SALINA ART CENTER

NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS

SALINA, 21-3166 KANSAS

REFERENCE LEGEND

- 1-A1 — DETAIL REFERENCE REF # – SHT. #
- A-A1 SIM — DETAIL REFERENCE REF # – SHT #
- A / A1.1 — INTERIOR ELEVATION REFERENCE
- 100'-0" FIN. FLR. — ELEVATION DESIGNATION
- 1 — DOOR MARK
- A — WINDOW MARK
- CUT LINE
- 4 — PARTITION MARK
- 1 — REVISIONS
- WAITING 101 — ROOM NAME & NUMBER
- A-A1 — PROJECTED VIEW OF PHOTOGRAPH REF # – SHT. #
- SB 10'-0" (BTM) — CEILING ELEVATION & MATERIAL
- PROJECT NORTH
- TRUE NORTH
- A DETAIL SCALE — DRAWING NAME; DRAWING 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

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	SURVEY
CFP	CODE FOOTPRINT
ADA	ADA DIAGRAMS

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PERMIT SET w/ ASI 1 (9-13-2023)

ABBREVIATIONS

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

CONSULTANTS

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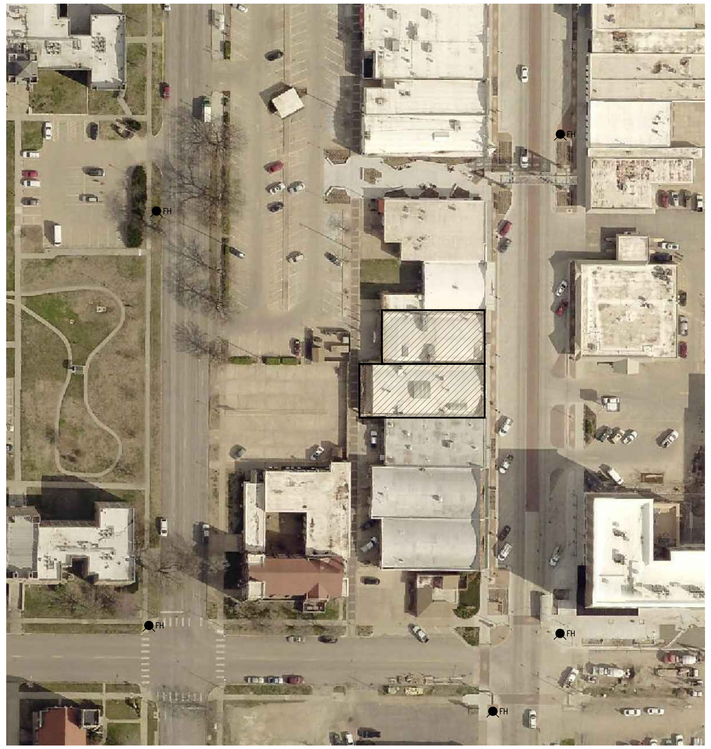


C **VICINITY PLAN**
N.T.S.

LEGEND

DESIGNATED EMERGENCY EXIT — 68"/24.4" — EXIT WIDTH (ACTUAL/REQUIRED); 122/340 — OCCUPANT LOAD (ACTUAL/ALLOWED)

0 HOUR CONSTRUCTION

EMERGENCY LIGHT
EXIT LIGHT
FIRE EXTINGUISHER — FE
FIRE HYDRANT — FH
MAGNETIC HOLD OPEN (TIED TO FIRE ALARM) — MHO
FIRE ALARM CONTROL PANEL — FACP
FIRE ALARM ANNUNCIATOR PANEL — FAAP

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

PROJECT INFORMATION

TYPE OF CONSTRUCTION: REMODEL (NO CHANGE OF USE/OCCUPANCY TYPE) (NO CHANGE IN OCCUPANT LOAD)

FACILITY NAME: SALINA ART CENTER
FACILITY ADDRESS: 242 S. SANTA FE AVE. SALINA, KS 67401 ph: 785–827–7261

OWNER NAME: SALINA ART CENTER MISTY SERENE (DIRECTOR)

OWNER ADDRESS: 242 S. SANTA FE AVE. SALINA, KS 67401 ph: 785–833–6444

COUNTY: SALINE
FIRE DEPARTMENT: CITY OF SALINA
WATER SUPPLY: CITY OF SALINA
BUILDING INSPECTION DEPT: CITY OF SALINA
AUTHORITY HAVING JURISDICTION: 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
2009 INT. ENERGY CONS. CODE
2010 ADA STANDARDS for ACCESSIBLE DESIGN

CODE INFORMATION

OCCUPANCY OVERALL: A–3 ASSEMBLY, ART GALLERY

CONSTRUCTION TYPE: III–B (ASSUMED, EXISTING BUILDING)

BASIC ALLOWABLE AREA: A–3 9,500 SF

ALLOWABLE AREA INCREASE (FOR FRONTAGE):
(NON–SEPARATED OCCUPANCIES. PER IBC SECTION 506.2)

	B
BASE ALLOWABLE	9,500 SF
FRONTAGE INCREASE (12.6%)	1,197 SF
ALLOWBLE AREA (PER FLOOR)	10,697 SF

ACTUAL BUILDING AREA:

FIRST FLOOR (EXISTING)	9,973 SF
MEZZANINE (EXISTING)	1,450 SF
TOTAL	9,973 SF

*NOTE: MEZZANINE SF NOT COUNTED TOWARDS OVERALL SF OF BUILDING. (IBC 2012: SEC. 505.2)

*NOTE: NO NEW ALTERATIONS BEING DONE ON THE MEZZANINE (ONLY WORK WILL CONSIST OF MECH EQUIPMENT REPLACEMENT AND MAINTAINENCE.)

BASIC ALLOWABLE STORIES: 2
ACTUAL STORIES: 1

BASIC ALLOWABLE HEIGHT: 55'
ACTUAL HEIGHT 25'

INCIDENTAL SEPARATIONS: (PER IBC TABLE 509)
N/A

FIRE ALARM REQUIREMENTS:
EXISTING SYSTEM TO REMAIN

AUTOMATIC FIRE SUPPRESSION SYSTEM:
NOT REQUIRED, NOT PROVIDED (FIRE AREA IS LESS THAN 12,000 SF AND OCCUPANT LOAD IS LESS THAN 300)

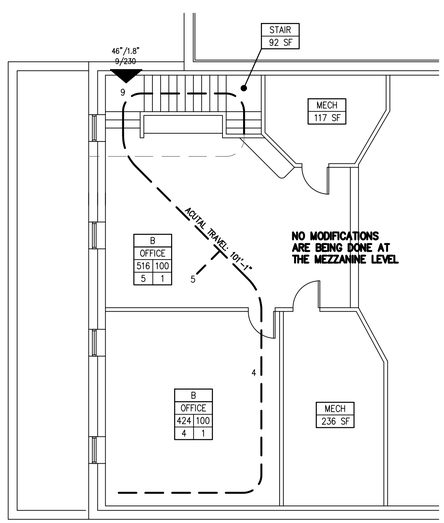
EMERGENCY POWER SOURCE: BATTERY BACKUP
EXIT SIGNS
EXIT ILLUMINATION
EMERGENCY LIGHTING

STANDPIPE & HOSE SYSTEMS:
NOT REQUIRED

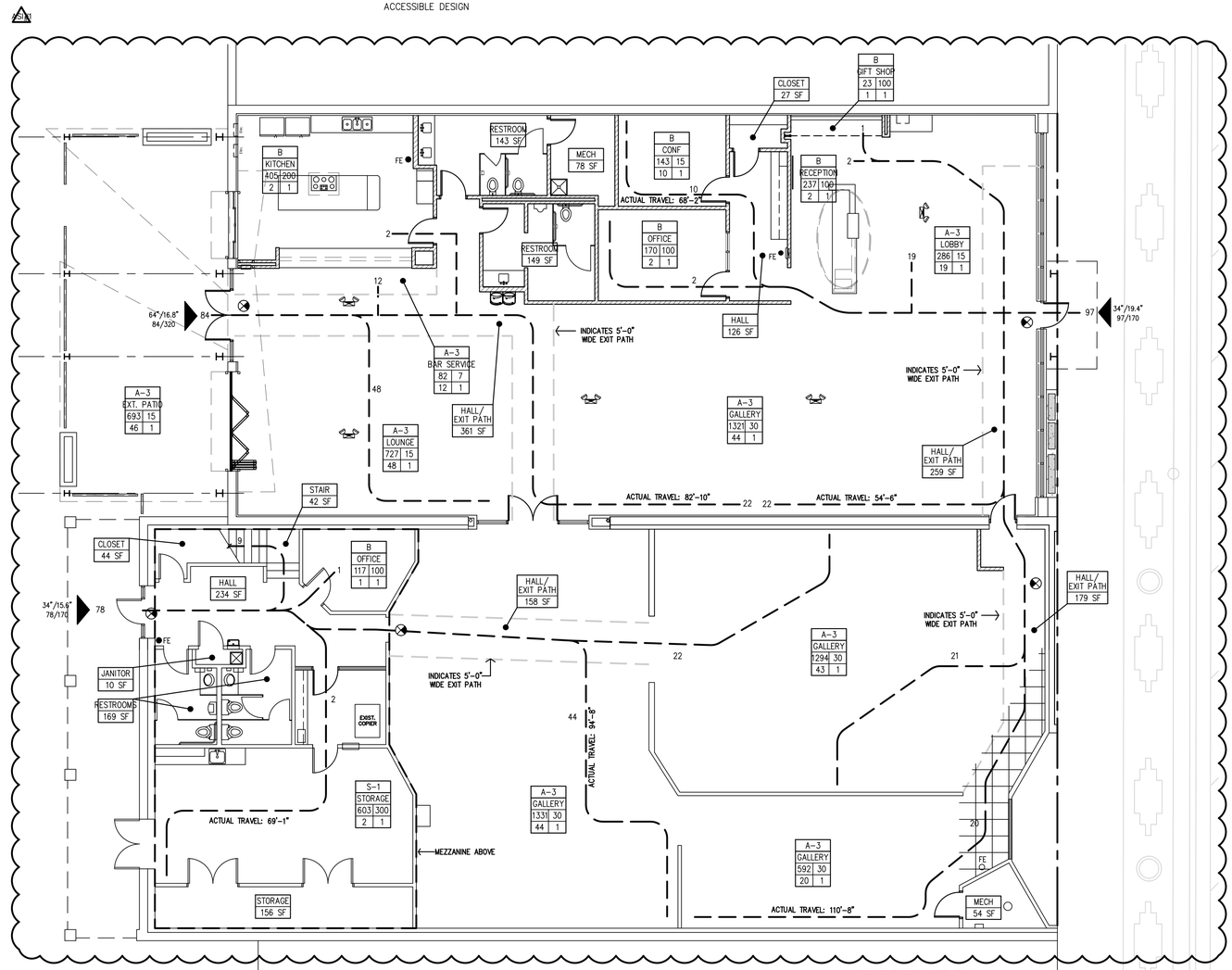
TOTAL OCCUPANT LOAD OF FIRE AREA: 259 OCCUPANTS

EXITING: REFERENCE PLAN FOR EXIT WIDTHS
PER IBC 2012, TABLE 1016.2, EXIT ACCESS TRAVEL DISTANCE, TYPE A (ASSEMBLY) OCCUPANCIES ARE ALLOWED A 200' MAXIMUM TRAVEL DISTANCE FOR NON–SPRINKLED BUILDINGS.

NOTE: FURTHEST EXISTING ACTUAL TRAVEL DISTANCE IS 110'–8" (FROM FURTHEST POINT IN GALLERY 129 TO NORTH EAST EXIT DOOR).



B **MEZZANINE CODE FOOT PRINT**
0 4' 8' 16'



A **FIRST FLOOR CODE FOOT PRINT**
0 4' 8' 16'

PLUMBING FIXTURE COUNT

OCCUPANCY TYPE: A–3 ASSEMBLY, ART GALLERY

TOTAL BUILDING OCCUPANCY: 307 (INCLUDES THE PATIO)
FEMALE = 153.5
MALE = 153.5

WATER CLOSETS (FIXTURES PER PERSON)
FEMALE = 101–200 REQUIRES 4 FIXTURES (4 ARE PROVIDED)
MALE = 101–200 REQUIRES 2 FIXTURES (2 ARE PROVIDED)

URINALS (FIXTURES PER PERSON)
MALE = 101–200 REQUIRES 2 FIXTURES (2 ARE PROVIDED)

LAVATORIES (FIXTURES PER PERSON)
FEMALE = 101–200 REQUIRES 2 FIXTURES (3 ARE PROVIDED)
MALE = 1–200 REQUIRES 1 FIXTURE (2 ARE PROVIDED)

DRINKING FOUNTAINS (FIXTURES PER PERSON)
ALL = 201–400 REQUIRES 2 FIXTURES (3 ARE PROVIDED)

SERVICE SINK
1 FIXTURE REQUIRED (2 ARE PROVIDED)

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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM LICENSED 6517 7-28-2023 KANSAS PROFESSIONAL ARCHITECT

REVISION:
1 9–13–23

DATE: 7–28–2023
JOB: 21–3166
SHEET NO.:
CFP

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DEMOLITION NOTES

GENERAL

1. WHERE EXIST. BUILDING COMPONENTS ARE TO BE REMOVED; PATCH & REPAIR THE SURFACES TO MATCH EXISTING FINISH, UNLESS NEW FINISHES ARE CALLED FOR. PAINT WALLS CORNER TO CORNER
2. REMOVE EXISTING BUILDING COMPONENTS AS INDICATED, IMPLIED OR AS REQUIRED SCHEMATICALLY SHOWN AS BOLD 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 IS SUSPECTED ON SITE. DO NOT DISTURB UNLESS DIRECTED.
7. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE THE DEMOTION BY DIFFERING TRADES.
8. CONTRACTOR TO COORDINATE LOCATIONS OF ANY OF ALL EXISTING EXISTING RECEPTACLES, SWITCHES, DEVICES, ETC. PRIOR TO DEMOLITION, RELOCATE OR ABANDON ACCORDINGLY.

DEMO NOTES – BASE BID

1. REMOVE EXISTING ALUMINUM DOOR AND STOREFRONT SYSTEM. PREP OPENING FOR INSTALLATION FOR NEW WALL INFILL.
2. NOTE NOT USED
3. REMOVE EXISTING INTERIOR WALLS, DOORS, FRAMES, ASSOCIATED ELECTRICAL, PIPING, ETC. AS SHOWN SCHEMATICALLY BY HEAVY DASHED LINES.
4. NOTE NOT USED
5. REMOVE EXISTING CASEWORK.
6. REMOVE ALL EXISTING KITCHEN CASEWORK, CABINETS, COUNTERTOPS, SINKS, EQUIPMENT, ETC. IN THIS ROOM.
7. REMOVE AND SALVAGE EXISTING HOT WATER HEATER. TO BE REINSTALLED IN A NEW LOCATION. REFERENCE MECHANICAL DWGS.
8. REMOVE EXISTING TUBE COLUMN WALL BRACING.
9. REMOVE ALL FIXTURES, PARTITIONS, LAVATORIES, COUNTERTOPS, ACCESSORIES ETC. IN THIS ROOM.
10. REMOVE EXISTING WATER FOUNTAIN.
11. REMOVE PORTION OF EXISTING WALL TO ALLOW FOR THE INSTALLATION OF NEW DOOR AND FRAME.
12. REMOVE PORTION OF EXISTING CABINETRY.
13. NOTE NOT USED
14. NOTE NOT USED
15. NOTE NOT USED
16. NOTE NOT USED
17. REMOVE EXISTING LAY-IN CEILING TILES. GRID TO REMAIN. PREP FOR THE INSTALLATION OF NEW CEILING TILES.
18. NOTE NOT USED
19. REMOVED EXISTING TILE FLOORING AND PORTION OF WOOD FLOORING IN GALLERY 128. PREP FLOOR FOR INSTALLATION OF NEW FLOORING. SHOWN AS SHADED HATCH.
20. REMOVE EXISTING WALL CABINETS AND SHELVES. PATCH AND REPAIR ADJACENT WALLS AS REQUIRED FOR A SMOOTH FIXTURE TO MATCH EXISTING.
21. REMOVE EXISTING CONVECTION RADIATOR ALONG SILL OF WINDOW.
22. EXISTING PAPER TOWEL AND SOAP DISPENSERS: CONTRACTOR TO REMOVE & SALVAGE. TO BE RE-INSTALLED IN NEW/UPDATED RESTROOMS AND KITCHEN. REF. ENLARGED FLOOR PLANS ON A8.1, A8.2 AND A9.2.
23. REMOVE PORTION OF EXISTING CONCRETE SLAB FLOORING FOR INSTALLATION OF NEW COUNTERS, COUNTERS, ETC.
24. REMOVE PORTION OF EXISTING CONCRETE SIDEWALK. PREP FOR THE INSTALLATION OF NEW CONCRETE SIGN PEDESTAL. REMOVE SIDEWALK BACK TO THE NEAREST JOINT LINE. ALL NEW CONCRETE TO MATCH EXISTING IN COLOR, TEXTURE AND DESIGN.
25. NOTE NOT USED
26. REMOVE PORTION OF EXISTING CONCRETE SLAB FLOORING FOR INSTALLATION OF NEW PLUMBING, SEWER LINE, GREASE TRAP AND NEW ELECTRICAL TO KITCHEN ISLAND..

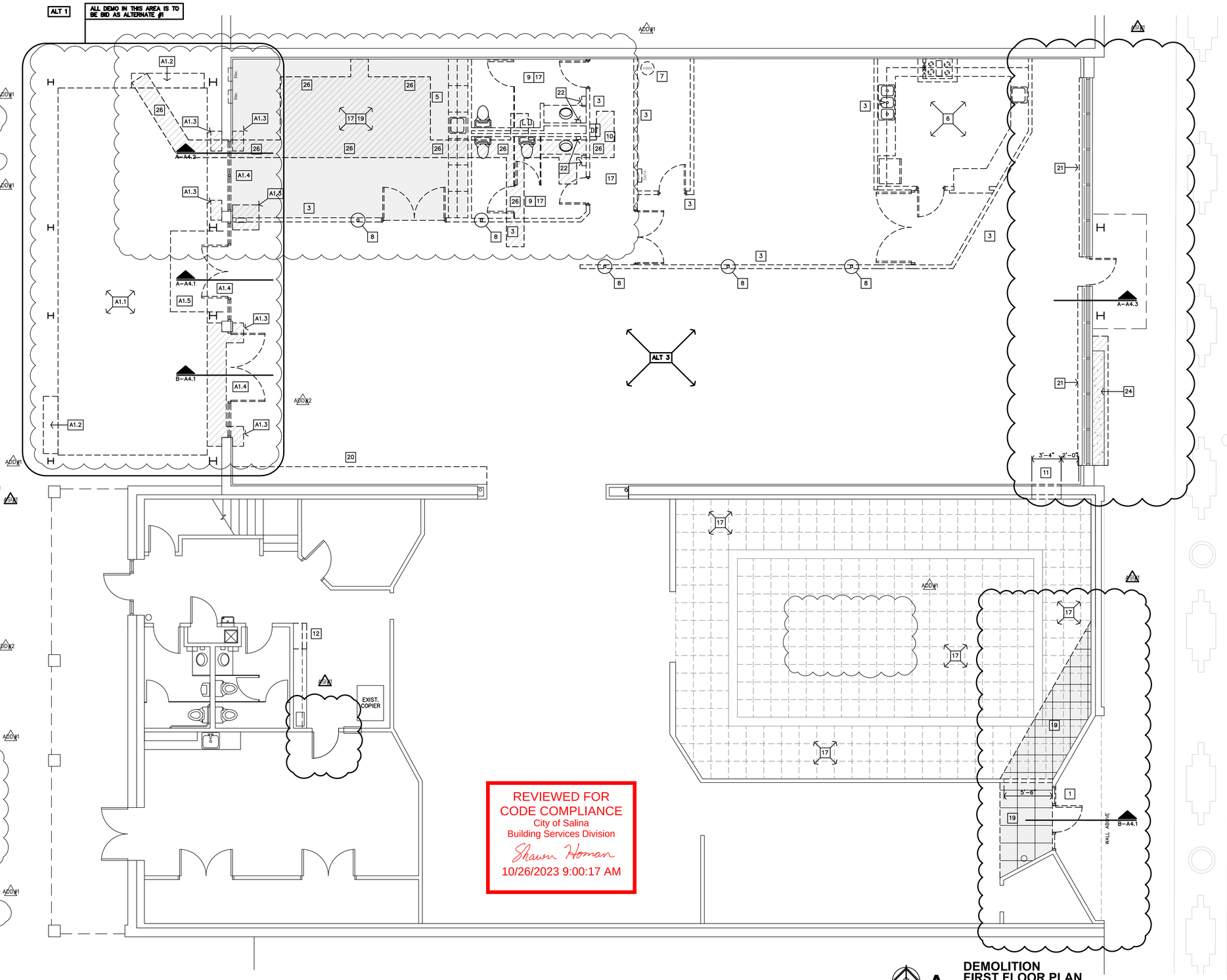
DEMO NOTES – ALTERNATES

ALT 1 ADD: DEMOLITION AT THE PATIO AND WEST ELEVATION WILL BE PART OF ALTERNATE #1. IN THE BASE BID, ALL EXISTING PATIO AND WEST ELEVATION CONDITIONS WILL REMAIN AS THEY ARE NOW. THIS INCLUDES RELATED SELECTIVE DEMOLITION; LOWER CANOPY COLUMN FOOTINGS; FLOOR SLAB PATCHING; MASONRY WALL MODIFICATION AND PATCHING; STEEL LINTELS; NEW STEEL UPPER CANOPIES; NEW STEEL LOWER CANOPIES AND COLUMNS; NEW CONCRETE PATIO PAVEMENT; NEW BRICK PAVERS; PATIO PLANTERS; PATIO GUARDRAILS; WEST EXTERIOR WALL MODIFICATIONS; NEW ALUMINUM WINDOWS F1/F2, C, D, AND E; NEW ALUMINUM STOREFRONT PAIR OF DOORS D13 AND SIDELIGHTS; NEW FOLDING GLASS DOOR D14; AND THE AIR CURTAIN AT THE FOLDING DOORS.

- A1.1 REMOVE PORTION OF EXISTING CONCRETE PATIO TO ALLOW FOR THE INSTALLATION OF NEW BRICK PAVERS AND CONCRETE SIDEWALK (SHOWN AS HATCHED AREA)
- A1.2 REMOVE PORTION OF EXISTING CONCRETE PATIO TO ALLOW FOR THE INSTALL OF NEW CONCRETE PLANTERS.
- A1.3 REMOVE PORTION OF EXISTING CONCRETE SLAB FLOORING FOR INSTALLATION OF NEW COLUMN FOOTINGS.
- A1.4 REMOVE EXISTING STOREFRONT SYSTEM AND PREP OPENING FOR INSTALLATION OF NEW WINDOW/STOREFRONT/BI-FOLD, ETC. REF. SHEET A2.1
- A1.5 REMOVE EXISTING CURVED CANOPY SYSTEM AND ASSOCIATED CABLES. COLUMNS TO REMAIN.

ALT 2 ALTERNATE #2 HAS BEEN ELIMINATED.

ALT 3 IN LIEU OF FLOOR SUBSTRATE PREPARATION AND APPLICATION OF AN OPAQUE URETHANE COATED CONCRETE FLOOR IN THE NORTH BUILDING, PROVIDE FLOOR SUBSTRATE PREPARATION AND INSTALLATION OF VCT FLOORING.



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A DEMOLITION FIRST FLOOR PLAN
3/16"=1'-0"

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MARGARET J. GILLAM LICENSED 6517 7-28-2023 KANSAS PROFESSIONAL ARCHITECT

REVISION:	
ADD#1	8-16-23
ADD#2	8-22-23
ASI#1	9-13-23
DATE:	7-28-2023
JOB:	21-3166
SHEET NO.:	

D2.1

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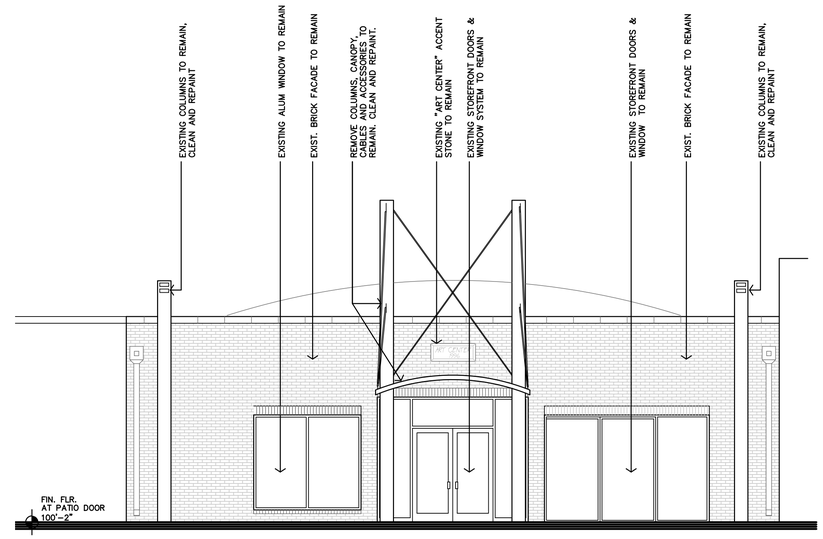
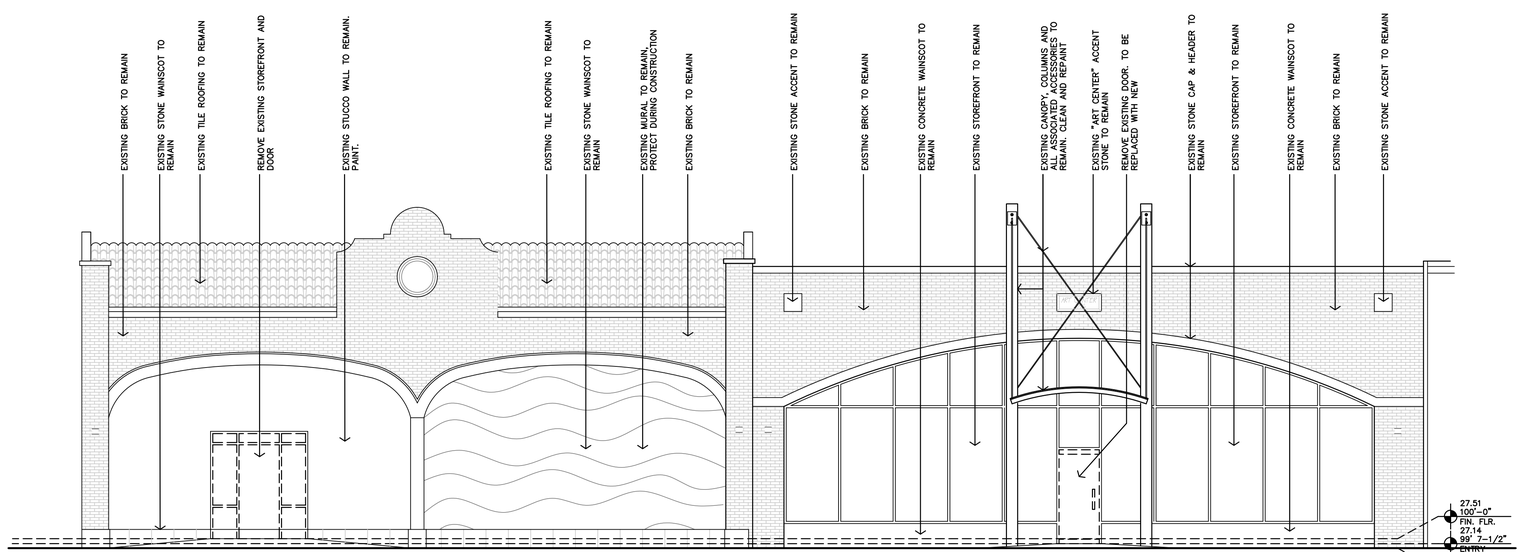
ENTIRE SHEET HAS BEEN UPDATED



B BASE BID
DEMO PATIO ELEVATION
@ THE FACADE WALL
3/16"=1'-0"



A BASE BID
DEMO SANTA FE FACADE
EAST ELEVATION
3/16"=1'-0"

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SALINA ART CENTER

NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM
LICENSED
6519
7-28-2023
KANSAS
PROFESSIONAL ARCHITECT

REVISION:	
1	9-13-23

DATE:	7-28-2023
JOB:	21-3166
SHEET NO.:	D2.2

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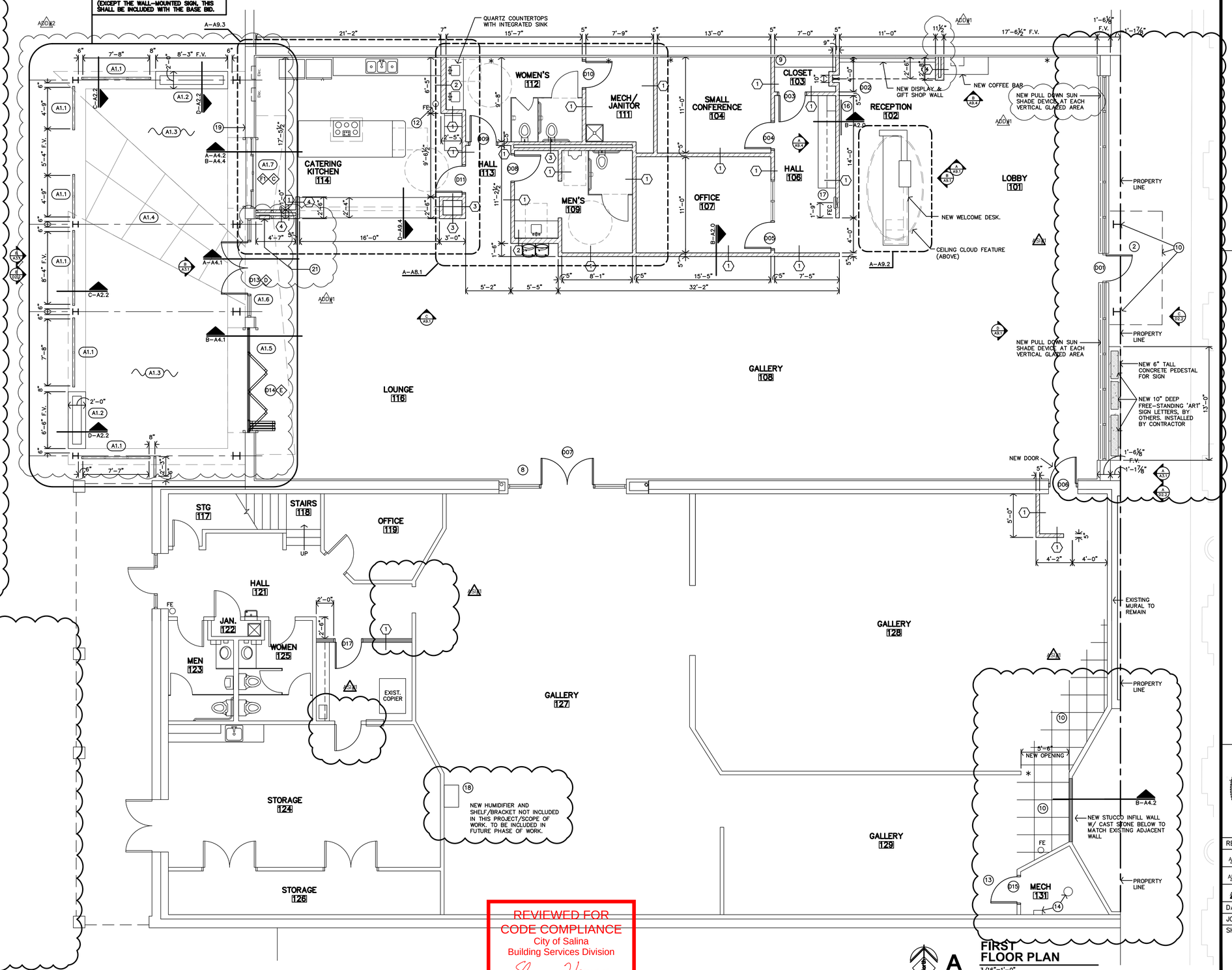
ARCHITECTURAL NOTES

REFERENCE SHEET A2.2 FOR ARCHITECTURAL NOTES, SYMBOLS AND LEGENDS

ALL WORK IN THIS AREA, AT PATIO & WEST WALL IS TO BE BID AS ALTERNATE #1 (EXCEPT THE WALL-MOUNTED SIGN, THIS SHALL BE INCLUDED WITH THE BASE BID.

DETAIL C HAS BEEN REMOVED.

DETAIL B HAS BEEN REMOVED.



REVIEWED FOR CODE COMPLIANCE
City of Salina
Building Services Division
Shawn Homan
10/26/2023 9:00:17 AM

A **FIRST FLOOR PLAN**
3/16"=1'-0"

JonesGillamRenz
730 N. Ninth
Salina, KS 67401
785.827.0386
1881 Main Street, Suite 301
Kansas City, MO 64108
jgr@jgrarchitects.com

SALINA ART CENTER

NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM LICENSED 6517 7-28-2023 KANSAS PROFESSIONAL ARCHITECT

REVISION:	
ADDN#1	8-16-23
ADDN#2	8-22-23
ASN#1	9-13-23
DATE:	7-28-2023
JOB:	21-3166
SHEET NO.:	

A2.1

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ARCHITECTURAL NOTES

LEGEND

- (1) DENOTES AN ALUMINUM WINDOW TYPE. REF. SHEET A10.2
- (D01) DENOTES A DOOR NUMBER. REF. SHEET A10.2
- (1) —— DENOTES AN INTERIOR PARTITION TYPE. REF. SHEET A2.2
- (A / A4.4) DENOTES AN ELEVATION CALL-OUT.
- (A) DENOTES A WINDOW TYPE. REF. SHEET A10.2

GENERAL:

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS & CONDITIONS.
2. INSTALL MATERIALS AND/OR FINISHES AS INDICATED, IMPLIED OR AS REQUIRED FOR COMPLETE & FINISHED INSTALLATION.
3. ALL WORK SHALL BE IN CONFORMANCE W/ APPLICABLE BUILDING CODES & ORDINANCES.
4. ALL NEW CONSTRUCTION SHALL BE IN CONFORMANCE TO ADA REQUIREMENTS. REF. ADA FOR TYPICAL MINIMUM CLEARANCE REQ.
5. ALL NEW DOOR HARDWARE SHALL BE LEVER TYPE LATCH SETS UNLESS NOTED OTHERWISE. COORDINATE W/ MFR. COORDINATE KEYING REQUIREMENTS WITH OWNER.
6. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS AND FIELD CONDITIONS, NOTIFY ARCHITECT. PRIOR TO PROCEEDING WITH WORK SO THAT ANY ISSUES MAY BE CLARIFIED.
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. AT ALL CERAMIC, SHEET VINYL, AND LVT FLOORS: INSTALL MINIMUM 1/8" FLOOR UNDERLAYMENT BOARD OVER EXISTING PLYWOOD SUB-FLOOR. UNDERLAYMENT SHALL BE TYPE RECOMMENDED/APPROVED BY FLOORING MFR. ATTACH UNDERLAYMENT PER MFR. RECOMMENDATIONS.
9. REFERENCE SHEET A2.2 FOR PARTITION TYPES
10. ALL EXISTING DOOR FRAMES (WOOD & H.M.): SAND SMOOTH AND PAINT.
11. EXTERIOR WORK: MISCELLANEOUS TUCKPOINTING AND REMOVE CAULKING AT CONTROL/EXPANSION JOINTS, WINDOW & DOORS. CLEAN AND PREP FOR NEW. CAULK & MORTAR ALL VOIDS WATER TIGHT. CONTRACTOR TO F.V. ANY & ALL LOCATIONS
12. AT ALL EXISTING WOOD WINDOW SILLS: SAND SMOOTH AND REFINISH.
13. FE – INDICATES LOCATION OF WALL-MOUNTED FIRE EXTINGUISHER
14. FEC – INDICATES LOCATION OF RECESSED FIRE EXTINGUISHER CABINET. REF SPECS. AND DETAILS F/G-A2.2 FIRE EXTINGUISHERS SHALL BE INSTALLED & PROVIDED IN ACCORDANCE W/ NFPA 10 & 2012 IBC, SECTION 906.
15. MHO – INDICATES DOOR WITH MAGNETIC HOLD OPEN.SECTION 906.

* NOTES AREAS WHERE WALLS NEED TO BE PATCHED, REPAIRED AND REFINISHED DUE TO THE REMOVAL OF EXISTING WALLS. REFERENCE DEMO PLANS. FOR FINAL FINISHES, REFERENCE INTERIOR FINISH SCHEDULE ON A10.1

FLOOR PLAN NOTES – BASE BID

1. EXISTING COLUMNS, CANOPY, CABLES, ETC. TO REMAIN. CLEAN AND REPAINT.
2. INSTALL NEW CODE COMPLIANT EGRESS DOOR. NEW DOOR SHALL HAVE ADA ACCESSIBLE HARDWARE & PANIC BAR.
3. NOTE NOT USED
4. NOTE NOT USED
5. NOTE NOT USED
6. NOTE NOT USED
7. NOTE NOT USED
8. NOTE NOT USED
9. INSTALL NEW ADJUSTABLE SHELF SYSTEM. (5) SHELVES TOTAL, 12" DEEP
10. INSTALL NEW FLOORING. REFERENCE FINISHED FLOOR PLAN & SCHEDULE ON SHEET A10.1
11. RELOCATED FIRE EXTINGUISHER
12. NEW WALL-MOUNTED FIRE EXTINGUISHER
13. EXISTING DOOR OPENING. INSTALL NEW DOOR AND FRAME TO FIT OPENING.
14. EXISTING WATER VALUE SHUT OFF AND PIPE STUB OUT FOR FUTURE SPRINKLER SYSTEM TO REMAIN.
15. EXISTING FIRE ALARM PANEL TO REMAIN
16. NEW PIN-MOUNTED LOGO SIGN
17. NEW FIRE EXTINGUISHER AND CABINET
18. NEW 20"x31" SHELF & BRACKETS (PAINT TO MATCH WALL) TO HOLD NEW HUMIDIFYING DRIP PAN. COORDINATE WITH LOCATION OF HUMIDIFIER AND MEP DRAWINGS AND NOTES.
19. INSTALL NEW WALL-MOUNTED PATIO SIGN ABOVE WINDOW. REFERENCE SHEET A2.1. PART OF BASE BID.
20. NOTE NOT USED
21. EXISTING ELEC. PANEL TO REMAIN. BUILD WALL AROUND PANEL, MAINTAIN ACCESSIBILITY

FLOOR PLAN NOTES – ALTERNATES

ALT 1 ADD: DEMOLITION AT THE PATIO AND WEST ELEVATION WILL BE PART OF ALTERNATE #1. IN THE BASE BID, ALL EXISTING PATIO AND WEST ELEVATION CONDITIONS WILL REMAIN AS THEY ARE NOW.. THIS INCLUDES RELATED SELECTIVE DEMOLITION; LOWER CANOPY COLUMN FOOTINGS; FLOOR SLAB PATCHING; MASONRY WALL MODIFICATION AND PATCHING; STEEL LINTELS; NEW STEEL UPPER CANOPIES; NEW STEEL LOWER CANOPIES AND COLUMNS; NEW CONCRETE PATIO PAVEMENT; NEW BRICK PAVERS; PATIO PLANTERS; PATIO GUARDRAILS; WEST EXTERIOR WALL MODIFICATIONS; NEW ALUMINUM WINDOWS-FL/T2-C, D, AND E; NEW ALUMINUM STOREFRONT PAIR OF DOORS D13 AND SIDELIGHTS; NEW FOLDING GLASS DOOR D14; AND THE AIR CURTAIN AT THE FOLDING DOORS.

- (A1.1) NEW STEEL RAILING WITH CABLES. REF. DETAIL E-A9.4
- (A1.2) NEW CONCRETE PLANTER
- (A1.3) NEW BRICK PAVERS, (HERRINGBONE INSTALL PATTERN) REF. DETAIL C-A2.2. & FLOOR FINISH PLANS ON SHEET A10.1
- (A1.4) NEW COLORED CONCRETE SIDEWALK WITH CUT JOINT PATTERN AS SHOWN. (REF. FLOOR FINISH PLANS ON SHEET A10.1)
- (A1.5) NEW MANKO 2400I HEAVY-DUTY BI-FOLD DOOR SYSTEM. REFERENCE DOOR SCHEDULE AND SPECIFICATIONS
- (A1.6) NEW ALUM. STOREFRONT SYSTEM. REFERENCE DOOR SCHEDULE
- (A1.7) NEW WALK-UP SERVICE COUNTERTOP WITH SLIDING GLASS WINDOW. REFERENCE WINDOW SCHEDULE AND DETAILS A-A4.2

ALT 2 ALTERNATE #2 HAS BEEN ELIMINATED.

ALT 3 IN LIEU OF FLOOR SUBSTRATE PREPARATION AND APPLICATION OF AN OPAQUE URETHANE COATED CONCRETE FLOOR IN THE NORTH BUILDING, PROVIDE FLOOR SUBSTRATE PREPARATION AND INSTALLATION OF VCT FLOORING.

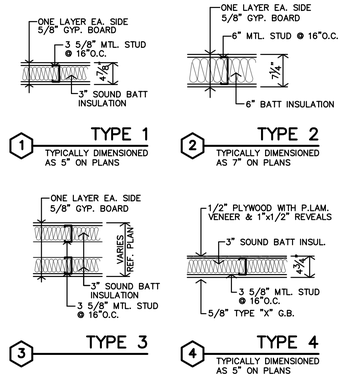
ALT 4 INSTALL PLASTIC LAMINATE COUNTERTOPS AT KITCHEN #114 (AT ISLAND, AND AT THE NORTH WALL CABINETS) IN LIEU OF QUARTZ. BAR/LOUNGE #116 COUNTERTOP NOT INCLUDED IN THIS ALTERCATE.

INTERIOR PARTITION SCHEDULE

- 5/8" TYPE "X" G.B. AT ALL AREAS
- MOISTURE RESISTANT G.B. AT ALL WET WALLS.
- 5/8" SOUND DEADENING SHEET ROCK AT INTERIOR WALLS OF CONF. RM #104, OFFICE #107, MEN'S RR #109, AND WOMEN'S RR #112

HATCH ON PLAN INDICATES FULL HEIGHT WALL (TO UNDERSIDE OF DECK)

HATCH ON PLAN INDICATES WALL HEIGHT 10'-8" A.F.F.



