/JAMBS (WHERE OCCURS).

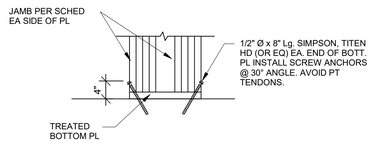
TYPICAL BOTT. PL CONNECTION TO CONCRETE

3 SECTION
3/4" = 1'-0"



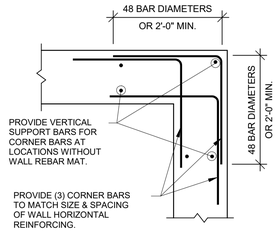
TYPICAL BOTT. PL CONNECTION TO CONCRETE AT EXTERIOR JAMBS & ENDS OF WALL

4A SECTION
3/4" = 1'-0"

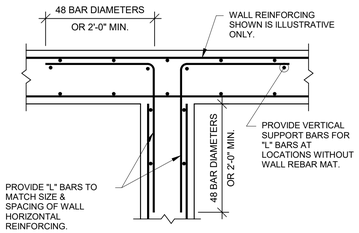


TYPICAL BOTT. PL CONNECTION TO CONCRETE AT SHORT PL SEGMENTS & JAMBS

4B SECTION
3/4" = 1'-0"

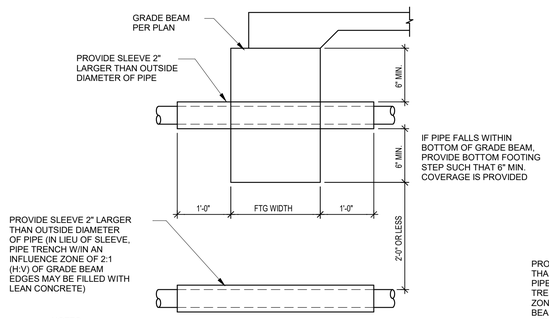


TYPICAL CORNER BARS AT CONCRETE WALLS & FOUNDATIONS



TYPICAL T-INTERSECTION REINFORCING AT CONCRETE WALLS & FOUNDATIONS

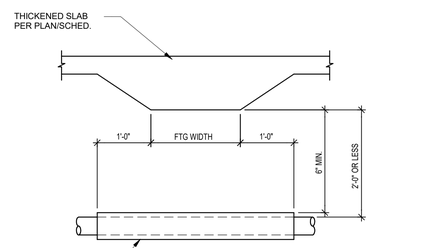
5 TYPICAL INTERSECTING CONCRETE REINFORCING
3/4" = 1'-0"



NOTES:
1. IF PIPE IS MORE THAN 2'-0" BELOW BOTTOM OF GRADE BEAM, SLEEVE IS NOT REQUIRED
2. PIPES SHALL NOT CROSS BELOW OR THROUGH A SPREAD FOOTING.

TYPICAL GRADE BEAM SLEEVE

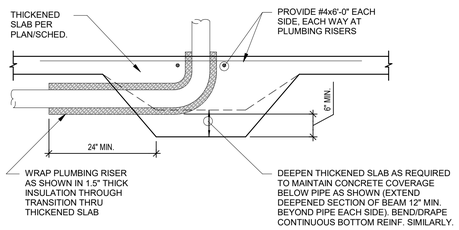
6 SECTION
3/4" = 1'-0"



NOTE:
1. IF PIPE IS MORE THAN 2'-0" BELOW BOTTOM OF FOOTING, SLEEVE IS NOT REQUIRED

TYPICAL PLUMBING SLEEVE AT THICKENED SLAB

6A SECTION
3/4" = 1'-0"



TYPICAL PLUMBING RISER THRU THICKENED SLAB

6B SECTION
3/4" = 1'-0"

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NUMBER PE-2011013493
6-14-24
REGISTERED PROFESSIONAL ENGINEER

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CHECKED BY:	CAB
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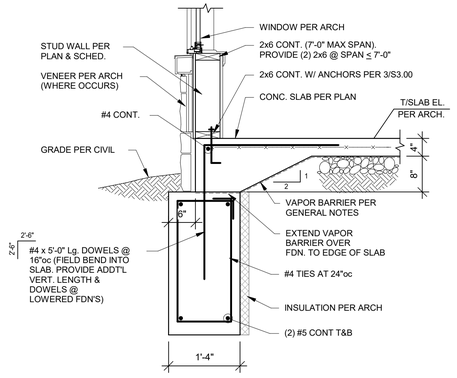
FOUNDATION SECTIONS

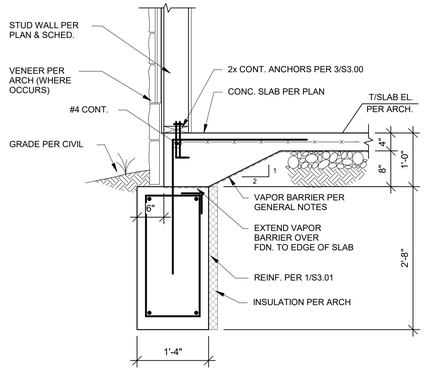
S3.00



TYPICAL @ EXTERIOR WINDOWS

1 SECTION

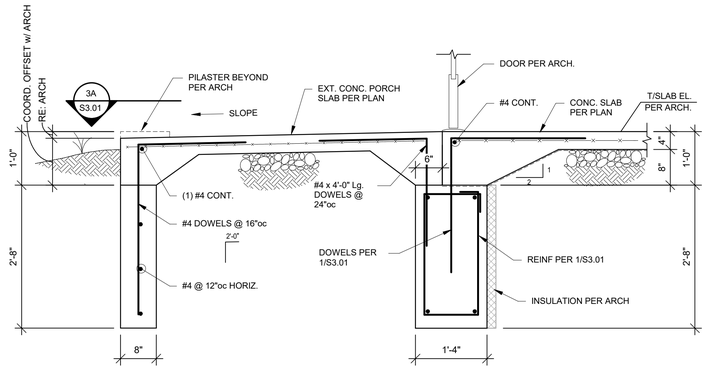
3/4" = 1'-0"



TYPICAL @ EXTERIOR WALLS

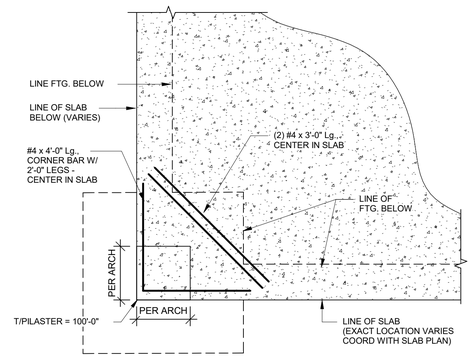
2 SECTION

3/4" = 1'-0"



3 SECTION

3/4" = 1'-0"

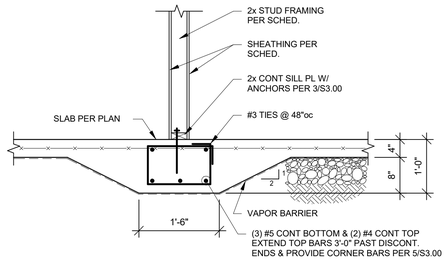


TYPICAL PILASTER FRAMING @ PORCH

(CORNER PILASTER SHOWN)

3A SECTION

3/4" = 1'-0"



INTERIOR BRG. WALL FTG @ SINGLE WALLS

4 SECTION

3/4" = 1'-0"

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STATE OF MISSOURI
CHRISTOPHER A. BEVERLIN
NUMBER PE-2012012593
6.14.24

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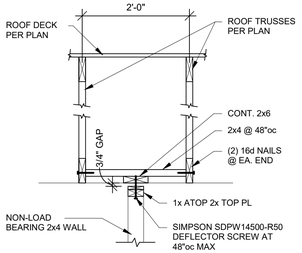
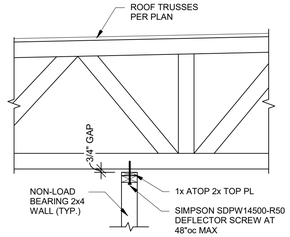


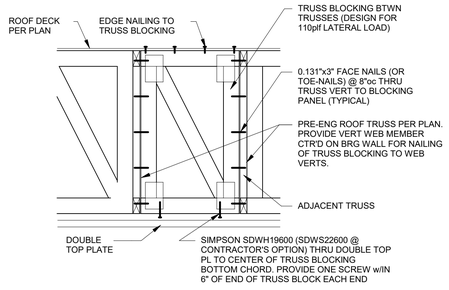
TYPICAL NON-LOAD BEARING WALL/TRUSS AT ROOF

1 SECTION
3/4" = 1'-0"



TYPICAL NON-LOAD BEARING WALL/TRUSS AT ROOF

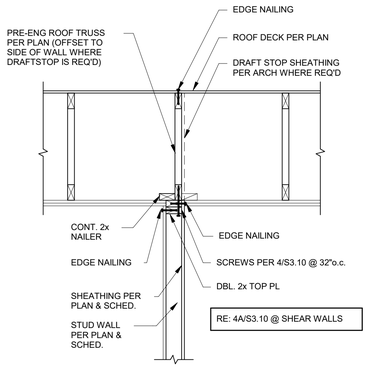
1A SECTION
3/4" = 1'-0"



NOTES:
1. PROVIDE TRUSS BLOCKING @ ROOF LEVEL ATOP ALL SHEARWALLS WHEN A CONTINUOUS SHEAR/GIRDER TRUSS IS NOT USED.
2. TRUSS BLOCK MAY CONSIST OF A FRAMED WOOD STRUCTURAL PANEL OR PREFAB TRUSS BLOCK.
3. TRUSS MANUFACTURER TO DESIGN PREFAB TRUSS BLOCK.

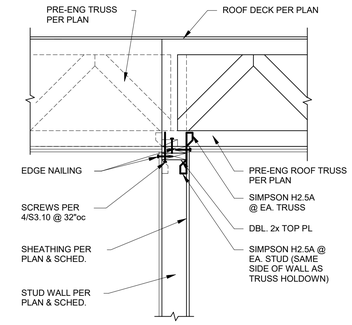
TYPICAL ROOF TRUSS BLOCKING AT SHEARWALLS

2 SECTION
3/4" = 1'-0"



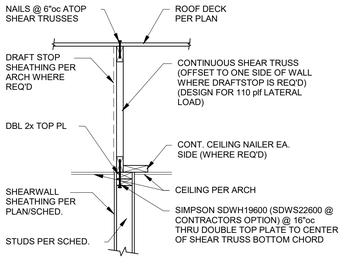
TYP. ROOF TRUSS PARALLEL W/ WALL

3 SECTION
3/4" = 1'-0"



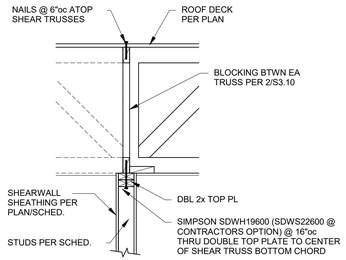
TYP. ROOF TRUSS PERPENDICULAR W/ WALL

3A SECTION
3/4" = 1'-0"



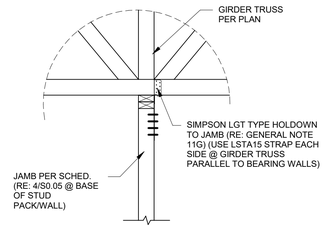
TYPICAL LATERAL TRUSS ATOP PARALLEL SHEARWALL

4 SECTION
3/4" = 1'-0"



TYPICAL LATERAL TRUSS ATOP PERPENDICULAR SHEARWALL

4A SECTION
3/4" = 1'-0"



TYPICAL DETAIL AT ROOF GIRDER TRUSS BEARING

5 SECTION
3/4" = 1'-0"

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6.14.24
PROFESSIONAL ENGINEER

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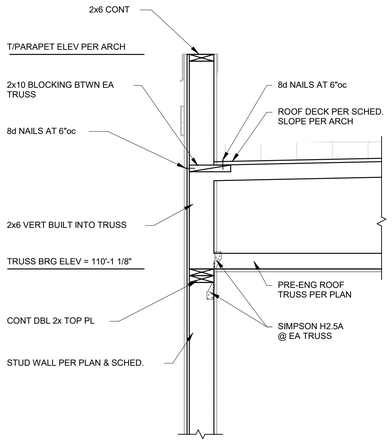
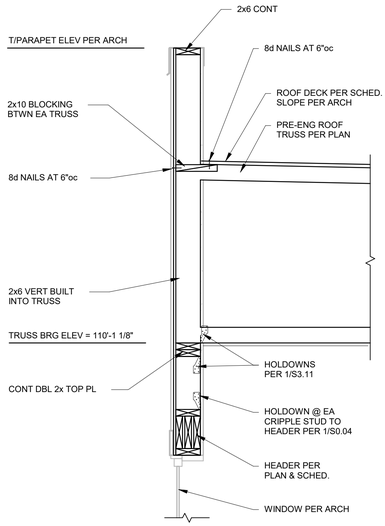
FRAMING SECTIONS

S3.10



1 SECTION
3/4" = 1'-0"



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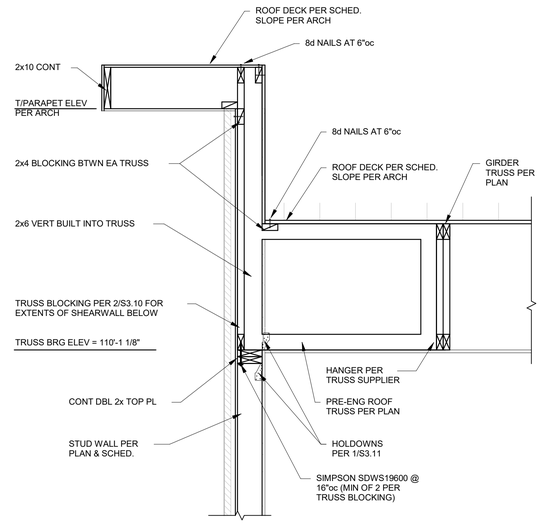

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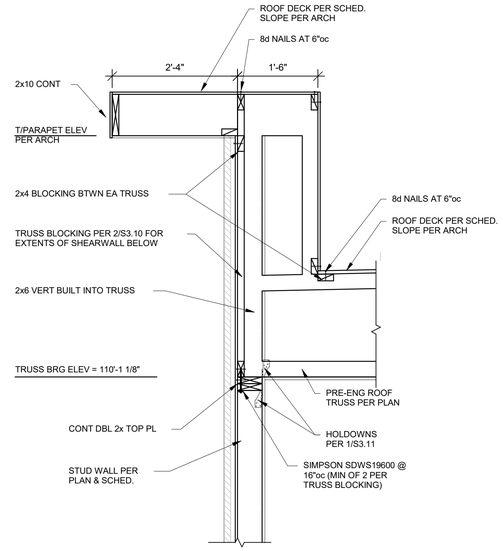

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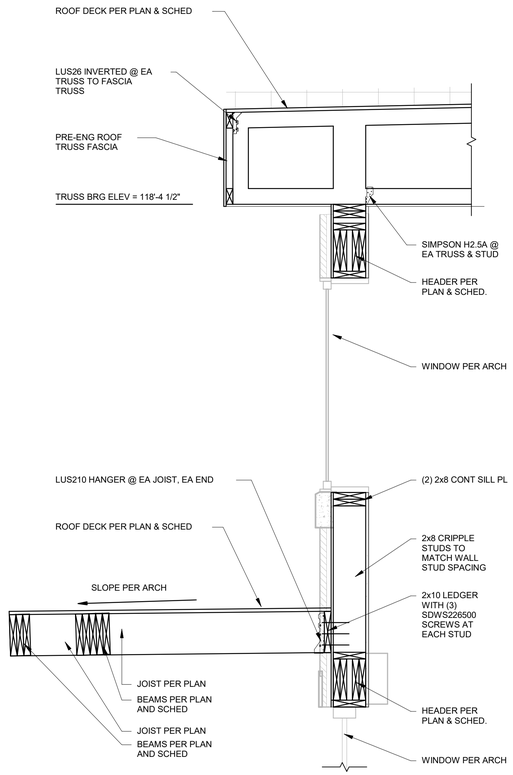

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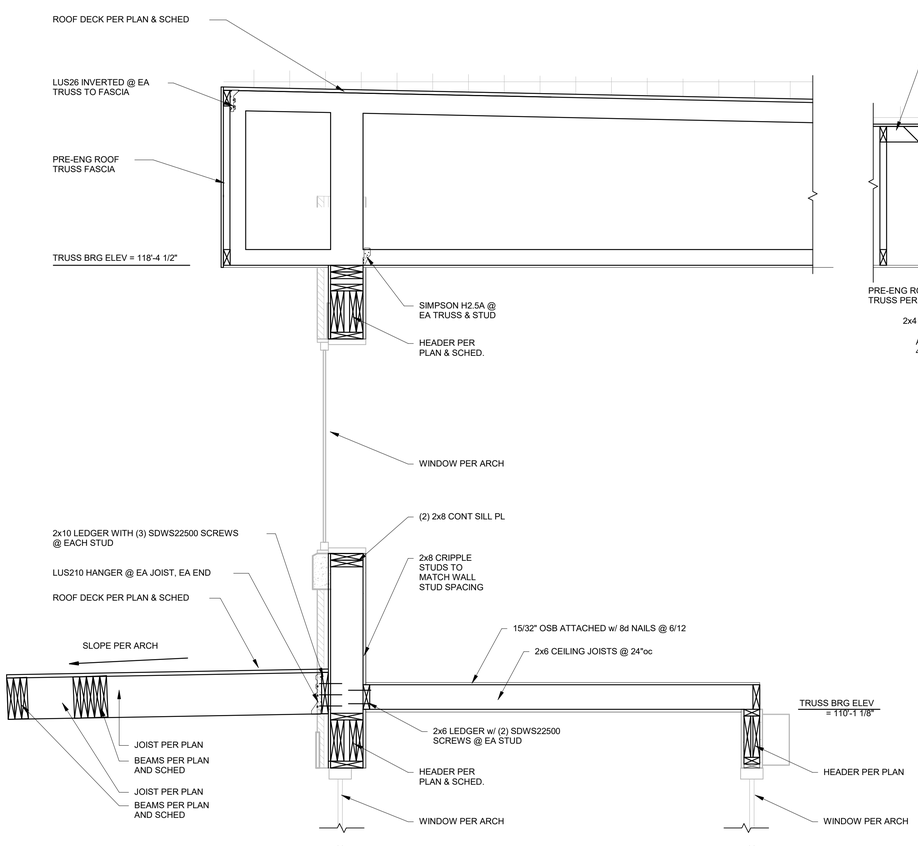

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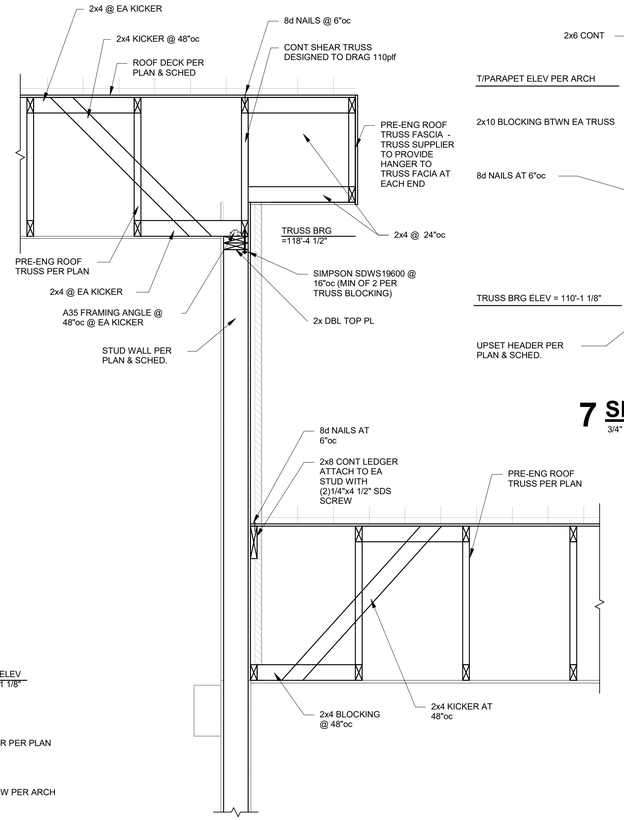

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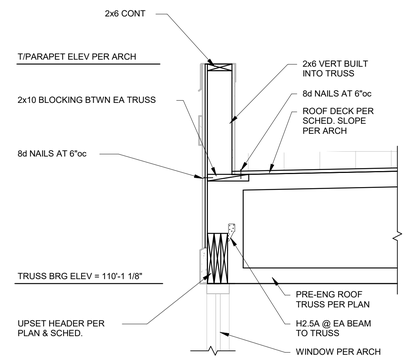

7 SECTION
3/4" = 1'-0"

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EVREN APARTMENTS
NEW CONSTRUCTION

EVREN APARTMENT CLUBHOUSE
LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
CHRISTOPHER A. BEVERLIN
NUMBER PE-2017012503
6.14.24
PROFESSIONAL ENGINEER

MD PROJECT #:	21097
DRAWN BY:	JLF
CHECKED BY:	CAB

PRELIMINARY PRICING SET
PERMIT SET 06/14/2024

#	DATE	REVISION SCHEDULE DESCRIPTION
	- -	

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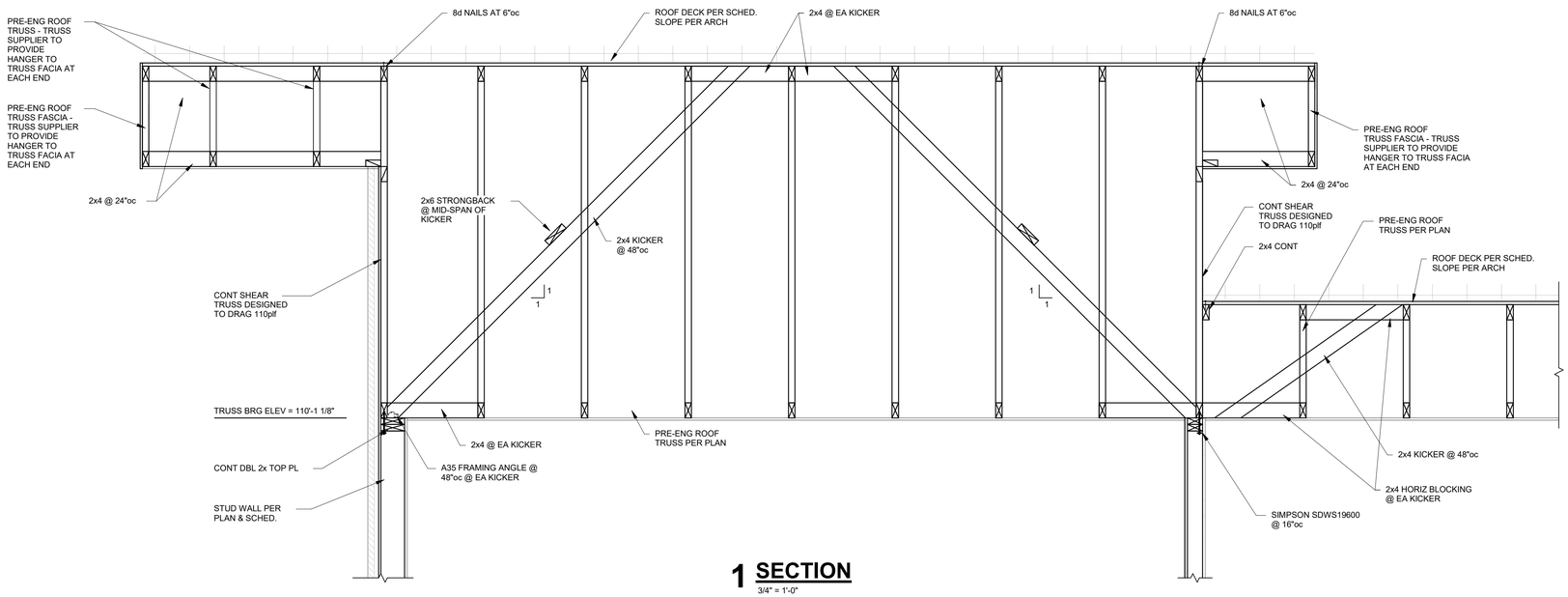
FRAMING SECTIONS

S3.11



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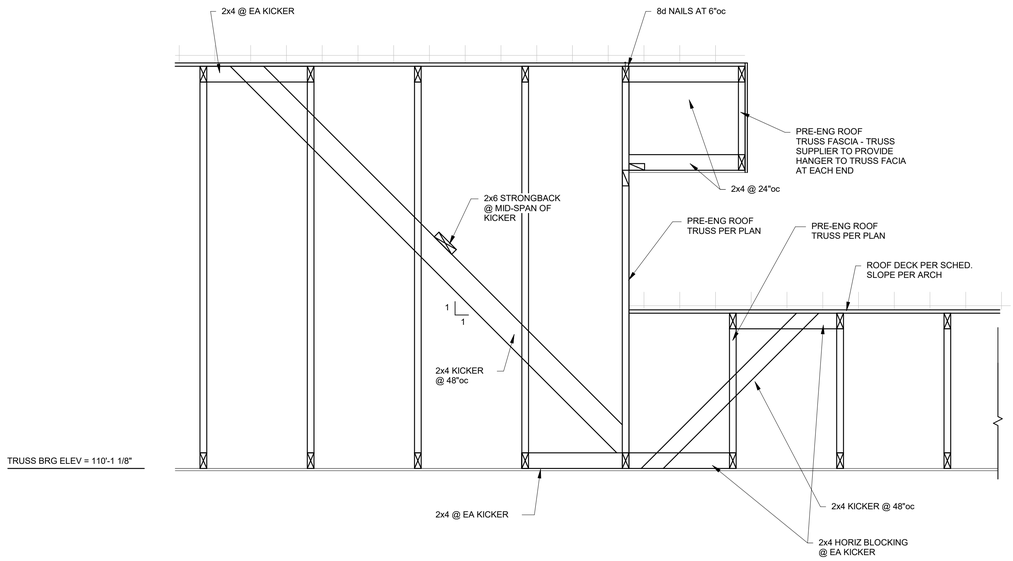

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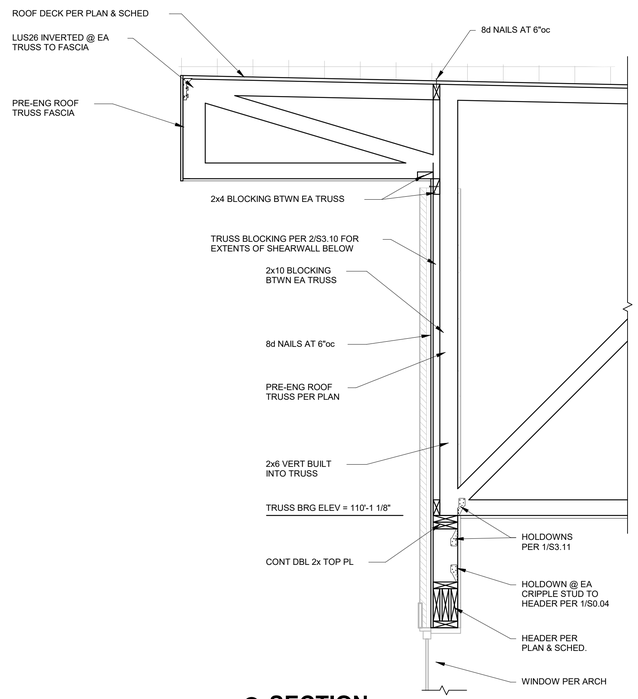

3 SECTION
3/4" = 1'-0"

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LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
CHRISTOPHER A. BEVERLIN
NUMBER PE-2017012523
6.14.24

MD PROJECT #:	21097
DRAWN BY:	JLF
CHECKED BY:	CAB
PRELIMINARY PRICING SET	
PERMIT SET	06/14/2024

#	DATE	REVISION SCHEDULE DESCRIPTION
	-	-

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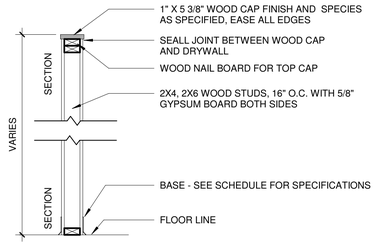
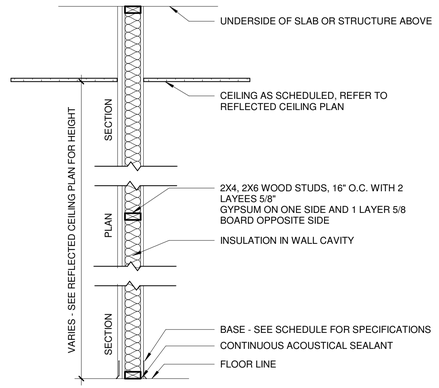
FRAMING SECTIONS

S3.12



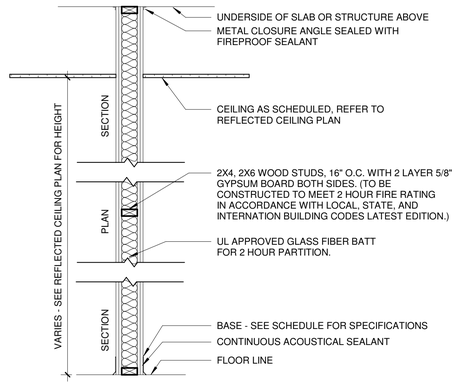
W4/6.40 PARTIAL HEIGHT WALL (TYP)

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



W4/6.11A PARTITION TO DECK (INSULATED)

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



W4/6.12F2 2 HOUR FIRE PARTITION (INSULATED)

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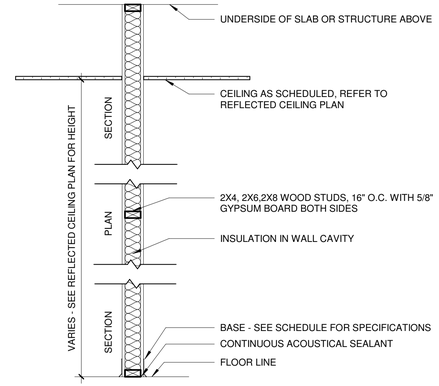

W4/6/8.11 PARTITION TO DECK (INSULATED)

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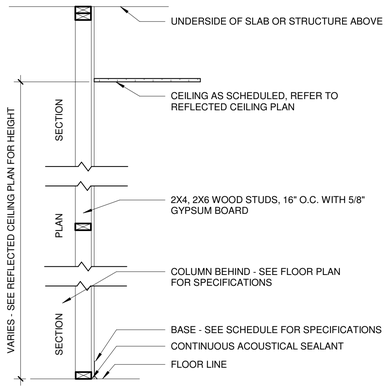
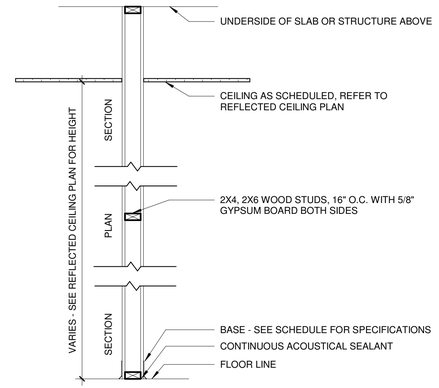


W4/6.14 COLUMN WRAP TO DECK (UNINSULATED)

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



W4/6.10 PARTITION TO DECK (UNINSULATED)

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

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NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
ARCHITECT

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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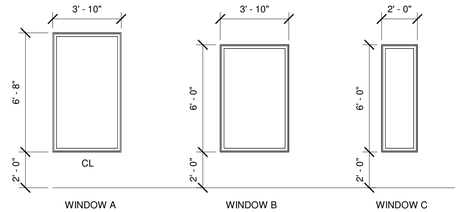
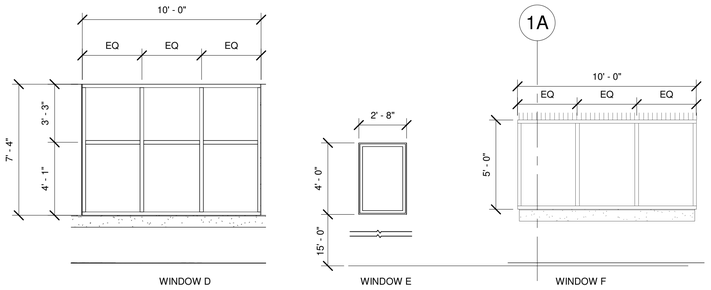
WALL TYPES

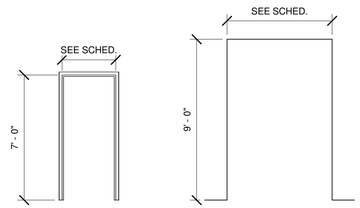
CH-A000

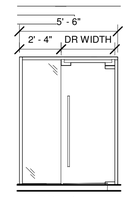
WINDOW ELEVATIONS

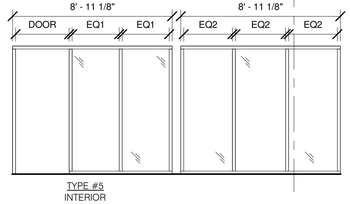


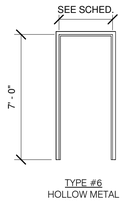


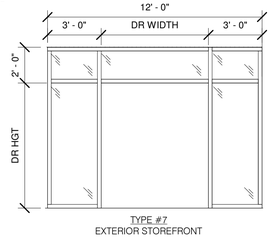
FRAME TYPES

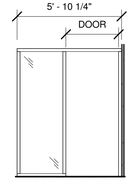


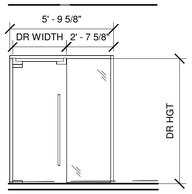


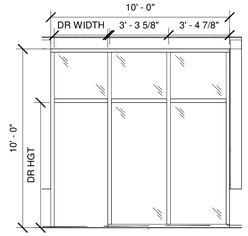






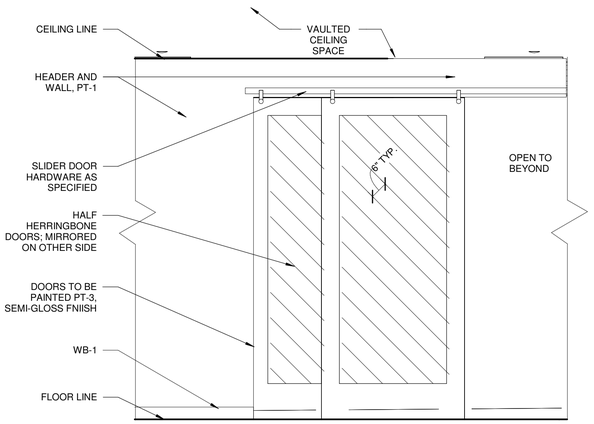






DOOR SCHEDULE

	SIZE			DOOR			FRAME			HARDWARE		
	WIDE	HGT	THICK	TYPE	FINISH	RTG	TYPE	FINISH	RTG	TYPE	FINISH	REMARKS
101A	6' - 0"	7' - 0"	1 3/4"	6	TBD	N/A	7	TBD	N/A	8	US32D	(2) 3'-0" PAIR DOORS
101B	6' - 0"	7' - 0"	1 3/4"	6	PT-3/GLASS	N/A	7	TBD	N/A	3	US32D	(2) 3'-0" PAIR DOORS
103	3' - 0"	7' - 0"	1 3/4"	2	ST-1/GLASS	N/A	1	PT-2	N/A	2	MB	
104	3' - 0"	7' - 0"	1 3/4"	1	ST-1	N/A	1	PT-2	N/A	1	MB	
105	3' - 0"	7' - 0"	1 3/4"	5	P-2	N/A	6	PT-2	N/A	6	MB	
106	3' - 0"	7' - 0"	1 3/4"	2	ST-1/GLASS	N/A	1	P-2	N/A	2	MB	
107	3' - 0"	7' - 0"	1 3/4"	2	ST-1/GLASS	N/A	1	P-2	N/A	2	MB	
108	3' - 0"	7' - 0"	1 3/4"	1	ST-1	N/A	1	P-2	N/A	1	MB	
109	3' - 0"	7' - 0"	1 3/4"	1	ST-1	N/A	1	P-2	N/A	4	MB	
110	6' - 0"	7' - 0"	1 3/4"	6	TBD	N/A	7	--	N/A	8	US32D	(2) 3'-0" PAIR DOORS
112A	3' - 0"	7' - 0"	1 3/4"	2	ST-1/GLASS	N/A	5	TBD	N/A	3	MB	
113	6' - 0"	7' - 0"	1 3/4"	5	PT-1	N/A	6	TBD	N/A	10	US32	INSULATED DOOR/FRAME
114A	3' - 0"	7' - 0"	1 3/4"	2	ST-1/GLASS	N/A	1	P-2	N/A	3	MB	
114B	3' - 0"	7' - 0"	1 3/4"	7	TBD	N/A	6	TBD	N/A	9	US32D	FOB ENTRY; INSULATED DOOR/FRAME
116	3' - 0"	7' - 0"	1 3/4"	1	ST-1	N/A	1	P-2	N/A	3	MB	
117	3' - 0"	7' - 0"	1 3/4"	1	ST-1	N/A	1	P-2	N/A	3	MB	
119	3' - 0"	7' - 0"	1 3/4"	7	TBD	N/A	6	TBD	N/A	11	US32D	FOB ENTRY; INSULATED DOOR/FRAME
121	3' - 0"	7' - 0"	1 3/4"	1	ST-1	N/A	1	P-2	N/A	2	MB	
124	3' - 0"	7' - 0"	1 3/4"	6	TBD	N/A	10	TBD	N/A	8	US32	
125	2' - 10"	8' - 10 7/8"		3	GLASS				NR	3	MB	
127	3' - 0"	7' - 0"	1 3/4"	1	ST-1	N/A	1	P-2	N/A	6	MB	
128	3' - 0"	7' - 0"		2	ST-1/GLASS		1	PT-2	N/A	3	MB	
129	3' - 0"	7' - 0"		3	GLASS		9	--	N/A	3	MB	
130	3' - 0"	7' - 0"		3	GLASS		4	--	N/A	3	MB	
131A	3' - 0"	7' - 0"	1 3/4"	7	TBD	N/A	6	TBD	N/A	9	US32D	FOB ENTRY; INSULATED DOOR/FRAME
131B	3' - 0"	7' - 0"	1 3/4"	2	ST-1/GLASS	N/A	1	PT-2	N/A	3	MB	
132	2' - 6"	7' - 0"	1 3/4"	5	ST-1	N/A	6	P-2	N/A	6	MB	
133	3' - 0"	7' - 0"	1 3/4"	2	ST-1/GLASS	N/A	8	TBD	N/A	3	MB	
136	3' - 0"	7' - 0"	1 3/4"	2	ST-1/GLASS	N/A	1	PT-2	N/A	13	MB	LUXER ONE LOCKING SYSTEM NEEDED, PROVIDE REQUIRED POWER NEEDS, COORDINATE WITH OWNER



1 ENLARGED SLIDER DOOR

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

NOTES AND SPECIFICATIONS

GENERAL NOTES:

1. DOOR, FRAME, HARDWARE, AND WINDOW MANUFACTURERS SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.
2. DO NOT SCALE DRAWINGS.
3. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK AND ADVISE THE OWNER'S REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES.
4. REFER TO G051 FOR ARCHITECTURAL ABBREVIATIONS AS NEEDED.

DOOR TYPE:

1. WOOD DOORS TO BE: SPEC. MASONITE ARCHITECTURAL GRAHAM MAIMAN SERIES OR SIMILAR, STAIN TO MATCH ST-1
2. HOLLOW METAL DOORS TO BE ALUMINUM AND PAINTED PT-2
3. STOREFRONT GLASS DOORS TO BE 3/8" TEMPERED GLASS

FRAME TYPE:

1. WOOD TYPE FRAME BE: 4" FLAT STOCK PAINT GRADE WOOD TRIM, PAINTED P-2
2. HOLLOW METAL DOOR FRAME TO BE: TIMELY 2" HOLLOW METAL DOOR FRAME, PAINTED P-2

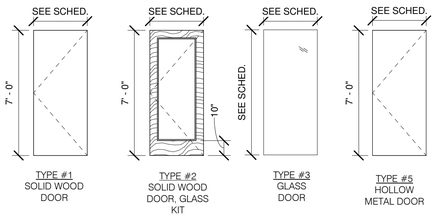
HARDWARE TYPE:

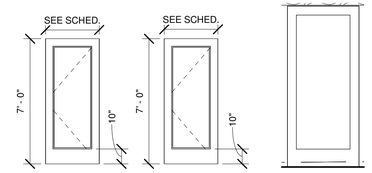
1. HARDWARE SUPPLIER SHALL PROVIDE ALL HARDWARE ITEMS REQUIRED TO MAKE A COMPLETE AND FINISHED JOB INCLUDING HINGES, STOPS, LOCK SETS, LATCH SETS, COORDINATORS, PANIC DEVICES, HOLD OPENS, SMOKE GASKETS, WEATHERSTRIPPING, AND SILENCERS WHETHER SPECIFICALLY INDICATED ON HARDWARE LEGEND OR NOT.
2. WOOD AND METAL DOOR HARDWARE FINISH TO BE: BALDWIN SQUARE PASSAGE DOOR LEVER SET WITH SQUARE ROSETTE, MODEL #: PSSQUCSR190 IN BLACK; ANSI/BHMA GRADE 2 REQUIREMENTS OR EQUAL
3. STOREFRONT DOOR HARDWARE TO BE EMTEK SQUARE 72" LONG DOOR PULL IN BLACK, MODEL #86188 OR QEQUAL

GLASS TYPE:

1. GL-1: 1" INSULATED GLASS (EXTERIOR)
2. GL-2: 3/8" INTERIOR TEMPERED (TYP.)

DOOR TYPES





HARDWARE LEGEND

#1 PASSAGE LATCH

1 LEVER HANDLE
PASSAGE LATCH SET
1 WALL STOP
3 SILENCERS

#2 ENTRY/EXIT OR OFFICE LOCKSET

1 LEVER HANDLE
OFFICE LOCKSET
1 WALL STOP
3 SILENCERS

#3 PUSH / PULL

1 PUSH PULL SET
1 CLOSER W/
OVERHEAD STOP
1 KICK PLATE
3 SILENCERS

*3A: NO KICK PLATE

#4 PRIVACY LOCKSET

1 LEVER HANDLE
PRIVACY LOCKSET
1 CLOSER
1 DOOR STOP
3 SILENCERS

#5 SLIDING DOOR LOCKET (EA LEAF)

-BYPASS SYSTEM
-HANGER STYLE: GARRICK
-HARWARE FINISH: BLAC
-TRACK STYLE: FLAT TRACK (18' L)
-STANDARD STOP
-FLOOR GUIDE
-KIT FINISH: FLAT BLACK (8' H)
-FRONT HANDLE: BLACK (22" L)
-BACK HANDLE: MODERN FLUSH BLACK
1 THUMB TURN LOCK AND DUSTPROOF STRIKE (SN FINISH)
REFER TO RUSTICAHARDWARE.COM

#6 STORAGE

1 STORAGE LEVER
LOCK SET
1 CLOSER W/
OVERHEAD STOP
3 SILENCERS
1 KICK PLATE

#7 GARAGE DOOR

MOTORIZED OPERATOR PROVIDED BY MANUFACTURER. POWER AND ACCESS CONTROL BY ELECTRICAL ENGINEER AND T-COM CONTRACTOR.

