PORT ARTHUR BRANCH RENOVATION

5POINT CREDIT UNION

4401 HWY 73 PORT ARTHUR, TX 77642

OWNER
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

Contact: Kenneth Miller
Phone: (409) 726-8280
Email: kmiller@5pointcu.org

ARCHITECT
ARCHITECTURAL ALLIANCE, INCORPORATED
350 Pine Street Suite 720
Beaumont, Texas 77701

Contact: Ronnie Jones
Phone: (409) 866-7196
Email: rjones@architect-aia.com

CIVIL
WHITELEY OLIVER
4351 Crow Road
Beaumont, Texas 77706

Contact: Zachary Rowe
Phone: (409) 892-0421
Email: zach.rowe@whiteleyoliver.com

STRUCTURAL
FITTZ & SHIPMAN
1405 Cornerstone Court
Beaumont, Texas 77706

Contact: Daniel Dotson
Phone: (409) 832-7238
Email: ddotson@fittzshipman.com

MECHANICAL, ELECTRICAL, PLUMBING
M&E CONSULTING
1304 Bertrand Dr., Suite F7
Lafayette, la 70506

Contact: Hogan Guidry
Phone: (337) 849-7759
Email: hogan@meconsulting.com

GENERAL CONTRACTOR
CONSTRUCTION ZONE
231 N. Twin City Hwy
Nederland, Texas 77627

Contact: Jim English
Phone: (409) 729-8989 x11
Email: je@cziglobal.com

ABBREVIATIONS

A.B.	ANCHOR BOLT	DR	DOOR	HW	HOT WATER	OPNG	OPENING
A/C	AIR CONDITIONING	DS	DOWNSPOUT			OPP	OPPOSITE
ACT	ACOUSTICAL CEILING TILE	DWR	DRAWER	ID	INSIDE DIAMETER		
A.D.	AREA DRAIN			IN	INCH	PERP	PERPENDICULAR
ADA	AMERICANS WITH DISABILITIES ACT	EA	EACH	INCL	INCLUDE(D)	PL	PLATE (OR PROPERTY LINE)
ADJ	ADJUSTABLE	EF	EACH FACE / EXHAUST FAN	INSUL	INSULATION	PLAM	PLASTIC LAMINATE
AFF	ABOVE FINISH FLOOR	EJ	EXPANSION JOINT	INT	INTERIOR	PLAS	PLASTER
ALT	ALTERNATE	EIFS	EXTERIOR INSULATED FINISH SYSTEM	INV	INVERT	PLYWD	PLYWOOD
ALUM	ALUMINUM	ELEC	ELECTRICAL			PNL	PANEL
ANOD	ANODIZED	ELEV	ELEVATION	JAN	JANITOR	PNT	PAINT
APPROX	APPROXIMATE	EMER	EMERGENCY	JST	JOIST	PR	PAIR
ARCH	ARCHITECT(URAL)	ENCL	ENCLOSURE	JT	JOINT	PSF	POUNDS PER SQUARE FOOT
ASPH	ASPHALT	EQ	EQUAL			PSI	POUNDS PER SQUARE INCH
		EQUIP	EQUIPMENT	KD	KNOCK DOWN	PT	PRESSURE TREATED
BD	BOARD	EW	EACH WAY	KIT	KITCHEN	PTN	PARTITION
BIT	BITUMINOUS	EWC	ELECTRIC WATER COOLER	KO	KNOCK OUT	PVC	POLYVINYL CHLORIDE
BLDG	BUILDING	EXH	EXHAUST	LAB	LABORATORY	RA	RETURN AIR
BLKG	BLOCKING	EXIST	EXISTING	LAM	LAMINATE(D)	RAD	RADIUS
BM	BEAM	EXP	EXPANSION / EXPOSED	LAV	LAVATORY	RB	RESILIENT BASE
B.O.	BOTTOM OF	EXT	EXTERIOR	LF	LINEAL FOOT	RCP	REFLECTED CEILING PLAN
BOT	BOTTOM			LH	LEFT HAND	RD	ROOF DRAIN
BRG	BEARING	FD	FLOOR DRAIN	LHR	LEFT HAND REVERSE	REBAR	REINFORCING BAR
BTWN	BETWEEN	FDN	FOUNDATION	LL	LIVE LOAD	REC	RECESSED
BUR	BUILT-UP ROOF	FE	FIRE EXTINGUISHER	LLH	LONG LEG HORIZONTAL	REF	REFERENCE
		FEC	FIRE EXTINGUISHER CABINET	LLV	LONG LEG VERTICAL	REFR	REFRIGERATOR
CAB	CABINET			LWC	LIGHT WEIGHT CONCRETE	REINF	REINFORCING / REINFORCED
CBU	CEMENTITIOUS BACKER UNIT	FF	FINISH FLOOR			REQD	REQUIRED
C/C	CENTER-TO-CENTER	FFE	FINISH FLOOR ELEVATION	MACH	MACHINE	RES	RESILIENT
CEM	CEMENT	FIN	FINISH	MAS	MASONRY	REV	REVISION
CER	CERAMIC	FLR	FLOOR	MATL	MATERIAL	RH	RIGHT HAND
C.G.	CORNER GUARD	FLUOR	FLUORESCENT	MAX	MAXIMUM	RHR	RIGHT HAND REVERSE
C.I.P.	CAST-IN-PLACE	FM	FACTORY MUTUAL	MDF	MEDIUM DENSITY FIBERBOARD	RM	ROOM
C.J.	CONTROL JOINT	FO	FACE OF (SPECIFY ITEM)	MECH	MECHANICAL	RO	ROUGH OPENING
CL	CENTERLINE	FOB	FACE OF BRICK	MEMB	MEMBRANE	RWL	RAINWATER LEADER
CLG	CEILING	FOC	FACE OF CONCRETE	MFR	MANUFACTURER	R&S	ROD AND SHELF
CLR	CLEAR(ANCE)	FOS	FACE OF STUD	MEZZ	MEZZANINE		
CLOS	CLOSET	FR	FIRE RESISTIVE	MH	MANHOLE	SC	SOLID CORE
CMU	CONCRETE MASONRY UNIT	FT	FEET / FOOT	MIN	MINIMUM	SCHED	SCHEDULE
C.O.	CLEAN OUT	FTG	FOOTING	MIR	MIRROR	SF	SQUARE FEET
COL	COLUMN	FURR	FURRING / FURRED	MISC	MISCELLANEOUS	SHT	SHEET
CONC	CONCRETE			MO	MASONRY OPENING	SIM	SIMILAR
CONSTR	CONSTRUCTION	GA	GUAGE	MR	MOISTURE RESISTANT	SPEC	SPECIFICATION
CONT	CONTINUOUS	GALV	GALVANIZED	MTL	METAL	SQ	SQUARE
COORD	COORDINATE	GB	GRAB BAR	MULL	MULLION	SS	STAINLESS STEEL
CORR	CORRIDOR	GC	GENERAL CONTRACTOR			ST	STONE
CTR	CENTER	GL	GLASS / GLAZING	N/A	NOT APPLICABLE	STC	SOUND TRANSMISSION CLASS
C.Y.	CUBIC YARD	GND	GROUND	NIC	NOT IN CONTRACT	STD	STANDARD
		GR	GRADE	NO.	NUMBER	STL	STEEL
DBL	DOUBLE	GWB	GYPSUM WALLBOARD	NOM	NOMINAL	STOR	STORAGE
DEMO	DEMOLITION	GYP	GYPSUM	NTS	NOT TO SCALE	STRUCT	STRUCTURAL
DEPT	DEPARTMENT					SUSP	SUSPENDED
DET	DETAIL	HB	HOSE BIB	OC	ON CENTER	SYM	SYMMETRICAL
DIA	DIAMETER	HC	HOLLOW CORE	OD	OUTSIDE DIAMETER (OR OVERFLOW DRAIN)	TAS	TEXAS ACCESSIBILITY STANDARDS
DIAG	DIAGONAL	HDR	HEADER			T&B	TOP AND BOTTOM
DIM	DIMENSION	HDWR	HARDWARE	OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED	T&G	TONGUE AND GROOVE
DISP	DISPENSER	HM	HOLLOW METAL			TBD	TO BE DETERMINED
DL	DEAD LOAD	HORIZ	HORIZONTAL	OFOI	OWNER FURNISHED/ OWNER INSTALLED	TEL	TELEPHONE
DN	DOWN	HT	HEIGHT	OH	OPPOSITE HAND (OR OVERHEAD)	TER	TERRAZZO
		HVAC	HEATING, VENTILATION, AND AIR CONDITIONING			THK	THICK(NESS)
						TI	TENANT IMPROVEMENT
						TO	TOP OF (SPECIFY ITEM)
						TOC	TOP OF CURB / CONCRETE
						TOP	TOP OF PARAPET
						TOS	TOP OF STEEL
						TOW	TOP OF WALL
						TPTN	TOILET PARTITION
						TS	TUBULAR STEEL
						TV	TELEVISION
						TYP	TYPICAL
						UC	UNDERCOUNTER
						UL	UNDERWRITERS LABORATORY
						UNO	UNLESS NOTED OTHERWISE
						VCT	VINYL COMPOSITION TILE
						VENT	VENTILATION
						VERT	VERTICAL
						VEST	VESTIBULE
						VIF	VERIFY IN FIELD
						VR	VAPOR RETARDER
						VTR	VENT THRU ROOF
						VWC	VINYL WALL COVERING
						WC	WATER CLOSET
						WD	WOOD
						WDW	WINDOW
						W/	WITH
						WH	WATER HEATER
						W/O	WITHOUT
						WP	WATERPROOF
						WR	WATER RESISTANT
						WT	WEIGHT
						WWF	WELDED WIRE FABRIC
						WWM	WELDED WIRE MESH
						YD	YARD

PROJECT INFORMATION

APPLICABLE CODES AND STANDARDS

A. 2015 INTERNATIONAL BUILDING CODE
B. 2015 INTERNATIONAL EXISTING BUILDING CODE
C. 2015 INTERNATIONAL ENERGY CONSERVATION CODE
D. 2015 INTERNATIONAL PLUMBING CODE
E. 2015 INTERNATIONAL MECHANICAL CODE
F. 2015 INTERNATIONAL FIRE CODE
G. 2014 NATIONAL ELECTRIC CODE
H. 2014 ICC 600 STORM
I. 2012 TEXAS ACCESSIBILITY CODE (2012 TAS)

BUILDING OCCUPANCY : B
TYPE OF CONSTRUCTION: TYPE II-B/ FULL AUTOMATIC SPRINKLER/FIRE ALARM SYSTEM
BUILDING AREA TABULATION:

AIR CONDITIONED AREA	
FIRST FLOOR	***10,935 SF***
SECOND FLOOR	***10,935 SF***
PORCH	***180 SF***
DRIVE -THRU ITM	***1,900 SF***

LIST OF ALTERNATES

ALTERNATE 1
DOORS 01 AND DOOR 09 AUTOMATIC SLIDING DOORS TO BE REMOVED AND REPLACED WITH NEW AUTOMATIC SLIDING DOORS

ALTERNATE 2
REPLACE EXISTING POLE LIGHTS WITH NEW 25'-0" TALL POLE LIGHTS PER ELECTRICAL

TABS2022016099

Sheet List Table

Sheet Number	Sheet Title
General	
G000	Cover Sheet
G100	Texas Accessibility Sheet
G101	Texas Accessibility Sheet
G102	Texas Accessibility Sheet
G300	Fire Partitions
Civil	
C-1	General Notes & Details
C-2	Demolition Plan
C-3	Proposed Site Plan
C-4.0	Proposed Grading Plan
C-4.1	ITM Canopy Drainage Plan
C-5	Proposed Drainage Plan
C-6	Proposed Erosion Control Plan
Architectural	
AS100	Demolition Site Plan
AS101	New Site Plan
AS102	Drive-Thru Plan
AS103	Enlarged Drive-Thru Plan and RCP
AS104	Enlarged Drive-Thru Roof Plan
AS105	Drive-Thru Exterior Elevations
AS106	Drive-Thru Canopy Building Sections and Details
AS107	Drive-Thru Canopy Building Sections and Details
A100	First Floor Demolition Plan
A101	First Floor New Construction Plan
A102	First Floor Enlarged Floor Plan
A103	First Floor Enlarged Floor Plan
A110	Second Floor Demolition Plan
A111	Second Floor New Construction Plan
A200	Door and Window Schedule and Types
A201	Door and Window Details
A300	First Floor Demolition Reflected Ceiling Plan
A301	First Floor New Reflected Ceiling Plan
A302	First Floor Enlarged Reflected Ceiling Plan
A303	First Floor Enlarged Reflected Ceiling Plan
A304	Second Floor Demolition Reflected Ceiling Plan
A305	Second Floor New Reflected Ceiling Plan
A400	Interior Elevations
A401	Interior Elevations
A500	Millwork Details
A501	Millwork Details
A600	Demolition Front Elevations
A601	New Front Elevations

Sheet List Table

Sheet Number	Sheet Title
A602	Exterior Elevations
A700	Building and Wall Sections
A900	Roof Plan
F100	First Floor Finish, Pattern Plans and Schedule
F101	Second Floor Finish, Pattern Plans and Schedule
F102	First Floor Accent Paint Location Plan
F103	Second Floor Accent Paint Location Plan
Roof Consultant	
R2.00	Existing Roof Plan
R2.01	New Roof Plan
R5.00	Details
R5.01	Details
Structural	
S1	General Notes & Column Schedule
S2	Foundation Plans
S3	Framing Plans
S4	Foundation & Framing Details
Mechanical	
M000	Mechanical Legend & Notes
M101	1st Floor Mechanical Demolition Plan
M102	2nd Floor Mechanical Demolition Plan
M201	1st Floor Mechanical Plan
M202	2nd Floor Mechanical Plan
M301	Mechanical Schedules & Details
Electrical	
E000	Electrical Legend & Notes
E101	Electrical Site Plan
E201	1st Floor Electrical Demolition Plan
E202	2nd Floor Electrical Demolition Plan
E301	1st Floor Lighting Plan
E302	2nd Floor Lighting Plan
E303	Enlarged Lighting Plan - Drive Thru Canopy
E401	1st Floor Power & Special Systems Plan
E402	2nd Floor Power & Special Systems Plan
E403	Site Lighting Calculations
E501	1st Floor Mechanical Power Plan
E502	2nd Floor Mechanical Power Plan
E601	Electrical Schedules & Details
E701	Electrical Risers
Plumbing	
P000	Plumbing Legend & Notes
P201	1st Floor Plumbing & Fire Prot. Plan & Sched.
P202	2nd Floor Plumbing & Fire Protection Plan

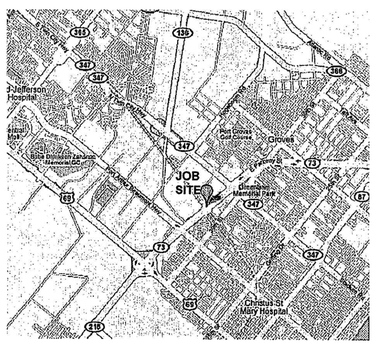
MATERIAL LEGEND

CONCRETE
BRICK MASONRY
CONCRETE MASONRY UNITS
PLYWOOD
GYPSUM BOARD
BLOCKING OR SHIM (CONTINUOUS)
BLOCKING OR SHIM (INTERMITTENT)
RIGID INSULATION
BATT INSULATION

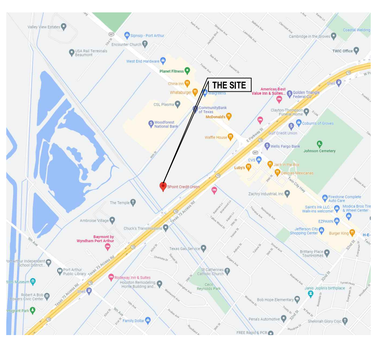
SYMBOL KEY

07 — DOOR NUMBER
TS 15 — TOILET ACCESSORY
1 A401 — INTERIOR ELEVATION MARK
1 A201 — ENLARGED DETAIL
1 — KEYNOTE
5 — PARTITION TYPES
1 A601 — EXTERIOR ELEVATION TAG
BATH ROOM 105 — ROOM NAME & NUMBER
1 — WINDOW TYPE
N — NORTH ARROW
1 — REVISION

LOCATION MAP



VICINITY MAP



SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 4:20 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-7745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectsaia.com

REGISTERED ARCHITECT JAMES R. CLARK 8217 STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT RONALD M. JONES 13662 STATE OF TEXAS
4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
Port Arthur, TX 77642
4401 Hwy 73

ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 2/19/2020
DESIGN DEVELOPMENT [ ]
DATE: 3/1/2022
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022

DRAWINGS SHEET TITLE
COVER SHEET
SET NUMBER

SHEET NUMBER
G000

21041
PROJECT NUMBER

302 FLOOR OR GROUND SURFACES

302.1 GENERAL. Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302.

EXCEPTIONS:
1. Within animal containment areas, floor and ground surfaces shall not be required to be stable, firm, and slip resistant.
2. Areas of sport activity shall not be required to comply with 302.

302.2 CARPET. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. Pile height shall be 1/2 inch (13 mm) maximum. Exposed edges of carpet shall be fastened to floor surfaces and shall have trim on the entire length of the exposed edge. Carpet edge trim shall comply with 303.

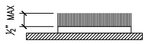


Figure 302.2 Carpet Pile Height

302.3 OPENINGS. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (13 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

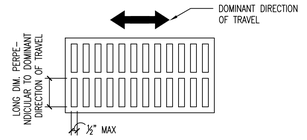


Figure 302.3 Elongated Openings in Floor or Ground Surfaces

303 CHANGE IN LEVELS

303.1 GENERAL. Where changes in level are permitted in floor or ground surfaces, they shall comply with 303.

EXCEPTIONS:
1. Animal containment areas shall not be required to comply with 303.
2. Areas of sport activity shall not be required to comply with 303.

303.2 VERTICAL. Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be Vertical.

303.3 BEVELED. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

303.4 RAMPS. Changes in level greater than 1/2 inch (13 mm) high shall be ramped, and shall comply with 405 or 406.

304 TURNING SPACE

304.1 GENERAL. Turning space shall comply with 304.

304.2 FLOOR OR GROUND SURFACES. Floor or ground surfaces of a turning space shall comply with 302. Changes in level are not permitted.

EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

304.3 SIZE. Turning space shall comply with 304.3.1 or 304.3.2.

304.3.1 CIRCULAR SPACE. The turning space shall be a space of 60 inches (1525 mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

304.3.2 T-SHAPED SPACE. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of obstructions 24 inches (610 mm) minimum. The space shall be permitted to include knee and toe clearance complying with 306 only at the end of either the base or one arm.

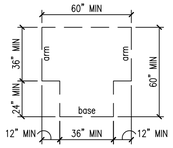


Figure 304.3.2 T-Shaped Turning Space

304.4 DOOR SWING. Doors shall be permitted to swing into turning spaces.

305 CLEAR FLOOR SPACE OR GROUND FLOOR SPACE

305.1 GENERAL. Clear floor or ground space shall comply with 305.

305.2 FLOOR OR GROUND SURFACES. Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted.

EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

305.3 SIZE. The clear floor or ground space shall be 30 inches (760 mm) minimum by 48 inches (1220 mm) minimum

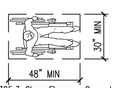


Figure 305.3 Clear Floor or Ground Space

305.4 KNEE AND TOE CLEARANCE. Unless otherwise specified, clear floor or ground space shall be permitted to include knee and toe clearance complying with 306.

305.5 POSITION. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element.

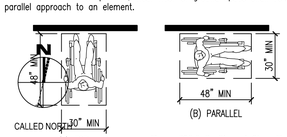


Figure 305.5 Position of Clear Floor or Ground Space

305.6 approach. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space.

305.7 MANEUVERING CLEARANCE. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided in accordance with 305.7.1 and 305.7.2.

305.7.1 FORWARD APPROACH. Alcoves shall be 36 inches (915 mm)wide minimum where the depth exceeds 24 inches (610 mm).

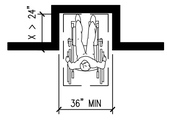


Figure 305.7.1 Maneuvering Clearance in an Alcove, Forward Approach

305.7.2 PARALLEL APPROACH. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm).

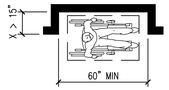
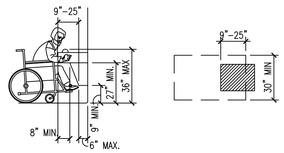


Figure 305.7.2 Maneuvering Clearance in an Alcove, Parallel Approach

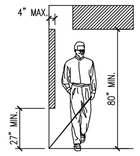
306 KNEE AND TOE CLEARANCE



307 PORTRUDING OBJECTS

307.2 PROTRUSION LIMITS. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.



307.3 POST-MOUNTED OBJECTS. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (685 mm) minimum and 80 inches (2030 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground.

EXCEPTION: The sloping portions of handrails serving stairs and ramps shall not be required to comply with 307.3.

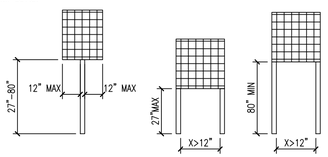


Figure 307.3 Post-Mounted Protruding Objects

307.4 VERTICAL CLEARANCE. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

308 REACH RANGE

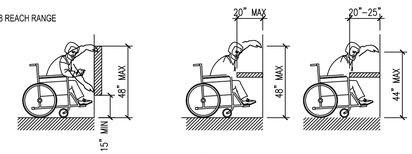


Figure 308.2.1 Unobstructed Forward Reach

Figure 308.2.2 Obstructed High Forward Reach

308.3 SIDE REACH.

308.3.1 UNOBSTRUCTED. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

EXCEPTIONS:
1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10 inches (255 mm) maximum.

2. Operable parts of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.

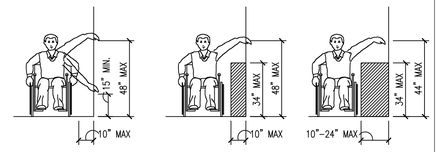


Figure 308.3.1 Unobstructed Side Reach

Figure 308.3.2 Obstructed High Side Reach

308.3.2 OBSTRUCTED HIGH REACH. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum for a reach depth of 24 inches (610 mm) maximum.

EXCEPTIONS:
1. The top of washing machines and clothes dryers shall be permitted to be 36 inches (915 mm) maximum above the finish floor.\

2. Operable parts of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.

309 OPERABLE PARTS

309.4 OPERATION. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

EXCEPTION: Gas pump nozzles shall not be required to provide operable parts that have an activating force of 5 pounds (22.2 N) maximum.

402 ACCESSIBLE ROUTES

402.2 COMPONENTS. Accessible routes shall consist of one or more of the following components: walking surfaces with a running slope not steeper than 1:20, doorways, ramps, curb ramps excluding the flared sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable requirements of Chapter 4.

403 WALKING SURFACE

403.3 SLOPE. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.

403.5 CLEARANCES. Walking surfaces shall provide clearances complying with 403.5.

EXCEPTION: Within employee work areas, clearances on common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.

403.5.1 CLEAR WIDTH. Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.

EXCEPTION: The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a length of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

Figure 403.5.1 Clear Width of an Accessible Route

403.5.2 CLEAR WIDTH AT TURN. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches (1220 mm) wide, clear width shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum at the turn and 42 inches (1065 mm) minimum leaving the turn.

EXCEPTION: Where the clear width at the turn is 60 inches (1525 mm) minimum compliance with 403.5.2 shall not be required.

Figure 403.5.2 Clear Width at Turn

Figure 403.5.2 Clear Width at Turn (EXCEPTION)

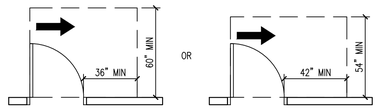
403.5.3 PASSING SPACES. An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum. Passing spaces shall be either: a space 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum; or, an intersection of two walking surfaces providing a T-shaped space complying with 304.3.2 where the base and arms of the T-shaped space extend 48 inches (1220 mm) minimum beyond the intersection.

404 DOORS, DOORWAYS, AND GATES

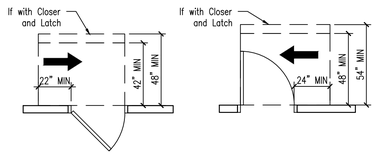
404.2.3 CLEAR WIDTH. Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

EXCEPTIONS:
1. In alterations, a projection of 5/8 inch (16 mm) maximum into the required clear width shall be permitted for the latch side stop.

2. Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

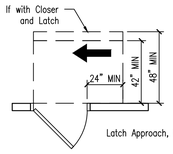


Hinge Approach, Pull Side



Hinge Approach, Push Side

Latch Approach, Pull Side



Latch Approach, Push Side

404.2.6 DOORS IN SERIES AND GATES IN SERIES. The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.

404.2.10 DOOR AND GATE SURFACES. Swinging door and gate surfaces within 10 inches (255 mm) of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch (1.6 mm) of the same plane as the other. Cavities created by added kick plates shall be capped.

405 RAMPS

405.2 SLOPE. Ramp runs shall have a running slope not steeper than 1:12.

EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 complying with Table 405.2 where such slopes are necessary due to space limitations.

1:8 SLOPE = 3" Maximum Rise
1:10 SLOPE = 6" Maximum Rise

405.3 CROSS SLOPE. Cross slope of ramp runs shall not be steeper than 1:48.

Figure 405.7 Ramp Landings

405.9.1 Extended Floor or Ground Surface. The floor or ground surface of the ramp run or landing shall extend 12 inches (305 mm) minimum beyond the inside face of a handrail complying with 505.

405.9.2 Curb or Barrier. A curb or barrier shall be provided that prevents the passage of a 4 inch (100 mm) diameter sphere, where any portion of the sphere is within 4 inches (100 mm) of the finish floor or ground surface.

Figure 405.9.1 Extended Floor or Ground Surface Edge Protection

Figure 405.9.2 Curb or Barrier Edge Protection

406 CURB RAMPS

406.1 GENERAL. Curb ramps on accessible routes shall comply with 406, 405.2 through 405.5, and 405.10.

406.2 COUNTER SLOPE. Counter slopes of adjoining gutters and road surfaces immediately adjacent to the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.

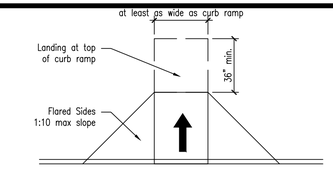
Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps

406.3 SIDES OF CURB RAMPS. Where provided, curb ramp flares shall not be steeper than 1:10.

406.4 LANDINGS. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36 inches (915 mm) minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing.

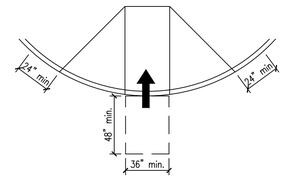
EXCEPTION: In alterations, where there is no landing at the top of curb ramps, curb ramp flares shall be provided and shall not be steeper than 1:12.

406.5 LOCATION. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides.

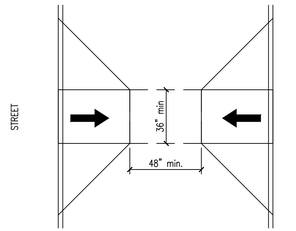


Curb Ramp Diagram

406.6 DIAGONAL CURB RAMPS. Diagonal or corner type curb ramps with returned curbs or other well-defined edges shall have the edges parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have a clear space 48 inches (1220 mm) minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches (1220 mm) minimum clear space within the markings. Diagonal curb ramps with flared sides shall have a segment of curb 24 inches (610 mm) long minimum located on each side of the curb ramp and within the marked crossing.



406.7 ISLANDS. Raised islands in crossings shall be cut through level with the street or have curb ramps at both sides. Each curb ramp shall have a level area 48 inches (1220 mm) long minimum by 36 inches (915 mm) wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. Each 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum area shall be oriented so that the 48 inch (1220 mm) minimum length is in the direction of the running slope of the curb ramp it serves. The 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum areas and the accessible route shall be permitted to overlap.



502 PARKING SPACES

502.2 VEHICLE SPACES. Car parking spaces shall be 96 inches (2440 mm) wide minimum and van parking spaces shall be 132 inches (3350 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3.

EXCEPTION: Van parking spaces shall be permitted to be 96 inches (2440 mm) wide minimum where the access aisle is 96 inches (2440 mm) wide minimum.

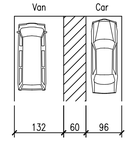


Figure 502.2 Vehicle Parking Spaces

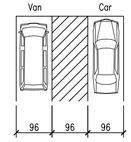


Figure 502.2 Vehicle Parking Spaces (Exception)

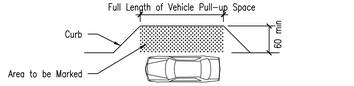
502.3.4 LOCATION. Access aisles shall not overlap the vehicular way. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces which shall have access aisles located on the passenger side of the parking spaces.

502.5 VERTICAL CLEARANCE. Parking spaces for vans and access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches (2490 mm) minimum.

502.6 IDENTIFICATION. Parking space identification signs shall include the International Symbol of Accessibility complying with 703.7.2.1. Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60 inches (1525 mm) minimum above the finish floor or ground surface measured to the bottom of the sign.

503 PASSENGER LOADING ZONES

503.2 VEHICLE PULL-UP SPACE. Passenger loading zones shall provide a vehicular pull-up space 96 inches (2440 mm) wide minimum and 20 feet (6100 mm) long minimum.



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350 Pine Street, Suite 720
Ednoc Plaza
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TEL (409) 866-7196
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BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
REVISION:
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REVISION:
DATE:

DRAWINGS SHEET TITLE
TEXAS ACCESSIBILITY SHEET

SHEET NUMBER
G100

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 10:22 AM
SHEET SIZE: ARCH expand D (36.00 x 24.00 inches)

504 STAIRWAYS

504.2 TREADS AND RISERS. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4 inches (100 mm) high minimum and 7 inches (180 mm) high maximum. Treads shall be 11 inches (280 mm) deep minimum.

504.3 OPEN RISERS. Open risers are not permitted.

504.4 TREAD SURFACE. Stair treads shall comply with 302. Changes in level are not permitted.

EXCEPTION: Treads shall be permitted to have a slope not steeper than 1:48.

504.5 NOSINGS. The radius of curvature at the leading edge of the tread shall be 1/2 inch (13 mm) maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1 1/2 inches (38 mm) maximum over the tread below.

505 HANDRAILS

505.2 WHERE REQUIRED. Handrails shall be provided on both sides of stairs and ramps.

EXCEPTION: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.

505.3 CONTINUITY. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs.

EXCEPTION: In assembly areas, handrails on ramps shall not be required to be continuous in aisles serving seating.

505.4 HEIGHT. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces.

505.5 CLEARANCE. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches (38 mm) minimum.

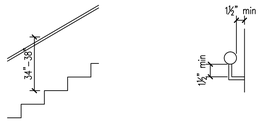


Figure 505.4 Handrail Height — Handrail Clearances

505.6 GRIPPING SURFACE. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. Where provided, horizontal projections shall occur 1 1/2 inches (38 mm) minimum below the bottom of the handrail gripping surface.

EXCEPTIONS:
1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards.

2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8 inch (3.2 mm) for each 1/2 inch (13 mm) of additional handrail perimeter dimension that exceeds 4 inches (100 mm).

505.7.1 CIRCULAR CROSS SECTION. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 NON–CIRCULAR CROSS SECTIONS. Handrail gripping surfaces with a non–circular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 1/4 inches (160 mm) maximum, and a cross–section dimension of 2 1/4 inches (57 mm) maximum.

4 – 6¼" perimeter on both

505.10.1 TOP AND BOTTOM EXTENSION AT RAMPS. Ramp handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run.

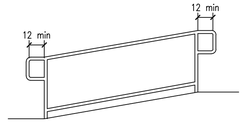
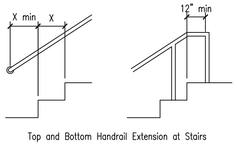


Figure 505.10.1 Top and Bottom Handrail Extension at Ramps

505.10.2 TOP EXTENSION AT STAIRS. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

505.10.3 BOTTOM EXTENSION AT STAIRS. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth beyond the last riser nosing. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.



Top and Bottom Handrail Extension at Stairs

602 DRINKING FOUNTAINS

602.2 CLEAR FLOOR SPACE. Units shall have a clear floor or ground space complying with 305 positioned for a forward approach and centered on the unit. Knee and toe clearance complying with 306 shall be provided.

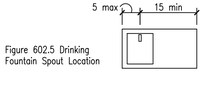


Figure 602.5 Drinking Fountain Spout Location

602.6 WATER FLOW. The spout shall provide a flow of water 4 inches (100 mm) high minimum and shall be located 5 inches (125 mm) maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches (75 mm) of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches (75 mm) and 5 inches (125 mm) maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.

602.7 DRINKING FOUNTAINS FOR STANDING PERSONS. Spout outlets of drinking fountains for standing persons shall be 38 inches (965 mm) minimum and 43 inches (1090 mm) maximum above the finish floor or ground.

603 TOILET AND BATHING ROOMS

603.2.2 OVERLAP. Required clear floor spaces, clearance at fixtures, and turning space shall be permitted to overlap.

603.2.3 DOOR SWING. Doors shall not swing into the clear floor space or clearance required for any fixture. Doors shall be permitted to swing into the required turning space.

EXCEPTIONS:
1. Doors to a toilet room or bathing room for a single occupant accessed only through a private office and not for common use or public use shall be permitted to swing into the clear floor space or clearance provided the swing of the door can be reversed to comply with 603.2.3.

2. Where the toilet room or bathing room is for individual use and a clear floor space complying with 305.3 is provided within the room beyond the arc of the door swing, doors shall be permitted to swing into the clear floor space or clearance required for any fixture.

603.3 MIRRORS. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40 inches (1015 mm) maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches (890 mm) maximum above the finish floor or ground.

603.4 COAT HOOKS AND SHELVES. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

604 WATER CLOSETS AND TOILET COMPARTMENTS

604.2 LOCATION. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Water closets shall be arranged for a left–hand or right–hand approach.

Wheelchair Accessible Water Closet — Ambulatory Accessible Water Closet

604.3.1 Size. Clearance around a water closet shall be 60 inches (1525 mm) minimum measured perpendicular from the side wall and 56 inches (1420 mm) minimum measured perpendicular from the rear wall.

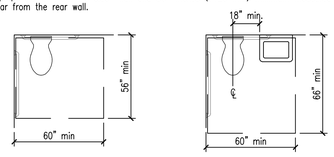
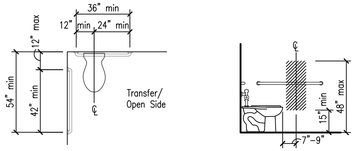


Figure 604.3.1 Size of Clearance at Water Closets — Figure 604.3.2 (Exception) Overlap of Water Closet Clearance in Residential Dwelling Units

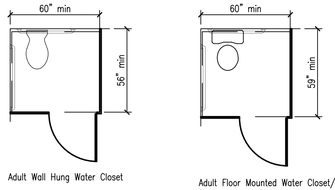


Grab Bars at Water Closets — Dispenser Outlet Location

EXCEPTIONS:
1. The rear grab bar shall be permitted to be 24 inches (610 mm) long minimum, centered on the water closet, where wall space does not permit a length of 36 inches (915 mm) minimum due to the location of a recessed fixture adjacent to the water closet.

2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.

604.7 DISPENSERS. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.



Adult Wall Hung Water Closet — Adult Floor Mounted Water Closet/ Children Water Closet

604.8.1.2 DOORS. Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self–closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

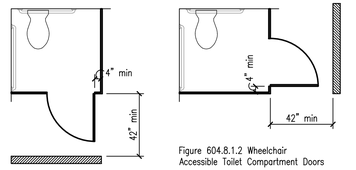
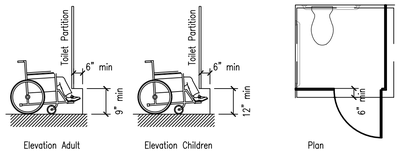


Figure 604.8.1.2 Wheelchair Accessible Toilet Compartment Doors

604.8.1.4 TOE CLEARANCE. The front partition and at least one side partition shall provide a toe clearance of 9 inches (230 mm) minimum above the finish floor and 6 inches (150 mm) deep minimum beyond the compartment–side face of the partition, exclusive of partition support members. Compartments for children's use shall provide a toe clearance of 12 inches (305 mm) minimum above the finish floor.

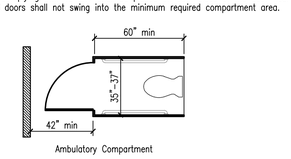
EXCEPTION: Toe clearance at the front partition is not required in a compartment greater than 62 inches (1575 mm) deep with a wall–hung water closet or 65 inches (1650 mm) deep with a floor–mounted water closet. Toe clearance at the side partition is not required in a compartment greater than 66 inches (1675 mm) wide. Toe clearance at the front partition is not required in a compartment for children's use that is greater than 65 inches (1650 mm) deep.



Elevation Adult — Elevation Children — Plan

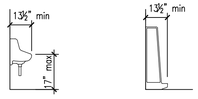
604.8.2.1 SIZE. Ambulatory accessible compartments shall have a depth of 60 inches (1525 mm) minimum and a width of 35 inches (890 mm) minimum and 37 inches (940 mm) maximum.

604.8.2.2 DOORS. Toilet compartment doors, including door hardware, shall comply with 404, except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. The door shall be self–closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.



Ambulatory Compartment

605.2 HEIGHT AND DEPTH. Urinals shall be the stall–type or the wall–hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.



Wall Hung — Stall Type

Figure 605.2 Height and Depth of Urinals

606 LAVATORIES AND SINKS

606.2 CLEAR FLOOR SPACE. A clear floor space complying with 305, positioned for a forward approach, and knee and toe clearance complying with 306 shall be provided.

EXCEPTIONS:
1. A parallel approach complying with 305 shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided and to wet bars.

2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance complying with 306.

3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met:
(a) the cabinetry can be removed without removal or replacement of the fixture;
(b) the finish floor extends under the cabinetry; and
(c) the walls behind and surrounding the cabinetry are finished.

4. A knee clearance of 24 inches (610 mm) minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31 inches (785 mm) maximum above the finish floor or ground.

5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger.

6. The dip of the overflow shall not be considered in determining knee and toe clearances.

7. No more than one bowl of a multi–bowl sink shall be required to provide knee and toe clearance complying with 306.

606.3 HEIGHT. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches (865 mm) maximum above the finish floor or ground.

606.4 FAUCETS. Controls for faucets shall comply with 309. Hand–operated metering faucets shall remain open for 10 seconds minimum.

607 BATHTUBS

607.2 CLEARANCE. Clearance in front of bathtubs shall extend the length of the bathtub and shall be 30 inches (760 mm) wide minimum. A lavatory complying with 606 shall be permitted at the control end of the clearance. Where a permanent seat is provided at the head end of the bathtub, the clearance shall extend 12 inches (305 mm) minimum beyond the wall at the head end of the bathtub.

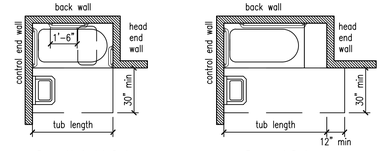
607.3 SEAT. A permanent seat at the head end of the bathtub or a removable in–tub seat shall be provided. Seats shall comply with 610.

607.4 GRAB BARS. Grab bars for bathtubs shall comply with 609 and shall be provided in accordance with 607.4.1 or 607.4.2.

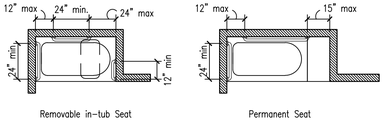
607.4.1 BATHTUBS WITH PERMANENT SEATS. For bathtubs with permanent seats, grab bars shall be provided in accordance with 607.4.1.

607.4.1.1 BACK WALL. Two grab bars shall be installed on the back wall, one located in accordance with 609.4 and the other located 8 inches (205 mm) minimum and 10 inches (255 mm) maximum above the rim of the bathtub. Each grab bar shall be installed 15 inches (380 mm) maximum from the head end wall and 12 inches (305 mm) maximum from the control end wall.

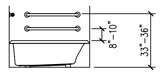
607.4.1.2 CONTROL END WALL. A grab bar 24 inches (610 mm) long minimum shall be installed on the control end wall at the front edge of the bathtub.



Removable in–tub Seat — Permanent Seat



Removable in–tub Seat — Permanent Seat



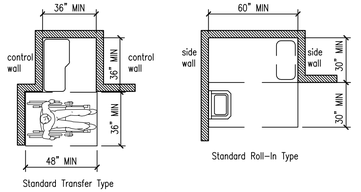
Grab Bar Heights

607.5 CONTROLS. Controls, other than drain stoppers, shall be located on an end wall. Controls shall be between the bathtub rim and grab bar, and between the open side of the bathtub and the centerline of the width of the bathtub. Controls shall comply with 309.4.

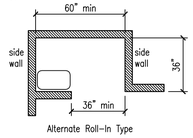
607.6 SHOWER SPRAY UNIT AND WATER. A shower spray unit with a hose 59 inches (1500 mm) long minimum that can be used both as a fixed–position shower head and as a hand–held shower shall be provided. The shower spray unit shall have an on/off control with a non–positive shut–off. If an adjustable–height shower head on a vertical bar is used, the bar shall be installed so as not to obstruct the use of grab bars. Bathtub shower spray units shall deliver water that is 120°F (49°C) maximum.

608 SHOWER COMPARTMENTS

608.2.1 TRANSFER TYPE SHOWER COMPARTMENTS. Transfer type shower compartments shall be 36 inches (915 mm) by 36 inches (915 mm) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch (915 mm) wide minimum entry on the face of the shower compartment. Clearance of 36 inches (915 mm) wide minimum by 48 inches (1220 mm) long minimum measured from the control wall shall be provided.



Standard Transfer Type — Standard Roll–In Type



Alternate Roll–In Type

609 GRAB BARS

609.2.1 CIRCULAR CROSS SECTION. Grab bars with circular cross sections shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

609.2.2 NON–CIRCULAR CROSS SECTION. Grab bars with non–circular cross sections shall have a cross–section dimension of 2 inches (51 mm) maximum and a perimeter dimension of 4 inches (100 mm) minimum and 4.8 inches (120 mm) maximum.

609.3 SPACING. The space between the wall and the grab bar shall be 1 1/2 inches (38 mm). The space between the grab bar and projecting objects below and at the ends shall be 1 1/2 inches (38 mm) minimum. The space between the grab bar and projecting objects above shall be 12 inches (305 mm) minimum.

609.4 POSITION OF GRAB BARS. Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

609.5 SURFACE HAZARDS. Grab bars and any wall or other surfaces adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges.

609.6 FITTINGS. Grab bars shall not rotate within their fittings.

609.7 INSTALLATION. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space.

609.8 STRUCTURAL STRENGTH. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 N) is applied at any point on the grab bar, fastener, mounting device, or supporting structure.

610 SEATS

610.2 BATHTUB SEATS. The top of bathtub seats shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. The depth of a removable in–tub seat shall be 15 inches (380 mm) minimum and 16 inches (405 mm) maximum. The seat shall be capable of secure placement. Permanent seats at the head end of the bathtub shall be 15 inches (380 mm) deep minimum and shall extend from the back wall to or beyond the outer edge of the bathtub.

610.3 SHOWER COMPARTMENT SEATS. Where a seat is provided in a standard roll–in shower compartment, it shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. Where a seat is provided in an alternate roll–in type shower compartment, it shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches (75 mm) of the compartment entry. In transfer–type showers, the seat shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. The top of the seat shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. Seats shall comply with 610.3.1 or 610.3.2.

610.3.1 RECTANGULAR SEATS. The rear edge of a rectangular seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The side edge of the seat shall be 1 1/2 inches (38 mm) maximum from the adjacent wall.

610.3.2 L–SHAPED SEATS. The rear edge of an L–shaped seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1 1/2 inches (38 mm) maximum from the wall and the front edge shall be 14 inches (355 mm) minimum and 15 inches (380 mm) maximum from the wall. The end of the "L" shall be 22 inches (560 mm) minimum and 23 inches maximum (585 mm) from the main seat wall.

702 FIRE ALARM SYSTEMS

702.1 GENERAL. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4–3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4–3 and 4–4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).

EXCEPTION: Fire alarm systems in medical care facilities shall be permitted to be provided in accordance with industry practice.

703 SIGNS

703.1 GENERAL. Signs shall comply with 703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided.

703.2 RAISED CHARACTERS. Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with 703.4.

703.2.1 DEPTH. Raised characters shall be 1/32 inch (0.8 mm) minimum above their background.

703.2.2 CASE. Characters shall be uppercase.

703.2.3 STYLE. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.2.4 CHARACTER PROPORTIONS. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

703.2.5 CHARACTER HEIGHT. Character height measured vertically from the baseline of the character shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "I".

703.2.6 STROKE THICKNESS. Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the height of the character. 703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.

703.2.8 LINE SPACING. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

703.3 BRAILLE. Braille shall be contracted (Grade 2) and shall comply with 703.3 and 703.4.

703.3.1 DIMENSIONS AND CAPITALIZATION. Braille dots shall have a domed or rounded shape and shall comply with Table 703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.

705 DETECTABLE WARNINGS

705.1.1 DOME SIZE. Truncated domes in a detectable warning surface shall have a base diameter of 0.9 inch (23 mm) minimum and 1.4 inches (36 mm) maximum, a top diameter of 50 percent of the base diameter minimum to 65 percent of the base diameter maximum, and a height of 0.2 inch (5.1 mm).

705.1.2 DOME SPACING. Truncated domes in a detectable warning surface shall have a center–to–center spacing of 1.6 inches (41 mm) minimum and 2.4 inches (61 mm) maximum, and a base–to–base spacing of 0.65 inch (17 mm) minimum, measured between the most adjacent domes on a square grid.

705.1.3 CONTRAST. Detectable warning surfaces shall contrast visually with adjacent walking surfaces either light–on–dark, or dark–on–light.

708 TWO-WAY COMMUNICATION SYSTEMS

708.3 HANDSETS. Handset cords, if provided, shall be 29 inches (735 mm) long minimum.

708.4 RESIDENTIAL DWELLING UNIT COMMUNICATION SYSTEMS. Communications systems between a residential dwelling unit and a site, building, or floor entrance shall comply with 708.4.

708.4.1 COMMON USE OR PUBLIC USE SYSTEM INTERFACE. The common use or public use system interface shall include the capability of supporting voice and TTY communication with the residential dwelling unit interface.

708.4.2 RESIDENTIAL DWELLING UNIT INTERFACE. The residential dwelling unit system interface shall include a telephone jack capable of supporting voice and TTY communication with the common use or public use system interface.

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ednor Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

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4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

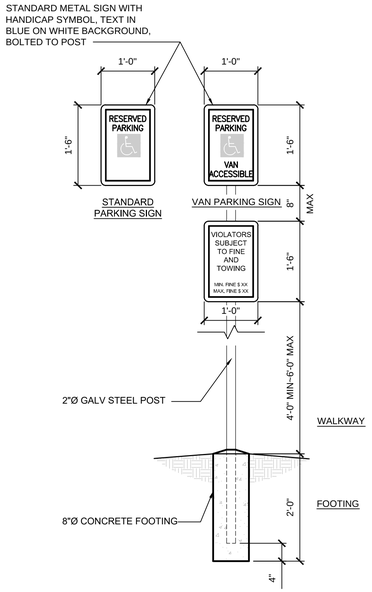
ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 9/7/2021
DESIGN DEVELOPMENT [X]
DATE: 3/1/2022
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

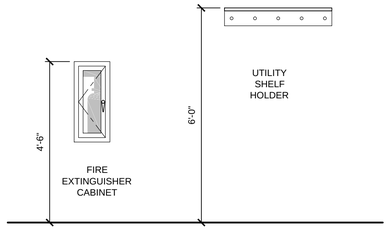
DRAWINGS SHEET TITLE
TEXAS ACCESSIBILITY SHEET

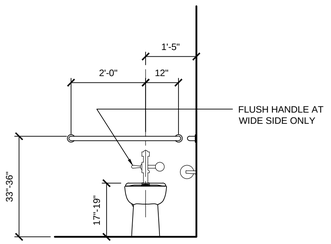
SHEET NUMBER
G101

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 10:22 AM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



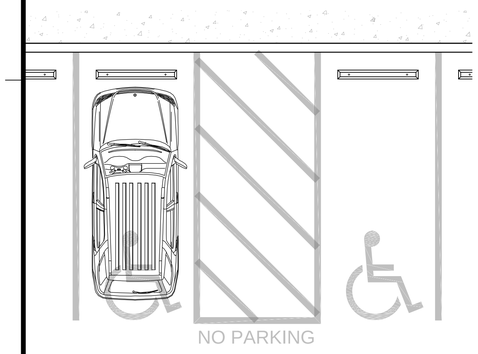


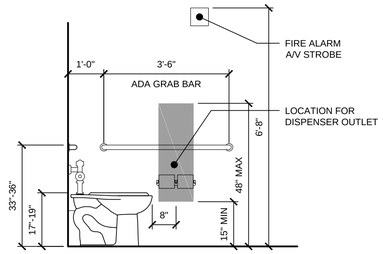


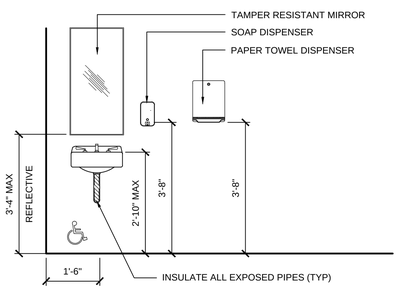
SIGN TO BE IN COMPLIANCE WITH THE AMERICAN DISABILITIES ACT & THE TEXAS DEPARTMENT OF LICENSING & REGULATION ARCHITECTURAL BARRIERS ACT #9102

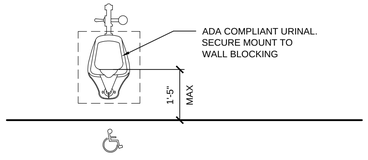
SIGNAGE TO BE DONE BY A PROFESSIONAL SIGN MANUFACTURER

SIGN AT VAN PARKING SPACE TO BE MARKED TO INDICATE THAT SPACE IS VAN ACCESSIBLE









ACCESSIBLE PARKING SPACES

(a) a paved accessible parking space must include:

(1) the international symbol of access painted conspicuously on the surface in a color that contracts the pavement.
(2) the words "NO PARKING" painted on any access aisle adjacent to the parking space. The words must be painted:

(A) In all capital letters;
(B) with a letter height of at least one foot, and a stroke width of at least two inches;
(C) centered within each access aisle adjacent to the parking space;

(3) a sign identifying the consequences of parking illegally in a paved accessible parking space. The sign must:

(A) at a minimum state "Violators Subject to Fine and Towing" in a letter height of at least one inch;
(B) be mounted on a pole, post, wall or freestanding board;
(C) be no more than eight inches below a sign required by Texas Accessibility Standards, 502.6; and
(D) be installed so that the bottom edge of the sign is no lower than 4 feet and no higher than 6 feet above ground level.

(b) a sign that meets the requirements set in Texas Accessibility Standards, 502.6 that includes the required language in subsection (a)(3)(A) satisfies this section.

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ednonn Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
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4401 Hwy 73

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DATE:
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DATE:

DRAWINGS SHEET TITLE
TEXAS ACCESSIBILITY SHEET

SHEET NUMBER
G102

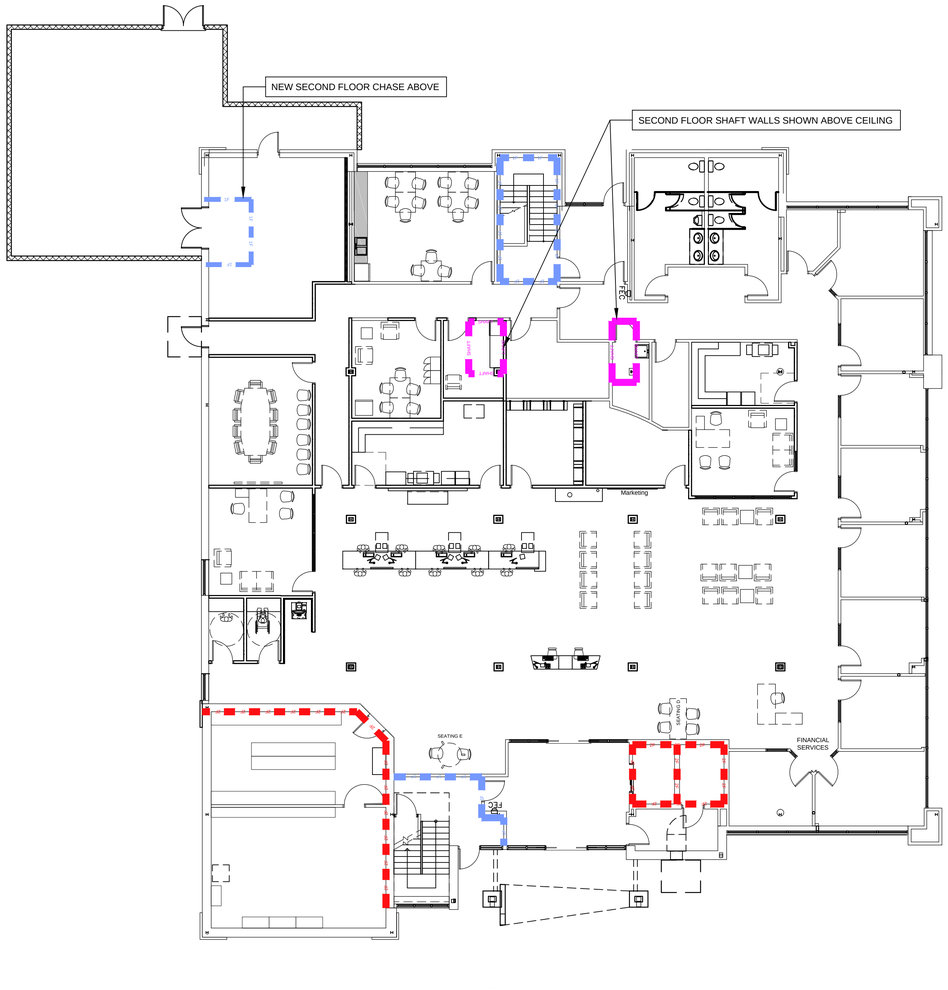
21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 10:22 AM
SHEET SIZE: ARCH expand D (36.00 x 24.00 inches)

EXISTING 1 HOUR FIRE RATED PARTITION UNLESS NOTED OTHERWISE

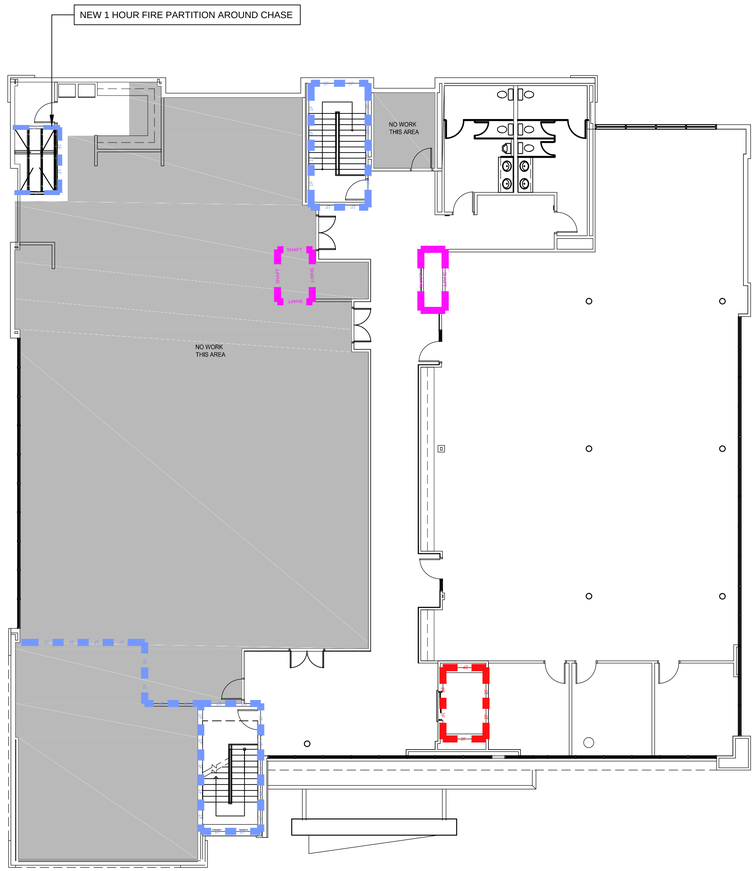
EXISTING 1 HOUR FIRE RATED SHAFT WALL

EXISTING 2 HOUR FIRE RATED PARTITION



1 EXISTING FIRE WALLS - FIRST FLOOR

SCALE: 3/32" = 1'-0"



2 EXISTING FIRE WALLS - FIRST FLOOR

SCALE: 3/32" = 1'-0"

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Ednion Plaza
Beaumont, Texas 77701
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DATE: 4/11/2022

REVISION:
DATE:

REVISION:
DATE:

REVISION:
DATE:

DRAWINGS SHEET TITLE

FIRE PARTITIONS

SHEET NUMBER

G300

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 10:22 AM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

GENERAL NOTES

1. PRIOR TO THE START OF CONSTRUCTION, OWNER AND CONTRACTOR ARE RESPONSIBLE FOR SUBMITTING THE "NOTICE OF INTENT" (N.O.I.) AND ANY ADDITIONAL INFORMATION REQUIRED BY THE ENVIRONMENTAL PROTECTION AGENCY (E.P.A.) LIKEWISE UPON COMPLETION OF THE PROJECT, OWNER AND CONTRACTOR ARE RESPONSIBLE FOR SUBMITTING THE E.P.A.-REQUIRED "NOTICE OF TERMINATION' (N.O.T.).
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CONSTRUCTION PERMITS.
3. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILITIES TO WITHIN 5 FEET OF BUILDING PAD.
4. SITE CONTRACTOR SHALL PERFORM FLUSHING OF ALL FIRE PROTECTION LINES. ACCEPTANCE OF WATER LINE BY BUILDING CONTRACTOR SHALL BE REQUIRED PRIOR TO RELEASE OF SITE CONTRACTOR'S WORK AND BEFORE BUILDING CONTRACTOR CONNECTS SPRINKLER RISER, GATE VALVE, AND BLOW-OFF ASSEMBLY.
5. SITE CONTRACTOR SHALL ENSURE THAT THE BUILDING CONTRACTOR HAS AN ADEQUATE TEMPORARY WATER SOURCE UPON BUILDING PAD DELIVERY.
6. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CITY OF PORT ARTHUR CONSTRUCTION STANDARDS, EXCEPT AS NOTED HEREIN AND APPROVED BY THE CITY OF PORT ARTHUR.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SITE TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY STANDARDS, TEXAS STATE LAW, AND O.S.H.A. STANDARDS FOR ALL EXCAVATION IN EXCESS OF 5 FEET IN DEPTH.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEAN-OUTS, VALVE BOXES, FIRE HYDRANTS, ETC. MUST BE ADJUSTED TO PROPER LINE AND GRADE BY THE CONTRACTOR PRIOR TO AND AFTER THE PLACING OF PERMANENT PAVING. UTILITIES MUST BE MAINTAINED TO PROPER LINE AND GRADE DURING CONSTRUCTION OF THE PAVING FOR THIS DEVELOPMENT.
9. BEFORE STARTING CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WHERE PROPOSED UTILITIES ARE BEING CONNECTED. THE LOCATION OF ALL UTILITIES SHOWN ON THESE PLANS WAS TAKEN FROM EXISTING PUBLIC RECORDS. THE EXACT LOCATION AND ELEVATION OF ALL PUBLIC UTILITIES MUST BE DETERMINED BY CONTRACTOR, IT SHALL BE THE DUTY OF CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF A DISCREPANCY AND/OR CONFLICT IS DISCOVERED.
10. ANY UTILITY INSTALLED OUTSIDE OF AN EASEMENT SHALL BE INSTALLED BY A PLUMBER AND INSPECTED BY CODE ENFORCEMENT.
11. BACKFILL FOR UTILITY LINES SHOULD BE CAREFULLY PLACED SO THAT THE UTILITY WILL BE STABLE. WHERE UTILITY LINES CROSS THE PARKING LOT, THE TOP 6" SHOULD BE COMPACTED SIMILARLY TO THE REMAINDER OF THE LOT. UTILITY DITCHES SHOULD BE VISUALLY INSPECTED DURING THE EXCAVATION PROCESS TO ENSURE THAT UNDESIRABLE FILL IS NOT USED.
12. ALL WATER METERS SHALL BE PLACED IN A NON-TRAFFIC AREA.
13. BEFORE STARTING CONSTRUCTION, CONTRACTOR SHALL CONTACT ALL FRANCHISE UTILITY COMPANIES TO HAVE THEM LOCATE EXISTING UTILITIES.

EROSION CONTROL NOTES

1. ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL SIGN A CONTRACTOR CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP.
2. A COPY OF THE SWPPP, INCLUDING CONTRACTOR CERTIFICATIONS AND ANY REVISIONS, SHALL BE SUBMITTED TO THE CITY AND FILED WITH THE CONSTRUCTION PLANS, AND A COPY SHALL BE RETAINED ON-SITE DURING CONSTRUCTION.
3. A "NOTICE OF TERMINATION" (N.O.T.) SHALL BE SUBMITTED TO E.P.A. WHEN 100% OF THE SITE'S DISTURBED AREAS ARE STABILIZED AND THERE ARE NO STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES (CONSTRUCTION), OR THE N.O.T. PERMITTEE OR CO-PERMITTEE NO LONGER HOLDS OPERATIONAL CONTROL OF THE CONSTRUCTION.
4. SITE ENTRY AND EXIT LOCATIONS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ON A PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY. WHEN WASHING IS REQUIRED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT BASIN. ALL FINES IMPOSED FOR TRACKING SEDIMENT ONTO PUBLIC ROADS SHALL BE PAID BY THE CONTRACTOR.
5. A BERMED OR OTHERWISE SPILL-PROTECTED AREA SHALL BE SPECIFIED BY THE CONTRACTOR FOR THE LOCATION OF ANY ON-SITE FUEL STORAGE TANKS, IF ANY.
6. TEMPORARY SEEDING OR OTHER APPROVED METHOD OF STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE ON ANY AREA OF THE SITE, UNLESS ADDITIONAL CONSTRUCTION ON THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE.
7. ALL STAGING AREAS, STOCKPILES, SPOILS, ETC. SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY. OTHERWISE, COVERING OR ENCIRCLING THESE AREAS WITH SOME PROTECTIVE MEASURE WILL BE NECESSARY.
8. UPON COMPLETION OF FINE GRADING, ALL SURFACE AREAS DISTURBED WITHIN OR ADJACENT TO THE CONSTRUCTION LIMITS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS OBTAINED WHEN THE SITE IS COVERED WITH IMPERVIOUS STRUCTURES AND PAVING AND/OR A UNIFORM PERENNIAL VEGETATIVE COVER. THE PERENNIAL VEGETATIVE COVER MUST HAVE A COVERAGE OF AT LEAST 70%, AS DETERMINED BY OWNER'S REPRESENTATIVE.
9. EROSION CONTROL DEVICES MAY BE ADDED OR REDUCED IN THE FIELD AS DIRECTED BY OWNER'S REPRESENTATIVE OR BY CITY OF PORT ARTHUR INSPECTION STAFF. EROSION CONTROLS SHALL BE REPAIRED OR REPLACED AS INSPECTION DEEMS NECESSARY OR AS DIRECTED BY OWNER'S REPRESENTATIVE. ACCUMULATED SILT AT ANY EROSION CONTROL DEVICE SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES AND SHALL BE DISTRIBUTED ON-SITE IN A MANNER THAT WILL NOT CONTRIBUTE TO ADDITIONAL SILTATION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING ANY EROSION CONTROL DEVICE WHICH HE DISTURBS. EACH CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DEFICIENCIES IN THE ESTABLISHED EROSION CONTROL MEASURES THAT MAY LEAD TO UNAUTHORIZED DISCHARGE OR STORM WATER POLLUTION, SEDIMENTATION, OR OTHER POLLUTANTS. UNAUTHORIZED POLLUTANTS INCLUDE (BUT ARE NOT LIMITED TO) EXCESS CONCRETE DUMPING OR CONCRETE RESIDUE, PAINTS, SOLVENTS, GREASES, FUEL AND LUBRICANT OIL, PESTICIDES, AND ANY SOLID WASTE MATERIALS.
11. ALL PIPES, INLET BOXES, AND ALL OTHER STORM SEWER APPURTENANCES SHALL BE ADEQUATELY PROTECTED BY THE CONTRACTOR UNTIL THE INCOMING PIPE CONNECTION HAS BEEN COMPLETED.
12. EROSION CONTROL DEVICES SHOWN ON THIS PLAN SHALL BE INSTALLED PRIOR TO THE START OF LAND-DISTURBING ACTIVITIES ON THE PROJECT.
13. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THIS PROJECT. CHANGES ARE TO BE APPROVED BEFORE CONSTRUCTION BY THE DESIGN ENGINEER AND THE CITY OF PORT ARTHUR.
14. IF THE EROSION CONTROL PLAN AS APPROVED CANNOT CONTROL EROSION AND OFF-SITE SEDIMENTATION FROM THE PROJECT, THE EROSION CONTROL PLAN WILL HAVE TO BE REVISED AND/OR ADDITIONAL EROSION CONTROL DEVICES WILL BE REQUIRED ON SITE.
15. IF OFF-SITE SOIL BORROW OR SPOIL SITES ARE USED IN CONJUNCTION WITH THIS PROJECT, THE CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR AND BE RESPONSIBLE FOR EROSION CONTROL REQUIREMENTS AS PER THE CITY OF PORT ARTHUR.
16. INSPECTIONS SHALL BE MADE WEEKLY AND AFTER RAINSTORM EVENTS TO INSURE THAT THE DEVICES ARE FUNCTIONING PROPERLY. WHEN SEDIMENT OR MUD HAS CLOGGED THE VOID SPACES BETWEEN STONES OR WHEN MUD IS BEING TRACKED ONTO A PUBLIC ROADWAY, THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASHDOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF-SITE WITHOUT FIRST FLOWING THROUGH ANOTHER B.M.P. TO CONTROL OFF-SITE SEDIMENTATION. PERIODIC RE-GRADING OR THE ADDITION OF NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFICIENCY OF THE INSTALLATION.