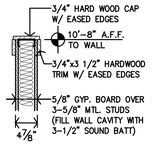
1 TYPE 1 — TYPICALLY DIMENSIONED AS 5" ON PLANS

2 TYPE 2 — TYPICALLY DIMENSIONED AS 7" ON PLANS

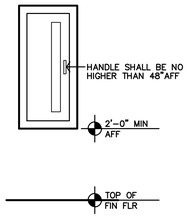
3 TYPE 3

4 TYPE 4 — TYPICALLY DIMENSIONED AS 5" ON PLANS

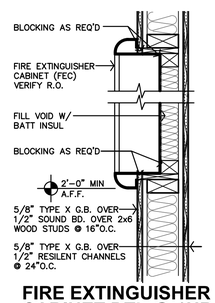
TOP OF WALL DETAILS



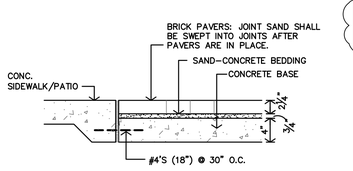
TYPICAL



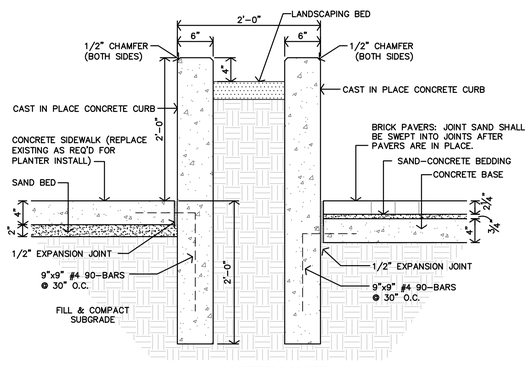
G **TYPICAL FEC MOUNTING HGT**
3/4"=1'-0"



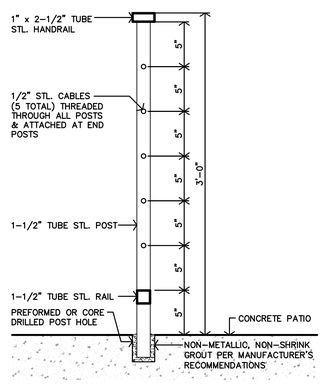
F **FIRE EXTINGUISHER CABINET DTL @ 1HR WALL**
1 1/2"=1'-0"



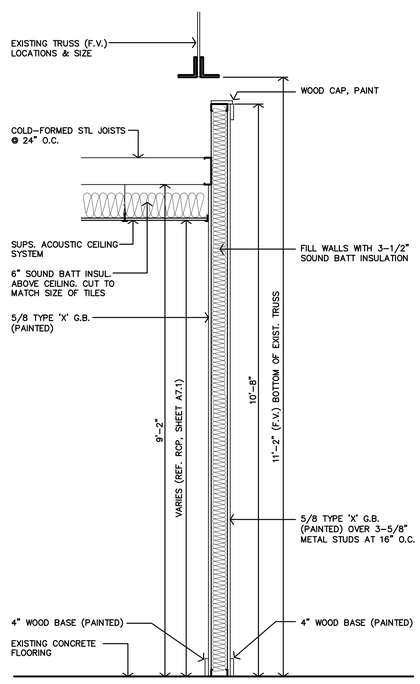
E **ALTERNATE #1 OUTDOOR PATIO PAVER SECTION**
1"=1'-0"



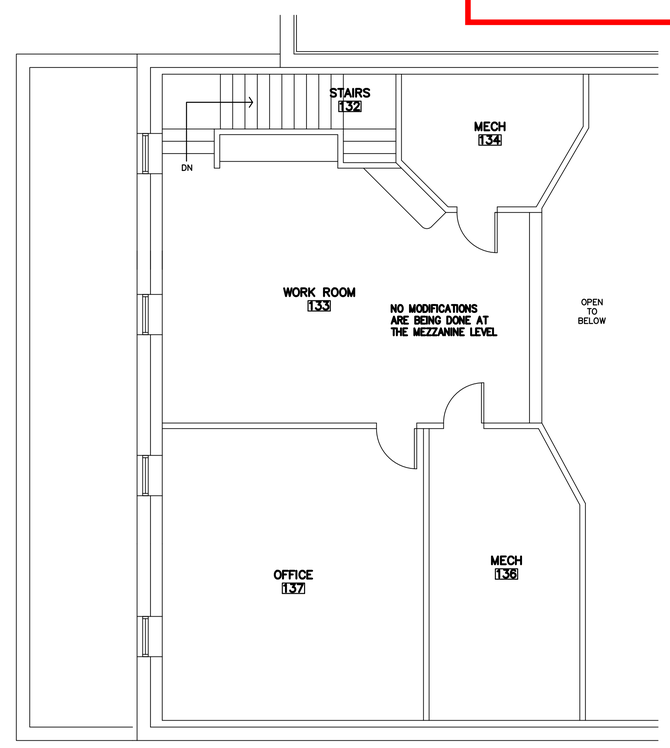
D **ALTERNATE #1 OUTDOOR PATIO PLANTER SECTION**
1"=1'-0"



C **ALTERNATE #1 OUTDOOR PATIO RAILING SECTION**
1-1/2"=1'-0"



B **LOW WALL & CEILING DETAIL**
3/4"=1'-0"



A **MEZZANINE FLOOR PLAN**
3/16"=1'-0"

REVIEWED FOR CODE COMPLIANCE
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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM LICENSED 6510 7-28-2023 KANSAS PROFESSIONAL ARCHITECT

REVISION:	
A2.0 #1	8-16-23
A2.0 #2	8-21-23
A2.1 #1	9-13-23
DATE:	7-28-2023
JOB:	21-3166
SHEET NO.:	

A2.2

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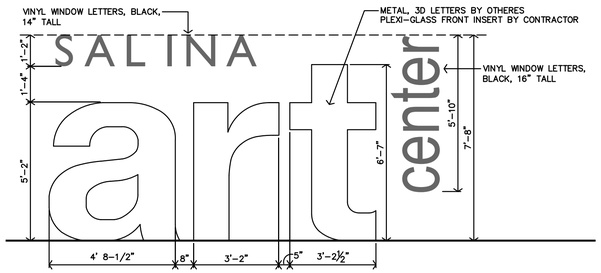
ENTIRE SHEET HAS BEEN UPDATED

NOTE: WEST WALL FINISHED FLOOR ELEVATION AT NORTH BUILDING IS APPROX. 2" HIGHER THAN FINISHED FLOOR ELEVATION AT EAST WALL OF NORTH BUILDING

NOTE: NEW 'SALINA ART CENTER' PATIO SIGN IS TO BE INSTALLED PER BASE BID

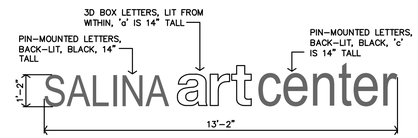


*VERIFY ALL FONT TYPES AND SIZES WITH OWNER
*TOTAL SIGN SF = 110 SF

D SANTA FE SIGN DETAIL
1/2"=1'-0"

*VERIFY ALL FONT TYPES AND SIZES WITH OWNER
*TOTAL SIGN SF = 7 SF
*2 SIGNS TOTAL

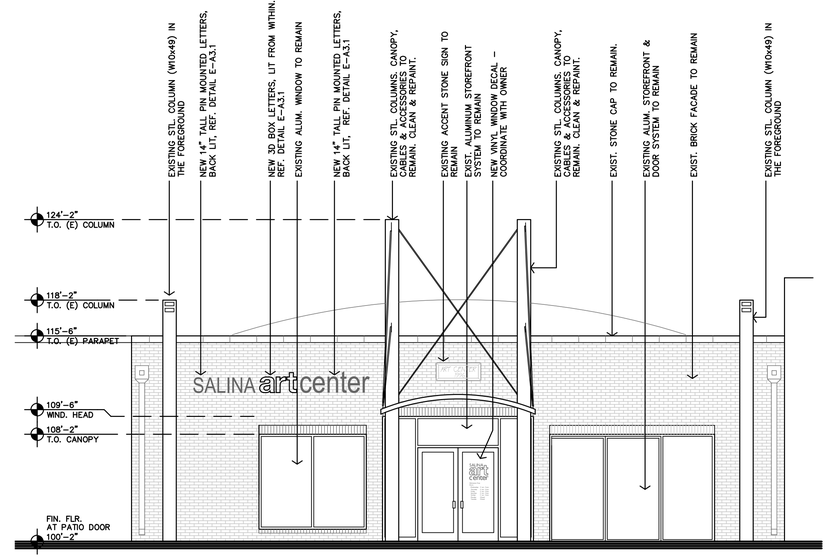
F INFORMATION SIGN
1"=1'-0"



*VERIFY ALL FONT TYPES AND SIZES WITH OWNER
*TOTAL SIGN SF = 18 SF

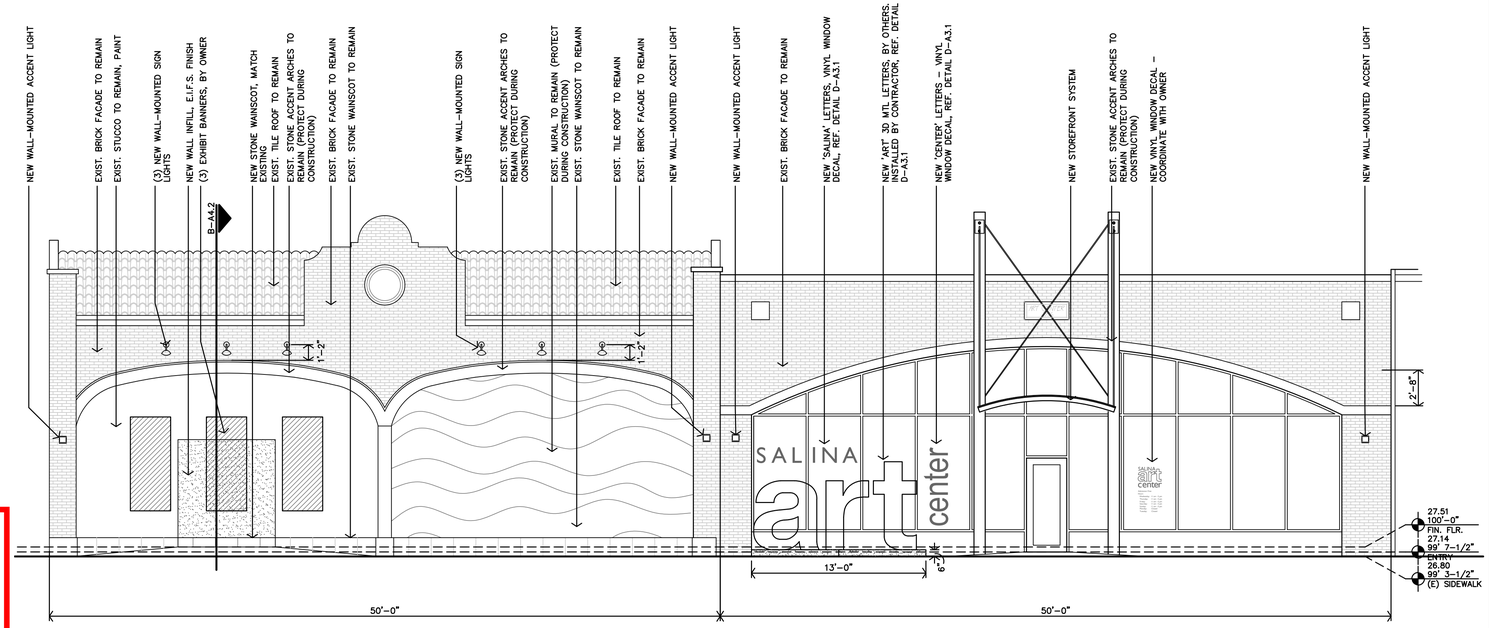
E PATIO SIGN
1/2"=1'-0"

NOTE: NEW 'SALINA ART CENTER' PATIO SIGN IS TO BE INSTALLED PER BASE BID



* CANOPY NOT SHOWN FOR CLARITY
** COLUMNS SHOWN DASHED

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



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

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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM
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6519
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KANSAS
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ADDN 1	8-16-23
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ASI 1	9-13-23
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SHEET NO.:	A3.1

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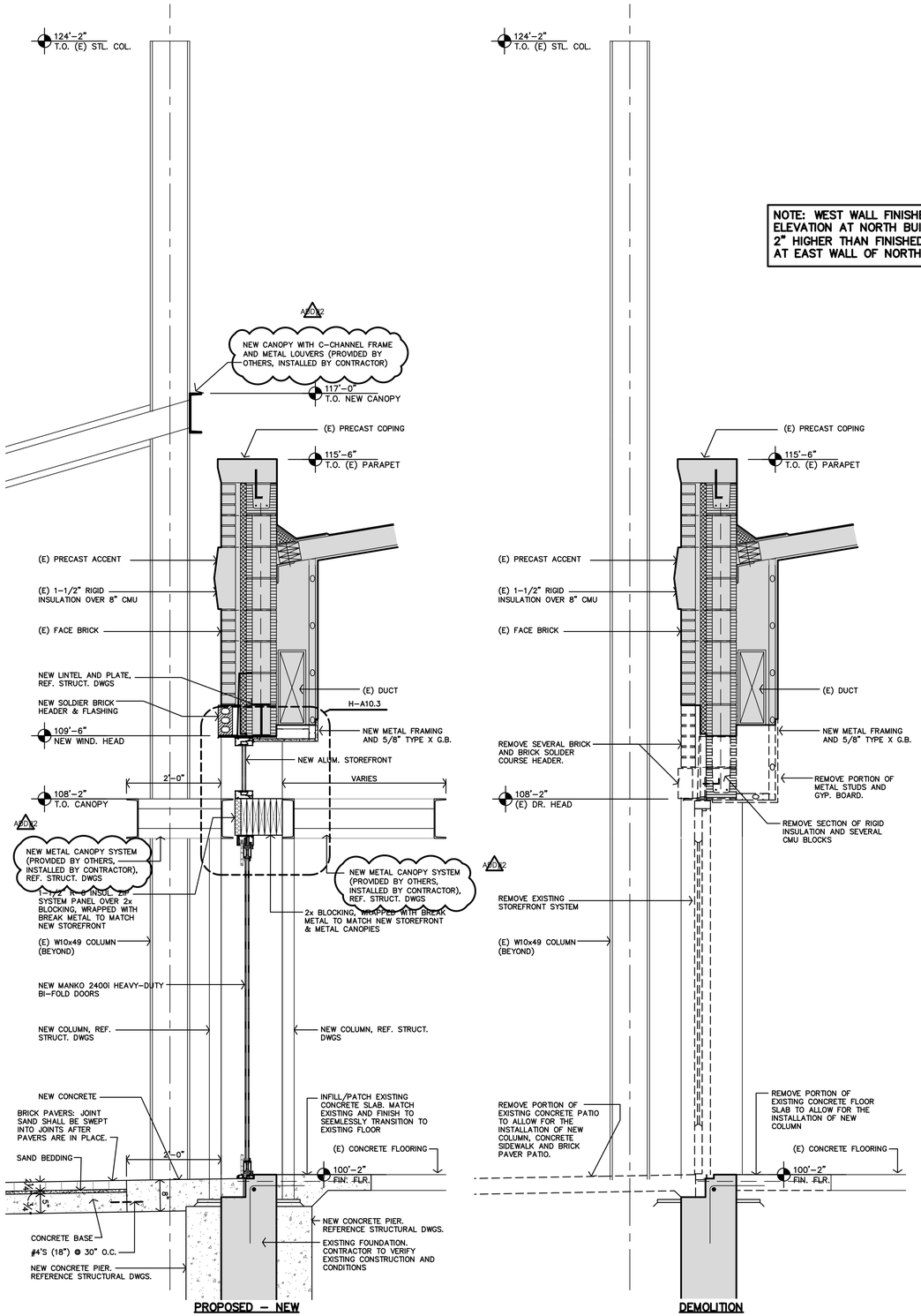
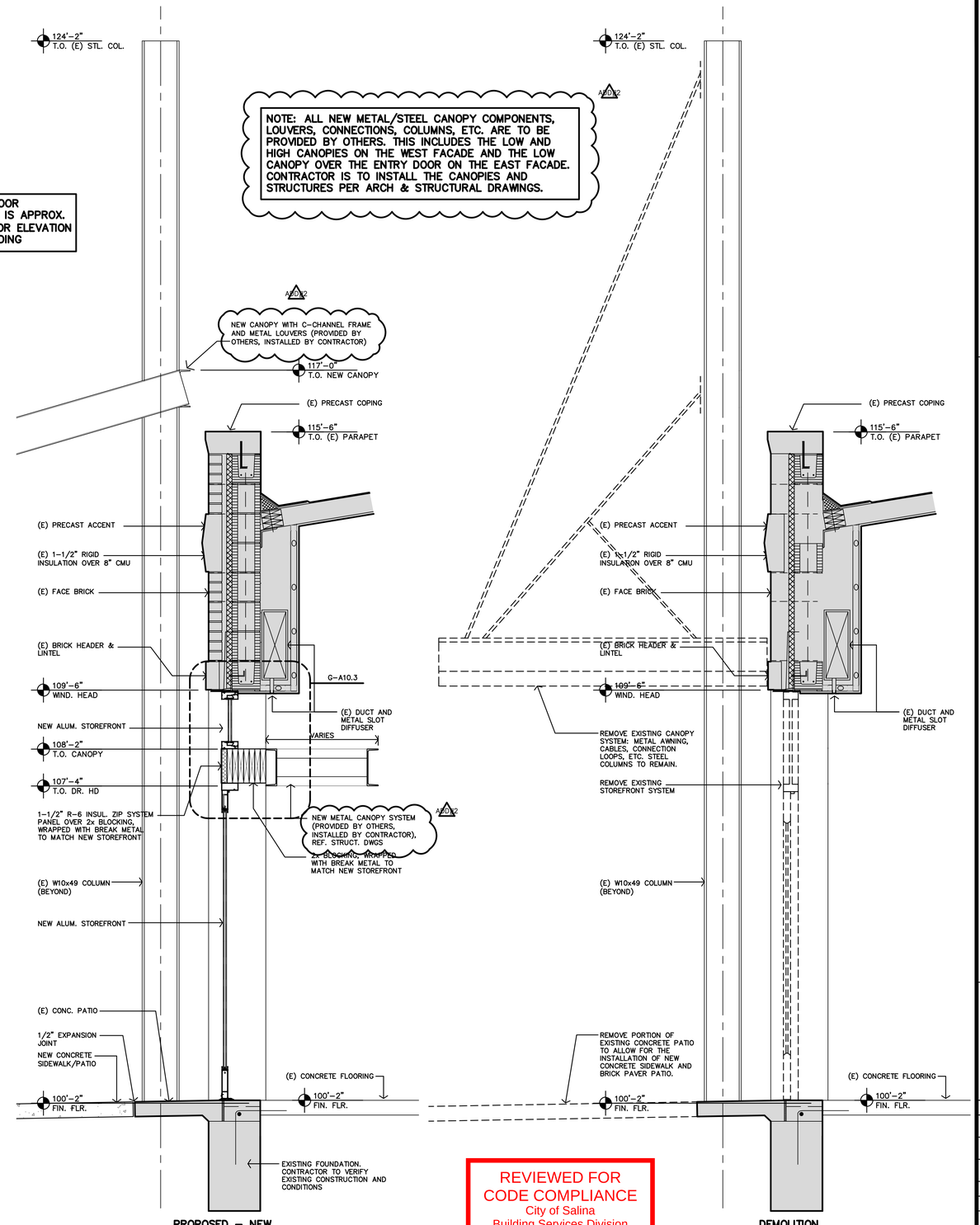


B WALL SECTION - ALTERNATE #1

1/2"=1'-0"



A WALL SECTION - ALTERNATE #1

1/2"=1'-0"

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MARGARET J. GILLAM
6519
7-28-2023
KANSAS
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REVISION:	
A10.2	8-21-23

DATE:	7-28-2023
JOB:	21-3166
SHEET NO.:	A4.1

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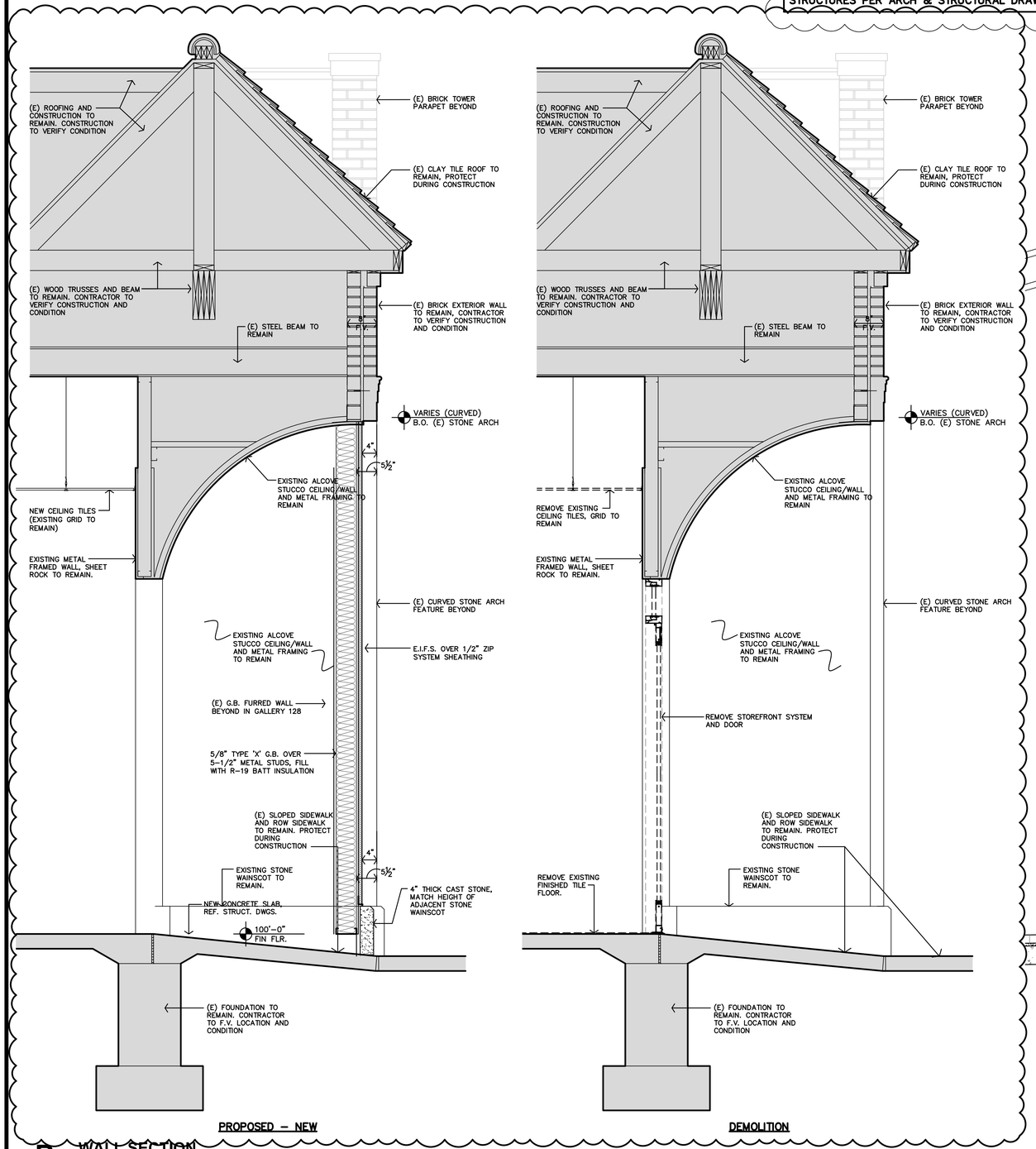
NOTE: ALL NEW METAL/STEEL CANOPY COMPONENTS, LOUVERS, CONNECTIONS, COLUMNS, ETC. ARE TO BE PROVIDED BY OTHERS. THIS INCLUDES THE LOW AND HIGH CANOPIES ON THE WEST FACADE AND THE LOW CANOPY OVER THE ENTRY DOOR ON THE EAST FACADE. CONTRACTOR IS TO INSTALL THE CANOPIES AND STRUCTURES PER ARCH & STRUCTURAL DRAWINGS.

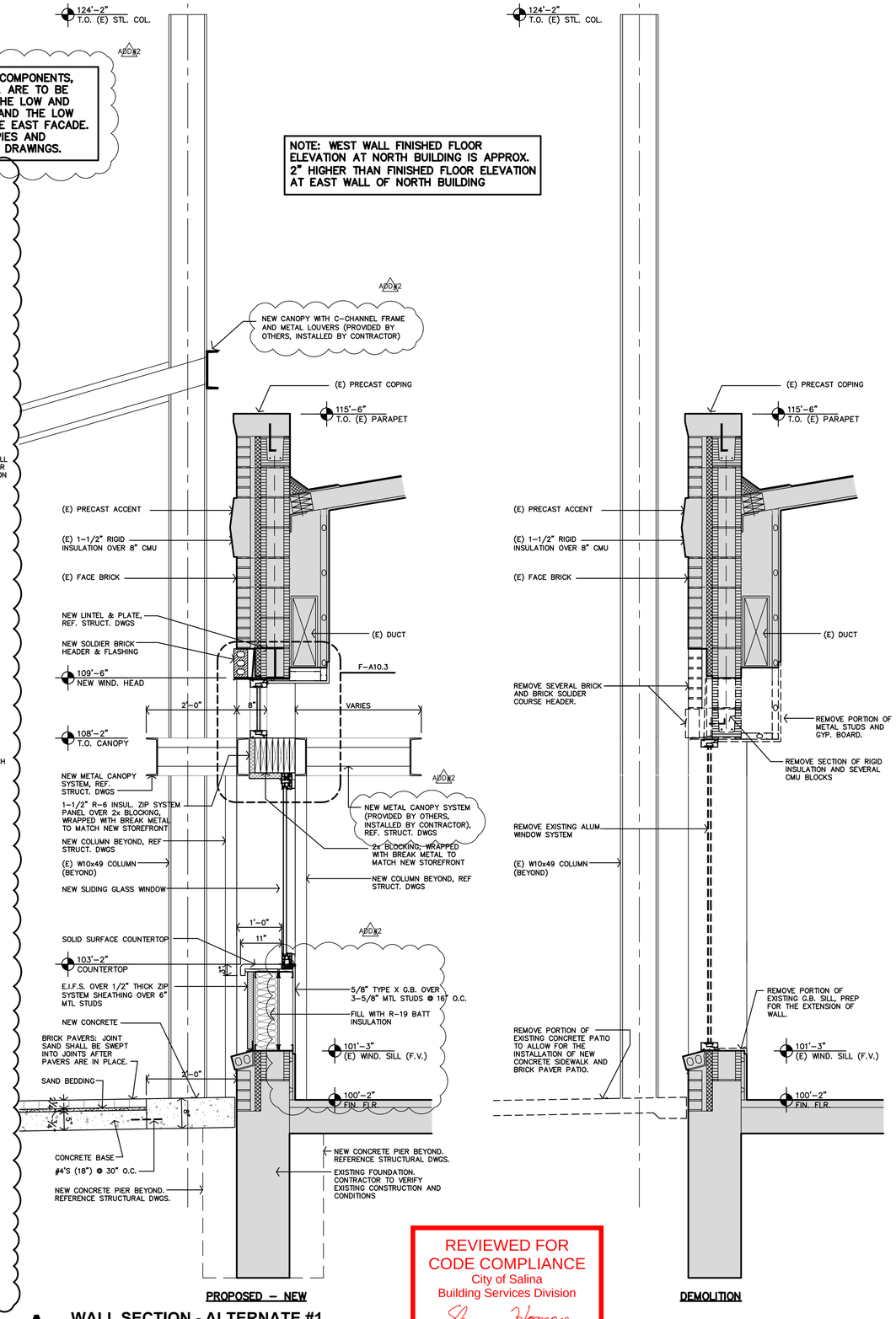


PROPOSED – NEW

DEMOLITION

B WALL SECTION
1/2"=1'-0"

NOTE: WEST WALL FINISHED FLOOR ELEVATION AT NORTH BUILDING IS APPROX. 2" HIGHER THAN FINISHED FLOOR ELEVATION AT EAST WALL OF NORTH BUILDING



PROPOSED – NEW

DEMOLITION

A WALL SECTION - ALTERNATE #1
1/2"=1'-0"

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10/26/2023 9:00:17 AM

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6519
7-28-2023
KANSAS
PROFESSIONAL ARCHITECT

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2	8-21-23
3	9-13-23

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SHEET NO.:	A4.2

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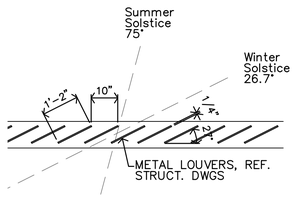
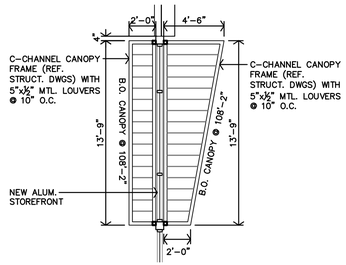
NOTE: ALL NEW METAL/STEEL CANOPY COMPONENTS, LOUVERS, CONNECTIONS, COLUMNS, ETC. ARE TO BE PROVIDED BY OTHERS. THIS INCLUDES THE LOW AND HIGH CANOPIES ON THE WEST FACADE AND THE LOW CANOPY OVER THE ENTRY DOOR ON THE EAST FACADE. CONTRACTOR IS TO INSTALL THE CANOPIES AND STRUCTURES PER ARCH & STRUCTURAL DRAWINGS.

ADD#2



D ALTERNATE #1 REAR UPPER CANOPY LOUVER DETAIL

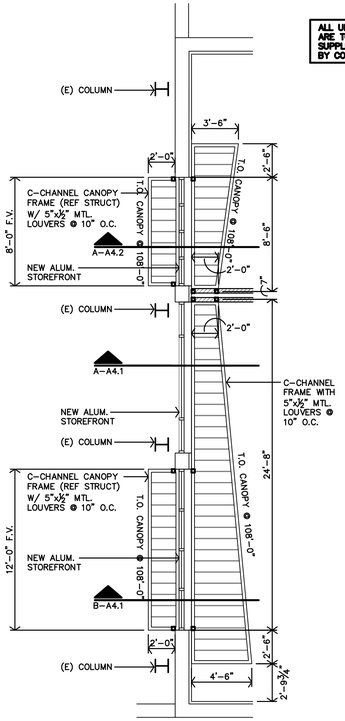
1"=1'-0"



C ENTRY CANOPY PLAN

3/16"=1'-0"

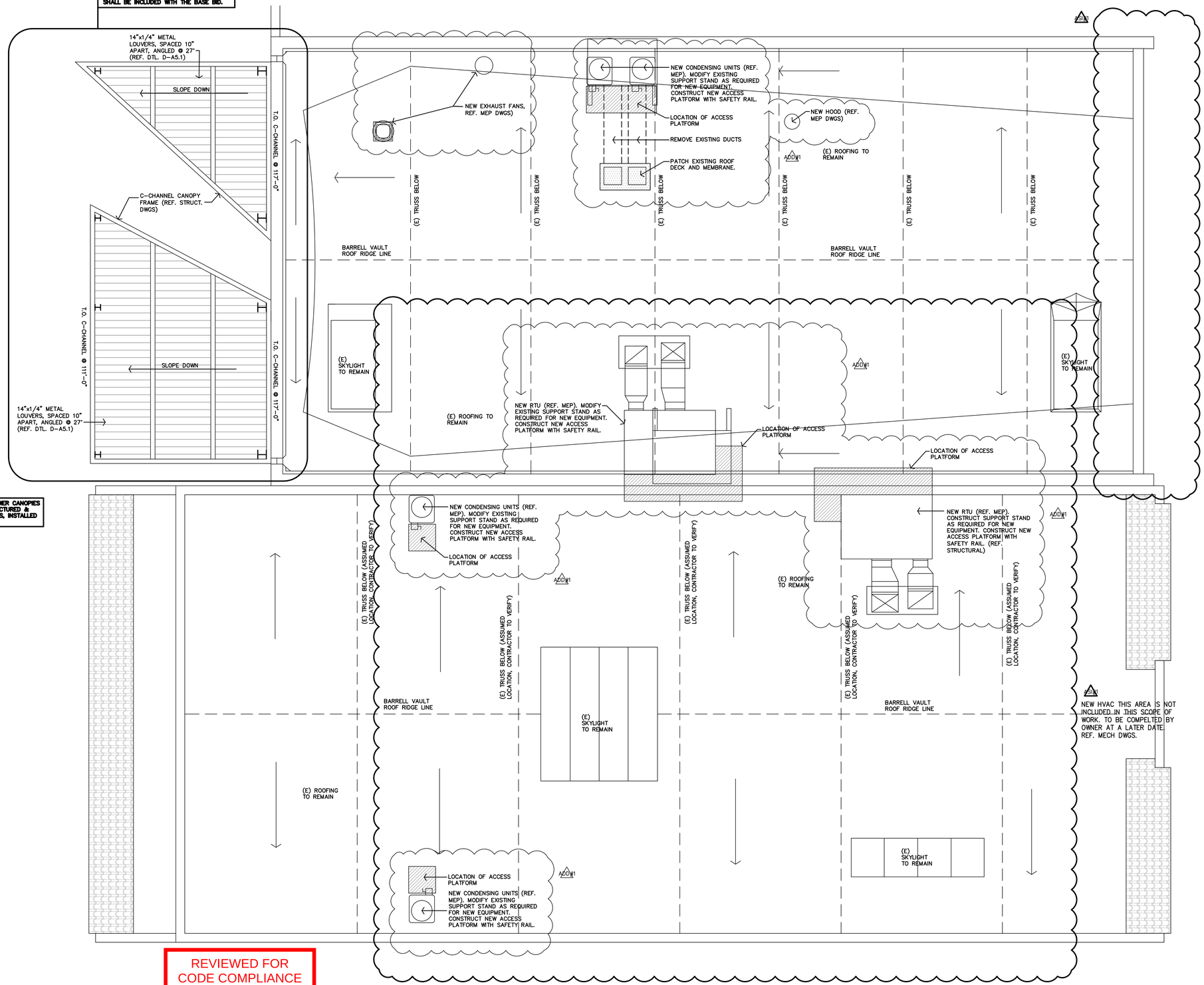
ALL UPPER AND LOWER CANOPIES ARE TO BE MANUFACTURED & SUPPLIED BY OTHERS, INSTALLED BY CONTRACTOR.



B ALTERNATE #1 PATIO (LOWER) CANOPY PLAN

3/16"=1'-0"

ALL WORK IN THIS AREA, AT PATIO & WEST WALL IS TO BE BID AS ALTERNATE #1 (EXCEPT THE WALL-MOUNTED SIGN. THIS SHALL BE INCLUDED WITH THE BASE BID.



A ROOF & CANOPY PLAN

3/16"=1'-0"

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REVISION:	
ADD#1	8-16-23
ADD#2	8-21-23
ASI#1	8-21-23
DATE:	7-28-2023
JOB:	21-3166
SHEET NO.:	

A5.1

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ALL WORK IN THIS AREA, AT PATIO & WEST WALL IS TO BE BID AS ALTERNATE #1 (EXCEPT THE WALL-MOUNTED SIGN, THIS SHALL BE INCLUDED WITH THE BASE BID.

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/ELCTRICAL 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.

SPECIFIC CEILING NOTES

1. EXISTING PRESSED METAL CEILING AND MOLDING TO REMAIN. PROTECT DURING CONSTRUCTION.
2. INSTALL NEW SUSPENDED G.B. CEILING WITH R-38 KRAFT-FACED INSULATION ABOVE.
3. INSTALL 6" SOUND BATT INSULATION ABOVE CEILING AT NEW SUSPENDED CEILINGS ON NORTH SIDE OF BUILDING. CUT TO MATCH SIZE OF NEW 2x2 CEILING TILES. A2.0/N1
4. INSTALL NEW 2x2 CEILING TILES & GRID WITH NEW R-38 KRAFT-FACED INSULATION ABOVE. MATCH CEILING HEIGHT OF EXISTING CEILING SYSTEMS.
5. NEW G.V. BULK HEAD. MATCH HEIGHT OF EXISTING ADJACENT BULKHEAD
6. EXISTING, WRAPPED TRUSSES AND LIGHTING SYSTEM TO REMAIN.
7. EXISTING SKYLIGHT TO REMAIN. CONTRACTOR TO INSTALL NEW WEATHER STRIPPING AND CAULKING ON EXTERIOR. CLEAN GLASS AND FRAME ON INTERIOR, WIPE DOWN AND CLEAN ADJACENT WALLS.
8. ABOVE CEILING, EXTEND WALL TO UNDERSIDE OF ROOF DECK. FILL WALL CAVITY WITH KRAFT-FACED INSULATION. (KRAFT SIDE FACING OUT).
9. NEW G.B. SOFFIT FOR NEW WATER LINE – CONSTRUCT BELOW NEW CEILING (WITHIN CONDITIONED SPACE). COORDINATE WITH MEP DRAWINGS.
10. AT NEW WALL, MODIFY CEILING SYSTEM ON BOTH SIDES TO ALLOW FOR INSTALLATION OF NEW WALL.
11. NOTE NOT USED
12. INSTALL NEW G.B. SOFFIT FOR NEW MECHANICAL DUCTWORK. A2.0/N1
13. EXISTING GYP BOARD SOFFIT/BULKHEAD TO REMAIN. A2.0/N1

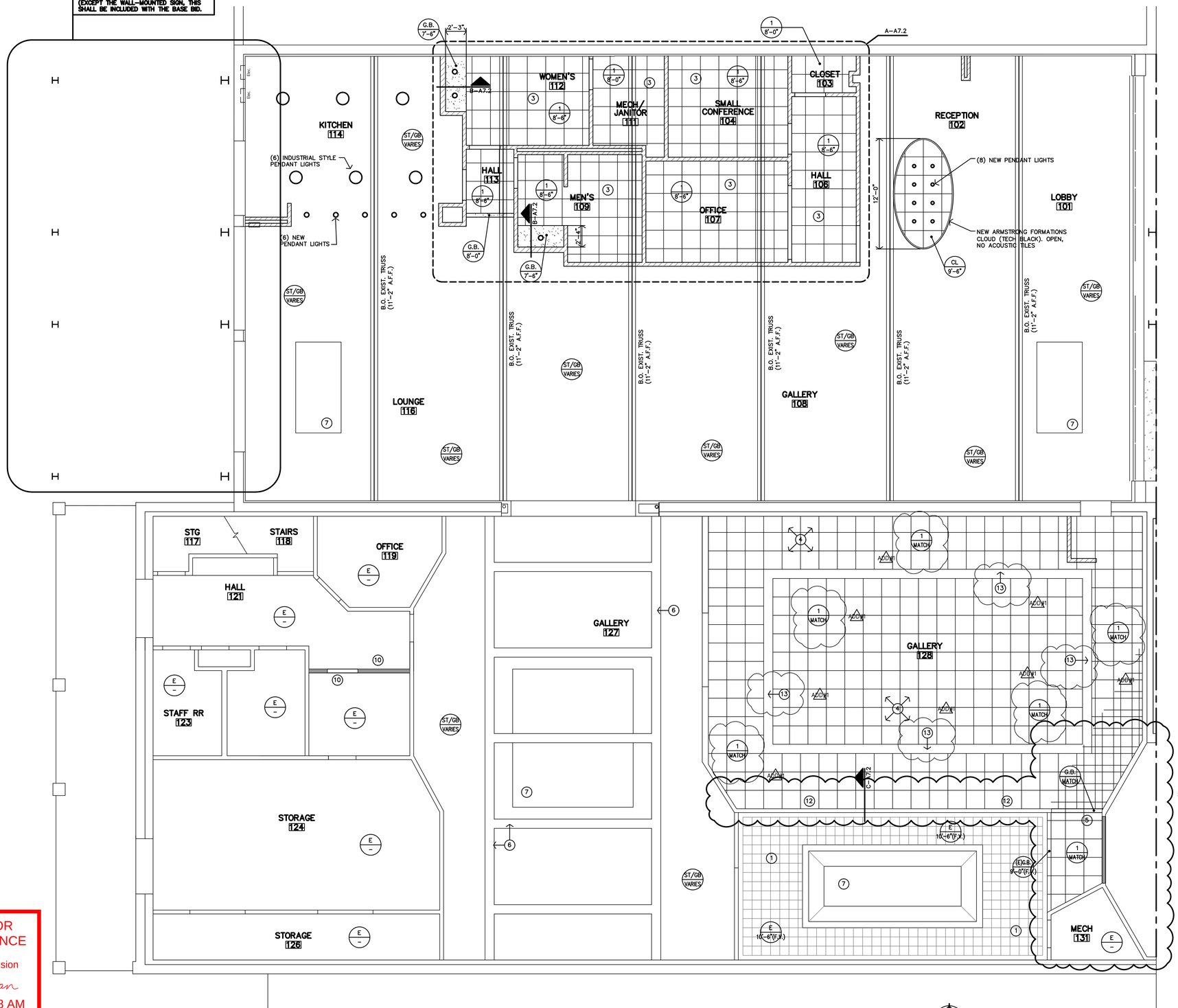
CEILING TYPES

REFER SPECIFICATIONS

1	2x2 ACOUSTIC LAY-IN TILES & GRID
GB	GYP BD (PAINTED)
CL	FORMATIONS CLOUD
ST	EXPOSED STRUCTURE
E	EXISTING – NO WORK

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

A2.0/N1



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A REFLECTED CEILING PLAN
3/16"=1'-0"

JonesGillamRenz
730 N. Ninth
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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM 6517 7-28-2023 KANSAS PROFESSIONAL ARCHITECT

REVISION:	
A2.0/N1	8-16-23
A2.1/N1	9-13-23

DATE:	7-28-2023
JOB:	21-3166
SHEET NO.:	

A7.1

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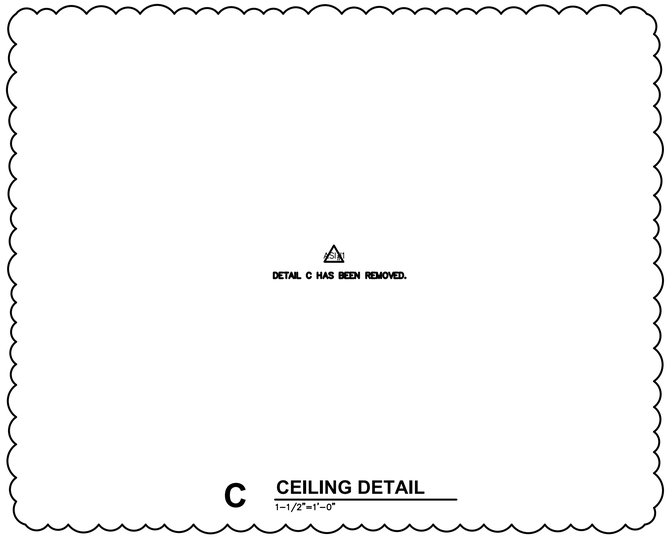
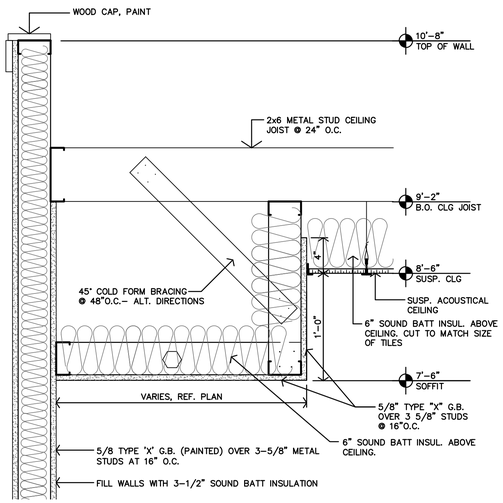


C CEILING DETAIL
1-1/2"=1'-0"



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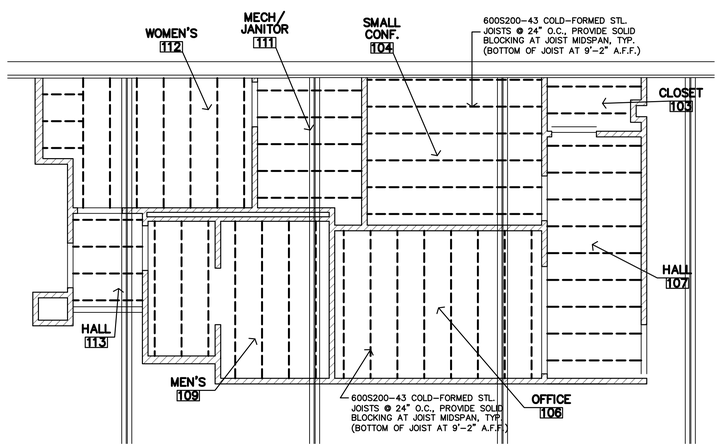

A SUSPENDED CEILLING FRAMING PLAN
3/16"=1'-0"

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MARGARET J. GILLAM
LICENSED
6517
7-28-2023
KANSAS
PROFESSIONAL ARCHITECT

REVISION:	
1	9-13-23

DATE:	7-28-2023
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SHEET NO.:	

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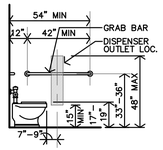
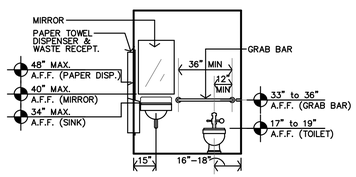
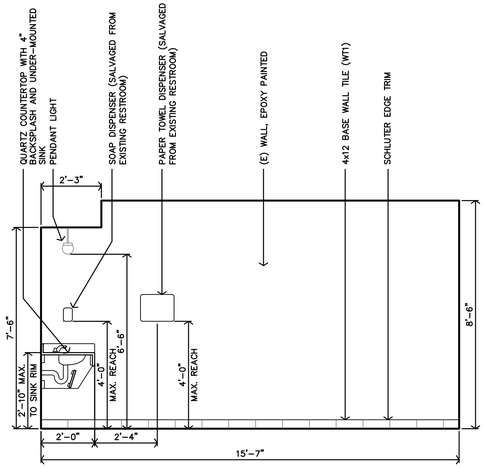


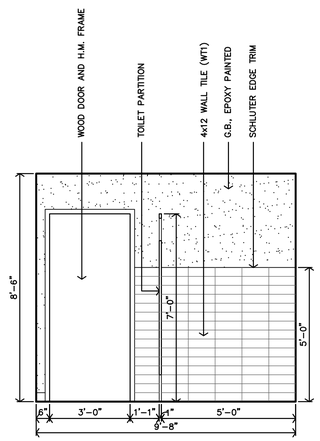
J TYP. HEIGHTS @ H.C. TOILET SIDE WALL
1/4"=1'-0" FOR ACCESSIBLE HEIGHTS



H TYP. HEIGHTS @ H.C. TOILET REAR WALL
1/4"=1'-0" FOR ACCESSIBLE HEIGHTS



L WOMEN'S #112 INTERIOR ELEVATION
3/8"=1'-0"



K WOMEN'S #112 INTERIOR ELEVATION
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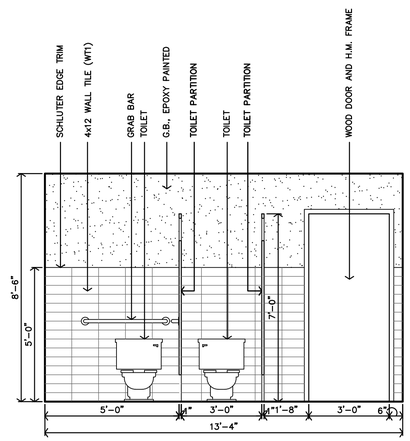
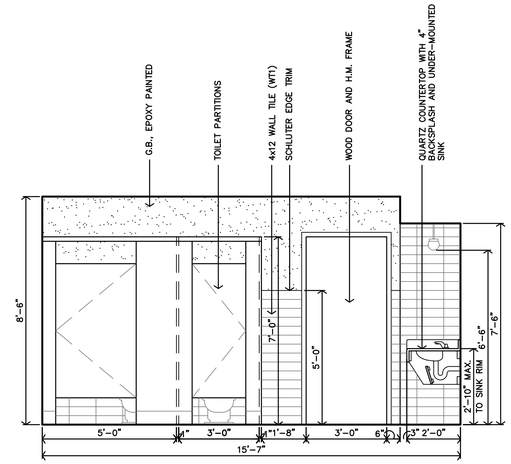


J WOMEN'S #112 INTERIOR ELEVATION
3/8"=1'-0"



H WOMEN'S #112 INTERIOR ELEVATION
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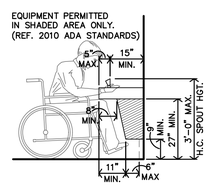
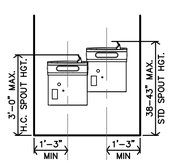
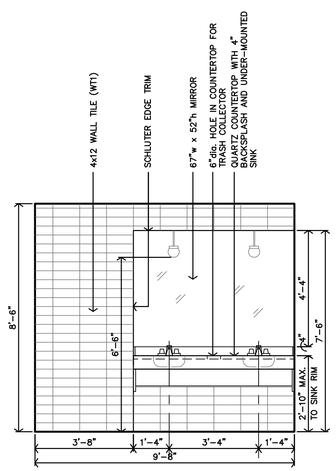


L DRINKING FOUNTAIN DETAIL
3/8"=1'-0" FOR HC HEIGHTS



N DRINKING FOUNTAIN ELEVATION
3/8"=1'-0" FOR HC HEIGHTS



G WOMEN'S #112 INTERIOR ELEVATION
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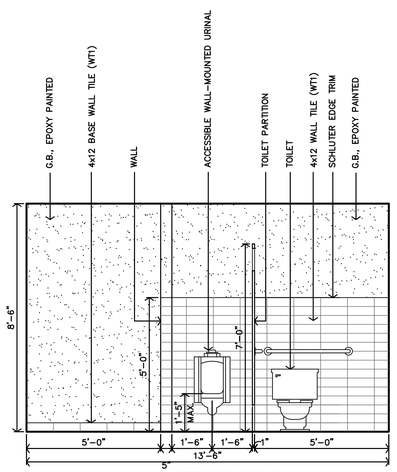
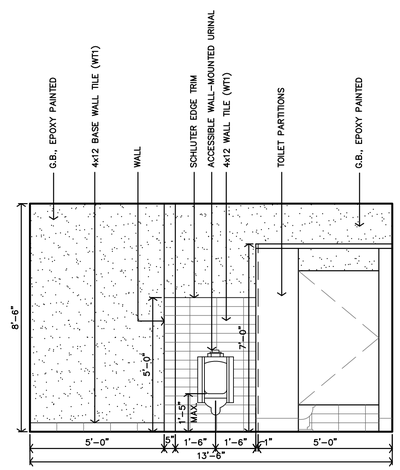


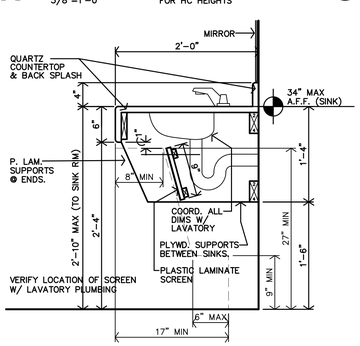
F MEN'S #109 INTERIOR ELEVATION
3/8"=1'-0"



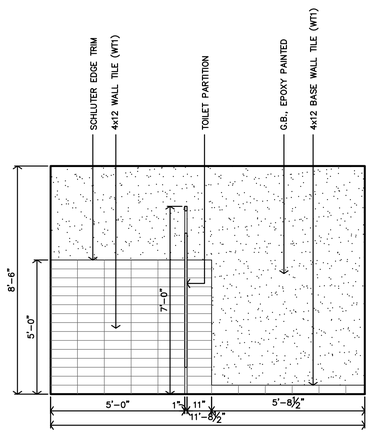
E MEN'S #109 INTERIOR ELEVATION
3/8"=1'-0"

RESTROOMS 109 & 112 LEGEND	
M	MIRROR
TP	TOILET PAPER DISPENSER
GB	GRAB BAR
PT*	PAPER TOWEL DISPENSER
AC	ACCESSIBLE FIXTURE
DR	DOOR
SD*	SOAP DISPENSER
MS	MOP SINK
US	UTILITY SINK
HWH	HOT WATER HEATER
TR	6"dia. HOLE FOR TRASH
BF	BOTTLE FILLER
FRP	FIBER REINF. PLASTIC PANEL
SND	SANITARY NAPKIN DISPOSAL

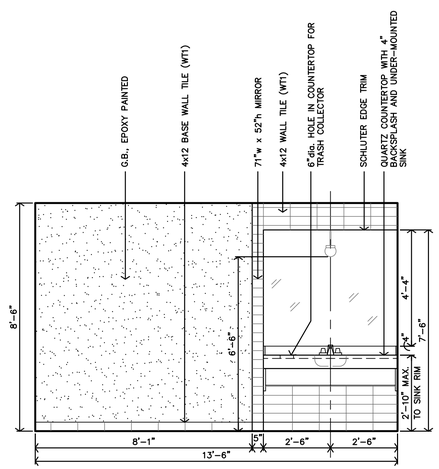
* INDICATES THAT ACCESSORY HAS BEEN SALVAGED FROM EXISTING RESTROOMS. CONTRACTOR TO REMOVE, STORE, AND REINSTALL AT NEW RESTROOM AS INDICATED ON PLANS AND ELEVATIONS.