#8 EXIT LOCKSET (PAIR)

1 LEVER HANDLE W/ PANIC LOCKSET
1 ELECTRIC STRIKE WITH KEEPER (FAIL SAFE)
1 CLOSER W/ OVERHEAD STOP
1 BUMPER STYLE THRESHOLD
1 WEATHERSTRIPPING
1 BRUSH SWEEP
1 POWER SUPPLY

#9 EXIT LOCKSET (SINGLE)

1 LEVER HANDLE W/ PANIC
PANIC LOCKSET
1 ELECTRIC STRIKE WITH
KEEPER (FAIL SAFE)
1 CLOSER W/ OVERHEAD
STOP
1 BUMPER STYLE THRESHOLD
1 WEATHERSTRIPPING
1 BRUSH SWEEP
1 POWER SUPPLY
1 FOB READER

#10 STORAGE

2 STORAGE LEVER
LOCK SET
2 CLOSER W/
OVERHEAD STOP
1 ASTRAGAL
2 KICK PLATE
1 BUMPER STYLE
THRESHOLD
2 BRUSH SWEEPS
2 WEATHERSTRIPPING

#11 PASSAGE LATCH

1 LEVER HANDLE
PASSAGE LATCH SET (ELEC.)
1 CLOSER
1 WALL STOP
1 KICK PLATE
1 BUMPER STYLE
THRESHOLD
1 BRUSH SWEEP
1 WEATHERSTRIPPING
1 POWER SUPPLY
1 FOB READER

#12 SLIDING DOOR

1 BAR PULL HANDLE
1 FLOOR GLIDE
1 DUSTPROOF STRIKE

NOTE: PROVIDE SUBMITALS TO DESIGNER FOR APPROVAL

#13 LUXER ONE HARDWARE

LUXER ONE PACKAGE ROOM SPECIALTY HARDWARE, COORDINATE WITH OWNER ON EXACT SPECIFICATIONS

MITSCH DESIGN
200 S. Rangeline Rd. | Suite 226
Carmel, Indiana 46032
317.573.2222
www.mitschdesign.com

CITYSCAPE RESIDENTIAL

EVREN APARTMENTS
NEW CONSTRUCTION
EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI
PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
ARCHITECT

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

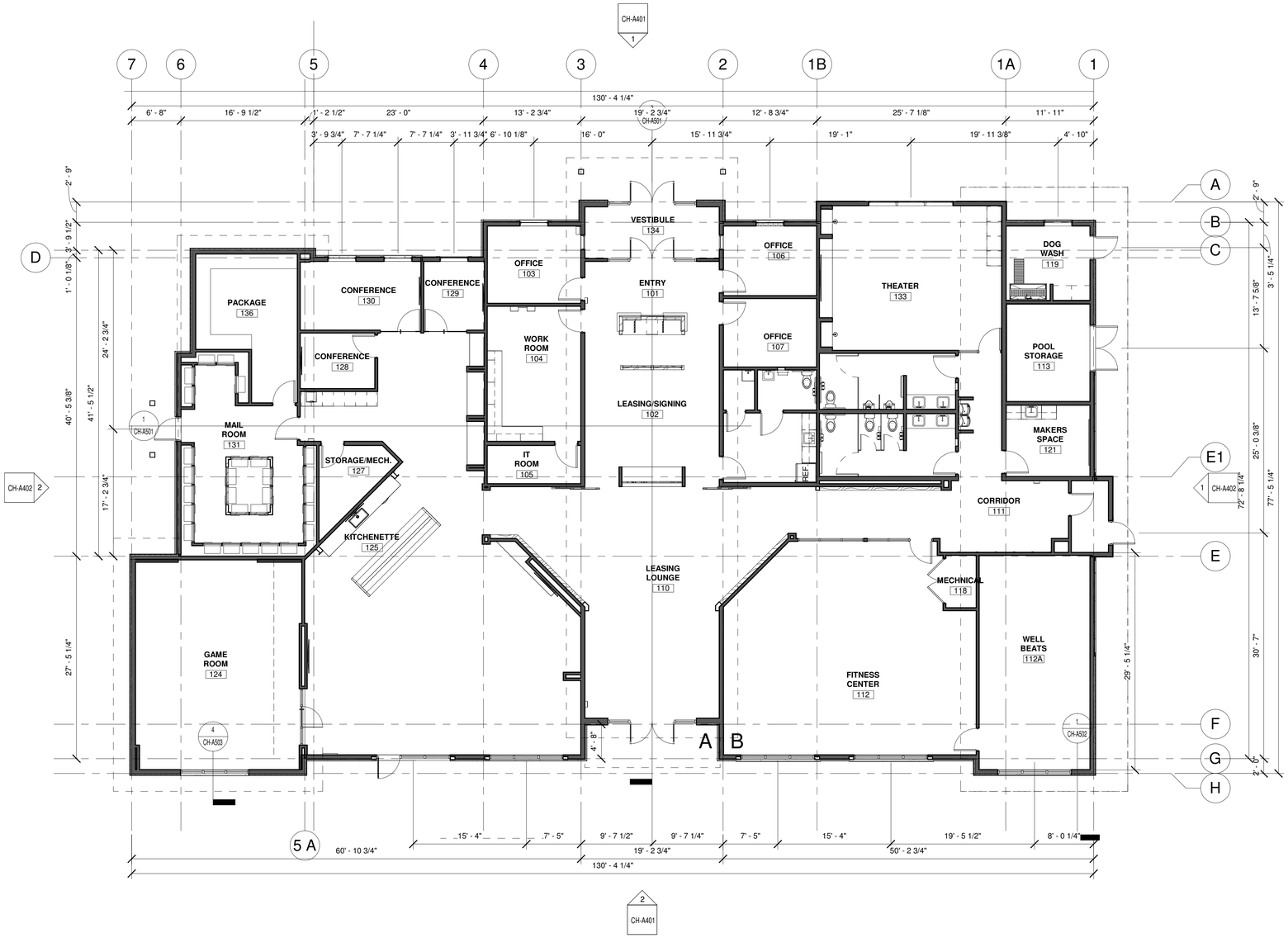
REVISION SCHEDULE

#	DATE	DESCRIPTION

ALL IDEAS, DESIGNS AND PLANS (ORIGINAL WORKS OF AUTHORSHIP FIXED IN A TANGIBLE MEDIUM OF EXPRESSION) INDICATED OR PRESENTED BY THESE DRAWINGS AND DOCUMENTS ARE OWNED BY, AND ARE THE PROPERTY OF MITSCH DESIGN. ALL RIGHTS RESERVED, EXCEPT FOR USES EXPRESSLY PERMITTED IN WRITING.

DOOR & WINDOW SCHEDULES

CH-A001



1 CONSTRUCTION PLAN -OVERALL

SCALE: 1/8" = 1'-0"

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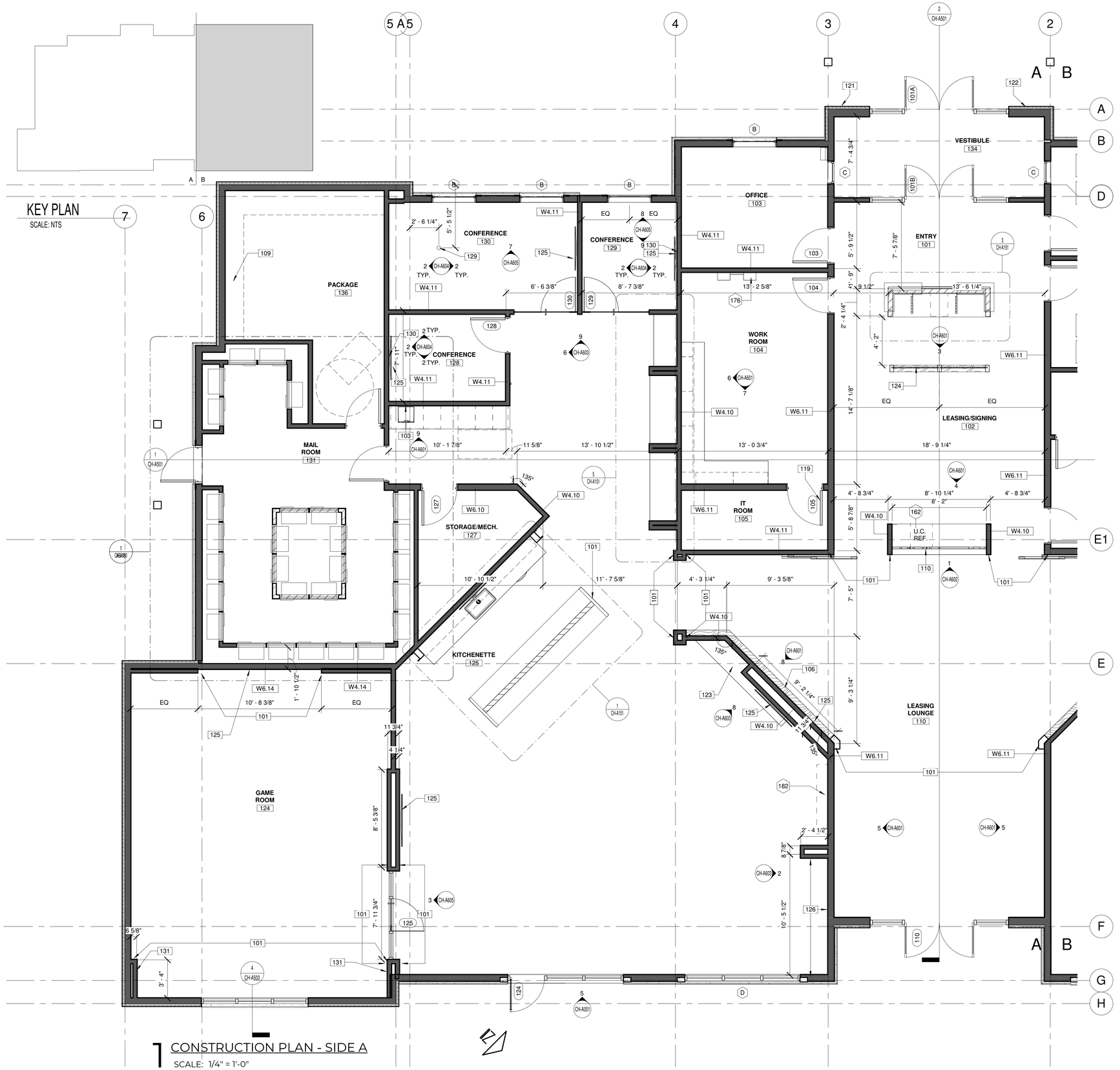
CONSTRUCTION PLAN - OVERALL

CH-A101

KEY PLAN
SCALE: NTS



1 CONSTRUCTION PLAN - SIDE A
SCALE: 1/4" = 1'-0"

CONSTRUCTION PLAN LEGEND

- NOT IN CONTRACT, IF APPLICABLE
- PARTIAL HEIGHT WALL
- NEW CONSTRUCTION ITEM
- XXXX — WALL TYPE
- X — WINDOW TYPE

GENERAL CONSTRUCTION NOTES

A. REFER TO SHEET CH-A000 WALL TYPES AND CH-A001 FOR DOOR AND WINDOW TYPES.
B. PROVIDE BLOCKING IN WALLS TO ACCOMMODATE ALL CASEWORK AND WALL MOUNTED EQUIPMENT. REFER TO ELECTRICAL LOCATION PLANS FOR MORE INFORMATION.
C. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS, INCLUDING, BUT NOT LIMITED TO: THE AMERICANS WITH DISABILITIES ACT (ADA), INTERNATIONAL BUILDING CODE, AND APPLICABLE TRADE STANDARDS. ALL APPLICABLE RULES AND REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
D. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND DIMENSIONS PRIOR TO THE START OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT/DESIGNER IMMEDIATELY.
E. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL STATE AND LOCAL PERMITS REQUIRED FOR COMPLETION OF THIS PROJECT.
F. ALL WORK IS TO BE COORDINATED BY THE GENERAL CONTRACTOR TO ASSURE ADEQUATE FIT, FINISH, SYSTEM OPERATION, AND FULL COMPLETION OF THE WORK, INCLUDING SERVICE REQUIREMENTS OF THE OWNERS F.F.E.
G. ALL DIMENSIONS ARE SHOWN ON THE DRAWINGS. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED WITH THE ARCHITECT/DESIGNER. DO NOT SCALE DIMENSIONS ON THE DRAWINGS. ALL DIMENSIONS ARE TO THE FACE OF NEW STUD, MASONRY/CONCRETE WALLS, CENTERLINE OF COLUMNS/WINDOWS, OR FINISH FACE OF EXISTING WALL UNLESS NOTED OTHERWISE.
H. CONTRACTOR IS TO SIGN EACH SHOP DRAWING SUBMITTAL AFTER IT HAS BEEN REVIEWED, APPROVED, AND THE CONTRACTOR COORDINATION HAS BEEN PERFORMED.
I. FINISHED DOOR OPENINGS IN NEW PARTITIONS SHALL BE SET 4" FROM ADJACENT PERPENDICULAR PARTITIONS, UNLESS OTHERWISE NOTED.
J. ALL FINISH CARPENTRY IS TO BE COMPLETED IN STRICT ACCORDANCE WITH A.W.I. STANDARDS, PREMIUM GRADE.
K. ALL FIRE EXTINGUISHER CABINET LOCATIONS ARE TO BE COORDINATED WITH THE CONTRACTOR, DESIGNER AND THE LOCAL FIRE OFFICIALS PRIOR TO INSTALLATION.
L. CONTRACTOR(S) SHALL PROVIDE ALL NECESSARY LABOR, MATERIALS, AND EQUIPMENT FOR THE WORK IN THESE DOCUMENTS, UNLESS CLEARLY NOTED "NOT IN CONTRACT" (N.I.C.).
M. ALL PLUMBING ITEMS AND/OR EQUIPMENT ITEMS ARE TO BE COORDINATED AND VERIFIED WITH INTERIOR ELEVATIONS PRIOR TO ROUGH-IN. ANY DISCREPANCIES SHALL BE COORDINATED WITH THE DESIGNER.
N. REFER TO CH-G052 FOR MOUNTING HEIGHTS ON ALL TOILET ACCESSORIES AND FIXTURES AS REQUIRED.
O. SUBMIT THE REQUIRED NUMBER OF SUBMITTALS FOR DESIGNER REVIEW AND APPROVAL PLUS ONE EXTRA COPY FOR DESIGNERS RECORDS.
P. CONTRACTOR TO INSTALL MAXIMUM OCCUPACY SING FOR THE CLUBHOUSE ASSEMBLY AREAS AND POOL/POOL DECK.

CONSTRUCTION PLAN KEYNOTES

101 ALIGN.
103 PROVIDE WATER LINE IN THIS LOCATION.
106 STAIN GRADE OAK PLYWOOD FRAMING FOR FUTURE GREEN WALL IN THIS LOCATION
109 (5) HIGH, 24" DEEP WHITE MELAMINE SHELVING FOR LUXER ONE PACKAGE SYSTEM. BTM SHELF TO START AT 2'10" AFF.
110 METAL SCREEN TO SIT ON COUNTERTOP AND BE FRAMED BY FLOATING CEILING BULKHEAD, USE MANUFACTURERS PROVIDED INSTALLATION INSTRUCTIONS, MS-1
119 SIGNAGE ON EXTERIOR DOOR TO STATE 'FIRE ALARM PANEL'
121 PROVIDE KNOX BOX NEAR ENTRANCE OF MAIN DOOR. VERIFY LOCATION WITH FIRE MARSHAL
122 PROVIDE BUILDING ADDRESS IN THIS AREA. NUMBERS SHALL BE 6" MINIMUM AND PLAINLY VISIBLE
123 FLOATING HEARTH, STAIN GRADE WHITE OAK PLYWOOD
124 METAL PANEL DIVIDING WALL, FRAMED IN STAIN GRADE WHITE OAK PLYWOOD. SEE ELEVATION FOR MORE INFORMATION
125 WALL MOUNTED EQUIPMENT IN THIS LOCATION, SEE ELEVATION FOR MOUNTING HEIGHTS AND DETAILS
126 INSTALL WALL BASE AFTER THE INSTALLATION OF THE BANQUETTE IN THIS LOCATION BY FURNITURE PROVIDER
129 PROVIDE PROVIDE HMDI TV CONNECTION CONDUIT GROM ELECT/DATA FLOOR CORE TO TV. REFER TO MEP FOR MORE INFORMATION.
130 PROVIDE HDMI CONDUIT FROM TV TO 34" AFF IN THIS LOCATION.
131 OUTLETS ON THIS WALL TO BE MOUNTED 24" AFF. REFER TO MEP FOR MORE INFORMATION.

EQUIPMENT KEYNOTES

162 ADA UNDERCOUNTER REFRIGERATOR TO BE: SUMMIT APPLIANCES, AL54, STAINLESS STEEL FINISH
176 KEY CONTROL SYSTEM, "HANDYTRAC", DOUBLE CABINET, MOUNT AT +48" AFF TO CARD READER OPERABLE PARTS. COORDINATE FINAL MOUNTING ELEVATION WITH OWNER.
182 REJUVENATION DOUBLE MODULAR SHELVING UNIT WITH STORAGE & 72" RAILS, OIL-RUBBED BRONZE WHITE OAK 9"-SHELF WITH DRAWERS

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PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2015000590
ARCHITECT
07/17/24

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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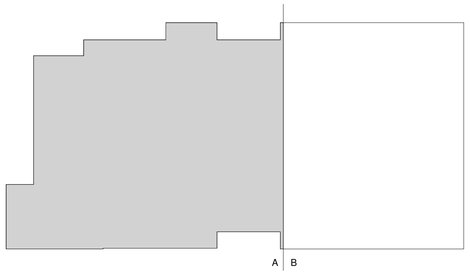
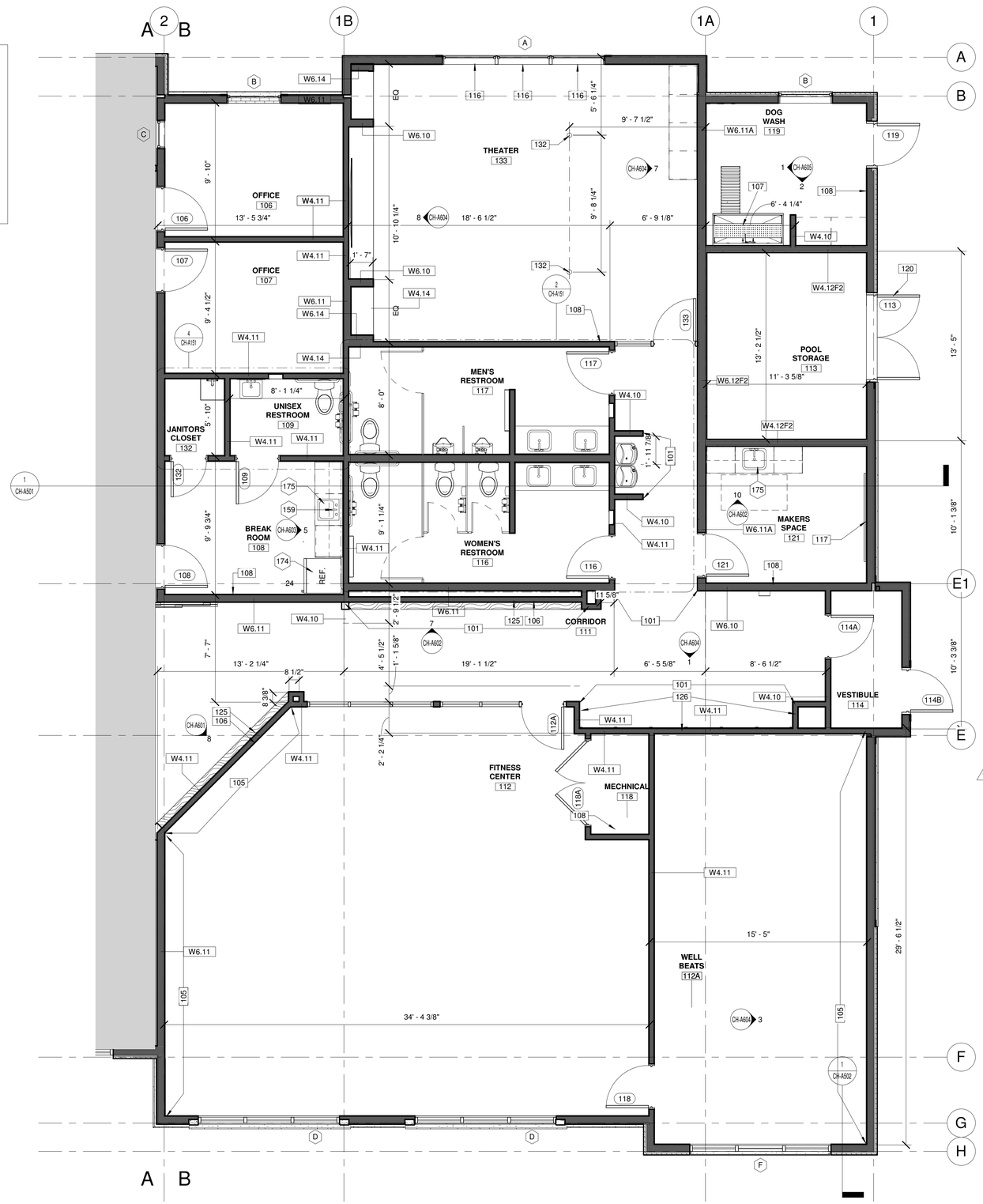
CONSTRUCTION PLAN -SIDE A

CH-A102



KEY PLAN

SCALE: NTS



1 CONSTRUCTION PLAN - SIDE B

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

CONSTRUCTION PLAN LEGEND

- NOT IN CONTRACT, IF APPLICABLE
- PARTIAL HEIGHT WALL
- NEW CONSTRUCTION ITEM
- XXXX — WALL TYPE
- X — WINDOW TYPE

GENERAL CONSTRUCTION NOTES

A. REFER TO SHEET CH-A000 WALL TYPES AND CH-A001 FOR DOOR AND WINDOW TYPES.
B. PROVIDE BLOCKING IN WALLS TO ACCOMMODATE ALL CASEWORK AND WALL MOUNTED EQUIPMENT. REFER TO ELECTRICAL LOCATION PLANS FOR MORE INFORMATION.
C. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS, INCLUDING, BUT NOT LIMITED TO: THE AMERICANS WITH DISABILITIES ACT (ADA), INTERNATIONAL BUILDING CODE, AND APPLICABLE TRADE STANDARDS. ALL APPLICABLE RULES AND REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
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K. ALL FIRE EXTINGUISHER CABINET LOCATIONS ARE TO BE COORDINATED WITH THE CONTRACTOR, DESIGNER AND THE LOCAL FIRE OFFICIALS PRIOR TO INSTALLATION.
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O. SUBMIT THE REQUIRED NUMBER OF SUBMITTALS FOR DESIGNER REVIEW AND APPROVAL PLUS ONE EXTRA COPY FOR DESIGNERS RECORDS.
P. CONTRACTOR TO INSTALL MAXIMUM OCCUPACY SING FOR THE CLUBHOUSE ASSEMBLY AREAS AND POOL/POOL DECK.

CONSTRUCTION PLAN KEYNOTES

101 ALIGN.
105 MIRRORS IN THIS LOCATION TO BE 7'-0" TALL; MOUNTED 1'-0" AFF; CUT EACH GLASS PANEL TO NO GREATER THAN 4'-0" WIDE; EACH PANEL TO BE EQUAL IN SIZE; TREAT EACH EXPOSED MIRROR EDGE WITH 1/2" METAL CHANNEL FRAME.
106 STAIN GRADE OAK PLYWOOD FRAMING FOR FUTURE GREEN WALL IN THIS LOCATION
107 DOG WASH TO BE: GROOMER'S BEST ADA WALK-THRU TUB 24" D X 58" W
108 INSTALL COAT HOOKS IN THIS LOCATION. SPEC: DESIGN HOUSE, DOUBLE HAT AND COAT HOOK 3", SATIN NICKEL, #202879 (ROOM 121 - QTY. 3, ROOM 112 - QTY. 6, ROOM 118 - QTY. 6, ROOM 109 - QTY. 1)
116 BOTTOM WINDOW IN THIS LOCATION TO RECEIVE ROLLER SHADE. HUNTER DOUGLAS, DESIGNER SERIES DUOLITE, AKRON, PASSIVE.
117 4'-0" X 6'-0" PEG BOARD MOUNTED TO WALL IN THIS LOCATION. FINISHES EDGES WITH TRIM, PAINTED PT-2 CENTERED ON WALL AND MOUNTED 4'-0" AFF. PROVIDE BLOCKING AS REQUIRED.
120 SIGNAGE ON EXTERIOR DOOR TO STATE 'POOL CHEMICAL STORAGE' IN ACCORDANCE TO NFPA 704. PROVIDE 704 PLACARD ON DOOR FACE.
125 WALL MOUNTED EQUIPMENT IN THIS LOCATION, SEE ELEVATION FOR MOUNTING HEIGHTS AND DETAILS
126 INSTALL WALL BASE AFTER THE INSTALLATION OF THE BANQUETTE IN THIS LOCATION BY FURNITURE PROVIDER
132 FLOOR CORE IN THIS LOCATION. REFER TO MEP FOR MORE INFORMATION.

EQUIPMENT KEYNOTES

159 BREAKROOM FAUCET TO BE: ELKAY ALLURE SINGLE HOLE KITCHEN FAUCET WITH LEVER HANDLE, LK7921SSS, STAINLESS STEEL FINISH
174 KITCHEN REFRIGERATOR TO BE: SUMMIT APPLIANCES, BKRF18SS, STAINLESS STEEL FINISH, HANDLE TO BE ON RIGHT SIDE OF REFRIGERATOR
175 KITCHEN SINK TO BE: KOHLER, VAULT 25" X 22" SINGLE BOWL, DUAL UNDERMOUNT KITCHEN SINK WITH SINGLE FAUCET HOLE, K-3894, STAINLESS STEEL FINISH

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EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI
PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
REGISTERED ARCHITECT

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	-
PERMIT SET	06/14/2024

#	DATE	REVISION SCHEDULE DESCRIPTION
1	01/14/2025	CITY RESPONSE

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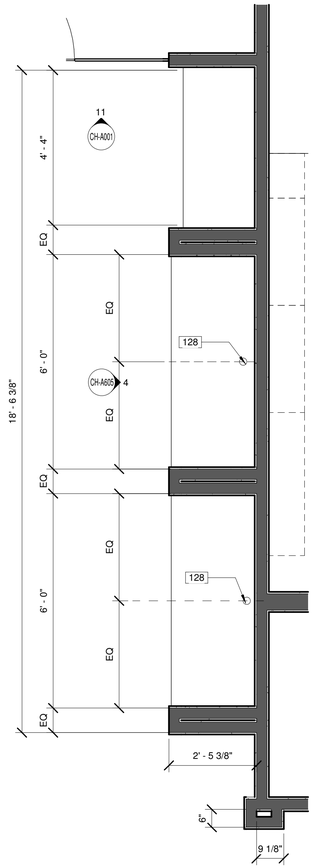
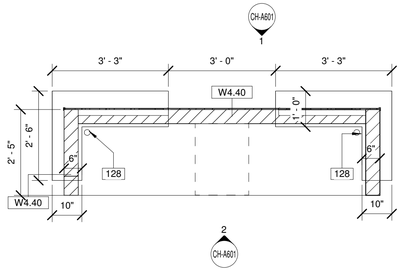
CONSTRUCTION PLAN-SIDE B

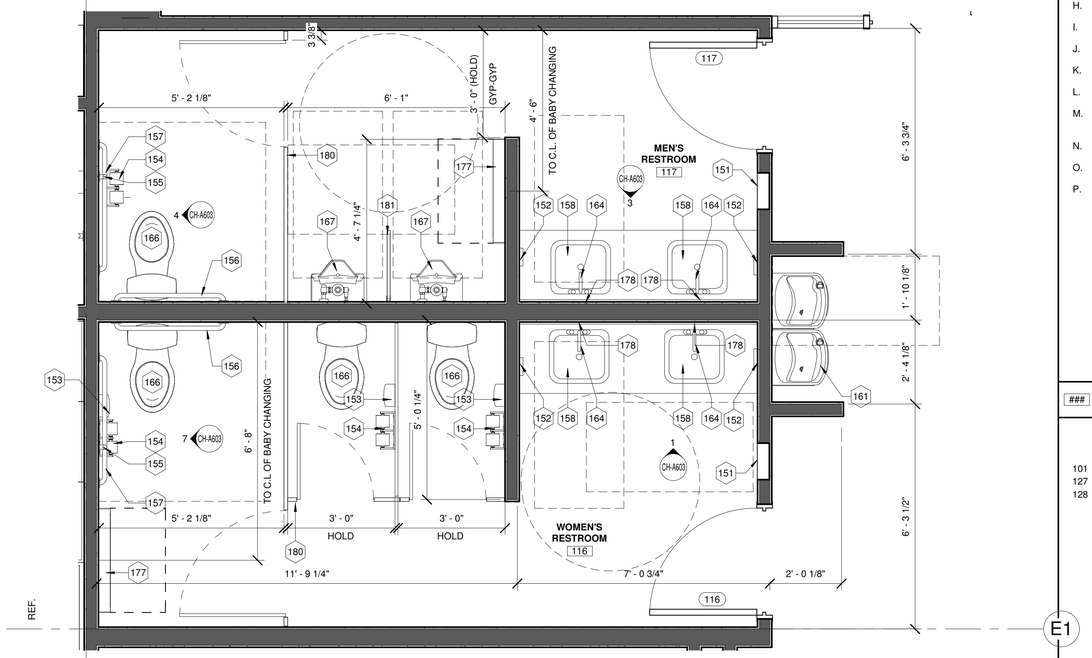
CH-A103



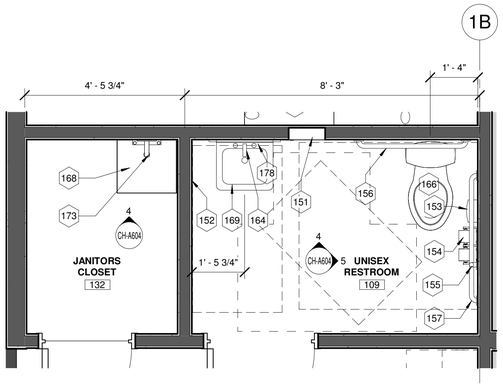
5 CYBER LOUNGE
SCALE: 1/2" = 1'-0"



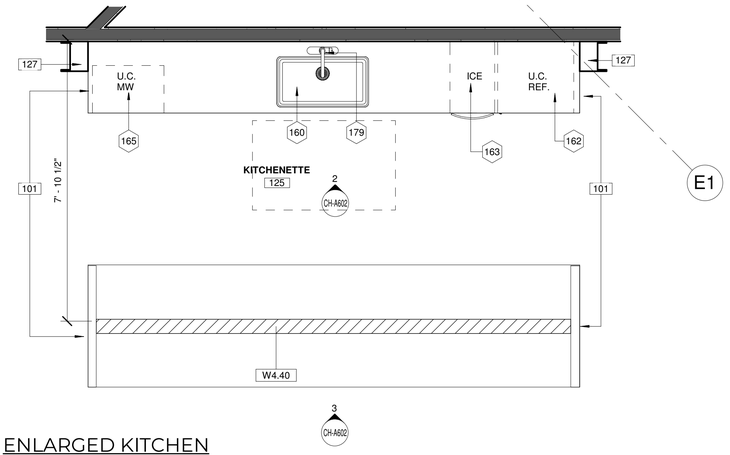
1B
3 ENLARGED RECEPTION DESK
SCALE: 1/2" = 1'-0"



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

1B


4 ENLARGED UNISEX BATHROOM
SCALE: 1/2" = 1'-0"



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

CONSTRUCTION PLAN LEGEND

- NOT IN CONTRACT, IF APPLICABLE
- PARTIAL HEIGHT WALL
- NEW CONSTRUCTION ITEM
- XXXX — WALL TYPE
- X — WINDOW TYPE

GENERAL CONSTRUCTION NOTES

A. REFER TO SHEET CH-A000 WALL TYPES AND CH-A001 FOR DOOR AND WINDOW TYPES.
B. PROVIDE BLOCKING IN WALLS TO ACCOMMODATE ALL CASEWORK AND WALL MOUNTED EQUIPMENT. REFER TO ELECTRICAL LOCATION PLANS FOR MORE INFORMATION.
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O. SUBMIT THE REQUIRED NUMBER OF SUBMITTALS FOR DESIGNER REVIEW AND APPROVAL PLUS ONE EXTRA COPY FOR DESIGNERS RECORDS.
P. CONTRACTOR TO INSTALL MAXIMUM OCCUPACY SING FOR THE CLUBHOUSE ASSEMBLY AREAS AND POOL/POOL DECK.

CONSTRUCTION PLAN KEYNOTES

101 ALIGN.
127 FAUX I-BEAM, SEE CALL OUT FOR DETAILS
128 BLACK 2" GROMMET IN COUNTER

EQUIPMENT KEYNOTES

151 RECESSED PAPER TOWEL DISPENSER/WASTE RECEPTACLE, B-36903, STAINLESS STEEL FINISH. MOUNT PER ADA STANDARDS
152 SOAP DISPENSER TO BE: BOBRICK, CONTURA SERIES RECESSED SOAP DISPENSER, B-4063, STINALESS STEEL FINISH. MOUNT PER ADA STANDARDS
153 SANITARY NAPKIN DISPOSAL TO BE: BOBRICK, SURFACE MOUNTED SANITARY NAPKIN DISPOSAL, B-254, STAINLESS STEEL FINISH. MOUNT PER ADA STANDARDS
154 TOILET TISSUE DISPENSER TO BE: BOBRICK, DOUBLE-ROLL TOILET TISSUE DISPENSER, B-2740, STAINLESS STEEL FINISH, MOUNT PER ADA STANDARDS
155 18" GRAB BAR TO BE BOBRICK, B-6806 X 18, GRAB BAR SERIES WITH FLANGES FOR CONCEALED MOUNTING AND PEENED SURFACE FOR NON-SLIP GRIPPING.
156 36" GRAB BAR TO BE BOBRICK, B-6806 X 36, GRAB BAR SERIES WITH FLANGES FOR CONCEALED MOUNTING AND PEENED SURFACE FOR NON-SLIP GRIPPING.
157 42" GRAB BAR TO BE BOBRICK, B-6806 X 42, GRAB BAR SERIES WITH FLANGES FOR CONCEALED MOUNTING AND PEENED SURFACE FOR NON-SLIP GRIPPING.
158 SINK TO BE: KOHLER, VERTICYL RECTANGLE UNDER-MOUNT BATHROOM SINK, K-2882, WHITE FINISH
160 SINK TO BE: ELKAY LISTERTON STAINLESS STEEL, EQUAL DOUBLE BOWL UNDERMOUNT ADA SINK, ELUHAD311855, STAINLESS STEEL FINISH
161 DRINKING FOUNTAINS; TO BE ELKAY LZSTL8WSLK WATER REFILLING STATION, BI-LEVEL REVERSIBLE, W/FILTER, LIGHT GRAY.; PROVIDE WATER SOFTNER FOR FIXTURES.
162 ADA UNDERCOUNTER REFRIGERATOR TO BE: SUMMIT APPLIANCES, AL54, STAINLESS STEEL FINISH
163 ADA UNDERCOUNTER ICE MACHINE TO BE: SUMMIT APPLIANCES, BIM44GADA, STAINLESS STEEL FINISH
164 RESTROOM FAUCET TO BE: DELTA FAUCET, BOWERY, SINGLE HANDLE FAUCET, POLISHED NICKEL FINISH.
165 UNDERCOUNTER MICROWAVE TO BE: GE APPLIANCES, GE CAFE SERIES 1.5 CU. FT. BUILT-IN CONVECTION/MICROWAVE OVEN WITH TRIM KIT, CEB1599SJSS, STAINLESS STEEL FINISH
166 TOILET TO BE: KOHLER, CIMARRON COMFORT HEIGHT TOILET, K-3887-RA, WHITE FINISH
167 URINAL TO BE: KOHLER, BARDON HIGH-EFFICIENCY URINAL, K-4991-ER, WHITE FINISH. MOUNT PER ADA STANDARDS
168 JANITOR'S MOP SINK TO BE GRAINGER 24" X 24" X 10" WHITE MOP SINK KIT, 10" BOWL DEPTH, DURASTONE, ITEM #11U264, MFR MODEL # 63CM
169 RESTROOM SINK TO BE: KOHLER PINOIR WALL-MOUNT BATHROOM SINK WITH 8" WIDESPREAD FAUCET HOLES, WHITE FINISH, K-2035-8-0
173 WALL MOUNTED MOP SINK FAUCET TO BE: GRAINGER RIGID MOP SINK FAUCET, LEVER HANDLE TYPE, CHROME PLATED FINISH. ITEM #40D653, MFR. MODEL #8230
177 BABY CHANGING STATION, BOBRICK KB200_00.
178 MIRROR, REJUVENATION FRAMELESS RECTANGULAR MIRROR; MODEL # 1248656 30"X42"
179 FAUCET TO BE: DELTA FAUCET, PIVOTAL SINGLE-HANDLE PULL DOWN FAUCET, POLISHED NICKEL FINISH, 9193-PN-DST.
180 HADRIAN PARITIONS FREE STANDING STALLS IN PL-4
181 HADRIAN URINAL PRIVACY SCREEN IN PL-4

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EVREN APARTMENTS
NEW CONSTRUCTION
EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI
PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
ARCHITECT

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

#	DATE	REVISION SCHEDULE DESCRIPTION

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ENLARGED CONSTRUCTION PLANS

CH-A151

1 REFLECTED CEILING PLAN -SIDE A (REFERENCE ONLY)
SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN LEGEND

	NOT IN SCOPE
	DENOTES DRYWALL BULKHEAD
	DENOTES 2X2 LIGHT FIXTURE: BEGHELLI PLANEX ECO FLAT PANEL, 3500K
	DENOTES 2X2 GRID/TILE (ACT-1 - SEE A700 FOR SPECIFICATION)
	DENOTES 6" LED SURFACE MOUNT MODULE, RAYON LIGHTING, RJL56, WHITE FINISH
	DENOTES WALL WASH RECESSED CAN; PROGRESS LIGHTING (E26) INTEGRATED RECESSED FIXTURE 6" ADJUSTABLE RECESSED TRIM, MODEL # P800020-028
L-1	DENOTES DECORATIVE CHANDELIER: TROY LIGHTING, ANDROMEDA CHANDELIER, 42" DIA., 12 LAMP, BLACK AND POLISHED NICKEL FINISH, # F4826-TBK/PN; BOTTOM OF FIXTURE TO BE MOUNTED 10'-6" AFF.
L-2	DENOTES DECORATIVE PENDANT: VISUAL COMFORT & CO, NIDO LARGE PENDANT, 15" DIA., MIDNIGHT BLACK FINISH, #KP1161MBK. BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
L-3	DENOTES DECORATIVE PENDANT: WAC LIGHTING, OYSTER PENDANT, 33" DIA., BLACK/CHROME FINISH, #PD41433. BOTTOM OF FIXTURE TO BE MOUNTED 8'-0" AFF.
L-4	DENOTES DECORATIVE PENDANT: WAC LIGHTING,CAPPE PENDANT, 21" DIA., BLACK FINISH, #PD-17421. BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
L-5	DENOTES DECORATIVE PENDANT: WAC LIGHTING, KNOT PENDANT, 13" DIA., BLACK FINISH, #PD-27413. BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
L-6	DENOTES DECORATIVE PENDANT: WAC LIGHTING, SOLO PENDANT, 48" DIA., BLACK FINISH, #PD-19348. BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
L-7	DENOTES DECORATIVE PENDANT: VISUAL COMFORT & CO, PHOBOS WIDE FLUSH PENDANT, 28" DIA., DARK BRONZE FINISH, #700FMPHB.
SC-1	DENOTES DECORATIVE WALL SCONCE: VISUAL COMFORT & CO; JONI 16 WALL, MATTE BLACK FINISH, MODEL #700WSJNI. REFER TO ELEVATIONS FOR MOUNTING HEIGHT AND PLACEMENT.
SC-2	DENOTES DECORATIVE WALL SCONCE: VISUAL COMFORT & CO, GESTURE SCONCE;FLUSH MOUNT, MIDNIGHT BLACK FINISH, #KWL1071MBK. REFER TO ELEVATIONS FOR MOUNTING HEIGHT AND PLACEMENT.
SC-3	DENOTES DECORATIVE WALL SCONCE: VISUAL COMFORT & CO, PHOBOS 2 LIGHT WALL SCONCE, POLISHED NICKEL FINISH, #00WSPHB . REFER TO ELEVATIONS FOR MOUNTING HEIGHT, ORIENTATION AND PLACEMENT.
	DENOTES TAPE LIGHT; WAC LIGHTING INVISILED PRO 24V TAPE LIGHT SYSTEM; MODEL #: LED-T24-35-3500K-85
F-1	DENOTES CEILING FAN: VISUAL COMFORT; ROZZEN 52" HUGGER CEILING FAN, MIDNIGHT BLACK FINISH, #3RZHR52MBK. BOTTOM OF FIXTURE TO BE MOUNTED 11'-0" AFF IN "FITNESS CENTER 112", AND FLUSH MOUNTED IN "WELL BEATS 118"

NOTE: ALL LIGHTING AND MECHANICAL ITEMS FOR LOCATION PURPOSES ONLY. REFER TO ENGINEERING DRAWINGS FOR MORE INFORMATION.

