CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, 24-3459 KANSAS

REFERENCE LEGEND

- DETAIL REFERENCE REF # – SHT. #
- DETAIL REFERENCE REF # – SHT #
- INTERIOR ELEVATION REFERENCE
- ELEVATION DESIGNATION (100'-0" FIN. FLR.)
- DOOR MARK
- WINDOW MARK
- CUT LINE
- PARTITION MARK
- REVISIONS
- ROOM NAME & NUMBER (WAITING 101)
- PROJECTED VIEW OF PHOTOGRAPH REF # – SHT. #
- CEILING ELEVATION & MATERIAL (SB 10'-0" (BTM))
- PROJECT NORTH
- TRUE NORTH
- DRAWING NAME (DETAIL A)
- DRAWING SCALE (SCALE)
- DRAWING REF #

MATERIAL LEGEND

- BATT INSULATION
- BRICK MASONRY
- COMPACTED EARTH
- RIGID INSULATION
- POURED CONCRETE
- WALL W/ BRICK VENEER
- METAL STUD WALL
- CONCRETE WALL
- WOOD STUD WALL
- C.M.U. WALL
- PLYWOOD
- ROUGH WOOD
- FINISH WOOD
- METAL STUD
- GLASS LARGE SCALE
- STRUCTURAL STEEL
- CONC. MASONRY UNIT SECTION
- MTL JOIST
- MTL FURRING
- PRECAST CONC. SLAB

INTERIOR RENDERINGS





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SURVEY
CFP CODE FOOTPRINT
ADA ADA DIAGRAMS
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E5.1 DETAILS
E6.1 SCHEDULES

JonesGillamRenz

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jgr@jgrarchitects.com

8-18-2025

PERMIT SET

ABBREVIATIONS

&	AND	Cntr.	Counter	Exp.	Expansion	Hr.	Hour	N.	North	Reinf.	Reinforced	Temp.	Tempered
∠	Angle	Col.	Column	Ext.	Exterior	Hgt.	Height	N.I.C.	Not In Contract	Req'd	Required	T.&G.	Tongue & Groove
@	At	Conc.	Conc. Concrete					No. or #	Number	Resil.	Resilient	Thk.	Thick
℄	Centerline	C.T.	Ceramic Tile	F.A.	Fire Alarm	I.D.	Inside Diameter	Nom.	Nominal	Rm.	Room	T.O.M.	Top Of Masonry
ø	Diameter or Round	CMU	Concrete Masonry Unit	F.D.	Floor Drain	Insul.	Insulation	N.T.S.	Not To Scale	R.O.	Rough Opening	T.O.S.	Top Of Steel
#	Pound or Number	Ctr.	Center	Fdn.	Foundation	Int.	Interior					T.P.	Top Of Pavement
				F.E.	Fire Extinguisher			O/	On or Over	S.	South	T.P.D.	Toilet Paper Dispenser
Acous.	Acoustical	Dbl.	Double	F.E.C.	F.E. Cabinet	Jan	Janitor	Obs.	Obscure	S.B.	Splash Block	T.V.	Television
Adj.	Adjustable	Det.	Detail	Fin.	Finish	Jt.	Joint	O.C.	On Center	S.C.	Solid Core	T.W.	Tackwall
A.F.F.	Above Finished Floor	D.F.	Drinking Fountain	Fl.	Floor			O.D.	Diameter	Sched.	Schedule	Typ.	Typical
Aggr.	Aggregate	Dia.	Diameter	Flash.	Flashing	Kit.	Kitchen	Off.	Office	S.D.	Soap Dispenser	Trd.	Tread
Al.	Aluminum	Dim.	Dimension	℄	Flow line			Opng.	Opening	Sect.	Section		
Approx.	Approximate	Dn.	Down	Ft.	Foot or feet	Lab.	Laboratory	Opp.	Opposite	Shr.	Shower	U.O.N.	Unless Otherwise Noted
Arch.	Architect or Architectural	Dr.	Door	Ftg.	Footing	Lam.	Laminate			Sht.	Sheet	Ur.	Urinal
Asb.	Asbestos	Ds.	Downspout	Furr.	Furring	Lav.	Lavatory	P.	Paint	Sim.	Similar		
Asph.	Asphalt	Dwg.	Drawing	Fut.	Future	Lkr.	Locker	Pl.	Plate	S.N.D.	Sanitary Napkin Disp.	V.C.T.	Vinyl Composition Tile
A.V.	Audio Visual	Dwr.	Drawer			Lt.	Light	P.Lam.	Plastic Laminate	S.N.R.	Sanitary Napkin Recep.	V.T.	Vinyl Tile
				Ga.	Gauge			Plas.	Plaster	Spec.	Specification	V.B.	Vapor Barrier
Bd.	Board	(E)	Existing	Galv.	Galvanized	Mas.	Masonry	Plywd.	Plywood	Sq.	Square	Vert.	Vertical
Bitum.	Bituminous	E.	East or Existing	G.B.	Grab Bar	Max.	Maximum	Pr.	Pair	SST.	Stainless Steel	Vest.	Vestibule
Bldg.	Building	Ea.	Each	Gl.	Glass	M.C.	Medicine Cabinet	Pt.	Point	Std.	Standard	Vyl.	Vinyl
Blk.	Block	E.J.	Expansion Joint	Gnd.	Ground	Mech.	Mechanical	P.T.D.	Paper Towel Dispenser	Stl.	Steel		
Blk'g.	Blocking	El.	Elevation	Gr.	Grade	Memb.	Membrane	Ptn.	Partition	Stor.	Storage	W.	West
Bm.	Beam	Elec.	Electrical	Gyp.	Gypsum	Met.	Metal	P.T.R.	Paper Towel Receptacle	Strl.	Structural	w/	With
Bot.	Bottom	Elev.	Elevator			Mfr.	Manufacturer			Susp.	Suspended	w/o	Without
BO	BY OWNER	Eq.	Equal	H.B.	Hose Bibb	Mh.	Manhole	Q.T.	Quarry Tile	S.V.	Sheet Vinyl	W.C.	Wall Covering
Brg.	Bearing	Equip.	Equipment	H.C.	Hollow Core	Min.	Minimum			Sym.	Symmetrical	Wd.	Wood
Brk.	Brick	E.W.	Each Way	Hdwd.	Hardwood	Mir.	Mirror	R.	Riser			Wp.	Waterproof
		E.W.C.	Elec. Water Cooler	Hdwr.	Hardware	Misc.	Miscellaneous	Rad.	Radius	Tex.	Texture	Wdw.	Window
Cab.	Cabinet	Exist.	Existing	H.M.	Hollow Metal	M.O.	Masonry Opening	R.D.	Roof Drain	T.B.	Towel Bar	Wsct.	Wainscot
Clg.	Ceiling	Expo.	Exposed	Horiz.	Horizontal	Mtd.	Mounted	Ref.	Reference	T.Bd.	Tack Board	Wt.	Weight

CONSULTANTS

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KAW Valley Engineers
1627 Sunflower Lane
SALINA, KS. 67401
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sa@kveng.com

Mechanical & Electrical Engineer ;

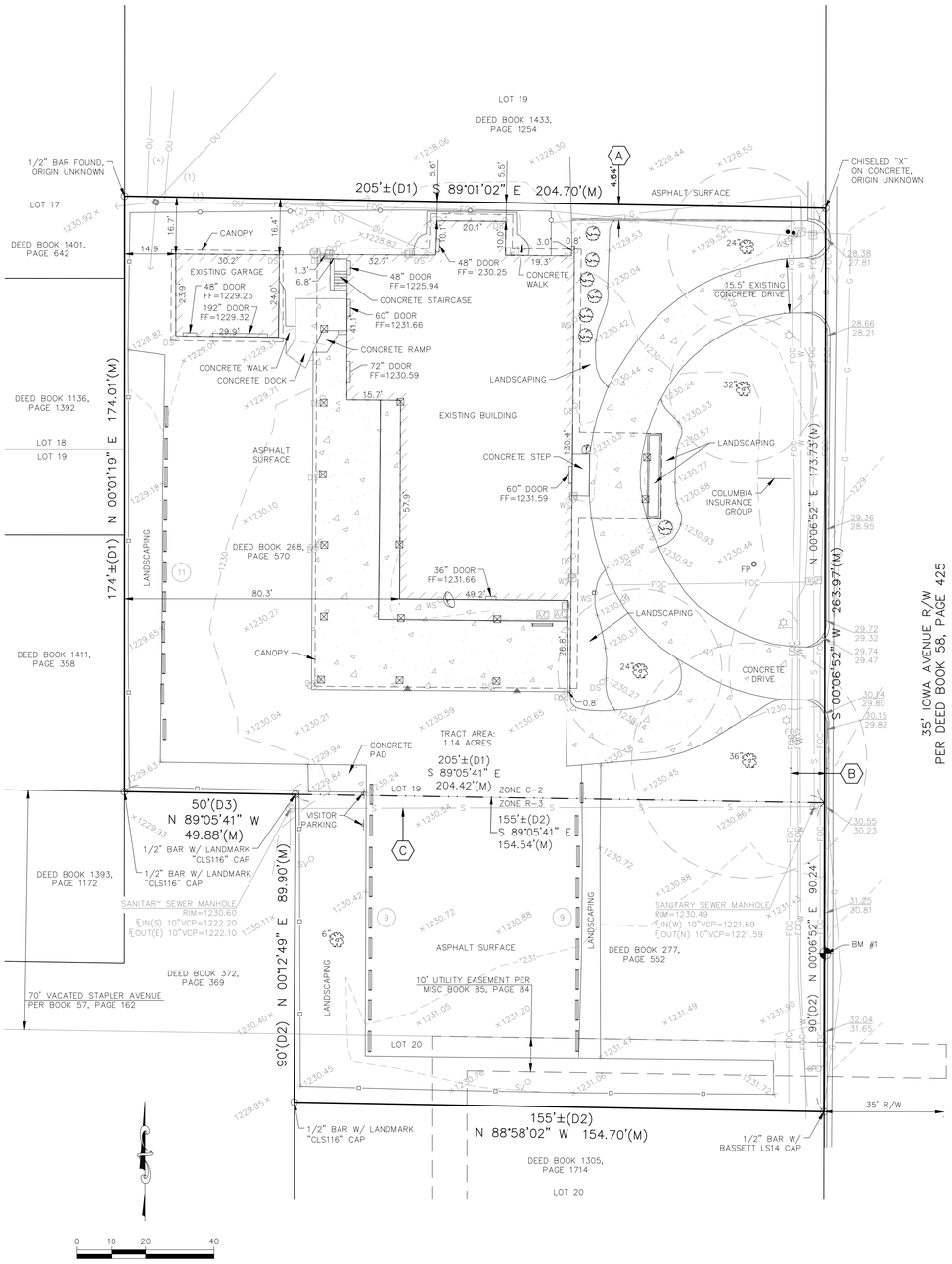
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CERTIFICATE OF SURVEY

A PORTION OF LOT 19, LOT 20, AND VACATED STAPLER AVE R/W, SURVEYORS PLAT 8, SALINA, SALINE COUNTY, KANSAS 67401



LEGEND

- MONUMENT FOUND
- BENCHMARK
- (D1) DESCRIBED DISTANCE PER DEED BOOK 268, PAGE 570
- (D2) DESCRIBED DISTANCE PER DEED BOOK 277, PAGE 552
- (D3) DESCRIBED DISTANCE PER DEED BOOK 372, PAGE 369
- (M) MEASURED BEARING & DISTANCE
- UTILITY POLE
- UTILITY POLE W/ TRANSFORMER
- LIGHT POLE
- SPOT LIGHT
- AIR CONDITIONING UNIT
- ELECTRIC BOX
- PULL BOX
- DEADMAN ANCHOR
- OU (2) FOOTPRINT OF OVERHEAD UTILITY – (# OF LINES)
- TELEPHONE PEDESTAL
- FOC FIBER OPTIC CABLE SIGN
- FP FIBER OPTIC PEDESTAL
- FOC UNDERGROUND FIBER OPTIC CABLE
- GAS METER
- G UNDERGROUND GAS LINE
- WATER VALVE
- WS WATER SPIGOT
- W WATER METER
- W WELL
- SV SPRINKLER VALVE
- FIRE HYDRANT
- W WATER LINE
- S SANITARY SEWER MANHOLE
- CO SANITARY SEWER CLEANOUT
- SANITARY SEWER LINE
- DS DOWNSPOUT
- FP FLAG POLE
- MAILBOX
- SATELLITE DISH
- CANOPY SUPPORT
- WHEEL STOP
- STREET SIGN
- CONCRETE BOLLARD
- CHAIN LINK FENCE
- WOOD FENCE
- 24" DECIDUOUS TREE W/ SIZE & DRIP LINE
- SHRUB
- (9) PARKING STALL COUNT
- 1230 1' CONTOUR INTERVAL
- 28.26 / 28.21 SPOT ELEVATION AT TOP AND FLOWLINE OF CURB (ADD 1200)
- X 1231.06 SPOT ELEVATION AT GROUND/PAVEMENT
- (A) POTENTIAL ENCROACHMENT IDENTIFIER

SURVEYED PROPERTY DESCRIPTION:

(DEED BOOK 268, PAGE 570)
A PART OF LOT NINETEEN (19) SURVEYORS PLAT 8, IN SALINA, SALINE COUNTY, KANSAS, DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT ON THE WEST RIGHT–OF–WAY LINE OF IOWA AVENUE, TWO HUNDRED TWENTY–SIX (226) FEET SOUTH OF THE NORTH LINE OF SAID LOT NINETEEN (19), SURVEYORS PLAT 8, ACCORDING TO THE RECORDED PLAT THEREOF, THENCE WEST A DISTANCE OF TWO HUNDRED FIVE (205) FEET MORE OR LESS TO A POINT ON THE LINE BETWEEN LOTS SEVENTEEN (17) AND NINETEEN (19), SURVEYORS PLAT 8, SEVENTY–SIX (76) FEET SOUTH OF THE NORTHEAST CORNER OF SAID LOT SEVENTEEN (17); THENCE SOUTH A DISTANCE OF ONE HUNDRED SEVENTY–FOUR (174) FEET MORE OR LESS TO THE SOUTH LINE OF SAID LOT NINETEEN (19) SURVEYORS PLAT 8; THENCE EAST ALONG SAID SOUTH LINE OF SAID LOT NINETEEN (19), SURVEYORS PLAT 8 ACCORDING TO THE RECORDED PLAT THEREOF A DISTANCE OF TWO HUNDRED FIVE (205) FEET MORE OR LESS TO THE WEST RIGHT–OF–WAY LINE OF IOWA AVENUE; THENCE NORTH ALONG SAID WEST RIGHT–OF–WAY LINE OF IOWA AVENUE TO THE POINT OF BEGINNING.

AND

(DEED BOOK 27, PAGE 552)
COMMENCING AT THE POINT OF INTERSECTION OF THE WEST RIGHT–OF–WAY LINE OF IOWA AVENUE WITH THE SOUTH LINE OF LOT NINETEEN (19), SURVEYORS PLAT EIGHT (8), ACCORDING TO THE RECORDED PLAT THEREOF, IN THE CITY OF SALINA, SALINE COUNTY, KANSAS;

THENCE WEST ALONG THE SOUTH LINE OF SAID LOT NINETEEN (19) A DISTANCE OF ONE HUNDRED AND FIFTY–FIVE FEET (155'), MORE OR LESS, TO A POINT WHICH IS TWO HUNDRED FEET (200') EAST OF THE SOUTHWEST CORNER OF SAID LOT NINETEEN (19) AND THE EAST LINE OF WISCONSIN AVENUE; THENCE SOUTH AND PARALLEL WITH SAID EAST LINE OF WISCONSIN AVENUE A DISTANCE OF NINETY FEET (90'); THENCE EAST AND PARALLEL WITH SAID SOUTH LINE OF LOT NINETEEN (19) A DISTANCE OF ONE HUNDRED AND FIFTY–FIVE FEET (155'), MORE OR LESS, TO SAID WEST RIGHT–OF–WAY LINE OF IOWA AVENUE; THENCE NORTH ALONG SAID WEST RIGHT–OF–WAY LINE OF IOWA AVENUE A DISTANCE OF NINETY FEET (90') TO THE POINT OF BEGINNING; BEING A PART OF LOT TWENTY (20) AND A PART OF STAPLER AVENUE, NOW VACATED, ALL IN SURVEYORS PLAT EIGHT (8), IN THE CITY OF SALINA, SALINE COUNTY, KANSAS.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS AN ASSUMED BEARING OF S 00°06'52" W ON THE EAST LINE OF DEED BOOK 268, PAGE 570 AND DEED BOOK 277, PAGE 552 IN THE OFFICE OF THE SALINE COUNTY REGISTER OF DEEDS IN THE CITY OF SALINA, SALINE COUNTY, KANSAS.

SURVEYOR'S NOTES:

1. A CERTIFICATE OF TITLE HAS BEEN PROVIDED BY LAND TITLE SERVICES, INC. FILE NO. CT25–26899, EFFECTIVE DATE MARCH 20, 2025 @ 8:00 A.M.
2. EXCEPT AS SPECIFICALLY STATED OR SHOWN HEREON, THIS SURVEY DOES NOT PURPORT TO REFLECT ANY OF THE FOLLOWING WHICH MAY BE APPLICABLE TO THE SUBJECT REAL ESTATE: RESTRICTIVE COVENANTS; SUBDIVISION RESTRICTIONS; ZONING OR OTHER LAND–USE REGULATIONS, AND ANY OTHER FACTS WHICH THE CERTIFICATE OF TITLE MAY DISCLOSE.
3. ALL UNPLATTED EASEMENTS AND ROAD VACATIONS DISCLOSED BY TITLE REPORT ARE SHOWN HEREON.
4. THIS CERTIFICATE OF SURVEY DOES NOT REPRESENT AN "ALTA/NSPS LAND TITLE SURVEY."
5. SEE APPLICABLE CITY CODES FOR CONDITIONS THAT MIGHT AFFECT THE DEVELOPMENT OF THIS SURVEYED PARCEL.
6. BEARINGS AND DISTANCES SHOWN WERE MEASURED BY INSTRUMENT ON THE GROUND.

FLOOD STATEMENT:

THE ACCURACY OF ANY FLOOD HAZARD DATA SHOWN HEREON IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD INSURANCE RATE MAP. THE SURVEYED PROPERTY LIES WITHIN OTHER AREAS OF FLOOD HAZARD ZONE "X" AS SAID PROPERTY PLOTS BY SCALE ON THE FLOOD INSURANCE RATE MAP NUMBER 20169C0229C EFFECTIVE DATE APRIL 18, 2018.

UNDERGROUND UTILITY STATEMENT:

WITH REGARD TO UNDERGROUND UTILITIES, INFORMATION FROM THE SOURCES LISTED HEREON WILL BE COMBINED WITH OBSERVED EVIDENCE OF UTILITIES PURSUANT TO SECTION 5.E.IV. OF THE MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY, AND RELIABLY DEPICTED. IN ADDITION, IN SOME JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT EXCAVATION MAY BE NECESSARY. KANSAS ONE–CALL TICKET NUMBER: 25091418 AND CITY UTILITY MAPS ACCESSED ON–LINE MARCH 6, 2025.

POTENTIAL ENCROACHMENTS:

WITHOUT EXPRESSING A LEGAL OPINION AS TO OWNERSHIP OR NATURE, POTENTIAL ENCROACHMENTS OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK FOR THIS SURVEY ARE LISTED AS FOLLOWS:

A. ASPHALT PARKING LOT APPEARS TO BE OVER THE NORTH LINE OF THE SURVEYED PROPERTY AS SHOWN HEREON.
B. MULTIPLE UTILITIES APPEAR TO BE OVER THE EAST LINE OF THE SURVEYED PROPERTY AS SHOWN HEREON.
C. SANITARY SEWER LINE APPEARS TO CROSS THE SURVEYED PROPERTY WITH NO EASEMENT AS SHOWN HEREON

THIS SURVEY DEPICTS THE FEATURES OBSERVABLE IN THE PROCESS OF CONDUCTING THE FIELDWORK FOR THIS SURVEY. THEREFORE, SOME POTENTIAL ENCROACHMENTS MAY NOT HAVE BEEN OBSERVED, ARE NOT OBSERVABLE, OR ARE NOT THE OPINION OF THE SURVEYOR. IT MAY BE THE OPINION OF OTHERS, THERE ARE POTENTIAL ENCROACHMENTS NOT LISTED. AN ENCROACHMENT IS A LEGAL MATTER AND CAN ONLY BE ESTABLISHED OR DEFINED BY THE JUDICIAL SYSTEM.

BENCHMARKS:

VERTICAL DATUM IS NAVD88 DERIVED FROM THE CITY OF SALINA GNSS NTRIP NETWORK. ORTHOMETRIC HEIGHT WAS CALCULATED USING THE GEOID18 MODEL. UNITS ARE U.S. SURVEY FEET.

BM #1: CHISELED SQUARE ON THE BACK OF CURB ON THE WEST SIDE OF IOWA AVENUE, LOCATED 46'± NORTH OF THE SOUTHEAST CORNER OF THE SUBJECT PROPERTY. ELEV=1231.52

CERTIFICATION:

I, LOREN REITER, BEING A DULY LICENSED SURVEYOR UNDER THE LAWS OF KANSAS, HEREBY CERTIFY THAT THIS PLAT OR MAP IS A TRUE REPRESENTATION OF A SURVEY PERFORMED ON THE GROUND BY ME OR UNDER MY DIRECT SUPERVISION, IS IN ACCORDANCE WITH THE CURRENT KANSAS MINIMUM STANDARDS FOR BOUNDARY SURVEYS, AND IS CORRECT TO THE BEST OF MY BELIEF AND ABILITY.

DATE OF SURVEY: MARCH 31, 2025

(AN ORIGINAL SEAL WITH SIGNATURE IN BLUE INK SIGNIFIES THE CERTIFICATION OF THE ENTIRE FACE OF THIS DOCUMENT AND ALL OF ITS CONTENT)

LOREN REITER LICENSED 1762 PROFESSIONAL SURVEYOR KANSAS 04/16/25

LOREN REITER
1762
reiter@kveng.com

KAW VALLEY ENGINEERING
1627 SUNFLOWER LANE
SALINA, KANSAS 67401
PH. (785) 823–3400
sa@kveng.com | www.kveng.com

PROJECT NO	E25S3943
DRAWN BY	MM
CHECKED BY	LR
CFN	3943CS
SHEET	1 OF 1

PROJECT:
124 IOWA AVENUE
SALINA, KANSAS 67401

PREPARED FOR:
JONES GILLAM RENZ ARCHITECTS
730 NORTH NINTH
SALINA, KANSAS 67402–2928

KAW VALLEY ENGINEERING, INC., IS AUTHORIZED TO OFFER SURVEYING SERVICES BY KANSAS STATE CERTIFICATE OF AUTHORIZATION NO. LS–20. EXPIRES 12/31/26

THIS DRAWING SHALL NOT BE UTILIZED BY ANY PERSON, FIRM, OR CORPORATION IN WHOLE OR IN PART WITHOUT THE SPECIFIC PERMISSION OF KAW VALLEY ENGINEERING, INC.

PROJECT INFORMATION

TYPE OF CONSTRUCTION	INTERIOR REMODEL & ADDITION
FACILITY NAME FACILITY ADDRESS	CENTRAL KANSAS MENTAL HEALTH 124 IOWA AVE SALINA KS 67401
OWNER NAME OWNER ADDRESS	CENTRAL KANSAS MENTAL HEALTH 809 ELMHURST BLVD SALINA KS 67401
REASON FOR SUBMITTAL COUNTY FIRE DEPARTMENT WATER SUPPLY BUILDING INSPECTION DEPT AUTHORITY HAVING JURISDICTION	INTERIOR REMODEL SALINE CITY OF SALINA CITY OF SALINA CITY OF SALINA CITY OF SALINA
ARCHITECT	JONES GILLAM RENZ ARCHITECTS 730 N. NINTH ST. SALINA, KS 67401 ph: 785-827-0386
CODES/REGULATIONS	2012 INTERNATIONAL BUILDING CODE 2012 UNIFORM MECHANICAL CODE 2012 UNIFORM PLUMBING CODE 2011 NATIONAL ELECTRIC CODE 2012 INTERNATIONAL FIRE CODE KANSAS FIRE PREVENTION CODE 2010 ADA STANDARDS for ACCESSIBLE DESIGN

LEGEND

DESIGNATED EMERGENCY EXIT	68"/24.4" — EXIT WIDTH (ACTUAL/REQUIRED) 122/340 — OCCUPANT LOAD (ACTUAL/ALLOWED)
0 HOUR CONSTRUCTION	
EXIT LIGHT	⊗
FIRE EXTINGUISHER	● FE
EXIT/EMERGENCY LIGHTS	
EMERGENCY LIGHTS	
FIRE HYDRANT	FH
FIRE DEPARTMENT CONNECTION	FDC

	A-1	
OCCUPANCY GROUP (AU – ACCESSORY USE)	ASSEMBLY	HALL
OCCUPANCY USE		
ROOM SQUARE FOOTAGE/OCCUPANT LOAD FACTOR	5,550	15
OCCUPANT LOAD/REQUIRED NUMBER OF EXITS	370	2

CODE INFORMATION

OCCUPANCY OVERALL: B

OCCUPANCY GROUPS: B OFFICE

CONSTRUCTION TYPE: V–B

BASIC ALLOWABLE AREA: B 9,000 SF

ALLOWABLE AREA INCREASE:	B
BASE ALLOWABLE	9,000 SF
AREA INCREASE (6.43%)	578 SF
BASE ALLOWABLE	9,578 SF
SPRINKLER INCREASE 300%:	27,000 SF
TOTAL ALLOWABLE AREA	36,578 SF

ACTUAL BUILDING AREA:	
BASEMENT	5,009 SF
FIRST FLOOR	8,359 SF
TOTAL	8,359 SF

(BASEMENT NOT INCLUDED IN TOTAL PER IBC SEC. 506.4)

BASIC ALLOWABLE STORIES: 2 ACTUAL STORIES: 1

BASIC ALLOWABLE HEIGHT: 40' ACTUAL HEIGHT: 18'

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS

	V–B
STRUCTURAL FRAME:	0 HOUR
INTERIOR BEARING WALLS:	0 HOUR
INTERIOR NON–BEARING WALLS:	0 HOUR
EXTERIOR BEARING WALLS:	0 HOUR
EXTERIOR NON–BEARING WALLS:	0 HOUR
FLOOR/CEILING:	0 HOUR
CEILING/ROOF:	0 HOUR
SHAFT ENCLOSURES:	1 HOUR

OCCUPANCY SEPARATIONS:

(NON–SEPARATED USES. PER IBC SEC. 508.2)

ALLOWABLE AREA & HEIGHT CALCULATIONS ARE BASED ON THE MOST RESTRICTIVE USE. DIFFERENT USES ARE NOT SEPARATED BY FIRE BARRIERS.

ROOF COVERINGS: *(PER IBC TABLE 1505.1)*

CLASS C OR BETTER

INCIDENTAL SEPARATIONS: *(PER IBC TABLE 509)*

N/A

SPECIAL CONDITIONS:

EXIT LIGHTING
EMERGENCY LIGHTING
PORTABLE FIRE EXTINGUISHERS

FIRE ALARM REQUIREMENTS:

NOT REQUIRED, PROVIDED PER NFPA 72 FOR MONITORING OF SPRINKLER SYSTEM

AUTOMATIC FIRE SUPPRESSION SYSTEM:

REQUIRED PER BASEMENT OCCUPANCY. PROVIDED PER NFPA 13

EMERGENCY POWER SOURCE:

EXIT SIGNS, EXIT ILLUMINATION, EMERGENCY LIGHTING IS PER BATTERY BACKUP.

HAZARDOUS MATERIALS: *(PER IBC TABLES 414)*

NONE NOTED

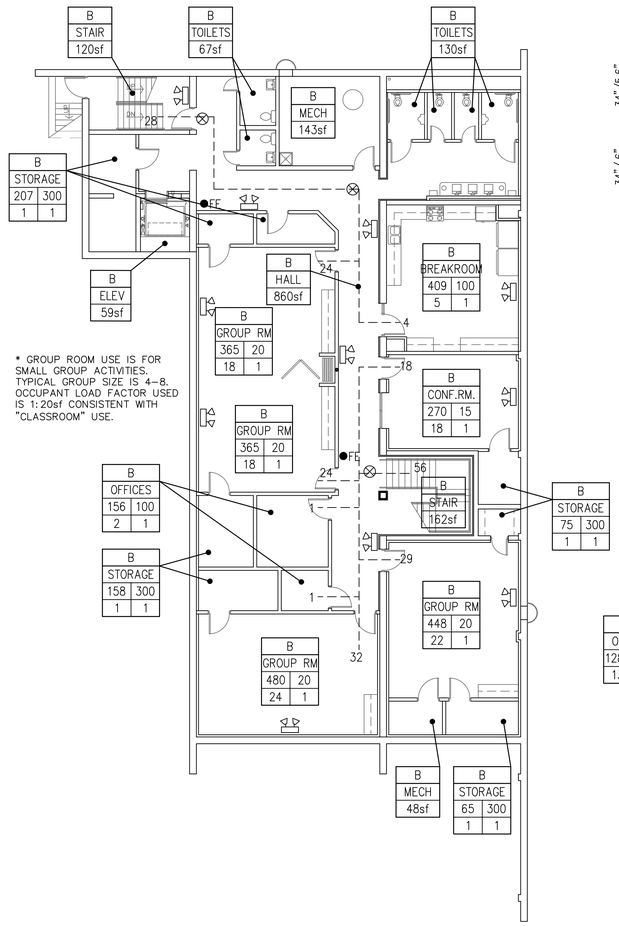
SMOKE PARTITIONS: NOT REQUIRED SMOKE CONTROL: NOT REQUIRED STANDPIPES: NOT REQUIRED

TOTAL OCCUPANT LOAD: 148 CALCULATED (REF. PLAN)

EXITING: REFERENCE PLAN

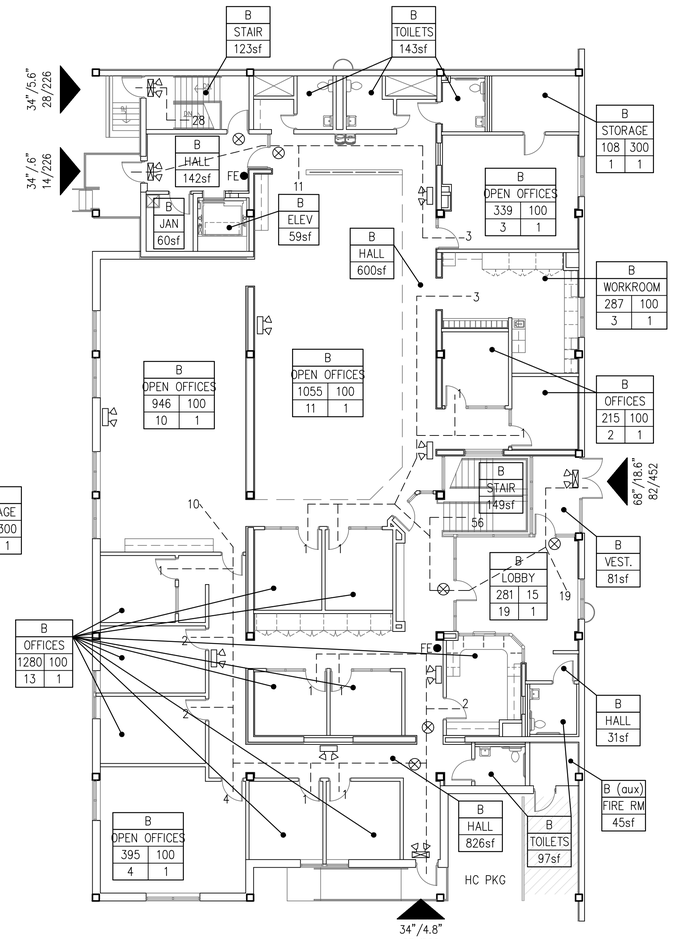
OCCUPANT LOAD FACTORS:

OCCUPANCY	USE	LOAD FACTOR	OCCS=1 EXITS	OCCS=2 EXITS
B	LOBBY	15 sf/OCCUPANT	49	50+
B	OFFICE	100 sf/OCCUPANT	49	50+
B	STORAGE	300 sf/OCCUPANT	29	30+
B	CONFERENCE	15 sf/OCCUPANT	49	50+
B	BREAK ROOM	15 sf/OCCUPANT	49	50+



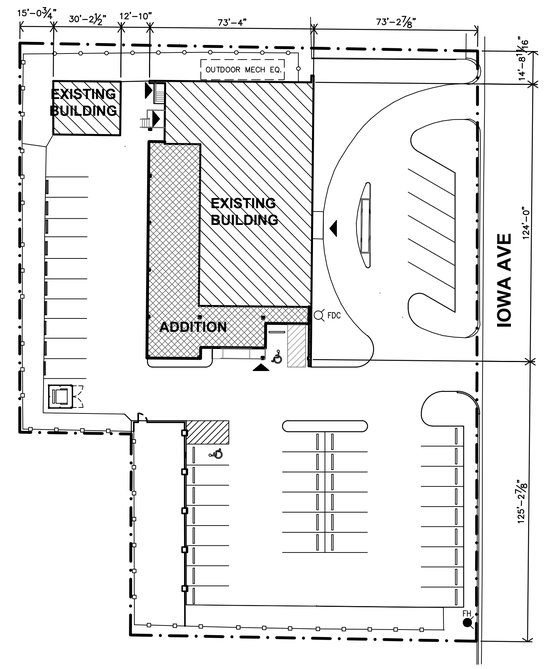
C BASEMENT PLAN

0 8' 16' 32'



B FIRST FLOOR PLAN

0 8' 16' 32'



A SITE PLAN

0 16' 32' 64'

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CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

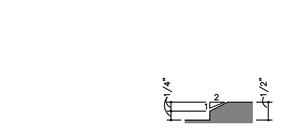
CHARLES A. RENZ LICENSED 5502 8-18-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:

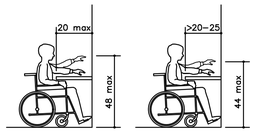
DATE: 8-18-2025
JOB: 24-3459
SHEET NO.:

CFP

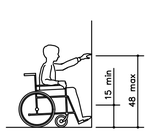
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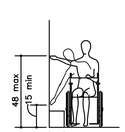
Beveled Change in Level



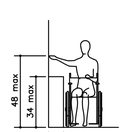
Obstructed High Forward Reach

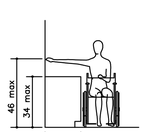


Unobstructed Forward Reach



Unobstructed Side Reach





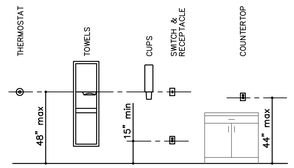
Obstructed High Side Reach

O THRESHOLD ADA DIAGRAMS

NO SCALE

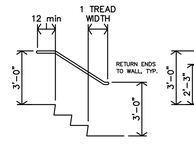
N STANDARD REACH ADA DIAGRAMS

NO SCALE

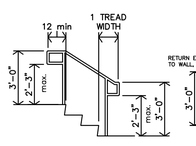


M STANDARD CONTROL REACH LIMITATIONS DETAILS

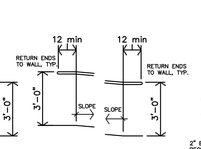
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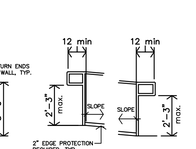
Stair Handrail Extensions at Walls



Stair Handrail Extensions at Freestanding Handrails



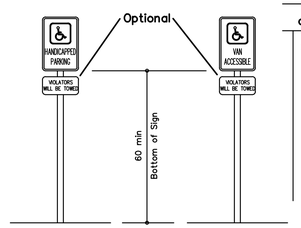
Ramp Handrail Extensions at Walls



Ramp Handrail Extensions at Freestanding Handrails

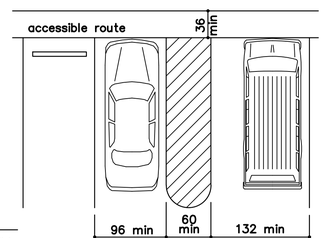
L STANDARD RAMP/STAIR HANDRAIL EXTENSIONS

NO SCALE

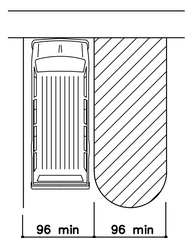


Typical Handicapped Parking Signage

Van Accessible Handicapped Parking Signage



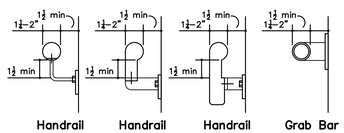
Handicap Accessible Parking Stalls



Van Accessible Parking Stall (per 502.2 exception)

K STANDARD PARKING ADA DIAGRAMS

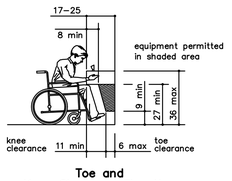
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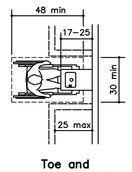
Handrail Handrail Handrail Grab Bar

J STANDARD HANDRAIL/GRAB BAR DETAILS

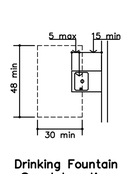
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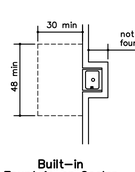
Toe and Knee Clearance Elevation



Toe and Knee Clearance Plan



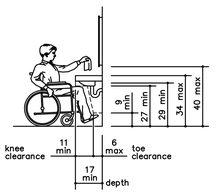
Drinking Fountain Spout Location



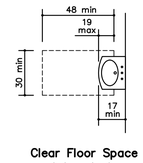
Built–in Fountain or Cooler

H STANDARD DRINKING FOUNTAIN DETAILS

NO SCALE



Lavatory Clearances

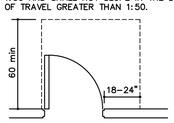


Clear Floor Space at Lavatories

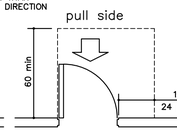
G STANDARD LAVATORY DETAILS

NO SCALE

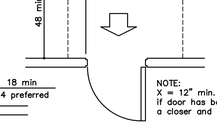
LANDINGS SHALL COMPLY WITH STANDARD DOOR APPROACH ADA DIAGRAMS AND SHALL NOT HAVE A CROSS SLOPE GREATER THAN 1:50 AND SHALL NOT SLOPE IN THE DIRECTION OF TRAVEL GREATER THAN 1:50.



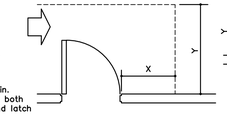
Exterior Landing



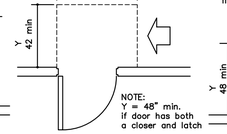
Front Approach – Swinging Door



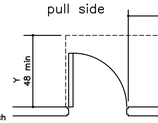
Front Approach – Swinging Door



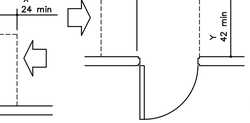
Hinge Side Approach – Swinging Door



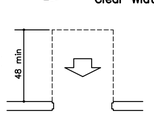
Side Approach – Swinging Door



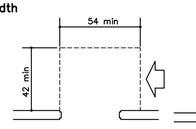
Latch Side Approach Swinging Door



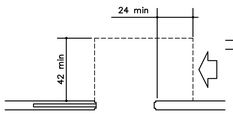
Latch Side Approach Swinging Door



Front Approach – Sliding or Folding Doors



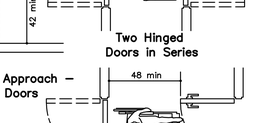
Side Approach – Sliding or Folding Doors



Stop or Latch Side Approach – Sliding or Folding Doors

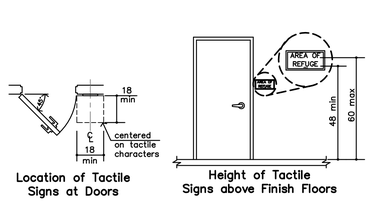


Pocket or Hinge Side Approach – Sliding or Folding Doors



F STANDARD DOOR APPROACH ADA DIAGRAMS

NO SCALE

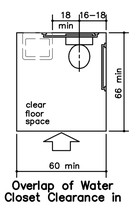


Location of Tactile Signs at Doors

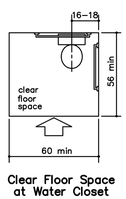
Height of Tactile Signs above Finish Floors

E TACTILE SIGN DIAGRAM

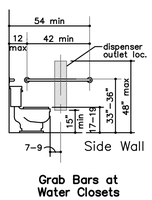
NO SCALE



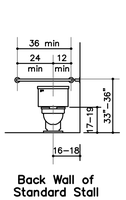
Overlap of Water Closet Clearance in Residential Dwelling Units (Exception)



Clear Floor Space at Water Closet



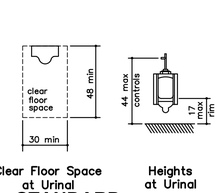
Grab Bars at Water Closets



Back Wall of Standard Stall

D STANDARD TOILET ADA DIAGRAMS

NO SCALE

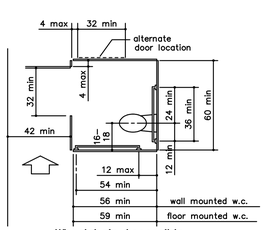


Clear Floor Space at Urinal

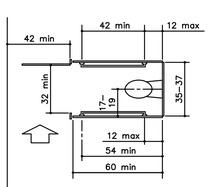
Heights at Urinal

C STANDARD URINAL ADA DIAGRAMS

NO SCALE



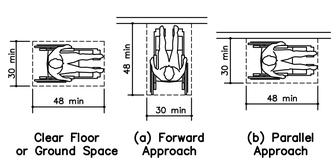
Wheelchair Accessible Toilet Compartment



Ambulatory Accessible Toilet Compartment

B STANDARD TOILET STALL ADA DIAGRAMS

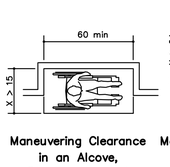
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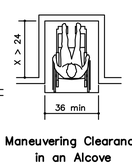
Clear Floor or Ground Space

(a) Forward Approach

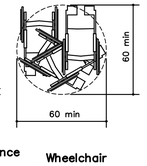
(b) Parallel Approach



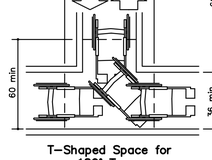
Maneuvering Clearance in an Alcove, Parallel Approach



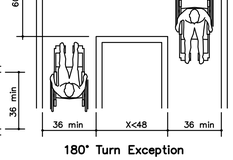
Maneuvering Clearance in an Alcove Forward Approach



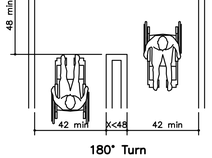
Wheelchair Turning Space



T–Shaped Space for 180° Turns



180° Turn Exception



180° Turn

A STANDARD ADA DIAGRAMS

NO SCALE

FOR REFERENCE ONLY

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JGR

CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

CHARLES A. RENZ
5502
8-18-2025
KANSAS PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-18-2025
JOB: 24-3459
SHEET NO.:

ADA

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PLANT SCHEDULE

Qty	Common Name	Size
Trees		
1	BRANDYWINE MAPLE	2" Cal.
Shrubs		
3	BAILTIGER (TIGER EYES®) STAGHORN SUMAC	3 Gal.
3	COLOR GUARD YUCCA	3 Gal.
1	CONOY BURKWOOD VIBURNUM	3 Gal.
6	DENSIFORMIS ANGLOJAPANESE YEW	3 Gal.
13	ENDLESS SUMMER BLOOMSTRUCK HYDRANGEA	3 Gal.
2	GREY OWL JUNIPER	3 Gal.
Ornamental Grasses		
42	KARL FOERSTER FEATHER REED GRASS	2 Gal.
28	SHENANDOAH SWITCHGRASS	2 Gal.

PLANT LEGEND

- EXISTING SHADE TREES TO REMAIN
- EXISTING SHRUBS TO REMAIN
- PROPOSED SHADE TREES
- PROPOSED EVERGREEN SHRUBS
- PROPOSED DECIDUOUS SHRUBS
- PROPOSED GRASSES
- TURF AREAS
- 2" COLORADO COBBLE MULCH
- COLORADO COBBLE BOULDERS

SAVE EXISTING LANDSCAPE BED AND PLANTS

EXISTING BUILDING

PARKING

PLAYGROUND

NEW ADDITION

EXISTING BUILDING

SHENNANDOAH

COLOR GUARD YUCCA

3 COLOR GUARD YUCCA

6 SHENANDOAH SWITCHGRASS

3 LANDSCAPE BOULDERS

PARKING

2 GREY OWL JUNIPER

3 BAILTIGER EYE SUMAC

SAVE EXISTING LANDSCAPE

EXISTING LOCUST

PARKING

1 BRANDYWINE MAPLE

6 SHENANDOAH SWITCHGRASS

23 KARL FOERSTER REED GRASS

6 SHENANDOAH SWITCHGRASS

EXISTING LOCUST

PARKING

EXISTING OAK

EXISTING LOCUST

3 DENSIFORMIS ANGLOJAPANESE YEW

6 ENDLESS SUMMER BLOOMSTRUCK HYDRANGEA

5 LANDSCAPE BOULDERS

3 DENSIFORMIS ANGLOJAPANESE YEW

7 ENDLESS SUMMER BLOOMSTRUCK HYDRANGEA

1 CONOY BURKWOOD VIBURNUM

REMOVE EXISTING SHRUBS, PLASTIC EDGING & ROCK MULCH FROM FRONT BEDS

INSTALL NEW STEEL EDGING

5 SHENANDOAH SWITCHGRASS

19 KARL FOERSTER FEATHER REED GRASS

5 SHENANDOAH SWITCHGRASS

5 LANDSCAPE BOULDERS

IOWA AVENUE

NORTH

Scale: 1" = 10'

0 10 20 30 40

GENERAL NOTES

1. INSTALL NEW AUTOMATED LAWN IRRIGATION SYSTEM.
2. INSTALL NEW DRIP IRRIGATION SYSTEM IN NEW SHRUB BEDS.
3. IRRIGATION COMPONENTS SHALL BE AS MANUFACTURED BY HUNTER INDUSTRIES.
4. INSTALL COMMERCIAL GRADE HUNTER SPRINKLER HEADS W/ COMMERCIAL GRADE HUNTER SMART CONTROLLER.
5. DRIP IRRIGATION SHALL BE A NETAFIM DRIP SYSTEM, DESIGNED PER MANUFACTURER'S RECOMMENDATIONS.
6. CONTRACTOR SHALL DESIGN SYSTEM FOR 100 PERCENT COVERAGE & SUBMIT DRAWINGS TO OWNER/ARCHITECT FOR APPROVAL.
7. EXISTING LAWN AREAS SHOWN ON PLAN SHALL BE PRESERVED AS MUCH AS POSSIBLE FROM CONSTRUCTION ACTIVITIES.
8. SEED/OVERSEED DISTURBED LAWN AREAS IN THE FALL SEASON.
9. REMOVE ALL EXISTING PLANTS FROM FRONT FOUNDATION OF BUILDING, INCLUDING EXISTING ROCK AND PLASTIC EDGING.
10. INSTALL 2" COLORADO RIVER COBBLE OVER WEED BARRIER FABRIC IN ALL NEW BEDS AS SHOWN ON PLAN.
11. ALL NEWLY PLANTED TREES SHALL BE STAKED AND MULCHED WITH DOUBLE GROUND HARDWOOD OR CYPRESS MULCH.
12. INSTALL 1/8" THICK STEEL EDGING BETWEEN NEW PLANT BEDS AND LAWN AREAS. EDGING SHALL BE COATED WITH BROWN RUSTOLEUM PAINT.
13. TREES SHOWN ON PLAN TO REMAIN, SHALL HAVE ROOT ZONES PROTECTED FROM CONSTRUCTION ACTIVITIES.
14. FOR WARRANTIES AND OTHER LANDSCAPE SPECIFICATIONS, REFER TO THE CITY OF SALINA LANDSCAPE AND SODDING WRITTEN SPECIFICATIONS.

PRELIMINARY NOT FOR CONSTRUCTION

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New Cambria, KS 67470
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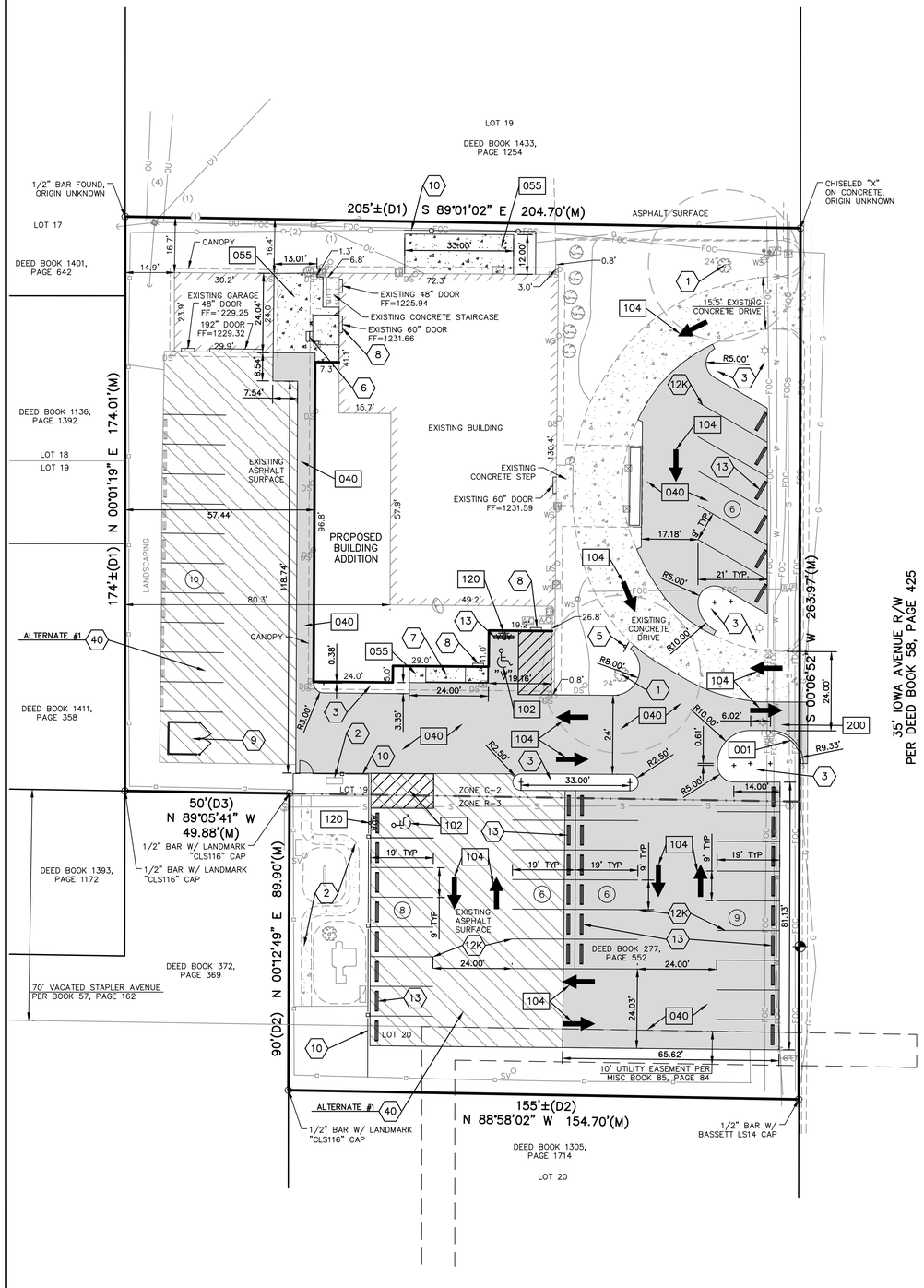
Revisions
JULY 08, 2025
Plant Legend

Date
JUNE 10, 2025
Project Number

Drawn By
GLS
Checked By
GLS

Sheet Name
LANDSCAPE PLAN

Sheet Number
L1.0
1 of 1



0 10 20 40

SCALE: 1" = 20'

PAVING LEGEND

- REGULAR DUTY PAVING (040)
- PAVEMENT TO BE REMOVED AND REPLACED, AS ALTERNATIVE #1
- CONCRETE SIDEWALK (055)
- CONCRETE CURB AND GUTTER (001)
- (8) PARKING STALL COUNT

LEGEND

- MONUMENT FOUND
- BENCHMARK
- (D1) DESCRIBED DISTANCE PER DEED BOOK 268, PAGE 570
- (D2) DESCRIBED DISTANCE PER DEED BOOK 277, PAGE 552
- (D3) DESCRIBED DISTANCE PER DEED BOOK 372, PAGE 369
- (M) MEASURED BEARING & DISTANCE
- UTILITY POLE
- UTILITY POLE W/ TRANSFORMER
- LIGHT POLE
- SPOT LIGHT
- AIR CONDITIONING UNIT
- ELECTRIC BOX
- PULL BOX
- DEADMAN ANCHOR
- OU (2) FOOTPRINT OF OVERHEAD UTILITY – (# OF LINES)
- TELEPHONE PEDESTAL
- FOC FIBER OPTIC CABLE SIGN
- FIBER OPTIC PEDESTAL
- FOC UNDERGROUND FIBER OPTIC CABLE
- GAS METER
- G UNDERGROUND GAS LINE
- WATER VALVE
- WS WATER SPIGOT
- WATER METER
- WELL
- SV SPRINKLER VALVE
- FIRE HYDRANT
- W WATER LINE
- SANITARY SEWER MANHOLE
- CO SANITARY SEWER CLEANOUT
- S SANITARY SEWER LINE
- DS DOWNSPOUT
- FP FLAG POLE
- MAILBOX
- SATELLITE DISH
- CANOPY SUPPORT
- WHEEL STOP
- STREET SIGN
- CONCRETE BOLLARD
- CHAIN LINK FENCE
- WOOD FENCE
- DECIDUOUS TREE W/ SIZE & DRIP LINE
- SHRUB
- (9) PARKING STALL COUNT

DETAILS – SEE DETAIL SHEET NO. 05–07 FOR THE FOLLOWING DETAILS

001	CONCRETE CURB AND GUTTER
040	REGULAR DUTY PAVING
055	CONCRETE SIDEWALK
102	ACCESSIBLE STRIPING
104	TRAFFIC FLOW ARROW
120	ACCESSIBLE PARKING SIGNAGE
200	CITY STANDARD DRIVEWAY ENTRANCE

NOTES:

1	EXISTING TREE TO REMAIN. CONTRACTOR TO PROTECT FROM DAMAGE.
2	FUTURE PLAYGROUND AREA. (REFER TO ARCHITECTURAL PLANS)
3	LANDSCAPE AREA (REFER TO ARCHITECTURAL PLANS)
5	SIGN "DO NOT ENTER" (REFER TO MUTCD)
6	CONCRETE STAIRS (REFER TO ARCHITECTURAL PLANS)
7	CONCRETE RAMP AND HANDRAIL. (REFER TO ARCHITECTURAL PLANS)
8	ENTRANCE (REFER TO ARCHITECTURAL PLANS)
9	TRASH ENCLOSURE. (REFER TO ARCHITECTURAL PLANS)
10	FENCE (REFER TO ARCHITECTURAL PLANS)
12K	WHITE PARKING LOT STRIPING (SHERWIN–WILLIAMS TM 2160 LEAD FREE OR APPROVED EQUAL)
13	CONCRETE WHEEL STOP. (REFER TO ARCHITECTURAL PLANS)
40	ALTERNATE #1. CONTRACTOR TO REMOVE AND REPLACE EXISTING PAVEMENT. PER DETAIL 040

NOTE:
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE, SLOPED PAVING, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.

2. THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACTOR DOCUMENTS.

3. ALL DIMENSIONS ARE TO BACK OF CURB UNLESS NOTED OTHERWISE.

4. ALL DIMENSIONS ARE PERPENDICULAR TO PROPERTY LINE.

5. ACTUAL SIGN LOCATIONS TO BE COORDINATED WITH CONSTRUCTION MANAGER.

CONSTRUCTION NOTES:

1. COORDINATE START–UP AND ALL CONSTRUCTION ACTIVITIES WITH OWNER.

2. CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE CITY OF SALINA STANDARD SPECIFICATIONS.

3. ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.

4. PUBLIC CONVENIENCE AND SAFETY: THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC, AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA.

5. ONE IN EIGHT ACCESSIBLE PARKING STALLS MUST HAVE A SIGN DESIGNATING "VAN–ACCESSIBLE". SEE DETAIL 102 AND 120.

6. ALL TRAFFIC CONTROL DEVICES, INSTALLATION AND OPERATIONS SHALL CONFORM WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

7. PAINT FOR STRIPING ON PUBLIC STREETS, HIGHWAYS AND ENTRANCES SHALL BE REFLECTORIZED PAINT CONFORMING TO THE SPECIFICATIONS OR REQUIREMENTS OF THE AUTHORITY GOVERNING THE STREET OR HIGHWAY.

8. JOINT SPACING FOR CONCRETE PAVEMENT WILL BE MODIFIED TO MEET THE CONTRACTOR'S CONSTRUCTION EQUIPMENT AND METHODS OF POURING. ALL CONSTRUCTION JOINTS WILL REQUIRE KEYWAYS. SAWED CONTRACTING JOINTS WILL BE REQUIRED ON MAXIMUM 12'–0" CENTERS FOR REGULAR DUTY PAVING.

9. REFER TO ARCHITECTURAL PLANS FOR DEMOLITION PLAN AND DETAILS.

10. ALTERNATIVE #1 CONSIST OF REMOVING AND REPLACING THE PAVEMENT IDENTIFIED ON THE PLAN SHEET.

SAFETY NOTICE TO CONTRACTOR

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

WARRANTY / DISCLAIMER

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER KAW VALLEY ENGINEERING, INC NOR ITS PERSONNEL, CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE KAW VALLEY ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

CAUTION – NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	08/13/25	INITIAL ISSUE	MJR	TDA	MJR

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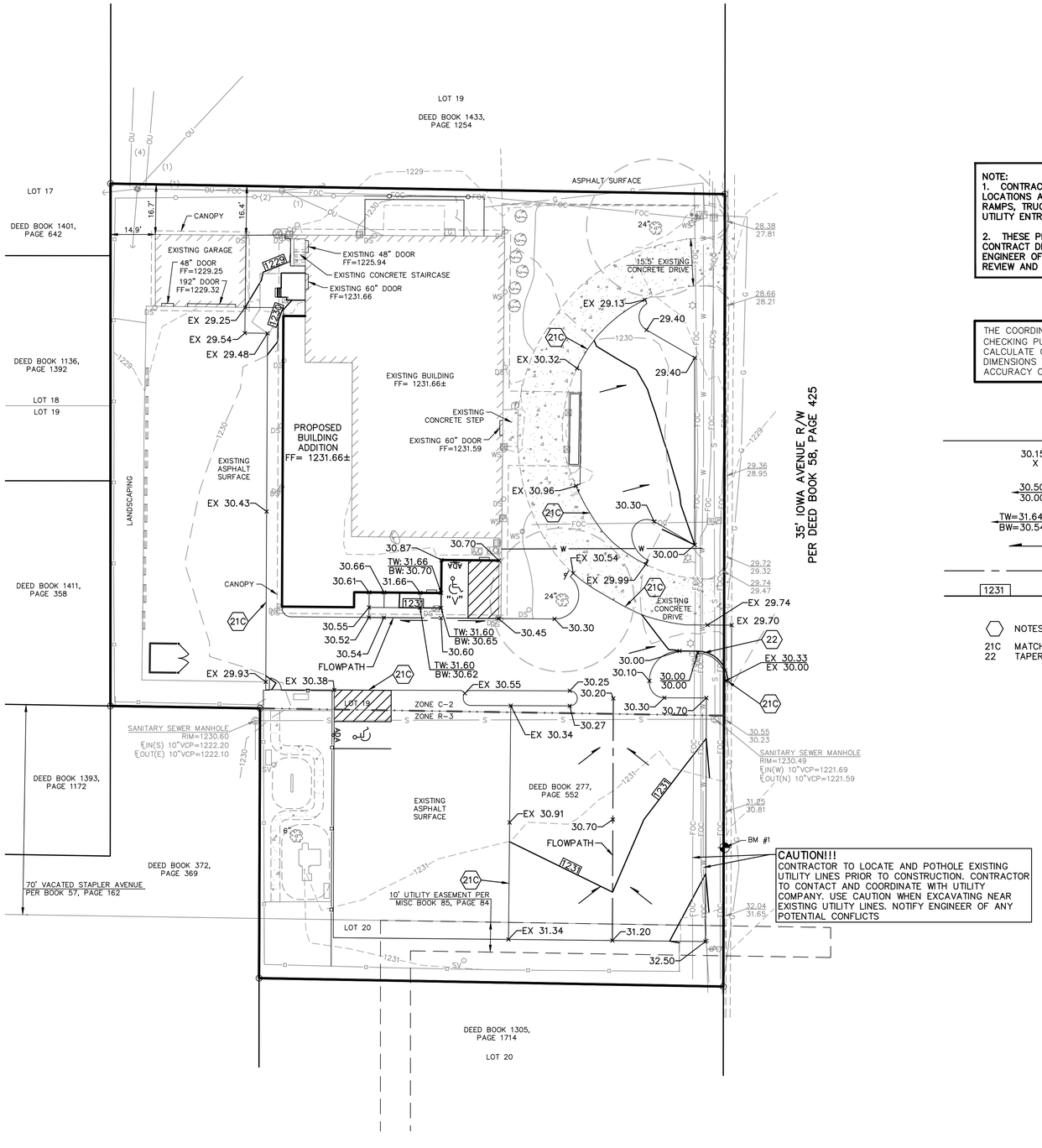
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KAW VALLEY ENGINEERING, INC. IS AUTHORIZED TO OFFER ENGINEERING SERVICES IN KANSAS STATE CERTIFICATE OF AUTHORIZATION # E-1115. EXPIRES 12/31/26

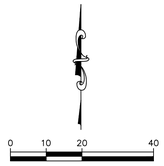
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124 IOWA AVENUE
SALINA, KANSAS 67401

CIVIL PLANS
SITE & DIMENSION PLAN

PROJ. NO.	E25D3943
DESIGNER	MJR
DRAWN BY	TDA
CFN	3943SP
SHEET	01
REV	0

THIS DRAWING SHALL NOT BE UTILIZED BY ANY PERSON, FIRM, OR CORPORATION IN WHOLE OR IN PART WITHOUT THE SPECIFIC PERMISSION OF KAW VALLEY ENGINEERING, INC.