M ACESSIBLE VANITY DETAIL
1"=1'-0"



D MEN'S #109 INTERIOR ELEVATION
3/8"=1'-0"



C MEN'S #109 INTERIOR ELEVATION
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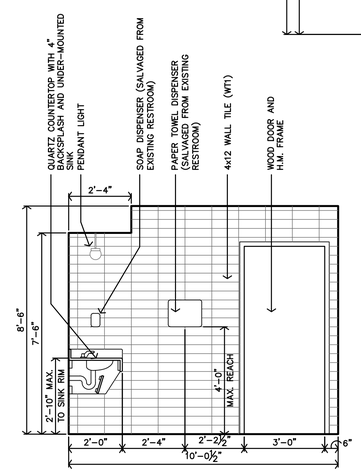

B MEN'S #109 INTERIOR ELEVATION
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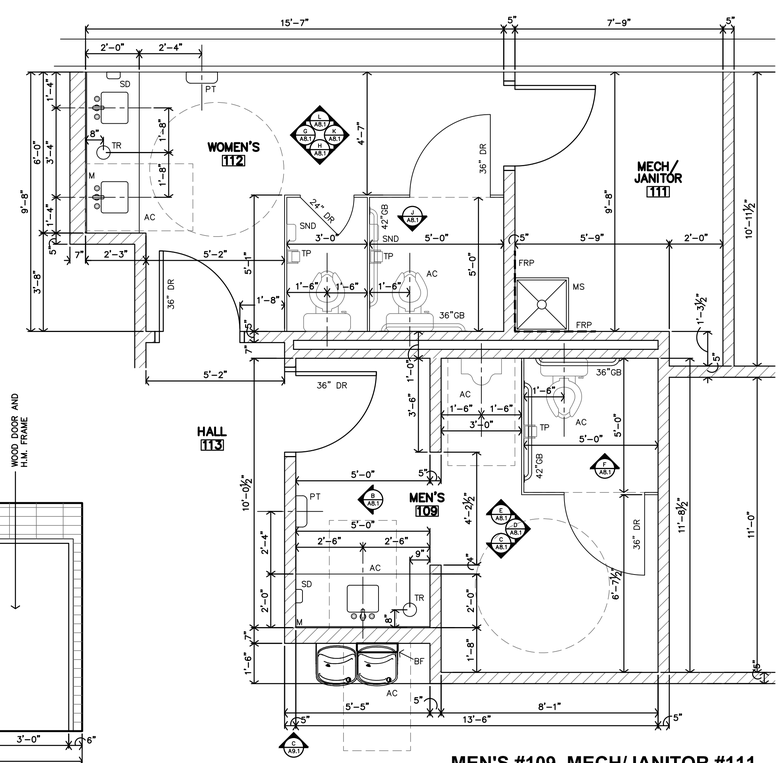

A MEN'S #109, MECH/JANITOR #111 & WOMEN'S #112 ENLARGED PLAN
3/8"=1'-0"

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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAMRENZ LICENSED 6519 7-28-2023 KANSAS PROFESSIONAL ARCHITECT

REVISION:

DATE: 7-28-2023
JOB: 21-3166
SHEET NO.:

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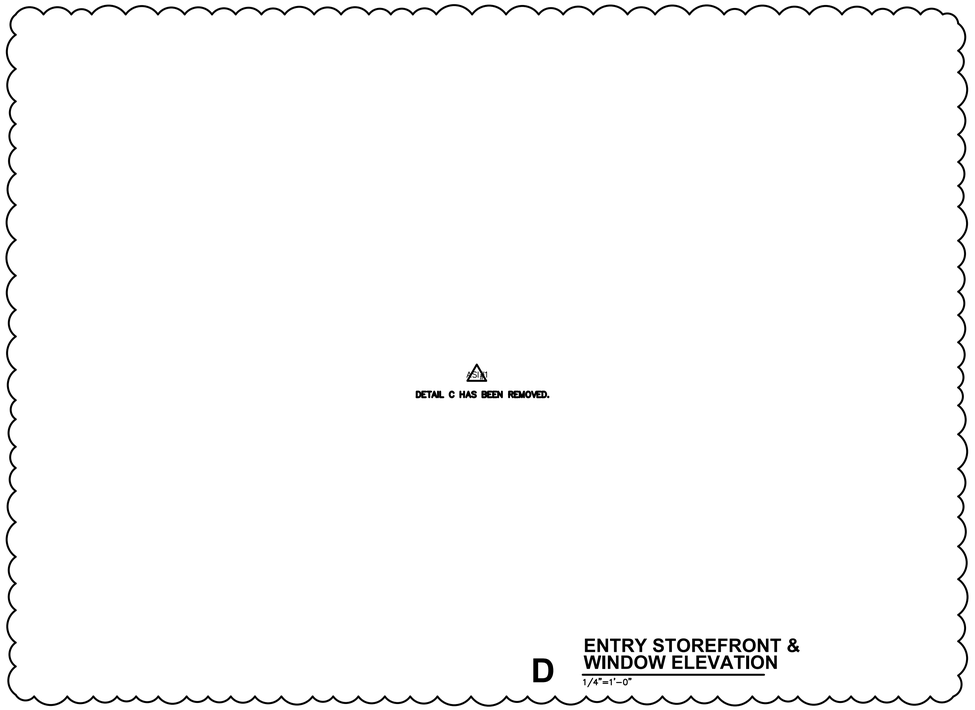
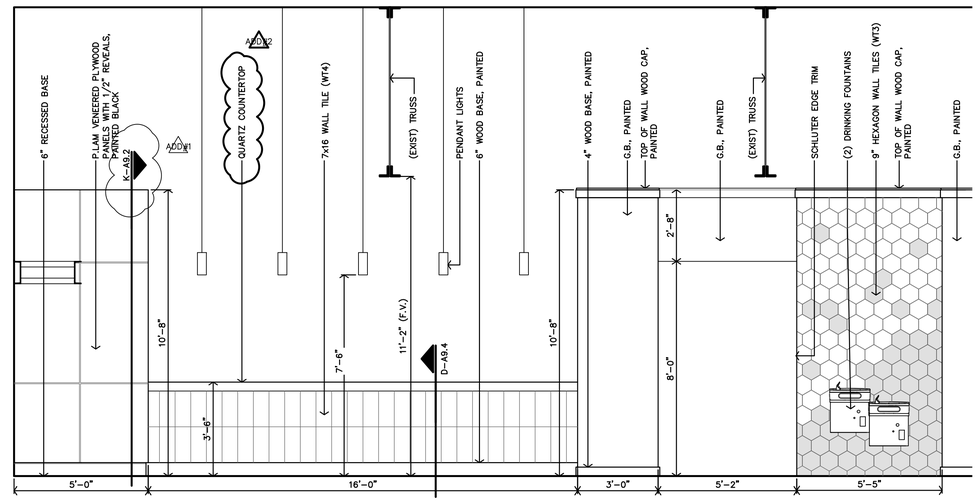


D ENTRY STOREFRONT & WINDOW ELEVATION
1/4"=1'-0"



C BAR-TOP COUNTER LOUNGE #116 INTERIOR ELEVATION
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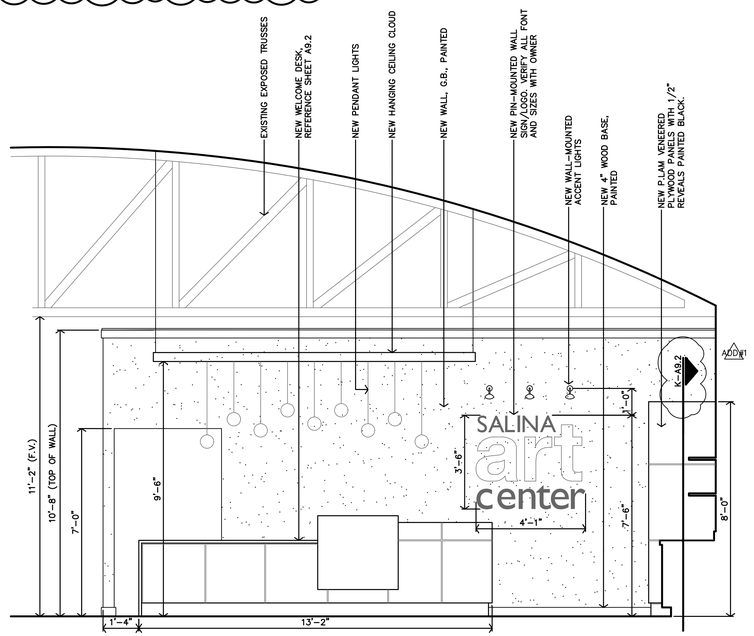
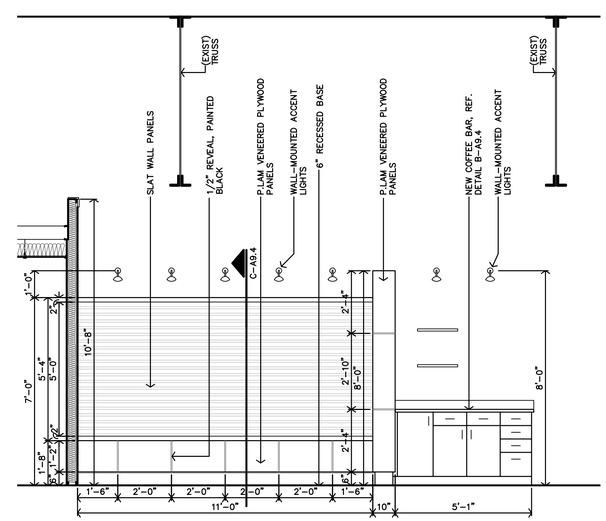


B WELCOME DESK LOBBY #101 INTERIOR ELEVATION
3/8"=1'-0"



A GIFT SHOP & COFFEE BAR LOBBY #101 INTERIOR ELEVATION
3/8"=1'-0"

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NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM
LICENSED
6519
7-28-2023
KANSAS
PROFESSIONAL ARCHITECT

REVISION:	
ADD#1	8-16-23
ADD#2	8-21-23
1	9-13-23
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JOB:	21-3166
SHEET NO.:	

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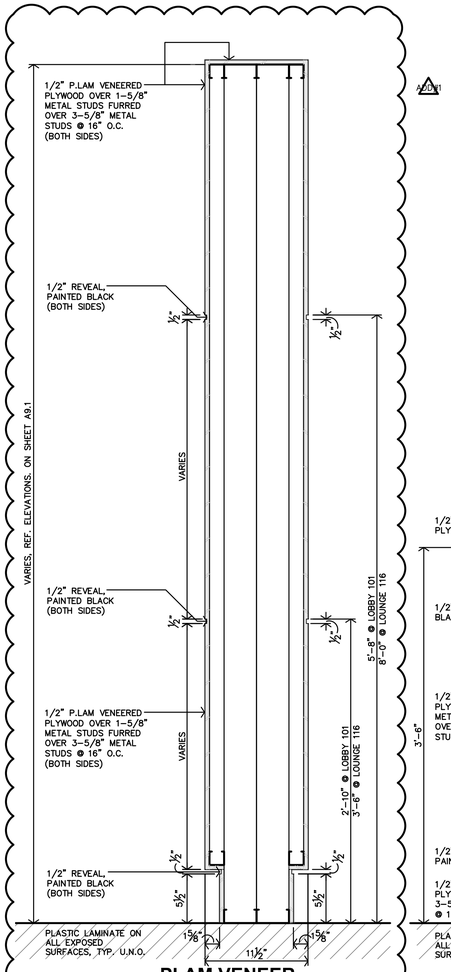
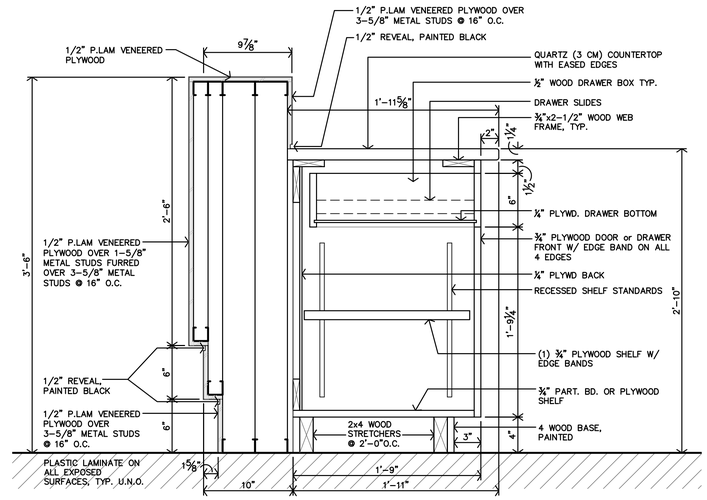


K PLAM VENEER WALL SECTION
1-1/2"=1'-0"



J WELCOME DESK SECTION
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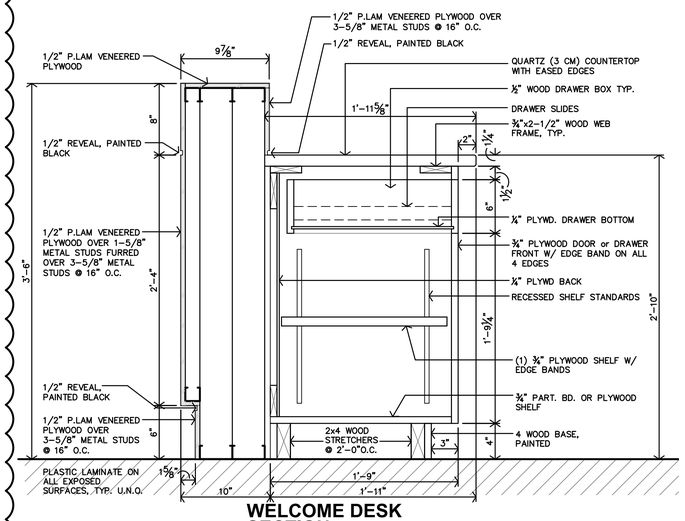

H WELCOME DESK SECTION
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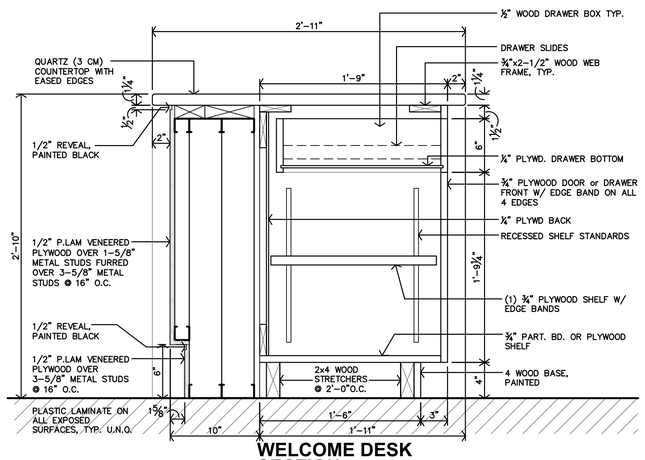

G WELCOME DESK SECTION
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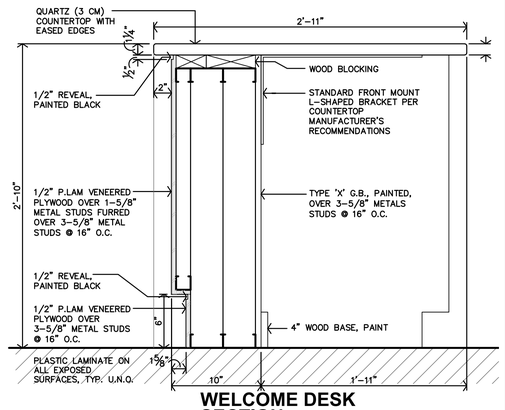

F WELCOME DESK SECTION
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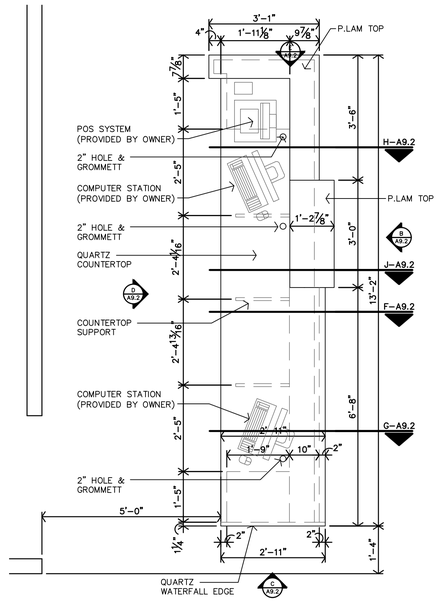

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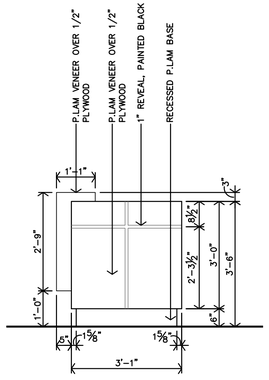

E WELCOME DESK LOBBY #101 CASEWORK ELEVATION
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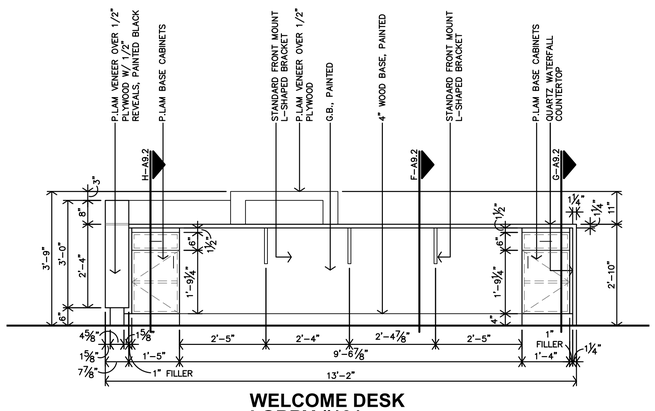

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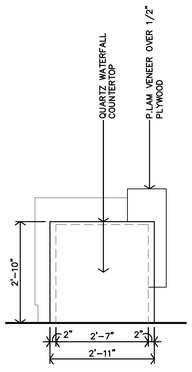

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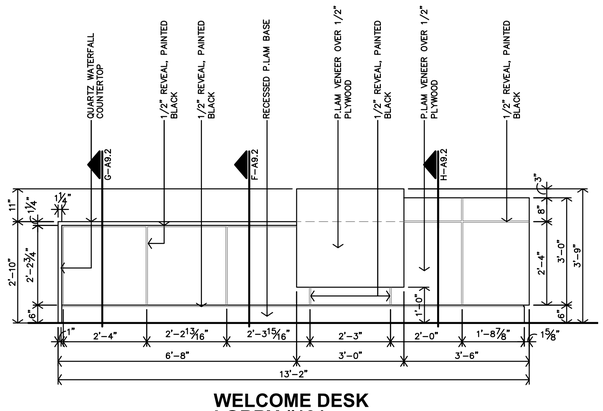

B WELCOME DESK LOBBY #101 CASEWORK ELEVATION
1/2"=1'-0"

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NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM LICENSED 6519 7-28-2023 KANSAS PROFESSIONAL ARCHITECT

REVISION:	
1	8-16-23

DATE: 7-28-2023
JOB: 21-3166
SHEET NO.:
A9.2

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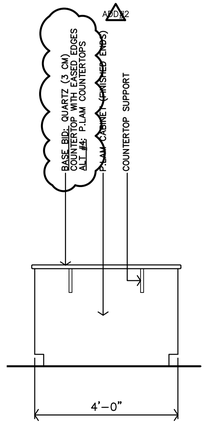
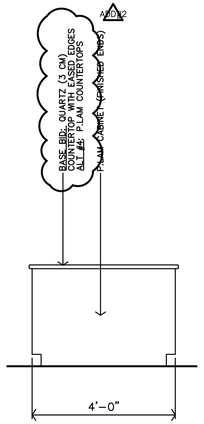


H CATERING KITCHEN #114 CASEWORK ELEVATION
1/2"=1'-0"



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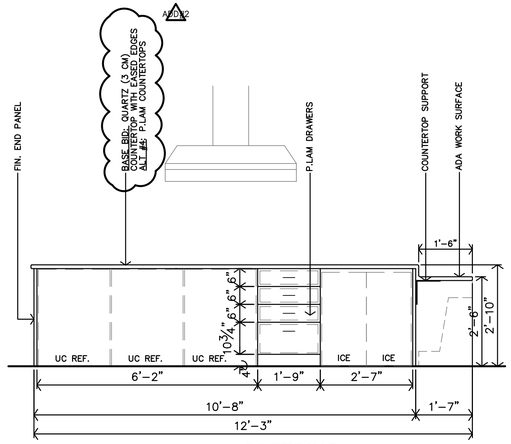
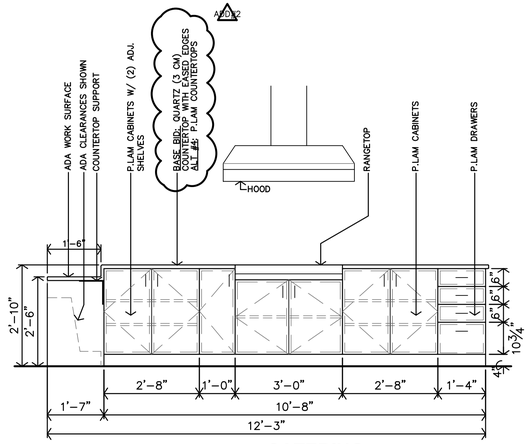


F CATERING KITCHEN #114 CASEWORK ELEVATION
1/2"=1'-0"



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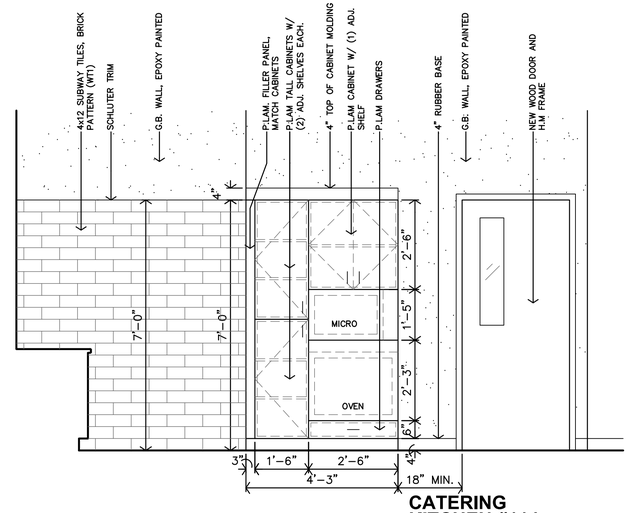
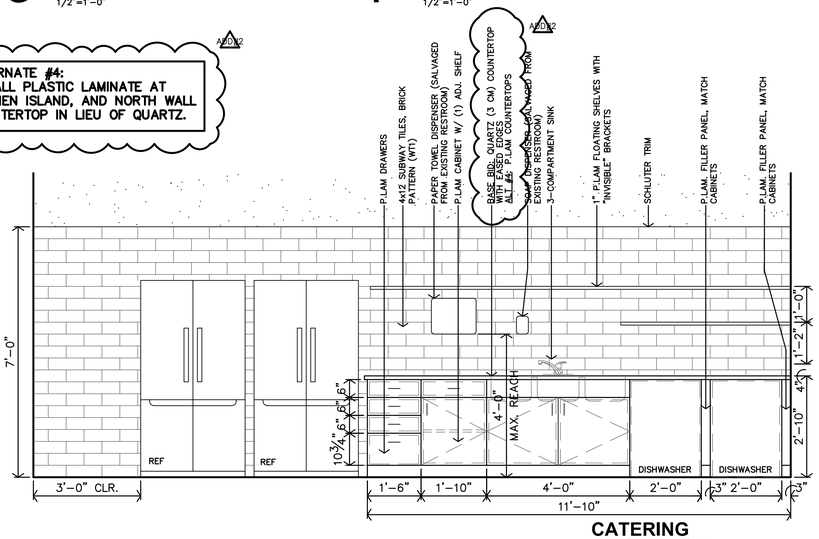


D CATERING KITCHEN #114 CASEWORK ELEVATION
1/2"=1'-0"

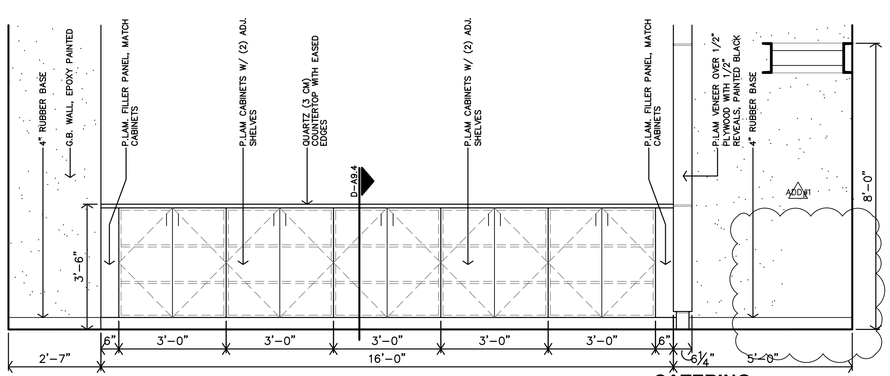
ALTERNATE #4:
INSTALL PLASTIC LAMINATE AT KITCHEN ISLAND, AND NORTH WALL COUNTERTOP IN LIEU OF QUARTZ.



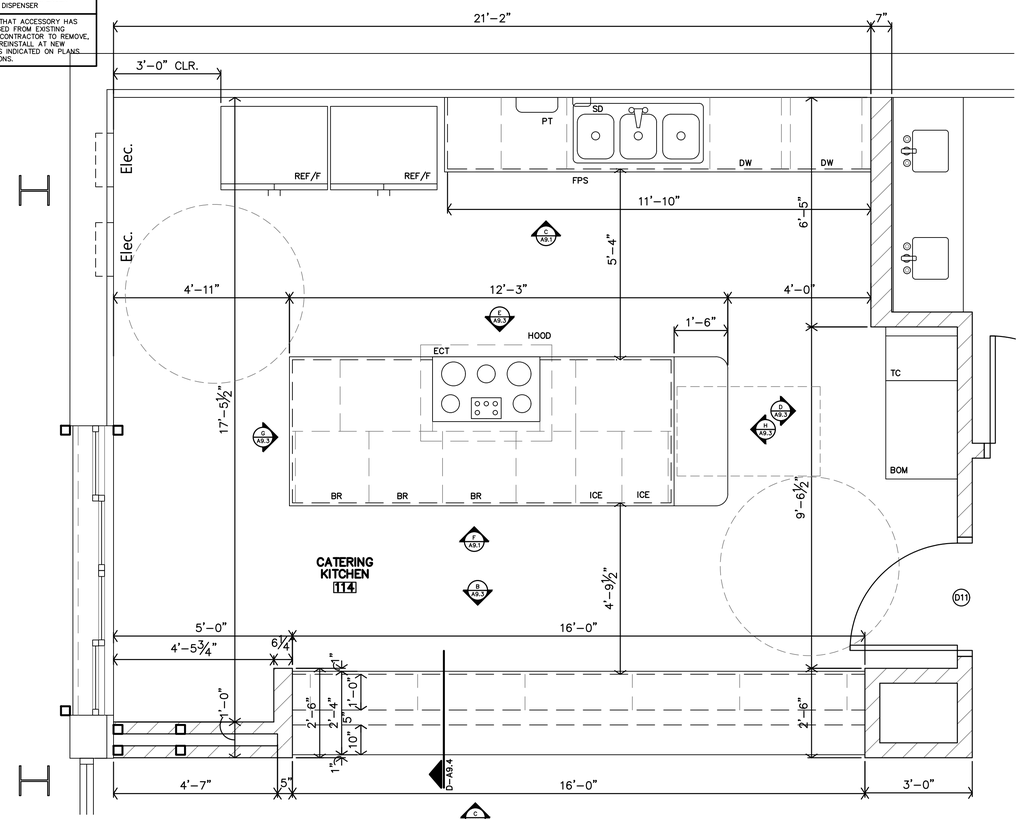
C CATERING KITCHEN #114 CASEWORK ELEVATION
1/2"=1'-0"

KITCHEN LEGEND	
DW	UNDER-COUNTER DISHWASHER
BOM	BUILT-IN OVEN/MICROWAVE
FPS	FOOD PREP SINK
TC	TALL CABINET
ECT	ELECTRIC COOKTOP
HOOD	COOKTOP HOOD
REF/F	REFRIGERATOR/FREEZER
ICE	UNDER-COUNTER ICE MACHINE
BR	UNDER-COUNTER BAR REF.
PT*	PAPER TOWEL DISPENSER
SD*	SOAP DISPENSER

* INDICATES THAT ACCESSORY HAS BEEN SALVAGED FROM EXISTING RESTROOMS. CONTRACTOR TO REMOVE, STORE, AND REINSTALL AT NEW RESTROOM AS INDICATED ON PLANS AND ELEVATIONS.



B CATERING KITCHEN #114 CASEWORK ELEVATION
1/2"=1'-0"



A CATERING KITCHEN #114 ENLARGED PLAN
1/2"=1'-0"

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City of Salina
Building Services Division
Shawn Homan
10/26/2023 9:00:18 AM

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730 N. Ninth
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SALINA ART CENTER

NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAMAN
6519
LICENSED
PROFESSIONAL ARCHITECT
KANSAS
7-28-2023

REVISION:	
ADDN'1	8-16-23
ADDN'2	8-21-23

DATE:	7-28-2023
JOB:	21-3166
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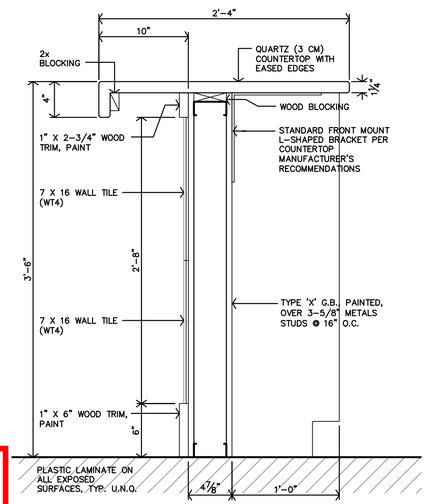
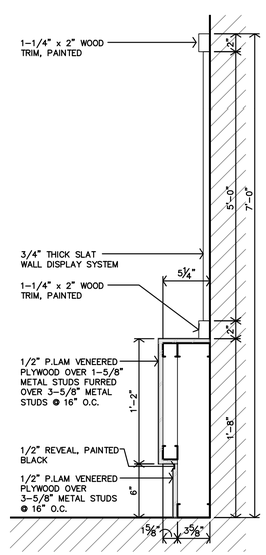


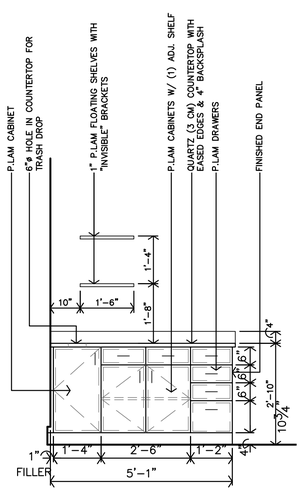
D CATERING KITCHEN #114 BAR TOP SECTION

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



C SECTION @ DISPLAY & GIFT SHOP WALL

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



B LOBBY #101 COFFEE BAR CASEWORK ELEVATION

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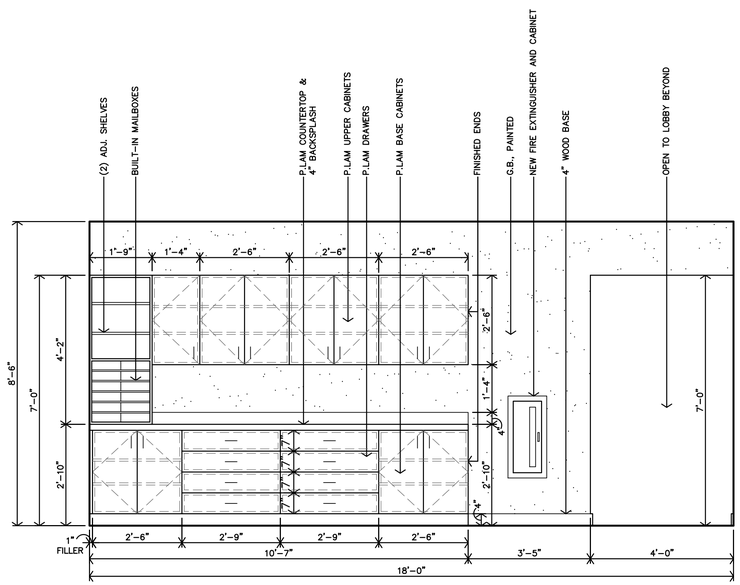

A HALL #106 CASEWORK ELEVATION

1/2"=1'-0"

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SALINA ART CENTER

NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS

SALINA, KANSAS

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MARGARET J. GILLAM
6519
7-28-2023
KANSAS
PROFESSIONAL ARCHITECT

REVISION:

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INTERIOR FINISH SCHEDULE

FINISHES & INSTRUCTIONS

P1 LATEX ENAMEL PAINT — SC SEALED CONCRETE — RB RUBBER BASE — WD WOOD
P2 EPOXY PAINT — CT CERAMIC TILE — C CARPET

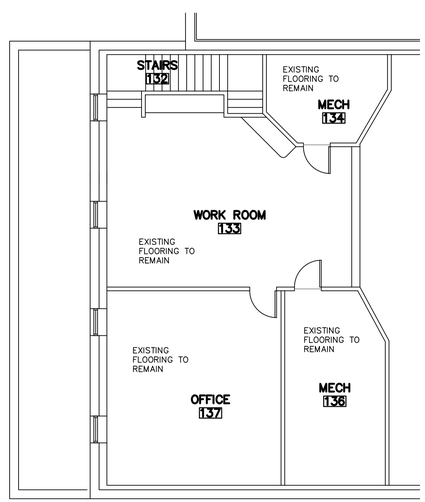
NO.	DESCRIPTION	FLOOR: URETHANE COATED CONCRETE	FLOOR: ALT. #3 – VCT	FLOOR: EXIST. FLR TO REMAIN		BASE: SELF COVE RUBBER BASE	BASE: 4" TALL WOOD BASE, PAINTED	BASE: CERAMIC TILE	BASE: EXISTING TO REMAIN	N.WALL: 5/8" FIRE RATED G.B.	N.WALL: CERAMIC WALL TILE	N.WALL: ALUM. STOREFRONT	N.WALL: EXISTING TO REMAIN	E.WALL: 5/8" FIRE RATED G.B.	E.WALL: CERAMIC WALL TILE	E.WALL: ALUM. STOREFRONT	E.WALL: EXISTING TO REMAIN	S.WALL: 5/8" FIRE RATED G.B.	S.WALL: CERAMIC WALL TILE	S.WALL: ALUM. STOREFRONT	S.WALL: EXISTING TO REMAIN	W.WALL: 5/8" FIRE RATED G.B.	W.WALL: CERAMIC WALL TILE	W.WALL: ALUM. STOREFRONT	W.WALL: EXISTING TO REMAIN	CEILING: EXPOSED STRUCTURE – PAINT	CEILING: NEW 2x2 SUSP. ACOUSTIC	CEILING: NEW SUSP. CLOUD FEATURE	CEILING: EXISTING TO REMAIN	REMARKS
FIRST FLOOR																															
101	LOBBY	SC	VCT				WD						P1			●	P1									P1					1, 2
102	RECEPTION	SC	VCT				WD						P1									P1				P1		●			1, 2
103	CLOSET	SC	VCT			RB							P1	P1				P1				P1					●				1, 2
104	SMALL CONFERENCE	SC	VCT				WD						P1	P1				P1				P1					●				1, 2
106	HALL	SC	VCT				WD			P1				P1				P1				P1					●				1, 2
107	OFFICE	SC	VCT				WD			P1				P1				P1				P1					●				1, 2
108	GALLERY	SC	VCT				WD			P1						●	P1				P1					P1					1, 2
109	MEN'S	SC	VCT					CT		P2	CT			P2	CT			P2	CT			P2	CT				●				1, 2
111	MECH/JANITOR	SC	VCT			RB							P2	P2				P2				P2					●				1, 2
112	WOMEN'S	SC	VCT					CT					P2	P2	CT			P2	CT			P2	CT				●				1, 2
113	HALL	SC	VCT				WD			P1				P1								P1					●				1, 2
114	CATERING KITCHEN	SC	VCT			RB							P2	P2				P2							P2	P2					1, 2
116	LOUNGE	SC	VCT				WD			P1											P1			●	P1	P1					1, 2
117	STORAGE			●					●				●				●				●				●					●	
118	STAIRS			●					●				●				●				●				●					●	
119	OFFICE			●					●				●				●				●				●					●	
121	HALL			●			WD		●				●				●	P1			●				●					●	3, 5, 7
122	JANITOR			●					●				●				●				●				●					●	
123	MEN			●					●				●				●				●				●					●	
124	STORAGE			●		RB			●	P1			●				●				●				●					●	3, 5, 7
125	WOMEN			●					●				●				●				●				●					●	
126	STORAGE			●					●				●				●				●				●					●	
127	GALLERY			●					●				●				●				●				●					●	
128	GALLERY		VCT	●			WD		●	P1			●	P1			●				●				●					●	3, 4. 5, 7
129	GALLERY		VCT	●			WD		●	P1			●	P1			●	P1			●				●	P1				●	3, 4, 5
131	MECH			●		RB			●	P1				P1							●				●		●				3, 5
132	STAIRS			●					●				●				●				●				●					●	
133	WORK ROOM			●					●				●				●				●				●					●	
134	MECH			●					●				●				●				●				●					●	
136	MECH			●					●				●				●				●				●					●	
137	OFFICE			●					●				●				●				●				●					●	

GENERAL NOTES:

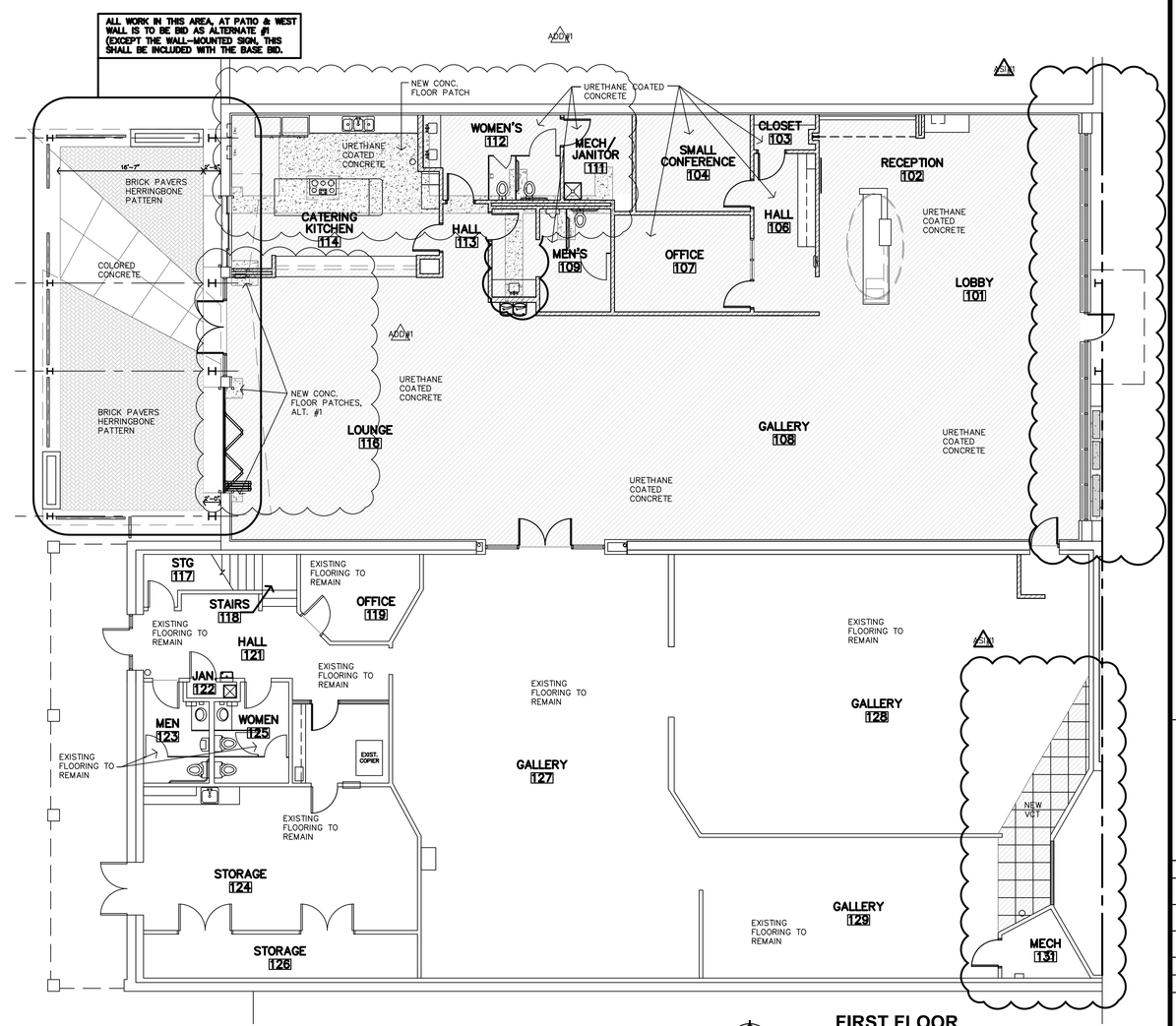
1. INSTALL VINYL, RUBBER, OR ALUMINUM TRANSITION STRIP BETWEEN FLOOR MATERIAL OF DIFFERING HEIGHTS, INCLUDING BUT NOT LIMITED TO CONCRETE/CT TRANSITIONS.
2. ALL GYPSUM BOARD AREAS WHICH ARE ACCESSORIES TO THE ROOM INCLUDING BUT NOT LIMITED TO SOFFITS, BULKHEADS, TRIM, ETC. SHALL BE PAINTED REGARDLESS OF WHETHER IT IS SPECIFICALLY INDICATED PER SCHEDULE.
3. FLOORING CONTRACTOR SHALL VERIFY THAT SUBFLOOR IS LEVEL AND PROPERLY PREPPED PRIOR TO INSTALLATION OF ANY FLOORING MATERIALS.
4. CONTRACTOR SHALL VERIFY THAT FLOORS ARE PREPPED/"FLOORSTONED" FOR LEVEL TRANSITION BETWEEN DIFFERING MATERIALS.
5. ALL CONTROL JOINTS AT EXPOSED CONCRETE FLOORS SHALL RECEIVE SEALANT COMPATIBLE W/ FLOOR SEALER.
6. 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.
7. CONTRACTOR SHALL COORDINATE WITH INTERIOR ELEVATIONS, FLOOR PLANS AND MISCELLANEOUS DETAILS TO VERIFY ALL AESTHETIC ACCENTS AND DETAILS.
8. INSTALL METAL SCHLUTER TRIM AT FLOOR AND WALL MATERIAL TRANSITIONS UNLESS BULLNOSE OR WOOD IS INDICATED.
9. INSTALL MOISTURE RESISTANT G.B. AT ALL PLUMBING WALLS SCHEDULED FOR G.B.