GENERAL REFLECTED CEILING NOTES

A. PROVIDE FIRE DAMPERS AT FIRE-RATED PARTITIONS AS REQUIRED PER APPLICABLE BUILDING CODES.
B. CEILING IN ALL AREAS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, AND ALL APPLICABLE BUILDING CODES.
C. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DUCTWORK, SUPPLY AND RETURN AIR AND THERMOSTATS. COORDINATE ALL ELEMENTS OF THE HVAC SYSTEM TO PROVIDE A COMPLETELY BALANCED AND EFFICIENT HEATING AND COOLING SYSTEM.
D. THE GENERAL CONTRACTOR AND THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CEILING HEIGHTS AND CEILING PLENUM CONDITIONS FOR CLEARANCE OF DUCTWORK, LIGHTING, AND OTHER OBSTRUCTIONS TO ASSURE THE FINISHED CEILING HEIGHT INDICATED. ANY DISCREPANCY SHALL BE BROUGHT TO THE DESIGNER'S ATTENTION PRIOR TO PERFORMING ANY WORK.
E. CEILING HEIGHT THROUGHOUT THE SPACE ARE TO BE BTM OF STRUCTURE, UNLESS NOTED OTHERWISE.
F. ALL NEW SWITCHES FOR LIGHTING SHALL BE LOCATED AS SHOWN ON PLANS. MOUNT CENTER OF SWITCH 6"-9" FROM EDGE OF DOOR FRAME, UNLESS NOTED OTHERWISE.
G. EXIT SIGNS, DOWN LIGHTS, SPRINKLER HEADS, ETC. SHALL BE CENTERED WITHIN TILE, UNLESS NOTED OTHERWISE.
H. COLOR OF LIGHT SWITCH DEVICES AND COVERPLATE TO BE WHITE, UNLESS NOTED OTHERWISE.
I. ALL MULTIPLE SWITCH LOCATIONS TO BE GROUPED TOGETHER AND LABELED WITH A SINGLE DEVICE COVERPLATE.
J. REFER TO ENGINEERING DOCUMENTS FOR INFORMATION, LOCATION AND SPECIFICATIONS ON EXIT SIGNAGE, LIFE SAFETY SYSTEMS, 24 EMERGENCY LIGHTING, VENTILATIONS, HVAC SYSTEMS, CIRCUITING OF LIGHTS AND THERMOSTAT LOCATION ETC.
K. THERMOSTATS SHALL BE LOCATED ADJACENT TO LIGHT SWITCH AND WITHIN REACH RANGES OUTLINED IN ANSI A117.1-2009 SECTION 308 AND 309. ALL THERMOSTAT POSITIONS AND LOCATIONS TO BE COORDINATED WITH THE DESIGNER BEFORE PLACEMENT.
L. SUPPLY AND RETURN AIR GRILLES ARE TO BE FLUSH WITH CEILING TILES AND ARE TO BE WHITE IN COLOR. REFER TO ENGINEERING DOCUMENTS FOR ADDITIONAL INFORMATION.
M. ALL DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE, UNLESS NOTED OTHERWISE.
N. IF REQUIRED, ALL CEILING MOUNTED EQUIPMENT LOCATIONS TO BE COORDINATED WITH THE DESIGNER PRIOR TO INSTALLATION.
O. CONTRACTOR TO VERIFY WITH FIRE MARSHAL CORRECT QUANTITY AND PLACEMENT.

REFLECTED CEILING PLAN KEYNOTES

201 CONTRACTOR TO PROVIDE OVERHEAD BRACING IN THIS LOCATION FOR CURTAIN TRACK INSTALLATION (PROVIDED BY OWNER/DESIGNER)
202 CEILING TO BE PAINTED P-2 IN FLAT IN THIS LOCATION
203 CEILING MOUNTED PROJECTOR. ACTUAL LOCATION AND SPECIFICATION INFORMATION PROVIDED BY OWNER'S SPECIALTY EQUIPMENT PROVIDER
205 BULKHEAD WRAPPED IN WD-1 ON ALL SIDES IN THIS LOCATION
206 FAUX I-BEAM, SEE SECTION FOR DETAILS
207 CEILING IN THIS LOCATION TO BE VAULTED. REFER TO CH-301 FOR MORE INFORMATION.
208 CENTER LIGHT WITHIN ROOM
211 DECORATIVE TRUSS, REFER TO 2/A301 FOR MORE INFORMATION
213 GYPSUM BOARD CONTROL JOINT, PAINT TO MATCH WALL ALIGN TO BACK SIDE OF TRUSS AND WALL AS INDICATED.
215 PAINT GRADE PLYWOOD PAINTED P-4, CENTERED IN ROOM WITH FIXTURED MOUNTED IN CENTER. FAUX SUSPENDED CEILING, SEE SECTION.
216 ALIGN TRIM WITH TRIMWORK ON FACE OF DRYWALL, UNDERSIDE OF BULKHEAD TO BE PAINTED P-6, LEAVE FACE OF DRYWALL P-1
217 ALIGN.
219 CEILING IN THIS LOCATION TO BE PAINTED P-5
220 CEILING IN THIS LOCATION TO BE PAINTED P-6
221 CENTER LIGHT FIXTURES OVER ISLAND IN THIS LOCATION
223 TAPE LIGHT IN THIS LOCATION, SEE SECTION FOR DETAILS
224 ARMSTRONG CEILING ACOUSTIBUILT CEILING PANELS TO CLAD DRYWALL CEILING IN THIS LOCATION, INTEGRATE RECESS CAN LIGHT
225 WC-6 APPLIED TO CEILING INSET IN THIS LOCATION, WRAP ALL SIDES OF POP-UP CEILING

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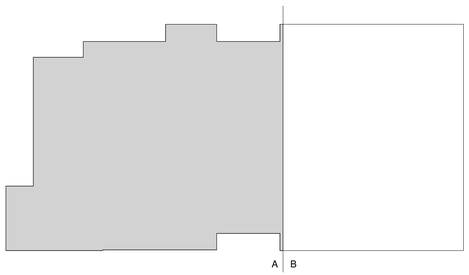
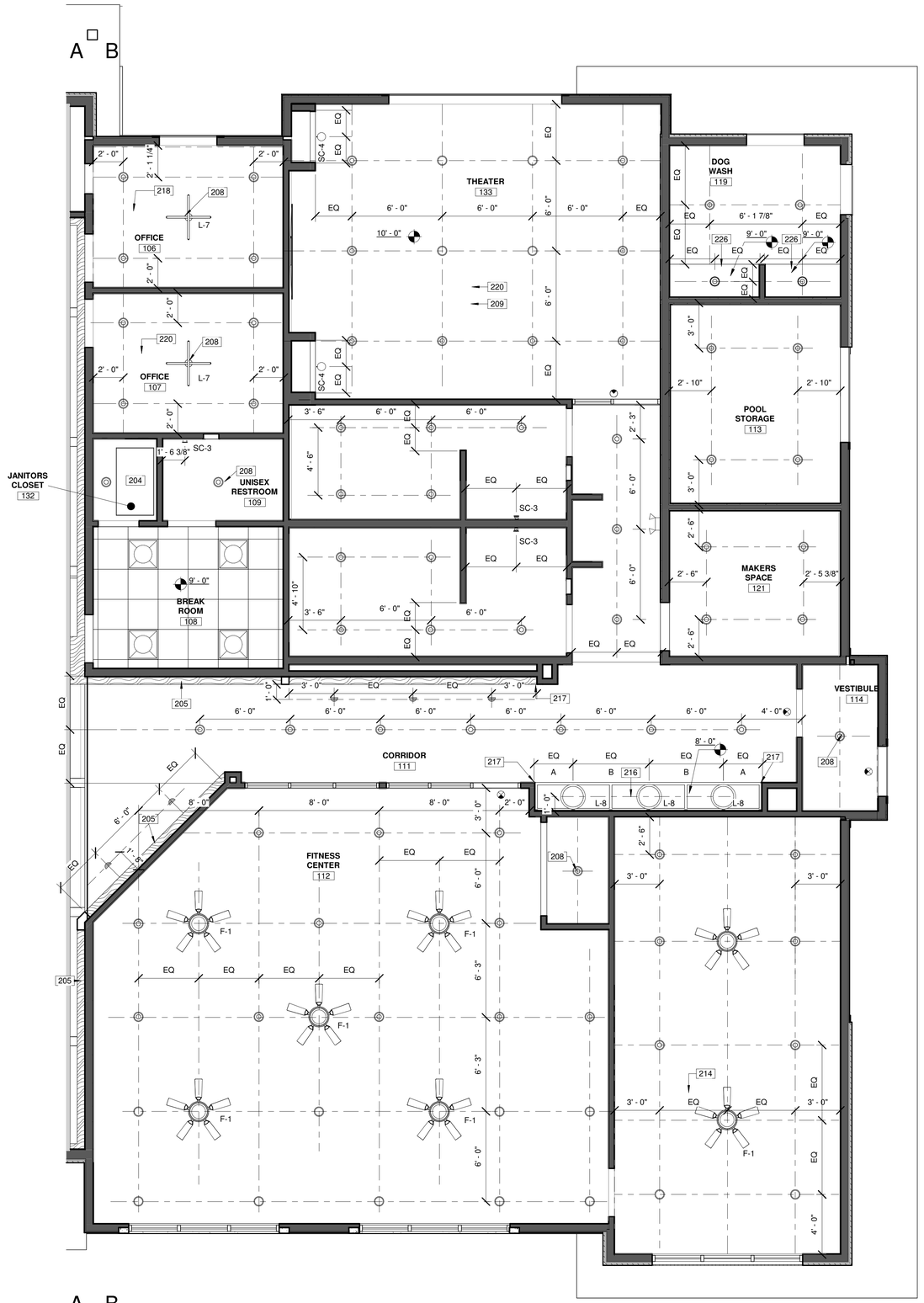
REFLECTED CEILING PLAN - SIDE A (REFERENCE ONLY)

CH-A201



KEY PLAN

SCALE: NTS



A B

1 REFLECTED CEILING PLAN - SIDE B (REFERENCE ONLY)

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

REFLECTED CEILING PLAN LEGEND

		NOT IN SCOPE / DENOTES DRYWALL BULKHEAD
		DENOTES 2X2 LIGHT FIXTURE: BEGHELLI PLANEX ECO FLAT PANEL, 3500K
		DENOTES 2X2 GRID/TILE (ACT-1 - SEE A700 FOR SPECIFICATION)
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O. CONTRACTOR TO VERIFY WITH FIRE MARSHAL CORRECT QUANTITY AND PLACEMENT.

REFLECTED CEILING PLAN KEYNOTES

204 ATTIC ACCESS IN THIS LOCATION
205 BULKHEAD WRAPPED IN WD-1 ON ALL SIDES IN THIS LOCATION
208 CENTER LIGHT WITHIN ROOM
209 LIGHTING IN THIS ROOM TO BE DIMMABLE
214 WC-5 APPLIED TO CEILING IN THIS LOCATION.
216 ALIGN TRIM WITH TRIMWORK ON FACE OF DRYWALL, UNDERSIDE OF BULKHEAD TO BE PAINTED P-6, LEAVE FACE OF DRYWALL P-1
217 ALIGN.
218 CEILING IN THIS LOCATION TO BE PAINTED P-4
220 CEILING IN THIS LOCATION TO BE PAINTED P-6
226 BULKHEAD PAINTED P-6 ON ALL SIDES

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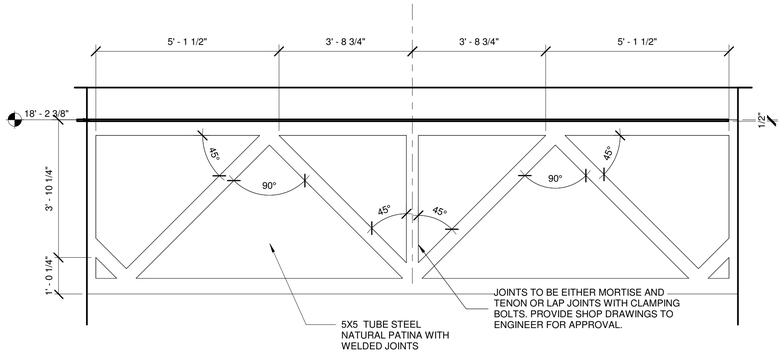
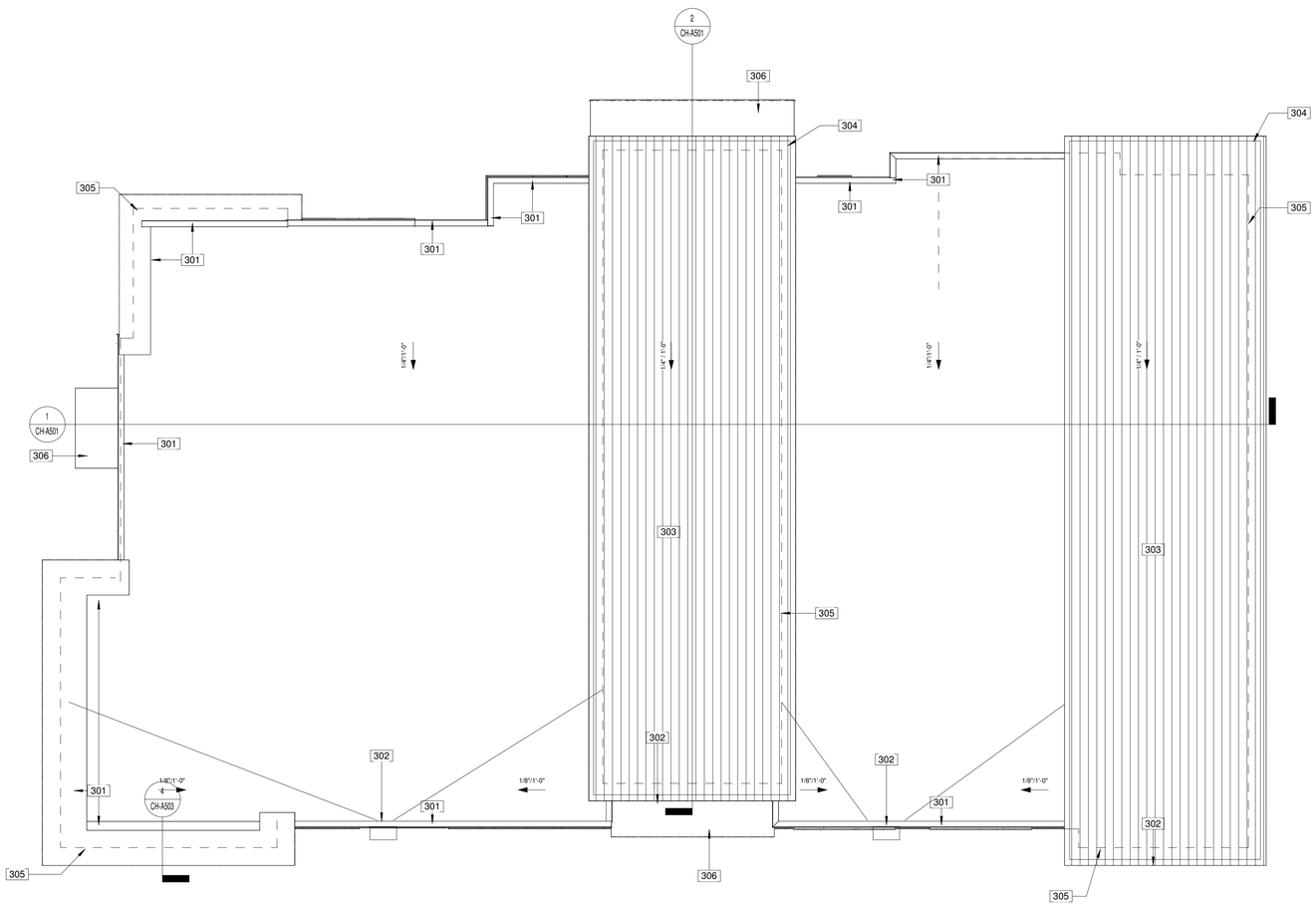
REFLECTED CEILING PLAN- SIDE B (REFERENCE ONLY)

CH-A202



2 DECORATIVE TRUSS ELEVATION

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



1 ROOF PLAN

SCALE: 1/8" = 1'-0"

ROOF LEGEND

- OUTLINE OF ITEMS BELOW
- PROVIDE ICE/WATER SHIELD. FROM EDGE OF EAVE TO 2'-0" MINIMUM (HORIZONTALLY) FROM INSIDE OF WARM WALL, AND IN ALL DIRECTIONS FROM VERTICAL AND HORIZONTAL TRANSITIONS, AND PENETRATIONS.
- SLOPE DIRECTION
- 60 MIL TPO ROOFING

ROOF KEYNOTES

301	METAL PARAPET, TO BE MBCI OR EQUAL PREFINISHED SILVER METALLIC
302	METAL PARAPET, TO BE:MBCI OR EQUAL PREFINISHED BLACK METALLIC
303	60 MIL TPO ROOFING OVER RIGID INSULATION. COLOR TO BE GREY
304	BREAK METAL FASCIA WITH GRAVEL STOP. TO BE BLACK
305	WALL LOCATION BELOW
306	AWNING, REFER TO ELEVATION AND DETAILS FOR MORE INFORMATION

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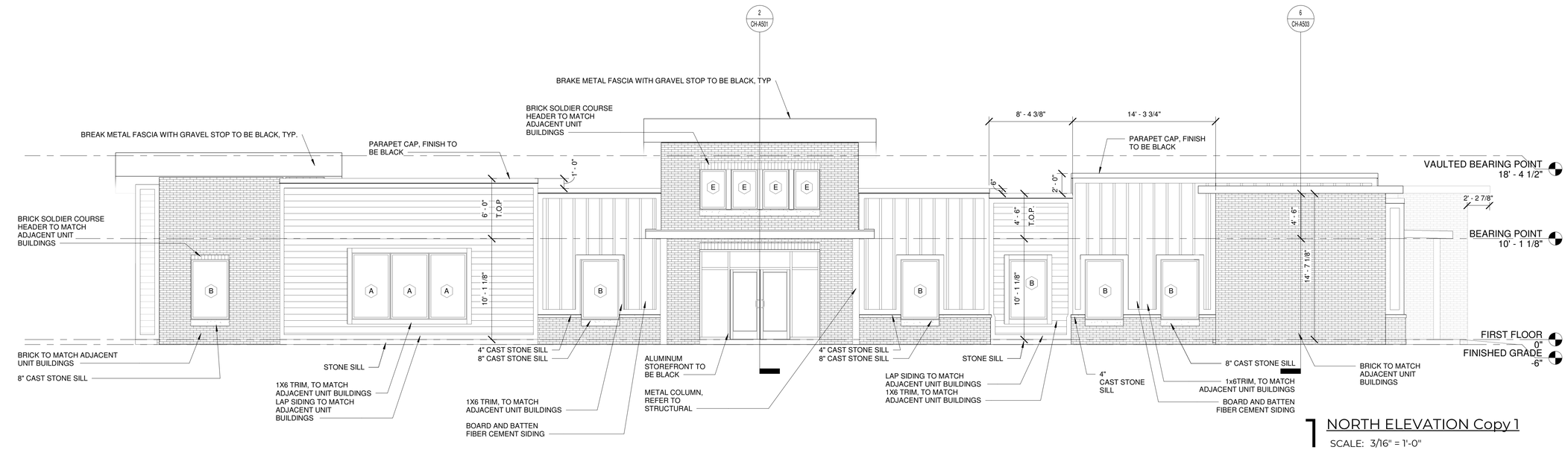
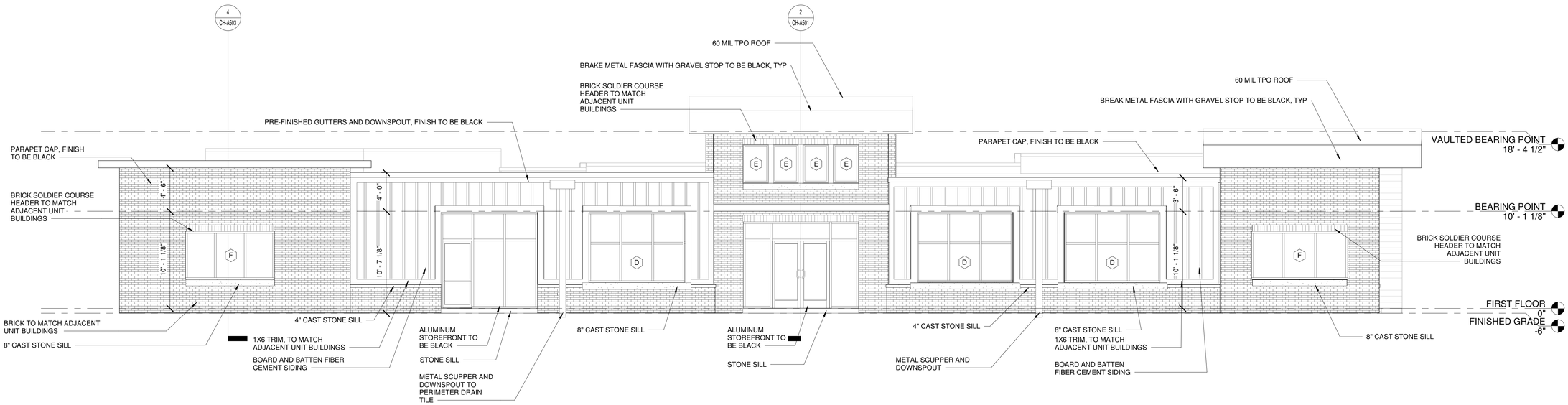
ROOF PLAN

CH-A301



1 NORTH ELEVATION Copy 1

SCALE: 3/16" = 1'-0"



2 SOUTH ELEVATION Copy 1

SCALE: 3/16" = 1'-0"

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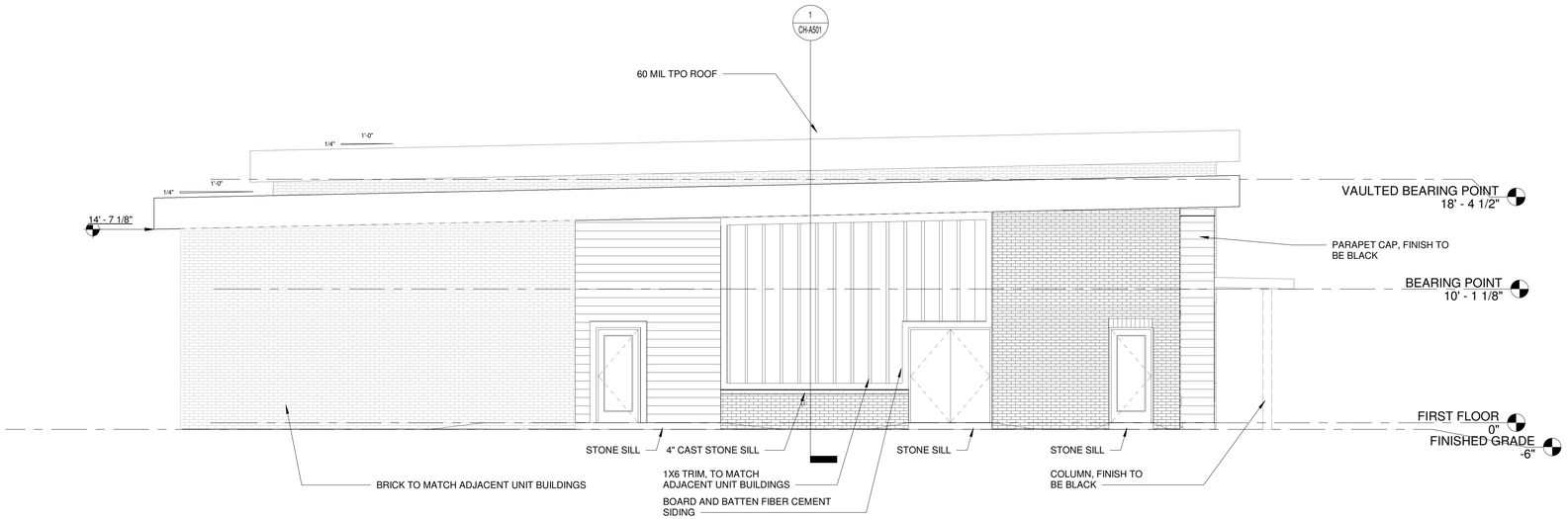
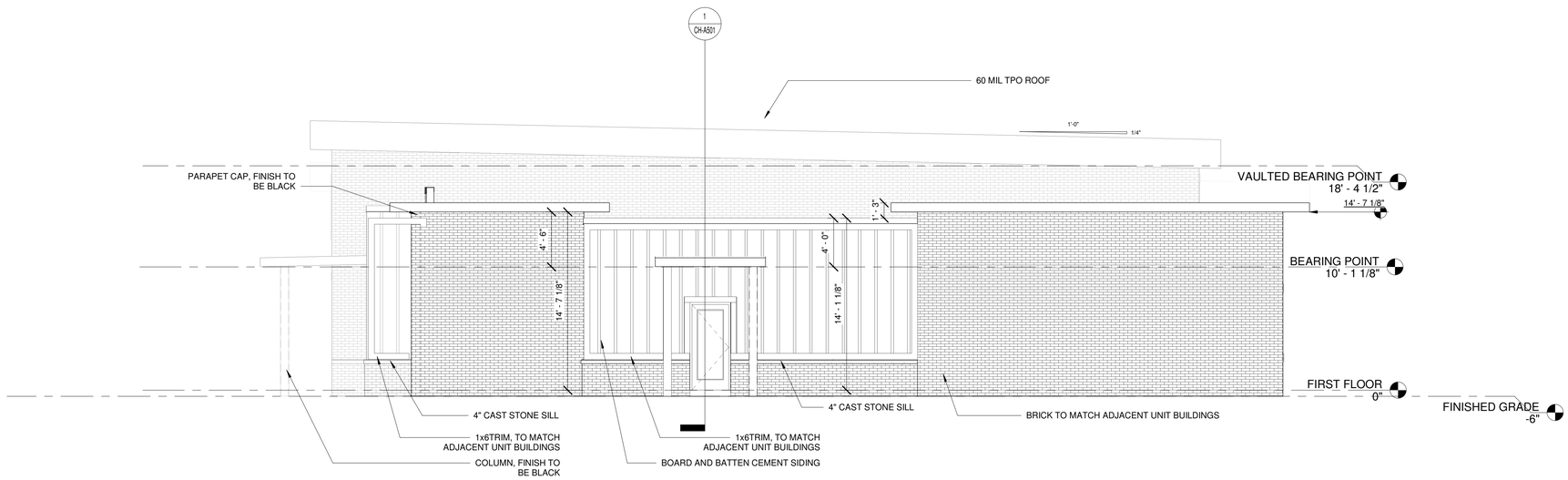
EXTERIOR ELEVATIONS

CH-A401



1 EAST ELEVATION Copy 1

SCALE: 3/16" = 1'-0"



2 WEST ELEVATION Copy 1

SCALE: 3/16" = 1'-0"

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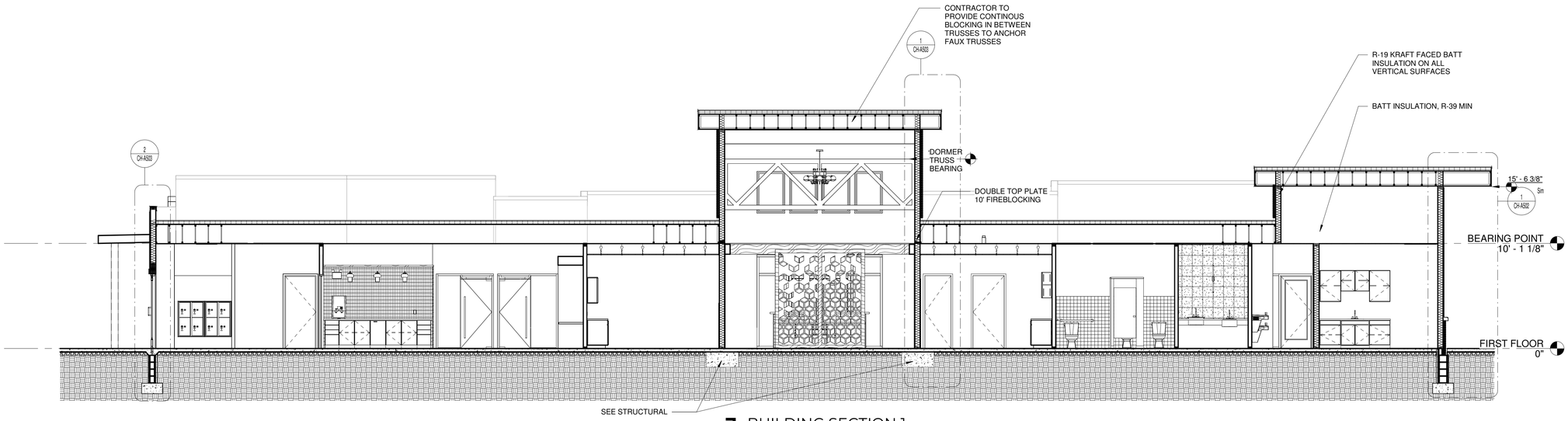
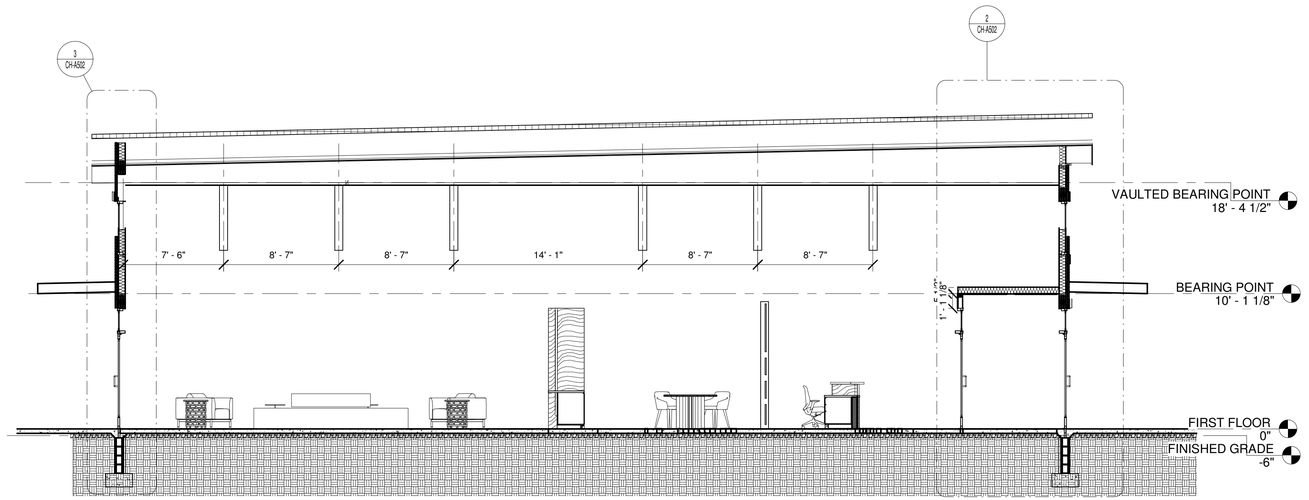
EXTERIOR ELEVATIONS

CH-A402



1 BUILDING SECTION 1

SCALE: 3/16" = 1'-0"



2 BUILDING SECTION 2

SCALE: 3/16" = 1'-0"

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EVREN APARTMENTS

NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
ARCHITECT
6/14/24

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	-
PERMIT SET	06/14/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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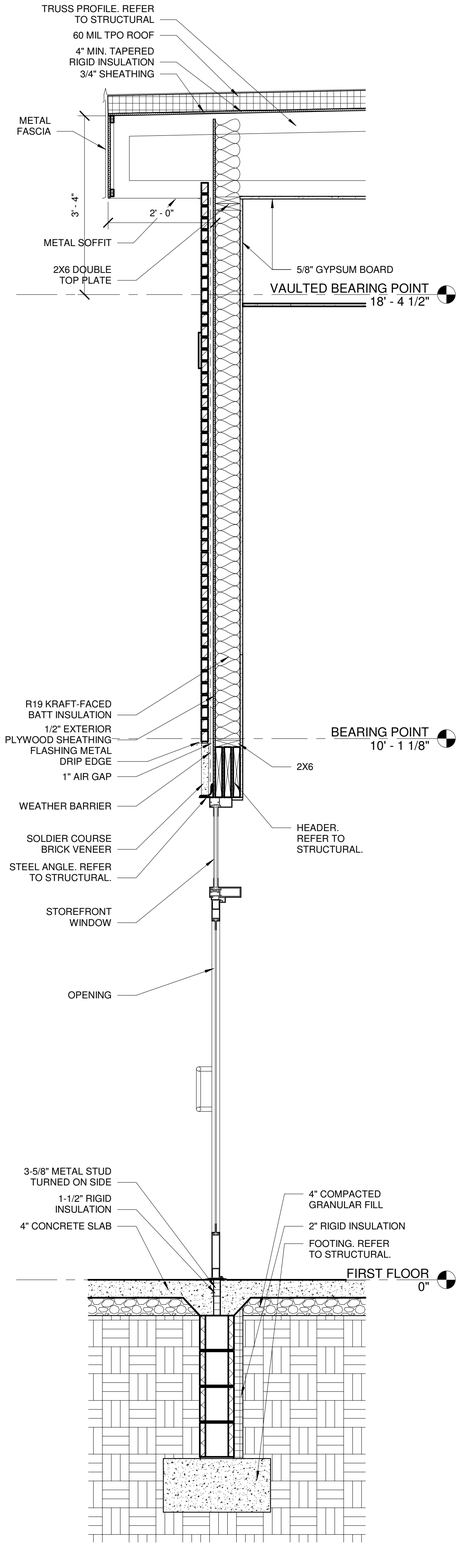
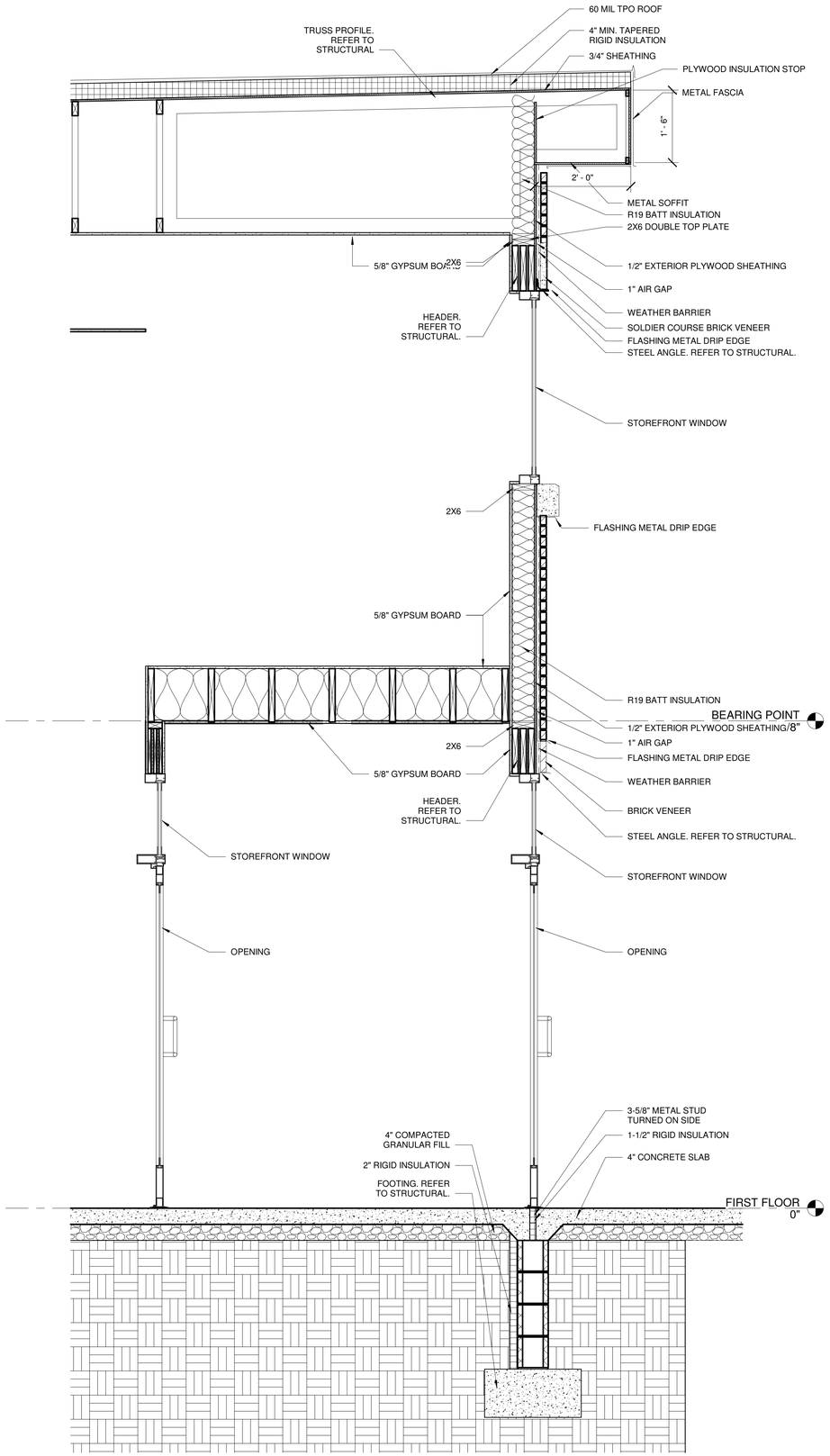
BUILDING SECTIONS

CH-A501



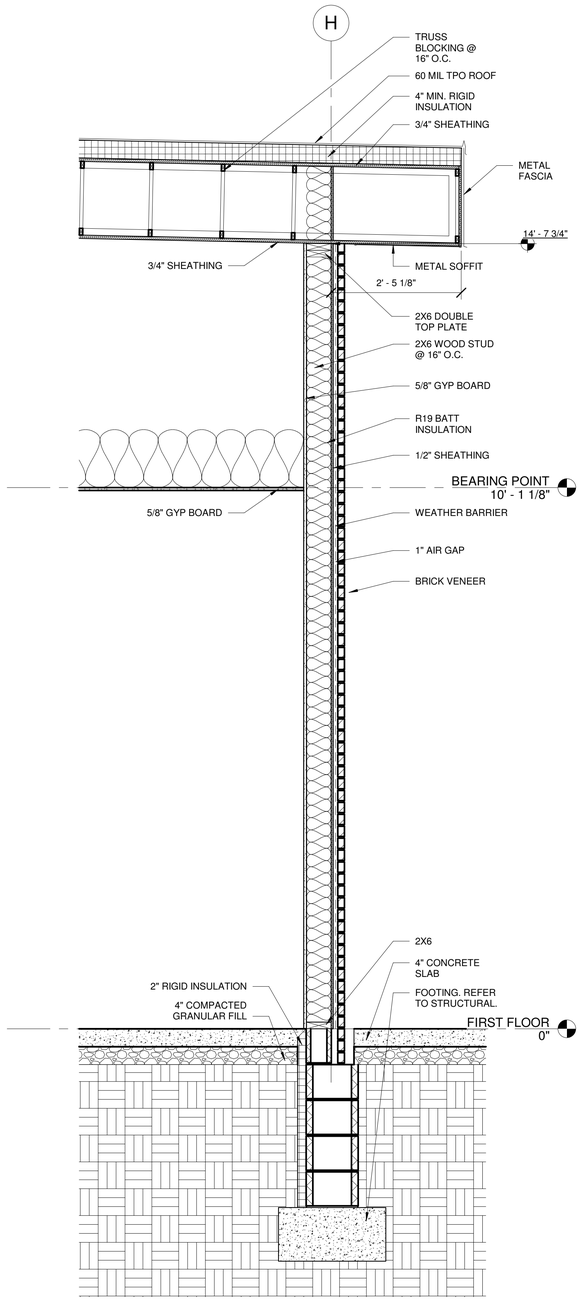
3 WALL SECTION AT ENTRANCE

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



2 WALL SECTION AT VESTIBULE

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



1 WALL SECTION

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

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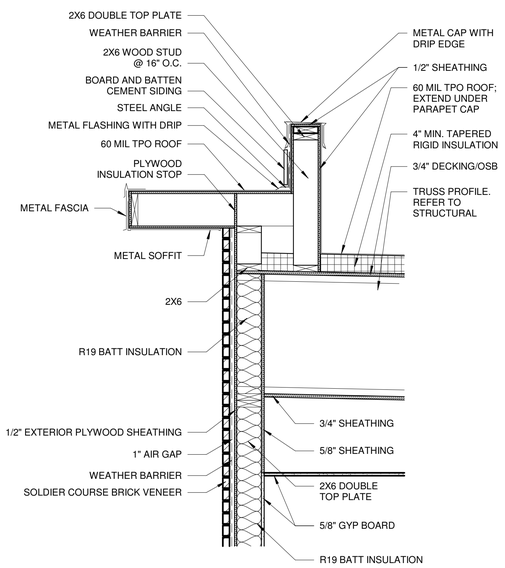
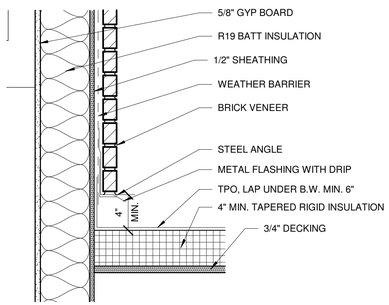
WALL SECTIONS

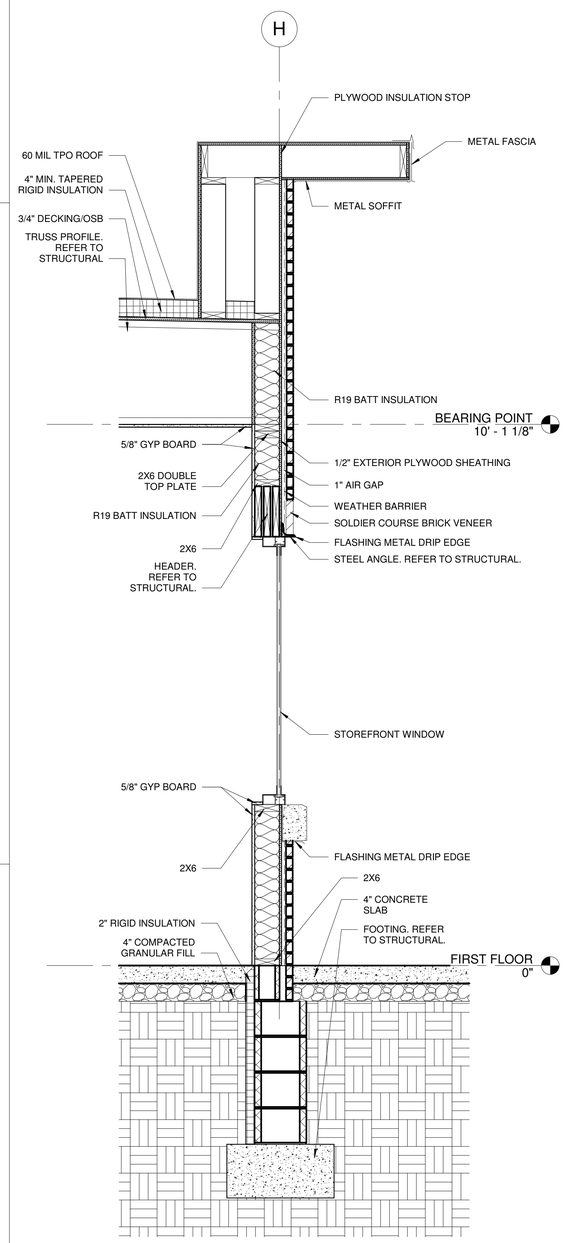
CH-A502



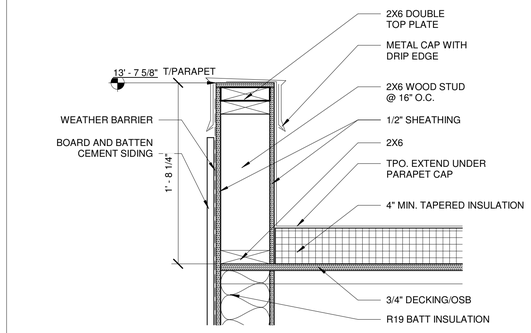
6 ROOF SECTION
SCALE: 3/4" = 1'-0"