GRADING NOTES

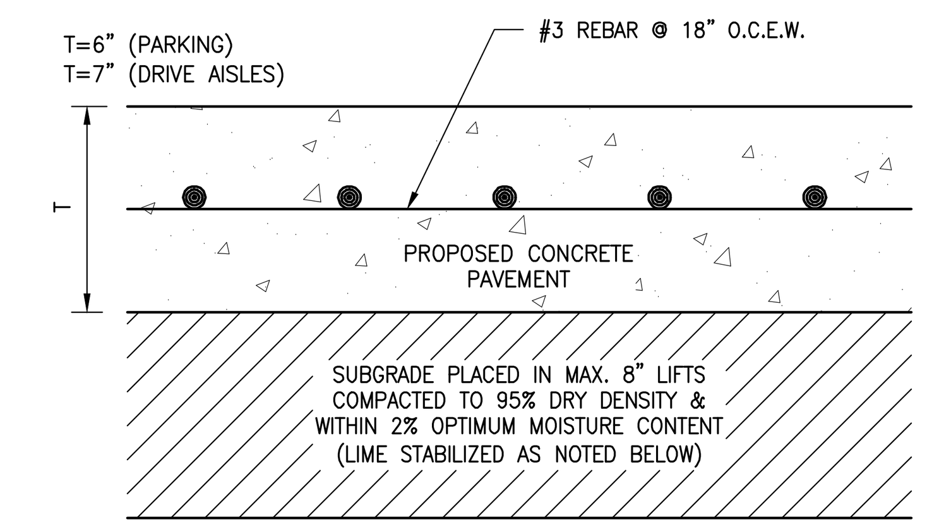
1. REFER TO EROSION CONTROL PLAN FOR EROSION CONTROL DEVICES TO BE INSTALLED PRIOR TO START OF GRADING OPERATIONS.
2. BEFORE STARTING CONSTRUCTION. CONTRACTOR SHALL VERIFY BENCHMARK ELEVATION AND NOTIFY ENGINEER IF ANY DISCREPANCY AND/OR CONFLICT IS FOUND.
3. ALL SPOT GRADES ARE TOP OF PAVEMENT UNLESS SPECIFIED OTHERWISE. ELEVATIONS AT TOP OF CURB ARE DESIGNATED WITH "(TC)" BEFORE THE ELEVATION.
4. CONTRACTOR SHALL ENSURE THERE IS POSITIVE DRAINAGE FROM THE PROPOSED BUILDINGS AND NO PONDING IN PAVED AREAS, AND SHALL NOTIFY ENGINEER IF ANY GRADING DISCREPANCIES ARE FOUND IN THE EXISTING AND PROPOSED GRADES.
5. CONTRACTOR SHALL PROTECT ALL MANHOLE COVERS, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, POWER POLES, GUY WIRES, AND TELEPHONE BOXES THAT ARE TO REMAIN IN PLACE AND UNDISTURBED DURING CONSTRUCTION.
6. ALL EXISTING CONCRETE PAVING, SIDEWALK, AND CURB DEMOLITION SHALL BE REMOVED IN THEIR ENTIRETY AND DISPOSED OF BY CONTRACTOR. DISPOSAL SHALL BE OFF-SITE UNLESS DIRECTED OTHERWISE BY THE OWNER OR ENGINEER.
7. CONTRACTOR SHALL SEED AND MAINTAIN ALL AREAS DISTURBED BY GRADING OPERATIONS UNTIL A UNIFORM COVERAGE OF 70% MINIMUM DENSITY, AS DETERMINED BY OWNER OR OWNER'S REPRESENTATIVE, IS ACHIEVED.
8. CONTRACTOR SHALL INSTALL BARRIER-FREE RAMPS WHERE SIDEWALK INTERSECTS PARKING OR DRIVEWAY, AND AT ALL HANDICAPPED PARKING STALLS.
9. ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR

PAVING & STRIPING NOTES

1. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (T.M.U.T.C.D.) AND CITY OF PORT ARTHUR REQUIREMENTS.
2. CONTRACTOR SHALL FURNISH ALL PAVEMENT MARKINGS FOR FIRE LANES, ROADWAY LANES, PARKING STALLS, HANDICAPPED PARKING SYMBOLS, ACCESS AISLES, STOP BARS AND SIGNS, AND MISCELLANEOUS STRIPING WITHIN PARKING LOT AS SHOWN ON THE PLANS.
3. ALL JOINTS SHALL EXTEND THROUGH THE CURB.
4. THE MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS SHALL BE 2 FEET.
5. ALL JOINTS, INCLUDING EXPANSION JOINTS WITH REMOVABLE TACK STRIPS, SHALL BE SEALED WITH JOINT SEALANT.
6. MANHOLES, WATER VALVES, METERS, CLEAN-OUTS, ETC. SHALL BE BOXED OUT WITH 4 INCH THICK CONCRETE. MINIMUM LENGTH OF EACH SIDE OF BOX OUT SHALL BE 24 INCHES.
7. GENERAL CONTRACTOR SHALL INCLUDE A SLEEVING ALLOWANCE FOR IRRIGATION PURPOSES ACROSS ALL NEW DRIVES AND WHERE DRIVE ENTRANCES ARE BEING REMOVED AND REPLACED.
8. THE MATERIALS AND PROPERTIES OF ALL CONCRETE SHALL MEET THE APPLICABLE REQUIREMENTS IN THE A.C.I. (AMERICAN CONCRETE INSTITUTE) MANUAL OF CONCRETE PRACTICE.
9. CONTRACTOR SHALL INSTALL BARRIER-FREE RAMPS WHERE SIDEWALK INTERSECTS PARKING OR DRIVEWAY, AND AT ALL HANDICAPPED PARKING STALLS.

PAVEMENT NOTES

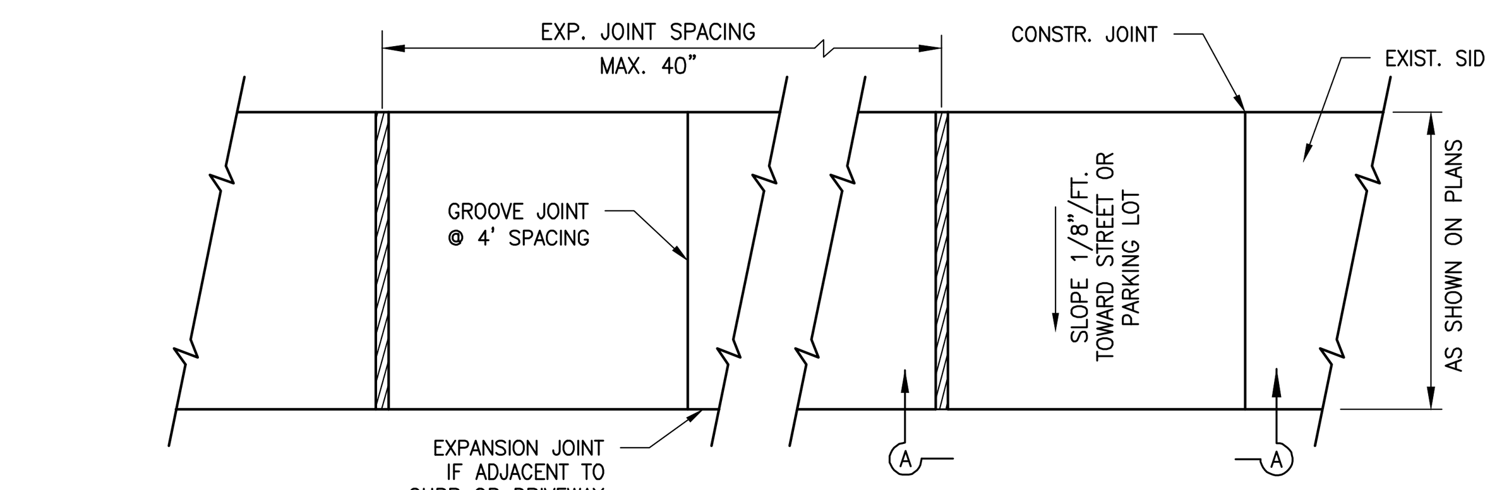
1. CONSTRUCTION JOINTS MAY BE FORMED BY THE USE OF METAL OR WOOD FORMS EQUAL IN DEPTH TO THE NOMINAL DEPTH OF THE PAVEMENT, OR BY OTHER MEANS WHICH HAVE BEEN APPROVED BY THE ENGINEER PRIOR TO THEIR USE.
2. REINFORCING STEEL SHALL CONFORM TO ASTM DESIGNATIONS; A-615 OR ASTM A-616 (GRADE 60) THE SIZE AND SPACING ARE SHOWN IN DETAILS.
3. IT IS THE INTENT OF THIS DESIGN THAT THE STEEL BE AT THE CENTER OF THE SLAB. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO INSURE THAT THE FINAL POSITION OF THE STEEL IS WITHIN 1/2 INCH OF THE SLAB CENTER.
4. CONCRETE SHALL NOT BE DISCHARGED FROM THE MIXER DIRECTLY ON TOP OF OR ON THE SIDES OF THE JOINT ASSEMBLY.
5. ANY APPROVED CHAIR TYPE OR DESIGN, WHICH WILL SATISFY THE REQUIREMENTS NOTED HEREON WILL BE PERMITTED. CHAIR SPACING SHALL NOT BE GREATER THAN 60" C-C MEASURED PARALLEL TO THE PAVEMENT CENTER LINE AND 30" C-C MEASURED PERPENDICULAR TO THE PAVEMENT CENTER LINE ADDITIONAL CHAIRS SHALL BE USED IF NECESSARY TO MEET THE STEEL PLACEMENT REQUIREMENT.
6. WELDED WIRE MATS MAY BE USED, PROVIDED WEIGHT PER SY IS EQUIVALENT OR BETTER.
7. WITH THE APPROVAL OF THE ENGINEER, MULTIPLE PIECE TIEBARS (THREADED COUPLING OR OTHER ADEQUATE DEVICE) MAY BE USED TO FACILITATE CONSTRUCTION PROVIDED THE SYSTEM DEVELOPS A FORCE EQUAL TO 1 1/2 TIMES THE MINIMUM YIELD FORCE OF THE TIEBAR SHOWN. THE SPACING FOR THE SYSTEM SHALL BE LESS THAN OR EQUAL TO THE SPACING ALLOWED FOR BARS OF SIMILAR YIELD STRENGTH.
8. SAW JOINTS SHALL NOT EXCEED 15'. CONTRACTOR SHALL BEGIN SAWING OF JOINTS AS SOON AS CONCRETE HAS SET SUFFICIENTLY, TO PREVENT SPALLING.



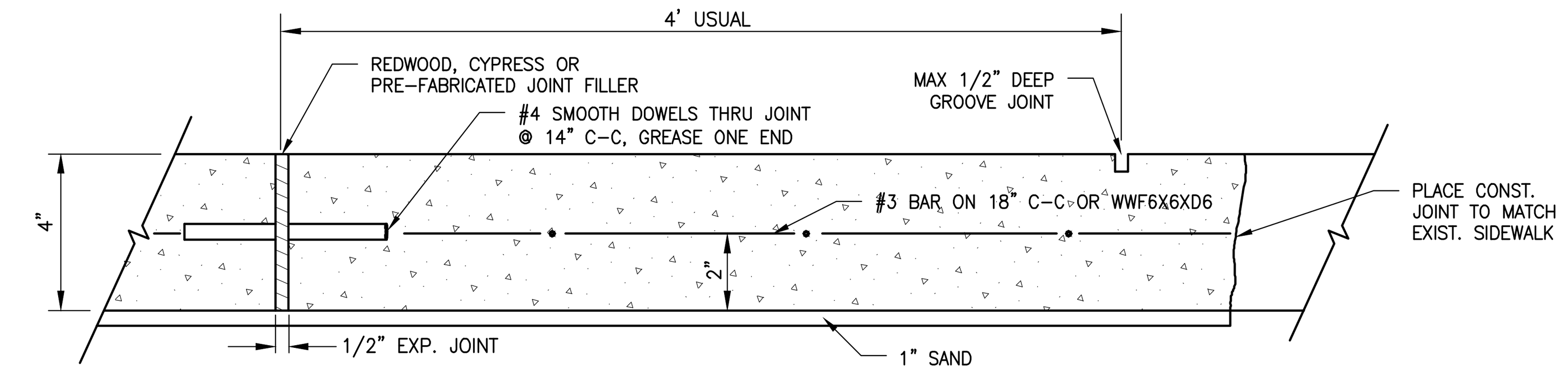
CONCRETE PAVEMENT SECTION

CONCRETE PAVEMENT SECTION NOTES

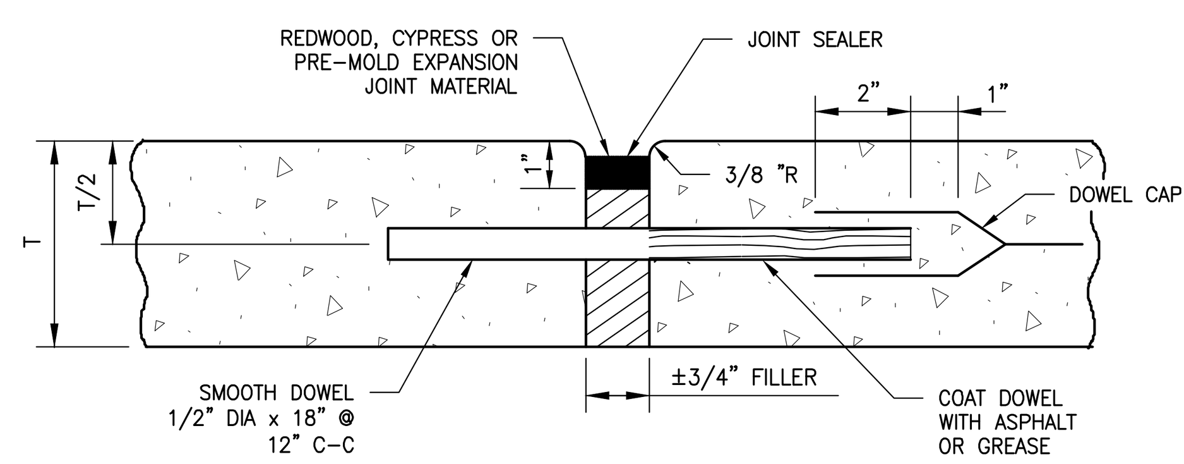
1. ALL PARKING PAVEMENT SHALL BE 6" REINFORCED CONCRETE PAVEMENT. ALL DRIVE AISLE PAVEMENT SHALL BE 7" REINFORCED CONCRETE PAVEMENT. ALL DUMPSTER PAD PAVEMENT SHALL BE 8" REINFORCED CONCRETE PAVEMENT. SIDEWALKS SHALL BE 4" AS SHOWN IN THE TYPICAL SIDEWALK DETAIL. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,600 PSI AT 28 DAYS. SEE JOINT LAYOUT FOR ADDITIONAL INFORMATION ON VARYING CONCRETE DEPTHS.
2. REINFORCEMENT SHALL BE #3 REBAR @ 18" O.C.E.W OR WELDED WIRE MATS MAY BE USED, PROVIDED WEIGHT PER SY IS EQUIVALENT OR BETTER.
3. ALL CONCRETE SHALL CONFORM TO TXDOT 2014 STANDARD SPECIFICATIONS ITEM NO. 360 & 421.
4. SITE PREPARATION SHALL CONSIST OF REMOVING DEBRIS, ROOTS AND ORGANIC MATERIAL TO A MINIMUM DEPTH OF 6". SCARIFY THE SUBGRADE TO A DEPTH OF 8" AND STABILIZE WITH 8% TO 10% HYDRATED LIME BY DRY UNIT WEIGHT. PROOF ROLL THE PAVEMENT AREAS WITH ENGINEER PRESENT. IF PUMPING OF THE SOIL IS ENCOUNTERED SOIL SHALL BE UNDERCUT AND REPLACED WITH PROPERLY COMPACTED FILL. FILL SHALL FOLLOW THE RECOMMENDATION OF THE GEOTECHNICAL REPORT AND SHALL BE PLACED IN LOOSE 8" LIFTS AND COMPACT TO 95% STD. PROCTOR DENSITY. MAINTAIN THE MOISTURE CONTENT OF BOTH FILL AND NATURAL SOIL UNTIL IT IS PERMANENTLY SEALED WITH THE PAVEMENT.
5. FOR FURTHER RECOMMENDATIONS REFER TO THE LATEST REVISION OF THE GEOTECHNICAL REPORT NO. 21218 PREPARED BY SCIENCE ENGINEERING, LTD. DATED SEPTEMBER 2021.



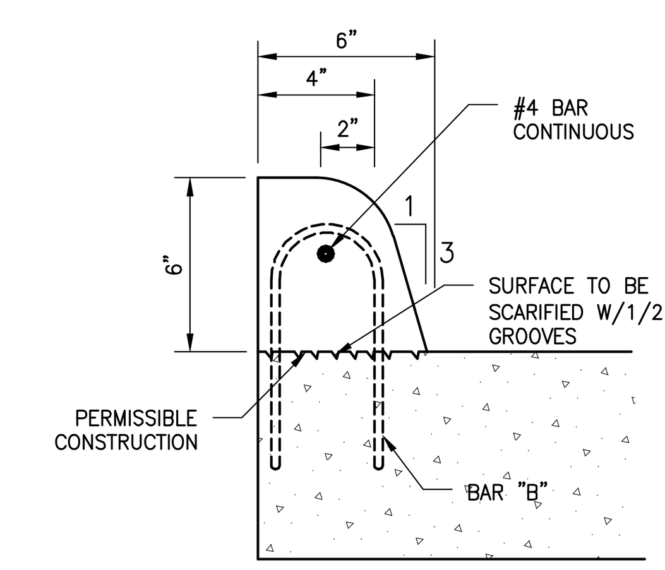
PLAN



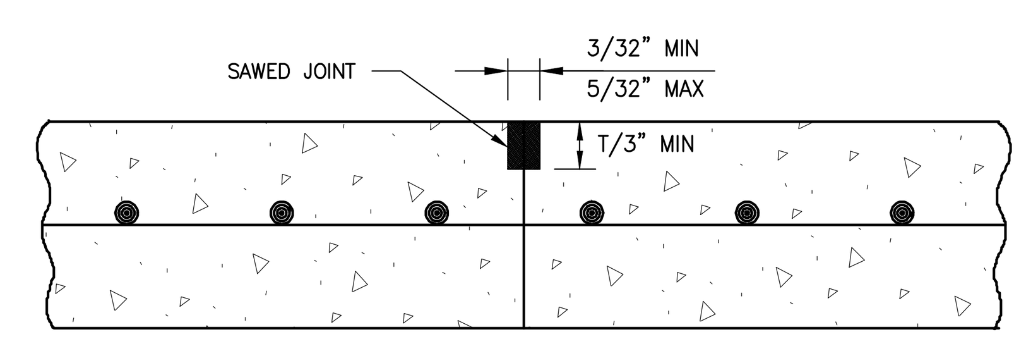
SECTION "A-A"
PROPOSED SIDEWALK TYPICAL DETAIL



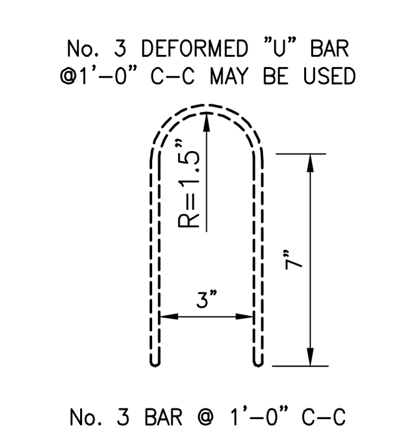
EXPANSION JOINT
(AT RADIUS RETURNS, & MAX. 60' SPACING)



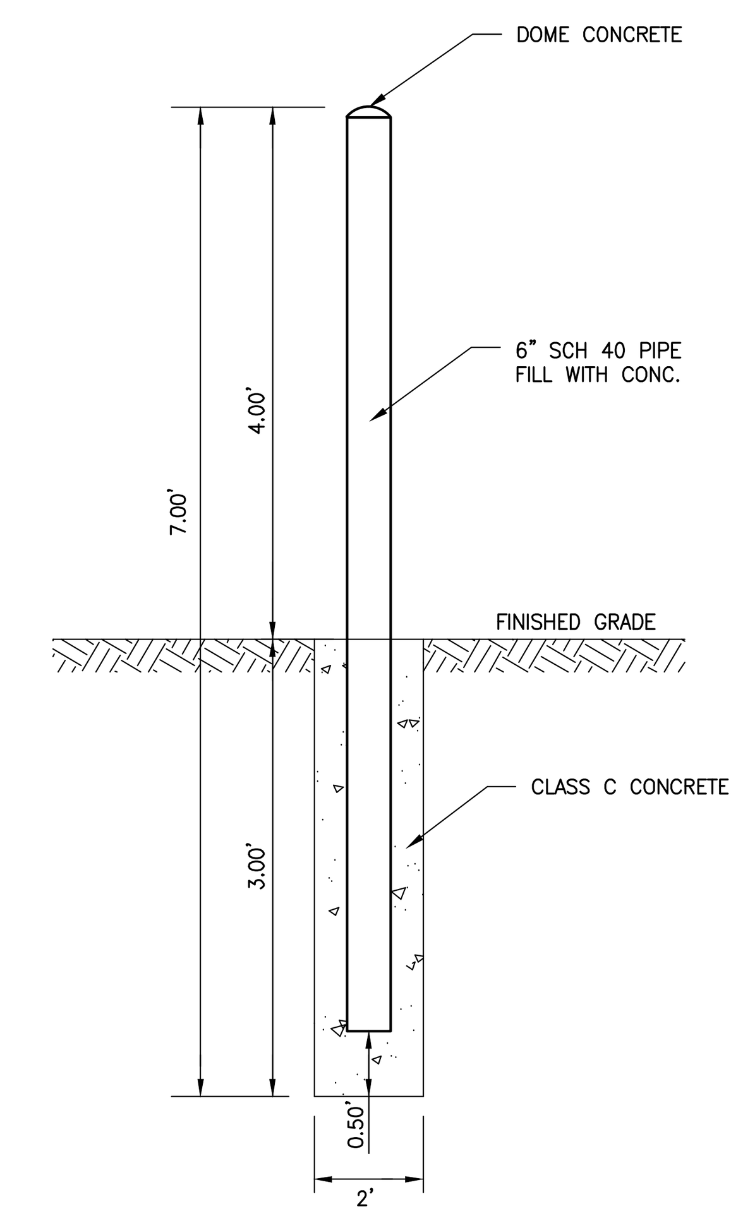
CONCRETE CURB DETAIL



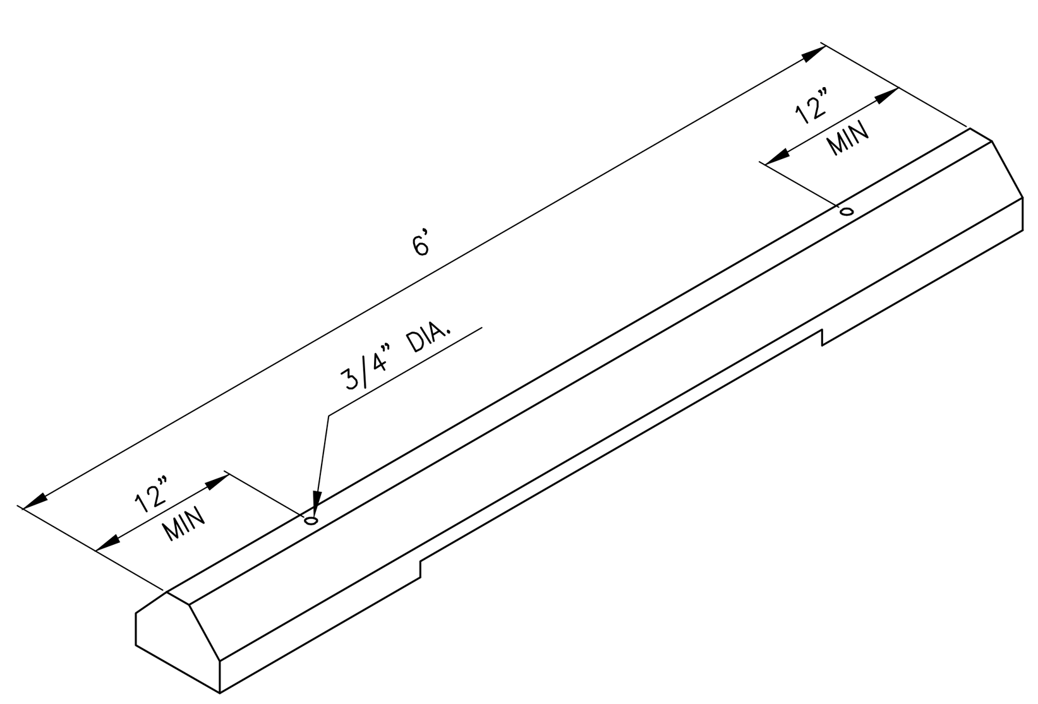
SAW JOINT
(MAX 15')

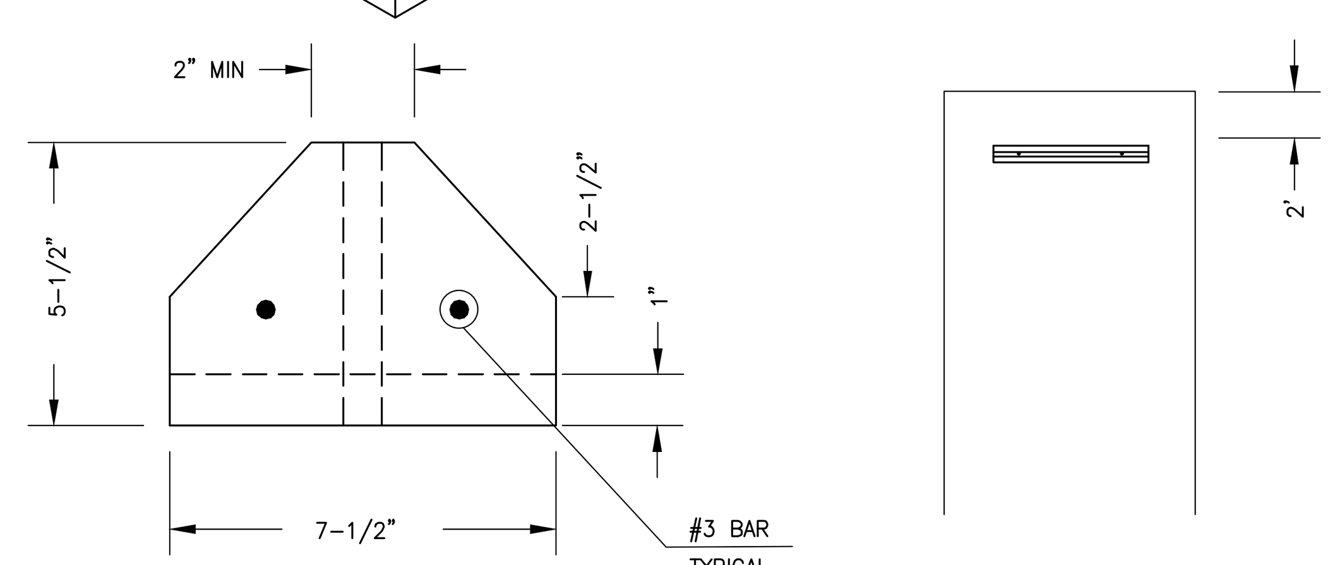


DETAIL BAR "B"



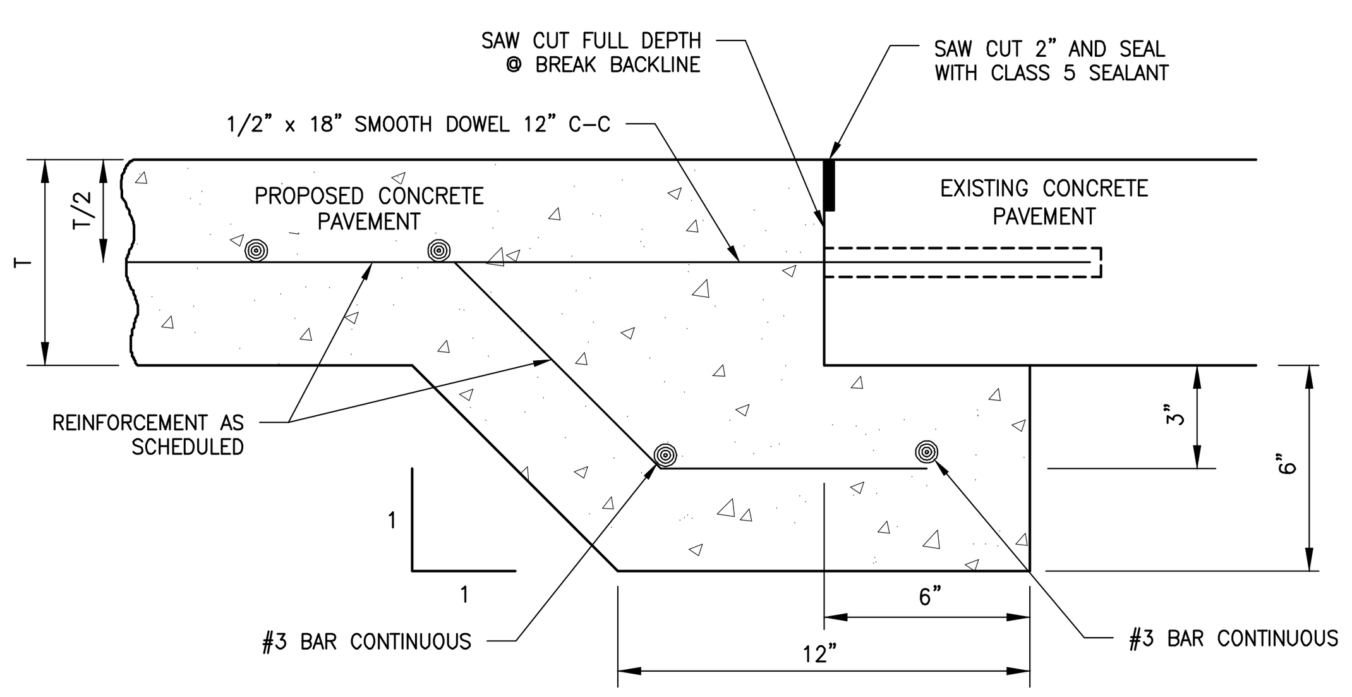
BOLLARD DETAIL





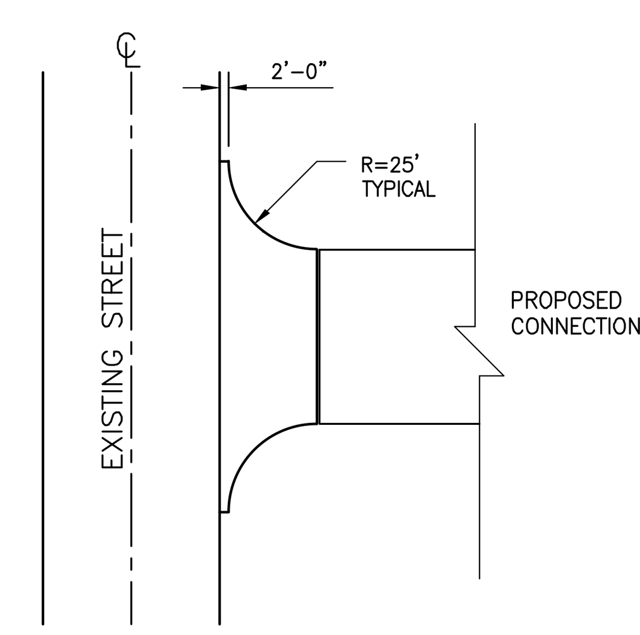
1. WHEEL STOPS TO BE PLACED 2' BACK, AS SHOWN ABOVE. CENTERED IN THE PARKING STALL.
2.WHEEL STOPS CAN BE PAINTED IN A CONTRASTING COLOR SUCH AS GRAY, YELLOW OR BLACK. BLUE SHALL BE USED FOR HANDICAP PARKING STALLS.
3. CONCRETE TO BE 3,000 PSI WITH FIBER MESH REINFORCING

REINFORCED CONCRETE CAR STOP

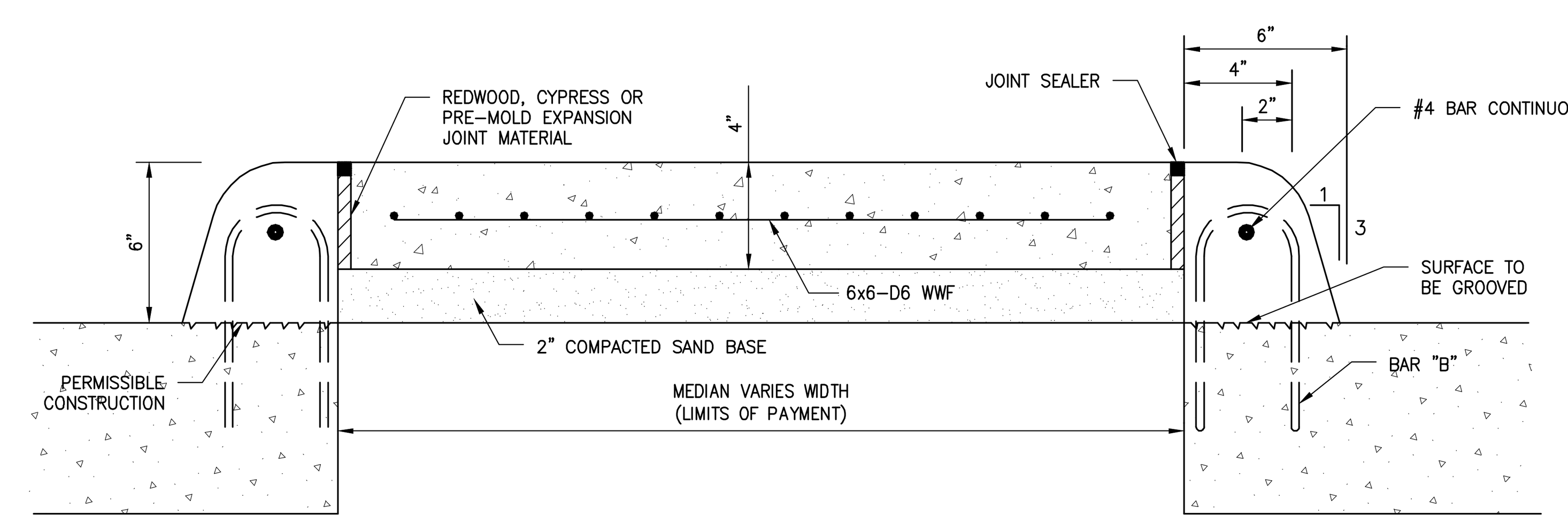


CONNECTION DETAIL
TO EXISTING CONCRETE

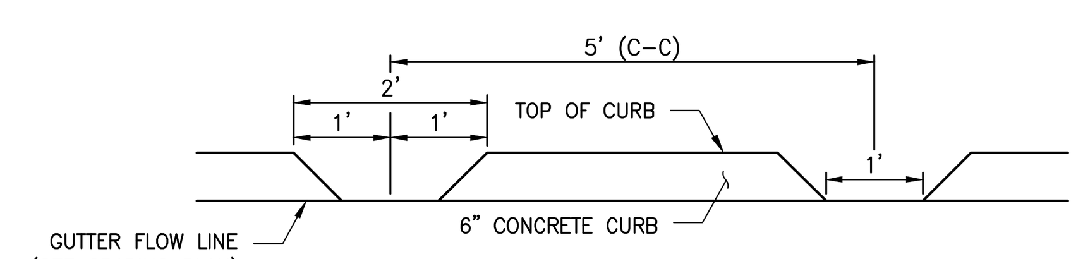
NOTES:
1. MATCH EXISTING CONCRETE PAVING.
2. DRILL AND DOWEL 5/8" HOLE 9" DEEP AND PLACE 1/2" 18" SMOOTH DOWEL 12" C-C. EPOXY GROUTED IN.



EXISTING STREET CONNECTION
N.T.S.



RAISED MEDIAN DETAIL
(NOT TO SCALE)



6" SAWTOOTH CURB
N.T.S.

WHITELEY OLIVER ENGINEERING, LLC
TEXAS ENGINEERING FIRM NO. F-22257
4351 CROW ROAD, BEAUMONT, TEXAS 77706
409-892-0421 | WHITELEYOLIVER.COM
JOB #22-090

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edson Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1145
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.archalliance.com

STATE OF TEXAS
JEFFREY D. LEAVINS
LICENSED PROFESSIONAL ENGINEER
4/11/2022

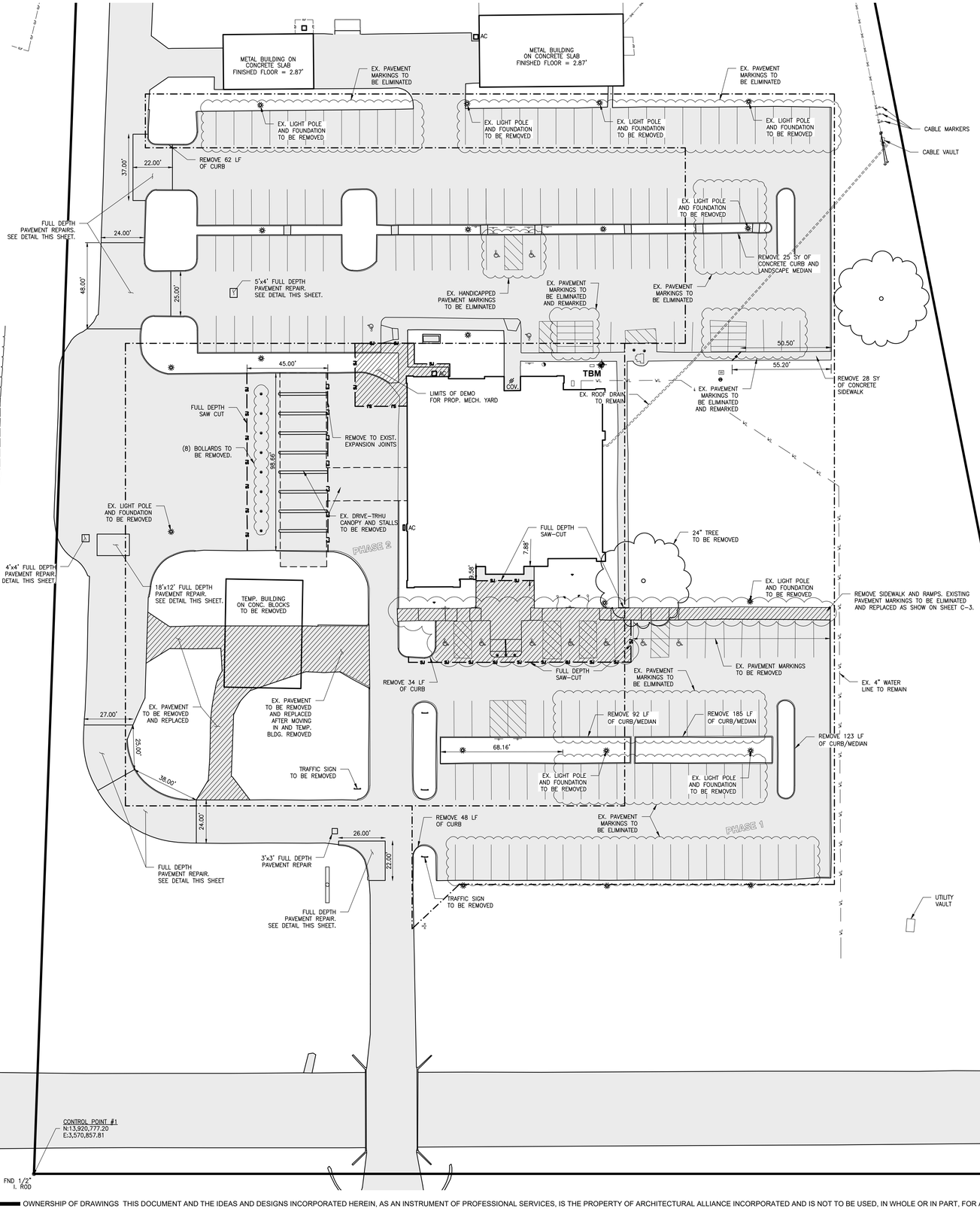
PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR	
SCHEMATIC DESIGN DATE: 2/8/2022	X
DESIGN DEVELOPMENT DATE: 4/5/2022	X
BIDS & CONSTRUCTION DATE: 4/11/2022	X
REVISION: DATE:	
REVISION: DATE:	
REVISION: DATE:	

DRAWINGS SHEET TITLE
GENERAL NOTES & DETAILS

SHEET NUMBER
C-1

21041
PROJECT NUMBER



NOW OR FORMERLY
THE HUGHEN CENTER, INC.
CF NO. 201901641
OPRJC

NOTES:

1. COORDINATES AND ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE, AND ARE BASED ON THE NORTH AMERICAN DATUM OF 1983, ADJUSTMENT 2011. ELEVATIONS SHOWN ARE NAVD 1988.
2. SURVEY PREPARED BY FAUST ENGINEERING AND SURVEYING, INC. ALL TOPOGRAPHIC INFORMATION DEPICTED ON THIS SURVEY COLLECTED UNDER THE SUPERVISION OF RICHARD F. FAUST, R.P.L.S. NO. 4782.
3. TEMPORARY BENCHMARK IS DESCRIBED AS FOLLOWS: SCRIBED "X" ON LIGHT BOLE BASE HAVING A CALLED ELEVATION OF 5.47'. (LIGHT POLE IS NEAR THE NORTHWEST CORNER OF THE MAIN BUILDING).

0 30 60

SCALE 1"=30'

LEGEND

- POWER POLE
- TELEPHONE PEDESTAL
- WATER VALVE
- WATER METER
- LIGHT POLE
- FIRE HYDRANT
- SIGN
- CLEAN OUT
- BOLLARD
- GUY ANCHOR
- WOOD FENCE
- CHAIN LINK FENCE
- OHE — OVERHEAD ELECTRIC
- PHASE LINE

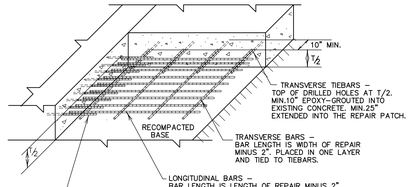
FULL-DEPTH CONCRETE PAVEMENT REPAIR DETAIL

GENERAL NOTES

1. TXDOT SPECIFICATION ITEM 361,"REPAIR OF CONCRETE PAVEMENT" SHALL GOVERN FOR THIS WORK.
2. MULTIPLE PIECE TIEBARS SHALL BE USED WHEN THE REPAIR AREA MUST BE PLACED IN TWO STAGES DUE TO SEQUENCE OF CONSTRUCTION.
3. FULL DEPTH SAW CUTS SHALL BE MADE AROUND THE PERIMETER OF THE AREA TO BE REPAIRED. THE CUT SHALL BE MADE AT A RIGHT ANGLE TO THE PAVEMENT EDGE AND TO THE CENTER LINE OF THE PAVEMENT.
4. AT LEAST ONE LONGITUDINAL FULL DEPTH SAW CUT SHALL BE AT AN EXISTING LONGITUDINAL JOINT.
5. ADDITIONAL SAW CUTS MAY BE REQUIRED WITHIN THE AREA OF THE REPAIR TO FACILITATE REMOVAL OF THE CONCRETE OR TO ALLEVIATE BINDING OF THE FULL DEPTH SAW CUT AT THE REPAIR EDGE.
6. THE SAW CUTS WHICH EXTEND OUTSIDE THE AREA OF THE REPAIR WILL BE CLEANED AND FILLED WITH A CEMENTITIOUS GROUT APPROVED BY THE ENGINEER.
7. EXISTING LONGITUDINAL AND TRANSVERSE JOINTS REMOVED DUE TO REPAIR OPERATION SHALL BE RESTORED .

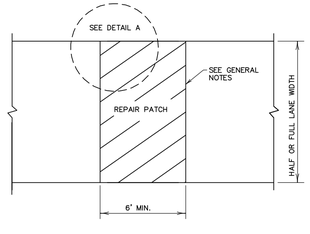
TABLE NO.1 STEEL BAR SIZE AND SPACING

SLAB THICKNESS AND BAR SIZE		LONGITUDINAL*		TRANSVERSE*	
		REGULAR BARS	TIEBARS	BARS	TIEBARS
T (IN.)	BAR SIZE	SPACING (IN.)	SPACING (IN.)	SPACING (IN.)	SPACING (IN.)
<8.0	#5	24.0	12.0	24	24
>8.0	#6	24.0	12.0	24	24



DETAIL A
GROUTED TIEBARS & REINFORCEMENT

* USE 12" SPACING AS FIRST AND LAST SPACING AT END OR SIDE FOR ALL BARS.



PLAN VIEW

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ednon Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

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DRAWINGS SHEET TITLE
DEMOLITION PLAN

SHEET NUMBER
C-2

21041
PROJECT NUMBER

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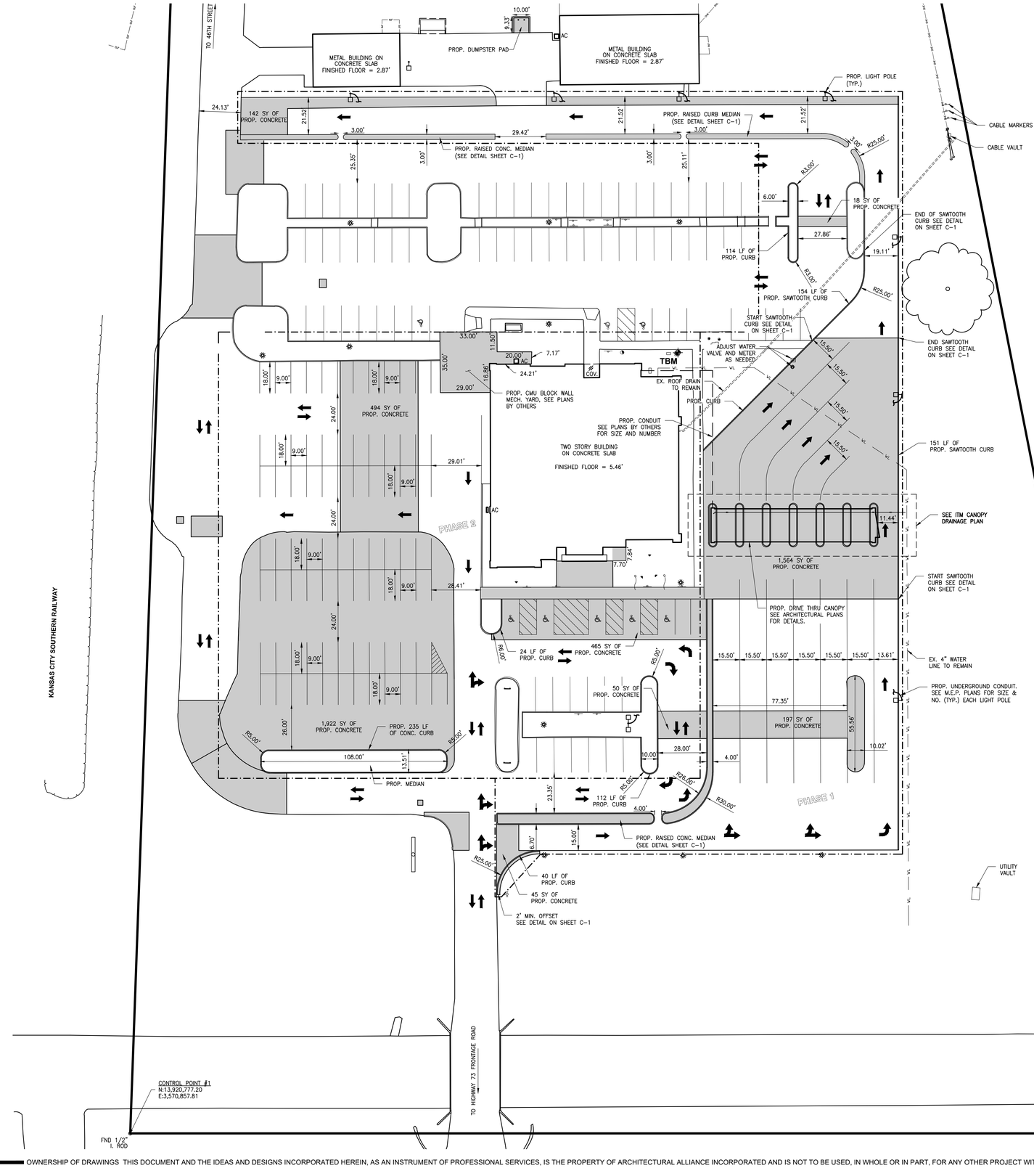


0 30 60

SCALE 1"=30'

LEGEND

- POWER POLE
- TELEPHONE PEDESTAL
- WATER VALVE
- WATER METER
- EXISTING LIGHT POLE
- PROPOSED LIGHT POLE
- FIRE HYDRANT
- SIGN
- CLEAN OUT
- BOLLARD
- GUY ANCHOR
- WOOD FENCE
- CHAIN LINK FENCE
- OHE OVERHEAD ELECTRIC
- PHASE LINE

NOTES:

1. SURVEY PREPARED BY FAUST ENGINEERING AND SURVEYING, INC. ALL TOPOGRAPHIC INFORMATION DEPICTED ON THIS SURVEY COLLECTED UNDER THE SUPERVISION OF RICHARD F. FAUST, R.P.L.S. NO. 4782.
2. COORDINATES AND ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM OF 1983, SOUTH CENTRAL ZONE, AND ARE BASED ON THE NORTH AMERICAN DATUM OF 1983, ADJUSTMENT 2011. ELEVATIONS SHOWN ARE NAVD 1988.
3. TEMPORARY BENCHMARK IS DESCRIBED AS FOLLOWS: SCRIBED "X" ON LIGHT BOLE BASE HAVING A CALLED ELEVATION OF 5.47'. (LIGHT POLE IS NEAR THE NORTHWEST CORNER OF THE MAIN BUILDING).
4. DIMENSIONS SHOWN ARE TO THE FACE OF CURBS.
5. SEE SHEET C-4.1 FOR RAISED CONCRETE MEDIAN DETAIL.

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ednor Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-7145
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

STATE OF TEXAS
JEFFREY D. LEAVINS
103
LICENSED PROFESSIONAL ENGINEER
4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

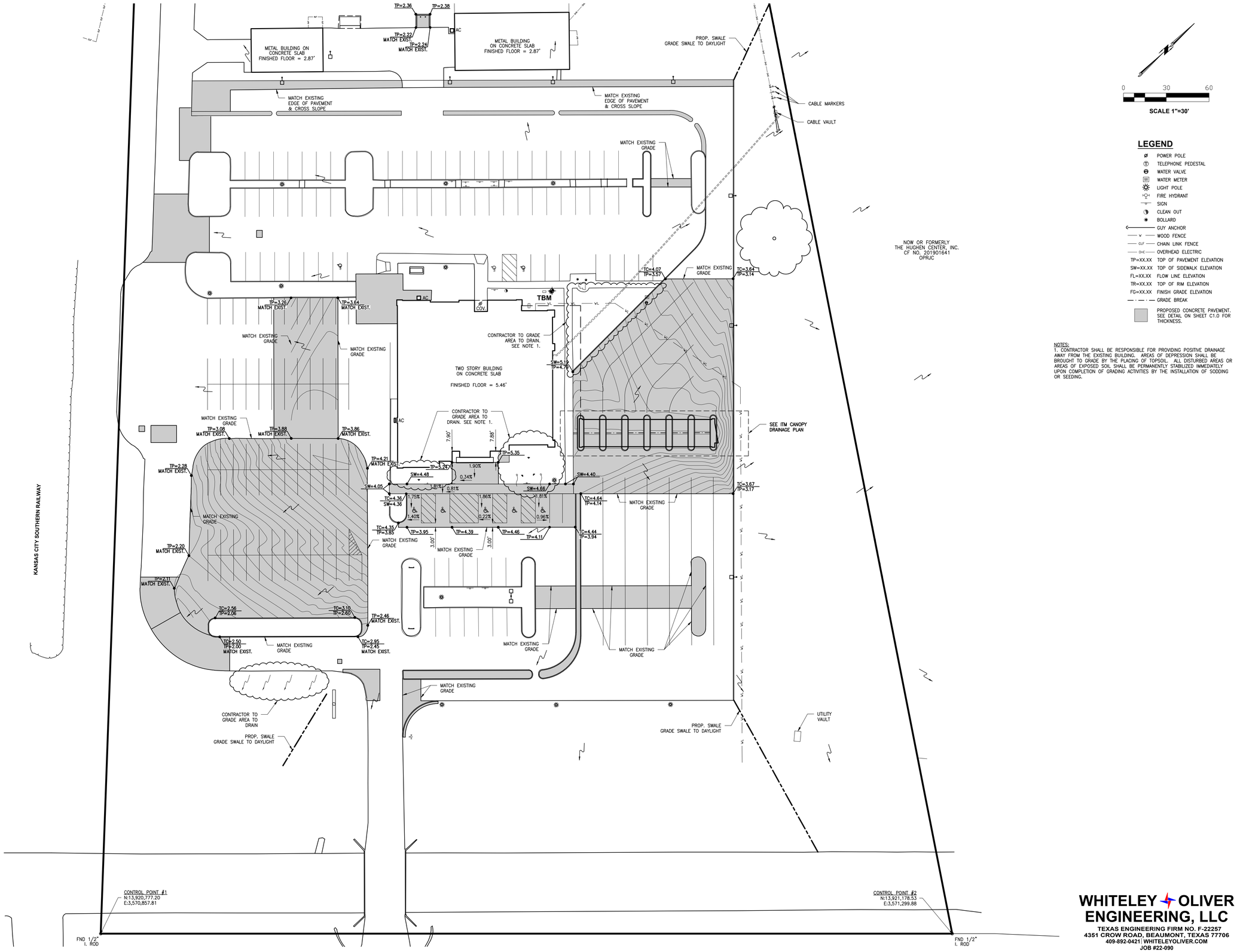
ISSUED FOR
SCHEMATIC DESIGN X
DATE: 2/8/2022
DESIGN DEVELOPMENT X
DATE: 4/5/2022
BIDS & CONSTRUCTION X
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
PROPOSED SITE PLAN

SHEET NUMBER
C-3

21041
PROJECT NUMBER

WHITELEY OLIVER ENGINEERING, LLC
TEXAS ENGINEERING FIRM NO. F-22257
4351 CROW ROAD, BEAUMONT, TEXAS 77706
409-892-0421 | WHITELEYOLIVER.COM
JOB #22-090



0 30 60

SCALE 1"=30'

LEGEND

- POWER POLE
- TELEPHONE PEDESTAL
- WATER VALVE
- WATER METER
- LIGHT POLE
- FIRE HYDRANT
- SIGN
- CLEAN OUT
- BOLLARD
- GUY ANCHOR
- WOOD FENCE
- CHAIN LINK FENCE
- OVERHEAD ELECTRIC
- TP=XX.XX TOP OF PAVEMENT ELEVATION
- SW=XX.XX TOP OF SIDEWALK ELEVATION
- FL=XX.XX FLOW LINE ELEVATION
- TR=XX.XX TOP OF RIM ELEVATION
- FG=XX.XX FINISH GRADE ELEVATION
- GRADE BREAK
- PROPOSED CONCRETE PAVEMENT. SEE DETAIL ON SHEET C1.0 FOR THICKNESS.

NOTES:
1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE AWAY FROM THE EXISTING BUILDING. AREAS OF DEPRESSION SHALL BE BROUGHT TO GRADE BY THE PLACING OF TOPSOIL. ALL DISTURBED AREAS OR AREAS OF EXPOSED SOIL SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON COMPLETION OF GRADING ACTIVITIES BY THE INSTALLATION OF SODDING OR SEEDING.

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
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www.architectall.com

STATE OF TEXAS
JEFFREY D. LEAVINS
LICENSED
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PORT ARTHUR BRANCH RENOVATION

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4401 Hwy 73

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REVISION: DATE:

DRAWINGS SHEET TITLE
PROPOSED GRADING PLAN

SHEET NUMBER
C-4.0

21041
PROJECT NUMBER

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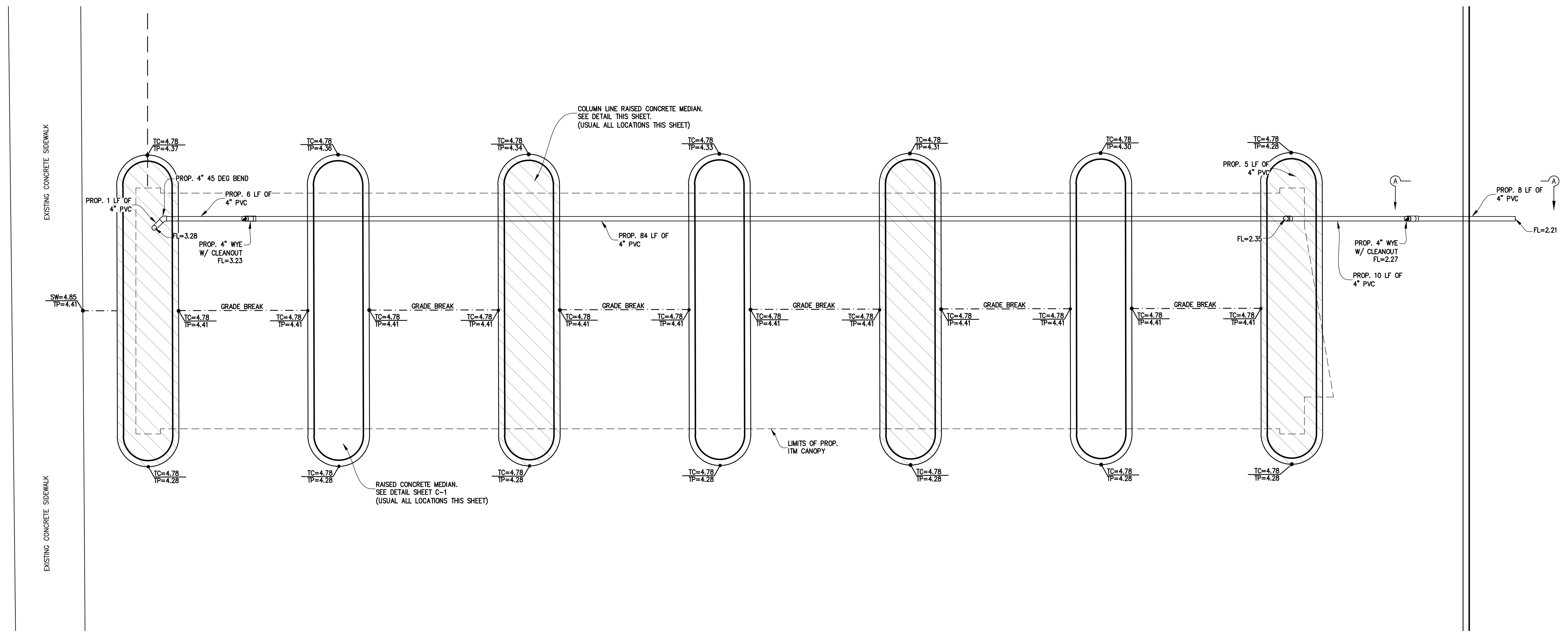

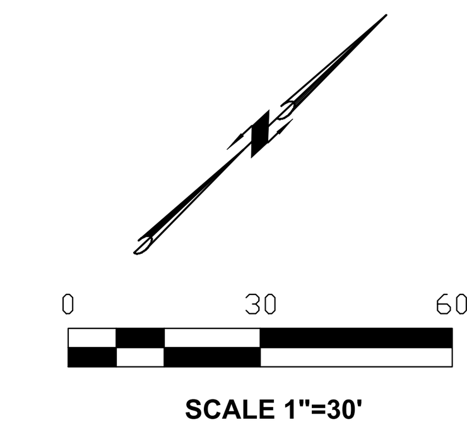

LEGEND

- POWER POLE
- TELEPHONE PEDESTAL
- WATER VALVE
- WATER METER
- LIGHT POLE
- FIRE HYDRANT
- SIGN
- CLEAN OUT
- BOLLARD
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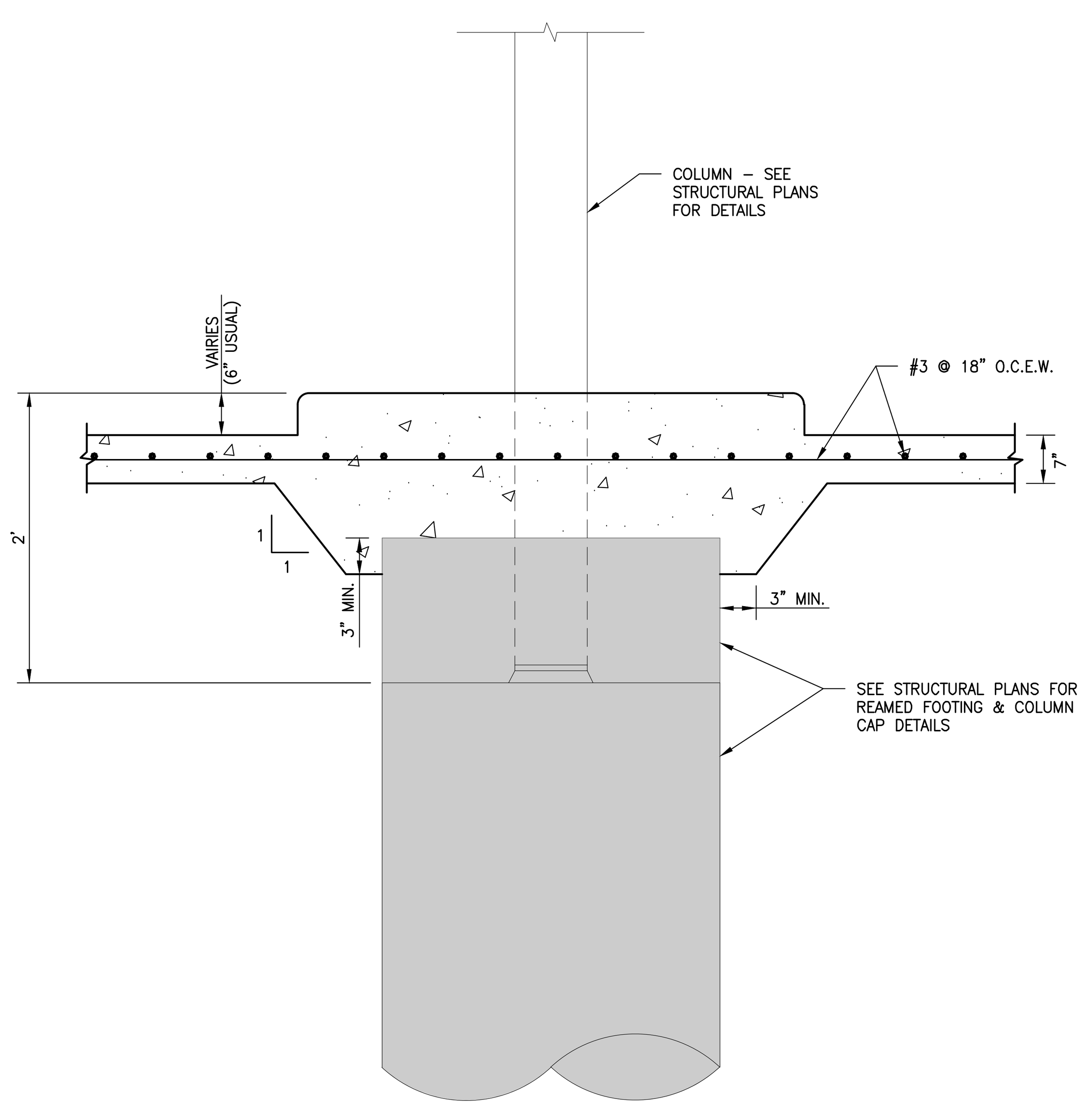
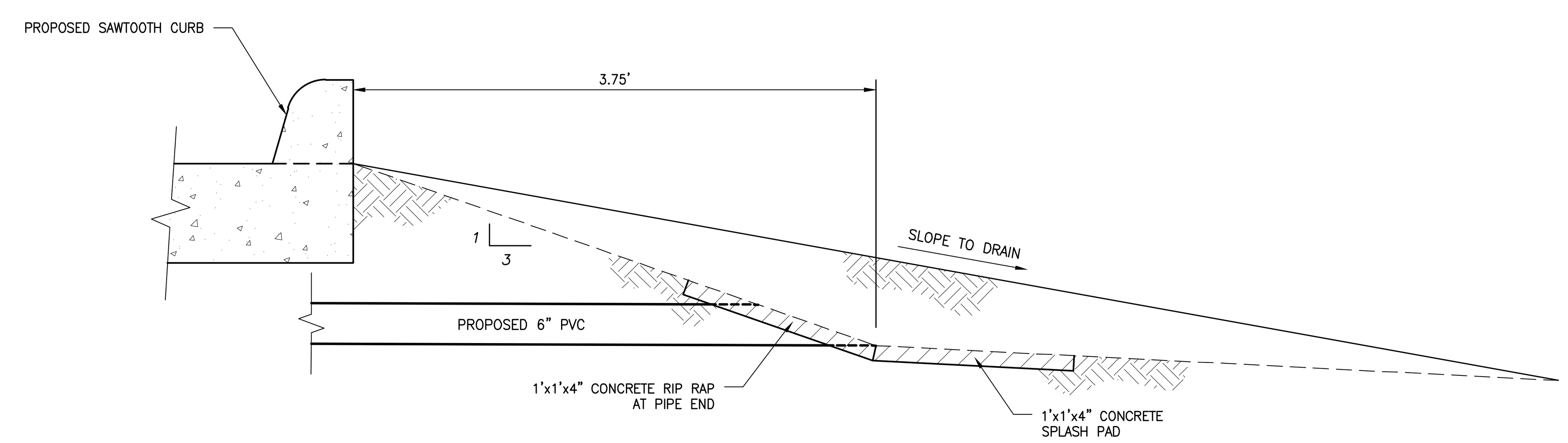


COLUMN LINE RAISED MEDIAN DETAIL

(NOT TO SCALE)

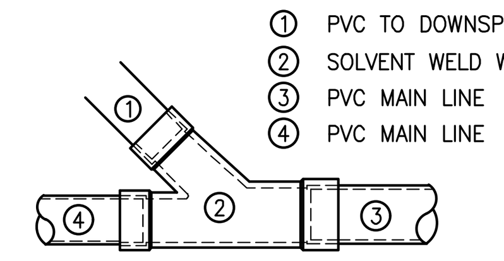
(REF. TO CONCRETE CURB DETAIL ON SHEET C-1)

SEE STRUCTURAL PLANS FOR DETAILS NOT SHOWN HERE.



SECTION "A-A"

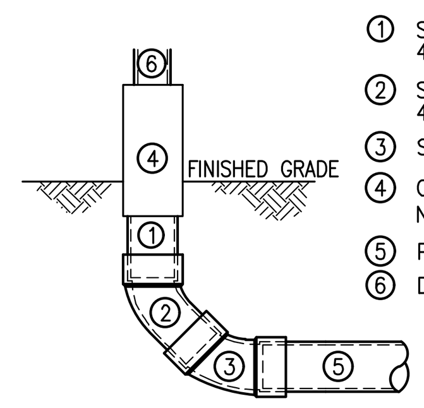
(NOT TO SCALE)



1. PVC TO DOWNSPOUT
2. SOLVENT WELD WYE
3. PVC MAIN LINE
4. PVC MAIN LINE

TYPICAL WYE DETAIL

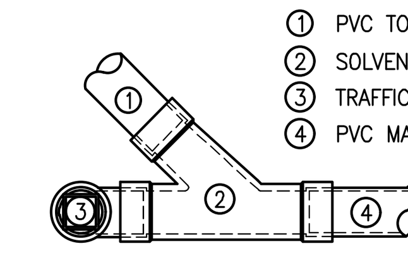
(NOT TO SCALE)



1. SPOOL PIECE W/NO-HUB COUPLING 45' ELBOW (FEMALE X MALE)
2. SOLVENT WELD 45' ELBOW (FEMALE X FEMALE)
3. SOLVENT WELD
4. CAST IRON BOOT NEENAH #R-4929, 30"L, STRAIGHT OR EQUAL
5. PVC MAIN LINE
6. DOWNSPOUT FROM ROOF

TYPICAL CONNECTION FROM DOWNSPOUT TO UNDERGROUND PVC DETAIL

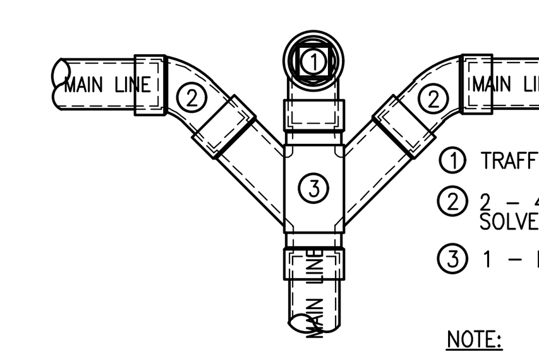
(NOT TO SCALE)



1. PVC TO DOWNSPOUT
2. SOLVENT WELD WYE
3. TRAFFIC RATED CLEAN OUT
4. PVC MAIN LINE

TYPICAL WYE W/CLEAN OUT DETAIL

(NOT TO SCALE)



1. TRAFFIC RATED CLEAN OUT
2. 2 – 45' ELBOWS (FEMALE X MALE) SOLVENT WELD
3. 1 – DOUBLE WYE

NOTE:
ALL DWV FITTINGS TO BE PURPLE PRIMED, SOLVENT WELDED, SCH 40 (OR BETTER).