SPECIFIC NOTES:

1. BASE BID INCLUDES FLOOR SUBSTRATE PREPARATION AND INSTALLATION OF NEW OPAQUE URETHANE COATING.
2. ALTERNATE #3 INCLUDES FLOOR SUBSTRATE PREPARATION AND INSTALLATION OF NEW VCT
3. PATCH WALL BASE AT NEW WALLS TO MATCH EXISTING
4. NEW WOOD WALL BASE IN THIS AREA IS TO MATCH EXISTING IS PROFILE AND STAIN. NOT PAINTED.
5. TOUCH UP PAINT AS NEEDED IN AREAS WHERE NEW WALLS ARE BEING CONSTRUCTED OR NEW OPENINGS ARE BEING CREATED. PAINT AND FINISH TEXTURE TO MATCH EXISTING. PAINT ENTIRE WALL FROM CORNER/END TO CORNER/END.
6. ALTERNATE #4 – REMOVE ALL EXISTING 2x2 CEILING TILES AND REPLACE WITH NEW. GRID TO REMAIN.
7. MODIFY CEILING GRID AND TILES AS NECESSARY TO INSTALL NEW WALL OR REMOVE EXISTING PORTION OF WALLS.



B **MEZZANINE FINISH PLAN**
1/8"=1'-0"



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

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REVISION:	
ADD#1	8-16-23
SIGN	9-13-23

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GLAZING SCHEDULE

MARK	INTERIOR	EXTERIOR	1/4"	1" INSULATED	TINTED	CLEAR	TEMPERED	
A1		●		●		●		●
A2		●		●	●			
B1	●		●				●	●
B2	●		●				●	

WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	STYLE	EXTERIOR	DETAILS	REMARKS
A	– – – WINDOW DESIGNATION NOT USED – – –					
B	– – – WINDOW DESIGNATION NOT USED – – –					
C	8'-0"(F.V.)	1'-4"	NEW ALUMINUM STOREFRONT	●	F,K-A10.3	1, 3
D	11'-3"(F.V.)	1'-4"	NEW ALUMINUM STOREFRONT	●	G,K-A10.3	1, 3
E	12'-3.5"(F.V.)	1'-4"	NEW ALUMINUM STOREFRONT	●	H,K-A10.3	1, 3
F1	8'-0"(F.V.)	4'-2"(F.V.)	SLIDING GLASS SERVICE WINDOW	●	E,F-A10.3	1, 3, 4

GENERAL NOTES:

A. CONTRACTOR MUST INSTALL MTL. FLASHINGS & CONT. CAULK FOR WEATHER & WATERTIGHT CONDITIONS @ ALL EXTERIOR WINDOW UNITS.
B. CONTRACTOR MUST INSTALL 1/4" INSUL. OR THERMAL BREAK. CONTINUOUS AROUND WINDOW.
C. CONTRACTOR TO PROVIDE & INSTALL MFR'S COORDINATING PANNING SYSTEM FOR ALUM. WINDOWS.

SPECIFIC NOTES:

1. EXISTING OPENING. VERIFY SIZE AND CONDITION.
2. BASE BID
3. ALTERNATE #1
4. SLIDING SERVICE DOOR TO BE SELF-CLOSING

DOOR SCHEDULE

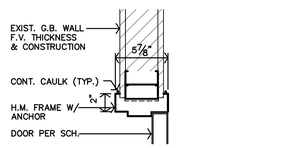
MARK	DOOR SIZE W	DOOR SIZE H	DOOR SIZE T	MATERIAL ALUMINUM	MATERIAL S.C. WOOD	TYPE	TYPE FOLDING GATE	TYPE SLIDING DOOR	TYPE KAWA WALL	FRAME MATERIAL ALUMINUM	FRAME MATERIAL H.M.	FRAME TYPE	DETAILS	REMARKS
D01	3'-0"(FV)	7'-0"(FV)	1 3/4"	●		D					●			4, 7, 9
D02	11'-9"	8'-0"				E	●							
D03	3'-0"	7'-0"	1 3/4"		●	A					●	1	F,G-A10.2	
D04	3'-0"	7'-0"	1 3/4"		●	B					●	1	F,G-A10.2	
D05	3'-0"	7'-0"	1 3/4"		●	B					●	2	H-A10.2;S,T-A10.3	
D06	3'-0"	7'-0"	1 3/4"		●	C					●	6	M,N-A10.3	2, 3, 5, 7, 9
D07	PR 3'-0"	8'-0"	1 3/4"		●	B					●	3	H-A10.2;P,Q-A10.3	1, 7, 9
D08	3'-0"	7'-0"	1 3/4"		●	A					●	1	F,G-A10.2	7
D09	3'-0"	7'-0"	1 3/4"		●	A					●	1	F,G-A10.2	7
D10	3'-0"	7'-0"	1 3/4"		●	A					●	1	F,G-A10.2	
D11	3'-0"	7'-0"	1 3/4"		●	C					●	1	F,G-A10.2	
D12	– – – NUMBER NOT USED – – –													
D13	PR 3'-0"	7'-0"	1 3/4"	●		D				●		5	A-A4.1;D,E-A10.2;K-A10.3	1, 7, 9, 10
D14	13'-5.5"	7'-2"	1 3/4"			F		●					B-A4.1 & L-A10.3	1, 10
D15	3'-0"	7'-0"	1 3/4"	●		A					●	1	J,K-A10.2	1, 3, 5
D16	– – – DOOR DESIGNATION NOT USED – – –													
D17	PR 3'-0"	7'-0"	1 3/4"	●		B					●	1	J,K-A10.2	1, 3, 5
D18	– – – DOOR DESIGNATION NOT USED – – –													

GENERAL NOTES:

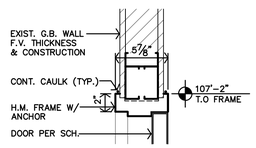
A. ALL EXPOSED LINTELS TO BE PAINTED AT INTERIOR AND EXTERIOR.
B. CONTRACTOR MUST INSTALL MTL. FLASHINGS & CONT. CAULK FOR A WEATHERTIGHT SEAL, AT ALL EXTERIOR DOORS & FRAMES.

SPECIFIC NOTES:

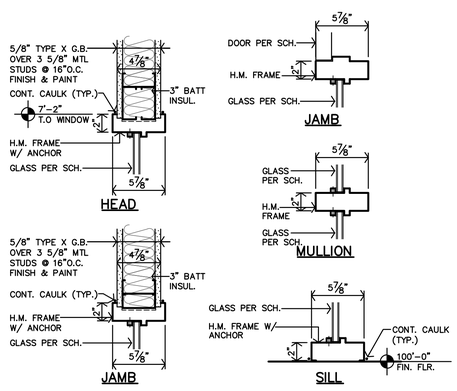
1. EXISTING OPENING. VERIFY SIZE AND CONDITION.
2. NEW OPENING IN EXISTING WALL. CONTRACTOR TO VERIFY WALL CONSTRUCTION.
3. DOOR & FRAME TO BE PAINTED TO MATCH WALL.
4. CURTAIN WALL FRAME TO REMAIN. FIELD VERIFY OPENING SIZE.
5. WOOD DOOR FINISH SHALL BE PAINTABLE SURFACE. PAINT DOOR & FRAME TO MATCH WALL.
6. WOOD DOOR SHALL BE PRE-FINISHED VENEER. MATCH EXISTING DOOR FINISHES IN HALLWAY #121.
7. DOOR SHALL BE EQUIPPED WITH AUTOMATIC CLOSER(S)
8. DOOR SHALL BE EQUIPPED WITH MECHANICAL HOLD OPEN DEVICE.
9. DOOR SHALL BE EQUIPPED WITH PANIC HARDWARE
10. PER ALTERNATE #1
11. NOTE NOT USED



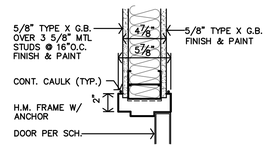
K HOLLOW METAL DOOR JAMB NEW OPENING - (E) WALL
1 1/2"=1'-0"



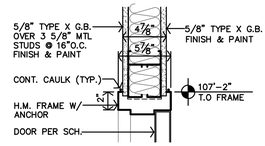
J HOLLOW METAL DOOR HEAD NEW OPENING - (E) WALL
1 1/2"=1'-0"



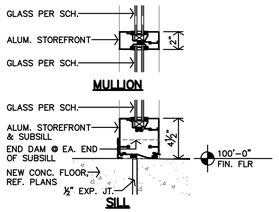
H TYP. HOLLOW METAL WINDOW DETAILS
1 1/2"=1'-0"



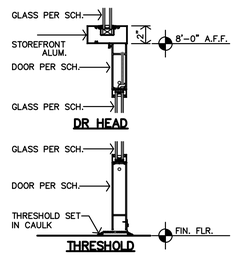
G HOLLOW METAL DOOR JAMB DETAIL
1 1/2"=1'-0"



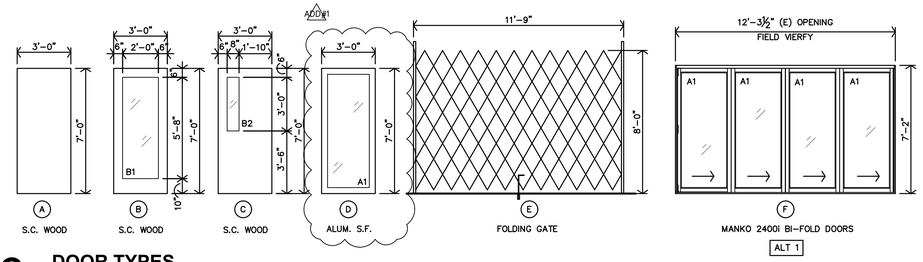
F HOLLOW METAL DOOR HEAD DETAIL
1 1/2"=1'-0"



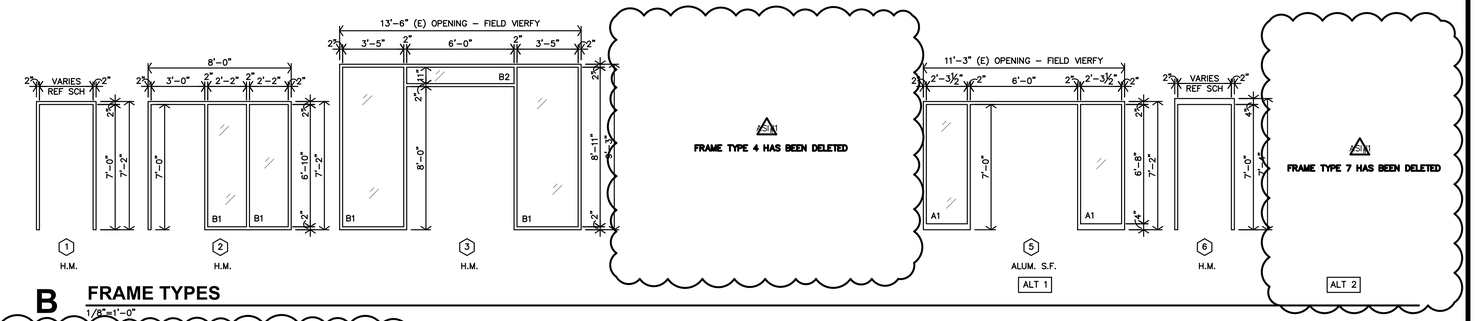
E TYP. STOREFRONT DTLS
1 1/2"=1'-0"



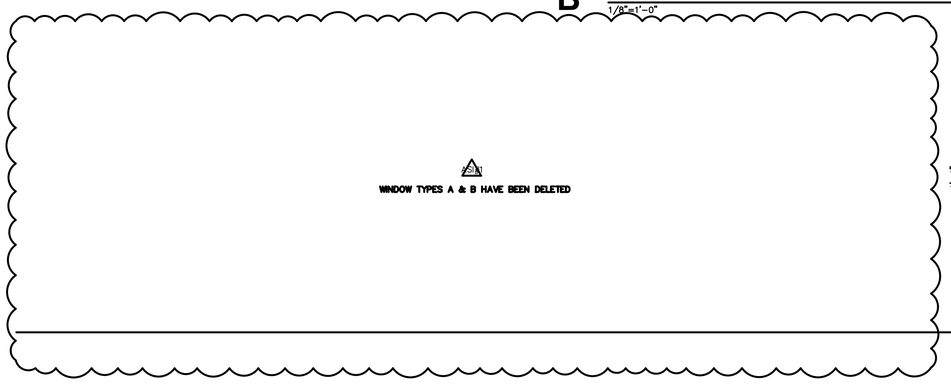
D TYP. STOREFRONT DTLS
1 1/2"=1'-0"

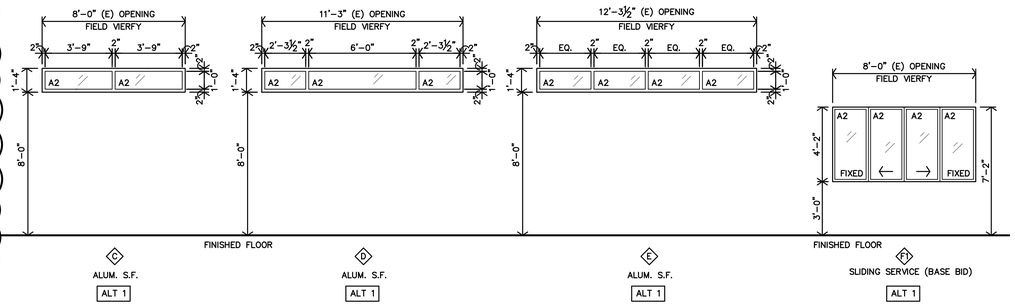


C DOOR TYPES
1/8"=1'-0"



B FRAME TYPES
1/8"=1'-0"





A WINDOW TYPES
1/8"=1'-0"

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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

MARGARET J. GILLAM LICENSED 6517 7-28-2023 KANSAS PROFESSIONAL ARCHITECT

REVISION:	
ADDN'1	8-16-23
ASN'1	9-13-23

DATE:	7-28-2023
JOB:	21-3166
SHEET NO.:	

A10.2

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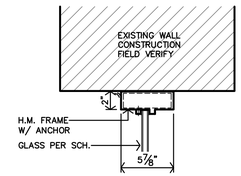
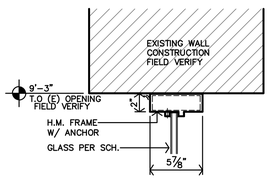
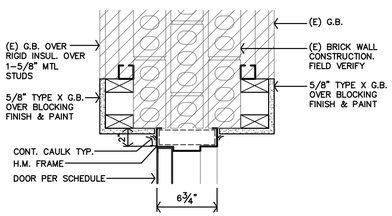


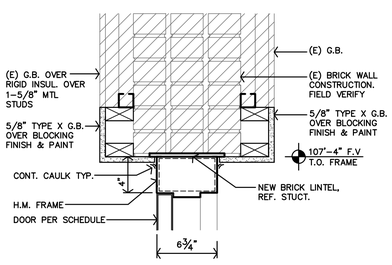
Q HOLLOW METAL DOOR JAMB EXISTING OPENING
1 1/2"=1'-0"



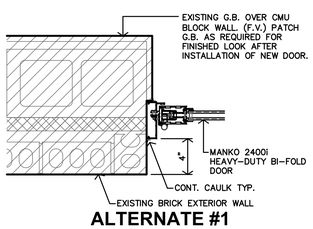
P HOLLOW METAL DOOR HEAD EXISTING OPENING
1 1/2"=1'-0"



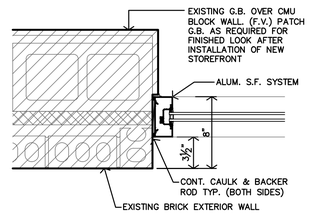
N HOLLOW METAL DOOR JAMB (E) WALL - NEW OPENING
1 1/2"=1'-0"



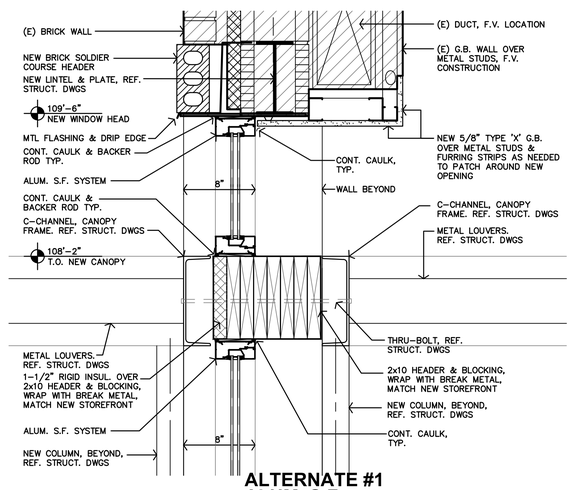
M HOLLOW METAL DOOR HEAD (E) WALL - NEW OPENING
1 1/2"=1'-0"



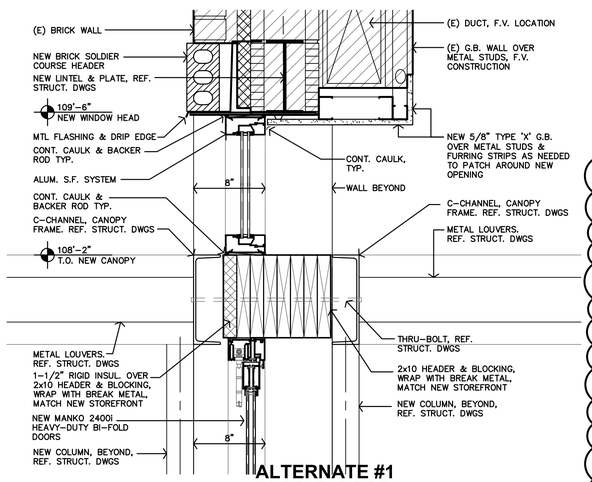
L ALTERNATE #1 BI-FOLD DOOR JAMB EXISTING OPENING
1 1/2"=1'-0"



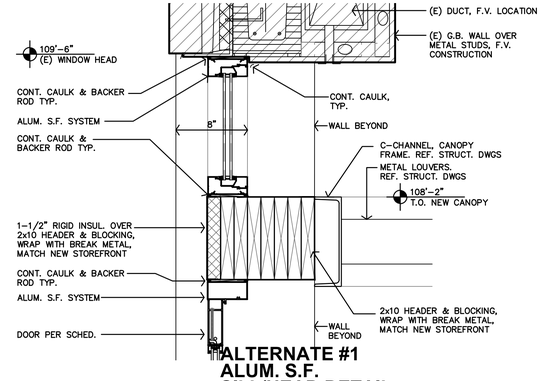
K ALTERNATE #1 ALUM. STOREFRONT DOOR JAMB EXISTING OPENING
1 1/2"=1'-0"



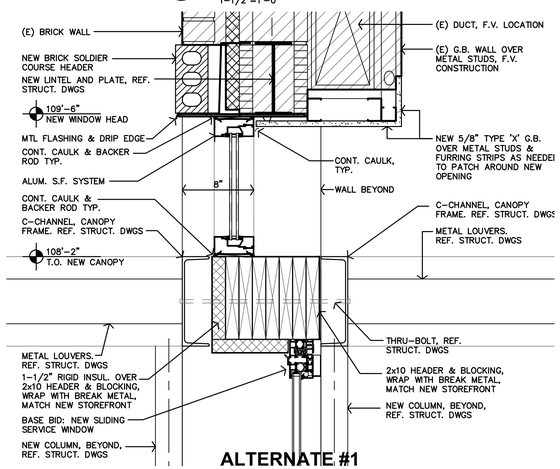
J ALTERNATE #1 ALUM. S.F. SILL/HEAD DETAIL
1-1/2"=1'-0"



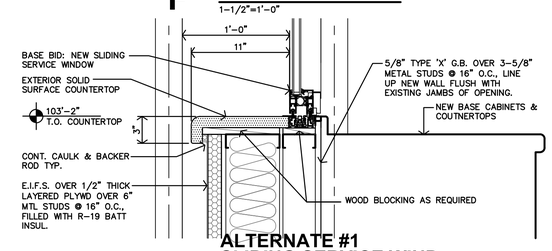
H ALTERNATE #1 BI-FOLD DOOR ALUM. S.F. SILL/HEAD DETAIL
1-1/2"=1'-0"



G ALTERNATE #1 ALUM. S.F. SILL/HEAD DETAIL
1-1/2"=1'-0"



F ALTERNATE #1 SLIDING SERIVCE WIND ALUM. S.F. SILL/HEAD DETAIL
1-1/2"=1'-0"



E ALTERNATE #1 SLIDING SERVICE WIND. SILL DETAIL
1-1/2"=1'-0"

2 DETAILS A, B, C & D HAVE BEEN DELETED

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2 9-13-23

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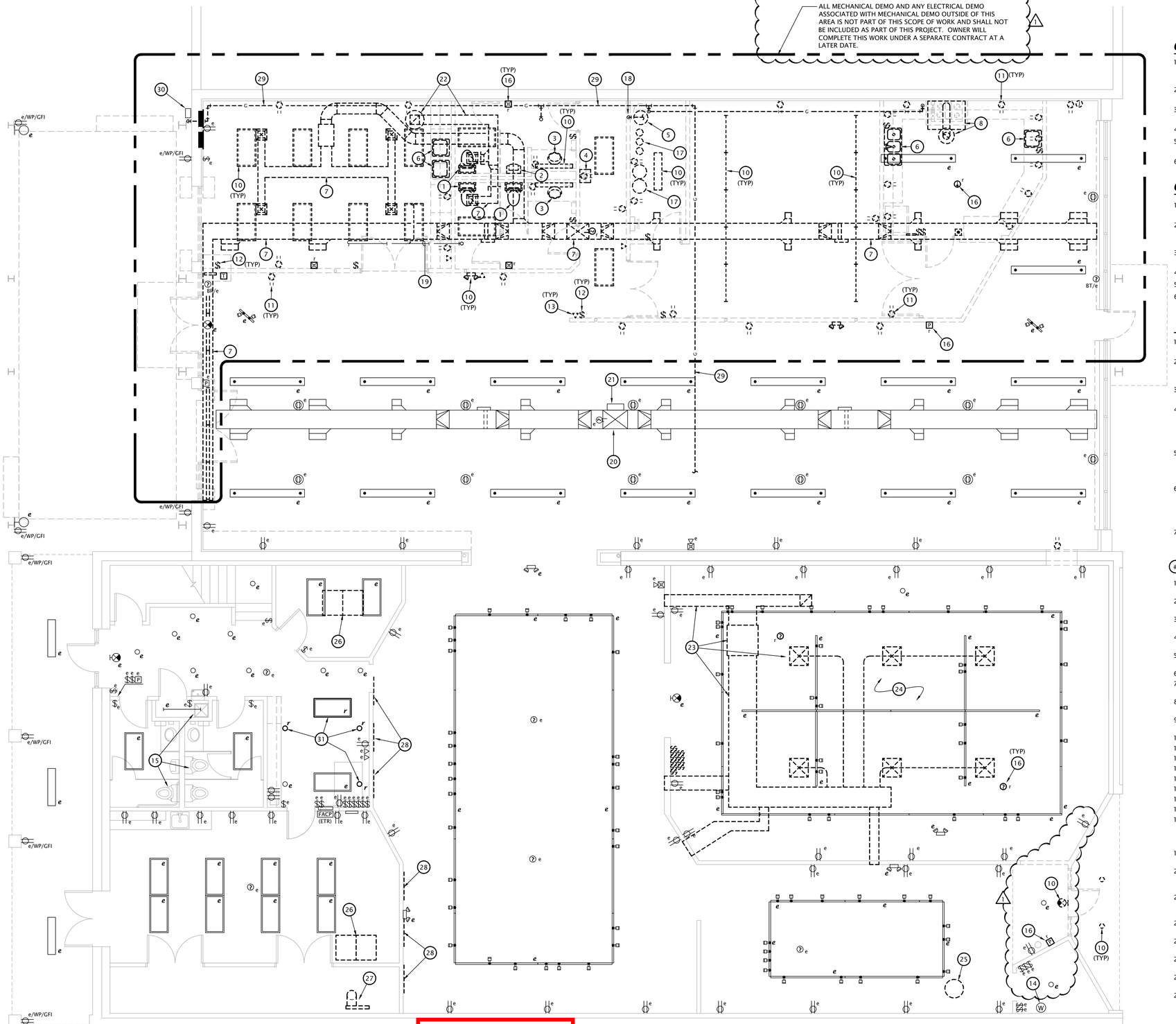
Project 22045 July 2023

ALL MECHANICAL DEMO AND ANY ELECTRICAL DEMO ASSOCIATED WITH MECHANICAL DEMO OUTSIDE OF THIS AREA IS NOT PART OF THIS SCOPE OF WORK AND SHALL NOT BE INCLUDED AS PART OF THIS PROJECT. OWNER WILL COMPLETE THIS WORK UNDER A SEPARATE CONTRACT AT A LATER DATE.



1 ME DEMO PLAN
3/16" = 1'-0"

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Building Services Division
Shawn Homan
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GENERAL DEMOLITION NOTES

1. REMOVE ALL MECHANICAL AND ELECTRICAL INSTALLATION FROM PROJECT AREA, UNLESS REQUIRED FOR NEW WORK OR EXISTING INSTALLATION NOT AFFECTED BY REMODEL. COORDINATE WITH OWNER AND G.C.
2. SERVICES TO ITEMS NOT REMOVED AS PART OF THIS WORK SHALL BE RESTORED UPON COMPLETION OF THIS WORK TO FULLY OPERATIONAL CONDITION.
3. NOT ALL ITEMS REQUIRED TO BE DEMOLISHED MAY BE INDICATED ON DRAWINGS. ALL DEMOLITION OF AFFECTED SPACE SHALL BE PERFORMED AS IF INDICATED.
4. DELIVER DEMOLISHED EQUIPMENT, WIRING, ETC. TO OWNER OR DISPOSE OF, AS DIRECTED BY OWNER.
5. FIELD VERIFY EXACT LOCATION OF ALL EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT INDICATED ON DRAWINGS.
6. ALL ITEMS TO BE RE-USED OR RELOCATED SHALL BE CLEANED, REPAIRED, AND RESTORED TO LIKE NEW CONDITION PRIOR TO RE-USE.

GENERAL MECHANICAL DEMO NOTES

1. REMOVE ALL EXISTING HVAC INSTALLATION TAKEN OUT OF SERVICE THROUGHOUT AREA OF REMODEL. EXISTING HVAC INFORMATION IS SHOWN FOR REFERENCE FROM EXISTING BUILDING PLANS.
2. 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.
3. WHERE PIPING TAKEN OUT OF SERVICE IS LOCATED BELOW SLAB AND IS UNABLE TO BE REMOVED, CAP BELOW SLAB.
4. ALL DUCTWORK TAKEN OUT OF SERVICE SHALL BE REMOVED.
5. ALL MECHANICAL EQUIPMENT TAKEN OUT OF SERVICE SHALL BE REMOVED.
6. COORDINATE CUTTING, PATCHING OF EXISTING WALLS, CEILINGS, ROOF AND FLOORS AFFECTED BY MECHANICAL DEMOLITION WITH G.C.

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).
7. PRIOR TO REMOVING DEMOLISHED LIGHT FIXTURES FROM SITE, ALLOW OWNER'S REPRESENTATIVE TO DETERMINE IF FIXTURES SHALL BE SALVAGED BY THE OWNER. PROPERLY DISPOSE OF ALL FIXTURES NOT SALVAGED BY OWNER.

DEMOLITION PLAN NOTES BY SYMBOL

1. REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED PLUMBING INSTALLATION TAKEN OUT OF SERVICE.
2. REMOVE EXISTING URINAL AND AND ALL ASSOCIATED PLUMBING INSTALLATION TAKEN OUT OF SERVICE.
3. REMOVE EXISTING LAVATORY AND AND ALL ASSOCIATED PLUMBING INSTALLATION TAKEN OUT OF SERVICE.
4. REMOVE EXISTING WATER COOLER AND AND ALL ASSOCIATED PLUMBING INSTALLATION TAKEN OUT OF SERVICE.
5. REMOVE EXISTING WATER HEATER AND AND ALL ASSOCIATED PLUMBING INSTALLATION TAKEN OUT OF SERVICE.
6. REMOVE EXISTING SINK AND AND ALL ASSOCIATED PLUMBING INSTALLATION TAKEN OUT OF SERVICE.
7. REMOVE EXISTING ROOF TOP UNIT, DUCTWORK AND ASSOCIATED MECHANICAL AND ELECTRICAL INSTALLATION TAKEN OUT OF SERVICE.
8. REMOVE EXISTING KITCHEN HOOD, EXHAUST FAN ON ROOF, AND ALL ASSOCIATED MECHANICAL AND ELECTRICAL INSTALLATION.
9. REMOVE EXISTING LAVATORY AND MODIFY EXISTING ROUGH-INS AS REQUIRED FOR NEW SINK. SEE NEW WORK PLANS FOR ADDITIONAL INFO.
10. REMOVE EXISTING LIGHT FIXTURE AND ASSOCIATED CIRCUITRY.
11. REMOVE RECEPTACLE AND ASSOCIATED CIRCUITRY.
12. REMOVE EXISTING LIGHT SWITCH AND ASSOCIATED CIRCUITRY.
13. REMOVE EXISTING COMMUNICATIONS OUTLET AND ASSOCIATED CABLING.
14. EXISTING WATER METER AND WATER SERVICE TO REMAIN.
15. EXISTING PLUMBING FIXTURES IN THIS AREA TO REMAIN.
16. REMOVE FIRE ALARM DEVICE AND RETAIN FOR REINSTALLATION AS PART OF NEW WORK.
17. REMOVE EXISTING WATER SOFTENER AND R.O. SYSTEM AND ALL ASSOCIATED INSTALLATION.
18. REMOVE ALL EXISTING DOMESTIC WATER PIPING IN NORTH BUILDING BEING TAKEN OUT OF SERVICE BACK TO MAIN PIPING SERVING NORTH BUILDING. FIELD VERIFY EXACT LOCATION OF ALL EXISTING PIPING. MODIFY EXISTING 1" DOMESTIC WATER PIPE SERVING NORTH BUILDING AS REQUIRED FOR NEW WORK. SEE NEW WORK PLANS FOR ADDITIONAL INFO.
19. EXISTING 4" DRAIN TO REMAIN. SEE NEW WORK PLANS FOR ADDITIONAL INFO. FIELD VERIFY EXACT LOCATION.
20. REMOVE EXISTING ROOF TOP UNIT AND ASSOCIATED MECHANICAL AND ELECTRICAL INSTALLATION TAKEN OUT OF SERVICE. EXISTING DUCTWORK AND DUCT ROOF PENETRATION TO REMAIN FOR RE-USE. SEE NEW WORK PLANS FOR ADDITIONAL INFO.
21. EXISTING HUMIDIFIER TO REMAIN. MODIFY EXISTING CONTROLS AND DOMESTIC WATER PIPING AS REQUIRED FOR NEW WORK. SEE NEW WORK PLANS FOR ADDITIONAL INFO. COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS.
22. REMOVE EXISTING EXHAUST FAN ON ROOF AND ALL ASSOCIATED MECHANICAL AND ELECTRICAL INSTALLATION.
23. REMOVE EXISTING AIR HANDLER ABOVE CEILING, MATCHING CONDENSING UNIT ON ROOF, AND ALL ASSOCIATED MECHANICAL AND ELECTRICAL INSTALLATION.
24. REMOVE ALL ABANDONED MECHANICAL AND ELECTRICAL INSTALLATION FROM ABOVE CEILING IN THIS AREA.
25. REMOVE ABANDONED CONDENSING UNIT ON ROOF AND ASSOCIATED MECHANICAL AND ELECTRICAL INSTALLATION.
26. REMOVE EXISTING TWINNED FURNACE AND EVAPORATOR COIL IN MEZZANINE MECHANICAL ROOM AND MATCHING CONDENSING UNIT ON ROOF AND ALL ASSOCIATED MECHANICAL AND ELECTRICAL INSTALLATION TAKEN OUT OF SERVICE. EXISTING DUCTWORK AND GAS PIPING TO REMAIN, MODIFY AS REQUIRED TO CONNECT TO NEW FURNACE. SEE NEW WORK PLANS FOR ADDITIONAL INFO. FIELD VERIFY EXACT REQUIREMENTS.
27. REMOVE EXISTING COMBUSTION AIR DUCT INTO MEZZANINE MECHANICAL ROOM. RE-USE EXISTING LOUVER FOR O.A. INTAKE. SEE NEW WORK PLANS FOR ADDITIONAL INFO.
28. REMOVE EXISTING SUPPLY AIR GRILLES IN WALL. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT AND G.C. FIELD VERIFY EXACT LOCATIONS.
29. REMOVE EXISTING GAS PIPING ON ROOF TAKEN OUT OF SERVICE BACK TO EXISTING METER. FIELD VERIFY EXACT LOCATION.
30. EXISTING GAS METER TO REMAIN.
31. REMOVE LIGHT FIXTURE AND RETAIN FOR REINSTALLATION AS PART OF NEW WORK.

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JOHN F. LEWIS SMITH
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31 July 2023
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1 ASI #1 9/13/2023

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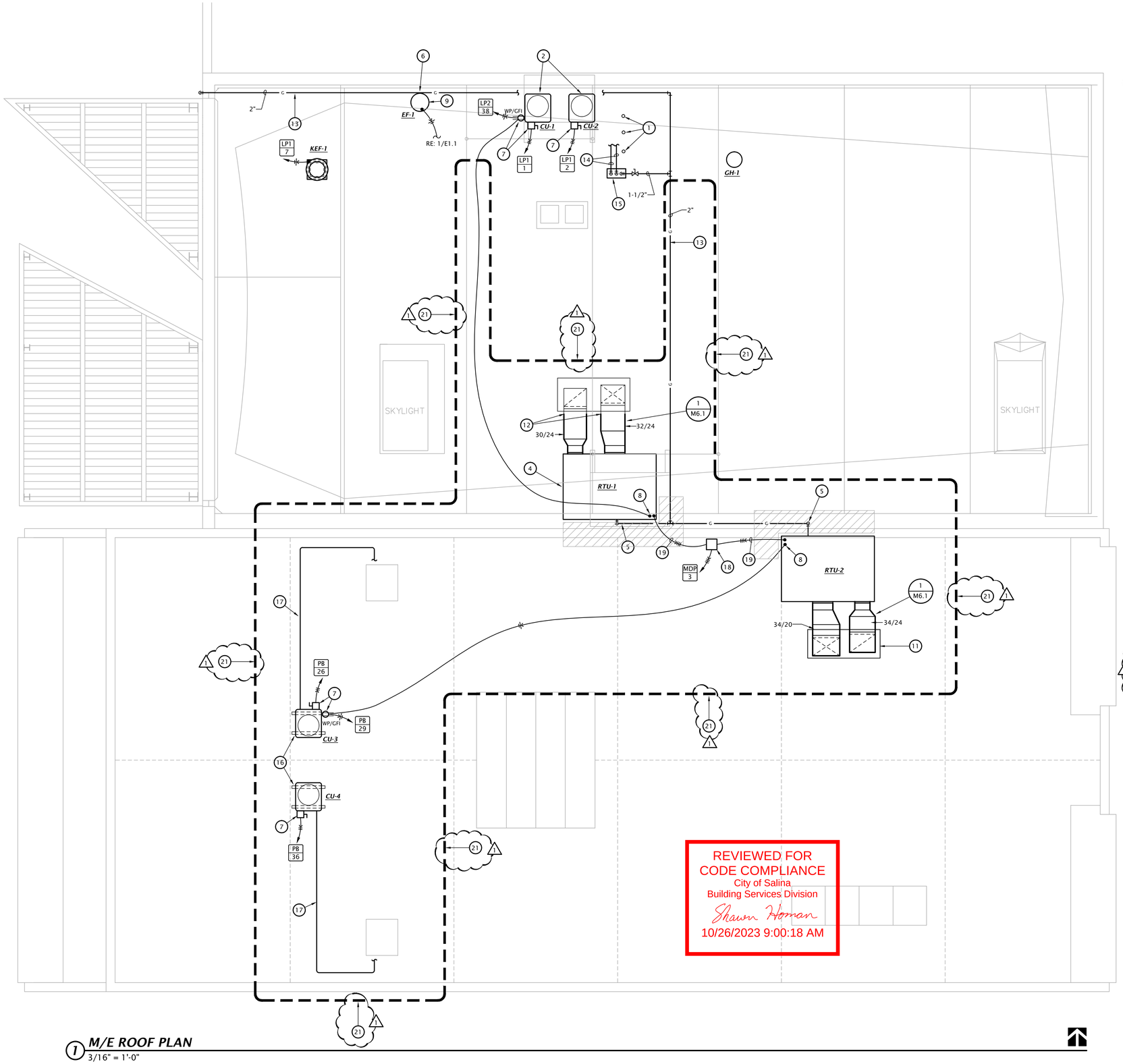

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1 M/E ROOF PLAN
3/16" = 1'-0"

M/E NOTES BY SYMBOL

1. CONCENTRIC VENT TERMINATION. MAINTAIN 10'-0" MIN. FROM O.A. INTAKE.
2. LOCATE CONDENSING UNIT ON LEVEL STAND ON ROOF. MODIFY EXISTING STRUCTURAL STAND AS REQUIRED AND PROVIDE WORK PLATFORM WITH RAILING. COORDINATE EXACT REQUIREMENTS WITH G.C. AND STRUCTURAL ENGINEER.
3. TRANSITION TO SIDE DISCHARGE CONNECTION AT ROOF TOP UNIT.
4. LOCATE ROOF TOP UNIT AT EXISTING EQUIPMENT SUPPORT STAND. MODIFY EXISTING STAND AS REQUIRED AND PROVIDE WITH WORK PLATFORM WITH RAILING. COORDINATE EXACT REQUIREMENTS WITH STRUCTURAL ENGINEER AND G.C.
5. CONNECT 1-1/2" GAS TO NEW ROOF TOP UNIT. PROVIDE GAS COCK, UNION, AND DIRT LEG.
6. LOCATE EXHAUST FAN AT LOCATION OF EXISTING EXHAUST FAN AND RE-USE EXISTING ROOF PENETRATION. MODIFY EXISTING INSTALLATION AS REQUIRED FOR NEW EQUIPMENT. COORDINATE REQUIREMENTS WITH G.C.
7. INSTALL RECEPTACLE AND DISCONNECT SWITCH ON UNISTRUT FRAME, SUPPORTED FROM EQUIPMENT SUPPORT RAILS.
8. CONNECT UNSWITCHED 120V CIRCUIT TO FACTORY INSTALLED RECEPTACLE AT ROOFTOP UNIT.
9. SWITCH EXHAUST FAN WITH RESTROOM LIGHTS. SEE DETAIL 2, SHEET E6.1.
10. MOUNT ROOF TOP UNIT ON STAND ON ROOF. COORDINATE WITH STRUCTURAL ENGINEER.
11. PROVIDE ROOF CURB WITH CAP AND PENETRATE SIDEWALL OF CURB WITH DUCTWORK. SEE DETAIL 3:M6.2. COORDINATE INSTALLATION WITH G.C.
12. CONNECT TO EXISTING SUPPLY AND RETURN DUCT ON ROOF. MODIFY EXISTING DUCTWORK AS REQUIRED. FIELD VERIFY EXACT REQUIREMENTS.
13. SUPPORT GAS PIPING ON ROOF WITH PRE-FABRICATED ROOF TOP SUPPORTS EQUAL TO ERICO PYRAMID. SEE DETAIL 2:M6.2.
14. ROUTE REFRIGERANT PIPING FROM CONDENSING UNIT TO MATCHING EVAPORATOR COIL.
15. PROVIDE ROOF CURB AT REFRIGERANT PIPING AND GAS PIPING ROOF PENETRATION. PROVIDE PIPING PENETRATION ASSEMBLY EQUAL TO ALTA PRODUCTS SIGRIST PIPE CHASE HOUSING WITH CURB AND EXIT SEALS FOR REFRIGERANT PIPING, ELECTRICAL CONDUIT, GAS PIPING, AND ADDITIONAL SPARE EXIT SEAL. COORDINATE EXACT REQUIREMENTS WITH G.C.
16. MOUNT CONDENSING UNIT ON ROOF RAILS COMPATIBLE WITH ROOF TYPE AND SLOPE. COORDINATE EXACT REQUIREMENTS WITH STRUCTURAL ENGINEER AND G.C.
17. ROUTE REFRIGERANT PIPING FROM CONDENSING UNIT TO MATCHING EVAPORATOR COIL. PENETRATE EXISTING WALL INTO MEZZANINE MECHANICAL ROOM. SEAL PENETRATION WEATHER TIGHT. FIELD VERIFY EXACT REQUIREMENTS AND ROUTING WITH EXISTING CONSTRUCTION. SUPPORT REFRIGERANT PIPING ON ROOF WITH PREFABRICATED ROOF TOP SUPPORTS SIMILAR TO GAS PIPING. SEE DETAIL 2:M6.2.
18. PROVIDE NEMA 1 ENCLOSURE ABOVE ACCESSIBLE CEILING OF SPACE BELOW AND TAP/EXTEND HOMERUN FEEDER TO EACH 'RTU'.
19. TAP CONDUCTORS TO SERVE 'RTU-1' SHALL BE 3#2, #6G, 1-1/4"C. DO NOT EXCEED 25'-0" TOTAL LENGTH.
20. TAP CONDUCTORS TO SERVE 'RTU-2' SHALL BE 3#1, #6G, 1-1/4"C. DO NOT EXCEED 25'-0" TOTAL LENGTH.
21. ALL MECHANICAL AND ELECTRICAL WORK WITHIN THIS AREA IS NOT PART OF THIS SCOPE OF WORK AND SHALL NOT BE INCLUDED AS PART OF THIS PROJECT. OWNER WILL COMPLETE THIS WORK UNDER A SEPARATE CONTRACT AT A LATER DATE.