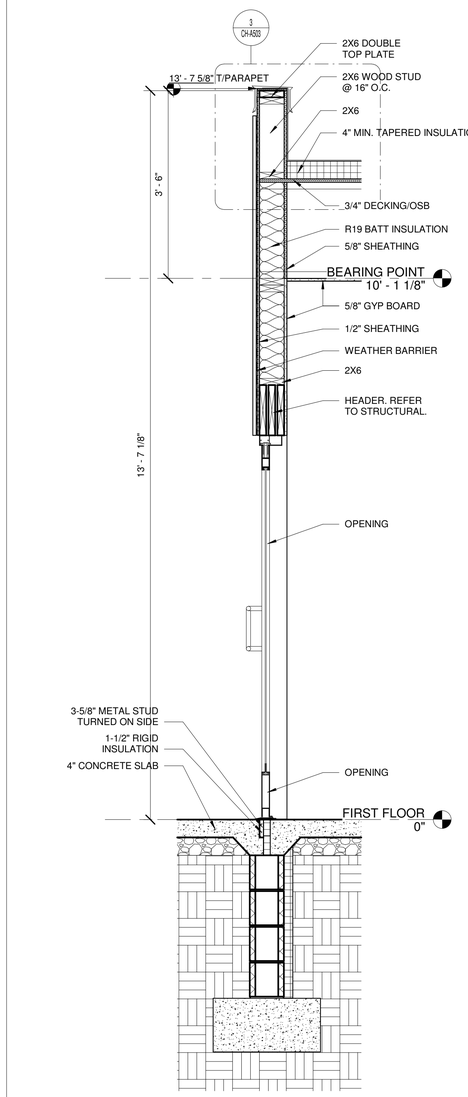
5 ROOF DETAIL
SCALE: 1 1/2" = 1'-0"



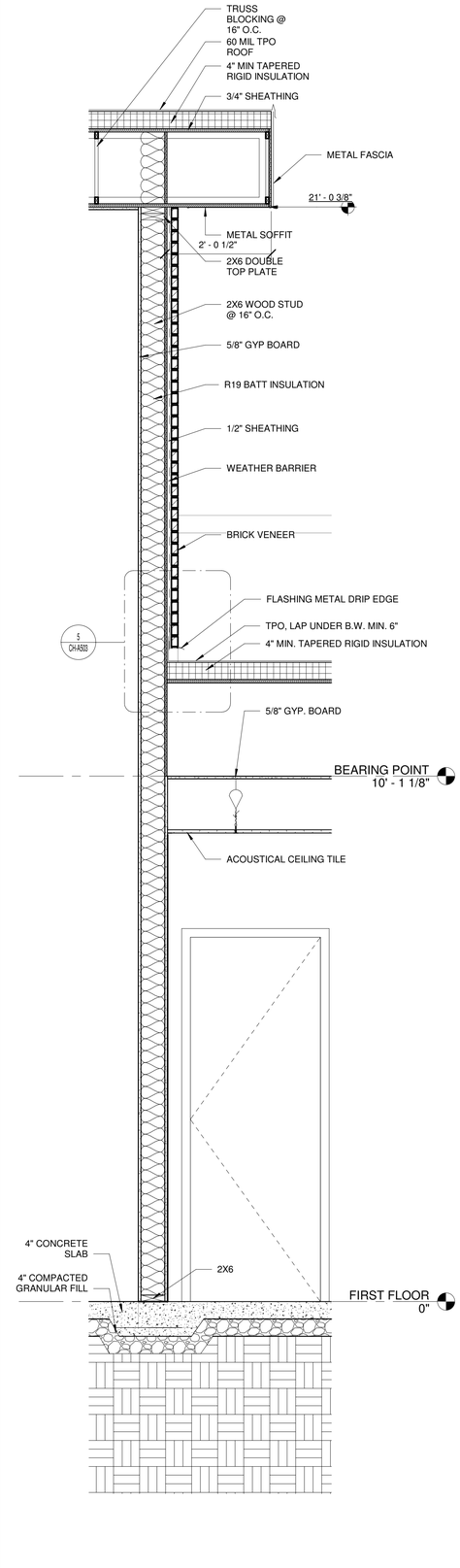
4 WALL SECTION
SCALE: 3/4" = 1'-0"



3 PARAPET DETAIL
SCALE: 1 1/2" = 1'-0"



2 WALL SECTION AT ENTRANCE
SCALE: 3/4" = 1'-0"



1 WALL SECTION
SCALE: 3/4" = 1'-0"

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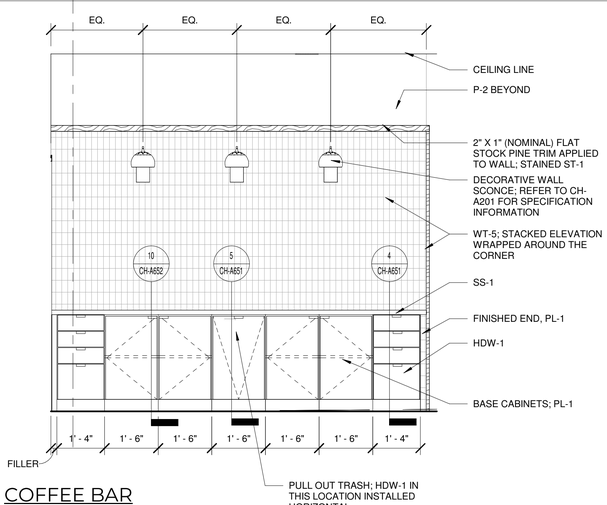
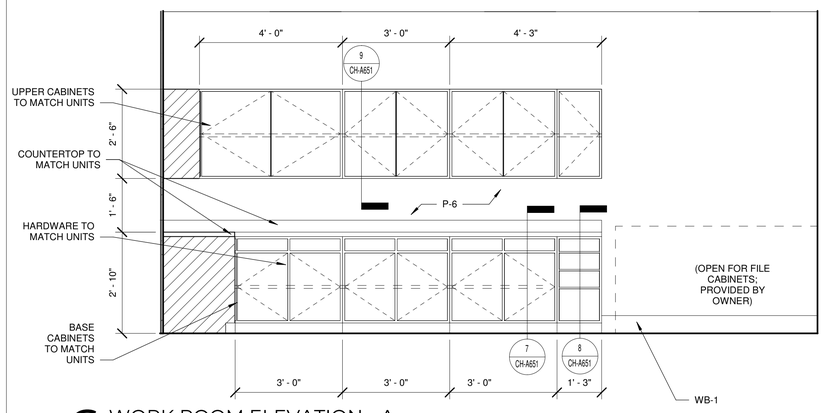
WALL SECTIONS

CH-A503



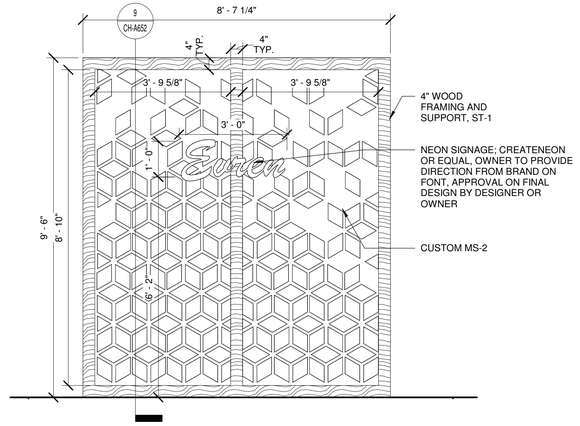
9 COFFEE BAR

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



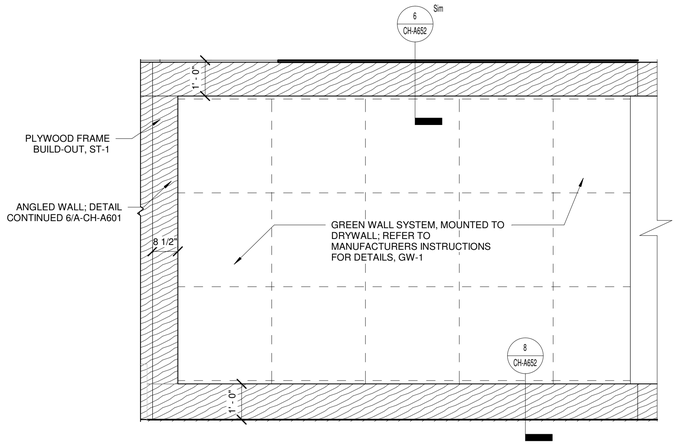
6 WORK ROOM ELEVATION - A

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



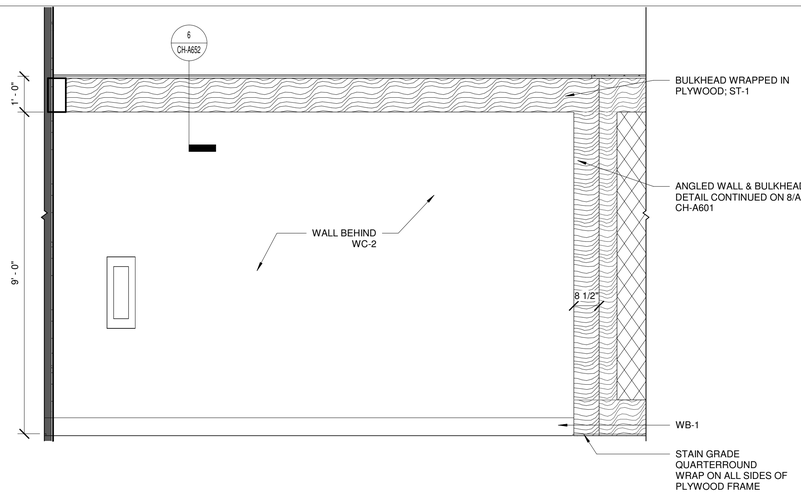
3 RECEPTION FEATURE WALL ELEVATION

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



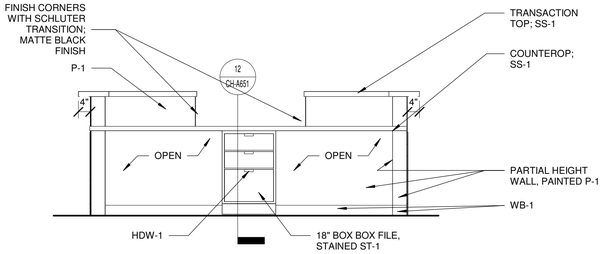
8 TRIM FEATURE WALL ELEVATION, TYP.

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



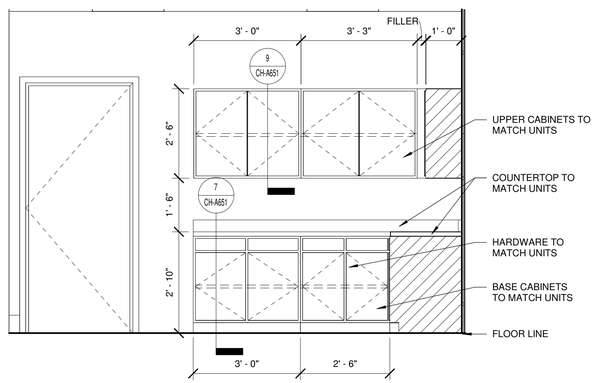
5 TRIM FEATURE WALL ELEVATION, TYP

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



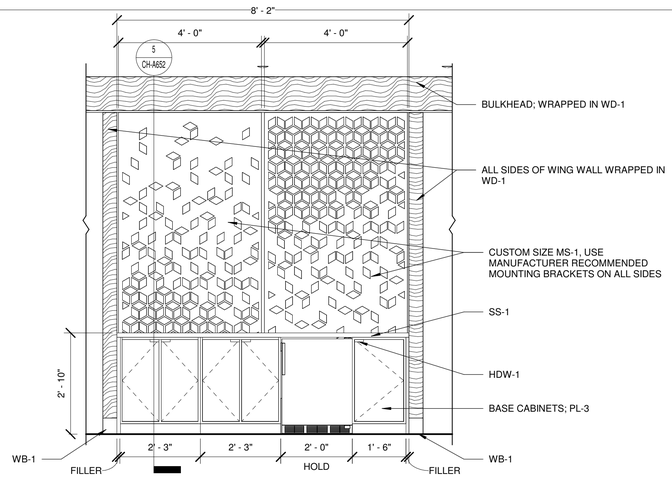
2 RECEPTION DESK ELEVATION- BACK

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



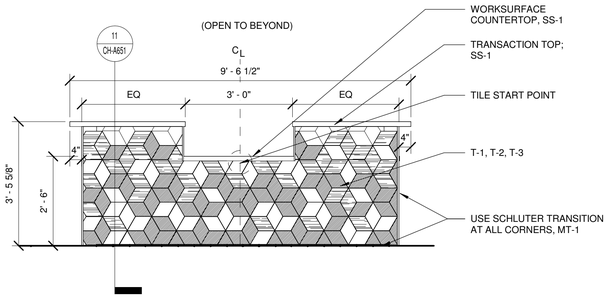
7 WORKROOM ELEVATION- A

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



4 LEASING COFFEE BAR ELEVATION

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



1 RECEPTION DESK ELEVATION- FRONT

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

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PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
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REGISTERED ARCHITECT

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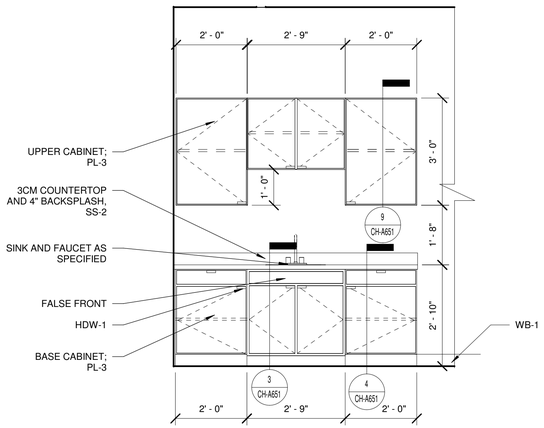
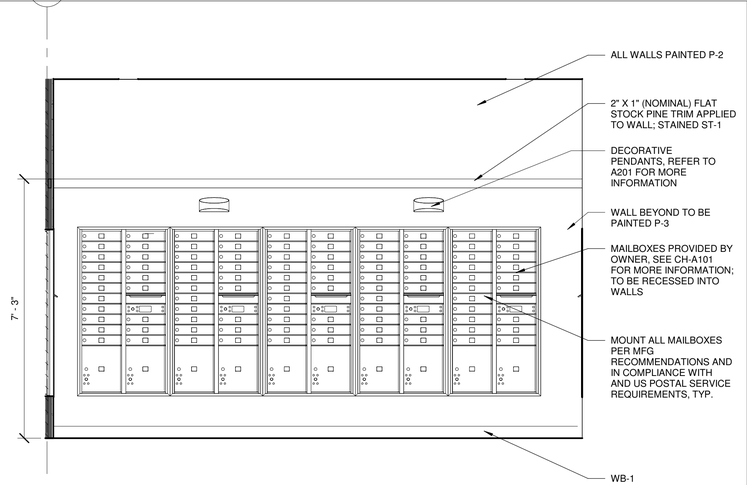
INTERIOR ELEVATIONS

CH-A601



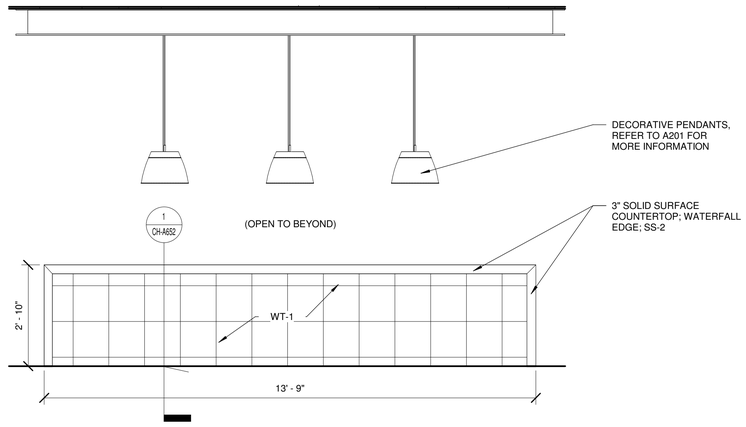
10 MAKERS' SPACE ELEVATION

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



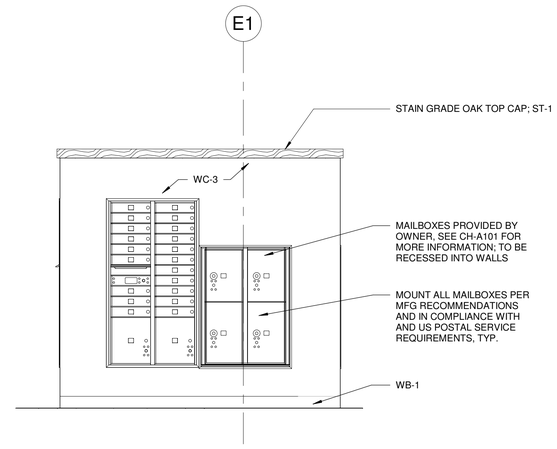
6 MAILROOM ELEVATION

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



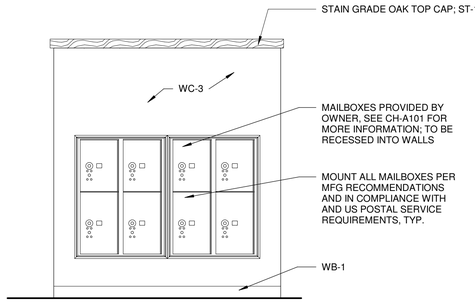
3 KITCHENETTE ELEVATION- B

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



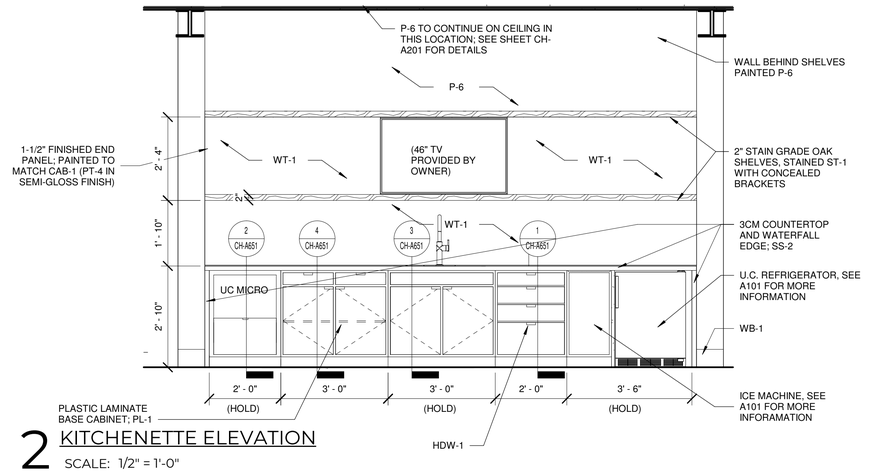
4 MAILROOM ELEVATION

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



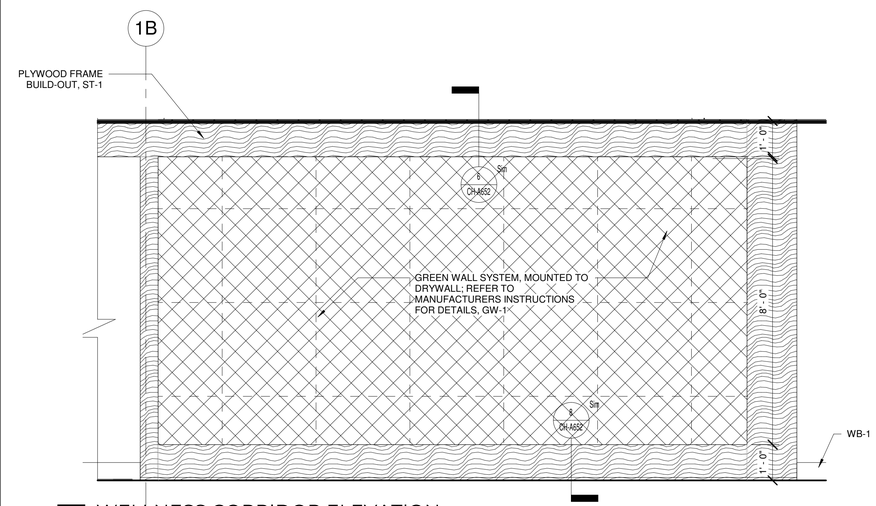
5 MAILROOM ELEVATION

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



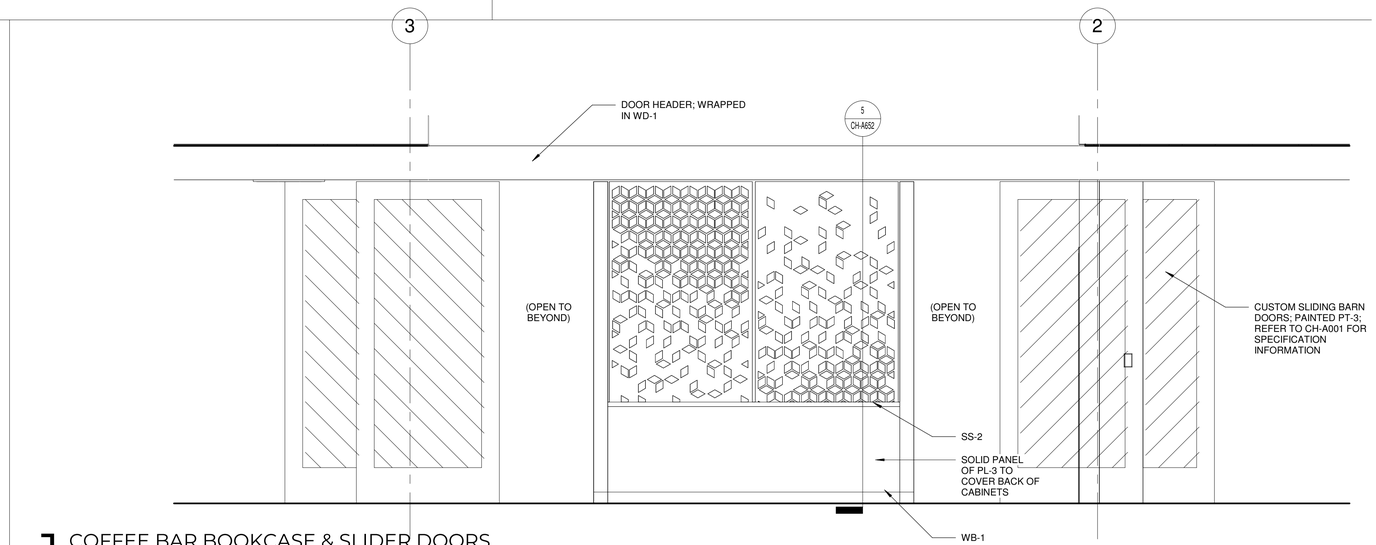
2 KITCHENETTE ELEVATION

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



7 WELLNESS CORRIDOR ELEVATION

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



1 COFFEE BAR BOOKCASE & SLIDER DOORS

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

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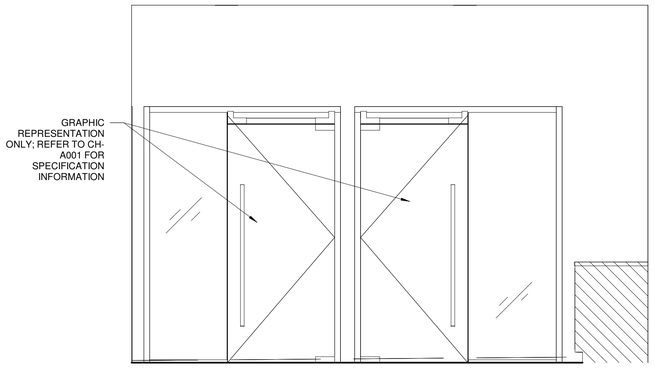
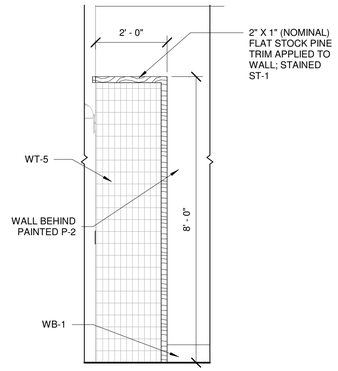
INTERIOR ELEVATIONS

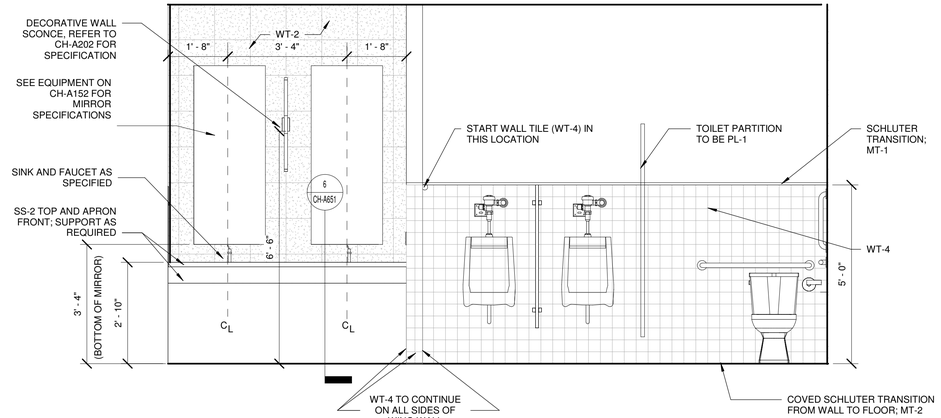
CH-A602



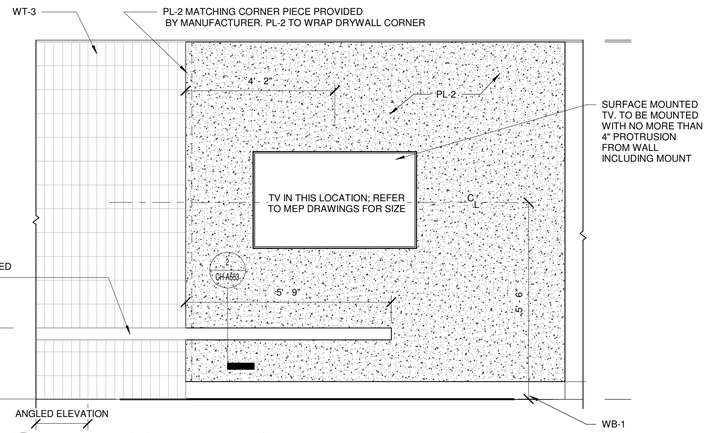
9 CONFERENCE ROOM TRIM ELEVATION
SCALE: 1/2" = 1'-0"



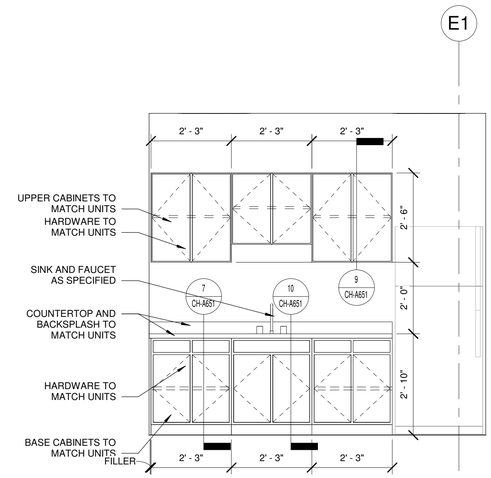
6 COFFEE BAR TRIM ELEVATION
SCALE: 1/2" = 1'-0"



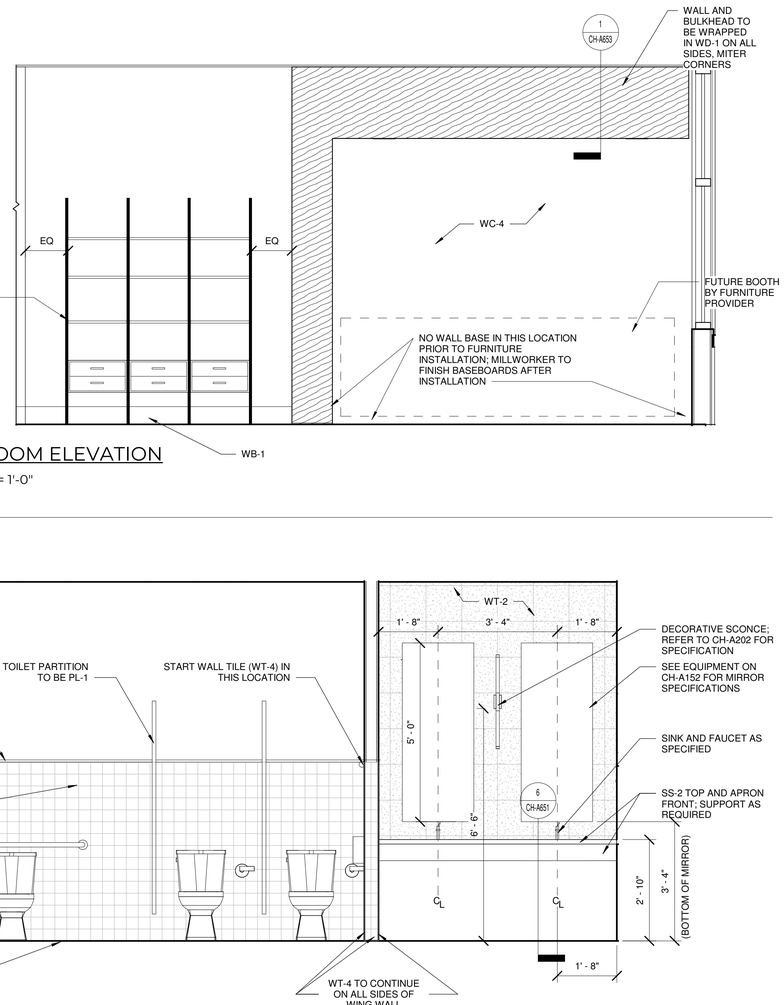
3 MEN'S RESTROOM
SCALE: 1/2" = 1'-0"



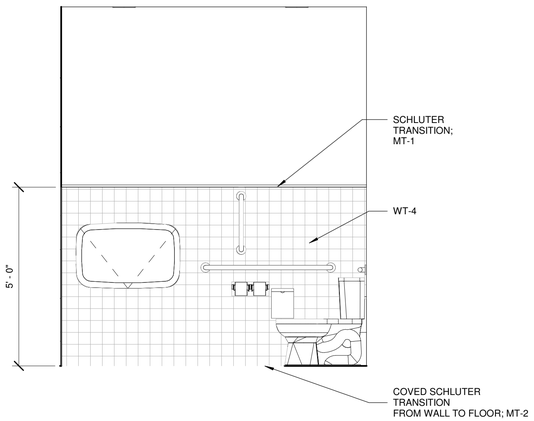
8 GAME ROOM ELEVATION
SCALE: 1/2" = 1'-0"



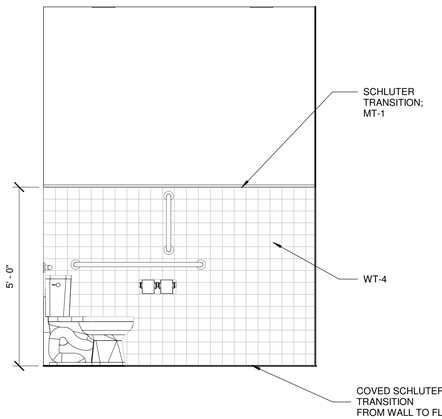
5 BREAKROOM
SCALE: 1/2" = 1'-0"



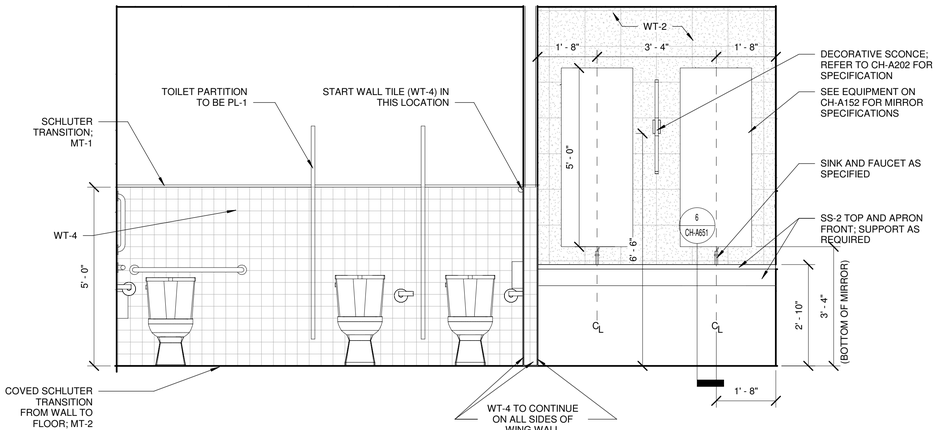
2 GAME ROOM ELEVATION
SCALE: 1/2" = 1'-0"



7 WOMEN'S RESTROOM
SCALE: 1/2" = 1'-0"



4 MEN'S RESTROOM
SCALE: 1/2" = 1'-0"



1 WOMEN'S RESTROOM
SCALE: 1/2" = 1'-0"

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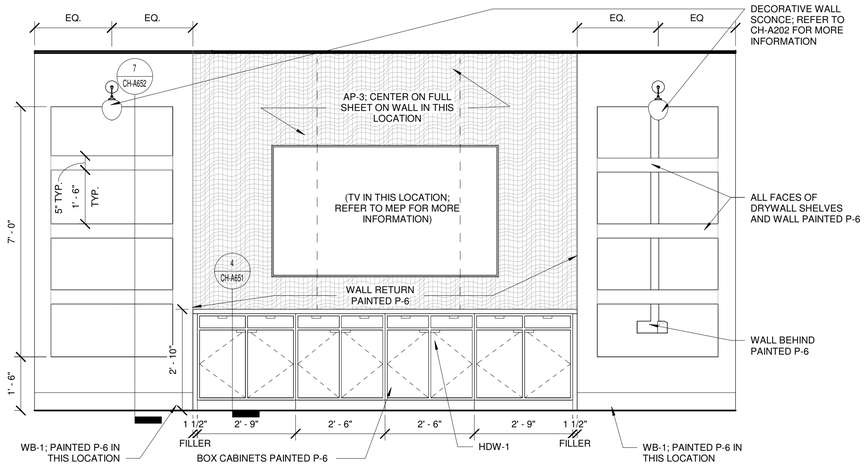
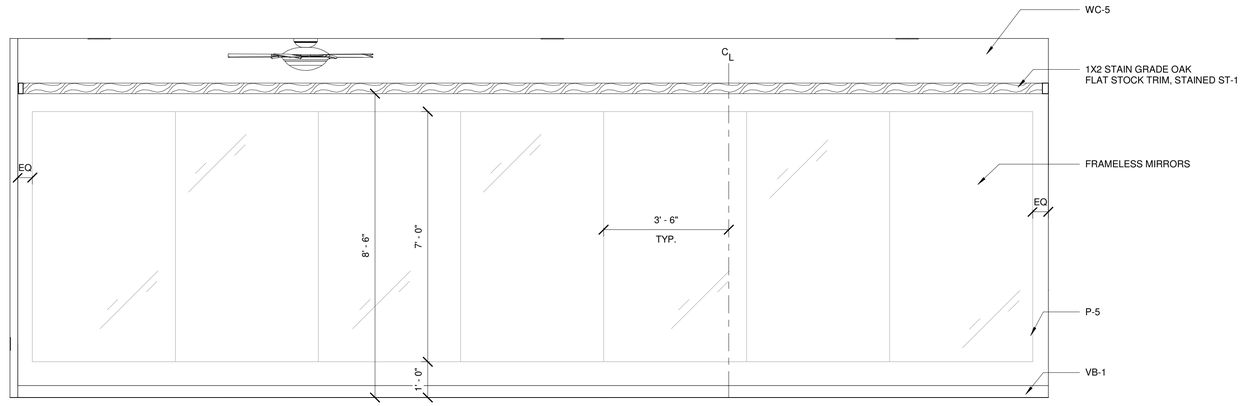
INTERIOR ELEVATIONS

CH-A603



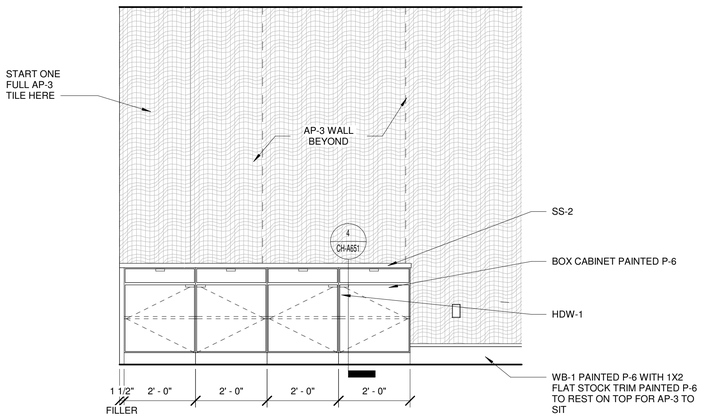
8 THEATRE ROOM BOOKSHELF ELEVATION

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



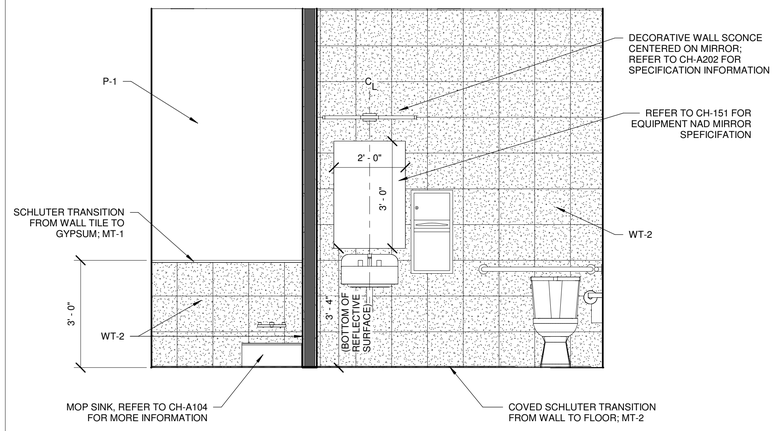
3 WELL BEATS MIRRORS

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



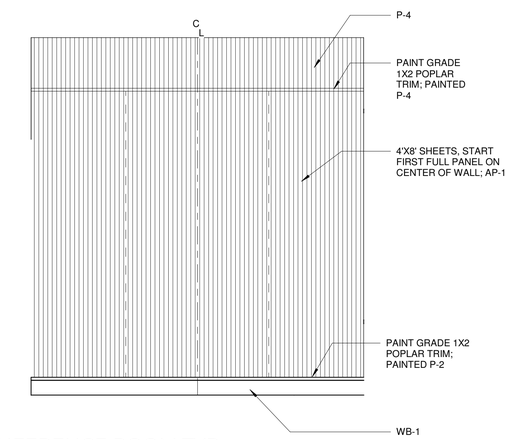
7 THEATRE ROOM CASEWORK ELEVATION

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



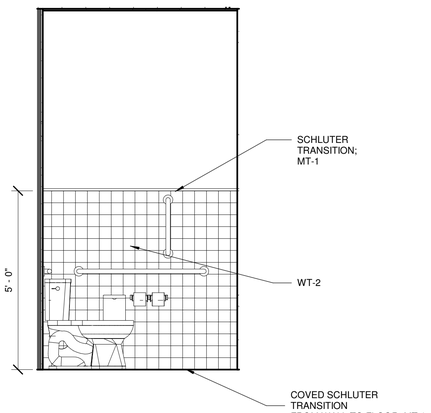
4 UNISEX RESTROOM/JANITOR CLOSET

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



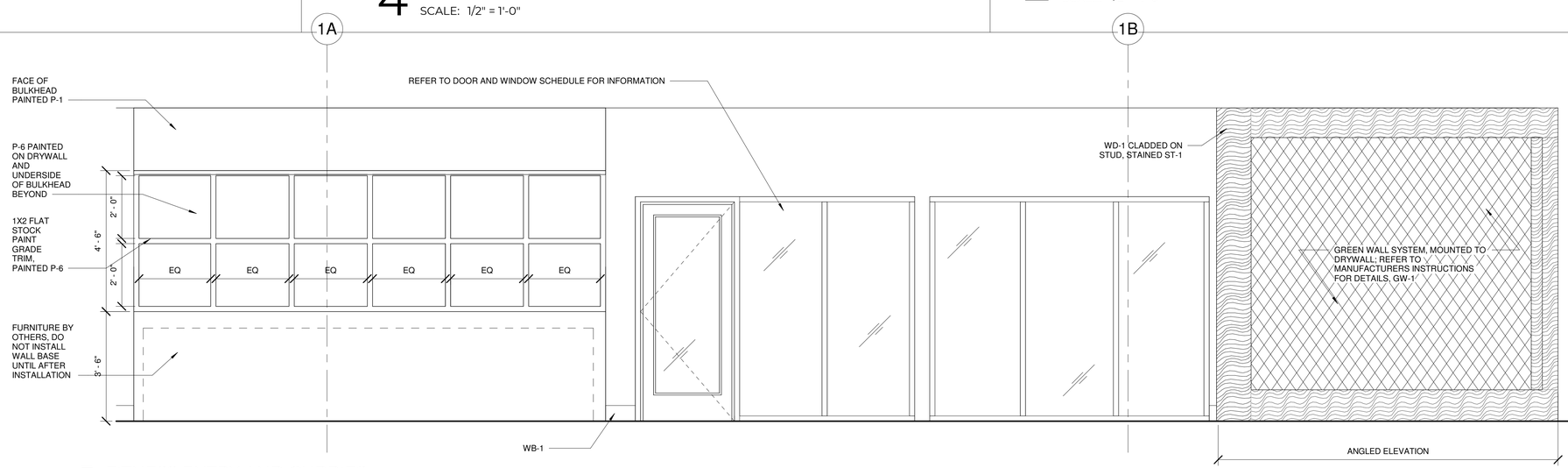
2 CONFERENCE ROOM TYP.