TYPICAL INTERSECTION TO DRAIN CONNECTION

(NOT TO SCALE)

ROOF DRAIN CONNECTION DETAILS

NOTE: PIPE & FITTING SIZES SHALL BE AS SHOWN ELSEWHERE.

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Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1145
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

PORT ARTHUR BRANCH RENOVATION

5Point Credit Union

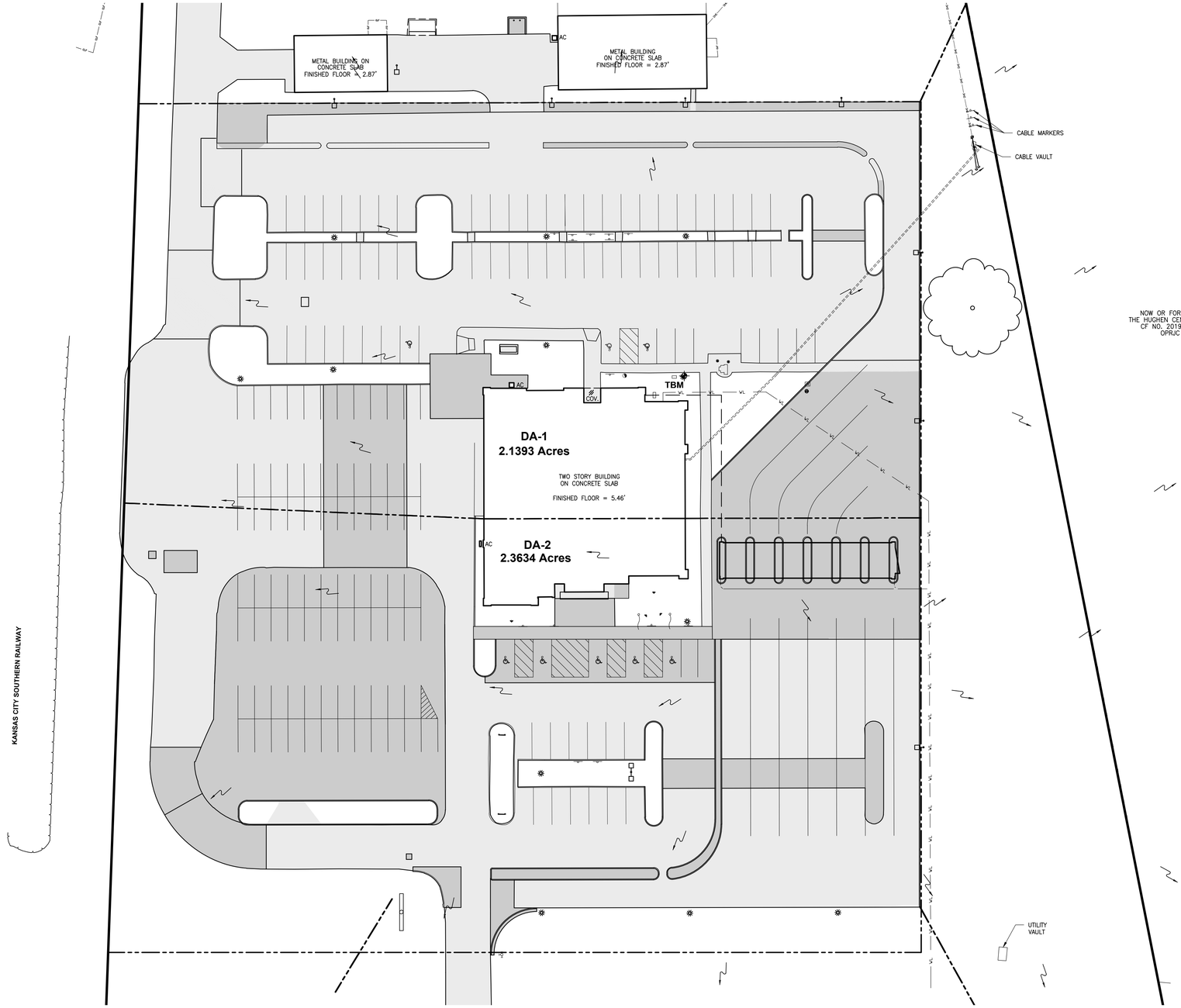
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR		
SCHEMATIC DESIGN	DATE: 2/8/2022	X
DESIGN DEVELOPMENT	DATE: 4/5/2022	X
BIDS & CONSTRUCTION	DATE: 4/11/2022	X
REVISION:	DATE:	
REVISION:	DATE:	
REVISION:	DATE:	

DRAWINGS SHEET TITLE
ITM CANOPY DRAINAGE PLAN

SHEET NUMBER
C-4.1

21041
PROJECT NUMBER



0 30 60

SCALE 1"=30'

LEGEND

- FLOW ARROW
- EXISTING CONCRETE
- PROPOSED CONCRETE

Job Name:	5 Point Credit Union Port Arthur			Atlas 14	Jefferson Co.	Design Feq.	2		5		10		25		50		100
					I=b/(t+d)^e	b=	69.0281		81.5214		88.836		97.4049		101.4198		105.5701
					Zone 1	d=	13.2179		13.4732		13.4254		13.3288		13.0449		12.9873
					2022	e=	0.7862		0.7691		0.7505		0.7266		0.7065		0.6872
					Adj. Factor	Ca=	1.00		1.00		1.00		1.10		1.20		1.25
Drainage Area (No.)	Total area (Ac)	Open Space (0.18) (Ac)	Concrete & Roofs (0.85) (Ac)	Composite C	Time of Concentration (min.)	i2 (in./hr.)	Q2 (cfs)	i5 (in./hr.)	Q5 (cfs)	i10 (in./hr.)	Q10 (cfs)	i25 (in./hr.)	Q25 (cfs)	i50 (in./hr.)	Q50 (cfs)	i100 (in./hr.)	Q100 (cfs)
Pre-Construction Conditions																	
DA-1	2.1393	0.4659	1.6734	0.70	10.0	5.8	8.72	7.2	10.78	8.33	12.47	9.88	16.27	11.05	19.86	12.24	22.92
DA-2	2.3634	1.0005	1.3629	0.57	10.0	5.8	7.85	7.2	9.7	8.33	11.22	9.88	14.64	11.05	17.87	12.24	20.62
Post-Construction Conditions																	
DA-1	2.1393	0.2623	1.8771	0.77	10.0	5.8	9.60	7.2	11.86	8.33	13.72	9.88	17.90	11.05	21.85	12.24	25.21
DA-2	2.3634	0.5273	1.8362	0.70	10.0	5.8	9.64	7.2	11.91	8.33	13.78	9.88	17.98	11.05	21.94	12.24	25.32

RUNOFF CALCULATIONS SHOWN ARE LIMITED TO THE AREA OF ANALYSIS DELINEATED ABOVE.

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DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
PROPOSED DRAINAGE PLAN

SHEET NUMBER
C-5

21041
PROJECT NUMBER

SWPPP GENERAL NOTES

1. CONTRACTOR TO PLACE AND MAINTAIN TEMPORARY SEDIMENT CONTROL ABOUT ENTIRE PERIMETER OF WORK SITE. ENTRANCES TO BE PROTECTED FROM SEDIMENT RUNOFF.
2. CONTRACTOR TO MAINTAIN SEDIMENT CONTROL UNTIL ALL PAVEMENTS HAVE BEEN PLACED, INCLUDING SIDEWALKS. ALL NEARBY SIDEWALKS TO BE KEPT CLEAN DURING CONSTRUCTION ACTIVITIES.
3. CONTRACTOR TO INSPECT EROSION CONTROL MEASURES, INCLUDING VEGETATIVE BUFFER, WITHIN 24 HOURS OF 0.5 INCHES OF RAINFALL AND SHALL IMMEDIATELY CORRECT INEFFECTIVE CONTROL MEASURES.
4. REMOVAL OF SEDIMENT CONTROL DEVICES TO BE CONSIDERED SUBSIDIARY TO PAY ITEMS.
5. CONTRACTOR TO TAKE CARE TO PREVENT TRACKING ONTO ADJACENT PROPERTY, AND SHALL SWEEP AS NECESSARY TO REMOVE ANY TRACKED MATERIAL.
6. CONTRACTOR TO INSTALL SILT FENCE AROUND PERIMETER OF STORM SEWER INLETS AND JUNCTION BOXES PRIOR TO POURING TOPS. AFTER TOPS ARE POURED, CONTRACTOR TO PLACE EROSION CONTROL LOGS ACROSS THROAT OF INLETS.

GENERAL NOTES

1. LENGTHS OF EROSION CONTROL LOGS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS REQUIRED FOR THE PURPOSE INTENDED. MAXIMUM LENGTH OF LOGS SHALL BE 60' FOR 18" DIAMETER OR 30' FOR 12" DIAMETER LOGS.
2. UNLESS OTHERWISE DIRECTED, USE BIODEGRADABLE OR PHOTODEGRADABLE CONTAINMENT MESH ONLY WHERE LOG WILL REMAIN IN PLACE AS PART OF A VEGETATIVE SYSTEM. FOR TEMPORARY INSTALLATIONS, USE RECYCLABLE CONTAINMENT MESH.
3. STUFF LOGS WITH SUFFICIENT FILTER MATERIAL TO ACHIEVE DENSITY THAT WILL HOLD SHAPE WITHOUT EXCESSIVE DEFORMATION.. STAKES SHALL BE 2" X 2" WOOD OR #3 REBAR, 4' LONG, EMBEDDED SUCH THAT 2" PROTRUDES ABOVE LOG, OR AS DIRECTED.
4. DO NOT PLACE STAKES THROUGH CONTAINMENT MESH.

CONSTRUCTION EXIT GENERAL NOTES

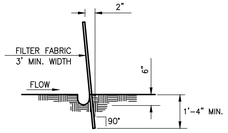
TYPE 1

1. THE LENGTH OF THE TYPE 1 CONSTRUCTION EXIT SHALL BE AS INDICATED ON THE PLANS, BUT NOT LESS THAN 50'.
2. THE COARSE AGGREGATE SHOULD BE OPEN GRADED WITH A SIZE OF 4" TO 8".
3. THE APPROACH TRANSITIONS SHOULD BE NO STEEPER THAN 6:1 AND CONSTRUCTED AS DIRECTED BY THE ENGINEER.
4. THE CONSTRUCTION EXIT FOUNDATION COURSE SHALL BE FLEXIBLE BASE, BITUMINOUS CONCRETE, PORTLAND CEMENT CONCRETE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.
5. THE CONSTRUCTION EXIT SHALL BE GRADED TO ALLOW DRAINAGE TO A SEDIMENT TRAPPING DEVICE.
6. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAYBE MODIFIED BY THE ENGINEER.

TYPE 2

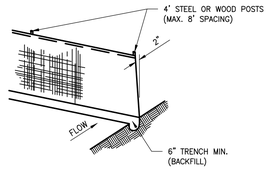
1. THE LENGTH OF THE TYPE 2 CONSTRUCTION EXIT SHALL BE AS INDICATED ON THE PLANS, BUT NOT LESS THAN 50'.
2. THE TREATED TIMBER PLANKS SHALL BE ATTACHED TO THE RAILROAD TIES WITH 1/2"X 6" MIN. LAG BOLTS. OTHER FASTENERS MAY BE USED AS APPROVED BY THE ENGINEER.
3. THE TREATED TIMBER PLANKS SHALL BE #2 GRADE MIN., AND SHOULD BE FREE FROM LARGE AND LOOSE KNOTS.
4. THE APPROACH TRANSITIONS SHALL BE NO STEEPER THAN 6:1 AND CONSTRUCTED AS DIRECTED BY THE ENGINEER.
5. THE CONSTRUCTION EXIT FOUNDATION COURSE SHALL BE FLEXIBLE BASE, BITUMINOUS CONCRETE, PORTLAND CEMENT CONCRETE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.
6. THE CONSTRUCTION EXIT SHOULD BE GRADED TO ALLOW DRAINAGE TO A SEDIMENT TRAPPING DEVICE.
7. THE GUIDELINES SHOWN HEREON ARE SUGGESTIONS ONLY AND MAY BE MODIFIED BY THE ENGINEER.

SEDIMENT CONTROL FENCE

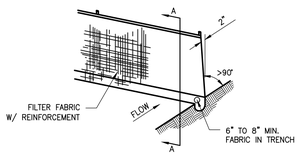


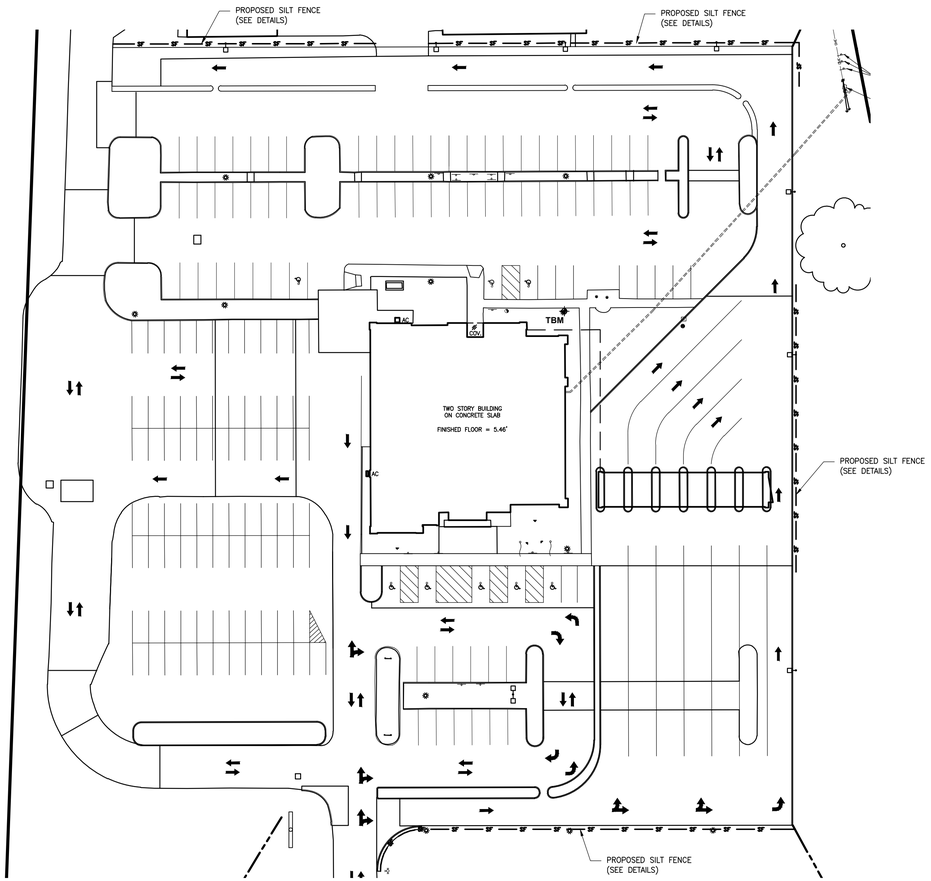
REINFORCEMENT AND FILTER FABRIC
TO BE ATTACHED AS DIRECTED BY THE ENGINEER.

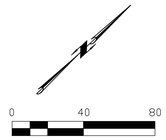
SECTION A-A
RECOMMENDED TOE-IN METHOD



NOTE: POULTRY NETTING SHALL NOT BE
ALLOWED AS A REINFORCEMENT MATERIAL







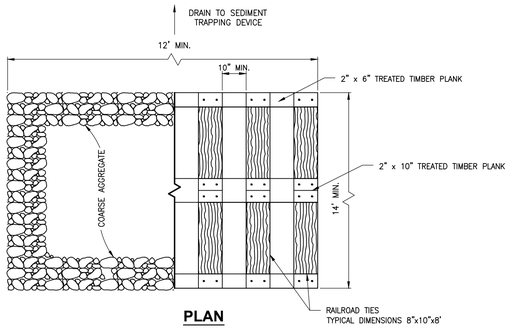
SCALE 1"=40'

LEGEND

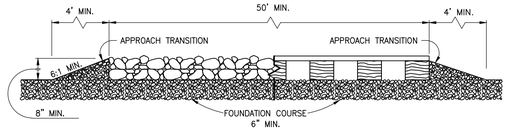
SILT FENCE

EROSION CONTROL LOG

CONSTRUCTION EXIT



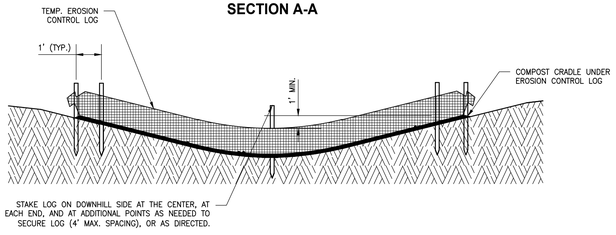
PLAN



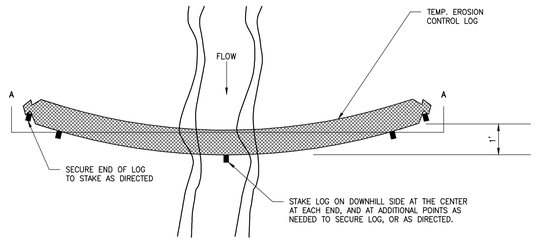
PROFILE

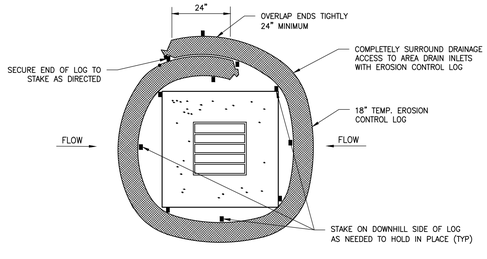
CONSTRUCTION EXIT (TYPE 1) OR CONSTRUCTION EXIT (TYPE 2)

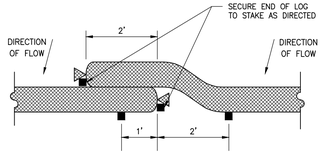
SECTION A-A



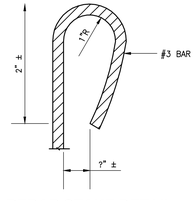
PLAN VIEW







LAP DETAIL



REBAR STAKE DETAIL

EROSION CONTROL LOG CHECK DAM

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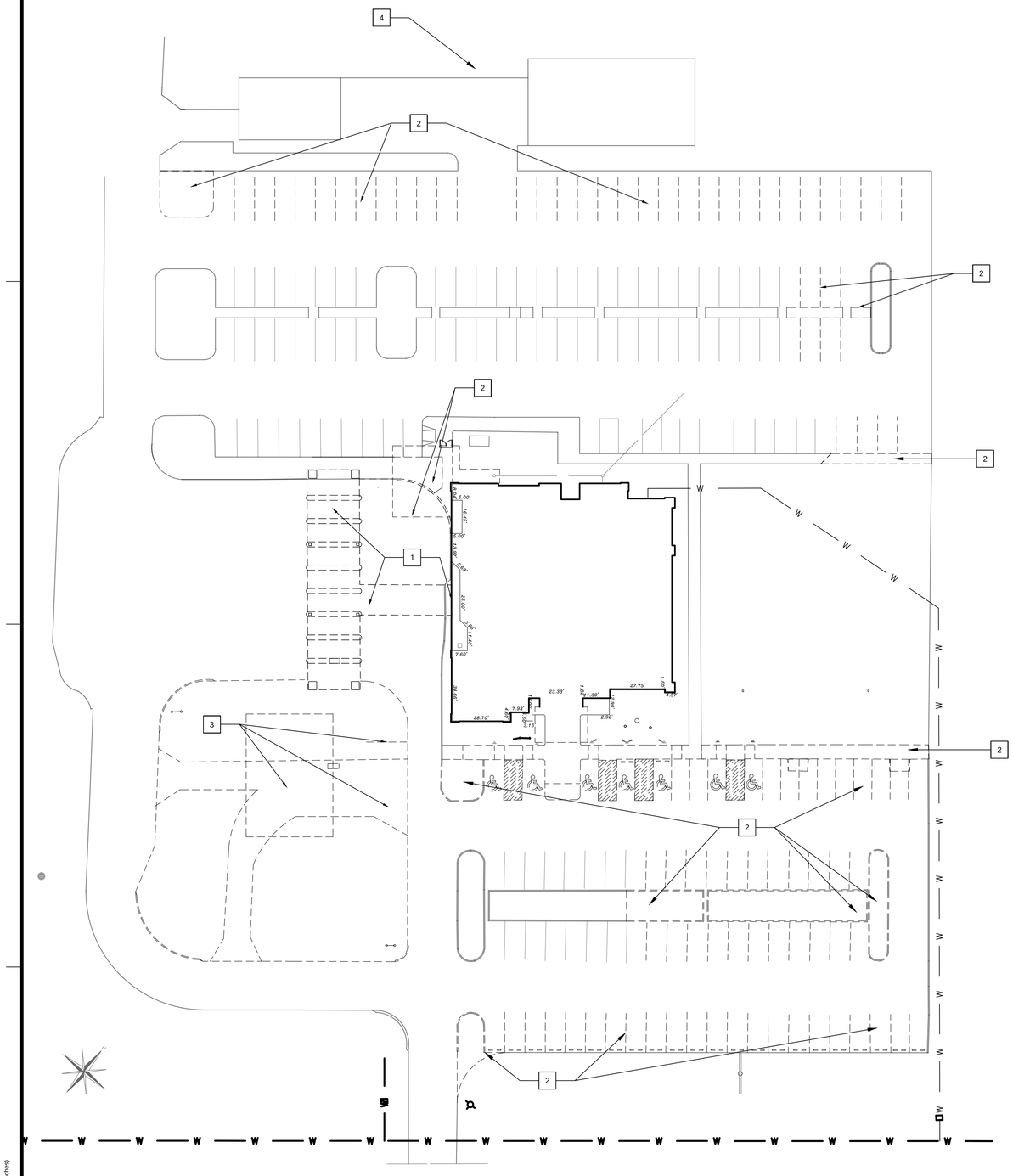
DRAWINGS SHEET TITLE
PROPOSED EROSION CONTROL PLAN

SHEET NUMBER
C-6

21041
PROJECT NUMBER



1 DEMOLITION SITE PLAN
SCALE: 1"=30'

CALLED NORTH

SITE DEMOLITION KEYNOTES

1. REMOVE EXISTING DRIVE-THRU/ATM CANOPY SHOWN DASHED INCLUDING STRUCTURE, COLUMNS, AND CONCRETE FOOTINGS. CAP POWER LINES, DATA LINES, AND PNEUMATIC LINES. INFILL OPENING IN WALL WITH NEW CEMENT PLASTER PRIOR TO APPLYING ELASTOMERIC COATING WHERE DEMOLISHED PORTION WAS ATTACHED TO THE BUILDING. REF. CIVIL
2. REMOVE PORTION OF EXISTING PARKING ISLAND, CURB, SIDEWALK, POLE LIGHT WITH CONCRETE BASE, AND LANDSCAPING SHOWN DASHED. REMOVE EXISTING PARKING STRIPING FROM DRIVE TO REMAIN. REF. CIVIL
3. REMOVE TEMPORARY BUILDING, SIGNAGE, AFFECTED CONCRETE CURB , GRASS AREA, AND POLE LIGHTS AS REQUIRED. REF. CIVIL
4. PREP FOR NEW DUMPSTER ENCLOSURE, REF. CIVIL

4 CONSTRUCTION SIGN PLAN
SCALE: 3/4"=1'-0"

PROJECT SIGN CONSTRUCTED FROM ½" MEDIUM DENSITY OVERLAY (MDO) PLYWOOD. ATTACHED TO (5) 4" X 4" X 12'-0" POSTS WITH (5) 2" X 8" X 8'-0" BACK SUPPORTS AT TOP. VINYL LETTERING AND COLORS SELECTED FROM "SPAN-CAL" VINYL COLOR SELECTION. BACKGROUND PAINTED WITH (2) COATS EXTERIOR SATIN ENAMEL COLOR. SELECTED BY ARCHITECT.

NOTE: PROVIDE SHOP DRAWINGS TO INCLUDE LAYOUT OF SIGN

2 CONSTRUCTION SIGN SIDE ELEVATION
SCALE: 3/4"=1'-0"

3 CONSTRUCTION SIGN FRONT ELEVATION
SCALE: 3/4"=1'-0"

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

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4/11/2022

RONALD M. JONES 13662
4/11/2022

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5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR
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DESIGN DEVELOPMENT ☒
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BIDS & CONSTRUCTION ☒
DATE: 4/11/2022
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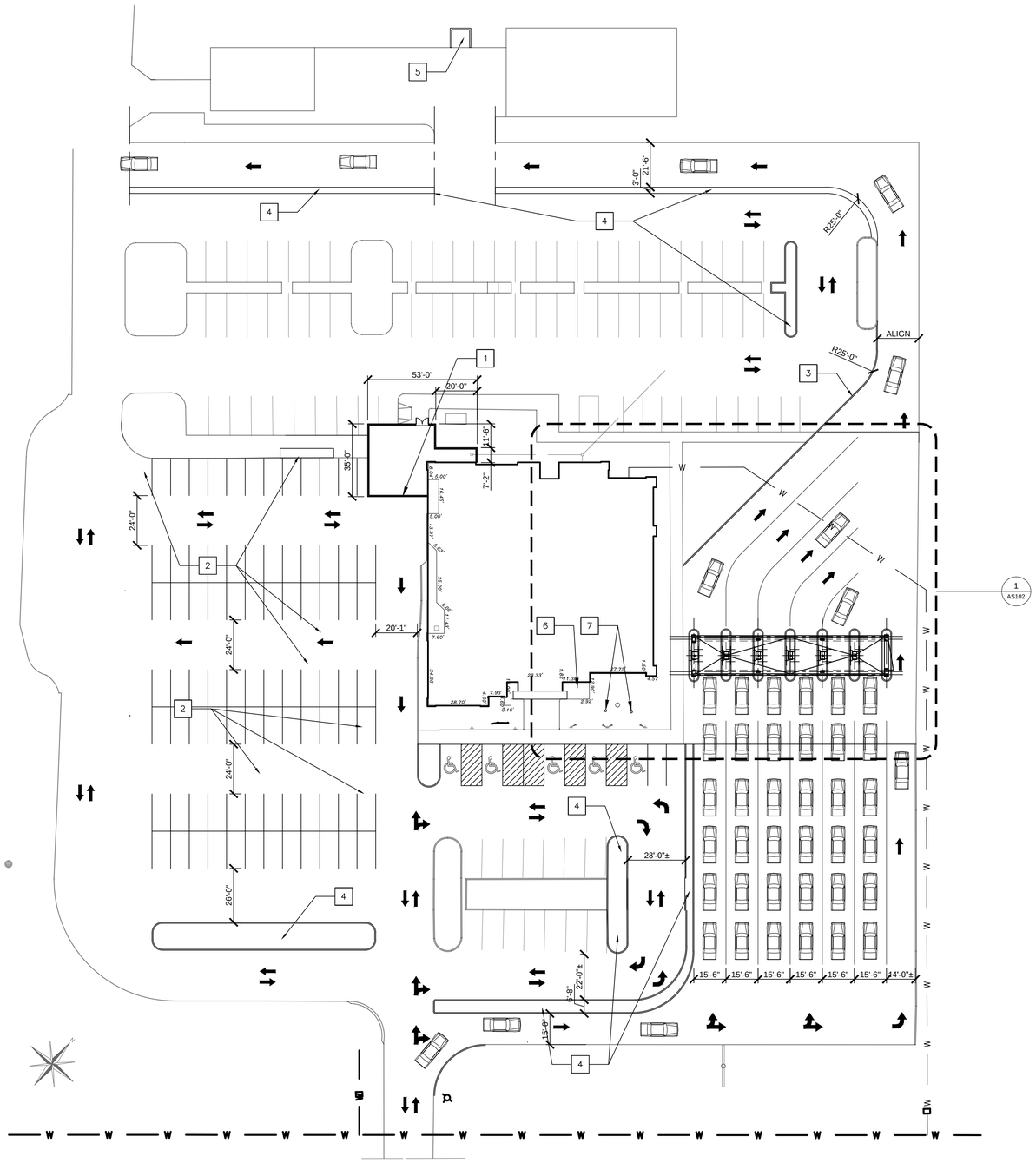
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
DEMOLITION SITE PLAN

SHEET NUMBER
AS100

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:47 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



N

CALLED NORTH

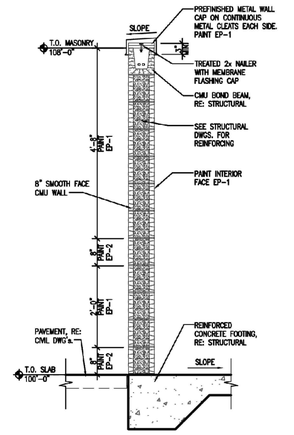
1 NEW SITE PLAN

SCALE: 1"=30'

SITE CONSTRUCTION KEYNOTES

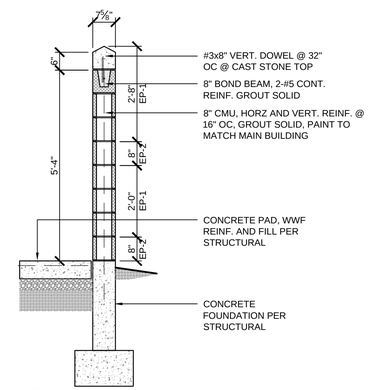
1. MECHANICAL YARD, REF. 2/AS101
2. NEW PARKING STRIPING AND CONCRETE WHERE CANOPIES WERE REMOVED. PATCH EXISTING CURBS ON BOTH ENDS AFFECTED BY CANOPY REMOVAL, REF. CIVIL
3. SAWTOOTH CURB REF. CIVIL
4. NEW CONCRETE ISLAND, REF. CIVIL
5. NEW DUMPSTER ENCLOSURE, REF. CIVIL AND STRUCTURAL AND 3/AS101
6. NEW CONCRETE PAVEMENT BY NIGHT DEPOSITORY BOX, REF. CIVIL
7. REMOVE EXISTING FLAG POLES

EP-1: SHERWIN WILLIAMS SW 7655 STAMPED CONCRETE
EP-2: SHERWIN WILLIAMS SW 7018 DOVETAIL



3 DUMSPTER ENCLOSURE

SCALE: NTS



2 MECHANICAL FENCE SECTION

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

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FAX (409) 866-1745
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RONALD M. JONES, A.I.A.
www.archtexas.com

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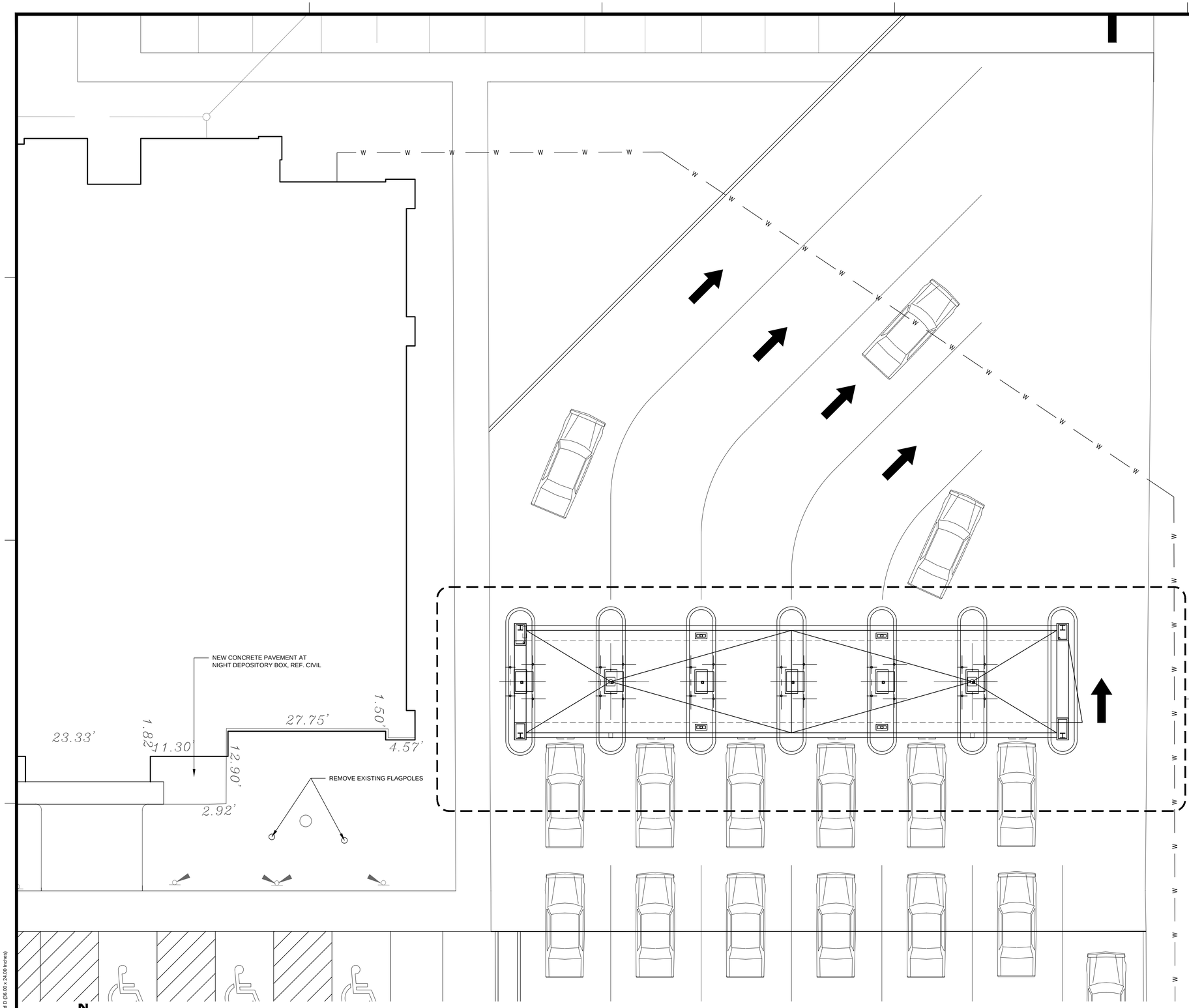
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
NEW SITE PLAN

SHEET NUMBER
AS101

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:47 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



N

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1 DRIVE-THRU PLAN

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

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350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701

TEL (409) 866-7166
FAX (409) 866-1745

J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.

www.archtxcall.com

REGISTERED ARCHITECT
JAMES R. CLARK
8212
STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT
RONALD M. JONES
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STATE OF TEXAS
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DRAWINGS SHEET TITLE

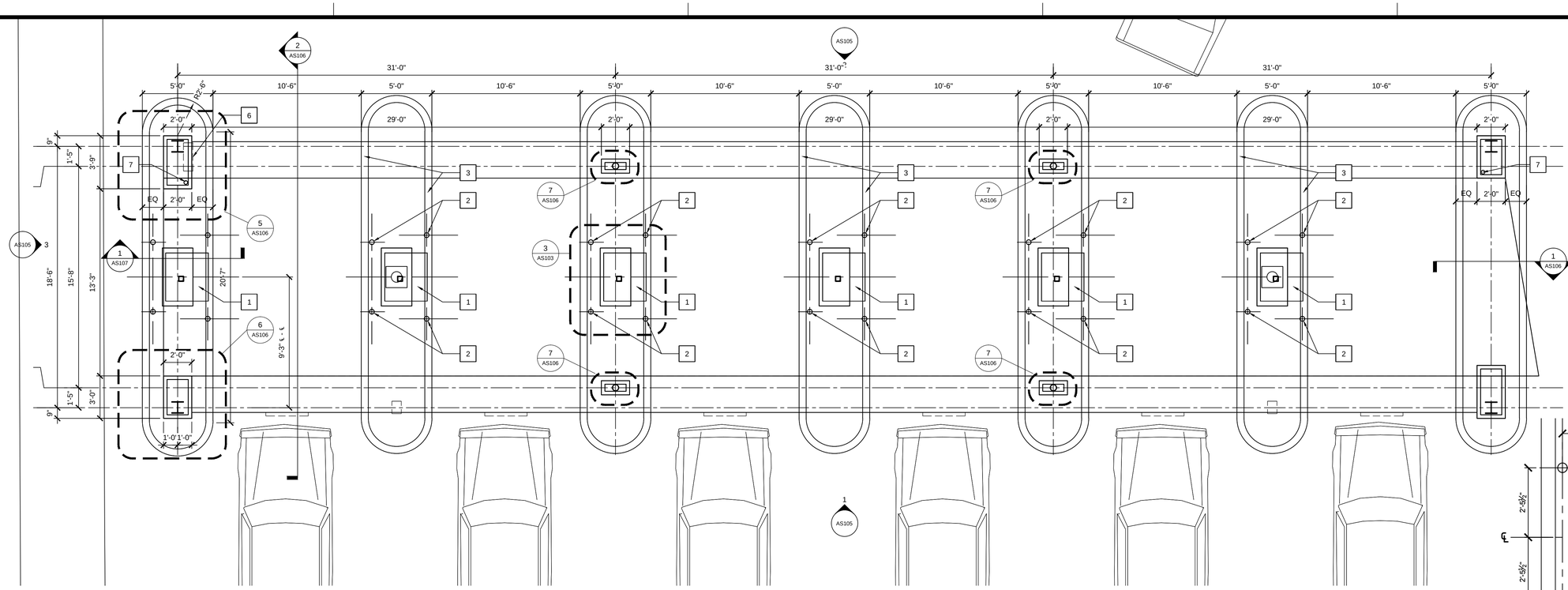
DRIVE-THRU PLAN

SHEET NUMBER

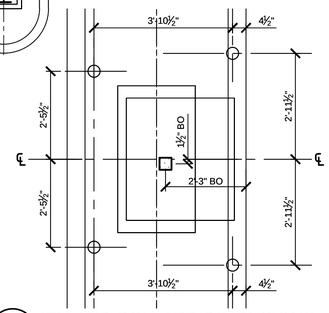
AS102

21041
PROJECT NUMBER

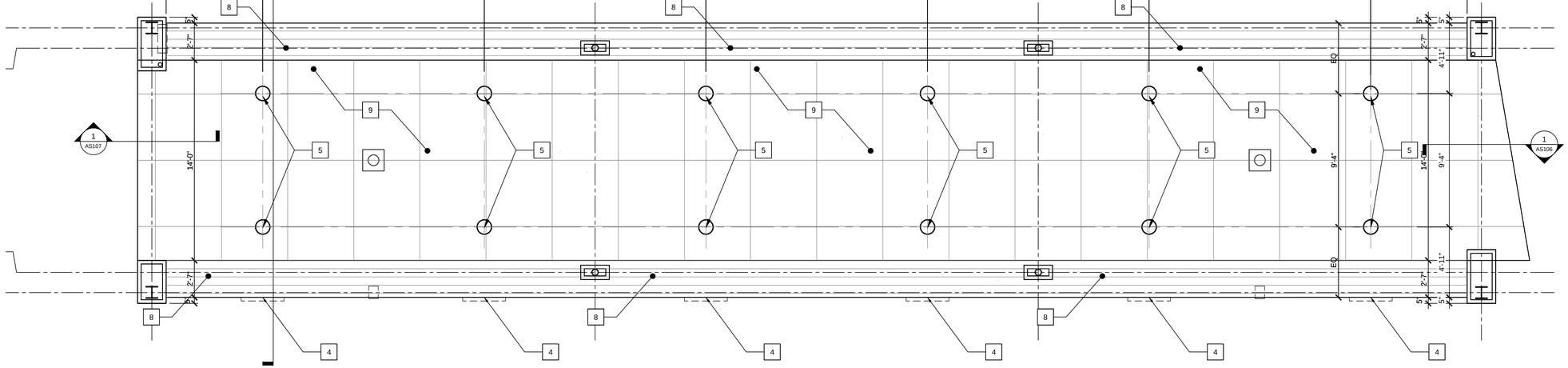
SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:47 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



1 FLOOR PLAN - DIMENSIONS AND NOTES
SCALE: 1/4" = 1'-0"



3 ITM AND BOLLARD DIMENSIONS
SCALE: 1/2" = 1'-0"



2 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

CALLED NORTH

KEYNOTES

1. ITM EQUIPMENT BY OTHERS
2. 6" H.D. GALVANIZED STEEL PIPE BOLLARD, REF. CIVIL, WITH BOLLARD COVERS, COLOR:CANADIAN GREY
3. CONCRETE CURB, REF. CIVIL
4. SURFACE MOUNTED LANE SIGNS OWNER FURNISHED CONTRACTOR INSTALLED, REF. ELECTRICAL
5. SURFACE MOUNTED CANOPY LIGHT FIXTURES, REF. ELECTRICAL
6. SAGINAW ENCLOSURE, NEMA ½ FLANGE DISCONNECT, STEEL ANSI 61 GRAY, 36" X 24" X 8" INSTALL TIGHT TO COLUMN GRID 0.1 SPACE WIDTH WISE AS NEEDED ON 3'-3" WIDE ENCLOSURE. PROVIDE WITH KEYLOCKING LATCH AND FIELD PAINT.
7. INTERNAL DOWNSPOUT ROOF DRAIN, REF. CIVIL (COORDINATE WITH SAGINAW ENCLOSURE)
8. ARCHITECTURAL PANEL, STONEWOOD METROPOLITAN WALNUT 8169-AA (AP-2)
9. METAL PANEL, ALUCOBOND RED FIRE AB077 (AP-1)

Architectural Alliance Incorporated
339 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
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TEXAS REG.# 8212
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DATE: 3/1/2022
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DATE: 4/11/2022
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DRAWINGS SHEET TITLE
ENLARGED DRIVE-THRU PLAN AND RCP

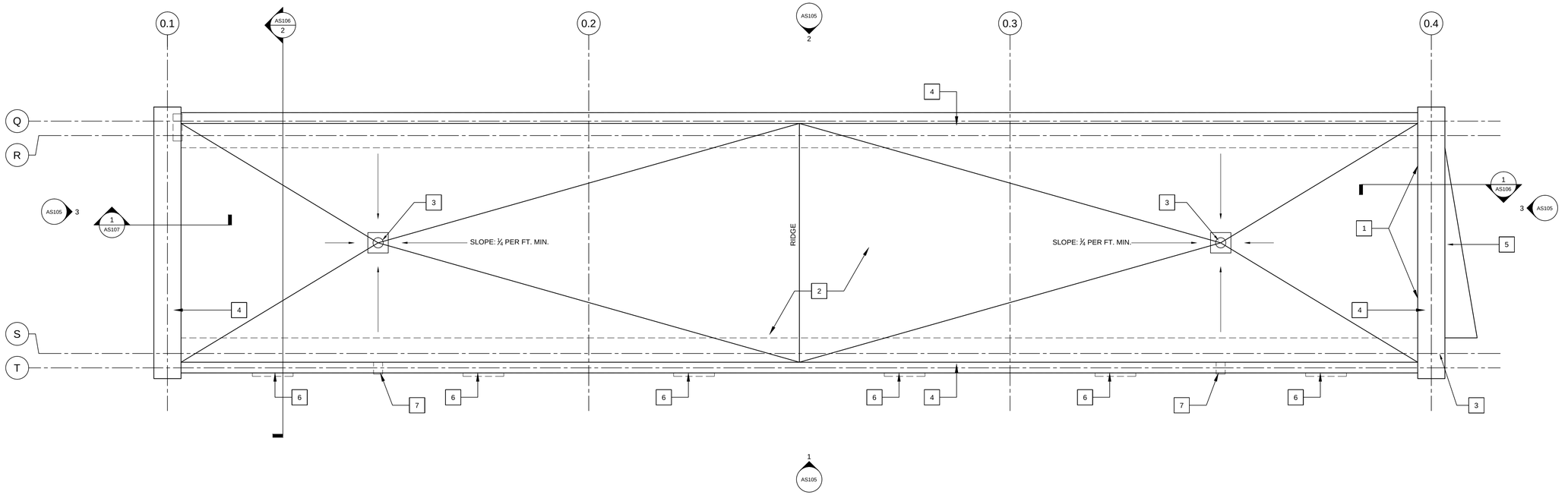
SHEET NUMBER
AS103

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:47 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

KEYNOTES

1. (2) 2X2 WINDSTORM RATED ACCESS PANELS FOR ILLUMINATED SIGN SERVICE. LOCATION TO BE COORDINATED WITH SIGN COMPANY AND GENERAL CONTRACTOR.
2. MEMBRANE ROOF OVER TAPERED INSULATION , REF. R2.01
3. INTERNAL DOWNSPOUT ROOF DRAIN AND TIE TO STORM SEWER, REF. CIVIL
4. PRE-FINISHED METAL COPING WITH CONT. CLEATS AND DRIP EDGES @ FRONT AND REAR. REF. R2.01
5. ILLUMINATED BUILDING SIGNAGE NOT IN CONTRACT. FINAL LOCATION OF SIGN AND ELECTRICAL SUPPLY SHALL BE COORDINATED BETWEEN OWNER, SIGNAGE COMPANY AND GENERAL CONTRACTOR.
6. SURFACE MOUNTED LANE SIGNS OWNER FURNISHED CONTRACTOR INSTALLED, REF. ELECTRICAL
7. ROOF OVERFLOW SCUPPER, REF. R2.01. CENTER TO ITM RAISED CONCRETE MEDIAN



1 ENLARGED DRIVE-THRU ROOF PLAN
SCALE: 1/4" = 1'-0"

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Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
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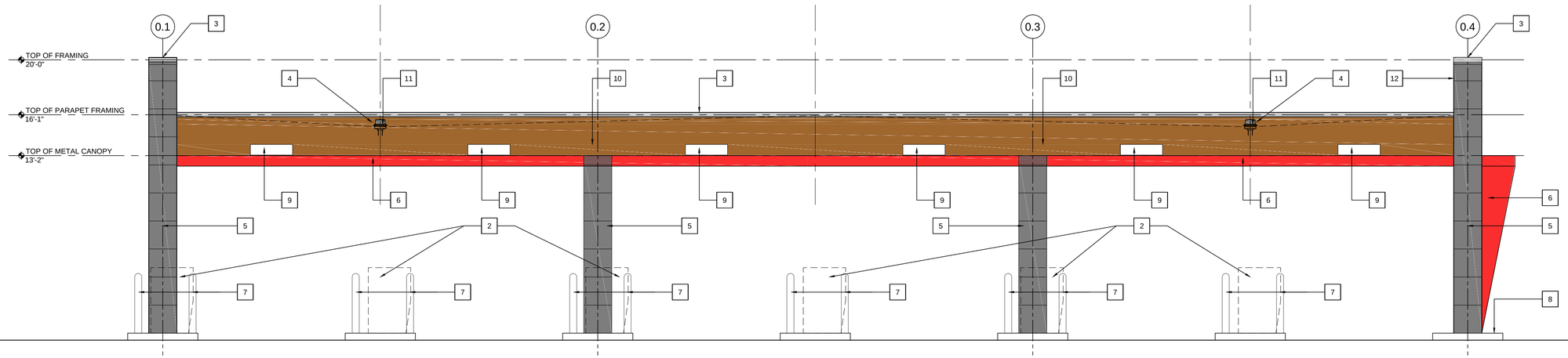
DRAWINGS SHEET TITLE
ENLARGED DRIVE-THRU ROOF PLAN

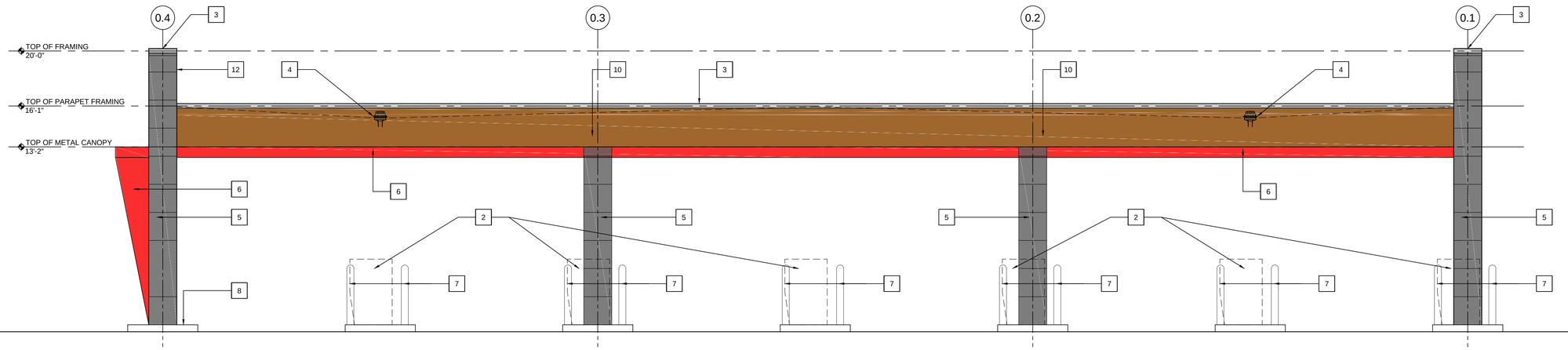
SHEET NUMBER
AS104

21041
PROJECT NUMBER

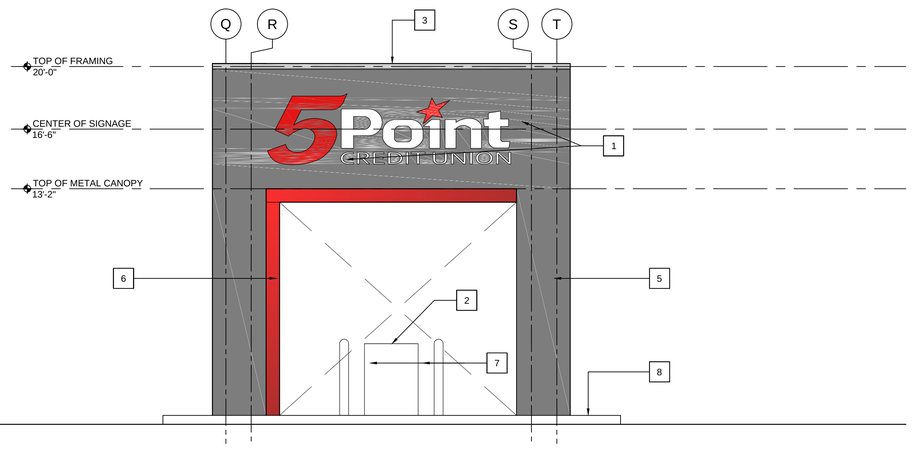
SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:47 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



1 DRIVE-THRU EXTERIOR ELEVATIONS - SOUTH
SCALE: 1/4" = 1'-0"



2 DRIVE-THRU EXTERIOR ELEVATIONS - NORTH
SCALE: 1/4" = 1'-0"



3 DRIVE-THRU EXTERIOR ELEVATIONS - END
SCALE: 1/4" = 1'-0"

DRIVE-THRU CANOPY ELEVATION KEYNOTES

1. BUILDING SIGNAGE NOT IN CONTRACT. FINAL LOCATION OF SIGN AND ELECTRICAL SUPPLY SHALL BE COORDINATED BETWEEN OWNER, SIGNAGE COMPANY AND CONTRACTOR
2. INTERACTIVE TELLER MACHINE OWNER FURNISHED CONTRACTOR INSTALLED
3. PREFINISHED METAL COPING WITH CONTINUOUS CLEATS AND DRIP EDGES AT FRONT AND REAR, ALUMINUM FINISH (MT-1), REF. R2.01
4. ROOF DRAIN AND SLOPED ROOF LINE SHOWN DASHED, CENTER WITH MEDIAN, REF. R2.01
5. STUCCO WITH ELASTOMERIC COATING (VERIFY COLOR TO MATCH STONEWOOD PEWTER BRUSH 1778-DB/AP-1) WITH ⅜" THICK ZINC TRIM EXPANSION JOINTS (COLOR MATCH)
6. METAL PANELS, ALUCOBOND RED FIRE AB077 (MP-1)
7. 6" H.D. GALVANIZED STEEL PIPE BOLLARD, REF. CIVIL, WITH BOLLARD COVERS, COLOR:CANADIAN GREY
8. CONCRETE CURB, TYP. REF. CIVIL
9. SURFACE MOUNTED LANE SIGNS OWNER FURNISHED CONTRACTOR INSTALLED, REF. ELECTRICAL
10. ARCHITECTURAL PANELS, STONEWOOD METROPOLITAN WALNUT 8169-A (AP-2)
11. OVERFLOW SCUPPER CENTERED TO CONCRETE CURB ISLAND, REF. R2.01
12. (2) 2X2 WINDSTORM RATED ACCESS PANELS FOR ILLUMINATED SIGN SERVICE. LOCATION TO BE COORDINATED WITH SIGN COMPANY AND GENERAL CONTRACTOR

Architectural Alliance Incorporated
339 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.archtexas.com

REGISTERED ARCHITECT
JAMES R. CLARK
8212
STATE OF TEXAS
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RONALD M. JONES
13662
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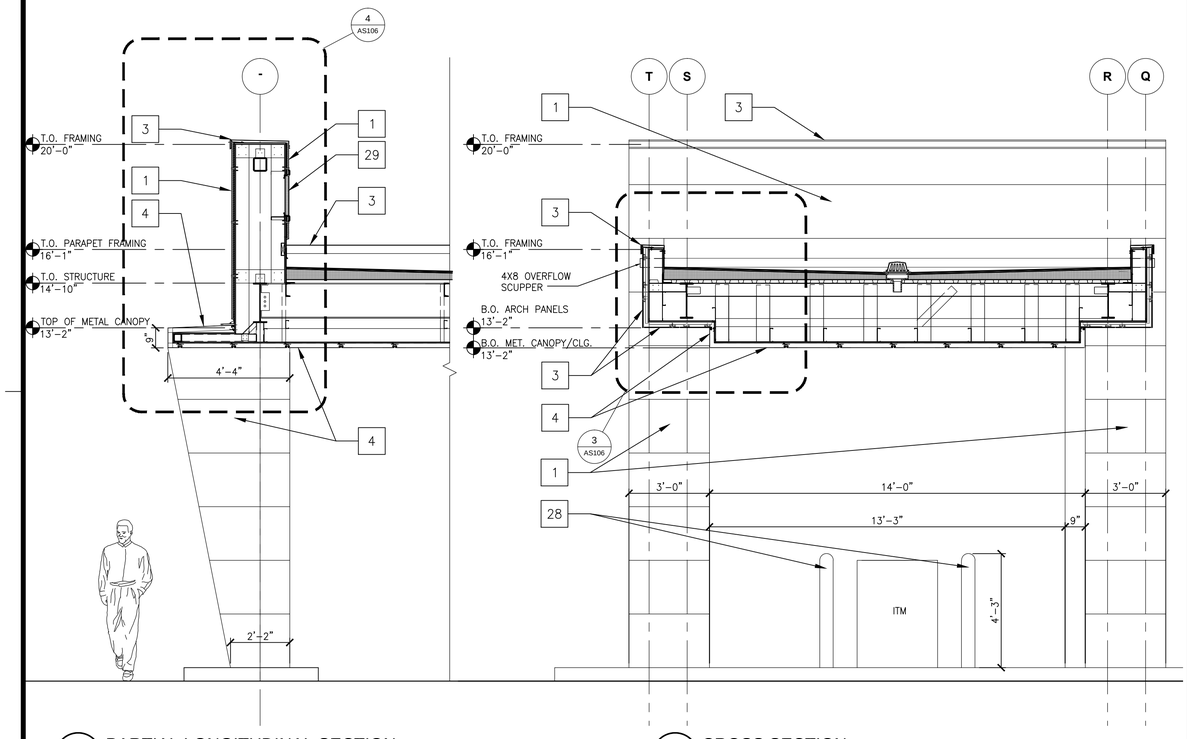
DRAWINGS SHEET TITLE
DRIVE-THRU EXTERIOR ELEVATIONS

SHEET NUMBER
AS105

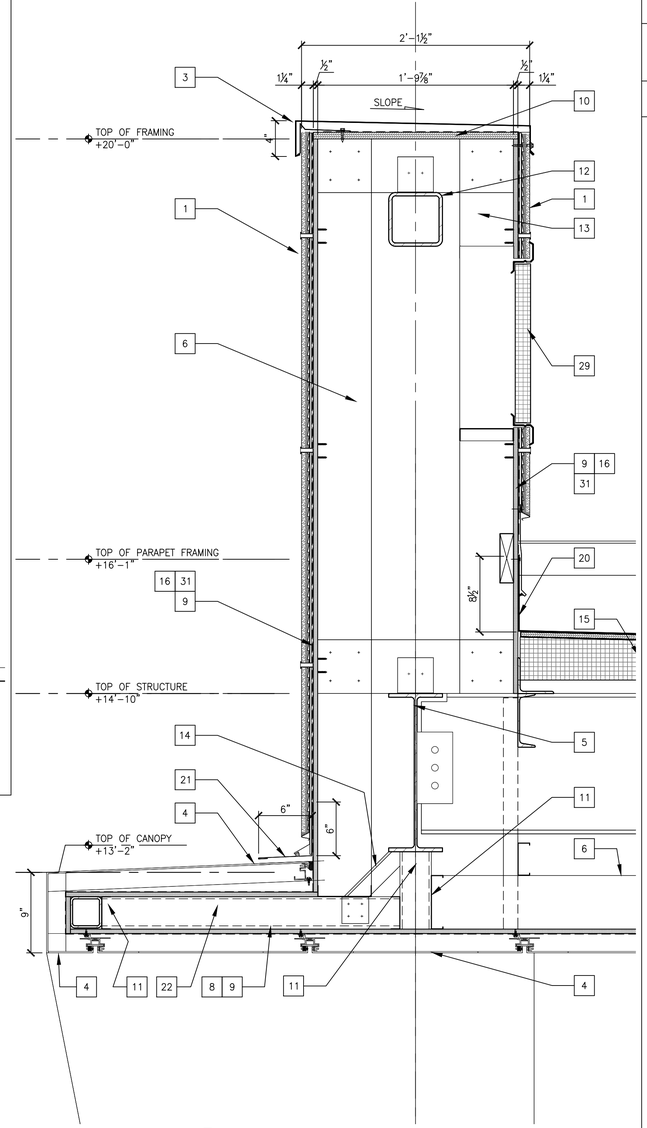
21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:47 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

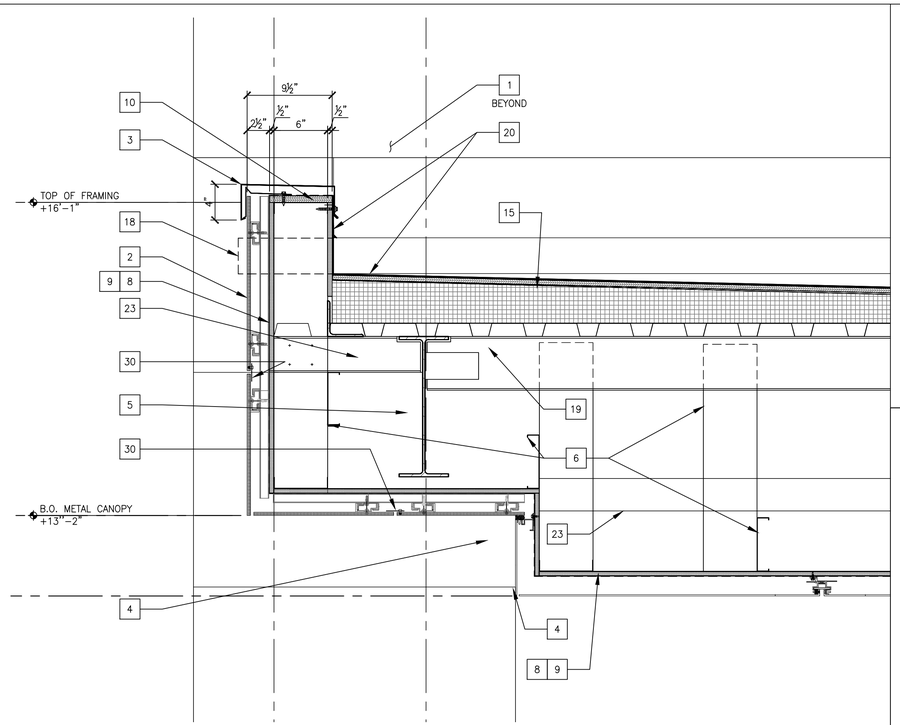


1 PARTIAL LONGITUDINAL SECTION
SCALE: 3/8"=1'-0"

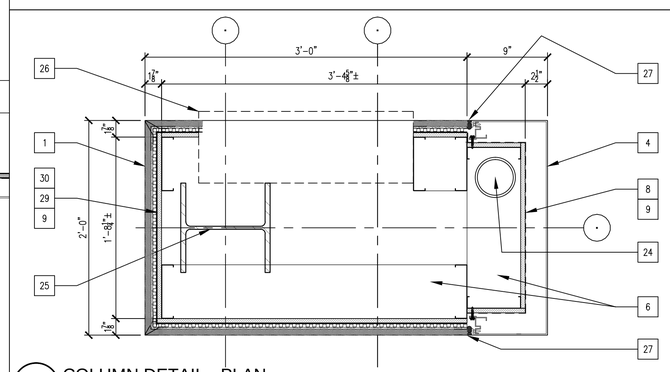
2 CROSS SECTION
SCALE: 3/8"=1'-0"



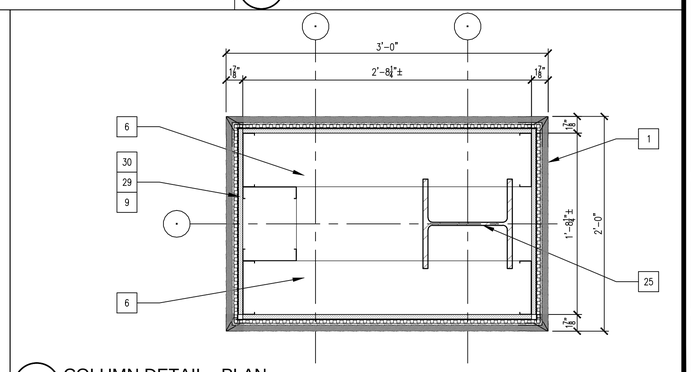
4 BLOW-UP DETAIL - SECTION
SCALE: 3/8"=1'-0"



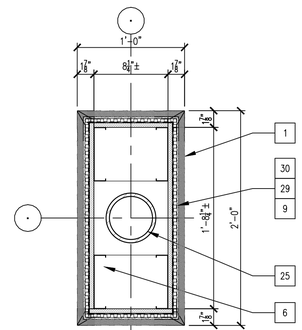
3 BLOW-UP DETAIL - SECTION
SCALE: 3/8"=1'-0"



5 COLUMN DETAIL - PLAN
SCALE: 3/8"=1'-0"



6 COLUMN DETAIL - PLAN
SCALE: 3/8"=1'-0"



7 COLUMN DETAIL - PLAN
SCALE: 3/8"=1'-0"

GENERAL NOTES

1. ALL SHEATHING SHALL BE COVERED WITH SELF-ADHERED AIR AND MOISTURE BARRIER. WHERE PLASTER IS INSTALLED, INSTALL ADDITIONAL SURE CAVITY RAINSCREEN OVER SELF-ADHERED AIR AND MOISTURE BARRIER PRIOR TO ATTACHING SELF-FURRING METAL LATH.