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KANSAS
PROFESSIONAL ENGINEER

REVISION:
1 ASI #1 9/13/2023

DATE: 07-31-2023
JOB: 21-3166
SHEET NO.:

ME1.1

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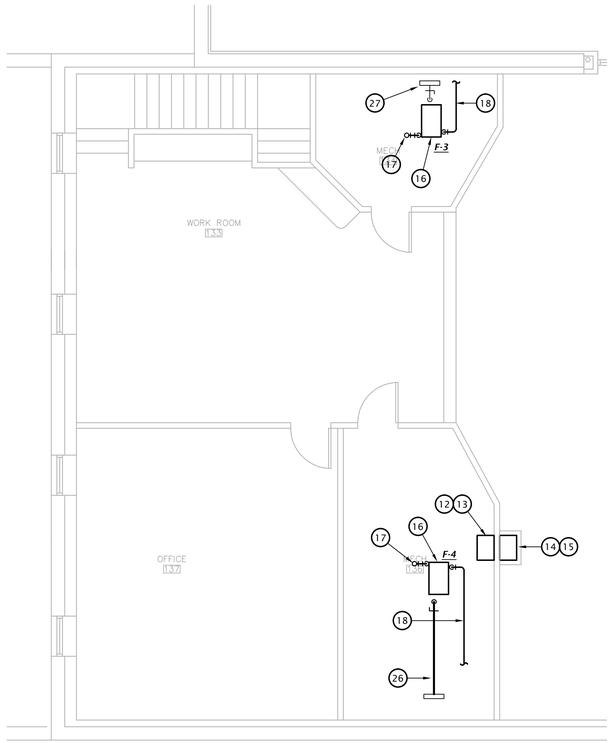
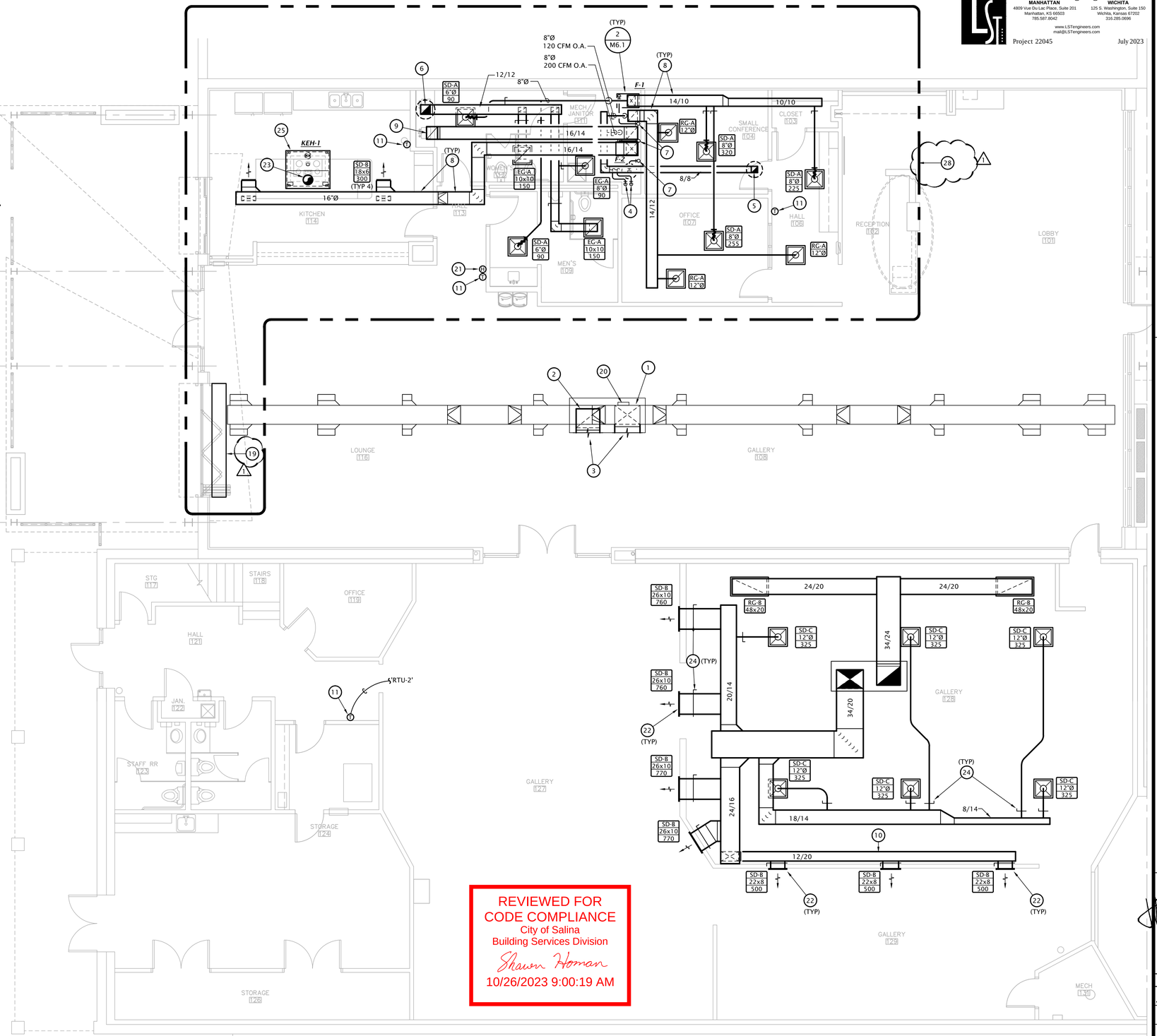
HVAC NOTES BY SYMBOL

1. CONNECT TO EXISTING SUPPLY DUCTWORK. FIELD VERIFY EXACT SIZE AND LOCATION.
2. TERMINATE RETURN AIR DUCT WITH ELBOW DOWN THROUGH EXISTING CURB. FIELD VERIFY EXACT LOCATION OF EXISTING.
3. SEE CONTINUATION ON SHEET ME1.1.
4. ROUTE REFRIGERANT PIPING FROM CONDENSING UNITS ON ROOF TO MATCHING EVAPORATOR COILS. SEE ME ROOF PLAN FOR CONTINUATION.
5. ROUTE 8/8 DUCT UP AND TRANSITION TO CONNECTION AT INTAKE HOOD ON ROOF. SEE ROOF PLAN ON SHEET ME1.1.
6. ROUTE 12/12 EXHAUST UP AND TRANSITION TO CONNECTION AT EXHAUST FAN ON ROOF. LOCATE EXHAUST FAN TO RE-USE EXISTING EXHAUST ROOF PENETRATION. COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS. SEE ROOF PLAN ON SHEET ME1.1.
7. ROUTE INTAKE AND VENT PIPING FROM EACH FURNACE AND WATER HEATER UP TO MANUFACTURER'S CONCENTRIC VENT ROOF TERMINATION. MAINTAIN 10'-0' MIN. FROM ALL O.A. INTAKES. SEE ROOF PLAN ON SHEET ME1.1.
8. ROUTE DUCTWORK BEWETEEN AND THROUGH TRUSSES WEHRE POSSIBLE.
9. TERMINATE RETURN DUCT WITH ELBOW UP.
10. ROUTE DUCT IN SOFFIT BELOW CEILING. COORDINATE WITH ARCHITECT.
11. COORDINATE EXACT THERMOSTAT LOCATION WITH OWNER PRIOR TO ROUGH-IN. PROVIDE REMOTE TEMPERATURE AND HUMIDITY SENSORS IN RETURN AT ROOF TOP UNIT.
12. PROVIDE STEAM HUMIDIFIER EQUAL TO NEPTRONIC MODEL SKE4-N10M, 30LB/HR CAPACITY, SSR MODULATING CONTROL, 10KW, 240/1PH, INTERNAL DRAIN COOLER TO REDUCE DRAIN WATER TO 140'F, PROVIDE WITH MANUFACTURER'S MODEL SF SDU4-2-REM-240 SPACE DIFFUSION UNIT, MODEL HRO20 WALL MOUNTED MODULATING HUMIDITY CONTROLLER WITH ELECTRONIC DISPLAY, AND MODEL SHS20 WALL MOUNTED HIGH LIMIT HUMIDISTAT. MOUNT UNIT ON WALL IN CLOSET IN MEZZANINE. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. COORDINATE EXACT CONTROLLER AND HIGH LIMIT HUMIDISTAT LOCATION WITH OWNER.
13. ROUTE DRAIN FROM HUMIDIFIER TO NEAREST FLOOR DRAIN OR OPEN HUB DRAIN IN MECH. CLOSET. FIELD VERIFY EXACT LOCATION.
14. MOUNT HUMIDIFIER SPACE DISPERSION UNIT ABOVE ARCHITECTURAL MOLDING AND 55" MIN. BELOW CEILING.
15. PROVIDE DRAIN PAN BELOW HUMIDIFIER SPACE DISPERSION UNIT AND SLOPE TO DRAIN THROUGH WALL INTO MECH. CLOSET. DRAIN PAN SHALL EXTEND 3" BEYOND EDGE OF SPACE DISPERSION UNIT WITH 2.5" LIP. PROVIDE 3/4" DRAIN TO NEAREST FLOOR DRAIN OR OPEN HUB PIPE IN MECH. CLOSET. FIELD VERIFY EXACT REQUIREMENTS.
16. CONNECT NEW FURNACE TO EXISTING DUCTWORK. MODIFY EXISTING DUCTWORK AS REQUIRED. FIELD VERIFY EXACT REQUIREMENTS. SEE DETAIL 2:M6.1 FOR ADDITIONAL INFO.
17. PROVIDE NEW INTAKE AND FLUE FROM FURNACE TO MANUFACTURER'S CONCENTRIC VENT ROOF TERMINATION. RE-USE EXISTING ROOF PENETRATION.
18. ROUTE REFRIGERANT PIPING FROM CONDENSING UNIT ON ROOF TO EVAPORATOR COIL AT FURNACE. SEE ROOF PLAN FOR CONTINUATION.
19. ALTERNATE BID #1: PROVIDE AIR CURTAIN EQUAL TO POWERED AIRE MODEL BCT-4-144, 12' LONG, (4) 1/2HP MOTORS, 208/230 V. PROVIDE WITH HAND/ OFF/ AUTO SWITCH AND MAGNETIC DOOR SWITCH FOR ACTIVATION. COORDINATE EXACT MOUNTING REQUIREMENTS WITH ARCHITECT AND G.C. 1
20. EXISTING DUCT MOUNTED HUMIDIFIER TO REMAIN. MODIFY EXISTING INSTALLATION AS REQUIRED FOR NEW WORK. FIELD VERIFY EXACT REQUIREMENTS.
21. RELOCATE HUMIDISTAT FOR EXISTING HUMIDIFIER TO REMAIN. MODIFY EXISTING CONTROL WIRING AND ASSOCIATED INSTALLATION AS REQUIRED. FIELD VERIFY EXACT REQUIREMENTS.
22. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF ALL WALL MOUNTED AIR DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.
23. PROVIDE 12"Ø FACTORY BUILT GREASE DUCT EQUAL TO MIFAB MODEL 3G LISTED TO UL1978 AND RATED FOR 0" CLEARANCE TO COMBUSTIBLES. CONNECT TO HOOD AND ROUTE UP TO EXHAUST FAN ON ROOF. INSTALL GREASE DUCT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PROVIDE ALL REQUIRED SUPPORTS, FITTINGS, AND ACCESSORIES FOR A COMPLETE INSTALLATION.
24. PROVIDE BALANCING DAMPERS ABOVE GYP CEILINGS WITH REMOTE ACTUATORS.
25. SEE SHEET M6.3 FOR KITCHEN HOOD SCHEDULE AND DETAILS.
26. PROVIDE 6"Ø O.A. DUCT FROM EXISTING LOUVER TO RETURN SIDE OF FURNACE AND BALANCE TO 100 CFM.
27. RE-BALANCE EXISTING O.A. DUCT TO 100 CFM. ENSURE CONNECTION TO LOUVER IS SEALED WEATHER TIGHT.
28. ALL MECHANICAL WORK OUTSIDE OF THIS AREA IS NOT PART OF THIS SCOPE OF WORK AND SHALL NOT BE INCLUDED AS PART OF THIS PROJECT. OWNER WILL COMPLETE THIS WORK UNDER A SEPARATE CONTRACT AT A LATER DATE. 1



2 MEZZANINE FLOOR PLAN - HVAC
3/16" = 1'-0"



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1 1ST FLOOR PLAN - HVAC
3/16" = 1'-0"

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Project 22045 July 2023

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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

JOHN E. LEWIS SMITH 14654 31 July 2023 KANSAS PROFESSIONAL ENGINEER

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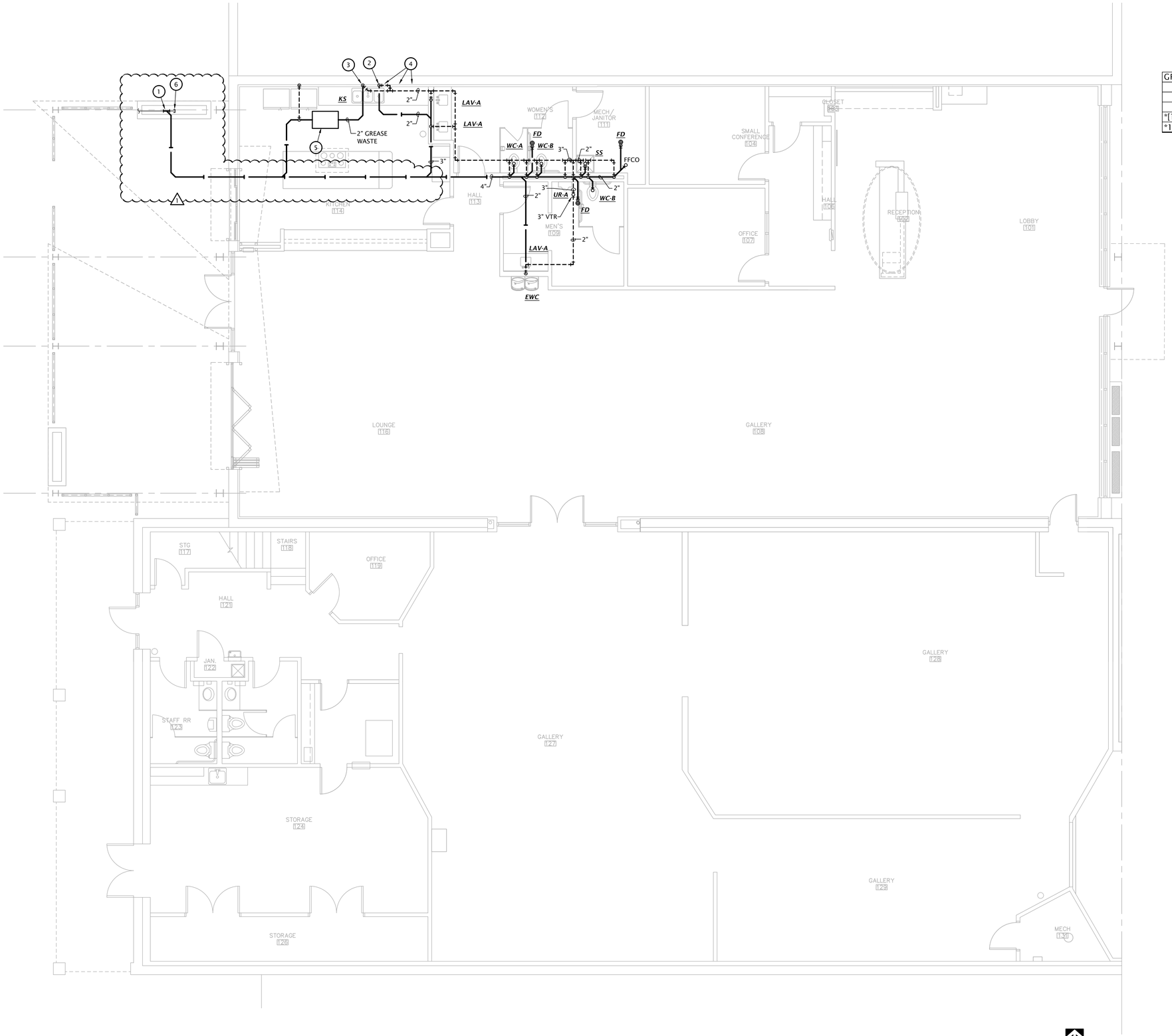

1 FLOOR PLAN - WASTE AND VENT

3/16" = 1'-0"

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GREASE INTERCEPTOR SIZING					
FIXTURE	QUANTITY	DFU EA.	GPM EA.	GPM TOTAL	MIN. G.I. FLOWRATE
					14.54
SINK	2	-	7.27	14.54	
*[16"x14"x10")x2]/231 = 19 GAL. x 0.75 FULL = 14.54 GAL.					
*14.54 GAL./ 2 MIN DRAIN = 7.27 GPM					

WASTE AND VENT NOTES BY SYMBOL

1. CONNECT TO EXISTING 4" DRAIN. FIELD VERIFY EXACT SIZE AND LOCATION.
2. PROVIDE 2" DRAIN WITH 1-1/2" VENT AND CONNECT SINK BASIN WITH GARBAGE DISPOSER.
3. PROVIDE 2" DRAIN WITH 1-1/2" VENT AND CONNECT SINK BASINS WITHOUT GARBAGE DISPOSER TO GREASE WASTE PIPING.
4. CONNECT TWO DISHWASHERS TO CONNECTION AT GARBAGE DISPOSER. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS.
5. PROVIDE SCHIER MODEL GB2 HYDROMECHANICAL GREASE INTERCEPTOR, RATED FOR 35 GPM. MOUNT INTERCEPTOR RECESSED WITH TOP FLUSH WITH FINISHED FLOOR. INTERCEPTOR SHALL BE ASME A112.143 CERTIFIED. FIELD COORDINATE EXACT LOCATION AND COORDINATE INSTALLATION WITH G.C.
6. DISCONNECT AND CAP EXISTING PIPING EAST OF NEW SANITARY SEWER CONNECTION.

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JOSEPH E. LEWIS SMITH
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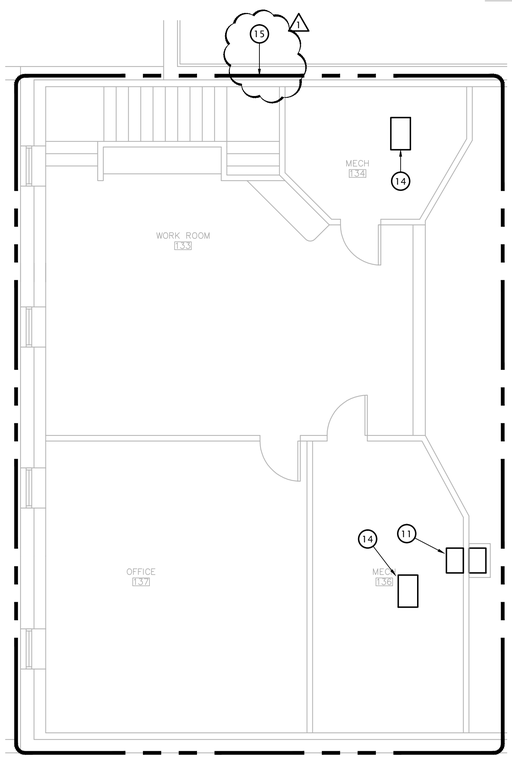
WATER AND GAS NOTES BY SYMBOL

1. CONNECT 3/4" GAS TO EACH FURNACE. PROVIDE GAS COCK, UNION, AND DIRT LEG.
2. CONNECT 1" GAS TO WATER HEATER. PROVIDE GAS COCK, UNION, AND DIRT LEG.
3. 1-1/2" GAS PIPING UP THROUGH ROOF. SEE ROOF PLAN ON ME1.1 FOR CONTINUATION.
4. ROUTE 1/2" WATER DOWN IN WALL AND BELOW FLOOR TO ICE MAKER CONNECTION BOXES AT ISLAND. PROVIDE SHUTOFF VALVE WITH ACCESS PANEL PRIOR TO DROPPING BELOW FLOOR. PIPING BELOW SLAB SHALL BE PEX AND NO FITTINGS SHALL BE USED BELOW SLAB. COORDINATE LOCATION OF RISER IN CABINETRY WITH G.C.
5. PROVIDE 1/2" VALVED HW BRANCH BELOW SINK AND CONNECT EACH OF TWO DISHWASHERS. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS.
6. MOUNT ICE MAKER CONNECTION BOX IN CABINETRY BELOW COUNTER AND CONNECT ICE MAKERS. COORDINATE EXACT REQUIREMENTS WITH G.C. AND EQUIPMENT PROVIDED BY OTHERS.
7. EXISTING WATER METER AND WATER SERVICE TO REMAIN.
8. CONNECT TO EXISTING 1" OR LARGER WATER PIPING SERVING NORTH BUILDING. PROVIDE SHUT-OFF VALVE IN ACCESSIBLE LOCATION, AND MODIFY EXISTING PIPING AS REQUIRED. FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPINGNOTE NOT USED.
9. PROVIDE NEW 1/2" CW BRANCH WITH SHUT-OFF VALVE AND RE-CONNECT WATER TO EXISTING HUMIDIFIER TO REMAIN IN DUCTWORK FROM RTU-1. FIELD COORDINATE EXACT REQUIREMENTS WITH EXISTING EQUIPMENT. MODIFY EXISTING INSTALLATION AS REQUIRED. SEE HVAC DRAWINGS FOR ADDITIONAL INFO.
10. ALL WATER PIPING ROUTED EXPOSED THROUGH AREAS WITHOUT CEILINGS SHALL BE COPPER. COORDINATE EXACT ROUTING WITH ARCHITECT PRIOR TO INSTALLATION.
11. CONNECT TO NEAREST EXISTING 3/4" DOMESTIC WATER PIPING AND PROVIDE 1/2" VALVED BRANCH AND CONNECT TO HUMIDIFIER. FIELD COORDINATE EXACT SIZE AND LOCATION OF EXISTING, AND COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED.
12. CONNECT TO DISCHARGE OF GAS METER AND REGULATOR PROVIDED BY KANSAS GAS SERVICE. ROUTE GAS PIPING UP ALONG WALL TO ROOF. SEE ROOF PLAN ON SHEET ME1.1 FOR CONTINUATION.
13. EXISTING GAS METER. TOTAL CONNECTED LOAD = 750 MBH @ 7" W.C. COORDINATE ANY REQUIRED SERVICE MODIFICATIONS WITH G.C. KANSAS GAS SERVICE AND PAY ANY ASSOCIATED FEES.
14. MODIFY EXISTING GAS PIPING AND CONNECT TO NEW FURNACE. PROVIDE GAS GOCK, UNION, AND DIRT LEG. FIELD VERIFY EXACT REQUIREMENTS WITH EXISTING CONDITIONS.
15. ALL MECHANICAL WORK INSIDE OF THIS AREA IS NOT PART OF THIS SCOPE OF WORK AND SHALL NOT BE INCLUDED AS PART OF THIS PROJECT. OWNER WILL COMPLETE THIS WORK UNDER A SEPARATE CONTRACT AT A LATER DATE. 1

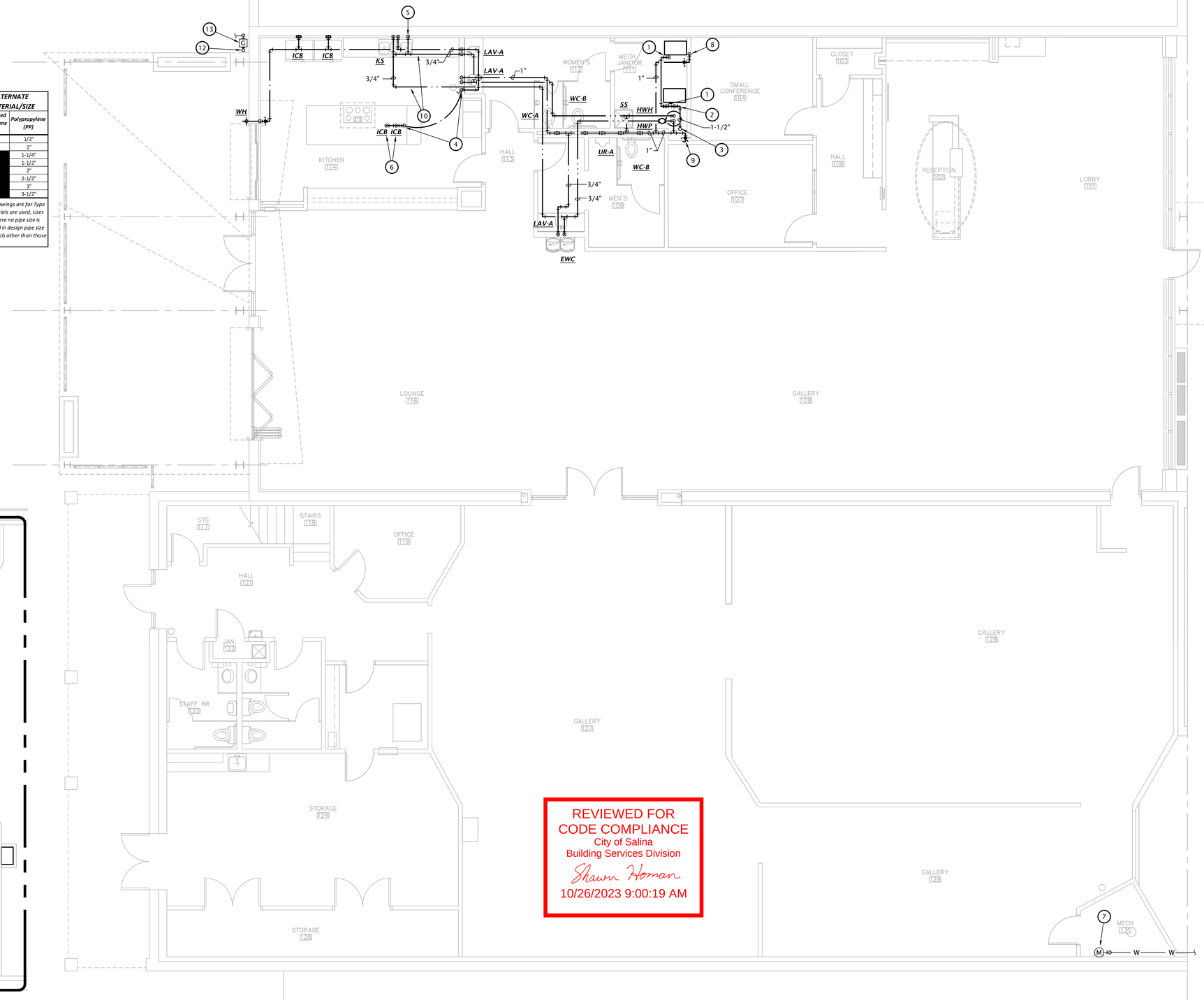
M

		ALTERNATE MATERIAL/SIZE	
		Cross-linked polyethylene (PEX)	Polypropylene (PP)
COPPER PIPE SIZE INDICATED	1/2"	3/4"	1/2"
	3/4"	1"	1"
	1"		1-1/4"
	1-1/4"		1-1/2"
	1-1/2"		2"
	2"		2-1/2"
	2-1/2"		3"
	3"		3-1/2"

Note: Pipe sizes indicated on drawings are for Type L copper pipe. If alternate materials are used, sizes shall be as indicated above. Where no pipe size is shown, use of indicated material in design pipe size is prohibited. Do not use materials other than those listed.



2 MEZZANINE PLAN - DOMESTIC WATER AND GAS
3/16" = 1'-0"



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MECHANICAL SYMBOLS

- THERMOSTAT
- CONTROL CABLE, VERIFY TYPE WITH EQUIPMENT MANUFACTURER
- SQUARE SUPPLY DIFFUSER - TYPE AND AIRFLOW INDICATED
- SQUARE RETURN GRILLE - TYPE INDICATED
- WALL DIFFUSER
- SLOT SUPPLY DIFFUSER
- GRILLE/DIFFUSER TAG
  - TOP: DEVICE TAG (SEE SCHEDULE)
  - MIDDLE: NECK SIZE
  - BOTTOM: AIRFLOW
- MANUAL BALANCING DAMPER
- RECTANGULAR RETURN OR RELIEF AIR DUCT UP
- RECTANGULAR RETURN OR RELIEF AIR DUCT UP
- RECTANGULAR SUPPLY AIR DUCT UP
- RECTANGULAR SUPPLY AIR DUCT DOWN
- RECTANGULAR RETURN OR EXHAUST AIR DUCT DOWN
- ROUND DUCT UP
- ROUND DUCT DOWN
- FLEXIBLE DUCTWORK - MAX 5'
- RIGID DUCT RUNOUT
- 90° ELBOW WITH TURNING VANES
- PIPE TURNING UP
- PIPE TURNING DOWN
- 90° ELBOW
- 45° ELBOW
- TEE
- TEE UP
- TEE DOWN
- D — CONDENSATE DRAIN LINE
- HPS — HEAT PUMP WATER SUPPLY
- HPR — HEAT PUMP WATER RETURN
- CS — COOLING WATER SUPPLY
- CR — COOLING WATER RETURN
- RL — REFRIGERANT LIQUID
- UNION
- BALL VALVE
- GAS COCK
- NATURAL GAS REGULATOR
- CONNECT TO EXISTING

SYMBOL MODIFICATION DESIGNATORS/ABBREVIATIONS

OA	OUTDOOR AIR
RA	RETURN AIR
SA	SUPPLY AIR
NO	NORMALLY OPEN
NC	NORMALLY CLOSED
C	COMMON
BO	BINARY OUTPUT
BI	BINARY INPUT
AO	ANALOG OUTPUT
AI	ANALOG INPUT
DDC	DIRECT DIGITAL CONTROL
MC	MECHANICAL CONTRACTOR
TC	TEMPERATURE CONTROL CONTRACTOR
EC	ELECTRICAL CONTRACTOR
GC	GENERAL CONTRACTOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BG	BELOW GRADE
FG	FINISHED GRADE
FFCO	FINISH FLOOR CLEAN OUT
FWCO	FINISH WALL CLEAN OUT
FGCO	FINISH GRADE CLEAN OUT
UNO	UNLESS NOTED OTHERWISE

GAS FIRED ROOFTOP UNIT SCHEDULE

TAG	MANUF.	MODEL NUMBER	O.A. CFM	SUPPLY FAN			NET COOLING				HOT GAS REHEAT CAPACITY			NAT. GAS MBH INPUT/OUTPUT	WEIGHT (LBS.)	VOLTS / PHASE	MCA	MOCP	NOTES
				CFM	ESP	HP	TOT MBH	SENS MBH	EAT DB/WB	O.A. DB	CAPACITY MBH	LEAVING DB	LEAVING DEW POINT						
RTU-1	TRANE	YSJ210A3S0M	950	5700	1"	3.1	189.21	138.8	73/64	100	166.94	80.85	52.31	320/259.2	2,336	240/3	93	110	1,2,3,4,5,6,7,8,9
RTU-2	TRANE	YSJ240A3S0M	780	6500	1.25"	3.1	210.46	156.95	73/64	100	197	81.28	51.47	250/202.5	2,406	240/3	108	125	1,2,3,4,5,6,7,8,9,10

NOTES:
1. Provide with hail guards.
2. Provide with dehumidification option with hot gas reheat coil, and duct mounted humidity sensor
3. Provide with factory installed and wired circuit breaker, and field wired convenience outlet.
4. Provide with dry bulb economizer with barometric relief.
5. Provide 2" MERV 8 pleated filters.
6. Provide with 7-day programmable thermostat.
7. Provide with hinged service access panels.
8. Provide unit with side discharge.
9. Provide with duct mounted CO2 sensor for demand controlled ventilation.
10. Provide with remote temperature sensor mounted in return duct.

SPLIT SYSTEM SCHEDULE

FURNACE				
MARK	F-1	F-2	F-3	F-4
MANUFACTURER	TRANE	TRANE	TRANE	TRANE
MODEL	S9X2B040U3PSB	S9X2B040U3PSB	S9X2B040U3PSB	S9X2B040U3PSB
SUPPLY AIRFLOW (CFM)	800	1200	1200	1200
ESP ("WG)	0.7	0.7	0.7	0.7
BLOWER SPEED	MED	MED	MED	MED
MOTOR HP	1/2	1/2	1/2	1/2
NAT. GAS INPUT (MBH)	40	40	40	40
NAT. GAS OUTPUT (MBH)	39	39	39	39
MCA	8.8	8.8	8.8	8.8
MOCP	15	15	15	15
VOLTAGE/PHASE	120	120	120	120
EVAPORATOR				
MODEL	4PXCBU30BS3	4PXBU36BS3	4PXBU36BS3	4PXBU36BS3
ENT. AIR DB	80	80	80	80
ENT. AIR WB	67	67	67	67
NET SENS. CAPACITY (MBH)	17.4	25.3	25.3	25.3
NET TOTAL CAPACITY (MBH)	23.2	33.6	33.6	33.6
CONDENSING UNIT				
MARK	CU-1	CU-2	CU-3	CU-4
MANUFACTURER	TRANE	TRANE	TRANE	TRANE
MODEL	4TTR6024N1	4TTR6036J1	4TTR6036J1	4TTR6036J1
O.A. DB	105°F	105°F	105°F	105°F
REFRIGERANT	R410-A	R410-A	R410-A	R410-A
VOLTAGE/PHASE	208/1	208/1	208/1	208/1
MCA	13.4	18.4	18.4	18.4
MOCP	20	30	30	30

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.
3. Provide with 7-day programmable thermostat.
4. Provide with R140a refrigerant.

AIR DEVICE SCHEDULE

MARK	MANUFATURER	MODEL	APPLICATION				FINISH	MOUNTING	DAMPER	DESCRIPTION
			SUPPLY	RETURN	EXHAUST	TRANSFER				
SD-A	PRICE	SCD	•				WHITE	LAY-IN	NO	24"x24" steel square louvered diffuser, neck size as indicated on plans
SD-B	PRICE	520	•				WHITE	SURFACE/ DUCT	NO	Steel double deflection louvered supply grille, neck size as indicated on plans
SD-C	PRICE	SMDA	•				WHITE	GYP	NO	Steel 4-way adjustable louvered supply grille, 15"x15" neck size with square to round adapter as indicated on plans
RG-A	PRICE	PDDR		•			WHITE	LAY-IN	NO	24"x24" Perforated face return grille with neck size as indicated on drawings
RG-B	PRICE	530		•			WHITE	SURFACE	NO	Steel single deflection louvered return grille, neck as indicated on drawings
EG-A	PRICE	PDDR			•		WHITE	LAY-IN	NO	24"x24" Perforated face return grille with neck size as indicated on drawings

GENERAL 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.

EXHAUST FAN SCHEDULE

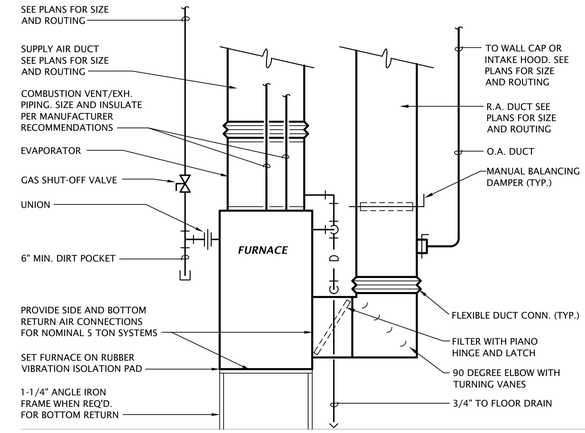
MARK	MANUFACTURER	MODEL	CFM	ESP (" wg)	POWER	VOLTS/ PHASE	NOTES
EF-1	GREENHECK	G-090-VG	470	0.4	1/10 HP	120/1	1

NOTES:
1. Provide with integral disconnect.
2. Provide with speed controller mounted to fan.
3. Provide with roof curb compatible with roof type and slope. Coordinate with G.C.

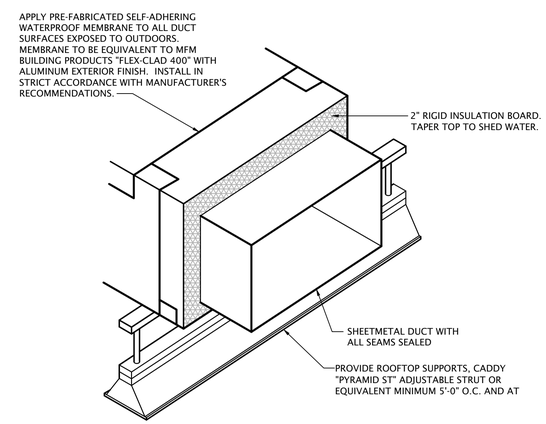
GRAVITY HOOD SCHEDULE

MARK	MANUFACTURER	MODEL	SIZE	FREE AREA (SF)	FINISH	SCREEN	DAMPER	SERVICE	DESCRIPTION	NOTES
GH-1	GREENHECK	GRSR	8	0.37	MILL	BIRD	GRAVITY	RELIEF	ROUND ALUMINUM GRAVITY RELIEF HOOD	1

NOTES:
1. Provide with roof curb compatible with roof construction, coordinate with G.C.



2 VERTICAL FURNACE DETAIL
NO SCALE



1 EXTERIOR DUCT INSTALLATION DETAIL
NO SCALE

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REVISION:

DATE: 07-31-2023
JOB: 21-3166
SHEET NO.:
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Project 22045 July 2023

PLUMBING FIXTURE SCHEDULE

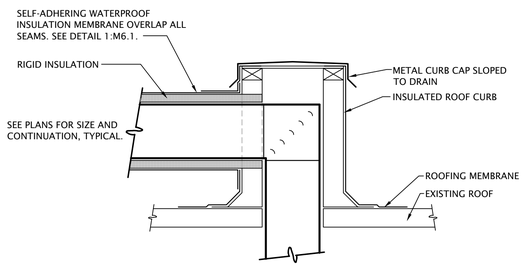
MARK	MANUFACTURER	DESCRIPTION	TRIM		ROUGH-IN SIZES				NOTES
			MANUFACTURER	DESCRIPTION	WASTE	VENT	CW	HW	
WC-A	KOHLER	Model 3998-0 "Wellworth" flush tank water closet, white vitreous china, two piece, 12" rough-in, elongated 14-5/8" high bowl, 1.28 GPF, polished chrome actuator.	KOHLER	#4650-0 Lustra white, open front, plastic seat and cover	4"	2"	1/2"	---	
WC-B	KOHLER	Model 3999-0 "Highline" ADA compliant flush tank water closet, white vitreous china, two piece, 12" rough-in, elongated 16-1/2" high bowl, siphon jet flushing action, 1.28 GPF, polished chrome actuator.	KOHLER	#4650-0 Lustra white, open front, plastic seat and cover	4"	2"	1/2"	---	1
UR-A	KOHLER	Model K-4991-ET "Bardon" urinal, white vitreous china, flush valve wall-hung, 3/4" top spud, elongated flushing rim, washout flushing action, 0.5 GPF. Mount with rim at 17" AFF.	KOHLER	Model K-80UM00G20 manual chrome plated flush valve, 0.5 GPF.	2"	2"	3/4"	---	1,4
LAV-A	KOHLER	Model K-8189-0 undermount lavatory, white vitreous china, 11-1/2" x 15-1/4", faucet holes integral to countertop.	KOHLER	Model 15198-4RA single handle faucet. Provide grid drain. Provide point of use tempering valve.	2"	1-1/2"	1/2"	1/2"	1,2,3,4
KS	JUST	Model TNL-2249-A-GR three compartment 18 GA stainless steel sink, self rimming, 16"Wx14L"x7-1/5"D inside, fully undercoated, faucet holes as req.	DELTA IN-SINK-ERATOR	(2) Model 27C4944 two handle bar sink faucet, 6" gooseneck spout, 1.5 GPM aerator, 4" blade handles, chrome finish. Provide basket strainer. "Badger 5" garbage disposal, 1/2hp, 120V, cord and plug connected.	2"	1-1/2"	1/2"	1/2"	2,4
SS	FIAT	Model MSB-2424 one piece molded stone mop basin, 24" square, stainless steel integral drain body with caulk connection, stainless steel wall guards.	CHICAGO FAUCETS	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"	3/4"	4
EWC	ELKAY	Model EZSTL8WSLK ADA compliant dual height, self-contained water cooler with stainless steel basin, front push bar actuator, bottler filler, lead-free cooling system capable of cooling 8.0 GPH, 120 volts.			2"	1-1/2"	1/2"	---	
WH	WOODFORD	Model 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"	---	
ICB	WATER TITE	Model W9700 ice maker connection box with 1/4 turn ball valve and 1/2" sweat copper connection.			---	---	1/2"	---	
FD	WADE	1100 series floor drain with 6" satin nickel bronze strainer. Provide trap protection device equal to ProSet Trapguard.			2"	1-1/2"	---	---	
HWH	A.O. SMITH	Model GDHE-50, 50 gallon 96% efficient gas water heater, direct vent, 100,000 BTUH input, 129 GPH recovery @ 100°F temp rise. Supplied with temperature & pressure relief valve and brass drain valve. Provide with manufacturer's concentric vent kit.							
HWP	BELL & GOSSETT	Model NBF-36, three speed circulation pump, bronze body, 10 GPM @ 10' head, 120 VAC. Provide clamp-on aquastat for pump control.							

GENERAL:

- Provide fixtures with all trim necessary for complete installation

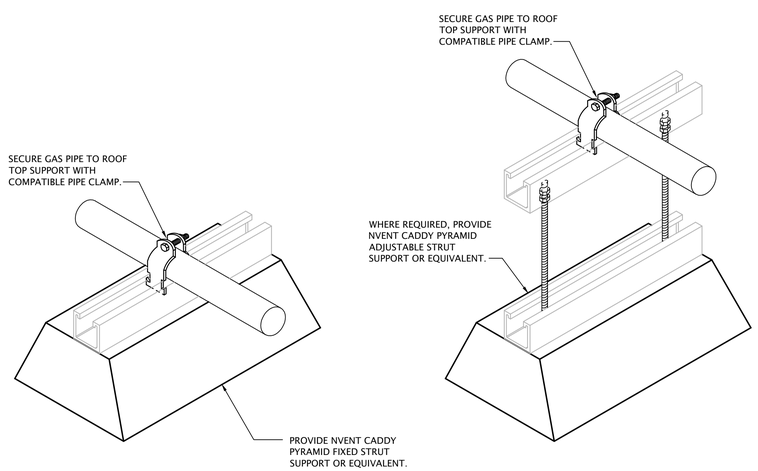
NOTES:

1. Fixture and installation to meet requirements of Americans with Disabilities Act.
2. Provide 1/4 turn angle stops with escutcheon plates, and chrome plated or braided stainless steel supplies, and 1-1/4" cast brass p-trap.
3. Insulate water and waste piping below lavatory. Utilize insulation kit equivalent to LavGuard by Truebro.
4. Trim shall be provided with polished chrome finish.