NOTE:
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE, SLOPED PAVING, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.

2. THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACT DOCUMENTS.

THE COORDINATES PROVIDED ON THIS PLAN ARE FOR INFORMATION AND CHECKING PURPOSES ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALCULATE CONSTRUCTION STAKING COORDINATES ACCORDING TO THE DIMENSIONS SHOWN ON THESE PLANS. CONTRACTOR SHALL VERIFY THE ACCURACY OF THE COORDINATES SHOWN HEREON BEFORE CONSTRUCTION.

LEGEND (PROPOSED)

- 30.15 / X — SPOT ELEVATION (ADD 1200), TOP OF PAVEMENT
- 30.50 / 30.00 — TOP OF CURB (ADD 1200) / FLOWLINE OF CURB (ADD 1200)
- TW=31.64 / BW=30.54 — TOP OF WALL (ADD 1200) / BOTTOM OF WALL (ADD 1200)
- FLOW DIRECTION
- DRAINAGE FLOWPATH
- 1231 — FINISHED 1' CONTOUR INTERVALS, TOP OF PAVEMENT

NOTES:
- 21C — MATCH EXISTING PAVEMENT ELEVATIONS
- 22 — TAPER FROM ZERO HEIGHT CURB TO FULL HEIGHT

CAUTION!!!
CONTRACTOR TO LOCATE AND POTHOLE EXISTING UTILITY LINES PRIOR TO CONSTRUCTION. CONTRACTOR TO CONTACT AND COORDINATE WITH UTILITY COMPANY. USE CAUTION WHEN EXCAVATING NEAR EXISTING UTILITY LINES. NOTIFY ENGINEER OF ANY POTENTIAL CONFLICTS

IF DISCREPANCIES EXIST BETWEEN THE GRADING NOTES HERON AND THE RECOMMENDATIONS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT SHALL GOVERN.

GRADING NOTES:

1. THE CONSTRUCTION AREA SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL AND ORGANIC MATTER FROM ALL AREAS TO BE OCCUPIED BY BUILDING AND PAVING. TOPSOIL FOR REPLACEMENT ON SLOPES MAY BE STOCKPILED ON SITE. EXCESS TOPSOIL MAY BE WASTED IN FILL SLOPES PROVIDED THAT NO TOPSOIL WILL BE WASTED WITHIN 10 FEET OF THE EDGE OF THE BUILDING OR PARKING AREA. BURNING OF TIMBER WILL NOT BE PERMITTED UNLESS APPROVAL IS OBTAINED FROM GOVERNING OFFICIALS. STRIPPING EXISTING TOPSOIL AND ORGANIC MATTER SHALL BE TO A MINIMUM DEPTH OF 8 INCHES.

2. AREAS TO RECEIVE FILL SHALL BE SCARIFIED AND THE TOP 8-INCH DEPTH COMPACTED TO 95% STANDARD PROCTOR DENSITY. ANY UNSUITABLE AREAS SHALL BE UNDERCUT AND REPLACED WITH SUITABLE MATERIAL BEFORE ANY FILL MATERIAL CAN BE APPLIED.

3. OFF-SITE FILL MATERIAL SHALL HAVE A PLASTICITY INDEX BETWEEN 10 AND 25, A LIQUID LIMIT OF 45 OR LESS AND CONTAIN NO ROCK LARGER THAN THREE INCHES. OFF-SITE FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER PRIOR TO BRINGING ON SITE.

4. EARTHWORK UNDER THE BUILDING SHALL COMPLY WITH THE PROJECT ARCHITECTURAL PLANS. OTHER FILL MATERIAL SHALL BE MADE IN LIFTS NOT TO EXCEED EIGHT INCHES DEPTH COMPACTED TO 95% STANDARD PROCTOR DENSITY. FILL MATERIAL MAY INCLUDE ROCK FROM ON-SITE EXCAVATION IF CAREFULLY PLACED SO THAT LARGE STONES ARE WELL DISTRIBUTED AND VOIDS ARE COMPLETELY FILLED WITH SMALLER STONES, EARTH, SAND OR GRAVEL TO FURNISH A SOLID EMBANKMENT. NO ROCK LARGER THAN THREE INCHES IN ANY DIMENSION NOR ANY SHALE SHALL BE PLACED IN THE TOP 12 INCHES OF EMBANKMENT.

5. AREAS THAT ARE TO BE CUT TO SUBGRADE LEVELS SHALL BE PROOF ROLLED WITH A MODERATELY HEAVY LOADED DUMP TRUCK OR SIMILAR APPROVED CONSTRUCTION EQUIPMENT TO DETECT UNSUITABLE SOIL CONDITIONS.

6. IN ALL AREAS OF EXCAVATION, IF UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED, A QUALIFIED GEOTECHNICAL ENGINEER SHALL RECOMMEND TO THE ENGINEER THE METHODS OF UNDERCUTTING AND REPLACEMENT OF PROPERLY COMPACTED, APPROVED FILL MATERIAL. ALL PROOFROLLING AND UNDERCUTTING SHOULD BE PERFORMED DURING A PERIOD OF DRY WEATHER.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

8. ALL SLOPES ARE TO BE 3:1 OR FLATTER UNLESS OTHERWISE INDICATED.

9. ALL SLOPES EXCEEDING 3:1 SHALL BE PROTECTED BY RIP RAP, CONCRETE PAVING, OR OTHER METHODS INDICATED ON THESE PLANS, THAT WILL PREVENT EROSION AND PLACED SUCH THAT THE SURFACE IS FLUSH WITH SURROUNDING GROUND AND SHAPED TO CHANNEL WATER IN DIRECTIONS INDICATED.

10. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOPSOIL IS NOT AVAILABLE ON-SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.

11. CONTRACTOR SHALL USE SILT FENCE, STRAW WATTLES OR OTHER MEANS OF CONTROLLING EROSION ALONG THE EDGE OF THE PROPERTY OR OTHER BOTTOM OF SLOPE LOCATIONS.

12. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS.

13. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.

14. IT IS NOT THE DUTY OF THE ENGINEER OR THE OWNER TO REVIEW THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE AT ANY TIME DURING CONSTRUCTION.

15. PIPE LENGTHS ARE CENTER TO CENTER OF STRUCTURE OR TO END OF END SECTIONS.

16. HANDICAP STALLS SHALL MEET ADA REQUIREMENTS AND SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION AT THE BUILDING ENTRY AND ACCESSIBLE PARKING STALLS. SLOPES EXCEEDING 2.0% WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

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MATTHEW J. ROWE LICENSED 29241 8/13/25 KANSAS PROFESSIONAL ENGINEER

MATTHEW J. ROWE
ENGINEER
KS # 29241

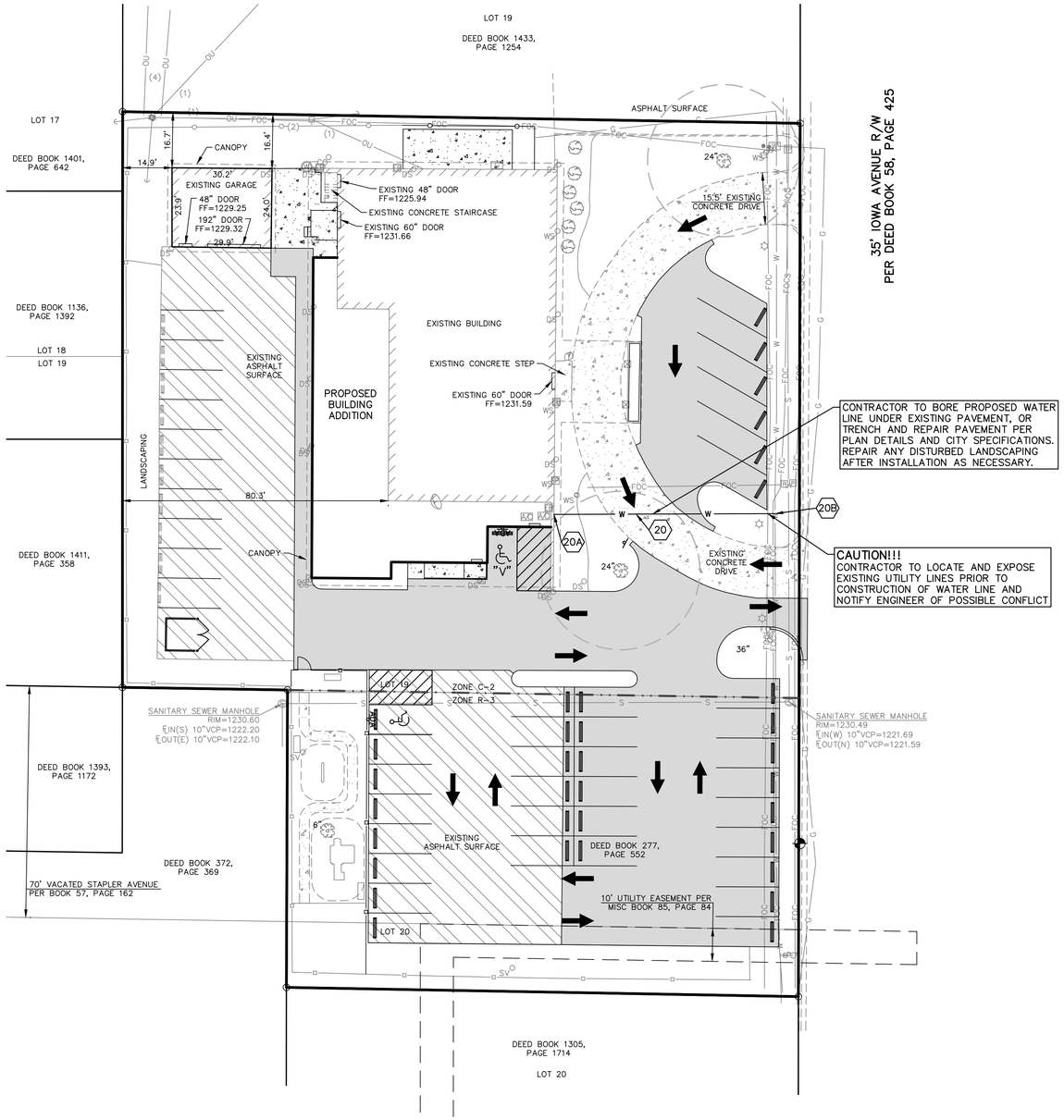
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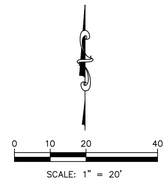
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124 IOWA AVENUE
SALINA, KANSAS 67401

CIVIL PLANS
GRADING PLAN

PROJ. NO.	E25D3943	
DESIGNER	MJR	DRAWN BY TDA
CFN	3943GP	
SHEET	02	REV 0

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NOTES:

20 PVC AWWA C900 DR14 FIRE PROTECTION WATER LINE. REFER TO MEP PLANS FOR SIZE (MINIMUM BURIAL DEPTH 42"

20A FIRE PROTECTION LINE CONNECTION TO BUILDING (SEE MEP PLANS)

20B CONNECT PROPOSED FIRE PROTECTION LINE TO EXISTING MAIN USING TAPPING SLEEVE AND VALVE. CONTRACTOR TO COORDINATE TAP WITH CITY OF SALINA

NOTE:
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE, SLOPED PAVING, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.

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UTILITY NOTES:

1. CONSTRUCTION SHALL NOT START ON ANY PUBLIC WATER OR SANITARY SEWER SYSTEM UNTIL WRITTEN APPROVAL OR PERMITS HAVE BEEN RECEIVED FROM THE OWNER.

2. ALL UTILITY AND STORM SEWER TRENCHES CONSTRUCTED UNDER AREAS THAT RECEIVE PAVING SHALL BE BACKFILLED TO 18 INCHES ABOVE THE TOP OF THE PIPE WITH SELECT GRANULAR MATERIAL PLACED ON EIGHT-INCH LIFTS, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.

3. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCE OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. KAW VALLEY ENGINEERING AND OWNER ARE TO BE HELD HARMLESS.

4. DISINFECTION AND PRESSURE TESTING OF WATER LINES SHALL BE PERFORMED AND PAID FOR BY THE CONTRACTOR UNDER SUPERVISION OF A REPRESENTATIVE OF THE CITY WATER DEPARTMENT. CONTRACTOR SHALL NOTIFY THE CITY OF SALINA WATER DEPARTMENT 24 HOURS MINIMUM, PRIOR TO ANY TESTING.

5. ALL WATER AND SANITARY SEWER SYSTEMS THAT ARE TO BE PUBLIC LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS PREVIOUSLY APPROVED BY THE CITY OF SALINA AND THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT AND SHALL BE INSPECTED BY THE CITY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THIS INSPECTION OCCURS.

6. LOCATIONS SHOWN FOR PROPOSED WATER LINES ARE APPROXIMATE. VARIATIONS MAY BE MADE, WITH APPROVAL OF THE ENGINEER, TO AVOID CONFLICTS.

7. CONTRACTOR TO INSTALL TRACING WIRE ALONG ALL NON-METALLIC WATER MAINS AND SERVICE LINES PER SPECIFICATIONS.

8. CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICT AND POINTS OF CONNECTION PRIOR TO ANY CONSTRUCTION OF NEW UTILITIES.

9. WATER LINES SHALL HAVE A MINIMUM COVER OF 42 INCHES. ALL VALVES ON MAINS AND FIRE HYDRANT LEADS SHALL BE WITH VALVE BOX ASSEMBLIES. THE SIZE OF VALVE BOX ASSEMBLY TO BE INSTALLED IS DETERMINED BY THE TYPE AND SIZE OF VALVE. VALVE BOX CAPS SHALL HAVE THE WORD "WATER".

10. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER (MAINS AND SERVICE) AND SANITARY SEWER (MAINS AND SERVICE) LINES. AT POINT WHERE SEWERS CROSS WATER MAINS, THE SEWER SHALL BE CONSTRUCTED OF CAST IRON, PLASTIC PIPE WITH NON-JOINTED PLASTIC PIPE, OR PIPE ENCASED IN CONCRETE FOR A DISTANCE OF 10 FEET EACH SIDE OF THE CROSSING AS MEASURED FROM THE OUTSIDE DIAMETER OF THE SEWER LINE (EDGE-TO-EDGE), NOT ITS CENTERLINE, UNLESS THE WATER MAIN IS AT LEAST 2 FEET ABOVE THE SEWER.

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MATTHEW J. ROWE LICENSED 29241 8/13/25 KANSAS PROFESSIONAL ENGINEER

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CENTRAL KANSAS MENTAL HEALTH CENTER
124 IOWA AVENUE
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CIVIL PLANS
UTILITY PLAN

PROJ. NO.	E25D3943
DESIGNER	MJR
DRAWN BY	TDA
CFN	3943UP
SHEET	03
REV	0

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EXISTING BUILDING

PROPOSED BUILDING ADDITION

35' IOWA AVENUE R/W
PER DEED BOOK 58, PAGE 425

0 5 10 20
SCALE: 1" = 10'

NOTE:
1. TYPE 1 JOINTS SHALL BE PLACED WHERE NEW CONCRETE ABUTS EXISTING CONCRETE AND IN AREAS WHERE CONCRETE ABUTS BUILDINGS. UNLESS NOTED OTHERWISE.

EXPANSION JOINT - TYPE 1

TYPE 2

NOTE:
1. TYPE 2 JOINTS SHALL BE PLACED AS NOTED AND AT ALL P.C.'S, P.T.'S AND TRANSITIONS, AND WHERE NEW CURB OR CONCRETE PAVEMENT TIES INTO EXISTING CURB OR CONCRETE PAVEMENT AND AT DOORWAYS.
2. SMOOTH BARS SHALL BE 24" LONG

CONTRACTION JOINT - TYPE 3

NOTE:
CONTRACTION JOINTS SHALL BE ARRANGED TO PROVIDE APPROXIMATELY SQUARE PANELS (ONE SIDE SHALL NOT EXCEED ANOTHER SIDE BY MORE THAN 30%) AND MAXIMUM SPACING SHALL BE THE THICKNESS OF THE SLAB IN FEET (IE. 4" THICKNESS YIELDS 4' SPACING MAX.)

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	08/13/25	INITIAL ISSUE	M.JR	TDA	M.JR

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29241
8/13/25
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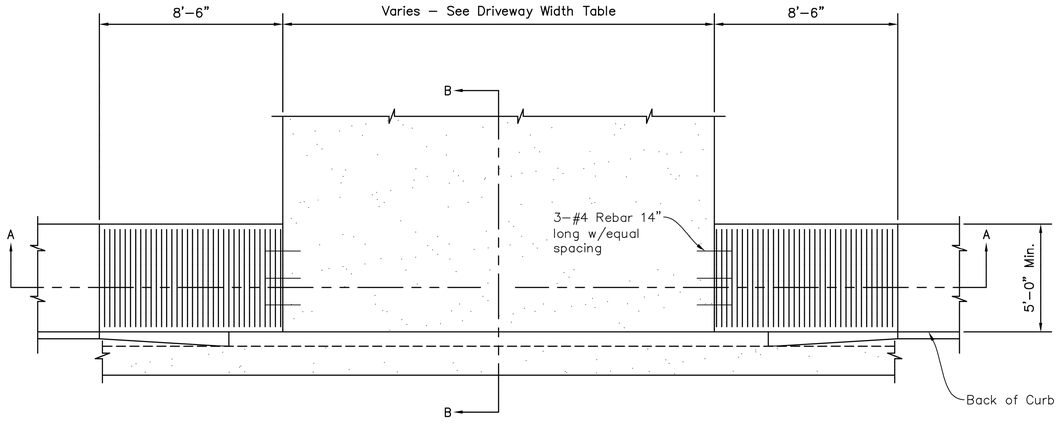
CENTRAL KANSAS MENTAL HEALTH CENTER
124 IOWA AVENUE
SALINA, KANSAS 67401

CIVIL PLANS
JOINTING PLAN

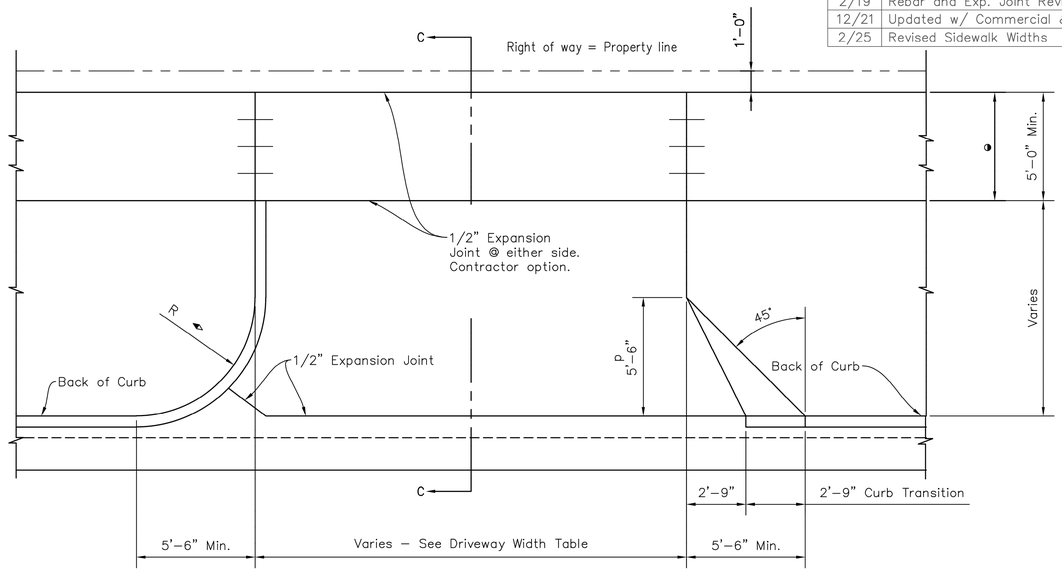
PROJ. NO.	E25D3943
DESIGNER	DRAWN BY
MJR	TDA
CFN	3943JP
SHEET	REV
04	0

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DATE	REVISIONS
2/19	Rebar and Exp. Joint Revision
12/21	Updated w/ Commercial & Industrial
2/25	Revised Sidewalk Widths



TYPICAL DRIVEWAY w/ CURBSIDE SIDEWALK DETAIL



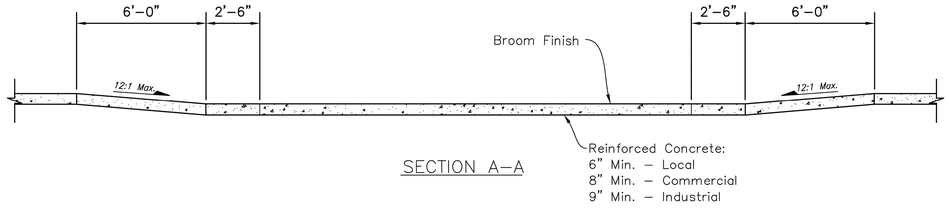
WITH RADIUS

WITH 45° WING

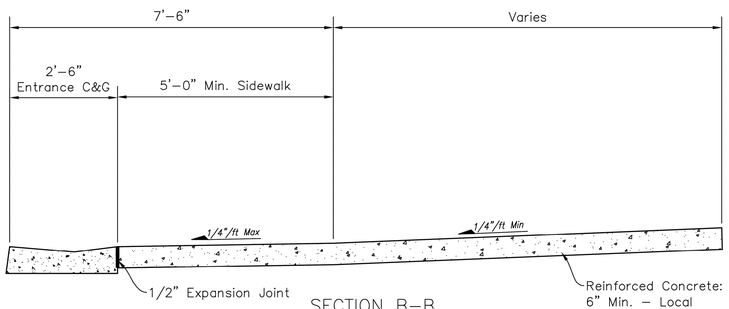
◑ Match adjacent sidewalk width

Driveway Type	Radius
Commercial	15' min.
Single Residential	5.5' min
Double Residential	3' min.

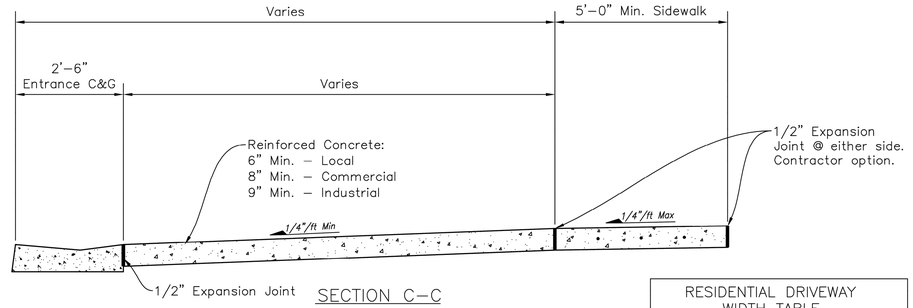
TYPICAL DRIVEWAY w/ PROPERTY LINE SIDEWALK DETAIL



SECTION A–A



SECTION B–B



SECTION C–C

GENERAL NOTES:

1. All driveway approach construction shall be subject to City inspection at all times by the City Engineer or his representative.

2. All driveway approach construction shall be placed normal to center line of roadway in a true and neat manner.

3. All driveway approach construction shall be no less than 5'–6" from adjacent property unless with written consent from adjacent property owner.

4. Before placement of concrete, the subgrade shall be thoroughly moistened. Concrete may not be placed on frozen or muddy subgrade or when ambient air temperature is 40° F. or less without adequate frost protection.

5. All concrete within the right–of–way shall be placed with a minimum 4,000 psi concrete mix design. Upon placement of concrete, the surface shall be broom finished and protected against premature drying with white pigmented curing compound for a period no less than seven (7) days. (When the ambient air temperature is expected to remain at or below 40° F, the white pigmented curing compound will be substituted with thermal blankets).

6. Entrance and driveway pavements shall have a uniform thickness:
   a. Residential– 6"concrete and reinforced with a minimum 6X6– W1.4xW1.4 welded wire reinforcement. Approximate weight of welded wire mesh = 21 lbs. per 100 sq. ft.
   b. Commercial– 8" min. concrete with #4 rebar mat.
   c. Industrial– 9" min. concrete with #4 rebar mat.

Expansion joints will be that of a preformed material, one half (1/2") thickness, and shall be placed wherever new work joins existing work; at ends of all driveway, alley and street returns where returns meet existing construction; and at intervals not to exceed one hundred fifty (150') feet for all straight runs.

7. Concrete Pavement shall be jointed w/ 1/8" wide, T/3 depth, contraction joints not to exceed 10' x 10' slabs.

RESIDENTIAL DRIVEWAY WIDTH TABLE	
LOT WIDTH	MAXIMUM DRIVEWAY
50 ft or Less	20 ft
51 ft to 60 ft	24 ft
61 ft' to 74 ft	30 ft
75 ft or Greater	30 ft
*with front facing attached 3 car garage or carport	36 ft
Minimum Driveway Width = 8'–0"	

200

CITY OF SALINA, KANSAS
PUBLIC WORKS – ENGINEERING – UTILITIES

STANDARD DETAILS
DRIVEWAY DETAILS

PROJ. NO.	DATE	SHEET
FILENAME: 4_Driveway Details 1106.dwg	BY	4

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	08/13/25	INITIAL ISSUE	MJR	TDA	MJR

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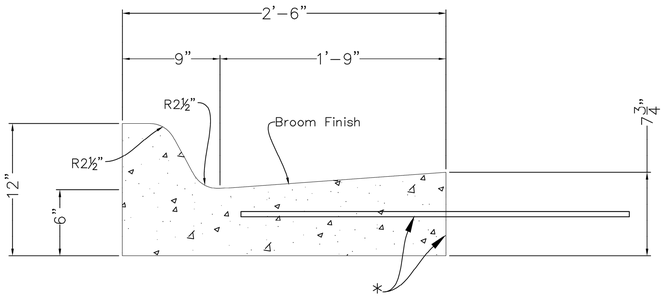
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CIVIL PLANS
DETAIL SHEET

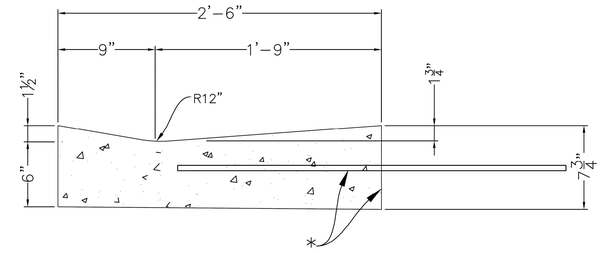
PROJ. NO. E25D3943
DESIGNER MJR | DRAWN BY TDA
CFN 3943TYP
SHEET 05 | REV 0

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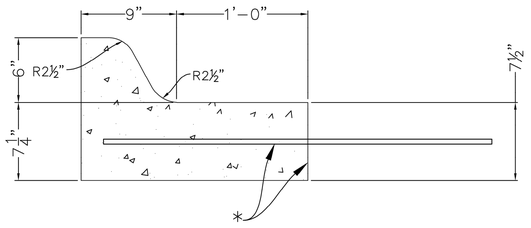
COMBINED CURB & GUTTER (TYPE I) 001

Scale: N.T.S.



COMBINED CURB & GUTTER (TYPE II)

Scale: N.T.S.



COMBINED CURB & GUTTER (TYPE III)

Scale: N.T.S.

* Longitudinal construction joint and #4 x 3'-0" bars @2'-6" centers. Not necessary for monolithic construction.

DATE	REVISIONS
3/16	2016 Standards
5/2017	Type II C & G dimensions
12/2021	New dimensions- Rolled curb

GENERAL NOTE

Combined curb and gutter or gutter adjoining concrete pavement may, at the contractor's option, be constructed either monolithically or separately, using either the mix used in the concrete pavement or Concrete Grade 3.0 (AE). The combined curb and gutter or gutter shall have the same section as shown on the plans. If constructed monolithically, the longitudinal joint and dowel bars shall be omitted from the combined curb and gutter or gutter. Pavement Joints shall be continued through curb or gutter and no other planes of weakness will be required. Joints in the combined curb and gutter or gutter are to be filled with the same material as used for the pavement joints.

Expansion joints in the combined curb and gutter are to be placed opposite expansion joints in the pavement.

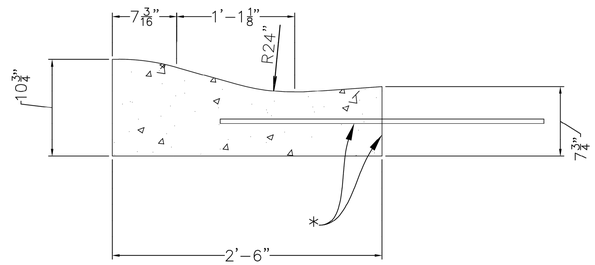
Where combined curb and gutter or gutter does not abut concrete pavement or concrete base course, omit tie bars and place a 1" Preformed Expansion Joint Filler (Type B) cut to the dimensions of the combined curb and gutter or gutter, at a spacing not to exceed 250' and at the ends of curb returns. Planes of weakness shall be constructed at 10'-0" intervals.

A 4' length of transition from normal gutter section to the tapered gutter section shall be used at the ends of each run of gutter except where the gutter abuts a curb, such as at the end of a bridge. Inlets shall be located so as not to fall within this transition section.

Where pressure relief joint is placed across the pavement, and gutter or curb and gutter is continued on for more than 10', use 4"x4" membrane sealant installed with bonding adhesive through gutter section, shaped to fit gutter or curb and gutter. See Std. Drawing RD712 for expansion joint treatment where combined curb and gutter or gutter abuts a bridge wing on a U-type abutment - see bridge drawings.

Longitudinal joints shall be sawed and sealed with joint sealant, see Standard Specifications. If constructed monolithically, the longitudinal joint is not required.

Note: All exposed edges shall be finished with an edging tool. Place a 1" Preformed Expansion Joint Filler (Nonextruding, Type B) at a spacing not to exceed 250'



ROLLED CURB

CITY OF SALINA, KANSAS
PUBLIC WORKS - ENGINEERING - UTILITIES

STANDARD DETAILS
CURB & GUTTER

PROJ. NO. | DATE: | SHEET: 2

FILENAME: 2_Curb Gutter Details1705.dwg | BY:

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	08/13/25	INITIAL ISSUE	MJR	TDA	MJR

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KAW VALLEY ENGINEERING

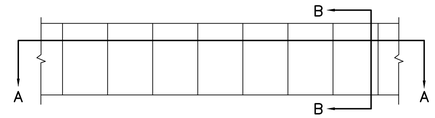
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124 IOWA AVENUE
SALINA, KANSAS 67401

CIVIL PLANS
DETAIL SHEET

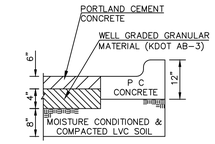
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DESIGNER MJR | DRAWN BY TDA
CFN 3943TYP
SHEET 06 | REV 0

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CONCRETE SIDEWALK 055

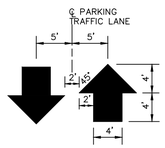
NOTE: CONCRETE SHALL BE CLASS A WITH f'c = 3000 PSI.



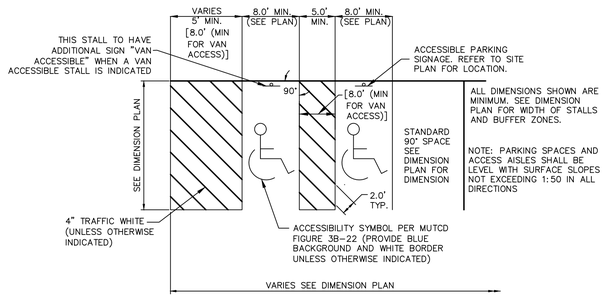
CONCRETE ALTERNATIVE

REGULAR DUTY PAVING 040

1. PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS WITH 6% ENTRAINED AIR ±2% AND SHALL MEET OR EXCEED THE SPECIFICATIONS SET FORTH IN THE LATEST EDITION OF THE KANSAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR STATE ROAD & BRIDGE CONSTRUCTION.

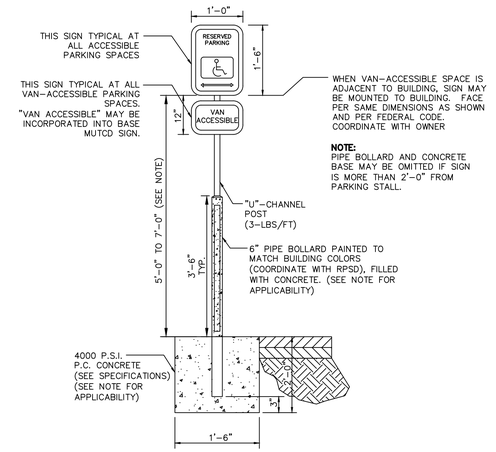


TRAFFIC FLOW ARROW 104



90° SPACE STRIPING

ACCESSIBLE STRIPING 102



ACCESSIBLE PARKING SIGN 120

HEIGHT ABOVE GRADE FOR POLE MOUNTED SIGNS VARIES. TYPICAL INSTALLATION IS 5'-0" ABOVE GRADE. SIGN SHALL BE MOUNTED AT 7'-0" IF IT FALLS WITHIN A WALKING PATH.

REV	DATE	DESCRIPTION	DSN	DWN	CHK
0	08/13/25	INITIAL ISSUE	MJR	TDA	MJR

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DRAWN BY	TDA
CFN	3943TYP
SHEET	07
REV	0

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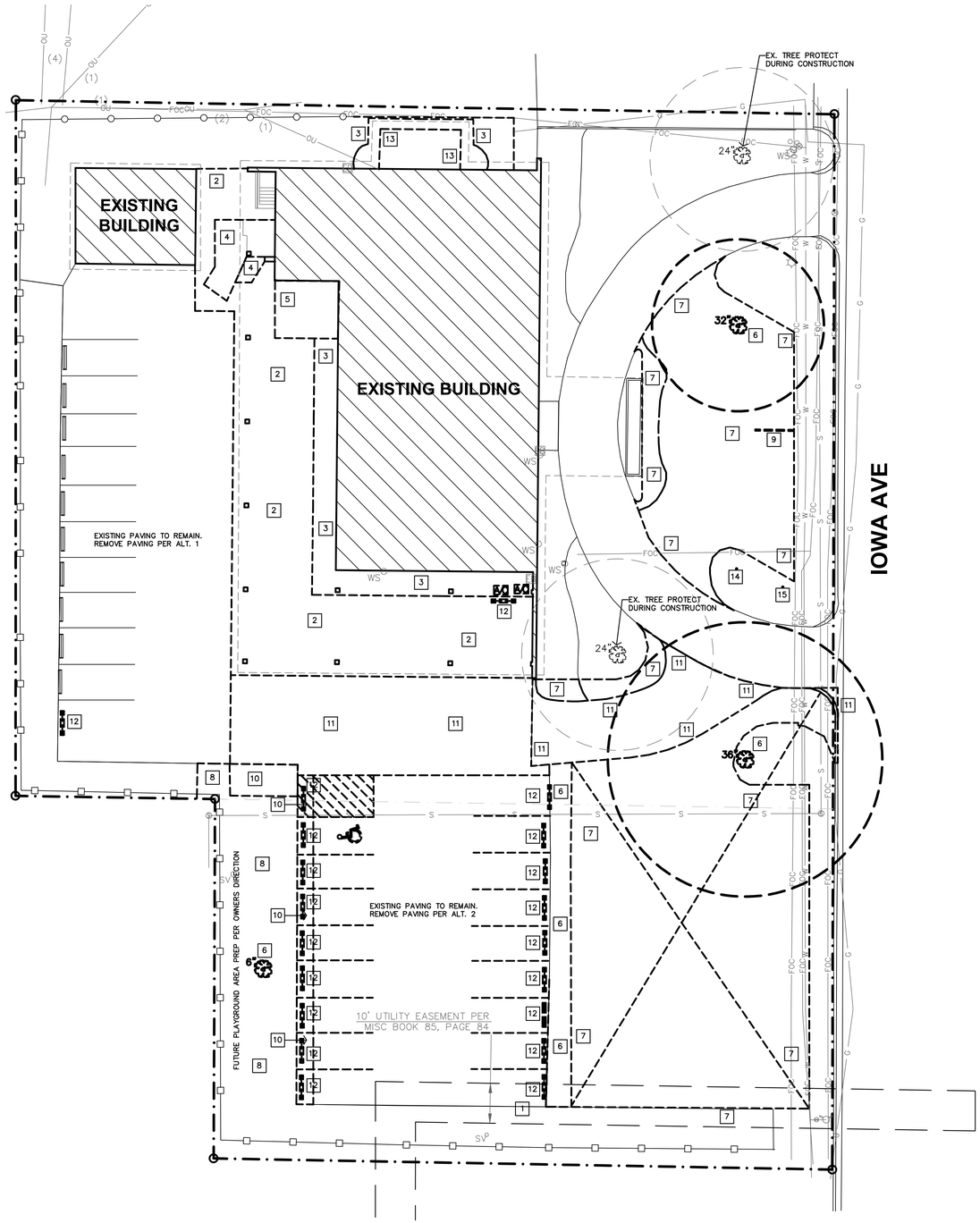
DEMOLITION NOTES

GENERAL

1. WHERE EXIST. BLDG. COMPONENTS ARE TO BE REMOVED; PATCH & REPAIR THE SURFACES TO MATCH EXIST. FINISH, UNLESS NEW FINISHES ARE CALLED FOR IN THE FINISH SCHEDULE.
2. REMOVE EXIST. BLDG. COMPONENTS AS INDICATED, IMPLIED OR AS REQUIRED SCHEMATICALLY SHOWN AS DASHED LINES. FIELD VERIFY ALL LOCATIONS.
3. THE ELECTRICAL & MECHANICAL CONTRACTORS SHALL BE RESPONSIBLE FOR ALL CORE DRILLING FOR PIPING & CONDUIT INSTALLATION.
4. ALL OTHER CUTTING, PATCHING & FINISHING, U.N.O. SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
5. SHORING OF EXISTING STRUCTURE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
6. NOTIFY ARCHITECT IMMEDIATELY IF ASBESTOS OR OTHER HAZARDOUS MATERIAL IS SUSPECTED ON SITE. DO NOT DISTURB UNLESS DIRECTED.
7. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE THE DEMOLITION BY DIFFERING TRADES.
8. CONTRACTOR COORDINATE SCHEDULE & LOCATION OF ANY OR ALL EXISTING RECEPTACLES, SWITCHES, DEVICES, ETC. PRIOR TO DEMOLITION, RELOCATE OR ABANDON ACCORDINGLY.
9. COORDINATE & REFERENCE MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION ITEMS AND DETAILS.
10. ALL DAMAGED PAVING AND LANDSCAPING CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

SPECIFIC

1. REMOVE EXIST. PARKING STRIPING FOR NEW ACCESS ISLE & WHEEL STOP. PREP AREA TO BE RE-STRIPED/PAINTED
2. SAWCUT & REMOVE EXISTING PAVING AS REQ'D FOR ADDITION.
3. SAWCUT & REMOVE EXISTING CONCRETE SIDEWALK.
4. SAWCUT & REMOVE EXISTING CONCRETE DOCK, RAMP & RAILING.
5. SAWCUT & REMOVE EXISTING MASONRY WALL, DOOR & FRAME.
6. REMOVE EXISTING LANDSCAPING AND SALVAGE EXIST. LANDSCAPING ROCK.
7. REMOVE EXISTING GRASS & DIRT AS REQ'D FOR NEW PARKING PAVING. REF. CIVIL DWGS.
8. REMOVE EXISTING LANDSCAPING ROCK, ETC. & PREP FOR NEW PLAYGROUND AREA PER OWNERS DIRECTION.
9. REMOVE EXISTING SIGNAGE
10. SAWCUT & REMOVE EXISTING PAVING FOR NEW PLAYGROUND.
11. SAWCUT & REMOVE EXISTING PAVING FOR NEW PARKING, PAVING & DRIVE.
12. REMOVE EXISTING WHEEL STOP.
13. REMOVE EXISTING MECHANICAL ENCLOSURE. INCLUDING WALL, LOUVERS, DOOR, ROOF, FOOTING, ETC.
14. REMOVE EXISTING FLAG POLE.
15. REMOVE EXISTING LIGHT POLE.



A **SITE DEMOLITION PLAN**
1/16"=1'-0"

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Kansas City, MO 64108
jgr@jgrarchitects.com

CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

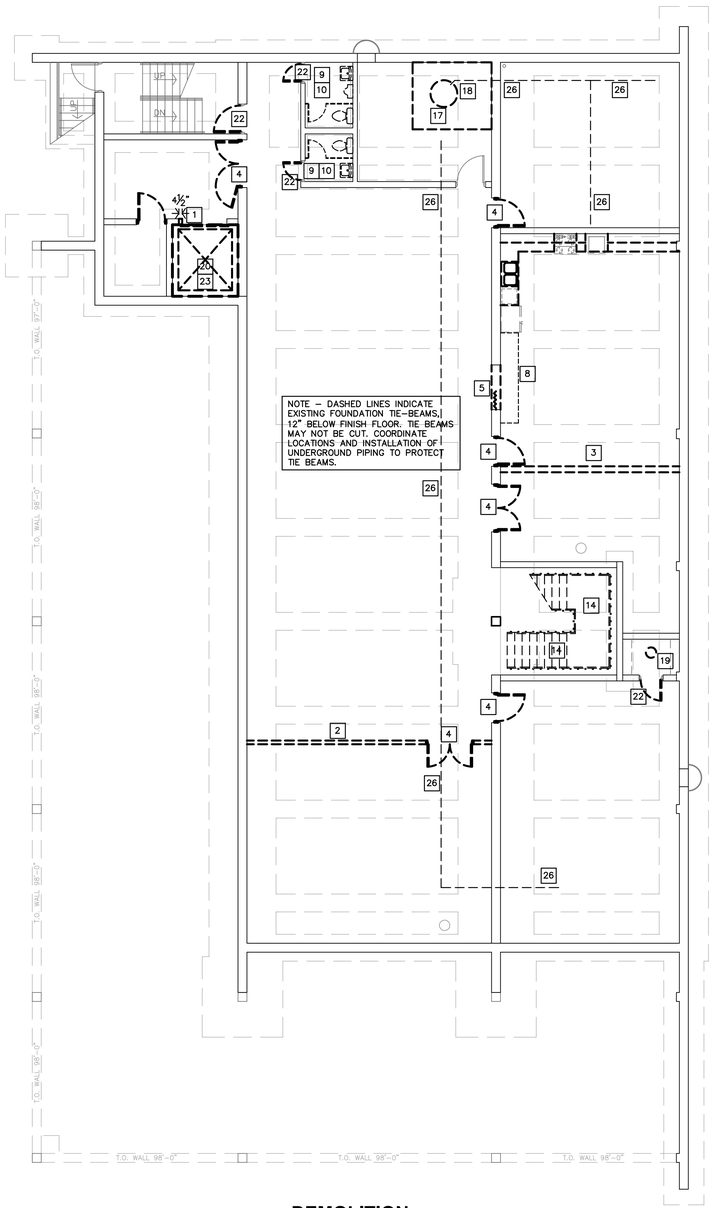
CHARLES A. RENZ
ARCHITECT
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-18-2025
JOB: 24-3459
SHEET NO.:

D1.1

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B **DEMOLITION BASEMENT PLAN**
1/8"=1'-0"

COORDINATE SLAB DEMOLITION WITH INSTALLATION OF NEW UNDERGROUND PIPING PER MECHANICAL.

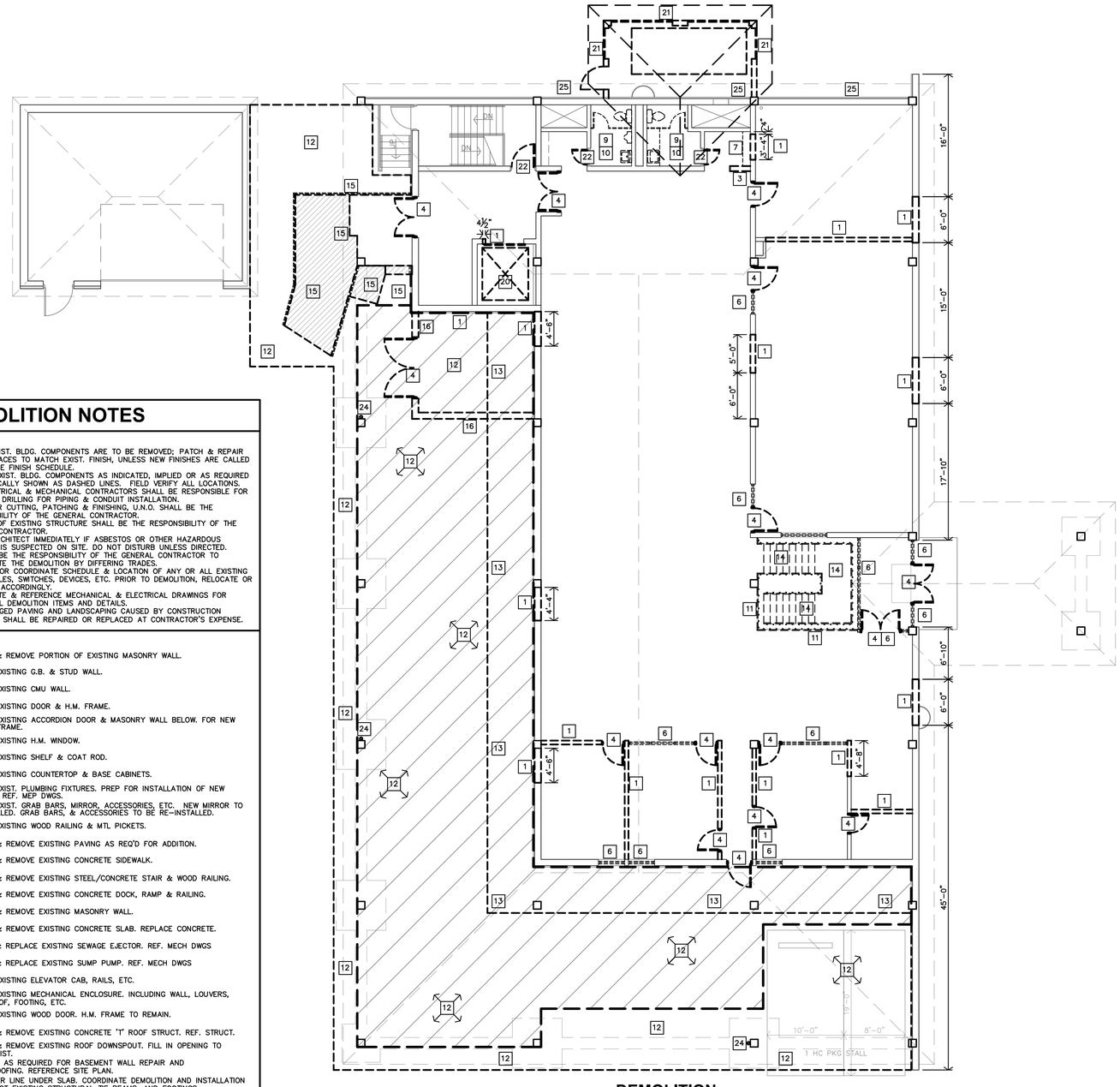
DEMOLITION NOTES

GENERAL

1. WHERE EXIST. BLDG. COMPONENTS ARE TO BE REMOVED; PATCH & REPAIR THE SURFACES TO MATCH EXIST. FINISH, UNLESS NEW FINISHES ARE CALLED FOR IN THE FINISH SCHEDULE.
2. REMOVE EXIST. BLDG. COMPONENTS AS INDICATED, IMPLIED OR AS REQUIRED SCHEMATICALLY SHOWN AS DASHED LINES. FIELD VERIFY ALL LOCATIONS.
3. THE ELECTRICAL & MECHANICAL CONTRACTORS SHALL BE RESPONSIBLE FOR ALL CORE DRILLING FOR PIPING & CONDUIT INSTALLATION.
4. ALL OTHER CUTTING, PATCHING & FINISHING, U.N.O. SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
5. SHORING OF EXISTING STRUCTURE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
6. NOTIFY ARCHITECT IMMEDIATELY IF ASBESTOS OR OTHER HAZARDOUS MATERIAL IS SUSPECTED ON SITE. DO NOT DISTURB UNLESS DIRECTED.
7. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE THE DEMOLITION BY DIFFERING TRADES.
8. CONTRACTOR COORDINATE SCHEDULE & LOCATION OF ANY OR ALL EXISTING RECEPTACLES, SWITCHES, DEVICES, ETC. PRIOR TO DEMOLITION, RELOCATE OR ABANDON ACCORDINGLY.
9. COORDINATE & REFERENCE MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION ITEMS AND DETAILS.
10. ALL DAMAGED PAVING AND LANDSCAPING CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.

SPECIFIC

1. SAWCUT & REMOVE PORTION OF EXISTING MASONRY WALL.
2. REMOVE EXISTING G.B. & STUD WALL.
3. REMOVE EXISTING CMU WALL.
4. REMOVE EXISTING DOOR & H.M. FRAME.
5. REMOVE EXISTING ACCORDION DOOR & MASONRY WALL BELOW. FOR NEW DOOR & FRAME.
6. REMOVE EXISTING H.M. WINDOW.
7. REMOVE EXISTING SHELF & COAT ROD.
8. REMOVE EXISTING COUNTERTOP & BASE CABINETS.
9. REMOVE EXIST. PLUMBING FIXTURES. PREP FOR INSTALLATION OF NEW FIXTURES. REF. MEP DWGS.
10. REMOVE EXIST. GRAB BARS, MIRROR, ACCESSORIES, ETC. NEW MIRROR TO BE INSTALLED. GRAB BARS, & ACCESSORIES TO BE RE–INSTALLED.
11. REMOVE EXISTING WOOD RAILING & MTL PICKETS.
12. SAWCUT & REMOVE EXISTING PAVING AS REQ'D FOR ADDITION.
13. SAWCUT & REMOVE EXISTING CONCRETE SIDEWALK.
14. SAWCUT & REMOVE EXISTING STEEL/CONCRETE STAIR & WOOD RAILING.
15. SAWCUT & REMOVE EXISTING CONCRETE DOCK, RAMP & RAILING.
16. SAWCUT & REMOVE EXISTING MASONRY WALL.
17. SAWCUT & REMOVE EXISTING CONCRETE SLAB. REPLACE CONCRETE.
18. REMOVE & REPLACE EXISTING SEWAGE EJECTOR. REF. MECH DWGS
19. REMOVE & REPLACE EXISTING SUMP PUMP. REF. MECH DWGS
20. REMOVE EXISTING ELEVATOR CAB, RAILS, ETC.
21. REMOVE EXISTING MECHANICAL ENCLOSURE. INCLUDING WALL, LOUVERS, DOOR, ROOF, FOOTING, ETC.
22. REMOVE EXISTING WOOD DOOR. H.M. FRAME TO REMAIN.
23. SAWCUT & REMOVE EXISTING CONCRETE 'T' ROOF STRUCT. REF. STRUCT.
24. SAWCUT & REMOVE EXISTING ROOF DOWNSPOUT. FILL IN OPENING TO MATCH EXIST.
25. EXCAVATE AS REQUIRED FOR BASEMENT WALL REPAIR AND WATERPROOFING. REFERENCE SITE PLAN.
26. NEW SEWER LINE UNDER SLAB. COORDINATE DEMOLITION AND INSTALLATION TO PROTECT EXISTING STRUCTURAL TIE BEAMS. AND FOOTINGS.



A **DEMOLITION FIRST FLOOR PLAN**
1/8"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

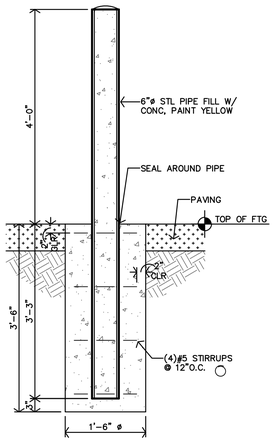
CHARLES A. RENZ
5502
8-18-2025
KANSAS PROFESSIONAL ARCHITECT

REVISION:

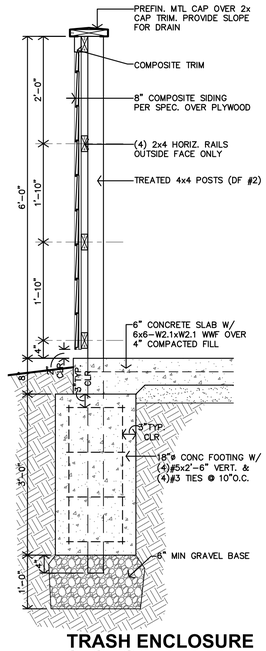
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JOB: 24-3459
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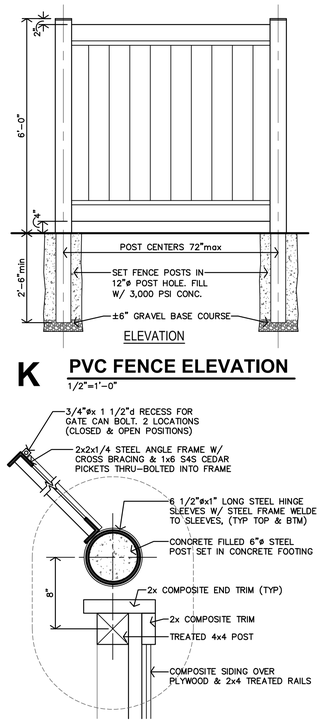
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J BOLLARD DETAIL
3/4"=1'-0"

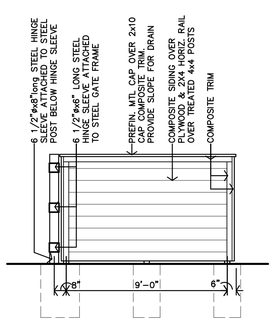


H TRASH ENCLOSURE SECTION
3/4"=1'-0"

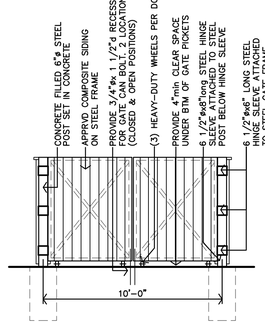


K PVC FENCE ELEVATION
1/2"=1'-0"

G DETAIL
1 1/2"=1'-0"



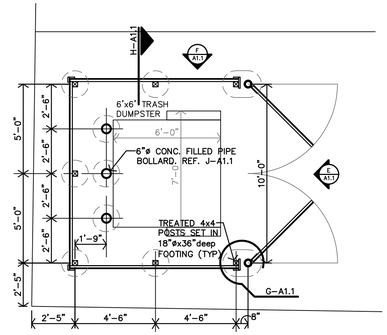
F TRASH ENCLOSURE SIDE ELEVATION
1/4"=1'-0"



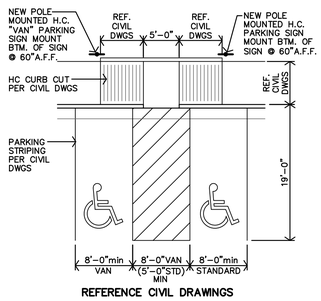
E TRASH ENCLOSURE FRONT ELEVATION
1/4"=1'-0"

GENERAL SITE PLAN NOTES

1. ALL WORK SHALL CONFORM TO ALL LOCAL CODES & ORDINANCES.
2. GENERAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.
3. CONTRACTOR SHALL COORDINATE ALL WORK W/ THE REQUIREMENTS OF THE UTILITY COMPANIES AND THE CITY OF SALINA.
4. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EXISTING GRADES, CURB & GUTTER, ETC. AND INSURE PROPER DRAINAGE ON SITE & AWAY FROM BUILDINGS.
5. FINISH FLOOR ELEVATION SHALL BE VERIFIED BY GENERAL CONTRACTOR AN CONFIRMED W/ PROPOSED GRADING TO PROVIDE DRAINAGE AWAY FROM BUILDING.
6. INSTALL MATERIALS AND FINISHES AS INDICATED, IMPLIED OR AS REQUIRED FOR FINISH INSTALLATION.
7. COORDINATE WITH SITE FEATURES FOR ADDITIONAL DETAILS AND REQUIREMENTS.
8. WHERE CONCRETE ABUTS ANY BUILDING, PROVIDE 3/4" EXPANSION JOINT & SEAL TOP W/ SELF-LEVELING SEALANT.
9. SIDEWALKS : 4" THICK CONC. SLAB W/ 6x6-W1.4xW1.4 OVER 4" COMP. FILL. INSTALL EXPANSION JOINTS IN CONCRETE SIDEWALK PAVING AT ±60' O.C. PROVIDE FILLER MATERIAL AND SEALANT. CONTROL JOINTS SHALL BE LOCATED AT ±60" O.C.
10. NEW PEDESTRIAN SIDEWALKS SHALL NOT HAVE A CROSS SLOPE GREATER THAN 1:50 AND SHALL NOT SLOPE IN THE DIRECTION OF TRAVEL GREATER THAN 1:20.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIRT WORK INCLUDING SUB-GRADE PREPARATION, BUILDING PADS, FINAL GRADING, ETC.
12. COORDINATE WITH MEP AND CIVIL DRAWINGS, CITY OF SALINA AND UTILITY COMPANIES FOR REQUIREMENTS OF CONNECTING TO EXISTING UTILITIES AND METER LOCATIONS.
13. COORDINATE WITH THE CITY OF SALINA FOR ALL WORK IN THE RIGHT-OF-WAY. ALL WORK IN THE RIGHT-OF-WAY SHALL CONFORM TO CITY OF SALINA STANDARDS.
14. ALL DOOR LANDINGS SHALL BE W/IN 1/2" OF INTERIOR FINISH FLOOR ELEVATION. MAXIMUM SLOPE IN ANY DIRECTION SHALL BE 1:50.
15. LANDSCAPING IS TO BE BY CONTRACTOR. ALL AREAS AROUND THE SITE AN AS INDICATED ON THE SITE PLAN SHALL BE FINE GRADED W/ MIN. 2" TOP SOIL. LAWN AREA SHALL GE SUITABLE FOR SEEDING OR SODDING. GRASS SEEDING BY CONTRACTOR. PLANTING PLAN SHALL BE SUBMITTED TO CITY FOR APPROVAL PRIOR TO PLANTING.