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



5 UNISEX RESTROOM

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



1 FITNESS ENTRY AND CUBBIES

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

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NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
ARCHITECT
07/17/24

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

REVISION SCHEDULE

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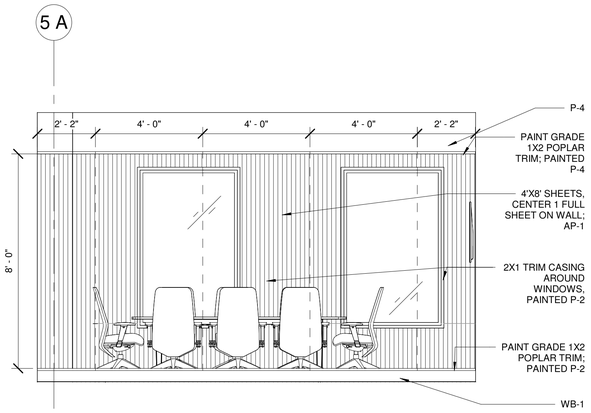
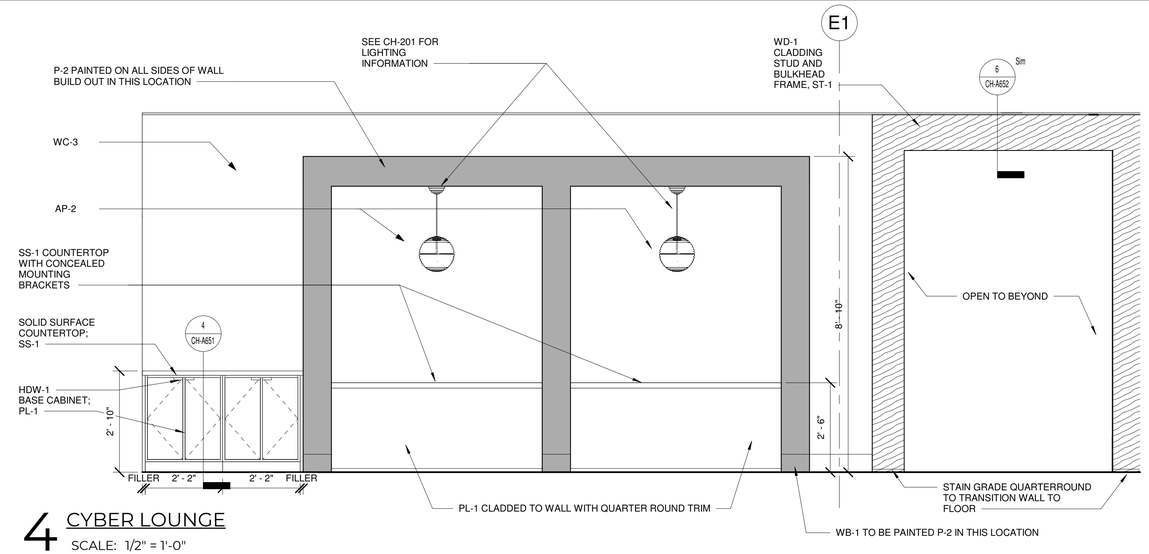
INTERIOR ELEVATIONS

CH-A604



7 CONFERENCE ROOM TYP.

SCALE: 3/8" = 1'-0"



4 CYBER LOUNGE

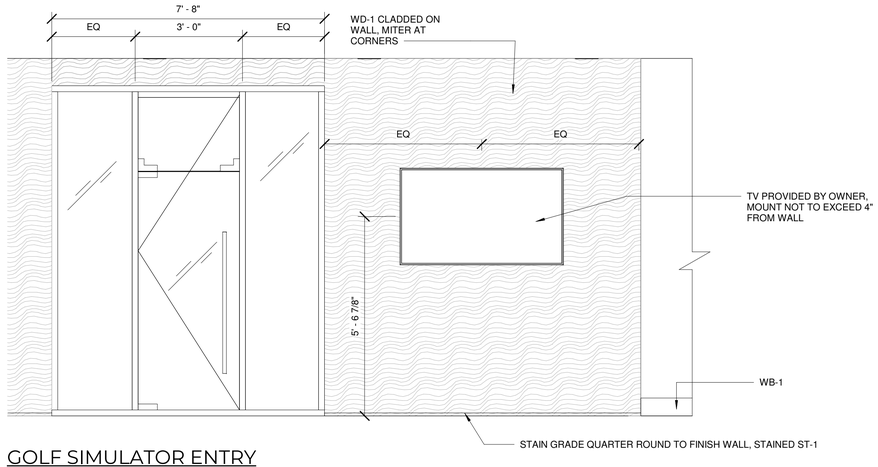
SCALE: 1/2" = 1'-0"

9 CONFERENCE ROOM

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

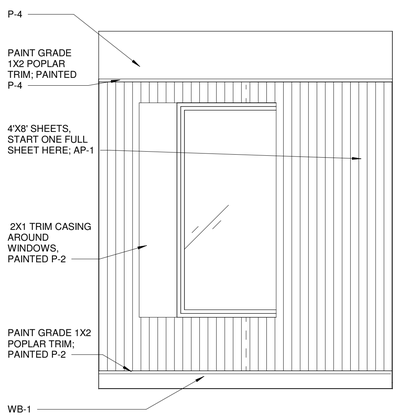
6 MAILROOM PARCEL ELEVATION

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



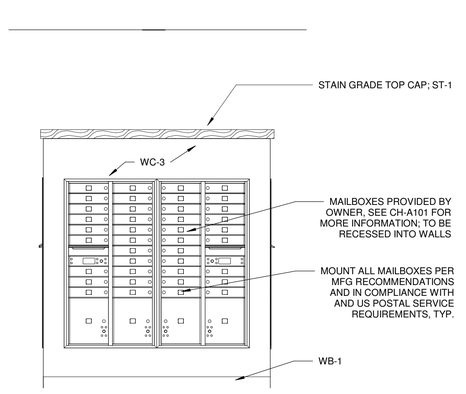
3 GOLF SIMULATOR ENTRY

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



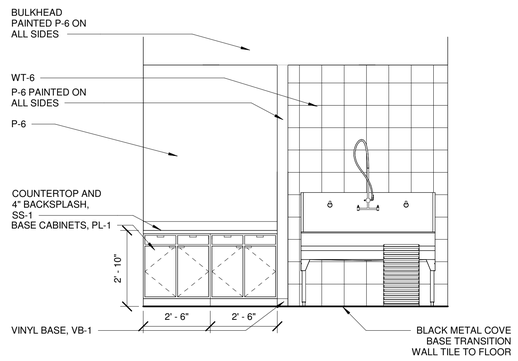
8 CONFERENCE ROOM ELEVATION

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



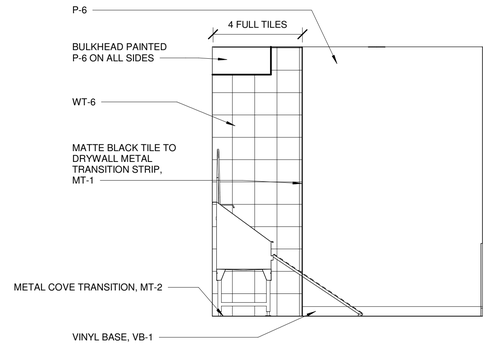
5 MAILROOM ISLAND

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



2 DOG WASH CASEWORK

SCALE: 3/8" = 1'-0"



1 DOG WASH ELEVATION

SCALE: 3/8" = 1'-0"

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PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
REGISTERED ARCHITECT

MD PROJECT #:	24097
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CHECKED BY:	RB, JS
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PERMIT SET	06/14/2024

REVISION SCHEDULE

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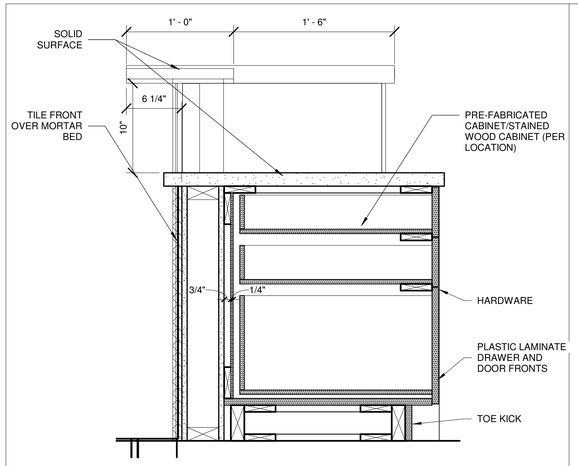
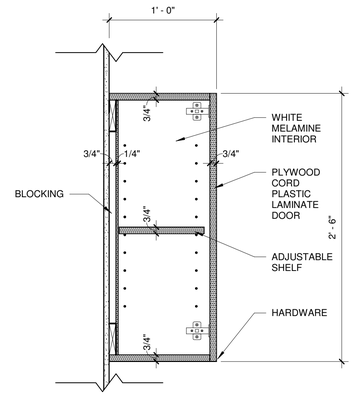
INTERIOR ELEVATIONS

CH-A605



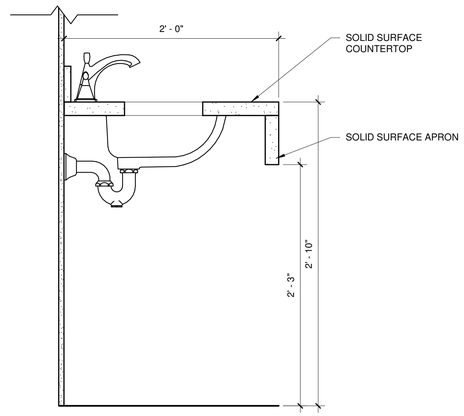
12 RECEPTION DRAWER SECTION

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



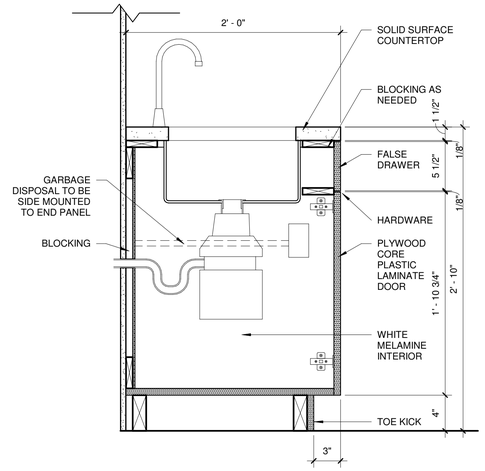
9 WALL CABINET

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



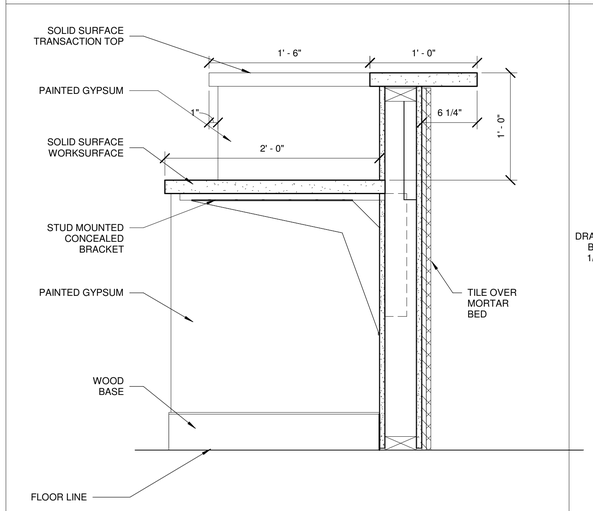
6 SINK WITH APRON FRONT

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



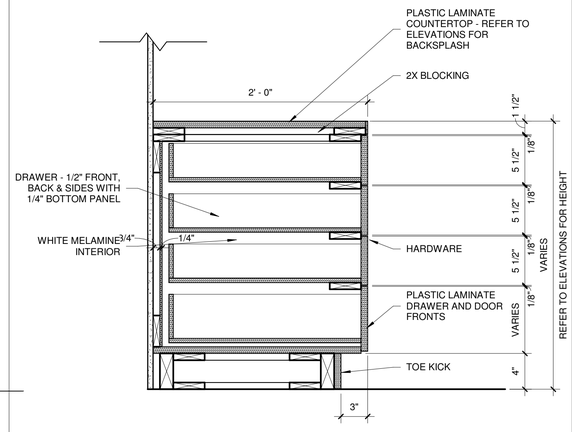
3 BASE CABINET WITH SINK

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



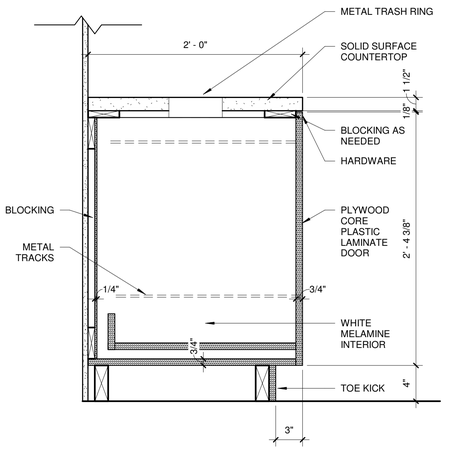
11 RECEPTION DESK SECTION

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



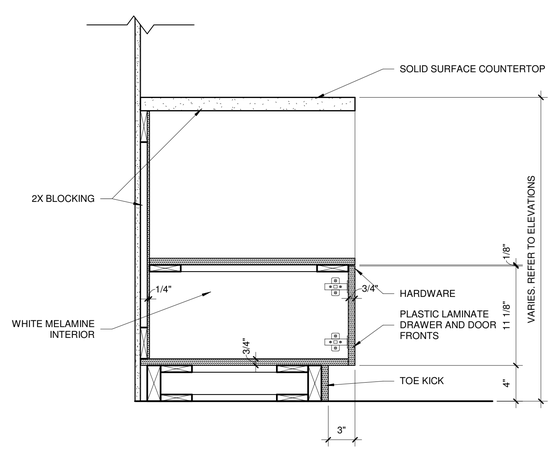
8 4 DRAWER BASE CABINET

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



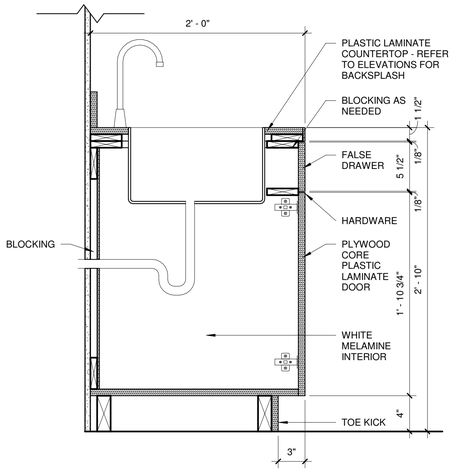
5 PULL-OUT BASE CABINET WITH TRASH CHUTE

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



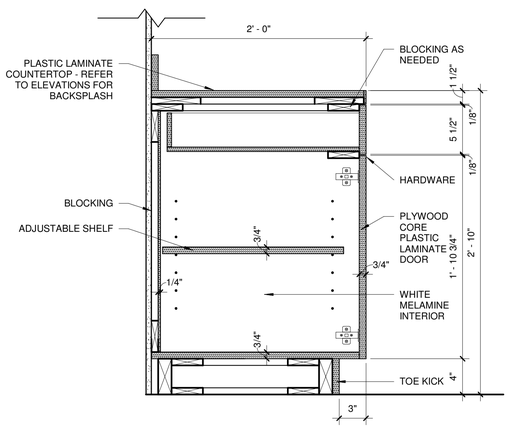
2 MICROWAVE BASE CABINET

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



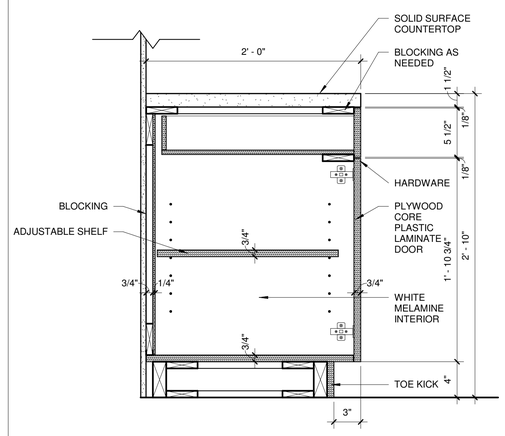
10 BASE CABINET WITH SINK

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



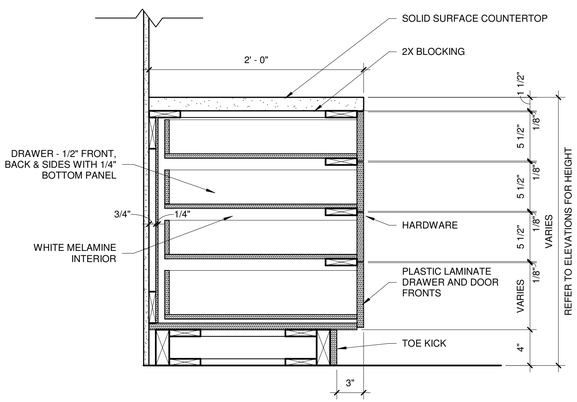
7 BASE CABINET WITH DRAWER

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



4 BASE CABINET WITH DRAWER

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



1 4 DRAWER BASE CABINET

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

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PERMIT SET

STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2018000590
ARCHITECT
6/14/24

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS

REVISION SCHEDULE		
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PRELIMINARY PRICING SET	-	-
PERMIT SET	06/14/2024	

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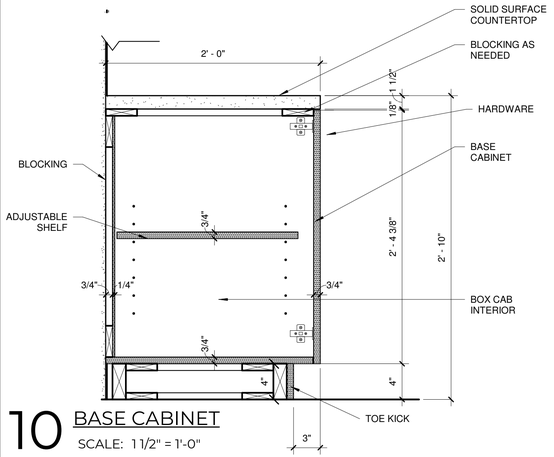
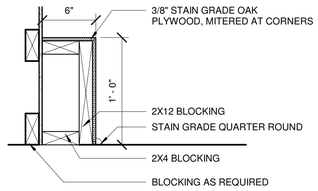
INTERIOR SECTIONS/DETAILS

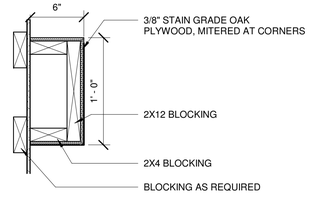
CH-A651



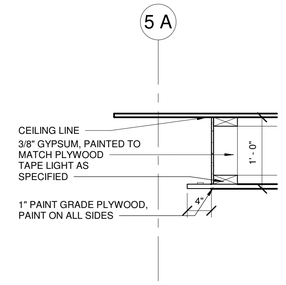
10 BASE CABINET
SCALE: 1 1/2" = 1'-0"



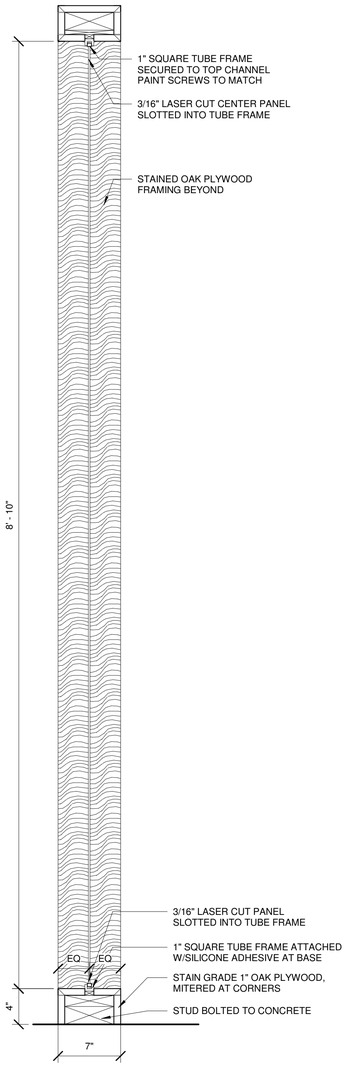
8 WOOD FRAMING DETAIL, FLOOR
SCALE: 1 1/2" = 1'-0"



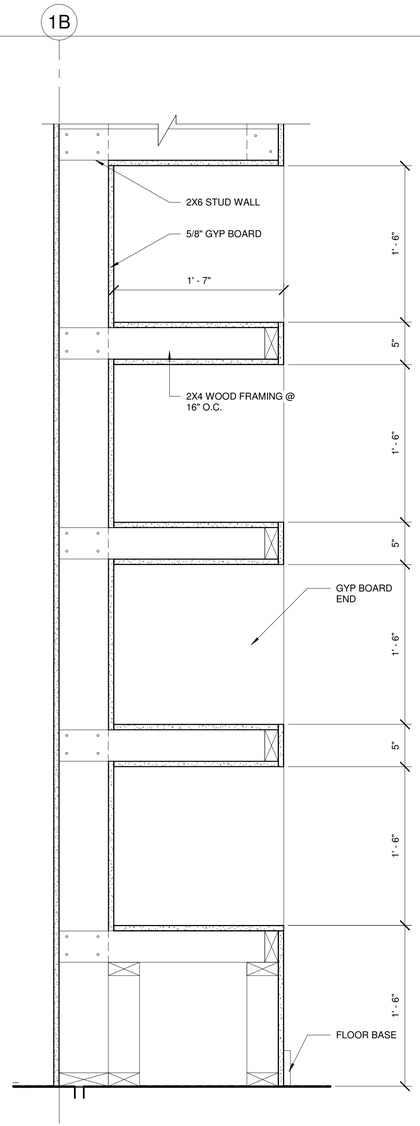
6 WOOD FRAMING DETAIL CEILING
SCALE: 1 1/2" = 1'-0"



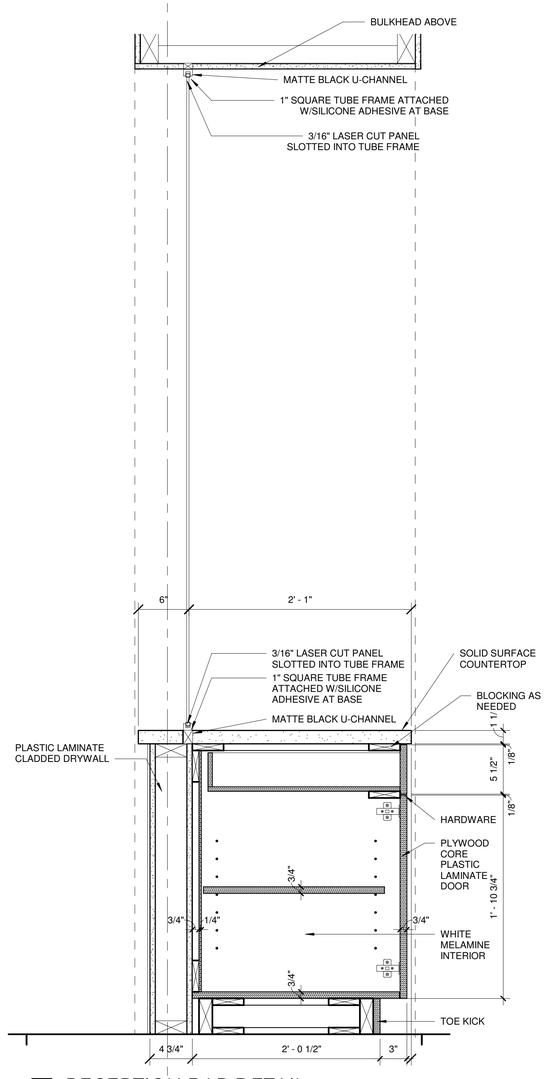
4 CONFERENCE ROOM FLOATING CEILING
SCALE: 1" = 1'-0"



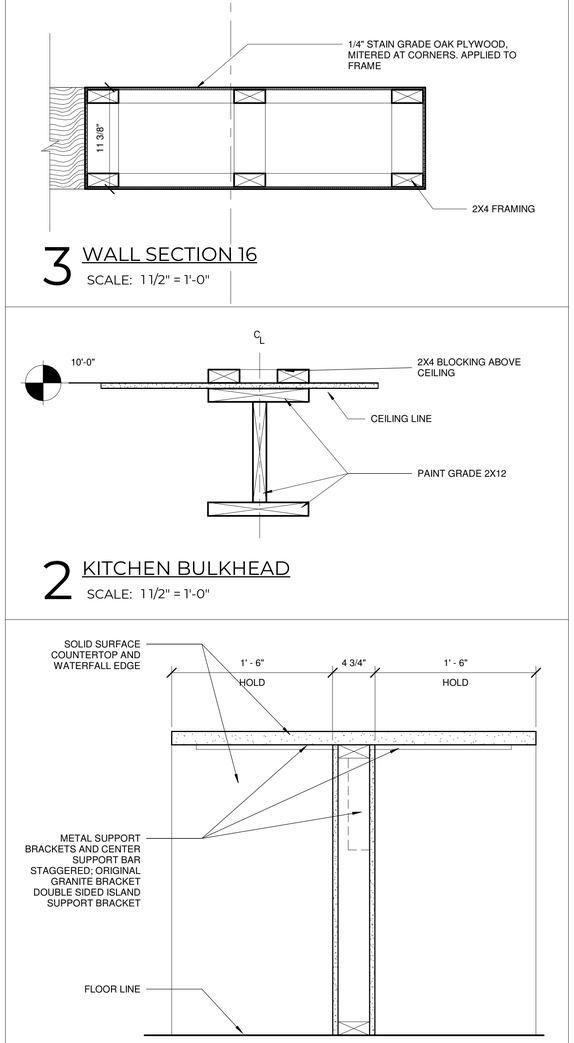
9 METAL SCREEN FRAME
SCALE: 1 1/2" = 1'-0"



7 THEATER ROOM DETAIL
SCALE: 1 1/2" = 1'-0"



5 RECEPTION BAR DETAIL
SCALE: 1 1/2" = 1'-0"



3 WALL SECTION 16
SCALE: 1 1/2" = 1'-0"

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

1 PARSONS TABLE SECTION
SCALE: 1 1/2" = 1'-0"

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ARCHITECT
6/14/24

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CHECKED BY:	RB, JS

#	DATE	REVISION SCHEDULE DESCRIPTION
-	06/14/2024	PRELIMINARY PRICING SET PERMIT SET

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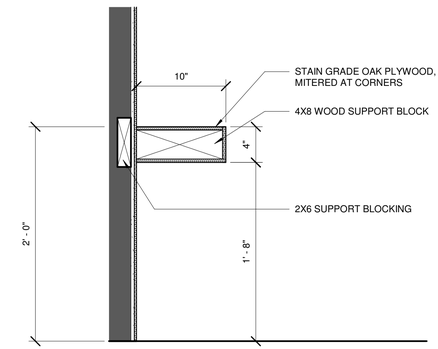
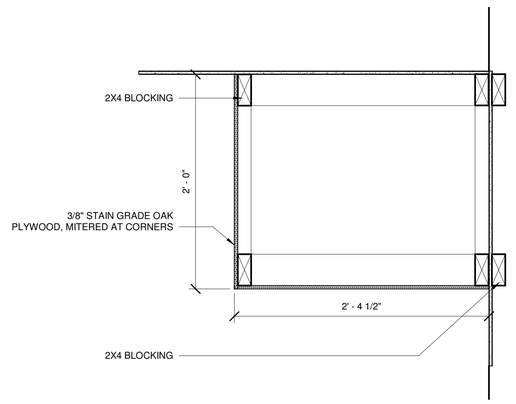
INTERIOR SECTIONS/DETAILS

CH-A652



2 FLOATING HEARTH

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



1 WOOD CEILING BULKHEAD

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

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INTERIOR SECTIONS/DETAILS

CH-A653

WALL FINISH SCHEDULE

MARK	MANUFACTURER	STYLE	COLOR	NUMBER	INSTALL METHOD	CONTACT NAME	CONTACT EMAIL	COMMENTS
ACOUSTIC PANEL								
AP-1	MOMENTUM TEXTILES	BENGAL SOLID COLOR	CRISP WHITE	09575707	STRAIGHT VERTICAL	MISTY CHANDLER	MCHANDLER@MOMTEX.COM	
AP-2	WOLF GORDON	BOUQUET	SUNLIGHT	BOQT	MONOLITHIC	NATALIE KNEZEVIC	NATALIE.KNEZEVIC@WOLFGORDON.COM	
AP-3	MOMENTUM TEXTILES	BENGAL SOLID COLOR	CAMEL	09575773	STRAIGHT VERTICAL	MISTY CHANDLER	MCHANDLER@MOMTEX.COM	
AP-4	MOMENTUM TEXTILES	NUFELT	FEATHER	PTNF-16	N/A	MISTY CHANDLER	MCHANDLER@MOMTEX.COM	
GREEN WALL								
GW-1	VERTICALLY GREEN	VISTAFOLIA ARTIFICIAL GREEN WALL PANEL	LUSH GREEN TEXTURE BOX	N/A	BY MANUFACTURER'S INSTRUCTIONS	MARK PEDERSEN	MARK@VERTICALLYGREEN.COM	
PAINT								
P-1	SHERWIN WILLIAMS	EGGSHELL	ORIGAMI WHITE	SW 7636	N/A	N/A	N/A	GENERAL PAINT
P-2	SHERWIN WILLIAMS	SEMI-GLOSS	TRICORN BLACK	SW 6258	N/A	N/A	N/A	TRIM PAINT; EGGSHELL STYLE WHEN APPLIED TO WALLS
P-3	SHERWIN WILLIAMS	EGGSHELL	WATERY	SW 6478	N/A	N/A	N/A	ACCENT PAINT
P-4	SHERWIN WILLIAMS	EGGSHELL	RAYO DE SOL	SW 9020	N/A	N/A	N/A	ACCENT PAINT; FLAT STYLE ON CEILING APPLICATION
P-5	SHERWIN WILLIAMS	EGGSHELL	FRAMBOISE	SW 6566	N/A	N/A	N/A	ACCENT PAINT; FLAT STYLE ON CEILING APPLICATION
P-6	SHERWIN WILLIAMS	EGGSHELL	GEORGIAN BAY	SW 6509	N/A	N/A	N/A	ACCENT PAINT; FLAT STYLE ON CEILING APPLICATION
STAIN								
ST-1	MINWAX OR EQUAL	STAIN GRADE OAK	N/A					MILLWORKER TO MATCH STAIN OF T-1
WALL TILE								
WT-1	TILEBAR	DEXTER	WHITE	N/A	RANDOM, MONOLITHIC	DEE RUNDELL	DRUNDELL@TILEBAR.COM	USE CUSTOM BUILDING PRODUCTS GROUT; CHARCOAL #60
WT-2	TILEBAR	ENCAUSTIC	TAU NERO	N/A	MONOLITHIC	DEE RUNDELL	DRUNDELL@TILEBAR.COM	USE CUSTOM BUILDING PRODUCTS GROUT; CHARCOAL #60
WT-3	WOW DESIGN	HAMMER DECOR - GLOSS	AQUA	129177 (W38)	VERTICAL STACKED RANDOM, MONOLITHIC	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; GRAYSTONE #542
WT-4	WOW DESIGN	ROOTS S - GLOSS	TURQUES	128207 (W34)	MONLITHIC	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; SHADOW #644
WT-5	WOW DESIGNS	FEZ- GLOSS	MUSTARD	114732 (W21)	STACKED MONOLITHIC	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; LINEN #122
WT-6	AUDREY LANE	PAWSH PUPS	N/A	N/A	ALIGN FACES, MONOLTHIC	ERIKA THOMAS	ERIKA@AUDREYLANE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; CHARCOAL #60
WALLCOVERING								
WC-1	MOMENTUM TEXTILES	HEIRLOOM	BLUE LAGOON	2VHE-15	N/A	MISTY CHANDLER	MCHANDLER@MOMTEX.COM	
WC-2	DROP IT MODERN	UNTAMED	STONE	N/A	N/A	N/A	N/A	MATTE TYPE II VINYL
WC-3	MOMENTUM TEXTILES	ARTIST PROOF	BLACK ON IVORY	2TAP-03	N/A	MISTY CHANDLER	MCHANDLER@MOMTEX.COM	
WC-4	DROP IT MODERN	MAGMA	EMERALD	N/A	N/A	N/A	N/A	MATTE TYPE II VINYL
WC-5	HD WALLS	CHRYSANTHEMUM	CHALK	HDW-CHRYSANTHEMUM-03	N/A	N/A	N/A	
WOOD VENEER								
WD-1	NA	STAIN GRADE OAK	1/4" PLYWOOD	N/A	VERTICAL WOOD GRAIN	N/A	N/A	ALL WOOD TO BE STAINED ST-1 TO MATCH T-1, MITER AT CORNERS

MILLWORK FINISH SCHEDULE

MARK	MANUFACTURER	STYLE	COLOR	NUMBER	INSTALL METHOD	CONTACT NAME	CONTACT EMAIL	COMMENTS
METAL SCREEN								
MS-1	MOZ DESIGNS	CASCADE	BLACK MATTE	CUSTOM SIZE; SEE ELEVATION	VERTICAL	AMY FEHRIBACH	AMY@WMBAKERCO.COM	LASER DESIGN PROVIDED BY DESIGNER, CONTACT REP FOR QUOTATION
MS-2	MOZ DESIGNS	CASCADE	BLACK MATTE	CUSTOM SIZE; SEE ELEVATION	VERTICAL	AMY FEHRIBACH	AMY@WMBAKERCO.COM	LASER DESIGN PROVIDED BY DESIGNER, CONTACT REP FOR QUOTATION
METAL TRIM								
MT-1	METAL TRIM	TILE TO DRYWALL	MATTE BLACK	N/A	N/A	N/A	N/A	SCHLUTER SCHIENE OR EQUAL
MT-2	METAL TRIM	COVE TILE BASE	MATTE BLACK	N/A	N/A	N/A	N/A	SCHLUTER OR EQUAL
PLASTIC LAMINATE								
PL-1	FORMICA	STANDARD	PECAN WOODLINE	5883	VERTICAL WOOD GRAIN	COLIN ANDERSON	COLIN.ANDERSON@FORMICA.COM	
PL-2	MATERIALS-INC	N/A	ARIA VISION CONCRETE	D.MBT.100.	N/A	KYLE GRIGGS	KYLE@MATERIALS-INC.COM	
PL-3	FORMICA	STANDARD GLOSS	LIQUID GLASS	8240-90	N/A	COLIN ANDERSON	COLIN.ANDERSON@FORMICA.COM	
PL-4	WILSONART	CASUAL RUSTIC FINISH WITH AEON	WESTERN WHITE PINE	Y0693K-16	VERTICAL WOOD GRAIN	LUKE BASKETT	LUKEBASKETT@LUMBERMENS-INC.COM	
SOLID SURFACE								
SS-1	CAMRBIA	POLISHED	FIELDSTONE	N/A	3 CM	LUKE BASKETT	LUKEBASKETT@LUMBERMENS-INC.COM	
SS-2	CAMBRIA	POLISHED	FOGGY CITY	N/A	3 CM	LUKE BASKETT	LUKEBASKETT@LUMBERMENS-INC.COM	
SS-3	CAMBRIA	POLISHED	HUNTLEY	N/A	3 CM	LUKE BASKETT	LUKEBASKETT@LUMBERMENS-INC.COM	
STAIN								
ST-1	MINWAX OR EQUAL	STAIN GRADE OAK	N/A					MILLWORKER TO MATCH STAIN OF T-1

FLOOR FINISH SCHEDULE

MARK	MANUFACTURER	STYLE	COLOR	NUMBER	INSTALL METHOD	CONTACT NAME	CONTACT EMAIL	COMMENTS
TF-1	SYN LAWN	PLAY PREMIUM	FIELD GREEN	ST343_PLAY	N/A	N/A	N/A	
CARPET								
CPT-1	FLOR BY INTERFACE	STEP BY STEP	BLACK	N/A	QUARTERTURN	JAE PARK	JAE.PARK@INTERFACE.COM	USE FLOR DOTS TO ATTACH TO FLOOR
CPT-2	FLOR BY INTERFACE	SAVILE ROW	TITANIUM	N/A	QUARTERTURN	JAE PARK	JAE.PARK@INTERFACE.COM	USE FLOR DOTS TO ATTACH TO FLOOR
CPT-3	FLOR BY INTERFACE	TWIN PALMS	BLACK	N/A	QUARTERTURN	JAE PARK	JAE.PARK@INTERFACE.COM	USE FLOR DOTS TO ATTACH TO FLOOR
CPT-4	FLOR BY INTERFACE	MARSTON	BLACK/BONE	N/A	QUARTERTURN	JAE PARK	JAE.PARK@INTERFACE.COM	USE FLOR DOTS TO ATTACH TO FLOOR
CPT-5	SHAW CONTRACT	WELCOME II TILE 24X24	CHARCOAL	31549	MONOLITHIC	JASON HAYES	JASON.HAYES@SHAWCONTRACT.COM	
CONCRETE								
CON-1	N/A	SEALED	NATURAL	N/A	CLEAR COAT	N/A	N/A	
LUXURY VINYL TILE								
LVT-1	SHAW CONTRACT	INLET II	VALLEY	72103	ASHLAR	JASON HAYES	JASON.HAYES@SHAWCONTRACT.COM	
STAIN								
ST-1	MINWAX OR EQUAL	STAIN GRADE OAK	N/A					MILLWORKER TO MATCH STAIN OF T-1
TILE								
T-1	WOW DESIGN	DIAMOND	WOOD MID	118701 (W25)	DIAMOND PATTERN	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; WALNUT #541
T-2	WOW DESIGN	DIAMOND MATT	PURE WHITE	117391 (W25)	DIAMOND PATTERN	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; WALNUT #541
T-3	WOW DESIGNS	DIAMOND MATT	TEAL	117394 (W25)	DIAMOND PATTERN	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; WALNUT #541
T-4	CROSSVILLE	NEST 8X36	MINDFUL OAK	AV354.10836UPS	1/3 ASHLAR	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; WALNUT #541
T-5	ATLAS CONCORDE	BOOST 23X23	TARMAC	A2TP	MONOLITHIC	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; CHARCOAL #60
T-6	ATLAS CONCORDE	PRISM 47X47	FOG	A4OK	MONOLITHIC	JOSH FESMIRE	JFESMIRE@LOUTILE.COM	USE CUSTOM BUILDING PRODUCTS GROUT; TRUFFLE #540
WOVEN VINYL								
WV-1	BOLON	TRULY #5 SQUARE TILE	I SEE YOU	113625	RANDOM	KATIE HANCHETT	KH@FOLIO-SOURCE.COM	
WV-2	BOLON	NOW SQUARE TILE	TITANIUM	108343	RANDOM	KATIE HANCHETT	KH@FOLIO-SOURCE.COM	
WV-3	BOLON	NOW SQUARE TILE	CHAMPANGE	102817	RANDOM	KATIE HANCHETT	KH@FOLIO-SOURCE.COM	

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STATE OF MISSOURI
JAMES DARIN CLAXTON
NUMBER A-2015000590
ARCHITECT
6/14/24

MD PROJECT #:	24097
DRAWN BY:	CR
CHECKED BY:	RB, JS
PRELIMINARY PRICING SET	- -
PERMIT SET	06/14/2024

#	DATE	REVISION SCHEDULE DESCRIPTION

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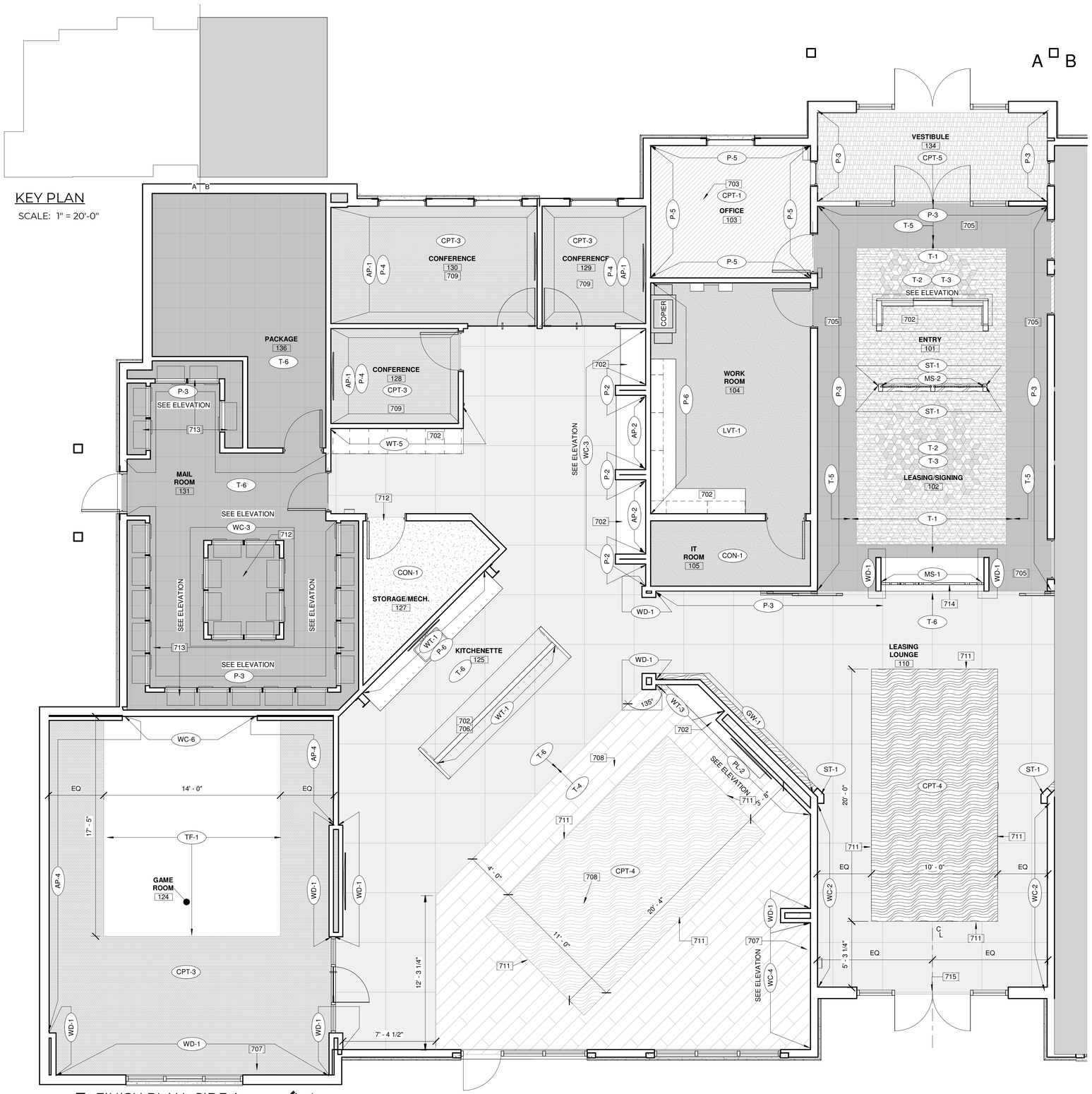
INTERIOR ROOM FINISH SCHEDULE

CH-A700



1 FINISH PLAN- SIDE A

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

INTERIOR FINISH LEGEND

CPT-1	T-1	T-5
CPT-2	T-2	T-6
CPT-3	T-3	WV-1
CPT-4	T-4	WV-2
LVT-1		WV-3

GENERAL INTERIOR FINISH PLAN NOTES

A. ALL WALLS TO BE PAINTED P-1, UNLESS NOTED OTHERWISE.
B. ALL TRIM AND DOOR FRAMES TO BE PAINTED P-2, UNLESS NOTED OTHERWISE.
C. ALL DOORS TO BE STAINED ST-1, UNLESS NOTED OTHERWISE.
D. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS INSPECTED AND ACCEPTED THE SUBSTRATE FOR RECEIVING THE WORK. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, UNKNOWN CONDITIONS OR UNSATISFACTORY SUBSTRATE ONCE THE FINISH WORK HAS PROCEEDED.
E. USE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
F. FLOORING CONTRACTOR TO PROVIDE SEAMING DIAGRAM FOR CARPET LAYOUT FOR DESIGNER'S APPROVAL PRIOR TO INSTALLATION.
G. CONTRACTOR TO IMMEDIATELY NOTIFY DESIGNER IF A SPECIFIED FINISH ITEM BECOMES UNAVAILABLE.
H. CONTRACTOR TO SUBMIT SHOP DRAWINGS SHOWING TRANSITION LOCATIONS FOR DESIGNER'S APPROVAL.
I. PAINT ALL GRILLES, FIRE EXTINGUISHER CABINETS, ETC., TO MATCH SURFACE ON WHICH THEY OCCUR.
J. USE METAL TRANSITION STRIPS WHERE TILE MEETS CARPET. (CONTRACTOR TO SUBMIT COLOR SAMPLES TO DESIGNER FOR APPROVAL.) CENTER TRANSITION STRIP UNDER CENTERLINE OF DOOR OR CENTERLINE OF OPENING, WHICHEVER APPLIES. TRANSITIONS TO BE STAINLESS STEEL.
K. CENTER ALL APPLICABLE CARPET LINES UNDER CENTERLINE OF DOOR (WHILE IN CLOSED POSITION).