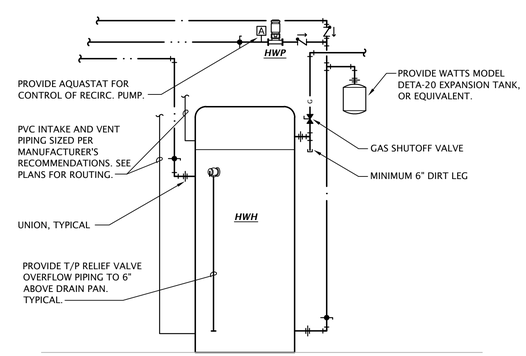
3 DUCT THROUGH ROOF DETAIL

NO SCALE



2 GAS PIPE ROOF SUPPORT DETAIL

NO SCALE



1 WATER HEATER DIAGRAM

SCALE: NOT TO SCALE

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Building Services Division
Shawn Homan
10/26/2023 9:00:19 AM

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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

JOHN F. LEWIS SMITH 14654 31 July 2023 KANSAS PROFESSIONAL ENGINEER

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Project 22045 July 2023

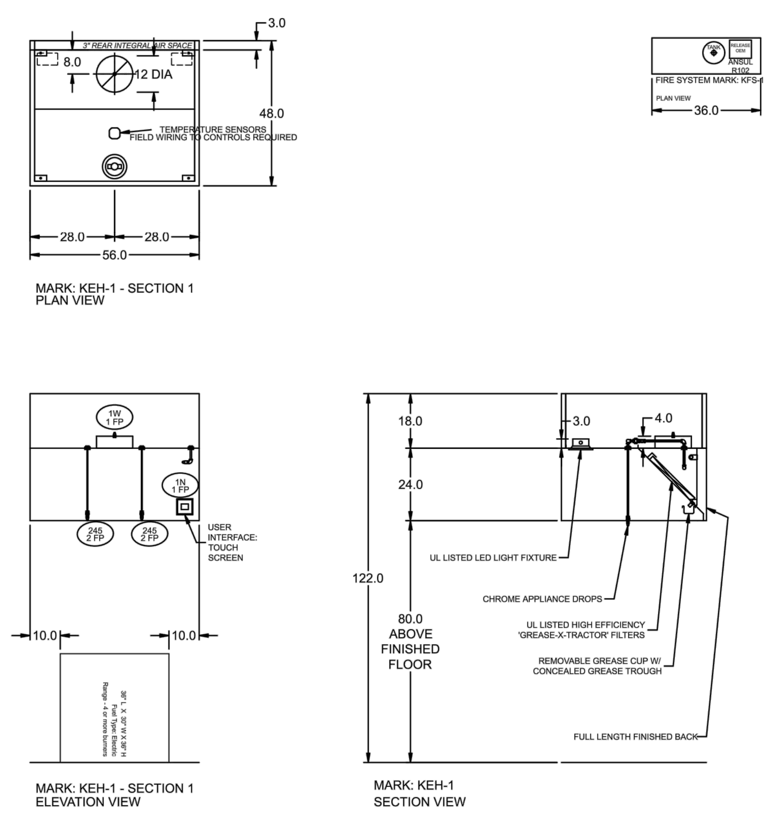
HOOD INFORMATION

HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.) LENGTH	WIDTH	HEIGHT	HOOD CONSTR.	COOKING LOAD / DUTY RATING	EXHAUST TOTAL CFM	COLLAR(S) WIDTH	LENGTH	DIA.	CFM	S.P.	SUPPLY MUA CFM	AC CFM	TOTAL WEIGHT LBS.	SECTION LOCATION
1	KEH-1	XXEW-56-S	56	48	24	430 SS WHERE EXPOSED	MEDIUM	1260			12	1260	0.865			166.111	SINGLE

HOOD INFORMATION

HOOD NO.	MARK	LIGHTING DETAILS FIXTURE TYPE BULB / LAMP INFO	QTY	FOOT CANDLES	GREASE FILTRATION DETAILS TYPE / MODEL MATERIAL	QTY	SIZE (IN.) L	H	UTILITY CABINET(S) LOCATION	FIRE SYSTEM TYPE	SIZE	CONTROLS MODEL	INTERFACE
1	KEH-1	ROUND LED	1	53.89	X-TRACTOR STAINLESS STEEL	2	16	20					
						1	20		WALL	ANSUL R102	3		

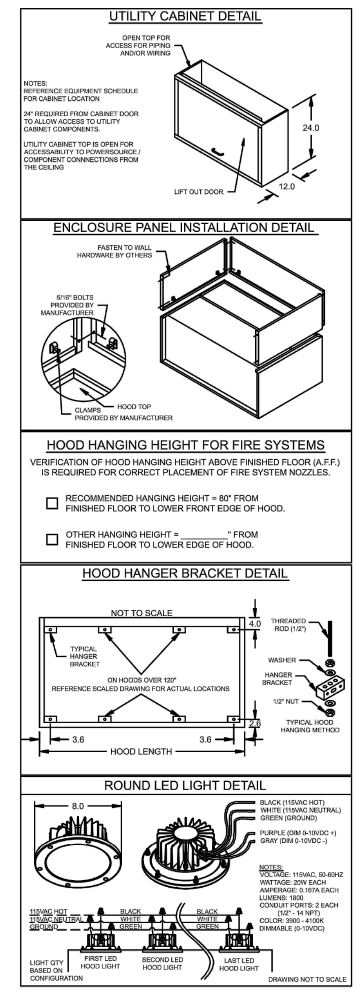
HOOD OPTIONS
- UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
- BACK INTEGRAL AIR SPACE - 3 IN WIDE
- FINISHED BACK - FULL LENGTH
- 18 IN HIGH CEILING ENCLOSURES - FRONT BACK LEFT RIGHT - FIELD INSTALLED
- FACTORY MOUNTED EXHAUST COLLAR(S)
- WALL UTILITY CABINET 24 IN HIGH 36 IN LONG 12 IN WIDE
- PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
- STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



MARK: KEH-1 - SECTION 1
PLAN VIEW

MARK: KEH-1 - SECTION 1
ELEVATION VIEW

MARK: KEH-1
SECTION VIEW



SALINA ARTS CENTER
KEH-1
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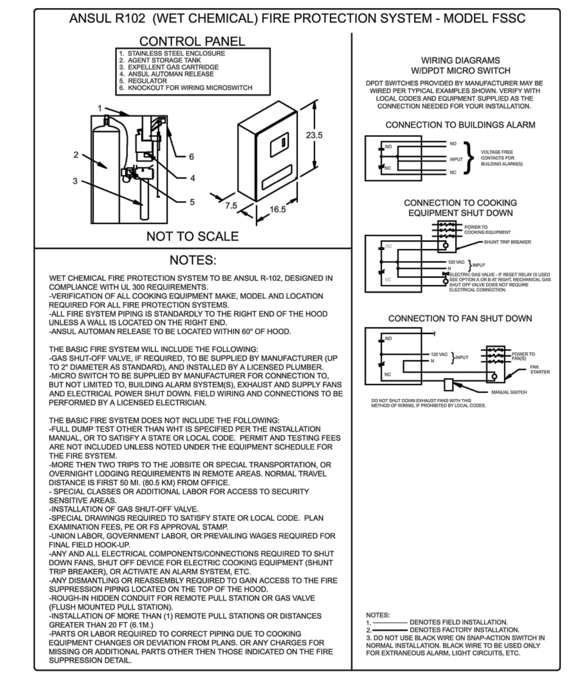
FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS HOODS	PCU	SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
KFS-1	ANSUL R-102 WET CHEMICAL	WALL CABINET – ON KEH-1	6 UTILIZED 11 AVAILABLE		CONTINUOUS	FUSIBLE LINK	KEH-1 SECTION 1

FIRE SYSTEM OPTIONS AND ACCESSORIES
- FULL INSTALLATION (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND FACTORY COORDINATED INSTALL)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- GAS VALVE - INCLUDED - MECHANICAL SHUTOFF VALVE, 2", (ANSUL) - PART# ANSULMECHSHUTOFFVALVE200
- HOOD SUPPRESSION TANK - INCLUDED - 3 GAL. - [(1) 3.0 TANK(S)]
- REMOTE PULL STATION - STANDARD - FIELD INSTALLATION AT SINGLE POINT OF EGRESS



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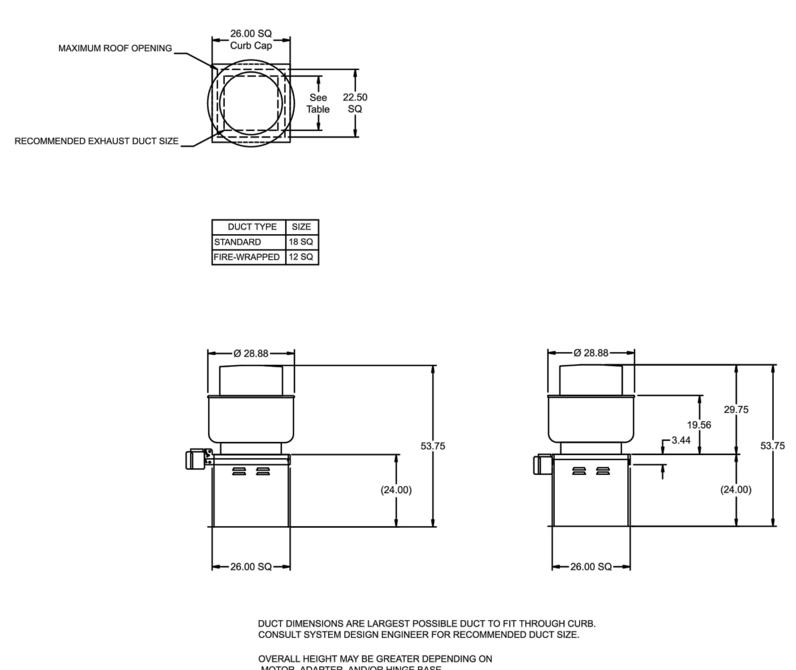
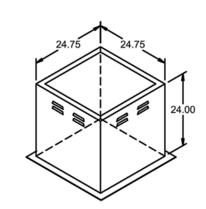
Direct Drive Upblast Centrifugal Roof Exhaust Fan

MARK INFORMATION QTY	MARK	FAN INFORMATION MODEL	VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	MOTOR INFORMATION SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*
1	KEF-1	XRUD-140-VG	1,260	1.615	1,622	0.64	96	1	115/60/1	OP	1725	1	16

*NEC FLA - Based on table 430.250 or 430.248 of National Electrical Code 2020. Actual motor FLA may vary for sizing thermal overload, consult factory"

KEF-1 : SELECTED OPTIONS AND ACCESSORIES
- UL/cUL 705 Listed - Supplement SC - "Power Ventilators for Restaurant Exh. Appliances" (Formerly UL 762)
- Switch, NEMA-3R, Toggle, Shipped with Unit
- Hinge, Factory Installed
- High Temp Curb Seal Rated for Continuous Duty at 1500 F (Factory Attached)
- Grease Trap (PN 475538)





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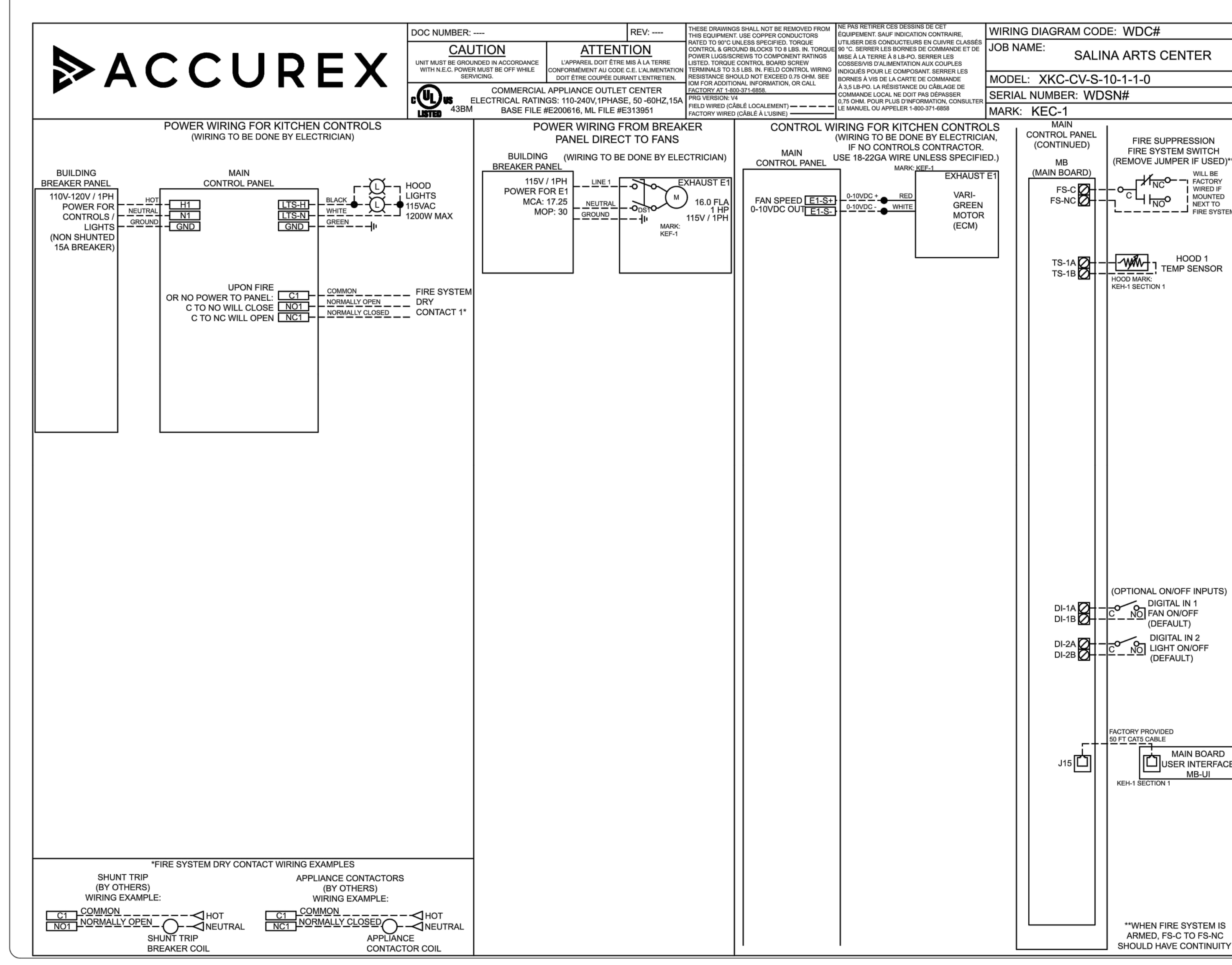
City of Salina
Building Services Division
Shawn Homan
10/26/2023 9:00:19 AM

CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE MODEL	LOCATION	USER INTERFACE TYPE	LOCATION
KEC-1	XKC-CV-S-10-1-1-0	SHIP LOOSE ENCLOSURE	FULL COLOR TOUCHSCREEN	HOOD – FACE MOUNT RIGHT END OF KEH-1 SECTION 1

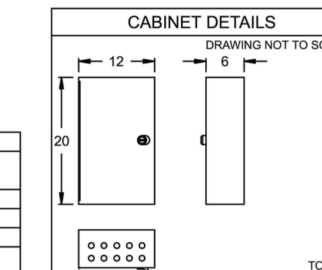
FANS CONTROLLED FAN #	TYPE	FAN	FAN MARK	ZONE	CFM	MOTOR HP	MOTOR VOLT	CYCLE	MOTOR PHASE	MOTOR STARTER IN PANEL	VFD IN PANEL
1	EXHAUST	E1	KEF-1	1	1260	1	115	60	1	NO	NO

CONTROL FEATURES
- HOOD LIGHT CONTROL
- TEMP SENSORS (FACTORY INSTALLED) - QTY. 1
- DRY FIRE CONTACTS - QTY. 1
- LIGHTS OFF DURING FIRE
- EXHAUST MAX DURING FIRE
- SUPPLY OFF DURING FIRE



CABINET DETAILS

DRAWING NOT TO SCALE



TOTAL WEIGHT: 25 LBS

MOUNTING LOCATION:
SHIP LOOSE ENCLOSURE

NOTES:
1) WHEN CONTROLS ARE MOUNTED IN HOOD-MOUNTED OR WALL-MOUNTED UTILITY CABINET, FOR HOOD OR WALL CABINET DIMENSIONS SEE HOOD SUBMITTAL.

2) MINIMUM OF 36" OF CLEARANCE RECOMMENDED IN FRONT OF CONTROL CABINET

USER INTERFACE DETAILS

MOUNTING TYPE
FACTORY MOUNTED:
FACE MOUNT RIGHT SIDE OF HOOD

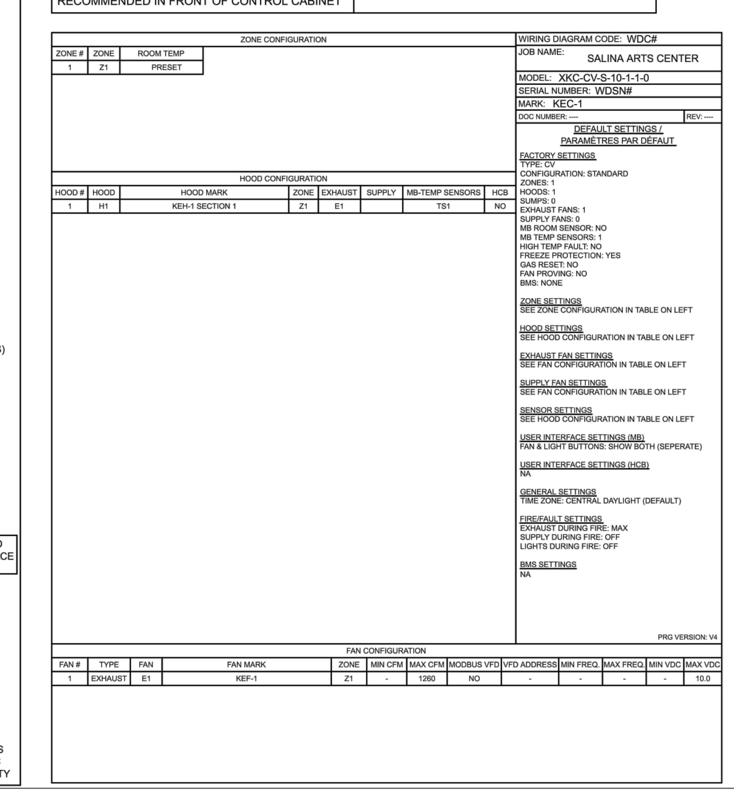
USER INTERFACE CONTROL
FANS AND LIGHTS

INTERFACE CABLE LENGTH
50FT (FACTORY PROVIDED)

ZONE CONFIGURATION

ZONE #	ZONE	ROOM TEMP
1	Z1	PRESET

WIRING DIAGRAM CODE: WDC#
JOB NAME: SALINA ARTS CENTER
MODEL: XKC-CV-S-10-1-1-0
SERIAL NUMBER: WDSN#
MARK: KEC-1
DOC NUMBER: ---- REV: ----
DEFAULT SETTINGS / PARAMÈTRES PAR DÉFAUT
FACTORY SETTINGS
TYPE: CV
CONFIGURATION: STANDARD



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JOHN F. LEWIS-SMITH
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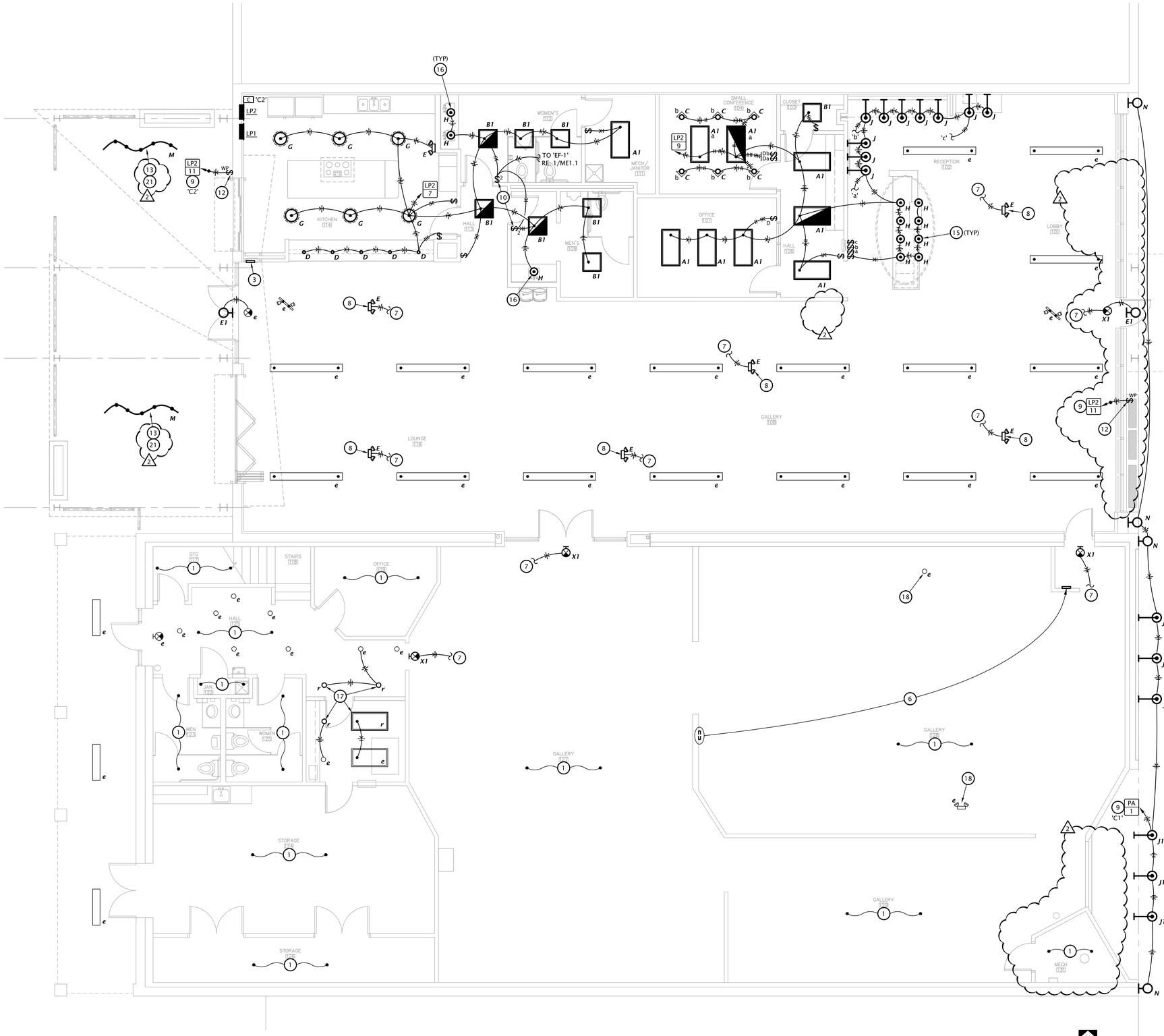

1 FLOOR PLAN - LIGHTING
3/16" = 1'-0"

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. WALL BOX DIMMER SWITCHES SHALL BE 120/277VAC, PRESET TYPE WITH SLIDER, 1200 WATT RATED, AND SHALL PROVIDE DIRECT DIMMING AND SWITCHING CONTROL OF 0-10 VDC DIMMING DRIVERS WITHOUT THE USE OF AN EXTERNAL POWER PACK. CURRENT HLI #PSD710-UNV OR EQUAL. COORDINATE COLOR OF DEVICES WITH ARCHITECT, AND PROVIDE COLOR CHANGE KIT AS REQUIRED (#PSDKIT-LL-##).

D. 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.

LIGHTING PLAN NOTES BY SYMBOL

1. LIGHTING IN THIS AREA IS EXISTING TO REMAIN.
2. CONNECT TO UNSWITCHED 120V LIGHTING CIRCUIT PREVIOUSLY SERVING LIGHTING IN THIS AREA.
3. REINSTALL LIGHTING SWITCHES AND DIMMERS, RETAINED FROM DEMOLITION WORK, AND EXTEND AND RECONNECT CIRCUITRY AS BEFORE.
4. BASE BID: LIGHTING TRACK AND ASSOCIATED TRACK HEADS IN THIS AREA ARE EXISTING TO REMAIN.

   PROJECT ALTERNATE: REPLACE TRACK AND PROVIDE TYPE 'K' TRACK HEADS (QUANTITY NOTED), INSTALLED AT LOCATIONS AS DIRECTED BY OWNER.
5. BASE BID: REINSTALL EXISTING TRACK LIGHTING SYSTEM RETAINED FROM DEMOLITION WORK, AND RECONNECT AS BEFORE.

   PROJECT ALTERNATE: PROVIDE NEW TRACK AND (30) TYPE 'K' TRACK HEADS AND CONNECT TO EXISTING CIRCUITRY AS BEFORE.
6. RELOCATE EXISTING DIMMERS TO NEW LOCATION SHOWN. EXTEND AND RECONNECT EXISTING CIRCUITRY AS REQUIRED.
7. CONNECT TO UNSWITCHED 120V CIRCUIT SERVING LIGHTING IN THIS AREA.
8. SURFACE MOUNT TO UNDERSIDE OF ROOF TRUSS.
9. ROUTE CIRCUIT THROUGH CONTACTOR INDICATED FOR TIMECLOCK CONTROL. SEE DETAIL 4, SHEET E6.1.
10. SWITCH ROOF MOUNTED EXHAUST FAN 'EF-1' WITH RESTROOM LIGHTS. SEE DETAIL 2, SHEET E6.1.
11. NOTE DELETED. (2)
12. PROVIDE WEATHERPROOF TOGGLE SWITCH AND MAKE FINAL CONNECTION TO BUILDING SIGN IN LFMC RACEWAY. COORDINATE REQUIREMENTS WITH SIGN INSTALLER.
13. PROVIDE TYPE 'M' STRING LIGHT UNDER LOUVERED CANOPY. COORDINATE ROUTING AND INSTALLATION WITH OWNER. PLUG STRING LIGHT INTO NEW RECEPTACLE SHOWN ON SHEET E1.2.
14. NOTE DELETED. (2)
15. CUT CORD TO LENGTH FOR 'H' LUMINAIRES OVER WELCOME DESK AS DIRECTED BY ARCHITECT.
16. CUT CORD TO 6" LENGTH FOR 'H' LUMINAIRES OVER RESTROOM SINKS.
17. REINSTALL LUMINAIRE RETAINED FROM DEMOLITION WORK, AND RECONNECT TO EXISTING CIRCUITRY AS SHOWN.
18. REMOVE EMERGENCY LIGHT FROM EXISTING CEILING TILE AND REINSTALL IN NEW CEILING TILE AT SAME LOCATION. (2)
19. NOTE DELETED.
20. NOTE DELETED.
21. PROJECT ALTERNATE: THIS WORK SHALL BE PRICED SEPARATELY AS PART OF ALTERNATE #1.

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JOSEPH F. REVIS SMITH 14654 31 July 2023 KANSAS PROFESSIONAL ENGINEER

REVISION:
1 ADDENDUM #1 8/18/2023
2 ASI #1 9/13/2023

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POWER PLAN NOTES BY SYMBOL

1. REPLACE EXISTING RECEPTACLE WITH NEW GFI RECEPTACLE, AND PROVIDE NEW CAST ALUMINUM, WEATHERPROOF 'WHILE-IN-USE' COVER.
2. EXTEND CIRCUIT FROM EXISTING RECEPTACLE TO NEW RECEPTACLE AT 10'-0" AFF FOR POWER TO NEW STRING LIGHTING.
3. REPLACE EXISTING 20A/1P SWITCH AND COVER PLATE CONTROLLING PATIO RECEPTACLE CIRCUIT TO MATCH OTHER NEW DEVICES.
4. SAW CUT CONCRETE FLOOR AS REQUIRED TO INSTALL NEW CONDUIT(S) SHOWN. PATCH TO MATCH EXISTING.
5. 4-GANG, FULLY ADJUSTABLE, CORROSION RESISTANT STEEL RECESSED FLOOR BOX (HUBBELL #CF84G30CR) WITH TWO 20A DUPLEX RECEPTACLES #PWFBMPCR20GRY), AND TWO COMPARTMENTS FOR OWNER'S COMMUNICATIONS. PROVIDE COMPLETE WITH BLACK FLANGED BLANK ALUMINUM COVER ASSEMBLY (#24GCCVR8K), (1) INTERNAL DECORATOR STYLE DEVICE BRACKET (#FBMPREC) FOR TELECOM OUTLET AND (1) INTERNAL BLANK BRACKET (#FBMPBNK). VERIFY EXACT BOX LOCATION WITH OWNER PRIOR TO COMMENCING WORK.
6. TELECOM BOARD CONSISTING OF 3'x8'x3/4" ACX FIRE RETARDANT PLYWOOD 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.
7. TELECOMMUNICATIONS GROUND BAR: 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 AND PROVIDE #6 CU GROUND TO BUILDING STEEL AND TO EQUIPMENT GROUND BUS OF PANEL 'LP1'. ALL CONNECTIONS TO GROUND BAR SHALL BE MADE USING COMPRESSION TYPE LUGS.
8. ROUTE 120V CIRCUIT FOR HOT WATER RECIRCULATION PUMP ('HWP') THROUGH ADJACENT AQUASTAT. PROVIDE 20A/1P SNAP SWITCH ADJACENT TO PUMP AND MAKE FINAL FLEXIBLE CONNECTION. COORDINATE WITH PLUMBING CONTRACTOR.
9. PROVIDE 20A/1P SNAP SWITCH AND MAKE FINAL FLEXIBLE CONNECTION TO EQUIPMENT IN 'LFMC' RACEWAY.
10. 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.
11. (2) 1-1/2" CONDUITS WITH PULL STRINGS ROUTED OVERHEAD FOR OWNER PROVIDED TELEPHONE AND NETWORK DATA BACKBONE CABLING. CONCEAL OVERHEAD ABOVE CEILINGS WHERE AVAILABLE AND ALONG ROOF TRUSS WHERE EXPOSED TO CONCEAL TO GREATEST EXTENT POSSIBLE. PROVIDE PULL BOX FOR EVERY (2) 90° BENDS. TERMINATE WITH NYLON END BUSHINGS AT NEW TELECOM TERMINAL BOARD AND AT EXISTING MAIN TELECOM BOARD IN MEZZANINE.
12. FOR ALL HARDWIRED KITCHEN EQUIPMENT, MAKE FINAL CONNECTION USING 'FMC' RACEWAY. PROVIDE ENOUGH SLACK CABLE TO REMOVE EQUIPMENT FROM CABINETRY. COORDINATE EXACT REQUIREMENTS WITH KITCHEN EQUIPMENT INSTALLER.
13. MOUNT RECEPTACLE AT BACK OF BASE CABINET BELOW SINK. SPLIT-WIRE RECEPTACLE AND CONNECT ONE CIRCUIT TO EACH HALF.
14. DUCT SMOKE DETECTOR WITH RELAY SUB-BASE MOUNTED IN RTU-2 SUPPLY AIR DUCT. PROGRAM FOR SHUT-DOWN OF HVAC UNIT UPON DETECTION OF SMOKE.
15. HOOD CONTROL PANEL AND FIRE SUPPRESSION SYSTEM CONTROL CABINET. PROVIDE ALL INTERCONNECTING POWER AND CONTROL WIRING TO HOOD LIGHTS, SWITCHES, SHUNT-TRIP BREAKER IN PANEL 'LP1', HOOD TEMP SENSOR, EXHAUST FAN, AND FIRE ALARM SYSTEM AS SHOWN IN WIRING DIAGRAMS ON SHEET M6.3. VERIFY EXACT LOCATION OF PANELS AND ALL REQUIREMENTS WITH HOOD SYSTEM INSTALLER.
16. J-BOX FOR HOOD FIRE SUPPRESSION SYSTEM PULL STATION. INSTALL ROUGH-IN BOX AND CONDUIT PER DETAIL 3, SHEET E6.1.
17. PROVIDE FIRE ALARM SYSTEM ADDRESSABLE MONITORING MODULE TO MONITOR STATUS OF HOOD FIRE SUPPRESSION SYSTEM.
18. REMOVE AREA SMOKE DETECTOR FROM EXISTING CEILING TILE AND REINSTALL IN NEW CEILING TILE AT SAME LOCATION.
19. WORK WITHIN THIS AREA IS NOT PART OF THIS SCOPE OF WORK AND SHALL NOT BE INCLUDED AS PART OF THIS PROJECT. OWNER WILL COMPLETE THIS WORK UNDER A SEPARATE CONTRACT AT A LATER DATE.
20. PROJECT ALTERNATE: THIS WORK SHALL BE PRICED SEPARATELY AS PART OF ALTERNATE #1.

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 SUB CONTRACTORS. 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 AT 46" AFF AND 1/2" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING WITH NYLON BUSHINGS AND PULLSTRING IN RACEWAY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF DEVICES.

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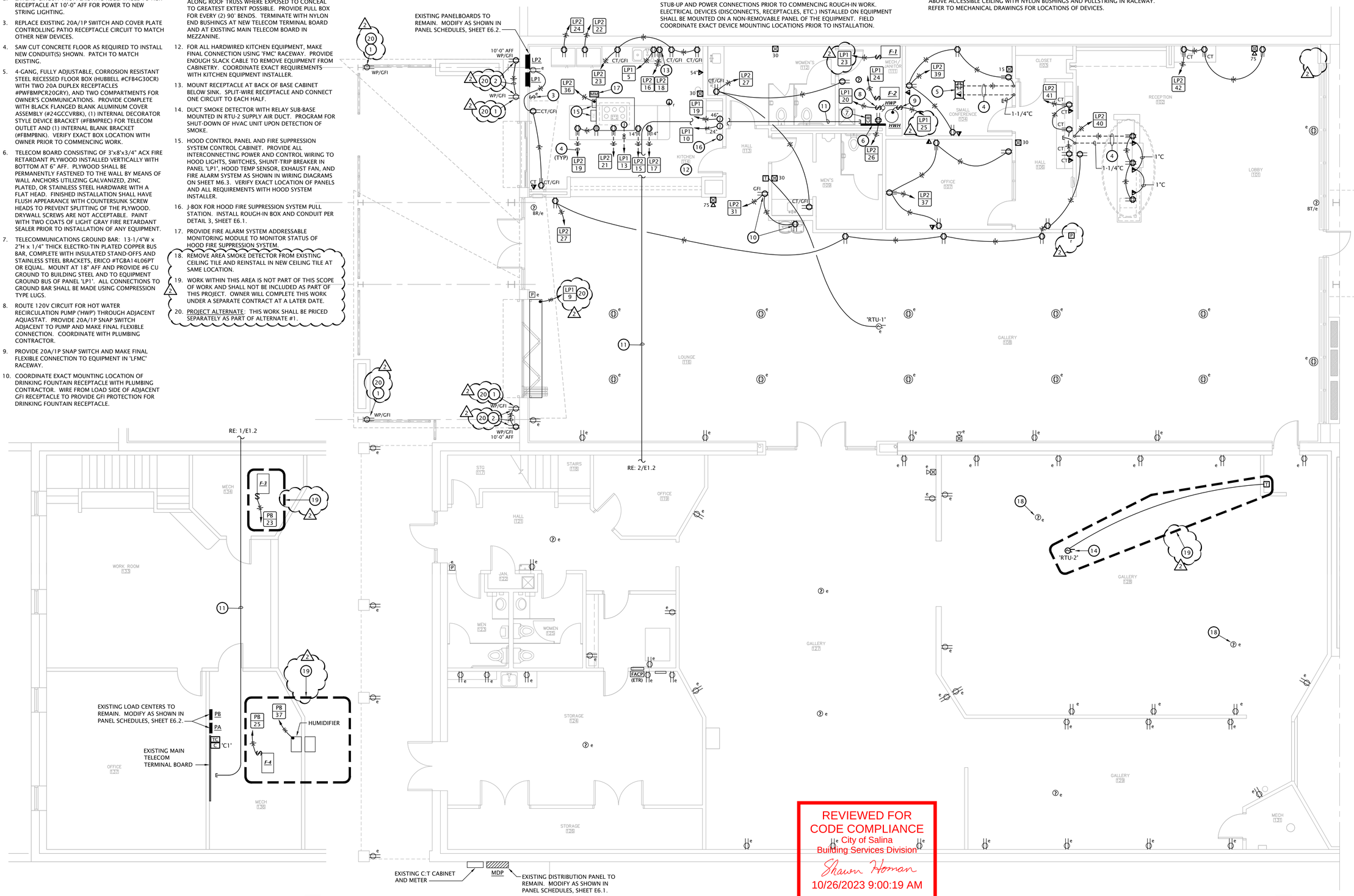
Project 22045 July 2023



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2 MEZZANINE PLAN - POWER
3/16" = 1'-0"

1 FLOOR PLAN - POWER
3/16" = 1'-0"

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SALINA ART CENTER
NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

14654
31 July 2023
KANSAS
PROFESSIONAL ENGINEER

REVISION:
2 ASI #1 9/13/2023

DATE: 07-31-2023
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GENERAL ELECTRICAL NOTES

A. ELECTRICAL EQUIPMENT AND DEVICES SHALL BE "LISTED" AND "IDENTIFIED" AS RATED FOR A MINIMUM OF 75˚C CONDUCTOR TERMINATION.

B. ELECTRICAL DESIGN HAS BEEN BASED ON THE INSTALLATION OF 75˚C CONDUCTORS CONNECTED TO TERMINAL LUGS AND EQUIPMENT U.L. LISTED FOR A MINIMUM 75˚C. CONDUCTORS TERMINATED ON EQUIPMENT WITH A LOWER RATING (60˚C) OR NO RATING SHOWN SHALL HAVE CONDUCTOR SIZE INCREASED TO CONFORM TO NEC TABLE 310-16 AND UL #489 REQUIREMENTS.

C. BRANCH CIRCUIT SIZES SHOWN ON PANEL SCHEDULES ARE MINIMUM, AND ALLOWANCES SHALL BE MADE TO LIMIT VOLTAGE DROP. ALL 15 AMP AND 20 AMP, 120V CIRCUITS OVER 75' LONG SHALL BE INCREASED BY ONE WIRE SIZE, AND OVER 150' LONG SHALL BE INCREASED BY TWO WIRE SIZES .

D. 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.

E. 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.

F. 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

TELECOMMUNICATIONS GENERAL NOTES

A. PROVIDE THE FOLLOWING FOR TELECOMMUNICATIONS OUTLET TYPES INDICATED:

- 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.

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. THIS BUILDING IS PROTECTED BY AN EXISTING ADDRESSABLE FIRE ALARM SYSTEM, FIRE-LITE #MS-10UD. ALL NEW COMPONENTS SHALL BE MANUFACTURED BY FIRE-LITE AND SHALL BE COMPATIBLE WITH EXISTING SYSTEM. ALL FIRE ALARM SYSTEM WORK SHALL BE PERFORMED BY AUTHORIZED FIRE-LITE SYSTEM INSTALLER .

B. DUCT TYPE SMOKE DETECTORS SHALL BE FURNISHED AND WIRED BY FIRE ALARM CONTRACTOR, INSTALLED IN DUCT BY MECHANICAL CONTRACTOR.

C. ALL POWER LIMITED FIRE ALARM CABLING SHALL CONSIST OF INDIVIDUAL INSULATED SOLID COPPER CONDUCTORS IN A OVERALL FLEXIBLE RED PVC JACKET, RATED FOR 300V, AND SHALL BE PLENUM RATED (NEC TYPE FPLP) OR INSTALLED IN CONDUIT (NEC TYPE FPLR). SIGNALING LINE CIRCUITS (SLC'S) SHALL BE NFPA 72 CLASS B, STYLE 4, AND SHALL UTILIZE TWISTED-PAIR WIRE TO MINIMIZE THE EFFECTS OF ELECTRICAL INTERFERENCE. NOTIFICATION APPLIANCE CIRCUITS (NAC'S) SHALL BE NFPA 72 CLASS B, AND OF WIRE SIZE AS RECOMMENDED BY MANUFACTURER.

D. UPON COMPLETION OF PROJECT, COMPLETE FIRE ALARM SYSTEM SHALL BE TESTED AND RE-CERTIFIED.

LIGHT FIXTURE SCHEDULE

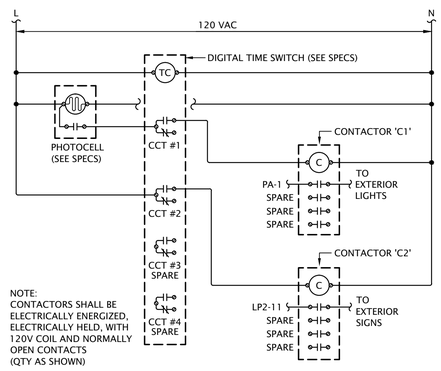
MARK	MANUFACTURER	MODEL NUMBER	LAMP DATA	DRIVER	MOUNTING	FINISH	DESCRIPTION	NOTES
A1	DAY-BRITE CFI	2FPZ43L840-4-DS-UNV-DIM	30W LED 4300 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2x4 BACK-LIT FLAT PANEL, IC RATED	3
B1	DAY-BRITE CFI	2FPZ20L840-2-DS-UNV-DIM	16W LED 2000 LUMEN	0-10V DIMMING	LAY-IN	WHITE	2x2 BACK-LIT FLAT PANEL, IC RATED	3
C	LIGHTOLIER	6RA / P6RLW10840CCP210U	10W LED 1000 LUMEN	0-10V DIMMING	RECESSED	SEMI-SPECULAR ALUMINUM	6"Ø ROUND WALL WASH DOWNLIGHT, SEMI-SPECULAR SELF-FLANGED REFLECTOR, IC RATED	.
D	LIGHTOLIER	C3CPCMDL10940Z10UB - C3CRNCC	13W LED 1000 LUMEN	0-10V DIMMING	SUSPENDED TO 7'-6" AFF TO BOTTOM	BLACK	3"Ø, EXTRUDED ALUMINUM CYLINDER DOWNLIGHT, NARROW BEAM, CLEAR SEMI-SPECULAR REFLECTOR	4
E	LIFE SAFETY LIGHTING	LSLEDRX5HL	(2) 1.7W LED	N/A	SURFACE	WHITE	TWIN HEAD EMERGENCY LIGHTING UNIT WITH INTEGRAL BATTERY BACKUP	2
E1	LIFE SAFETY LIGHTING	LSDBEL-ACEM-HL-B-SDT-CW	(2) 6W LED	N/A	SURFACE	BLACK	EXTERIOR EMERGENCY LIGHT WITH INTEGRAL BATTERY BACKUP AND COLD WEATHER HEATER. WIRE FOR NORMALLY OFF USE.	7
F	DAY-BRITE CFI	2SML38L840-4-FS12F-UNV-DIM	33W LED 3800 LUMEN	0-10V DIMMING	SURFACE	WHITE	2x4 SURFACE MODULAR WITH 0.125" THICK ACRYLIC PRISMATIC LENS, SPRING LOADED LATCHES	.
G	BASELITE CORP.	W516/41/LGLC/-/41/25W/4K/LDM0-10	25W LED 2800 LUMEN	0-10V DIMMING	SUSPENDED TO 10'-0" AFF TO BOTTOM	BLACK	16"Ø WAREHOUSE SHADE FIXTURE, SUSPENDED BY CORD, WITH DRIVER HOUSED IN CANOPY	5
H	CASEY ARCHITECTURAL LIGHTING	SAC-08-PEN-8-60-E26-40-40-CLR-GB	(1) 9W LED MED BASE	0-10V DIMMING	SUSPENDED AS NOTED ON PLANS	BLACK	8"Ø CLEAR ACRYLIC GLOBE PENDANT, CORD SUSPENDED, WITH MEDIUM BASE LAMPHOLDER SOCKET	9
J	BASELITE CORP.	K2/41/E32/-/41/12W/4K/LDM0-10	12W LED 1500 LUMEN	0-10V DIMMING	WALL AT 8'-0" AFF	BLACK	WALL MOUNT SPOT LIGHT WITH 18" LONG ARM EXTENSION	.
J1	BASELITE CORP.	K2/41/E32/LWTM/41/12W/4K/LDM0-10	12W LED 1500 LUMEN	0-10V DIMMING	WALL AT 15'-0" AFF	BLACK	WALL MOUNT SPOT LIGHT WITH 18" LONG ARM EXTENSION	7
K	LIGHTOLIER	LCL10940WHTE-LLMR$	12W LED 1000 LUMEN	TRIAC DIMMING	TRACK	WHITE	CYLINDER TRACK HEAD, 18˚ SPOT DISTRIBUTION	6
L	GLLS	SF-16E-0-01-4W-E-RGB-24DV	3.66W/FT RGB LED	N/A	SURFACE ON WINDOW MULLIONS	WHITE	RGB COLOR CHANGING FLEXIBLE LED NEON	8
M	TIVOLI	TCSL-S-B-24-120 | LSA-BRE-N | LS-CABLE-60	4W LED LAMPS	TRIAC DIMMABLE	SUSPEND FROM CATENARY CABLE	BLACK	48' OUTDOOR COMMERCIAL STRING LIGHT WITH MOLDED E26 SOCKETS AND ST10 GLOBES AT 24" O.C., 120V, WITH 5-15P PLUG	7
N	EVERGREEN LIGHTING	BX-SDOFUD-6X6-30W-9-CFA-30K	28W LED 3120 LUMEN	STANDARD	WALL AT 87" AFF TO CENTER	BLACK	6" x 6" UP/DOWN WALL SCONCE WITH FROSTED ACRYLIC LENSES	7
X1	LIFE SAFETY LIGHTING	LSXLRN-SA-LR-1-C-S-W	RED LED	N/A	WALL/CEILING	CLEAR PANEL WHITE HOUSING	SINGLE FACE EDGE LIT EXIT SIGN	1,2

GENERAL:

- All LED's shall be 4000 K correlated color temperature, minimum 80 CRI.
- All light fixtures shall be provided with universal drivers capable of operating at 120V, UNO.