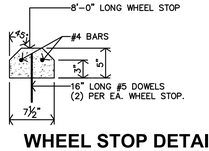


D DOUBLE CONTAINER TRASH ENCLOSURE PLAN
1/4"=1'-0"

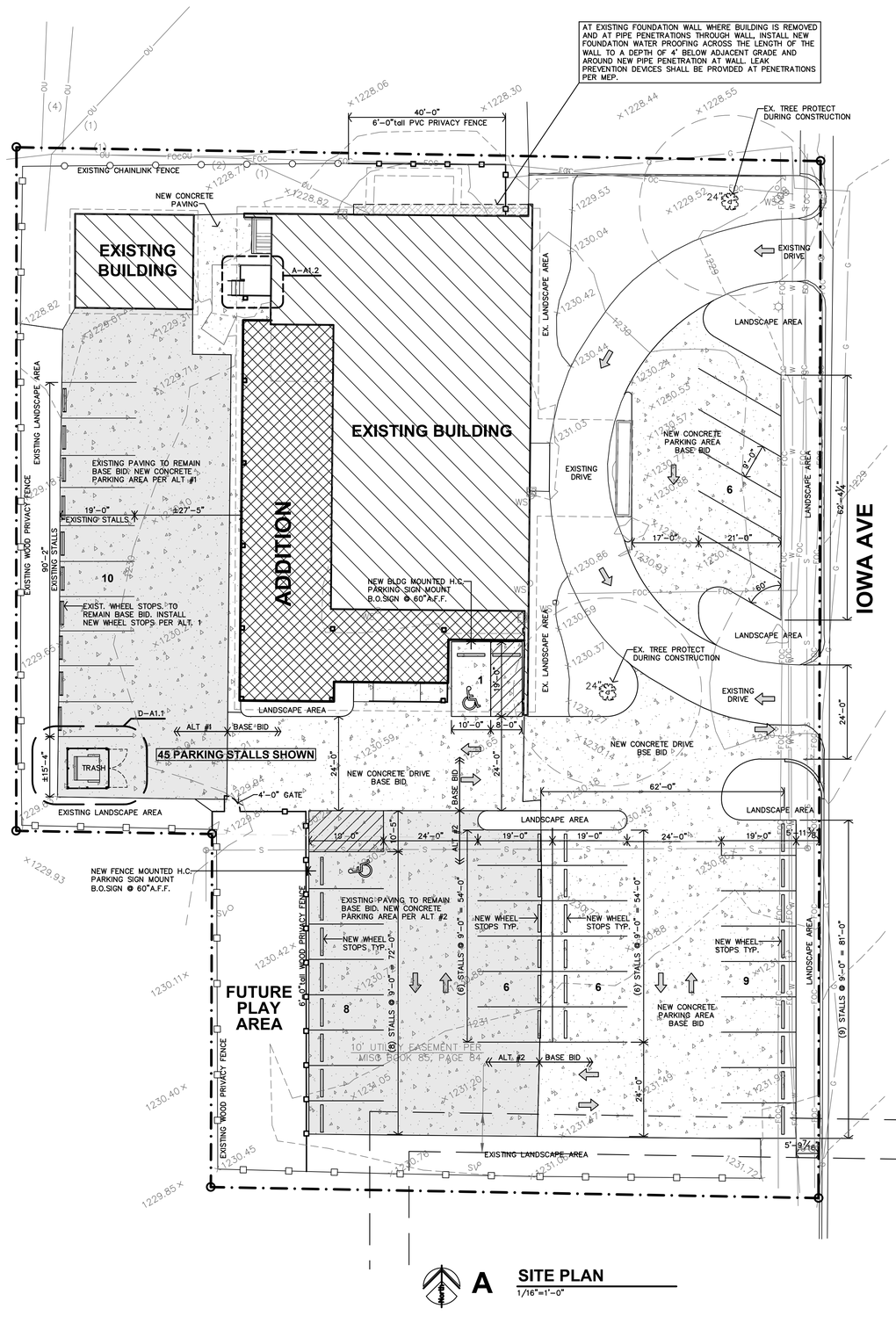


REFERENCE CIVIL DRAWINGS

C TYPICAL ACCESSIBLE PARKING STALLS
1"=10'-0"



B WHEEL STOP DETAIL
1"=1'-0"



A SITE PLAN
1/16"=1'-0"

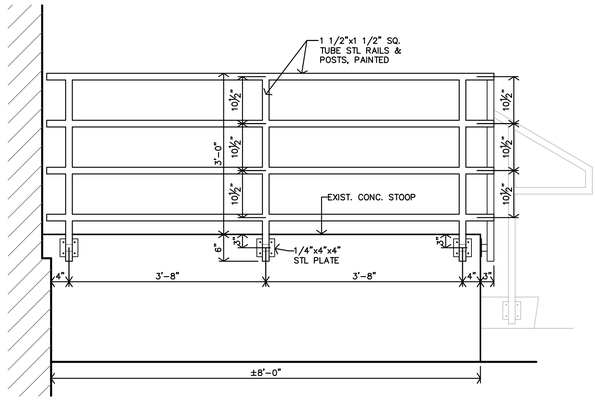
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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

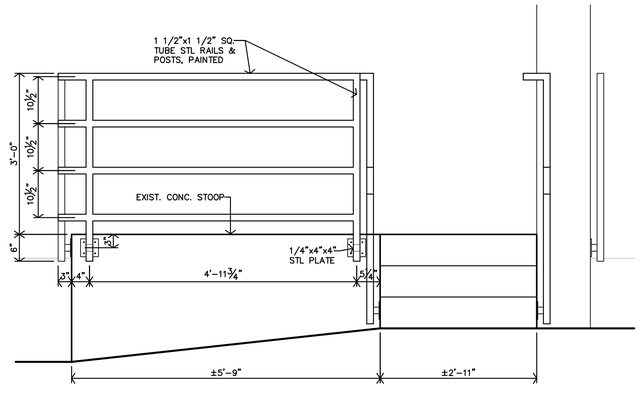
CHARLES A. RENZ LICENSED ARCHITECT 5502 8-18-2025 KANSAS PROFESSIONAL ARCHITECT

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SHEET NO.:	A1.1

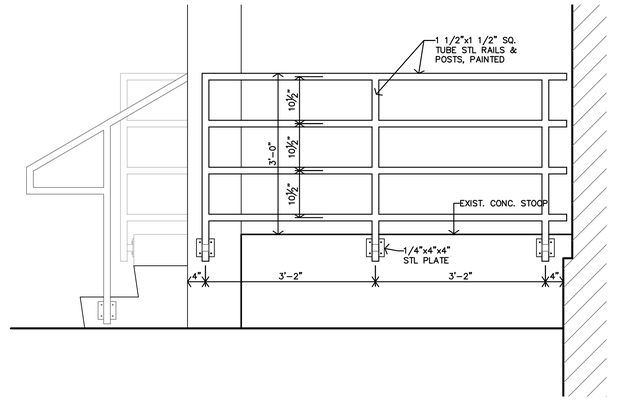
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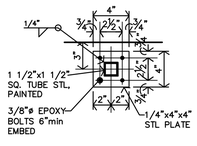
G ELEVATION
3/4"=1'-0"



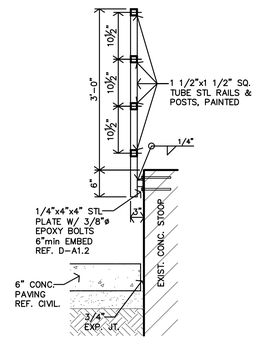
F ELEVATION
3/4"=1'-0"



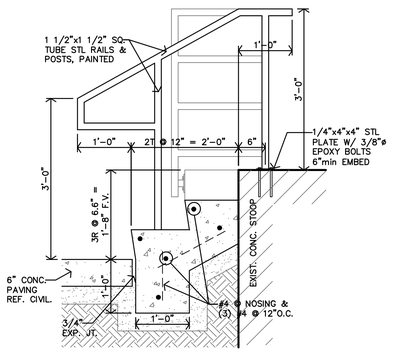
E ELEVATION
3/4"=1'-0"



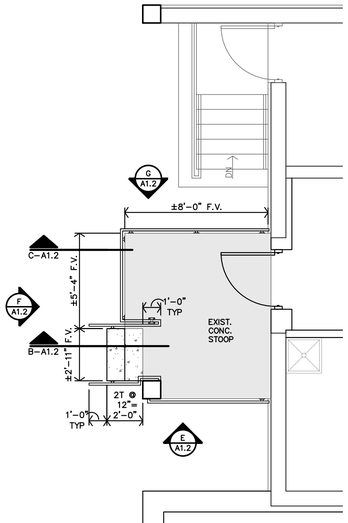
D SECTION
3/4"=1'-0"



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



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



A PARTIAL SITE PLAN
1/4"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

CHARLES A. RENZ
ARCHITECT
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

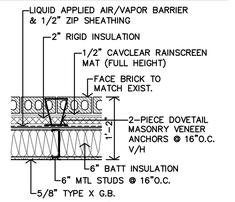
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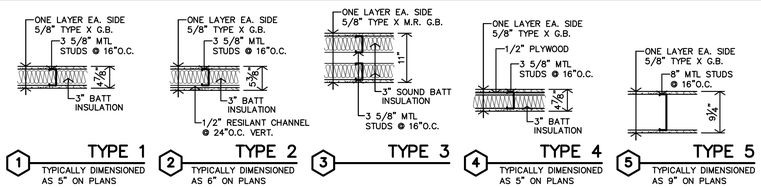
EXTERIOR PARTITION TYPES



A **TYPE A**

INTERIOR PARTITION TYPES

- 5/8" TYPE "X" G.B. AT ALL AREAS
- 5/8" TYPE "X" MOISTURE RESISTANCE G.B. AT ALL WET AREAS
- ALL G.B. WALLS FULL HEIGHT TO B.O. TRUSSES, U.N.O.



1 **TYPE 1** TYPICALLY DIMENSIONED AS 5" ON PLANS

2 **TYPE 2** TYPICALLY DIMENSIONED AS 6" ON PLANS

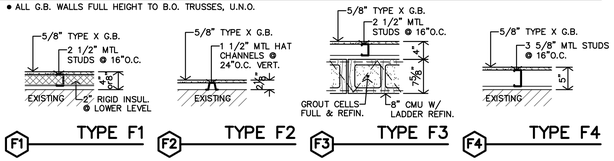
3 **TYPE 3**

4 **TYPE 4** TYPICALLY DIMENSIONED AS 5" ON PLANS

5 **TYPE 5** TYPICALLY DIMENSIONED AS 9" ON PLANS

FURRED PARTITION TYPES

- ALL G.B. WALLS FULL HEIGHT TO B.O. TRUSSES, U.N.O.



F1 **TYPE F1**

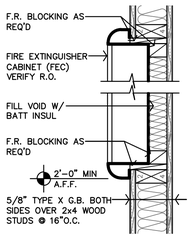
F2 **TYPE F2**

F3 **TYPE F3**

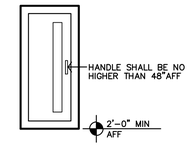
F4 **TYPE F4**

GENERAL NOTES

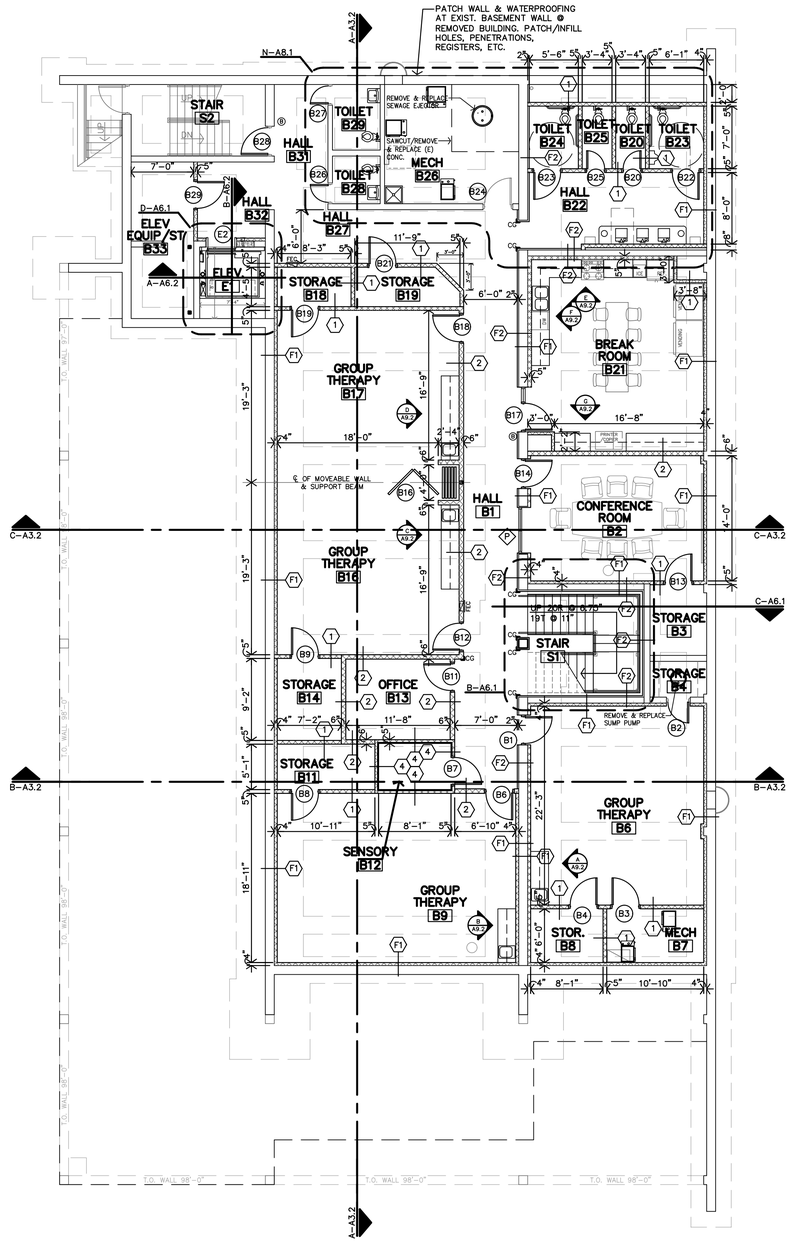
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
2. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS AND FIELD CONDITIONS NOTIFY ARCHITECT PRIOR TO PROCEEDING WITH WORK SO THAT ANY ISSUES MAY BE CLARIFIED.
3. ALL WORK SHALL BE IN CONFORMANCE W/ APPLICABLE BUILDING CODES & ORDINANCES.
4. ALL NEW CONSTRUCTION SHALL BE IN CONFORMANCE TO ADA REQUIREMENTS. REFERENCE ADA FOR TYPICAL MINIMUM CLEARANCE REQ'D.
5. INSTALL MATERIALS AND/OR FINISHES AS INDICATED, IMPLIED OR AS REQUIRED FOR COMPLETE & FINISHED INSTALLATION.
6. ALL NEW DOOR HARDWARE SHALL BE LEVER TYPE LATCH SETS UNLESS NOTED OTHERWISE. COORDINATE W/ MFR. FOR ADA INSTALLATION REQUIREMENTS. COORDINATE KEYING REQUIREMENTS WITH OWNER.
7. DOORS ARE TYPICALLY LOCATED WITH HINGE-SIDE JAMB 4" FROM ADJACENT WALL UNLESS NOTED OTHERWISE OR REQUIRED TO MEET LATCH-SIDE CLEARANCE PER ADA.
8. DIMENSIONS TO NEW INTERIOR WALLS ARE TO THE FACE OF G.B. U.N.O.
9. ALL FURNITURE SHOWN IS TO BE PROVIDED BY OWNER.
10. FEC – INDICATES NEW RECESSED FIRE EXTINGUISHER CABINET.
11. Ⓑ – INDICATES LOCATIONS OF BADGE ACCESS CONTROL REF. SPECS.
12. CG – INDICATES LOCATION OF FULL HEIGHT CORNER GUARDS.



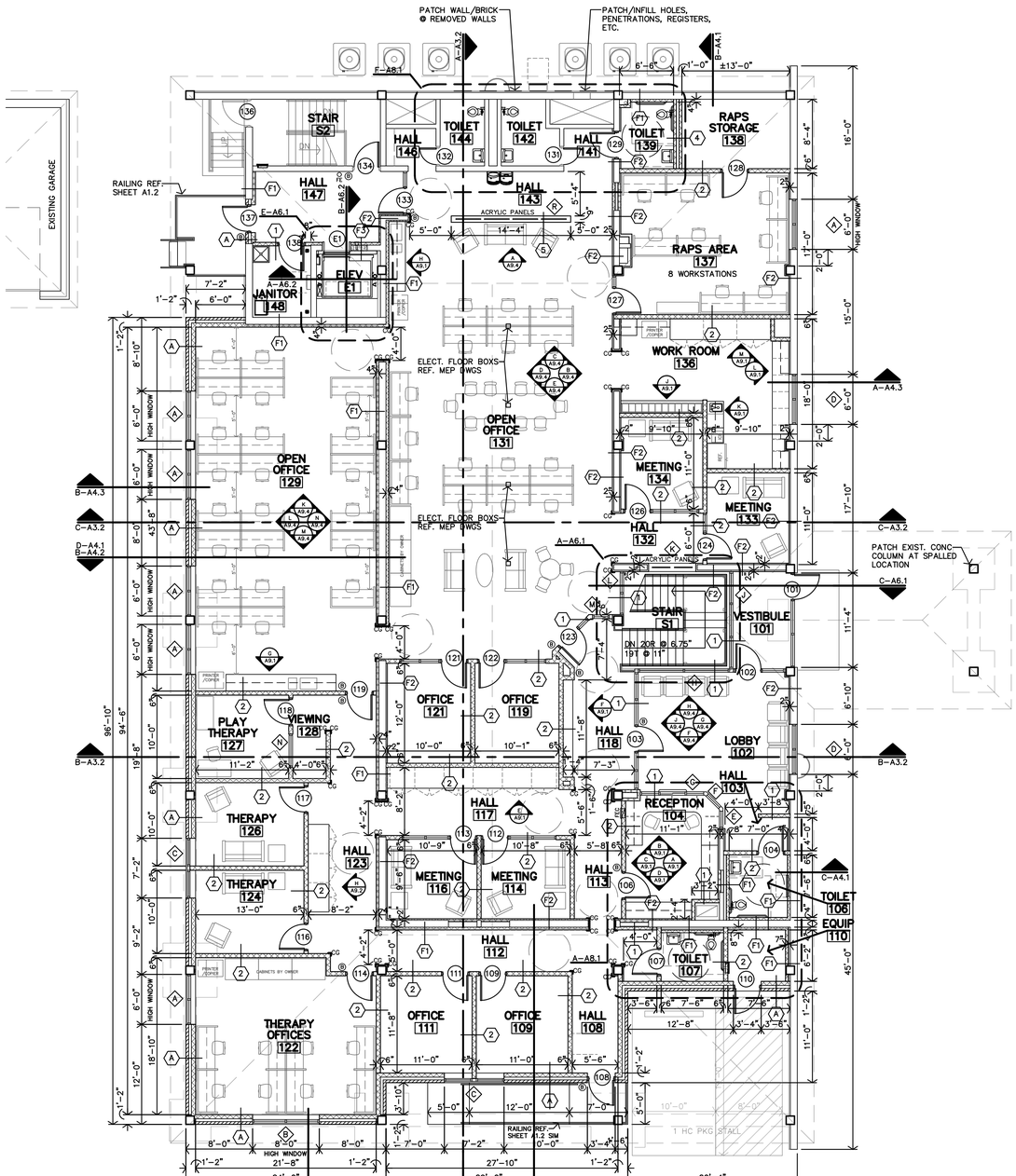
D **FIRE EXTINGUISHER CABINET DTL**
1 1/2"=1'-0"



C **TYPICAL FEC MOUNTING HGT**
3/4"=1'-0"



B **BASEMENT PLAN**
1/8"=1'-0"



A **FIRST FLOOR PLAN**
1/8"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

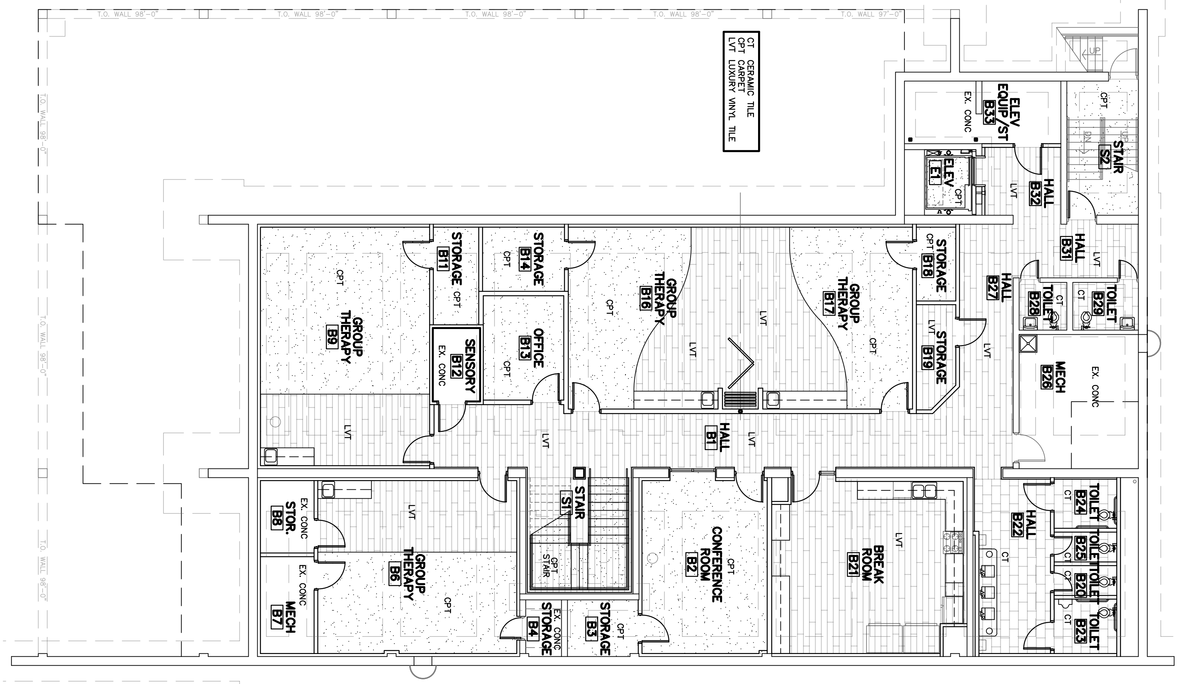
CHARLES A. RENZ LICENSED 5502 8-18-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:

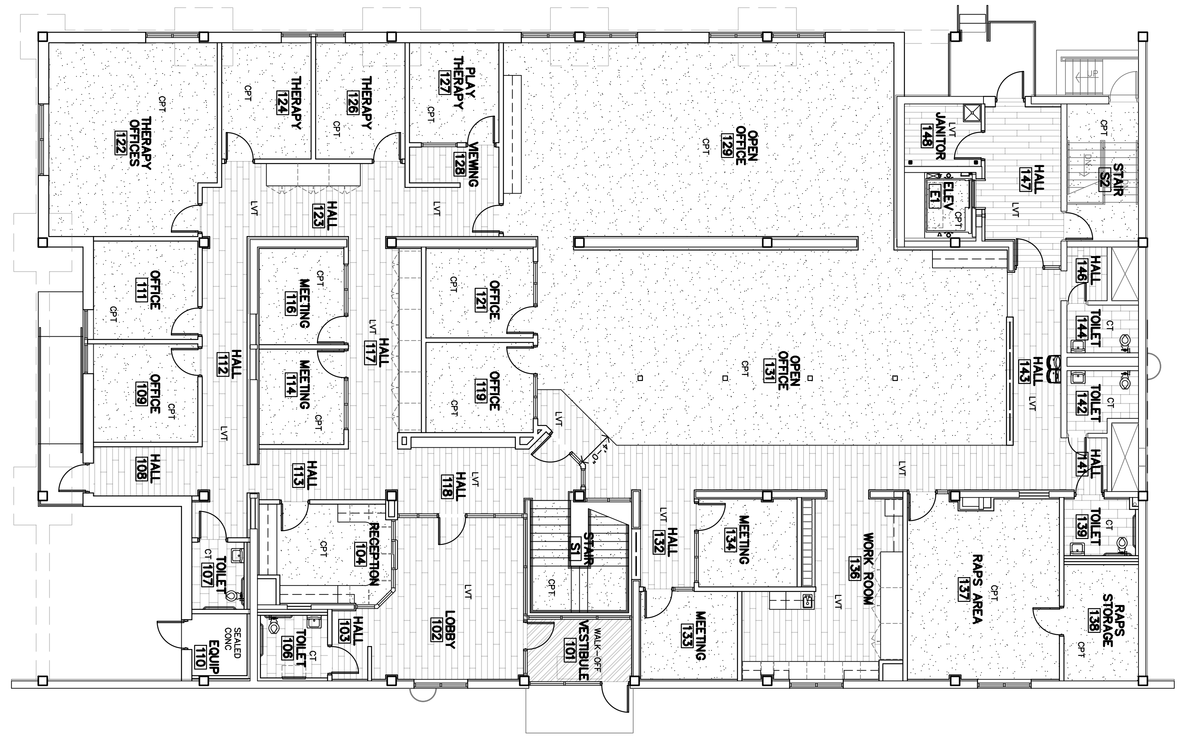
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B BASEMENT PLAN
1/8"=1'-0"



A FIRST FLOOR PLAN
1/8"=1'-0"

CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

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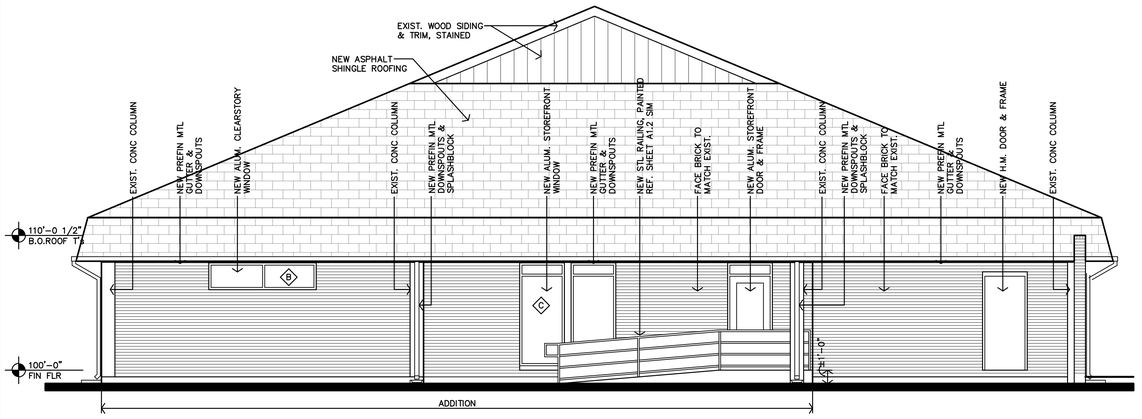
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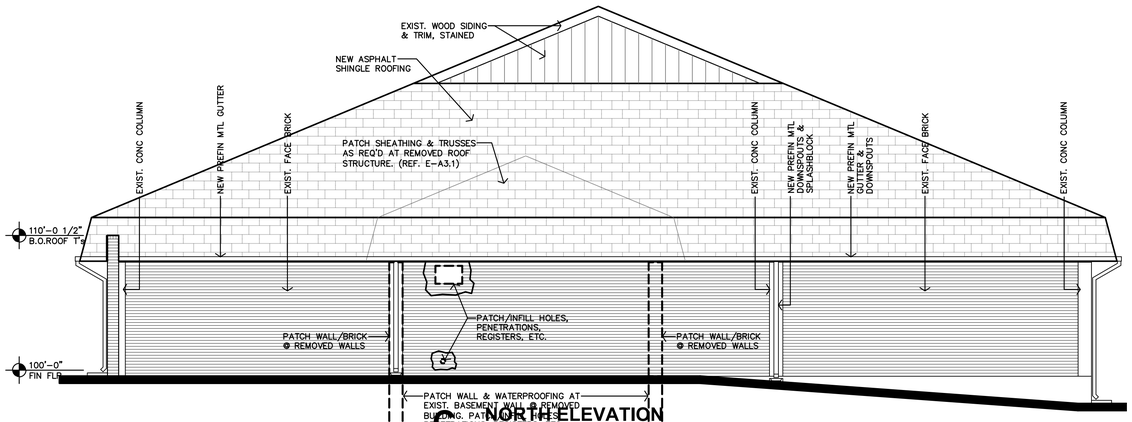
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CHARLES A. CLEVELAND 5502 8-18-2025 REGISTERED ARCHITECT

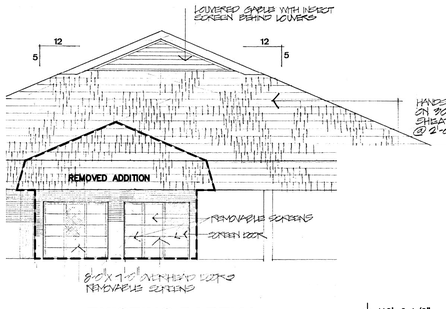
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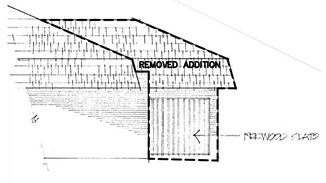
D SOUTH ELEVATION
3/16"=1'-0"



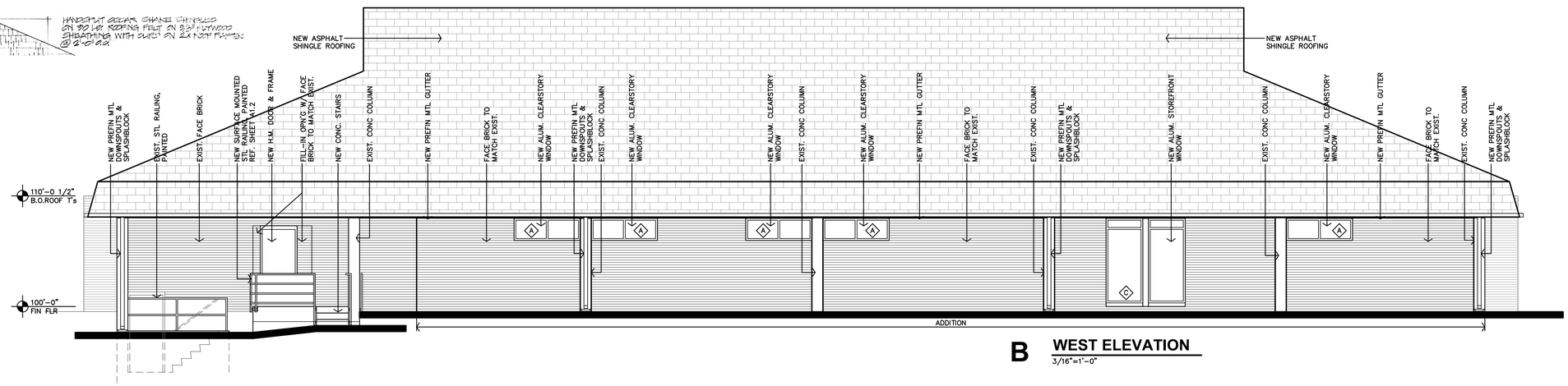
C NORTH ELEVATION
3/16"=1'-0"



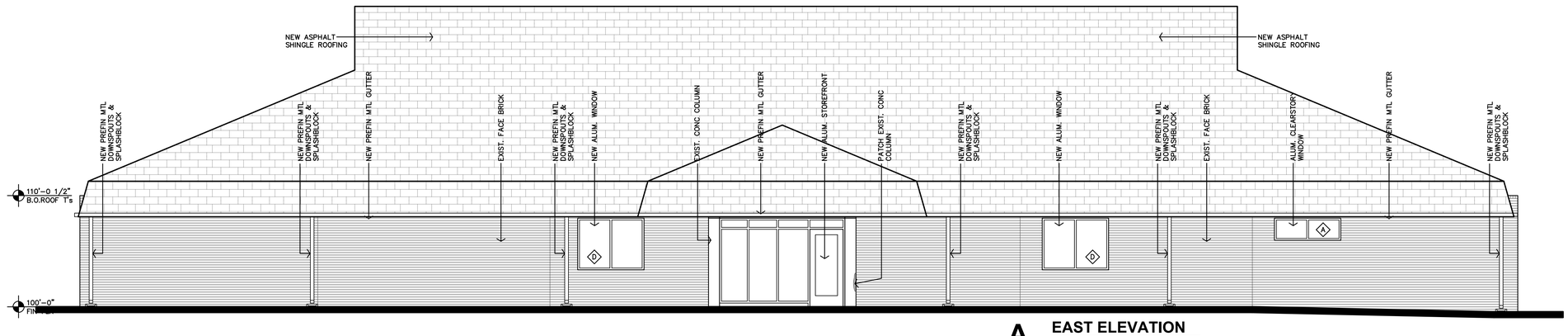
E EXISTING PARTIAL NORTH ELEVATION
NOT TO SCALE



F EXISTING PARTIAL EAST ELEVATION
NOT TO SCALE



B WEST ELEVATION
3/16"=1'-0"



A EAST ELEVATION
3/16"=1'-0"

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REMODEL & ADDITION
SALINA, KANSAS

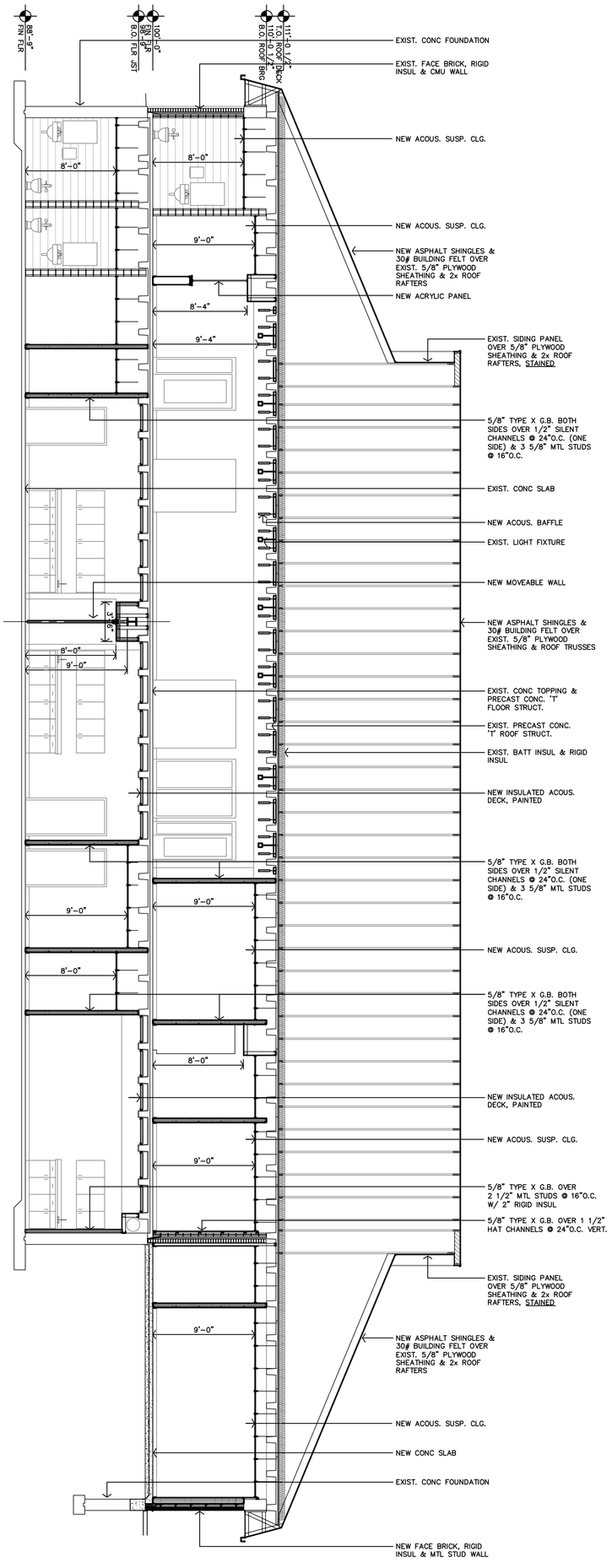
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LICENSED
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

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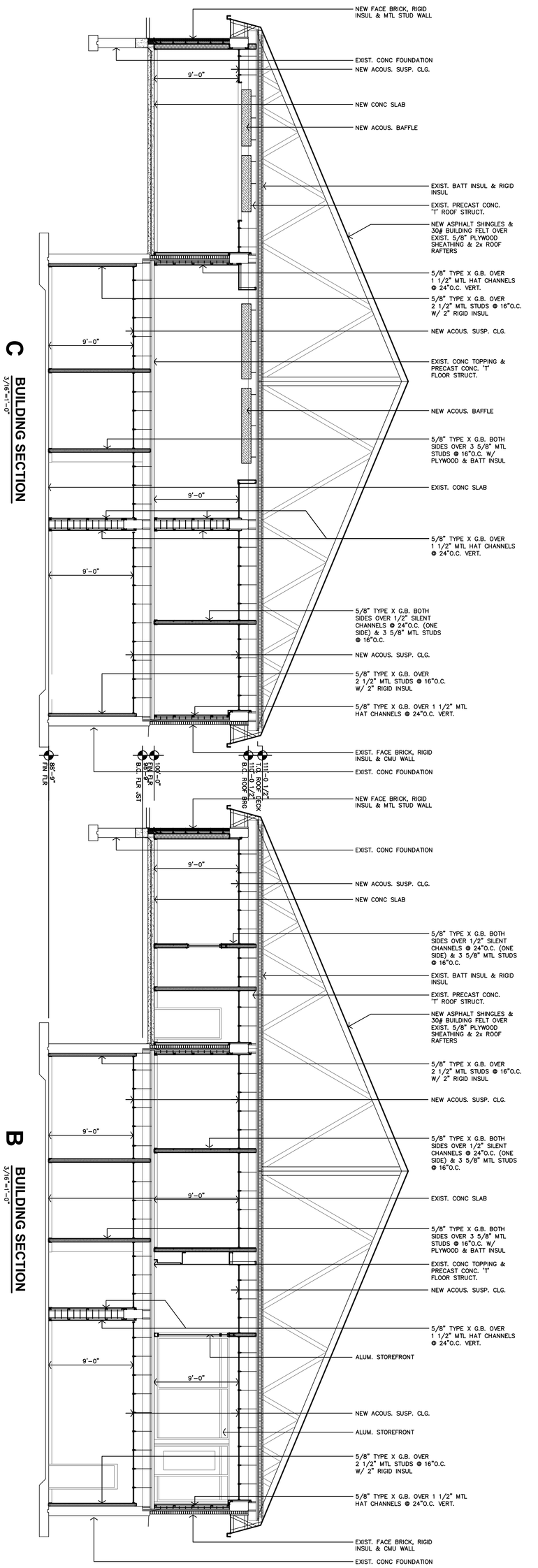
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A BUILDING SECTION
3/16"=1'-0"



C BUILDING SECTION
3/16"=1'-0"

B BUILDING SECTION
3/16"=1'-0"

CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

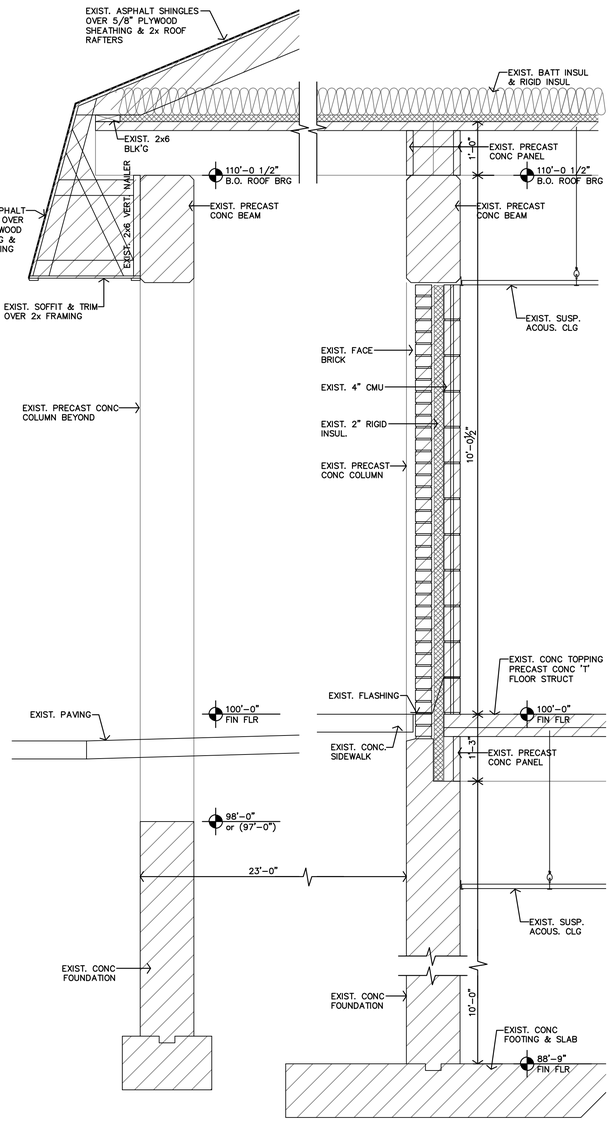
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CHARLES A. KELLY — 5502 — 8-18-2025 — REGISTERED ARCHITECT — KANSAS

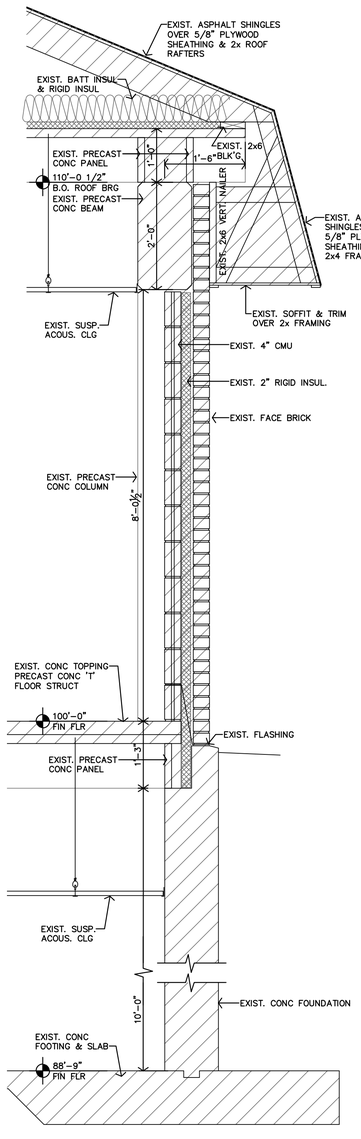
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JOB: 24-3459
SHEET NO.: **A3.2**

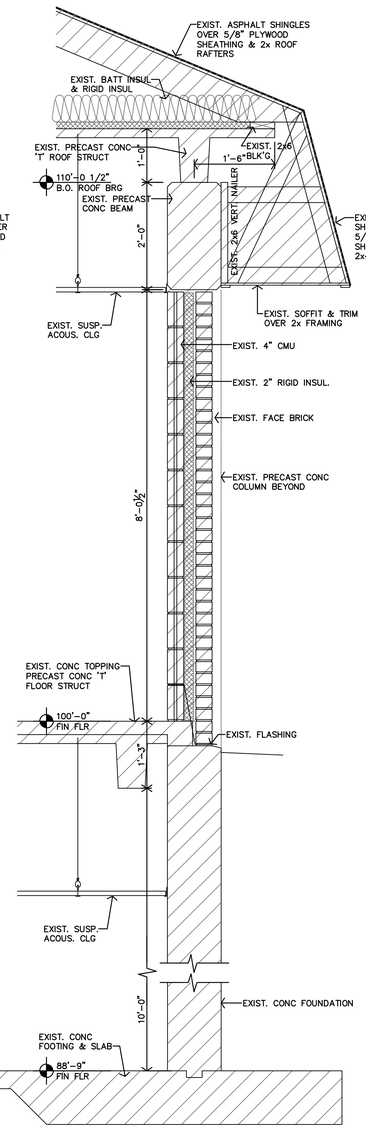
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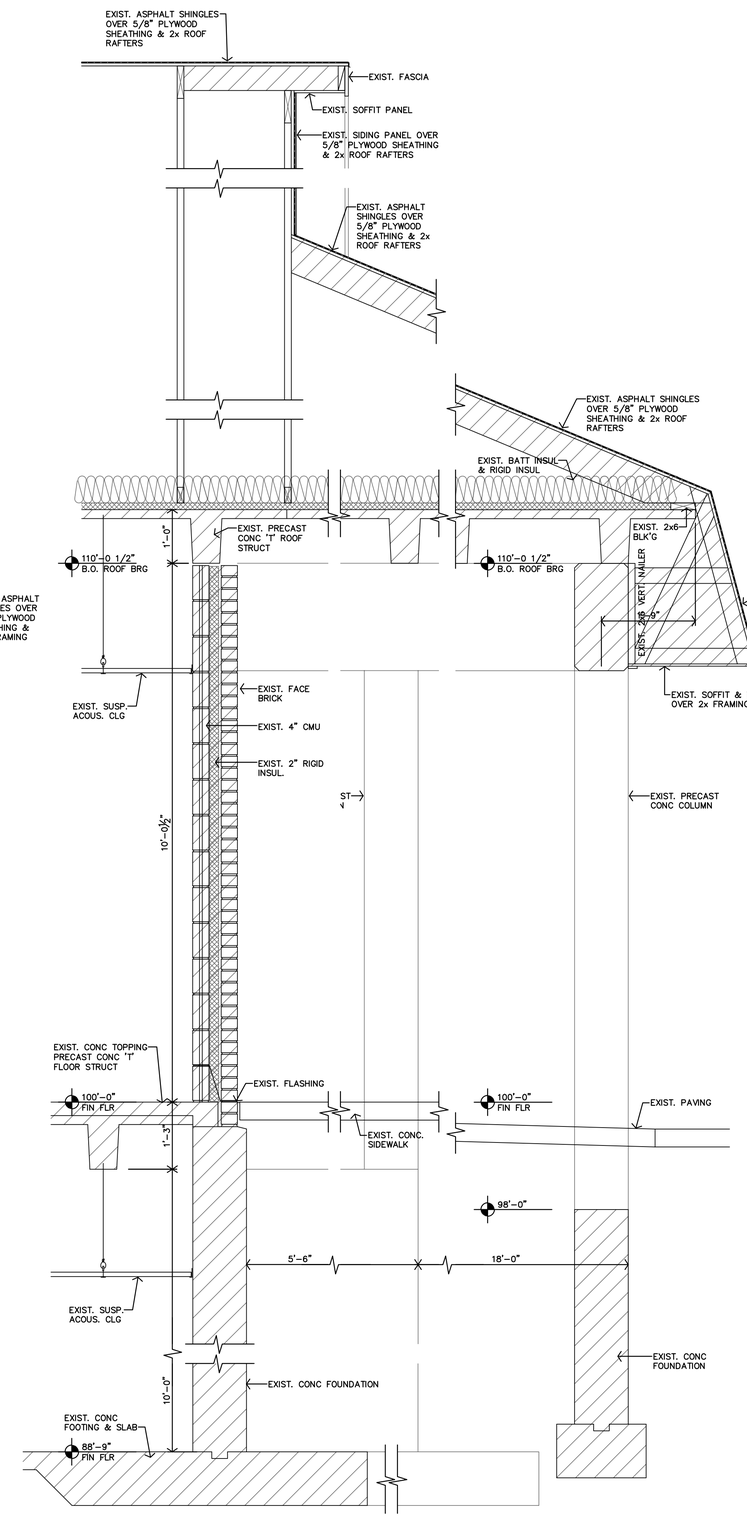
D **EXISTING WEST WALL SECTION**
3/4"=1'-0"



C **EXISTING EAST WALL SECTION**
3/4"=1'-0"



B **EXISTING NORTH WALL SECTION**
3/4"=1'-0"



A **EXISTING SOUTH WALL SECTION**
3/4"=1'-0"

EXISTING WALL SECTION FOR REFERENCE ONLY

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785.827.0386
jgr@jgrarchitects.com

CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

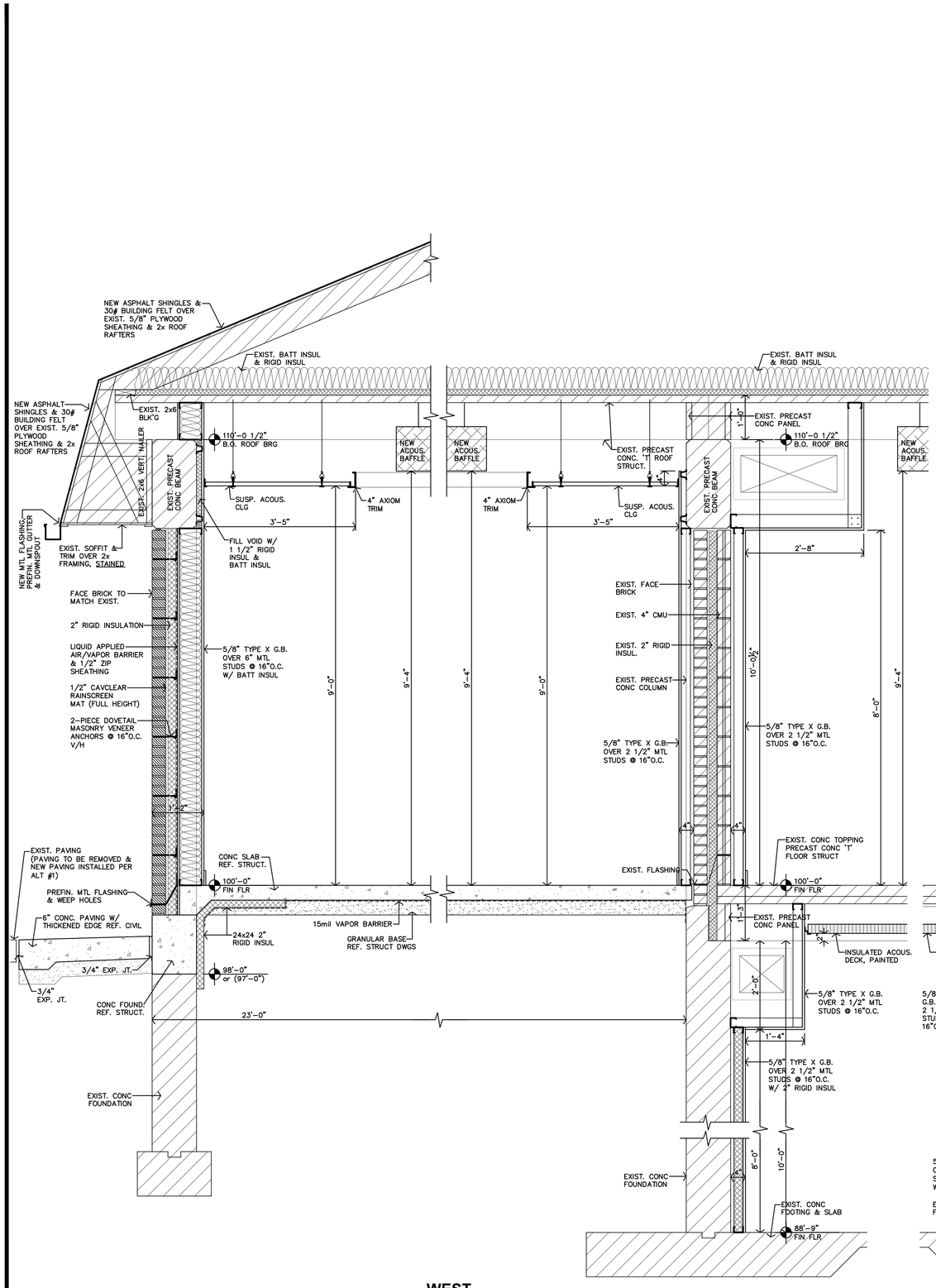
CHARLES A. RENZ
LICENSED ARCHITECT
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

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JOB: 24-3459
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B WEST WALL SECTION
3/4"=1'-0"

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

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CHARLES A. RENZ LICENSED ARCHITECT 5502 8-18-2025 KANSAS PROFESSIONAL ARCHITECT

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JOB: 24-3459
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B **WEST WALL SECTION**
3/4"=1'-0"

A **EAST WALL SECTION**
3/4"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

CHARLES A. RENZ
ARCHITECT CERTIFICATE
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

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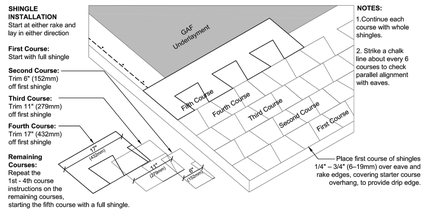
ROOFING GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
2. MANUFACTURER & INSTALLER SHALL BE RESPONSIBLE FOR TOTAL ROOF SYSTEM INCLUDING TRANSITIONS, FLASHINGS, ETC. TO MAINTAIN WATER TIGHT ROOF SYSTEM. SUBMIT MANUFACTURERS AND ROOFING SYSTEMS PER THE GENERAL CONDITIONS.
3. MANUFACTURER SHALL WARRANT TOTAL ROOF SYSTEM.
4. REF STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATIONS.
5. PLUMBING VENT STACKS, FLUES, FRESH AIR INTAKES, ETC. NOT SHOWN FOR CLARITY. VERIFY LOCATION WITH MECHANICAL & PLUMBING DRAWINGS.
6. d.s. = INDICATES DOWNSPOUT LOCATIONS.
7. CONTRACTOR SHALL COORDINATE DOWNSPOUT LOCATIONS & SPLASH PADS. REFERENCE CIVIL DRAWINGS.
8. CONTRACTOR TO PROVIDE & INSTALL BIRD STOP @ RIDGE EAVE & RAKE PER MANUF. REQUIREMENTS & DETAILS.
9. CAULK & SEAL WATERTIGHT ALL JOINTS & TRANSITIONS.
10. ALL METAL MATERIALS (I.E. VALLEYS, FLASHINGS, ETC...) SHALL BE PER MANUFACTURES SPECS OR RECOMMENDATIONS AND PRE-FINISHED GALVANIZED OR ALUM. ZINC ALLOY. ALL FASTENERS MUST BE COMPATIBLE WITH ASSOCIATED METALS/MATERIALS. METALS MUST BE INSTALLED PER SMACNA's "ARCHITECTURAL SHEET METAL MANUAL."
11. CONTRACTOR TO USE NAILS FOR FASTENING SHINGLES, OR ROOF PANELS AND SYSTEMS. STAPLES ARE NOT ALLOWED.
12. CONTRACTOR MUST COMPLY WITH ALL STATE & LOCAL CODES & REGULATIONS.
13. CONTRACTOR TO INSTALL ICE & WATER SHIELD @ ALL RIDGE, HIP, VALLEY, SLOPE TRANSITIONS & METAL FLASHING

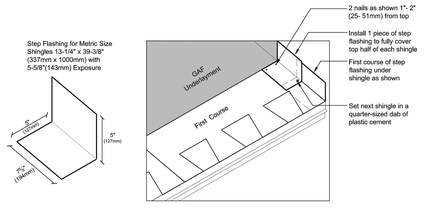
ROOFING DETAIL NOTES

1. REFERENCE TYPICAL MANUFACTURER'S DETAILS ACTUAL CONDITIONS MAY VARY, REFER AND COORDINATE W/ BUILDING DETAILS PROVIDING THE MANUFACTURER'S MOST STRINGENT REQUIREMENTS, RECOMMENDATIONS, NECESSARY TO ACHIEVE COMPLETE WATERTIGHT WARRANTY.