GENERAL MILLWORK NOTES

A. ALL WOODWORK/MILL WORK SHALL CONFORM TO THE QUALITY STANDARDS OF ARCHITECTURAL WOODWORK INSTITUTE (AWI) PREMIUM GRADE. FABRICATOR SHALL BE FAMILIAR WITH AWI STANDARDS.
B. FABRICATE WOODWORK/MILLWORK ITEMS TO ACTUAL FIELD DIMENSIONS. CONTRACTOR(S) SHALL SUBMIT, FOR DESIGNER'S APPROVAL, SHOP DRAWINGS, SAMPLES, OR MANUFACTURER'S LITERATURE FOR ALL ITEMS. SHOP DRAWINGS SHALL SHOW SUFFICIENT DETAIL TO DETERMINE COMPLIANCE WITH QUALITY STANDARDS AND DESIGN INTENT.
C. PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR WOODWORK AND FINISH ITEMS. COORDINATE LOCATION OF BLOCKING WITHIN PARTITIONS FOR ITEMS TO BE SECURED TO SURFACE. ALL FASTENERS SHALL BE CONCEALED.
D. ALL MILLWORK HARDWARE TO BE HDW-1 UNLESS NOTED OTHERWISE.

FINISH KEYNOTES

702 CONTINUE FLOORING UNDER CASEWORK IN THIS LOCAITON.
703 ACCENT PAINT IN THIS LOCATION TO BE PAINTED 8'-6" A.F.F. TO CEILING LINE
705 2 FULL TILE BORDER IN THIS LOCATION
706 3" MITERED EDGE COUNTERTOP WATERFALLED TO FLOOR IN THIS LOCATION.
707 INSTALL WALL BASE AFTER FURNITURE INSTALLATION IN THIS LOCATION
708 FLOORING TO BE INSTALLED TO MATCH DESIGNATED ANGLE IN THIS LOCATION
709 AP-1 TO BE INSTALLED ABOVE WALL BASE IN THIS LOCATION, FINISH WITH 1X2 TRIM PAINTED P-4 AND PAINT P-4 ABOVE ON ALL EXPOSED DRYWALL
711 SCHLUTER TRANSITION IN THIS LOCATION; STAINLESS STEEL FINISH FINISH.
712 STAIN GRADE OAK TOP CAP STAINED ST-1 TO FINISH PARTIAL HEIGHT DRYWALL IN THIS LOCATION
713 1X2 FLAT STOCK TRIM STAINED ST-1 TO SEPARATE P-3 AND P-2 IN THIS LOCATION, SEE ELEVATION FOR HEIGHT DETAILS.
714 PLASTIC LAMINATE PANEL TO FINISH EXPOSED CABINETRY BACK, PL-3
715 CENTER TWO FULL TILES AT THIS STARTING POINT

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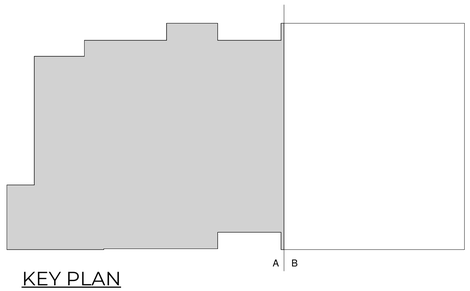
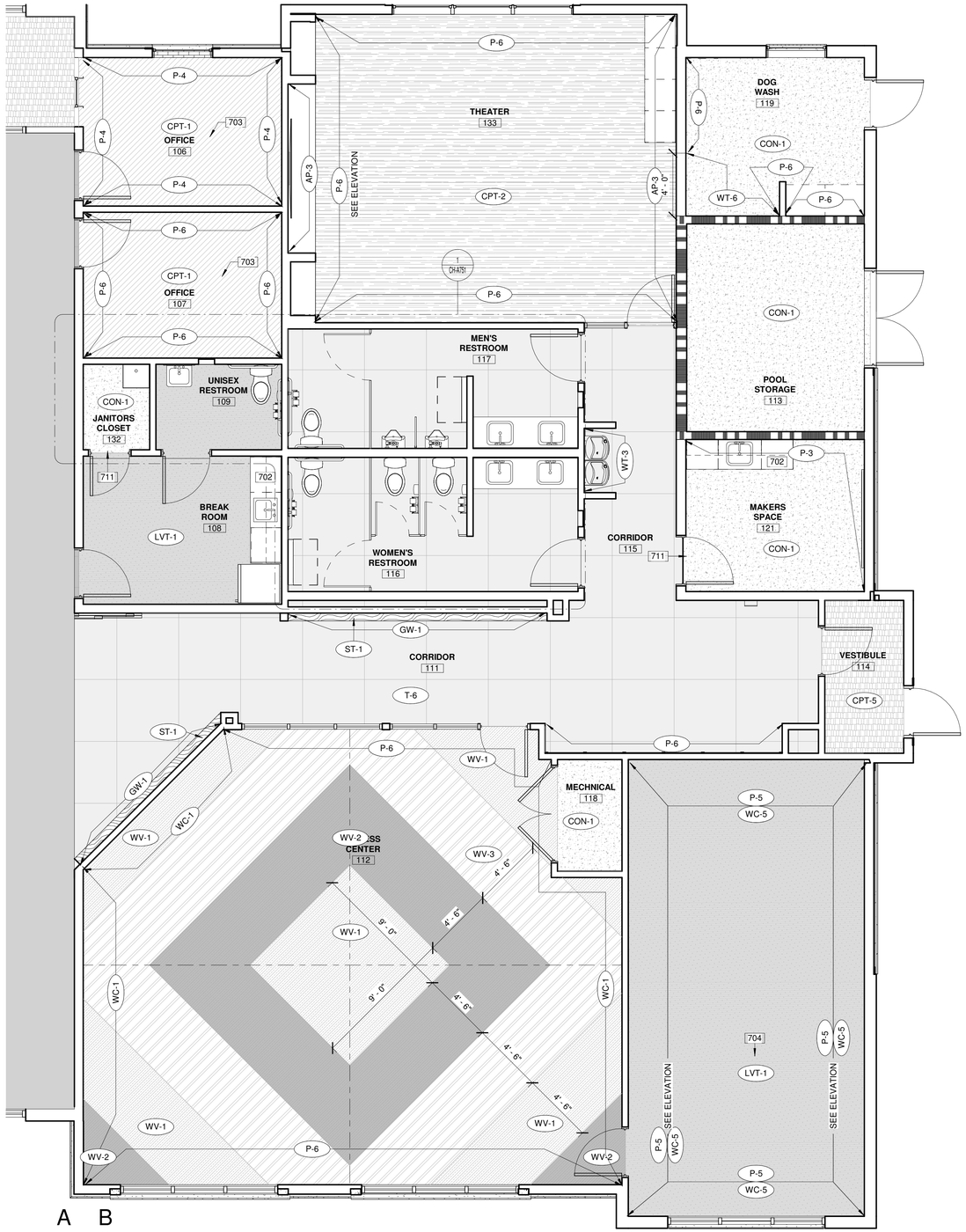
INTERIOR FINISH PLAN- SIDE A

CH-A701



KEY PLAN

SCALE: 1" = 20'-0"



1 FINISH PLAN- SIDE B

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

INTERIOR FINISH LEGEND

CPT-1	T-1	T-5
CPT-2	T-2	T-6
CPT-3	T-3	WV-1
CPT-4	T-4	WV-2
LVT-1		WV-3

GENERAL INTERIOR FINISH PLAN NOTES

A. ALL WALLS TO BE PAINTED P-1, UNLESS NOTED OTHERWISE.
B. ALL TRIM AND DOOR FRAMES TO BE PAINTED P-2, UNLESS NOTED OTHERWISE.
C. ALL DOORS TO BE STAINED ST-1, UNLESS NOTED OTHERWISE.
D. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS INSPECTED AND ACCEPTED THE SUBSTRATE FOR RECEIVING THE WORK. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, UNKNOWN CONDITIONS OR UNSATISFACTORY SUBSTRATE ONCE THE FINISH WORK HAS PROCEEDED.
E. USE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
F. FLOORING CONTRACTOR TO PROVIDE SEAMING DIAGRAM FOR CARPET LAYOUT FOR DESIGNER'S APPROVAL PRIOR TO INSTALLATION.
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H. CONTRACTOR TO SUBMIT SHOP DRAWINGS SHOWING TRANSITION LOCATIONS FOR DESIGNER'S APPROVAL.
I. PAINT ALL GRILLES, FIRE EXTINGUISHER CABINETS, ETC., TO MATCH SURFACE ON WHICH THEY OCCUR.
J. USE METAL TRANSITION STRIPS WHERE TILE MEETS CARPET. (CONTRACTOR TO SUBMIT COLOR SAMPLES TO DESIGNER FOR APPROVAL.) CENTER TRANSITION STRIP UNDER CENTERLINE OF DOOR OR CENTERLINE OF OPENING, WHICHEVER APPLIES. TRANSITIONS TO BE STAINLESS STEEL.
K. CENTER ALL APPLICABLE CARPET LINES UNDER CENTERLINE OF DOOR (WHILE IN CLOSED POSITION).

GENERAL MILLWORK NOTES

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C. PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR WOODWORK AND FINISH ITEMS. COORDINATE LOCATION OF BLOCKING WITHIN PARTITIONS FOR ITEMS TO BE SECURED TO SURFACE. ALL FASTENERS SHALL BE CONCEALED.
D. ALL MILLWORK HARDWARE TO BE HDW-1 UNLESS NOTED OTHERWISE.

FINISH KEYNOTES

702 CONTINUE FLOORING UNDER CASEWORK IN THIS LOCAITON.
703 ACCENT PAINT IN THIS LOCATION TO BE PAINTED 8'-6" A.F.F. TO CEILING LINE
704 1X2 FLAT STOCK TRIM TO BORDER ROOM IN THIS LOCATION AT 8'-6" A.F.F., PAINT P-5 BELOW TRIM AND APPLY WC-5 ABOVE TRIM ON ALL WALLS. SEE ELEVATION FOR DETAILS
711 SCHLUTER TRANSITION IN THIS LOCATION; STAINLESS STEEL FINISH FINISH.

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REGISTERED ARCHITECT
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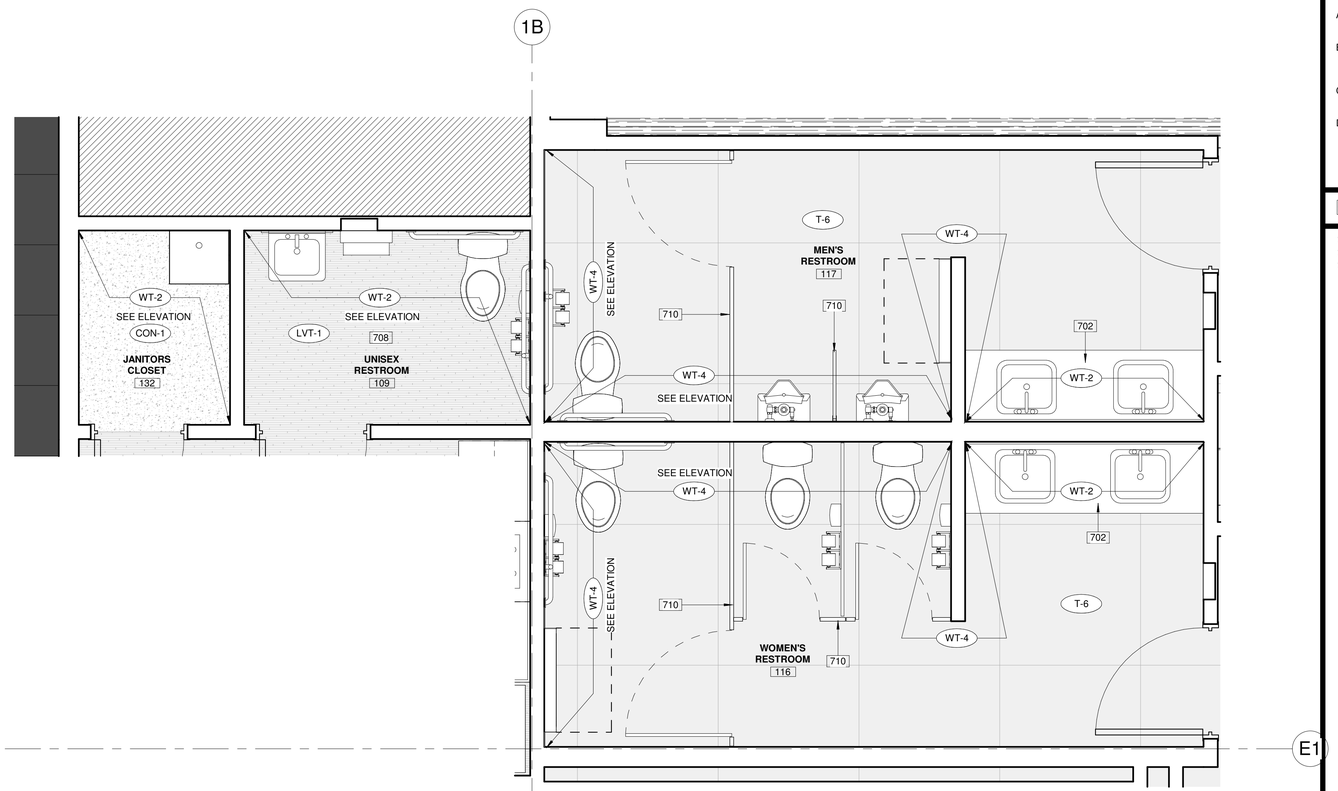
INTERIOR FINISH PLAN- SIDE B

CH-A702



1 ENLARGED RESTROOM FINISH PLAN

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

INTERIOR FINISH LEGEND

CPT-1	T-1	T-5
CPT-2	T-2	T-6
CPT-3	T-3	WV-1
CPT-4	T-4	WV-2
LVT-1		WV-3

GENERAL INTERIOR FINISH PLAN NOTES

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B. ALL TRIM AND DOOR FRAMES TO BE PAINTED P-2, UNLESS NOTED OTHERWISE.
C. ALL DOORS TO BE STAINED ST-1, UNLESS NOTED OTHERWISE.
D. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS INSPECTED AND ACCEPTED THE SUBSTRATE FOR RECEIVING THE WORK. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, UNKNOWN CONDITIONS OR UNSATISFACTORY SUBSTRATE ONCE THE FINISH WORK HAS PROCEEDED.
E. USE MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
F. FLOORING CONTRACTOR TO PROVIDE SEAMING DIAGRAM FOR CARPET LAYOUT FOR DESIGNER'S APPROVAL PRIOR TO INSTALLATION.
G. CONTRACTOR TO IMMEDIATELY NOTIFY DESIGNER IF A SPECIFIED FINISH ITEM BECOMES UNAVAILABLE.
H. CONTRACTOR TO SUBMIT SHOP DRAWINGS SHOWING TRANSITION LOCATIONS FOR DESIGNER'S APPROVAL.
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D. ALL MILLWORK HARDWARE TO BE HDW-1 UNLESS NOTED OTHERWISE.

FINISH KEYNOTES

702 CONTINUE FLOORING UNDER CASEWORK IN THIS LOCAITON.
708 FLOORING TO BE INSTALLED TO MATCH DESIGNATED ANGLE IN THIS LOCATION
710 RESTROOM PARTITIONS TO BE CLAD IN PL-4.

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ENLARGED FINISH PLANS

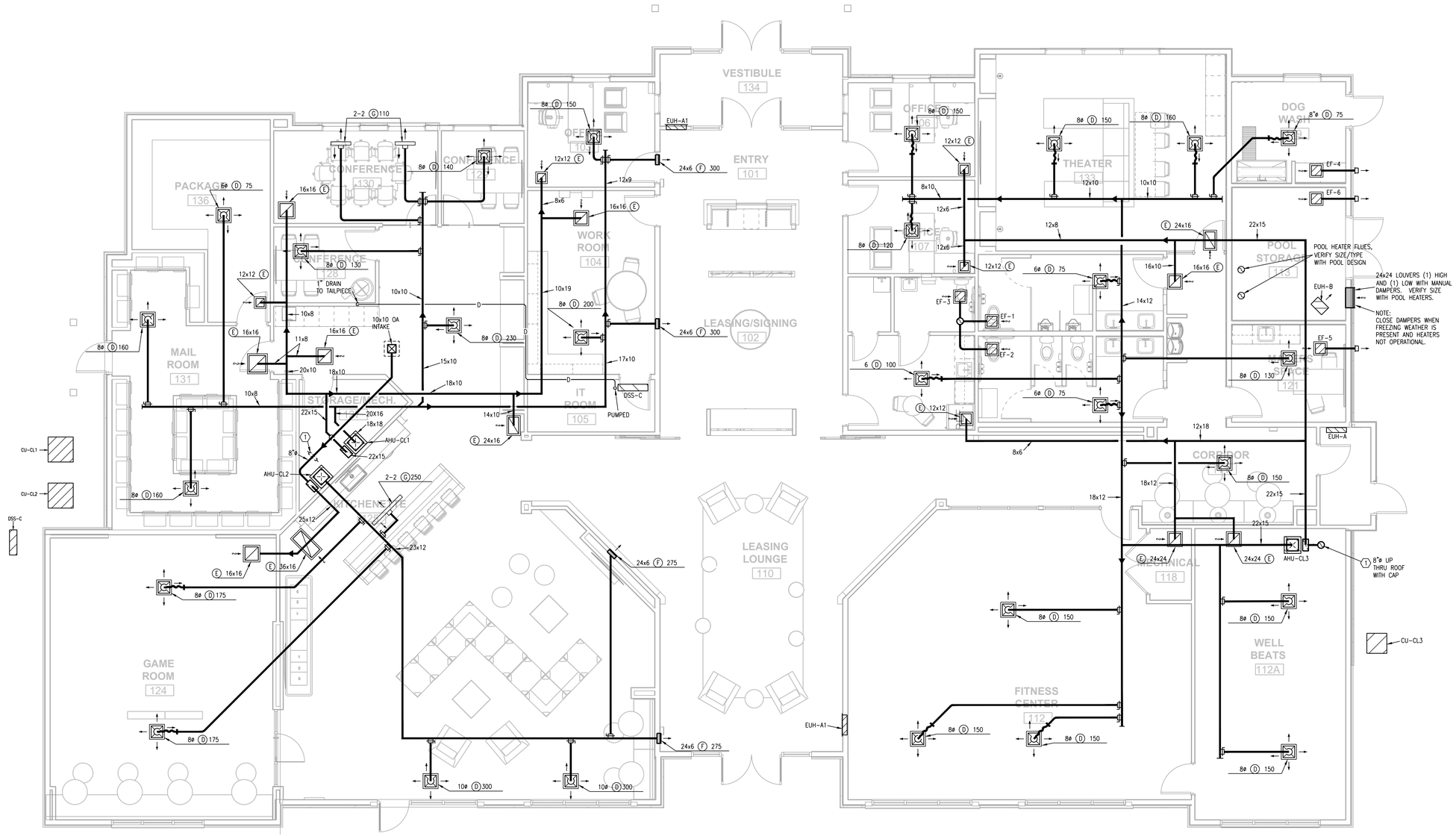
CH-A751

NOTES:

1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE IN EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
4. ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
5. FLEXIBLE DUCT LENGTHS SHALL BE SUPPORTED AT 4' O.C. MIN AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.
6. MOUNT OUTDOOR CONDENSING UNITS ON 3 1/2" CONCRETE PRE-FABRICATED PADS. SEAL ALL DX/CONDUIT PENETRATIONS WATERTIGHT.
7. ROUTE AHU CONDENSATE DRAINS TO FLOOR DRAINS.

LEGEND:

(1) TO AUTO DAMPER AND BALANCING DAMPER, CONNECT TO RA.



1 CLUBHOUSE PLAN

3/16"=1'-0" HVAC

NORTH

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LSA PROJECT NO. 2404033

EVREN APARTMENTS

NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
RICHARD BEARD
NUMBER PE-2006020555
PROFESSIONAL ENGINEER

5-31-2024

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY	-
PRICING SET	-
PERMIT SET	5/31/2024

REVISION SCHEDULE		
#	DATE	DESCRIPTION

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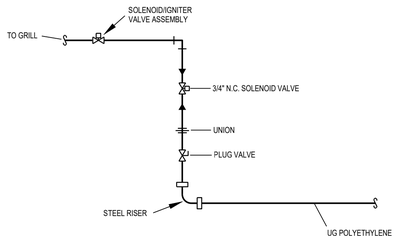
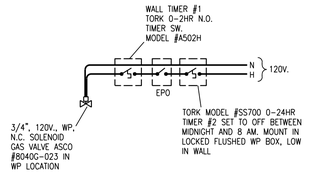
CLUBHOUSE PLAN - HVAC

M101

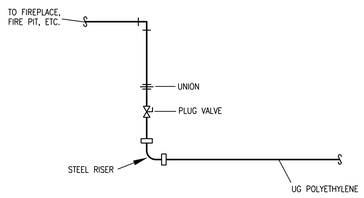


PIPING SCHEMATIC



CONTROL SCHEMATIC

1 GAS CONTROL DETAIL
NO SCALE (GRILL)



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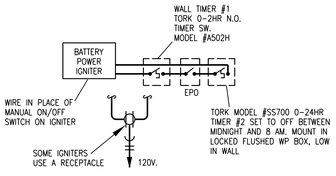
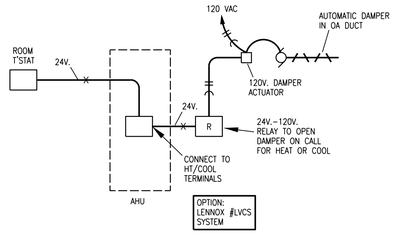
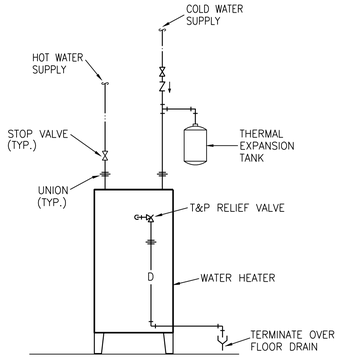


CONTROL SCHEMATIC

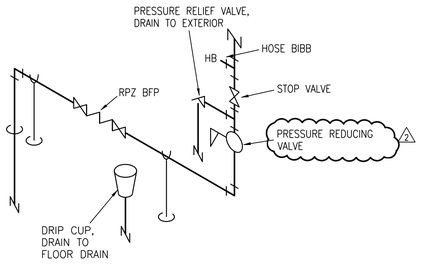
2 GAS CONTROL DETAIL
NO SCALE (FIRE PIT)



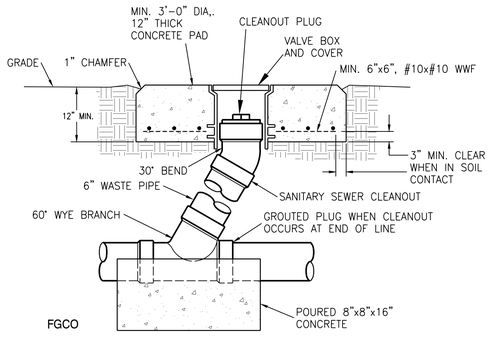
3 OUTSIDE AIR DAMPER CONTROL SCHEMATIC
NO SCALE



4 ELECTRIC WATER HEATER DETAIL
NO SCALE



5 DOMESTIC WATER RISER
NO SCALE



6 FLUSH GRADE CLEANOUT DETAIL
NO SCALE

MECHANICAL SYMBOLS LEGEND

P-1	WATER CLOSET & TYPE (TYP. FOR ALL PLUMBING FIXTURES)		FLEXIBLE PIPE CONNECTION
	WASTE LINE ABOVE EARTH (W.)		MANUAL DAMPER
	WASTE LINE IN EARTH (W.)		BACKDRAFT DAMPER
CO	CLEAN OUT		AUTOMATIC DAMPER
FFCO	FLUSH FLOOR CLEAN OUT		FIRE DAMPER
FGCO	FLUSH GRADE CLEAN OUT		FIRE/SMOKE DAMPER
2" 1 FD	FLOOR DRAIN AND TYPE		SMOKE DAMPER
RD	ROOF DRAIN	6x6 A 80	GRILLE, REGISTER OR DIFFUSER, SIZE, TYPE & CFM
ORD	OVERFLOW DRAIN		VOLUME EXTRACTOR AND TURNING VANES
2" 1 RD	ROOF DRAIN AND TYPE		RETURN, EXHAUST OR FRESH AIR DUCT SECTION UP & DOWN
	VENT LINE (V.)		SUPPLY AIR DUCT SECTION UP AND DOWN
	DOMESTIC COLD WATER SUPPLY (DCW)		FLEXIBLE DUCT CONNECTION
	DOMESTIC HOT WATER SUPPLY (DHW)		ROUND OR RECTANGULAR DUCT
	DOMESTIC HOT WATER RETURN (DHWR)		FLEXIBLE DUCT
HB/36"	HOSE BIBB AND MOUNTING HEIGHT		THERMOSTAT
WH	WALL HYDRANT	L	REFRIGERANT LIQUID
F	FIRE LINE/STANDPIPE	S	REFRIGERANT SUCTION
D	DRAIN LINE	AD	ACCESS DOOR
G	NATURAL GAS LINE	AFF	ABOVE FINISHED FLOOR
	RISE & DROP IN PIPE WITH CUT-OFF VALVE	EA	EXHAUST AIR
	REDUCER	OA	OUTSIDE AIR
	CHECK VALVE	RA	RETURN AIR
	STOP VALVE	SA	SUPPLY AIR
	BALANCING VALVE/AUTOFLOW VALVE	VBS	VENT BELOW SLAB
	PLUG VALVE	VTR	VENT THRU ROOF
	2-WAY CONTROL VALVE OR SOLENOID VALVE		CONNECT NEW TO EXISTING
	3-WAY CONTROL VALVE OR SOLENOID VALVE		LOCKABLE GUARD
	PRESSURE REDUCING VALVE	VFD	VARIABLE FREQUENCY DRIVE
	STRAINER		
	UNION		

NOTES: ALL SYMBOLS SHOWN ABOVE MAY NOT APPEAR ON PLANS. REFER TO ELECTRICAL SYMBOLS LEGEND FOR ELECTRICAL SYMBOLS THAT MAY BE SHOWN ON MECHANICAL PLANS.

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MECHANICAL DETAILS

MP101

R:\2024\24-Rn-3\architecture (BIM)\Clubhouse Team\Clubhouse-24MEP101.CAD(MP101 2D).dwg, MP101, 1/9/2025 4:11:44 PM, AIA Full Bleed D (36.00 x 24.00 Inches), 1:1

PLUMBING FIXTURE SCHEDULE

Mark	Item	Model	Description	Individual Connections				Accessories					
				W	V	CW	HW	Supplies	Stops	Carrier	P-Trap	Drain	Other
P-1P	Water Closet, Tank Type	Profio #1201WH with PF1400T	Floor-mounted standard height white vitreous china elongated bowl 1.6 gpf gravity type with Fluidmaster 400A flush mechanicsm and bolt covers. Provide solid plastic open front elongated white seat with integral bumpers, external check hinges with stainle	3" or 4"	2"	1"		2					
P-1HP	Accessible Water Closet, Tank Type	Profio #1201WH with PF1400T	Floor-mounted ADA height white vitreous china elongated bowl 1.6 gpf gravity type with Fluidmaster 400A flush mechanicsm and bolt covers. Provide solid plastic open front elongated black seat with integral bumpers, external check hinges with stainless st	3" or 4"	2"	1"		2					
P-2P	Accessible Lavatory, Countertop	Kohler K-2882 with Delta Bowery	20" x 17" vitreous china countertop lavatory with overflow. Faucet is 4" o.c. single lever ADA handle, copper waterways, chrome finish, 1.5 GPM.	2"	1 1/2" or 2"	1/2"	1/2"	2, 4	1		1	1	1
P-2W	Lavatory, Wall-Hung	Kohler 2035-8-0 with Delta Bowery	20" x 18" vitreous china with high backsplash, overflow. Faucet is 4" o.c. single lever ADA handle, copper waterways, brushed nickel finish, 1.5 GPM.	2"	1 1/2" or 2"	1/2"	1/2"	2, 4	1	1	1	1	
P-4DM	Maker Space Sink	Kohler K-3894 with Delta 9193-PN-DST	Stainless steel under-mount 20 ga.dual bowl 25" X 22" X 6 5/16". Single handle faucet.	2"	2"	1/2"	1/2"	1	1		2	2	
P-4HD	Accessible Kitchen Sink	Elkay ELUHAD311855 with Delta 9193-PN-DST	Stainless steel under-mount 20 ga.dual bowl 33" x 22" x 6" deep with back outlet. Single handle faucet with pull-out sprayer. ISE Badger 1 disposer with cord/plug. Install per ADA clearnaces.	2"	2"	1/2"	1/2"	1	1		2	2	
P-4B	Break room sink	Kohler K-3894 with Elkay LK7921SSS	Stainless steel under-mount 20 ga.dual bowl 25" X 22" X 6 5/16". Single handle faucet.	2"	2"	1/2"	1/2"	1	1		2	2	
P-6	Water Outlet Box	Guy Gray #BIM877QTS	Recessed non-metallic with two angle quarter turn stops.			1/2"		1					
P-7	Urinal	Kohler K-4991-ER/Sloan Royal #8186	White vitreous china wall hung with 3/4" top spud, 1.0 gallon siphon jet flushing action. Mount rim per Architectural elevation. Flush valve to be 3/4" battery operated no-touch piston type with activation button.	2"	2"	3/4"				3			
P-8	Janitor's Sink	Grainger #63CM with #8230	24" x 24" x 10" white molded stone with stainless steel integral drain, chrome plated brass wall mounted faucet with VB, integral stops, adjustable wall brace, pail hook, 3/4" hose threaded spout.	2" or 3"	2"	1/2"	1/2"				2		2
P-11	Dog Wash	Flying Pig	ADA Walk Thru 24" D X 58" W.	3"	2"	1/2"	1/2"				2		
P-13	Dual Height Drinking Fountain/Bottle Filler	Elkay EZH20 LZSTL8WSVRLK	ADA compliant dual height electric water cooler/bottle filler. Barrier free water cooler with two bubbler stations and bottle filling station providing 8 GPM of 50 degree water at 90 degree ambient. Front and side pushbars, filter, ADA compliant, lead f	2"	2"	1/2"		1	1		2		1
P-14	Exterior Shower	Symmons #4-420/4-151	Metering shut-off shower valve in chrome with fixed institutional showerhead.			1/2"					2		
P-15	Exterior Drinking Fountain	Elkay #EHWM14FPK	Wall-mooounted freeze-resistant fountain constructed of #14ga polished SS. Contoured front, front button, vandal-resistant			1/2"		5					

Supplies
1 - Flexible braided stainless steel
2 - Flexible braided compression hose.
3 - Sloan Royal #186-1 auto flush valve
4 - Flexible braided compression hose with thermostatic mixing valve per ASSE 1070
5 - Exterior application, provide drain-sown capability and post placard in equipment room to drain during freezing temperatures.

Stops
1 - Angle handle compression

Carrier
1 - Steel tube floor-mounted in-wall carrier with arms

P-Trap
1 - PVC with deep escutcheon
2 - PVC
3 - deep seal PVC trap and 30" standpipe.

Drain
1 - Metal pop-up with tailpiece
2 - Basket strainers in finish to match faucet, tailpiece.

Other
1 - Provide trap and supply guard if exposed.
2 - Hose and bracket, mop hanger and hose rack, wall guards.

DRAIN SCHEDULE

MARK	APPLICATION	MFGR	MODEL	BODY MAT'L	DEPTH	GRATE MAT'L	GRATE SHAPE	ACCESSORIES
FD-1	FLOOR	ZURN	ZN-415S	COATED CAST IRON	3"	NICKEL BRONZE	6" ROUND	1
FD-2	FLOOR	ZURN	Z-811-S	COATED CAST IRON	6"	COATED CAST IRON	9" SQUARE	1, 3

ACCESSORIES:
1 - DEEP TRAP, ADJUSTABLE GRATE
2 - ACID-RESISTANT COATING
3 - INTERNAL STRAINER
4 - SLOPED TO END , MEDIUM DUTY GRATE
5 - 2" DAM FOR OVERFLOW SERVICE
6 - SEDIMENT BUCKET

WATER HEATER SCHEDULE

MARK	MFGR	MODEL	FUEL	VOLTAGE/PH/AMPS	INPUT	EFFICIENCY/PF	GALLONS STORAGE	GPH RECOVERY @ 80° RISE	FLUE TYPE	NOTES
WH- CL1	A.O. SMITH	ELJC-10	ELEC	120/1/12.5	1.5KW		10	8	N/A	1, 2, 3
WH- CL2	A.O. SMITH	ECLN-40	ELEC	208/1/19	4.5 KW	0.92	38	23	N/A	1, 2, 3

NOTES
1- PROVIDE ASME P&T VALVE, DRAIN VALVE, ANODE RODS
2- PROVIDE COMBINATION STOP AND OPERATING PRESSURE RELIEF VALVE
3- LOW TYPE
4 - TALL TYPE

HVAC SYSTEM SCHEDULE

				AHU									OUTDOOR UNIT					
MARK	MFGR	NOM TON	MODEL	CFM	OA CFM	E.S.P.	HP	SMBH	TMBH	HEAT CAP	ELEC	FLA	OCP	MODEL	ELEC	FLA	OCP	SEER	NOTES
UNITS																			
DSS-C	FUJITSU	1.5	ASU18RLF	540	0	0			18	21 MBH	240/1	W/HP		AOU18RXLFW1	240/1	13	25	19	WALL T-STAT, LOW AMB
CL1	GOODMAN	5	ARUF61D14	1990	280	0.4	0.75	41	57.5	15 KW	240/1	60	80	GSX14-0601	240/1	26.3	50	14.0	
CL2	GOODMAN	5	ARUF61D14	1750	250	0.4	0.75	41	57.5	15 KW	240/1	60	80	GSX14-0601	240/1	26.3	50	14.0	
CL3	GOODMAN	5	ASPT61D14AC	1990	300	0.4	0.75	41	57.5	15 KW	240/1	60	80	GSX14-0601	240/1	26.3	50	14.0	SMOKESTAT SHUT DOWN

EXHAUST FAN SCHEDULE

						ELECTRICAL				
MARK	MFGR	MODEL	CFM	ESP	FAN HP	VOLTS/PH	FLA	OCP	WIRING	CONFIGURATION - NOTES
EF-1, 2, 5 Club	GREENHECK	SP-A110	70	0.25	Fr.	120/1	1	15	(3) #12	ceiling, 1, 2
EF-3 Club	GREENHECK	SP-A110	70	0.25	Fr.	120/1	1	15	(3) #12	ceiling, 1, 2
EF-4 Club	GREENHECK	SP-A190	150	0.25	Fr.	120/1	1	15	(3) #12	ceiling, 1, 2
EF-6	GREENHECK	SP-A290	250	0.25	Fr.	120/1	1	15	(3) #12	ceiling, 1, 2

NOTES:
1-CEILING GRILLE
2-BD DAMPER, DS, SPEED CONTROLLER, WALL/ROOF CAP

ELECTRIC UNIT HEATER SCHEDULE

						ELECTRICAL				
MARK	MFGR	MODEL	KW	MBH	CFM	VOLTS/PH	FLA	OCP	WIRING	CONFIGURATION - NOTES
EUH - A	BERKO	FRC-4024F	3.0	10.2	100	208-1	14.4	20	(3) #12	WALL, 1, 4
EUH - B	BERKO	HUH-524TA	2.5	8.5	270	208/1	13.3	20	(3) #12	SUSPENDED, 4, 6

NOTES:
1-SURFACE MOUNTED
2-SEMI-RECESSED
3-FULLY RECESSED
4-DISCONNECT
5-INTEGRAL T'STAT
6-WALL T'STAT

AIR TERMINAL DEVICE SCHEDULE

MARK	MANUFACTURER	MODEL	FINISH	DAMPER	FRAME TYPE	NOTES
D	PRICE	AMD/8/4A/B12	WHITE	NO	GYP. BD.	
E	PRICE	635DAL/L/A/B12	WHITE	YES	GYP. BD.	
F	PRICE	LHP	WHITE	NO	GYP. BD.	
G	PRICE	SDS	WHITE	NO	GYP. BD.	

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PERMIT SET

STATE OF MISSOURI
RICHARD BEAN
NUMBER PE-2009020599
PROFESSIONAL ENGINEER
5-31-2024

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY	- -
PRICING SET	- -
PERMIT SET	5/31/2024

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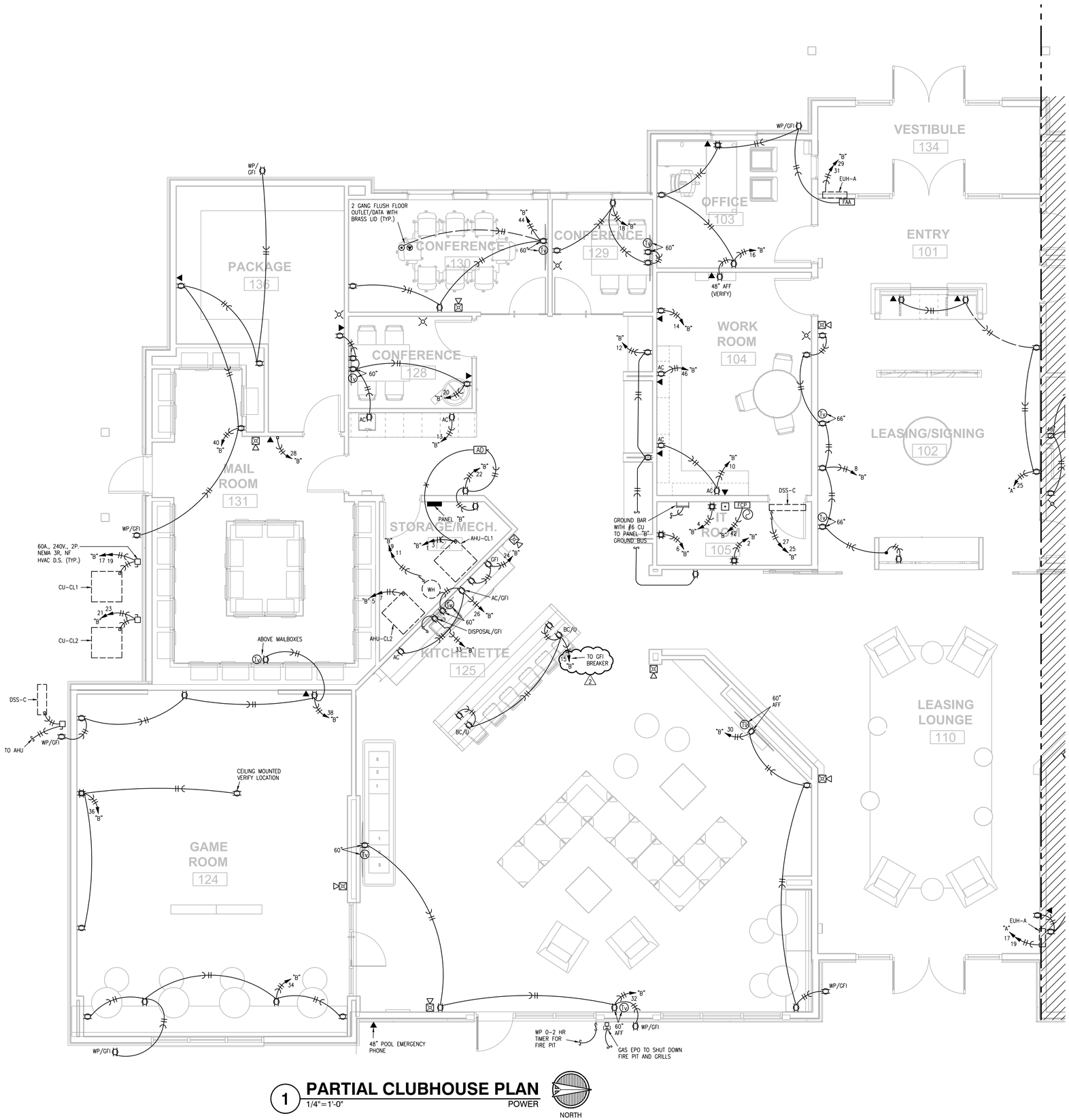
MECHANICAL SCHEDULES

MP102



1 PARTIAL CLUBHOUSE PLAN

1/4"=1'-0" POWER

NORTH

NOTES:
1. PROVIDE NEC CLEARANCE FOR ALL PANELS AND ELECTRICAL EQUIPMENT.
2. FOLLOW THE DRAWINGS FOR HOME RUNS AND CIRCUIT NUMBERS. DO NOT COMBINE CIRCUITS IN LARGER CONDUITS UNLESS PRE-APPROVED BY THE ENGINEER.
3. LABEL ALL JUNCTION BOXES AS TO THE PANEL AND CIRCUIT NUMBER SERVED.
4. PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS SERVED.
5. SEE SHEETS CH-A251, CH-A252 FOR DEVICE MOUNTING HEIGHTS AND LATERAL DIMENSIONS.
6. CONFIRM LOCATION OF FLOOR OUTLETS WITH INTERIOR DESIGNER PRIOR TO INSTALLATION.