KEYNOTES

1. STUCCO WITH ELASTOMERIC COATING (VERIFY COLOR TO MATCH STONEWOOD PEWTER BRUSH 1778-DB / AP-1) WITH 3/8" THICK ZINC TRIM EXPANSION JOINTS (COLOR MATCH)
2. ARCHITECTURAL PANELS, STONEWOOD METROPOLITAN WALNUT 8169-A (AP-2)
3. PREFINISHED METAL COPING WITH CONTINUOUS CLEATS AND DRIP EDGES AT FRONT AND REAR, ALUMINUM FINISH (MT-1) REF. ROOF CONSULTANT'S DRAWINGS
4. METAL PANELS, ALUCOBOND RED FIRE AB077 (MP-1)
5. STEEL BEAM, REF. STRUCTURAL
6. 6" STRUCTURAL STUD. FRAMING, REF. STRUCTURAL FOR SPACING
7. STEEL CHANNEL, REF. STRUCTURAL
8. SELF-ADHERED AIR AND MOISTURE BARRIER
9. ½" EXTERIOR GRADE PLYWOOD SHEATHING
10. ¾" EXTERIOR GRADE PLYWOOD SHEATHING
11. 3X3 TUBE STEEL, REF. STRUCTURAL
12. 6X6 TUBE STEEL, REF. STRUCTURAL
13. 16 GA. STEEL CLIP ANGLE, REF. STRUCTURAL
14. 2X2X¼" STEEL ANGLE BRACE, REF. STRUCTURAL
15. MEMBRANE ROOFING OVER TAPERED INSUL. OVER METAL DECKING WITH ¼" PER FT. MIN. SLOPE. REF. R2.01
16. SURE CAVITY RAINSCREEN DRAINAGE PLANE, REF. 3/AS107
17. BUILT-UP CRICKET WITH ½" PER FT. MIN. SLOPE. REF. R2.01
18. KYNAR FINISH OVERFLOW SCUPPER. PROVIDE SEALANT AND ENSURE WATERTIGHT INSTALLATION ON ALL SIDES. REF. R2.01
19. STEEL CHANNEL, REF. STRUCTURAL
20. TURN ROOF SYSTEM UP TO WALL AND CAP WITH ALUM. TERMINATION BAR. PROVIDE KYNAR FINISH COUNTER FLASHING FASTENED BEHIND ARCH. WALL PANEL SYSTEM. PROVIDE BLOCKING AT STUD CAVITY AT FLASHING LOCATION. REF. R2.01
21. KYNAR FIN. FLASHING WITH ALUM. TOP TERMINATION BAR INSTALL BEHIND ARCH. WALL SYST. (MATCH MP-1)
22. 3½" STRUCTURAL STUD FRAMING, REF. STRUCTURAL
23. STEEL CHANNEL OUTRIGGER
24. INTERNAL DOWNSPOUT DRAIN
25. STEEL COLUMN, REF. STRUCTURAL
26. DATA CONTROL BOX WITH KEYLOCKING LATCH, FIELD PAINT
27. SEALANT OVER BACKER ROD, TYPICAL
28. 6" H.D. GALVANIZED STEEL PIPE BOLLARD, REF. CIVIL, WITH BOLLARD COVERS, COLOR:CANADIAN GREY
29. (2) 2X2 WINDSTORM RATED ACCESS PANELS FOR ILLUMINATED SIGN SERVICE. LOCATION TO BE COORDINATED WITH SIGN COMPANY AND GENERAL CONTRACTOR. REF. 4/AS107 FOR SURE CAVITY DETAIL AROUND ACCESS PANELS
30. KYNAR COATED TRIM PIECE TO COVER GAPS BETWEEN ADJACENT PANELS, SECURED FROM BEHIND TO 1 PANEL ONLY TO ALLOW MOVEMENT. BRONZE (VERIFY)
31. ASPHALTIC PAPER VAPOR BARRIER OVER SELF-ADHERED AIR AND MOISTURE BARRIE

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4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR
SCHEMATIC DESIGN X
DATE: 9/7/2021
DESIGN DEVELOPMENT X
DATE: 3/1/2022
BIDS & CONSTRUCTION X
DATE: 4/11/2022
REVISION:
DATE:
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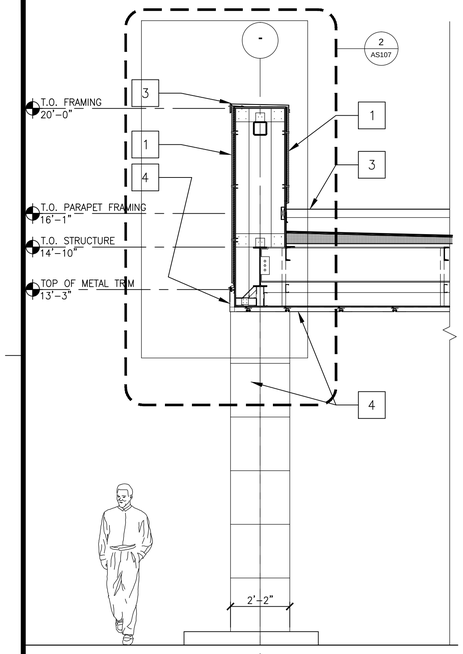
REVISION:
DATE:

DRAWINGS SHEET TITLE
DRIVE-THRU CANOPY BUILDING SECTIONS AND DETAILS

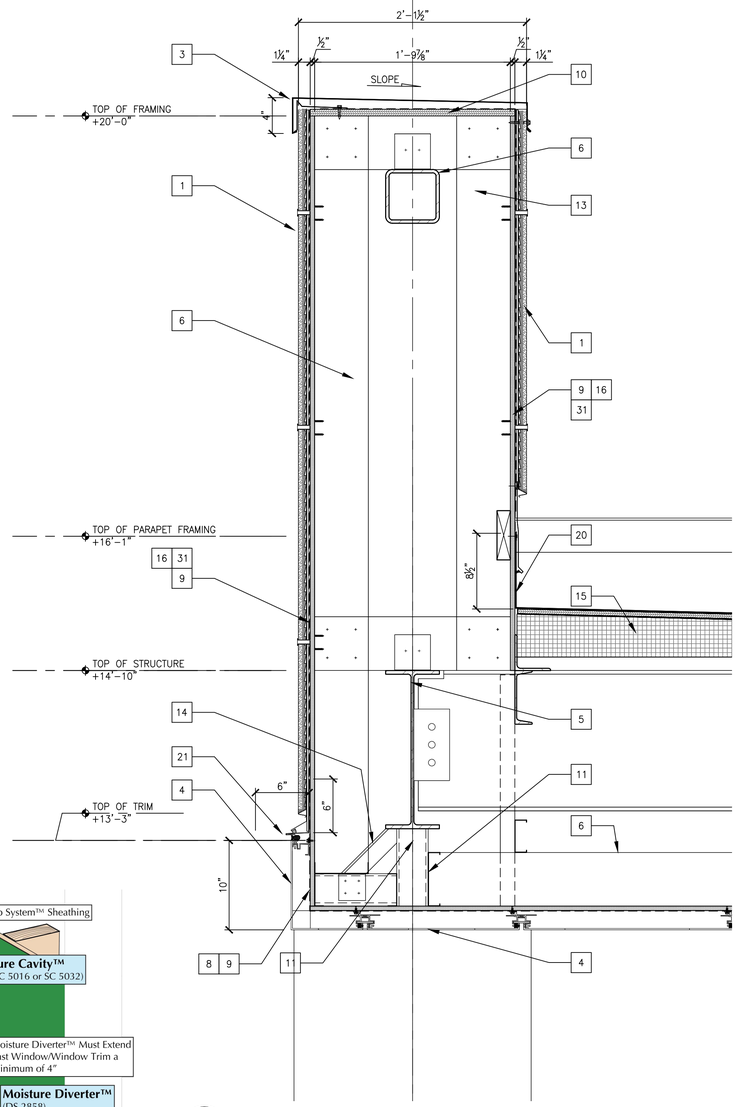
SHEET NUMBER
AS106

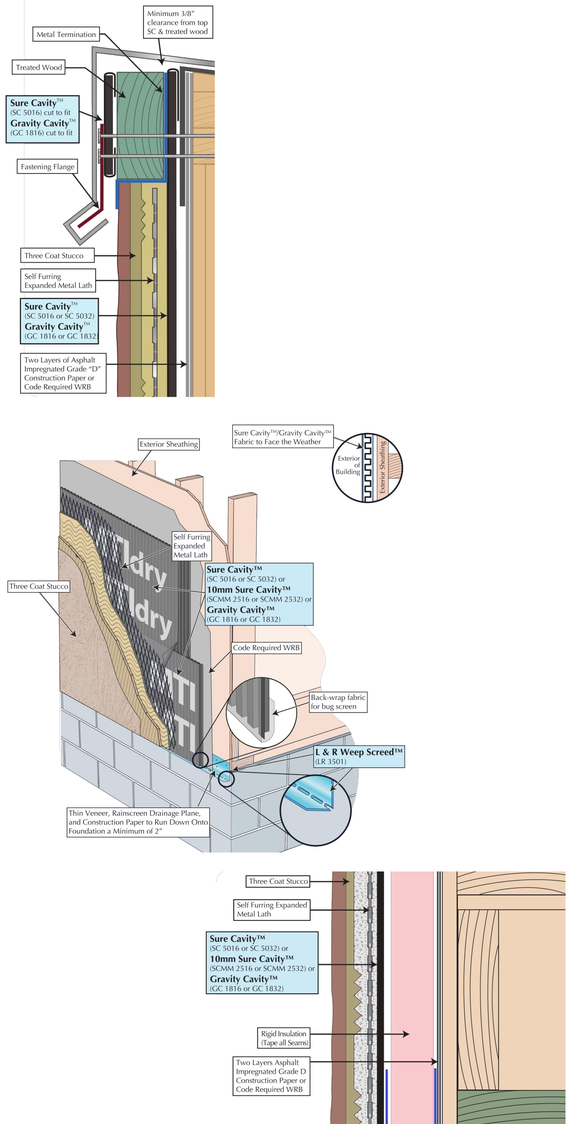
21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:47 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

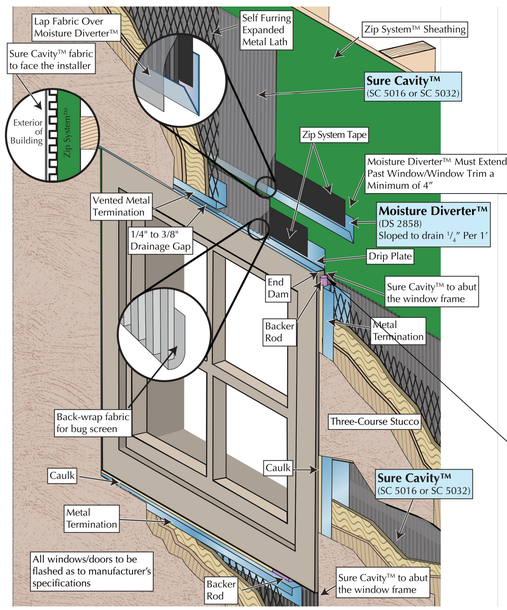


1 PARTIAL LONGITUDINAL SECTION
SCALE: 3/8"=1'-0"





3 SURE CAVITY RAINSCREEN DETAIL
SCALE: NOT TO SCALE



4 SURE CAVITY RAINSCREEN DETAIL - AROUND ACCESS PANEL
SCALE: NOT TO SCALE

2 BLOW-UP DETAIL - SECTION
SCALE: 3/8"=1'-0"

GENERAL NOTES

1. ALL SHEATHING SHALL BE COVERED WITH SELF-ADHERED AIR AND MOISTURE BARRIER. WHERE PLASTER IS INSTALLED, INSTALL ADDITIONAL SURE CAVITY RAINSCREEN OVER SELF-ADHERED AIR AND MOISTURE BARRIER PRIOR TO ATTACHING SELF-FURRING METAL LATH.

KEYNOTES

1. STUCCO WITH ELASTOMERIC COATING (VERIFY COLOR TO MATCH STONEWOOD PEWTER BRUSH 1778-DB / AP-1) WITH 3/8" THICK ZINC TRIM EXPANSION JOINTS (COLOR MATCH)
2. ARCHITECTURAL PANELS, STONEWOOD METROPOLITAN WALNUT 8169-A (AP-2)
3. PREFINISHED METAL COPING WITH CONTINUOUS CLEATS AND DRIP EDGES AT FRONT AND REAR, ALUMINUM FINISH (MT-1) REF. ROOF CONSULTANT'S DRAWINGS
4. METAL PANELS, ALUCOBOND RED FIRE AB077 (MP-1)
5. STEEL BEAM, REF. STRUCTURAL
6. 6" STRUCTURAL STUD. FRAMING, REF. STRUCTURAL FOR SPACING
7. STEEL CHANNEL, REF. STRUCTURAL
8. SELF-ADHERED AIR AND MOISTURE BARRIER
9. ½" EXTERIOR GRADE PLYWOOD SHEATHING
10. ⅝" EXTERIOR GRADE PLYWOOD SHEATHING
11. 3X3 TUBE STEEL, REF. STRUCTURAL
12. 6X6 TUBE STEEL, REF. STRUCTURAL
13. 16 GA. STEEL CLIP ANGLE, REF. STRUCTURAL
14. 2X2X¼" STEEL ANGLE BRACE, REF. STRUCTURAL
15. MEMBRANE ROOFING OVER TAPERED INSUL. OVER METAL DECKING WITH ¼" PER FT. MIN. SLOPE. REF. R2.01
16. SURE CAVITY RAINSCREEN DRAINAGE PLANE, REF. 3/AS107
17. BUILT-UP CRICKET WITH ½" PER FT. MIN. SLOPE. REF. R2.01
18. KYNAR FINISH OVERFLOW SCUPPER. PROVIDE SEALANT AND ENSURE WATERTIGHT INSTALLATION ON ALL SIDES. REF. R2.01
19. STEEL CHANNEL, REF. STRUCTURAL
20. TURN ROOF SYSTEM UP TO WALL AND CAP WITH ALUM. TERMINATION BAR. PROVIDE KYNAR FINISH COUNTER FLASHING FASTENED BEHIND ARCH. WALL PANEL SYSTEM. PROVIDE BLOCKING AT STUD CAVITY AT FLASHING LOCATION. REF. R2.01
21. KYNAR FIN. FLASHING WITH ALUM. TOP TERMINATION BAR INSTALL BEHIND ARCH. WALL SYST. (MATCH MP-1)
22. 3½" STRUCTURAL STUD FRAMING, REF. STRUCTURAL
23. STEEL CHANNEL OUTRIGGER
24. INTERNAL DOWNSPOUT DRAIN
25. STEEL COLUMN, REF. STRUCTURAL
26. DATA CONTROL BOX WITH KEYLOCKING LATCH, FIELD PAINT
27. SEALANT OVER BACKER ROD, TYPICAL
28. 6" H.D. GALVANIZED STEEL PIPE BOLLARD, REF. CIVIL, WITH BOLLARD COVERS, COLOR:CANADIAN GREY
29. (2) 2X2 WINDSTORM RATED ACCESS PANELS FOR ILLUMINATED SIGN SERVICE. LOCATION TO BE COORDINATED WITH SIGN COMPANY AND GENERAL CONTRACTOR. REF. 4/AS107 FOR SURE CAVITY DETAIL AROUND ACCESS PANELS
30. KYNAR COATED TRIM PIECE TO COVER GAPS BETWEEN ADJACENT PANELS, SECURED FROM BEHIND TO 1 PANEL ONLY TO ALLOW MOVEMENT. BRONZE (VERIFY)
31. ASPHALTIC PAPER VAPOR BARRIER OVER SELF-ADHERED AIR AND MOISTURE BARRIE

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ednor Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

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DRIVE-THRU CANOPY BUILDING SECTIONS AND DETAILS

SHEET NUMBER
AS107

21041
PROJECT NUMBER

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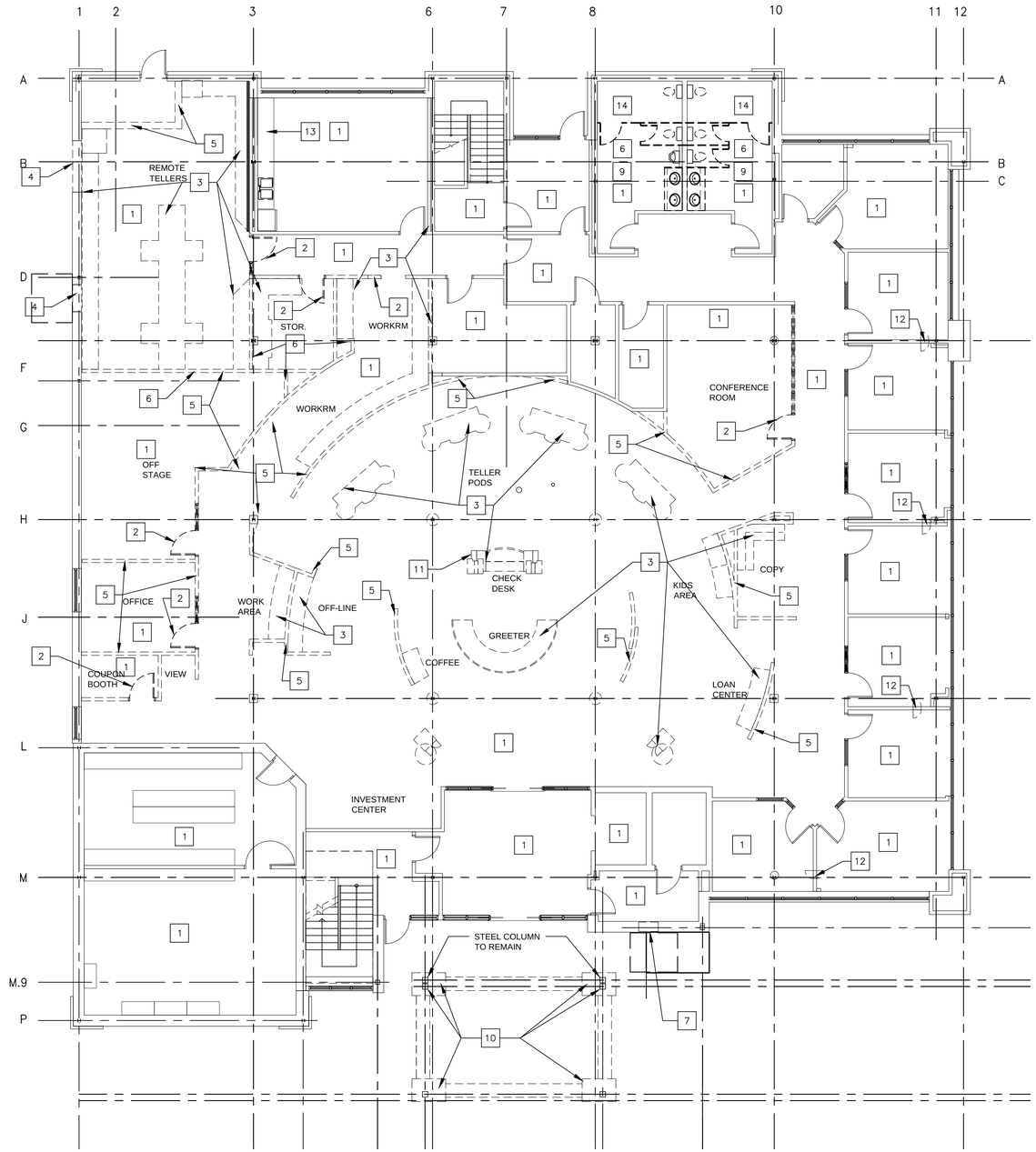
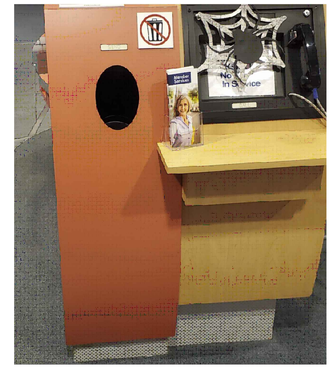


1 FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

CALLED NORTH

DEMOLITION KEYNOTES

1. REMOVE BASE AND FLOOR. PREP SLAB TO RECEIVE FINISHES
2. REMOVE DOOR AND FRAME AND SIDELITE WHERE APPLICABLE
3. REMOVE MILLWORK.
4. SAW CUT OPENING IN MASONRY FOR NEW DOOR AND FRAME. INSTALL GALVANIZED LOOSE LINTEL WITH HOHMANN & BARNARD TEXTROFLASH SELF-ADHERED FLASHING OVER LINTEL, AND PROVIDE WEEPS AT 24" OC MAX. SEE STRUCTURAL FOR LINTEL SCHEDULE.
5. REMOVE PARTITION. PATCH/REPAIR ADJACENT WALLS AND PREPARE TO RECEIVE NEW FINISHES WALLS AND PREP FOR NEW TILE WAINSCOT
6. REMOVE WALL TILE AND BACKER BOARD. REMOVE WALL COVERING FROM DRYWALL PARTITIONS.
7. SAW CUT OPENING IN MASONRY FOR NEW NIGHT DEPOSITORY. INSTALL GALVANIZED LOOSE LINTEL WITH HOHMANN & BARNARD TEXTROFLASH SELF-ADHERED FLASHING OVER LINTEL, AND PROVIDE WEEPS AT 24" OC MAX.
8. REMOVE PORTION OF PARTITION. PATCH/REPAIR ADJACENT WALL TO REMAIN.
9. REMOVE TOILET PARTITION. PATCH/REPAIR WALL WHERE ANCHORS REMOVED.
10. REMOVE ENTIRE CANOPY/TOWER, COLUMN WRAP, WALL INCLUDING ROOF AND STRUCTURAL STEEL(EXCEPT STEEL NOTED TO REMAIN). REF. A600
11. OWNER VENDOR TO REMOVE PNEUMATIC CHUTE AND CUT OFF BELOW FLOOR.CONTRACTOR PATCH CONCRETE. SEE 2/A100
12. OWNER VENDOR TO REMOVE PNEUMATIC CHUTE AND CONTRACTOR TO REMOVE CABINET DOORS AND PATCH GYP BOARD. FINISH TO MATCH ADJACENT SURFACE. SEE 3/A100
13. REMOVE COUNTERTOP. CABINET TO REMAIN
14. REMOVE VANITY AND REPLACE WITH NEW. REMOVE TOILET ACCESSORIES INCLUDING TOILET PARTITIONS. PAPER TOWEL DISPENSER TO BE REMOVED AND REINSTALLED. URINAL FLUSH VALVES TO BE REMOVED AND REINSTALLED. ALL OTHER PLUMBING FIXTURES TO BE REMOVED AND DISPOSED OF.



2 CABINET PNEUMATIC SHUTE
SCALE: N.T.S.

3 WALL PNEUMATIC CHUTE
SCALE: N.T.S.

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Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-7745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architecturalt.com

REGISTERED ARCHITECT JAMES R. CLARK 8217 STATE OF TEXAS
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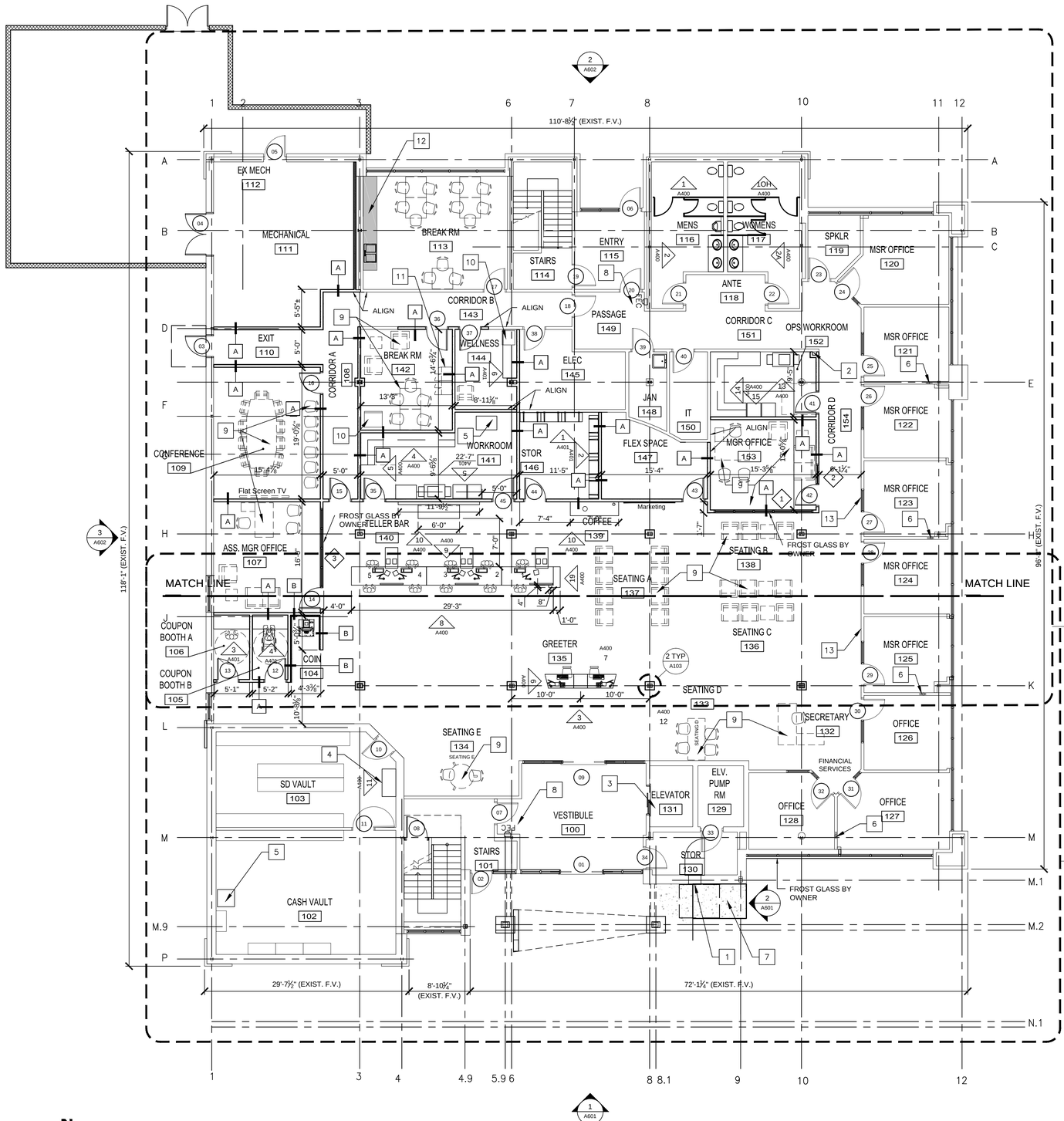
DRAWINGS SHEET TITLE
FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER
A100

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:48 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



CALLED NORTH

1 FIRST FLOOR NEW CONSTRUCTION PLAN

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

NEW CONSTRUCTION KEYNOTES

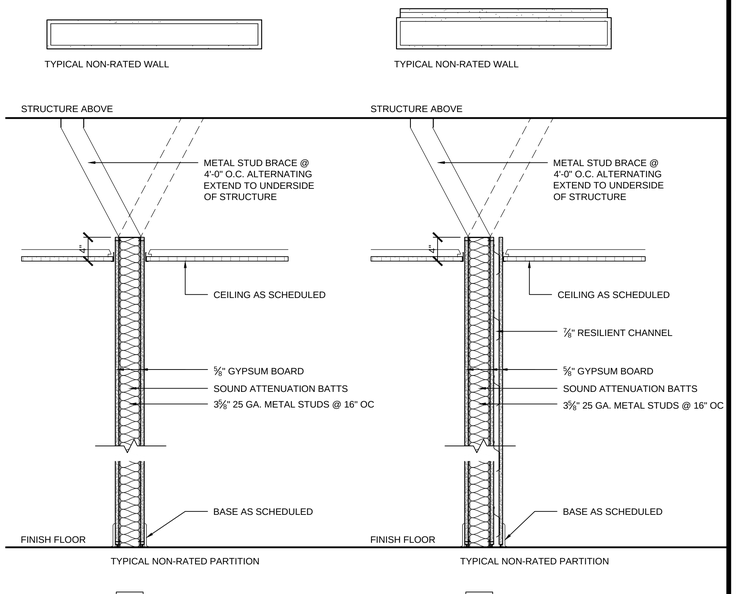
1. NIGHT DEPOSITORY, OWNER FURNISHED CONTRACTOR INSTALLED
2. RELOCATE EXISTING PNEUMATIC CHUTE CONNECTING TO EXISTING PNEUMATIC TUBE IN CALL CENTER ON 2F BY OWNER VENDOR. COORDINATE WITH GENERAL CONTRACTOR MILLWORK DEMO, WALL REPAIR AND FINISH.
3. EXISTING ELEVATOR TO BE REFURBISHED
4. NEW PLASTIC LAMINATE CABINET 36"W X 78"H X 18"D WITH LOCKING FRONT DOORS AND (6) ADJUSTABLE SHELVES
5. STEEL SAFE OWNER FURNISHED CONTRACTOR INSTALLED
6. CONTRACTOR PATCH GYP BD . FINISH TO MATCH ADJ. SURFACE. PAINT TO MATCH NEW. WHERE OWNER VENDOR HAS REMOVED PNEUMATIC CHUTE.
7. NEW CONCRETE PAVEMENT FOR NEW NIGHT DEPOSITORY BOX, REF. CIVIL
8. EXISTING FIRE EXTINGUISHING CABINET TO REMAIN.
9. CHAIRS, DESK, TABLES AND OTHER FIXTURES FURNITURE AND EQUIPMENT SHOWN DASHED BY OWNER, NOT IN CONTRACT.
10. REFRIGERATOR BY OWNER. NOT IN CONTRACT.
11. LOCKERS BY OWNER. NOT IN CONTRACT.
12. NEW SOLID SURFACE COUNTERTOP ON EXISTING CABINETS
13. EXTEND DRYWALLS FROM 8'-0" TO 9'-0" WHERE LOW GYPSUM BOARD CEILING IS REMOVED.

INTERIOR STUD SCHEDULE

STUD DEPTH	STUD SPACING	STUD GAUGE	HEIGHT LIMIT
1⅝" 1⅞"	16" 16"	25 20	9'-6" 9'-6"
2½" 2½"	16" 16"	25 20	12'-6" 14'-0"
3⅝" 3⅝"	16" 16"	25 20	14-0" 18'-3"
4" 4"	16" 16"	25 20	17-3" 19'-6"
6" 6"	16" 16"	25 20	23-0" 26'-6"

STUD SECTIONS AND HEIGHT LIMITS ARE BASED ON U.S. GYPSUM PRODUCT DATA. "C" STUDS MAY BE TYPE "ST" OR "SJ". HEIGHT LIMIT IS FOR A TYPICAL CASE WITH STUDS 16" ON CENTER, 1 LAYER GYPSUM WALL BOARD EACH SIDE, A 5 PSF LIVE LOAD ACTING NORMAL TO THE FACE OF THE PARTITION AND A DEFLECTION LIMIT OF 1/240 OF THE UNBRACED HEIGHT. REFER TO U.S. GYPSUM PRODUCT DATA FOR OTHER CONDITIONS.

1. PARTITION TYPES DRAWINGS NOT TO SCALE
2. WALLS AND PARTITIONS ARE INTERIOR NON-BEARING SYSTEMS AND ARE NOT REQUIRED OR INTENDED TO RESIST WIND LOADS OR SUPPORT FLOOR LOADS.
3. PARTITIONS ARE CONTINUOUS ACROSS DOORWAYS, OPENINGS AND ABUTTING PARTITIONS. A TAG SHOWN IN ONE SEGMENT OF A PARTITION APPLIES TO ALL UNMARKED SEGMENTS THAT ARE IN LINE WITH AND CONTINUOUS WITH THE TAGGED SEGMENT.
4. RATED WALLS AND PARTITIONS EXTEND THRU THE CEILING TO THE STRUCTURE OVER. PARTITIONS SHALL EXTEND TO THE DECK AND BE PROFILED TO FIT NEATLY AROUND FRAMING MEMBERS WITHIN ½". JOINTS TO BE SEALED ALONG THE ENTIRE LENGTH. PORTIONS OF THE PARTITIONS ABOVE THE CEILING ARE CONTINUOUS, WITHOUT OPENINGS OTHER THAN THOSE REQUIRED FOR PENETRATION OF SERVICES.
5. WHERE WALLS OR PARTITIONS WITH DISSIMILAR RATINGS INTERSECT, ASSEMBLIES WITH THE HIGHER RATINGS HAVE PRIORITY. SMOKE PARTITIONS HAVE PRIORITY OVER FIRE PARTITIONS WITH EQUAL RATING. FIRE RATINGS HAVE PRIORITY OVER ACOUSTIC RATINGS. CONSTRUCT PARTITION SUCH THAT THE HIGHER RATED ASSEMBLY IS CONTINUOUS THRU THE INTERSECTION.



A — ALL PARTITIONS ARE TYPE "A" UNLESS NOTED OTHERWISE

B — SOUND PARTITION

2 PARTITION TYPES

SCALE: 1" = 1'-0"

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350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

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DRAWINGS SHEET TITLE
FIRST FLOOR NEW CONSTRUCTION PLAN

SHEET NUMBER
A101

21041
PROJECT NUMBER

SAVED: LEOT
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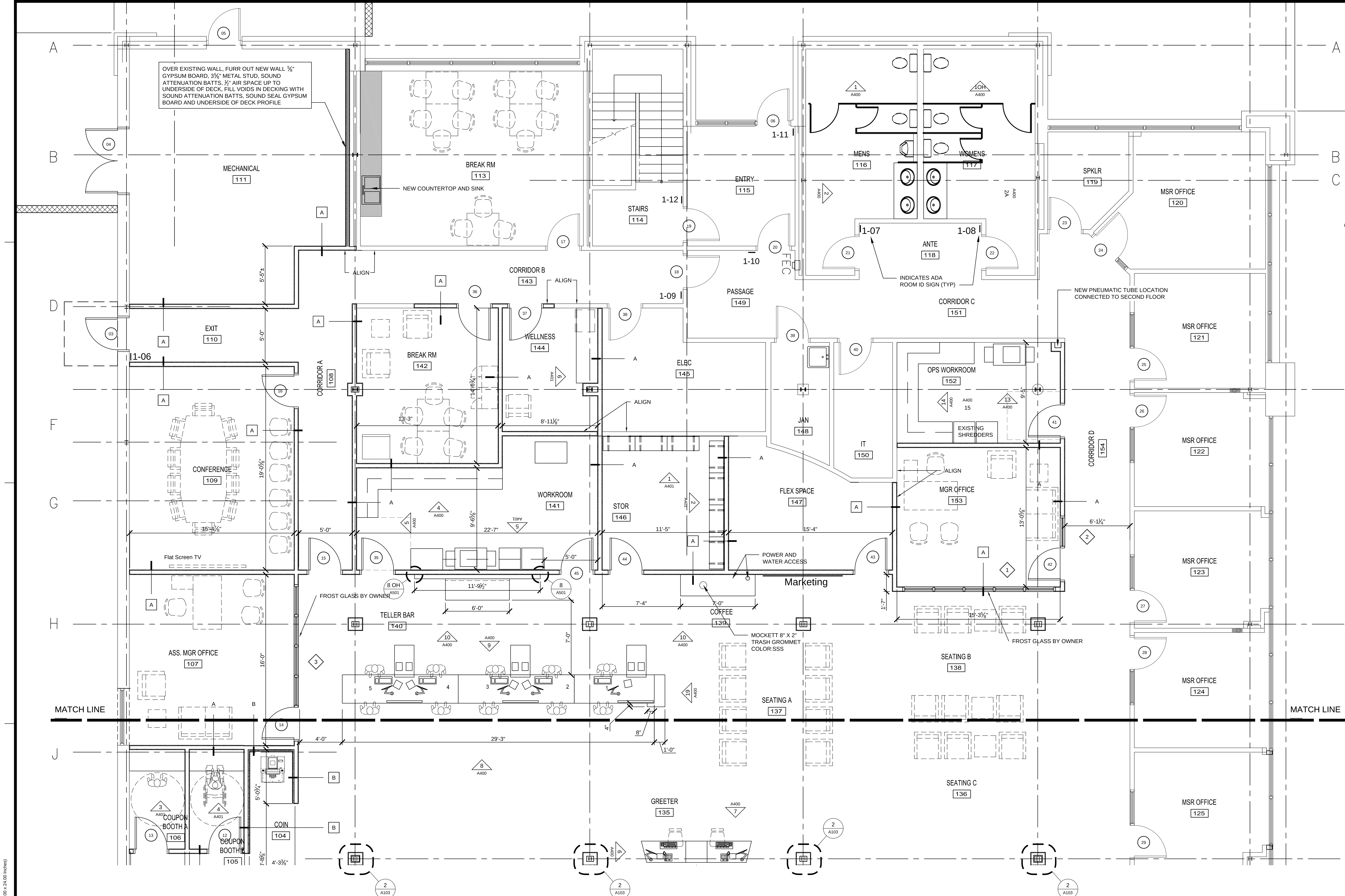

OVER EXISTING WALL, FURR OUT NEW WALL 5/8" GYPSUM BOARD, 3 5/8" METAL STUD, SOUND ATTENUATION BATTS, 1/2" AIR SPACE UP TO UNDERSIDE OF DECK, FILL VOIDS IN DECKING WITH SOUND ATTENUATION BATTS, SOUND SEAL GYPSUM BOARD AND UNDERSIDE OF DECK PROFILE
MECHANICAL 111
BREAK RM 113
NEW COUNTERTOP AND SINK
STAIRS 114
ENTRY 115
MENS 116
WOMENS 117
ANTE 118
SPKLR 119
MSR OFFICE 120
CORRIDOR B 143
INDICATES ADA ROOM ID SIGN (TYP)
PASSAGE 149
CORRIDOR C 151
NEW PNEUMATIC TUBE LOCATION CONNECTED TO SECOND FLOOR
EXIT 110
CORRIDOR A 108
BREAK RM 142
WELLNESS 144
ELEC 145
OPS WORKROOM 152
MSR OFFICE 121
EXISTING SHREDDERS
JAN 148
IT 150
CORRIDOR D 154
MSR OFFICE 122
CONFERENCE 109
WORKROOM 141
STOR 146
FLEX SPACE 147
MGR OFFICE 153
MSR OFFICE 123
Flat Screen TV
POWER AND WATER ACCESS
Marketing
FROST GLASS BY OWNER
TELLER BAR T40
COFFEE 139
MOCKETT 8" X 2" TRASH GROMMET COLOR:SSS
ASS. MGR OFFICE 107
SEATING B 138
SEATING A 137
MSR OFFICE 124
MATCH LINE
SEATING C 136
GREETER 135
COIN 104
COUPON BOOTH A 106
COUPON BOOTH 105
MSR OFFICE 125
1-06
1-07
1-08
1-09
1-10
1-11
1-12

FIRST FLOOR ENLARGED FLOOR PLAN

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

CALLED NORTH

1-XX	INDICATES ADA REQUIRED EXIT AND ROOM IDENTIFICATION SIGNAGE

NOTE

1. RE-LAMINATE ALL WINDOW SILLS WITH PL-3
2. SEE SHEET A103 FOR SIGNAGE SCHEDULE FLOOR 1
3. SEE SHEET A111 FOR SIGNAGE SCHEDULE FLOOR 2 AND SIGN DETAILS

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FIRST FLOOR ENLARGED FLOOR PLAN

SHEET NUMBER
A102

21041
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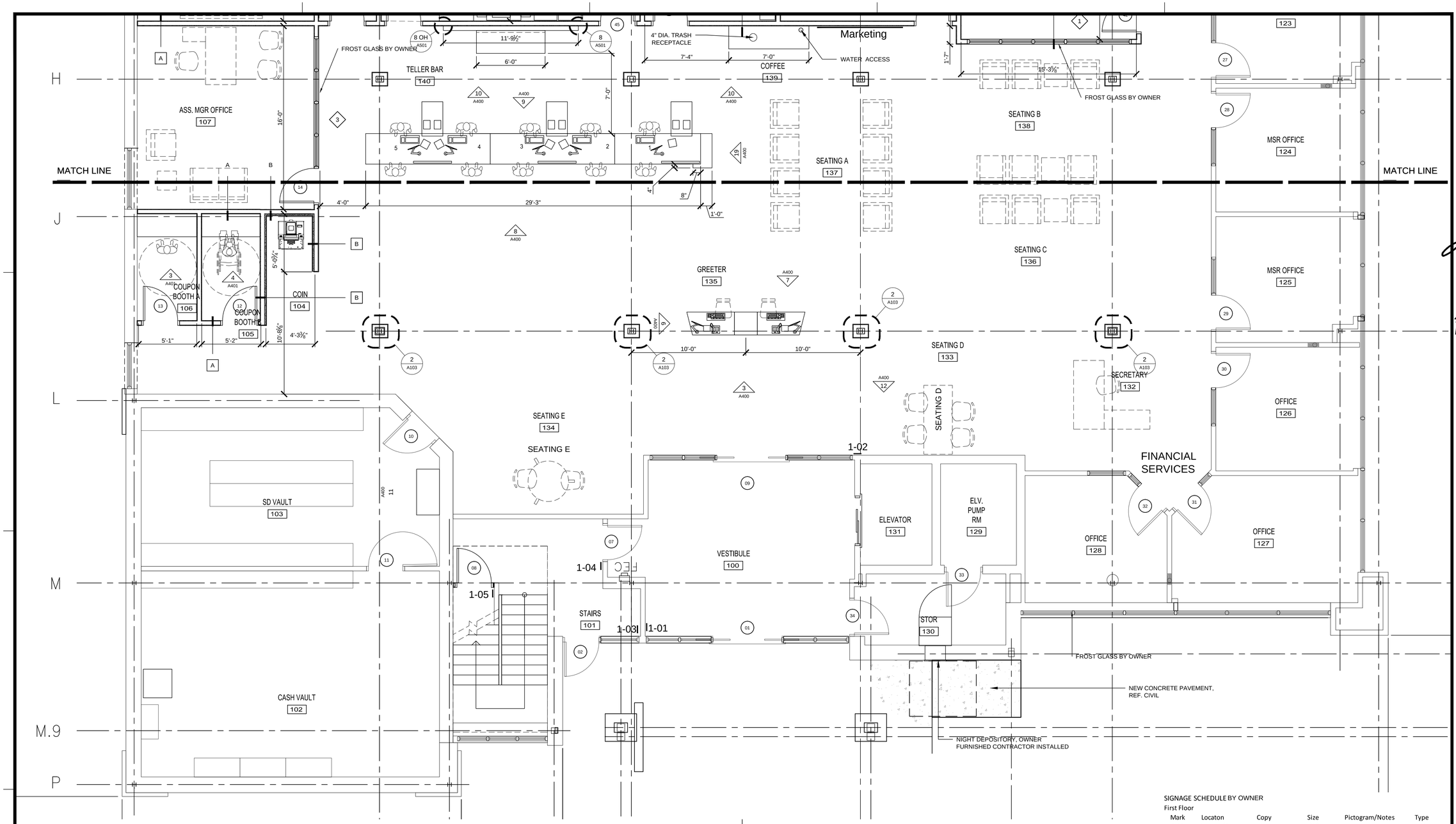

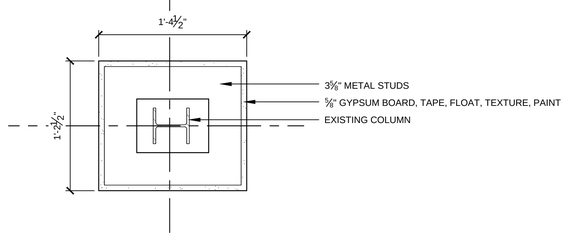

SIGNAGE SCHEDULE BY OWNER

First Floor

Mark	Locaton		Copy	Size	Pictogram/Notes	Type
1-01	Door	01	EXIT	8X8		C
1-02	Door	09	EXIT	8X8		C
1-03	Door	02	EXIT	8X8		C
1-04	Door	07	EXIT	8X8		C
1-05	Door	08	EXIT	8X8		C
1-06	Door	03	EXIT	8X8		C
1-07	Door	21	PUBLIC WOMENS	8X8	WOMEN/WHEELCHAIR	A
1-08	Door	22	PUBLIC MEN	8X8	MEN/WHEELCHAIR	B
1-09	Door	18	EXIT	8X8		C
1-10	Door	20	EXIT	8X8		C
1-11	Door	06	EXIT	8X8		C
1-12	Door	19	EXIT	8X8		C

1-XX INDICATES ADA REQUIRED EXIT AND ROOM IDENTIFICATION SIGNAGE

NOTE
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3. SEE SHEET A111 FOR SIGNAGE SCHEDULE FLOOR 2 AND SIGN DETAILS

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1 FIRST FLOOR ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"

2 COLUMN (TYP)
SCALE: 1 1/2" = 1'-0"

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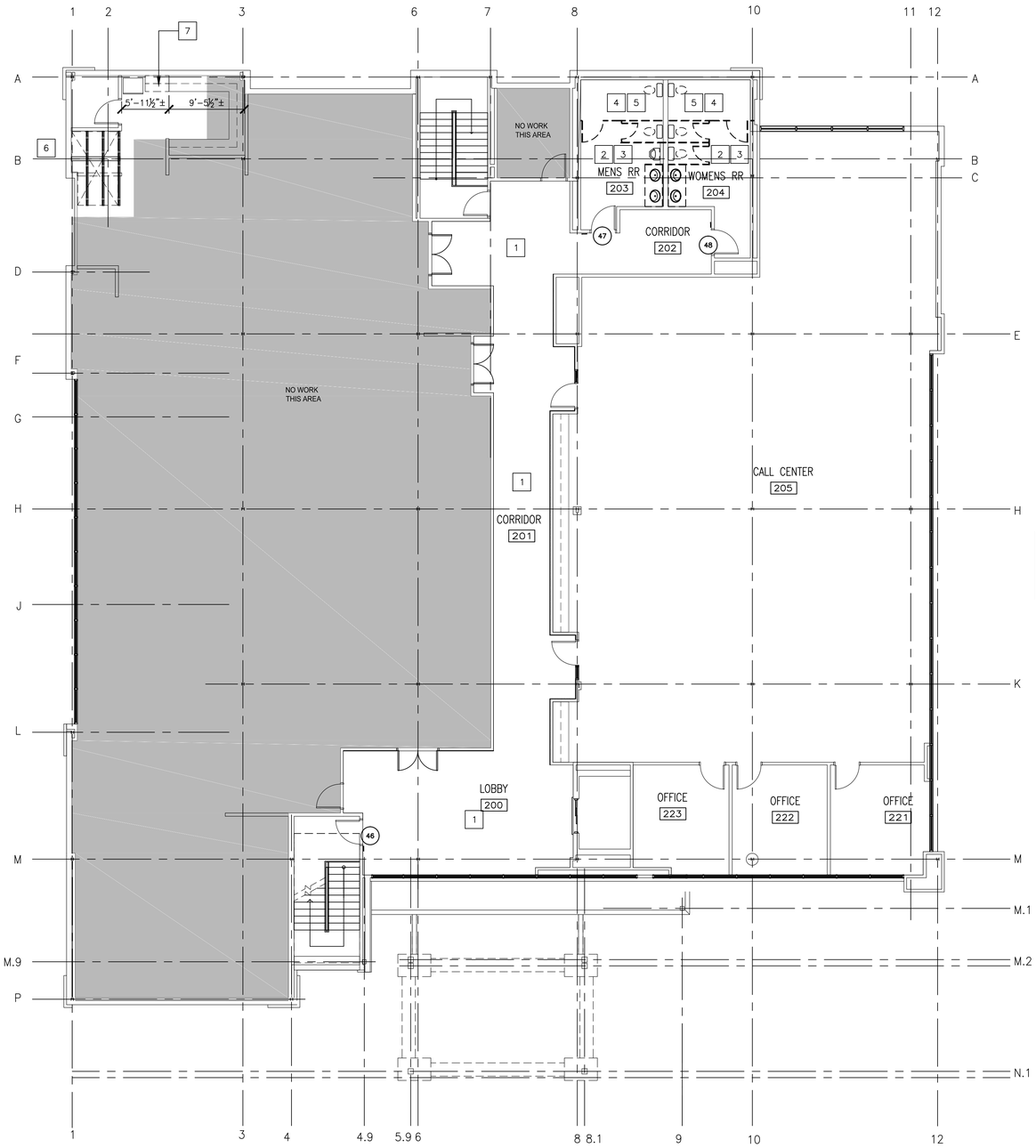

CALL CENTER - 205 WILL BE OPERATIONAL WITH NO CONSTRUCTION BETWEEN 8:00 AM TO 5:30 AM, MONDAY TO FRIDAY. ANY WEEKEND WORK MUST HAVE THIS AREA OPERATIONAL AND CLEAN FOR MONDAY 8:00 AM WITHOUT EXCEPTION

CALLED NORTH

1 SECOND FLOOR DEMOLITION PLAN

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

DEMOLITION KEYNOTES

1. REMOVE BASE AND FLOOR. PREP SLAB TO RECEIVE TO FINISHES
2. REMOVE TILE FROM PARTITION. PREP FOR NEW TILE WAINSCOT
3. REMOVE TOILET PARTITION
4. REMOVE TILE FLOORING AND BASE
5. REMOVE EXISTING COUNTERTOP, MILLWORK AND SUPPORTS, TOILET ACCESSORIES (EXCEPT PAPER TOWEL DISPENSER), ALL TOILET FIXTURES (EXISTING URINAL FLUSH VALVE TO BE REUSED AT MEN'S ROOM).
6. DEMO PORTION OF FLOOR FOR VERTICAL DUCT RUN, REF. MECHANICAL
7. DEMO PORTION OF EXISTING UPPER AND BASE CABINET FOR RELOCATED REFRIGERATOR AND ICE MACHINE

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REGISTERED ARCHITECT JAMES R. CLARK 8212 STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT RONALD M. JONES 13662 STATE OF TEXAS
4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

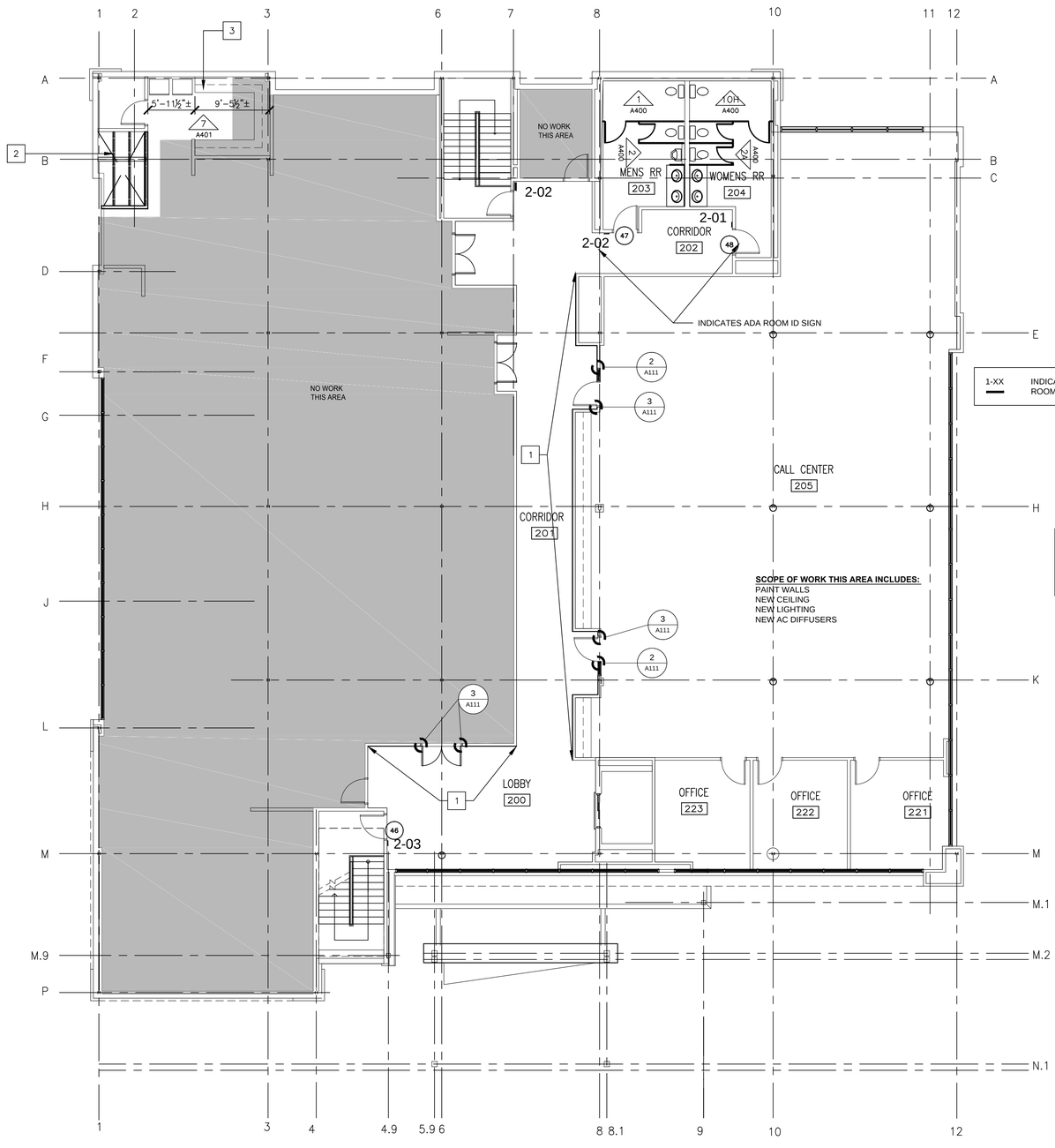
ISSUED FOR
SCHEMATIC DESIGN X
DATE: 9/7/2021
DESIGN DEVELOPMENT X
DATE: 3/1/2022
BIDS & CONSTRUCTION X
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
SECOND FLOOR DEMOLITION PLAN

SHEET NUMBER
A110

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:48 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



1 SECOND FLOOR NEW CONSTRUCTION PLAN
SCALE: 1/8" = 1'-0"

CALLED NORTH

1-XX INDICATES ADA REQUIRED EXIT AND ROOM IDENTIFICATION SIGNAGE

SCOPE OF WORK THIS AREA INCLUDES:
PAINT WALLS
NEW CEILING
NEW LIGHTING
NEW AC DIFFUSERS

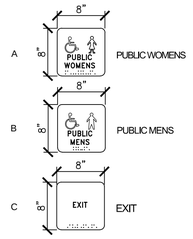
CALL CENTER - 205 WILL BE OPERATIONAL WITH NO CONSTRUCTION BETWEEN 8:00 AM TO 5:30 AM, MONDAY TO FRIDAY. ANY WEEKEND WORK MUST HAVE THIS AREA OPERATIONAL AND CLEAN FOR MONDAY 8:00 AM WITHOUT EXCEPTION

SIGNAGE SCHEDULE BY OWNER
Second Floor

2-01	Door	48	PUBLIC WOMENS	8X8	WOMEN/WHEELCHAIR	A
2-02	Door	47	PUBLIC MEN	8X8	MEN/WHEELCHAIR	B
2-03	Door	46	EXIT	8X8		C
2-04	Door	49	EXIT	8X8		C

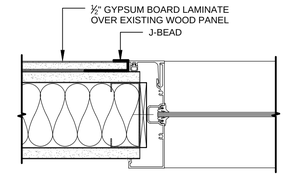
NOTE
1. RE-LAMINATE ALL WINDOW SILLS WITH PL-3
2. SEE SHEET A103 FOR SIGNAGE SCHEDULE FLOOR 1
3. SEE SHEET A111 FOR SIGNAGE DETAILS SCHEDULE FLOOR 2 AND SIGN DETAILS

SIGN LEGEND

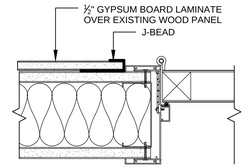


KEYNOTES

1. NEW ½" GYP BD. LAMINATED OVER EXISTING WOOD PANELING
2. NEW DRYWALL TO MATCH ADJACENT UP TO CEILING, ENCLOSING OLD REFRIGERATOR NOOK TO CREATE HVAC CHASE, REF. MECHANICAL
3. MODIFY EXISTING CABINETS FOR RELOCATED REFRIGERATOR AND ICE MACHINE



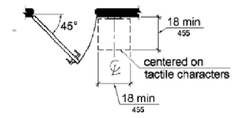
2 WINDOW FRAME DETAIL
SCALE: 3" = 1'-0"



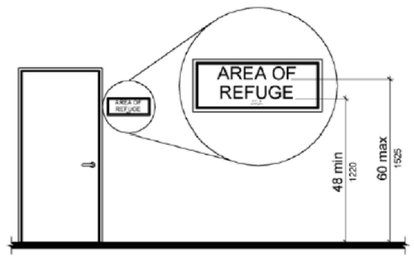
3 DOOR FRAME DETAIL
SCALE: 3" = 1'-0"

SIGNAGE GENERAL NOTES

1. VERIFY ALL SIGNAGE WITH OWNER/ARCHITECT.
2. ALL ROOM SIGNAGE TO BE MOUNTED 4'-0" MIN TO BOTTOM OF TACTILE CHARACTERS ABOVE FINISH FLOOR TO ADA STANDARD AS DIRECTED BY ARCHITECT.
3. ALL ROOM SIGNAGE TO BE MOUNTED WITH A CLEAR FLOOR SPACE OF 18"MINX18"MIN CENTERLINE OF TACTILE CHARACTERS, BEYOND THE ARC OF THE DOOR SWING TO ADA STANDARD AS DIRECTED BY ARCHITECT.
4. ALL TEXT AND COLORS TO BE VERIFIED PRIOR TO PREPARATION OF SHOP DRAWINGS.
5. PROVIDE SCALED LAYOUT OF ALL SIGNAGE.
6. BRAILLE TEXT SHOWN FOR GRAPHIC REPRESENTATION PURPOSES ONLY, VERIFY CORRECT TEXT.



2 SIGNAGE
SCALE:N.T.S.



3 SIGNAGE
SCALE:N.T.S.

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ednoo Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
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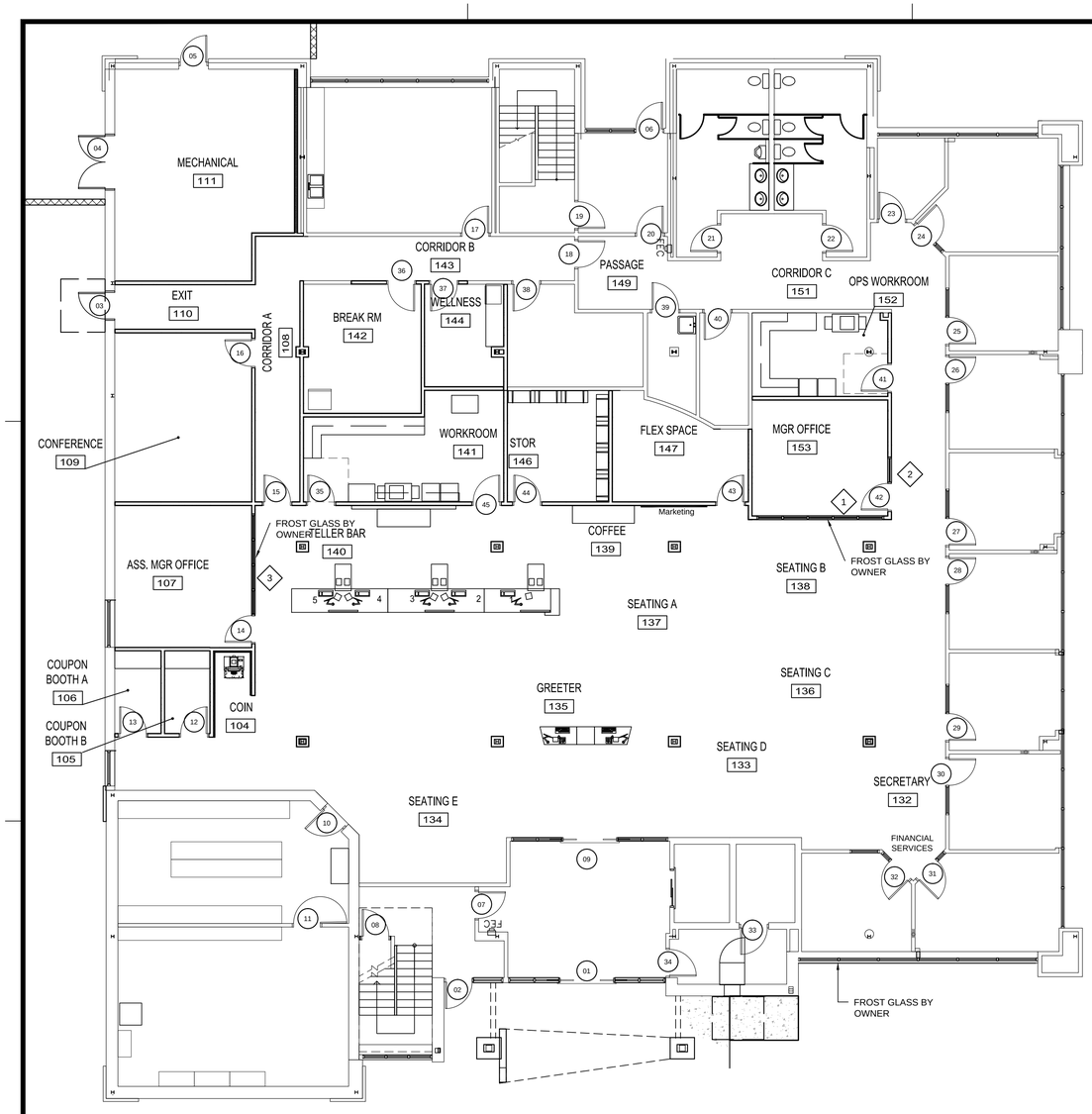
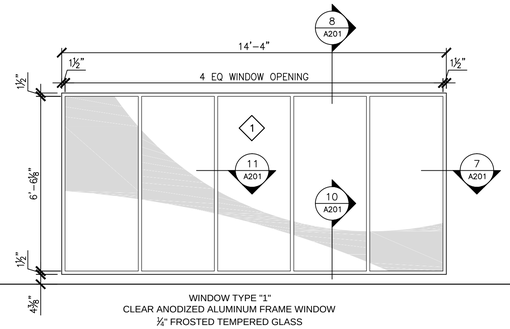


DOOR AND FRAME SCHEDULE

DOOR NUMBER	DOOR TYPE	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR MATERIAL	VISION PANEL	FRAME MATERIAL	WALL THICKNESS	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	HARDWARE: HD SS BB HINGE	CONTINUOUS HINGE	RIM EXIT DEV	REMOVABLE MULLION	VERT ROD EXIT DEV	COORDINATOR	HEAD/FOOT BOLT	ASTRAGAL	CYLINDER LOCK	ENTRANCE LOCK	OFFICE LOCKSET	INTRUDER LOCK	PASSAGE SET	BARN DOOR HANDLE	TLT INDICATOR PRIVACY	STORAGE SET	ELECTRIC STRIKE	PROX CARD READ	PUSH BUTTON LOCK	PULL PLATE	PUSH PLATE	ADA CLOSER	FLOOR STOP	WALL STOP	OVERHEAD STOP	SOUND STRIP	WEATHERSTRIPPING	THRESHOLD	SWEEP	HEAD DRIP	AUTO DOOR BOTTOM	DOOR SENSOR	MAG KEY OVERRIDE	FIRE RATING LABEL (MIN)	NOTES	DOOR NUMBER
1	EX	6'-0"	6'-8"	1 1/4"	---	---	---	5"	---	---	---																																	--	REFURB EXIST./ALT.#1	1
2	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	2
3	D	3'-0"	7'-0"	1 3/4"	HM	NO	HM	1"-1 3/16"	1/A201	2/A201	3/A201	X		X							X						X	X				X			X		X	X	X	X				--	ACCESS CONTROL	3
4	E	6'-0"	7'-0"	1 3/4"	HM	NO	HM	1"-1 3/16"	1/A201	2/A201	3/A201	X						X			X														X		X	X	X	X				--		4
5	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	5
6	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING, ACCESS CONTROL	6
7	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	45	EXISTING, ACCESS CONTROL	7
8	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X															X							X		X								--		8
9	EX	6'-0"	6'-8"	1 1/4"	---	---	---	5"	---	---	---																																	--	REFURB EXIST./ALT.#1	9
10	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING, ACCESS CONTROL	10
11	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING, ACCESS CONTROL	11
12	C	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201												X											X		X		X						--		12
13	C	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201												X											X		X		X						--		13
14	B	3'-0"	7'-0"	1 3/4"	SC	YES	AL	5"	---	---	---	X										X											X		X		X						--		14
15	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X										X						X	X				X		X									--	ACCESS CONTROL	15
16	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X										X						X					X		X		X						--		16
17	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	17
18	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING, ACCESS CONTROL	18
19	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	45	EXISTING, ACCESS CONTROL	19
20	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	20
21	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	21
22	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	22
23	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	23
24	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	24
25	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	25
26	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	26
27	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	27
28	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	28
29	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	29
30	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	30
31	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	31
32	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	32
33	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	33
34	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																	X	X															--	EXIST. ADD NEW ACC. CTRL	34
35	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X																X	X				X		X									--	ACCESS CONTROL	35
36	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X												X												X									--		36
37	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X														X								X		X		X						--		37
38	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	38
39	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING TO REMAIN	39
40	EX	3'-0"	7'-0"	1 3/4"	---	---	---	5"	---	---	---																																	--	EXISTING, ACCESS CONTROL	40
41	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X																	X	X						X									--	ACCESS CONTROL	41
42	F	3'-0"	7'-0"	1 3/4"	SC	YES	AL	5"	---	---	---	X										X												X			X							--		42
43	C	3'-0"	7'-0"	1 3/4"	SC	YES	AL	5"	4/A201	5/A201	6/A201	X										X														X									--		43
44	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X																	X	X						X									--	ACCESS CONTROL, STORAGE	44
45	A	3'-0"	7'-0"	1 3/4"	SC	NO	AL	5"	4/A201	5/A201	6/A201	X																	X	X						X									--	ACCESS CONTROL	45

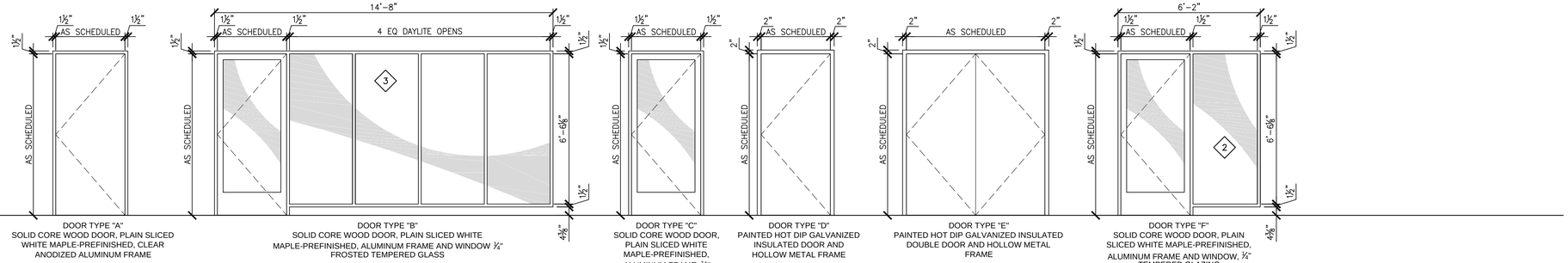


WINDOW TYPE "1"
CLEAR ANODIZED ALUMINUM FRAME WINDOW
¼" FROSTED TEMPERED GLASS

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

CALLED NORTH

1 DOOR AND WINDOW SCHEDULE AND TYPES
SCALE: 1/8" = 1'-0"



2 DOOR TYPES
SCALE: 3/8" = 1'-0"

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DRAWINGS SHEET TITLE
DOOR AND WINDOW SCHEDULE AND TYPES

SHEET NUMBER
A200

21041
PROJECT NUMBER

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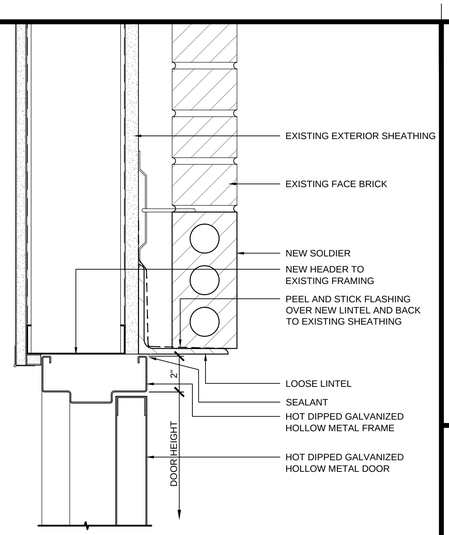
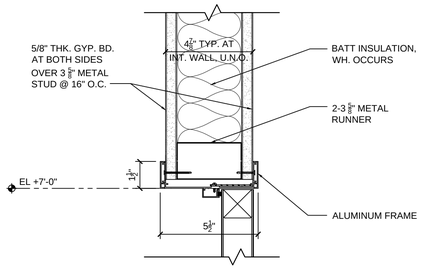
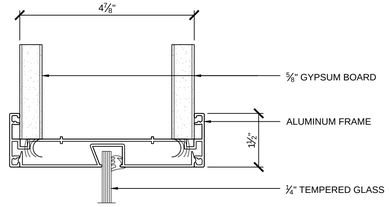


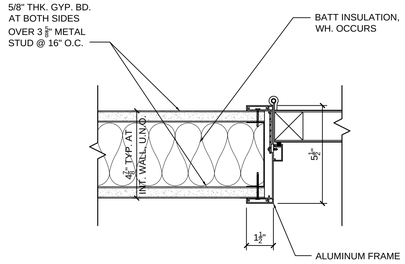
1 DOOR HEAD
SCALE: 3" = 1'-0"



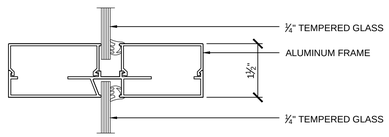
4 DOOR HEAD
SCALE: 3" = 1'-0"