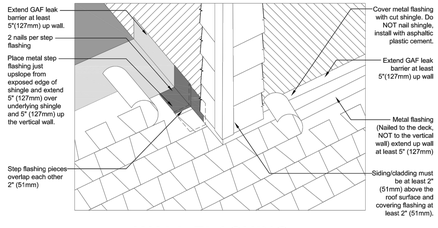
ASPHALT SHINGLES



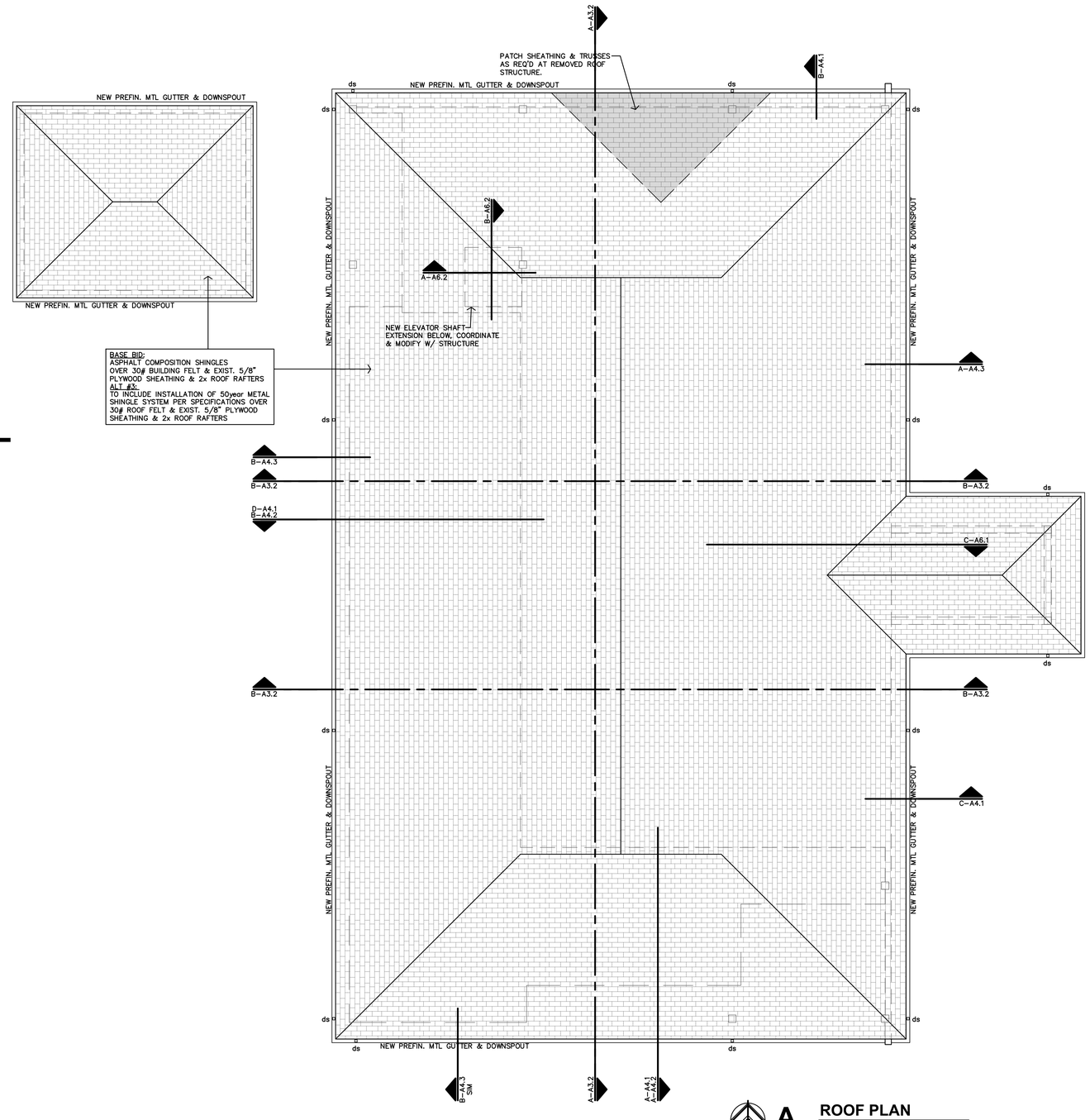
D SHINGLE INSTALLTION
NO SCALE



C STEP FLASHING
NO SCALE



B WALL FLASHING
NO SCALE



A ROOF PLAN
1/8"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

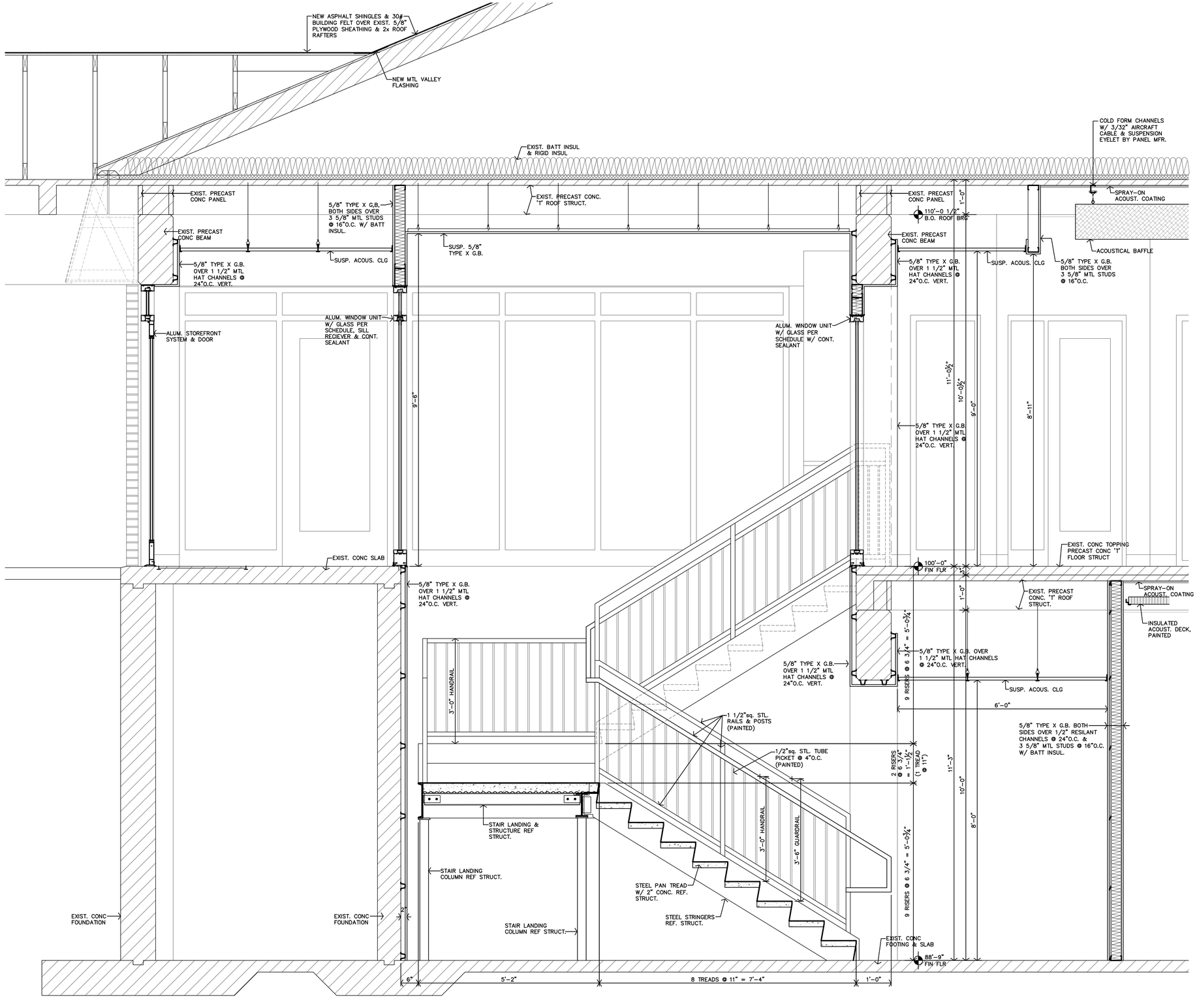
CHARLES A. RENZ
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

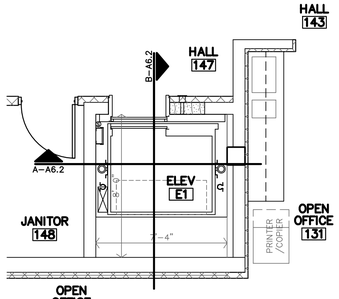
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JOB: 24-3459
SHEET NO.:

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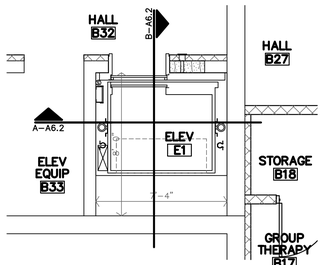
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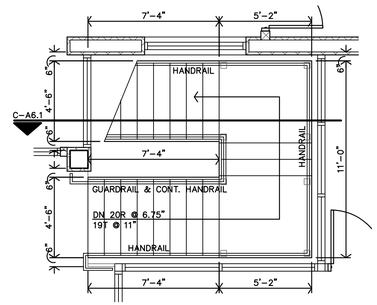
C **STAIR S1 SECTION**
3/4"=1'-0"



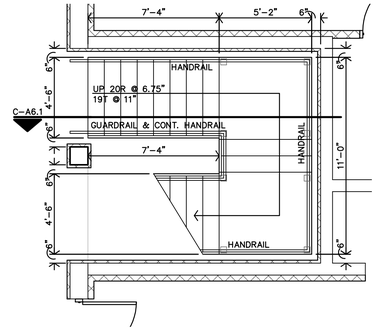
E **ELEVATOR E1 FIRST FLOOR PLAN**
1/4"=1'-0"



D **ELEVATOR E1 BASEMENT PLAN**
1/4"=1'-0"



B **STAIR S1 FIRST FLOOR PLAN**
1/4"=1'-0"



A **STAIR S1 BASEMENT PLAN**
1/4"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

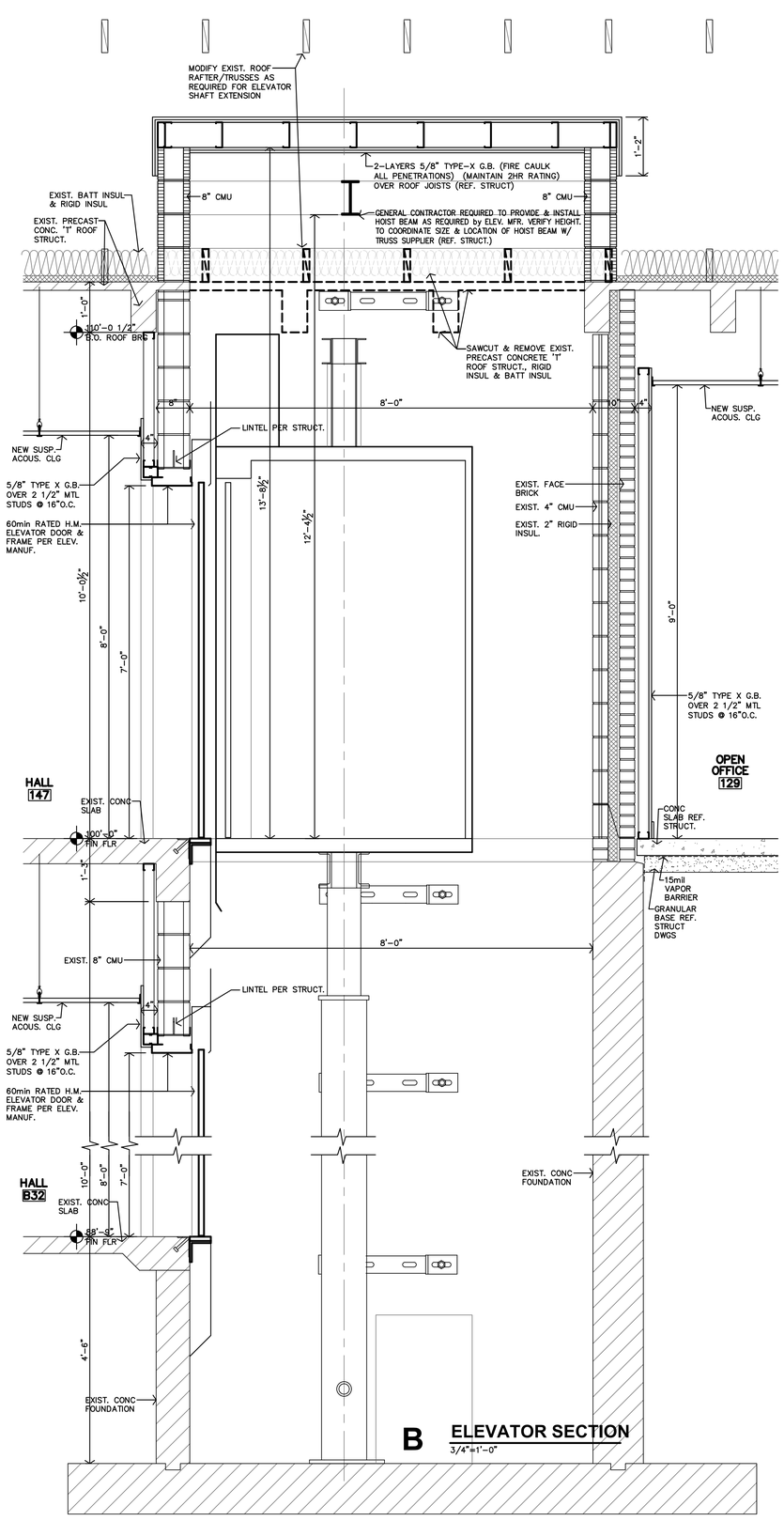
CHARLES A. RENZ LICENSED 5502 8-18-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-18-2025
JOB: 24-3459
SHEET NO.:

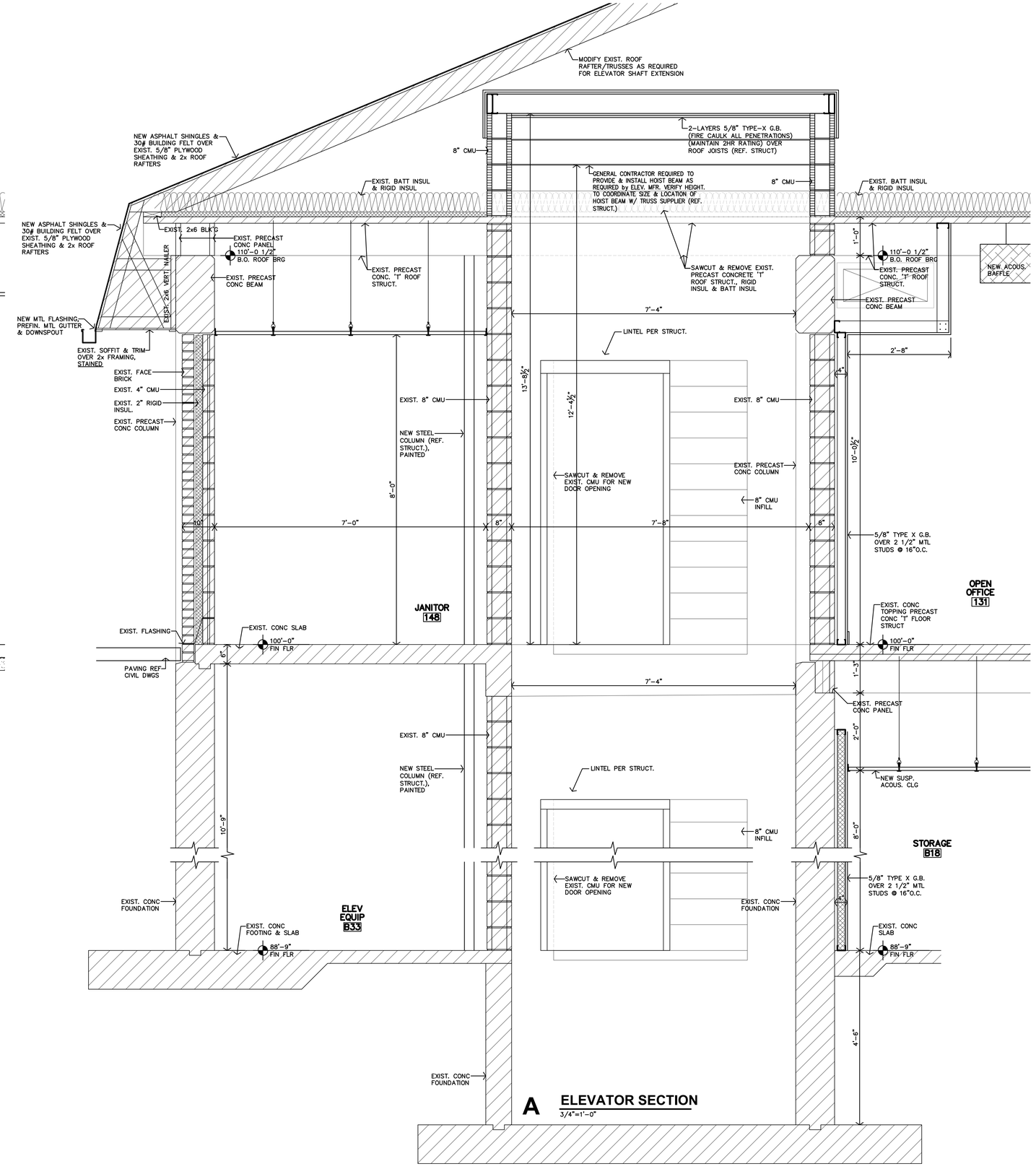
A6.1

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B ELEVATOR SECTION

3/4"=1'-0"



A ELEVATOR SECTION

3/4"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

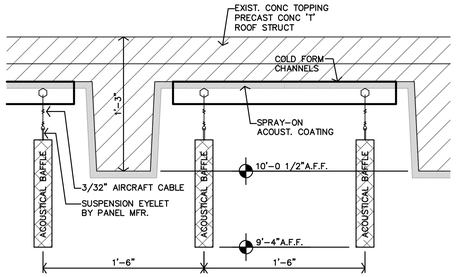
SALINA, KANSAS

CHARLES A. RENZ LICENSED 5502 8-18-2025 KANSAS PROFESSIONAL ARCHITECT

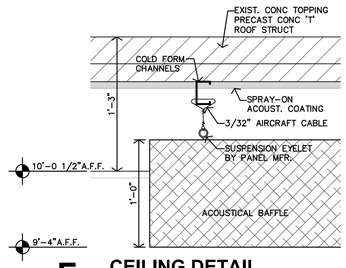
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DATE: 8-18-2025
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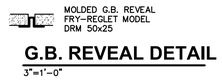
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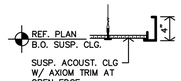
G **CEILING DETAIL**
1 1/2"=1'-0"



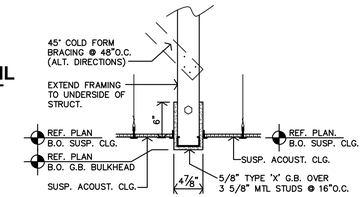
F **CEILING DETAIL**
1 1/2"=1'-0"



E **G.B. REVEAL DETAIL**
3"=1'-0"



D **CEILING DETAIL**
1"=1'-0"



C **CEILING DETAIL**
1"=1'-0"

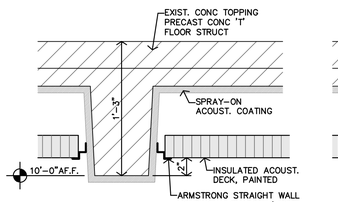
CEILING TYPES	
REFER SPECIFICATIONS	
1	2x2 FISSURED
AC	ACOUSTICAL DECK
BF	ACOUSTICAL BAFFLE
GB	GYP BD (PAINTED)
ST	EXPOSED STRUCTURE & DECK
EX	EXISTING

1 / 9'-8" — CLG. TYPE / CLG. HEIGHT A.F.F.

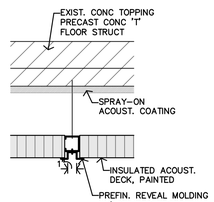
REFLECTED CEILING PLAN NOTES

GENERAL

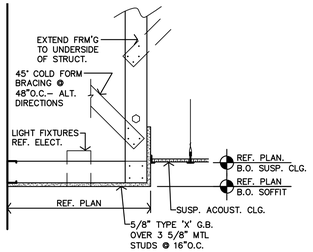
1. CONTRACTOR SHALL COORDINATE CEILING LAYOUT WITH MECHANICAL AND ELECTRICAL FIXTURE LOCATIONS. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICT OF DISCREPANCY.
2. MECHANICAL/ELECTRICAL FIXTURES AT RATED CEILINGS SHALL BE HUNG IN CONFORMANCE TO U.L. SYSTEM REQUIREMENTS.
3. CEILING MOUNTED MECHANICAL EQUIPMENT AND SUSPENDED MECHANICAL EQUIPMENT MUST BE SUSPENDED DIRECTLY FROM THE STRUCTURE.
4. AREAS ABOVE THE FINISHED CEILING ARE PART OF A RETURN AIR PLENUM. ALL MATERIALS INCLUDING THE INSULATION SHALL HAVE FLAME SPREAD LESS THAN 25 AND SMOKE DEVELOPED LESS THAN 50
5. SPECIAL CEILING GRID FRAMING IS REQUIRED AT SOME CEILING MOUNTED MECHANICAL EQUIPMENT. CONTRACTOR SHALL COORDINATE WITH MECHANICAL UNITS AND PROVIDED ALL SUSPENSION, TRIM, CLIPS, ETC. AS REQUIRED FOR A NEAT, FINISHED, AND SECURE CEILING SYSTEM.
6. WHERE SUSPENSION DEVICES, WIRES, RODS, ETC. PENETRATE CEILING GRID AND/OR TILE OR G.B. PENETRATIONS SHALL BE NEAT AND CLEANLY CUT. PENETRATION OPENING SHALL BE AS SMALL AS POSSIBLE. SEAL AT G.B.
7. ALL SOUND WALLS SHALL EXTEND TO STRUCTURE OR DECK, TAPE SEAL AT TOP.
8. SEAL VOIDS AT TOPS OF WALLS AND PENETRATIONS WITH U.L. LISTED FIRE BATT INSULATION, PILLOWS, AND/OR FIRE SEALANT AS REQUIRED BY CONDITION AT RATED WALLS.



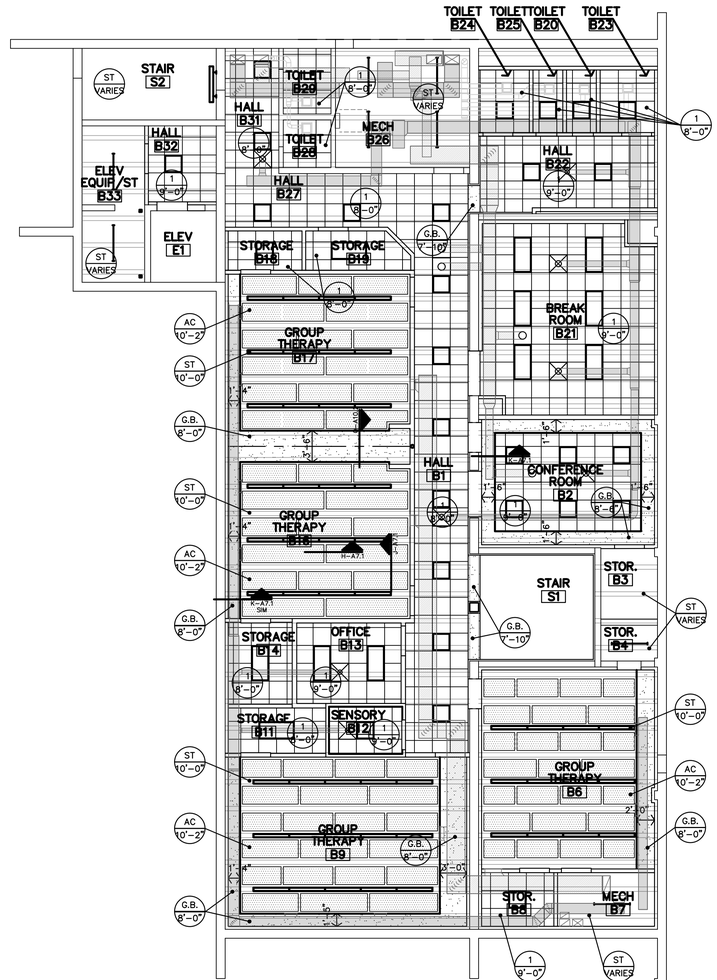
J **CEILING DETAIL**
1 1/2"=1'-0"



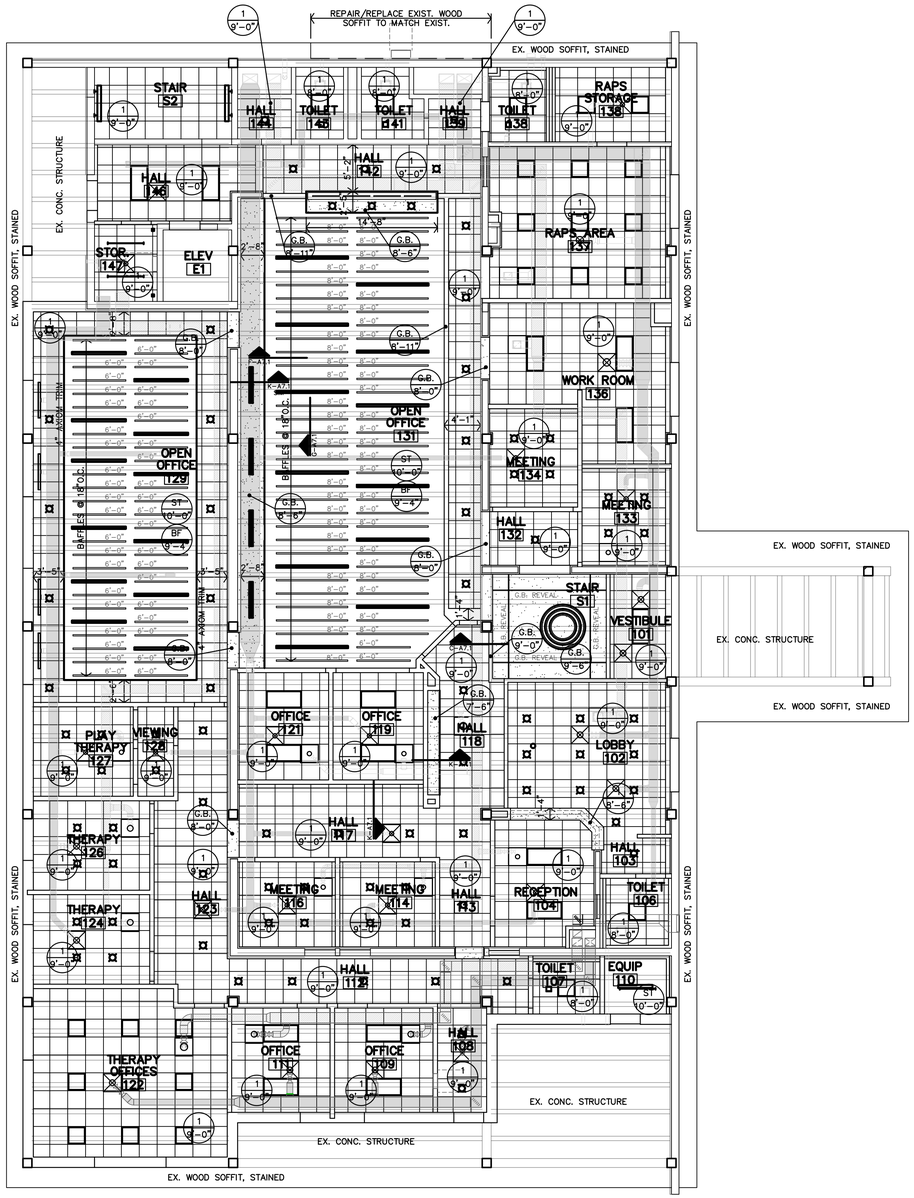
H **CEILING DETAIL**
1 1/2"=1'-0"



K **CEILING DETAIL**
1"=1'-0"



B **BASEMENT PLAN**
1/8"=1'-0"



A **FIRST FLOOR PLAN**
1/8"=1'-0"

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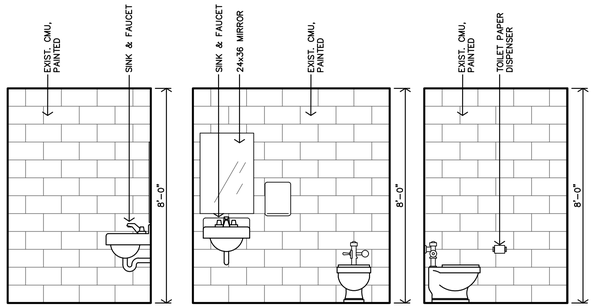
CHARLES A. RENZ
LICENSED
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

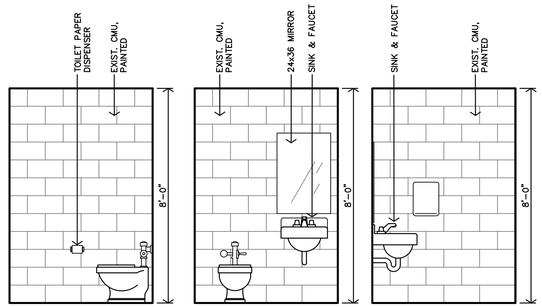
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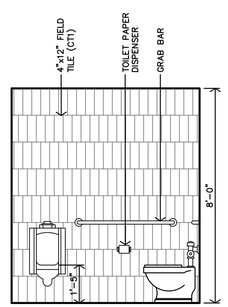
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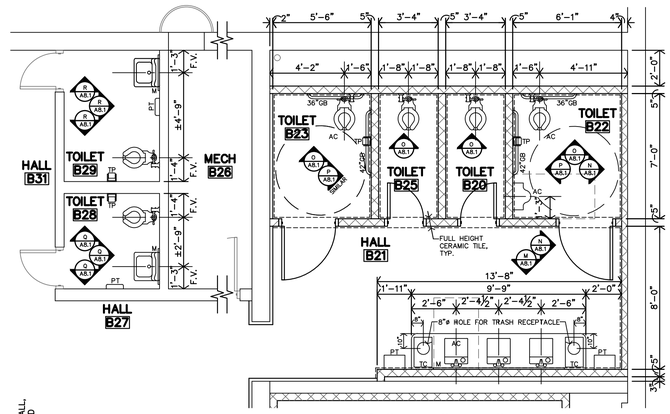
R TOILET #B26
INTERIOR ELEVATIONS
3/8"=1'-0"



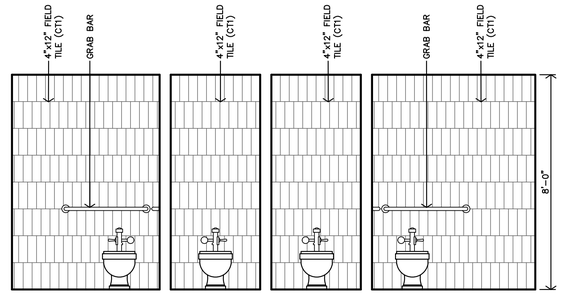
Q TOILET #B27
INTERIOR ELEVATIONS
3/8"=1'-0"



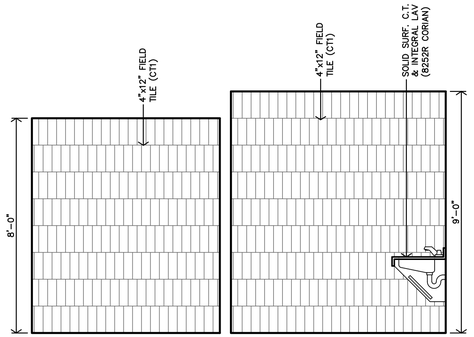
P TOILET #B27
INTERIOR ELEVATIONS
3/8"=1'-0"



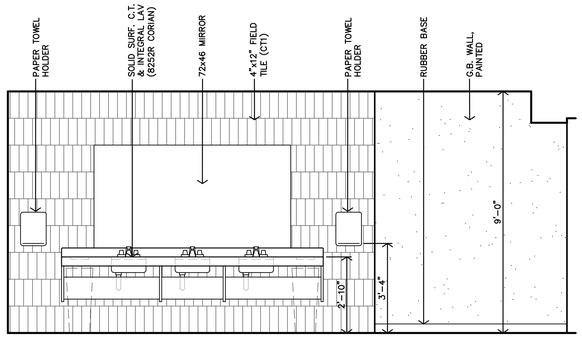
L TOILETS #B22, #B23, #B26 & #B27
ENLARGED PLAN
1/8"=1'-0"



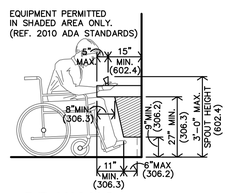
O TOILET B20, B22, B23, B25
INTERIOR ELEVATION
3/8"=1'-0"



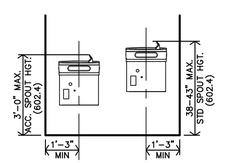
N HALL B21 & TOILET B22
INTERIOR ELEVATION
3/8"=1'-0"



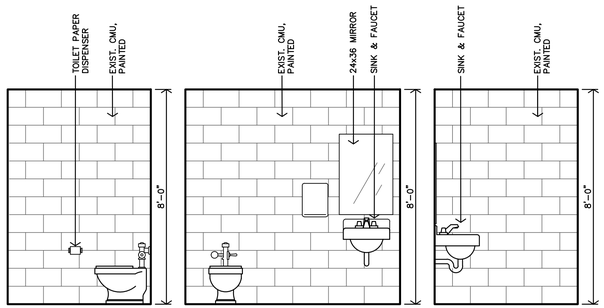
M HALL B21
INTERIOR ELEVATION
3/8"=1'-0"



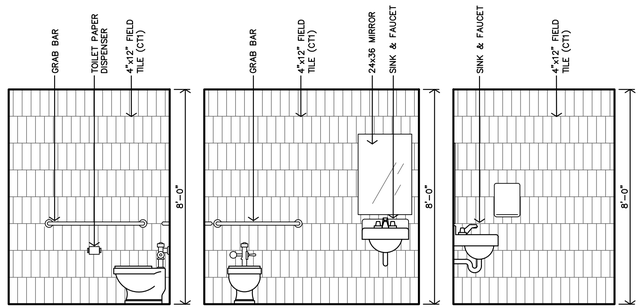
K DRINKING
FOUNTAIN DETAIL
3/8"=1'-0" FOR AC HEIGHTS & LOCATION ONLY



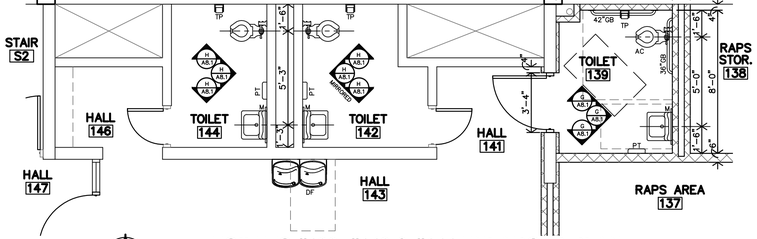
J DRINKING
FOUNTAIN ELEVATION
3/8"=1'-0" FOR AC HEIGHTS & LOCATION ONLY



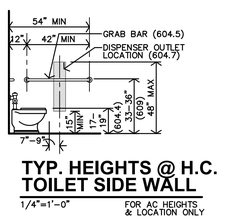
H TOILETS #142 & #144
INTERIOR ELEVATIONS
3/8"=1'-0" #142 MIRRORED



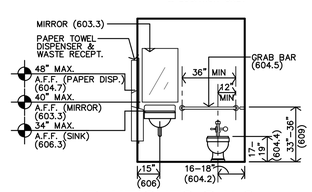
G TOILET #139
INTERIOR ELEVATIONS
3/8"=1'-0"



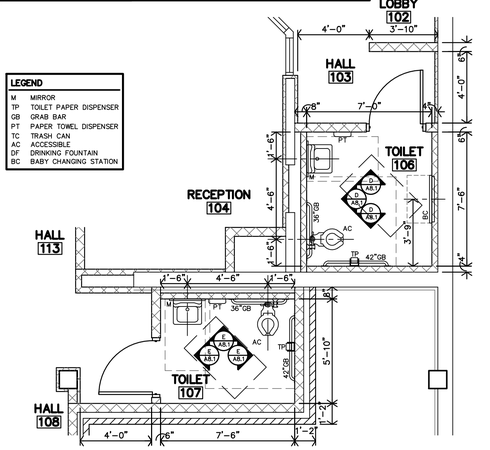
F TOILETS #139, #142 & #144 ENLARGED PLAN
1/8"=1'-0"



C TYP. HEIGHTS @ H.C.
TOILET SIDE WALL
1/4"=1'-0" FOR AC HEIGHTS & LOCATION ONLY



B TYP. HEIGHTS @ H.C.
TOILET BACK WALL
1/4"=1'-0" FOR AC HEIGHTS & LOCATION ONLY



A TOILETS #106 & #107
ENLARGED PLAN
1/4"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

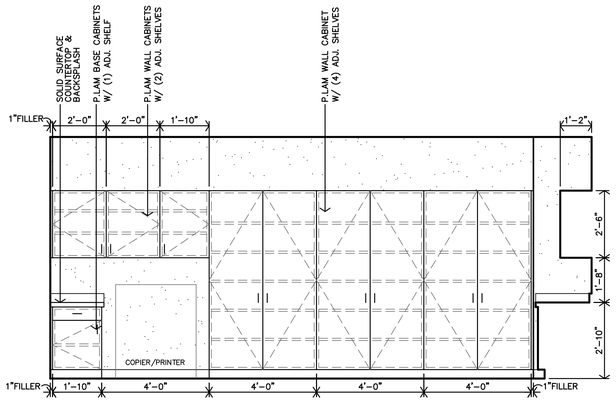
CHARLES A. RENZ
CENSED
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

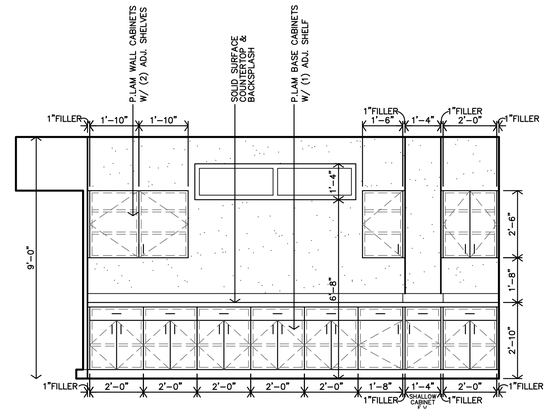
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JOB: 24-3459
SHEET NO.:

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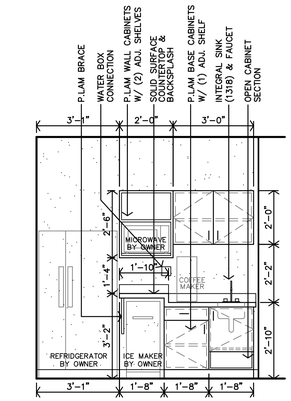
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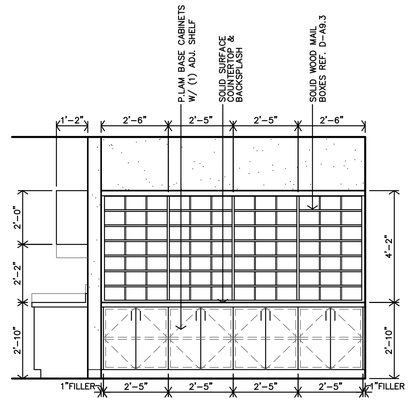
M **WORK ROOM #136**
CASEWORK ELEVATION
3/8"=1'-0"



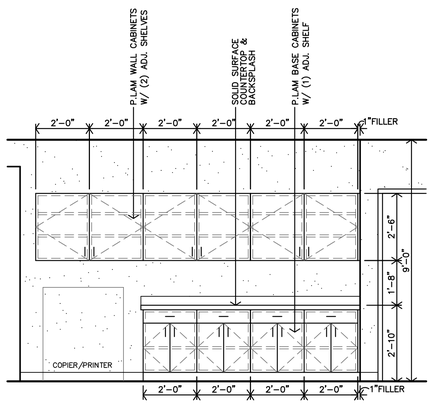
L **WORK ROOM #136**
CASEWORK ELEVATION
3/8"=1'-0"



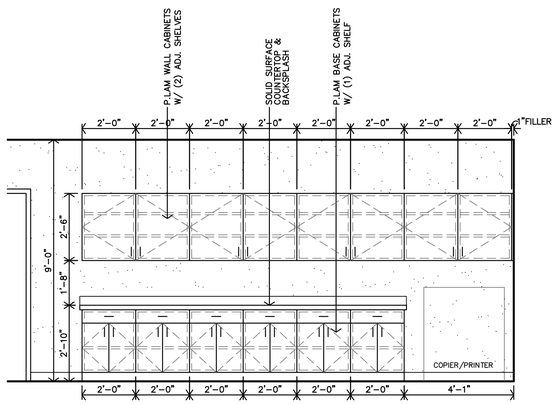
K **WORK ROOM #136**
CASEWORK ELEVATION
3/8"=1'-0"



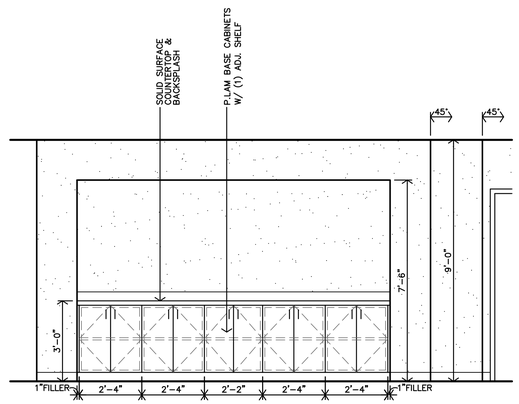
J **WORK ROOM #136**
CASEWORK ELEVATION
3/8"=1'-0"



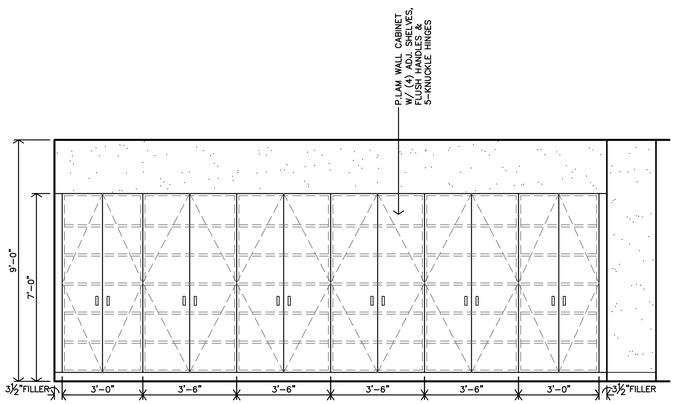
H **OPEN OFFICE #131**
CASEWORK ELEVATION
3/8"=1'-0"



G **OPEN OFFICE #129**
CASEWORK ELEVATION
3/8"=1'-0"



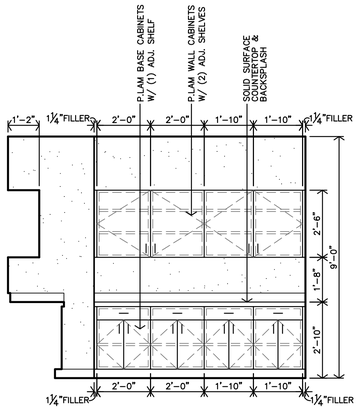
F **HALL #118**
CASEWORK ELEVATION
3/8"=1'-0"



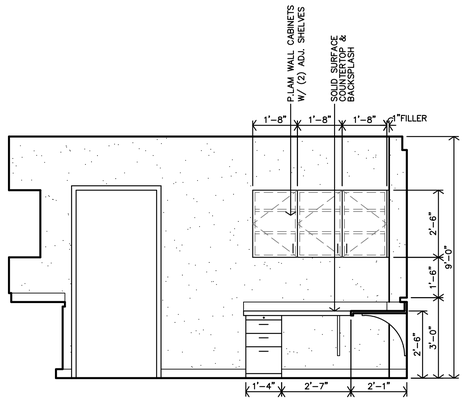
E **HALL #117**
CASEWORK ELEVATION
3/8"=1'-0"

CASEWORK NOTES

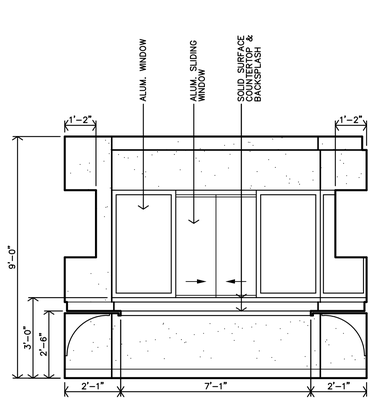
1. SOLID SURFACE COUNTERTOPS & BACKSPLASHES W/ EASED EDGES, U.N.O.
2. 3MM PVC EDGE BAND AT ALL EXPOSED EDGES OF DOORS & DRAWERS.
3. ENTIRE CABINET DOOR (INTERIOR & EXTERIOR) TO BE PLASTIC LAMINATE.
4. COUNTERTOPS & BACKSPLASHES TO BE P.LAM W/ EASED EDGES.
5. PROVIDE ALL NECESSARY FILLERS OF MATCHING MATERIALS. INSTALL CONTINUOUS FINISH FLOORING BASE @ CASEWORK TOEKICK.
6. ALL ADJUSTABLE SHELVING SHALL BE 3/4" THICK MATERIAL.
7. EXPOSED ADJUSTABLE SHELVING SHALL HAVE FULL THICKNESS PLASTIC LAMINATE AT ALL FOUR EDGES. TAPE IS NOT ACCEPTABLE.
8. ALL UPPER CABINETS SHALL HAVE (2) ADJUSTABLE SHELVES PER EACH CABINET, U.N.O.
9. ALL BASE CABINETS SHALL HAVE (1) ADJUSTABLE SHELF PER EACH CABINET, U.N.O.
10. REFERENCE ELEVATIONS FOR NUMBER OF ADJUSTABLE SHELVES AT LOWER CABINET UNITS.
11. MULTIPLE LAMINATES (PREMIUM FINISHES) WILL BE SELECTED BY ARCHITECT.
12. CABINETS TO BE FLUSH OVERLAY, U.N.O.
13. PROVIDE BLOCKING BEHIND WALL FOR SUPPORT OF CABINETRY.
14. PROVIDE & INSTALL ANGLE SUPPORT BRACKETS WHERE COUNTERTOP SPAN EXCEEDS 36"inch WIDTH.



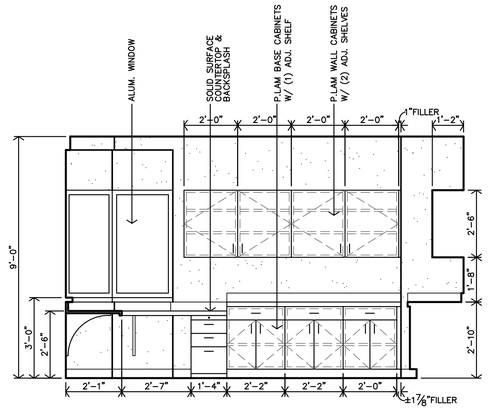
D **RECEPTION #104**
CASEWORK ELEVATION
3/8"=1'-0"



C **RECEPTION #104**
CASEWORK ELEVATION
3/8"=1'-0"



B **RECEPTION #104**
CASEWORK ELEVATION
3/8"=1'-0"



A **RECEPTION #104**
CASEWORK ELEVATION
3/8"=1'-0"

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jgr@jgrarchitects.com

CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

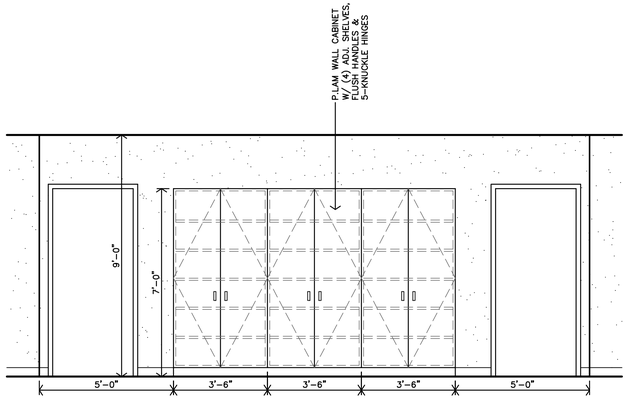
CHARLES A. RENZ
ARCHITECT
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

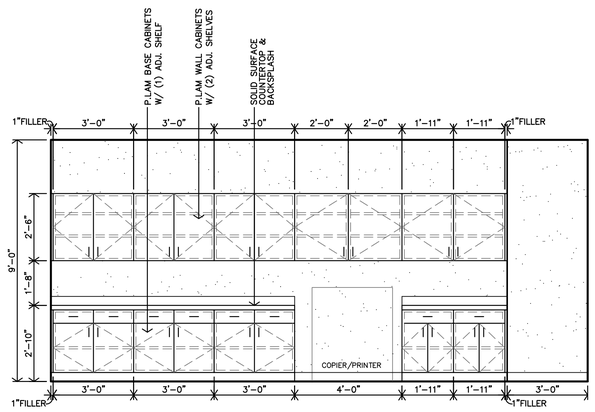
DATE: 8-18-2025
JOB: 24-3459
SHEET NO.:

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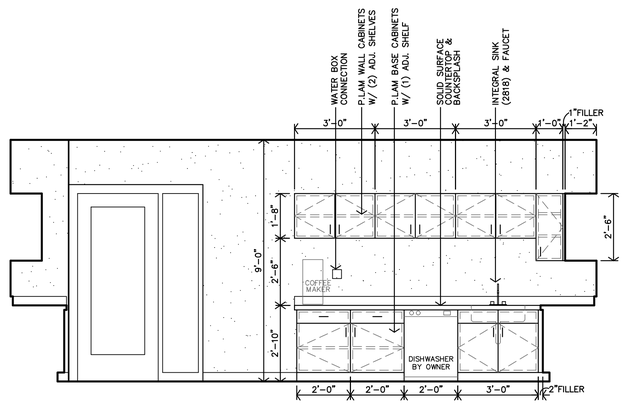
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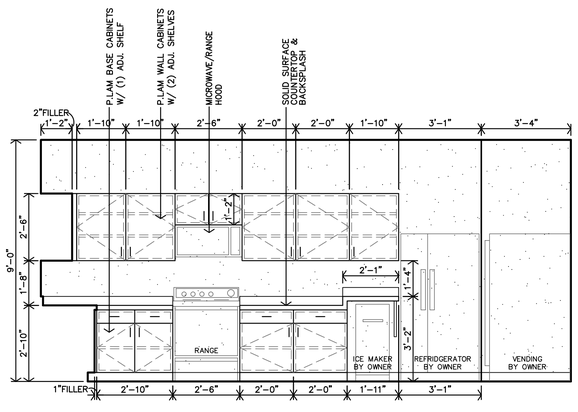
H **HALL #123**
CASEWORK ELEVATION
3/8"=1'-0"



G **BREAK ROOM #B19**
CASEWORK ELEVATION
3/8"=1'-0"



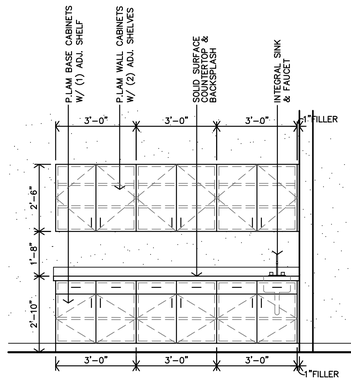
F **BREAK ROOM #B19**
CASEWORK ELEVATION
3/8"=1'-0"



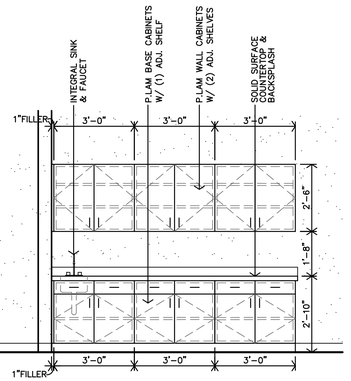
E **BREAK ROOM #B19**
CASEWORK ELEVATION
3/8"=1'-0"

CASEWORK NOTES

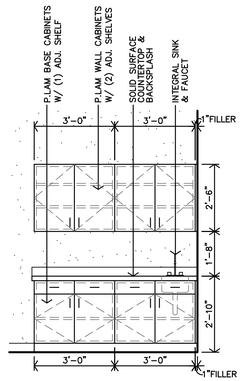
1. SOLID SURFACE COUNTERTOPS & BACKSPLASHES W/ EASED EDGES, U.N.O.
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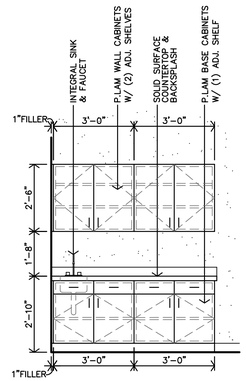
D **GROUP THERAPY #B16**
CASEWORK ELEVATION
3/8"=1'-0"



C **GROUP THERAPY #B14**
CASEWORK ELEVATION
3/8"=1'-0"



B **GROUP THERAPY #B9**
CASEWORK ELEVATION
3/8"=1'-0"



A **GROUP THERAPY #B6**
CASEWORK ELEVATION
3/8"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

CHARLES A. RENZ
LICENSED
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

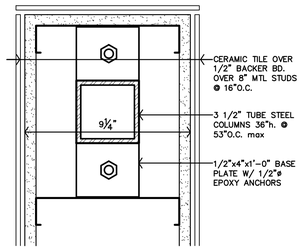
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DATE:	8-18-2025
JOB:	24-3459
SHEET NO.:	

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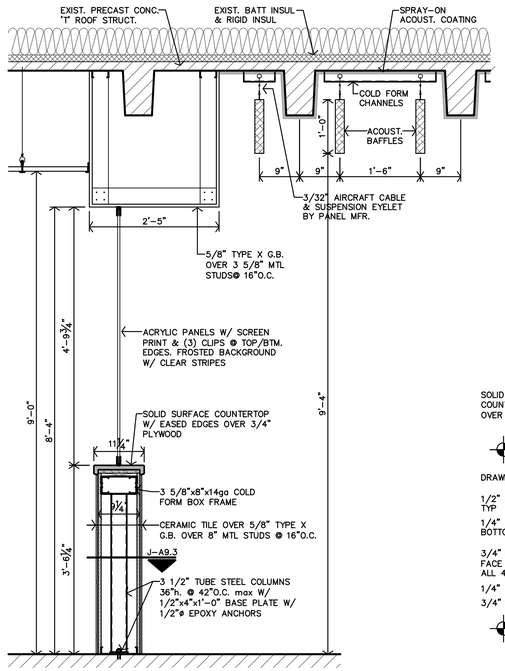
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CASEWORK NOTES

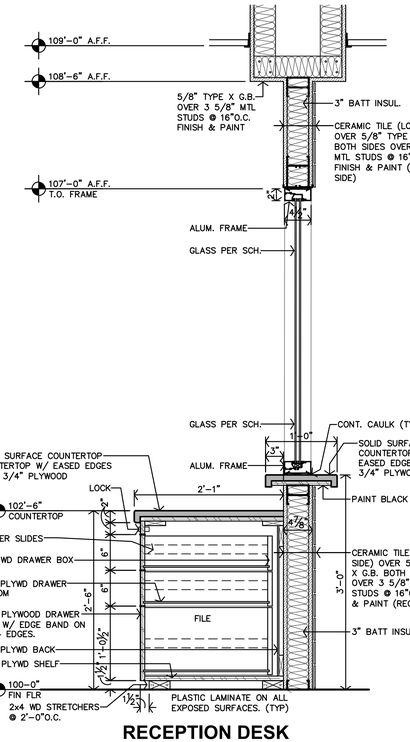
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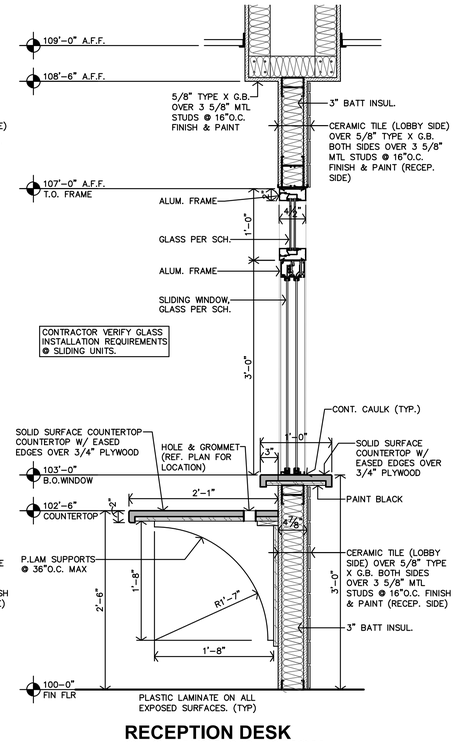
J SECTION
3"=1'-0"



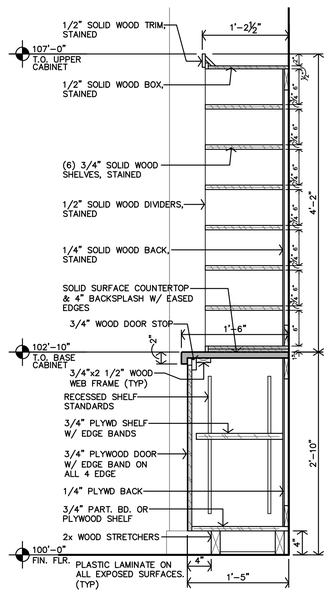
H SECTION
3/4"=1'-0"



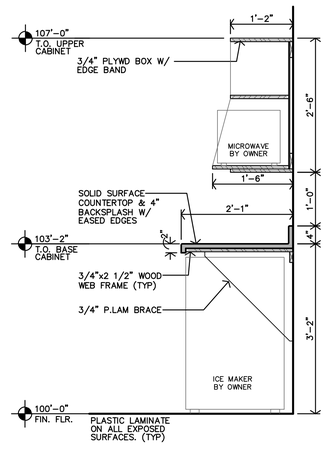
G RECEPTION DESK CASEWORK SECTION
1"=1'-0"



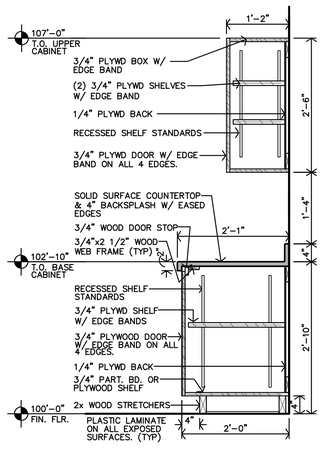
F RECEPTION DESK CASEWORK SECTION
1"=1'-0"



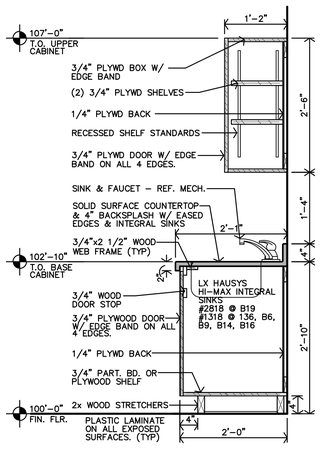
E MAIL CENTER CASEWORK SECTION
1"=1'-0"



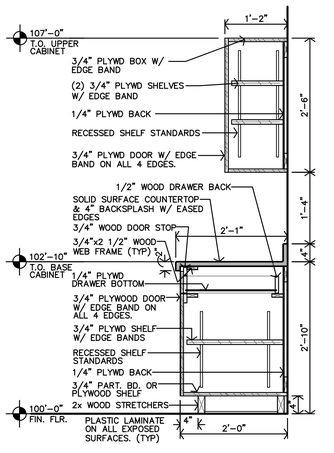
D TYPICAL CASEWORK SECTION
3/4"=1'-0"



C TYPICAL CASEWORK SECTION
3/4"=1'-0"



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



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

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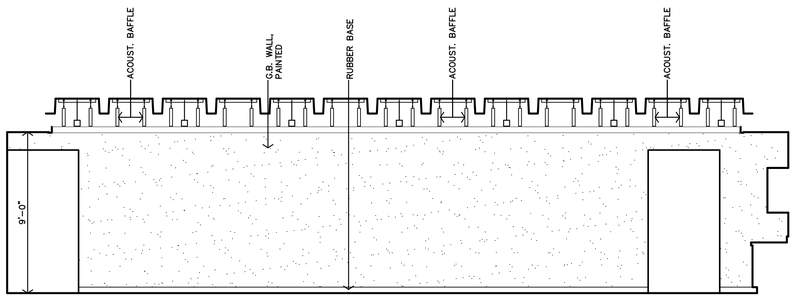
CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

CHARLES A. PLENK — LICENSED — 5502 — 8-18-2025 — KANSAS PROFESSIONAL ARCHITECT

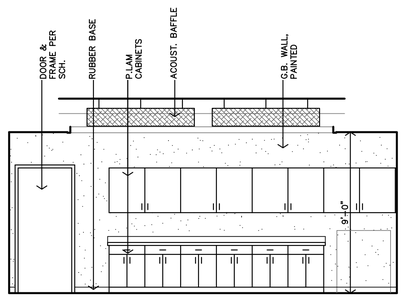
REVISION:	
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SHEET NO.:	

A9.3

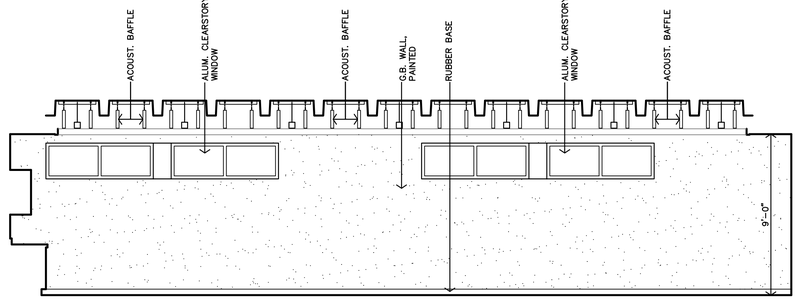
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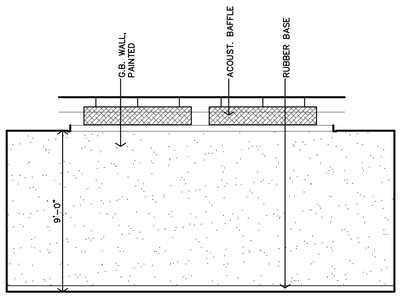
K OPEN OFFICE #129
INTERIOR ELEVATION
1/4"=1'-0"



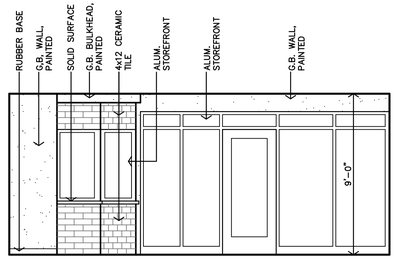
M OPEN OFFICE #129
INTERIOR ELEVATION
1/4"=1'-0"



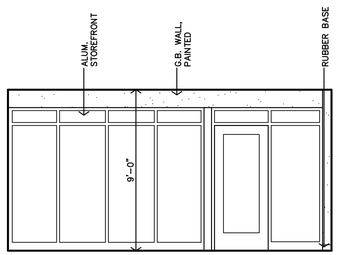
L OPEN OFFICE #129
INTERIOR ELEVATION
1/4"=1'-0"



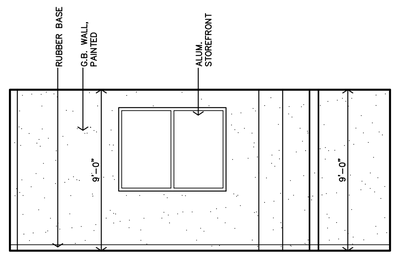
K OPEN OFFICE #129
INTERIOR ELEVATION
1/4"=1'-0"