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NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI — RICHARD J. BEAUMONT — NUMBER PE-2009020559 — PROFESSIONAL ENGINEER

1/10/2025

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB

PRELIMINARY PRICING SET
PERMIT SET - 5/31/2024

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1	07/08/24	TRACKER REVISION
2	01/10/25	CITY RESPONSE

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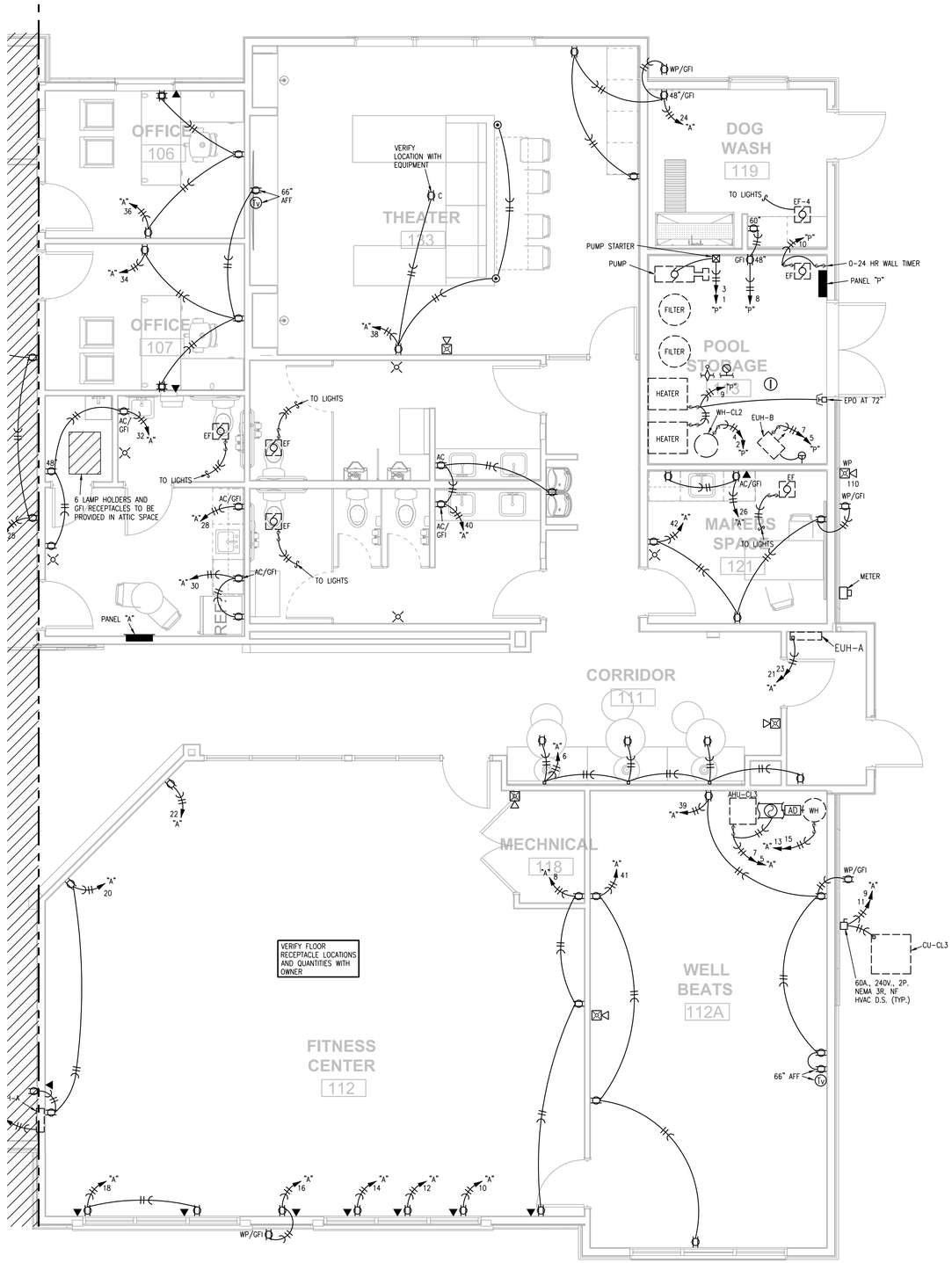
PARTIAL CLUBHOUSE FLOOR PLAN - POWER

E101

R:\2024\24-Rev Boardwalk (BBB)\Design\ Team Clubhouse (24MD3)\01 CAD\101 (S).dwg, E101, 1/9/2025 4:11:44 PM, AIArch Full Sized D (36.00 x 24.00 Inches), 1:1



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1/4"=1'-0" POWER

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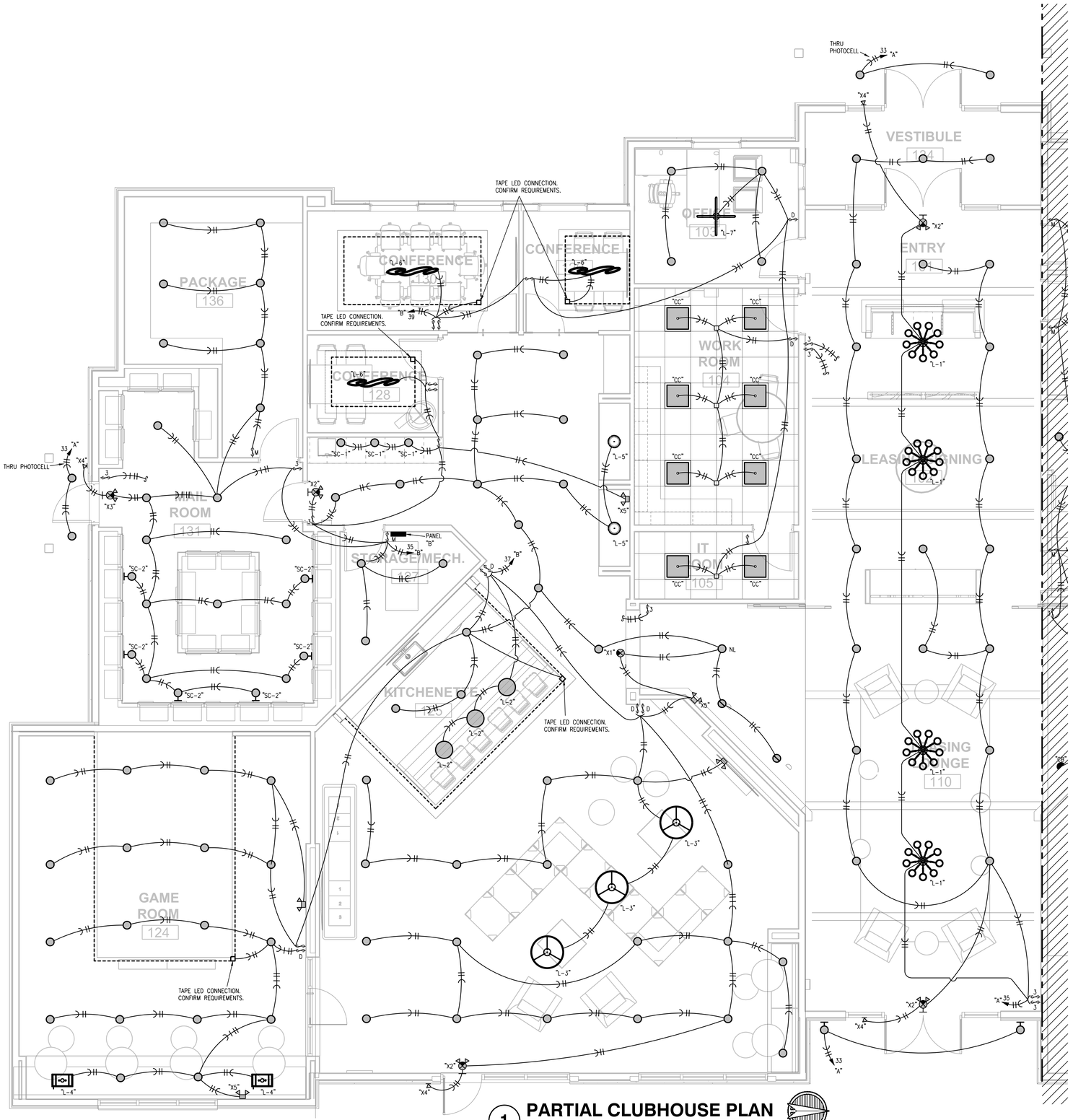
PARTIAL CLUBHOUSE FLOOR PLAN - POWER

E102



1 **PARTIAL CLUBHOUSE PLAN** — LIGHTING
1/4"=1'-0"

NORTH

NOTES:

1. SEE INTERIOR DESIGN PLANS FOR FURTHER WORK AND FIXTURE SPECS.

REFLECTED CEILING PLAN LEGEND

		NOT IN SCOPE
		DENOTES DRYWALL BULKHEAD
		DENOTES 2X2 LIGHT FIXTURE: BEGHELLI PLANEX ECO FLAT PANEL, 3500K
		DENOTES 2X2 GRID/TILE (ACT-1 - SEE A700 FOR SPECIFICATION)
		DENOTES 6" LED SURFACE MOUNT MODULE, RAYON LIGHTING, RJL56, WHITE FINISH
		DENOTES WALL WASH RECESSED CAN; PROGRESS LIGHTING (E26) INTEGRATED RECESSED FIXTURE 6" ADJUSTABLE RECESSED TRIM, MODEL # P800020-028
	L-1	DENOTES DECORATIVE CHANDELIER: TROY LIGHTING, ANDROMEDA CHANDELIER, 42" DIA., 12 LAMP, BLACK AND POLISHED NICKEL FINISH, # F4826-TBK/PN; BOTTOM OF FIXTURE TO BE MOUNTED 10'-6" AFF.
	L-2	DENOTES DECORATIVE PENDANT: VISUAL COMFORT & CO, NIDO LARGE PENDANT, 15" DIA., MIDNIGHT BLACK FINISH, #KP1161MBK. BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
	L-3	DENOTES DECORATIVE PENDANT: WAC LIGHTING, OYSTER PENDANT, 33" DIA., BLACK/CHROME FINISH, #PD41433. BOTTOM OF FIXTURE TO BE MOUNTED 8'-0" AFF.
	L-4	DENOTES DECORATIVE PENDANT: WAC LIGHTING,CAPPE PENDANT, 21" DIA., BLACK FINISH, #PD-17421. BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
	L-5	DENOTES DECORATIVE PENDANT: WAC LIGHTING, KNOT PENDANT, 13" DIA., BLACK FINISH, #PD-27413. BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
	L-6	DENOTES DECORATIVE PENDANT: WAC LIGHTING, SOLO PENDANT, 48" DIA., BLACK FINISH, #PD-19348. BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
	L-7	DENOTES DECORATIVE PENDANT: VISUAL COMFORT & CO, PHOBOS WIDE FLUSH PENDANT, 28" DIA., DARK BRONZE FINISH, #700FMPHB.
	SC-1	DENOTES DECORATIVE WALL SCONCE: VISUAL COMFORT & CO; JONI 16 WALL, MATTE BLACK FINISH, MODEL #700WSJNI. REFER TO ELEVATIONS FOR MOUNTING HEIGHT AND PLACEMENT.
	SC-2	DENOTES DECORATIVE WALL SCONCE: VISUAL COMFORT & CO, GESTURE SCONCE/FLUSH MOUNT, MIDNIGHT BLACK FINISH, #KWL1071MBK. REFER TO ELEVATIONS FOR MOUNTING HEIGHT AND PLACEMENT.
	SC-3	DENOTES DECORATIVE WALL SCONCE: VISUAL COMFORT & CO, PHOBOS 2 LIGHT WALL SCONCE, POLISHED NICKEL FINISH, #00WSPHB . REFER TO ELEVATIONS FOR MOUNTING HEIGHT, ORIENTATION AND PLACEMENT.
		DENOTES TAPE LIGHT; WAC LIGHTING INVISILED PRO 24V TAPE LIGHT SYSTEM; MODEL #: LED-T24-35-3500K-85
	F-1	DENOTES CEILING FAN: VISUAL COMFORT; ROZZEN 52" HUGGER CEILING FAN, MIDNIGHT BLACK FINISH, #3RZHR52MBK. BOTTOM OF FIXTURE TO BE MOUNTED 11'-0" AFF IN "FITNESS CENTER 112", AND FLUSH MOUNTED IN "WELL BEATS 118"

NOTE: ALL LIGHTING AND MECHANICAL ITEMS FOR LOCATION PURPOSES ONLY. REFER TO ENGINEERING DRAWINGS FOR MORE INFORMATION.

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LSA PROJECT NO. 2404033

EVREN APARTMENTS
NEW CONSTRUCTION
EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI
PERMIT SET

STATE OF MISSOURI — RICHARD BEAUMONT — NUMBER PE-2005000599 — PROFESSIONAL ENGINEER

5-31-2024

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB

#	DATE	REVISION SCHEDULE DESCRIPTION
	-	PRELIMINARY PRICING SET
	5/31/2024	PERMIT SET

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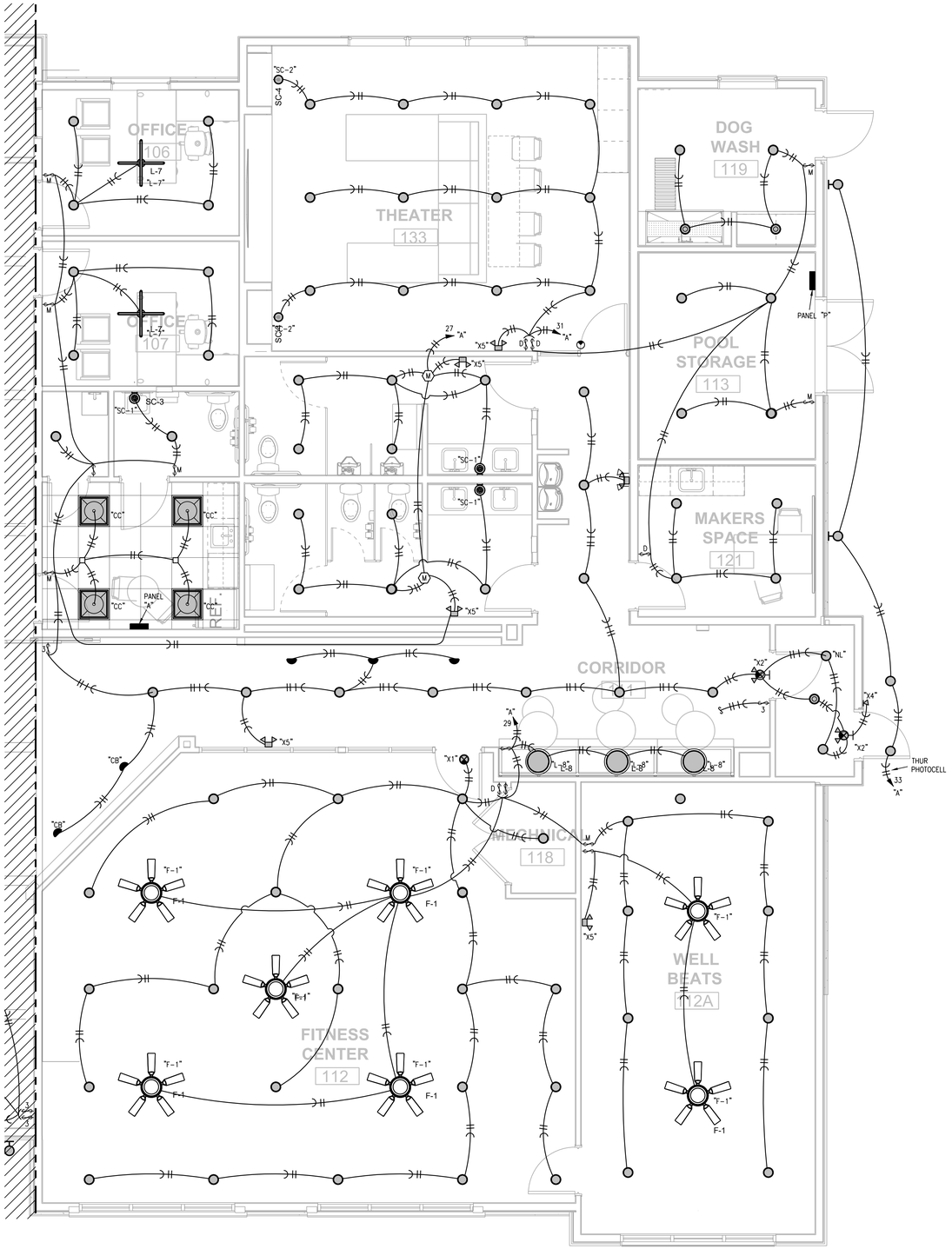
PARTIAL CLUBHOUSE FLOOR PLAN - LIGHTING

E201



1 **PARTIAL CLUBHOUSE PLAN** — LIGHTING
1/4"=1'-0"

NORTH

NOTES:

1. SEE INTERIOR DESIGN PLANS FOR FURTHER WORK AND FIXTURE SPECS.

REFLECTED CEILING PLAN LEGEND

		NOT IN SCOPE
		DENOTES DRYWALL BULKHEAD
		DENOTES 2X2 LIGHT FIXTURE: BEGHELLI PLANEX ECO FLAT PANEL, 3500K
		DENOTES 2X2 GRID/TILE (ACT-1 - SEE A700 FOR SPECIFICATION)
		DENOTES 6" LED SURFACE MOUNT MODULE, RAYON LIGHTING, RJL56, WHITE FINISH
		DENOTES WALL WASH RECESSED CAN; PROGRESS LIGHTING (E26) INTEGRATED RECESSED FIXTURE 6" ADJUSTABLE RECESSED TRIM, MODEL # P800020-028
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		DENOTES TAPE LIGHT; WAC LIGHTING INVISILED PRO 24V TAPE LIGHT SYSTEM; MODEL #: LED-T24-35-3500K-85
	F-1	DENOTES CEILING FAN: VISUAL COMFORT; ROZZEN 52" HUGGER CEILING FAN, MIDNIGHT BLACK FINISH, #3RZHR52MBK. BOTTOM OF FIXTURE TO BE MOUNTED 11'-0" AFF IN "FITNESS CENTER 112", AND FLUSH MOUNTED IN "WELL BEATS 118"

NOTE: ALL LIGHTING AND MECHANICAL ITEMS FOR LOCATION PURPOSES ONLY. REFER TO ENGINEERING DRAWINGS FOR MORE INFORMATION.

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LSA PROJECT NO. 2404033

EVREN APARTMENTS
NEW CONSTRUCTION
EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI — RICHARD R. BEAUDOIN — NUMBER PE-2009020559 — PROFESSIONAL ENGINEER

5-31-2024

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY PRICING SET	- -
PERMIT SET	5/31/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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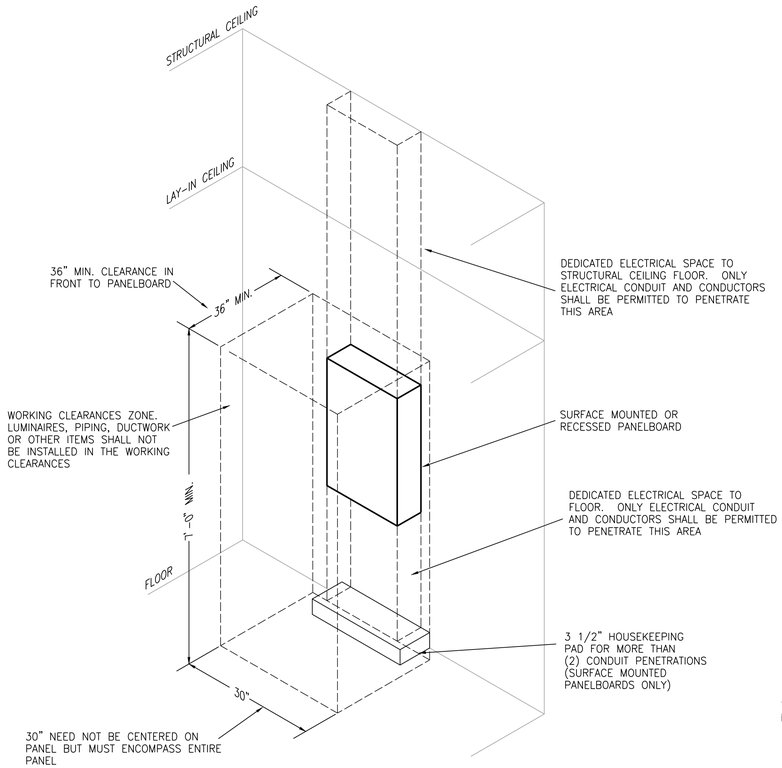
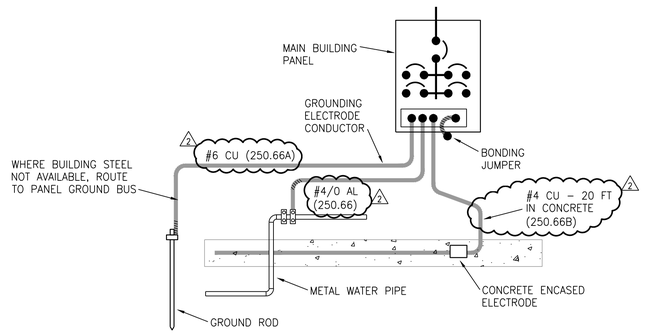
PARTIAL CLUBHOUSE FLOOR PLAN - LIGHTING

E202



NOTE:
COORDINATE ALL WORK WITH OTHER TRADES. MAINTAIN ALL OTHER NEC CLEARANCES AND REQUIREMENTS.

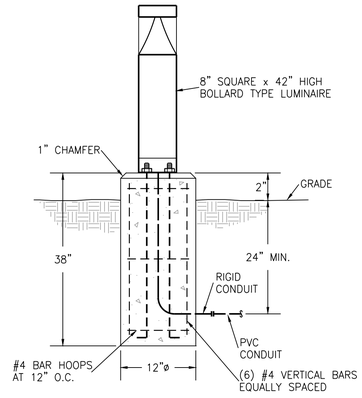
1 TYPICAL PANELBOARD INSTALLATION DETAIL
NO SCALE



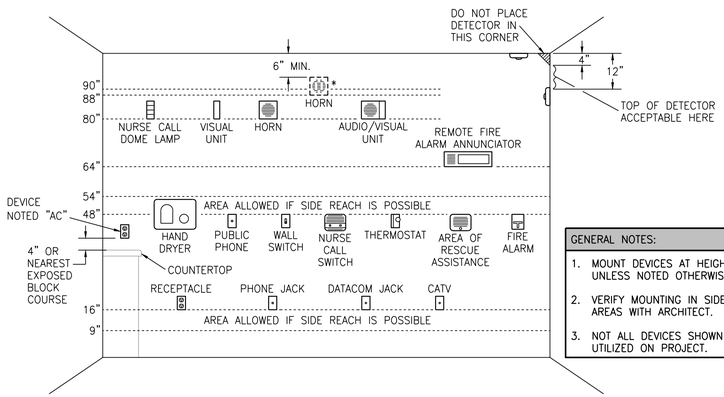
2 GROUNDING ELECTRODE SYSTEM DETAIL
NO SCALE

ELECTRICAL SYMBOLS LEGEND			
	CONDUIT CONCEALED IN CEILING OR WALL	S	SWITCH - SINGLE POLE
	CONDUIT CONCEALED IN FLOOR SLAB	S 3, 4	3-WAY, 4-WAY
	EXPOSED CONDUIT	"A"	LIGHT FIXTURE AND TYPE
	HOMERUN - ARROW INDICATES CKT., LINES INDICATE WIRES		FLUORESCENT LIGHT FIXTURE
	GROUND WIRE		EMERGENCY LIGHT FIXTURE WITH BATTERY PACK
	GROUNDING ROD		FIXTURE ON LIFE SAFETY BRANCH OF EMERGENCY SYSTEM
	SINGLE RECEPTACLE		INCANDESCENT OR H.I.D. LIGHT FIXTURE
	DUPLEX RECEPTACLE (20 AMP UNLESS NOTED)		INCANDESCENT OR H.I.D. LIGHT FIXTURE (WALL MOUNTED)
	FOURPLEX RECEPTACLE		EXIT LIGHT (CEILING OR WALL MOUNTED)
	208 OR 240 VOLT RECEPTACLE (20 AMP UNLESS NOTED)		FLUSH PANELBOARD (LIGHT & RECEPTACLES)
C	CLOCK RECEPTACLE		SURFACE PANELBOARD (LIGHT & RECEPTACLES)
▼	TELE/DATA OUTLET *		DISTRIBUTION PANEL OR SWITCHBOARD
▽	TELE/DATA OUTLET *	AC	DEVICE LOCATED ABOVE COUNTER
	PUSHBUTTON	AFF	ABOVE FINISHED FLOOR
S	CEILING SPEAKER	D	DIMMER
	BELL	E	INDICATES EXISTING DEVICE
	MOTOR	EDF	ELECTRIC DRINKING FOUNTAIN
	FUSIBLE SWITCH (BUSSMAN SSU)	GFI	GROUND FAULT INTERRUPTER
	DISCONNECT SWITCH (D.S.)	NL	NIGHTLIGHT FIXTURE, WIRED HOT
	COMBINATION MOTOR STARTER (CMS)	WP	WEATHERPROOF
R	RELAY		CONNECT NEW TO EXISTING
	JUNCTION BOX		LOCKABLE GUARD
	THERMOSTAT		

NOTES: ALL SYMBOLS SHOWN ABOVE MAY NOT APPEAR ON PLANS. REFER TO MECHANICAL SYMBOLS LEGEND FOR MECHANICAL SYMBOLS THAT MAY BE SHOWN ON ELECTRICAL PLANS. * 4x4 BACKBOX WITH SINGLE GANG PLASTER RING AND A 1 1/4" CONDUIT TO ABOVE ACCESSIBLE CEILING.



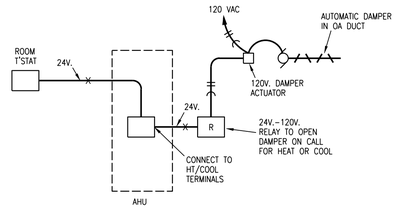
3 BOLLARD TYPE LUMINAIRE DETAIL
NO SCALE



GENERAL NOTES:
1. MOUNT DEVICES AT HEIGHT INDICATED UNLESS NOTED OTHERWISE ON PLANS.
2. VERIFY MOUNTING IN SIDE REACH AREAS WITH ARCHITECT.
3. NOT ALL DEVICES SHOWN MAY BE UTILIZED ON PROJECT.

DEVICE MOUNTING NOTES:
1. VISUAL UNIT DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER (ADA 1993).
2. AUDIO UNIT DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER (ADA 1993). * TOP OF UNIT NOT LESS THAN 90" ABOVE FLOOR AND NOT LESS THAN 6" BELOW CEILING (NFPA) (BOTTOM AT 88" WITH BLOCK COURSES). MOUNT AT NFPA HEIGHT ONLY IF REQUIRED BY LOCAL AHJ.
3. AUDIO/VISUAL UNIT DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER (ADA 1993).
4. PULL STATION HIGHEST OPERABLE PART SHALL NOT BE MORE THAN 48" ABOVE THE FLOOR (FRONT APPROACH) (ADA 1993).

4 ELECTRICAL DEVICE MOUNTING HEIGHTS
NO SCALE



5 OUTSIDE AIR DAMPER CONTROL SCHEMATIC
NO SCALE (TYP. FOR CLUBHOUSE UNITS)

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LSA PROJECT NO. 2404033

EVREN APARTMENTS
NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI — RICHARD BEAM — NUMBER PE-2009020598 — PROFESSIONAL ENGINEER

1/10/2025

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY PRICING SET	- -
PERMIT SET	5/31/2024

#	DATE	REVISION SCHEDULE DESCRIPTION
1	01/10/25	CITY RESPONSE

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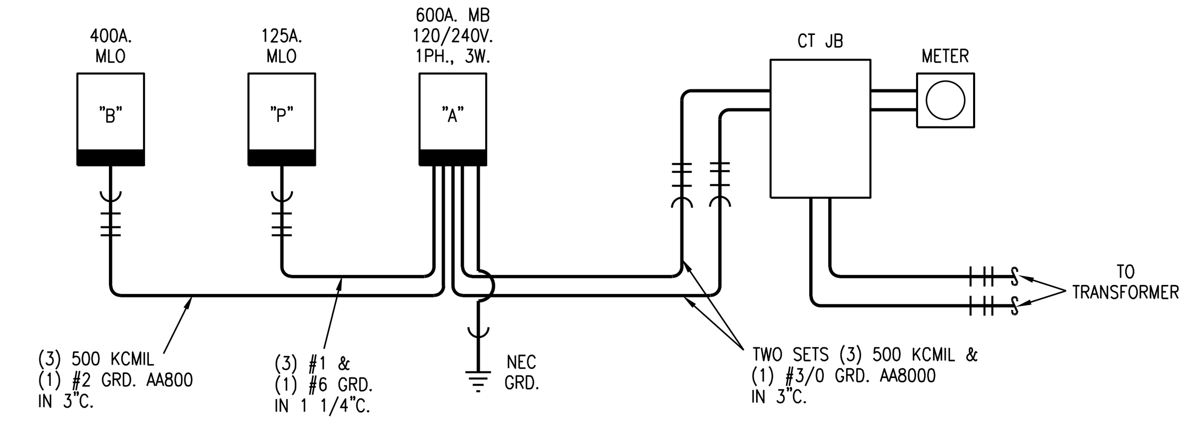
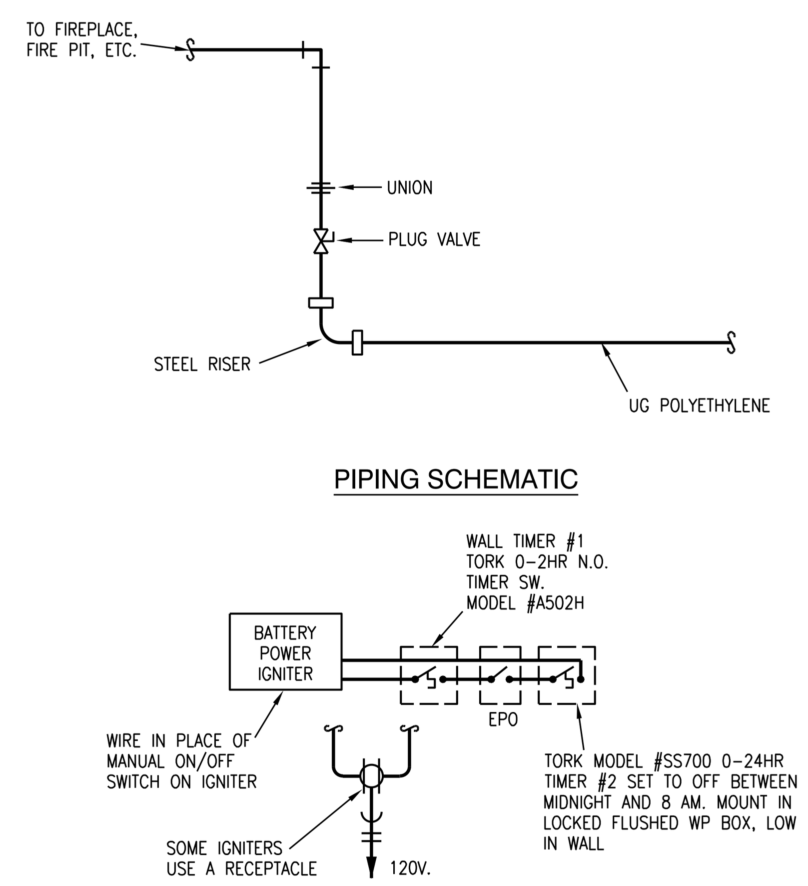
ELECTRICAL DETAILS

E301

R:\2024\24-Rich Beardmore JRB\MD\Clubhouse JRB\MD\Clubhouse 24097.rvt CAD\E301 ELEC DETAILS.dwg, E301, 1/9/2025 4:11:45 PM, AIA Full Scale D (36.00 x 24.00 Inches), 1:1

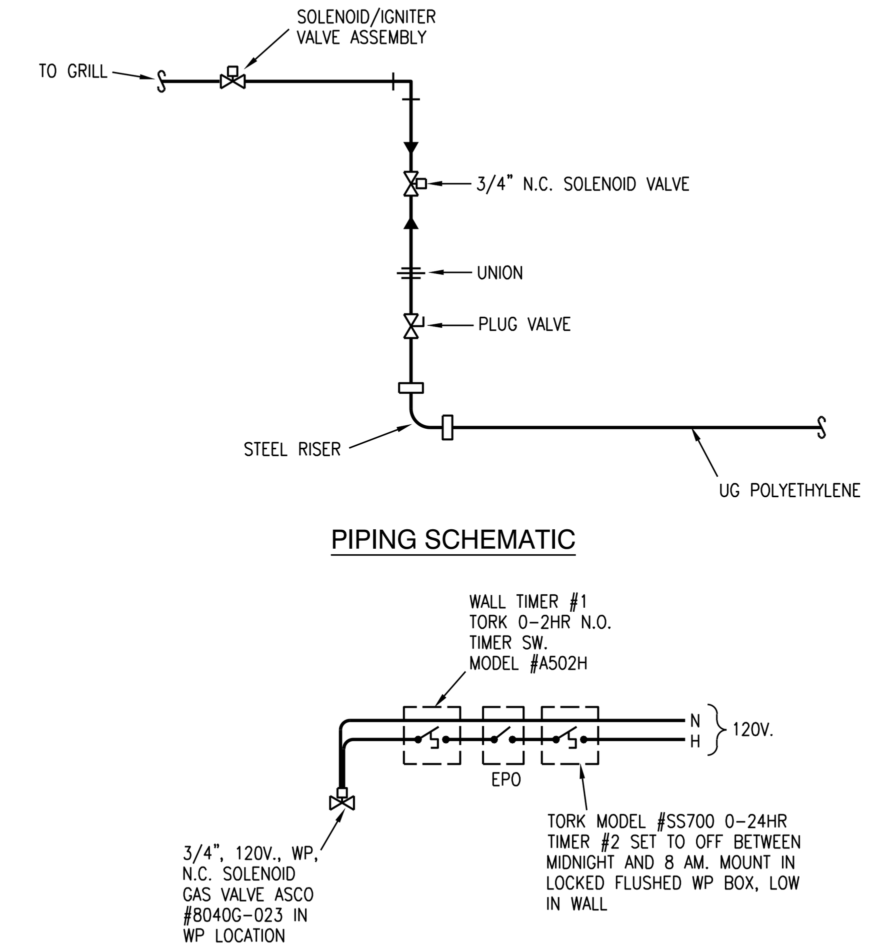


1 ELECTRICAL DISTRIBUTION RISER DIAGRAM
NO SCALE



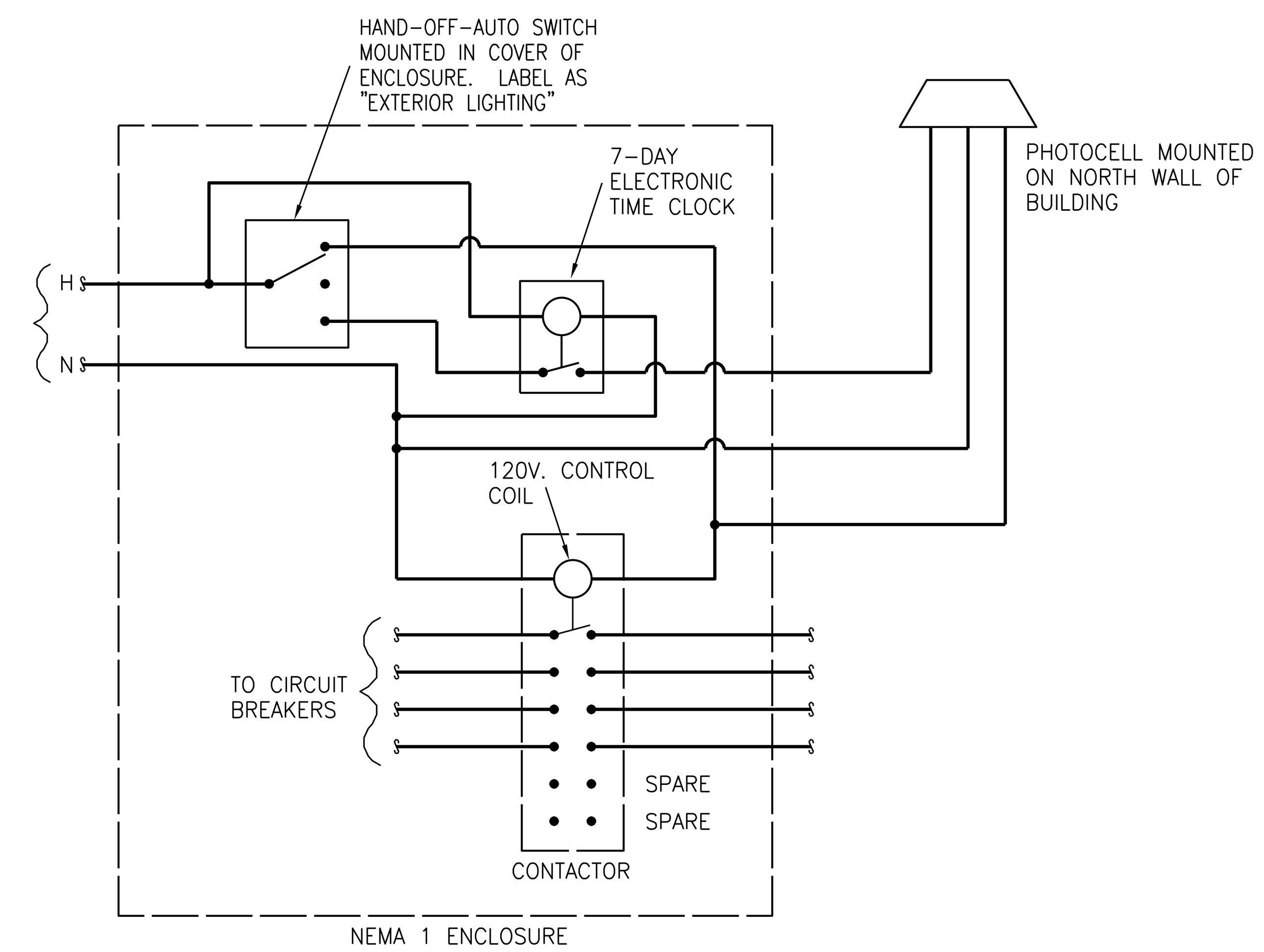
CONTROL SCHEMATIC

2 GAS CONTROL DETAIL
NO SCALE (FIRE PIT)

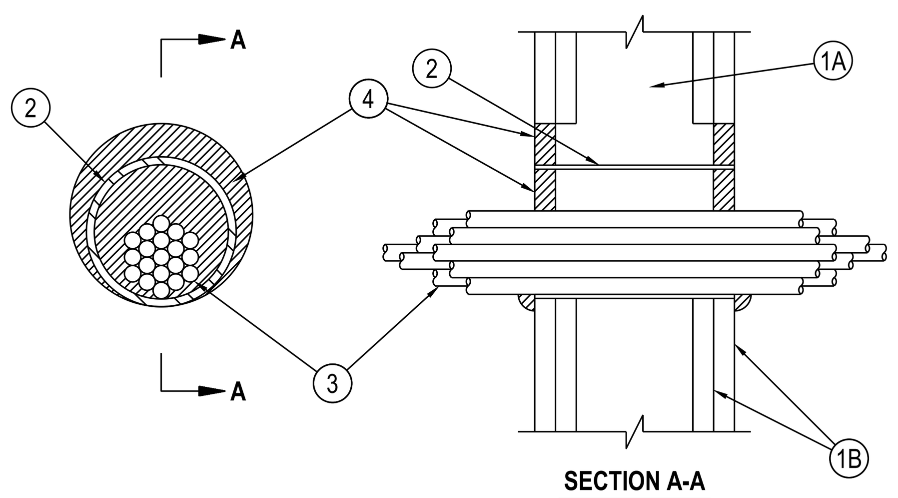


CONTROL SCHEMATIC

3 GAS CONTROL DETAIL
NO SCALE (GRILL)



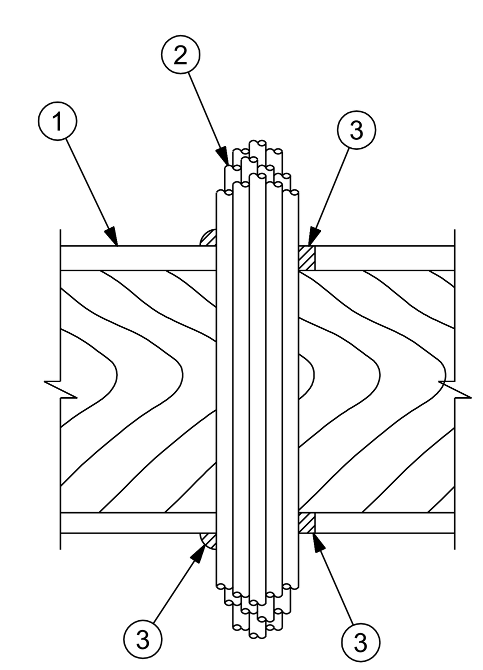
4 EXTERIOR LIGHTING CONTROL PANEL SCHEMATIC
NO SCALE



5 FIRE RATED PENETRATION DETAIL
NO SCALE SYSTEM WL-3065

NOTES AND LEGENDS:

1. 1. Wall Assembly – The 1 or 2 fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs – Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced max 24 in. (610 mm) OC.
   B. Gypsum Board* – Nom 5/8 in. (16 mm) thick gypsum board, with square or tapered edges. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300, U400 or V400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 5-1/2 in. (138 mm) when sleeve (Item 2) is employed. Max diam of opening is 4 in. (102 mm) when sleeve (Item 2) is not employed. The F Rating of the firestop system is equal to the fire rating of the wall assembly.
2. Metallic Sleeve – (Optional) - Nom 4 in. (102 mm) diam (or smaller) steel electrical metallic tubing (EMT) or Schedule 5 (or heavier) steel pipe or min 0.016 in. thick (0.41 mm, NZo. 28 ga) galv steel sleeve installed flush with wall surfaces. The annular space between steel sleeve and periphery of opening shall be min 0 in. (0 mm, point contact) to max 1 in. (25mm). When Schedule 5 steel pipe or EMT is used, sleeve may extend up to 18 in. (457 mm) beyond the wall surfaces.
3. Cables – Aggregate cross-sectional area of cable in opening to be max 45 percent of the cross-sectional area of the opening. The annular space between the cable bundle and the periphery of the opening to be min 0 in. (0 mm, point contact) to max 1 in. (25 mm) Cables to be rigidly supported on both sides of the wall assembly. Any combination of the following types and sizes of copper conductor cables may be used:
   A. Max 7/C No. 12 AWG with polyvinyl chloride (PVC) insulation and jacket.
   B. Max 25 pair No. 24 AWG telephone cable with PVC insulation and jacket.
   C. Type RG/U coaxial cable with polyethylene (PE) insulation and PVC jacket having a max outside diameter of ½ in. (13 mm).
   D. Multiple fiber optical communication cable jacketed with PVC and having a max OD of 5/8 in. (16 mm).
   E. Through Penetrating Products*– Max three copper conductor No. 8 AWG . Metal-Clad Cable+.
   AFC CABLE SYSTEMS INC
   F. Max 3/C (with ground)(or smaller) No. 8 AWG copper conductor cable with PVC insulation and jacketing.
   G. Max 3/4 in. (19 mm) diam copper ground cable with or without a PVC jacket.
   H. Fire Resistive Cables* – Max 1-1/4 in. (32 mm) diam single conductor or multi conductor Type MI cable. A min 1/8 in. (3 mm) separation shall be maintained between MI cables and any other types of cable.
   Through Penetrating Product* – Any cables, Metal-Clad Cable+ or Armored Cable+ currently Classified under the Through Penetrating Products category. See Through Penetrating Product (XHLY) category in the Fire Resistance Directory for names of manufacturers.
4. Fill, Void or Cavity Material*– Sealant or Putty – Fill material applied within the annulus, flush with each end of the steel sleeve or wall surface. Fill material installed symmetrically on both sides of the wall. A min 5/8 in. (16 mm) thickness of sealant is required for the 1 or 2 hr F Rating . An additional 1/2 in. (13 mm) diam bead of fill material shall be applied around the perimeter of sleeve on both sides of the wall when sleeve extends beyond surface of wall.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC – CP601S, CP606, FS-One Sealants or CP618 Putty
   *Bearing the UL Classification Mark
   +Bearing the UL Listing Mark



6 FIRE RATED PENETRATION DETAIL
NO SCALE SYSTEM FC-3074

NOTES AND LEGENDS:

1. 1. Floor-Ceiling Assembly – The 1 hr fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed of the materials and in the manner specified in the individual L500 Series Floor-Ceiling Designs in the UL Fire Resistance Directory. The general construction features of the floor-ceiling assembly are summarized below:
   A. Flooring System – Lumber or plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture* as specified in the individual Floor-Ceiling Design. Max diam of opening shall be 3 in.
   B. Wood Joists* – Nom 10 in. deep (or deeper) lumber, steel or combination lumber and steel joists, trusses or Structural Wood Members* with bridging as required and with ends firestopped.
   C. Gypsum Board* – Nom 4 ft wide by 5/8 in. thick as specified in the individual Floor-Ceiling Design. Gypsum board secured to wood joists or furring channels as specified in the individual Floor-Ceiling Design.