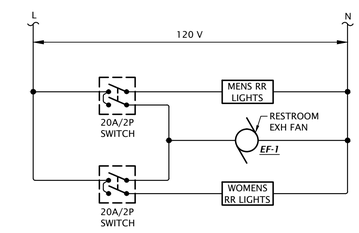
NOTES:

1. Fixture shall be capable of wall or ceiling mount applications.
2. Provide with emergency battery integral charger and self-diagnostic/self-testing electronics.
3. Where fixtures are shown half-shaded, provide with integral emergency battery pack to operate fixture at 600 lumens for a minimum of 90 minutes upon loss of normal power. Bodine 'BSL6LST".
4. Suspend fixture with aircraft cable and provide with 12' power cord (black to match fixture) field cut to length as required to install fixture at height indicated in schedule.
5. Field cut cord to length as required to install fixture at height indicated in schedule.
6. Provide single circuit track compatible with fixture, Lightolier 6000 series, white to match, in lengths as required. Provide with feed canopies, couplers, adapters, and all other hardware and accessories for a complete system.
7. U.L. listed for 'wet location'
8. Provide with 24V-dc power supply and field cut as required to line inside mullion of storefront window.
9. Field cut cord to length as directed by Architect.

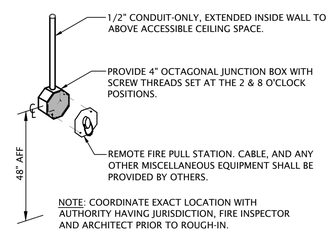


NOTE:
CONTACTORS SHALL BE ELECTRICALLY ENERGIZED, ELECTRICALLY HELD, WITH 120V COIL AND NORMALLY OPEN CONTACTS (QTY AS SHOWN)

4 EXTERIOR LIGHTING CONTROL DIAGRAM
No Scale

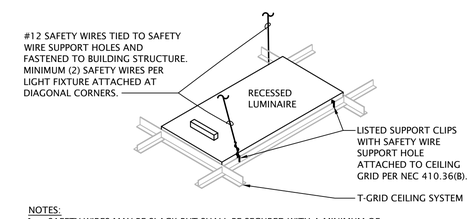


2 RESTROOM LTG/EXH FAN CONTROL
No Scale



NOTE: COORDINATE EXACT LOCATION WITH AUTHORITY HAVING JURISDICTION, FIRE INSPECTOR AND ARCHITECT PRIOR TO ROUGH-IN.

3 REMOTE HOOD FIRE PULL STATION
No Scale



NOTES:
1. SAFETY WIRES MAY BE SLACK BUT SHALL BE SECURED WITH A MINIMUM OF THREE TIGHT TURNS AROUND SELF.
2. FIXTURE INSTALLATION TO COMPLY WITH ASTM C636 AND CISCA STANDARDS.

1 RECESSED LUMINAIRE SUPPORT
NO SCALE

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NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

JOHN F. LEWIS SMITH 14654 31 July 2023 KANSAS PROFESSIONAL ENGINEER

REVISION:

DATE: 07-31-2023
JOB: 21-3166
SHEET NO.:
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ABBREVIATIONS

A	AMPERE
ac	ALTERNATING CURRENT
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AWG	AMERICAN WIRE GAUGE
BG	BELOW GRADE
C	CONDUIT
CB	CIRCUIT BREAKER
CCT	CORRELATED COLOR TEMPERATURE
CO	CONDUIT ONLY (WITH PULL STRING)
CRI	COLOR RENDERING INDEX
CT	CURRENT TRANSFORMER
dc	DIRECT CURRENT
DS	DISCONNECT SWITCH
E	ELECTRICAL
EC	ELECTRICAL CONTRACTOR
EMT	ELECTRICAL METALLIC TUBING
ETR	EXISTING TO REMAIN
FA	FIRE ALARM
FMC	FLEXIBLE METALLIC CONDUIT
FSC	FIRE SUPPRESSION SYSTEM CABINET
G	GROUNDING (BONDING) CONDUCTOR
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
k	KILO
LTG	LIGHTING
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUG ONLY
N	NEUTRAL (GROUNDED) CONDUCTOR
NC	NORMALLY CLOSED
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NF	NON FUSED
NEC	NATIONAL ELECTRICAL CODE (NFPA 70)
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NORMALLY OPEN
NRTL	NATIONALLY RECOGNIZED TESTING LABORATORY
Ω	OHMS
PB	PULL BOX
PF	POWER FACTOR
PH or ϕ	PHASE
PVC	POLYVINYL CHLORIDE CONDUIT
RCPT	RECEPTACLE
rms	ROOT-MEAN-SQUARE
RA	RETURN AIR
SA	SUPPLY AIR
SCCR	SHORT CIRCUIT CURRENT RATING
SF	SQUARE FOOT
SPD	SURGE PROTECTION DEVICE
TYP	TYPICAL
UG	UNDERGROUND
U.L.	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
V	VOLT (ALTERNATING CURRENT)
VA	VOLTAMPERE
W	WATT(S)

CIRCUIT AND RACEWAY SYMBOLS

- CIRCUIT DESIGNATION:
  - TOP INDICATES PANEL OF CIRCUIT ORIGIN
  - BOTTOM INDICATES CIRCUIT NUMBER
- HOMERUN - WIRING TO PANEL OF CIRCUIT ORIGIN
- PARTIAL HOMERUN - WIRING TO PANEL OF CIRCUIT ORIGIN
- CONDUIT CONCEALED IN WALL OR ABOVE CEILING
- CONDUIT BELOW GRADE OR EMBEDDED IN CONCRETE
- LINE VOLTAGE CIRCUIT CONDUCTORS
  - SHORT = HOT/TRACER/SWITCH LEG CONDUCTOR
  - LONG = NEUTRAL (GROUNDED) CONDUCTOR
  - CURVED = GROUNDING (BONDING) CONDUCTOR
- LOW-VOLTAGE CONTROL WIRING
- INTERCOM SYSTEM CABLE (TYPE AS REQUIRED)
- CONDUIT STUB OUT WITH NYLON END BUSHING
- CONDUIT TURNED UP
- CONDUIT TURNED DOWN
- GROUNDING CONNECTION

LIGHTING SYMBOLS

- FLAT PANEL LED TROFFER
- PENDANT OR SURFACE MOUNTED LINEAR LUMINAIRE
- SUSPENDED LINEAR INDIRECT/DIRECT LUMINAIRE
- STANDARD STRIP LIGHT
- RECESSED DOWNLIGHT
- WALL MOUNTED LUMINAIRE
- TWIN HEAD EMERGENCY LIGHTING UNIT
- SINGLE FACE EXIT SIGN - WALL AND CEILING MOUNTED WITH DIRECTIONAL ARROWS AS INDICATED ON PLANS

POWER SYMBOLS

- DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- SPECIAL RECEPTACLE (# = NEMA CONFIGURATION)
- EXISTING FLUSH FLOOR DUPLEX RECEPTACLE
- RECESSED MULTI-SERVICE FLOOR OUTLET
- SINGLE POLE TOGGLE SNAP SWITCH
- DOUBLE POLE TOGGLE SNAP SWITCH
- THREE-WAY TOGGLE SNAP SWITCH
- KEYED LOCKING SWITCH
- PRESET SLIDE DIMMER WALL SWITCH
- TIMECLOCK
- EXTERIOR PHOTOCELL
- CONTACTOR
- JUNCTION BOX
- MOTOR
- DISCONNECT SWITCH
- BRANCH CIRCUIT PANELBOARD
- DISTRIBUTION PANELBOARD

TELECOMMUNICATIONS SYMBOLS

- PHONE/DATA OUTLET (ROUGH-IN ONLY)
- TELECOMMUNICATIONS GROUND BAR
- TELECOMMUNICATIONS TERMINAL BOARD
- EMT CONDUIT SLEEVE WITH NYLON END BUSHINGS

FIRE ALARM SYMBOLS

- EXISTING FIRE ALARM CONTROL PANEL
- MANUAL PULL STATION
- HEAT DETECTOR
- SPOT TYPE AREA SMOKE DETECTOR
- DUCT MOUNTED SMOKE DETECTOR WITH SAMPLING TUBES
- REMOTE KEYED TEST STATION FOR DUCT DETECTOR
- SMOKE DETECTION BEAM TRANSMITTER
- SMOKE DETECTION BEAM RECEIVER
- ADDRESSABLE MONITORING MODULE
- NOTIFICATION STROBE, WALL (CANDELA NOTED)
- NOTIFICATION HORN/STROBE, WALL (CANDELA NOTED)
- FIRE ALARM RELAY

SYMBOL MODIFYING DESIGNATORS

CLG	CEILING MOUNTED • FLUSH MOUNTED IN SUSPENDED CEILINGS • SURFACE MOUNTED TO STRUCTURE ABOVE IN OPEN CEILINGS
CT	MOUNT BOTTOM OF DEVICE AT 6" ABOVE COUNTERTOP
e	DEVICE IS EXISTING TO REMAIN
r	EXISTING DEVICE TO BE RELOCATED
EM	PROVIDE LUMINAIRE WITH EMERGENCY BATTERY BACKUP
GFI	GROUND FAULT CIRCUIT INTERRUPTING DEVICE
NL	NIGHTLIGHT WIRED TO UNSWITCHED HOT CONDUCTOR
WP	PROVIDE WEATHERPROOF ENCLOSURE FOR DEVICE
XX"	MOUNTING HEIGHT OF DEVICE ABOVE FINISHED FLOOR

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Building Services Division
Shawn Homan
10/26/2023 9:00:19 AM

Designation: PB — **Location:** SOUTH MEZZANINE — **Voltage:** 240/120V-1Ph-3W — **Enclosure:** NEMA 1 — **Mounting:** SURFACE
Manufacturer: Siemens — **Bus Amps:** 225 — **MCB Amps:** MLO — **AIC Rating:** 10 kAIC — **Other:** Existing Panelboard To Remain (note 6)

Circuit #	Load Description	Conductors	C/B Size	C/B Size	Conductors	Load Description	Circuit #
1	RCPT: RM 101,103,104	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 103,104	2
3	RCPT: RM 101,103,104	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 103,104	4
5	RCPT: RM 101,103,104	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 103,104	6
7	RCPT: RM 103,104 FLOOR	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 107,OUTSIDE	8
9	RCPT: RM 103,104 FLOOR	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 107,OUTSIDE	10
11	RCPT: RM 106,109,110,112	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 105	12
13	RCPT: RM 105	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 105	14
15	RCPT: RM 105	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 105	16
17	RCPT: RM 105 DW	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 201,203	18
19	'EF-1' ON ROOF	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: RM 201,203	20
21	'EF-2' ON ROOF	(ETR)	20 / 1	20 / 1	(ETR)	'F-1'	22
23 (10, 1)	'F-3' MECH 134	2#12, #12G, 1/2"C	20 / 1	---	---	SPACE ONLY	24
25 (10, 1)	F-4' RM 204	2#12, #12G, 1/2"C	20 / 1	30 / 2	2#10, #10G, 1/2"C	'CU-3'	26 (1, 10)
27 (8)	SPARE BREAKER	2#12, #12G, 1/2"C	20 / 1				28
29 (10, 1)	ROOFTOP RCPTS	2#12, #12G, 1/2"C	20 / 1	20 / 1	(ETR)	FAN	30
31	WATER HEATER	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: PLUGMOLD	32
33	FIRE ALARM	(ETR)	20 / 1	20 / 1	(ETR)	RCPT: PLUGMOLD	34
35	RCPT: TELEPHONE SYSTEM (UNDER PANEL)	(ETR)	20 / 1	30 / 2	2#10, #10G, 1/2"C	'CU-4'	36 (5, 10)
37 (10, 5)	HUMIDIFIER	2#8, #10G, 3/4"C	50 / 2	---	---		38
39				---	---	SPACE ONLY	40
41	SPACE ONLY	---	---	---	---	SPACE ONLY	42
43	SPACE ONLY	---	---	---	---	SPACE ONLY	44

FUSED SWITCH DISTRIBUTION PANEL SCHEDULE

(9)

Designation: MDP — **Location:** SW Exterior — **Voltage:** 240Δ/120V-3Ph-4W
Enclosure: NEMA 3R — **Mounting:** Wall — **Manufacturer:** Siemens I-T-E
Bus Amps: 400 — **Main Switch:** MLO — **AIC Rating:** 65 kAIC

Circuit #	Equipment Served	Feeder Size	Switch Size	Fusing	Remarks
1	EXISTING PANEL 'PA'	(ETR)	200/2	200A (ETR)	EXISTING TO REMAIN
2	EXISTING PANEL 'PB'	(ETR)	200/2	150A (ETR)	EXISTING TO REMAIN
3	'RTU-1' & 'RTU-2'	3#3/0, #6G, 2"C	200/3	200A	2, 3

Notes:
1. This panelboard is existing to remain.
2. Fuses shall be dual-element, time-delay, class RK1.
3. Replace (4) 60A/3P switches with (1) 200A/3P switch to serve new loads.

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Designation: LP1 — **Location:** Kitchen — **Voltage:** 240Δ/120V-3Ph-4W — **Enclosure:** NEMA 1 — **Mounting:** Flush
Manufacturer: Siemens Type 'S3' — **Bus Amps:** 400 — **MCB Amps:** 400/3 — **AIC Rating:** 10 kAIC — **Other:** Existing Panelboard To Remain (note 5)

Circuit #	Load Description	Conductors	C/B Size	C/B Size	Conductors	Load Description	Circuit #
1 (1)	'CU-1'	2#12, #12G, 1/2"C	20 / 2	30 / 2	2#10, #10G, 1/2"C	'CU-2'	2 (1)
3							4
5	KITCHEN DISPOSER	(ETR)	20 / 1	20 / 1	(ETR)	EXISTING LOAD	6
7 (3)	KITCHEN EXH FAN 'KEF-1'	2#10, #10G, 3/4"C	30 / 1	20 / 1	(ETR)	EXISTING LOAD	8
9 (3)	AIR CURTAIN	2#8, #10G, 3/4"C	40 / 2	20 / 2	2#12, #12G, 1/2"C	OVEN	10 (1)
11							12
13 (3)	COOKTOP	2#8, #10G, 3/4"C	40 / 2	60 / 3	(ETR)	'AHU-1'	14
15 (4)							16
17	SPACE FOR SHUNT TRIP	---	---				18
19 (3)	MICROWAVE	2#12, #12G, 1/2"C	20 / 2	15 / 1	2#12, #12G, 1/2"C	HW RECIRC PUMP	20 (3)
21				---	---	SPACE ONLY	22
23 (3)	FURNACE 'F-1'	2#12, #12G, 1/2"C	15 / 1	15 / 1	2#12, #12G, 1/2"C	FURNACE 'F-2'	24 (3)
25 (3)	WATER HEATER CONTROLS	2#12, #12G, 1/2"C	15 / 1	20 / 1	(ETR)	EXISTING LOAD	26
27	SPACE ONLY	---	---	---	---	SPACE ONLY	28
29	EXSTING LOAD	(ETR)	20 / 1	20 / 1	(ETR)	EXISTING LOAD	30

Designation: LP2 — **Location:** KITCHEN — **Voltage:** 240/120V-1Ph-3W — **Enclosure:** NEMA 1 — **Mounting:** FLUSH
Manufacturer: Siemens 'S1' — **Bus Amps:** 225 — **MCB Amps:** 225/2 — **AIC Rating:** 10 kAIC — **Other:** Existing Panelboard To Remain (note 5)

Circuit #	Load Description	Conductors	C/B Size	C/B Size	Conductors	Load Description	Circuit #
1	LIGHTS	(ETR)	20 / 1	20 / 1	(ETR)	LIGHTS: LOUNGE	2
3	LIGHTS	(ETR)	20 / 1	20 / 1	(ETR)	LIGHTS: LOUNGE	4
5	LIGHTS	(ETR)	20 / 1	20 / 1	(ETR)	LIGHTS: GALLERY	6
7 (1)	LTG: KITCHEN/RESTRMS	2#12, #12G, 1/2"C	20 / 1	20 / 1	(ETR)	LIGHTS: GALLERY	8
9 (1)	LTG: OFC, CONF, RCPTN	2#12, #12G, 1/2"C	20 / 1	20 / 1	(ETR)	LIGHTS: GALLERY	10
11 (1)	EXTERIOR SIGNS	2#12, #12G, 1/2"C	20 / 1	20 / 1	(ETR)	LIGHTS: GALLERY	12
13	EXTERIOR LIGHTS	(ETR)	20 / 1	20 / 1	(ETR)	LIGHTS: GALLERY	14
15 (2)	ICE MAKER	2#12, #12G, 1/2"C	20 / 1	20 / 1	2#12, #12G, 1/2"C	RCPT: DISHWASHER	16 (2)
17 (2)	ICE MAKER	2#12, #12G, 1/2"C	20 / 1	20 / 1	2#12, #12G, 1/2"C	RCPT: DISHWASHER	18 (2)
19 (2)	U.C. BAR REFRIG	2#12, #12G, 1/2"C	20 / 1	20 / 1	(ETR)	RCPTS	20
21 (2)	U.C. BAR REFRIG	2#12, #12G, 1/2"C	20 / 1	20 / 1	2#12, #12G, 1/2"C	REFRIGERATOR/FREEZER	22 (2)
23 (1)	RCPTS: KITCHEN CNTR	2#12, #12G, 1/2"C	20 / 1	20 / 1	2#12, #12G, 1/2"C	REFRIGERATOR/FREEZER	24 (2)
25	RCPTS	(ETR)	20 / 1	20 / 1	2#12, #12G, 1/2"C	RCPT: TELECOM BOARD	26 (3)
27 (1)	RCPTS: MECH, RESTRM	2#12, #12G, 1/2"C	20 / 1	20 / 1	2#12, #12G, 1/2"C	LTG: FRONT WINDOW LED	28 (3)
29 (1)	RCPTS: LOUNGE/GALLERY	2#12, #12G, 1/2"C	20 / 1	20 / 1	(ETR)	RCPTS	30
31 (1)	RCPT: HALL/DRINK FTN	2#12, #12G, 1/2"C	20 / 1	20 / 1	(ETR)	EXTERIOR RECEPTS	32
33	FLOOR RECEPT	(ETR)	20 / 1	20 / 1	(ETR)	FAÇADE LIGHTS	34
35	FLOOR RECEPT	(ETR)	20 / 1	20 / 1	2#12, #12G, 1/2"C	KITCHEN HOOD LTS/CONTROL	36 (1)
37 (1)	RCPT: OFFICE	2#12, #12G, 1/2"C	20 / 1	20 / 1	2#12, #12G, 1/2"C	ROOFTOP RECEPTACLES	38 (1)
39 (1)	RCPT: SMALL CONF.	2#12, #12G, 1/2"C	20 / 1	20 / 1	2#12, #12G, 1/2"C	RCPT: RECEPTION	40 (1)
41 (1)	RCPT: HALL 106 COUNTER	2#12, #12G, 1/2"C	20 / 1	20 / 1	2#12, #12G, 1/2"C	RCPT: COFFEE BAR	42 (1)

PANEL SCHEDULE NOTES BY SYMBOL

1. REUSE EXISTING CIRCUIT BREAKER FOR NEW CIRCUIT INDICATED.
2. REPLACE EXISTING BREAKER WITH NEW GFI TYPE BREAKER OF AMP TRIP/POLE INDICATED.
3. REPLACE EXISTING BREAKER WITH NEW BREAKER OF AMP TRIP/POLE INDICATED.
4. PROVIDE BREAKER WITH 120V SHUNT-TRIP COIL.
5. PROVIDE NEW BREAKER OF AMP TRIP/POLE INDICATED IN AVAILABLE SPACE.
6. THIS PANEL IS AN EXISTING SIEMENS LOAD CENTER. ALL NEW BREAKERS SHALL BE SIEMENS TYPE 'QP'.
7. THIS PANEL IS AN EXISTING SIEMENS PANEBOARD. ALL NEW BREAKERS SHALL BE SIEMENS TYPE 'BL'.
8. EXISTING CIRCUIT TO BE REMOVED AS PART OF DEMOLITION WORK. RETAIN BREAKER AS SPARE.
9. ALL WORK INDICATED TO BE PERFORMED ON THIS PANEL SHALL BE PERFORMED BY THE OWNER UNDER A SEPARATE CONTRACT AT A LATER DATE.
10. WORK SHOWN FOR THIS CIRCUIT SHALL BE PERFORMED BY THE OWNER UNDER A SEPARATE CONTRACT AT A LATER DATE.

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NEW ENTRY & PATIO SPACE, INTERIOR RENOVATIONS
SALINA, KANSAS

KANSAS PROFESSIONAL ENGINEER 14654 31 July 2023

REVISION:
1 ASI #1 9/13/2023

DATE: 07-31-2023
JOB: 21-3166
SHEET NO.:
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GENERAL STRUCTURAL NOTES

GENERAL

1. DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH PROVISIONS OF THE 2012 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC)

2. ELEVATIONS (XXX'-XX") SHOWN ON PLANS ARE TO TOP OF CONCRETE, STEEL, OR WOOD DECK U.N.O.. ELEVATIONS SHOWN ARE BASED ON FIRST FLOOR ELEVATION OF 100'-00" CONFIRM WITH ARCHITECTURAL.

3. ALL CONTRACTORS AND ANY SUB-CONTRACTORS SHALL VERIFY AND COORDINATE ALL DIMENSIONS AND DETAILS AS SHOWN ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS. WHERE DISCREPANCIES ARISE THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED.

4. ALL CONTRACTORS AND ANY SUB-CONTRACTORS SHALL CONSULT ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR VERIFICATION OF LOCATION AND DIMENSIONS OF CURBS, PADS, INSERTS, SLEEVES, DRIPS, REGLETS, REVEALS,FINISHES, DEPRESSIONS, DOOR CLOSERS, AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

5. SIZE AND LOCATION OF ALL ROOF, FLOOR, AND WALL OPENINGS TO BE VERIFIED WITH MECHANICAL AND ELECTRICAL DRAWINGS AND CONTRACTORS. OPENINGS LESS THAN 12 INCHES ARE GENERALLY NOT SHOWN.

6. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS, ERRORS, OR OMISSIONS OF THE CONTRACTOR OR ANY SUB-CONTRACTOR, OR ANY OF THE CONTRACTOR OR SUBCONTRACTORS AGENTS OR EMPLOYEES, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS AND MANNER OF CONSTRUCTION AND FOR THE SAFETY OF PERSONS AND PROPERTY. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATION DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON NOR ISSUE DIRECTION AS TO SAFETY PRECAUTION AND PROGRAMS.

7. THE ARCHITECT, CONTRACTOR, OWNER, AND END-USER OF THE STRUCTURE SHOULD EXPECT TO SEE SOME DEGREE OF RANDOM CRACKING IN THE SLAB-ON-GRADE. RANDOM CRACKING INCLUDES, BUT IS NOT LIMITED TO: SHRINKAGE CRACKS, CRACKS AT RE-ENTRANT CORNERS, AND CRACKS ADJACENT TO POINTS OF SLAB FIXITY. RANDOM CRACKING GENERALLY DOES NOT INCLUDE CRACKS WITH VERTICAL DISPLACEMENT. RANDOM CRACKS WITHIN THE SLAB-ON-GRADE DO NOT TYPICALLY IMPACT THE STRUCTURAL INTEGRITY OF THE SLAB AND ARE NOT NECESSARILY INDICATIVE OF STRUCTURAL ISSUES OR CONCERNS.

8. MECHANICAL UNITS AND EQUIPMENT SUPPORTED BY ROOF AND ELEVATED FLOOR STRUCTURE ARE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER, AND MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF UNIT SIZE, WEIGHT, AND LOCATION.

9. THE STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. DURING ERECTION OF THE BUILDING, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR TEMPORARY GUYING, SHORING, BRACING, FORMING, ETC., TO HOLD THE STRUCTURE IN PROPER ALIGNMENT AND TO WITHSTAND ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED; INCLUDING LATERAL LOADS, TEMPERATURE DIFFERENTIALS, AND STOCKPILES OF MATERIAL AND EQUIPMENT. SUCH MEASURES SHALL BE LEFT IN PLACE AS LONG AS REQUIRED FOR SAFETY AND UNTIL ALL FRAMING AND CONNECTIONS ARE IN PLACE. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF SUCH TEMPORARY MEASURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

10. CONSTRUCTION DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO APPROVAL BY THE ENGINEER.

11. ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE, AND ERECTION IN ACCORDANCE WITH THE SUPPLIERS INSTRUCTIONS AND REQUIREMENTS.

12. CONTRACTOR AND SUB-CONTRACTORS SHALL THOROUGHLY REVIEW ALL DRAWINGS AND SPECIFICATIONS PRIOR TO SUBMITTING BIDS. MISCELLANEOUS FASTENERS, CLIPS, ETC., THAT ARE NOT DETAILED ON THE DRAWINGS BUT ARE PART OF THE REQUIREMENTS FOR FULL INSTALLATION OF ALL STRUCTURAL SYSTEMS ARE TO BE PART OF THE BID. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO THE BID TO ASCERTAIN CONDITIONS WHICH MY ADVERSELY AFFECT THE BID.

13. ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE CONSTRUCTION DRAWINGS AND/OR SPECIFICATION AND/OR EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

14. CONTRACTOR SHALL REVIEW, STAMP, SIGN, AND DATE ALL SHOP DRAWINGS PRIOR TO FORWARDING TO THE ARCHITECT/ENGINEER. THE ENGINEER'S REVIEW IS TO BE FOR CONFORMANCE WITH THE DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE RELEVANT CONTRACT DOCUMENTS. THE ENGINEER'S REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW, CHECK, AND COORDINATE THE SHOP DRAWINGS PRIOR TO SUBMISSION. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF THE SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, DIMENSION, ETC..

15. THE CONTRACTOR SHALL COORDINATE WITH ALL TRADES ALL DEPRESSIONS, DIMENSIONS, ELEVATIONS, SLEEVES, CHASES, HANGERS, OPENING, INSERTS, ANCHORS, EQUIPMENT SUPPORTS, AND DETAILS WITH THE ENTIRE CONTRACT DOCUMENT PACKAGE, INCLUDING SPECIFICATIONS AND ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. FOR CONCRETE CONSTRUCTION, THE INSERTS, EMBEDDED PLATES, ETC., SHALL NOT INTERFERE WITH REINFORCEMENT LOCATIONS.

16. THESE DRAWINGS INCLUDE SPECIFIED COMPONENTS AND PRODUCTS, I.E. EPOXY, METAL DECK. IF A SUPPLIER/MANUFACTURER DIFFERENT THAN SPECIFIED ON THESE DRAWINGS IS DESIRED AS A SUBSTITUTE, A SUBMITTAL SHOWING THE SUBSTITUTE IS EQUIVALENT TO THE PRODUCT SPECIFIED MUST BE PROVIDED TO AND APPROVED BY THE ENGINEER OF RECORD. IT IS THE SUBMITTERS RESPONSIBILITY TO SHOW THE SUBSTITUTE IS EQUIVALENT, NOT THE ENGINEER OF RECORD.

17. THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR TO PERFORM INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE IBC AS REQUIRED BY THE BUILDING OFFICIAL. INSPECTION REPORTS FOR THE ITEMS LISTED IN THE SPECIAL INSPECTION SCHEDULE SHALL BE FURNISHED TO THE STRUCTURAL ENGINEER OF RECORD IN A TIMELY MANNER AND SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES THAT ARE NOT CORRECTED SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMPLETION OF THAT PHASE OF WORK. A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED TO THE OWNER AND STRUCTURAL ENGINEER OF RECORD.

DESIGN LOADS

1.	ROOF LIVE LOAD		20 PSF
2.	FLOOR LIVE LOAD (CORRIDOR)		100 PSF
3.	GROUND SNOW LOAD		20 PSF
4.	ROOF SNOW LOAD		14 PSF
5.	OCCUPANCY CATEGORY		II
6.	BASIC WIND SPEED (ASCE/SEI 7)		115 M.P.H. EXPOSURE C
		CASE A	CASE B
	ZONE 1	7 PSF	-19 PSF
	ZONE 2	-26 PSF	-26 PSF
	ZONE 3	-17 PSF	-17 PSF
	ZONE 4	-15 PSF	-19 PSF
	ZONE 5	--	7 PSF
	ZONE 6	--	15 PSF
	ZONE 1E	13 PSF	-20 PSF
	ZONE 2E	-38 PSF	-38 PSF
	ZONE 3E	-22 PSF	-22 PSF
	ZONE 4E	-19 PSF	-20 PSF
	ZONE 5E	--	13 PSF
	ZONE 6E	--	-19 PSF
10.	WIND COMPONENTS AND CLADDING		45 PSF (WALLS)
11.	SEISMIC DESIGN CATEGORY (ASCE/SEI 7)		B
	SDS		0.135
	SD1		0.075
	SITE CLASS		D
	SEISMIC FORCE RESISTING SYSTEM		MOMENT FRAMES / X-BRACES
12.	ROOF TRUSS DESIGN LOADS		
	TOP CHORD LIVE*	20 PSF	
	TOP CHORD DEAD	10 PSF	
	BOTTOM CHORD LIVE*	10 PSF	
	BOTTOM CHORD DEAD	10 PSF	

*LIVE LOADS ARE NOT CONCURRENT

EXISTING CONSTRUCTION

1. FIELD VERIFY GRADES, SIZES, LOCATIONS AND CONDITIONS OF ALL ITEMS ON PLANS AND DETAILS BEFORE STARTING WORK. REPORT DISCREPANCIES THAT WILL PREVENT CONFORMANCE TO CONSTRUCTION DOCUMENTS TO THE ENGINEER OF RECORD.

2. EXISTING STRUCTURE TO REMAIN IS SHOWN SCREENED (LIGHT). EXISTING STRUCTURE TO BE REMOVED IS NOT SHOWN.

3. ALL EXISTING CONSTRUCTION AFFECTED BY DEMOLITION SHALL BE SHORED UNTIL NEW CONSTRUCTION SUPPORT MEMBERS ARE IN PLACE.

FOUNDATION

1. DESIGN ALLOWABLE SOIL BEARING PRESSURE OF xxxx PSF PER _________ GEOTECHNICAL REPORT NUMBER x______x. SOIL SUBGRADE TO BE PREPARED ACCORDING TO THE ABOVE MENTIONED SOILS REPORT RECOMMENDATIONS. ALL EXTERIOR FOOTINGS TO BE 3'-0" BELOW FINISH GRADE UNO.

2. UNLESS NOTED OTHERWISE; CENTER COLUMN FOOTINGS ON COLUMN CENTERLINES, CENTER WALL FOOTINGS ON FOUNDATION WALLS.

3. SLAB ON GRADE SHALL BE UNDERLAIN BY VAPOR BARRIER AND 6 INCHES MINIMUM OF CRUSHED ROCK OR CONCRETE. REINFORCE ALL SLABS ON GRADE WITH #3 AT 18 INCHES EACH WAY IN TOP 1/3 OF SLAB UNLESS NOTED OTHERWISE. AT DROPPED OR DEPRESSED SLABS ON GRADE MAINTAIN GRAVEL THICKNESS, SLAB DEPTH, REINFORCEMENT AND REINFORCEMENT POSITION.

4. BACK FILL AROUND THE EXTERIOR FOUNDATION WALLS WITH A FREE DRAINING GRANULAR MATERIAL TO THE ELEVATION OF THE ROUGH GRADE. PLACEMENT OF BACKFILL IS NOT ALLOWED UNTIL THE SLAB ON GRADE IS IN PLACE AND THE MAIN FLOOR DIAPHRAGM IS COMPLETED. TUNNEL CONCRETE WORK, FREE STANDING AND FOUNDATION WALLS SHALL BE COMPLETE AND AT DESIGN STRENGTH BEFORE BACKFILL IS PLACED.

5. CONTRACTOR TO KEEP EXCAVATIONS DRY AND PROTECTED FROM FROST AT ALL TIMES DURING THE FOUNDATION CONSTRUCTION. NOTIFY ENGINEER IF NATURE OF SOIL AT DEPTHS SHOWN IS NOT SUITABLE FOR FOUNDATIONS.

CAST-IN-PLACE CONCRETE

1. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS

FOOTINGS	3500 PSI MAX. W/C RATIO OF 0.50
INTERIOR SLABS ON GRADE	4000 PSI MAX. W/C RATIO OF 0.45
SLABS OVER STEEL DECK	3500 PSI MAX. W/C RATIO OF 0.45
EXPOSED CONCRETE SLABS AND GARAGE SLABS	4000 PSI MAX. W/C RATIO OF 0.45
FOUNDATION WALLS, WALLS, COLUMNS AND BEAMS	4000 PSI MAX. W/C RATIO OF 0.45

2. EXTERIOR EXPOSED CONCRETE SHALL HAVE 4 TO 6% ENTRAINED AIR. SLABS WITH HARD TROWELLED FINISH TO HAVE NO AIR ENTRAINMENT ADDED. COORDINATE WITH ARCHITECTURAL FOR FINISHES.

3. AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33. MIX DESIGN SHALL CONTAIN A MINIMUM OF 50% COARSE AGGREGATES BY GRADATION REQUIREMENTS (NO.67 GRADING) SET FORTH IN ASTM C33.

4. NO ALUMINUM SHALL BE PLACED IN THE CONCRETE.

5. CONSTRUCTION TO BE IN ACCORDANCE WITH ACI 318-05 (R-05), "CHAPTER 3 FOR STANDARDS FOR TESTS & MATERIALS, CHAPTERS 4, 5, 6 & 7 FOR CONSTRUCTION REQUIREMENTS". REFER TO ACI 302.1R-04 FOR SLAB ON GRADE MIX DESIGN.

6. PIPE OR ELECTRICAL CONDUIT EMBEDDED IN CONCRETE SHALL NOT BE LARGER IN OUTSIDE DIAMETER AT ITS WIDEST (OR FITTING) THAN 1/3 THE THICKNESS OF THE SLAB OR WALL. SLEEVES, CONDUIT, OR PIPES THROUGH SLABS AND WALLS SHALL BE PLACED NO CLOSER THAN THREE DIAMETERS ON CENTER AND THEY DO NOT DISPLACE REINFORCING. DO NOT CUT HOLES IN CONCRETE SLABS, BEAMS, COLUMNS, OR WALLS WITHOUT PRIOR APPROVAL OF THE ENGINEER.

7. LOCATION OF ALL CONSTRUCTION AND CONTROL JOINTS SHALL BE LOCATED AND DETAILED ON SHOP DRAWINGS AND ARE SUBJECT TO ENGINEERS APPROVAL. IF SLAB ON GRADE CONTROL JOINTS ARE NOT SPECIFICALLY LOCATED ON DRAWINGS, PROVIDE CONTROL JOINTS AT 10'-0" ON CENTER MAXIMUM WITH A LENGTH TO WIDTH RATIO OF 1.5. PROVIDE (2) #4x4'-0" AT ALL NON-CONTINUOUS CONTROL JOINTS. PROVIDE (2) #4x4'-0" AND (1) #4x24"x24" CORNER BAR AT ALL REENTRANT CORNERS OF SLAB ON GRADE.

8. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND DIMENSION OF CONCRETE REVEALS, NOTCHES, REGLETS, DRIPS, PADS, CURBS, CHAMFERS BLOCKOUTS AT DOORWAYS, AND ALL OTHER PROJECT REQUIREMENTS NOT SHOWN ON STRUCTURAL DRAWINGS. CHAMFER ALL EXPOSED CORNERS OF BEAMS, COLUMNS, JOISTS AND WALLS, SUBJECT TO ARCHITECTS APPROVAL.

STRUCTURAL AND MISCELLANEOUS STEEL

1. STEEL CONSTRUCTION MANUAL, 14TH EDITION MATERIAL SPECIFICATIONS U.N.O.

WIDE FLANGE AND S SHAPES	ASTM A992, FY=50KSI
CHANNELS, ANGLES, PLATES AND BARS	ASTM A36, FY=36KSI
HOLLOW STRUCTURAL SHAPES (HSS)	ASTM A500 GR. B, FY=46KSI
PIPE	ASTM A53, GR. B, FY=35KSI
STRUCTURAL BOLTS (U.N.O.)	ASTM A325
MACHINE BOLTS (WHERE NOTED)	ASTM A307
ANCHOR BOLTS AND RODS AND THREADED RODS	ASTM F1554 GRADE 36KSI
HIGH STRENGTH ANCHOR BOLTS AND RODS (AS NOTED)	ASTM F1554 GRADE 105KSI
HEADED OR THREADED STUD ANCHORS (H.S.A. OR T.S.A.)	ASTM A108-69T
DEFORMED BAR ANCHORS (D.B.A.)	ASTM A496 OR ASTM A706
WELDING ELECTRODES	E70XX
NON-SHRINK GROUT (7,000 PSI)	ASTM C1107, GR. A
POWDER ACTUATED FASTENER (PAF OR PDF)	HILTI X-U (0.157" DIA)
EXPANSION BOLTS (CONCRETE)	HILTI KWIK BOLT TZ
EXPANSION BOLTS (MASONRY)	HILTI KWIK BOLT 3
EPOXY ADHESIVE - CONCRETE	HILTI HIT-HY 200
EPOXY ADHESIVE - MASONRY	HILTI HIT-HY 70 W/ SCREEN TUBE

2. ALL STRUCTURAL STEEL ERECTION AND FABRICATION SHALL BE ACCORDING TO THE CURRENT EDITION OF AISC "SPECIFICATIONS FOR DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".

3. ALL STRUCTURAL BOLTED CONNECTIONS SHALL BE ACCORDING TO THE CURRENT EDITION OF RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS" FOR SNUG TIGHTENED, PRETENSIONED, OR SLIP-CRITICAL JOINTS. ALL STRUCTURAL BOLTED CONNECTIONS TO BE SNUG TIGHTENED UNO. FOR SLIP-CRITICAL JOINTS, AS NOTED, THE USE OF TENSION INDICATING WASHERS OR TWIST-OFF BOLT ASSEMBLIES SHALL BE PERMITTED ONLY ACCORDING TO THE ABOVE MENTIONED STANDARD.

4. ALL WELDING SHALL BE PREFORMED IN ACCORDANCE WITH AWS D1.1. ALL WELDING SHALL BE PREFORMED BY AWS CERTIFIED WELDERS. ALL WELDING OF STRUCTURAL STEEL SHALL BE PREFORMED IN THE SHOP WHENEVER PRACTICAL. AN EFFORT HAS BEEN MADE TO INDICATE WELDS THAT CAN BE OR SHOULD BE FIELD WELDED. IT IS, HOWEVER, THE FABRICATORS RESPONSIBILITY TO DECIDE WHERE AND HOW THE WELDING IS TO BE ACCOMPLISHED TO ACHIEVE THE INTENDED RESULT.

5. COMPLETE JOINT PENETRATION (CJP) WELDING: PROVIDE BACKER BARS, RUN OFF TABS, AND ACCESS HOLES PER AWS D1.1. BACKER BARS SHALL BE REMOVED AFTER WELDING, THE ROOT WELD BACK GOUGED AND REPAIRED IF NECESSARY AND REINFORCED WITH A FILLET. RUN OFF TABS SHALL BE REMOVED AFTER WELDING WITH THE FLANGE EDGE GROUND SMOOTH.

6. STEEL FABRICATOR SHALL BE AN AISC CERTIFIED SHOP FOR CATEGORY 1 STEEL STRUCTURES AND SHALL MAINTAIN DETAILED QUALITY CONTROL PROCEDURES.

7. BEAMS SHALL BE FABRICATED FOR PLACEMENT OF NATURAL CAMBER UP.

8. STRUCTURAL STEEL SUPPLIER SHALL FURNISH COLUMN ANCHOR RODS.

9. HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE IS NOT PERMITTED. PROVIDE CONNECTIONS REQUIRED FOR ATTACHMENT OF WOOD AND STEEL MEMBERS.

10. USE CONNECTIONS AS DETAILED ON PLANS. WHEREVER CONNECTIONS ARE NOT DETAILED FABRICATOR SHALL REQUEST ENGINEER TO SUPPLY CONNECTION DETAIL.

11. ALL COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC., HAVE BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS ENCOUNTERED DURING STEEL ERECTION AND CONSTRUCTION. CONFORMANCE TO OR DEVIATION FROM ALLOWABLE CAPACITIES DURING STEEL ERECTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR (SEE GENERAL SECTION OF G.S.N.)

12. PRIOR TO GROUTING, COLUMNS SHALL BE ERECTED AND ALIGNED AS TO PLUMBNESS AND ELEVATION BY MEANS OF STEEL SHIMS OR LEVELING NUTS UNDER THE BASE PLATES. SETTING PLATES SHALL ONLY BE USED AS TEMPLATES TO LOCATE ANCHOR BOLTS DURING CONCRETE PLACEMENT.

13. STRUCTURAL STEEL PERMANENTLY EXPOSED TO VIEW SHALL RECEIVE COMMERCIAL BLAST CLEANING. PRIME WITH 5 MILS EPOXY PRIMER, TOP COAT SHALL BE 3 DRY MILS ALIPHATIC URETHANE, THIN FILM. ARCHITECT TO APPROVE COATING AND COLOR. DAMAGE DURING TRANSPORT, ERECTION, AND FIELD WELDING PROCESSES SHALL BE REPAIRED TO MATCH THE SHOP APPLIED COATING.

REINFORCING STEEL

1. TRUSS TYPE MASONRY JOINT REINFORCEMENT: W1.7 (9 GAGE), ASTM A1064, FY=70,000 PSI

2. WELDED WIRE REINFORCING (WWR): ASTM A82 AND A185

3. DEFORMED BARS (REBAR): ASTM A615, GRADE 40 FOR #3; GRADE 60 FOR #4 AND LARGER; ASTM A706 FOR WELDED CONDITIONS.

4. LAP SPLICES:

MASONRY:	48-BAR DIAMETERS AT CELLS WITH SINGLE BAR (HORIZ. AND VERT.)
	64-BAR DIAMETERS AT CELLS WITH TWO BARS (HORIZ. AND VERT.)
CONCRETE:	CLASS "B' LAP SPLICE, TYPICAL UNLESS NOTED OTHERWISE.
WELDED WIRE FABRIC:	WIRE SPACING +2"

5. CONCRETE COVER FOR CAST-IN-PLACE AND NON-PRE-STRESSED CONCRETE SHALL BE AS SPECIFIED BELOW U.N.O. ON THESE DRAWINGS:

CONCRETE CAST AGAINST SOIL	3"
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER (#6 OR GREATER)	2"
FORMED CONCRETE EXPOSED TO EARTH OR WEATHER (#5 OR LESS)	1 1/2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER (SLAB, WALL, JOIST)	3/4"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER (BEAM, COLUMN)	1 1/2"
SLAB ON GRADE	1 1/2"

6. SECURELY TIE ALL REINFORCING IN PLACE WITH DOUBLE ANNEALED 16-GAUGE IRON WIRE OR APPROVED CLIPS PRIOR TO CONCRETE OR GROUT PLACEMENT.

7. SUBMIT SHOP DRAWINGS OF REINFORCING STEEL FOR REVIEW BY THE ARCHITECT AND ENGINEER PRIOR TO FABRICATION.

MASONRY

1. LIGHT WEIGHT, RUNNING BOND, ASTM C90 CONCRETE MASONRY UNITS WITH NET AREA MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI. ASTM C270 MORTAR TYPE S, MINIMUM COMPRESSIVE STRENGTH OF 1,800 PSI AT 28 DAYS. ASTM C476 GROUT WITH MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI AT 28 DAYS. NET AREA COMPRESSIVE STRENGTH OF MASONRY, F'M = 1,500 PSI.