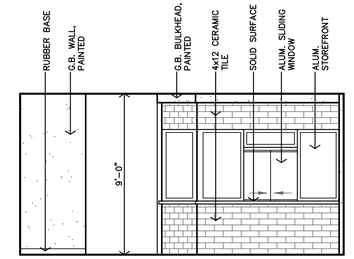
J LOBBY #102
INTERIOR ELEVATION
1/4"=1'-0"



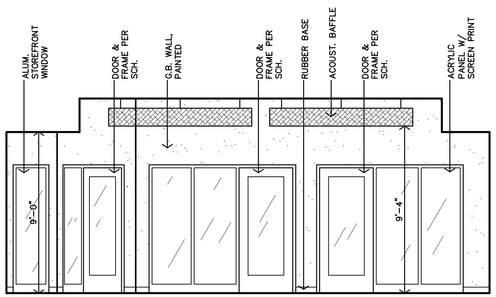
H LOBBY #102
INTERIOR ELEVATION
1/4"=1'-0"



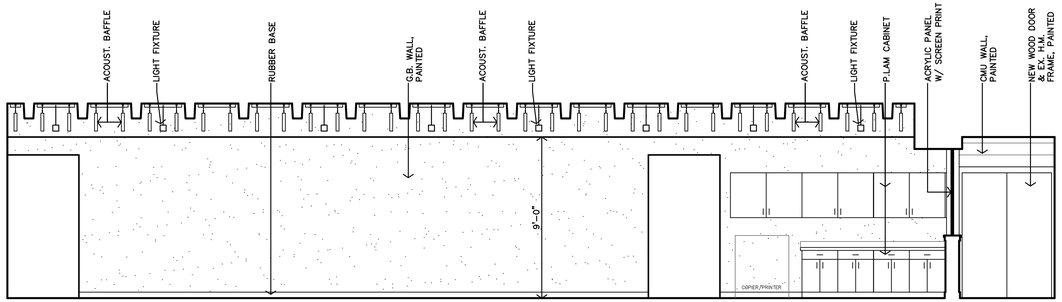
G LOBBY #102
INTERIOR ELEVATION
1/4"=1'-0"



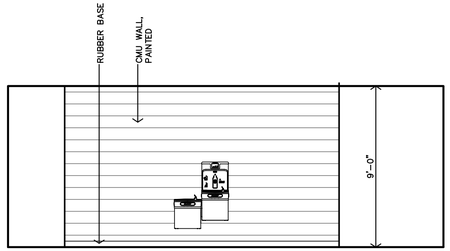
F LOBBY #102
INTERIOR ELEVATION
1/4"=1'-0"



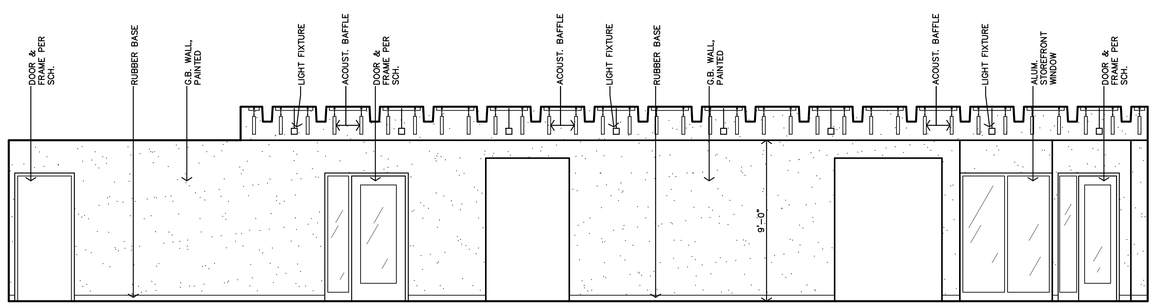
E OPEN OFFICE #131
INTERIOR ELEVATION
1/4"=1'-0"



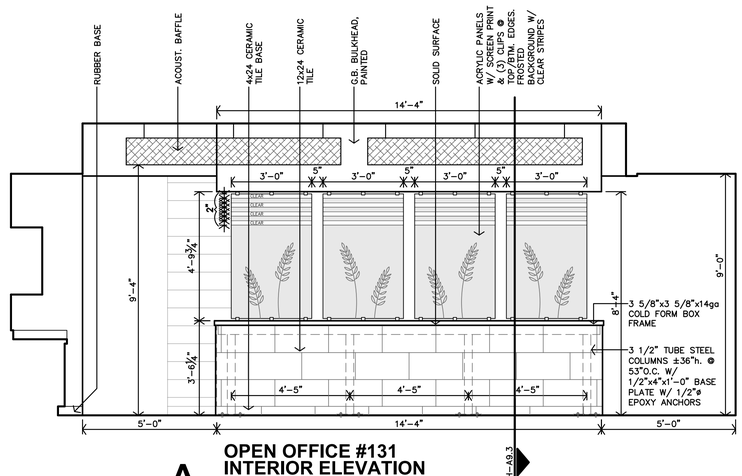
D OPEN OFFICE #131
INTERIOR ELEVATION
1/4"=1'-0"



C OPEN OFFICE #131
INTERIOR ELEVATION
1/4"=1'-0"



B OPEN OFFICE #131
INTERIOR ELEVATION
1/4"=1'-0"



A OPEN OFFICE #131
INTERIOR ELEVATION
3/8"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

SALINA, KANSAS

CHARLES A. RENZ
LICENSED
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-18-2025
JOB: 24-3459
SHEET NO.:

A9.4

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GLAZING SCHEDULE

MARK	INTERIOR	EXTERIOR	1/4"	3/4" INSULATED	TINTED	TEMPERED	ONE-WAY
A1		●		●	●	●	
A2		●		●		●	
B1	●		●			●	
B2	●		●				●

DOOR SCHEDULE

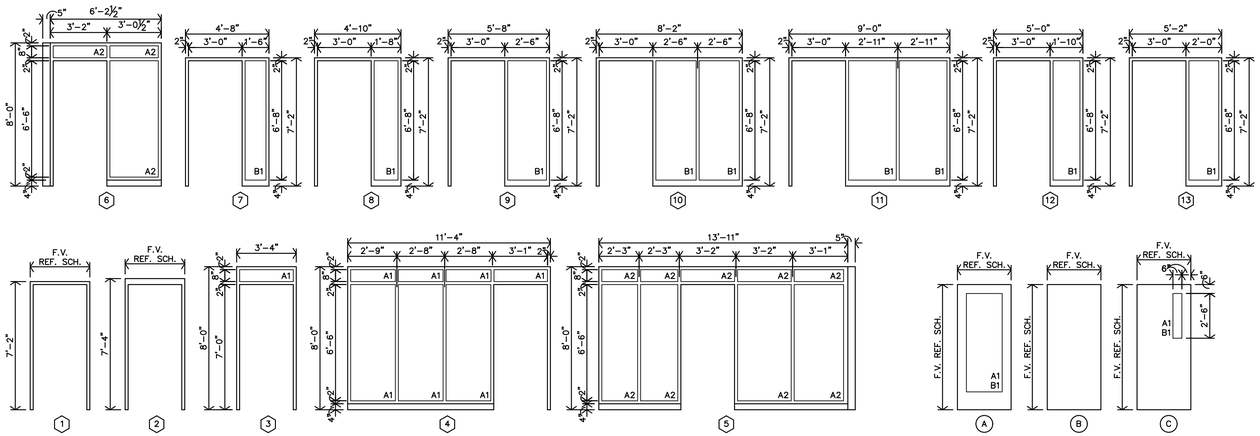
MARK	DOOR SIZE W	DOOR SIZE H	DOOR SIZE T	DOOR MATERIAL: ALUMINUM	DOOR MATERIAL: HOLLOW METAL	DOOR MATERIAL: S.C. WOOD	DOOR TYPE	DOOR FINISH: PREFINISHED PAINT	DOOR FINISH: STAINED	FRAME MATERIAL: ALUMINUM	FRAME MATERIAL: HOLLOW METAL	FRAME MATERIAL: WOOD	FRAME TYPE	FRAME FINISH: PREFINISHED	FRAME FINISH: PAINT	RATING	DETAILS	NOTES
FIRST FLOOR																		
101	3'-0"	7'-0"	1 3/4"	●			A	●		●			4	●			J/O-A10.2	2
102	3'-0"	7'-0"	1 3/4"	●			A	●		●			6	●			J/K-A10.2	2.
103	3'-0"	7'-0"	1 3/4"	●			A	●		●			5	●			J/K-A10.2	
104	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
106	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
107	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
108	3'-0"	7'-0"	1 3/4"	●			C		●	●			3		●		C/D/F-A10.2	
109	3'-0"	7'-0"	1 3/4"			●	C		●	●			1		●		C/D-A10.2	
110	3'-0"	7'-0"	1 3/4"	●			B		●	●			1		●		C/D-A10.2	
111	3'-0"	7'-0"	1 3/4"			●	C		●	●			1		●		C/D-A10.2	
112	3'-0"	7'-0"	1 3/4"			●	C		●	●			11		●		C/D/F-A10.2	
113	3'-0"	7'-0"	1 3/4"			●	C		●	●			11		●		C/D/F-A10.2	
114	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
116	3'-0"	7'-0"	1 3/4"			●	C		●	●			1		●		C/D-A10.2	
117	3'-0"	7'-0"	1 3/4"			●	C		●	●			1		●		C/D-A10.2	
118	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
119	3'-0"	7'-0"	1 3/4"			●	C		●	●			1		●		C/D-A10.2	
121	3'-0"	7'-0"	1 3/4"			●	A		●	●			10		●		C/D/F-A10.2	
122	3'-0"	7'-0"	1 3/4"			●	A		●	●			10		●		C/D/F-A10.2	
123	3'-0"	7'-0"	1 3/4"			●	A		●	●			8		●		A/B/F-A10.2	
124	3'-0"	7'-0"	1 3/4"			●	C		●	●			9		●		C/D/F-A10.2	
126	3'-0"	7'-0"	1 3/4"			●	C		●	●			11		●		C/D/F-A10.2	
127	3'-0"	7'-0"	1 3/4"			●	A		●	●			7		●		C/D/F-A10.2	
128	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
129	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		H-A10.2	
131	2'-0"	EX. FRAME	1 3/4"			●	B		●									1,3
132	2'-0"	EX. FRAME	1 3/4"			●	B		●									1,3
133	3'-0"	7'-0"	1 3/4"			●	A		●	●			13		●		F/G(sim)-A10.2	
134	3'-0"	EX. FRAME	1 3/4"			●	C		●									1.
136	— EXISTING DOOR & FRAME —																	1.
137	3'-0"	7'-0"	1 3/4"			●	C		●	●			2		●		P-A10.2	
138	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
BASEMENT																		
B1	3'-0"	7'-0"	1 3/4"			●	B		●	●			2		●		G-A10.2	
B2	2'-4"	EX. FRAME	1 3/4"			●	B		●									1.
B3	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B4	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B6	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
B7	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		M/N-A10.2	
B8	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B9	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B11	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
B12	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
B13	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B14	3'-0"	7'-0"	1 3/4"			●	A		●	●			2		●		G-A10.2	
B16	20'-4"	8'-0"															Q-A10.2	
B17	3'-0"	7'-0"	1 3/4"			●	B		●	●			12		●		G-A10.2	
B18	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		C/D-A10.2	
B19	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B21	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B22	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B23	3'-0"	7'-0"	1 3/4"			●	B		●	●			1		●		A/B-A10.2	
B24	— EXISTING DOOR & FRAME —																	1.
B26	2'-0"	EX. FRAME	1 3/4"			●	B		●									1,3
B27	2'-0"	EX. FRAME	1 3/4"			●	B		●									1,3
B28	3'-0"	EX. FRAME	1 3/4"			●	C		●									1.
B29	3'-0"	7'-0"	1 3/4"			●	C		●	●			13		●		A/B-A10.2	
BASEMENT																		
E1	3'-6"	7'-0"				●			●	●					●	60MIN	REF. A/B-A6.2	
E2	3'-6"	7'-0"				●			●	●					●	60MIN	REF. A/B-A6.2	

GENERAL NOTES:

A. ALL EXPOSED LINTELS TO BE PAINTED AT INTERIOR AND EXTERIOR.
B. CONTRACTOR MUST INSTALL MTL. FLASHINGS & CONT. CAULK FOR A WEATHER & WATERTIGHT CONDITIONS @ ALL EXTERIOR DOORS & DOOR FRAMES/UNITS.
C. INSTALL ALUMINUM THRESHOLD/EXPANSION JOINT COVER BETWEEN CONCRETE AND WOOD FLOORS.

SPECIFIC NOTES:

1. EXISTING H.M. DOOR/FRAME – PAINTED W/ INDUSTRIAL ENAMEL UNLESS NOTED OTHERWISE. SAND SMOOTH PRIOR PAINTING.
2. NEW ENTRY DOOR TO HAVE AUTOMATIC HANDICAP DOOR OPERATOR. INCLUDE ALL HARDWARE AND COMPONENTS FOR INTEGRATION WITH OWNER'S ACCESS CONTROL SYSTEM.
3. MODIFY EXISTING FRAME TO ADD NEW STRIKE PLATE FOR NEW DOOR AND LATCHING HARDWARE.



B FRAME TYPES
1/4"=1'-0"

A DOOR TYPES
1/4"=1'-0"

PUBLIC FINISH SCHEDULE

FINISHES & INSTRUCTIONS

P1 LATEX ENAMEL LVT VINYL PLANK FLR'G TILE T TILE FP FIBERGLAS REINF. PANEL
P2 EPOXY PAINT M METAL WRAP ST STAIN & SEAL TX TEXTURE
C1 CARPET SC SEALED CONCRETE RB RUBBER BASE GT GLUE-UP TILE

NO.	DESCRIPTION	FLOOR: CARPET	FLOOR: VINYL PLANK FLR'G TILE	FLOOR: CERAMIC TILE	FLOOR: SEALED CONCRETE	FLOOR: CUSHIONED SPORTS FLOORING	BASE: WOOD BASE	BASE: SELF COVE RUBBER BASE	BASE: CERAMIC TILE	BASE: QUARRY TILE	N.WALL: 5/8" FIRE RATED G.B.	N.WALL: CERAMIC TILE	N.WALL: MASONRY	E.WALL: 5/8" FIRE RATED G.B.	E.WALL: CERAMIC TILE	E.WALL: MASONRY	S.WALL: 5/8" FIRE RATED G.B.	S.WALL: CERAMIC TILE	S.WALL: MASONRY	W.WALL: 5/8" FIRE RATED G.B.	W.WALL: CERAMIC TILE	W.WALL: MASONRY	CEILING: 5/8" FIRE RATED G.B.	CEILING: SUSP. CLG	CEILING: ACOUS. DECK & SPRAY COATING	CEILING: EXIST. STRUCT.	REMARKS
FIRST FLOOR																											
101	VESTIBULE		LVT				ST				P1			P1			P1			P1			P1				
102	LOBBY		LVT				ST				P1			P1			P1/GT			P1			P1				
103	HALL		LVT				ST				P1			P1			P1			P1			P1				
104	RECEPTION	C1					ST				P1			P1			P1			P1			P1				
106	TOILET		LVT	CT					CT		CT			CT			CT				CT		P1				
107	TOILET			CT					CT		CT			CT			CT				CT		P1				
108	HALL		LVT				ST				P1			P1			P1			P1			P1				
109	OFFICE	C1					ST				P1			P1			P1			P1			P1				
110	EQUIPMENT ROOM				SC			RB			P1			P1			P1			P1			P1				
111	OFFICE	C1					ST				P1			P1			P1			P1			P1				
112	HALL		LVT				ST				P1			P1			P1			P1			P1				
113	HALL		LVT				ST				P1			P1			P1			P1			P1				
114	MEETING	C1					ST				P1			P1			P1			P1			P1				
116	MEETING	C1					ST				P1			P1			P1			P1			P1				
117	HALL		LVT				ST				P1			P1			P1			P1			P1				
118	HALL		LVT				ST				P1			P1			P1			P1			P1				1, 3
119	OFFICE	C1						RB			P1			P1			P1			P1			P1				
121	OFFICE	C1						RB			P1			P1			P1			P1			P1				
122	THERAPY OFFICES	C1					ST				P1			P1			P1			P1			P1				
123	HALL		LVT				ST				P1			P1			P1			P1			P1				
124	THERAPY	C1					ST				P1			P1			P1			P1			P1				
126	THERAPY	C1					ST				P1			P1			P1			P1			P1				
127	PLAY THERAPY	C1					ST				P1			P1			P1			P1			P1				
128	VIEWING		LVT				ST				P1			P1			P1			P1			P1				
129	OPEN OFFICE	C1						RB			P1			P1			P1			P1			P1				
131	OPEN OFFICE	C1	LVT				ST	RB			P1/GT			P1			P1			P1			P1				1, 3
132	HALL		LVT					RB			P1			P1			P1			P1			P1				
133	MEETING	C1						RB			P1			P1			P1			P1			P1				
134	MEETING	C1						RB			P1			P1			P1			P1			P1				
136	WORK ROOM		LVT					RB			P1			P1			P1			P1			P1				
137	RAPS AREA	C1						RB			P1			P1			P1			P1			P1				
138	RAPS STORAGE	C1						RB			P1			P1			P1			P1			P1				
139	TOILET			CT					CT		CT			CT			CT				CT		P1				
141	HALL		LVT					RB				P1			P1			P1		P1			P1				
142	TOILET			CT					CT			P2			P2			P2				P2	P1				
143	HALL		LVT				ST	RB				P1		P1			P1/GT				P1	P1					
144	TOILET			CT					CT			P2			P2			P2				P2	P1				
146	HALL		LVT					RB				P1			P1			P1		P1			P1				
147	HALL		LVT					RB				P1		P1			P1			P1			P1				
148	JANITOR		LVT					RB			P1				P1			P1				P1	P1				2
BASEMENT																											
B1	HALL	C1						RB			P1			P1			P1			P1				●			
B2	CONFERENCE ROOM	C1						RB			P1			P1			P1			P1			P1	●			1, 3
B3	STORAGE	C1						RB			P1			P1			P1			P1					●		
B4	STORAGE	C1						RB			P1			P1			P1			P1					●		
B6	GROUP THERAPY	C1						RB			P1			P1			P1			P1			P1	X			1, 3
B7	MECHANICAL				SC			RB			P1			P1			P1			P1					●		
B8	STORAGE				SC			RB			P1			P1			P1			P1					●		
B9	GROUP THERAPY	C1						RB			P1			P1			P1			P1			P1	X			1, 3
B11	STORAGE				SC			RB			P1			P1			P1			P1				●			
B12	SENSORY				SC			RB			P1			P1			P1			P1				●			
B13	OFFICE	C1						RB			P1			P1			P1			P1				●			
B14	STORAGE				SC			RB			P1			P1			P1			P1				●			
B16	GROUP THERAPY	C1				CF		RB			P1			P1			P1			P1			P1	X			1, 3
B17	GROUP THERAPY	C1				CF		RB			P1			P1			P1			P1			P1	X			1, 3
B18	STORAGE				SC			RB			P1			P1			P1			P1				●			
B19	STORAGE				SC			RB			P1			P1			P1			P1				●			
B21	BREAK ROOM		LVT					RB			P1			P1			P1			P1				●			
B22	HALL	C1						RB			P1			P1			P1			P1				●			
B23	WOMEN			CT					CT		CT			CT			CT				CT			●			
B24	MEN			CT					CT		CT			CT			CT				CT			●			
B26	MECHANICAL				SC			RB				P1			P1			P1					P1			●	2
B27	HALL	C1						RB				P1		P1			P1					P1		●			
B28	TOILET			CT					CT			P2			P2			P2				P2		●			
B29	TOILET			CT					CT			P2			P2			P2				P2		●			
B31	HALL	C1						RB				P1			P1			P1				P1		●			
B32	HALL	C1						RB				P1		P1			P1					P1		●			
B33	ELEV. EQUIP.				SC			RB				P1			P1			P1				P1				●	
STAIR & ELEVATOR																											
S1	STAIR	C1					ST				P1			P1			P1			P1			P1				3, 4, REF. C-A6.1
S2	STAIR	C1						RB				P1			P1			P1			P1						
E1	ELEVATOR	C1						- - - REMAINDER OF FINISHES BY ELEVATOR MANUFACTURER - - -																			REF. A/B-A6.2

GENERAL NOTES:

A. INSTALL VINYL, RUBBER, OR ALUMINUM TRANSITION STRIP BETWEEN FLOOR MATERIAL OF DIFFERING HEIGHTS, INCLUDING BUT NOT LIMITED TO CONCRETE/LVT TRANSITIONS.
B. ALL GYPSUM BOARD AREAS WHICH ARE ACCESSORY TO THE ROOM INCLUDING BUT NOT LIMITED TO SOFFITS, BULKHEADS, TRIM, ETC. SHALL BE PAINTED REGARDLESS OF WHETHER IT IS SPECIFICALLY INDICATED PER SCHEDULE.
C. ALL G.B. WALLS & PERMANENT PARTITIONS SHALL RECEIVE RUBBER BASE UNLESS NOTED OTHERWISE.
D. WALL TYPE SHOWN FOR GENERAL INFORMATION ONLY. CONTRACTOR SHALL COORDINATE WALL MATERIAL W/ DRAWINGS AND FIELD CONDITIONS. ALL AREAS INDICATED TO RECEIVE NEW FINISH SHALL RECEIVE COMPLETE FINISH AS SCHEDULED AT ENTIRE ROOM. CONTRACTOR SHALL COORDINATE FINISHES AND ACCENTS WITH DETAILS AND INTERIOR ELEVATIONS.
E. FLOORING CONTRACTOR SHALL VERIFY THAT SUBFLOOR IS LEVEL AND PROPERLY PREPPED PRIOR TO INSTALLATION OF ANY FLOORING MATERIALS.
F. CONTRACTOR SHALL VERIFY THAT FLOORS ARE PREPPED/"FLOORSTONED" FOR LEVEL TRANSITION BETWEEN DIFFERING MATERIALS.
G. INSTALL PRINTABLE SILICONE SEALANT AT ALL G.B. TO CMU AND G.B. TO CONCRETE WALL TRANSITIONS.
H. ALL CONTROL JOINTS AT EXPOSED CONCRETE FLOORS SHALL RECEIVE SEALANT COMPATIBLE W/ FLOOR SEALER.
I. ALL H.M. DOORS & FRAMES TO BE PAINTED W/ INDUSTRIAL ENAMEL UNLESS NOTED OTHERWISE. H.M. DOORS AND FRAMES SHALL BE SANDED SMOOTH PRIOR TO PAINTING. SPRAY FINISH ONLY, NO BRUSH FINISH.
J. COORDINATE WITH INTERIOR ELEVATIONS, FLOOR PLANS AND MISCELLANEOUS DETAILS TO VERIFY ALL AESTHETIC ACCENTS AND DETAILS.
K. REFERENCE INTERIOR ELEVATIONS, WALL SECTIONS AND DETAILS FOR WOOD BASE AND TRIM LOCATIONS.

SPECIFIC NOTES:

1. REFERENCE REFLECTED CEILING PLAN, COORDINATE LOCATION OF CEILING ACCENTS & SOFFITS.
2. INSTALL FRP PANEL TO 4'-0" ABOVE MOP SINK AND EXTEND 1'-0" MINIMUM BEYOND EDGES OF SINK; CLASS "A" FIRE RESISTIVE MATERIAL.
3. LEVEL 4 FINISH WITH ORANGE PEEL TEXTURE AT ALL CEILINGS.
4. CARPET TILE AT STAIR & LANDING W/ REMANUFACTURED METAL NOSING.

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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

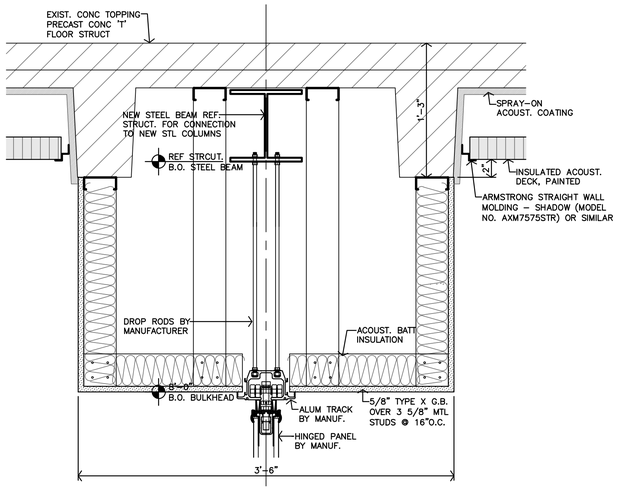
CHARLES A. RENZ LICENSED 5502 8-18-2025 KANSAS PROFESSIONAL ARCHITECT

REVISION:

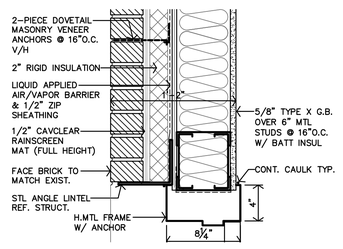
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JOB: 24-3459
SHEET NO.:

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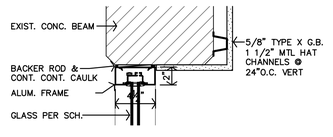
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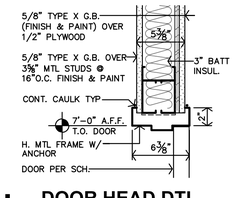
Q **DOOR HEAD DTL.**
1 1/2"=1'-0"



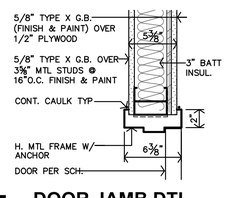
P **DOOR HEAD DTL.**
1 1/2"=1'-0" JAMB SIMILAR



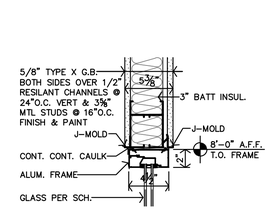
O **DOOR JAMB DTL.**
1 1/2"=1'-0" HEAD SIMILAR



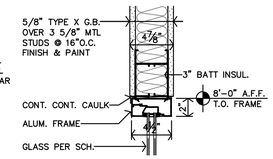
N **DOOR HEAD DTL.**
1 1/2"=1'-0"



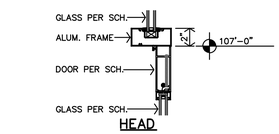
M **DOOR JAMB DTL.**
1 1/2"=1'-0"

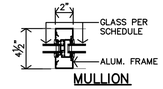


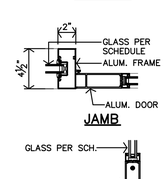
L **INTERIOR STOREFRONT HEAD DTL.**
1 1/2"=1'-0" JAMB SIMILAR

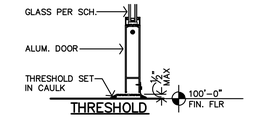


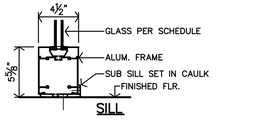
K **INTERIOR STOREFRONT HEAD DTL.**
1 1/2"=1'-0" JAMB SIMILAR



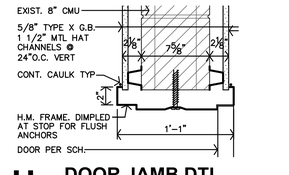




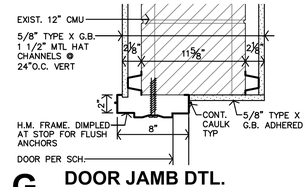




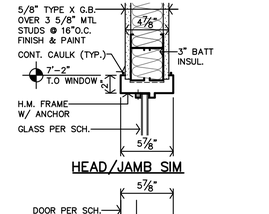
J **STOREFRONT DETAILS**
1 1/2"=1'-0"

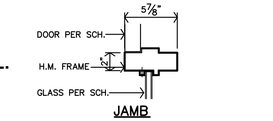


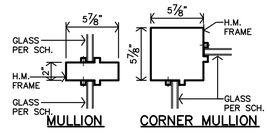
H **DOOR JAMB DTL.**
1 1/2"=1'-0" HEAD SIMILAR

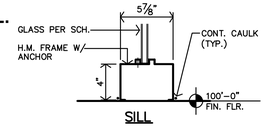


G **DOOR JAMB DTL.**
1 1/2"=1'-0" HEAD SIMILAR

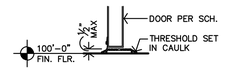




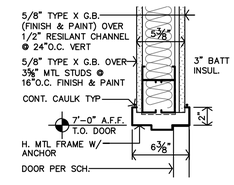




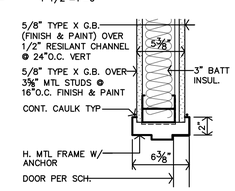
F **H.M. DETAILS**
1 1/2"=1'-0"



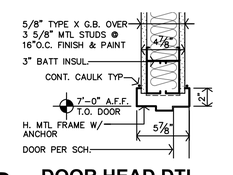
E **DOOR THRESHOLD DTL.**
1 1/2"=1'-0"



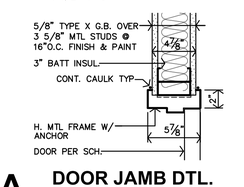
D **DOOR HEAD DTL.**
1 1/2"=1'-0"



C **DOOR JAMB DTL.**
1 1/2"=1'-0"



B **DOOR HEAD DTL.**
1 1/2"=1'-0"



A **DOOR JAMB DTL.**
1 1/2"=1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

CHARLES A. RENZ
5502
8-18-2025
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-18-2025
JOB: 24-3459
SHEET NO.:

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GLAZING SCHEDULE

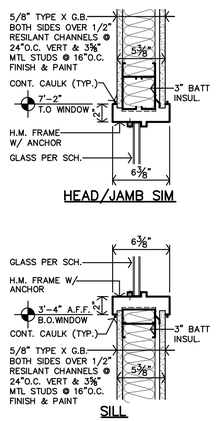
MARK	INTERIOR	EXTERIOR	1/4"	3/4" INSULATED	TINTED	TEMPERED	ONE-WAY
A1		●		●	●	●	
A2		●		●		●	
B1	●		●			●	
B2	●		●				●

WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	STYLE	INTERIOR	EXTERIOR	DETAILS
A	6'-0"	2'-0"	ALUMINUM WINDOW		●	C/E/F-A10.3
B	8'-0"	2'-0"	ALUMINUM WINDOW		●	C/E/F-A10.3
C	7'-2"	8'-0"	ALUMINUM STOREFRONT		●	C/E-A10.3 SIM
D	6'-0"	4'-8"	ALUMINUM WINDOW		●	C/E/F-A10.3
E	2'-5 1/4"	4'-0"	ALUMINUM WINDOW	●		G-A9.3
F	2'-9 3/8"	4'-0"	ALUMINUM WINDOW	●		G-A9.3
G	7'-11 3/8"	4'-0"	ALUMINUM WINDOW & SLIDING WINDOW	●		F-A9.3
H	11'-9 1/2"	8'-0"	ALUMINUM STOREFRONT	●		C/G-A9.3
J	12'-1"	8'-0"	ALUMINUM STOREFRONT	●		C/G-A9.3
K	5'-8"	4'-0"	ACRYLIC PANELS	●		H-A9.3
L	5'-2"	7'-2"	HOLLOW METAL WINDOW	●		D/J-A10.3
M	2'-0"	7'-2"	HOLLOW METAL WINDOW	●		D/J-A10.3
N	4'-0"	3'-10"	HOLLOW METAL WINDOW	●		J-A10.3
P	5'-0"	7'-4"	HOLLOW METAL WINDOW	●		D/J-A10.3
R	(4)3'-0"	4'-10"	ACRYLIC PANELS	●		H-A9.3

GENERAL NOTES:

1. CONTRACTOR MUST INSTALL MTL. FLASHINGS & CONT. CAULK FOR A WEATHER & WATERTIGHT CONDITIONS @ ALL EXTERIOR WINDOW UNITS.
2. CONTRACTOR MUST INSTALL 1/4" INSUL. OR THERMAL BREAK. CONTINUOUS AROUND WINDOW.
3. CONTRACTOR TO PROVIDE & INSTALL MANUFACTURERS COORDINATING PANNING SYSTEM FOR ALUM. WINDOWS.
4. PROVIDE & INSTALL SAFETY GLASS AT HAZARDOUS LOCATIONS, PER 2021 IBC CODE 2406. IN DOORS, ADJACENT & WITHIN 24" TO DOORS, LESS THAN 18" ABV FLOOR, IN GUARDS & HANDRAILS, ADJACENT TO STAIRS AND RAMPS, STAIRS AND RAMPS.
5. ALL OPERABLE WINDOWS SHALL HAVE INSECT SCREENS.

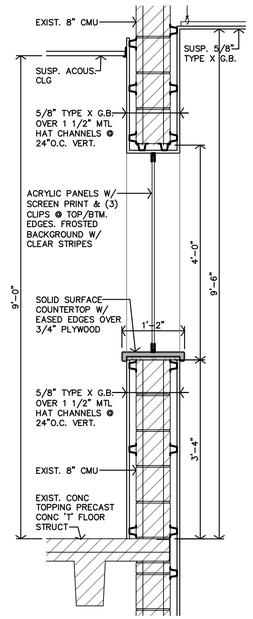


HEAD/JAMB SIM

SILL

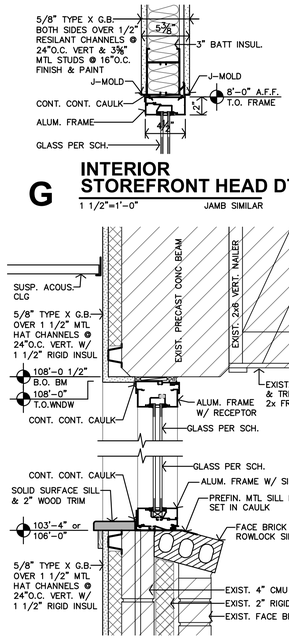
J H.M. DETAILS

1 1/2"=1'-0"



H WINDOW 'K' DETAILS

1 1/2"=1'-0" JAMB SIMILAR

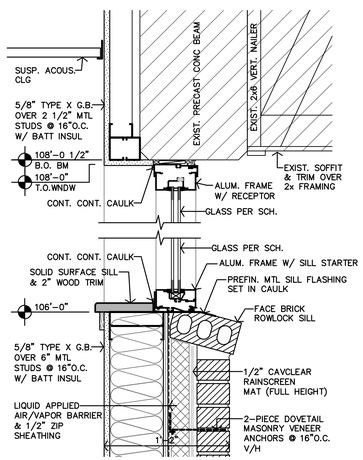


G INTERIOR STOREFRONT HEAD DTL.

1 1/2"=1'-0" JAMB SIMILAR

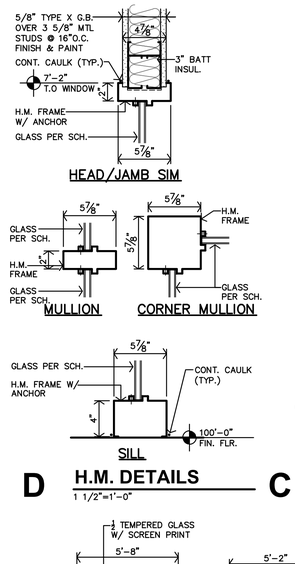
F WINDOW 'A' & 'D' DETAILS @ EXIST.

1 1/2"=1'-0" JAMB SIMILAR



E WINDOW 'A' DETAILS

1 1/2"=1'-0" JAMB SIMILAR

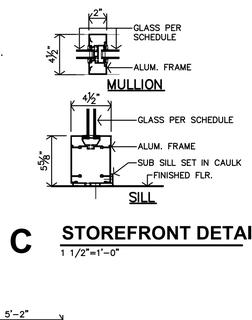


HEAD/JAMB SIM

SILL

D H.M. DETAILS

1 1/2"=1'-0"

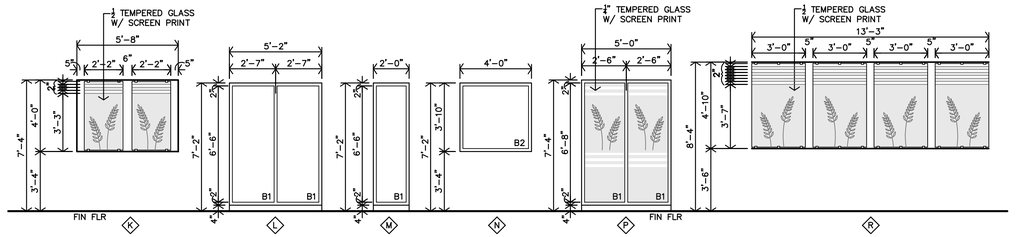


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SILL

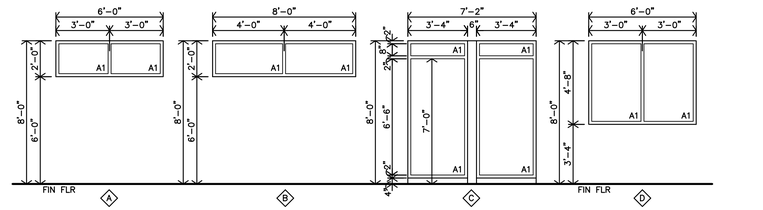
C STOREFRONT DETAILS

1 1/2"=1'-0"



B INTERIOR WINDOW TYPES

1/4"=1'-0"



A EXTERIOR WINDOW TYPES

1/4"=1'-0"

CENTRAL KANSAS MENTAL HEALTH CENTER

REMODEL & ADDITION

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PROFESSIONAL ARCHITECT

REVISION:

DATE: 8-18-2025
JOB: 24-3459
SHEET NO.:

A10.3

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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 2012 International Building Code, as amended by the City of Salina, KS.
D. These drawings are for this specific project and no other use is authorized.

2. Structural Load Design Criteria:

For infill addition (excludes original core & shell)

A. Floor Live = 100psf for
B. Lateral Loads:
   1.) Wind: V = 115 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. Tabulated pressures shall be multiplied by effective area reduction factors, exposure adjustment factors, and topographic factors where applicable
   2.) Seismic: Ss = 0.094, S1 = 0.048
   Occupancy [Risk] Category II, Ie=1.0,
   Site Classification D; Sds = 0.105; Sd1 = 0.077
   Seismic Design Category B
C. This project is designed to resist the most critical effects resulting from the load combinations of section 1605.3 of the 2012 International Building Code.

3. Concrete

A. All concrete for foundations (walls, 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 flatwork shall develop minimum ultimate compressive design strength of 4000 psi in 28 days, but not less than 540 pounds of cement shall be used per cubic yard of concrete regardless of strengths obtained, not over 5.40 gallons of water per 100 pounds of cement and not over 4 inches of slump.
C. All concrete for exterior flatwork shall have a minimum design compressive strength of 4500 psi 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. 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.
G. Contractor shall verify that all concrete inserts, reinforcing and embedded items are correctly located and rigidly secured prior to concrete placement.
H. Construction joints in beams, slabs, and grade beams shall occur at midspan (middle third) unless noted otherwise. Provide 2 x 4 horizontal keys at construction joints for shear transfer.
I. 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. 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.

5. Structural Steel

A. All structural steel beams and columns shall be ASTM A992, grade 50 steel and all miscellaneous steel shall be ASTM A36 grade steel (except at moment connections where plates shall be ASTM A572, grade 50). Hollow Structural Sections (HSS) shall be ASTM A500, grade B. Fabrication and erection shall be in accordance with AISC 303-05 "Code of Standard Practice for Steel Buildings and Bridges" in the 13th Edition of the AISC Steel Construction Manual.
B. All welding shall conform to the recommendations of the AWS.
C. All exterior steel and connections, and brick relief angles shall be hot-dip galvanized.
D. All bolts not otherwise specified shall be 3/4" diameter high strength (ASTMA325-N). All bolts shall be fully pretensioned.
E. All anchor bolts shall be 3/4" diameter, ASTM F1554, Grade 36 unless noted otherwise. Washers of minimum size and thickness for the given anchor diameter in Table 14-2 of the AISC Steel Construction Manual shall be provided at every column anchor bolt. Washers shall have a standard size hole for the anchor bolt. At braced frames washers shall be welded all around to the column base plate with 3/16" fillet weld.
F. Design and installation of steel decking shall comply with the recommendations of the Steel Deck Institute (SDI). All decking shall be galvanized unless noted otherwise.

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.
D. Mechanical anchors used in solid grouted masonry shall have been tested and qualified for use in accordance with ICC-ES AC01. All anchors shall be installed per the anchor manufacturer's written instructions.
E. Adhesive anchors used in solid grouted masonry shall have been tested and qualified for use in accordance with ICC-ES AC58. All anchors shall be installed per the anchor manufacturer's written instructions.
F. Anchors used in hollow concrete masonry shall have been tested and qualified in accordance with ICC-ES AC106 or ICC-ES AC58 as appropriate. All anchors shall be installed per the anchor manufacturer's written instructions with appropriate screen tubes used for adhesives.

7. Foundations

A. The soil investigation was not prepared for this addition/renovation. Soil shall be field verified to safely sustain 1,500psf bearing
B. Contractor shall provide for dewatering at excavations from either surface water or seepage.
C. All foundation excavations shall be inspected by a qualified soil engineer, approved by the architect and/or structural engineer, prior to placement of steel or concrete. This inspection shall be at the owner's expense.
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 or other conditions, recompact materials to the density and water content specified for engineered fill. Do not place concrete on frozen ground.

8. Light Gage Metal Structural Framing

A. All load bearing, light gage structural studs, track, and bridging shall be of the type, size, gage, and spacing as shown on the plans, minimum.
B. All materials shall be 33,000 psi minimum yield, except studs of 16 gage or heavier shall have a minimum yield of 50,000 psi.
C. All properties, fabrication, and erection shall be in accordance with latest editions of the AISI "Specifications for the Design of Cold-Formed Structural Members."
D. All framing components shall be cut squarely or at an angle to fit squarely against abutting members. Splicing of axially loaded members is not permitted. Members shall be held firmly in place until properly fastened. Attachments of similar components shall be by welding, screw attachment, or bolting. Wire tying of components is not permitted.
E. Tracks shall be securely anchored to floor and overhead members. Special anchorage requirements required for wind bracing shall be as shown on the plans.

9. 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.) Concrete mix designs and material certificates including admixtures and compounds applied to the concrete after placement.
   2.) Reinforcing steel shop drawings including erection drawings and bending details. Bar list will not be reviewed for correct quantities.
   3.) Construction and control joint plans and/or elevations.
   4.) Structural steel shop drawings including erection drawings and piece details. Include decking and miscellaneous framing specified on the structural drawings, but do not submit framing specified on non-structural drawings for Bob D. Campbell and Company, Inc. review.
   5.) Miscellaneous anchors shown on the structural drawings.
   6.) Deferred Submittal: Railings and guardrails.
   7.) Deferred Submittal: Metal stair framing.
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.

10. Statement of Structural Special Inspections

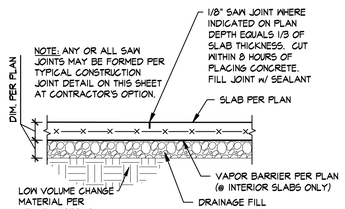
A. The structural design for this project is based on completion of special inspections during construction in accordance with section 1704 of the International Building Code. The owner shall employ one or more qualified special inspectors to provide the required special inspections.
B. The following 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.) Steel Construction per Section 1705.2 and the quality assurance requirements of AISC 341 Chapter J (as referenced by AISC 360)
   3.) Cold-Formed Steel Deck per Section 1705.2.2 and the quality assurance requirements of SDI QA/QC.
   4.) Concrete Construction per Section 1705.3 and Table 1705.3
      a.) Reinforcing Steel Placement
      b.) Cast in Place Anchors
      c.) Post Installed Anchors
      d.) Design Mix Verification
      e.) Concrete Sampling and Testing
      f.) Concrete Placement
      g.) Concrete Curing
      h.) Formwork Shape, Location and Dimensions
   5.) Verification of Soils per Table 1705.6
C. The special inspector shall furnish inspection reports to the building official, owner, architect and structural engineer, and any other designated person.
D. 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.
E. The special inspector shall submit a final signed report stating that the work requiring special inspection has, 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.

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.

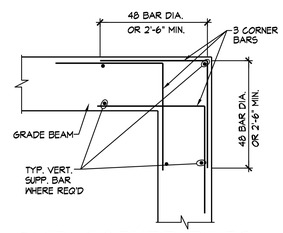
STRUCTURAL ABBREVIATIONS

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



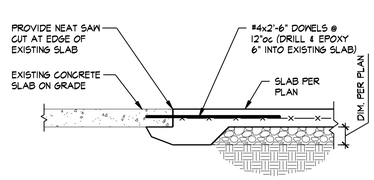
TYPICAL SAW JOINT NOTED "SJ" ON PLAN

SECTION 1 / S0.1 — 3/4" = 1'-0"



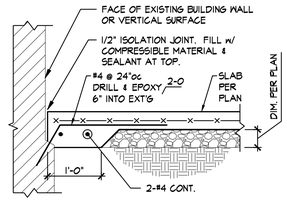
TYP. CORNER BARS

2 / S0.1 — 3/4" = 1'-0"



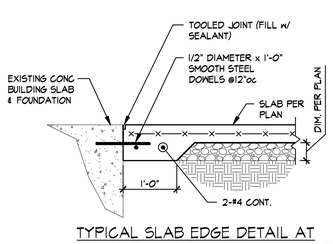
TYPICAL AT NEW-TO-EXISTING SLAB ON GRADE

SECTION 3 / S0.1 — 3/4" = 1'-0"



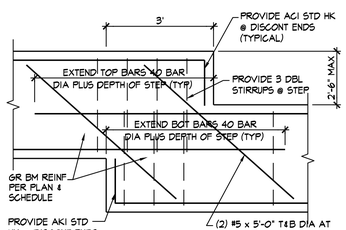
TYPICAL SLAB EDGE DETAIL AGAINST EXISTING BUILDING WALL OR VERTICAL SURFACE

SECTION 4 / S0.1 — 3/4" = 1'-0"



TYPICAL SLAB EDGE DETAIL AT EXISTING BUILDING SLAB THRESHOLD

SECTION 5 / S0.1 — 3/4" = 1'-0"



TYP. GRADE BM. STEP

6 / S0.1 — 1/2" = 1'-0"

LEGEND:

..... SPAN DIRECTION OF DECK AND DECK/SLAB TYPE PER SCHED. ON SO.1

CFI ..... BOX HEADER AND JAMB SIZE AND CONNECTION REQUIREMENTS PER SCHEDULE ON SO.2

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Central Kansas Metal Health Center

Remodel & Addition

SALINA, KANSAS

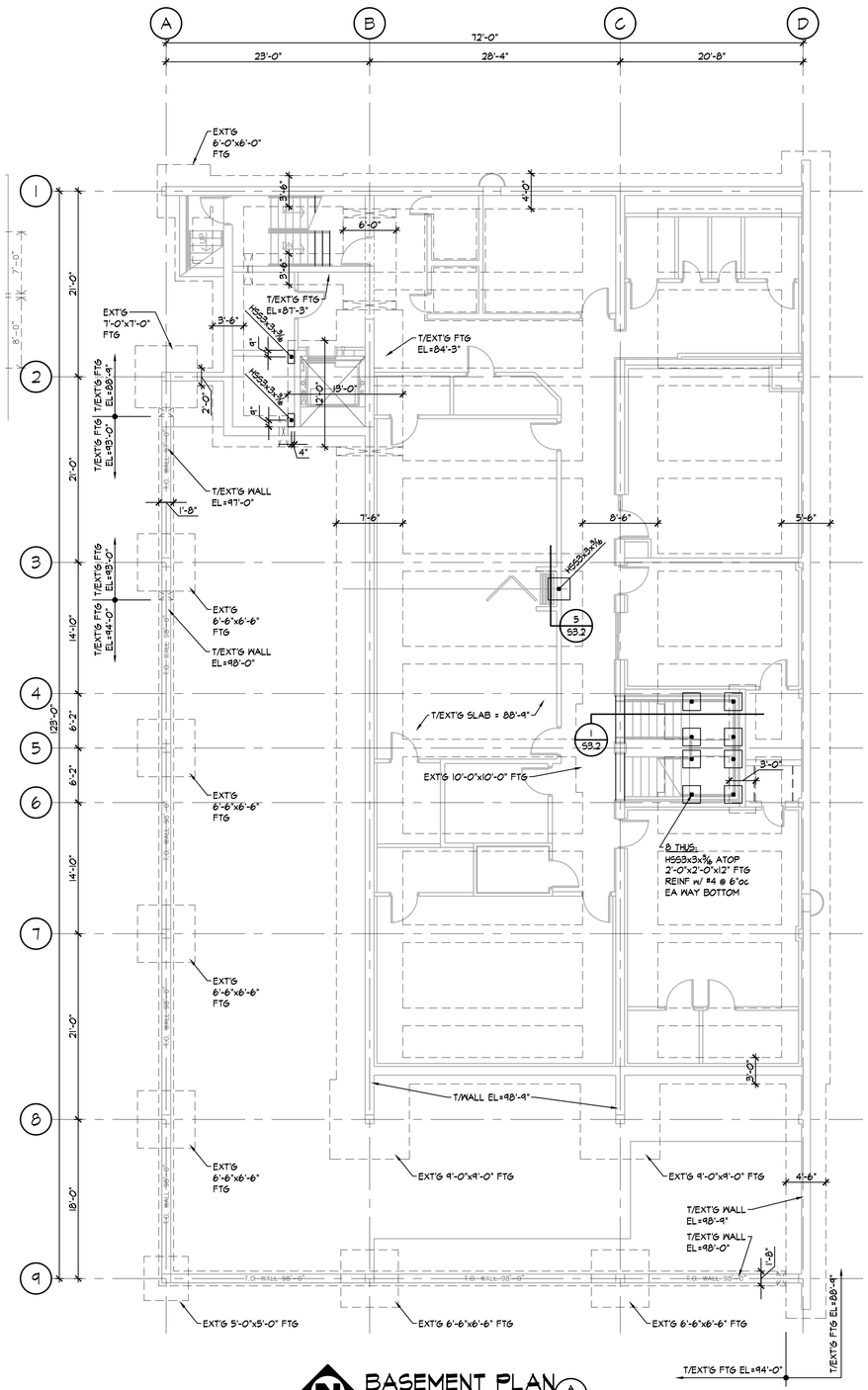
CHRISTOPHER A. BEVERLIN — 23831 — 8-20-25 — KANSAS — PROFESSIONAL ENGINEER

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S0.1

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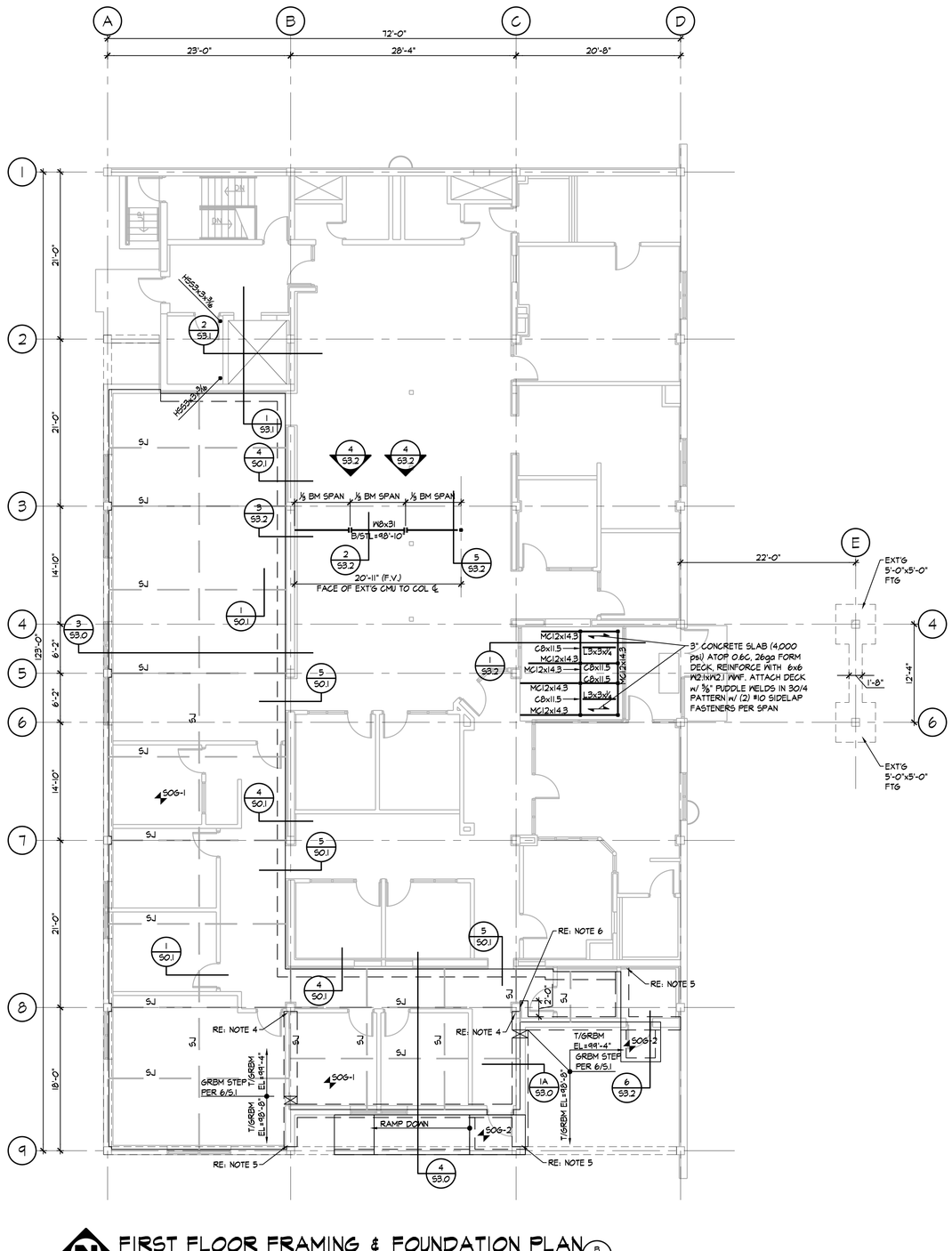
BASEMENT PLAN

A S2.1

1/8" = 1'-0"

NOTES:

1) REFER TO GENERAL NOTES ON SHEET S0.1
2) ALL EXISTING WALL & FOOTING INFO SHOWN HERE SHALL BE FIELD VERIFIED



FIRST FLOOR FRAMING & FOUNDATION PLAN

B S2.1

1/8" = 1'-0"

NOTES:

1) REFER TO GENERAL NOTES ON SHEET S0.1
2) 'SOG-1' DENOTES 4" CONCRETE SLAB (4,000psi) REINFORCE WITH 6x6-W2.9xW2.9 WWF ATOP 15 MIL VAPOR BARRIER ATOP 6" OF 3/4" CLEAN GRANULAR LEVELING COURSE ATOP SUITABLE SUBGRADE MATERIAL PER GEOTECH SPECIFICATIONS. T/SLAB = PER PLAN
3) 'SOG-2' DENOTES 4" CONCRETE SLAB (4,500psi, AIR-ENTRAINED) REINFORCE WITH 6x6-W2.9xW2.9 WWF ATOP 15 MIL VAPOR BARRIER ATOP 6" OF 3/4" CLEAN GRANULAR LEVELING COURSE ATOP SUITABLE SUBGRADE MATERIAL PER GEOTECH SPECIFICATIONS. T/SLAB = PER PLAN
4) PROVIDE (6) #5x3-6 (2T, 2M, 2B). DRILL & EPOXY 12" INTO EXISTING WALL & PROJECT INTO NEW GRADE BEAM. LOCATE 4" CLEAR FROM FACE OF EXISTING WALL
5) PROVIDE #5x3-6 (2T, 2M, 2B). DRILL & EPOXY 8" INTO EXISTING WALL & PROJECT INTO NEW GRADE BEAM. LOCATE 4" CLEAR FROM FACE OF EXISTING WALL
6) PROVIDE (6) #5 U-BARS AT 6'oc STARTING AT GRID 'B'. DRILL & EPOXY HORIZONTAL LEG INTO EXISTING WALL WITH 8" EMBED 16" 22" 16"
7) PROVIDE (3) #4x3'-6", DRILL & EPOXY 6" INTO EXT'G WALL & PROJECT INTO 8" FDN WALL

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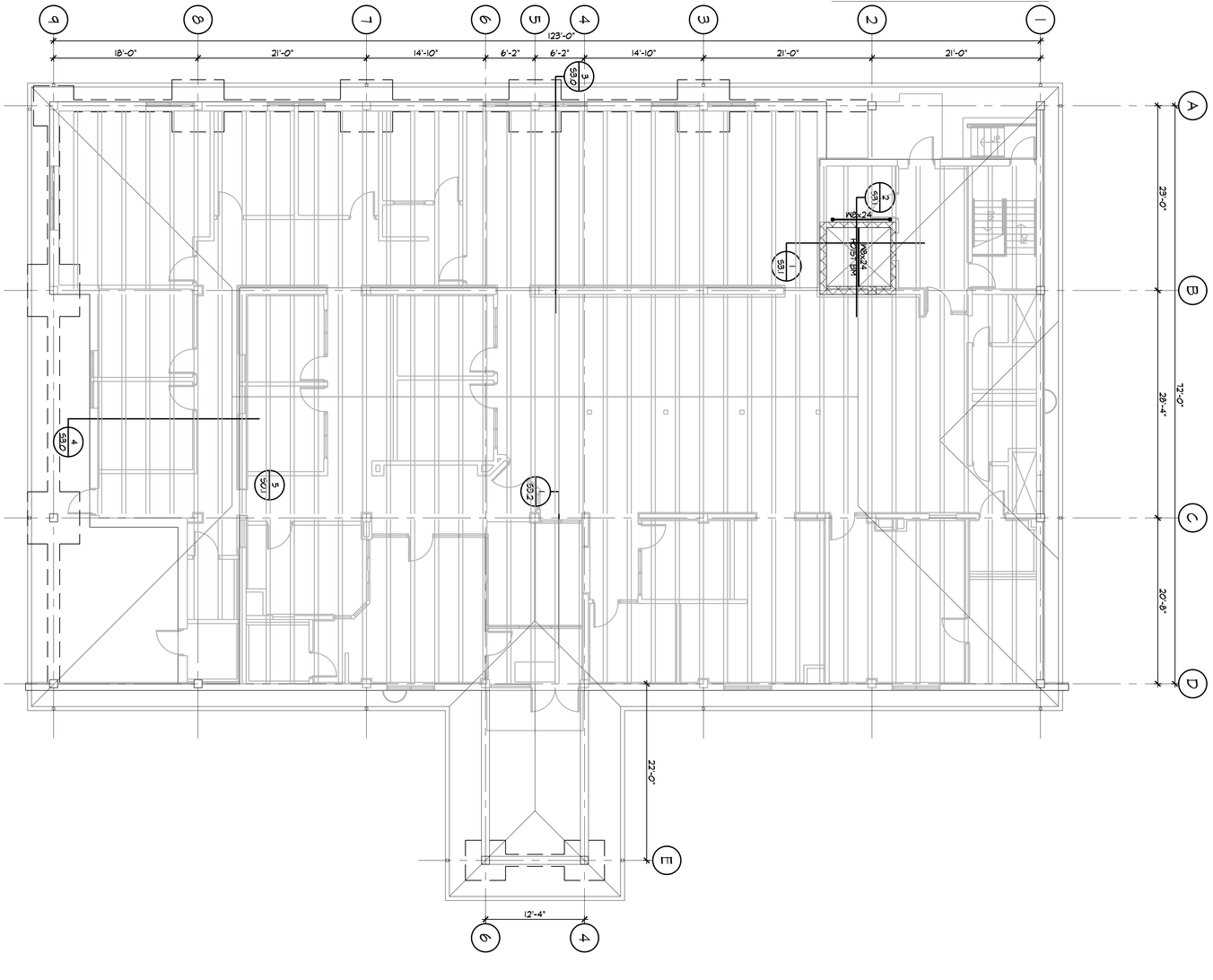
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ROOF FRAMING PLAN