1A. Chase Wall – (Optional, Not Shown) – The through penetrants (Item 2) may be routed through a 1 hr fire rated single, double or staggered wood stud/gypsum board chase wall. Depth of chase wall stud cavity to be min 1/2 in. greater than diameter of opening cut in sole and top plates to accommodate the through penetrant (Item 2). The chase wall shall be constructed of the materials and in the manner specified in the individual U300 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs – Nom 2 by 4 in., 2 by 6 in. or double nom 2 by 4 in. lumber studs.
   B. Sole Plate – Nom 2 by 4 in., 2 by 6 in. or parallel 2 by 4 in. lumber plates, tightly butted. Max diam of opening is 3 in.
   C. Top Plate – The double top plate shall consist of two nom 2 by 4 in., two nom 2 by 6 in. or two sets of parallel 2 by 4 in. lumber plates, tightly butted. Max diam of opening is 3 in.
   D. Gypsum Board* – Thickness, type, number of layers and fasteners shall be as specified in the individual Wall and Partition Design.

2. Cables – Aggregate cross-sectional area of cable in opening to be max 50 percent of the cross-sectional area of the opening. The annular space between the cable bundle and the periphery of the opening to be min 0 in. (point contact) to max 1 in. Cables to be rigidly supported on both sides of the floor-ceiling assembly. Any combination of the following types and sizes of copper conductor cables may be used:
   A. Max 150 pair No. 24 AWG telephone cable with PVC insulation and jacket.
   B. Max 2/C No. 10 with ground Type NM nonmetallic sheathed (Romex) cable with PVC insulation and jacket.
   C. Max 3/C with ground 2/0 AWG aluminum SER cable with PVC insulation and jacket.
   D. Max 3/C No. 10 AWG copper conductor steel clad cable.
   E. Max 24 fiber optic cable.
   F. RG 59U coaxial cable.
   G. CAT 5 data cable.

3. Fill, Void or Cavity Materials*-Sealant – Min 3/4 in. thickness of sealant applied within the annulus flush with the top surface of the floor or sole plate and min 5/8 in. thickness of sealant applied within the annulus flush with the bottom surface of gypsum board or lower top plate. A min 1/2 in. diameter bead of sealant applied at the cable bundle/subflooring or sole plate interface and the cable bundle/gypsum board or top plate interface at point contact locations.
   HILTI CONSTRUCTION CHEMICALS, DIV OF
   HILTI INC – CP 606 Flexible Firestop Sealant

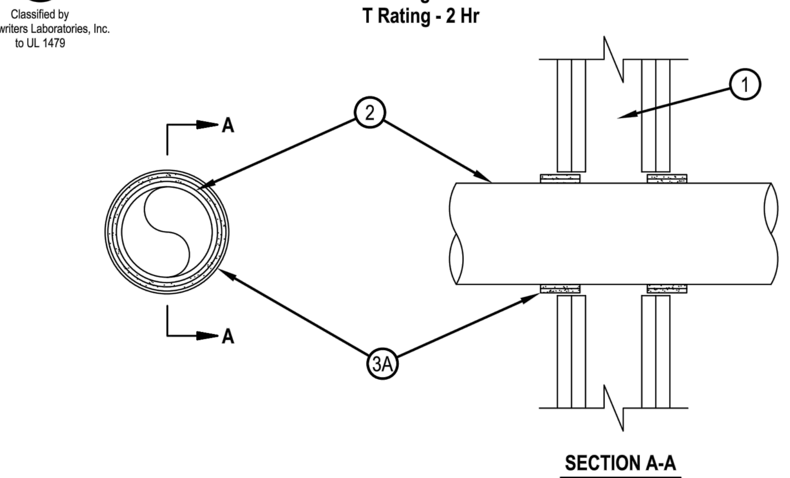
   *Bearing the UL Classification Mark

System No. W-L-2344

WL 2344

Classified by Underwriters Laboratories, Inc. to UL 1479

F Rating - 2 Hr
T Rating - 2 Hr



1. Wall Assembly -- The 2 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. Studs -- Wall framing shall consist of either wood or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.
   B. Gypsum Board* -- Min 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum board type, thickness, number of layers and orientation shall be as specified in the individual U300 or U400 Wall and Partition Design. Max diam of opening is 5-1/2 in.
2. Through Penetrants -- One nonmetallic pipe to be centered within the firestop system. A nom annular space of 3/8 to1/2 in. is required within the firestop system. Pipe to be rigidly supported on both sides of wall assembly. The following types and sizes of nonmetallic pipes may be used:
   A. Acrylonitrile Butadiene Styrene (ABS) Pipe -- Nom 4 in. diam (or smaller) Schedule 40 cellular or solid core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
   B. Polyvinyl Chloride (PVC) Pipe -- Nom 4 in. diam (or smaller) Schedule 40 cellular or solid core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
   C. Chlorinated Polyvinyl Chloride (CPVC) Pipe -- Nom 4 in. diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.
3. Firestop System -- The firestop system shall consist of the following:
   A. Fill, Void or Cavity Material* - Wrap Strip -- Two layers of nom 3/16 in. thick by 1-3/4 in. wide intumescent wrap strip individually wrapped around the outer circumference of the pipe and slid into the annular space such that wrap strip extends 3/4 in. beyond both surfaces of wall. Butted ends in successive layers shall be offset. Wrap strip secured with tape, wire or tie wire.
   HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC -- CP648-E W45/1-3/4" Wrap Strip

*Bearing the UL Classification Mark

Hilti Firestop Systems

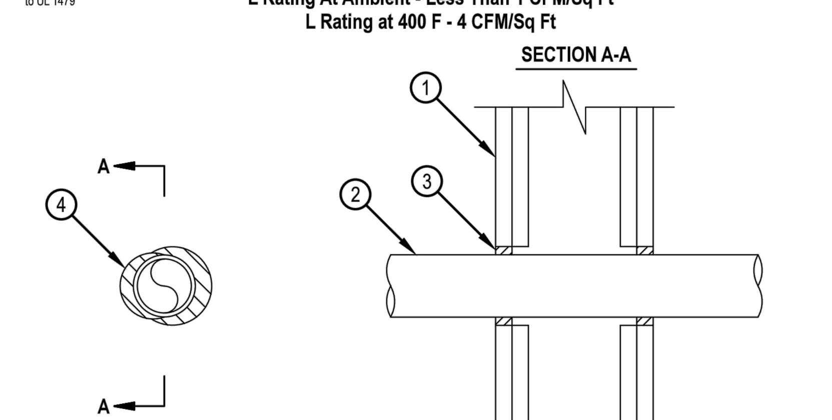
Reproduced by HILTI, Inc. Courtesy of Underwriters Laboratories, Inc. April 22, 2005

System No. W-L-2474

WL 2474

Classified by Underwriters Laboratories, Inc. to UL 1479

F Ratings - 1 and 2 Hr (See Item 1)
T Rating - 0 Hr
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating at 400 F - 4 CFM/Sq Ft



1. Wall Assembly — The fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400, V400 or W400 Series Wall and Partition Designs in the UL fire Resistance Directory and shall include the construction features noted below:
   A. Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. (51 by 102 mm) lumber spaced max 16 in. (406 mm) OC. Steel studs to be min 3-1/2 in. (89 mm) wide and spaced max 24 in. (610 mm) OC.
   B. Gypsum Board* — Nom 5/8 in. (16 mm) thick gypsum board, as specified in the individual Wall and Partition Design. Diam of opening shall be 1 in. (25 mm) larger than the nom pipe diam.
   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. Through Penetrants — One nonmetallic pipe to be installed either concentrically or eccentrically within the firestop system. The annular space between pipe and the periphery of the opening shall be min 0 in. (point contact) to a max 1/2 in. (13 mm). The following types and sizes of nonmetallic pipes may be used:
   A. Polyvinyl Chloride (PVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) cellular or solid core Schedule 40 (or heavier) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.
   B. Chlorinated Polyvinyl Chloride (CPVC) Pipe — Nom 2 in. (51 mm) diam (or smaller) SDR 13.5 CPVC pipe for use in closed (process or supply) piping systems.
   C. Crosslinked Polyethylene (PEX) Tubing — Nom 2 in. (51 mm) diam (or smaller) SDR 9 PEX tubing for use in closed (process or supply) piping systems.
   D. Rigid Nonmetallic Conduit (RNC)+ — Nom 2 in. diam (or smaller) Schedule 40 PVC conduit installed in accordance with the National Electrical Code (NFPA No. 70).
3. Fill, Void or Cavity Material* - Sealant — Min 5/8 in. (16 mm) thickness of fill material applied within annulus, flush with both surfaces of wall. At point contact location, a min 5/8 in. (16 mm) diam bead of fill material shall be applied to the wall/penetrant interface on both surfaces of the wall. HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC — FS-ONE Sealant or FS-ONE MAX Intumescent Sealant

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.
+ Bearing the UL Listing Mark

Hilti Firestop Systems

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LSA PROJECT NO. 2404033

EVREN APARTMENTS
NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
RICHARD BEARD
NUMBER PE-2006000695
PROFESSIONAL ENGINEER

5-31-2024

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY	-
PRICING SET	-
PERMIT SET	5/31/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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ELECTRICAL DETAILS

E302

ELECTRICAL PANEL SCHEDULE

PANEL: A			LOCATION:						MOUNTING:	
BUS: 600 A	MAINS:	MB	VOLTAGE:		120/240		PHASE/WIRE:		1 Ph 3 Wire	KAIC: 42
	WATTS				POLE			WATTS		
DESCRIPTION	A	B	BRKR	WIRE		WIRE	BRKR	A	B	DESCRIPTION
PANEL B	35550		300		1 2		100	6650		PANEL P
		37150	2P		3 4		2P		7000	
AHU - CL3	7200		80	10	5 6	12	20	1200		RECEPTACLES
		7200	2P	10	7 8	12	20		600	RECEPTACLES
CU - CL3	3300		50	10	9 10	12	20	1000		TREAD
		3300	2P	10	11 12	12	20		1000	TREAD
WATER HEATER	2250		30	10	13 14	12	20	1000		RECEPTACLES
		2250	2P	10	15 16	12	20		500	RECEPTACLES
EUH -A	1500		20	12	17 18	12	20	500		RECEPTACLES
		1500	2P	12	19 20	12	20		600	RECEPTACLES
EUH -A	1500		20	12	21 22	12	20	500		RECEPTACLES
		1500	2P	12	23 24	12	20		200	RECEPTACLES
RECEPTACLES	400		20	12	25 26	12	20	400		RECEPTACLES
LIGHTING		500	20	12	27 28	12	20		400	RECEPTACLES
LIGHTING	500		20	12	29 30	12	20	800		RECEPTACLES
LIGHTING		500	20	12	31 32	12	20		600	RECEPTACLES
LIGHTING	500		20	12	33 34	12	20	1000		RECEPTACLES
LIGHTING		500	20	12	35 36	12	20		1000	RECEPTACLES
RECEPTACLES	400		20	12	37 38	12	20	1000		RECEPTACLES
RECEPTACLES		600	20	12	39 40	12	20		800	RECEPTACLES
RECEPTACLES	600		20	12	41 42	12	20	800		RECEPTACLES
CONNECTED LOAD-WATTS	68550	67700			FEEDER LOAD-WATTS					
CONNECTED LOAD-AMPS	571	564			FEEDER LOAD-AMPS					
CONTINUOUS LOAD					FEEDER WIRE					
RECEPTACLES					FEEDER OCP					600 A
NON-CONTINUOUS LOAD										
OTHER DIVERSIFIED LOAD			@	0						

ELECTRICAL PANEL SCHEDULE

PANEL: B			LOCATION:						MOUNTING:	
BUS: 400 A	MAINS:	MLO	VOLTAGE:		120/240		PHASE/WIRE:		1 Ph 3 Wire	KAIC: 42
	WATTS				POLE			WATTS		
DESCRIPTION	A	B	BRKR	WIRE		WIRE	BRKR	A	B	DESCRIPTION
AHU - CL1	7200		80	4	1 2	12	20	400		RECEPTACLES
		7200	2P	4	3 4	12	20		400	RECEPTACLES
AHU - CL2	7200		80	4	5 6	12	20	400		RECEPTACLES
		7200	2P	4	7 8	12	20		800	RECEPTACLES
WATER HEATER	2250		30	10	9 10	12	20	600		RECEPTACLES
		2250	2P	10	11 12	12	20		600	RECEPTACLES
COFFEE MAKER	1000		20	12	13 14	12	20	400		RECEPTACLES
RECEPTACLES		800	20	12	15 16	12	20		1000	RECEPTACLES
CU - CL1	3300		50	8	17 18	12	20	400		RECEPTACLES
		3300	2P	8	19 20	12	20		1000	RECEPTACLES
CU - CL2	3300		50	8	21 22	12	20	600		RECEPTACLES
		3300	2P	8	23 24	12	20		800	RECEPTACLES
DSS - C	1200		25	10	25 26	12	20	800		RECEPTACLES
		1200	2P	10	27 28	12	20		800	RECEPTACLES
EUH - A	1500		20	12	29 30	12	20	1200		RECEPTACLES
		1500	2P	12	31 32	12	20		1200	RECEPTACLES
RECEPTACLES	600		20	12	33 34	12	20	800		RECEPTACLES
LIGHTING		1000	20	12	35 36	12	20		600	RECEPTACLES
LIGHTING	1000		20	12	37 38	12	50	800		RECEPTACLES
LIGHTING		1000	20	12	39 40	12	2P		800	RECEPTACLES
SPARE					41 42	12	20	200		FACP (HLO)
SPARE					43 44	12	20		400	RECEPTACLES
SPARE					45 46	12	20	400		RECEPTACLES
SPARE					47 48					SPACE
SPACE					49 50					SPACE
SPACE					51 52					SPACE
SPACE					53 54					SPACE
CONNECTED LOAD-WATTS	35550	37150			FEEDER LOAD-WATTS					
CONNECTED LOAD-AMPS	296	310			FEEDER LOAD-AMPS					
CONTINUOUS LOAD					FEEDER WIRE					
RECEPTACLES					FEEDER OCP					300 A
NON-CONTINUOUS LOAD										
OTHER DIVERSIFIED LOAD			@	0						

ELECTRICAL PANEL SCHEDULE

PANEL: P			LOCATION:						MOUNTING:	
BUS: 125 A	MAINS:	MLO	VOLTAGE:		120/240		PHASE/WIRE:		1 Ph 3 Wire	KAIC: 10
	WATTS				POLE			WATTS		
DESCRIPTION	A	B	BRKR	WIRE		WIRE	BRKR	A	B	DESCRIPTION
PUMP	2000		40	8	1 2	12	30	1500		WH-CL2
VERIFY HP		2000	2P	8	3 4	12	2P		1500	
EUH-B	2500		30	10	5 6					
		2500	2P	10	7 8	12	20		400	RECEPTACLES
HEATERS	200		20	12	9 10	12	20	250		EXHAUST FAN
RECEPTACLES		400	20	12	11 12					
GRILLS	200		20	12	13 14	12	20			
FIRE PIT		200	20	12	15 16	12	20			
					17 18	12	20			
					19 20	12	20			
					21 22	12	20			
					23 24	12	20			
CONNECTED LOAD-WATTS	6650	7000			FEEDER LOAD-WATTS					
CONNECTED LOAD-AMPS	55	58			FEEDER LOAD-AMPS					
CONTINUOUS LOAD					FEEDER WIRE					
RECEPTACLES					FEEDER OCP					100 A
NON-CONTINUOUS LOAD										
OTHER DIVERSIFIED LOAD			@	0						

Light Fixture Schedule

MARK	DESCRIPTION	MFGR	MODEL	MOUNTING	FINISH	LAMPS	NOTES
X1	Exit	Royal Pacific	RXL-5-RW	surface	white/red	1.5W LED	remote capable
X2	Exit w/heads	Royal Pacific	RXEL39 - RW	surface	white/red	1.5W LED	
X4	Remote Head	Lithonia	ELA-LED	surface	std	1W LED	
X5	Dual-Head Emergency	Lithonia	ELM4L	surface	std	640 lumen	

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LSA PROJECT NO. 2404033

EVREN APARTMENTS

NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
RICHARD BEAN
NUMBER
PE-2009020599
PROFESSIONAL ENGINEER

5-31-2024

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY	- -
PRICING SET	- -
PERMIT SET	5/31/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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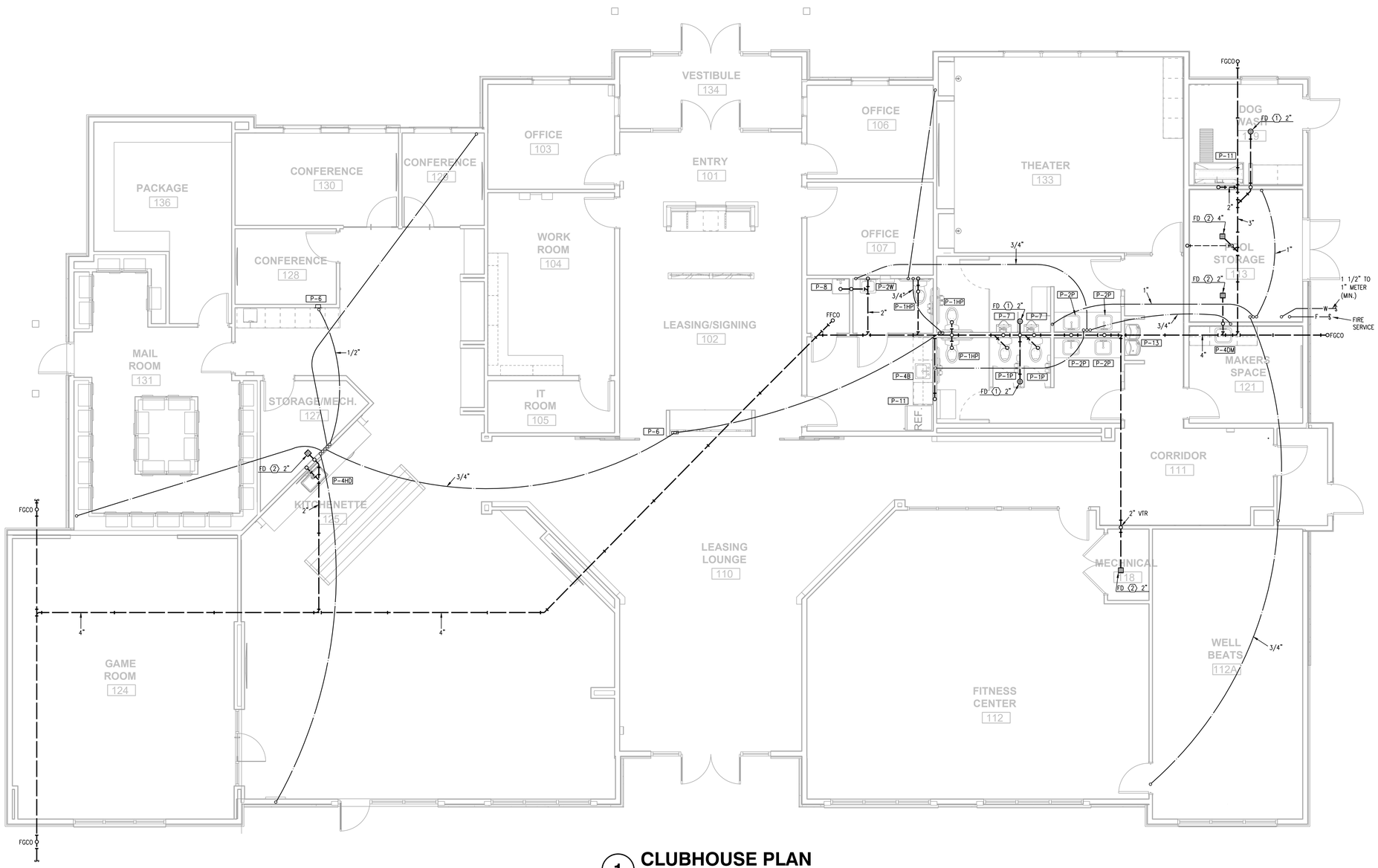
ELECTRICAL SCHEDULES

E303

NOTES:

1. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTE OTHERWISE.
2. ALL SUPPLY PIPING IS 1/2" UNLESS NOTED OTHERWISE. SUPPLY PIPING IS BELOW SLAB AS SHOWN.
3. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
4. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
5. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
6. ALL FIXTURES SHALL HAVE BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
7. SEE THE ARCHITECTURAL DRAWINGS FOR ALL FIXTURES MOUNTING HEIGHTS.
8. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. FLOOR DRAINS ARE TYPE 1, 2" UNLESS NOTED OTHERWISE.
9. ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
10. ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
11. PROVIDE 1/2" TYPE 1-PC INSULATION ON HW PIPING FOR 8FT AFTER WATER HEATER.
12. SEE ARCHITECTURAL DRAWINGS FOR FIXTURES AND DETAILS.



1 CLUBHOUSE PLAN

3/16"=1'-0" BELOW-GRADE PLUMBING

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LSA PROJECT NO. 2404033

EVREN APARTMENTS

NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
RICHARD BEAUCHAMP
NUMBER PE-2009020058
PROFESSIONAL ENGINEER

1/23/2025

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB

PRELIMINARY PRICING SET - -
PERMIT SET 5/31/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION
1	07/09/24	TRACKER REVISION
2	01/23/25	CITY COMMENTS 2

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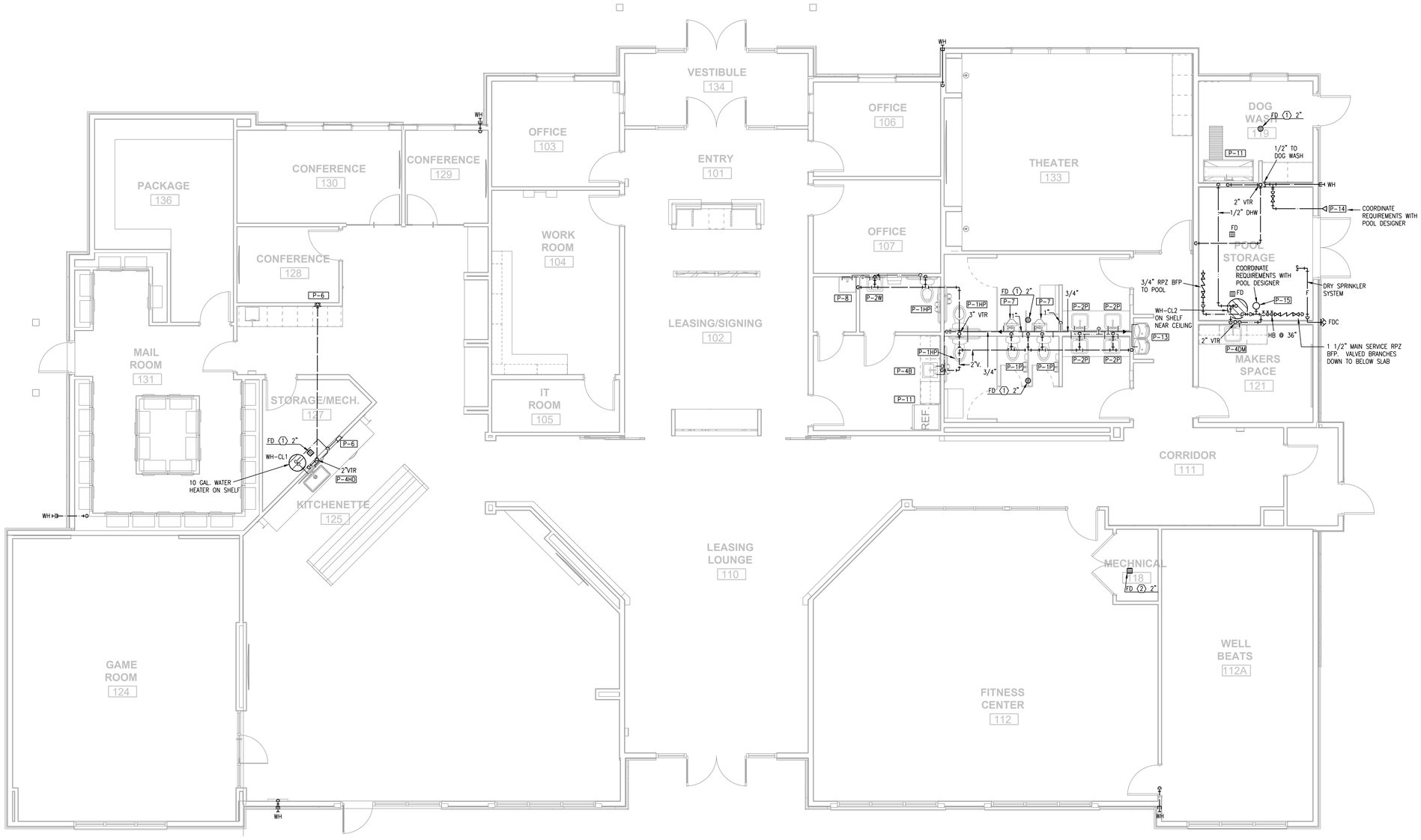
CLUBHOUSE PLAN - BELOW-GRADE PLUMBING

P101

EVREN APARTMENTS CLUBHOUSE (RBB).rvt Clubhouse 24097.01 CAD P101 1/23/2025 11:59:32 AM
ARCH full bleed D (36.00 x 24.00 inches) 1:1

NOTES:

1. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTE OTHERWISE.
2. ALL SUPPLY PIPING IS 1/2" UNLESS NOTED OTHERWISE. SUPPLY PIPING IS BELOW SLAB AS SHOWN.
3. CONNECT ALL APPLIANCES OR EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
4. ALL PLUMBING VENTS SHALL BE 10 FEET FROM OPENINGS OR INTAKES.
5. THERE SHALL BE NO PVC WITHIN RETURN AIR PLENUMS.
6. ALL FIXTURES SHALL HAVE BLADDER TYPE SHOCK SUPPRESSORS FOR EACH CHASE.
7. SEE THE ARCHITECTURAL DRAWINGS FOR ALL FIXTURES MOUNTING HEIGHTS.
8. REFER TO THE ARCHITECTURAL DRAWINGS FOR FLOOR DRAIN LOCATIONS AND FLOOR SLOPES IF PRESENT. FLOOR DRAINS ARE TYPE 1, 2" UNLESS NOTED OTHERWISE.
9. ROUTE DRAIN PIPING FROM WATER HEATERS, AIR HANDLERS OR EQUIPMENT TO FLOOR DRAINS. PROVIDE PROPER TRAPS.
10. ROUTE NO PIPING OVER ELECTRICAL EQUIPMENT.
11. PROVIDE 1/2" TYPE 1-PC INSULATION ON HW PIPING FOR 8FT AFTER WATER HEATER.
12. SEE ARCHITECTURAL DRAWINGS FOR FIXTURES AND DETAILS.



1 CLUBHOUSE PLAN

3/16" = 1'-0" PLUMBING

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LSA PROJECT NO. 2404033

EVREN APARTMENTS

NEW CONSTRUCTION

EVREN APARTMENTS CLUBHOUSE

LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI — RICHARD BEAN — NUMBER PE-2009020559 — PROFESSIONAL ENGINEER

1/23/2025

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY PRICING SET	- -
PERMIT SET	03/12/2024

#	DATE	DESCRIPTION
1	07/08/24	TRACKER REVISION
2	01/23/25	CITY COMMENTS 2

REVISION SCHEDULE

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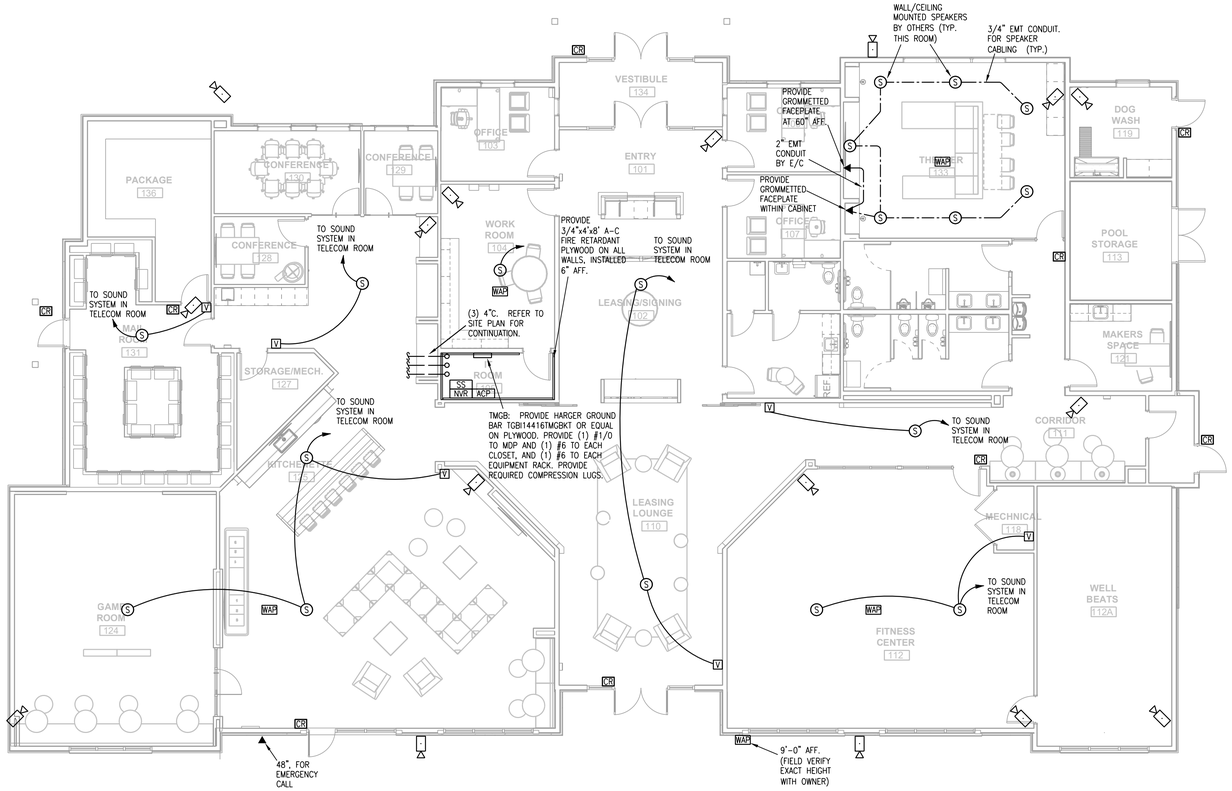
PARTIAL CLUBHOUSE PLAN - PLUMBING

P102

R:\2024\04 Rio Brandivino (RBB)\Carriage Farm Clubhouse 24040101\CAD\P101_02.dwg, P102, 1/23/2025 11:59:32 AM, ARCH full bleed D (24.00 x 36.00 inches), 1:1



1 CLUBHOUSE PLAN
1/8"=1'-0" TELECOM

NORTH

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LSA PROJECT NO. 2404033

EVREN APARTMENTS
NEW CONSTRUCTION
EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI
RICHARD BEAUCHAMP
NUMBER PE-2005020558
PROFESSIONAL ENGINEER
5-31-2024

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY PRICING SET	- -
PERMIT SET	5/31/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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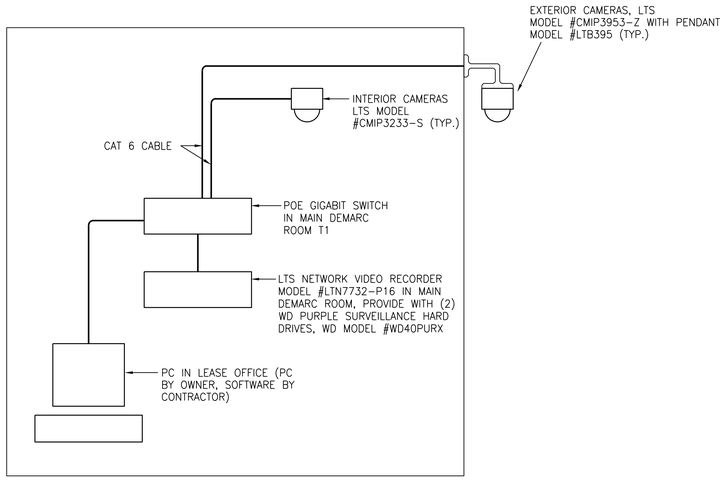
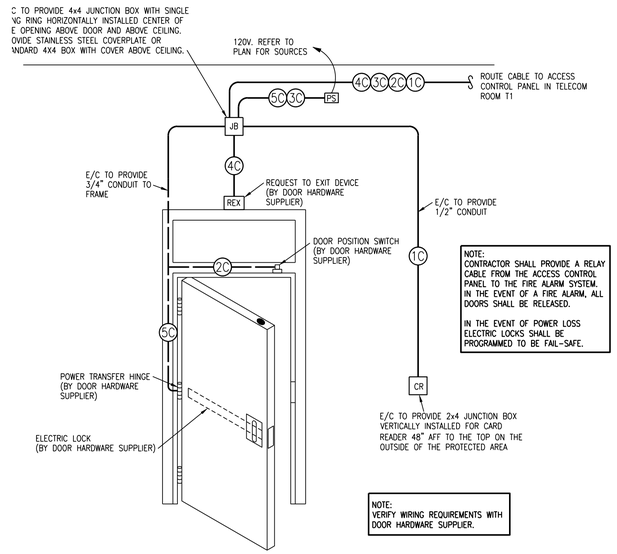
CLUBHOUSE FLOOR PLAN - TELECOM

T101



1 TYPICAL SECURITY CAMERA DETAIL
NO SCALE

LEGEND:
(1C) PROXIMITY CARD READER (ORANGE) 18GA./6 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
(2C) MAGNETIC SWITCH (WHITE) 18GA./2 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
(3C) ELECTRIC LOCK (GRAY) 16GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
(4C) REQUEST TO EXIT (BLUE) 18GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.
(5C) ELECTRIC LOCK FROM PS TO PUSHBAR 18GA./4 COND. TWISTED OVERALL SHIELD, RISER RATED CABLE.



FRONT ELEVATION

2 ACCESS CONTROL DOOR DETAIL
NO SCALE — SINGLE DOOR ENTRY

ACCESS CONTROL CABLE SCHEDULE				
MARK	MANUFACTURER	MODEL/PART NUMBER	DESCRIPTION	REMARKS
(1C)(2C)(3C)(4C)	BELDEN	538AFS	INSIDE ACCESS CONTROL CABLE (COMBO CABLE)	1
(5C)	BELDEN	5302UE	ELECTRIC LOCK CABLE 18 GA 4 COND STRANDED	1, 2
(6C)	CSC	759218	OUTSIDE ACCESS CONTROL CABLE (COMBO CABLE)	1

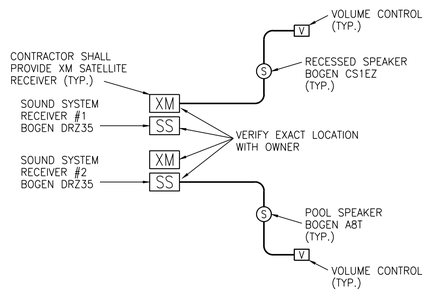
REMARKS:
1 – PROVIDED AND INSTALLED BY E/C.
2 – E/C TO ROUTE CABLE FROM DEVICE AND LEAVE A 8'-0" SERVICE LOOP AT THE BURGLAR ALARM PANEL. PROVIDE A 24" SERVICE LOOP AT DEVICE. PROVIDE A MECHANICALLY PRINTED LABEL ON EACH END OF EACH CABLE FOR REFERENCE.
3 – PROVIDED AS A PART OF THE DOOR HARDWARE PACKAGE.

SECURITY SCHEDULE				
MARK	MANUFACTURER	MODEL NUMBER	DESCRIPTION	REMARKS
CR	HID	RP40/RP15	PROXIMITY CARD READER	1
			FOBs	3
ACP1	KANTECH	KT-400	ACCESS CONTROL PANEL	

REMARKS:
1 – AT GARAGE ONLY.
2 – DOUBLE POLE, DOUBLE THROW FOR ACCESS CONTROL AND BURGLAR ALARM.
3 – PROVIDE 300
4 – BY DOOR HARDWARE PROVIDER, REFER TO DOOR HARDWARE SPECIFICATIONS.

ACCESS CONTROL LEGEND	
ACP	ACCESS CONTROL PANEL
CR	HID CARD READER
REX	REQUEST TO EXIT *
DP	DOOR POSITION SWITCH *
EL	ELECTRIC LOCK (24V DC.) *
PS	POWER SUPPLY (24V DC.) *
ADA	ADA PUSH BUTTON *
DADA	DUAL ADA PUSH BUTTON *
ADAM	ADA MOTORIZED OPERATOR *
AIMS	AUDIO INTERCOM MASTER STATION
AIC	AUDIO INTERCOM
DPDP	DOUBLE THROW, DOUBLE POLE DOOR POSITION SWITCH *

* – INDICATES PROVIDED BY DOOR HARDWARE SUPPLIER. REFER TO DOOR HARDWARE SPECIFICATIONS FOR FURTHER WIRING/POWER REQUIREMENTS.



3 TYPICAL TUNER/SOUND SYSTEM
NO SCALE

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LSA PROJECT NO. 2404033

EVREN APARTMENTS
NEW CONSTRUCTION
EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI

PERMIT SET

STATE OF MISSOURI — RICHARD BEAM — NUMBER PE-2009020598 — PROFESSIONAL ENGINEER
5-31-2024

MD PROJECT #:	24097
DRAWN BY:	CAD
CHECKED BY:	RRB
PRELIMINARY PRICING SET	- -
PERMIT SET	5/31/2024

REVISION SCHEDULE

#	DATE	DESCRIPTION

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TELECOM DETAILS AND SCHEDULES

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