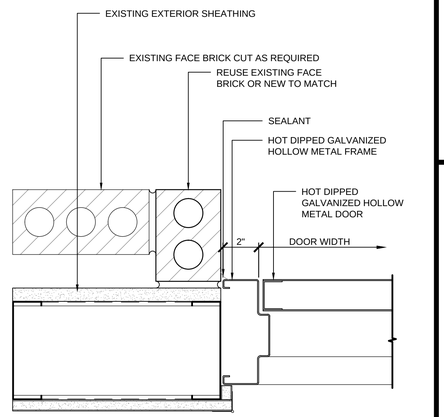
8 WINDOW HEAD
SCALE: 6" = 1'-0"



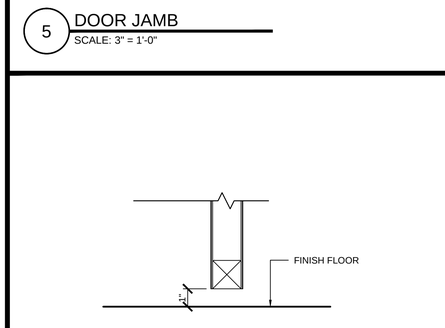
5 DOOR JAMB
SCALE: 3" = 1'-0"



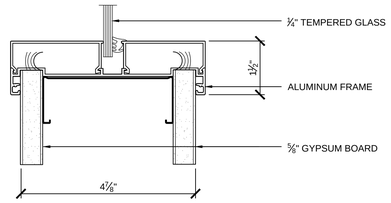
9 WINDOW HORIZONTAL
SCALE: 6" = 1'-0"



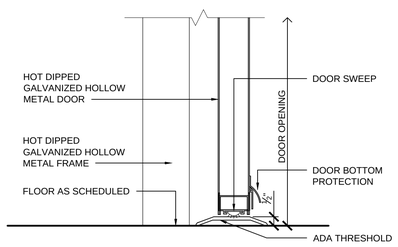
2 DOOR JAMB
SCALE: 3" = 1'-0"



6 DOOR SILL
SCALE: 3" = 1'-0"



10 WINDOW SILL
SCALE: 6" = 1'-0"



3 DOOR SILL
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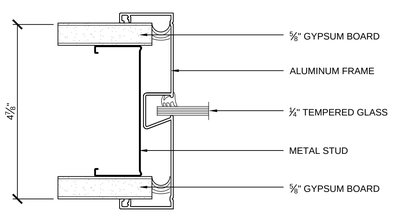
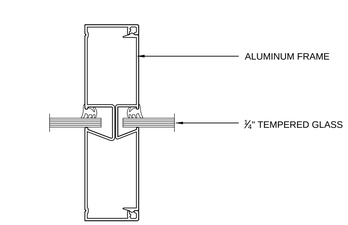


7 WINDOW JAMB
SCALE: 6" = 1'-0"



11 WINDOW VERTICAL
SCALE: 6" = 1'-0"

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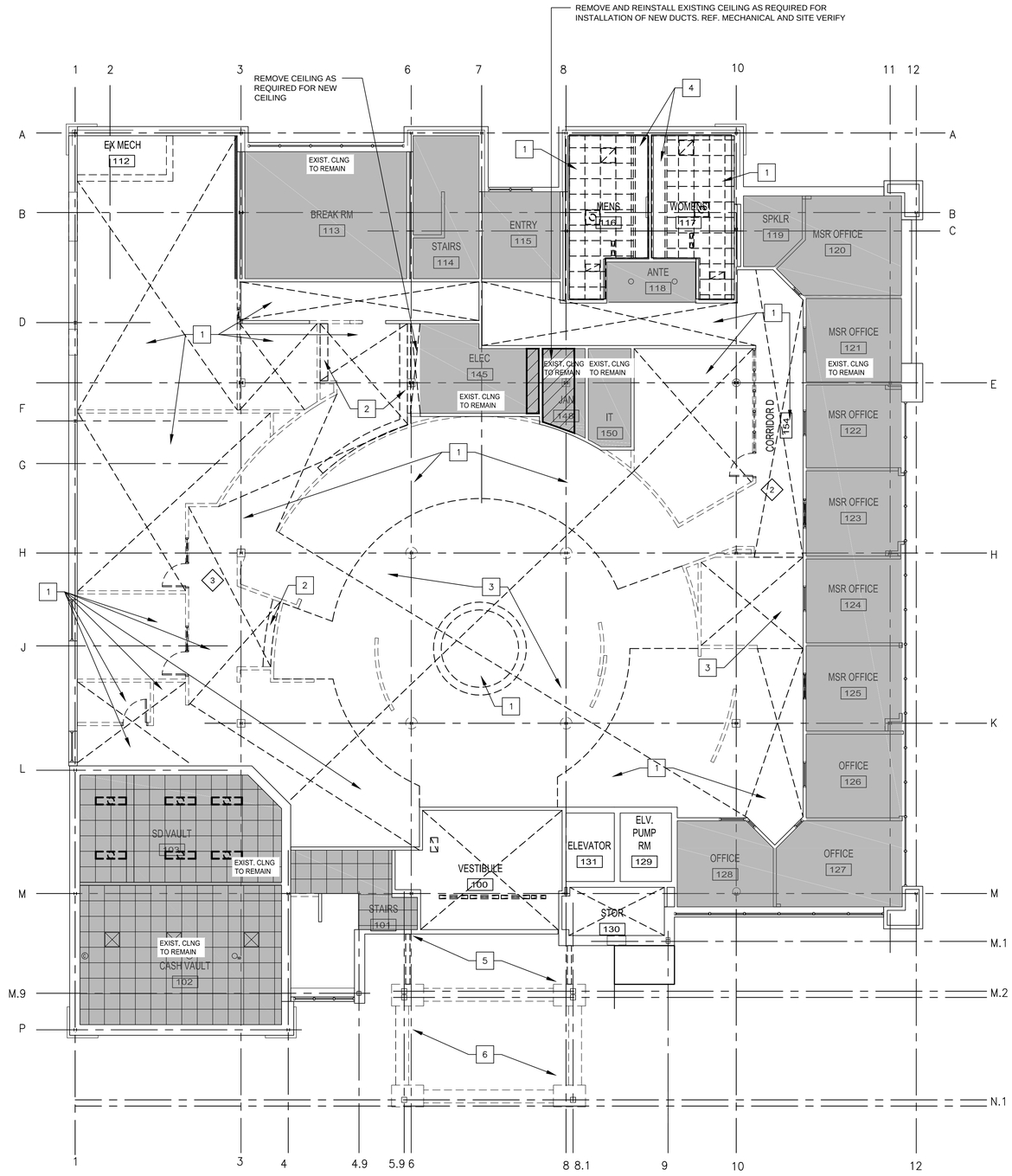


DEMOLITION CEILING KEYNOTES

1. REMOVE CEILING TILE AND GRID, MECH. GRILLES, AND ELEC.
2. REMOVE GYPSUM BOARD FURR DOWN.
3. REMOVE GYP BOARD CEILING. MECHANICAL GRILLES AND ELEC.
4. REMOVE LIGHT BOX
5. REMOVE EXISTING PLASTER SOFFIT AND FRAMING
6. REMOVE TOWER

LEGEND

- EXISTING GYP BD
- 2X2 ACOUSTICAL CEILING TO BE REMOVED
- RETURN TO BE REMOVED
- EXHAUST TO BE REMOVED
- A/C SUPPLY TO REMAIN
- A/C SUPPLY TO BE REMOVED
- FLUORESCENT LIGHT TO BE REMOVED
- LIGHT BOX TO BE REMOVED
- RECESSED LIGHT TO REMAIN
- RECESSED LIGHT TO BE REMOVED
- 2"X2" LIGHT TO BE REMOVED

CALLED NORTH

1 FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

Architectural Alliance Incorporated
339 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

REGISTERED ARCHITECT JAMES R. CLARK 8212 STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT RONALD M. JONES 13662 STATE OF TEXAS
4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
Port Arthur, TX 77642
4401 Hwy 73

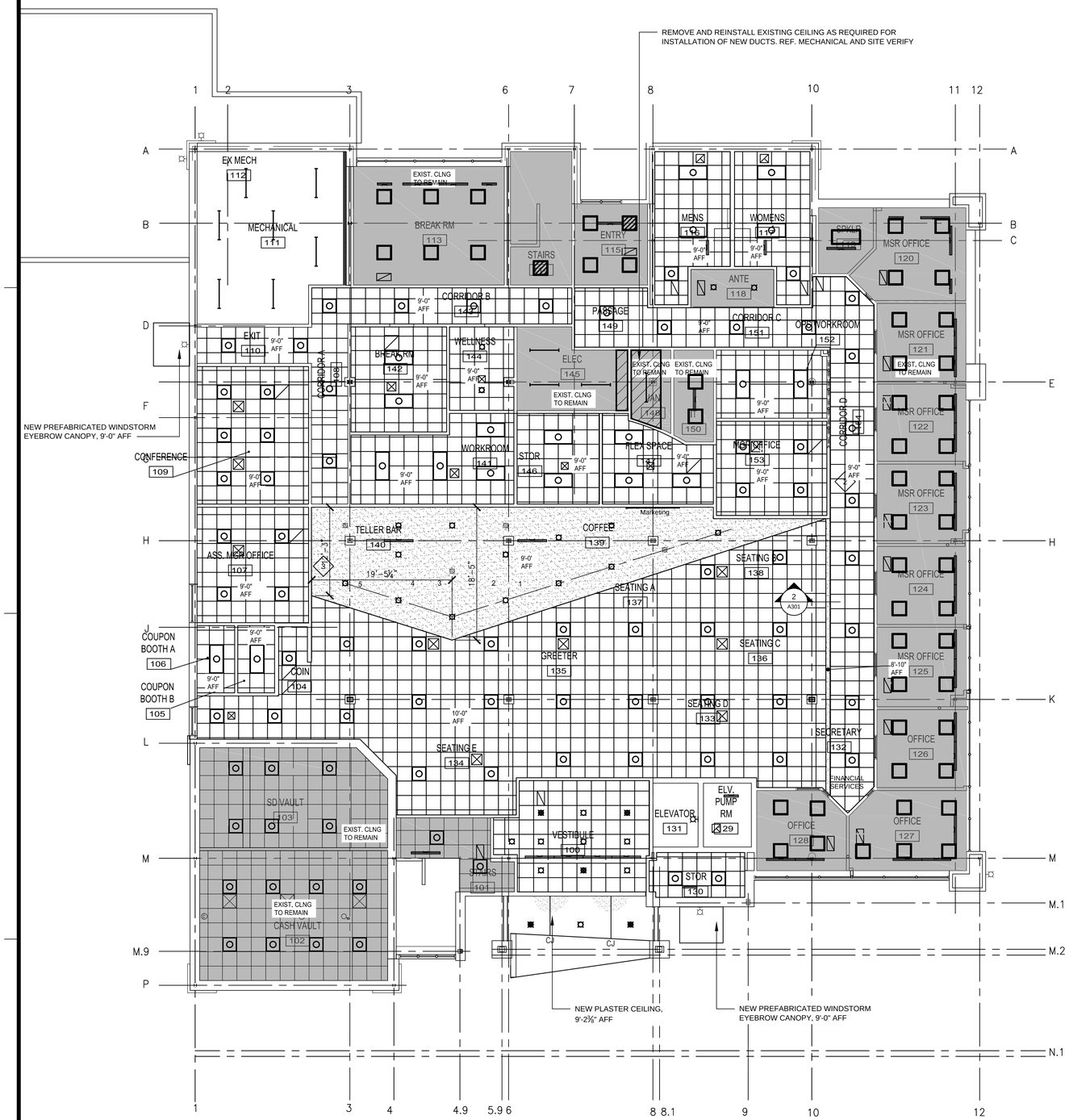
ISSUED FOR
SCHEMATIC DESIGN X
DATE: 9/7/2021
DESIGN DEVELOPMENT X
DATE: 3/1/2022
BIDS & CONSTRUCTION X
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN

SHEET NUMBER
A300

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:49 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

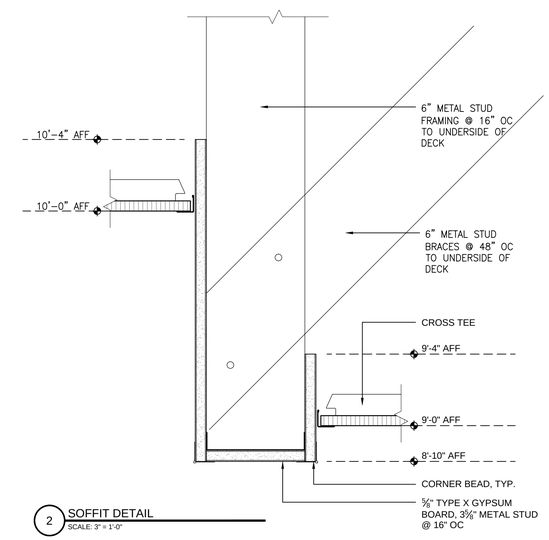


1 FIRST FLOOR NEW REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

CALLED NORTH

LEGEND

- EXISTING GYP BD
- NEW GYP BD
- NEW 2X2 ACOUSTICALLY CEILING
- NEW RESTROOM EXHAUST
- EXISTING SUPPLY
- NEW SUPPLY
- EXISTING RECESSED LIGHT
- EXISTING LIGHTS TO REMAIN
- NEW LED LIGHTS



2 SOFFIT DETAIL
SCALE: 3" = 1'-0"

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Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.archtexas.com

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4/11/2022

PORT ARTHUR BRANCH RENOVATION

5Point Credit Union

4401 Hwy 73

Port Arthur, TX 77642

ISSUED FOR
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- DESIGN DEVELOPMENT [X] DATE: 3/1/2022
- BIDS & CONSTRUCTION [X] DATE: 4/11/2022
- REVISION: DATE:
- REVISION: DATE:
- REVISION: DATE:

DRAWINGS SHEET TITLE
FIRST FLOOR NEW REFLECTED CEILING PLAN

SHEET NUMBER
A301

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:49 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

REMOVE AND REINSTALL EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW DUCTS. REF. MECHANICAL AND SITE VERIFY

EX MECH 112
MECHANICAL 111
BREAK RM 113
EXIST. CLNG TO REMAIN
STAIRS
ENTRY 115
MENS 116
WOMENS 117
ANTE 118
SPKLR 119
MSR OFFICE 120
MSR OFFICE 121
MSR OFFICE 122
MSR OFFICE 123
MSR OFFICE 124
MSR OFFICE 125
CORRIDOR B 143
PASSAGE 149
CORRIDOR C 151
EXIT 110
CORRIDOR A 108
BREAK RM 142
WELLNESS 144
ELEC 145
JAN 148
IT 150
OPS WORKROOM 152
MSR OFFICE 153
CORRIDOR D 154
CONFERENCE 109
WORKROOM 141
STOR 146
FLEX SPACE 147
ASST. MGR OFFICE 107
COUPON BOOTH A 106
COUPON BOOTH B 105
COIN 104
TELLER BAR 140
COFFEE 139
Marketing
SEATING A 137
SEATING B 138
SEATING C 136
GREETER 135
PARALLEL WITH FURR DOWN
9'-0" AFF
8'-10" AFF
2 A301

N
CALLED NORTH

1 FIRST FLOOR ENLARGED REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:49 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

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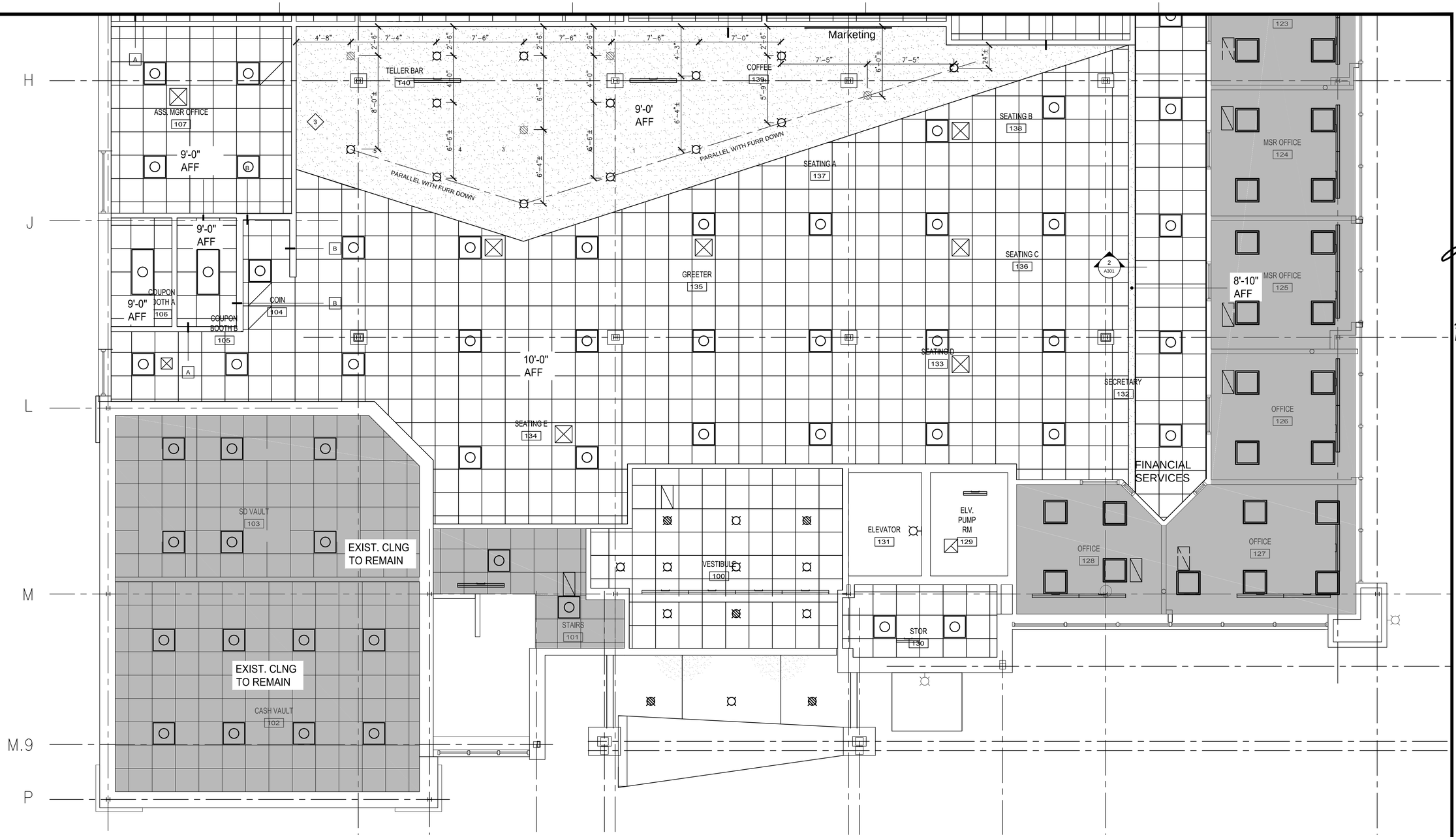
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
FIRST FLOOR ENLARGED REFLECTED CEILING PLAN

SHEET NUMBER
A302

21041
PROJECT NUMBER



N

CALLED NORTH

1 FIRST FLOOR ENLARGED REFLECTED CEILING PLAN

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

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Ednoc Plaza
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DESIGN DEVELOPMENT [X]
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BIDS & CONSTRUCTION [X]
DATE: 4/11/2022

REVISION:
DATE:

REVISION:
DATE:

REVISION:
DATE:

DRAWINGS SHEET TITLE

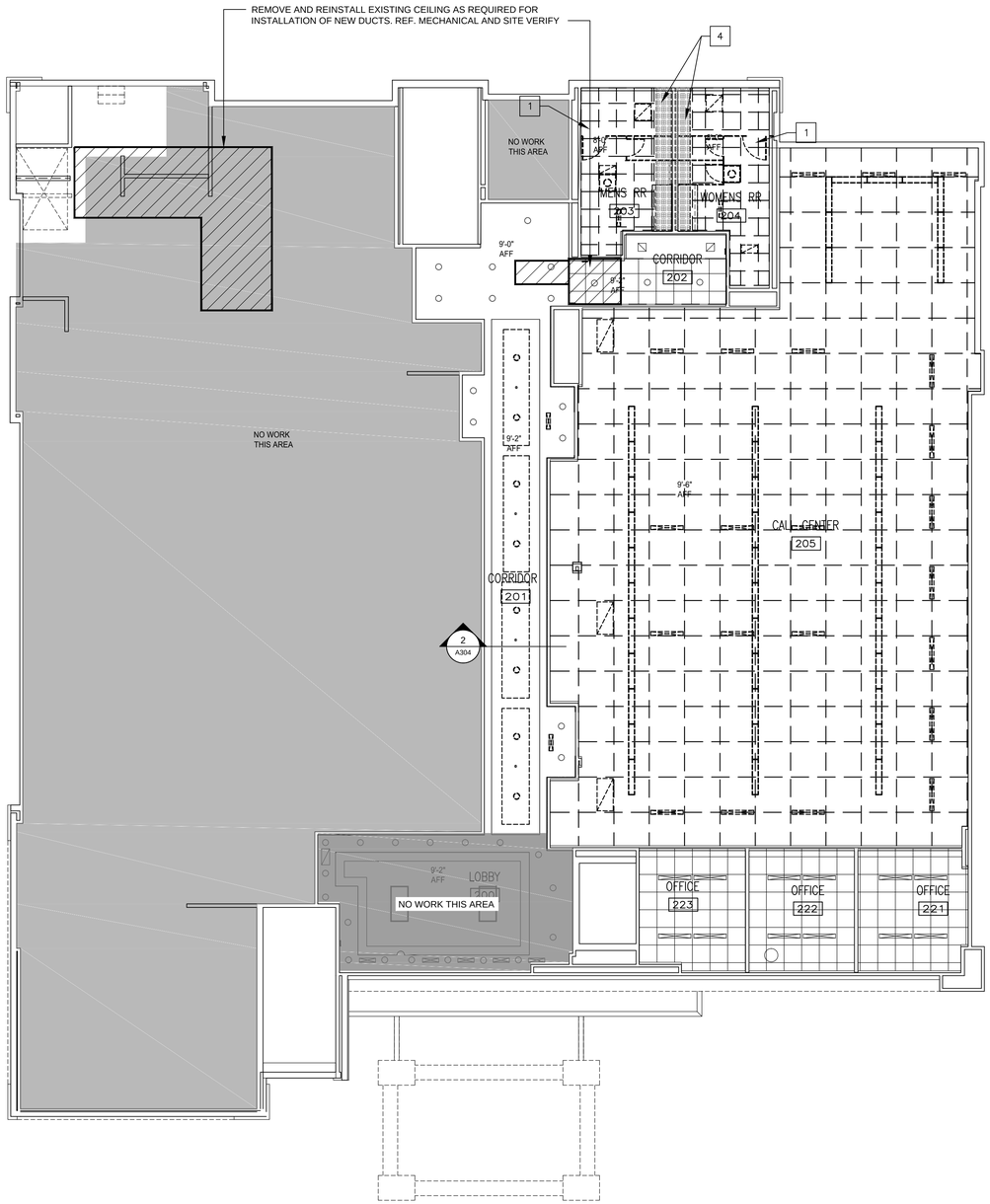
FIRST FLOOR ENLARGED REFLECTED CEILING PLAN

SHEET NUMBER

A303

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:49 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



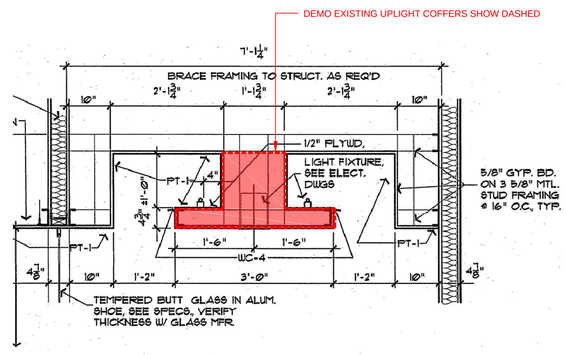
CALL CENTER - 205 WILL BE OPERATIONAL WITH NO CONSTRUCTION BETWEEN 8:00 AM TO 5:30 AM, MONDAY TO FRIDAY. ANY WEEKEND WORK MUST HAVE THIS AREA OPERATIONAL AND CLEAN FOR MONDAY 8:00 AM WITHOUT EXCEPTION

DEMOLITION CEILING KEYNOTES

1. REMOVE CEILING TILE AND GRID, MECH. GRILLES, AND ELEC.
2. GY BD FURR DOWN.
3. REMOVE GYP BD CEILING, MECH GRILLES AND ELEC.
4. REMOVE LIGHT BOX

LEGEND

- EXISTING GYP BD
- 2X2 ACOUSTICAL CEILING TO BE REMOVED
- CEILING TO BE REMOVED
- RETURN TO BE REMOVED
- EXHAUST TO BE REMOVED
- A/C SUPPLY TO REMAIN
- A/C SUPPLY TO BE REMOVED
- RECESSED LIGHT TO REMAIN
- RECESSED LIGHT TO BE REMOVED
- 2X4 LIGHT TO BE REMOVED
- SUSPENDED LIGHT TO BE REMOVED AND REINSTALLED



N
CALLED NORTH

1 SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

2 CEILING SECTION
SCALE: NTS

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Ednoo Plaza
Beaumont, Texas 77701
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www.architectall.com

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PORT ARTHUR BRANCH RENOVATION
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5Point Credit Union
Port Arthur, TX 77642

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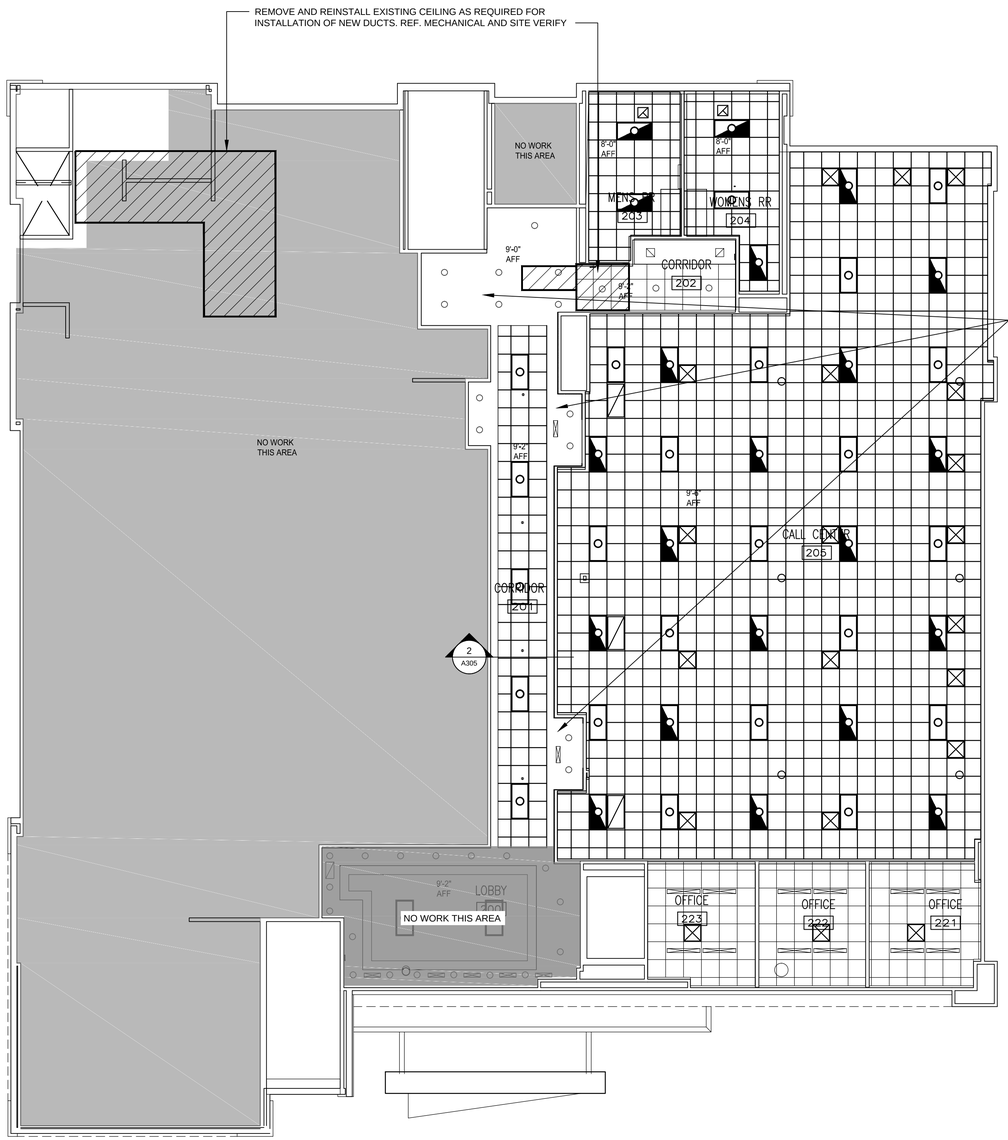
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN

SHEET NUMBER
A304

21041
PROJECT NUMBER

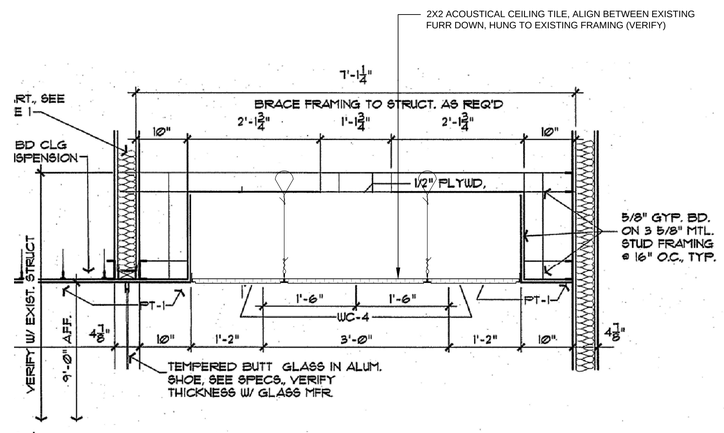
SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:49 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



CALL CENTER - 205 WILL BE OPERATIONAL WITH NO CONSTRUCTION BETWEEN 8:00 AM TO 5:30 AM, MONDAY TO FRIDAY. ANY WEEKEND WORK MUST HAVE THIS AREA OPERATIONAL AND CLEAN FOR MONDAY 8:00 AM WITHOUT EXCEPTION

LEGEND

- EXISTING GYP BD
- 2X2 ACOUSTICAL CEILING TO BE REMOVED
- 2X2 ACOUSTICAL CEILING AND GRID
- CEILING TO BE REMOVED
- NEW EXHAUST
- EXISTING SUPPLY
- NEW SUPPLY / RETURN TO BE REMOVED
- EXISTING RECESS LIGHT
- RE-INSTALLED SUSPENDED LIGHT
- NEW 2X4LED LIGHT



N
CALLED NORTH

1 SECOND FLOOR NEW REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

2 CEILING SECTION
SCALE: NTS

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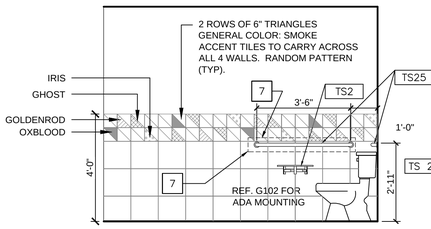
DRAWINGS SHEET TITLE
SECOND FLOOR NEW REFLECTED CEILING PLAN

SHEET NUMBER
A305

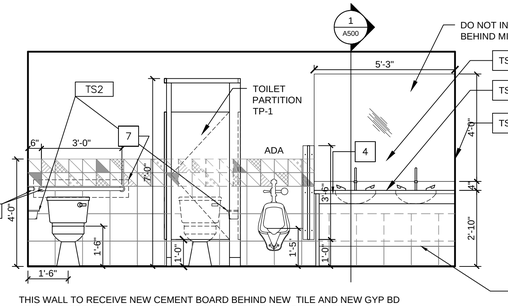
21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:49 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



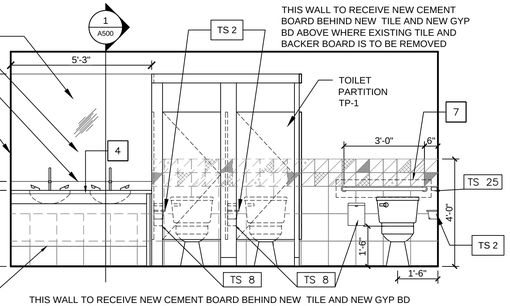
THIS WALL TO RECEIVE NEW CEMENT BOARD BEHIND NEW TILE AND NEW GYP BD ABOVE WHERE EXISTING TILE AND BACKER BOARD IS TO BE REMOVED

1 ADA WATER CLOSET
SCALE: 3/8"=1'-0"



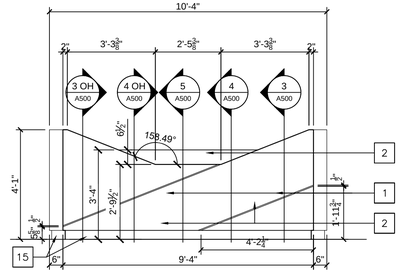
THIS WALL TO RECEIVE NEW CEMENT BOARD BEHIND NEW TILE AND NEW GYP BD ABOVE WHERE EXISTING TILE AND BACKER BOARD IS TO BE REMOVED

2 MEN'S RESTROOM (TYP)
SCALE: 3/8"=1'-0"



THIS WALL TO RECEIVE NEW CEMENT BOARD BEHIND NEW TILE AND NEW GYP BD ABOVE WHERE EXISTING TILE AND BACKER BOARD IS TO BE REMOVED

2A WOMEN'S RESTROOM (TYP)
SCALE: 3/8"=1'-0"

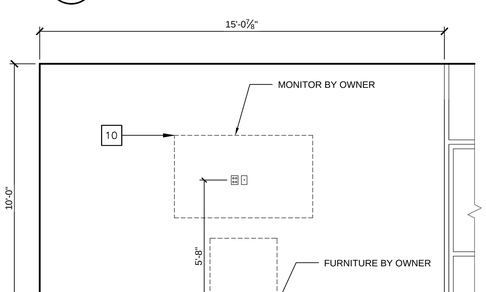


3 GREETER DESK
SCALE: 3/8"=1'-0"

LOCKS ON ALL DOORS AND DRAWERS. U.N.O.

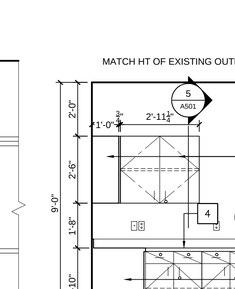
INTERIOR ELEVATIONS KEYNOTES

1. PLASTIC LAMINATE WILSONART #7971 "UPTOWN WALNUT", VERTICAL ORIENTATION - TYPICAL OF CABINETS UNLESS OTHERWISE NOTED
2. PLASTIC LAMINATE FORMICA #845-AN "SPECTRUM RED"
3. PLASTIC LAMINATE WILSONART #7971 "UPTOWN WALNUT", HORIZONTAL ORIENTATION
4. SOLID SURFACE LG HAUSYS HI-MACS #G005 "WHITE GRANITE"
5. ACCENT WOOD HICKORY, REF. FINISH SCHEDULE
6. INDICATES LOCATION WHERE LEVEL 5 FINISH IS REQUIRED
7. INSTALL SOLID WOOD BLOCKING IN WALL FOR GRAB BAR ATTACHMENT
8. CASH UNIT BY OWNER
9. MONITOR BY OWNER
10. SOLID WOOD BLOCKING IN WALL FOR TV/MONITOR MOUNT
11. TRASH BIN BY OWNER
12. UNDERCOUNTER STEEL DRAWER FENCO S-212
13. GROMMET
14. FENCO P-30 METAL DRAWER. PROVIDED BY OWNER. INSTALLED BY CONTRACTOR
15. BASE AS SCHEDULE
16. PRINTER BY OWNER



NO LOCKS

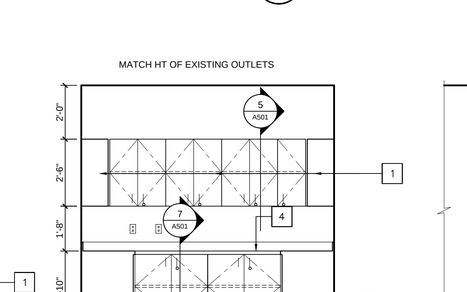
4 WORKROOM 141
SCALE: 3/8"=1'-0"



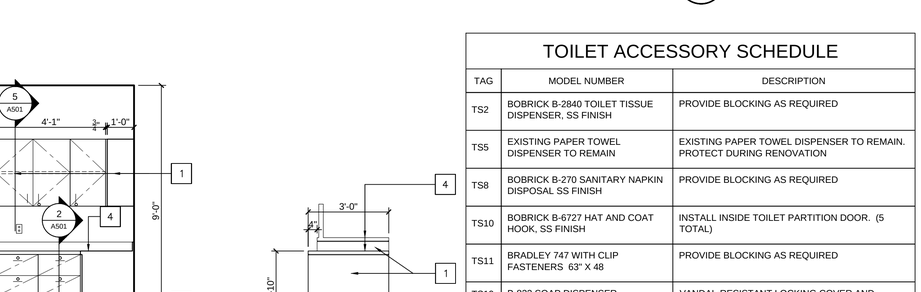
NO LOCKS

5 WORKROOM 141
SCALE: 3/8"=1'-0"

6 GREETER DESK
SCALE: 3/8"=1'-0"

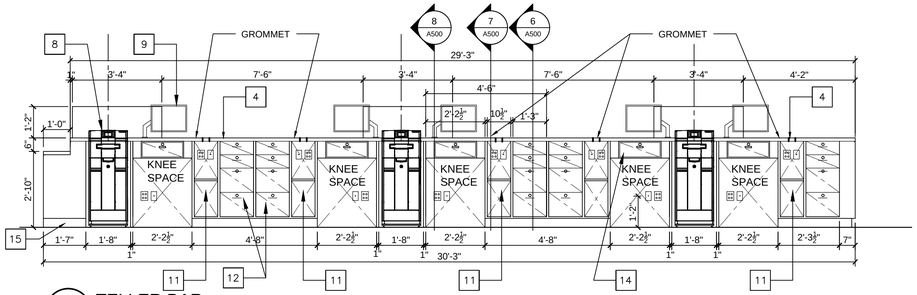


7 GREETER DESK
SCALE: 3/8"=1'-0"

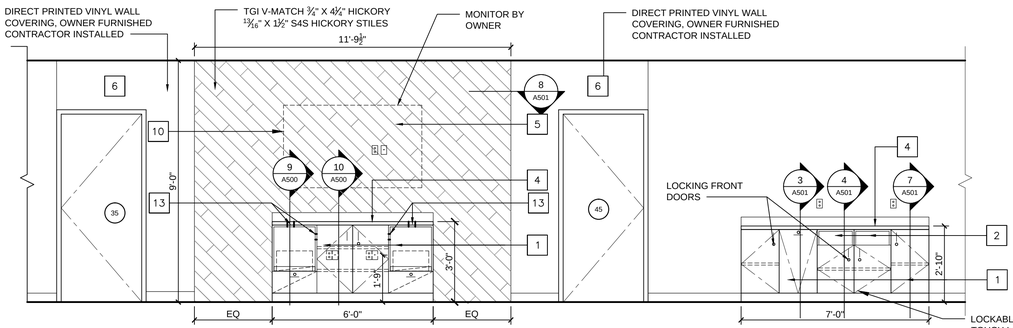


SEAMLESS/CONTINUOUS PATTERN MATCH WHERE REMOVABLE PANEL MEETS FIXED PANEL AT BUTT JOINT (TYP)

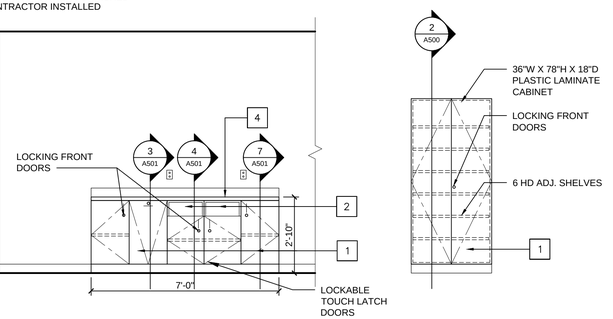
8 TELLER BAR
SCALE: 3/8"=1'-0"



9 TELLER BAR
SCALE: 3/8"=1'-0"

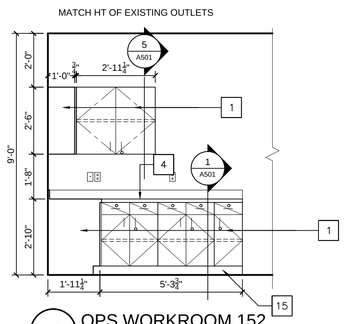


10 BACK COUNTER
SCALE: 3/8"=1'-0"



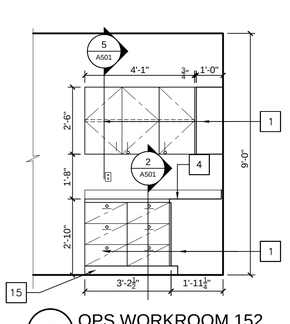
11 SD VAULT - 103
SCALE: 3/8" = 1'-0"

12 SEATING D 133
SCALE: 3/8"=1'-0"

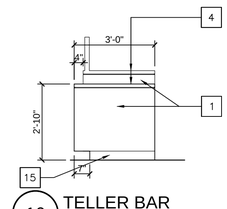


13 OPS WORKROOM 152
SCALE: 3/8"=1'-0"

14 OPS WORKROOM 152
SCALE: 3/8"=1'-0"



15 OPS WORKROOM 152
SCALE: 3/8"=1'-0"



16 TELLER BAR
SCALE: 3/8"=1'-0"

TOILET ACCESSORY SCHEDULE

TAG	MODEL NUMBER	DESCRIPTION
TS2	BOBRICK B-2840 TOILET TISSUE DISPENSER, SS FINISH	PROVIDE BLOCKING AS REQUIRED
TS5	EXISTING PAPER TOWEL DISPENSER TO REMAIN	EXISTING PAPER TOWEL DISPENSER TO REMAIN. PROTECT DURING RENOVATION
TS8	BOBRICK B-270 SANITARY NAPKIN DISPOSAL SS FINISH	PROVIDE BLOCKING AS REQUIRED
TS10	BOBRICK B-6727 HAT AND COAT HOOK, SS FINISH	INSTALL INSIDE TOILET PARTITION DOOR. (5 TOTAL)
TS11	BRADLEY 747 WITH CLIP FASTENERS 63" X 48	PROVIDE BLOCKING AS REQUIRED
TS19	B-822 SOAP DISPENSER	VANDAL-RESISTANT LOCKING COVER AND FREE-TURNING SPOUT, CORROSION-RESISTANT, BRIGHT-POLISHED SPOUT, COVER AND ESCUTCHEON, HIGH-IMPACT-RESISTANT ABS BODY AND SHANK, SHATTER-RESISTANT POLYETHYLENE CONTAINER
TS25	B-6806 X 36" B-6806 X 42" STANDARD ADA TOILET GRAB BARS	STANDARD ACCESS TOILET STALL SATIN FINISH STAINLESS STEEL GRAB BARS 36" AND 42" IN 1 ½" DIAMETER WITH SNAP FLANGE

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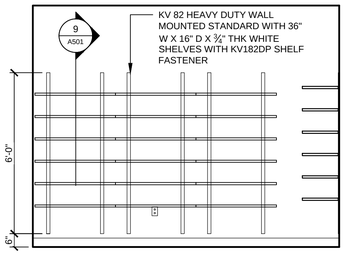
DRAWINGS SHEET TITLE
INTERIOR ELEVATIONS

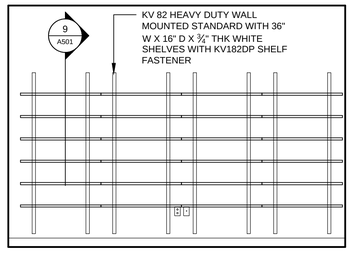
SHEET NUMBER
A400

21041
PROJECT NUMBER

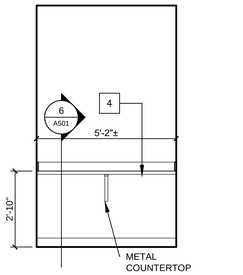
SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:50 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



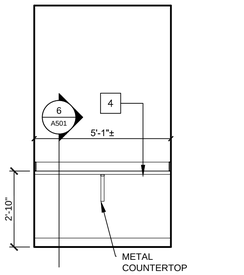
1 STOR 146
SCALE: 3/8" = 1'-0"



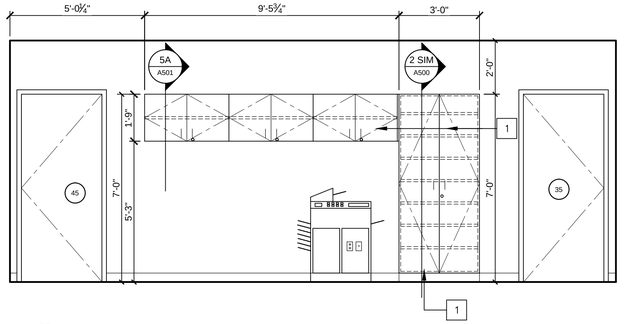
2 STOR 146
SCALE: 3/8" = 1'-0"



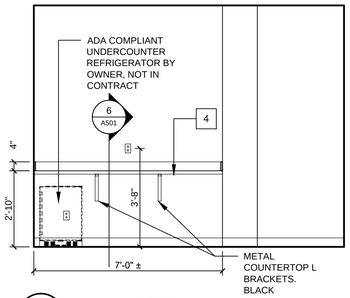
3 COUPON BOOTH A 106
SCALE: 3/8" = 1'-0"



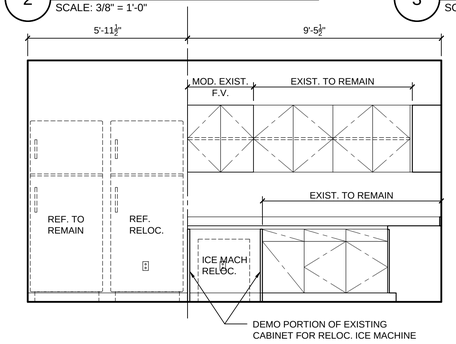
4 COUPON BOOTH B 105
SCALE: 3/8" = 1'-0"



5 WORKROOM 141
SCALE: 3/8" = 1'-0"



6 WELLNESS 144
SCALE: 3/8" = 1'-0"



7 WARMING AREA
SCALE: 3/8" = 1'-0"

LOCKS ON ALL DOORS AND DRAWERS. U.N.O.

INTERIOR ELEVATIONS KEYNOTES

1. PLASTIC LAMINATE WILSONART #7971 "UPTOWN WALNUT", VERTICAL ORIENTATION
2. PLASTIC LAMINATE FORMICA #845-AN "SPECTRUM RED"
3. PLASTIC LAMINATE WILSONART #7971 "UPTOWN WALNUT", HORIZONTAL ORIENTATION
4. SOLID SURFACE LG HAUSYS HI-MACS #G005 "WHITE GRANITE"
5. ACCENT WOOD HICKORY, REF. FINISH SCHEDULE
6. INDICATES LOCATION WHERE LEVEL FINISH IS REQUIRED

Architectural Alliance Incorporated
330 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

REGISTERED ARCHITECT JAMES R. CLARK 8212 STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT RONALD M. JONES 13662 STATE OF TEXAS
4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

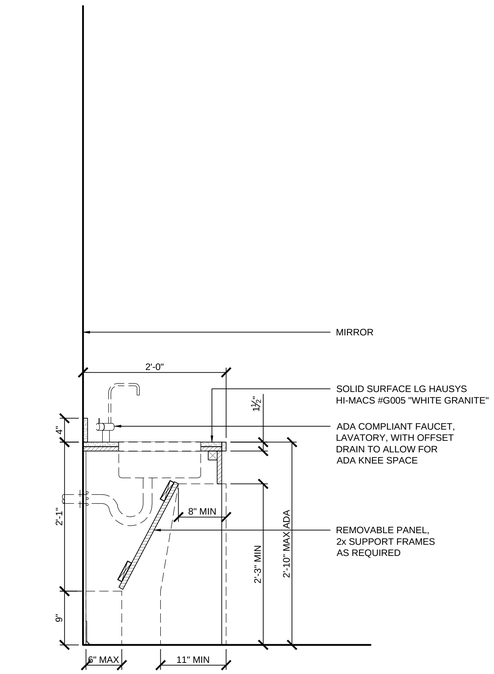
ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 9/7/2021
DESIGN DEVELOPMENT [X]
DATE: 3/1/2022
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
INTERIOR ELEVATIONS

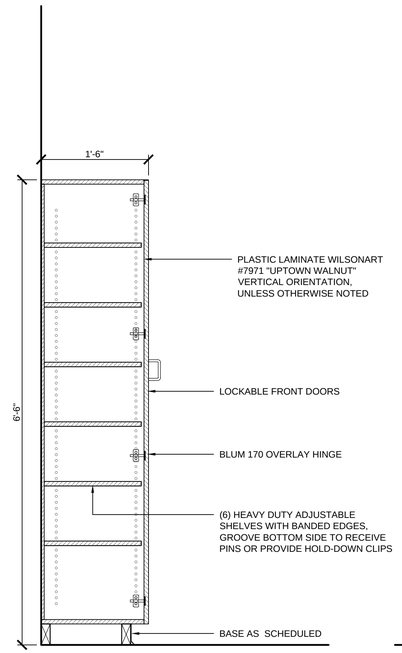
SHEET NUMBER
A401

21041
PROJECT NUMBER

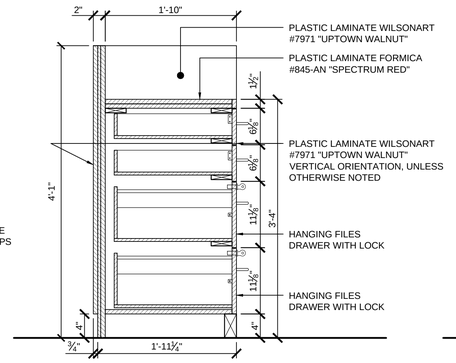
SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:50 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



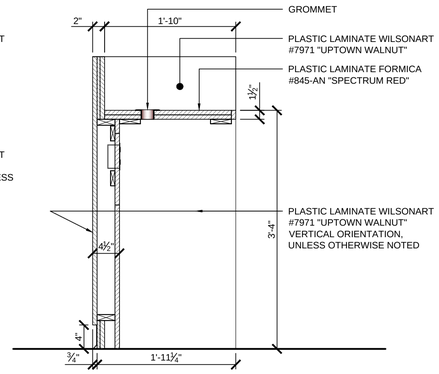
1 RESTROOM SINK
SCALE: 1" = 1'-0"



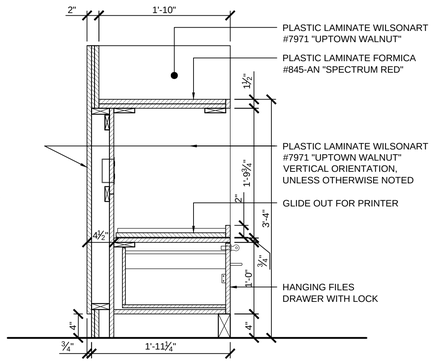
2 VAULT CABINET
SCALE: 1" = 1'-0"



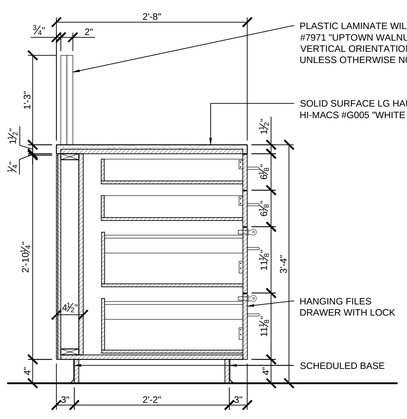
3 GREETER DESK
SCALE: 1" = 1'-0"



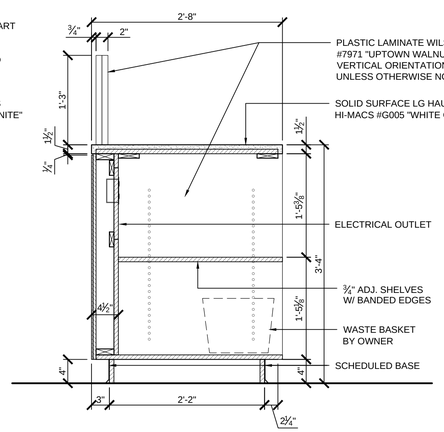
4 GREETER DESK
SCALE: 1" = 1'-0"



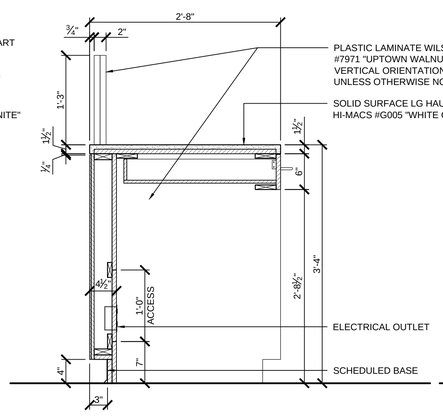
5 GREETER DESK
SCALE: 1" = 1'-0"



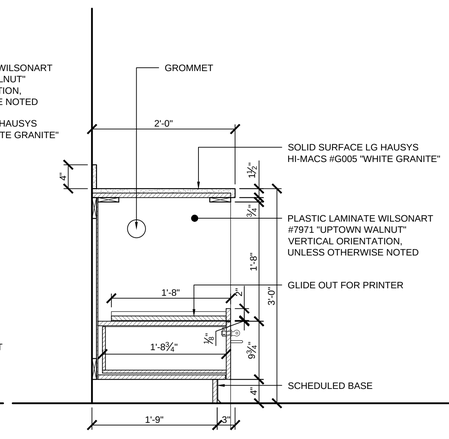
6 TELLER BAR
SCALE: 1" = 1'-0"



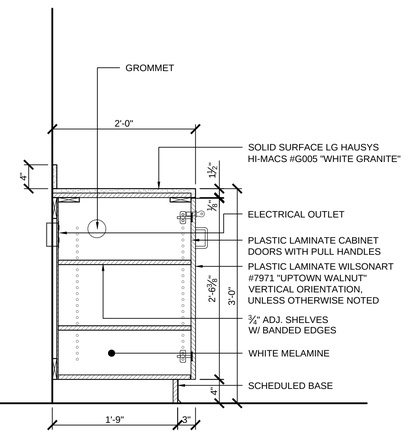
7 TELLER BAR
SCALE: 1" = 1'-0"



8 TELLER BAR
SCALE: 1" = 1'-0"



9 BACK COUNTER
SCALE: 1" = 1'-0"



10 BACK COUNTER
SCALE: 1" = 1'-0"

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ednor Plaza
Beaumont, Texas 77701
TEL: (409) 866-7196
FAX: (409) 866-7765
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architexalli.com

REGISTERED ARCHITECT
JAMES R. CLARK
8212
STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT
RONALD M. JONES
13669
STATE OF TEXAS
4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR
SCHEMATIC DESIGN X
DATE: 9/7/2021
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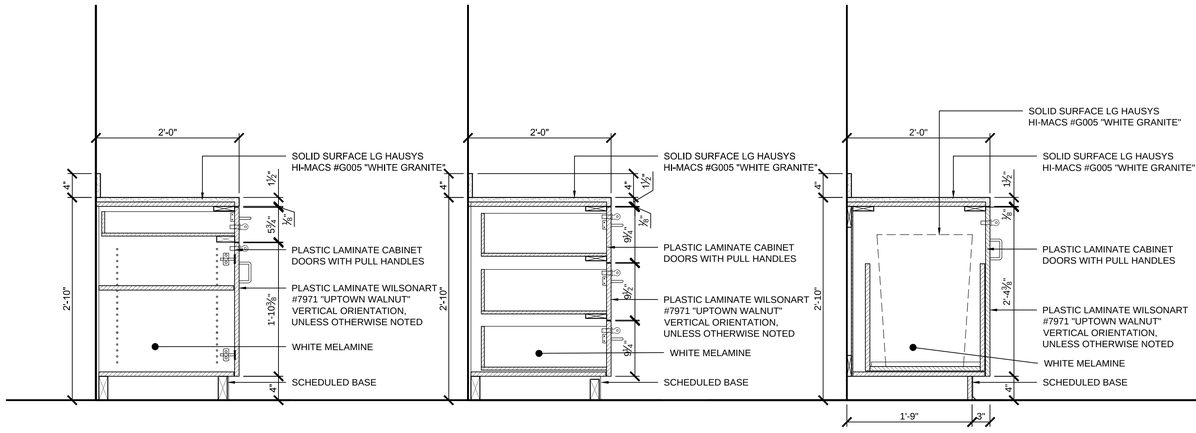
DATE: 3/1/2022
BIDS & CONSTRUCTION X
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
MILLWORK DETAILS

SHEET NUMBER
A500

21041
PROJECT NUMBER

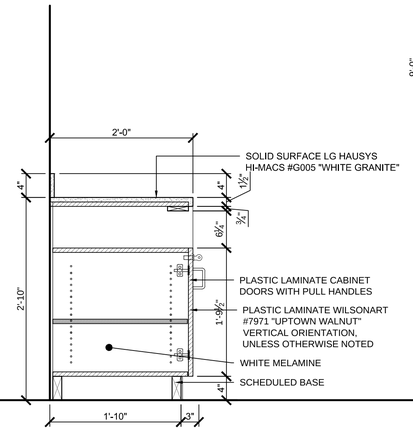
SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:50 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



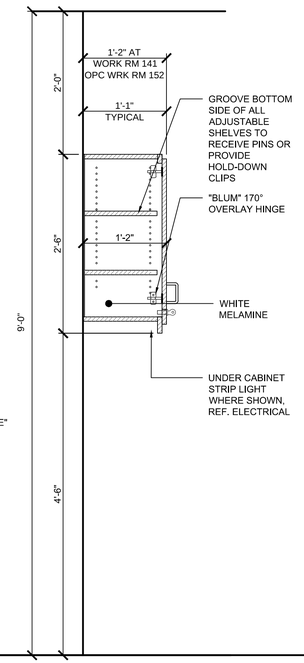
1 BASE CABINET
SCALE: 1" = 1'-0"

2 BASE DRAWERS
SCALE: 1" = 1'-0"

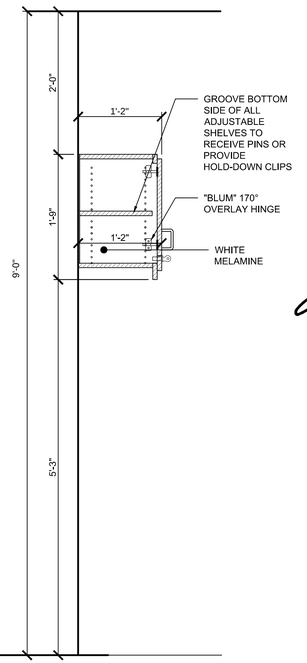
3 BASE CABINET
SCALE: 1" = 1'-0"



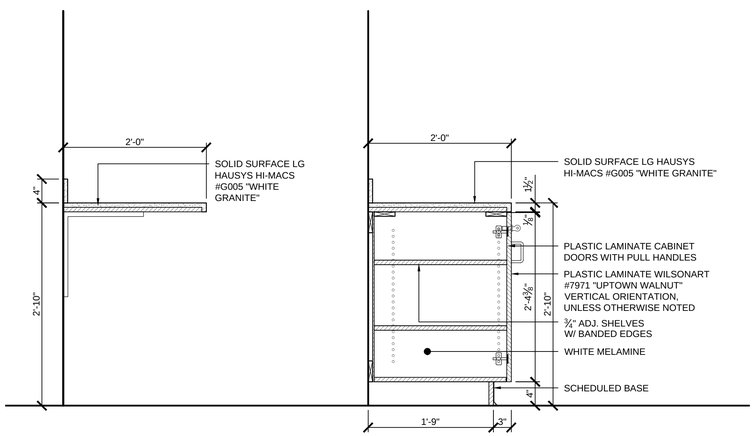
4 BASE CABINET
SCALE: 1" = 1'-0"



5 UPPER CABINET
SCALE: 1" = 1'-0"

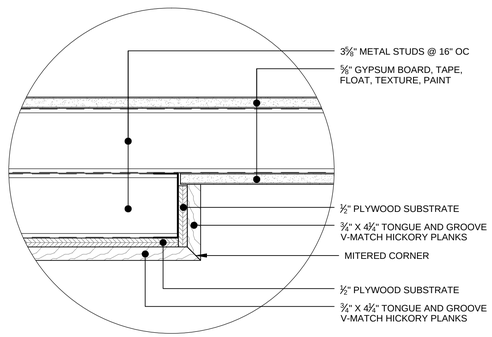


5A UPPER CABINET
SCALE: 1" = 1'-0"

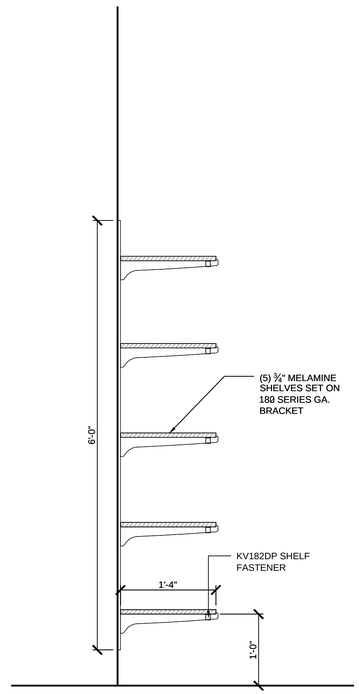


6 COUNTERTOP
SCALE: 1" = 1'-0"

7 BASE CABINET
SCALE: 1" = 1'-0"



8 ENLARGED DETAIL
SCALE: 3" = 1'-0"



9 TYP. STORAGE SHELVING
SCALE: 1" = 1'-0"

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:50 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

REGISTERED ARCHITECT JAMES R. CLARK 8212 STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT RONALD M. JONES 13662 STATE OF TEXAS
4/11/2022

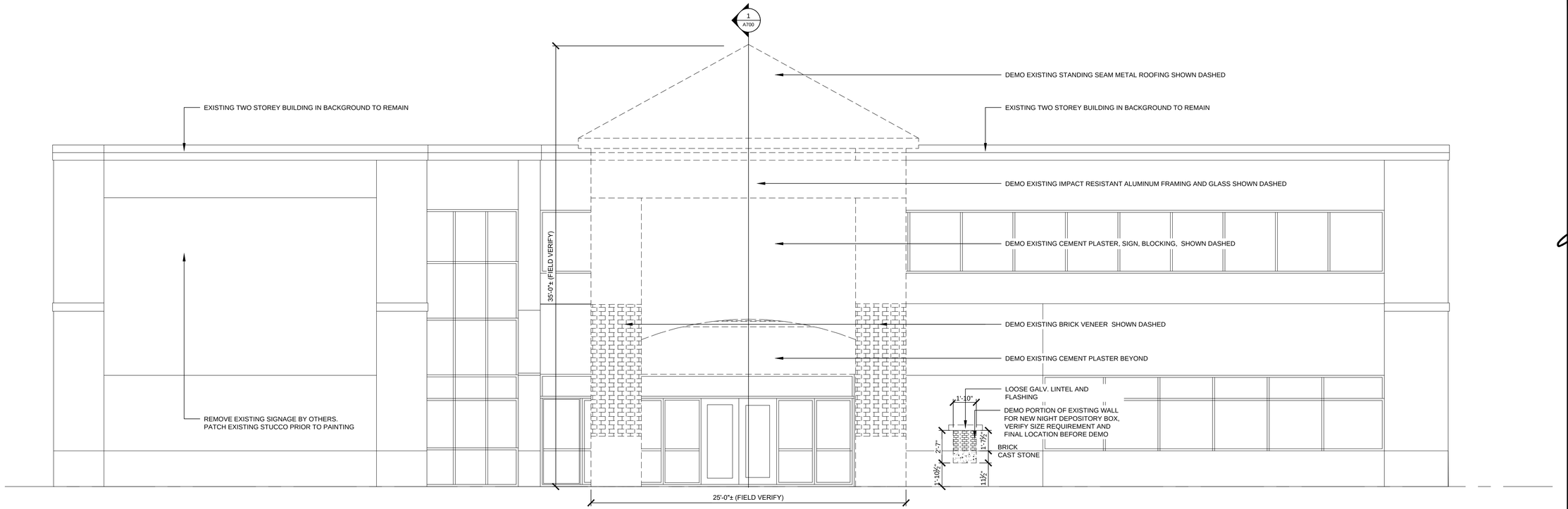
PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR
SCHEMATIC DESIGN X
DATE: 9/7/2021
DESIGN DEVELOPMENT X
DATE: 3/1/2022
BIDS & CONSTRUCTION X
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
MILLWORK DETAILS

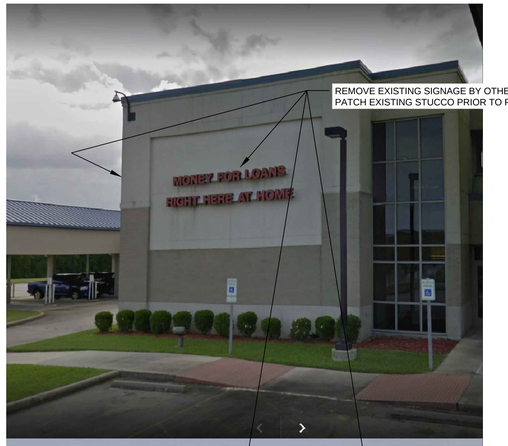
SHEET NUMBER
A501

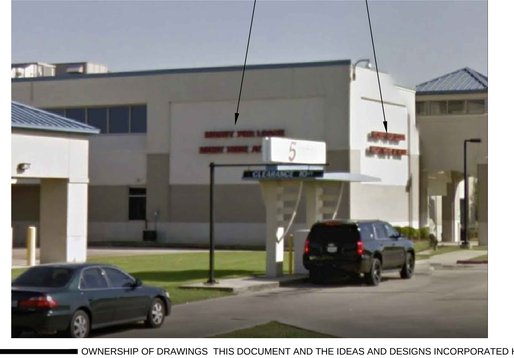
21041
PROJECT NUMBER

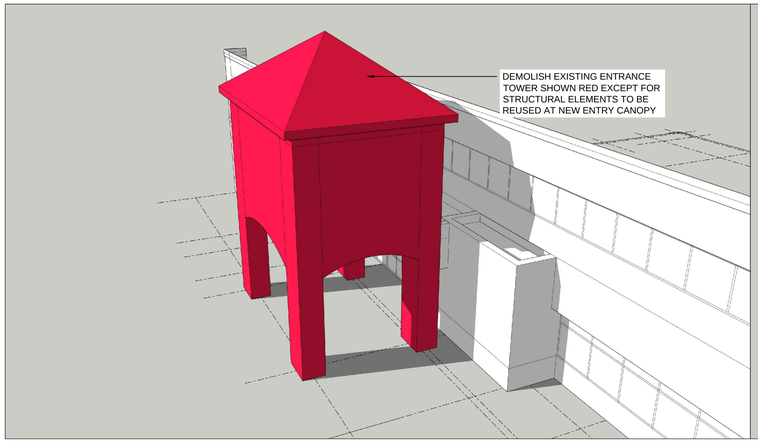


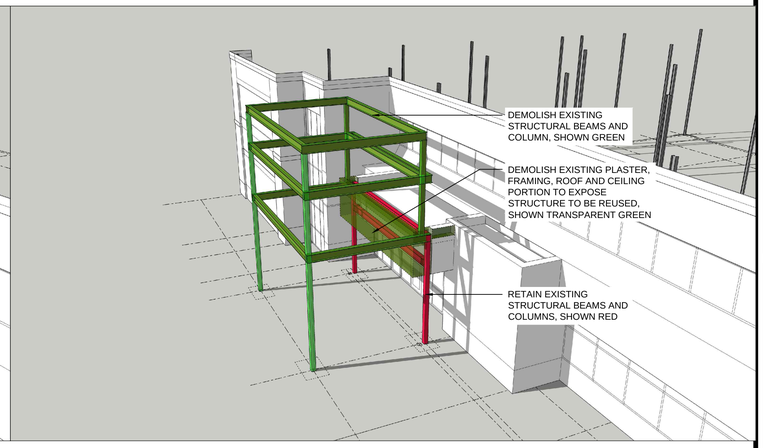
1 DEMOLITION FRONT ELEVATIONS

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









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350 Pine Street, Suite 720
Ednoo Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