3/8" = 1'-0"

NOTES:

1) REFER TO GENERAL NOTES ON SHEET S0.1

S2.2

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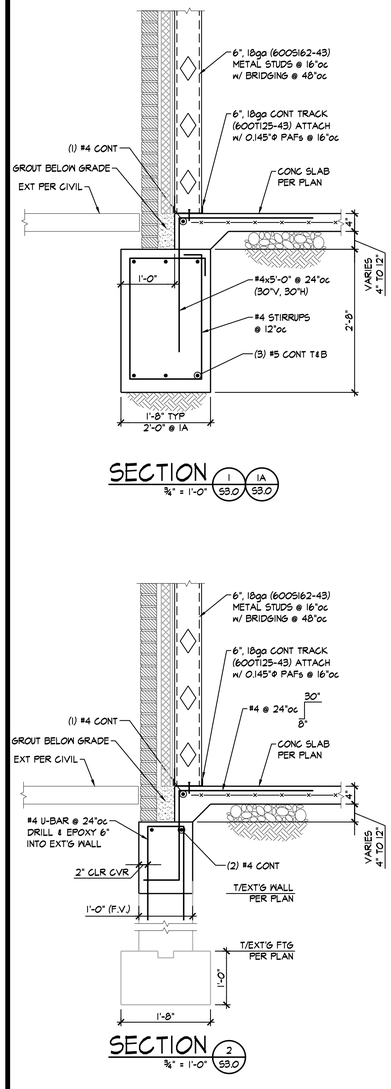
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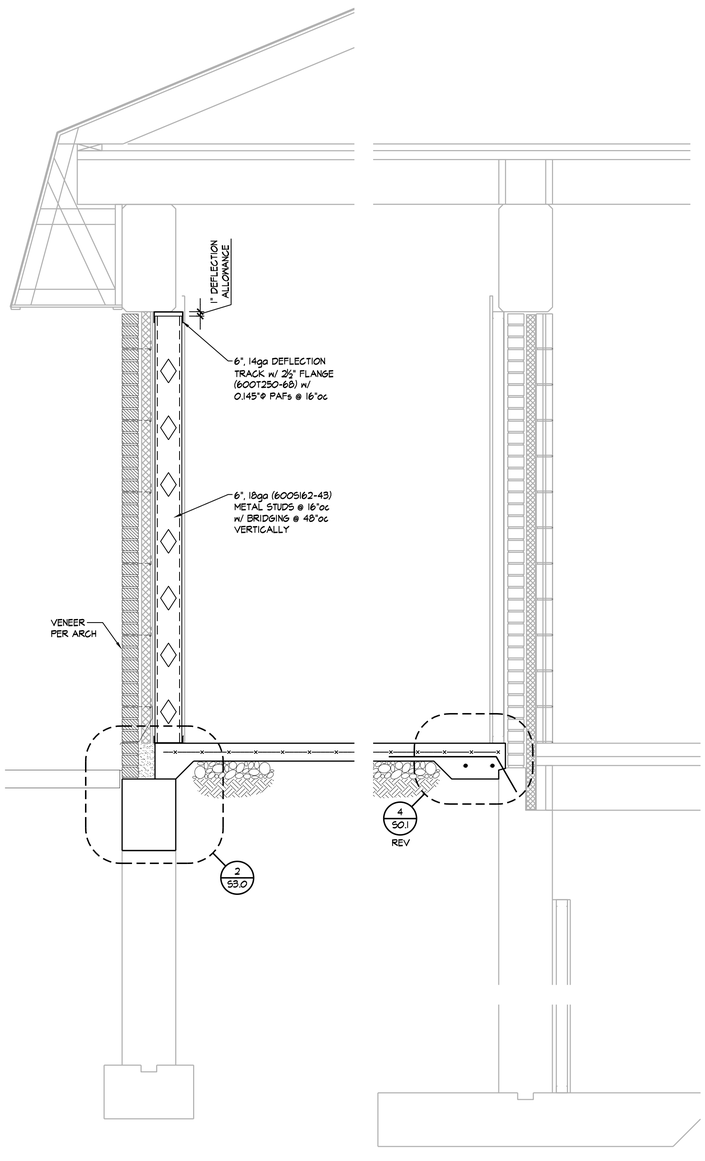
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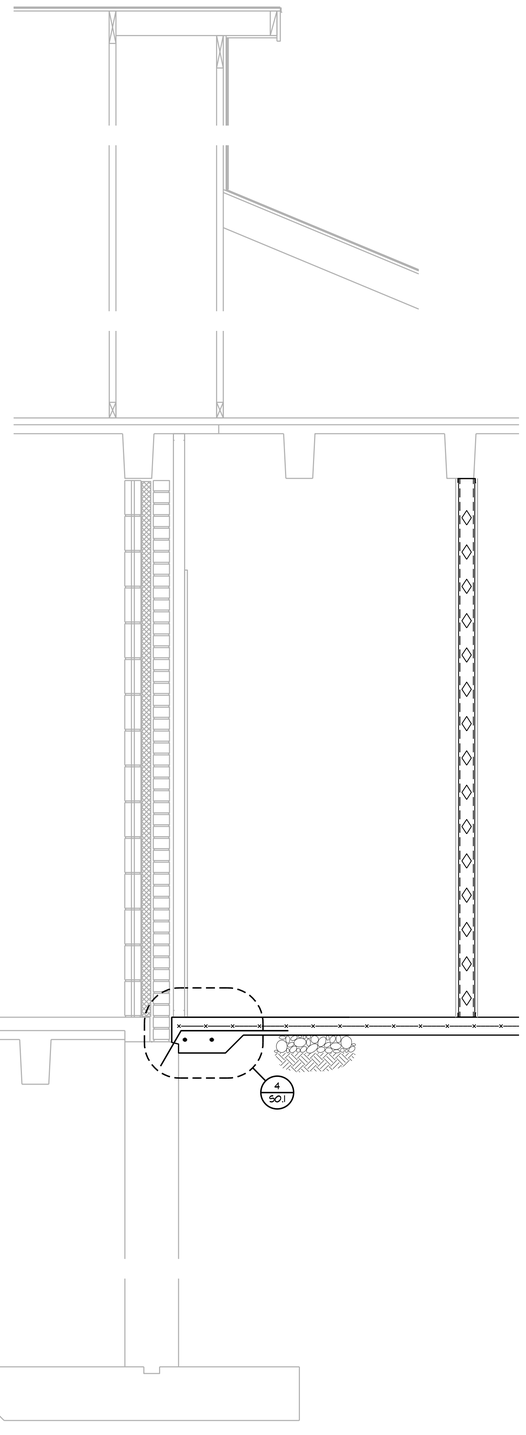


SECTION 1/S3.0 — 1A/S3.0
3/4" = 1'-0"

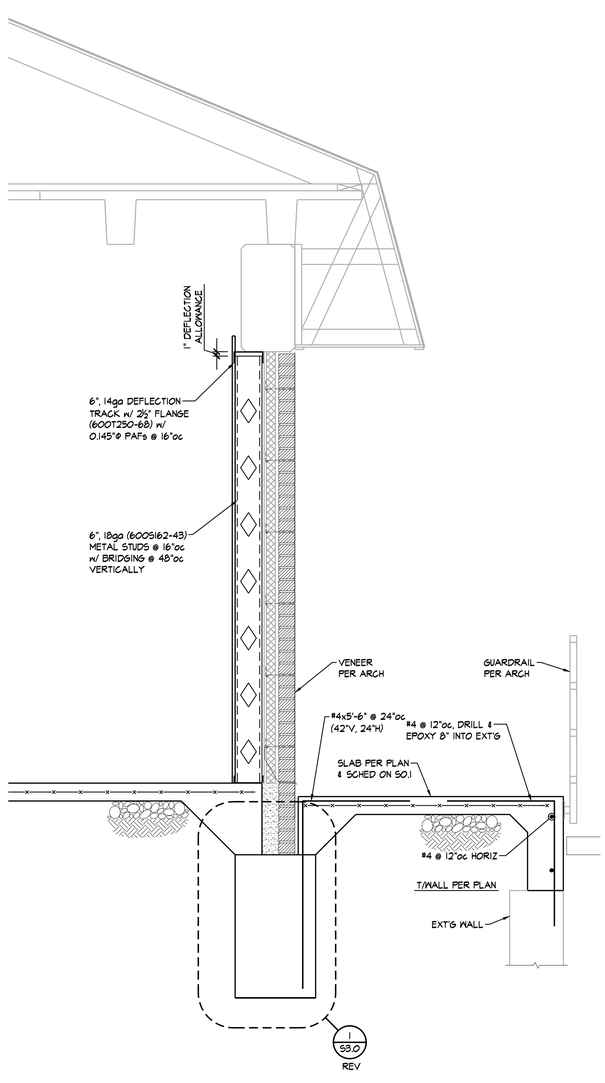
SECTION 2/S3.0
3/4" = 1'-0"



SECTION 3/S3.0
3/4" = 1'-0"



SECTION 4/S3.0
3/4" = 1'-0"



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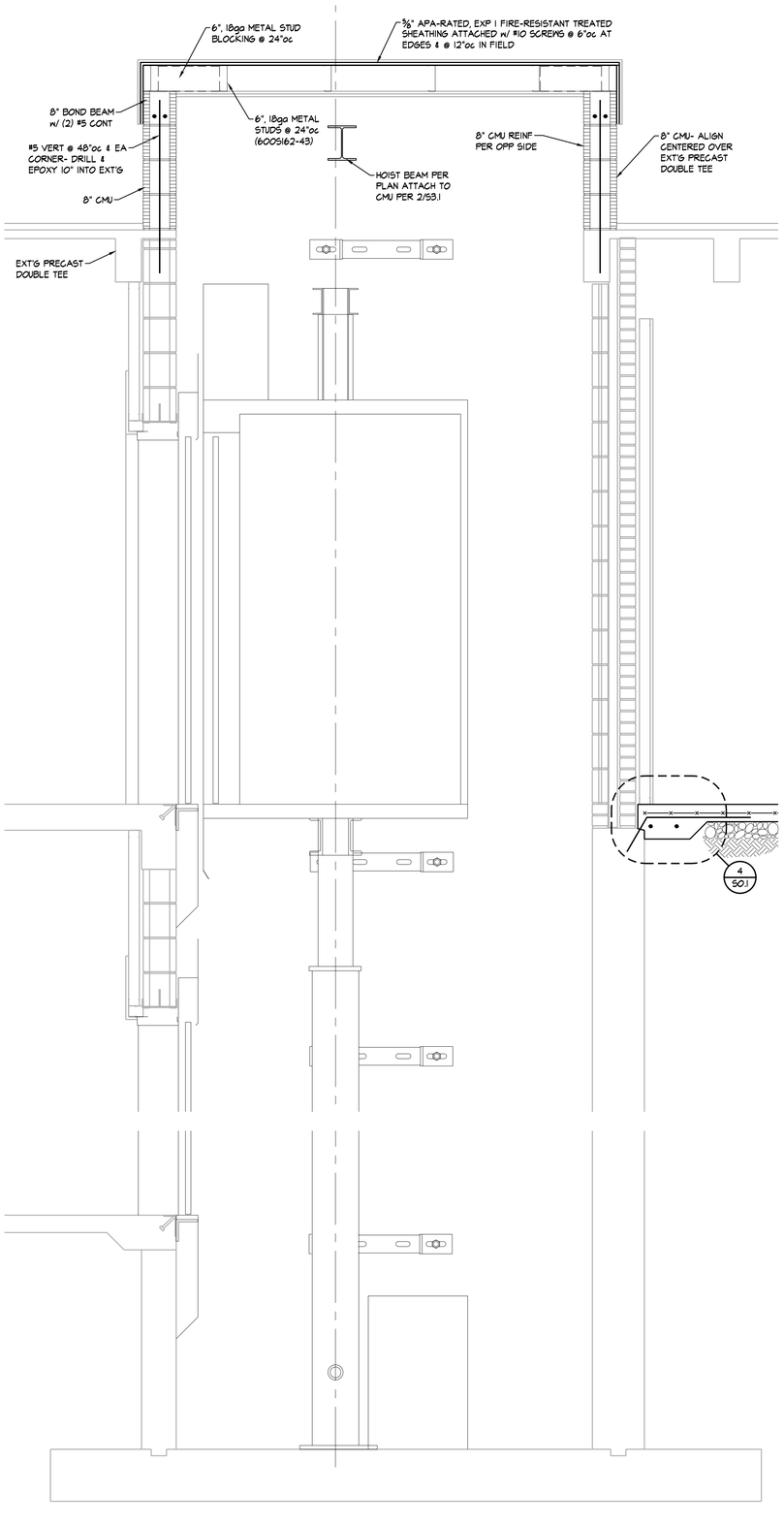
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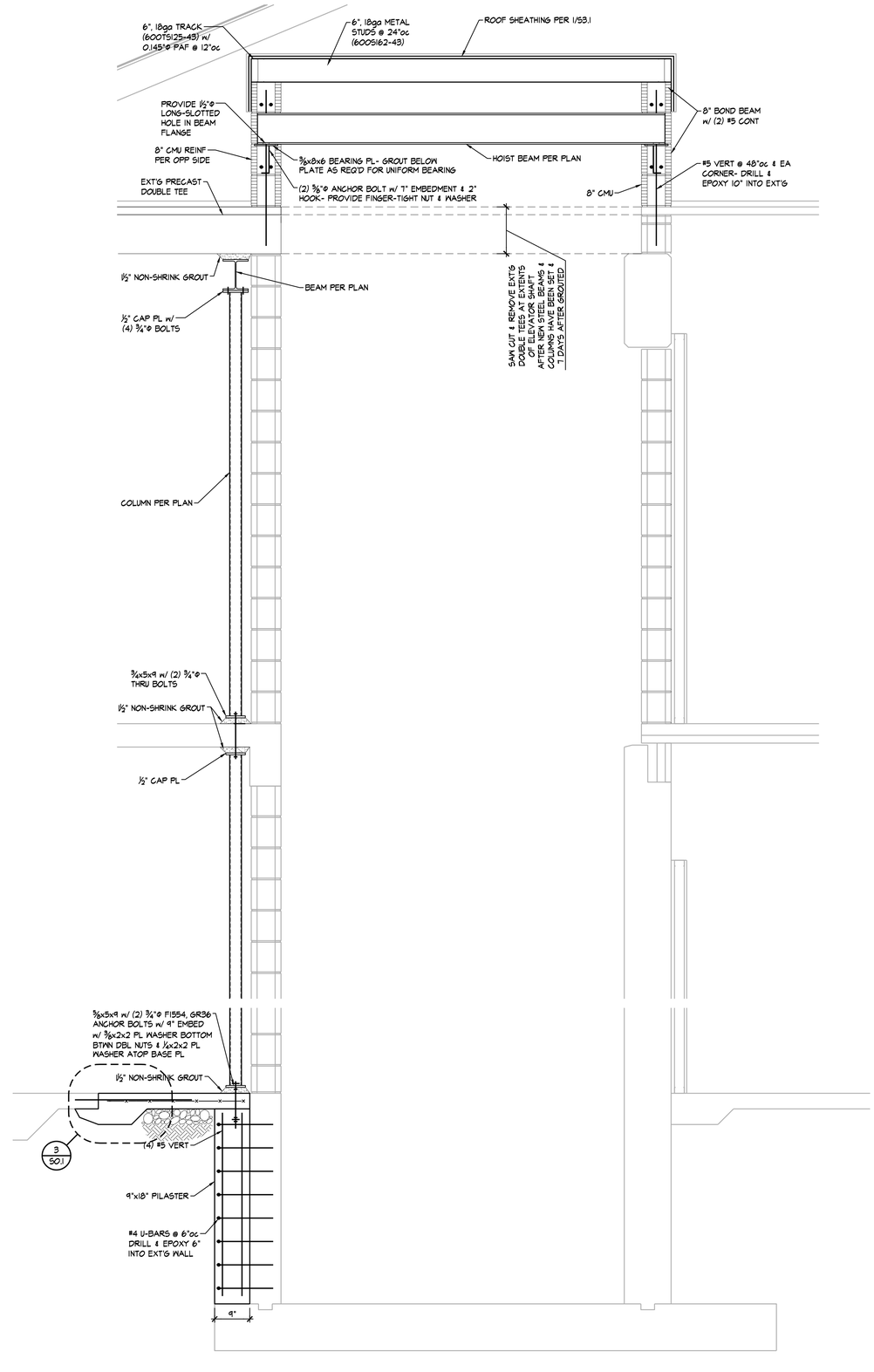
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S3.0

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SECTION 1 / S3.1
¾" = 1'-0"



SECTION 2 / S3.1
¾" = 1'-0"

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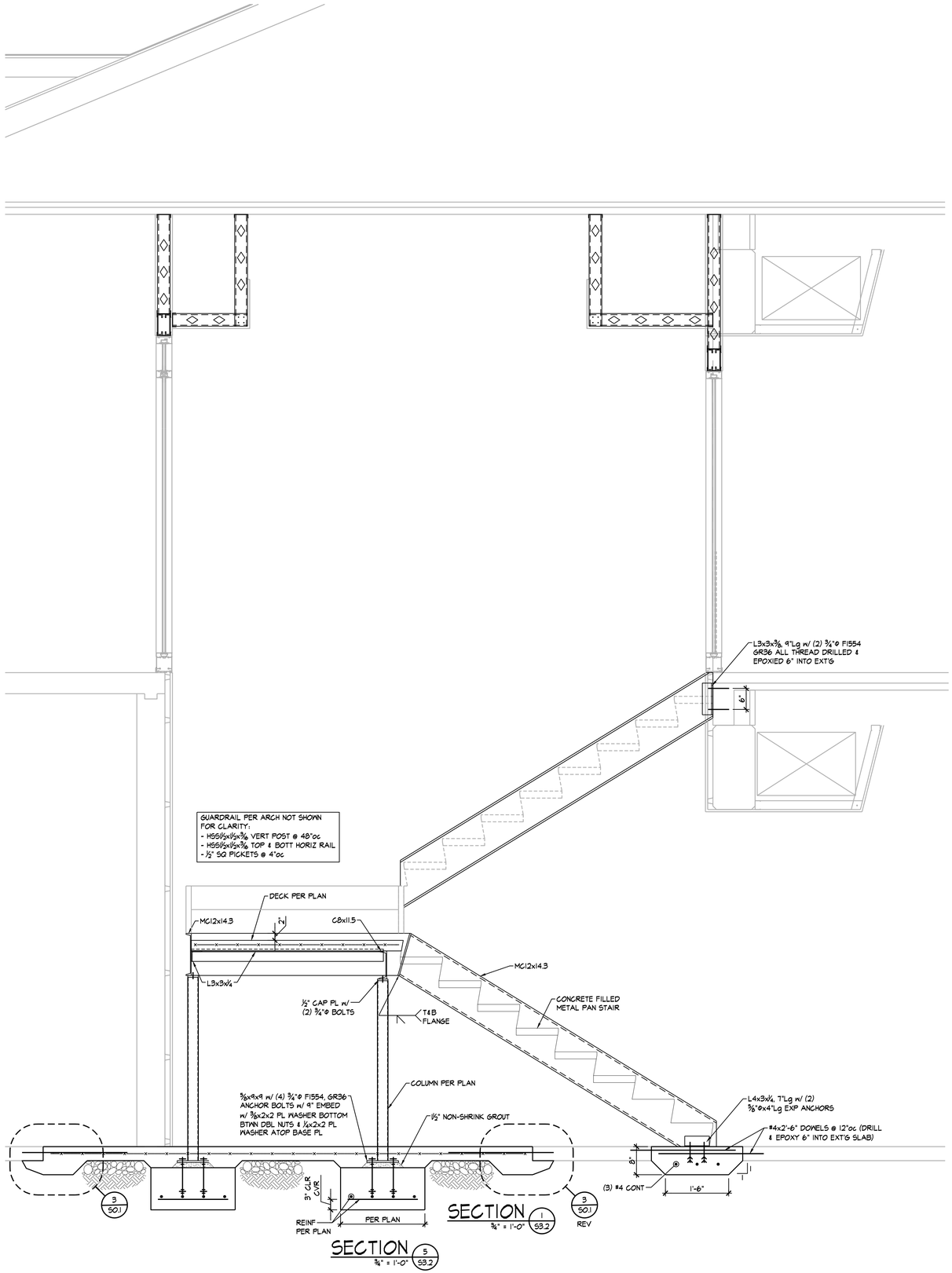
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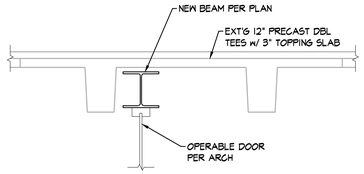
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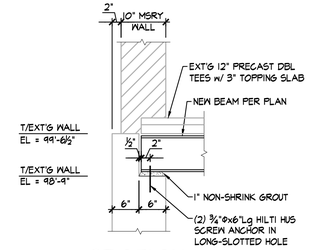
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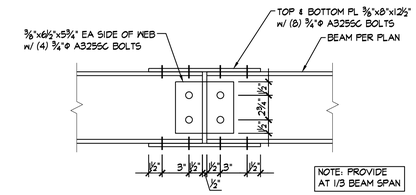




SECTION 2 S3.2 ¾" = 1'-0"

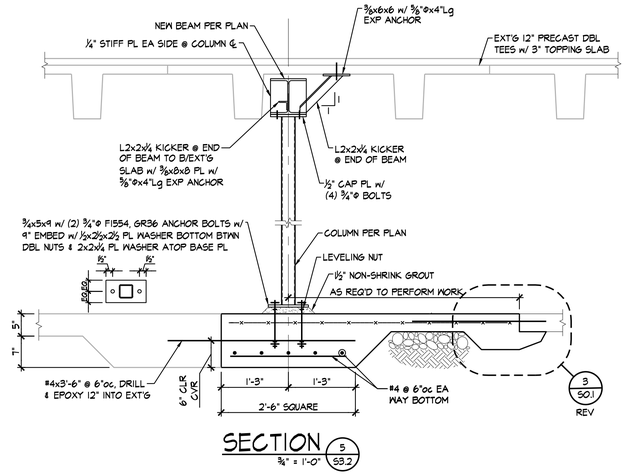


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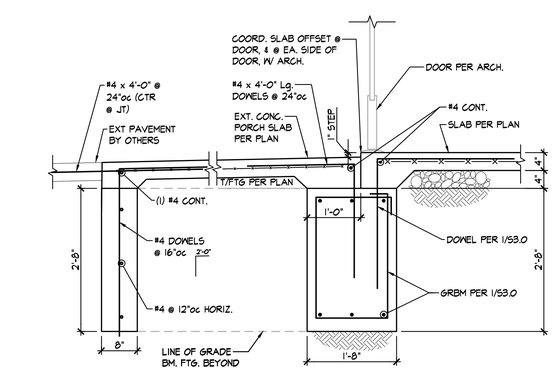


OPTIONAL BEAM SPLICE

ELEVATION 4 S3.2 1½" = 1'-0"



SECTION 5 S3.2 ¾" = 1'-0"



SECTION 6 S3.2 ¾" = 1'-0"

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Central Kansas Metal Health Center
Remodel & Addition
SALINA, KANSAS

CHRISTOPHER A. BECKER — 23831 — 8-20-25 — KANSAS — PROFESSIONAL ENGINEER

REVISION:

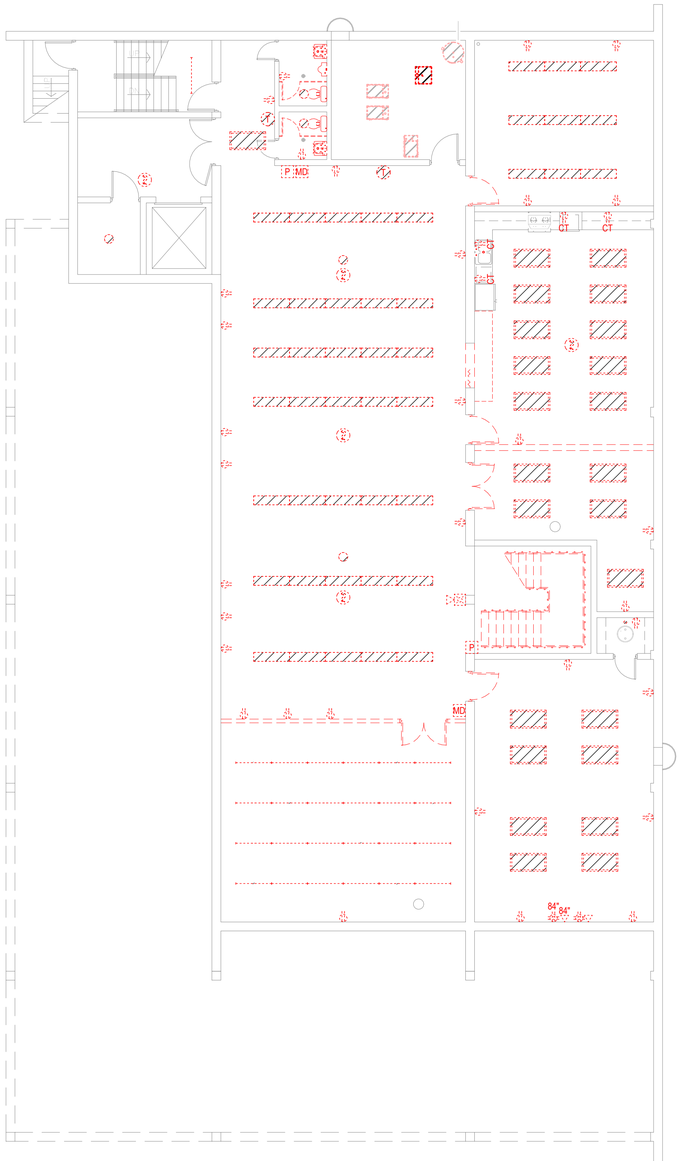
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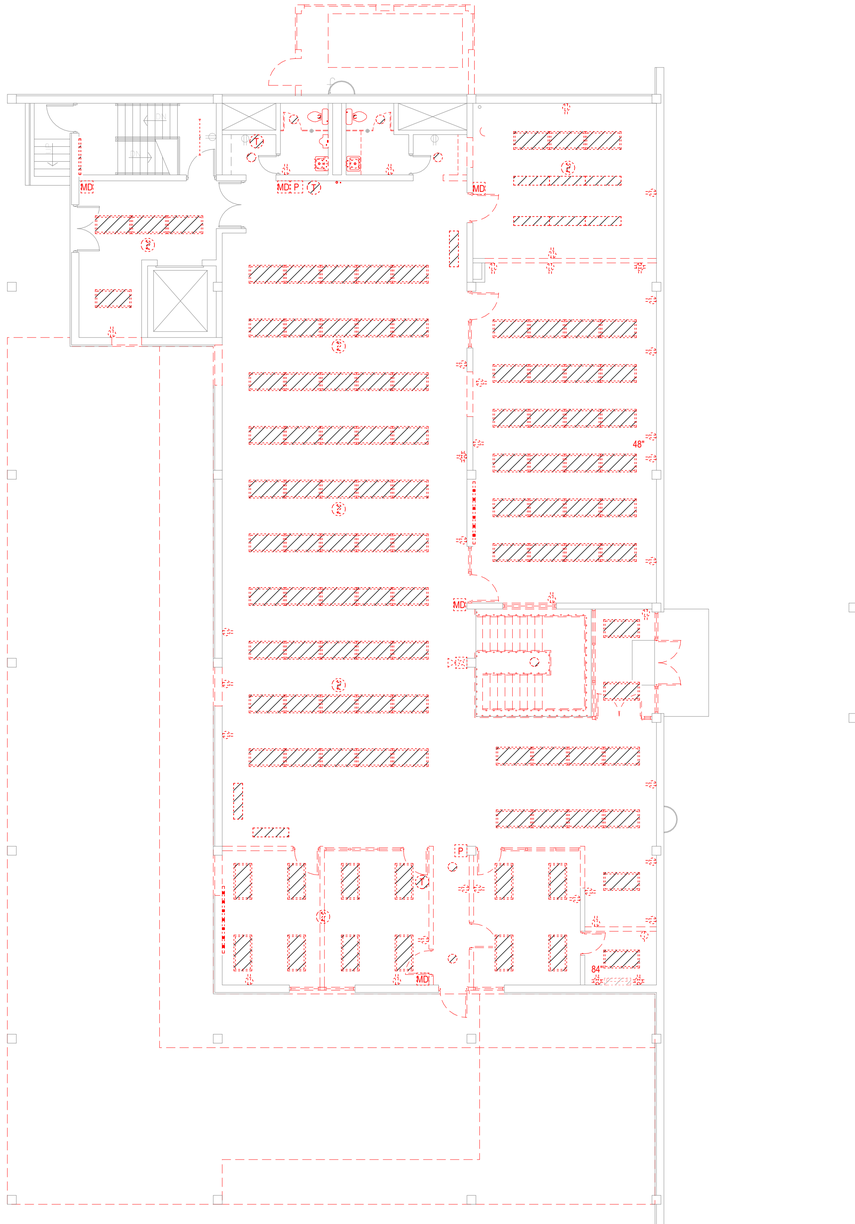
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Project 25018 **08/18/2025**



1 BASEMENT-M/E DEMOLITION PLAN
1/8" = 1'-0"



2 FIRST FLOOR-M/E DEMOLITION PLAN
1/8" = 1'-0"

GENERAL MECHANICAL DEMOLITION NOTES

A. ALL PIPING TAKEN OUT OF SERVICE SHALL BE REMOVED. WHERE PIPING TO BE REMOVED IS CONNECTED TO EXISTING PIPING TO REMAIN, PIPING SHALL BE REMOVED BACK TO MAIN AND CAPPED, UNLESS INDICATED OTHERWISE. CONTRACTOR SHALL DISPOSE OF PIPING OR DELIVER TO OWNER, AS DIRECTED BY OWNER.
B. WHERE PIPING TAKEN OUT OF SERVICE IS LOCATED BELOW SLAB AND IS UNABLE TO BE REMOVED, CAP BELOW SLAB.
C. ALL DUCTWORK TAKEN OUT OF SERVICE SHALL BE REMOVED.
D. COORDINATE CUTTING, PATCHING OF EXISTING WALLS, CEILINGS, ROOF AND FLOORS AFFECTED BY MECHANICAL DEMOLITION WITH G.C.
E. ALL EQUIPMENT TAKEN OUT OF SERVICE SHALL BE REMOVED. EQUIPMENT SHALL BE DELIVERED TO OWNER OR DISPOSED OF AS DIRECTED BY OWNER.
F. REMOVE ALL MECHANICAL INSTALLATION FROM PROJECT AREA, UNLESS REQUIRED FOR NEW WORK OR EXISTING INSTALLATION NOT AFFECTED BY REMODEL. COORDINATE WITH OWNER AND G.C.
G. SERVICES TO ITEMS NOT REMOVED AS PART OF THIS WORK SHALL BE RESTORED UPON COMPLETION OF THIS WORK TO FULLY OPERATIONAL CONDITION.
H. NOT ALL ITEMS REQUIRED TO BE DEMOLISHED MAY BE INDICATED ON DRAWINGS. ALL DEMOLITION OF AFFECTED SPACE SHALL BE PERFORMED AS IF INDICATED.
I. FIELD VERIFY EXACT LOCATION OF ALL EXISTING MECHANICAL INSTALLATION INDICATED ON DRAWINGS.
J. ALL ITEMS TO BE RE-USED OR RELOCATED SHALL BE CLEANED, REPAIRED, AND RESTORED TO LIKE NEW CONDITION PRIOR TO RE-USE.

GENERAL PLUMBING DEMOLITION NOTES

A. ALL PIPING TAKEN OUT OF SERVICE SHALL BE REMOVED. WHERE PIPING TO BE REMOVED IS CONNECTED TO EXISTING PIPING TO REMAIN, PIPING SHALL BE REMOVED BACK TO MAIN AND CAPPED, UNLESS INDICATED OTHERWISE. CONTRACTOR SHALL DISPOSE OF PIPING OR DELIVER TO OWNER, AS DIRECTED BY OWNER.
B. WHERE PIPING TAKEN OUT OF SERVICE IS LOCATED BELOW SLAB AND IS UNABLE TO BE REMOVED, CAP BELOW SLAB.
C. COORDINATE CUTTING, PATCHING OF EXISTING WALLS, CEILINGS, ROOF AND FLOORS AFFECTED BY MECHANICAL DEMOLITION WITH G.C.
D. ALL EQUIPMENT TAKEN OUT OF SERVICE SHALL BE REMOVED. EQUIPMENT SHALL BE DELIVERED TO OWNER OR DISPOSED OF AS DIRECTED BY OWNER.
E. REMOVE ALL PLUMBING INSTALLATION FROM PROJECT AREA, UNLESS REQUIRED FOR NEW WORK OR EXISTING INSTALLATION NOT AFFECTED BY REMODEL. COORDINATE WITH OWNER AND G.C.
F. SERVICES TO ITEMS NOT REMOVED AS PART OF THIS WORK SHALL BE RESTORED UPON COMPLETION OF THIS WORK TO FULLY OPERATIONAL CONDITION.
G. NOT ALL ITEMS REQUIRED TO BE DEMOLISHED MAY BE INDICATED ON DRAWINGS. ALL DEMOLITION OF AFFECTED SPACE SHALL BE PERFORMED AS IF INDICATED.
H. FIELD VERIFY EXACT LOCATION OF ALL EXISTING PLUMBING INSTALLATION INDICATED ON DRAWINGS.
I. ALL ITEMS TO BE RE-USED OR RELOCATED SHALL BE CLEANED, REPAIRED, AND RESTORED TO LIKE NEW CONDITION PRIOR TO RE-USE.

GENERAL ELECTRICAL DEMOLITION NOTES

1. REMOVE ALL NM, BX, MC, AC AND OTHER CABLE SYSTEMS AND WIRING FOR ALL ABANDONED CIRCUITS.
2. REMOVE ALL ABANDONED CONDUITS ABOVE LAY-IN CEILINGS, EXPOSED CONDUITS, FLEXIBLE CONDUITS, SURFACE RACEWAY, SURFACE MOUNTED OUTLET/JUNCTION BOXES AND EQUIPMENT UNLESS NOTED OTHERWISE.
3. WHERE ABANDONED FEEDERS AND BRANCH CIRCUITS ARE CONCEALED WITHIN WALLS, FLOORS AND HARD CEILINGS THAT ARE TO REMAIN, REMOVE ALL WIRING AND CAP CONDUITS AT BOTH ENDS.
4. WHERE ABANDONED OUTLET AND JUNCTION BOXES ARE RECESSED FLUSH IN WALLS, FLOORS AND HARD CEILINGS THAT ARE TO REMAIN, REMOVE ALL WIRING AND WIRING DEVICES AND PROVIDE BLANK STAINLESS STEEL COVERPLATES FOR BOXES 6"x6" AND SMALLER. REMOVE BOXES LARGER THAN 6"x6" AND PATCH SURFACE TO MATCH EXISTING. COORDINATE WITH ARCHITECT FOR FINAL DIRECTION.
5. ALL EQUIPMENT, FIXTURES, RACEWAY, WIRING AND DEVICES WHICH ARE REMOVED SHALL BE REMOVED FROM THE JOB SITE BY THIS CONTRACTOR, UNLESS DIRECTED OTHERWISE BY THE ARCHITECT OR OWNER'S REPRESENTATIVE. CONFORM TO ALL LAWS AND ORDINANCES IN EFFECT CONCERNING THE PROPER DISPOSAL OF LUMINAIRES AND LAMPS.
6. COORDINATE THE REMOVAL OF MECHANICAL AND PLUMBING EQUIPMENT WITH THE MECHANICAL AND PLUMBING CONTRACTORS. ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ELECTRICAL POWER AND CONTROL CIRCUITS FOR EQUIPMENT BEING REMOVED. REMOVE ALL ELECTRICAL EQUIPMENT ASSOCIATED WITH DEMOLISHED MECHANICAL AND PLUMBING EQUIPMENT (DISCONNECT SWITCHES, MOTOR STARTERS, RELAYS, ETC).

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SALINA, KANSAS

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Project 25018 **08/18/2025**

General Plan Symbols

- Plan Revision Number
- Detail Number on Sheet / Sheet Number Where Detail is Placed
- Keynote Symbol
- Continuation Symbol
- Point Where New Connects To Existing
- Room Name / Number
- Area Being Demolished
- Area Not In Contract
- Electrical Equipment. Do not route HVAC installation above or below equipment. Maintain working clearance as indicated by dashed line.

Abbreviations

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MUA	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLG	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CW	COLD WATER	O	OXYGEN
D	DEGREE	O/A	OUTSIDE AIR
DB	DRY BULB	ORD	OVERFLOW ROOF DRAIN
DIA	DIAMETER	PD	PRESSURE DROP
DN	DOWN	PIV	POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG	PLUMBING
EA	EACH	PRESS	PRESSURE
EAT	ENTERING AIR TEMPERATURE	PRV	PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI	POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG	POUNDS PER SQUARE INCH GAUGE
EWC	ELECTRIC WATER COOLER	PWR	POWER
EWT	ENTERING WATER TEMPERATURE	R	DUCT RISER
E/A	EXHAUST AIR	R/A	RETURN AIR
EXIST	EXISTING	RCP	RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	RD	ROOF DRAIN
FCO	FLOOR CLEAN OUT	REC	RECESSED
FD	FLOOR DRAIN	RED	REDUCER
FDC	FIRE DEPARTMENT CONNECTION	RH	RELATIVE HUMIDITY
FL	FLOOR	RL/A	RELIEF AIR
FO	FUEL OIL	RM	ROOM
FOV	FUEL OIL VENT	RPM	REVOLUTIONS PER MINUTE
FOR	FUEL OIL RETURN	RW	RAIN WATER
FOS	FUEL OIL SUPPLY	SF	SQUARE FOOT
FPM	FEET PER MINUTE	S/A	SUPPLY AIR
FS	FLOOR SINK	SAN	SANITARY
FT	FOOT/FEET	SF	SQUARE FOOT
FTR	FIN TUBE RADIATION	SD	SMOKE DAMPER
GAL	GALLON	SM	SURFACE MOUNT
GF	GAS-FIRED	SP	STANDPIPE
GC	GENERAL CONTRACTOR	SP	STATIC PRESSURE
GPM	GALLONS PER MINUTE	STM	STEAM
GW	GREASE WASTE	T	THERMOSTAT
HB	HOSE BIB	TD	TEMPERATURE DROP
HP	HORSE POWER	TDR	TRENCH DRAIN
HTG	HEATING	TEMP	TEMPERATURE
HTR	HEATER	TYP	TYPICAL
HW	HOT WATER	UG	UNDERGROUND
HYD	HYDRANT	VAC	VACUUM
ID	INDIRECT	V	VENT
IN	INCH	VAV	VARIABLE AIR VOLUME
INV	INVERT	VENT	VENTILATION
LB	POUND	VTR	VENT THROUGH ROOF
LB/HR	POUNDS PER HOUR	W	WASTE
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LP	LOW PRESSURE	WCO	WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT

Equipment Abbreviations

AC	AIR CONDITIONING UNIT	ET	EXPANSION TANK
ACCU	AIR COOLING CONDENSING UNIT	EWH	ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU	FAN COIL UNIT
AS	AIR SEPARATOR	FP	FIRE PUMP
B	BOILER	GI	GREASE INTERCEPTOR
CH	CHILLER	GRV	GRAVITY ROOF VENTILATOR
CT	COOLING TOWER	HWP	HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	PRV	POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RE	RETURN/EXHAUST FAN
DC	DUCT MOUNTED COIL	RTU	ROOFTOP UNIT
DCP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP
EF	EXHAUST FAN	UH	UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER

* NOTE *
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

HVAC Symbols

- 24"/12" — Sq. Duct Size (Width/Height)
- 24"x12"FO — Oval Duct Size (Width x Height)
- 18"Ø — Round Duct Size (Diameter)
- (E) — Existing Duct To Remain
- Duct To Be Demolished
- S/A — Supply Air
- V/A — Ventilation Air
- O/A — Outdoor Air
- R/A — Return Air
- T/A — Transfer Air
- E/A — General Exhaust Air
- KED — Kitchen Exhaust Duct
- FLUE — Flue Gas Vent
- C/A — Combustion Air
- Rect. Supply Duct Rise / Drop
- Round Supply Duct Rise / Drop
- Rect. Return Duct Rise / Drop
- Round Return Duct Rise / Drop
- Rect. Exhaust Duct Rise / Drop
- Round Exhaust Duct Rise / Drop

Grille, Register, Diffusers

Square Ceiling Diffuser — SD-A | 500 | 10"Ø/24x24 — Type (See Schedule), Airflow, Neck Size / Module Size

Round Ceiling Diffuser — CD11 | 100 | FCO | TYP. X 4 — Type (See Schedule), Airflow, Neck Size, Type Count for Space

Sidewall Supply Grille — SG5 | 300 | 18"/6" | AFF:0" — Type (See Schedule), Airflow, Nominal Duct Size, Mounting Elevation (Centerline)

LINEAR DIFFUSER — SD-C | 200 | 8"Ø/2s/4'-0"L — Type (See Schedule), Airflow, Neck Size/ Slot(s)/ Active Length

Sidewall Return Grille — RG-C | 200 | 12"/6" | AFF:0" — Type (See Schedule), Airflow, Nominal Duct Size, Mounting Elevation (Centerline)

Ceiling Return — RG-A | 200 | 8'0Ø/24x24 — Type (See Schedule), Airflow, Neck Size / Module Size

Mechanical Equipment

- RTU-1 — Unit Identity
- (E)AHU-2 — Existing to Remain Equipment
- (R)AHU-3 — Existing Relocated Equipment
- Equipment By Others (Refer To Other Disciplines)

Mechanical Control Devices

- (H) Humidistat
- (TS) Temperature Sensor
- (HS) Humidity Sensor
- CO2 Carbon Dioxide Detector
- HZG Hazardous Gas Detector

Damper Types

- (B) Manual Damper
- (M) Motorized Damper
- (BD) Backdraft Damper
- (SD) Smoke Damper
- Fire Damper
- (CFSD) Comb. Fire/ Smoke Damper

HVAC SHEET INDEX

M0.1	HVAC TITLE SHEET
M1.1	HVAC PLANS
M6.1	HVAC SCHEDULES
ME1.1	DEMOLITION PLANS

GENERAL HVAC NOTES

A. CONTRACTOR SHALL LOCATE THERMOSTATS AND HUMIDISTATS AT 4'-0" AFF UNLESS NOTED OTHERWISE. MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 8" FROM LIGHT SWITCHES.
B. CONTRACTOR SHALL FIELD VERIFY THERMOSTAT LOCATIONS WITH OWNER PRIOR TO ROUGH-IN.
C. CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPING SHALL BE TYPE "L" COPPER. WHERE INSTALLED ABOVE CEILINGS, CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH MINIMUM 1/2" FIBERGLASS PIPE INSULATION WITH ALL SERVICE JACKET.
D. ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.
E. COORDINATE THE EXACT LOCATION OF ALL CEILING DIFFUSERS, REGISTERS, AND GRILLES WITH LIGHTING.
F. PROVIDE DIFFUSERS AND REGISTERS WITH 4-WAY BLOW PATTERN UNLESS OTHERWISE NOTED.
G. HVAC EQUIPMENT SHALL NOT BE UTILIZED UNTIL ALL DUCT PRODUCING CONSTRUCTION ACTIVITY HAS BEEN COMPLETED. CONTRACTOR SHALL BE REQUIRED TO OBTAIN APPROVAL FROM OWNER PRIOR TO EQUIPMENT STARTUP, AND TO REPLACE FILTERS ON HVAC EQUIPMENT UPON FINAL COMPLETION.
H. LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWINGS ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD.
I. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.
J. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
K. ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOFS WITHOUT A 42" HIGH PARAPET OR GUARD RAIL. WHERE PROVIDING 10'-0" SEPARATION FROM ROOF EDGE IS NOT POSSIBLE, PROVIDE PERMANENT FALL ARREST ANCHORS COMPLIANT WITH ANSI/ASSP Z359.1. COORDINATE WITH GENERAL CONTRACTOR.
L. LOCATE DUCTWORK, PIPING AND MECHANICAL EQUIPMENT OUTSIDE OF THE NEC REQUIRED CLEAR SPACE ABOVE AND AROUND ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL CONTRACTOR.
M. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE U.L. LISTED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RATED ASSEMBLIES.
N. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
O. MAINTAIN CLEAR ACCESS TO SERVICE EQUIPMENT AND OTHER ACCESSORIES REQUIRING SERVICE, VISUAL INSPECTION OR HAND OPERATION. WHERE INDICATED OR REQUIRED, PROVIDE ACCESS PANELS OF THE TYPE SELECTED TO SUIT MATERIALS IN WHICH INSTALLED.
P. TRANSITION FROM PIPING AND DUCTWORK SIZES SHOWN TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.
Q. PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
R. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
S. INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
T. PRIOR TO STARTING WORK, SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL EQUIPMENT AND MATERIALS. SUBSTITUTE EQUIPMENT INSTALLED WITHOUT PRIOR APPROVAL SHALL BE SUBJECT TO REPLACEMENT AT CONTRACTOR'S EXPENSE.
U. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND SHALL ARRANGE FOR ALL INSPECTIONS AS REQUIRED.
V. PROVIDE ONE YEAR WARRANTY FOR ALL WORKMANSHIP AND MATERIALS AFTER THE DATE OF FINAL ACCEPTANCE.

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CENTRAL KANSAS MENTAL HEALTH CENTER
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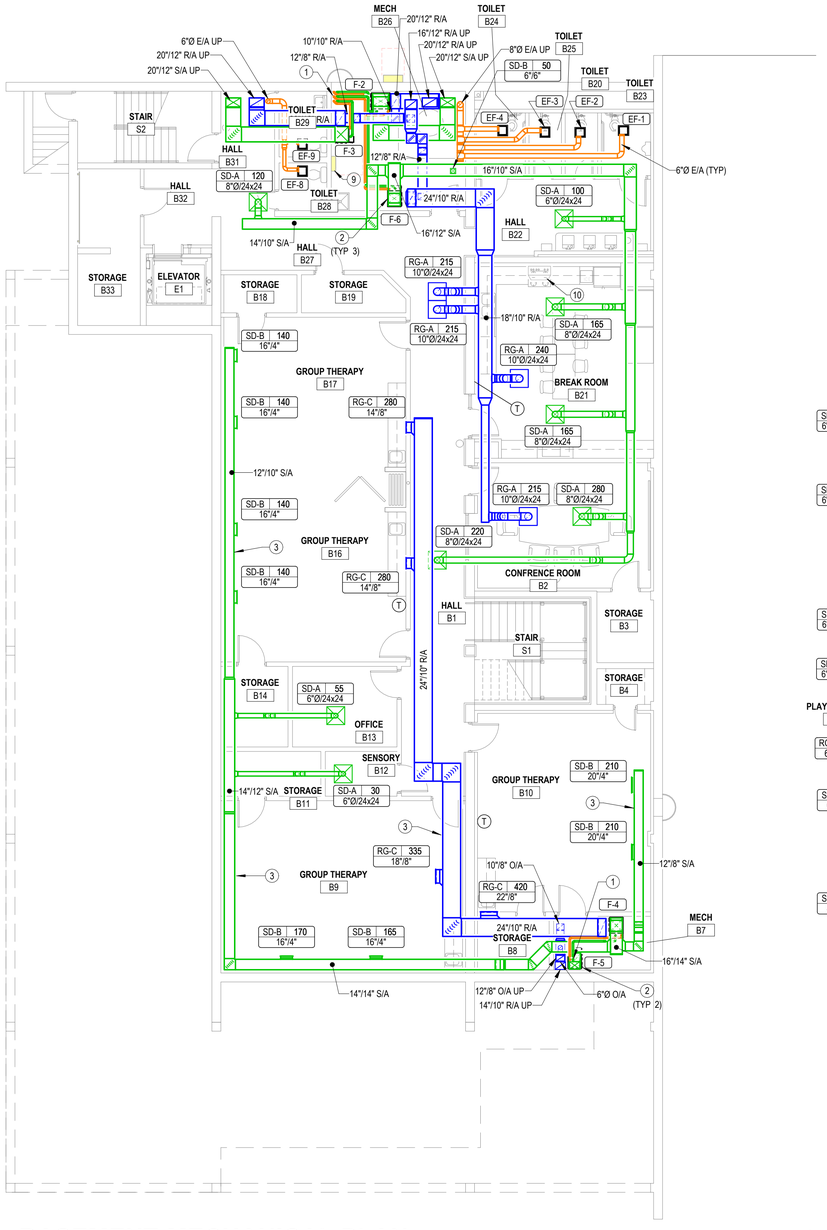
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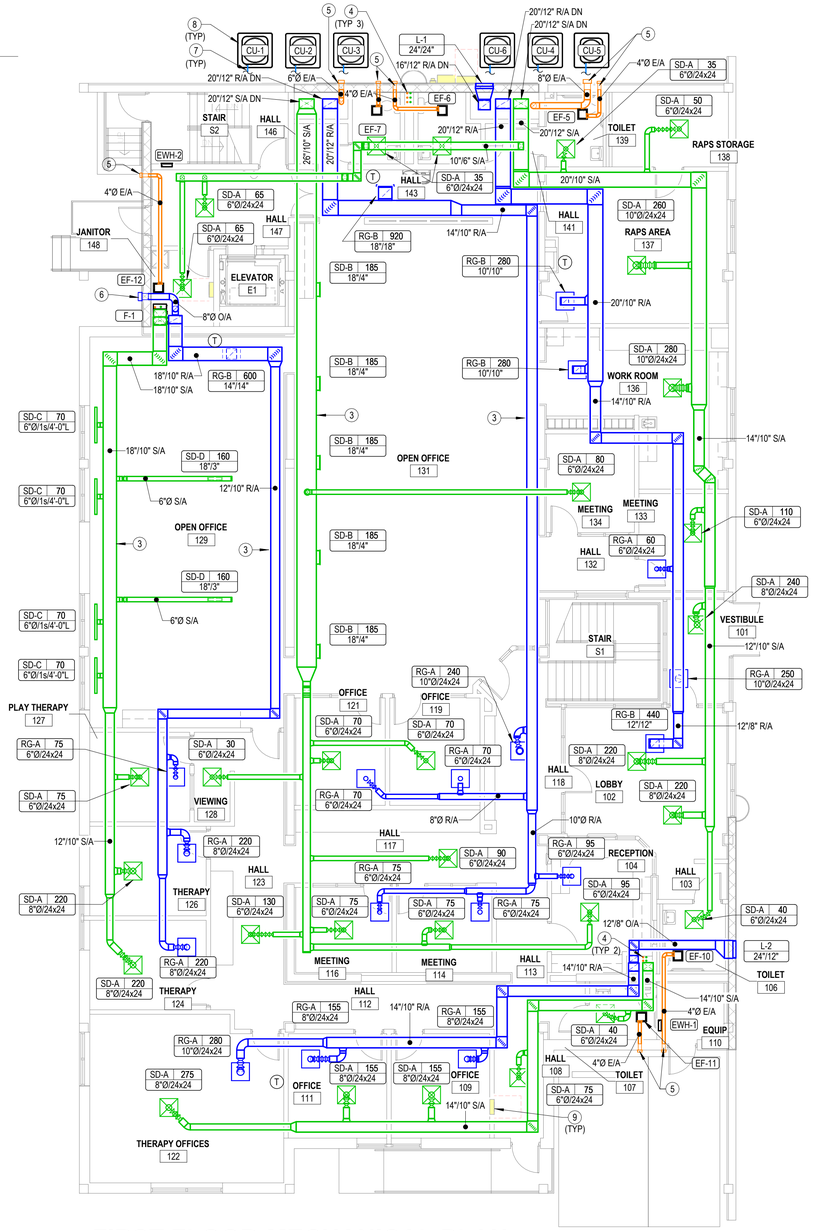
Project 25018 **08/18/2025**

NOTES BY SYMBOL

1. ROUTE PVC INTAKE AND VENT PIPING FROM EACH FURNACE UP IN CHASE THROUGH 1ST FLOOR TO ROOF.
2. ROUTE CONDENSATE PIPING FROM FURNACE AND BLOWER COIL TO NEAREST FLOOR DRAIN.
3. ROUTE DUCTWORK THROUGH SOFFIT. COORDIANTE EXACT ROUTING WITH ARCHITECT.
4. ROUTE PVC INTAKE AND VENT PIPING UP THROUGH ROOF TO MANUFACTURER'S CONCENTRIC VENT ROOF TERMINATION. COORDINATE REQUIREMENTS WITH G.C.
5. ROUTE EXHAUST DUCT TO WALL CAP. MAINTAIN 10'-0" MIN. FROM O.A. INTAKES. COORDINATE FINISH COLOR WITH ARCHITECT.
6. ROUTE O.A. INTAKE TO WALL CAP. COORDINATE FINISH COLOR WITH ARCHITECT.
7. ROUTE REFRIGERANT PIPING FROM CONDENSING UNIT TO MATCHING EVAPORATOR COIL. PENETRATE EXTERIOR WALL 18"A.F.G. AND PROVIDE AIREX TITAN OUTLET PENETRATION SEAL.
8. MOUNT CONDENSING UNIT ON 3-1/2" THICK LEVEL CONCRETE PAD.
9. NO NOT ROUTE DUCTWORK ABOVE ELECTRICAL PANELS. COORDINATE EXACT ROUTING WITH OTHER TRADES.
10. PROVIDE RANGE HOOD EQUAL TO GREENHECK MODEL GRSS, STAINLESS STEEL CONSTRUCTION, FIRE SUPPRESSION SYSTEM FACTORY INSTALLED UTILIZING LOW PH AMEREX 660 WET CHEMICAL EXTINGUISHING AGENT, RECIRCULATING FAN WITH CHARCOAL FILTER, ETL LISTED, TESTED TO UL300A STANDARDS. UNIT SHALL INCLUDE ELECTRIC RANGE ELECTRIC DISCONNECT FOR AUTOMATIC SHUT-OFF OF ELECTRIC APPLIANCES AND SHALL BE ACTIVATED AT SUPPRESSION SYSTEM DISCHARGE. UNIT SHALL AUTOMATICALLY DISCONNECT RANGE ELEMENT ONCE PRE-SET TEMPERATURE IS REACHED. UNIT SHALL HAVE MULTIPLE ALARM CONTACTS (LOCAL, REMOTE, AND TROUBLE ALARMS) PRE INSTALLED AND AN AUDIBLE BUZZER. COORDINATE CONNECTION TO BUILDING FIRE ALARM SYSTEM WITH FIRE ALARM CONTRACTOR. PROVIDE WITH MANUAL PULL STATION KIT AND INTEGRAL LED LIGHTING. PROVIDE WITH REMOTE LCD TOUCH SCREEN USER INTERFACE FOR ADA COMPLIANCE. HOOD SHALL BE ICC ES PMG LISTED AND INSTALLED IN ACCORDANCE WITH CONDITIONS OF LISTING. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH OWNER AND EXISTING EQUIPMENT.



1 BASEMENT-MECHANICAL PLAN
1/8" = 1'-0"



2 FIRST FLOOR-MECHANICAL PLAN
1/8" = 1'-0"

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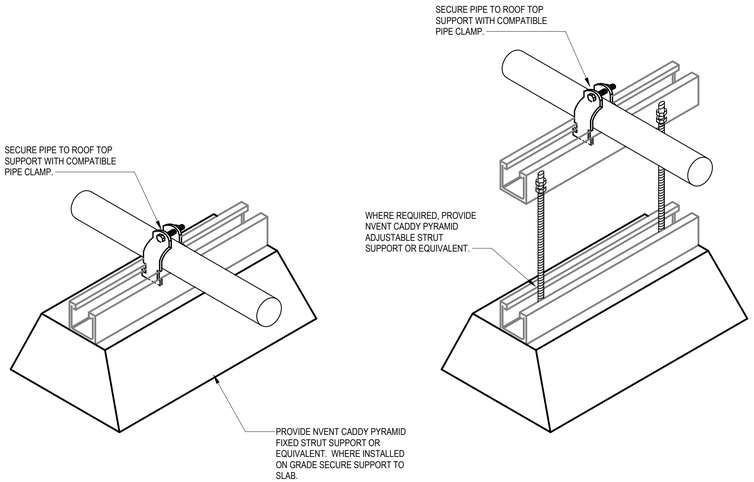
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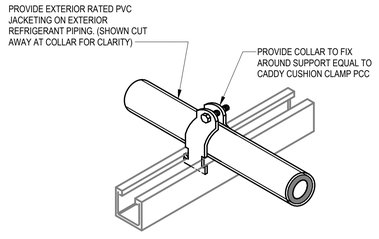
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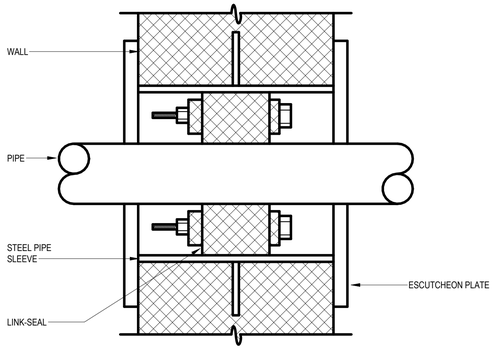
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1 EXTERIOR PIPING SUPPORT DETAIL
NO SCALE

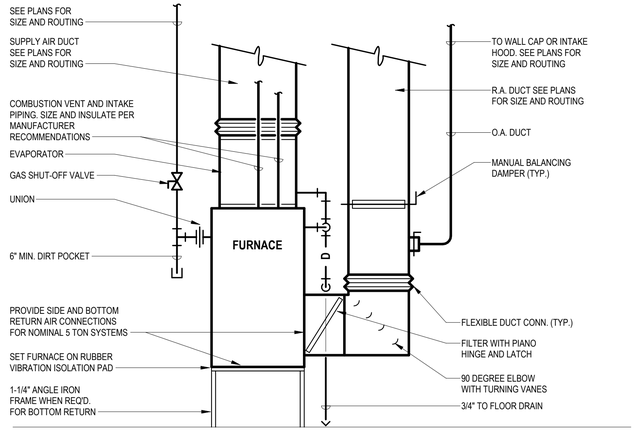


2 EXTERIOR REFRIGRANT PIPING INSULATION DETAIL
NO SCALE



LINK-SEAL FOR COPPER PIPE		
PIPE SIZES	SLEEVE OPENING SIZE	SIZE
1/2"-1" & 1-1/2" - 2-1/2"	1" LARGER THAN PIPE O.D.	LS-275-C
1-1/4" & 3"	1" LARGER THAN PIPE O.D.	LS-315-C
4"	1-1/2" LARGER THAN PIPE O.D.	LS-340-C
LINK-SEAL FOR CAST IRON-GLASS "A"		
PIPE SIZES	SLEEVE OPENING SIZE	SIZE
2"	1-1/2" LARGER THAN PIPE O.D.	LS-315-C
3"	1-1/2" LARGER THAN PIPE O.D.	LS-360-C
4"-6"	3" LARGER THAN PIPE O.D.	LS-315-C
LINK-SEAL FOR STEEL AND PLASTIC PIPE		
PIPE SIZES	SLEEVE OPENING SIZE	SIZE
1/2" - 1-1/2"	1" LARGER THAN PIPE O.D.	LS-275-C
2"	1-1/2" LARGER THAN PIPE O.D.	LS-200-C
3"	1-1/2" LARGER THAN PIPE O.D.	LS-360-C
4"-8"	2" LARGER THAN PIPE O.D.	LS-315-C

3 TYPICAL EXTERIOR WALL PIPE PENETRATION DETAIL
NO SCALE



4 UPFLOW FURNANCE DETAIL
NO SCALE

CONDENSING UNIT SCHEDULE

NOTES: 1. PROVIDE WITH HAIL GAURDS
2. PROVIDE WITH R-454B REFRIGERANT.