2. FILL ALL CELLS WITH REINFORCING WITH GROUT IN LIFTS NOT EXCEEDING 4'-0" IN HEIGHT. FILL OTHER CELLS WITH GROUT AS INDICATED ON DRAWINGS. ALL REINFORCEMENT SHALL BE IN PLACE PRIOR TO GROUTING WITH VERTICAL BARS HELD AT TOP, BOTTOM AND 120 BAR DIAMETERS MAXIMUM ON CENTER. GROUT SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION DURING PLACING.

3. CONTRACTOR SHALL PROVIDE BRACING FOR MASONRY WALLS, AS REQUIRED, UNTIL CONNECTION TO FLOOR AND/OR ROOF DIAPHRAGMS ARE COMPLETED.

4. STRENGTH OF MASONRY ASSEMBLY SHALL BE DETERMINED BY THE UNIT STRENGTH METHOD IN ACCORDANCE WITH SECTION 2105.2.2.1 OF THE 2006 IBC.

5. PROVIDE HORIZONTAL TRUSS-TYPE REINFORCING AT 16" ON CENTER MAXIMUM UNO.

6. NON-BEARING INTERIOR PARTITIONS SHALL STOP 1" BELOW STRUCTURAL SLABS OR STEEL FRAMING U.N.O.

7. WHERE BOND BEAMS INTERSECT AT CORNERS AT DIFFERENT ELEVATIONS, RUN EACH BOND BEAM AROUND CORNER FOR TWO BLOCK LENGTHS MINIMUM.

8. WHERE BOND BEAMS INTERSECT PARALLEL AT DIFFERENT ELEVATIONS, LAP BOND BEAMS FOUR BLOCK LENGTHS MINIMUM.

9. PROVIDE CORNER AND INTERSECTION BARS IN ALL BOND BEAMS.

10. CONTROL AND EXPANSION JOINTS SHALL BE PROVIDED IN MASONRY WALLS AT 30' MAXIMUM PER TYPICAL MASONRY DETAILS. SEE ARCHITECTURAL FOR LOCATIONS.

11. PROVIDE (2) #4 VERTICAL EACH SIDE OF ALL OPENINGS IN MASONRY WALLS UNO. COORDINATE WITH LINTEL SCHEDULE AND PROVIDE GREATER REINFORCING REQUIREMENTS.

12. PROVIDE (2) #4 VERTICAL AT ALL WALL CORNERS, ENDS AND INTERSECTIONS UNO. COORDINATE WITH LINTEL SCHEDULE AND PROVIDE GREATER REINFORCING REQUIREMENTS.

13. PROVIDE BOND BEAM WITH (2) #4 CONTINUOUS BENEATH ALL SLAB AND BEAM BEARINGS UNO.

14. PROVIDE 1/2" AIR GAP AROUND SIDES, TOP AND END OF WOOD STRUCTURAL MEMBERS BEARING ON MASONRY.

WOOD

1. ALL WOOD BEARING ON CONCRETE OR MASONRY, IF LESS THAN 4'-0" ABOVE FINISH GRADE, SHALL BE PRESSURE TREATED. WHEREVER NECESSARY TO CUT OR DRILL TREATED LUMBER, TREAT THE CUT OR BORED SURFACES WITH TWO HEAVY COATS OF THE SAME PRESERVATIVE AS USED IN ORIGINAL TREATMENT.

LUMBER MINIMUM PROPERTIES SCHEDULE

SPECIES/PRODUCT	GRADE	Fb (PSI)	Ft (PSI)	Fv (PSI)	Fc (PSI)	Fc (PSI)	E (PSI)
SPRUCE-PIN-FIR (NORTH)	No. 2	875	450	135	425	1150	1,400,000
MICROLLAM LVL	1.9E	2,600	1,555	285	750	2,510	1,900,000
PARALLAM PSL	1.8E	2,400	1,755	190	425	2,500	1,800,000
PARALLAM PSL	2.0E	2,900	2,025	290	750	2,900	2,000,000
TIMBERSTRAND LSL	1.55E	2,325	1,070	310	800	2,050	1,550,000

2. PLYWOOD SHEATHING SHALL CONFORM TO THE CURRENT EDITION OF THE U.S. DEPARTMENT OF COMMERCE VOLUNTARY PRODUCT STANDARD 1 OR 2 (DOC PS 1 OR 2) OR THE APA PANEL DESIGN SPECIFICATION (PDS) AND SHALL BE INSTALLED IN STAGGERED PATTERN.

3. BOLT HOLES IN WOOD SHALL BE DRILLED 1/16" MAXIMUM OVERSIZE. HOLES FOR SCREWS AND LAG SCREWS SHALL BE FIRST BORED FOR THE SAME DEPTH AND DIAMETER OF THE SHANK, THEN THE REMAINDER OCCUPIED BY THE THREAD PORTION SHALL BE BORED NOT LARGER IN DIAMETER THAN THE ROOT OF THE THREAD. ALL SCREWS SHALL BE SCREWED NOT DRIVEN INTO PLACE. PROVIDE WASHERS UNDER ALL NUTS AND HEADS OF BOLTS AND LAG SCREWS.

4. PROVIDE SOLID BLOCKING AT MID-HEIGHT OF ALL WALLS U.N.O.

5. PROVIDE SOLID BLOCKING BETWEEN JOISTS AT ALL SUPPORTS.

6. WOOD FRAMING AND CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF THE NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION.

7. ALL COLUMNS SHOWN ON STRUCTURAL DRAWINGS SHALL BE CONTINUOUS U.N.O.

8. SET ALL JOISTS WITH CROWN UP.

9. TYPICAL FRAMING ANCHORS SHALL BE "SIMPSON STRONG TIE" OR APPROVED EQUIVALENT AS INDICATED ON DRAWINGS. INSTALL AND CONNECT PER MANUFACTURER RECOMMENDATIONS.

10. CONNECTORS, ANCHORS, AND FASTENERS ATTACHED TO PRESSURE TREATED WOOD TREATED WITH ACQ-C OR ACQ-D SHALL BE GALVANIZED AND SHALL MEET ONE OF THE FOLLOWING SPECIFICATIONS: ASTM-A653-G185 OR GREATER; ASTM-A123-2.0 OZ/FT2 MIN; ASTM-A153; ASTM-B695-CLASS 110.

11. IF WOOD TREATMENT IS OTHER THAN LISTED ABOVE, CONTACT THE TREATMENT SUPPLIER FOR CORROSION PROTECTION REQUIREMENTS AND SUBMIT TO ARCHITECT/ENGINEER FOR APPROVAL. CONNECTIONS SHOULD NOT INCORPORATE DISSIMILAR METALS OR METALLIC COATINGS IN CONTACT WITH EACH OTHER.

COLD FORMED STEEL

1. ALL STRUCTURAL COLD FORMED STEEL FRAMING SHALL CONFORM TO THE CURRENT EDITION OF AISI STANDARD

33 & 43 MILS MATERIAL	ASTM C955 GR. 33 KSI
54, 68 & 97 MILS MATERIAL	ASTM C955 GR. 50 KSI

2. ALL STRUCTURAL PROPERTIES COMPUTED IN ACCORDANCE WITH AISI "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" (AISI NAS-01). DESIGNATIONS GIVEN ON DRAWINGS ARE STEEL STUD MANUFACTURER'S ASSOCIATION (S.S.M.A.).

3. U.N.O. ON THESE DRAWINGS, STUD WALL TRACK TO BE OF THE SAME MATERIAL AND GAUGE AS STUDS. PROVIDE HORIZONTAL BRIDGING AT 5'-0" O.C. MAXIMUM AT NON- BEARING WALLS AND 3'-4" O.C. MAXIMUM AT BEARING WALLS. BEARING WALLS TO BE ERECTED WITH STUD ENDS SEATED AGAINST TRACK WEB TOP AND BOTTOM.

4. SUBMIT SHOP DRAWINGS SHOWING STUD AND JOIST LAYOUT, DIMENSION, SIZES, BRIDGING AND REQUIRED CONNECTION DETAILS FOR REVIEW BY THE ARCHITECT AND ENGINEER OF RECORD.

ABBREVIATIONS

@	AT
#	NUMBER
AB	ANCHOR BOLT
ADD'L	ADDITIONAL
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
ALT	ALTERNATE
ARCH	ARCHITECTURAL
ATTM	ATTACHMENT
BLDG	BUILDING
BLKG	BLOCKING
BOT	BOTTOM
BSMT	BASEMENT
BTWN	BETWEEN
CFS	COLD FORMED STEEL
CJ	CONTROL OR CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION WELD
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNITS
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
COORD	COORDINATE
DBA	DEFORMED BAR ANCHOR
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DIR	DIRECTION
DF-L	DOUGLAS FIR-LARCH
EA	EACH
EF	EACH FACE
EMBED	EMBEDDED
EN	EDGE NAILING
EOR	ENGINEER OF RECORD
EQ	EQUAL
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
FDN	FOUNDATION
FIN	FINISH
FLR	FLOOR
FN	FIELD NAILING
FRP	FIBER-REINFORCED POLYMER
FTG	FOOTING
FV	FIELD VERIFY
GA	GAUGE
GR	GRADE
HK	HOOK
HORIZ	HORIZONTAL
HS	HIGH STRENGTH
HSA	HEADED STUD ANCHOR
HSS	HOLLOW STRUCTURAL SHAPE
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
INFO	INFORMATION
LBS	POUNDS
LG	LONG
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LSL	LAMINATED STRAND LUMBER
LVL	LAMINATED VENEER LUMBER
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MTL	METAL
NIC	NOT IN CONTRACT
NS	NON-SHRINK
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
PAF	POWDER ACTUATED FASTENER
PEMB	PRE-ENGINEERED METAL BUILDING
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
PT	POINT
QTY	QUANTITY
REINF	REINFORCING
REM	REMAINDER
REQ'D	REQUIRED
RTU	ROOF TOP UNIT
SCHD	SCHEDULE
SIM	SIMILAR
SLV	SHORT LEG VERTICAL
SOG	SLAB-ON-GRADE
SPF	SPRUCE-PINE-FIR
SQ	SQUARE
STD	STANDARD
T&B	TOP AND BOTTOM
THK	THICK
TOF	TOP OF FOOTING
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TOW	TOP OF WALL
TSA	THREADED STUD ANCHOR
TYP	TYPICAL
VERT	VERTICAL
UNO	UNLESS NOTED OTHERWISE
W/	WITH
WF	WIDE FLANGE
WWR	WELDED WIRE REINFORCING

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SALINA ART CENTER

NEWENTRY & PATIO SPACE, INTERIOR RENOVATIONS

SALINA, KANSAS

BRENT ENGELLAND
LICENSED
16384
KANSAS
PROFESSIONAL ENGINEER

REVISION:

REVISED 7-28-2023

DATE: 5/8/2023

JOB: 15-2730

SHEET NO.:

S0.0

REVIEWED FOR CODE COMPLIANCE
City of Salina
Building Services Division
Shawn Homan
10/26/2023 9:00:19 AM

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SCHEDULE OF SPECIAL INSPECTION SERVICES

MATERIAL / ACTIVITY	SERVICE	INSPECTION EXTENT	INSPECTION AGENT*
1704.2.5 Inspection of Fabricators			
Verify fabrication/quality control procedures	In-plant review (3)	Periodic	S.I.
1705.1.1 Special Cases (work unusual in nature, including but not limited to alternative materials and systems, unusual design applications, materials and systems with special manufacturer's requirements)	Submittal review, shop (3) and/or field inspection		S.I.
1705.2 Steel Construction			
1. Fabricator and erector documents (Verify reports and certificates as listed in AISC 360, chapter N, paragraph 3.2 for compliance with construction documents)	Submittal Review	Each submittal	S.I.
2. Material verification of structural steel	Shop (3) and field inspection	Periodic	S.I.
3. Embedments (Verify diameter, grade, type, length, embedment. See 1705.3 for anchors)	Field inspection	Periodic	S.I.
4. Verify member locations, braces, stiffeners, and application of joint details at each connection comply with construction documents	Field inspection	Periodic	S.I.
5. Structural steel welding:			S.I.
a. Inspection tasks Prior to Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-1)	Shop (3) and field inspection	Observe or Perform as noted (4)	S.I.
b. Inspection tasks During Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-2)	Shop (3) and field inspection	Observe (4)	S.I.
c. Inspection tasks After Welding (Observe, or perform for each welded joint or member, the QA tasks listed in AISC 360, Table N5.4-3)	Shop (3) and field inspection	Observe or Perform as noted (4)	S.I.
d. Nondestructive testing (NDT) of welded joints: *see Commentary*			
1) Complete penetration groove welds 5/16" or greater in *risk category* III or IV	Shop (3) or field ultrasonic testing - 100%	Periodic	S.I.
2) Complete penetration groove welds 5/16" or greater in *risk category* II	Shop (3) or field ultrasonic testing - 10% of welds minimum	Periodic	S.I.
3) Thermally cut surfaces of access holes when material t > 2"	Shop (3) or field magnetic Partical or Penetrant testing	Periodic	S.I.
4) Welded joints subject to fatigue when required by AISC 360, Appendix 3, Table A-3.1	Shop (3) or field radiographic or Ultrasonic testing	Periodic	S.I.
5) Fabricator's NDT reports when fabricator performs NDT	Verify reports	Each submittal (5)	S.I.
6. Structural steel bolting:	Shop (3) and field inspection		S.I.
a. Inspection tasks Prior to Bolting (Observe, or perform tasks for each bolted connection, in accordance with QA tasks listed in AISC 360, Table N5.6-1)		Observe or Perform as noted (4)	S.I.
b.Inspection tasks During Bolting (Observe the QA tasks listed in AISC 360, Table N5.6-2)		Observe (4)	S.I.
1) Pre-tensioned and slip-critical joints			S.I.
a) Turn-of-nut with matching markings		Periodic	S.I.
b) Direct tension indicator		Periodic	S.I.
c) Twist-off type tension control bolt		Periodic	S.I.
d) Turn-of-nut without matching markings		Continuous	S.I.
e) Calibrated wrench		Continuous	S.I.
2) Snug-tight joints		Periodic	S.I.
c. Inspection tasks After Bolting (Perform tasks for each bolted connection in accordance with QA tasks listed in AISC 360, Table N5.6-3)		Perform (4)	S.I.
7. Inspection of steel elements of composite construction prior to concrete placement in accordance with QA tasks listed in AISC 360, Table N6.1	Shop (3) and field inspection and testing	Observe or Perform as noted (4)	S.I.
1705.2.2 Steel Construction Other Than Structural Steel			
1. Material verification of cold-formed steel deck:			S.I.
a. Identification markings	Field inspection	Periodic	S.I.
b. Manufacturer's certified test reports	Submittal Review	Each submittal	S.I.
2. Connection of cold-formed steel deck to supporting structure:	Shop (3) and field inspection		S.I.
a. Welding		Periodic	S.I.
b. Other fasteners (in accordance with AISC 360,Section N6)			S.I.
1) Verify fasteners are in conformance with approved submittal		Periodic	S.I.
2) Verify fastener installation is in conformance with approved submittal and manufacturer's recommendations		Periodic	S.I.
3. Reinforcing steel	Shop (3) and field inspection		S.I.
a. Verification of weldability of steel other than ASTM A706		Periodic	S.I.
b. Reinforcing steel resisting flexural and axial forces in intermediate and special moment frames, boundary elements of special concrete structural walls and shear reinforcement		Continuous	S.I.
c. Shear reinforcement		Continuous	S.I.
d. Other reinforcing steel		Periodic	S.I.
4. Cold-formed steel trusses spanning 60 feet or greater			S.I.
a. Verify temporary and permanent restraint/bracing are installed in accordance with the approved truss submittal package	Field inspection	Periodic	S.I.
1705.3 Concrete Construction			
1. Inspection of reinforcing steel installation (see 1705.2.2 for welding)	Shop (3) and field inspection	Periodic	S.I.
2. Inspection of prestressing steel installation	Shop (3) and field inspection	Periodic	S.I.
3. Inspection of anchors cast in concrete where allowable loads have been increased per section 1908.5 or where strength design is used	Shop (3) and field inspection	Periodic	S.I.
4. Inspection of anchors and reinforcing steel post-installed in hardened concrete: Per research reports including verification of anchor type, anchor dimensions, hole dimensions, hole cleaning procedures, anchor spacing, edge distances, concrete minimum thickness, anchor embedment and tightening torque	Field inspection	Periodic or as required by the research report issued by an approved source	S.I.
5. Verify use of approved design mix	Shop (3) and field inspection	Periodic	S.I.
6. Fresh concrete sampling, perform slump and air content tests and determine temperature of concrete	Shop (3) and field inspection	Continuous	S.I.
7. Inspection of concrete and shotcrete placement for proper application techniques	Shop (3) and field inspection	Continuous	S.I.
8. Inspection for maintenance of specified curing temperature and techniques	Shop (3) and field inspection	Periodic	S.I.
9. Inspection of prestressed concrete:	Shop (3) and field inspection		S.I.
a. Application of prestressing force		Continuous	S.I.
b. Grouting of bonded prestressing tendons in the seismic-force-resisting system		Continuous	S.I.
10. Erection of precast concrete members			S.I.
a. Inspect in accordance with construction documents	Field inspection	In accordance with construction documents	S.I.
b. Perform inspections of welding and bolting in accordance with Section 1705.2	Field inspection	In accordance with Section 1705.2	S.I.
11. Verification of in-situ concrete strength, prior to stressing of tendons in post tensioned concrete and prior to removal of shores and forms from beams and structural slabs	Review field testing and laboratory reports	Periodic	S.I.
12. Inspection of formwork for shape, lines, location and dimensions	Field inspection	Periodic	S.I.
13. Concrete strength testing and verification of compliance with construction documents	Field testing and review of laboratory reports	Periodic	S.I.

SCHEDULE OF SPECIAL INSPECTION SERVICES

MATERIAL / ACTIVITY	SERVICE	INSPECTION EXTENT	INSPECTION AGENT*
1705.4 Masonry Construction			
Level - B - Quality Assurance			
(A) Level A, B and C Quality Assurance:			
1. Verify compliance with approved submittals	Field Inspection	Periodic	S.I.
(B) Level B Quality Assurance:			
1. Verification of f'm and f'_{AAC} prior to construction	Testing by unit strength method or prism test method	Periodic	S.I.
(C) Level C Quality Assurance:			
1. Verification of f'm and f'_{AAC} prior to construction and for every 5,000 SF during construction	Testing by unit strength method or prism test method	Periodic	S.I.
2. Verification of proportions of materials in premixed or preblended mortar, prestressing grout, and grout other than self-consolidating grout, as delivered to the project site	Field inspection	Continuous	S.I.
3. Verify placement of masonry units	Field Inspection	Periodic	S.I.
(D) Levels B and C Quality Assurance:			
1. Verification of Slump Flow and Visual Stability Index (VSI) of self-consolidating grout as delivered to the project	Field testing	Continuous	S.I.
2. Verify compliance with approved submittals	Field inspection	Periodic	S.I.
3. Verify proportions of site-mixed mortar, grout and prestressing grout for bonded tendons	Field Inspection	Periodic	S.I.
4. Verify grade, type, and size of reinforcement and anchor bolts, and prestressing tendons and anchorages	Field Inspection	Periodic	S.I.
5. Verify construction of mortar joints	Field Inspection	Periodic	S.I.
6. Verify placement of reinforcement, connectors, and prestressing tendons and anchorages	Field Inspection	Level B - Periodic Level C - Continuous	S.I. S.I.
7. Verify grout space prior to grouting	Field Inspection	Level B - Periodic Level C - Continuous	S.I. S.I.
8. Verify placement of grout and prestressing grout for bonded tendons	Field Inspection	Continuous	S.I.
9. Verify size and location of structural masonry elements	Field Inspection	Periodic	S.I.
10. Verify type, size, and location of anchors, including details of anchorage of masonry to structural members, frames, or other construction.	Field inspection	Level B - Periodic Level C - Continuous	S.I. S.I.
11. Verify welding of reinforcement (see 1705.2.2)	Field inspection	Continuous	S.I.
12. Verify preparation, construction, and protestion of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F)	Field inspection	Periodic	S.I.
13. Verify application and measurement of prestressing force	Field Inspection	Continuous	S.I.
14. Verify placement of AAC masonry units and construction of thin-bed mortar joints (first 5000 SF of AAC masonry)	Field inspection	Continuous	S.I.
15. Verify placement of AAC masonry units and construction of thin-bed mortar joints (after the first 5000 SF of AAC masonry)	Field inspection	Level B - Periodic Level C - Continuous	S.I. S.I.
16. Verify properties of thin-bed mortar for AAC masonry (first 5000 SF of AAC masonry)	Field inspection	Continuous	S.I.
17. Verify properties of thin-bed mortar forAAC masonry (after the first 5000 SF of AAC masonry)	Field inspection	Level B - Periodic Level C - Continuous	S.I. S.I.
18. Prepare grout and mortar specimens	Field testing	Level B - Periodic Level C - Continuous	S.I. S.I.
19. Observe preparation of prisms	Field inspection	Level B - Periodic Level C - Continuous	S.I. S.I.
20. Inspection of anchors and reinforcing steel post-installed (epoxy, expansion, etc.): Per research reports including verification of anchor type, anchor dimensions, hole dimensions, hole cleaning procedures, anchor spacing, edge distances, location to masonry joints, masonry minimum thickness, anchor embedment and tightening torque	Field inspection	Periodic or as required by the research report issued by an approved source	S.I.
1705.6 Soils			
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	Field inspection	Periodic	G.E. or S.I.
2. Verify excavations are extended to proper depth and have reached proper material.	Field inspection	Periodic	G.E. or S.I.
3. Perform classification and testing of controlled fill materials.	Field inspection	Periodic	G.E. or S.I.
4. Verify use of proper materials, densities, and lift thicknesses during placement and compaction of controlled fill	Field inspection	Continuous	G.E. or S.I.
5. Prior to placement of controlled fill, observe subgrade and verify that site has been prepared properly	Field inspection	Periodic	G.E. or S.I.

*** INSPECTION AGENTS**

FIRM	ADDRESS
1. G.E. Geotechnical Engineer	
2. S.I. Special Inspector - Not Yet Selected	
3.	
4.	

Notes: 1. The inspection and testing agent(s) shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official prior to commencing work. The qualifications of the Special Inspector(s) and/or testing agencies may be subject to the approval of the Building Official and/or the Design Professional.

2. If the list of Inspection Agents is noted as "Not Yet Selected" the General Contractor shall coordinate submittal of special inspection agencies for approval by the Building Offical and the Design Professional.

3. Special Insepctions as required by Section 1704.2.5 are not required where the fabricator is approved in accordance with IBC Section 1704.2.5.2

4. Observe on a random basis, operations need not be delayed pending these inspections. Perform these tasks for each welded joint, bolted connection, or steel element.

5. NDT of welds completed in an approved fabricator's shop may be performed by that fabricator when approved by the AHJ. Refer to AISC 360, N7.

STATEMENT OF SPECIAL INSPECTIONS

1. THIS STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS IS INCLUDED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE BUILDING CODE. THE TABLE OF REQUIRED SPECIAL INSPECTIONS IDENTIFIES THE STRUCTURAL ITEMS TO BE INSPECTED APPLICABLE TO THIS PROJECT AS WELL AS IDENTIFYING THE APPROVED AGENCIES TO BE RETAINED FOR CONDUCTING THESE INSPECTIONS AND TESTS.

2. SPECIAL INSPECTIONS SHALL BE PERFORMED BY PERSONNEL AS INDICATED IN THE TABLE.

   S.I. SPECIAL INSPECTOR
   G.E. GEOTECHNICAL ENGINEER

3. IF SPECIAL INSPECTION IS WAIVED BY THE GOVERNING AUTHORITIES, THE GENERAL CONTRACTOR SHALL PROVIDE THE ENGINEER OF RECORD A COPY OF THE BUILDING OFFICIALS WRITTEN EXEMPTION FOR SPECIAL INSPECTION PRIOR TO STARTING WORK.

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DATE:	5/8/2023
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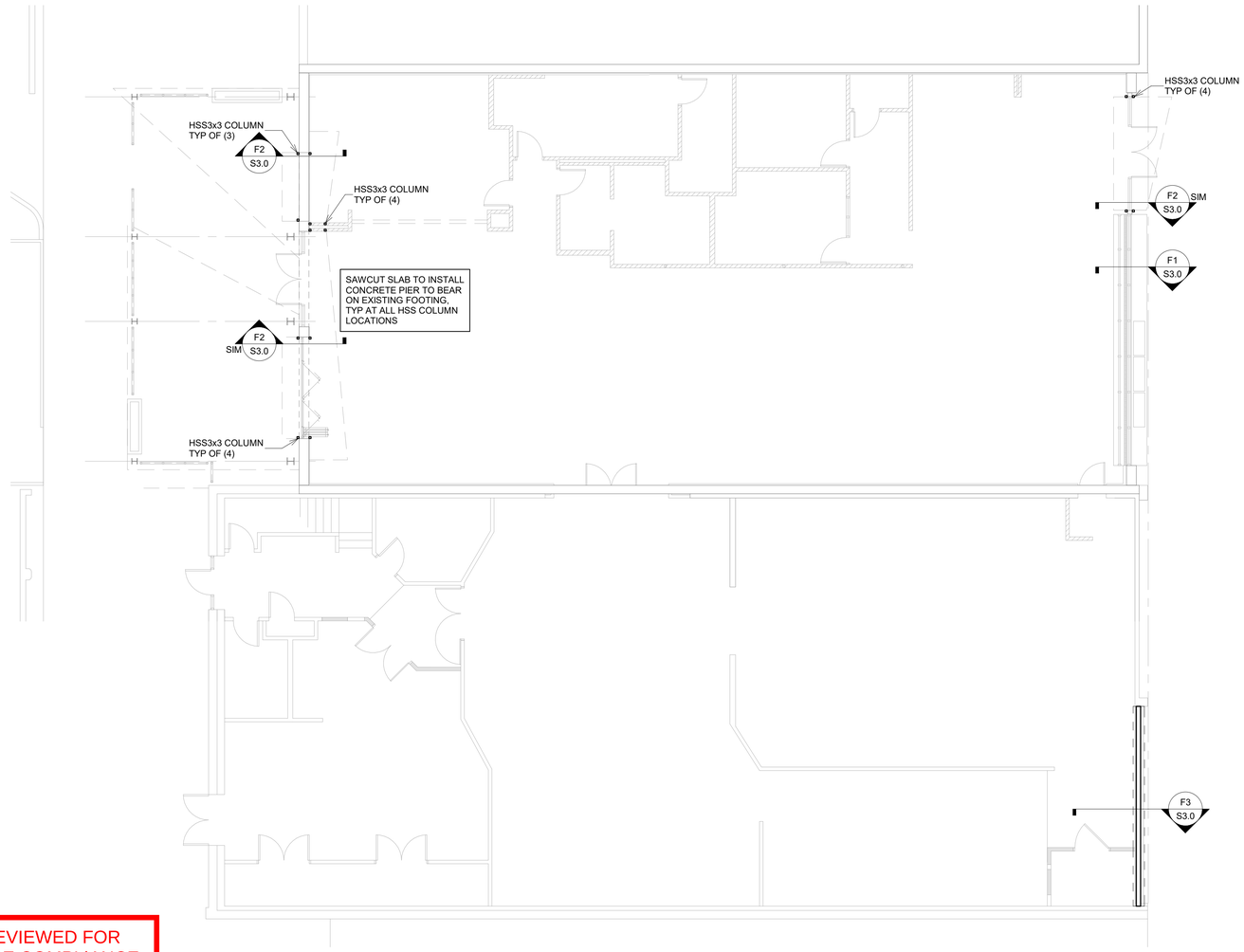

1 FOUNDATION PLAN
1/8" = 1'-0"

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PLAN NOTES

1. FOR GENERAL STRUCTURAL NOTES (GSN) SEE SHEET S0.0
2. DIMENSIONS SHOWN HERE APPLY TO STRUCTURAL ELEMENTS ONLY. SEE ARCHITECTURAL FOR ANY DIMENSIONS NOT NOTED HERE.
3. ALL EXTERIOR BEARING WALLS TO BE: 550S162-43 CFS STUDS @ 16" O.C.
4. CONTACT EOR IF EXISTING CONDITIONS ARE DIFFERENT THAN ASSUMED.

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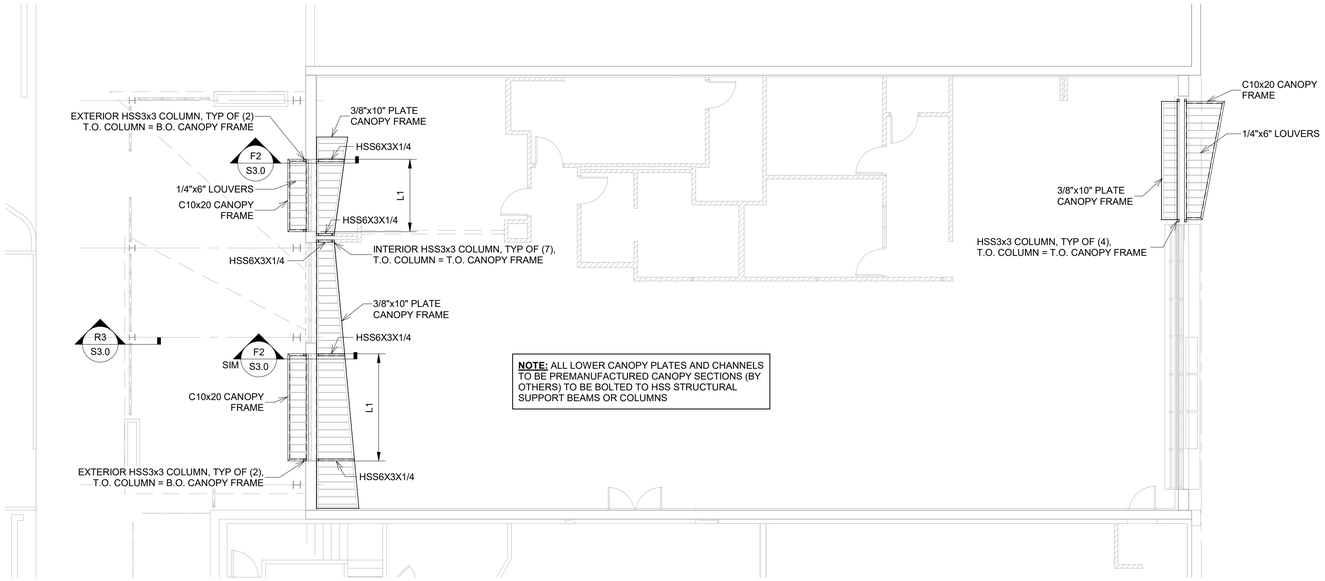


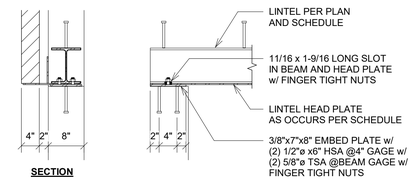
NOTE: ALL LOWER CANOPY PLATES AND CHANNELS TO BE PREMANUFACTURED CANOPY SECTIONS (BY OTHERS) TO BE BOLTED TO HSS STRUCTURAL SUPPORT BEAMS OR COLUMNS

2 LOWER CANOPY PLAN
1/8" = 1'-0"

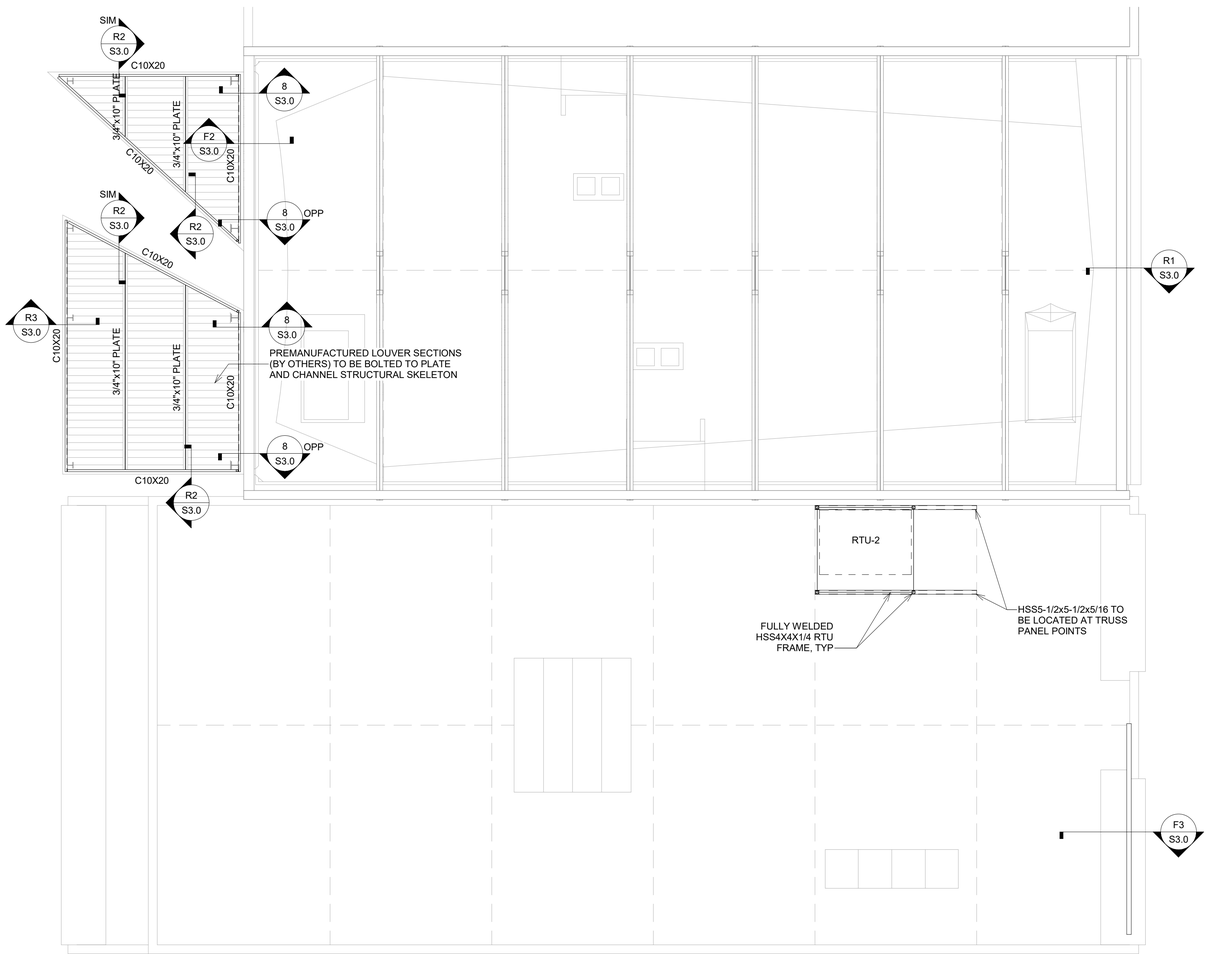
LINTEL SCHEDULE

MK NO.	LINTEL		REMARKS
	SIZE	PLATE OR ANGLE	
L1	W8x10	PL. 14"x1/4"	

LINTEL SCHEDULE NOTES:
1. ALL STEEL LINTELS SHALL HAVE 8" MIN. BEARING EA SIDE OF OPENING.
2. ATTACH PLATE TO FLANGE OF WIDE FLANGE WITH 3/16" 3"@12" FILLET WELD (EACH SIDE)
3. WELD 3/8"x4" HSA @ 24"oc TO TOP OF BEAM



L1 TYPICAL STEEL LINTEL IN CMU
3/4" = 1'-0"



1 UPPER CANOPY PLAN
1/8" = 1'-0"

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PLAN NOTES

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2. DIMENSIONS SHOWN HERE APPLY TO STRUCTURAL ELEMENTS ONLY. SEE ARCHITECTURAL FOR ANY DIMENSIONS NOT NOTED HERE.
3. ALL EXTERIOR STUD WALLS AND INTERIOR BEARING WALLS TO BE 550S162-43 CFS STUDS @ 16" O.C.
4. COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT AND THEIR NOTED SUPPORTS WITH MECHANICAL DRAWINGS. ALL MECHANICAL UNITS MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS, VERIFY ALL MECHANICAL UNITS WITH MECHANICAL DRAWINGS.
5. LINTELS PER LINTEL SCHEDULE
6. CONTACT EOR IF EXISTING CONDITIONS ARE DIFFERENT THAN ASSUMED.

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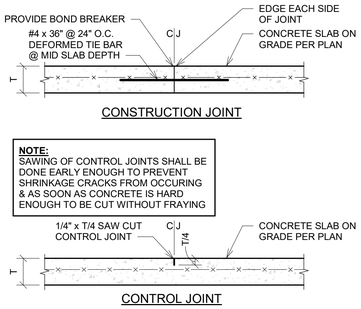
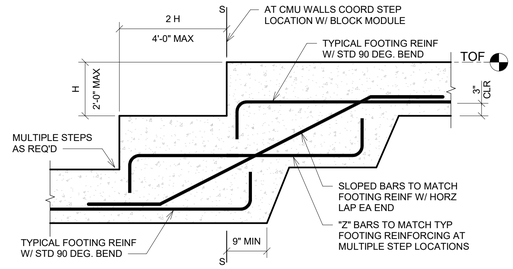
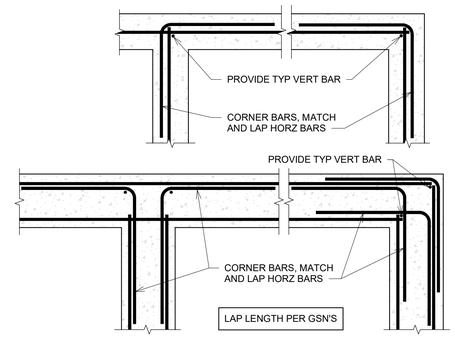


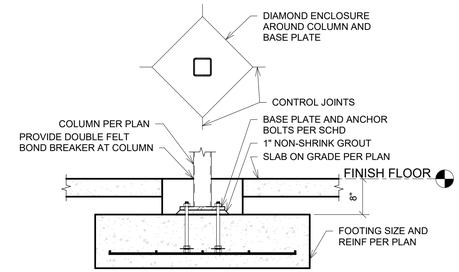
1 SLAB ON GRADE JOINTS
3/4" = 1'-0"



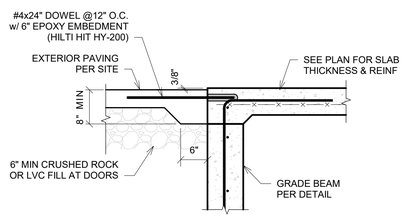
2 TYPICAL STEP FOOTING
3/4" = 1'-0"



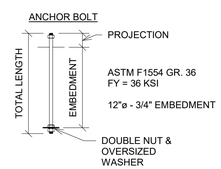
3 TYPICAL WALL REINFORCING
3/4" = 1'-0"



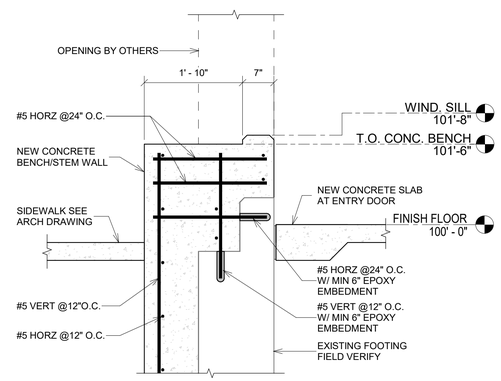
4 TYPICAL INTERIOR COLUMN FOOTING
3/4" = 1'-0"



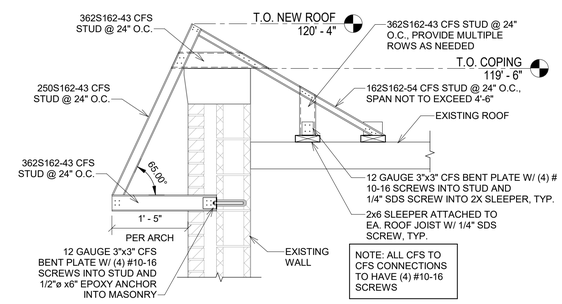
5 TYPICAL REINFORCING AT DOORWAYS
3/4" = 1'-0"



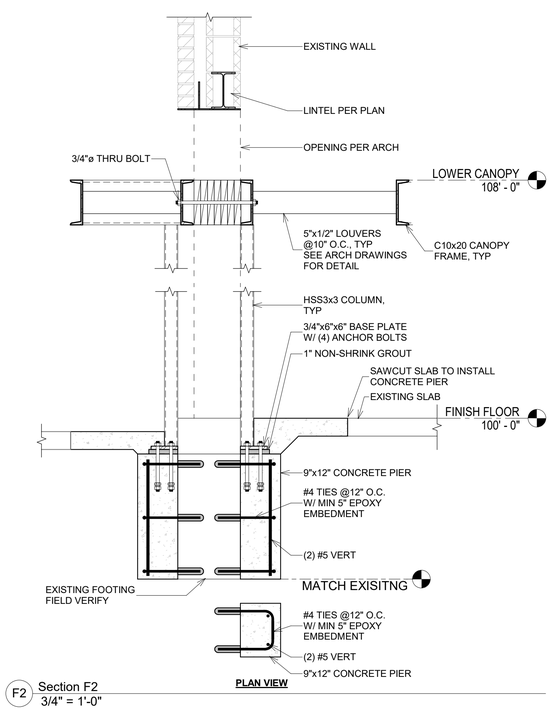
6 ANCHOR BOLTS
NTS



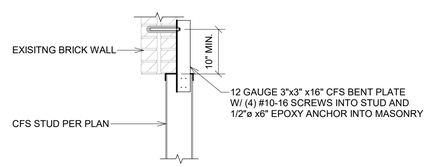
F1 Section F1
3/4" = 1'-0"

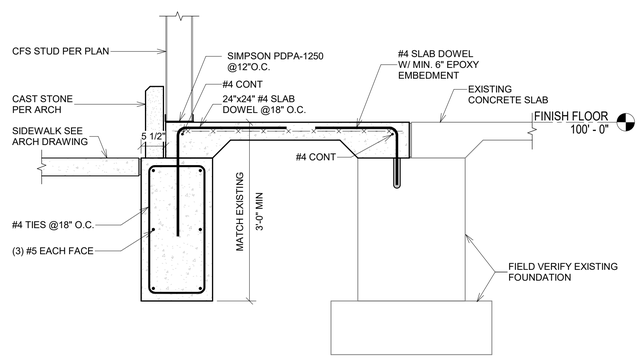


R1 Section R1
3/4" = 1'-0"

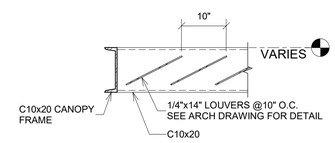


F2 Section F2
3/4" = 1'-0"

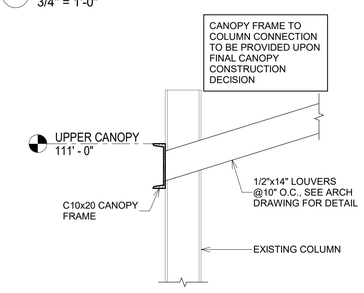




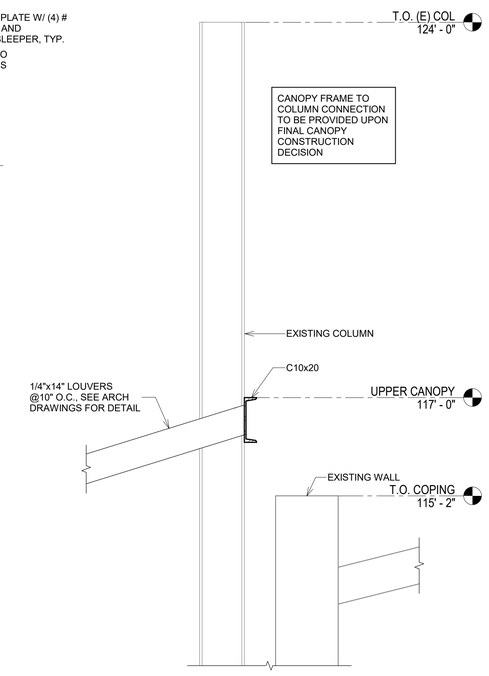
F3 Section F3
3/4" = 1'-0"



R2 Section R2
3/4" = 1'-0"



R3 Section R3
3/4" = 1'-0"



8 Section R4
3/4" = 1'-0"

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