REGISTERED ARCHITECT
JAMES R. CLARK
8212
STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT
RONALD M. JONES
13662
STATE OF TEXAS
4/11/2022

PORT ARTHUR BRANCH RENOVATION

5Point Credit Union

4401 Hwy 73

Port Arthur, TX 77642

ISSUED FOR
SCHEMATIC DESIGN X
DATE: 9/7/2021
DESIGN DEVELOPMENT X
DATE: 3/1/2022
BIDS & CONSTRUCTION X
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
DEMOLITION FRONT ELEVATIONS

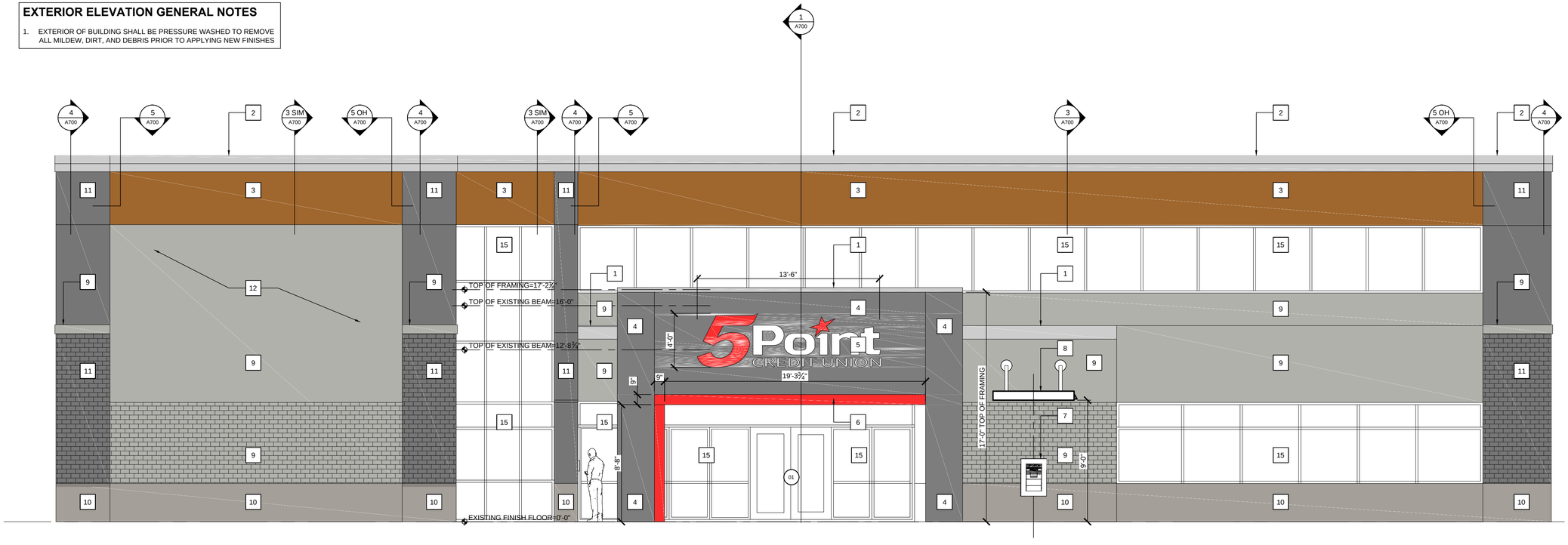
SHEET NUMBER
A600

21041
PROJECT NUMBER

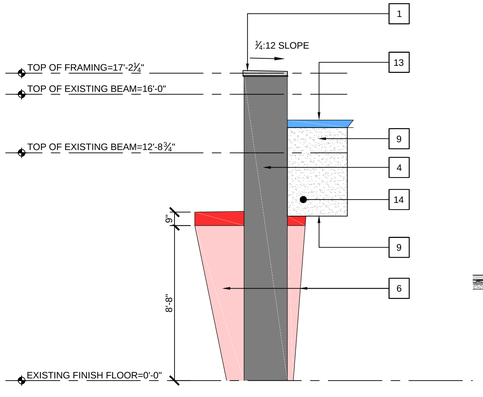
SAVED: WENDY'S
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:50 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

EXTERIOR ELEVATION GENERAL NOTES

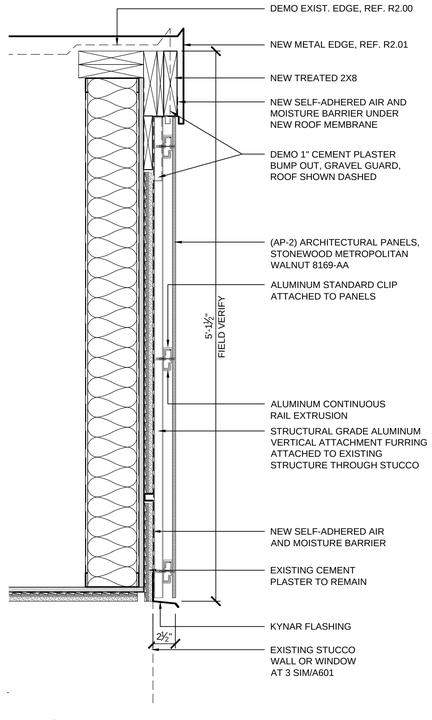
1. EXTERIOR OF BUILDING SHALL BE PRESSURE WASHED TO REMOVE ALL MILDEW, DIRT, AND DEBRIS PRIOR TO APPLYING NEW FINISHES



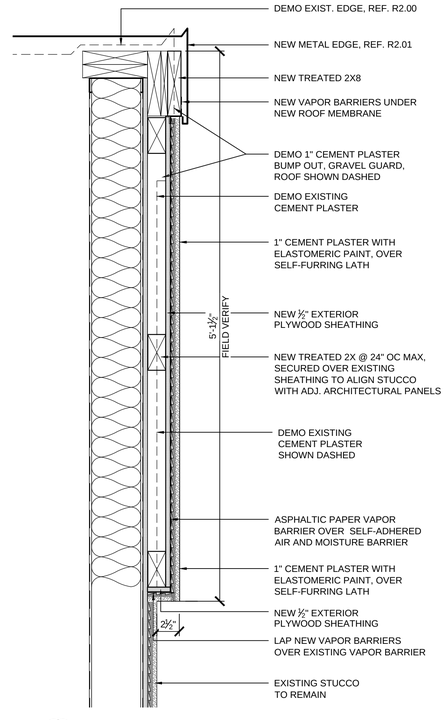
1 NEW FRONT ELEVATIONS
SCALE: 1/4" = 1'-0"



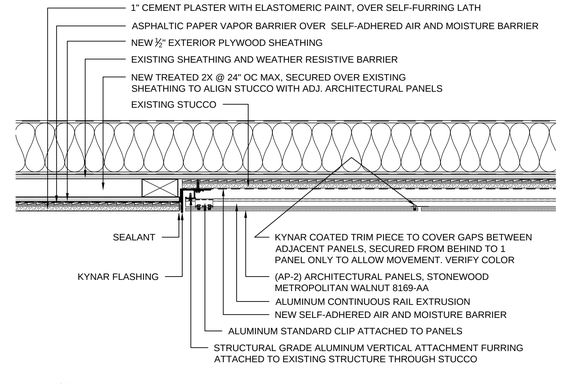
2 NEW FRONT ELEVATIONS - SIDE
SCALE: 1/4" = 1'-0"



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



4 STUCCO BUMP-OUT DETAIL
SCALE: 1 1/2" = 1'-0"



5 ARCH PANEL-STUCCO BUMP
SCALE: 1 1/2" = 1'-0"

EXTERIOR ELEVATIONS KEYNOTES

1. (MT-1) ALUMINUM FINISHED CAP FLASHING / FASCIA,
2. (MT-1) ALUMINUM FINISHED METAL EDGE
3. (AP-2) ARCHITECTURAL PANELS, STONEWOOD METROPOLITAN WALNUT 8169-AA, ATTACHED TO EXISTING STUCCO, THROUGH NEW SELF-ADHERED AIR/MOISTURE BARRIER WITH ALUMINUM ANCHORS
4. (AP-1) ARCHITECTURAL PANELS, STONEWOOD PEWTER BRUSH 1778-DB
5. DIMENSIONAL LOGO FRONT FACE INTERNALLY ILLUMINATED, OWNER FURNISHED AND INSTALLED
6. (MP-1) METAL PANEL, ALUCOBOND RED FIRE AB077 METAL SOLAR SHADE CANOPY AND ACCENT FEATURE,
7. NEW NIGHT DEPOSITORY BOX, OWNER FURNISHED CONTRACTOR INSTALLED
8. NEW EYEBROW CANOPY, WINDSTORM RATED
9. (EP-1) SHERWIN WILLIAMS SW 7655 STAMPED CONCRETE ELASTOMERIC COATING
10. (EP-2) SHERWIN WILLIAMS SW 7018 DOVETAIL ELASTOMERIC COATING, REMOVE AND RE-CAULK ALL CAST STONE PANEL JOINTS PRIOR TO COATING APPLICATION
11. (EP-3) SHERWIN WILLIAMS SW 7674 PEPPERCORN ELASTOMERIC COATING
12. SIGNAGE REMOVED BY OTHERS. PATCH STUCCO PRIOR APPLYING WITH ELASTOMERIC COATING (TYP)
13. (MT-1) ALUMINUM FINISH METAL COPING
14. EXISTING OVERFLOW NOZZLE
15. EXISTING OPENINGS TO REMAIN. REMOVE AND REAPPLY WET SEAL.
16. REMOVE EXISTING DRIVE-THRU CONNECTOR, INSPECT CONDITION OF SHEATHING AND REPLACE AS NECESSARY, AND APPLY 1" CEMENT PLASTER, SELF-FURING LATH AND REVEALS TO MATCH SURROUNDING ADJACENT, OVER LAYER OF ASPHALT SATURATED BUILDING PAPER OVER SELF-ADHERING AIR AND MOISTURE BARRIER ON NEW ⅝" DENSGLASS GOLD SHEATHING, ATTACHED TO NEW 6" 16 GA. METAL STUDS @ 16" OC.
17. PROVIDE DOWNSPOUT AND SPLASH BLOCK TO EYEBROW CANOPY THIS LOCATION.

Architectural Alliance Incorporated
339 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
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REGISTERED ARCHITECT JAMES R. CLARK 8212 STATE OF TEXAS
4/11/2022

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4/11/2022

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DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
NEW FRONT ELEVATIONS

SHEET NUMBER
A601

21041
PROJECT NUMBER

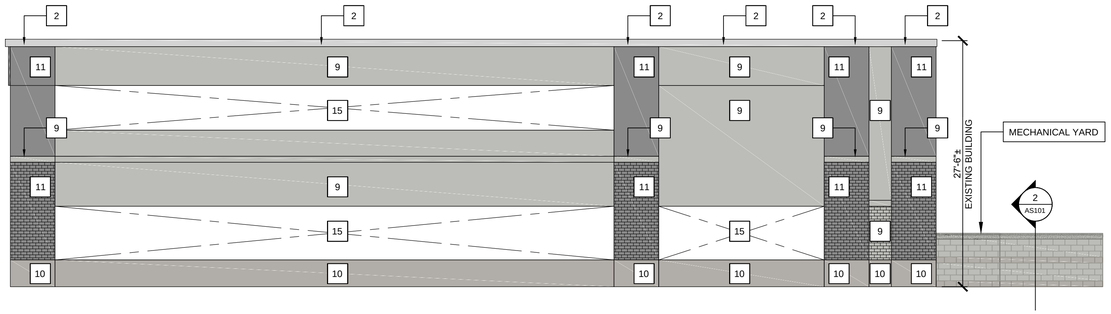
SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:50 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

EXTERIOR ELEVATION GENERAL NOTES

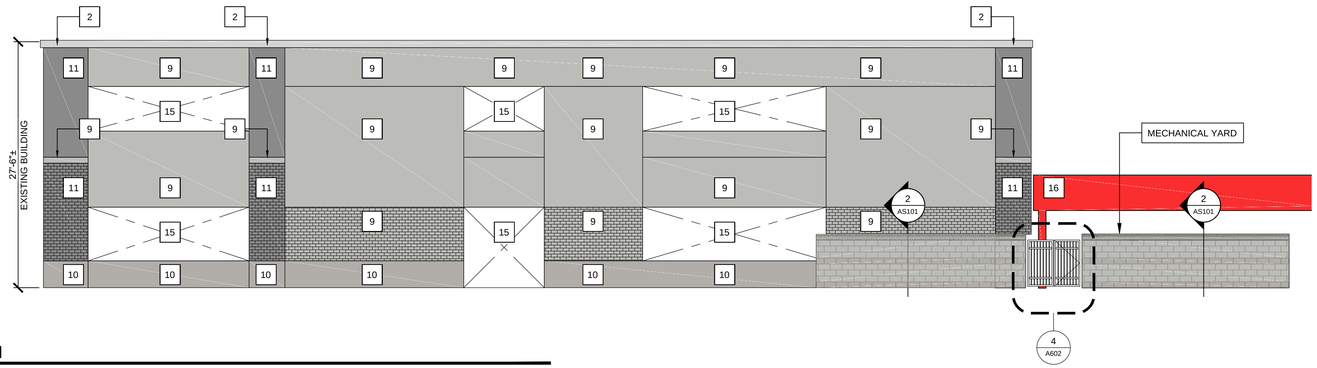
1. EXTERIOR OF BUILDING SHALL BE PRESSURE WASHED TO REMOVE ALL MILDEW, DIRT, AND DEBRIS PRIOR TO APPLYING NEW FINISHES

EXTERIOR ELEVATIONS KEYNOTES

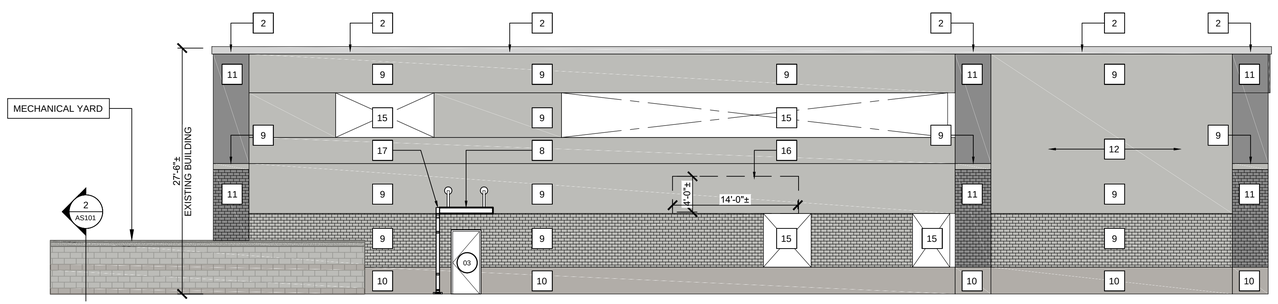
1. (MT-1) ALUMINUM FINISHED CAP FLASHING / FASCIA,
2. (MT-1) ALUMINUM FINISHED METAL EDGE
3. (AP-2) ARCHITECTURAL PANELS, STONEWOOD METROPOLITAN WALNUT 8169-AA, ATTACHED TO EXISTING STUCCO, THROUGH NEW SELF-ADHERED AIR/MOISTURE BARRIER WITH ALUMINUM ANCHORS
4. (AP-1) ARCHITECTURAL PANELS, STONEWOOD PEWTER BRUSH 1778-DB
5. DIMENSIONAL LOGO FRONT FACE INTERNALLY ILLUMINATED, OWNER FURNISHED AND INSTALLED
6. (MP-1) METAL PANEL, ALUCOBOND RED FIRE AB077 METAL SOLAR SHADE CANOPY AND ACCENT FEATURE,
7. NEW NIGHT DEPOSITORY BOX, OWNER FURNISHED CONTRACTOR INSTALLED
8. NEW EYEBROW CANOPY, WINDSTORM RATED
9. (EP-1) SHERWIN WILLIAMS SW 7655 STAMPED CONCRETE ELASTOMERIC COATING
10. (EP-2) SHERWIN WILLIAMS SW 7018 DOVETAIL ELASTOMERIC COATING, REMOVE AND RE-CAULK ALL CAST STONE PANEL JOINTS PRIOR TO COATING APPLICATION
11. (EP-3) SHERWIN WILLIAMS SW 7674 PEPPERCORN ELASTOMERIC COATING
12. SIGNAGE REMOVED BY OTHERS. PATCH STUCCO PRIOR APPLYING WITH ELASTOMERIC COATING (TYP)
13. (MT-1) ALUMINUM FINISH METAL COPING
14. EXISTING OVERFLOW NOZZLE
15. EXISTING OPENINGS TO REMAIN. REMOVE AND REAPPLY WET SEAL.
16. REMOVE EXISTING DRIVE-THRU CONNECTOR, INSPECT CONDITION OF SHEATHING AND REPLACE AS NECESSARY, AND APPLY 1" CEMENT PLASTER, SELF-FURING LATH AND REVEALS TO MATCH SURROUNDING ADJACENT, OVER LAYER OF ASPHALT SATURATED BUILDING PAPER OVER SELF-ADHERING AIR AND MOISTURE BARRIER ON NEW ½" DENSGLASS GOLD SHEATHING, ATTACHED TO NEW 6" 16 GA. METAL STUDS @ 16" OC.
17. PROVIDE DOWNSPOUT AND SPLASH BLOCK TO EYEBROW CANOPY THIS LOCATION.



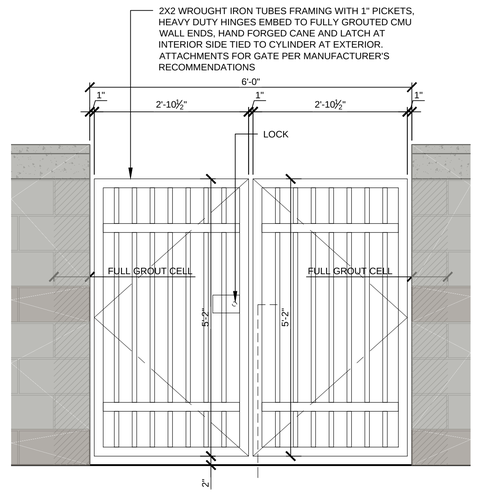
1 EAST ELEVATION
SCALE: 1/8" = 1'-0"



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



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



4 MECH. YARD. GATE
SCALE: 3/4" = 1'-0"

Architectural Alliance Incorporated
339 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

REGISTERED ARCHITECT
JAMES R. CLARK
8212
STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT
RONALD M. JONES
13662
STATE OF TEXAS
4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
Port Arthur, TX 77642
4401 Hwy 73

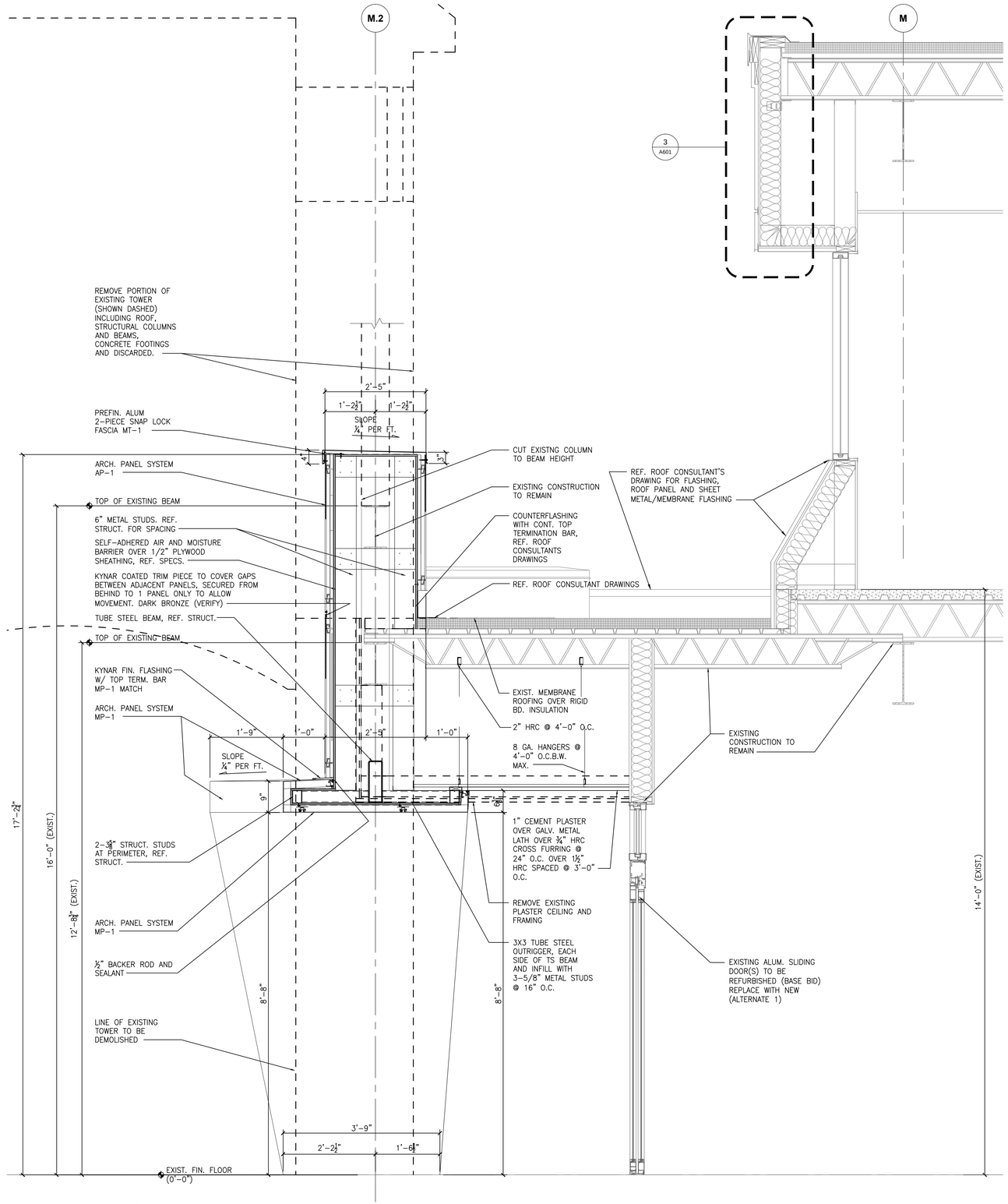
ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 9/7/2021
DESIGN DEVELOPMENT [X]
DATE: 3/1/2022
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
EXTERIOR ELEVATIONS

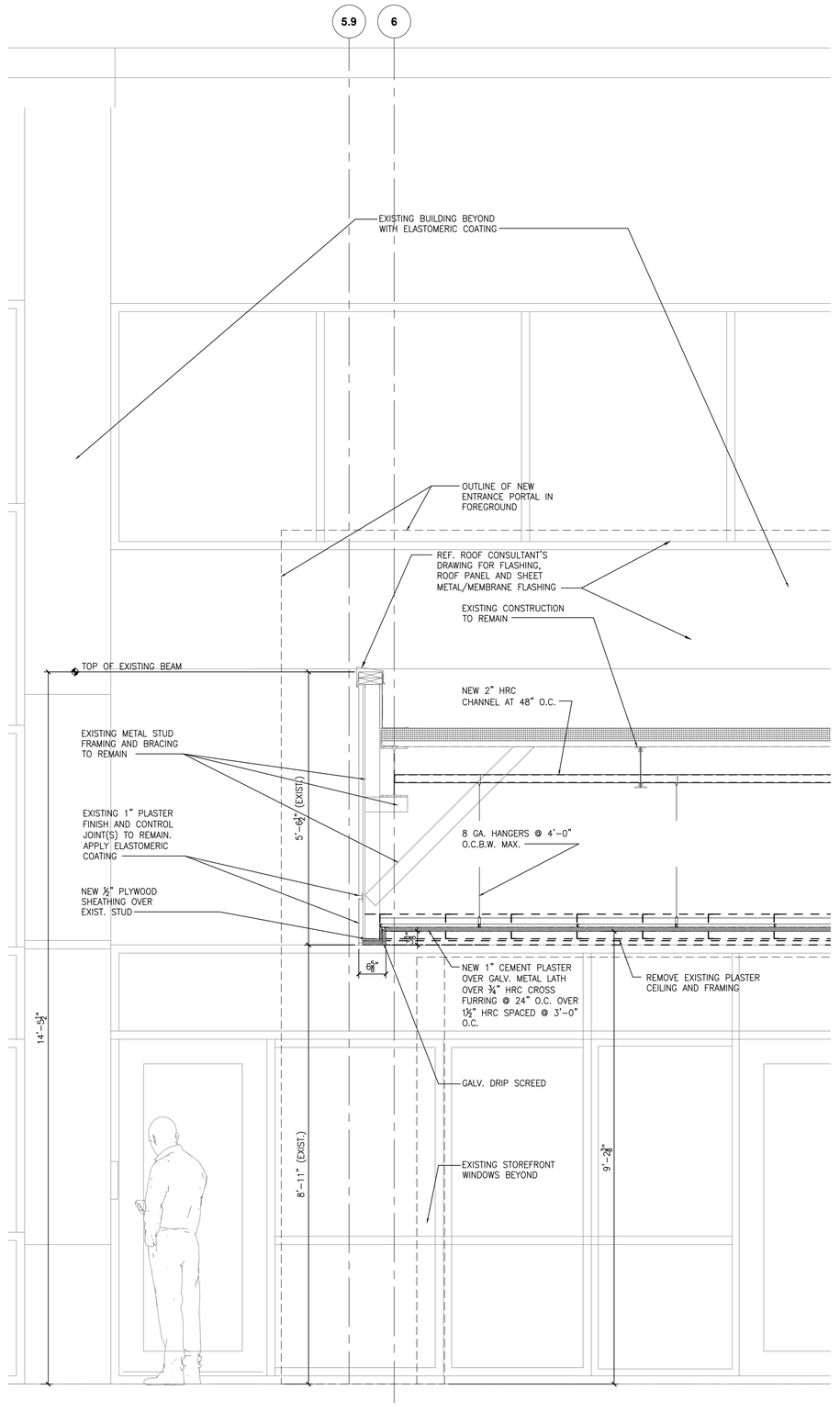
SHEET NUMBER
A602

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:51 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



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



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

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
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RONALD M. JONES, A.I.A.
www.architectall.com

REGISTERED ARCHITECT JAMES R. CLARK 8212 STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT RONALD M. JONES 13662 STATE OF TEXAS
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PORT ARTHUR BRANCH RENOVATION
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Port Arthur, TX 77642
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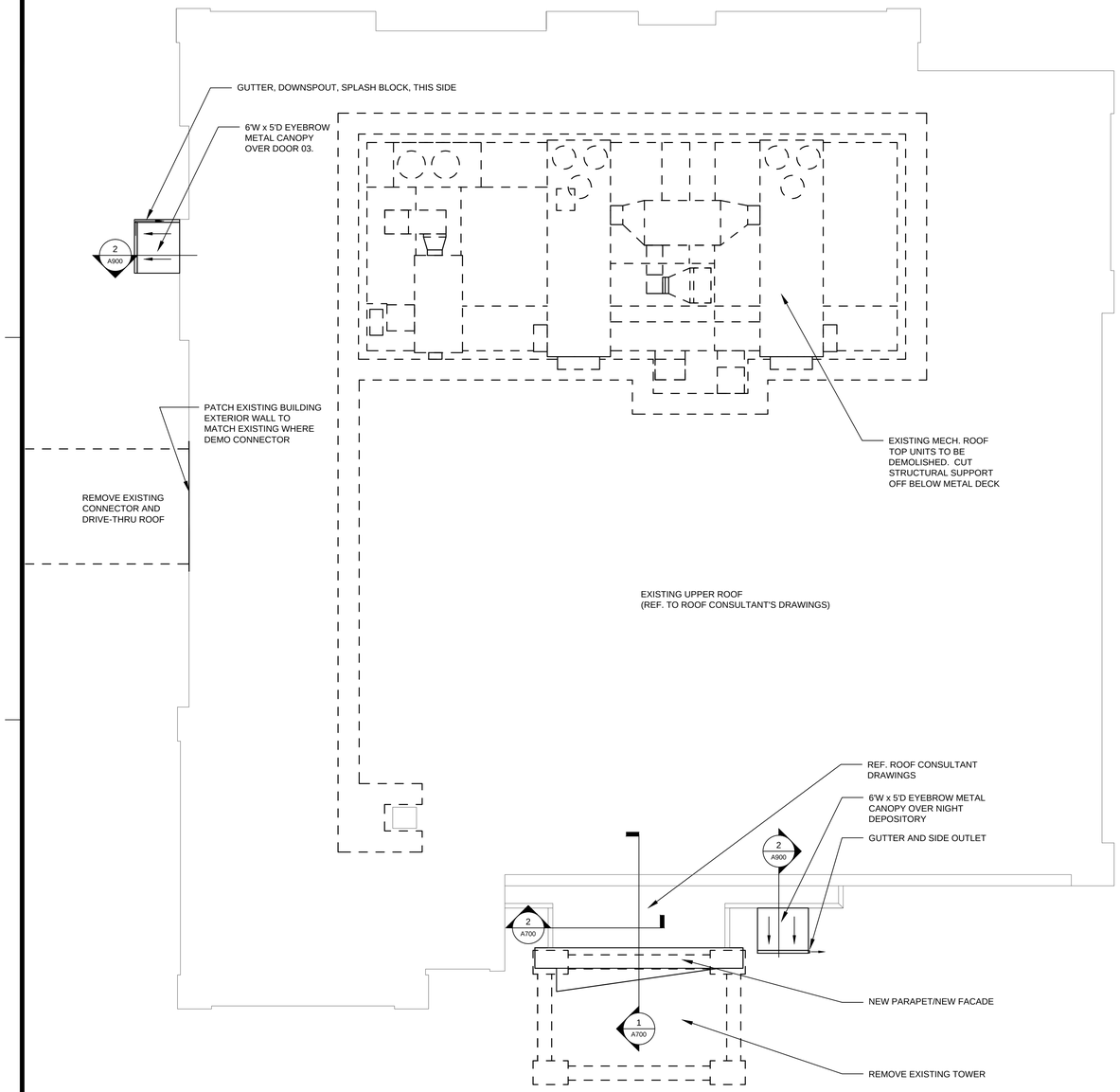
DATE:

DRAWINGS SHEET TITLE
BUILDING AND WALL SECTIONS

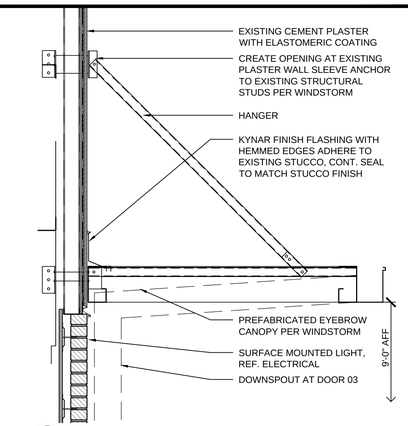
SHEET NUMBER
A700

21041
PROJECT NUMBER

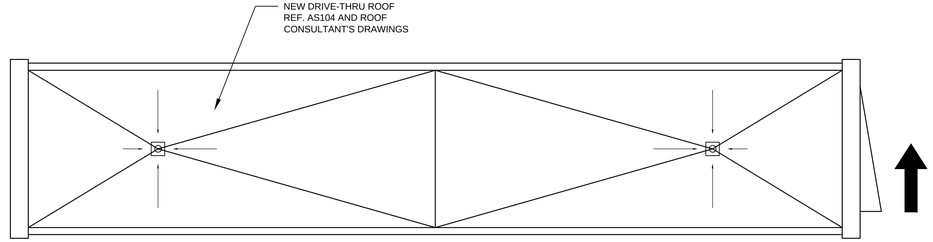
SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:51 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



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



2 PREFAB CANOPY
SCALE: 3/4" = 1'-0"



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FAX: (409) 866-7745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

REGISTERED ARCHITECT
JAMES R. CLARK
8212
STATE OF TEXAS
4/11/2022

REGISTERED ARCHITECT
RONALD M. JONES
13663
STATE OF TEXAS
4/11/2022

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Port Arthur, TX 77642

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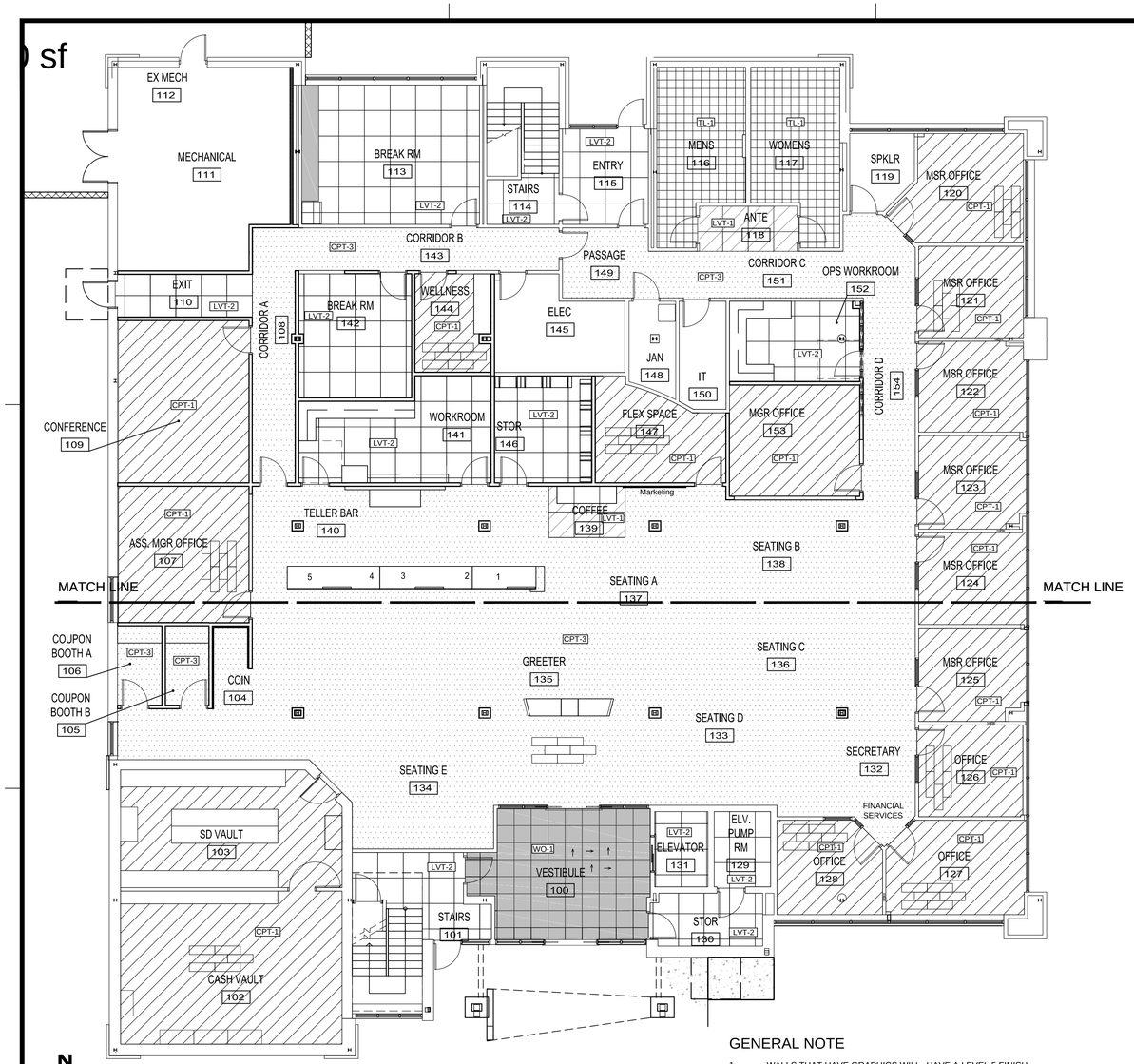
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
ROOF PLAN

SHEET NUMBER
A900

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:51 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



1 FIRST FLOOR FINISH, PATTERN PLANS AND SCHEDULE

SCALE: NTS

LEGEND

LVT-1	LUXURY VINYL TILE MOHAWK HOT AND HEAVY BOLDER 36X36 832 RIVER WALK MONOLITHIC	CPT-2	NOT USED
LVT-2	LUXURY VINYL TILE MOHAWK HOT AND HEAVY BOLDER 36X36 925 PEBBLE MONOLITHIC	CPT-3	MOHAWK GROUP CARPET TILE COLOR: BALANCE GT405 CONCRETE 949 HALF LAP 12 X 36
TL-1	CROSSVILLE TILE COLOR: SLINKY 12X12	F5	WALK-OFF MAT MOHAWK GROUP STEP IN STYLE II 955 COBALT QUARTER TURN 24 X 24
CPT-1	MOHAWK GROUP CARPET TILE ANGLED PERCEPTION 937 WET CEMENT HALF LAP 12 X 36		

GENERAL NOTE

1. WALLS THAT HAVE GRAPHICS WILL HAVE A LEVEL 5 FINISH
2. WALLS IN MECHANICAL AREA, ELECTRICAL CLOSETS, ECT WILL BE A LEVEL 1
3. WALLS IN ALL OTHER AREAS WILL HAVE LEVEL 4.

ROOM FINISH LEGEND

FLOOR
- F1 LVT-1 MOHAWK LUXURY VINYL TILE 36" X 36' HOT AND HEAVY BOLDER 832 RIVER ROCK, MONOLITHIC
- F2 TL-1 CROSSVILLE CERAMIC TILE 12" X12" COLOR BLOX SLINKY GROUT:LATICRETE 78 STERLING SILVER
- F3 CPT1, CPT3 MOHAWK CARPET TILE 12" X 36" (SEE LEGEND AND PATTERN PLAN FOR ACCENT CARPET LOCATION FIRST FLOOR ONLY F100)
- F4 EXISTING CONCRETE TO REMAIN
- F5 WO-1 MOHAWK GROUP WALK-OFF CARPET STEP IN STYLE II 24X24 955 COBALT QUARTER TURN
- F6 EXISTING TO REMAIN
- F7 LVT-2 MOHAWK LUXURY VINYL TILE 36" X 36' HOT AND HEAVY BOLDER 925 PEBBLE, MONOLITHIC

BASE
- B1 WB-1 TARKETT 4½" PERCEPTIONS CONTOUR RUBBER BASE .282 VAPORIZE
- B2 SC-2 SCHLUTER DILEX AHK COLOR: ANODIZED ALUMINUM
- B3 EXITING TO REMAIN

WALL
- W1 PT-1 PAINTED GYP. BD WALLS COLOR:BENJAMIN MOORE OC-149 DECORATOR'S WHITE-TYPICAL WALL COLOR
- W2 CROSSVILLE COLOR BLOX 12X12 PORCELAIN TILE WAINSCOT SLINKY GROUT:LATICRETE 78 STERLING SILVER, ACCENT TILE:CROSSVILLE TL-2A OXBLOOD, TL-2B GOLDENROD, TL-2C IRIS, TL-2D SMOKE AND TL-2E GHOST (SEE ELEVATIONS 1/A400, 2/A400, 2A/A400). PAINT PT2 ABOVE.
- W3 EXISTING TO REMAIN
- W4 PT-2 PAINTED GYP. BD WALLS COLOR:BENJAMIN MOORE HC-172 REVERE PEWTER(SEE F101 AND F102 FOR ACCENT COLOR LOCATIONS)
- W5 PT-3 PAINTED GYP. BD WALLS COLOR:BENJAMIN MOORE HC-166 KENDALL CHARCOAL(SEE F101 AND F102 FOR ACCENT COLOR LOCATIONS)
- W6 WILSONART PLASTIC LAMINATE WALL PANEL 7971K-12 UPTOWN WALNUT

CEILING
- C1 ACT-1 ARMSTRONG DUNE 2X2
- C2 C-1 TAPE TEXTURE AND PAINT GYP. BD. CEILINGS
- C3 NOT USED
- C4 EXPOSED STRUCTURE
- C5 EXISTING TO REMAIN
- C6 SCHINDLER ELEVATOR CEILING WITH LED DOWNLIGHTS - ISLAND DOWNLIGHTS CEILING SATIN STAINLESS STEEL

PLASTIC LAMINATE
- PL-1 FORMICA PLASTIC LAMINATE ACCENT 845-AN SPECTRUM RED INFINITI FINISH
- PL-2 WILSONART PLASTIC LAMINATE CABINETS 7971K-12 UPTOWN WALNUT
- PL-3 WILSONART 7850-60 BEIGEWOOD - WINDOW SILLS

SOLID SURFACE COUNTERTOP
- SS-1 LG HAUSYS HI-MACS #005 WHITE GRANITE

ROOM FINISH SCHEDULE

Number	ROOM NAME	FLOOR	BASE	WALLS N	WALLS S	WALLS E	WALLS W	CEILING MATL	CEILING HEIGHT	NOTES
100	VESTIBULE	F5	B1	W1	W1	W1	W1	C1	9'-0"	--
101	STAIRS	F6	B3	W1	W1	W1	W1	C5	9'-0"	--
102	CASH VAULT	F3	B1	W1	W1	W1	W1	C5	8'-0"	--
103	SD VAULT	F3	B1	W1	W1	W1	W1	C5	8'-0"	--
104	COIN	F3	B1	W1	W1	W1	W1	C1	9'-0"	--
105	COUPON BOOTH B	F3	B1	W1	W1	W1	W1	C1	9'-0"	--
106	COUPON BOOTH A	F3	B1	W1	W1	W1	W1	C1	9'-0"	--
107	ASS. MGR OFFICE	F3	B1	W1	W1	W1	W1	C1	9'-0"	--
108	CORRIDOR A	F3	B1	W1	W1	W1	W1	C1	9'-0"	--
109	CONFERENCE	F3	B1	W1	W1	W1	W1	C1	9'-0"	--
110	EXIT	F1	B1	W1	W1	W1	W1	C1	9'-0"	--
111	MECHANICAL	F4	B1	W3	W3	W3	W3	C4		--
112	EX MECH	F4	B1	W3	W3	W3	W3	C4		--
113	BREAK RM	F1	B1	W1	W1	W1	W1	C5	9'-0"	--
114	STAIRS	F6	B3	W1	W1	W1	W1	C5	9'-0"	--
115	ENTRY	F1	B1	W1	W1	W1	W1	C5	9'-0"	--
116	MENS	F2	B2	W2	W2	W2	W2	C1	8'-0"	--
117	WOMENS	F2	B2	W2	W2	W2	W2	C1	8'-0"	--
118	ANTE	F3	B1	W1	W1	W1	W1	C2	8'-0"	--
119	SPKLR	F4	B1	W3	W3	W3	W3	C5	9'-0"	--
120	MSR OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
121	MSR OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
122	MSR OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
123	MSR OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
124	MSR OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
125	MSR OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
126	OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
127	OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
128	OFFICE	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
129	ELV. PUMP RM	F4	B1	W1	W1	W1	W1	C5	9'-0"	--
130	STOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	--
131	ELEVATOR	F1	B1	W6	W6	W6	W6	C6		--
132	SECRETARY	F3	B2	W1	W1	W1	--	C1	9'-0"	--
133	SEATING D	F3	--	--	W1	--	--	C1	10'-0"	--
134	SEATING E	F3	B1	--	W1	W1	W1	C1	10'-0"	--
135	GREETER	F3	--	--	--	--	--	C1	10'-0"	--
136	SEATING C	F3	B1	--	--	W1	--	C1	10'-0"	--
137	SEATING A	F3	--	--	--	--	--	C1/C2	9'-0"	--
138	SEATING B	F3	B1	W1	--	W1	--	C1/C2	9'-0"	--
139	COFFEE	F1	B1	W1	--	--	--	C1/C2	9'-0"	--
140	TELLER BAR	F3	B1	W1	--	--	W1	C2	9'-0"	--
141	WORKROOM	F1	B1	W1	W1	W1	W1	C1	9'-0"	--
142	BREAK RM	F1	B1	W1	W1	W1	W1	C1	9'-0"	--
143	CORRIDOR B	F1	B1	W1	W1	W1	W1	C1	9'-0"	--
144	WELLNESS	F3	B1	W1	W1	W1	W1	C1	9'-0"	--
145	ELEC	F6	B3	W3	W3	W3	W3	C5	9'-0"	--
146	STOR	F1	B1	W1	W1	W1	W1	C1	9'-0"	--
147	FLEX SPACE	F3	F1	W1	W1	W1	W1	C1	9'-0"	--
148	JAN	F6	B3	W3	W3	W3	W3	C5	9'-0"	--
149	PASSAGE	F3	B1	W1	W1	W1	W1	C1	9'-0"	--
150	IT	F6	B3	W3	W3	W3	W3	C5	9'-0"	--
151	CORRIDOR C	F1	B1	W1	W1	W1	W1	C1	9'-0"	--
152	OPS WORKROOM	F1	B1	W1	W1	W1	W1	C1	9'-0"	--
153	MGR OFFICE	F1	B1	W1	W1	W1	W1	C1	8'-0"	--
154	CORRIDOR D	F1	B1	W1	W1	W1	W1	C1	9'-0"	--

FINISH SCHEDULE

TAG	ITEM	MANUFACTURER	PRODUCT	FINISH/COLOR	SIZE	NOTES
FLOOR						
CPT-1	CARPET TILE	MOHAWK GROUP	ANGLED PERCEPTION	937 WET CEMENT HALF LAP	12 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
CPT-2	NOT USED					
CPT-3	CARPET TILE	MOHAWK GROUP	COLOR BALANCE GT405	CONCRETE 839 HALF LAP	12 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
LVT-1	LUXURY VINYL TILE	MOHAWK GROUP	HOT AND HEAVY BOLDER	832 RIVER ROCK MONOLITHIC	36 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
WO-1	WALK-OFF MAT	MOHAWK GROUP	STEP IN STYLE II	955 COBALT QUARTER TURN	24 X 24	
TL-1	CERAMIC TILE	CROSSVILLE	COLOR BLOX	SLINKY	12X12	
LVT-2	LUXURY VINYL TILE	MOHAWK GROUP	HOT AND HEAVY BOLDER	925 PEBBLE MONOLITHIC	36 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
BASE						
WB-1	WALL BASE	TARKETT	PERCEPTIONS	282 VAPORIZE	41/4" CONTOUR	
SC-2	WALL/FLOOR BASE	SCHLUTER DILEX AHK	SCHLUTER SYSTEMS	ANODIZED ALUMINUM		
WALL						
WC-1	WALLCOVERING	FILZFELT	TRIANGLE 90 BLOCK	170 ASCHE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-1	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	274 SENF	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-2	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	150 WEIB	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-3	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	312 LAGUNE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-4	WALLCOVERING ACCENT	FILZFELT	TRIANGLE 90 BLOCK	125 TOMATE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
TL-2A	CERAMIC TILE	CROSSVILLE	CURSIVE	OXBLOOD	6" TRIANGLE	
TL-2B	CERAMIC TILE	CROSSVILLE	CURSIVE	GOLDENROD	6" TRIANGLE	
TL-2C	CERAMIC TILE	CROSSVILLE	CURSIVE	IRIS	6" TRIANGLE	
TL-2D	CERAMIC TILE	CROSSVILLE	CURSIVE	SMOKE	6" TRIANGLE	
TL-2E	CERAMIC TILE	CROSSVILLE	CURSIVE	GHOST	6" TRIANGLE	
WD-1	ACCENT WOOD	TG1 V-MATCH HICKORY		STAIN TO MATCH WILSONART 7971 UPTOWN WALNUT	3/4" X 4 1/4"	
L-5	LEVEL 5 FINISH					
CEILING						
ACT-1	ACOUSTICAL TILE	ARMSTRONG	DUNE 24" X 24"			
C-1	GYPSUM BOARD CEILING		5/8" GYP. BD. CEILING ON METAL STUDS			
EX-1	EXISTING TO REMAIN					
WALL PAINT						
PT-1	TYPICAL WALL	BENJAMIN MOORE		OC-149 DECORATOR'S WHITE		EGGSHALL
PT-2	TYPICAL WALL	BENJAMIN MOORE		HC-172 REVERE PEWTER		EGGSHALL
PT-3	TYPICAL WALL	BENJAMIN MOORE		HC-166 KENDALL CHARCOAL		EGGSHALL
PT-4	ACCENT COLOR	BENJAMIN MOORE		3003-10 MILLION DOLLAR RED		EGGSHALL

MILLWORK PLASTIC LAMINATE						
PL-1	PLASTIC LAMINATE	FORMICA		845-AN SPECTRUM RED		MILLWORK
PL-2	PLASTIC LAMINATE	WILSONART		7971 UPTOWN WALNUT		MILLWORK
PL-3	PLASTIC LAMINATE	WILSONART		7850-60 BEIGEWOOD		NEW WINDOW SILLS
MILLWORK COUNTERTOP						
SS-1	SOLID SURFACE	LG HAUSYS	HI-MACS	G005 WHITE GRANITE		
TRANSITIONS						
SC-1	CARPET/TILE TRANSITION STRIP	SCHKUTER SCHIENE STRIP	SCHLUTER SYSTEMS	FINISH: ANODIZED ALUMINUM		TRANSITION BETWEEN LVT AND CARPET
TOILET PARTITION						
TP-1	PHENOLIC PARTITION	ASI		SILVER GRAY #3000		

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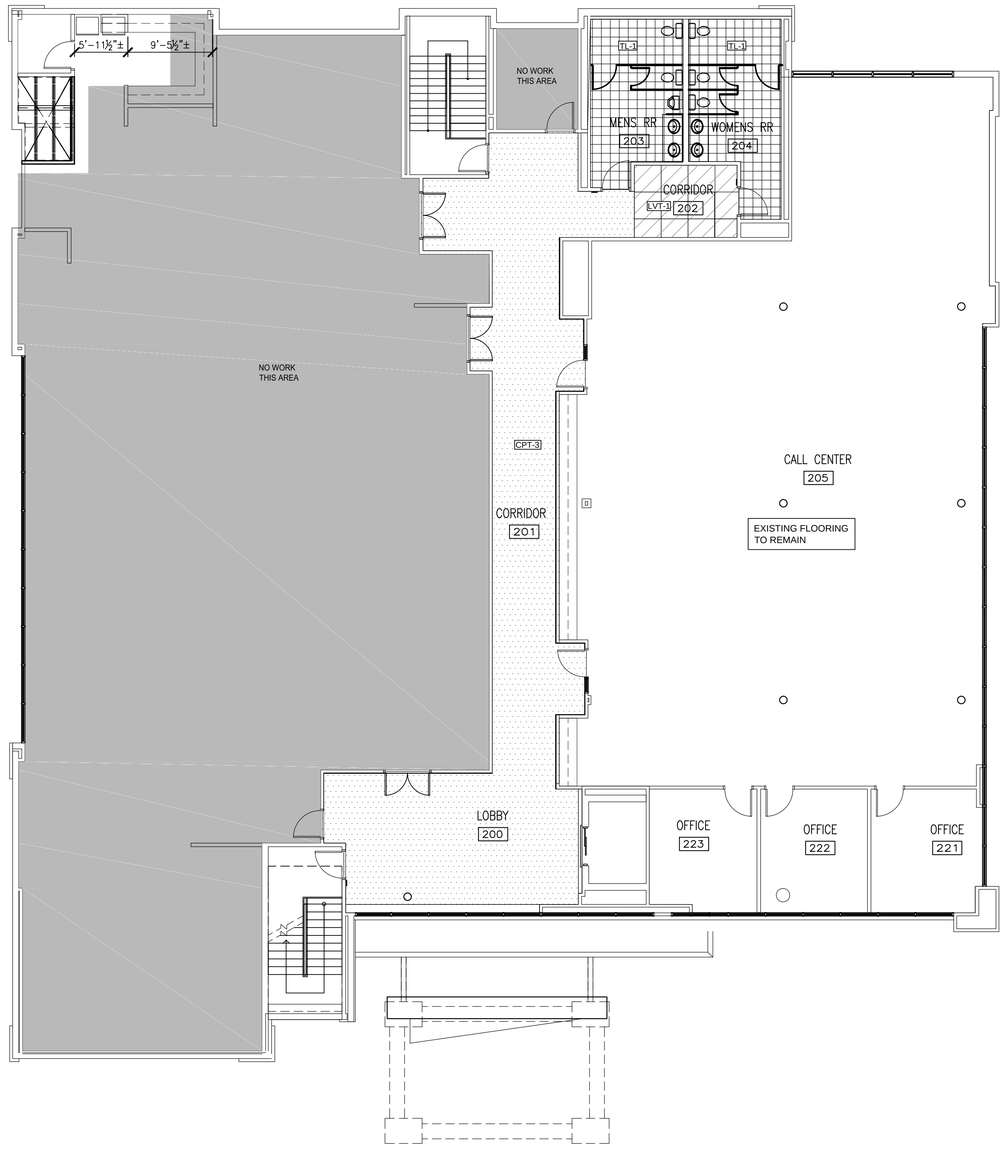
DRAWINGS SHEET TITLE
FIRST FLOOR FINISH, PATTERN PLANS AND SCHEDULE

SHEET NUMBER
F100

21041
PROJECT NUMBER

SAVED: WENDYS
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:51 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 inches)



CALLED NORTH

1 SECOND FLOOR FINISH, PATTERN PLANS AND SCHEDULE
SCALE: NTS

LEGEND

LVT-1	LUXURY VINYL TILE MOHAWK HOT AND HEAVY BOLDER 36X36 832 RIVER WALK MONOLITHIC
LVT-2	LUXURY VINYL TILE MOHAWK HOT AND HEAVY BOLDER 36X36 925 PEBBLE MONOLITHIC
TL-1	CROSSVILLE TILE COLOR: SLINKY 12X12
CPT-1	MOHAWK GROUP CARPET TILE ANGLED PERCEPTIO 937 WET CEMENT HALF LAP 12 X 36
CPT-2	NOT USED
CPT-3	MOHAWK GROUP CARPET TILE COLOR: BALANCE GT405 CONCRETE 949 HALF LAP 12 X 36
F5	WALK-OFF MAT MOHAWK GROUP STEP IN STYLE II 955 COBALT QUARTER TURN 24 X 24

ROOM FINISH LEGEND

FLOOR
- F1 LVT-1 MOHAWK LUXURY VINYL TILE 36" X 36' HOT AND HEAVY BOLDER 832 RIVER ROCK, MONOLITHIC
- F2 TL-1 CROSSVILLE CERAMIC TILE 12" X12" COLOR BLOX SLINKY GROUT:LATICRETE 78 STERLING SILVER
- F3 CPT1, CPT3 MOHAWK CARPET TILE 12" X 36" (SEE LEGEND AND PATTERN PLAN FOR ACCENT CARPET LOCATION FIRST FLOOR ONLY F100)
- F4 EXISTING CONCRETE TO REMAIN
- F5 WO-1 MOHAWK GROUP WALK-OFF CARPET STEP IN STYLE II 24X24 955 COBALT QUARTER TURN
- F6 EXISTING TO REMAIN
- F7 LVT-2 MOHAWK LUXURY VINYL TILE 36" X 36' HOT AND HEAVY BOLDER 925 PEBBLE, MONOLITHIC

BASE
- B1 WB-1 TARKETT 4½" PERCEPTIONS CONTOUR RUBBER BASE 282 VAPORIZE
- B2 SC-2 SCHLUTER DILEX AHK COLOR: ANODIZED ALUMINUM
- B3 EXITING TO REMAIN

WALL
- W1 PT-1 PAINTED GYP. BD WALLS COLOR:BENJAMIN MOORE OC-149 DECORATOR'S WHITE-TYPICAL WALL COLOR
- W2 CROSSVILLE COLOR BLOX 12X12 PORCELAIN TILE WAINSCOT SLINKY GROUT:LATICRETE 78 STERLING SILVER, ACCENT TILE:CROSSVILLE TL-2A OXBLOOD, TL-2B GOLDENROD, TL-2C IRIS, TL-2D SMOKE AND TL-2E GHOST (SEE ELEVATIONS 1/A400, 2/A400, 2A/A400). PAINT PT2 ABOVE.
- W3 EXISTING TO REMAIN
- W4 PT-2 PAINTED GYP. BD WALLS COLOR:BENJAMIN MOORE HC-172 REVERE PEWTER(SEE F101 AND F102 FOR ACCENT COLOR LOCATIONS)
- W5 PT-3 PAINTED GYP. BD WALLS COLOR:BENJAMIN MOORE HC-166 KENDALL CHARCOAL(SEE F101 AND F102 FOR ACCENT COLOR LOCATIONS)
- W6 WILSONART PLASTIC LAMINATE WALL PANEL 7971K-12 UPTOWN WALNUT

CEILING
- C1 ACT-1 ARMSTRONG DUNE 2X2
- C2 C-1 TAPE TEXTURE AND PAINT GYP. BD. CEILINGS
- C3 NOT USED
- C4 EXPOSED STRUCTURE
- C5 EXISTING TO REMAIN
- C6 SCHINDLER ELEVATOR CEILING WITH LED DOWNLIGHTS - ISLAND DOWNLIGHTS CEILING SATIN STAINLESS STEEL

PLASTIC LAMINATE
- PL-1 FORMICA PLASTIC LAMINATE ACCENT 845-AN SPECTRUM RED INFINITI FINISH
- PL-2 WILSONART PLASTIC LAMINATE CABINETS 7971K-12 UPTOWN WALNUT
- PL-3 WILSONART 7850-60 BEIGEWOOD - WINDOW SILLS

SOLID SURFACE COUNTERTOP
- SS-1 LG HAUSYS HI-MACS #005 WHITE GRANITE

ROOM FINISH SCHEDULE

Number	ROOM NAME	FLOOR	BASE	WALLS N	WALLS S	WALLS E	WALLS W	CEILING MATL	CEILING HEIGHT	NOTES
200	LOBBY	F3	B1	W1	W1	W1	W1	C5	9'-0"	--
201	CORRIDOR	F3	B1	W1	W1	W1	W1	C1/C2	9'-0"	--
202	CORRIDOR	F3	B1	W1	W1	W1	W1	C1/C2	9'-2"	--
203	MENS RR	F2	B2	W2	W2	W2	W2	C1	8'-0"	--
204	WOMENS RR	F2	B2	W2	W2	W2	W2	C1	8'-0"	--
205	CALL CENTER	F6	B3	W1	W1	W1	W1	C1	9'-6"	--
221	OFFICE	F6	B1	W1	W1	W1	W1	C5	9'-0"	--
222	OFFICE	F6	B1	W1	W1	W1	W1	C5	9'-0"	--
223	OFFICE	F6	B1	W1	W1	W1	W1	C5	9'-0"	--

FINISH SCHEDULE

TAG	ITEM	MANUFACTURER	PRODUCT	FINISH/COLOR	SIZE	NOTES
FLOOR						
CPT-1	CARPET TILE	MOHAWK GROUP	ANGLED PERCEPTION	937 WET CEMENT HALF LAP	12 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
CPT-2	NOT USED					
CPT-3	CARPET TILE	MOHAWK GROUP	COLOR BALANCE GT405	CONCRETE 839 HALF LAP	12 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
LVT-1	LUXURY VINYL TILE	MOHAWK GROUP	HOT AND HEAVY BOLDER	832 RIVER ROCK MONOLITHIC	36 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
WO-1	WALK-OFF MAT	MOHAWK GROUP	STEP IN STYLE II	955 COBALT QUARTER TURN	24 X 24	
TL-1	CERAMIC TILE	CROSSVILLE	COLOR BLOX	SLINKY	12X12	
LVT-2	LUXURY VINYL TILE	MOHAWK GROUP	HOT AND HEAVY BOLDER	925 PEBBLE MONOLITHIC	36 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
BASE						
WB-1	WALL BASE	TARKETT	PERCEPTIONS	282 VAPORIZE	41/4" CONTOUR	
SC-2	WALL/FLOOR BASE	SCHLUTER DILEX AHK	SCHLUTER SYSTEMS	ANODIZED ALUMINUM		
WALL						
WC-1	WALLCOVERING	FILZFELT	TRIANGLE 90 BLOCK	170 ASCHE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-1	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	274 SENF	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-2	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	150 WEIB	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-3	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	312 LAGUNE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-4	WALLCOVERING ACCENT	FILZFELT	TRIANGLE 90 BLOCK	125 TOMATE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
TL-2A	CERAMIC TILE	CROSSVILLE	CURSIVE	OXBLOOD	6" TRIANGLE	
TL-2B	CERAMIC TILE	CROSSVILLE	CURSIVE	GOLDENROD	6" TRIANGLE	
TL-2C	CERAMIC TILE	CROSSVILLE	CURSIVE	IRIS	6" TRIANGLE	
TL-2D	CERAMIC TILE	CROSSVILLE	CURSIVE	SMOKE	6" TRIANGLE	
TL-2E	CERAMIC TILE	CROSSVILLE	CURSIVE	GHOST	6" TRIANGLE	
WD-1	ACCENT WOOD	TG1 V-MATCH HICKORY		STAIN TO MATCH WILSONART 7971 UPTOWN WALNUT	3/4" X 4 1/4"	
L-5	LEVEL 5 FINISH					
CEILING						
ACT-1	ACOUSTICAL TILE	ARMSTRONG	DUNE 24" X 24"			
C-1	GYPSUM BOARD CEILING		5/8" GYP. BD. CEILING ON METAL STUDS			
EX-1	EXISTING TO REMAIN					
WALL PAINT						
PT-1	TYPICAL WALL	BENJAMIN MOORE		OC-149 DECORATOR'S WHITE		EGGSHALL
PT-2	TYPICAL WALL	BENJAMIN MOORE		HC-172 REVERE PEWTER		EGGSHALL
PT-3	TYPICAL WALL	BENJAMIN MOORE		HC-166 KENDALL CHARCOAL		EGGSHALL
PT-4	ACCENT COLOR	BENJAMIN MOORE		3003-10 MILLION DOLLAR RED		EGGSHALL

MILLWORK PLASTIC LAMINATE						
PL-1	PLASTIC LAMINATE	FORMICA		845-AN SPECTRUM RED		MILLWORK
PL-2	PLASTIC LAMINATE	WILSONART		7971 UPTOWN WALNUT		MILLWORK
PL-3	PLASTIC LAMINATE	WILSONART		7850-60 BEIGEWOOD		NEW WINDOW SILLS
MILLWORK COUNTERTOP						
SS-1	SOLID SURFACE	LG HAUSYS	HI-MACS	G005 WHITE GRANITE		
TRANSITIONS						
SC-1	CARPET/TILE TRANSITION STRIP	SCHKUTER SCHIENE STRIP	SCHLUTER SYSTEMS	FINISH: ANODIZED ALUMINUM		TRANSITION BETWEEN LVT AND CARPET
TOILET PARTITION						
TP-1	PHENOLIC PARTITION	ASI		SILVER GRAY #3000		

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
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4/11/2022

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4/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

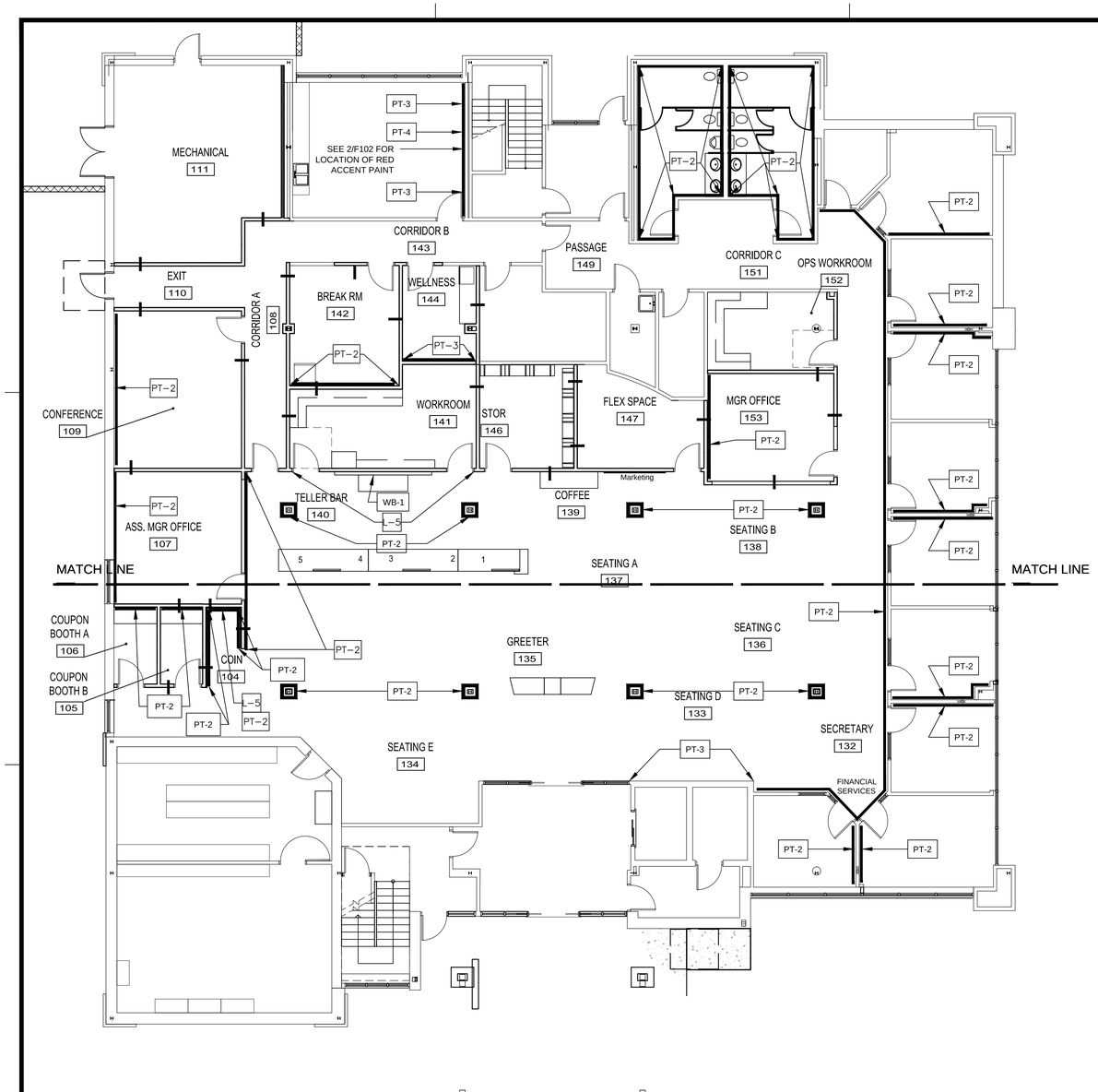
ISSUED FOR
- SCHEMATIC DESIGN X DATE: 9/7/2021
- DESIGN DEVELOPMENT X DATE: 3/1/2022
- BIDS & CONSTRUCTION X DATE: 4/11/2022
- REVISION: DATE:
- REVISION: DATE:
- REVISION: DATE:

DRAWINGS SHEET TITLE
SECOND FLOOR FINISH, PATTERN PLANS AND SCHEDULE

SHEET NUMBER
F101

21041
PROJECT NUMBER

SAVED: WENDYS
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:51 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



CALLED NORTH

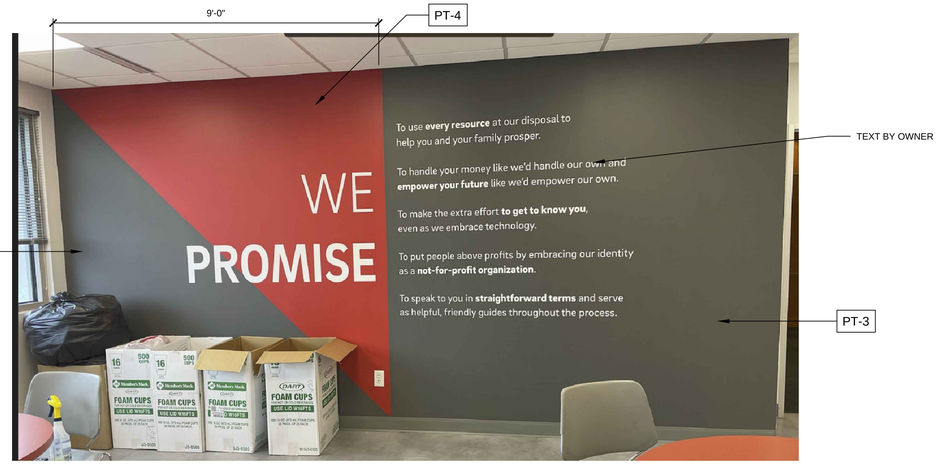
1 FIRST FLOOR ACCENT PAINT LOCATION PLAN

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

FINISH SCHEDULE

TAG	ITEM	MANUFACTURER	PRODUCT	FINISH/COLOR	SIZE	NOTES
FLOOR						
CPT-1	CARPET TILE	MOHAWK GROUP	ANGLED PERCEPTION	937 WET CEMENT HALF LAP	12 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
CPT-2	NOT USED					
CPT-3	CARPET TILE	MOHAWK GROUP	COLOR BALANCE GT405	CONCRETE 839 HALF LAP	12 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
LVT-1	LUXURY VINYL TILE	MOHAWK GROUP	HOT AND HEAVY BOLDER	832 RIVER ROCK MONOLITHIC	36 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
WO-1	WALK-OFF MAT	MOHAWK GROUP	STEP IN STYLE II	955 COBALT QUARTER TURN	24 X 24	
TL-1	CERAMIC TILE	CROSSVILLE	COLOR BLOX	SLINKY	12X12	
LVT-2	LUXURY VINYL TILE	MOHAWK GROUP	HOT AND HEAVY BOLDER	925 PEBBLE MONOLITHIC	36 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
BASE						
WB-1	WALL BASE	TARKETT	PERCEPTIONS	282 VAPORIZE	41/4" CONTOUR	
SC-2	WALL/FLOOR BASE	SCHLUTER DILEX AHK	SCHLUTER SYSTEMS	ANODIZED ALUMINUM		
WALL						
WC-1	WALLCOVERING	FILZFELT	TRIANGLE 90 BLOCK	170 ASCHE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-1	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	274 SENF	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-2	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	150 WEIB	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-3	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	312 LAGUNE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-4	WALLCOVERING ACCENT	FILZFELT	TRIANGLE 90 BLOCK	125 TOMATE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
TL-2A	CERAMIC TILE	CROSSVILLE	CURSIVE	OXBLOOD	6" TRIANGLE	
TL-2B	CERAMIC TILE	CROSSVILLE	CURSIVE	GOLDENROD	6" TRIANGLE	
TL-2C	CERAMIC TILE	CROSSVILLE	CURSIVE	IRIS	6" TRIANGLE	
TL-2D	CERAMIC TILE	CROSSVILLE	CURSIVE	SMOKE	6" TRIANGLE	
TL-2E	CERAMIC TILE	CROSSVILLE	CURSIVE	GHOST	6" TRIANGLE	
WD-1	ACCENT WOOD	TG1 V-MATCH HICKORY		STAIN TO MATCH WILSONART 7971 UPTOWN WALNUT	3/4" X 4 1/4"	
L-5	LEVEL 5 FINISH					
CEILING						
ACT-1	ACOUSTICAL TILE	ARMSTRONG	DUNE 24" X 24"			
C-1	GYPSUM BOARD CEILING		5/8" GYP. BD. CEILING ON METAL STUDS			
EX-1	EXISTING TO REMAIN					
WALL PAINT						
PT-1	TYPICAL WALL	BENJAMIN MOORE		OC-149 DECORATOR'S WHITE		EGGSHALL
PT-2	TYPICAL WALL	BENJAMIN MOORE		HC-172 REVERE PEWTER		EGGSHALL
PT-3	TYPICAL WALL	BENJAMIN MOORE		HC-166 KENDALL CHARCOAL		EGGSHALL
PT-4	ACCENT COLOR	BENJAMIN MOORE		3003-10 MILLION DOLLAR RED		EGGSHALL

MILLWORK PLASTIC LAMINATE						
PL-1	PLASTIC LAMINATE	FORMICA		845-AN SPECTRUM RED		MILLWORK
PL-2	PLASTIC LAMINATE	WILSONART		7971 UPTOWN WALNUT		MILLWORK
PL-3	PLASTIC LAMINATE	WILSONART		7850-60 BEIGEWOOD		NEW WINDOW SILLS
MILLWORK COUNTERTOP						
SS-1	SOLID SURFACE	LG HAUSYS	HI-MACS	G005 WHITE GRANITE		
TRANSITIONS						
SC-1	CARPET/TILE TRANSITION STRIP	SCHKUTER SCHIENE STRIP	SCHLUTER SYSTEMS	FINISH: ANODIZED ALUMINUM		TRANSITION BETWEEN LVT AND CARPET
TOILET PARTITION						
TP-1	PHENOLIC PARTITION	ASI		SILVER GRAY #3000		



2 FIRST FLOOR ACCENT PAINT LOCATION PLAN

SCALE: NTS

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

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4/11/2022

REGISTERED ARCHITECT RONALD M. JONES 13662 STATE OF TEXAS

4/11/2022

PORT ARTHUR BRANCH RENOVATION

5Point Credit Union

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Port Arthur, TX 77642

ISSUED FOR

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DESIGN DEVELOPMENT X
DATE: 3/1/2022

BIDS & CONSTRUCTION X
DATE: 4/11/2022

REVISION:
DATE:

REVISION:
DATE:

REVISION:
DATE:

DRAWINGS SHEET TITLE

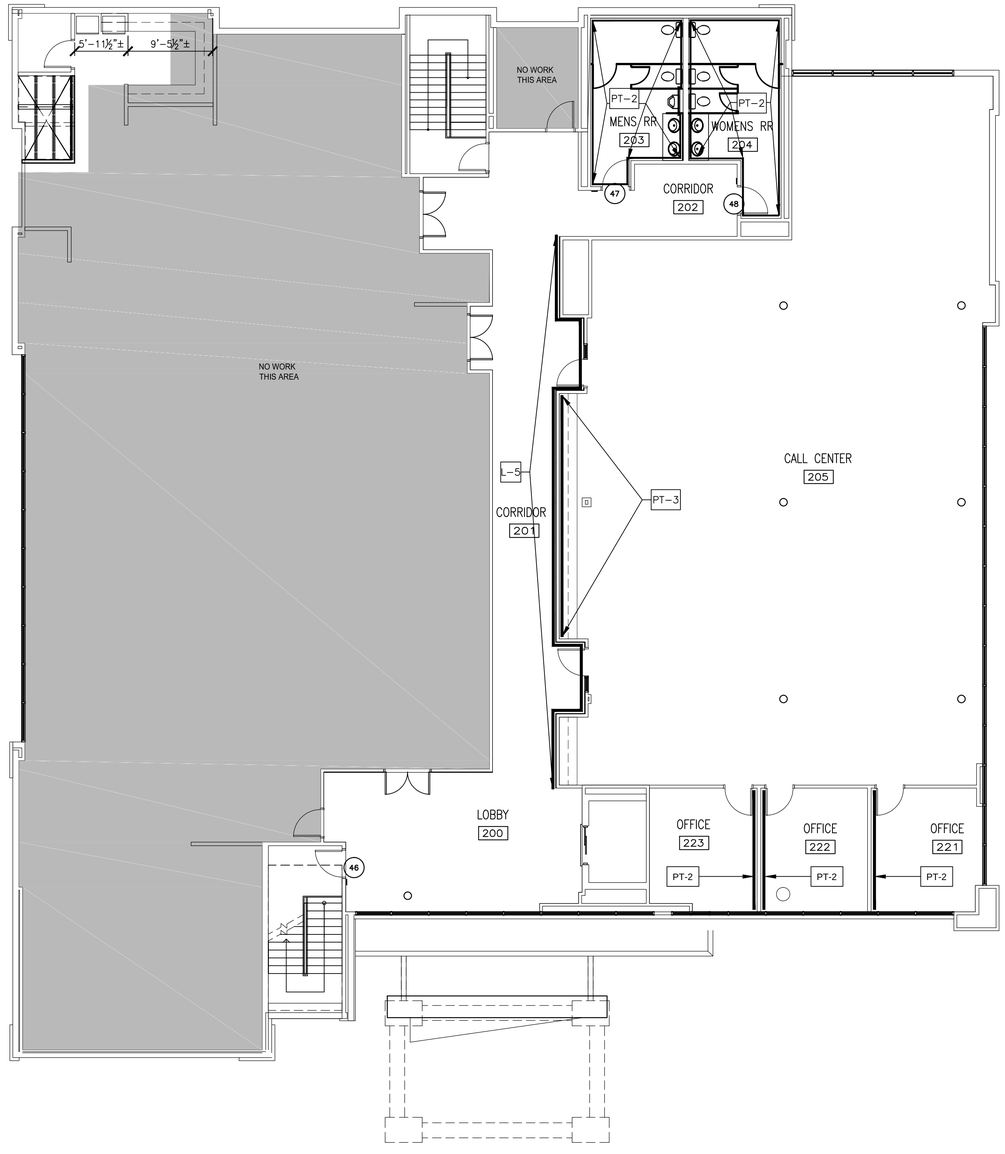
FIRST FLOOR ACCENT PAINT LOCATION PLAN

SHEET NUMBER

F102

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:51 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)



N

CALLED NORTH

1 SECOND FLOOR ACCENT PAINT LOCATION PLAN

SCALE: NTS

FINISH SCHEDULE

TAG	ITEM	MANUFACTURER	PRODUCT	FINISH/COLOR	SIZE	NOTES
FLOOR						
CPT-1	CARPET TILE	MOHAWK GROUP	ANGLED PERCEPTION	937 WET CEMENT HALF LAP	12 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
CPT-2	NOT USED					
CPT-3	CARPET TILE	MOHAWK GROUP	COLOR BALANCE GT405	CONCRETE 839 HALF LAP	12 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
LVT-1	LUXURY VINYL TILE	MOHAWK GROUP	HOT AND HEAVY BOLDER	832 RIVER ROCK MONOLITHIC	36 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
WO-1	WALK-OFF MAT	MOHAWK GROUP	STEP IN STYLE II	955 COBALT QUARTER TURN	24 X 24	
TL-1	CERAMIC TILE	CROSSVILLE	COLOR BLOX	SLINKY	12X12	
LVT-2	LUXURY VINYL TILE	MOHAWK GROUP	HOT AND HEAVY BOLDER	925 PEBBLE MONOLITHIC	36 X 36	SCHLUTER FLOOR TRANSITION STRIP AS NEEDED SEE SC-1 BELOW
BASE						
WB-1	WALL BASE	TARKETT	PERCEPTIONS	282 VAPORIZE	41/4" CONTOUR	
SC-2	WALL/FLOOR BASE	SCHLUTER DILEX AHK	SCHLUTER SYSTEMS	ANODIZED ALUMINUM		
WALL						
WC-1	WALLCOVERING	FILZFELT	TRIANGLE 90 BLOCK	170 ASCHE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-1	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	274 SENF	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-2	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	150 WEIB	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-3	WALLCOVERING - ACCENT	FILZFELT	TRIANGLE 90 BLOCK	312 LAGUNE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
AC-4	WALLCOVERING ACCENT	FILZFELT	TRIANGLE 90 BLOCK	125 TOMATE	12" TRIANLG E	BY OWNER, NOT IN CONTRACT
TL-2A	CERAMIC TILE	CROSSVILLE	CURSIVE	OXBLOOD	6" TRIANGLE	
TL-2B	CERAMIC TILE	CROSSVILLE	CURSIVE	GOLDENROD	6" TRIANGLE	
TL-2C	CERAMIC TILE	CROSSVILLE	CURSIVE	IRIS	6" TRIANGLE	
TL-2D	CERAMIC TILE	CROSSVILLE	CURSIVE	SMOKE	6" TRIANGLE	
TL-2E	CERAMIC TILE	CROSSVILLE	CURSIVE	GHOST	6" TRIANGLE	
WD-1	ACCENT WOOD	TG1 V-MATCH HICKORY		STAIN TO MATCH WILSONART 7971 UPTOWN WALNUT	3/4" X 4 1/4"	
L-5	LEVEL 5 FINISH					
CEILING						
ACT-1	ACOUSTICAL TILE	ARMSTRONG	DUNE 24" X 24"			
C-1	GYPSUM BOARD CEILING		5/8" GYP. BD. CEILING ON METAL STUDS			
EX-1	EXISTING TO REMAIN					
WALL PAINT						
PT-1	TYPICAL WALL	BENJAMIN MOORE		OC-149 DECORATOR'S WHITE		EGGSHALL
PT-2	TYPICAL WALL	BENJAMIN MOORE		HC-172 REVERE PEWTER		EGGSHALL
PT-3	TYPICAL WALL	BENJAMIN MOORE		HC-166 KENDALL CHARCOAL		EGGSHALL
PT-4	ACCENT COLOR	BENJAMIN MOORE		3003-10 MILLION DOLLAR RED		EGGSHALL

MILLWORK PLASTIC LAMINATE						
PL-1	PLASTIC LAMINATE	FORMICA		845-AN SPECTRUM RED		MILLWORK
PL-2	PLASTIC LAMINATE	WILSONART		7971 UPTOWN WALNUT		MILLWORK
PL-3	PLASTIC LAMINATE	WILSONART		7850-60 BEIGEWOOD		NEW WINDOW SILLS
MILLWORK COUNTERTOP						
SS-1	SOLID SURFACE	LG HAUSYS	HI-MACS	G005 WHITE GRANITE		
TRANSITIONS						
SC-1	CARPET/TILE TRANSITION STRIP	SCHKUTER SCHIENE STRIP	SCHLUTER SYSTEMS	FINISH: ANODIZED ALUMINUM		TRANSITION BETWEEN LVT AND CARPET
TOILET PARTITION						
TP-1	PHENOLIC PARTITION	ASI		SILVER GRAY #3000		

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Port Arthur, TX 77642

ISSUED FOR

SCHEMATIC DESIGN [X]
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DESIGN DEVELOPMENT [X]
DATE: 3/1/2022

BIDS & CONSTRUCTION [X]
DATE: 4/11/2022

REVISION:
DATE:

REVISION:
DATE:

REVISION:
DATE:

DRAWINGS SHEET TITLE

SECOND FLOOR ACCENT PAINT LOCATION PLAN

SHEET NUMBER

F103

21041
PROJECT NUMBER

SAVED: LEOT
PLOT: LEO TAN
PLOT DATE: 4/11/2022 1:51 PM
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

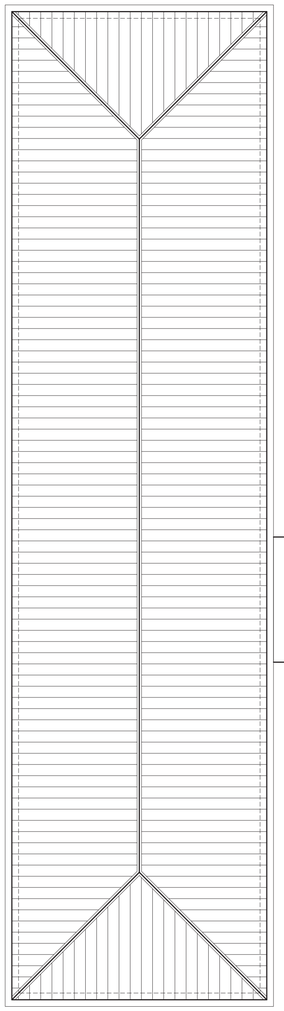
GENERAL NOTES:

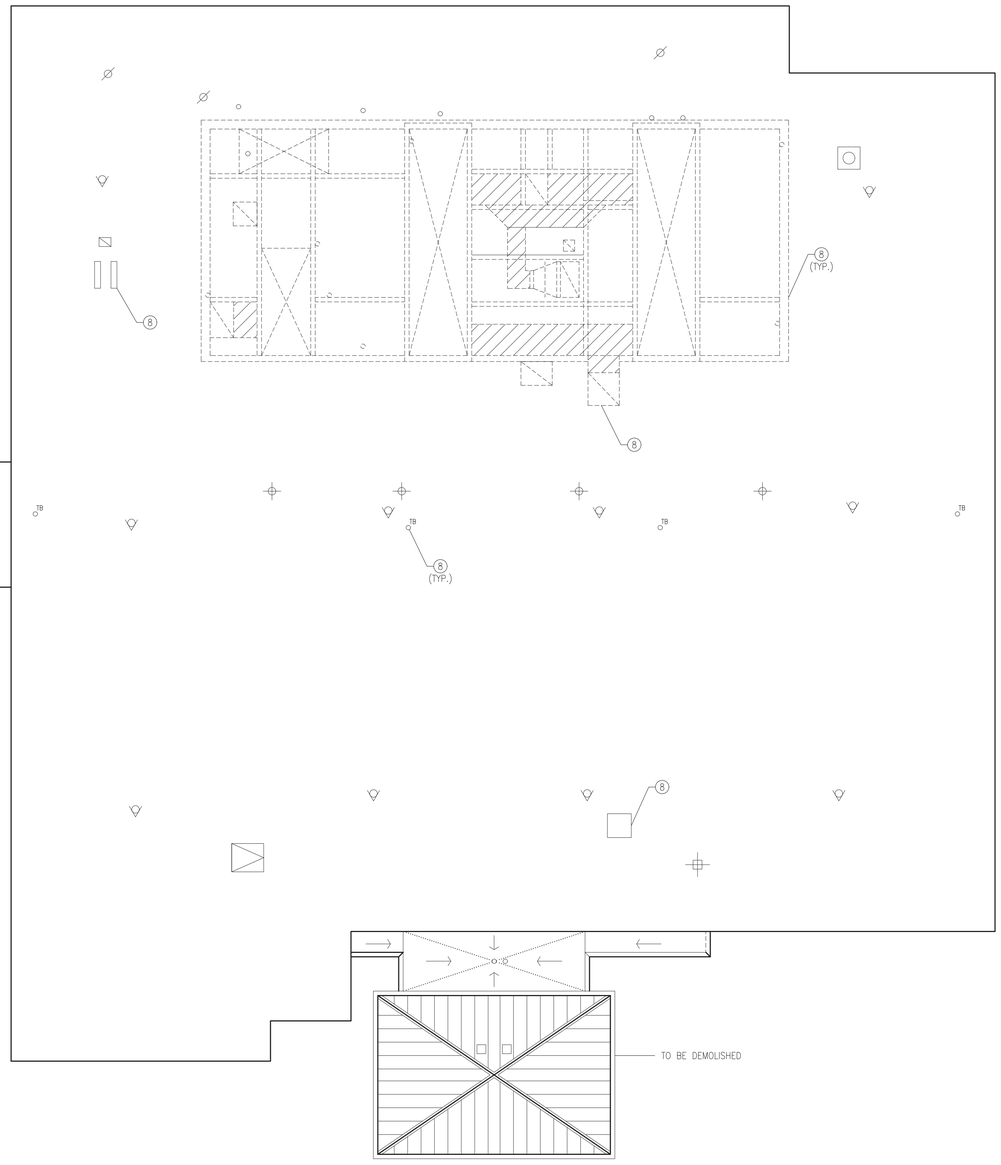
1. ALL DIMENSIONS, EQUIPMENT, AND PENETRATION LOCATIONS PRESENTED ON THE DRAWINGS ARE CONSIDERED APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
2. THESE DRAWINGS AND DETAILS ACCOMPANY SPECIFICATIONS AND DOCUMENTS THAT COMPRISE A PROJECT MANUAL.
3. DETAILS ARE DESIGNATED AT REPRESENTATIVE LOCATIONS. EACH LOCATION AND SIMILAR CONDITIONS ARE TO BE TREATED ACCORDINGLY.
4. TYPICAL DETAIL DESIGNATION: (1 / R#1) — 1 DETAIL NUMBER, R#1 SHEET NUMBER
5. UNLESS INDICATED BY THE TERM "EXISTING", ITEMS PRESENTED ON DETAIL DRAWINGS ARE CONSIDERED TO BE NEW AND FURNISHED BY CONTRACTOR.
6. TYPICAL EXISTING ROOF CONSTRUCTION IS AS FOLLOWS:

   THERMOPLASTIC SINGLE-PLY MEMBRANE; ½-INCH EXPANDED POLYSTYRENE INSULATION BOARD; 2½-INCHES POLYISOCYANURATE INSULATION BOARD; AND FLUTED STEEL DECK.
7. REMOVE EXISTING SINGLE-PLY ROOF MEMBRANE AND EPS BOARD. REMOVE, SALVAGE AND INSPECT EXISTING POLYISOCYANURATE INSULATION BOARD TO REMAIN; REPLACE BOARDS THAT EXHIBIT MOISTURE OR BIOLOGICAL GROWTH.
8. REMOVE DESIGNATED ABANDONED PENETRATIONS/ITEMS AS REQUIRED BY OWNER AND REPAIR OPENINGS IN DECK WITH NEW STEEL DECK. CUT STEEL SUPPORT POSTS AND TIE-BACKS FLUSH WITH SURFACE OF STEEL ROOF DECK.
9. WIRE BRUSH AND PAINT CORRODED AREAS OF STEEL ROOF DECK; ASSUME 1,000 SF OF DECK TO BE REPAIRED.
10. NEW ROOF SYSTEM – MAIN BUILDING:
    ONE LAYER OF 2.0-INCH ISO BOARD INSTALLED OVER EXISTING RE-INSTALLED 2.5-INCH ISO BOARD; WITH ½- INCH GYPSUM ROOF COVER BOARD, AND A TWO-PLY MODIFIED BITUMEN ROOF MEMBRANE CONSISTING OF ONE PLY OF SMOOTH SURFACED BASE PLY & ONE PLY OF GRANULE SURFACED CAP SHEET WITH WHITE REFLECTIVE SURFACING COMPLYING WITH IBC 2016 SECTION 1507.11; SECTION 1505.2: CLASS "A" FIRE CLASSIFICATION AND TO HAVE MINIMUM INITIAL SOLAR REFLECTANCE OF 0.70 OR 3-YR AGED SOLAR REFLECTANCE OF 0.55 AS TESTED PER ASTM C1549; E903, E1175, OR E1918 AND A MINIMUM INITIAL THERMAL EMITTANCE OF 0.75 OR 3-YR AGED THERMAL EMITTANCE OF 0.75 AS TESTED PER ASTM C835, C1371, OR E408; OR SRI OF 0.70 AS DETERMINED BY ASTM E1980.
11. NEW ROOF SYSTEM ON DRIVE-THRU: 1½- INCH POLYISOCYANURATE INSULATION BOARD, ¼-INCH/FT TAPERED INSULATION MECHANICALLY ATTACHED ½ – COVER BOARD ADHERED WITH LOW-RISE FOAM ADHESIVE AND 2-PLY MODIFIED BITUMEN MEMBRANE.
12. WATER TEST EXISTING ROOF DRAINS; WIRE BRUSH, CLEAN & PAINT C.I. CLAMP RINGS & C.I. STRAINERS TO BE REINSTALLED; SECURE CLAMP RINGS WITH NEW STAINLESS STEEL BOLTS/THREADED RODS, WASHERS & NUTS; REPLACE BROKEN &/OR MISSING COMPONENTS.
13. INSTALL TAPERED INSULATION SUMPS AT DRAINS AND CRICKETS BETWEEN ROOF DRAINS.
14. INSTALL NEW 2X TREATED (KADAT) WOOD NAILERS, AND PRE-MANUFACTURED OR SHOP-FABRICATED SHEET METAL COPING ALONG ROOF PERIMETER TO COMPLY WITH ANSI/SPRI ES-1, TEST STANDARD RE-3 AND TO MEET REQUIRED LOADS FOR 150 MPH WIND SPEED (166 PSF VERTICAL PRESSURE; 80 PSF HORIZONTAL PRESSURE).
15. PROVIDE NEW WOOD BLOCKING/NAILERS AS DESIGNATED ON DRAWINGS. BLOCKING/NAILERS AND/OR COMBINATION WITH PLYWOOD SHEATHING TO MATCH THICKNESS OF NEW ROOF SYSTEM AT RESPECTIVE LOCATIONS, AND WIDTH TO EXTEND BEYOND EDGE OF METAL FLANGE WHERE APPLICABLE.
16. PROVIDE ROOF SYSTEM TESTED IN ACCORDANCE WITH FM 4470 AND MEETING MINIMUM WIND UPLIFT PRESSURES AS FOLLOWS:

ASCE 7-16 ROOF SYSTEM WIND UPLIFT CRITERIA:	WIND SPEED: 140MPH EXPOSURE: B BUILDING CATEGORY: ENCLOSED SAFETY FACTOR: 2.0 RISK CATEGORY: II
FIELD	45 PSF
PERIMETER (A= 12' WIDE B= 4' WIDE)	90 PSF
CORNER (A= 12'X12' WIDE B= 4'X4' WIDE)	135 PSF

17. INSTALL WALK PADS AT ROOF ACCESS AND AROUND ROOFTOP EQUIPMENT.
18. SITE AND WORK AREAS SHALL BE CLEANED ON A DAILY BASIS AND MATERIALS/EQUIPMENT SECURED AT THE END OF EACH WORK DAY.
19. PROTECT BUILDING EXTERIOR AND GROUNDS INCLUDING SURFACES, GRASS, PLANTS, TREES, SHRUBS, AND OTHER LANDSCAPING, AND RETURN THE SITE AND ANY DAMAGED ITEMS TO ORIGINAL OR BETTER CONDITION. ANY SURFACES STAINED, MARRED, OR DAMAGED BY THE WORK SHALL BE RETURNED TO ORIGINAL OR BETTER CONDITION AND MATCH ADJACENT SURFACES.





N
CALLED NORTH

1 EXISTING ROOF PLAN
SCALE: 1/8"=1'-0"

LEGEND

OVERFLOW DRAIN	PLUMBING VENT
ROOF DRAIN	HEAT EXHAUST
WALL DRAIN	CURBED HEAT EXHAUST
SUMPED DRAIN	GRAVITY VENT
POWER VENT	GRAVITY VENT
CURBED VENT STACK	TURBINE VENT
CURBED TURBINE VENT	MOISTURE RELIEF VENT
ABANDONED PENETRATION	PITCH PAN
PIPING ON HANGERS	ROUND PENETRATION
PIPING ON SUPPORTS	GOOSENECK PENETRATION
PIPING ON CURBS	TIE-BACK
CONDENSATION DRAIN LINE	DAVIT
E – ELECTRICAL CONDUIT	PIPE BOX
G – GAS LINE	LIGHT
MS – MECHANICAL SCREEN	
W – CHILL / HOT WATER	EXPANSION JOINT
AT AIR TERMINAL	ROOF-TO-WALL EXPANSION JOINT
THROUGH-ROOF CONNECTION	METAL EDGE
ELEC ELECTRIC BOX/PANEL	DOWNSPOUT AND GUTTER
DUCT PENETRATION	PARAPET
EQUIPMENT CURB	THROUGH-WALL SCUPPER
VENT / INTAKE	THROUGH-EDGE SCUPPER
GRAVITY VENT	SCUPPER WITH COLLECTOR HEAD
EQUIPMENT ON SUPPORTS	WALL THICKNESS INDICATOR
EQUIPMENT ON PITCH PANS	WALL HEIGHT INDICATOR
EQUIPMENT ON SLEEPERS	SPLASHBLOCK
EQUIPMENT ON CURBS	CURBED DUCT PENETRATION
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ROOF-MOUNTED LADDER	DUCT ON STEEL
CAGED LADDER	ROOF HATCH
WALL-MOUNTED LADDER	SMOKE HATCH
WALKPAD	SKYLIGHT
DOOR ACCESS	STRUCTURAL SKYLIGHT
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ANTENNA	CHIMNEY
AREA IDENTIFICATION	ROUND GOOSENECK
CORE LOCATION	SQUARE GOOSENECK
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Architectural Alliance Incorporated
300 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectail.com

PRICE CONSULTING, INC.
PRICE CONSULTING, INC.
211 HIGHLAND CROSS, SUITE 220
HOUSTON, TEXAS 77073
PHONE: (281)209-1724
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PORT ARTHUR BRANCH RENOVATION
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Port Arthur, TX 77642
4401 Hwy 73

ISSUED FOR
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DATE: 9/7/2021
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DATE:

DRAWINGS SHEET TITLE
EXISTING ROOF PLAN

SHEET NUMBER
R2.00

21041
PROJECT NUMBER

SAVED: GREEBY1
PLOT: GREEBY1
PLOT DATE: 4/8/2022 5:18 PM
SHEET SIZE: Tabloid

GENERAL NOTES:

1. ALL DIMENSIONS, EQUIPMENT, AND PENETRATION LOCATIONS PRESENTED ON THE DRAWINGS ARE CONSIDERED APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.
2. THESE DRAWINGS AND DETAILS ACCOMPANY SPECIFICATIONS AND DOCUMENTS THAT COMPRISE A PROJECT MANUAL.
3. DETAILS ARE DESIGNATED AT REPRESENTATIVE LOCATIONS. EACH LOCATION AND SIMILAR CONDITIONS ARE TO BE TREATED ACCORDINGLY.
4. TYPICAL DETAIL DESIGNATION: (1 / R5.1 — 1 = DETAIL NUMBER, R5.1 = SHEET NUMBER)
5. UNLESS INDICATED BY THE TERM "EXISTING", ITEMS PRESENTED ON DETAIL DRAWINGS ARE CONSIDERED TO BE NEW AND FURNISHED BY CONTRACTOR.
6. TYPICAL EXISTING ROOF CONSTRUCTION IS AS FOLLOWS:

   THERMOPLASTIC SINGLE-PLY MEMBRANE; ½-INCH EXPANDED POLYSTYRENE INSULATION BOARD; 2½-INCHES POLYISOCYANURATE INSULATION BOARD; AND FLUTED STEEL DECK.
7. REMOVE EXISTING SINGLE-PLY ROOF MEMBRANE AND EPS BOARD. REMOVE, SALVAGE AND INSPECT EXISTING POLYISOCYANURATE INSULATION BOARD TO REMAIN; REPLACE BOARDS THAT EXHIBIT MOISTURE OR BIOLOGICAL GROWTH, AND PROVIDE UNIT PRICE FOR REMOVAL/REPLACEMENT.
8. REMOVE DESIGNATED ABANDONED PENETRATIONS/ITEMS AS REQUIRED BY OWNER AND REPAIR OPENINGS IN DECK WITH NEW STEEL DECK. CUT STEEL SUPPORT POSTS AND TIE-BACKS FLUSH WITH SURFACE OF STEEL ROOF DECK.
9. WIRE BRUSH AND PAINT CORRODED AREAS OF STEEL ROOF DECK; ASSUME 1,000 SF OF DECK TO BE REPAIRED.
10. NEW ROOF SYSTEM – MAIN BUILDING:
    ONE LAYER OF 2.0-INCH ISO BOARD INSTALLED OVER EXISTING RE-INSTALLED 2.5-INCH ISO BOARD; WITH ½- INCH GYPSUM ROOF COVER BOARD, AND A TWO-PLY MODIFIED BITUMEN ROOF MEMBRANE CONSISTING OF ONE PLY OF SMOOTH SURFACED BASE PLY & ONE PLY OF GRANULE SURFACED CAP SHEET WITH WHITE REFLECTIVE SURFACING COMPLYING WITH IBC 2016 SECTION 1507.11; SECTION 1505.2: CLASS "A" FIRE CLASSIFICATION AND TO HAVE MINIMUM INITIAL SOLAR REFLECTANCE OF 0.70 OR 3-YR AGED SOLAR REFLECTANCE OF 0.55 AS TESTED PER ASTM C1549; E903, E1175, OR E1918 AND A MINIMUM INITIAL THERMAL EMITTANCE OF 0.75 OR 3-YR AGED THERMAL EMITTANCE OF 0.75 AS TESTED PER ASTM C835, C1371, OR E408; OR SRI OF 0.70 AS DETERMINED BY ASTM E1980.
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FIELD	**45 PSF**
PERIMETER (A: 12' WIDE B: 4' WIDE)	**90 PSF**
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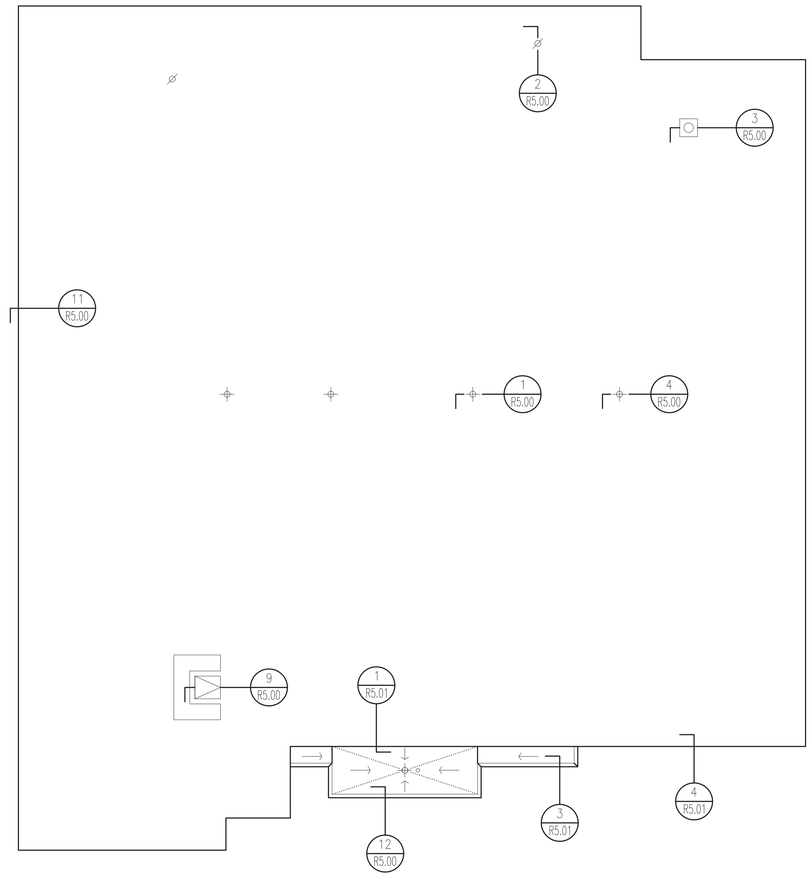

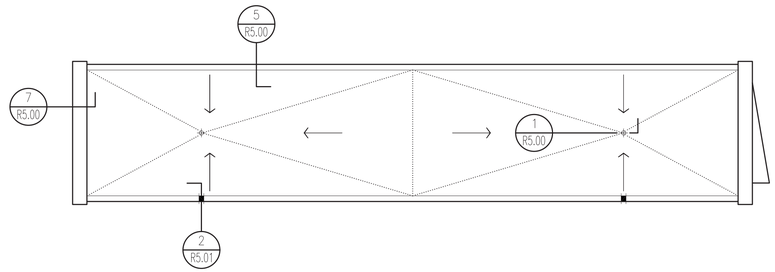

N
CALLED NORTH

1 NEW ROOF PLAN
SCALE: 1/8"=1'-0"

LEGEND

OVERFLOW DRAIN	PLUMBING VENT
ROOF DRAIN	HEAT EXHAUST
WALL DRAIN	CURBED HEAT EXHAUST
SUMPED DRAIN	GRAVITY VENT
POWER VENT	GRAVITY VENT
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ARCHITECTURAL ALLIANCE INCORPORATED
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Edison Plaza
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PORT ARTHUR BRANCH RENOVATION

5Point Credit Union

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- REVISION: DATE:

DRAWINGS SHEET TITLE
NEW ROOF PLAN

SHEET NUMBER
R2.01

21041
PROJECT NUMBER

SAVED: GREER01
PLOT: GREER01
PLOT DATE: 4/8/2022 5:18 PM
SHEET SIZE: Tabloid

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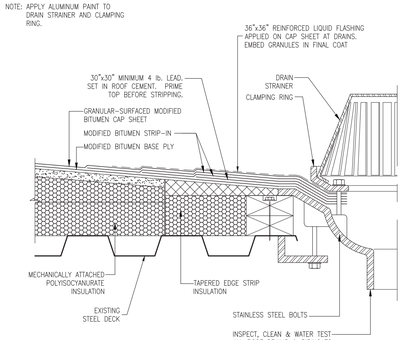
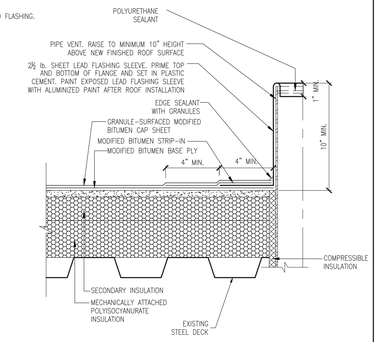


1 R5.00 **ROOF DRAIN**
SCALE: NOT TO SCALE

NOTE:
OPTIONAL LIQUID FLASHING IN LIEU OF LEAD FLASHING.
REF: 8/R5.00



2 R5.00 **PLUMBING VENT**
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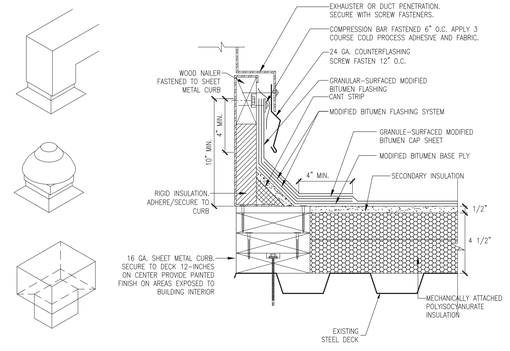
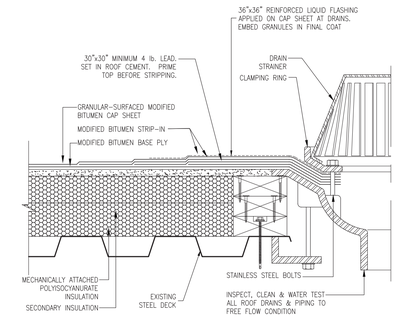


3 R5.00 **EQUIPMENT CURB**
SCALE: NOT TO SCALE

NOTE: APPLY ALUMINUM PAINT TO DRAIN STRAINER AND CLAMPING RING.



4 R5.00 **OVERFLOW**
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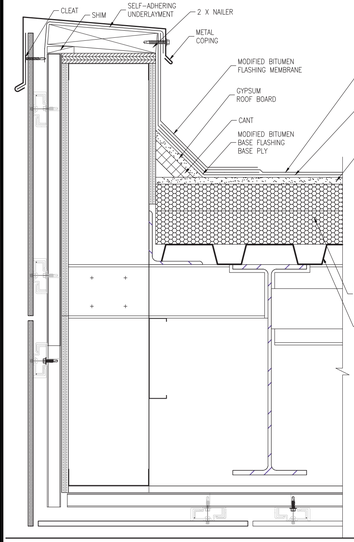
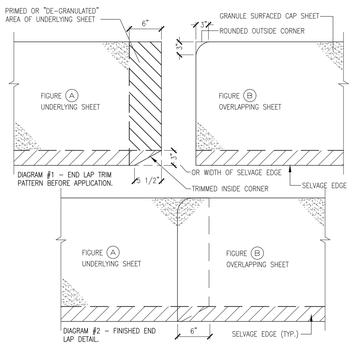
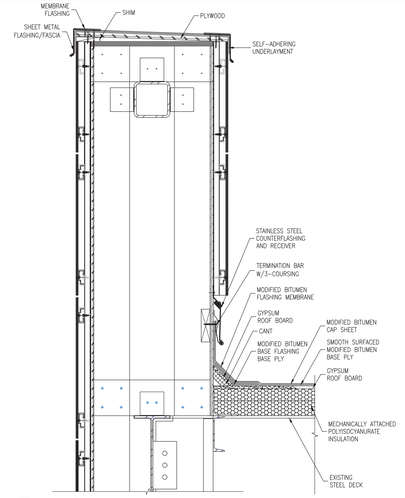


5 R5.00 **PARAPET**
SCALE: NOT TO SCALE

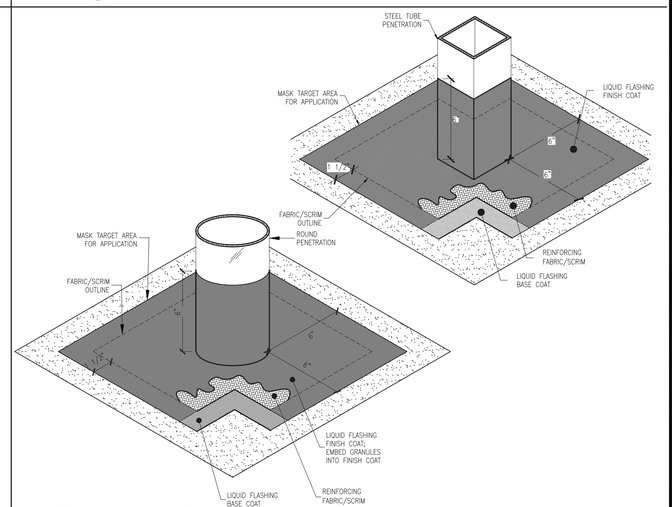
END LAP DETAIL:
DURING END LAP APPLICATION, TRIM THE LOWER INSIDE CORNER OF THE UNDERLYING SHEET AT THE END OF THE ROLL AS SHOWN IN DIAGRAM #1, FIGURE A. TRIM THE UPPER OUTSIDE CORNER OF THE OVERLAPPING SHEET AS SHOWN IN DIAGRAM #1, FIGURE B. INSIDE CORNER SHALL BE TRIMMED ON AN ANGLE 5 1/2" LONG FROM END OF ROLL TO OUTSIDE EDGE. WIDTH OF TRIM SHALL BE 3" OR WIDTH OF SELVAGE EDGE OF CAP SHEET. OUTSIDE CORNER SHALL BE TRIMMED IN A ROUNDED MANNER EXTENDING 3" FROM CORNER ALONG BOTH THE SIDE AND END. TRIMMED INSIDE CORNERS SHALL BE COMPLETELY COVERED BY APPLICATION OF SUCCEEDING COURSES. GRANULE SURFACING TO RECEIVE OVERLAPPING PIECE SHALL BE PRIMED OR "DE-GRANULATED" BY PROPER TORCHING METHOD. LOOSE GRANULES SHALL BE BROADCASTED AND EMBEDDED IN BITUMINOUS BLEED OUT ALONG SIDE AND END LAPS.



6 R5.00 **CAP SHEET END LAP CONSTRUCTION**
SCALE: NOT TO SCALE

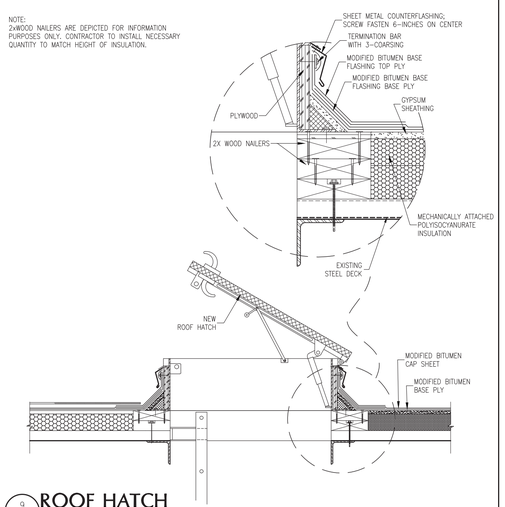


7 R5.00 **END WALL DRIVE THRU CANOPY**
SCALE: NOT TO SCALE

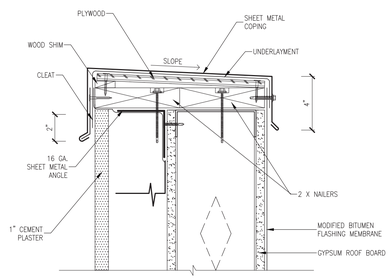


8 R5.00 **PENETRATION**
SCALE: NOT TO SCALE

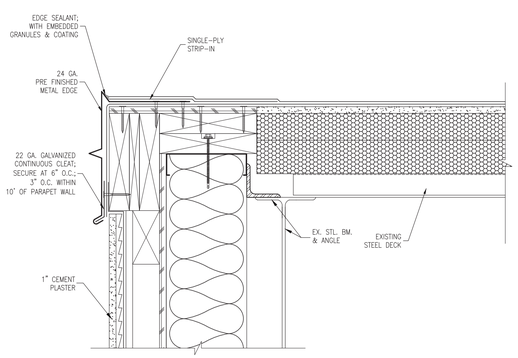
NOTE:
2xWOOD NAILERS ARE DEPICTED FOR INFORMATION PURPOSES ONLY. CONTRACTOR TO INSTALL NECESSARY QUANTITY TO MATCH HEIGHT OF INSULATION.



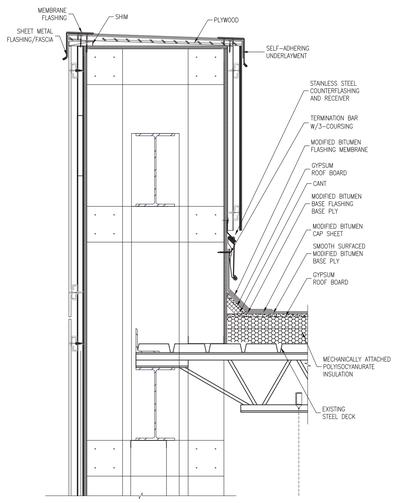
9 R5.00 **ROOF HATCH**
SCALE: NOT TO SCALE



10 R5.00 **COPING**
SCALE: NOT TO SCALE



11 R5.00 **METAL EDGE**
SCALE: NOT TO SCALE



12 R5.00 **PARAPET**
SCALE: NOT TO SCALE

Architectural Alliance Incorporated
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DRAWINGS SHEET TITLE
DETAILS

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R5.00

21041
PROJECT NUMBER

SAVED: 0/8/2201
PLOT: 0/8/2201
PLOT DATE: 4/8/2022 5:21 PM
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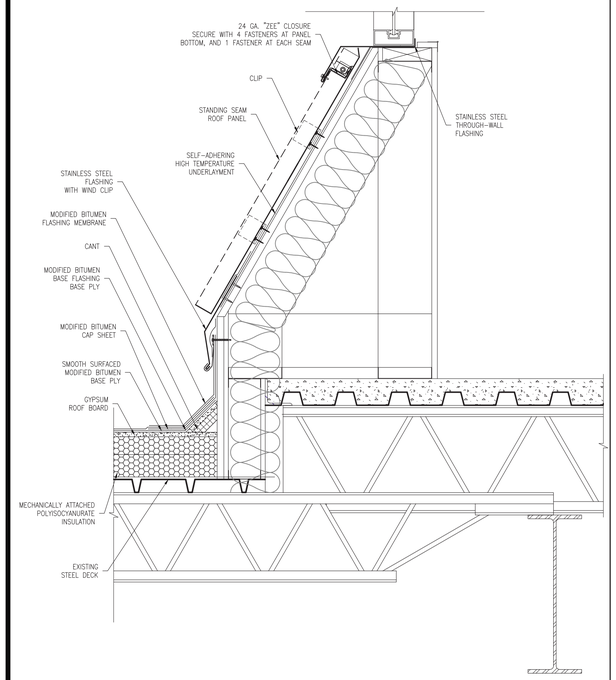

1 R5.01 RISE WALL
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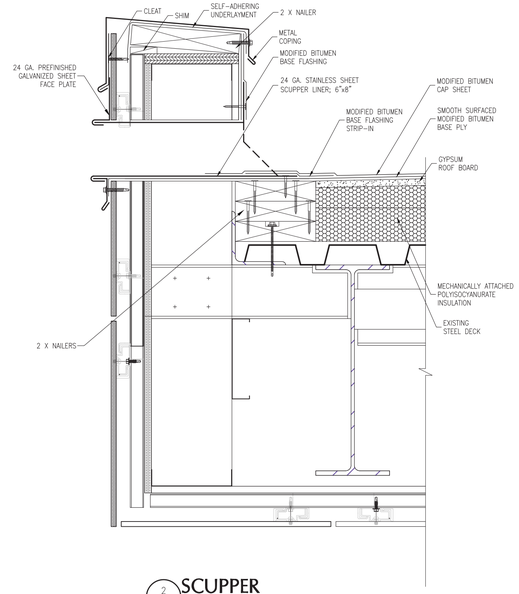

2 R5.01 SCUPPER
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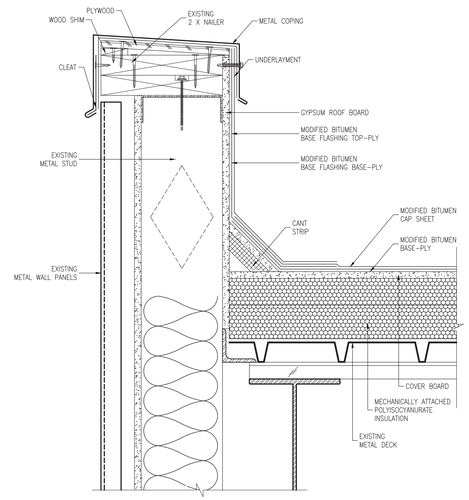

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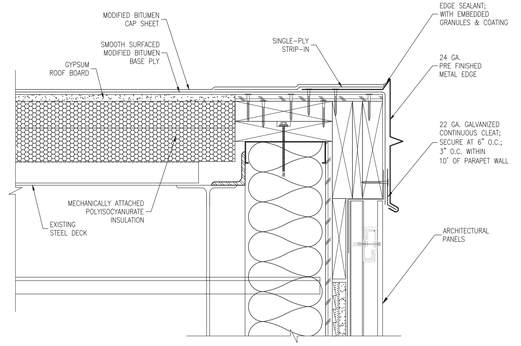


4 R5.01 METAL EDGE
SCALE: NOT TO SCALE

Architectural Alliance Incorporated
380 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROSS CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architecalli.com

PRICE CONSULTING, INC.
PRICE CONSULTING, INC.
211 HIGHLAND CROSS, SUITE 220
HOUSTON, TEXAS 77073
PHONE: (281)209-1724
FAX: (281)209-2724
PCI PROJECT NO.: 11981.21
TX P.E. FIRM # F-3814

STATE OF TEXAS
KARL A. SCHAACK
70234
LICENSED
PROFESSIONAL ENGINEER
F-3814 4/8/22

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 9/7/2021
DESIGN DEVELOPMENT [X]
DATE: 3/1/2022
BIDS & CONSTRUCTION [ ]
DATE: 4/8/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
DETAILS

SHEET NUMBER
R5.01

21041
PROJECT NUMBER

SAVED: GREER01
PLOT: GREER01
PLOT DATE: 4/8/2022 5:23 PM
SHEET SIZE: Tabloid

GENERAL NOTES

BUILDING CODE

BUILDING CODE USED ..... IBC 2015

DESIGN LIVE LOADS

ROOF ..... 20 P.S.F.
WIND SPEED (3 SEC GUST, EXP. C, CAT. II) ..... 140 M.P.H. (IBC 2015, NOMINAL)
WIND PRESSURES - MWFRS TRANSVERSE DIRECTION
INTERIOR ZONES - WALLS ..... 15.0 P.S.F.
ROOF ..... -7.0 P.S.F.
END ZONE - WALL ..... 22.6 P.S.F.
ROOF ..... -11.7 P.S.F.
WIND PRESSURES - MWFRS LONGITUDINAL DIRECTION
INTERIOR ZONES - WALL ..... 15.0 P.S.F.
END ZONE - WALL ..... 22.6 P.S.F.
COMPONENTS AND CLADDING
ZONE 1 ..... -31.5 P.S.F.
ZONE 2 ..... -35.8 P.S.F.
ZONE 2 OVERHANG ..... -34.8 P.S.F.
ZONE 3 ..... -35.8 P.S.F.
ZONE 3 OVERHANG ..... -17.4 P.S.F.
ZONE 4 ..... -33.5 P.S.F.
ZONE 5 ..... -39.3 P.S.F.

CONCRETE

CONCRETE FOR FOOTINGS SHALL NOT CONTAIN MORE THAN 20% FLY ASH. ALL OTHER CONCRETE SHOWN AND CALLED FOR ON S SHEETS SHALL NOT CONTAIN FLY ASH. CONCRETE FOR SLAB SHALL NOT CONTAIN ENTRAINED AIR. COMPRESSIVE STRENGTH OF CONCRETE TESTED AT 28 DAYS SHALL BE AS FOLLOWS:

FOOTINGS ..... 3000 PSI (W/C = 0.50 MAX)
SLAB ON GRADE ..... 3500 PSI (W/C = 0.45 MAX)
ALL OTHER CONCRETE ..... 3000 PSI (W/C = 0.50 MAX)
SECOND FLOOR/ELEVATED SLABS ..... 3500 PSI (W/C = 0.45 MAX, AGGREGATE SIZE ¾" MAX)
NON-COMPOSITE TOPPING SLAB ..... 3000 PSI (W/C = 0.45 MAX, AGGREGATE SIZE ¾" MAX)

THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS. ALL CONSTRUCTION JOINTS SHALL BE MADE IN THE CENTER OF SPANS WITH VERTICAL BULKHEADS. THE LOCATION OF CONSTRUCTION JOINTS SHALL BE REVIEWED BY THE ARCHITECT/ENGINEER. ADDITIONAL REINFORCING AT CONSTRUCTION JOINTS REQUIRED. SEE TYPICAL DETAIL

REINFORCING STEEL

ALL REINFORCING STEEL SHALL BE GRADE 60 (#2 AND #3 BARS AND ALL STIRRUPS AND TIES SHALL BE GRADE 40) AND SHALL CONFORM TO THE ASTM SPECIFICATIONS A615. DETAILING OF REINFORCING STEEL SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL. PROVIDE 1-#6 X 4'-0" (e_{TJ}) TOP AND BOTTOM IN EXTERIOR FACE OF GRADE BEAMS

LAP CONTINUOUS UNSCHEDULED REINFORCING BARS AS FOLLOWS: BOTTOM BARS IN MEMBERS SUPPORTED BY COLUMNS OR FOOTINGS - 12" AT SUPPORTS ONLY; ALL OTHERS - 50 BAR DIAMETERS

PROVIDE STANDARD APPROVED BAR CHAIRS WITH ROUND FEET AT 4'-0" MAXIMUM CENTERS EACH WAY FOR ALL TOP REINFORCING FOR SLABS ON GRADE. DEPTH OF CHAIRS SHALL PROVIDE FOR 1" TOP COVER TO REINFORCING.

REINFORCING STEEL COVERAGE SHALL BE AS FOLLOWS:

GRADE BEAMS ..... 1 1/2" TOP, 3" BOTTOM, 2" SIDES (IF EARTH FORMED, BEAM WIDTH MUST BE INCREASED 2" TO PROVIDE 3" SIDE COVER, OUTSIDE FACE OF GRADE BEAM SHALL BE FULLY FORMED)

STRUCTURAL STEEL

ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A50 (SQUARE OR RECTANGULAR TUBE SHAPES SHALL CONFORM TO ASTM A500, GRADE B). STRUCTURAL STEEL DETAILS AND CONNECTIONS SHALL CONFORM TO THE STANDARDS OF THE AISC. FIELD CONNECTIONS SHALL BE EQUIVALENT TO STANDARD BOLTED CONNECTIONS USING 3/4" ASTM A307 BOLTS UNLESS OTHERWISE SHOWN. CONNECTIONS SHALL BE BOLTED OR WELDED - SEE DETAILS. PROVIDE WEB CONNECTIONS FOR STEEL BEAMS AT COLUMNS AND BEAMS UNLESS OTHERWISE NOTED. IF CONNECTIONS BOLTS ARE IN SINGLE SHEAR, BOLTS SHALL BE DOUBLE ROW, DOUBLE COLUMN (TWO COLUMNS MAXIMUM). SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ARCHITECT AS TO LOCATION AND TYPE OF SPLICE TO BE MADE. ANY MEMBER HAVING SPLICE NOT SHOWN AND DETAILED ON SHOP DRAWINGS WILL BE REJECTED. ALL WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE. WHEN CAMBER OF STEEL MEMBERS IS REQUIRED BY THE DRAWINGS, THE CONTRACTOR SHALL VERIFY THE REQUIRED CAMBER IN THE FIELD PRIOR TO ERECTION OF EACH MEMBER. CONTINUOUS SHOP WELD ALL CAP PLATES, BASE PLATES AND JOIST SEATS TO COLUMNS.

EXPOSED FASCIA CONNECTIONS ARE TO BE WELDED AND ABRASIONS GROUND SMOOTH. ERECTION MATERIAL USED IN FIELD CONNECTIONS SHALL BE REMOVED, HOLES FILLED, AND ABRASIONS GROUND SMOOTH. COAT WELDS WITH GALVOWELD.

EXAMINE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL ITEMS REQUIRED TO BE HOT-DIP GALVANIZED AFTER FABRICATION.

STRUCTURAL STEEL SHALL BE PUNCHED FOR WOOD BLOCKING AND NAILERS IN ACCORDANCE WITH ARCHITECTURAL DETAILS.

ULTRASONIC INSPECTION BY THE TESTING LABORATORY SHALL BE PROVIDED FOR ALL WELDS CALLED FOR ON THE DRAWINGS OR ON THE SHOP DRAWINGS AS PENETRATION WELDS. DO NOT PAINT BEVELS WHERE PENETRATION WELDS ARE REQUIRED.

STEEL ROOF DECK CONSTRUCTION

ROOF DECK OVER STEEL JOISTS SHALL BE 1 ½" DEEP, 20 GAUGE WIDE RIB METAL DECK (MIN. SECTION MODULUS = 0.234 INCHES CUBED, AS MFG'D BY VULCRAFT OR APPROVED EQUAL). LAP ENDS OF DECK 2" AT SUPPORTS. THE DECK SHALL BE SCREWED TO SUPPORTING MEMBERS. SEE TYPICAL ROOF DECK ATTACHMENT DETAIL. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR COMPOSITION OF ROOF DECK ABOVE THE STEEL DECK. THE ENTIRE DECK ASSEMBLY SHALL CONFORM TO U.L. OR FM WIND UPLIFT CLASSIFICATION 90.

MISCELLANEOUS

CONSTRUCTION MEANS AND METHODS ARE NOT PART OF THE STRUCTURAL ENGINEERS SCOPE OF WORK. THE GENERAL CONTRACTOR AND HIS SUB CONTRACTORS ARE FULLY RESPONSIBLE FOR THE MEANS AND METHODS USED TO CONSTRUCT THE STRUCTURE.

ALL DETAILS ARE TYPICAL UNLESS NOTED OTHERWISE. DETAILS SHALL APPLY TO SIMILAR AND LIKE CONDITIONS.

FOOTINGS SHALL BE POURED IMMEDIATELY AFTER EXCAVATION.

NOMINAL PIPE SLEEVES THROUGH THE DECK WILL NOT REQUIRE FRAMING UNLESS THE OPENING EXCEEDS 10" IN DIAMETER.

THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLING STRUCTURAL MEMBERS.

VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING BUILDING AT THE JOB SITE.

GEOTECHNICAL RECOMMENDATIONS

THE SITE PREPARATION AND SOIL BEARING PRESSURE RECOMMENDATIONS ARE IN ACCORDANCE WITH SCIENCE ENGINEERING LTD'S GEOTECHNICAL ENGINEERING REPORT PROJECT NO. 21218 DATED OCTOBER 2021.

SUBGRADE / FILL / SITE PREPARATION

THE BUILDING AREA SHALL BE STRIPPED OF ALL VEGETATION, TOPSOIL, CONCRETE AND UNDERLYING POOR-QUALITY FILL. ANY ROOTS LARGER THAN ONE-HALF INCH IN DIAMETER SHALL BE GRUBBED. ALL SOFT SPOTS IN THE SUBGRADE SHALL BE EXCAVATED TO FIRM SOIL. THE EXPOSED SUBGRADE SHALL BE STRIPPED TO A DEPTH OF THIRTY SIX (36) INCHES, SCARIFY THE SUBGRADE, AND MOISTURE CONDITIONED TO NOT LESS THAN THE OPTIMUM MOISTURE CONTENT. THE SUBGRADE SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM STANDARD PROCTOR DENSITY AS DETERMINED BY ASTM D 698.

A MINIMUM OF THIRTY SIX (36) INCHES OF COMPACTED SELECT FILL SHALL BE PLACED BELOW THE FLOOR SLAB FROM THE PREPARED SUBGRADE TO THE BOTTOM OF THE SLAB. SELECT FILL MATERIAL SHALL BE EXTENDED 5 FEET BEYOND THE BUILDING PERIMETER INCLUDING THE COURTYARD. SELECT FILL SHALL BE COMPOSED OF A CLEAN, INACTIVE CLAY SOIL (NOT A SILT) WITH A PLASTICITY INDEX BETWEEN 10 AND 20. THE FILL SHALL BE PLACED IN THIN LIFTS NOT EXCEEDING EIGHT INCHES LOOSE MEASURE, MOISTURE CONDITIONED TO ABOVE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM STANDARD PROCTOR DENSITY. TOTAL FILL THICKNESS MIGHT EXCEED THE MINIMUM AMOUNT OF FILL DEPENDING ON FINISH FLOOR ELEVATION AND EXISTING GRADES. REFER TO SITE SURVEY AND SITE DRAWINGS.

SOIL BEARING PRESSURE

A SOIL BEARING PRESSURE OF 3400 P.S.F. FOR DEAD LOAD PLUS TOTAL LIVE LOAD AND 2300 P.S.F. FOR DEAD LOAD PLUS 1/2 LIVE LOAD WAS USED TO SIZE FOOTINGS.

WINDSTORM INSPECTIONS AND CERTIFICATION

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WINDSTORM INSURANCE CERTIFICATE FROM THE STATE BOARD OF INSURANCE AND SHALL COORDINATE WITH THE ENGINEER OF RECORD IN PERFORMING THE REQUIRED WINDSTORM FIELD INSPECTIONS. CONTRACTOR SHALL PAY TO THE ENGINEER OF RECORD A FEE SET BY THE ENGINEER OF RECORD FOR THE WINDSTORM INSPECTIONS AND CERTIFICATE.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS USED ON THE BUILDING OUTSIDE ENVELOPE FOR WINDSTORM COMPLIANCE.

REPRODUCTION NOTE

THE USE OF THESE CONTRACT DRAWINGS IN LIEU OF PREPARATION OF SHOP DRAWINGS CONSTITUTES ACCEPTANCE THAT ALL INFORMATION SHOWN HEREON IS CORRECT, AND CONSTITUTES ACCEPTANCE OF ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO THEIR USE. SHOP DRAWINGS MAY NOT BE PRODUCED BY USING REPRODUCTIONS OF THESE CONTRACT DRAWINGS. ANY SHOP DRAWINGS SUBMITTED FOR APPROVAL, WHICH WERE PRODUCED IN THIS MANNER, WILL BE REJECTED.

SHOP DRAWINGS & BID SET:

CONTRACTOR SHALL SUBMIT TO ENGINEER OF RECORD AT LEAST (2) SETS OF STEEL SUBMITTALS. HARD COPIES ONLY. ONE SHALL BE KEPT FOR THE ENGINEER FOR THEIR RECORDS THE REST WILL BE DISTRIBUTED.

PRIOR TO SUBMITTALS ONE HARD COPY OF THE PROJECT BID SET SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR THEIR RECORDS.

MINIMUM SHOP DRAWINGS SUBMITTAL REQUIREMENTS INCLUDE:

CONCRETE MIX DESIGNS FOR EACH CLASS OF CONCRETE WITH TEST DATA.
CONCRETE ACCESSORIES (VAPOR RETARDER, REINFORCING SUPPORT CHAIRS, ETC.)
CONCRETE REINFORCING SHOP DRAWINGS
STRUCTURAL STEEL SHOP DRAWINGS
STEEL DECK SHOP DRAWINGS
COLD FORMED METAL STUDS AND CONNECTION SHOP DRAWINGS AND CALCULATIONS (SEALED BY LICENSED ENGINEER)
GLAZING AND WINDOW SYSTEMS (SEALED BY LICENSED ENGINEER)

ADDITIONAL STEEL & SHOP DRAWINGS REVIEW:

THE DRAWINGS AND SPECIFICATIONS DO NOT INDICATE ALL OF THE WORK REQUIRED FOR THE PERFORMANCE AND COMPLETION OF THE WORK. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE FABRICATION AND INSTALLATION OF ALL MISCELLANEOUS STEEL INDICATED ON STRUCTURAL AND/ OR THE ARCHITECTURAL DRAWINGS.

MISCELLANEOUS STEEL WITHIN AN ASSEMBLY AND NOT ATTACHED TO THE STRUCTURE ARE THE RESPONSIBILITY OF THE G.C. AND HIS SUBS WHETHER THEY ARE SHOWN OR NOT SHOWN ON THE ARCH. /STRUCTURAL DRAWINGS.

THE G.C. SHALL MAKE AN ALLOWANCE FOR ADJUSTMENTS AND DETAILING DURING THE SHOP DRAWING REVIEW PROCESS WHICH MAY INCLUDE BUT NOT LIMITED TO DIMENSIONAL REVISIONS OR TOP OF STEEL ADJUSTMENTS.

USE OF CADD FILES

UPON THE SIGNING OF A RELEASE, FITTZ & SHIPMAN, INC. WILL PROVIDE CADD FILES STRIPPED OF TITLE BLOCKS AND SEALS. A FEE WILL BE ACCESSED IN ACCORDANCE WITH THE FOLLOWING FEE SCHEDULE:
MINIMUM CHARGE OF $100 FOR THE FIRST SHEET AND $50 FOR EACH ADDITIONAL SHEET. SALES TAX WILL BE ADDED TO THE ABOVE FEES UNLESS A SALES TAX EXEMPT CERTIFICATE IS PROVIDED. WHEN PLAN SHEETS ARE PRINTED ON MULTIPLE SHEETS THE FEE WILL BE ACCESSED PER PRINTED SHEET BUT ONE CADD FILE WILL BE PRESENTED.