MARK	MANUFACTURER	MODEL	NOMINAL CAPACITY	VOLTAGE/PHASE	MCA	MOCP
CU-1	TRANE	5TTR4042A1000	3.5 ton	208 V / 1	23 A	40 A
CU-2	TRANE	5TTR4048A1000	4.0 ton	208 V / 1	25 A	35 A
CU-3	TRANE	5TTR4060A1000	5.0 ton	208 V / 1	30 A	50 A
CU-4	TRANE	5TTR4048A1000	4.0 ton	208 V / 1	25 A	35 A
CU-5	TRANE	5TTR4024A1000	2.0 ton	208 V / 1	14 A	25 A
CU-6	TRANE	5TTR4036A1	3.0 ton	208 V / 1	18 A	30 A

FURNACE SCHEDULE

NOTES: 1. PROVIDE REFRIGERANT PIPING SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR ACTUAL FIELD INSTALLED LENGTH AND ROUTING.
2. PROVIDE PVC INTAKE AND EXHAUST PIPING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE WITH MANUFACTURER'S CONCENTRIC VENT TERMINATION.
3. PROVIDE WITH 7-DAY PROGRAMMABLE THERMOSTAT.
4. PROVIDED WITH CASED A COIL EVAPORATOR COIL.

MARK	MANUFACTURER	MODEL	O.A.	AIRFLOW	ESP	COOLING		HEATING		MOTOR HP	VOLTAGE	MOCP
						SENSIBLE	TOTAL	INPUT	OUTPUT			
F-1	TRANE	S9X1B060U4PSBA	230 CFM	1,100 CFM	0.75 in-wg	27,063 Btu/h	39,004 Btu/h	60,000 Btu/h	58,200 Btu/h	0.75 hp	120 V	15 A
F-2	TRANE	S9X1C080U5PSBA	200 CFM	1,270 CFM	0.75 in-wg	39,675 Btu/h	48,492 Btu/h	80,000 Btu/h	77,600 Btu/h	1.00 hp	120 V	15 A
F-3	TRANE	S9X1C080U5PSBA	410 CFM	1,575 CFM	0.75 in-wg	40,238 Btu/h	54,931 Btu/h	80,000 Btu/h	77,600 Btu/h	1.00 hp	120 V	15 A
F-4	TRANE	S9X1C080U5PSBA	320 CFM	1,300 CFM	0.75 in-wg	31,595 Btu/h	40,726 Btu/h	80,000 Btu/h	78,400 Btu/h	0.75 hp	120 V	15 A
F-5	TRANE	S9X1B040U3PSBA	100 CFM	725 CFM	0.75 in-wg	17,205 Btu/h	23,912 Btu/h	40,000 Btu/h	38,800 Btu/h	0.50 hp	120 V	15 A
F-6	TRANE	S9X1C080U5PSBA	400 CFM	1,100 CFM	0.75 in-wg	31,595 Btu/h	40,726 Btu/h	80,000 Btu/h	78,400 Btu/h	0.75 hp	120 V	15 A

GRILLES, REGISTERS & DIFFUSERS SCHEDULE

NOTES: 1. PROVIDE MOUNTING FRAME AS REQUIRED FOR CEILING TYPE.
2. MAXIMUM NC SHALL BE 30
3. RUNOUTS TO DIFFUSERS SHALL BE SAME SIZE AS NECK, U.N.O.
4. CEILING DEVICES SHALL HAVE ADJUSTABLE BLOW PATTERN, 4-WAY U.N.O.
5. COORDINATE LOCATIONS OF ALL WALL DEVICES WITH ARCHITECT.

MARK	MANUFACTURER	MODEL	APPLICATION	MATERIAL	FINISH	BORDER APPLICATION	DAMPER	DESCRIPTION
RG-A	TITUS	PAR	RETURN AIR	STEEL	WHITE ENAMEL	LAY-IN FULL FACE	No	PERFORATED CEILING RETURN
RG-B	TITUS	PAR	RETURN AIR	STEEL	WHITE ENAMEL	LAY-IN PANEL FRAME	No	PERFORATED CEILING RETURN
RG-C	TITUS	350RL	RETURN AIR	STEEL	WHITE ENAMEL	SURFACE MOUNT	No	SINGLE DEFLECTION RETURN GRILLE
SD-A	Titus	TMS	SUPPLY AIR	Steel	White Enamel	LAY-IN FULL FACE	No	Ceiling Diffuser
SD-B	TITUS	300R	SUPPLY AIR	STEEL	WHITE ENAMEL	SURFACE MOUNT	Yes	DOUBLE DEFLECTION RETURN GRILLE
SD-C	TITUS	ML-39	SUPPLY AIR	ALUMINUM	WHITE ENAMEL	LAY-IN	No	LINEAR DIFFUSER
SD-D	TITUS	S300FL	SUPPLY AIR	ALUMINUM	MILL	DUCT MOUNT FRAME	No	SPIRAL DUCT MOUNTED SUPPLY GRILLE

LOUVER SCHEDULE

NOTES: COORDINATE FRAME TYPE AND MOUTING REQUIREMENTS WITH ARCH. AND G.C.

MARK	MANUFACTURER	MODEL	DESCRIPTION	FINISH	APPLICATION	DEPTH	WIDTH	HEIGTH	FREE AREA
L-1	GREENHECK	ESD-435	EXTRUDED ALUMINUM DRAINABLE BLADE LOUVER	KYNAR	INTAKE	4"	2'-0"	2'-0"	0.68 SF
L-2	GREENHECK	ESD-435	EXTRUDED ALUMINUM DRAINABLE BLADE LOUVER	KYNAR	INTAKE	4"	2'-0"	1'-0"	1.81 SF

ELECTRIC CABINET HEATER SCHEDULE

Notes:
1. Provide with high temp. thermal cutout and fan delay.
2. Provide with integral thermostat and unit mounted disconnect switch.
3. Provide with surface mount or recessed frame as required. Field coordinate exact requirements with exisitng...

Mark	Manufacturer	Model	Watts	Voltage	Phase	Description	Notes
EWH-1	Trane	UHAA	1.5 kW	120 V	1	Electric wall heater	1,2,3
EWH-2	Trane	UHAA	1.5 kW	120 V	1	Electric wall heater	1,2,3

Exhaust Fan Schedule

Notes:
1. Provide with factory mounted and wired disconnect switch.
2. Provide with EC motor with airflow selector.
3. Provide with integral backdraft damper.

Mark	Manufacturer	Model	CFM	ESP	Power	Electrical		Notes
						Voltage	Phase	
EF-1	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-2	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-3	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-4	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-5	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-6	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-7	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-8	Greenheck	SP-AP0511W-1	50 CFM	0.25 in-wg	16 W	120 V	1	1,2,3
EF-9	Greenheck	SP-AP0511W-1	50 CFM	0.25 in-wg	16 W	120 V	1	1,2,3
EF-10	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-11	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3
EF-12	Greenheck	SP-AP0511W-1	80 CFM	0.25 in-wg	17 W	120 V	1	1,2,3

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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

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General Plan Symbols

- Plan Revision Number
- Detail Number on Sheet / Sheet Number Where Detail is Placed
- Keynote Symbol
- Continuation Symbol
- Point Where New Connects To Existing
- Room Name / Number
- Area Being Demolished
- Area Not In Contract
- Electrical Equipment. Do not route HVAC installation above or below equipment. Maintain working clearance as indicated by dashed line.

Abbreviations

Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MU/A	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLG	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CW	COLD WATER	O	OXYGEN
D	DEGREE	O/A	OUTSIDE AIR
DB	DRY BULB	ORD	OVERFLOW ROOF DRAIN
DIA	DIAMETER	PD	PRESSURE DROP
DN	DOWN	PIV	POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG	PLUMBING
EA	EACH	PRESS	PRESSURE
EAT	ENTERING AIR TEMPERATURE	PRV	PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI	POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG	POUNDS PER SQUARE INCH GAUGE
EWC	ELECTRIC WATER COOLER	PWR	POWER
EWT	ENTERING WATER TEMPERATURE	R	DUCT RISER
E/A	EXHAUST AIR	R/A	RETURN AIR
EXIST	EXISTING	RCP	RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	RD	ROOF DRAIN
FCO	FLOOR CLEAN OUT	REC	RECESSED
FD	FLOOR DRAIN	RED	REDUCER
FDC	FIRE DEPARTMENT CONNECTION	RH	RELATIVE HUMIDITY
FL	FLOOR	RL/A	RELIEF AIR
FO	FUEL OIL	RM	ROOM
FOV	FUEL OIL VENT	RPM	REVOLUTIONS PER MINUTE
FOR	FUEL OIL RETURN	RW	RAIN WATER
FOS	FUEL OIL SUPPLY	SF	SQUARE FOOT
FPM	FEET PER MINUTE	S/A	SUPPLY AIR
FS	FLOOR SINK	SAN	SANITARY
FT	FOOT/FEET	SF	SQUARE FOOT
FTR	FIN TUBE RADIATION	SD	SMOKE DAMPER
GAL	GALLON	SM	SURFACE MOUNT
GF	GAS-FIRED	SP	STANDPIPE
GC	GENERAL CONTRACTOR	SP	STATIC PRESSURE
GPM	GALLONS PER MINUTE	STM	STEAM
GW	GREASE WASTE	T	THERMOSTAT
HB	HOSE BIB	TD	TEMPERATURE DROP
HP	HORSE POWER	TDR	TRENCH DRAIN
HTG	HEATING	TEMP	TEMPERATURE
HTR	HEATER	TYP	TYPICAL
HW	HOT WATER	UG	UNDERGROUND
HYD	HYDRANT	VAC	VACUUM
ID	INDIRECT	V	VENT
IN	INCH	VAV	VARIABLE AIR VOLUME
INV	INVERT	VENT	VENTILATION
LB	POUND	VTR	VENT THROUGH ROOF
LB/HR	POUNDS PER HOUR	W	WASTE
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LP	LOW PRESSURE	WCO	WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT

Equipment Abbreviations

AC	AIR CONDITIONING UNIT	ET	EXPANSION TANK
ACCU	AIR COOLING CONDENSING UNIT	EWH	ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU	FAN COIL UNIT
AS	AIR SEPARATOR	FP	FIRE PUMP
B	BOILER	GI	GREASE INTERCEPTOR
CH	CHILLER	GRV	GRAVITY ROOF VENTILATOR
CT	COOLING TOWER	HWP	HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	PRV	POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RE	RETURN/EXHAUST FAN
DC	DUCT MOUNTED COIL	RTU	ROOFTOP UNIT
DCP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP
EF	EXHAUST FAN	UH	UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER

* NOTE *
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET.THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

Plumbing Symbols

- 2" — Nominal Pipe Size
- Above Ground Piping
- Below Ground Piping
- 1/8" / 12" SLOPE — Pipe Slope (When Applicable)
- (E) — Existing Pipe To Remain
- Pipe To Be Demolished
- CW — Domestic Cold-Water
- NPW — Non-Potable Water
- S-CW — Soft Cold-Water
- F-CW — Filtered Cold-Water
- RO — Reverse Osmosis Water
- HW — Domestic Hot-Water
- HW 140° — Domestic Hot-Water 140°
- HW-R — Hot-Water Recirculation
- HW-R 140° — Hot-Water Recirculation 140°
- SS — Sanitary Drain
- V — Sanitary Vent
- WV — Sanitary Wet Vent
- CWV — Combination DWV
- CD — Condensate Drain
- ID — Indirect Drain
- GW — Grease Waste
- GV — Grease Vent
- PD — Pump Discharge
- SD — Storm Drain
- OSD — Storm Overflow
- CA — Compressed Air
- G — Natural Gas
- LP — Liquid Propane
- Pipe Rise / Drop

Pipe Accessory Notes

- 4" FCO — Cleanout
- 2" CHECK — Check Valve
- 2" BALANCE — Balancing Valve
- 2" CIRC — Circuit Setter
- 2" GATE — Gate Valve
- 2" S/O — Ball Valve
- 2" STRAIN — Fluid Strainer
- 1" GAS-CNTRL — Emergency Gas Shutoff
- 1" PLUG — Plug Valve
- 1" GAS COCK — Gas Shutoff Cock
- 1" REG — Gas Regulator
- 1" T/V — Thermostatic Valve
- TMV-XT/P — Mixing Valve
- TMVEM — Emergency Mixer
- 2" PRV — Pressure Reducing Valve
- 2" METER — Water Meter
- Double Check Valve
- Reduced Pressure Zone

Plumbing Fixture Notes

- Floor Drain — Design Size
- 2" FD — Identity Type
- 2 DFU — Drainage Fixture Units
- 2" FD — Floor Drain w/ Deep Seal Trap
- 2" FDP — Floor Drain w/ Trap Primer "P" Indicates Primer Connection
- 2" FD — Floor Drain w/ Integral Cleanout
- 6" AD-1 — Area Drain (No Trap)
- 6" DD-1 — Deck Drain
- 6" HD-1 — Hub Drain (Funnel Type)
- 3" FS — Floor Sink
- 4" SD-12 — Roof Drain
- 6" SD-1 / 2000 SF — Combination Drain / Rainfall Surface Area

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Project 25018 **08/18/2025**

Plumbing Sheet Index

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P1.1	WASTE AND VENT PLANS
P1.2	DOMESTIC WATER PLANS
P6.1	PLUMBING SCHEDULES
P9.1	PLUMBING RISERS

GENERAL PLUMBING NOTES

A. FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
B. PITCH UNDERFLOOR SANITARY WASTE PIPING OVER 2" AT 1/8" PER FOOT, 2" AND SMALLER AT 1/4" PER FOOT.
C. FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
D. ROUTE DOMESTIC WATER, AND SANITARY SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
E. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.
F. LOCATIONS OF PIPING AND EQUIPMENT AS INDICATED ON THE DRAWINGS ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD.
G. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL (OR UNIFORM, DEPENDING ON JURISDICTION) PLUMBING CODE AND INTERNATIONAL MECHANICAL CODE.
H. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
I. LOCATE PIPING AND EQUIPMENT OUTSIDE OF THE NEC REQUIRED CLEAR SPACE ABOVE AND AROUND ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL CONTRACTOR.
J. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE U.L. LISTED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RATED ASSEMBLIES.
K. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
L. MAINTAIN CLEAR ACCESS TO SERVICE EQUIPMENT AND OTHER ACCESSORIES REQUIRING SERVICE, VISUAL INSPECTION OR HAND OPERATION. WHERE INDICATED OR REQUIRED, PROVIDE ACCESS PANELS OF THE TYPE SELECTED TO SUIT MATERIALS IN WHICH INSTALLED.
M. TRANSITION FROM PIPING SIZES SHOWN TO PROPERLY CONNECT TO EQUIPMENT.
N. PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
O. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
P. INSTALL EXPOSED PIPING AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
Q. PRIOR TO STARTING WORK, SUBMIT SHOP DRAWINGS FOR ALL PLUMBING EQUIPMENT AND MATERIALS. SUBSTITUTE EQUIPMENT AND MATERIALS INSTALLED WITHOUT PRIOR APPROVAL SHALL BE SUBJECT TO REPLACEMENT AT CONTRACTOR'S EXPENSE.
R. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND SHALL ARRANGE FOR ALL INSPECTIONS AS REQUIRED.
S. PROVIDE ONE YEAR WARRANTY FOR ALL WORKMANSHIP AND MATERIALS AFTER THE DATE OF FINAL ACCEPTANCE.

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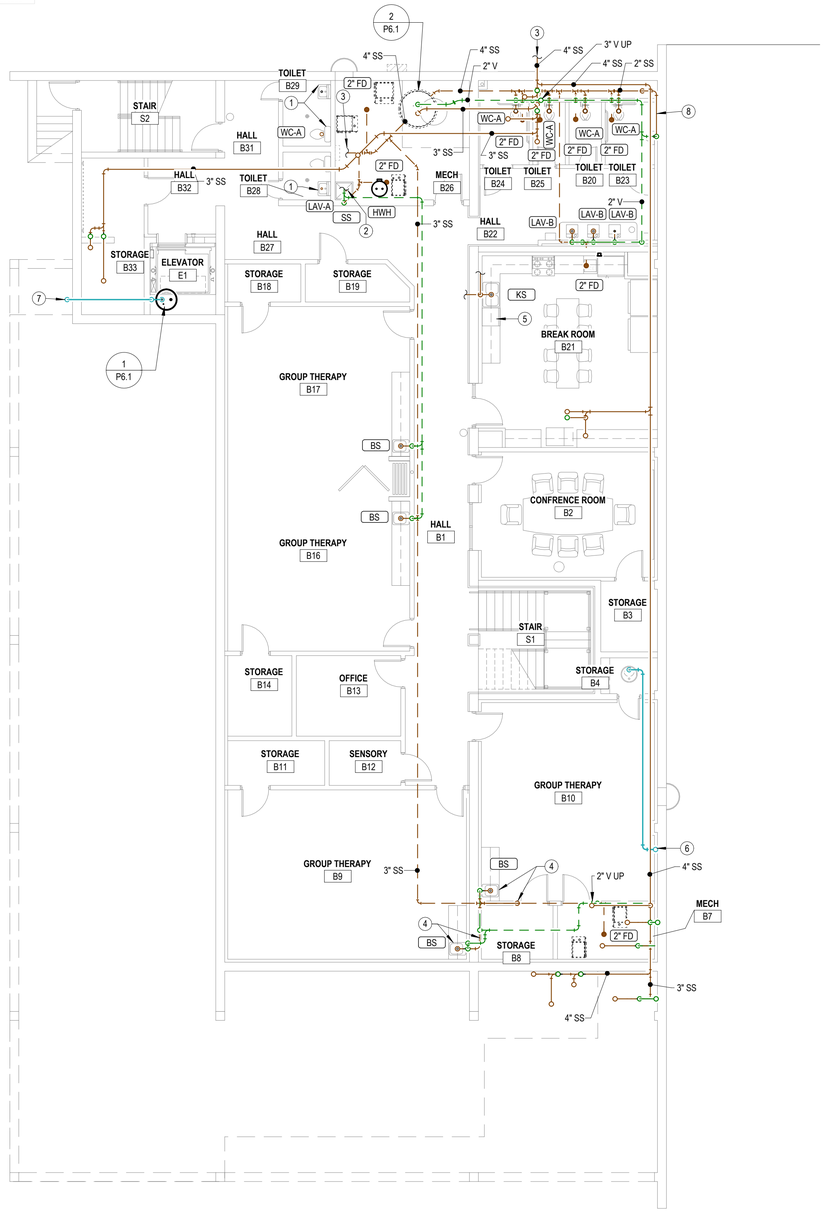
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Project 25018 **08/18/2025**

NOTES BY SYMBOL

1. CONNECT NEW FIXTURE TO EXISTING ROUGH-INS. MODIFY EXISTING INSTALLATION AS REQUIRED FOR NEW FIXTURE. FIELD VERIFY REQUIREMENTS WITH EXISTING CONDITIONS.
2. CONNECT TO NEAREST EXISTING 2" OR LARGER VENT PIPING. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING.
3. EXTEND 4" DRAIN AND CONNECT TO EXISTING PIPING SERVING EXISTING TOILET ROOMS. MODIFY EXISTING PIPING AS REQUIRED. FIELD VERIFY EXACT FLOWLINE AND LOCATION OF EXISTING REQUIREMENTS.
4. ROUTE DRAIN FROM BAR SINK ABOVE GRADE TO BEYOND EDGE OF FOOTING BELOW SINK. FIELD COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS AND ARCHITECT.
5. CONNECT DISHWASHER TO INDIRECT CONNECTION AT KITCHEN SINK GARBAGE DISPOSER. FIELD COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS.
6. ROUTE DISHCARGE FROM SUMP PUMP UP IN WALL AT FIRST FLOOR AND THROUGH EXTERIOR WALL 18" A.F.G. TERMINATE WITH ELBOW DOWN ABOVE SPLAS BLOCK. FIELD COORDINATE EXACT ROUTING AND TERMINATION LOCATION WITH ARCHITECT AND EXISTING CONDITIONS.
7. ROUTE DISCHARGE FROM ELEVATOR SUMP PUMP TO GRADE. TERMINATE WITH ELBOW DOWN. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCHITECT.
8. ROUTE DRAIN THROUGH WALL INTO CHASE TO OFFSET AROUND EXISTING FOOTING.



1 **BASEMENT-WASTE AND VENT PLAN**
1/8" = 1'-0"



2 **FIRST FLOOR-WASTE AND VENT PLAN**
1/8" = 1'-0"

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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

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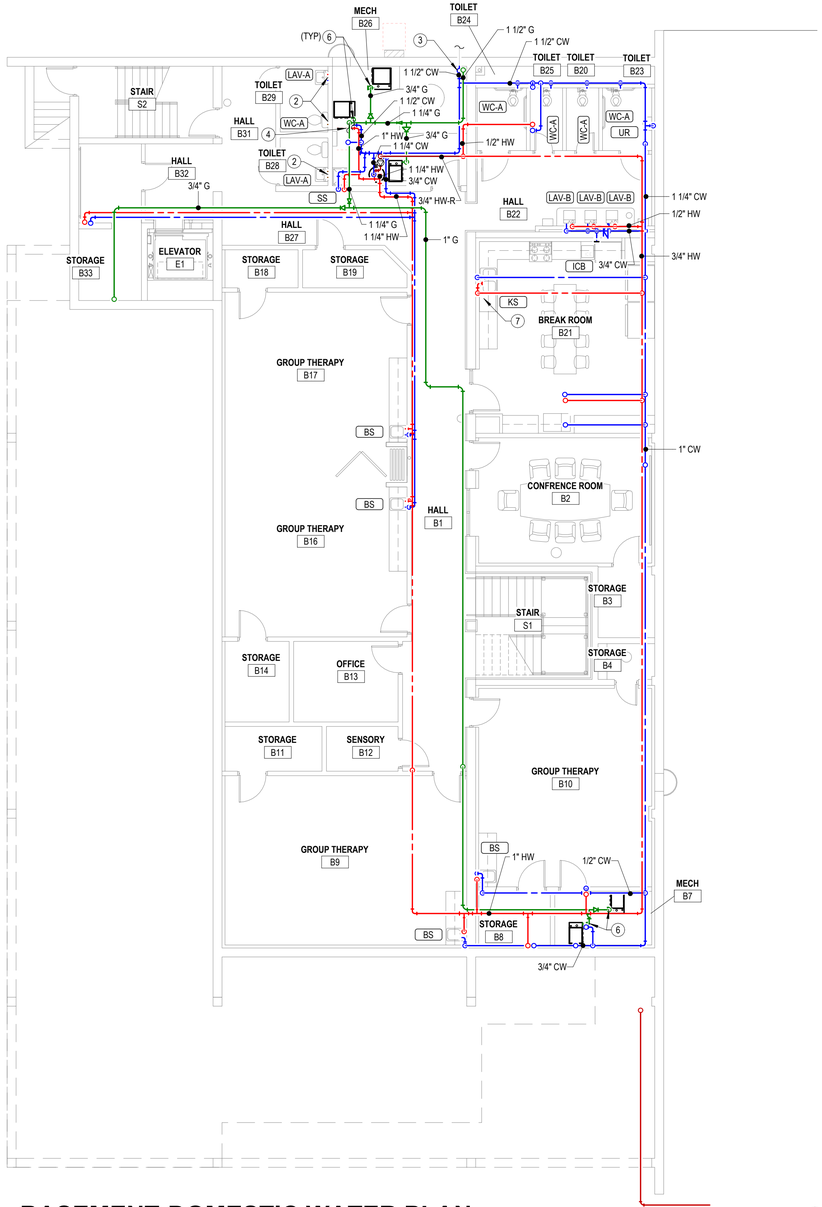
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Project 25018 **08/18/2025**

NOTES BY SYMBOL

1. EXISTING WALL HYDRANT TO REMAIN. FIELD VERIFY EXACT LOCATION OF EXISTING.
2. CONNECT NEW FIXTURE TO EXISTING ROUGH-INS. MODIFY EXISTING INSTALLATION AS REQUIRED FOR NEW FIXTURE. FIELD VERIFY REQUIREMENTS WITH EXISTING CONDITIONS.
3. CONNECT TO EXISTING 1-1/2" WATER SERVICE. PROVIDE 1-1/2" FULL PORT BALL VALVE AND PRESSURE REDUCING VALVE SET TO 80 PSI IF REQURIED, FIELD VERIFY REQUIREMENTS WITH CITY OF SALINA. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING.
4. EXTEND 1-1/2" CW AND 3/4" HW AND CONNECT TO EXISTING PIPING SERVING EXISTING TOILET ROOMS. MODIFY EXISTING PIPING AS REQUIRED. FIELD VERIFY EXACT REQUIREMENTS.
5. CONNECT TO DISCHARGE OF EXISTING GAS METER AND REGULATOR PROVIDED BY GAS UTILITY COMPANY. TOTAL CONNECTED LOAD = 420 CFH @ 7" W.C. COORDINATE EXACT REQUIREMENTS WITH KANSAS GAS COMPANY AND PAY ANY ASSOCIATED FEES.
6. CONNECT 3/4" GAS TO FURNACE. PROVIDE GAS COCK, UNION, AND DIRT LEG.
7. PROVIDE 1/2" HW BRANCH BELOW SINK AND CONNECT DISHWASHER. COORDIANTE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS.
8. FIRE SPRINKLER SERVICE ENTRANCE. PROVIDE BUILDING WITH NFPA 13 FIRE SPRINKLER SYSTEM.



1 **BASEMENT-DOMESTIC WATER PLAN**
1/8" = 1'-0"



2 **FIRST FLOOR-DOMESTIC WATER PLAN**
1/8" = 1'-0"

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DOMESTIC WATER EQUIPMENT SCHEDULE

GENERAL: • PROVIDE FIXTURES WITH ALL TRIM NECESSARY FOR COMPLETE INSTALLATION.

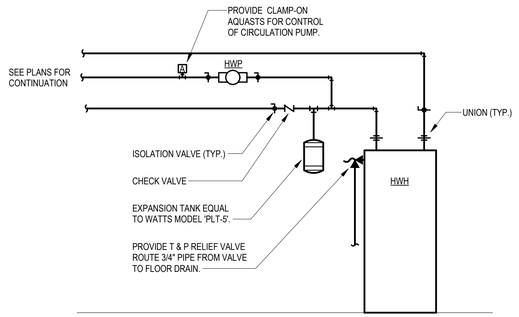
MARK	MANUFACTURER	MODEL	DESCRIPTION
HWH	AO SMITH	DEN-40	40 GALLON ELECTRIC WATER HEATER, 4500 WATTS, 208V HEATING ELEMENT, 20 GPH RECOVERY @ 90°F TEMP RISE. SUPPLIED WITH TEMPERATURE AND PRESSURE RELIEF VALVE AND BRASS DRAIN VALVE. WATER HEATER SHALL HAVE TEMPERATURE CONTROLS SET TO LIMIT SUPPLY TEMPERATURE TO 120°F OR LESS.
HWP	BELL & GOSSETT	NBF-33	CIRCULATION PUMP, BRONZE BODY, 10 GPM @ 10' HEAD, 120 VAC. PROVIDE CLAMP-ON AQUASTAT FOR PUMP CONTROL.

PLUMBING FIXTURE SCHEDULE

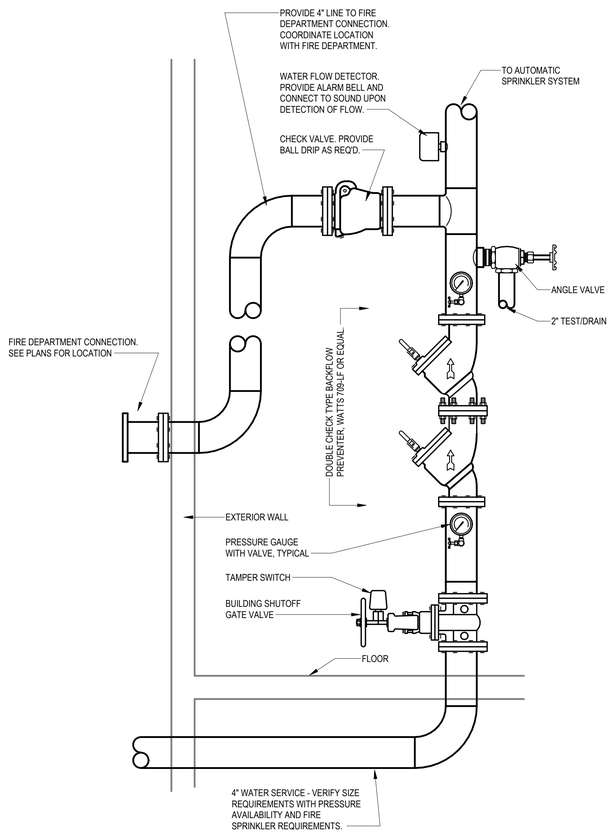
GENERAL:
• PROVIDE FIXTURES WITH ALL TRIM NECESSARY FOR COMPLETE INSTALLATION

NOTES:
1. FIXTURE AND INSTALLATION TO MEET REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT.
2. TRIM SHALL BE PROVIDED WITH POLISHED CHROME FINISH.
3. PROVIDE 1/4 TURN ANGLE STOPS WITH ESCUTCHEON PLATES, CHROME PLATED OR BRAIDED STAINLESS STEEL SUPPLIES, AND 1-1/4" CAST BRASS P-TRAP.
4. INSULATE WATER AND WASTE PIPING BELOW LAVATORY. UTILIZE INSULATION KIT EQUIVALENT TO LAVGUARD BY TRUEBRO.

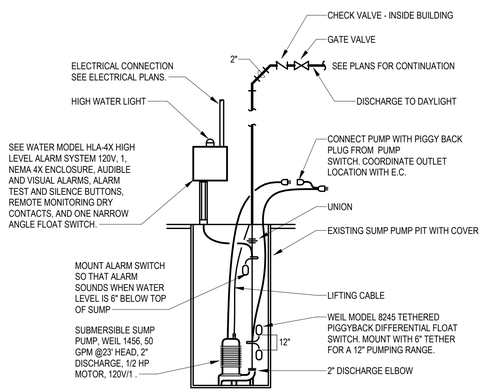
MARK	MANUFACTURER	MODEL	PRODUCT DESCRIPTION	TRIM	ROUGH-IN SIZES			COLD	HOT	ADA COMPLIANT	NOTES
					DRAIN	VENT	WATER				
BS	N/A	N/A	FAUCET ONLY FOR INTEGRAL BOWL IN COUNTERTOP. COORDINATE FAUCET HOLES REQUIREMENTS WITH G.C.	DELTA MODEL 27C4944 TWO HANDLE BAR SINK FAUCET, 6" GOOSENECK SPOUT, 1.5 GPM AERATOR, 4" BLADE HANDLES, CHROME FINISH. PROVIDE BASKET STRAINER.	2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2
EWC	MURDOCK	A172108F-UG-BF12	DUAL LEVEL SELF-CONTAINED WATER COOLER WITH STAINLESS STEEL BASIN, FRONT PUSH BUTTON ACTUATORS, SENSOR OPERATED BOTTLER FILLER, LEAD-FREE COOLING SYSTEM, 120 VOLTS.		2"	1 1/2"	1/2"	Yes	No	Yes	1,2
FD	WATTS	FD-100-A	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY AND SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER.	TRAP PROTECTION DEVICE EQUIVALENT TO PROSET TRAPGUARD	2"	2"					
FS	WATTS	FS-740	12" SQUARE, 8" DEEP FLOOR SINK WITH WHITE PORCELAIN ENAMEL COATED INTERIOR, LOOSE SET PORCELAIN ENAMEL COATED CAST IRON GRATE, ALUMINUM DOME BOTTOM STRAINER.	TRAP PROTECTION DEVICE EQUIVALENT TO PROSET TRAP GUARD	3"	2"					
ICB	SIOUX CHIEF	696-G1010	ICE MAKER CONNECTION BOX WITH 1/4 TURN BALL VALVE AND INTEGRAL HAMMER ARRESTOR.		0"	0"	1/2"	Yes	No		
KS	N/A	N/A	FAUCET ONLY FOR INTEGRAL BOWL IN COUNTERTOP. COORDINATE FAUCET HOLES REQUIREMENTS WITH G.C.	DELTA MODEL 400-HDF SINGLE HANDLE KITCHEN SINK FAUCET WITH HOSE SPRAY ATTACHMENT. CHROME FINISH. PROVIDE BASKET STRAINER. INSINKERATOR MODELBADGER 5 1/2 HP GABAGE DISPOSAL.	2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2
LAV-A	AMERICAN STANDARD	0355.012	WALL HUNG LAVATORY, WHITE VITROUS CHINA, 21-1/4"W X 18-1/4", FRONT OVERFLOW, FAUCET HOLES ON 4" CENTERS.	DELTA MODEL 22C151 SINGLE HANDLE FAUCET. LEONARD MODEL TM-1 POINT OF USE MIXING VALVE. PROVIDE GRID DRAIN.	2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2,3,4
LAV-B	N/A	N/A	FAUCET ONLY FOR INTEGRAL BOWL IN COUNTERTOP. COORDINATE FAUCET HOLE REQUIREMENTS WITH G.C.	DELTA MODEL 22C151 SINGLE HANDLE FAUCET. LEONARD MODEL TM-1 POINT OF USE MIXING VALVE. PROVIDE GRID DRAIN.	2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2,3,4
SS	FIAT	MSB-2424	ONE PIECE MOLDED STONE MOP BASIN, 24" SQUARE, STAINLESS STEEL INTEGRAL DRAIN BODY WITH CAULK CONNECTION, STAINLESS STEEL WALL GUARDS.	CHICAGO FAUCET MODEL 897-CPP FAUCET WITH HOSE THREAD OUTLET, VACUUM BREAKER SPOUT, PAIL HOOK, WALL BRACE, INTEGRAL CHECK VALVES, METAL LEVER HANDLES.	3"	1 1/2"	3/4"	Yes	Yes	No	
UR	AMERICAN STANDARD	6002.001	WALL HUNG URINAL, VITREOUS CHINA, 3/4" TOP SPUD, ELONGATED FLUSHING RIM, WASHDOWN FLUSHING ACTION. MOUNT WITH RIM AT 17" AFF.	0.125 GPF PISTON TYPE MANUAL CHROME PLATED FLUSH VALVE.	2"	2"	3/4"	Yes	No	Yes	1,2
WC-A	AMERICAN STANDARD	215AA.104	FLUSH TANK WATER CLOSET, WHITE VITREOUS CHINA, 3" FLUSH VALVE, 12" ROUGH-IN, ELONGATED 16-1/2" HIGH BOWL.	WHITE OPEN FRONT SOFT CLOSE PLASTIC SEAT	4"	2"	1/2"	Yes	No	Yes	1,2
WH	WOODFORD	B67	AUTOMATIC DRAINING FREEZELESS WALL HYDRANT WITH ASSE 1052 DOUBLE CHECK BACKFLOW PREVENTOR, LOOSE TEE KEY HANDLE, WITH RECESSED BOX WITH DOOR. PROVIDE WITH CHROME PLATED EXTERIOR FINISH.				3/4"	Yes	No	No	



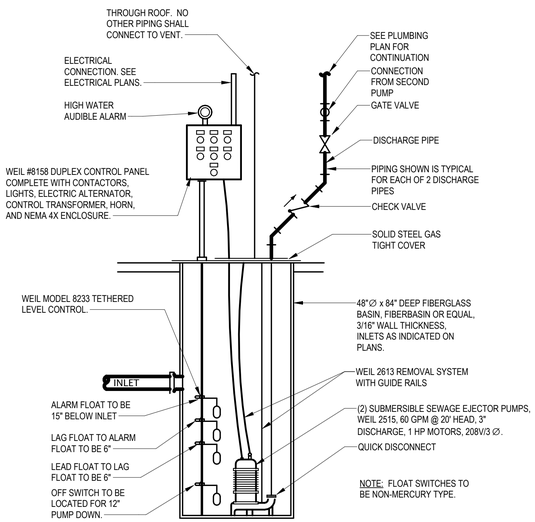
5 WATER HEATER PIPING DIAGRAM
12" = 1'-0"



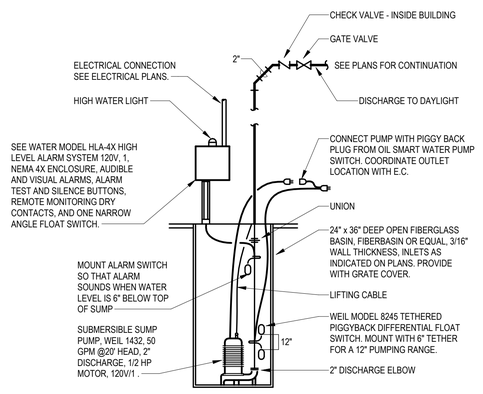
4 FIRE PROTECTION RISER DIAGRAM
12" = 1'-0"



3 SUMP PUMP
12" = 1'-0"



2 SEWAGE EJECTOR DETAIL
12" = 1'-0"



1 ELEVATOR SUMP PUMP
12" = 1'-0"

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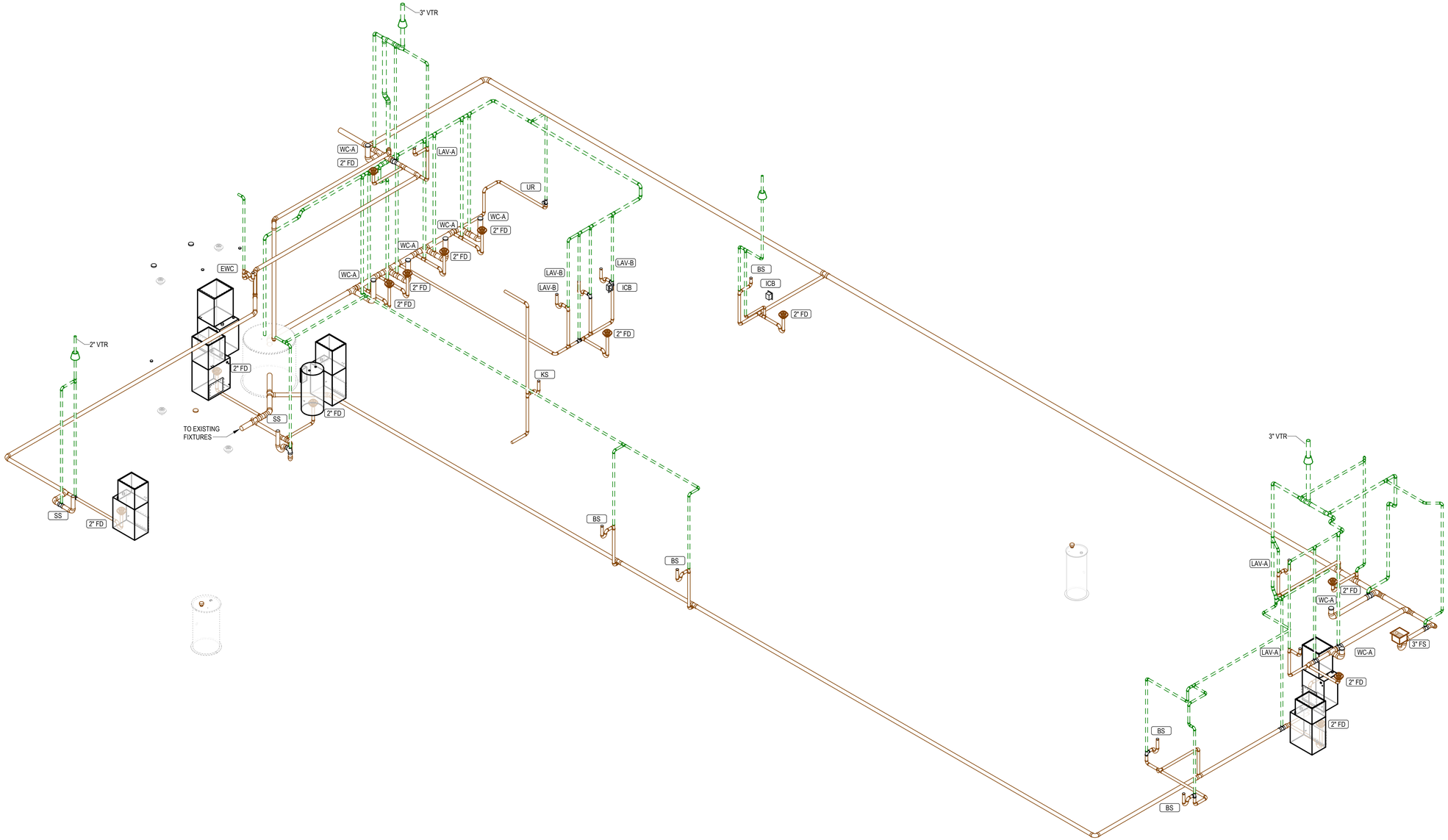
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Project 25018

08/18/2025



1 WASTE & VENT RISER DIAGRAM

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Electrical Abbreviations

1P	1 Pole (2P, 3P, 4P, ETC.)	MCB	Main Circuit Breaker
A, Amp	Ampere	MCC	Motor Control Center
AC	Above Counter	MDC	Main Distribution Center
ACLG	Above Ceiling	MDP	Main Distribution Panel
ADO	Automatic Door Opener	MFR	Manufacturer
AF	Amp Frame	MFS	Main Fused Disconnect Switch
AFF	Above Finished Floor	MH	Manhole
AFG	Above Finished Grade	MIC	Microphone
AFI	Arc Fault Circuit Interrupter	MIN	Minimum
		MISC	Miscellaneous
AHU	Air Handling Unit	MLO	Main Lugs Only
AL	Aluminum	MMS	Manual Motor Starter
ALT	Alternate	MOA	Multioutlet Assembly
AMP	Ampere	MSP	Motor Starter Panelboard
AMPL	Amplifier	MSBD	Main Switchboard
ANNUN	Annunciator	MSS	Motor Starter Switch
APPROX	Approximately	MT	Mount
AQ-STAT	Aquastat	MT.C	Empty Conduit
ARCH	Architect, Architectural	MTS	Manual Transfer Switch
AS	Amp Switch	MTR	Motor, Motorized
AT	Amp Trip	N.C.	Normally Closed
ATS	Automatic Transfer Switch	NEC	National Electrical Code
AUTO	Automatic	NEMA	National Electrical Manufacturer's Association
AUX	Auxiliary	NFDS	Non-Fused Safety Disconnect Switch
AV	Audio Visual		
AWG	American Wire Gauge		
BATT	Battery	NIC	Not In Contract
BD	Board	NL	Night Light
BLDG	Building	N.O.	Normally Open
BMS	Building Management System	NPF	Normal Power Factor
C	Conduit	NTS	Not To Scale
CAB	Cabinet	OC	On Center
CAT	Catalog	OH	Overhead
CATV	Cable Television	OL	Overloads
CB	Circuit Breaker	PA	Public Address
CCTV	Closed Circuit Television	PB	Pull Box Or Pushbutton
CKT	Circuit	PE	Pneumatic Electric
CLG	Ceiling	PED	Pedestal
COMB	Combination	PF	Power Factor
CMPR	Compressor	PH	Phase
CONN	Connection	PIV	Post Indicating Valve
CONST	Construction	PNL	Panel
CONT	Continuation Or Continuous	PP	Power Pole
CONTR	Contractor	PR	Pair
CONV	Convector	PRI	Primary
CP	Circulating Pump	PROJ	Projection
CRT	Cathode-Ray Tube	PRV	Power Roof Ventilator
CT	Current Transformer	PT	Potential Transformer
CTR	Center	PVC	Polyvinyl Chloride (Conduit)
CU	Copper	PWR	Power
DCPP	Domestic Water Circulating Pump	QUAN	Quantity
DEPT	Department	RCPT	Receptacle
DET	Detail	REQD	Required
DIA	Diameter	RM	Room
DISC	Disconnect	RSC	Rigid Steel Conduit
DIST	Distribution	RTU	Roof Top Unit
DN	Down	SC	Surface Conduit
DPR	Damper	SEC	Secondary
DS	Safety Disconnect Switch	SHT	Sheet
DT	Double Throw	SIM	Similar
DWG	Drawing	SLD	Single-Line Diagram
EC	Electrical Contractor	S/N	Solid Neutral
ELEC	Electric, Electrical	SPEC	Specification
ELEV	Elevator	SPKR	Speaker
ELU	Emergency Lighting Unit	SP	Spare
EM	Emergency	SPP	Single-Point Power
EMS	Energy Management System	SR	Surface Raceway
EMT	Electrical Metallic Tubing	SS	Stainless Steel
EP	Electric Pneumatic	SSW	Selector Switch
EQUIP	Equipment	S/S	Stop/Start Pushbuttons
EWC	Electric Water Cooler	STA	Station
EXIST	Existing	STD	Standard
EXH	Exhaust	SURF	Surface Mounted
EXP	Explosion Proof	SW	Switch
FA	Fire Alarm	SWBD	Switchboard
FABP	Fire Alarm Booster Power Supply Panel	SYM	Symmetrical
		SYS	System
FACP	Fire Alarm Control Panel	TEL	Telephone
FCU	Fan Coil Unit	TERM	Terminal
FIXT	Fixture	TL	Twist Lock
FLR	Floor	TR	Tamper Resistant
FLUOR	Fluorescent	T-STAT	Thermostat
FU	Fuse	TTC	Telephone Terminal Cabinet
FUDS	Fused Safety Disconnect Switch	TV	Television
GA	Gauge	TVTC	Television Terminal Cabinet
GAL	Gallon	TYP	Typical
GALV	Galvanized	UC	Under Counter
GC	General Contractor	UE	Underground Electrical
GEN	Generator	UG	Underground
GFI	Ground Fault Circuit Interrupter	UH	Unit Heater
GFP	Ground Fault Protector	UT	Underground Telephone
GND	Ground	UTIL	Utility
GRS	Galvanized Rigid Steel (Conduit)	UV	Ultraviolet
GYP BD	Gypsum Board	V	Volt
HOA	Hands-Off-Automatic Switch	VA	Volt-Amperes
HORIZ	Horizontal	VDT	Video Display Terminal
HP	Horsepower	VERT	Vertical
HPF	High Power Factor	VFD	Variable Frequency Drive
HT	Height	VOL	Volume
HTG	Heating	W	Watt
HTR	Heater	W/	With
HV	High Voltage	WG	Wire Guard
HVAC	Heating, Ventilating And Air Conditioning	WH	Water Heater
		W/O	Without
IC	Interrupting Capacity	WP	Weatherproof
IG	Isolated Ground	XFMR	Transformer
IMC	Intermediate Metal Conduit	XFR	Transfer
INCAND	Incandescent		
IR	Infrared		
IW	Interlock With		
J-BOX	Junction Box	∠	Angle
KV	Kilovolt	@	At
KVA	Kilovolt-Ampere	▲	Delta
KVAR	Kilovolt-Ampere Reactive	'	Feet
KW	Kilowatt	"	Inches
KWH	Kilowatt Hour	#	Number
LOC	Locate Or Location	Ø	Phase
LT	Light	C	Center Line
LTG	Lighting	P	Plate
LTNG	Lightning		
LV	Low Voltage		
MAX	Maximum		
MAG.S	Magnetic Starter		
M/C	Momentary Contact		
MC	Mechanical Contractor		

Fire Alarm Symbol Legend

- Horn/Strobe, Wall, Candela as indicated
- Smoke Detector
- Heat Detector
- Addressible Module (XXX)
  - AIM: Addressible Input Module
  - AOM:Addressible Output Control Module
- Fire Alarm Control Unit (XXXX)
  - FAA: Fire Alarm Annunciator
  - FACP: Fire Alarm Control Panel
- Supervisory or Interface Device (XX)
  - VS: Valve Supervisory Switch
  - WF: Water Flow Switch

Electrical Symbol Legend

Lighting Symbols

- Lighting Fixtures, Typical, Rectangular (Various Symbols)
- Lighting Fixtures, Typical, Round (Various Symbols)
  Center dot indicates pendant.
  Chevron indicates wall wash.
- Wall-mounted fixtures, Typical (Various Symbols)
- Strip Fixture
- Directional Light, Track Light, Flood Light
- Linear Light, Tape Light
- Emergency Lighting Unit, Ceiling-Mounted, Integral Battery
- Emergency Lighting Unit, Ceiling-Mounted, Remote Battery
- Emergency Lighting Unit, Wall-Mounted, Integral Battery
- Emergency Lighting Unit, Wall-Mounted, Remote Battery
- Exit Light, Ceiling-Mounted.
  Shading and arrows indicate faces and directional chevrons.
- Exit Light, Wall-Mounted.
  Shading and arrows indicate faces and directional chevrons.
- Exit/ELU Combo
- Pole/Area Lights
- Post-Top Area Light
- Bollard Light
- Hatch indicates light on an emergency or life safety circuit.
- Single-Pole Switch
- Two-Pole Switch
- Three-Pole Switch

Switch Modifiers:

3: 3-Way	OS: Occupancy Sensor
4: 4-Way	VS: Vacancy Sensor
K: Keyed	CT: Above-Counter
D: Dimming	LV: Low-Voltage
T: Timer	M: Motor-Rated

- Lighting Contactor
- Lighting Control Panel
- Occupancy Sensor (OS)
- Daylight Harvesting Sensor

Lighting Tags

A
MDP.1a

- Top Value: Fixture Type ID (Underlined)
- Bottom Value, Lowercase Letter: Switch ID
- Bottom Value, Number(s): Circuit Number
- Bottom Value, Uppercase Letter(s): Panel

Absence of a switch designation on a lighting fixture indicates fixture is controlled by the only switch in the space. An "x" in place of the switch designation indicates unswitched.

Switch ID indicated by a lowercase letter. Switch IDs are unique per space. A switch with an ID "a" controls all devices within the space in which it is located tagged with "a". A switch without a tagged ID controls all lighting fixtures within a space. ID tags may be used on control devices other than switches, such as occupancy sensors or contactors.

Miscellaneous

- Area Not in Contract
- Note by Symbol (#)
- Callout:
  Top Value: Detail Number on Sheet
  Bottom Value: Sheet Number of Detail
- Room Name and Number

Power Symbols

Wall / Ceiling / Floor

- Simplex Receptacle
- Duplex Receptacle
- Quadruplex Receptacle
- Special Receptacle, Type as Indicated (6-30)

Receptacle Modifiers:
- ##: Height AFF(to center)
- CT: Device Mounted Above Counter Top
- IG: Isolated Ground
- H: Device Mounted Horizontally
- WP: Weatherproof In-Use Cover

- Half shading indicates split (typically switched)
- Outside shading indicates tamperproof device
- Center shading indicates GFI type
- Full shading indicates tamperproof GFI type
- Multioutlet Assembly
  Filled squares indicate 120V outlet
  Open squares indicate with USB
- Cord Reel, Device Varies
- Drop Cord, Device Varies
- Junction Box
- Recessed Combination Floor Box
- Poke-Through Combination Floor Box
- Emergency Power Off
- Door Opener Push Plate (DO)
- Power Meter (M)
- Safety Switch, Fused
- Safety Switch, Unfused
- Combination Starter/Disconnect
- Contactor

Power Device and Equipment Tags

LP1A:1

Electrical DeviceTags: Uppercase letter(s) indicates Panel ID and circuit number. Lowercase letter indicates designation of controlling switch (where applicable).

XX-1

Equipment Tags: Equipment ID is indicated by an underlined tag adjacent to the equipment. See the equipment connection schedule for description, electrical requirements, and panel and circuit number. Symbols/graphic appearance of equipment varies.

Wiring

- Solid, arced lines connecting equipment, devices, or fixtures indicate unswitched power circuiting. Wires are only intended to indicate to what circuit devices are connected. Actual connections, circuit routing, installtion, junction boxes, etc. shall be field-determined by the contractor.
- Dashed, arced lines connecting equipment, devices, or fixtures indicate switched power.
- Home run to branch circuit panelboard. The equipment name and circuit number(s) are indicated, separated by a hyphen. Homeruns are only intended to indicate panel and circuit number. Actual homerun location shall be field-determined by the contractor.

Power Distribution Equipment

SB1 | MDP | HP1A | LP1A

Hatched fill indicates distribution panel or switchboard.
Solid fill indicates branch panel or load center.
Dashed box indicates code-required clearance (width and depth).
Door indicates front of recessed panel.

Devices and fixtures are tagged with Panel and circuit number. For example, a device tagged with "A:1" indicates the device is circuited to panel designated "A," circuit number 1.

T1

Transformer: Typically transformer names begin with or contain the letter "T". See Single-Line Diagram for description and requirements.

Telecom Symbols

Wall / Ceiling / Floor

- Data Outlet
- Telephone Outlet
- Data/Telephone Outlet

Outlet Modifiers:
- ##: Height AFF (to center)
- CT: Mounted Above Counter Top

- Wireless Access Point
- TV Outlet

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Project 25018 — 08/18/2025

Electrical Sheet List

E0.1	ELECTRICAL TITLE SHEET
E1.1	LIGHTING PLANS
E1.2	POWER PLANS
E5.1	ELECTRICAL DETAILS
E6.1	ELECTRICAL SCHEDULES

GENERAL ELECTRICAL NOTES

A. COORDINATE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR INSTALLATION OF PLUMBING AND MECHANICAL INSTALLATION. CONDUITS SHALL BE ROUTED THROUGH JOIST WEBS WHERE POSSIBLE.
B. VERIFY EXACT PLACEMENT OF ALL LUMINAIRES, DEVICES, AND EQUIPMENT SHOWN ON THE ELECTRICAL CONSTRUCTION DOCUMENTS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS PRIOR TO FINAL PLACEMENT.
C. ELECTRICAL EQUIPMENT AND DEVICES SHALL BE "LISTED" AND "IDENTIFIED" AS RATED FOR A MINIMUM OF 75°C CONDUCTOR TERMINATION.
D. DEFINITION OF TERMS
   - "SHALL": ACTION THAT IS REQUIRED WITHOUT OPTION OR QUALIFICATION.
   - "FURNISH": CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING.
   - "INSTALL": CONTRACTOR SHALL BE RESPONSIBLE FOR LABOR AND CONSTRUCTION EQUIPMENT NECESSARY TO SET IN PLACE, CONNECT, CALIBRATE AND TEST EQUIPMENT FURNISHED BY HIM OR OTHERS.
   - "PROVIDE": CONTRACTOR SHALL FURNISH AND INSTALL.

MOUNTING HEIGHT REQUIREMENTS:

UNLESS SPECIFICALLY INDICATED OTHERWISE, THE FOLLOWING MOUNTING HEIGHTS SHALL APPLY:

• RECEPTACLES	16" TO BOTTOM
• TELECOMMUNICATIONS OUTLETS	16" TO BOTTOM
• LIGHT SWITCHES	48" TO TOP
• THERMOSTATS	48" TO TOP
• HUMIDISTATS	48" TO TOP
• FIRE ALARM PULL STATIONS	48" TO TOP
• FIRE ALARM NOTIFICATION DEVICES	LOWER OF: 88" TO BOTTOM OR TOP AT 6" BELOW CEILING

GENERAL LIGHTING NOTES

A. THE CIRCUITING OF ALL LUMINAIRES HAS BEEN SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL FOLLOW THIS CIRCUITING LAYOUT.
B. CIRCUIT ALL EMERGENCY LIGHTS, NIGHT LIGHTS AND EXIT LIGHTS TO AN UNSWITCHED HOT CONDUCTOR, UPSTREAM OF ALL CONTROLS.
C. DIRECT CURRENT POWER WIRING FROM EXIT SIGNS TO REMOTE EXTERIOR EMERGENCY LIGHTING HEADS SHALL BE (2) #10 IN 1/2" CONDUIT UNLESS NOTED OTHERWISE.
D. IN AREAS WHERE CEILING MOUNTED OCCUPANCY SENSORS ARE USED FOR LIGHTING CONTROL IN CONJUNCTION WITH WALL SWITCHES, OCCUPANCY SENSOR/POWER PACK SHALL SWITCH LEG SHALL BE WIRED IN SERIES WITH WALL SWITCHES TO PROVIDE OVERRIDE "OFF" CONTROL FOR LIGHTS.
E. CONTROL WIRING FOR 0-10 V-dc DIMMING SIGNAL CIRCUITS SHALL BE NEC CLASS 1, ROUTED IN SAME RACEWAY/CABLE WITH LIGHTING CIRCUIT POWER CONDUCTORS. WIRING SHALL CONSIST OF (2) #16 SOLID CU THHN OR TFN CONDUCTORS. CONDUCTOR INSULATION COLOR SHALL BE VIOLET (+ V-dc) AND PINK (- V-dc). WHERE MC-CABLE IS USED FOR FINAL 6' POWER CONNECTION WHIP TO LUMINAIRE, UTILIZE "LUMINARY" TYPE MC-CABLE WITH INTEGRAL CLASS 1 CONTROL WIRING.

GENERAL POWER NOTES

A. THE CIRCUITING OF ALL DEVICES HAS BEEN SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL FOLLOW THIS CIRCUITING LAYOUT.
B. VERIFY EXACT LOCATIONS OF HVAC AND PLUMBING EQUIPMENT WITH THE GENERAL CONTRACTOR AND ASSOCIATED SUBCONTRACTORS. COORDINATE CONDUIT STUB-UP AND POWER CONNECTIONS PRIOR TO COMMENCING ROUGH-IN WORK. ELECTRICAL DEVICES (DISCONNECTS, RECEPTACLES, ETC.) INSTALLED ON EQUIPMENT SHALL BE MOUNTED ON A NON-REMOVABLE PANEL OF THE EQUIPMENT. FIELD COORDINATE EXACT DEVICE MOUNTING LOCATIONS PRIOR TO INSTALLATION.
C. WALL MOUNTED HVAC CONTROL DEVICES (THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, CO_2 SENSORS, ETC) SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. UNLESS NOTED OTHERWISE, ELECTRICAL CONTRACTOR SHALL PROVIDE SINGLE GANG WALL BOX WITH 1/2" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING WITH NYLON BUSHINGS AND PULLSTRING IN RACEWAY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF DEVICES.

GENERAL TELECOMMUNICATIONS NOTES

A. PROVIDE THE FOLLOWING RACEWAY ROUGH-IN FOR TELECOMMUNICATIONS OUTLET TYPES INDICATED.
   - WALL PHONE OUTLET: 2"x4"x2-1/8" DEEP DEVICE BOX WITH (1) 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING.
   - PHONE/DATA OUTLET: 4-11/16" SQUARE x 3-1/4" DEEP BOX (RACO #260 OR EQUAL) WITH 1-GANG DEVICE RING AND 1-1/4" CONDUIT TO ABOVE ACCESSIBLE CEILING.
   - TV OUTLET: 4-11/16" SQUARE x 3-1/4" DEEP BOX (RACO #260 OR EQUAL) WITH 2-GANG DEVICE RING AND (1) 2" CONDUIT TO ABOVE ACCESSIBLE CEILING.
B. PROVIDE NYLON BUSHINGS FOR ALL CONDUIT ENDS NOT CONNECTED TO A BOX OR FITTING TO PROTECT CABLING FROM DAMAGE.
C. CONDUITS FROM EACH OUTLET SHALL BE STUBBED 2" ABOVE THE FINISHED CEILINGS IN AREAS WITH ACCESSIBLE TILES. IN AREAS WITH OPEN CEILINGS, STUB CONDUIT INTO STRUCTURAL JOIST SPACE.
D. PROVIDE BLANK, STAINLESS STEEL COVER PLATES FOR ALL OUTLETS NOT ACTIVATED BY OWNER.
E. PROVIDE SUITABLE PULL STRING IN ALL CONDUITS.
F. ALL TELECOMMUNICATIONS AND A/V CABLING, JACKS, CONNECTORS, TERMINATIONS, EQUIPMENT AND TESTING SHALL BE PROVIDED BY OWNER.

GENERAL FIRE ALARM NOTES

A. PROVIDE NEW ADDRESSABLE FIRE ALARM SYSTEM LIMITED TO MONITORING OF FIRE SPRINKLER SYSTEM AND ELEVATOR RECALL AND SHUT-DOWN SERVICE.
B. FIRE ALARM CABLING SHALL BE INSTALLED IN CONDUIT WHERE EXPOSED, INACCESSIBLE, AND WHERE SUBJECT TO PHYSICAL DAMAGE.
C. IN ADDITION TO VALVES INSTALLED ON FIRE SPRINKLER SYSTEM RISER, ALL VALVES INSTALLED OUTSIDE THE BUILDING (POST INDICATOR VALVE, TAPPING SLEEVE VALVE, ETC.) SHALL BE SUPERVISED BY THE FIRE ALARM SYSTEM. PROVIDE ADDRESSABLE MONITORING MODULE AND SURGE PROTECTION DEVICE (DITEK #DTK-2MHLP48B) FOR EACH MONITORED VALVE. COORDINATE WITH GC AND SITE WORK CONTACTOR FOR ALL VALVES INSTALLED. MONITORING IS NOT REQUIRED FOR VALVES INSTALLED IN ROADWAY BOXES BY THE MUNICIPALITY/PUBLIC UTILITY.

GENERAL ELECTRICAL REMODEL NOTES

1. DESIGN IS BASED ON FIELD INFORMATION, AS-BUILT DRAWINGS AND OWNER FURNISHED INFORMATION. CONTRACTOR SHALL VERIFY ACCURACY OF ALL EXISTING CONDITIONS. IN CASE OF DISCREPANCY, PROVIDE ALL NECESSARY CONDUIT, WIRE, BOXES, FITTINGS, ETC. FOR A COMPLETE OPERATING ELECTRICAL SYSTEM.
2. EXISTING EQUIPMENT, WIRING DEVICES, LIGHTS, CONDUIT, WIRING, ETC., NOT DISTURBED BY NEW CONSTRUCTION WORK SHALL BE MAINTAINED AND UNDAMAGED. THESE ITEMS, IF SHOWN, ARE SHOWN FOR INFORMATION PURPOSES ONLY UNLESS NOTED OTHERWISE. THIS CONTRACTOR SHALL VISIT THE JOB SITE TO VERIFY ALL EXISTING CONDITIONS AND TO BECOME FAMILIAR WITH ALL WORK TO BE PERFORMED. FAILURE TO DO SO WILL NOT RELIEVE THIS CONTRACTOR OF THE RESPONSIBILITY FOR PERFORMING ALL WORK NECESSARY TO PROVIDE A WORKMANLIKE INSTALLATION.
3. FIELD VERIFY THE LOCATION AND CONDITION OF ALL EXISTING UTILITIES AND PROVIDE PROTECTION FOR THESE UTILITIES DURING THE COURSE OF WORK. EXISTING UTILITIES, BUILDING MATERIALS AND ASSOCIATED ITEMS DAMAGED BY THIS CONTRACTOR, OR ANY PARTIES ASSOCIATED WITH THIS CONTRACTOR, SHALL BE REPAIRED OR REPLACED AT THIS CONTRACTOR'S EXPENSE, IN A TIMELY MANNER, AND TO THE OWNER'S WRITTEN ACCEPTANCE.
4. THERE SHALL NOT BE ANY INTERRUPTION TO EXISTING SERVICES (ELECTRICAL, FIRE ALARM, TELEPHONE, ETC.) WITHOUT PRIOR SCHEDULING OF SUCH OUTAGES WITH THE OWNER, ARCHITECT, AND ALL OTHER PARTIES INVOLVED.
5. MAINTAIN ACCURATE RECORDS OF ALL MODIFICATIONS TO THE EXISTING SYSTEMS WHICH ARE TO REMAIN AND DELIVER ALL RECORD DRAWINGS INDICATING SUCH MODIFICATIONS TO THE OWNER UPON COMPLETION OF THE PROJECT. MAINTAIN IN THE PROJECT CONSTRUCTION OFFICE, AS THE WORK PROGRESSES, AN UP-TO-DATE, NEATLY MARKED COPY OF THESE DRAWINGS FOR REVIEW BY THE ARCHITECT, ENGINEER, OR OWNER'S REPRESENTATIVE.
6. WHERE NEW ADDITION WORK OR REMODELING INTERFERES WITH CIRCUITS IN ROOMS OTHERWISE UNDISTURBED, EXISTING CIRCUITS SHALL BE REWORKED AS REQUIRED TO MAINTAIN SERVICE.
7. EXISTING ROUGH-IN BOXES AND CONDUIT MAY BE UTILIZED FOR NEW DEVICES IF THEY ARE OF PROPER SIZE AND MATERIAL, AND ARE IN SUITABLE LOCATIONS. HOWEVER, NEW DEVICES AND WIRING MUST BE INSTALLED.
8. WHERE EXISTING EQUIPMENT IS BEING REPLACED WITH NEW EQUIPMENT OR RELOCATED EQUIPMENT, ELECTRICAL CONTRACTOR MAY REUSE THE EXISTING CONDUIT AND ROUGH-IN LOCATIONS IF POSSIBLE, BUT ALL CONDUCTORS SHALL BE NEW.
9. CIRCUITING SHOWN IN REMODELED AREAS MAY BE MODIFIED TO SUIT FIELD CONDITIONS. HOWEVER, KEEP CIRCUITS APPROXIMATELY AS SHOWN ON PLANS TO AVOID OVERLOADING OF CIRCUITS AND TO LIMIT VOLTAGE DROP.
10. MAINTAIN FIRE RATING OF ALL EXISTING WALLS, FLOORS AND CEILING SYSTEMS.
11. NEW DEVICES INSTALLED ON EXISTING WALLS AND CEILINGS IN OCCUPIED SPACES SHALL HAVE WIRING INSTALLED CONCEALED. SURFACE RACEWAY (WIREMOLD) SHALL ONLY BE INSTALLED ON EXISTING WALLS AND HARD CEILINGS WHERE WIRING CANNOT BE INSTALLED CONCEALED (I.E. CONCRETE, BRICK,CMU, ETC). OBTAIN APPROVAL FROM ARCHITECT, ENGINEER, AND OWNER PRIOR TO EACH OCCURRENCE WHERE SURFACE RACEWAY IS INSTALLED. SURFACE RACEWAY SHALL BE STEEL, SINGLE CHANNEL TYPE, IVORY COLORED, COMPLETE WITH ALL ELBOWS, BOXES, SUPPORTS, COVERS, ETC. AS REQUIRED. SURFACE RACEWAY SYSTEMS SHALL BE MANUFACTURED BY WIREMOLD, HUBBELL, OR MONOSYSTEMS, AND SHALL BE OF TYPES AS FOLLOWS:
    - POWER AND FIRE ALARM: WIREMOLD 500 SERIES
    - COMMUNICATIONS AND A/V: WIREMOLD 2400 SERIES

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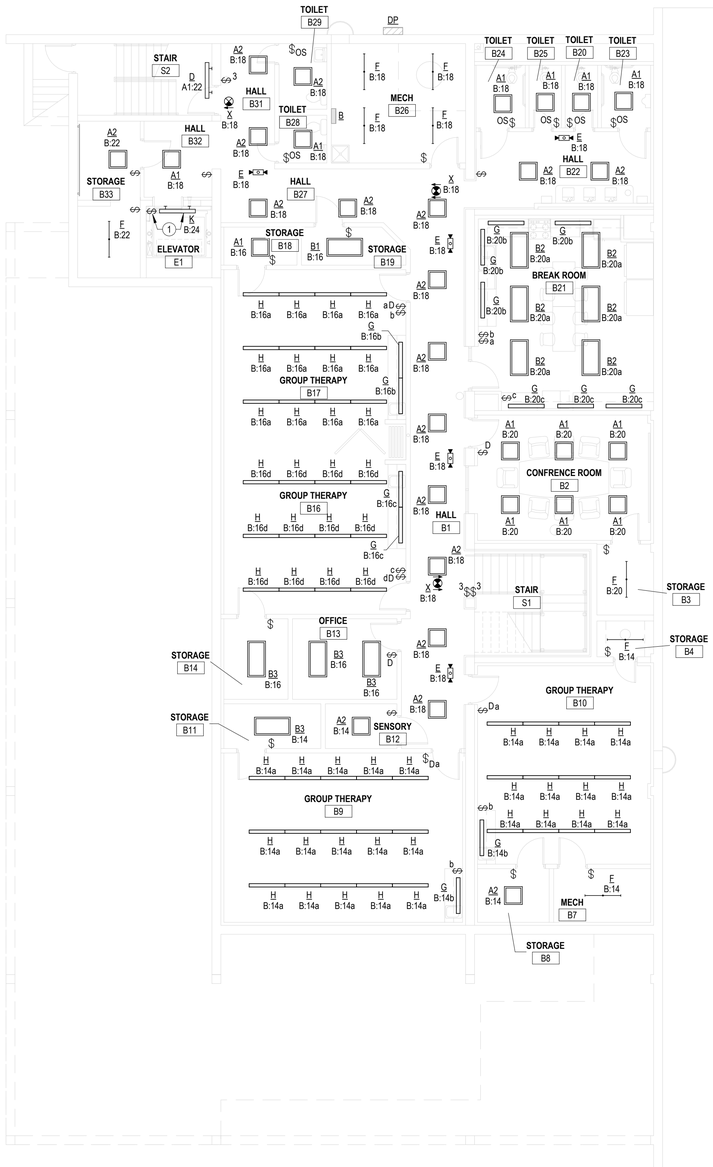
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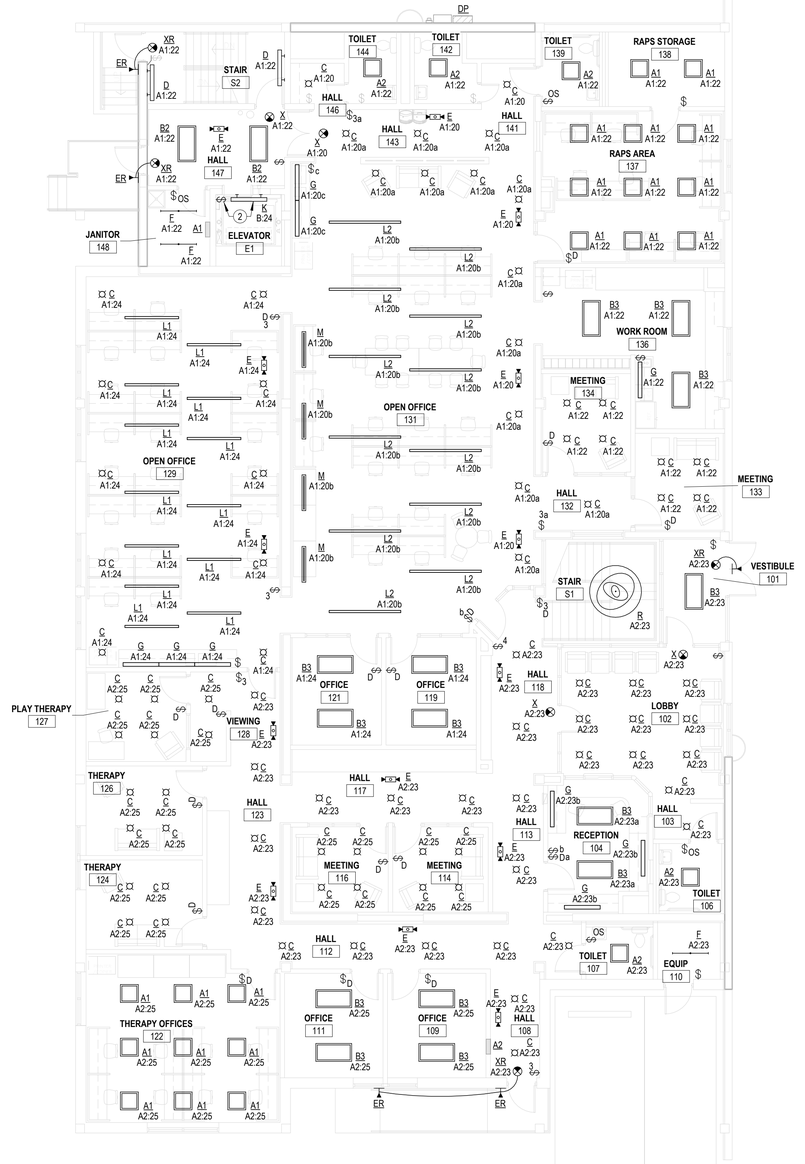
NOTES BY SYMBOL

1 INSTALL LUMINAIRE ON WALL OF ELEVATOR PIT. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER. INSTALL LIGHT SWITCH ADJACENT TO PIT LADDER AT 48" ABOVE FLOOR LANDING.

2 INSTALL LUMINAIRE ON WALL OF ELEVATOR HOISTWAY ABOVE CONTROLLER LANDING FLOOR. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER. INSTALL LIGHT SWITCH ADJACENT TO PIT LADDER AT 48" ABOVE ASSOCIATED FLOOR LANDING.



1 **BASEMENT-LIGHTING PLAN**
1/8" = 1'-0"



2 **FIRST FLOOR-LIGHTING PLAN**
1/8" = 1'-0"

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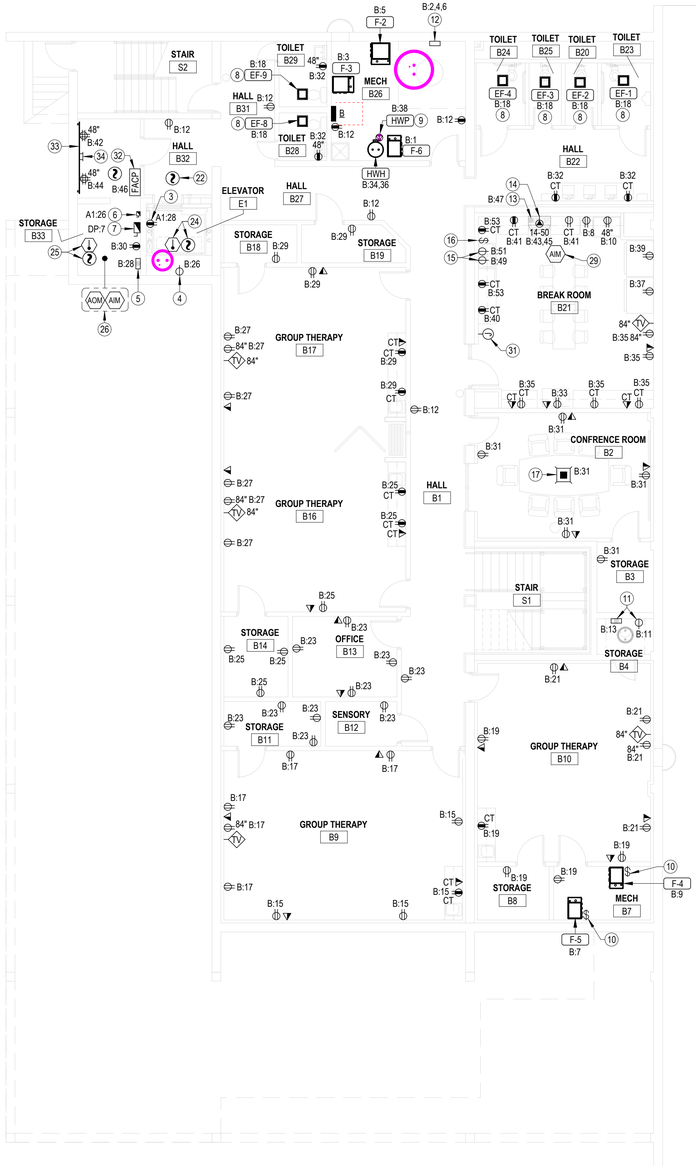
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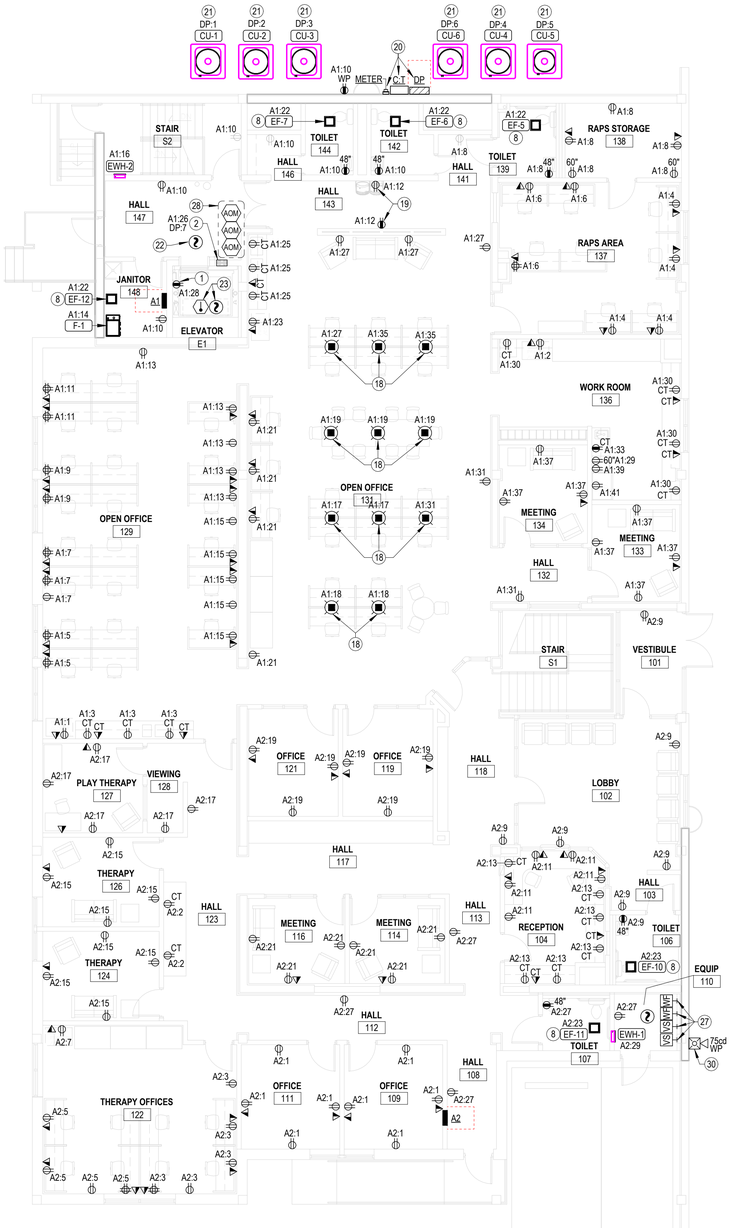
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1 **BASEMENT-POWER PLAN**
1/8" = 1'-0"



2 **FIRST FLOOR-POWER PLAN**
1/8" = 1'-0"

NOTES BY SYMBOL

1. INSTALL RECEPTACLE ON HOISTWAY WALL AT 48" ABOVE FIRST FLOOR. VERIFY EXACT MOUNTING HEIGHT AND LOCATION WITH ELEVATOR EQUIPMENT INSTALLER.
2. POWER CIRCUITS SHALL BE ROUTED TO TOP OF ELEVATOR CONTROLLER.
3. INSTALL RECEPTACLE ON WALL OF ELEVATOR PIT. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER.
4. SIMPLEX RECEPTACLE IN ELEVATOR PIT FOR ELEVATOR SUMP PUMP. COORDINATE EXACT MOUNTING LOCATION WITH PLUMBING CONTRACTOR AND ELEVATOR EQUIPMENT INSTALLER.
5. PROVIDE 120V POWER CONNECTION TO ELEVATOR SUMP PUMP ALARM PANEL AND 1" CONDUIT WITH PULL STRING STUBBED INTO ELEVATOR PIT FOR CONTROL CABLING. COORDINATE ALL WORK WITH PLUMBING CONTRACTOR.
6. 30A DISCONNECT SWITCH, LOCKABLE IN "OFF" POSITION, WITH SOLID NEUTRAL AND (1) 20A DUAL-ELEMENT, TIME DELAY FUSE IN NEMA 1 ENCLOSURE FOR ELEVATOR CAB LIGHTS & EXHAUST. MOUNT AT 6'-0" AFF TO TOP AND LABEL WITH CORRESPONDING ELEVATOR CAR NUMBER AND CIRCUIT NUMBER. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER. PROVIDE FINAL ELECTRICAL CONNECTION TO ELEVATOR CONTROLLER.
7. ELEVATOR POWER MODULE SWITCH: 200A/208V/3P SWITCH COMPLETE WITH 125A DUAL ELEMENT, TIME DELAY CLASS 'J' FUSES, 120V CONTROL TRANSFORMER, FIRE ALARM SAFETY INTERFACE RELAY, KEY TEST SWITCH, GREEN PILOT LIGHT, AUXILIARY CONTACTS FOR ELEVATOR RECALL, AND FIRE ALARM VOLTAGE MONITORING RELAY. EATON BUSSMAN #PS-2-T20-R1-K-G-B-F1 OR EQUAL. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER, AND PROVIDE FINAL ELECTRICAL CONNECTION TO ELEVATOR CONTROLLER.
8. SWITCH EXHAUST FAN WITH ROOM LIGHT(S).
9. ROUTE 120V CIRCUIT FOR HOT WATER RECIRCULATION PUMP THROUGH ADJACENT AQUASTAT. PROVIDE 20A/1P SNAP SWITCH ADJACENT TO PUMP AND MAKE FINAL FLEXIBLE CONNECTION. COORDINATE WITH PLUMBING CONTRACTOR.
10. PROVIDE 20A/1P SNAP SWITCH MOUNTED ADJACENT TO FURNACE UNIT AND MAKE FINAL FLEXIBLE CONNECTION TO EQUIPMENT.
11. PROVIDE DEDICATED 120V CIRCUIT TO SIMPLEX RECEPTACLE FOR SUMP PUMP. PROVIDE ADDITIONAL 120V CIRCUIT FOR SUMP PUMP ALARM PANEL. COORDINATE REQUIREMENTS WITH PLUMBING CONTRACTOR.
12. PROVIDE 208V/3PH CIRCUIT TO SEWAGE EJECTOR CONTROL PANEL. COORDINATE EXACT REQUIREMENTS WITH PLUMBING CONTRACTOR.
13. PROVIDE 120V POWER CONNECTION TO RANGE HOOD. COORDINATE REQUIREMENTS WITH EQUIPMENT INSTALLER.
14. RANGE OUTLET AND EMERGENCY POWER DISCONNECT RELAY PROVIDED BY M.C. AS PART OF HOOD SYSTEM. E.C. TO INSTALL OUTLET AND CONTROL CABLE FROM RECEPTACLE TO HOOD CONTROL PANEL. COORDINATE WITH M.C.
15. INSTALL RECEPTACLES FOR DISHWASHER AND DISPOSER FLUSH IN BASE CABINET BELOW SINK.
16. PROVIDE SWITCH ABOVE COUNTER FOR CONTROL OF DISPOSER.
17. 4-COMPARTMENT, FULLY ADJUSTABLE, EPOXY COATED STEEL RECESSED FLOOR BOX FOR SLAB-ON-GRADE APPLICATEIONS WITH TWO DUPLEX RECEPTACLES AND TWO GANG COMPARTMENT FOR COMMUNICATIONS (WIREMOLD #RFBA4R300G). PROVIDE COMPLETE WITH (2) INTERNAL DECORATOR STYLE DEVICE BRACKETS (#RFBADEC) FOR TELECOM OUTLETS, AND BLACK FLANGED BLANK ALUMINUM COVER ASSEMBLY (#FPBTCBK). VERIFY EXACT BOX LOCATION WITH OWNER PRIOR TO ROUGH-IN. PROVIDE 1-1/4" CONDUIT FROM COMMUNICATIONS COMPARTMENT, ROUTED BELOW SLAB TO WALL AND STUBBED UP TO ABOVE ACCESSIBLE CEILING. COORDINATE SAW-CUTTING AND PATCHING OF EXISTING CONCRETE SLAB WITH G.C.
18. 6" DIAMETER, FIRE RATED RECESSED POKE-THRU FLOOR BOX FOR POWER AND COMMUNICATIONS (WIREMOLD #6ATC2PBK). PROVIDE COMPLETE WITH (2) DUPLEX RECEPTACLES (#68REC), COMMUNICATIONS DEVICE MOUNTING PLATE (#6DEC) AND BLACK DIE-CAST ALUMINUM SURFACE COVER (#6CTC2BK). COORDINATE EXACT MOUNTING LOCATION WITH OWNER PRIOR TO ROUGH-IN. COORDINATE CORE DRILLING OF EXISTING CONCRETE SLAB WITH G.C.
19. COORDINATE EXACT MOUNTING LOCATION OF DRINKING FOUNTAIN RECEPTACLE WITH PLUMBING CONTRACTOR. WIRE FROM LOAD SIDE OF ADJACENT GFI RECEPTACLE TO PROVIDE GFI PROTECTION FOR DRINKING FOUNTAIN RECEPTACLE.
20. SERVICE DISTRIBUTION PANEL 'DP', C:T METERING CABINET AND METER. SEE ONE-LINE DIAGRAM ON SHEET E5.1.
21. ROUTE CIRCUITRY TO EQUIPMENT FROM PANEL 'DP' IN GALVANIZED RMC RACEWAY, LOW ON WALL, THEN TRANSITION TO 'LFMC' RACEWAY FOR FINAL CONNECTION.
22. ELEVATOR LOBBY SMOKE DETECTOR FOR ELEVATOR RECALL. SEE DETAIL #, SHEET E#.#.
23. SMOKE DETECTOR AND HEAT DETECTOR AT TOP OF ELEVATOR HOISTWAY FOR RECALL AND SHUT-DOWN. SEE DETAIL 4, SHEET E5.1.
24. SMOKE DETECTOR AND HEAT DETECTOR IN ELEVATOR PIT FOR RECALL AND SHUT-DOWN. SEE DETAIL 4, SHEET E5.1.
25. ELEVATOR CONTROL ROOM SMOKE AND HEAT DETECTORS FOR ELEVATOR RECALL AND SHUT-DOWN. SEE DETAIL 4, SHEET E5.1.
26. ADDRESSABLE FIRE ALARM RELAY FOR ELEVATOR POWER SHUNT-TRIP, AND ADDRESSABLE MONITORING MODULE FOR MONITORING OF SHUNT-TRIP VOLTAGE. SEE DETAIL 4, SHEET E5.1.
27. PROVIDE ADDRESSABLE FIRE ALARM RELAYS AND MONITORING MODULES FOR ALL FIRE SPRINKLER FLOW SWITCHES AND VALVE SUPERVISORY (TAMPER) SWITCHES. COORDINATE QUANTITIES AND LOCATIONS WITH FIRE SPRINKLER CONTRACTOR.
28. ADDRESSABLE FIRE ALARM RELAYS FOR PRIMARY AND ALTERNATE LEVEL ELEVATOR RECALL, AND FIREMAN'S HAT. INSTALL ABOVE CEILING ADJACENT TO ELEVATOR CONTROLLER. SEE DETAIL 4, SHEET E5.1.
29. PROVIDE ADDRESSABLE MONITORING MODULE TO MONITOR STATUS OF HOOD FIRE SUPPRESSION SYSTEM. COORDINATE LOCATION AND REQUIREMENTS WITH HOOD INSTALLER.
30. FIRE SPRINKLER SYSTEM BELL/GONG OR HORN/STROBE DEVICE AS REQUIRED PER LOCAL JURISDICTION REQUIREMENTS. DEVICE SHALL ACTIVATE UPON WATER FLOW.
31. PROVIDE ROUGH-IN J-BOX AND 1/2" CONDUIT FOR HOOD FIRE SUPPRESSION SYSTEM PULL STATION. COORDINATE REQUIREMENTS WITH HOOD EQUIPMENT INSTALLER.
32. PROVIDE (2) CAT 5e UTP, NEC TYPE 'CMP' CABLES (SUPERIOR ESSEX #51-241-48 OR EQUAL) IN 3/4" CONDUIT FROM FACP TO MAIN TELECOM TERMINAL BOARD FOR CONNECTION TO FA SYSTEM DACT FOR REMOTE MONITORING.
33. PROVIDE (2) 4'x8'x3/4" ACX FIRE RETARDANT PLYWOOD SHEETS INSTALLED VERTICALLY WITH BOTTOM AT 6" AFF. PLYWOOD SHALL BE PERMANENTLY FASTENED TO THE WALL BY MEANS OF WALL ANCHORS UTILIZING GALVANIZED, ZINC PLATED, OR STAINLESS STEEL HARDWARE WITH A FLAT HEAD. FINISHED INSTALLATION SHALL HAVE FLUSH APPEARANCE WITH COUNTERSUNK SCREW HEADS TO PREVENT SPLITTING OF THE PLYWOOD. DRYWALL SCREWS ARE NOT ACCEPTABLE. PAINT WITH TWO COATS OF LIGHT GRAY FIRE RETARDANT SEALER PRIOR TO INSTALLATION OF ANY EQUIPMENT.
34. TELECOMMUNICATIONS GROUND BAR SHALL BE 13-1/4"W x 2"H x 1/4" THICK ELECTRO-TIN PLATED COPPER BUS BAR, COMPLETE WITH INSULATED STAND-OFFS AND STAINLESS STEEL BRACKETS, ERICO #TGBA14L06PT OR EQUAL. MOUNT AT 18" AFF. ALL CONNECTIONS TO GROUND BAR SHALL BE MADE USING COMPRESSION TYPE LUGS.

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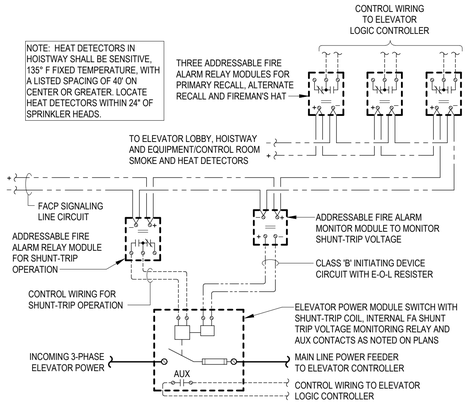
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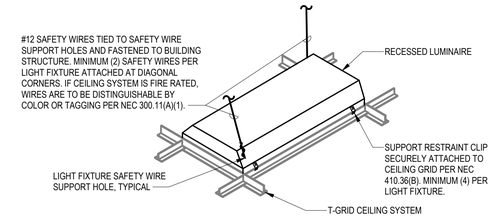
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ELEVATOR RECALL AND SHUT-DOWN SEQUENCE OF OPERATION:

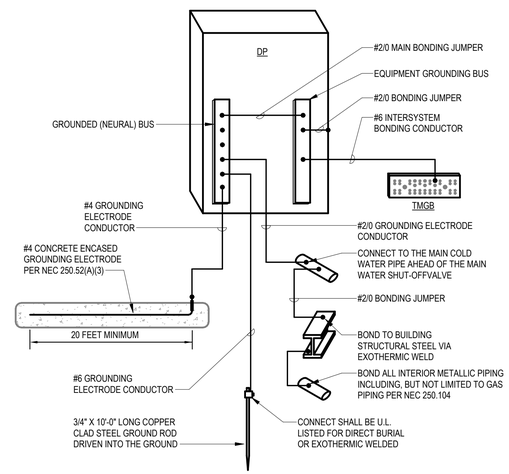
1. UPON SENSING SMOKE FROM ONE OR MORE ELEVATOR LOBBY OR HOISTWAY, THE SMOKE DETECTOR SHALL SIGNAL THE FIRE ALARM CONTROL PANEL, WHICH WILL FORWARD THE SIGNAL TO THE ELEVATOR LOGIC CONTROLLER VIA ADDRESSABLE RELAY MODULES TO RECALL ELEVATOR CAB TO THE PRIMARY RECALL FLOOR. IF PRIMARY RECALL FLOOR'S LOBBY SMOKE DETECTOR SENSES SMOKE AT THAT FLOOR, THE ELEVATOR CONTROLLER WILL SEND THE ELEVATOR CAB TO THE NEXT FLOOR CLEAR OF SMOKE. ONCE THE ELEVATOR CAB HAS REACHED THE DESIGNATED FLOOR, THE ELEVATOR CAB DOORS WILL OPEN AND THE CONTROLLER WILL LOCK THE ELEVATOR CAB AT THAT FLOOR, DISABLING THE ELEVATOR CAB CONTROLS, UNLESS A FIREMAN'S KEY IS USED TO OVERRIDE AUTOMATIC CONTROLS.
2. ALL SMOKE DETECTORS ASSOCIATED WITH ELEVATOR RECALL (LOBBY AND HOISTWAY) SHALL TRANSMIT A SEPARATE AND DISTINCT VISIBLE ANNUNCIATION AT THE FIRE ALARM CONTROL PANEL.
3. UPON SENSING A HEAT ALARM CONDITION IN THE ELEVATOR HOISTWAY, THE HEAT DETECTOR SHALL SIGNAL THE FIRE ALARM CONTROL PANEL, WHICH WILL FORWARD THE SIGNAL TO THE ADDRESSABLE RELAY MODULE TO ACTIVATE THE SHUNT-TRIP SWITCH POWERING THE ELEVATOR SO AS TO DISCONNECT POWER TO THAT CIRCUIT. THIS IS TO BE A NON-AUTO RESET SWITCH. WHEN THE SPRINKLER HEAD HAS REACHED ITS CRITICAL TEMPERATURE OF 165° F., THE HEAD WILL BEGIN DISCHARGE OF WATER.

4 ELEVATOR RECALL AND SHUT-DOWN DIAGRAM
NO SCALE

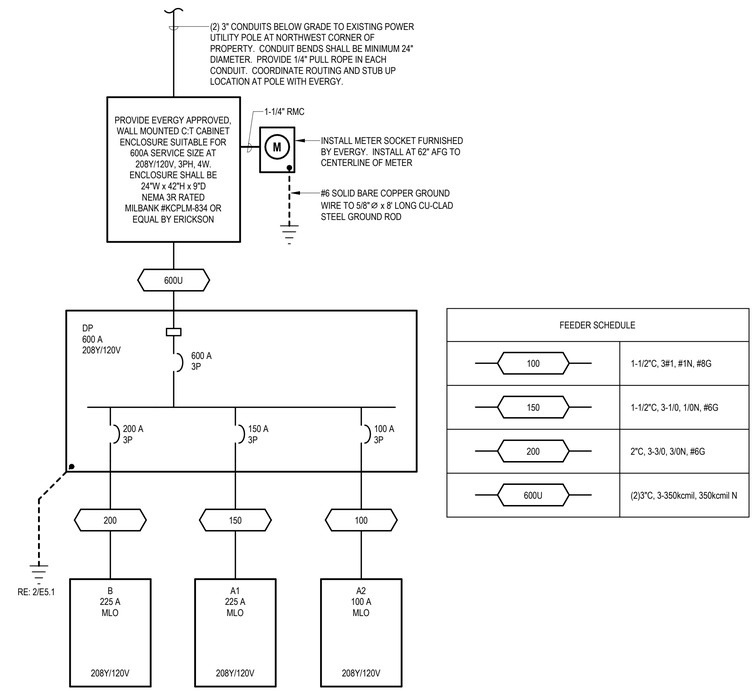


NOTES:
1. SAFETY WIRES SHALL HAVE A MINIMUM OF 3 TIGHT TURNS AROUND SELF.
2. FIXTURE INSTALLATION TO COMPLY WITH ASTM C636 AND CISCA STANDARDS.

3 RECESSED LUMINAIRE SUPPORT
NO SCALE



2 GROUNDING ELECTRODE SYSTEM DIAGRAM
NO SCALE



FEEDER SCHEDULE	
100	1-1/2"C, 3#1, #1N, #8G
150	1-1/2"C, 3-1/0, 1/0N, #6G
200	2"C, 3-3/0, 3/0N, #6G
600U	(2)3"C, 3-350kcmil, 350kcmil N

1 ONE-LINE DIAGRAM
NO SCALE

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CENTRAL KANSAS MENTAL HEALTH CENTER
REMODEL & ADDITION
SALINA, KANSAS

This document was originally issued and sealed by John F. Lewis-Smith, Kansas PE No. 14654 on 08/18/2025
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REVISIONS:

DATE: 08/18/2025
JOB: 24-3459
SHEET NO.:

E5.1

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Project 25018

08/18/2025

Panelboard: DP

Location: NORTH EXTERIOR
Supply From: UTILITY XFMR
Mounting: Surface
Enclosure: NEMA 3R

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 22 kA
Mains Type: MCB
Bus Rating: 600 A
Mains Rating: 600 A

Panelboard Notes:
1. PANEL SHALL BE U.L. LISTED FOR USE AS SERVICE EQUIPMENT.
2. PROVIDE PANEL WITH INTEGRAL SURGE PROTECTION PER SPECIFICATIONS.

#	Circuit Description	C/B Amp Trip	# of Poles	Circuitry	Load	Notes (See Below)
DP:1	CONDENSING UNIT 'CU-1'	40 A	2	3/4"C,2#8,#10G	3.83	HR
DP:2	CONDENSING UNIT 'CU-2'	35 A	2	3/4"C,2#8,#10G	4.16	HR
DP:3	CONDENSING UNIT 'CU-3	50 A	2	3/4"C,2#6,#10G	4.99	HR
DP:4	CONDENSING UNIT 'CU-4'	35 A	2	3/4"C,2#8,#10G	4.16	HR
DP:5	CONDENSING UNIT 'CU-5'	25 A	2	3/4"C,2#10,#10G	2.33	HR
DP:6	CONDENSING UNIT 'CU-6'	30 A	2	3/4"C,2#10,#10G	3.00	HR
DP:7	ELEVATOR	150 A	3	1-1/2"C,3-1/0,#6G	34.23	
DP:8	PANEL 'B'	200 A	3	2"C,3-3/0,3/0N,#6G	50.39	
DP:9	PANEL 'A1'	150 A	3	1-1/2"C,3-1/0,1/0N,#6G	34.81	
DP:10	PANEL 'A2'	100 A	3	1-1/2"C,3#1,#1N,#8G	17.48	
DP:11	225A PROVISIONAL SPACE	--	1	--	--	
DP:12	225A PROVISIONAL SPACE	--	1	--	--	
DP:13	100A PROVISIONAL SPACE	--	1	--	--	
DP:14	100A PROVISIONAL SPACE	--	1	--	--	

Circuit Notes:
HR: HEATING, AIR CONDITIONING & REFRIGERATION RATED BREAKER (HACR).

Breaker Function Schedule

#	For any number, see panel schedule footer note
A	Arc-Fault Interrupter (AFCI) Protection
EM	Provide identification per NEC 700.12(I)(2)(4)
G	Ground-Fault Circuit Interrupter (GFCI) Protection (5 mA)
GE	Ground-Fault Protection for Equipment (30 mA)
H	Breaker hasp to prevent unintentional opening
HR	Heating, Air-Conditioning, & Refrigeration Rated Breaker (HACR)
L	Lockable open according to NEC 110.25
S	Switch-rated per NEC 240.83(D)

Panelboard: A1

Location: JAN. CLOSET
Supply: DP
Mounting: Surface
Enclosure: NEMA 1

Voltage: 208Y/120V, 3Ø, 4W
Bus Rating: 225 A
Neutral: 100%
Feed-Thru Lugs: No
Features & Modifications: -

Mains Type: MLO
Mains Rating: 225 A
Mains FN/Note: -
SCCR: 10 kA

PROVIDE WITH INTEGRAL SURGE PROTECTION PER SPECIFICATIONS

Ckt	Description	Circuitry	Trip (A)	FN	A KVA		B KVA		C KVA		FN	Trip (A)	Circuitry	Description	Ckt
A1:1	RCPT: PRINTER/COPIER OPEN OFFICE...	1/2"C,1#12,#12N,#12G	20		1.2	1.2						20	1/2"C,1#12,#12N,#12G	RCPT: WORK ROOM PRINTER/COPIER	A1:2
A1:3	RCPT: OPEN OFFICE 129 COUNTER	1/2"C,1#12,#12N,#12G	20				0.54	0.72				20	1/2"C,1#12,#12N,#12G	RCPT: RAPS AREA 137 DESKS	A1:4
A1:5	RCPT: OPEN OFFICE 129 DESKS	1/2"C,1#12,#12N,#12G	20						0.72	0.72		20	1/2"C,1#12,#12N,#12G	RCPT: RAPS AREA 137 DESKS	A1:6
A1:7	RCPT: OPEN OFFICE 129 DESKS	1/2"C,1#12,#12N,#12G	20		0.9	1.26						20	1/2"C,1#12,#12N,#12G	RCPT: RAPS STORAGE 118, TLT 139	A1:8
A1:9	RCPT: OPEN OFFICE 129 DESKS	1/2"C,1#12,#12N,#12G	20				0.72	1.26				20	1/2"C,1#12,#12N,#12G	RCPT: HALL, TLT, EXTERIOR, JAN	A1:10
A1:11	RCPT: OPEN OFFICE 129 DESKS	1/2"C,1#12,#12N,#12G	20						0.72	0.78		20	1/2"C,1#12,#12N,#12G	RCPT: DRINKING FTN, HALL 143	A1:12
A1:13	RCPT: OPEN OFFICE 129 DESKS	1/2"C,1#12,#12N,#12G	20		0.9	1.18						20	1/2"C,1#12,#12N,#12G	FURNACE 'F-1'	A1:14
A1:15	RCPT: OPEN OFFICE 129 DESKS	1/2"C,1#12,#12N,#12G	20				0.9	1.82				20	1/2"C,1#12,#12N,#12G	WALL HEATER EWH-2, STAIR S2	A1:16
A1:17	RCPT: OPEN OFFICE 131 FLOOR	1/2"C,1#12,#12N,#12G	20						0.72	0.72		20	1/2"C,1#12,#12N,#12G	RCPT: OPEN OFFICE 131 FLOOR	A1:18
A1:19	RCPT: OPEN OFFICE 131 FLOOR	1/2"C,1#12,#12N,#12G	20		1.08	0.98						20	1/2"C,1#12,#12N,#12G	LTG: OPEN OFFICE 131	A1:20
A1:21	RCPT: OPEN OFFICE DESKS	1/2"C,1#12,#12N,#12G	20				0.72	1.32				20	1/2"C,1#12,#12N,#12G	LTG: HALL, STAIR, TLT, RAPS, WORK RM,...	A1:22
A1:23	RCPT: PRINTER/COPIER OPEN OFFICE...	1/2"C,1#12,#12N,#12G	20						1.2	0.92		20	1/2"C,1#12,#12N,#12G	LTG: OPEN OFFICE 129, OFFICES 119, 121	A1:24
A1:25	RCPT: OPEN OFFICE 131 COUNTER	1/2"C,1#12,#12N,#12G	20		0.54	1.2						20	1/2"C,1#12,#12N,#12G	ELEVATOR CAB LIGHTS & CONTROLS	A1:26
A1:27	RCPT: OPEN OFFICE 131 FLOOR	1/2"C,1#12,#12N,#12G	20				0.9	0.36				20	1/2"C,1#12,#12N,#12G	RCPT: ELEVATOR PIT, HOISTWAY	A1:28
A1:29	MICROWAVE - WORK ROOM 136	1/2"C,1#12,#12N,#12G	20						1.2	0.72		20	1/2"C,1#12,#12N,#12G	RCPT: WORK ROOM 136 COUNTER	A1:30
A1:31	RCPT: OPEN OFFICE 131 FLOOR	1/2"C,1#12,#12N,#12G	20		0.72	0						20	--	SPARE BREAKER	A1:32
A1:33	RCPT: WORK ROOM CNTR (COFFEE)	1/2"C,1#12,#12N,#12G	20				1.5	0				20	--	SPARE BREAKER	A1:34
A1:35	RCPT: OPEN OFFICE 131 FLOOR	1/2"C,1#12,#12N,#12G	20						0.72	0		20	--	SPARE BREAKER	A1:36
A1:37	RCPT: MEETING ROOMS 133, 134	1/2"C,1#12,#12N,#12G	20		1.26	--						--	--	SPACE ONLY	A1:38
A1:39	ICE MAKER - WORK ROOM 136	1/2"C,1#12,#12N,#12G	20				1.5	--				--	--	SPACE ONLY	A1:40
A1:41	WORK ROOM 136 REFRIGERATOR	1/2"C,1#12,#12N,#12G	20						1	--		--	--	SPACE ONLY	A1:42
		Connected Loads:			12.419 kVA		12.255 kVA		10.141 kVA						
					106 A		105 A		85 A						

Panelboard: A2

Location: SOUTH HALL
Supply: DP
Mounting: Flush
Enclosure: NEMA 1

Voltage: 208Y/120V, 3Ø, 4W
Bus Rating: 100 A
Neutral: 100%
Feed-Thru Lugs: No
Features & Modifications: -

Mains Type: MLO
Mains Rating: 100 A
Mains FN/Note: -
SCCR: 10 kA

PROVIDE WITH INTEGRAL SURGE PROTECTION PER SPECIFICATIONS

Ckt	Description	Circuitry	Trip (A)	FN	A KVA		B KVA		C KVA		FN	Trip (A)	Circuitry	Description	Ckt
A2:1	RCPT: OFFICES 109, 111	1/2"C,1#12,#12N,#12G	20		1.44	0.36						20	1/2"C,1#12,#12N,#12G	RCPT: HALL 123 COUNTER	A2:2
A2:3	RCPT: THERAPY OFFICES 122 DESKS	1/2"C,1#12,#12N,#12G	20				1.08	0				20	--	SPARE BREAKER	A2:4
A2:5	RCPT: THERAPY OFFICES 122 DESKS	1/2"C,1#12,#12N,#12G	20						0.9	0		20	--	SPARE BREAKER	A2:6
A2:7	PRINTER/COPIER THERAPY OFC 122	1/2"C,1#12,#12N,#12G	20		1.2	0						20	--	SPARE BREAKER	A2:8
A2:9	RCPT: LOBBY, TLT 106, HALL 118	1/2"C,1#12,#12N,#12G	20				1.26	0				20	--	SPARE BREAKER	A2:10
A2:11	RCPT: RECEPTION	1/2"C,1#12,#12N,#12G	20						0.9	0		20	--	SPARE BREAKER	A2:12
A2:13	RCPT: RECEPTION 104 COUNTER	1/2"C,1#12,#12N,#12G	20		1.08	--						--	--	SPACE ONLY	A2:14
A2:15	RCPT: THERAPY 124, 126	1/2"C,1#12,#12N,#12G	20				1.44	--				--	--	SPACE ONLY	A2:16
A2:17	RCPT: PLAY THERAPY, VIEWING	1/2"C,1#12,#12N,#12G	20						0.9	--		--	--	SPACE ONLY	A2:18
A2:19	RCPT: OFFICE 119, 121	1/2"C,1#12,#12N,#12G	20		1.08	--						--	--	SPACE ONLY	A2:20
A2:21	RCPT: MEETING RMS 114, 116	1/2"C,1#12,#12N,#12G	20				1.08	--				--	--	SPACE ONLY	A2:22
A2:23	LTG: HALLWAY, LOBBY, RECEPTION, TLT	1/2"C,1#12,#12N,#12G	20						1.19	--		--	--	SPACE ONLY	A2:24
A2:25	LTG: OFFICES, THERAPY, MEETING RMS	1/2"C,1#12,#12N,#12G	20		0.86	--						--	--	SPACE ONLY	A2:26
A2:27	RCPT: HALL 108, 112, 113, TLT 107	1/2"C,1#12,#12N,#12G	20				0.9	--				--	--	SPACE ONLY	A2:28
A2:29	HEATER EWH-1	1/2"C,1#12,#12N,#12G	20						1.82	--		--	--	SPACE ONLY	A2:30
		Connected Loads:			6.019 kVA		5.760 kVA		5.702 kVA						
					50 A		48 A		48 A						

Panelboard: B

Location: BSMT MECH RM
Supply: DP
Mounting: Surface
Enclosure: NEMA 1

Voltage: 208Y/120V, 3Ø, 4W
Bus Rating: 225 A
Neutral: 100%
Feed-Thru Lugs: No
Features & Modifications: -

Mains Type: MLO
Mains Rating: 225 A
Mains FN/Note: -
SCCR: 10 kA

PROVIDE WITH INTEGRAL SURGE PROTECTION PER SPECIFICATIONS

Ckt	Description	Circuitry	Trip (A)	FN	A		B		C		FN	Trip (A)	Circuitry	Description	Ckt
B:1	FURNACE 'F-6'	1/2"C,1#12,#12N,#12G	20		1.18	0.58									B:2
B:3	FURNACE 'F-3'	1/2"C,1#12,#12N,#12G	20				1.18	0.58				20	1/2"C,3#12,#12G	SEWAGE EJECTOR	B:4
B:5	FURNACE 'F-2'	1/2"C,1#12,#12N,#12G	20						1.18	0.58					B:6
B:7	FURNACE 'F-5'	1/2"C,1#10,#10N,#10G	20		1.18	1.5						20	1/2"C,1#12,#12N,#12G	RCPT: BREAK ROOM ICE MAKER	B:8
B:9	FURNACE 'F-4'	1/2"C,1#10,#10N,#10G	20				1.18	1				20	1/2"C,1#12,#12N,#12G	RCPT: BREAK ROOM REFRIGERATOR	B:10
B:11	SUMP PUMP - STOR. B4	1/2"C,1#12,#12N,#12G	20						1.18	1.08		20	1/2"C,1#12,#12N,#12G	RCPT: HALL, MECH ROOM B26	B:12
B:13	SUMP PUMP ALARM PANEL - STOR. B4	1/2"C,1#12,#12N,#12G	20		0.5	0.82						20	1/2"C,1#12,#12N,#12G	LTG: GROUP THERAPY B9, B10	B:14
B:15	RCPT: GROUP THERAPY B9	1/2"C,1#12,#12N,#12G	20				0.72	0.82				20	1/2"C,1#12,#12N,#12G	LTG: GROUP THERAPY B16, B17	B:16
B:17	RCPT: GROUP THERAPY B9	1/2"C,1#12,#12N,#12G	20						0.9	1.34		20	1/2"C,1#12,#12N,#12G	LTG: HALL, MECH, RESTROOMS	B:18
B:19	RCPT: GROUP THERAPY B10	1/2"C,1#12,#12N,#12G	20		0.9	0.59						20	1/2"C,1#12,#12N,#12G	LTG: BREAK ROOM, CONF. ROOM	B:20
B:21	RCPT: GROUP THERAPY B10	1/2"C,1#12,#12N,#12G	20				0.72	0.07				20	1/2"C,1#12,#12N,#12G	LTG: ELEVATOR EQUIPMENT ROOM	B:22
B:23	RCPT: OFFICE B13, STOR. B11, SENS...	1/2"C,1#10,#10N,#10G	20						1.8	0.06		20	1/2"C,1#12,#12N,#12G	LTG: ELEVATOR PIT/HOISTWAY	B:24
B:25	RCPT: GROUP THER. B16 CTR, STOR...	1/2"C,1#12,#12N,#12G	20		1.08	1.18					H	20	1/2"C,1#12,#12N,#12G	ELEVATOR SUMP PUMP RCPT	B:26
B:27	RCPT: GROUP THER. B16, B17	1/2"C,1#12,#12N,#12G	20				1.08	0.5			H	20	1/2"C,1#12,#12N,#12G	ELEVATOR SUMP PUMP ALARM PANEL	B:28
B:29	RCPT: GROUP THER. B17 CTR, STOR.	1/2"C,1#12,#12N,#12G	20						0.9	0.18		20	1/2"C,1#12,#12N,#12G	RCPT: ELEVATOR EQUIPMENT ROOM	B:30
B:31	RCPT: CONFERENCE RM B2	1/2"C,1#12,#12N,#12G	20		1.26	0.72						20	1/2"C,1#12,#12N,#12G	RCPT: TOILET, HALL B22	B:32
B:33	RCPT: PRINTER/COPIER BREAK ROOM	1/2"C,1#12,#12N,#12G	20				1.2	2.5				30	1/2"C,2#10,#10G	WATER HEATER	B:34
B:35	RCPT: BREAK ROOM CNTR, TV	1/2"C,1#12,#12N,#12G	20						0.9	2.25					B:36
B:37	RCPT: BREAK ROOM VENDING	1/2"C,1#12,#12N,#12G	20		1	0.13						20	1/2"C,1#12,#12N,#12G	HOT WATER RECIRC PUMP 'HWP'	B:38
B:39	RCPT: BREAK ROOM VENDING	1/2"C,1#12,#12N,#12G	20				1	1				20	1/2"C,1#12,#12N,#12G	RCPT: BREAK ROOM COFFEE MAKER	B:40
B:41	RCPT: BREAK ROOM COUNTER	1/2"C,1#12,#12N,#12G	20						0.36	0.36	H	20	1/2"C,1#12,#12N,#12G	RCPT: PHONEBOARD	B:42
B:43	BREAK ROOM RANGE	3/4"C,2#6,#10G	50		4	0.36					H	20	1/2"C,1#12,#12N,#12G	RCPT: PHONEBOARD	B:44
B:45							4	0.36			H	20	1/2"C,1#12,#12N,#12G	FIRE ALARM CONTROL PANEL	B:46
B:47	BREAK ROOM RANGE HOOD	1/2"C,1#12,#12N,#12G	20						0.5	0		20	--	SPARE BREAKER	B:48
B:49	BREAK ROOM DISHWASHER	1/2"C,1#12,#12N,#12G	20		0.65	0						20	--	SPARE BREAKER	B:50
B:51	BREAK ROOM DISPOSER	1/2"C,1#12,#12N,#12G	20				1.2	0				20	--	SPARE BREAKER	B:52
B:53	RCPT: BREAK ROOM COUNTER	1/2"C,1#12,#12N,#12G	20						0.36	0		20	--	SPARE BREAKER	B:54
B:55	SPACE ONLY	--	--		--	--						--	--	SPACE ONLY	B:56
B:57	SPACE ONLY	--	--				--	--				--	--	SPACE ONLY	B:58
B:59	SPACE ONLY	--	--						--	--		--	--	SPACE ONLY	B:60
		Connected Loads:			17.616 kVA		18.849 kVA		13.924 kVA						
					152 A		162 A		116 A						

LIGHT FIXTURE SCHEDULE

GENERAL:
- ALL LED'S SHALL BE 4000K CORRELATED COLOR TEMPERATURE, MINIMUM 80 CRI
- ALL LED FIXTURES SHALL ADHERE TO LM79 AND LM80 STANDARDS
- PROVIDE MANUFACTURER'S FLANGE KIT WHERE LAY-IN FIXTURES ARE TO BE INSTALLED IN GYP.

NOTES:
1. PROVIDE FIXTURE WITH EMERGENCY BATTERY INTEGRAL CHARGER WITH SELF-DIAGNOSTIC/SELF-TESTING ELECTRONICS.
2. FIXTURE SHALL BE CAPABLE OF WALL OR CEILING MOUNT APPLICATIONS AND SHALL HAVE BREAK-OUT DIRECTIONAL CHEVRONS.
3. FIXTURE TO HAVE SELECTABLE LUMEN OUTPUT AND COLOR TEMPERATURE..
4. INSTALL FIXTURE PER DETAIL 3, SHEET E5.1.
5. FIXTURE SHALL BE U.L. LISTED FOR WET LOCATIONS.

MARK	MANUFACTURER	MODEL NUMBER	WATTAGE	LUMEN OUTPUT	DRIVER	MOUNTING	FINISH	DESCRIPTION	NOTES
A1	DAY-BRITE CFI	2SBP2035L8DS-UNV-DIM	28 W	3483 lm	0-10V DIMMING TO 5%	LAY-IN	WHITE	2X2 BACKLIT LED FLAT PANEL WITH EXTRUDED ALUMINUM FRAME AND FLAT OPAL DIFFUSER	3, 4
A2	DAY-BRITE CFI	2SBP2035L8DS-UNV-DIM	33 W	3982 lm	0-10V DIMMING TO 5%	LAY-IN	WHITE	2X2 BACKLIT LED FLAT PANEL WITH EXTRUDED ALUMINUM FRAME AND FLAT OPAL DIFFUSER	3, 4
B1	DAY-BRITE CFI	2SBP3050L8DS-4-UNV-DIM	27 W	3448 lm	0-10V DIMMING TO 5%	LAY-IN	WHITE	2X4 BACKLIT LED FLAT PANEL WITH EXTRUDED ALUMINUM FRAME AND FLAT OPAL DIFFUSER	3, 4
B2	DAY-BRITE CFI	2SBP3050L8DS-4-UNV-DIM	39 W	4814 lm	0-10V DIMMING TO 5%	LAY-IN	WHITE	2X4 BACKLIT LED FLAT PANEL WITH EXTRUDED ALUMINUM FRAME AND FLAT OPAL DIFFUSER	3, 4
B3	DAY-BRITE CFI	2SBP3050L8DS-4-UNV-DIM	51 W	6073 lm	0-10V DIMMING TO 5%	LAY-IN	WHITE	2X4 BACKLIT LED FLAT PANEL WITH EXTRUDED ALUMINUM FRAME AND FLAT OPAL DIFFUSER	3, 4
C	LIGHTOLIER	S7R840K10Z10U	14 W	1000 lm	0-10V DIMMING TO 10%	CEILING SURFACE	WHITE	7" DIA ROUND SURFACE MOUNT DOWNLIGHT	
D	DAY-BRITE CFI	FLP440L840-R-UNV-DIM-BSL10LST	27 W	4000 lm	0-10V DIMMING TO 10%	SURFACE WALL HORIZONTAL AT 7'-6" AFF	WHITE	4FT LINEAR WALL MOUNT WITH ROUND FROSTED ACRYLIC LENS AND INTEGRAL 10W EMERGENCY BATTERY PACK	
E	LIFE SAFETY LIGHTING	LSLEDM7W	5 W	200 lm	--	CEILING RECESSED	WHITE	TWIN HEAD EMERGENCY LIGHTING UNIT WITH INTEGRAL BATTERY BACKUP	1
ER	LIFE SAFETY LIGHTING	LSRHLED-1-SDT-WP-MV-B	1 W	100 lm	--	SURFACE WALL AT 7'-6" AFF	BLACK	SINGLE OUTDOOR WEATHERPROOF REMOTE EMERGENCY HEAD; DIE-CAST ALUMINUM HOUSING	5
F	DAY-BRITE CFI	FSS440L840-UNV-DIM	30 W	4077 lm	0-10V DIMMING TO 10%	SUSPENDED	WHITE	4' STANDARD STRIP WITH CURVED FROSTED ACRYLIC LENS	
G	ADVANTAGE	MEM48402000LFGM	14 W	2000 lm	0-10V DIMMING TO 10%	SURFACE	WHITE	48" SOLID FRONT UNDERCABINET LIGHT WITH FROSTED SATIN LENS	
H	LEDALITE	1211LBGQEXX	20 W	2320 lm	0-10V DIMMING TO 5%	LAY-IN	WHITE	LED LINEAR SURFACE MOUNTED FIXTURE, CONTINUOUS ROW	
K	DAY-BRITE CFI	V3W443L840-UNV-DIM-SSL	29 W	4200 lm	0-10V DIMMING TO 10%	SURFACE WALL HORIZONTAL	WHITE	4FT SEALED INDUSTRIAL, FIBERGLASS REINFORCED POLYESTER BODY, CLEAR ACRYLIC GASKETED LENS, STAINLESS STEEL LATCHES	5
L1	LEDALITE	2901L940220N06D	33 W	3300 lm	0-10V DIMMING TO 10%	SUSPENDED	WHITE	6" TRUGROOVE LINEAR SUSPENDED DIRECT	
L2	LEDALITE	2901L940220N08D	44 W	4400 lm	0-10V DIMMING TO 10%	SUSPENDED	WHITE	8" TRUGROOVE LINEAR SUSPENDED DIRECT	
M	LEDALITE	3901L940220QS40D	22 W	2200 lm	0-10V DIMMING TO 10%	SUSPENDED	WHITE	4" TRUGROOVE LINEAR RECESSED DIRECT	
R	ORBIT	MORFI-MED-4-TIER-RINGS-QU-11192	195 W	19000 lm	0-10V DIMMING TO 10%	SUSPENDED	SELECTED BY ARCHITECT	MULTI-RING LED PENDANT	
X	LIFE SAFETY LIGHTING	LSXS2RWEMSDT	5 W	0 lm	--	CEILING	WHITE	UNIVERSAL SINGLE/DOUBLE FACE POLYCARBONATE EXIT SIGN	1, 2
XR	LIFE SAFETY LIGHTING	LSCEMXTE-R-W-SDT	5 W	0 lm	--	CEILING	WHITE	UNIVERSAL SINGLE/DOUBLE FACE POLYCARBONATE EXIT SIGN WITH REMOTE BATTERY CAPACITY	1, 2

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REMODEL & ADDITION
SALINA, KANSAS

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