LOOSE LINTEL SCHEDULE

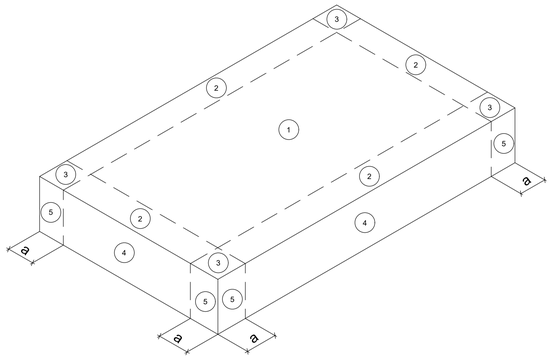
NOTE:
PROVIDE 8" MINIMUM BEARING EACH END FOR STEEL GALVANIZED LOOSE LINTELS. ONE ANGLE SHALL BE PROVIDED FOR EACH WYTHE OF BRICK. SEE ARCHITECTURAL DRAWINGS FOR LOCATION.

MASONRY OPENING	SIZE	DETAIL
LESS THAN 6'-0"	L3 1/2 X 3 1/2 X 1/4	L
6'-0" BUT LESS THAN 7'-0"	L4 X 3 1/2 X 1/4	L
7'-0" BUT LESS THAN 8'-0"	L5 X 3 1/2 X 1/4	L
8'-0" BUT LESS THAN 11'-0"	L6 X 3 1/2 X 5/16 ✳	L

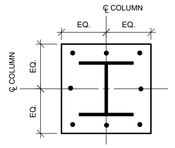
✳ PROVIDE TEMPORARY SUPPORT AT MID SPAN UNTILL MASONRY IS SET

COLUMN SCHEDULE

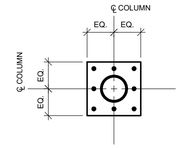
MARK →	1, 2, 7, 8	3, 4, 5, 6
COLUMN SIZE	W10x45	6" PIPE STANDARD
BASE PLATE	PLATE 16" x 16" x 3/4"	PLATE 12" x 12" x ¾"
ANCHOR BOLTS	8-3/4"Ø x 1'-6" LONG	8-3/4"Ø x 1'-6" LONG



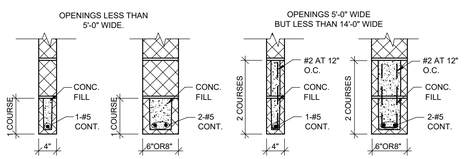
LOCATION OF WIND PRESSURE ZONES
SCALE: N.T.S.
(COMPONENTS & CLADDING)
(OTHER TWO PHASES HAVE SAME ZONES)
a = 3.0'



TYPICAL SQUARE BASE PLATE
(SEE SCHEDULE FOR SIZE)

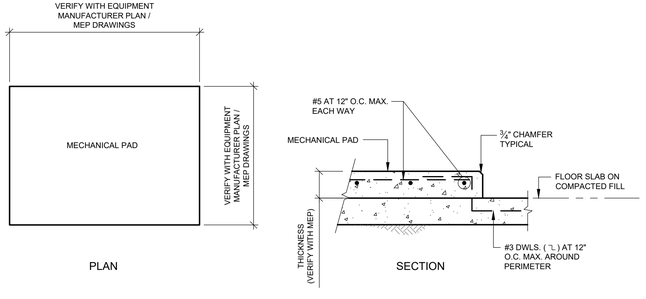


TYPICAL SQUARE BASE PLATE
(SEE SCHEDULE FOR SIZE)



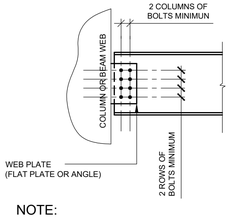
NOTE:
PROVIDE BLOCK LINTELS FOR ALL OPENINGS IN INTERIOR BLOCK PARTITIONS AND IN EXTERIOR BLOCK WALLS FOR WHICH STEEL LINTELS ARE NOT SCHEDULED. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATIONS OF OPENINGS. PROVIDE 8" MINIMUM BEARING AT EACH END.

TYPICAL BLOCK LINTEL DETAILS



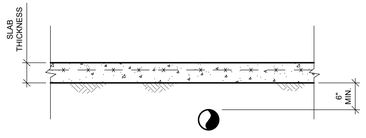
TYPICAL MECHANICAL HOUSEKEEPING PAD

NOTE:
1. SEE MECHANICAL DRAWINGS FOR NUMBER & LOCATIONS
2. PROVIDE EQUIPMENT ANCHOR BOLTS PER MANUFACTURER'S REQUIREMENTS.



NOTE:
ALL CONNECTION BOLTS SHALL BE A325. A MINIMUM OF FOUR (4) BOLTS (2 ROWS, 2 COLUMNS MINIMUM) PER CONNECTION SHALL BE USED. THE TOTAL NUMBER OF BOLTS PER CONNECTION SHALL BE DETERMINED BY DIVIDING THE BEAM "ALLOWABLE UNIFORM LOAD FOR A307 BOLTS (IN KIPS)" OBTAINED FOR THE PROPER BEAM SPAN FROM THE AISC "ALLOWABLE LOADS ON BEAMS" TABLES BY THE BOLT CAPACITY AND ROUNDING UP TO AN EVEN NUMBER OF BOLTS. IF THE BEAM REACTIONS EXCEEDS THE REACTION OBTAINED FROM THE TABLES, THE REACTION WILL BE NOTED ON THE FRAMING PLANS. THE WEB PLATE SHALL BE DESIGNED FOR THE SAME REACTION.

TYPICAL BEAM TO COLUMN, BEAM TO BEAM CONNECTION



TYPICAL CONDUIT/PIPE LOCATION DETAIL

STATE OF TEXAS
DANIEL A. DOTSON
109833
LICENSED PROFESSIONAL ENGINEER
Apr 11, 2022

FILE # 22015_SE_FDN PROJECT # 22015

Fittz & Shipman INC.
Consulting Engineers and Land Surveyors
1405 CORNERSTONE COURT BEAUMONT, TEXAS
(409)832-7238 FAX (409)832-7303
T.B.P.E. FIRM #1160 T.X.L.S. FIRM #100186

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7195
FAX (409) 866-7145
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectal.com

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

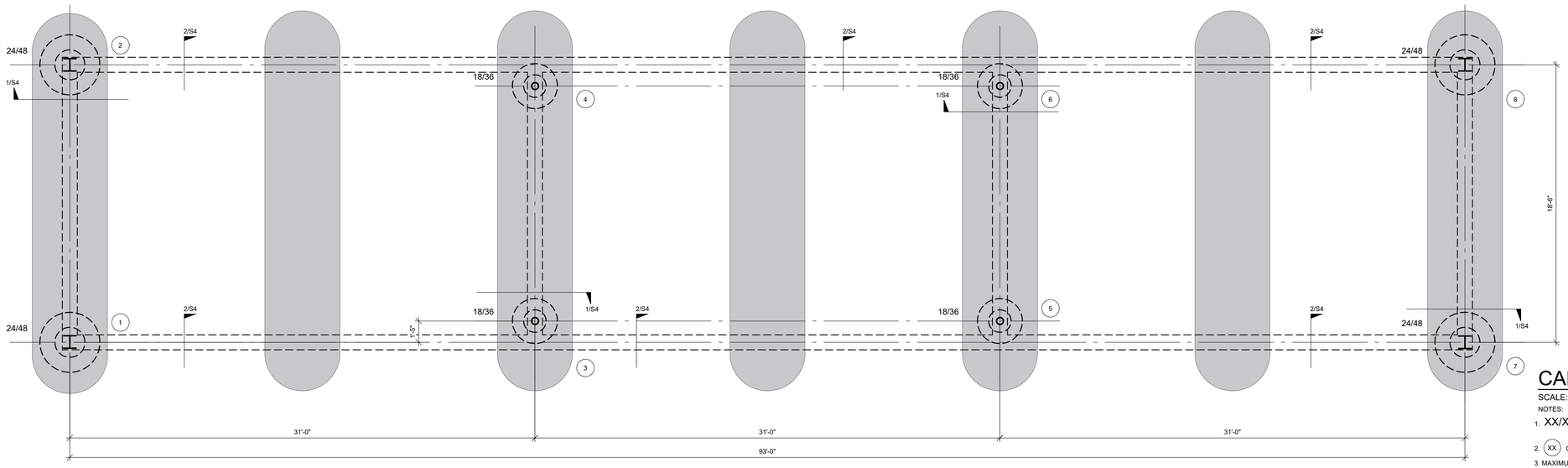
ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 9/7/2021
DESIGN DEVELOPMENT [X]
DATE: 3/1/2022
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
GENERAL NOTES & COLUMN SCHEDULE

SHEET NUMBER
S1

21041
PROJECT NUMBER

SAVED: OWNER
PLOT: ANDREW LEBOEUF
PLOT DATE: 4/11/2022 3:41 PM
SHEET SIZE: ARCH full bleed D (36.00 x 24.00 inches)

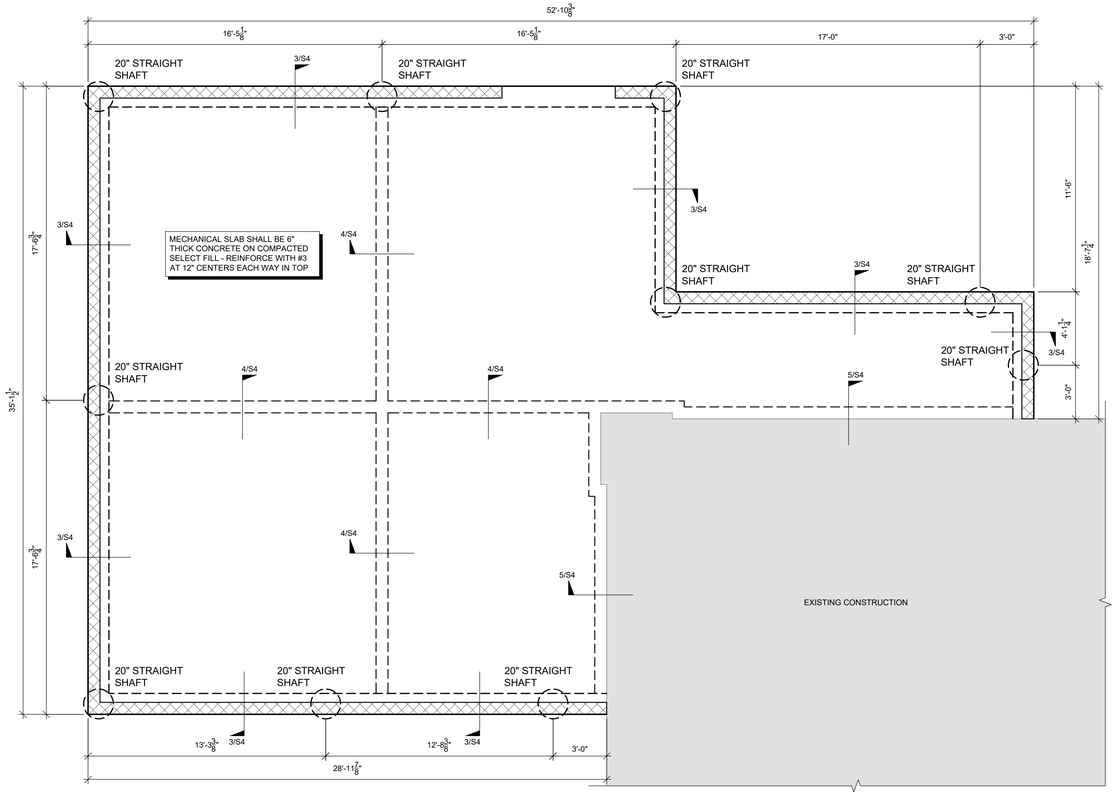


CANOPY FOUNDATION PLAN

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

NOTES:

1. XX/XX ON PLAN INDICATES PLINTH DIAMETER IN INCHES / FOOTING DIAMETER IN INCHES. SEE S3 FOR FOOTING REINFORCEMENT.
2. (XX) ON PLAN INDICATES COLUMN NUMBERS - SEE COLUMN SCHEDULE SHEET ON S1.
3. MAXIMUM SLAB SLOPE TO FLOOR DRAIN SHALL NOT EXCEED 1/4" PER FOOT.
4. FOOTINGS ARE CENTERED UNDER COLUMNS, WHERE THERE ARE NO COLUMNS THEN FOOTINGS ARE CENTERED UNDER GRADE BEAM UNLESS OTHERWISE NOTED.
5. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
6. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR PROPER ORIENTATION OF BUILDING. VERIFY "NORTH" ORIENTATION PRIOR TO CONSTRUCTION.

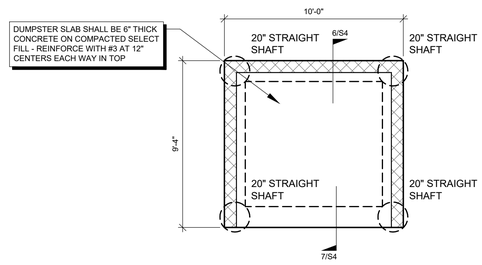


MECHANICAL YARD FOUNDATION PLAN

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

NOTES:

1. XX/XX ON PLAN INDICATES PLINTH DIAMETER IN INCHES / FOOTING DIAMETER IN INCHES. SEE S3 FOR FOOTING REINFORCEMENT.
2. MAXIMUM SLAB SLOPE TO FLOOR DRAIN SHALL NOT EXCEED 1/4" PER FOOT.
3. FOOTINGS ARE CENTERED UNDER COLUMNS, WHERE THERE ARE NO COLUMNS THEN FOOTINGS ARE CENTERED UNDER GRADE BEAM UNLESS OTHERWISE NOTED.
4. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
5. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR PROPER ORIENTATION OF BUILDING. VERIFY "NORTH" ORIENTATION PRIOR TO CONSTRUCTION.
6. SEE ARCHITECTURAL/MEP DRAWINGS FOR FLOOR DRAINS.



DUMPSTER PAD FOUNDATION PLAN

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

NOTES:

1. XX/XX ON PLAN INDICATES PLINTH DIAMETER IN INCHES / FOOTING DIAMETER IN INCHES. SEE S3 FOR FOOTING REINFORCEMENT.
2. MAXIMUM SLAB SLOPE TO FLOOR DRAIN SHALL NOT EXCEED 1/4" PER FOOT.
3. FOOTINGS ARE CENTERED UNDER COLUMNS, WHERE THERE ARE NO COLUMNS THEN FOOTINGS ARE CENTERED UNDER GRADE BEAM UNLESS OTHERWISE NOTED.
4. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
5. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR PROPER ORIENTATION OF BUILDING. VERIFY "NORTH" ORIENTATION PRIOR TO CONSTRUCTION.
6. SEE ARCHITECTURAL/MEP DRAWINGS FOR FLOOR DRAINS.

NOTE:
PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ALL DIMENSIONS SHOWN ON ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL TIMELY REPORT ANY DISCREPANCIES TO ARCHITECT.

STATE OF TEXAS
DANIEL A. DOTSON
109833
LICENSED PROFESSIONAL ENGINEER
Apr 11, 2022

FILE # 22015_SE_FDN PROJECT # 22015

Fittz & Shipman INC.
Consulting Engineers and Land Surveyors
1405 CORNERSTONE COURT BEAUMONT, TEXAS
(409)832-7238 FAX (409)832-7303
T.B.P.E. FIRM #1160 T.X.L.S. FIRM #100186

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7195
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

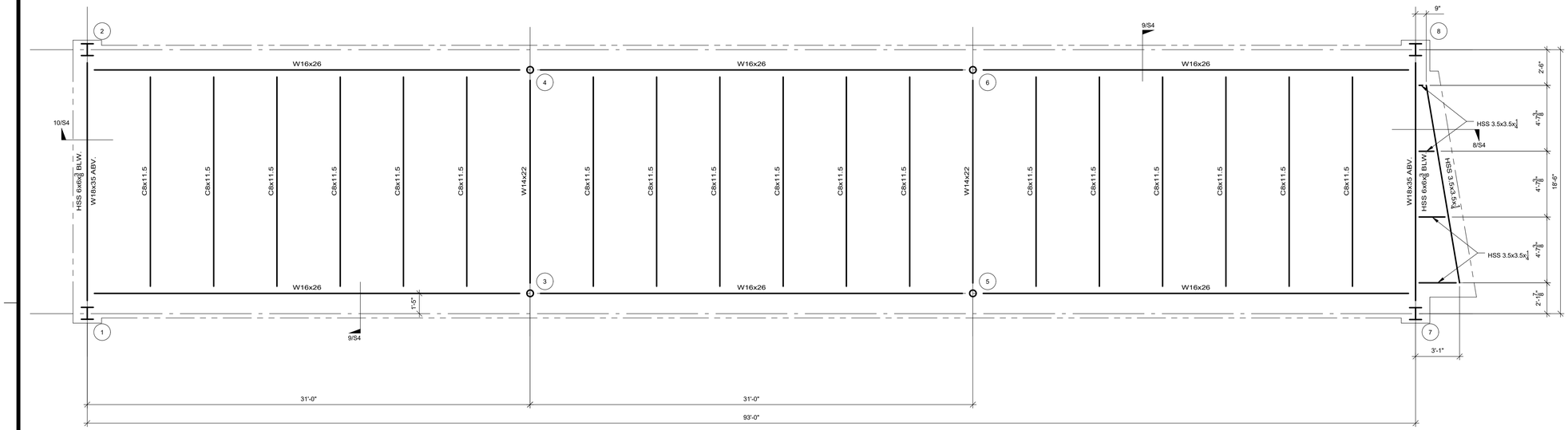
ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 9/7/2021
DESIGN DEVELOPMENT [X]
DATE: 3/1/2022
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
FOUNDATION PLANS

SHEET NUMBER
S2

21041
PROJECT NUMBER

SAVED: OWNER
PLOT: ANDREW LEBOEUF
PLOT DATE: 4/11/2022 3:41 PM
SHEET SIZE: ARCH full bleed D (36.00 x 24.00 Inches)

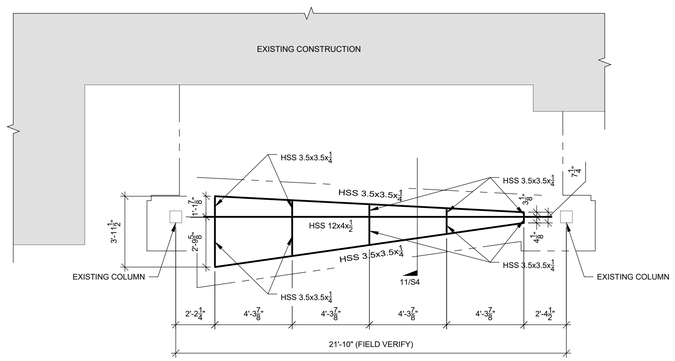


CANOPY FRAMING PLAN

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

NOTES:

1. (X) ON PLAN INDICATES COLUMN NUMBERS. SEE SHEET S1 FOR COLUMN SCHEDULE.
2. PROVIDE 1/2" THK. CAP PLATE WHEN BEAM OR JOIST CANTILEVERS OVER COLUMN, 1/4" EVERYWHERE ELSE.
3. JOIST/PURLINS ARE EQUALLY SPACED BETWEEN BAYS.
4. ROOF DRAINS - SEE ARCHITECT/MEP DRAWINGS FOR LOCATION AND DETAILS.
5. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.



FRONT ENTRANCE FRAMING PLAN

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

NOTES:

1. (X) ON PLAN INDICATES COLUMN NUMBERS. SEE SHEET S1 FOR COLUMN SCHEDULE.
2. PROVIDE 1/2" THK. CAP PLATE WHEN BEAM OR JOIST CANTILEVERS OVER COLUMN, 1/4" EVERYWHERE ELSE.
3. ROOF DRAINS - SEE ARCHITECT/MEP DRAWINGS FOR LOCATION AND DETAILS.
4. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

NOTE:
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STATE OF TEXAS
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350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
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DRAWINGS SHEET TITLE
FRAMING PLANS

SHEET NUMBER
S3

21041
PROJECT NUMBER

SAVED: OWNER
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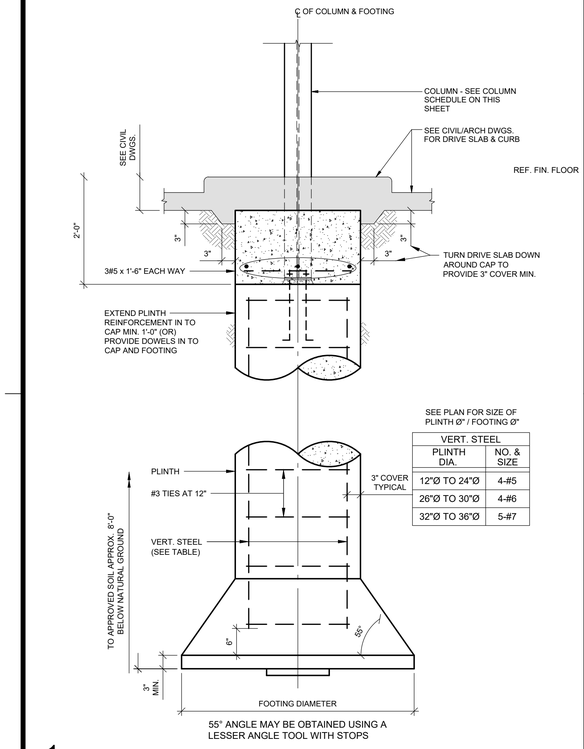
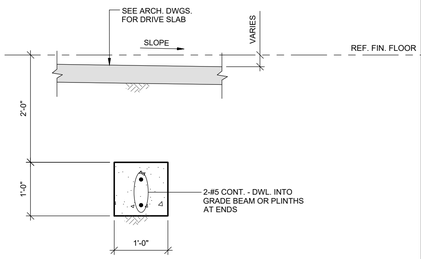
PLOT DATE: 4/11/2022 3:41 PM
SHEET SIZE: ARCH full bleed D (36.00 x 24.00 Inches)



VERT. STEEL	
PLINTH DIA.	NO. & SIZE
12"Ø TO 24"Ø	4-#5
26"Ø TO 30"Ø	4-#6
32"Ø TO 36"Ø	5-#7

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



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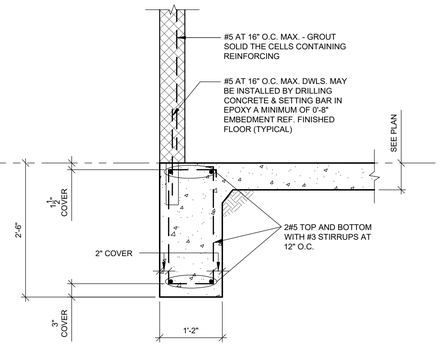

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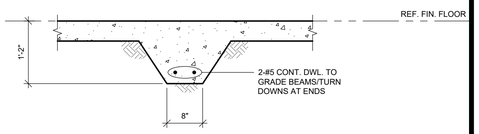

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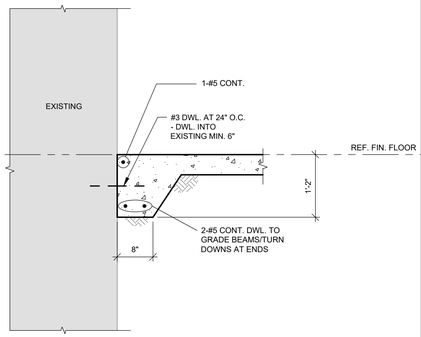

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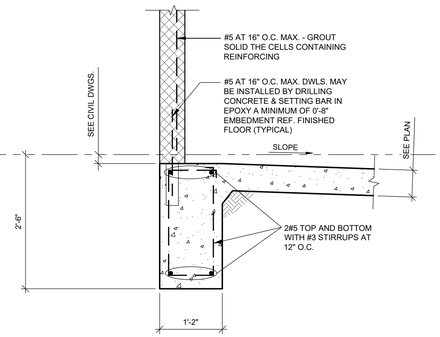

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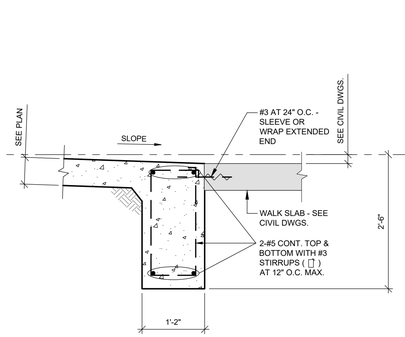

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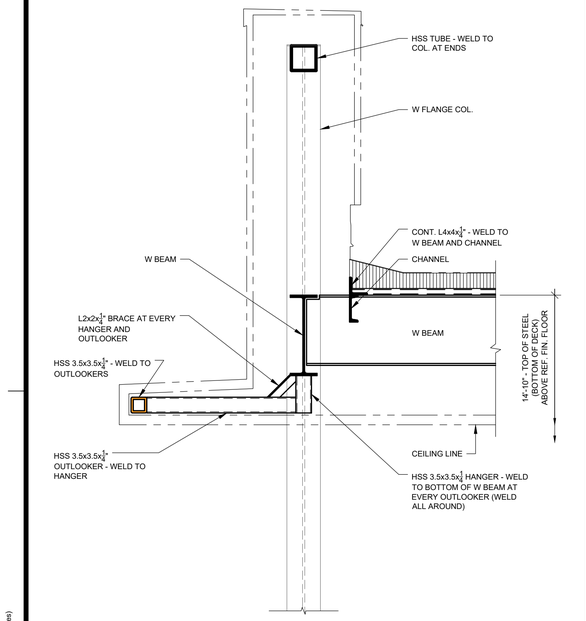

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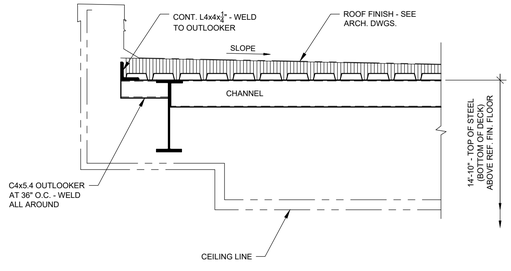

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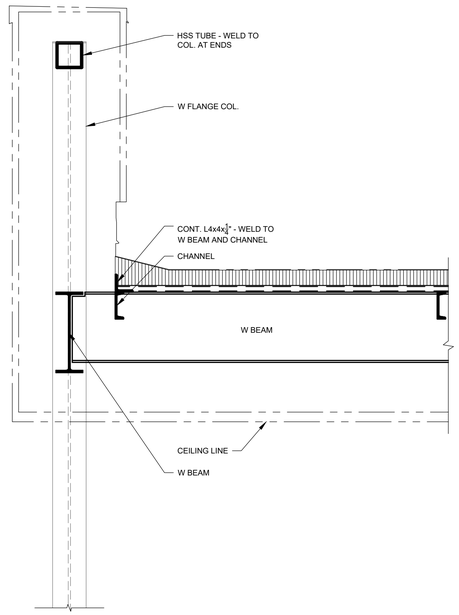

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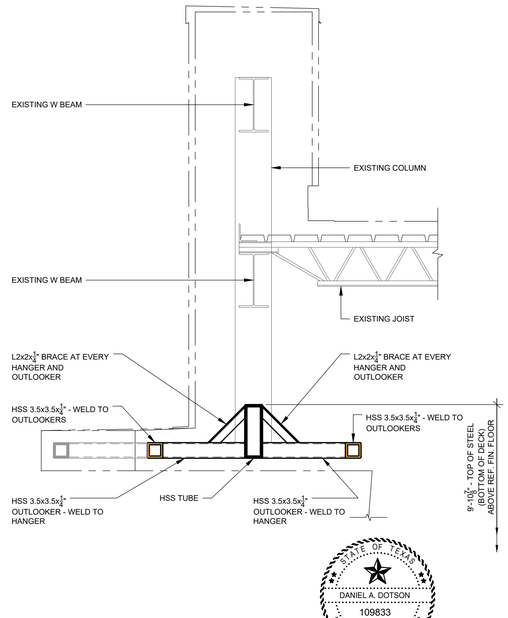

11

STATE OF TEXAS
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109833
LICENSED PROFESSIONAL ENGINEER
Apr 11, 2022

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edson Plaza
Beaumont, Texas 77701
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DRAWINGS SHEET TITLE
FOUNDATION & FRAMING DETAILS

SHEET NUMBER
S4

21041
PROJECT NUMBER

FILE # 22015_SE_FDN PROJECT # 22015

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Consulting Engineers and Land Surveyors
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SAVED: OWNER
PLOT: ANDREW.LEBOEUF
PLOT DATE: 4/11/2022 3:42 PM
SHEET SIZE: ARCH full bleed D (36.00 x 24.00 Inches)

DEFINE

MECHANICAL ABBREVIATIONS

AD	ACCESS DOOR
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
APD	AIR PRESSURE DROP
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BTUH	BRITISH THERMAL UNITS PER HOUR
C	CONDENSATE
CFM	CUBIC FEET PER MINUTE
CT	CHILLER
CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN
COP	COEFFICIENT OF PERFORMANCE
CT	COOLING TOWER
CU	CONDENSING UNIT
CV	CONSTANT VOLUME
CS	CONDENSER WATER SUPPLY
CR	CONDENSER WATER RETURN
DB	DRY BULB
DOAS	DEDICATED 100% OUTSIDE AIR UNIT
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
ECO	EXTERIOR CLEANOUT
EDH	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EMS	ENERGY MANAGEMENT SYSTEM
ESP	EXTERNAL STATIC PRESSURE
EUH	ELECTRIC UNIT HEATER
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EWT	ENTERING WATER TEMPERATURE
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FFE	FINISHED FLOOR ELEVATION
FPI	FINS PER INCH
HP	HORSEPOWER
HWS	HEATING HOT WATER SUPPLY
HWR	HEATING HOT WATER RETURN
KH	KITCHEN HOOD
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MBH	1000 BRITISH THERMAL UNITS PER HOUR
MVD	MANUAL VOLUME DAMPER
N.O.	NORMALLY OPEN
N.C.	NORMALLY CLOSED
NTS	NOT TO SCALE
NC	NOISE CRITERIA
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
PD	PRESSURE DROP
PHWR	PLANT HEATING HOT WATER RETURN
PHWS	PLANT HEATING HOT WATER SUPPLY
PRV	PRESSURE REDUCING VALVE
PSIG	POUNDS PER SQUARE INCH GAGE
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RPM	REVOLUTIONS PER MINUTE
RTU	ROOFTOP A/C UNIT
SA	SUPPLY AIR
SD	STORM DRAIN
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY FAN
SP	STATIC PRESSURE
SWR	SIDE WALL REGISTER
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VRF	VARIABLE REFRIGERANT FLOW
WB	WET BULB
WG	WATER GAGE
WPD	WATER PRESSURE DROP

DESIGN

MECHANICAL LEGEND

GRILLES, REGISTERS, DIFFUSERS, AND LOUVERS

EXISTING	DEMO	NEW	DESCRIPTION
		A100	GRILLE DESIGNATION AND CFM
			SURFACE MOUNT
			LAY-IN SUPPLY CEILING DIFFUSER
			SUPPLY WALL DIFFUSER
			LINEAR SLOT DIFFUSER
			RETURN/EXHAUST CEILING GRILLE
			RETURN/EXHAUST WALL GRILLE
			EXHAUST LOUVER
			EXHAUST WALL CAP
			GRAVITY RELIEF HOOD
			INTAKE LOUVER
			INTAKE WALL CAP
			GRAVITY INTAKE HOOD

DUCTWORK

EXISTING	DEMO	NEW	DESCRIPTION
			RECTANGULAR DUCTWORK. REFER TO PLANS FOR SIZE.
			ROUND DUCTWORK. REFER TO PLANS FOR SIZE.
			ROUND DUCTWORK DROP/RISE.
			DUCT DROP/RISE

PIPING

EXISTING	DEMO	NEW	DESCRIPTION
—CWS—	- - -CWS- - -	—CWS—	CHILLED WATER SUPPLY PIPING
—CWR—	- - -CWR- - -	—CWR—	CHILLED WATER RETURN PIPING
—HWS—	- - -HWS- - -	—HWS—	HOT WATER SUPPLY PIPING
—HWR—	- - -HWR- - -	—HWR—	HOT WATER RETURN PIPING
— CS —	- - - CS - - -	— CS —	CONDENSER WATER SUPPLY PIPING
— CR —	- - - CR - - -	— CR —	CONDENSER WATER RETURN PIPING

DAMPERS

EXISTING	DEMO	NEW	DESCRIPTION
			BALANCING DAMPER
			MOTORIZED DAMPER
FD	FD	FD	FIRE DAMPER
SD	SD	SD	SMOKE DAMPER
FDSD	FDSD	FDSD	FIRE & SMOKE DAMPER

EQUIPMENT

EXISTING	DEMO	NEW	DESCRIPTION
			MECHANICAL EQUIPMENT. REFER TO SCHEDULES
			IONIZATION UNIT
SD	SD	SD	SMOKE DETECTOR
MP	MP	MP	MANUAL PULL STATION

CONTROLS

EXISTING	DEMO	NEW	DESCRIPTION
T	T	T	THERMOSTAT
H	H	H	HUMIDISTAT
S	S	S	SENSOR
P	P	P	STATIC PRESSURE SENSOR
RTS	RTS	RTS	REMOTE TEMPERATURE SENSOR
$	$	$	WALL SWITCH
			CONTROL WIRING

NOTES:
1. EXISTING ITEMS ON DEMO PLANS ARE "EXISTING TO REMAIN" UNLESS NOTED "EXISTING TO BE RELOCATED.
2. ITEMS ON NEW CONSTRUCTION PLANS ARE NEW UNLESS NOTED "RELOCATED FROM PREVIOUS LOCATION".
3. REFER TO SCHEDULES FOR GRILLE, REGISTER, DIFFUSER, AND LOUVER SIZES.
4. REFER TO DRAWINGS FOR DIRECTION OF AIRFLOW FOR DIFFUSERS. IF DIRECTIONAL ARROWS ARE NOT INCLUDED, AIRFLOW IS IN FOUR DIRECTIONS. (4-WAY GRILLE)
5. WALL MOUNTED CONTROL DEVICES SHALL BE MOUNTED AT 48" A.F.F.
6. NOT ALL ITEMS SHOWN ON THIS LIST MAY BE APPLICABLE TO THIS PROJECT.

DELIVER

MECHANICAL GENERAL NOTES

1. CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXTENT OF DEMOLITION WORK AND NEW WORK NEEDED FOR THIS PROJECT, PRIOR TO SUBMITTING BID.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT SCOPE, CONSTRAINTS, UTILITY CONNECTIONS, AND BUILDING SERVICES, PRIOR TO SUBMITTING BID.
3. CONTRACTOR SHALL GIVE FIRST RIGHT TO REFUSAL OF SALVAGE TO THE OWNER. IF THE OWNER ELECTS TO NOT KEEP SALVAGE, CONTRACTOR SHALL REMOVE SALVAGE BY LAWFUL MEANS.
4. DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. DRAWINGS SHALL NOT BE SCALED. COORDINATE ROUTING OF SERVICES WITH SITE CONDITIONS AND WITH WORK OF OTHER TRADES.
5. FIELD VERIFY DIMENSIONS PRIOR TO ORDERING, FABRICATING, AND ERECTION OF MATERIAL AND/OR EQUIPMENT. NOTIFY THE ENGINEER OF DISCREPANCIES IN A TIMELY MANNER.
6. VERIFY CLEARANCE REQUIREMENTS AND ROUTING OF DUCTWORK AND PIPING PRIOR TO FABRICATION, AS MINOR MODIFICATIONS SUCH AS DUCT AND/OR PIPING RISES AND DROP MAY BE REQUIRED DUE TO FIELD CONDITIONS. MAKE MINOR MODIFICATIONS TO THE BUILDING, PIPING, SPRINKLER, DUCTWORK, ELECTRICAL, ETC. AS SHOWN ON THE DRAWINGS OR REQUIRED TO COMPLETE THE INSTALLATION OF A COMPLETED WORKABLE SYSTEM.
7. MAINTAIN WEATHER-TIGHT BARRIERS TO PREVENT DAMAGE FROM THE ELEMENTS DURING DEMOLITION AND NEW CONSTRUCTION PERIOD.
8. SEAL PENETRATIONS THROUGH THE BUILDING ENVELOPE.
9. PENETRATIONS THROUGH RATED WALLS, FLOORS, PARTITIONS AND ASSEMBLIES SHALL BE INSTALLED AND FIRESAFED TO MEET UL. FIRE RESISTANCE LISTING AND NFPA REQUIREMENTS FOR THE PENETRATION.
10. COORDINATE DEVICES REQUIRING ACCESS PANELS WITH THE ARCHITECT AND OTHER TRADES.
11. MAINTAIN MINIMUM CLEARANCE 10'-0" BETWEEN OUTSIDE INTAKES AND EXHAUST OUTLETS AND PLUMBING VENTS.
12. COORDINATE FINAL LOCATIONS AND ELEVATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
13. COORDINATE FINAL FINISH COLORS OF MATERIALS, DEVICES, DIFFUSER, GRILLES, LOUVERS, AND/OR EQUIPMENT WITH THE ARCHITECT PRIOR TO ORDERING, FABRICATION AND INSTALLATION.
14. SCHEDULE UTILITY SERVICES SHUTDOWNS WITH OWNER AND ARCHITECT. MINIMIZE DISRUPTIONS AND DOWNTIME TO THE OWNER.
15. INSTALL DEVICES AND EQUIPMENT TO MEET ADA REQUIREMENTS.
16. ROUTE DUCT AND PIPING CONCEALED IN INTERSTITIAL SPACE UNLESS NOTED OTHERWISE.
17. DOCUMENT LOCATIONS OF DEVICES, DUCT, PIPING, AND EQUIPMENT ON "AS-BUILT" RECORD DRAWINGS AS PER THE SPECIFICATIONS.
18. PAY FOR SERVICE, DEPOSITS, INSPECTION, AND CONNECTION FEES REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE WITH THE UTILITY SERVICE PROVIDER FOR THE REQUIREMENTS NEEDED FOR THIS PROJECT.
19. HVAC SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 90A AND NFPA 101.
20. WORK SHOWN IN THE DRAWINGS SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL ORDINANCES AND CODES.

meconsulting.com

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
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J. ROB CLARK, A.I.A.
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STATE OF TEXAS
DUSTIN W. DUVAL
117604
LICENSED
PROFESSIONAL ENGINEER
04/11/2022

PORT ARTHUR STORE RENOVATION
Port Arthur, TX 77642
5Point Credit Union
4401 Hwy 73

ISSUED FOR
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DATE:
DESIGN DEVELOPMENT ☐
DATE:
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
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REVISION:
DATE:

DRAWINGS SHEET TITLE
MECHANICAL LEGEND & NOTES

SHEET NUMBER
M000

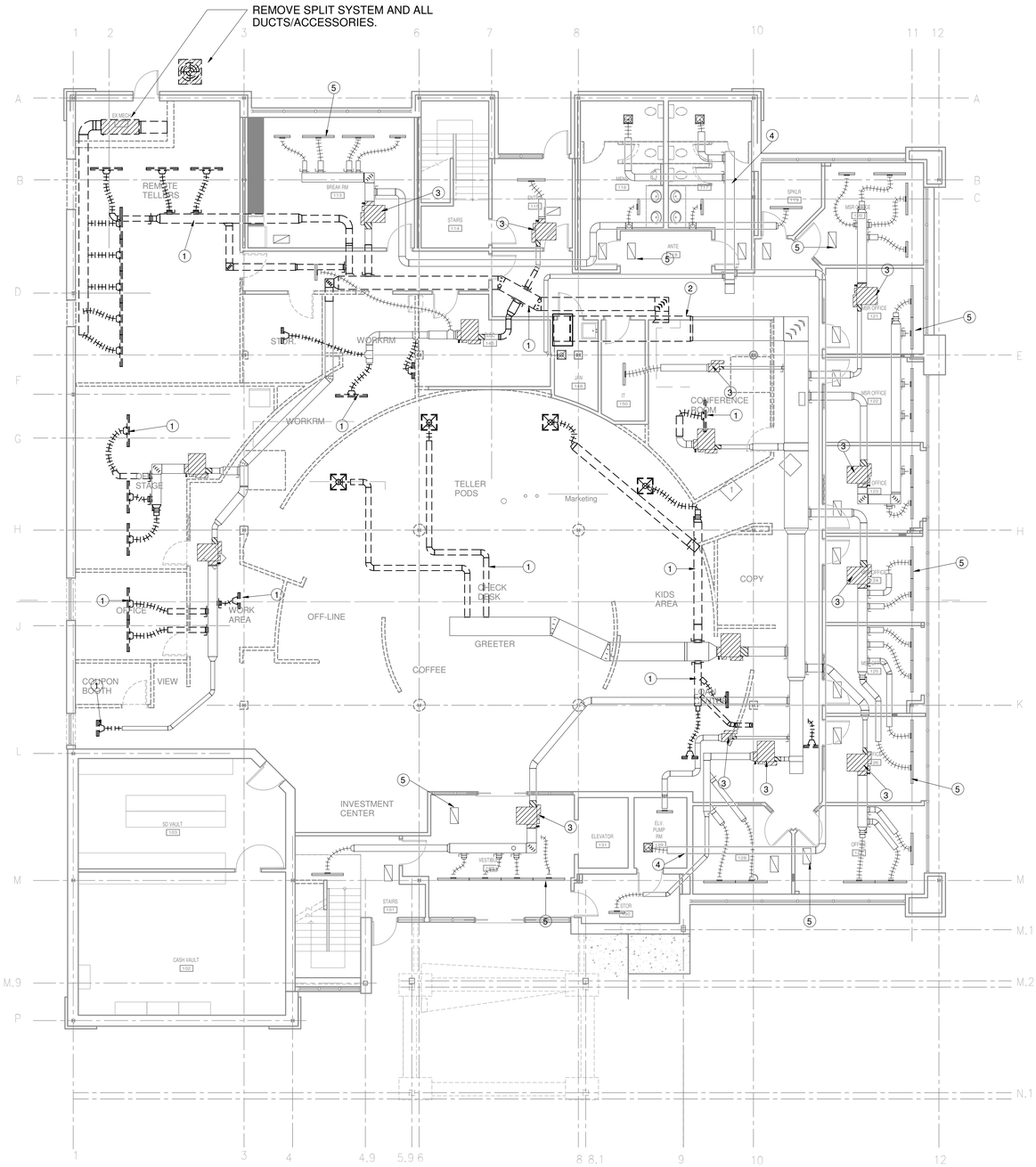
21041
PROJECT NUMBER

1304 BERTRAND DRIVE SUITE E
LAFAYETTE, LOUISIANA 70506
PHONE (337) 234-7474 * FAX (337) 234-7724
Mechanical Dustin Duval, P.E.
Contact: dustin@meconsulting.com
Electrical David Carroll, P.E.
Contact: david@meconsulting.com
CONSULTING
PROJECT No. 22009.00

SAVED:
PLOTTED BY: KELLY
LEROY JEF
PLOT DATE: 12/14/2021
12:29
SHEET SIZE: ARCH expand D (36.00 x 24.00 inches)

MECHANICAL NOTES

1	SUPPLY BRANCH DUCTS AND DIFFUSERS SHALL BE REMOVED. PENETRATIONS AT MAIN TRUNK LINE SHALL BE CAPPED AND SEALED. REFER TO SHEET M2.1 FOR NEW WORK AND UTILIZE PENETRATIONS FOR NEW DUCT WHERE POSSIBLE.
2	RETURN DUCT IN THIS VICINITY SHALL BE REMOVED.
3	VERTICAL RISING SUPPLY DUCT SHALL BE REMOVED. MAIN SUPPLY DUCT SHALL BE CAPPED AND SEALED AT PENETRATION.
4	KITCHEN HOOD, EXHAUST DUCT, EXHAUST FAN, MAKE UP AIR DUCT, AND ANY ASSOCIATED ACCESSORIES SHALL BE REMOVED.
5	REMOVE WALL MOUNTED SUPPLY AND RETURN GRILLE AND ASSOCIATED DUCT RISERS.



① First Floor Mechanical DEMO Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

SAVED: HOGAN
PLOT: KELLY LEBOUEF
PLOT DATE: 12/14/2021 12:29
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

Architectural Alliance Incorporated
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DUSTIN W. DUVAL
117604
Dust Duval
04/11/2022

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DRAWINGS SHEET TITLE
1ST FLOOR MECHANICAL DEMOLITION PLAN

SHEET NUMBER
M101

21041
PROJECT NUMBER

CONSULTING
1304 BERTRAND DRIVE SUITE E7
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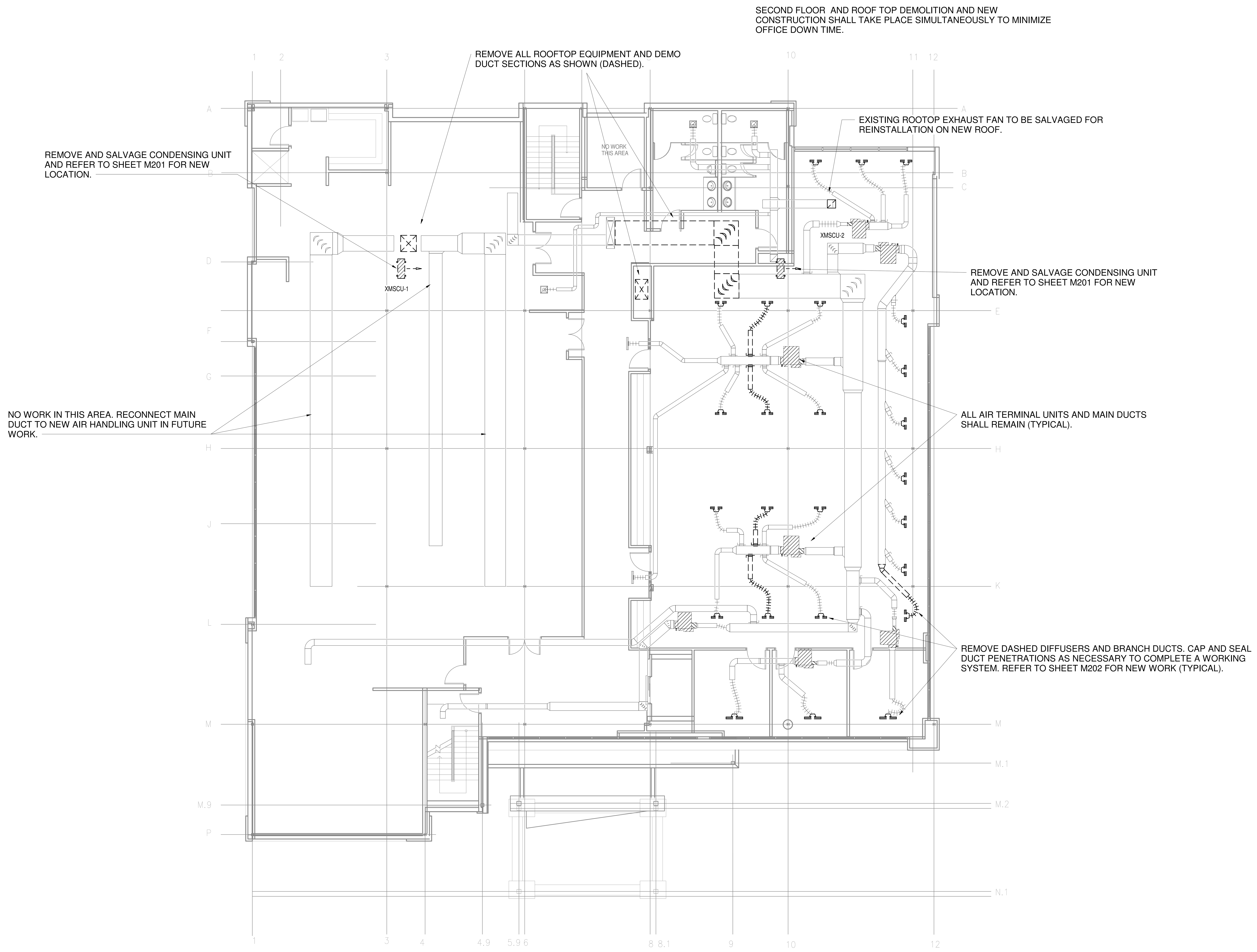

1 Second Floor Mechanical DEMO Plan
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SCHEMATIC DESIGN ☐
DATE:______________
DESIGN DEVELOPMENT ☐
DATE:______________
BIDS & CONSTRUCTION ☒
DATE: 4/11/2022
REVISION:
DATE:______________
REVISION:
DATE:______________
REVISION:
DATE:______________

DRAWINGS SHEET TITLE

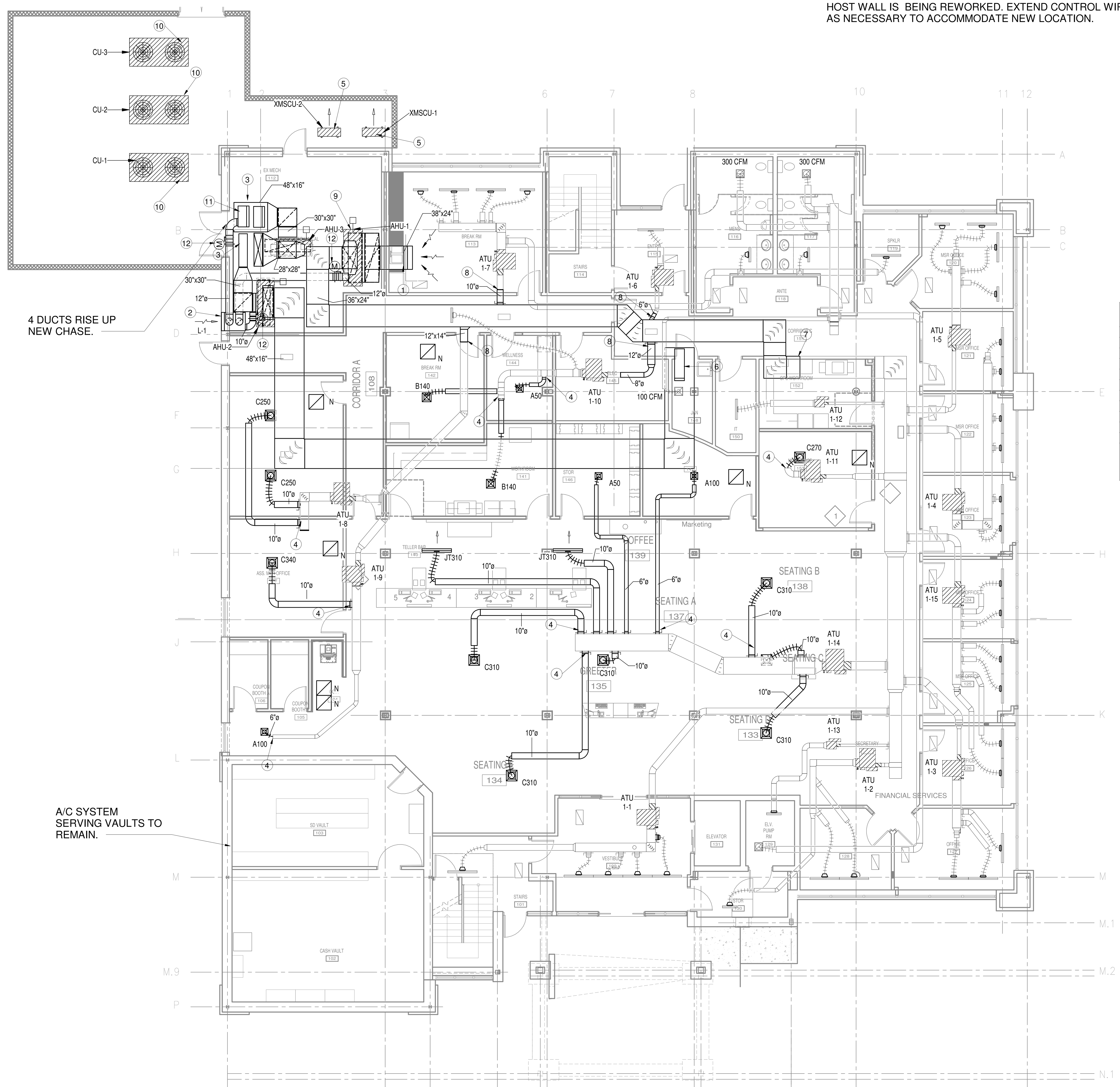
2nd FLOOR MECHANICAL DEMOLITION PLAN

SHEET NUMBER
M102

21041
PROJECT NUMBER

M&E CONSULTING
1304 BERTRAND DRIVE SUITE E
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Dustin Duval, P.E.
Contact: dustin@meconsulting.com
Electrical David Carroll, P.E.
Contact: david@meconsulting.com
PROJECT No.: 22009.00

ALL TERMINAL UNIT THERMOSTATS AND CONTROLLERS SHALL BE SALVAGED AND RELOCATED AS NECESSARY WHERE THE HOST WALL IS BEING REWORKED. EXTEND CONTROL WIRING AS NECESSARY TO ACCOMMODATE NEW LOCATION.



MECHANICAL NOTES

1	REFER TO VIEW 4 ON THIS SHEET FOR CONTINUATION
2	MOUNT LOUVER WITH CENTER LINE AT 11'-0" AFF
3	MOUNT UNIT HEATER WITH BOTTOM AT 1'-6" AFF.
4	REFER TO VIEW 6 ON THIS SHEET FOR CONTINUATION
5	MOUNT PTAC UNIT WITH BOTTOM OF UNIT AT 0'-8" AFF.
6	REFER TO VIEW 5 ON THIS SHEET FOR CONTINUATION
7	REFER TO SHEET M2.5 FOR CONTINUATION.
8	REFER TO VIEW 3 ON THIS SHEET FOR CONTINUATION
9	PROVIDE AN AIR IONIZATION DEVICE IN UNIT AND MOUNT AS PER MANUFACTURER'S RECOMMENDATIONS.
10	EXTEND REFRIGERANT PIPING TO RESPECTIVE AIR HANDLING UNIT.
11	REFER TO SHEET M2.2 FOR CONTINUATION.
12	O.A. MOTORIZED DAMPER SHALL BE INTERLOCKED WITH RESPECTIVE UNIT TO OPEN WHEN THE A/C UNITS COMPRESSOR OR HEATING STRIP IS ENTERGIZED(ON), AND SHALL CLOSE WHEN THE UNITS COMPRESSOR AND HEATING STRIP IS DE-ENETERGIZED(OFF). PROVIDE ALL NECESSARY RELAYS, SWITCHES, TRANSFORMERS, ETC. AS REQUIRED.

1 First Floor Mechanical Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1145
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.archalliance.com

STATE OF TEXAS
DUSTIN W. DUVAL
117604
LICENSED PROFESSIONAL ENGINEER
04/11/2022

PORT ARTHUR STORE RENOVATION
5Point Credit Union
Port Arthur, TX 77642
4401 Hwy 73

ISSUED FOR
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DRAWINGS SHEET TITLE
1st FLOOR MECHANICAL PLAN

SHEET NUMBER
M201

21041
PROJECT NUMBER

M&E CONSULTING
1304 BERTRAND DRIVE SUITE E-4
LAFAYETTE, LOUISIANA 70506
PHONE (337) 234-7474 * FAX (337) 234-7774
Mechanical Dustin Duval, P.E.
Contact: dustin@meconsulting.com
Electrical David Carroll, P.E.
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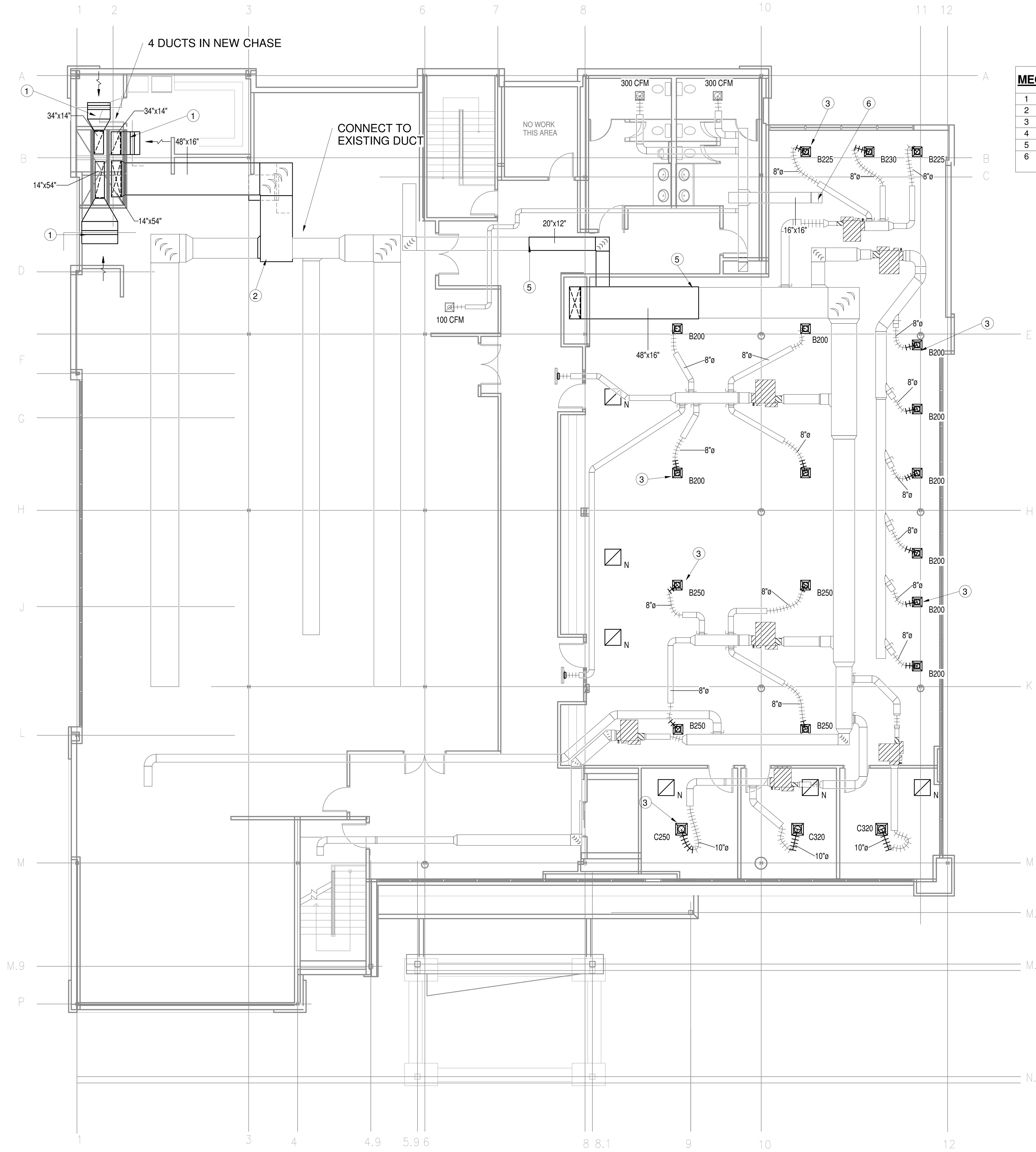

MECHANICAL NOTES

1	REFER TO VIEW 4 ON THIS SHEET FOR CONTINUATION
2	REFER TO VIEW 3 ON THIS SHEET FOR CONTINUATION
3	REFER TO SHEET M2.4 FOR CONTINUATION.
4	
5	REFER TO SHEET M2.5 FOR CONTINUATION.
6	ROOF MOUNTED EXHAUST FAN. EXTEND WELDED STAINLESS STEEL DUCT WORK FROM FAN DOWN TO PANTS LEG CONNECTION. (PANTS LEG CONNECTION BY FOOD SERVICE.)

1 Second Floor Mechanical Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

1304 BERTRAND DRIVE SUITE E7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
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Electrical David Carroll, P.E.
Contact: david@meconsulting.com

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Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1143
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.archalliance.com

STATE OF TEXAS
DUSTIN W. DUVAL
117604
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PROFESSIONAL ENGINEER
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DRAWINGS SHEET TITLE
2nd FLOOR MECHANICAL PLAN

SHEET NUMBER
M202

21041
PROJECT NUMBER

DIFFUSER/GRILLE SCHEDULE

SYMBOL	SIZE	SERVICE	LOCATION	FINISH	O.B.D.	BASIS OF DESIGN
A	6"ø	SUPPLY	CEILING	WHITE	O.B.D.	TITUS TDC-AA-3 (24"X24" LAY-IN)
B	8"ø	SUPPLY	CEILING	WHITE	O.B.D.	TITUS TDC-AA-3 (24"X24" LAY-IN)
C	10"ø	SUPPLY	CEILING	WHITE	O.B.D.	TITUS TDC-AA-3 (24"X24" LAY-IN)
JT	48"	SUPPLY	CEILING	TAPED/FLOATED	- - -	TITUS FL-20 (SINGLE SLOT, BORDERLESS APPEARANCE)
N	22"X22"	RETURN	CEILING	WHITE	- - -	TITUS 355FL-3 (24"X24" LAY-IN)

NOTES:
1. COORDINATE FINAL FINISHES AND COLOR WITH ARCHITECT.
2. REFER TO PLANS FOR DIRECTION OF AIR FLOW FOR GRILLES. IF DIRECTION IS NOT INDICATED, AIR FLOW IS IN FOUR DIRECTION (4-WAY GRILLE).
3. COORDINATE FINAL LOCATIONS WITH REFLECTIVE CEILING PLANS. REFER TO ARCHITECTURAL DRAWINGS.
4. ALL DIFFUSERS SHALL HAVE ALUMINUM CONSTRUCTION.

AIR COOLED CONDENSING UNIT SCHEDULE

UNIT NO.	SERVICE	MIN. BTU/H	EVAP. TEMP.	AMB. TEMP.	UNIT F.L.A.	VOLTAGE	PHASE	SEER/ EER*	REFRIGERANT TYPE	BASIS OF DESIGN
CU-1	FIRST FLOOR	240000	45	95	78	208	3	12.5	R-410A	TRANE TTA24043D
CU-2	SECOND FLOOR	180000	45	95	60	208	3	12.7	R-410A	TRANE TTA18043D
CU-3	SECOND FLOOR	180000	45	95	60	208	3	12.7	R-410A	TRANE TTA18043D

NOTES:
1. PROVIDE SINGLE POINT POWER CONNECTION.
2. PROVIDE UNIT WITH A WALL MOUNTED OUTLET FOR REFRIGERANT PIPING THROUGH EXTERIOR WALL, AIREX MANUFACTURING TITAN MODEL TGS, WESTATLANTIC TECH CORP. OR EQUAL.

LOUVER SCHEDULE

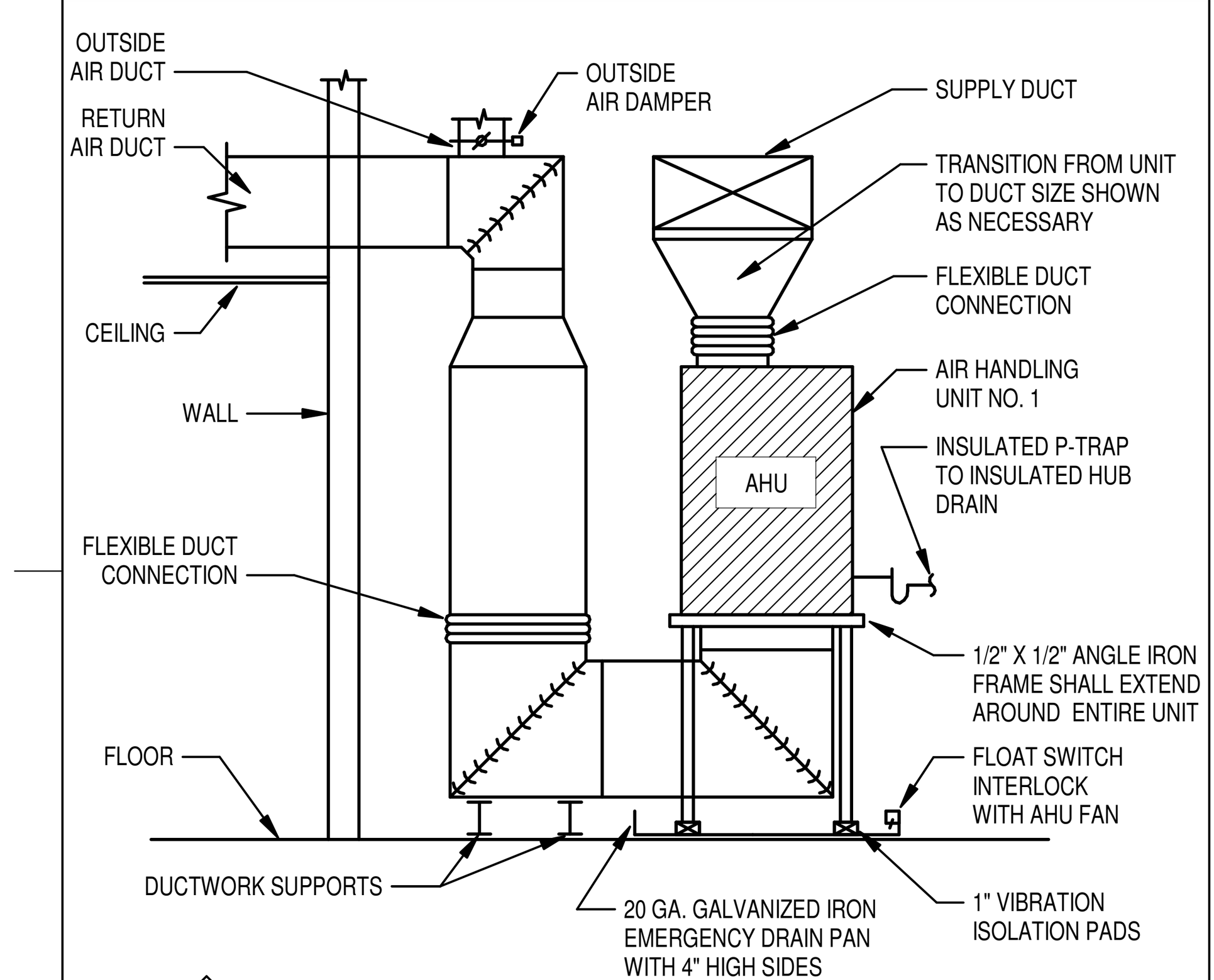
SYMBOL	SERVICE	BLADE ORIENTATION	BPWP (FPM)	SIZE (W"XH"XD")	DESIGN FLOW (CFM)	FREE AREA MIN (SF)	AIR VEL. (FPM)	AIR P.D. (IN. WC)	AMCA 540/550	SCREEN (BIRD/INSECT)	BASIS OF DESIGN
L-1	OUTSIDE AIR INTAKE	VERTICAL	1250	30"x24"X6"	1205	1.35	893	0.08	540/550	BIRD	RUSKIN EME6325D

NOTES:
1. LOUVERS SHALL HAVE 70% KYNAR FINISH, COLOR TO BE SELECTED BY ARCHITECT.
2. LOUVERS AND LOUVER ACCESSORIES TO BE ALUMINUM.
3. LOUVERS TO BE FLORIDA PRODUCT APPROVED.
4. LOUVERS WITHIN METAL PANELS TO BE FULLY FLANGED (NO EXTENDED SILL), ALL OTHER MOUNTING SURFACES TO HAVE CHANNEL FRAME WITH EXTENDED SILLS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT BUILDING MATERIALS.

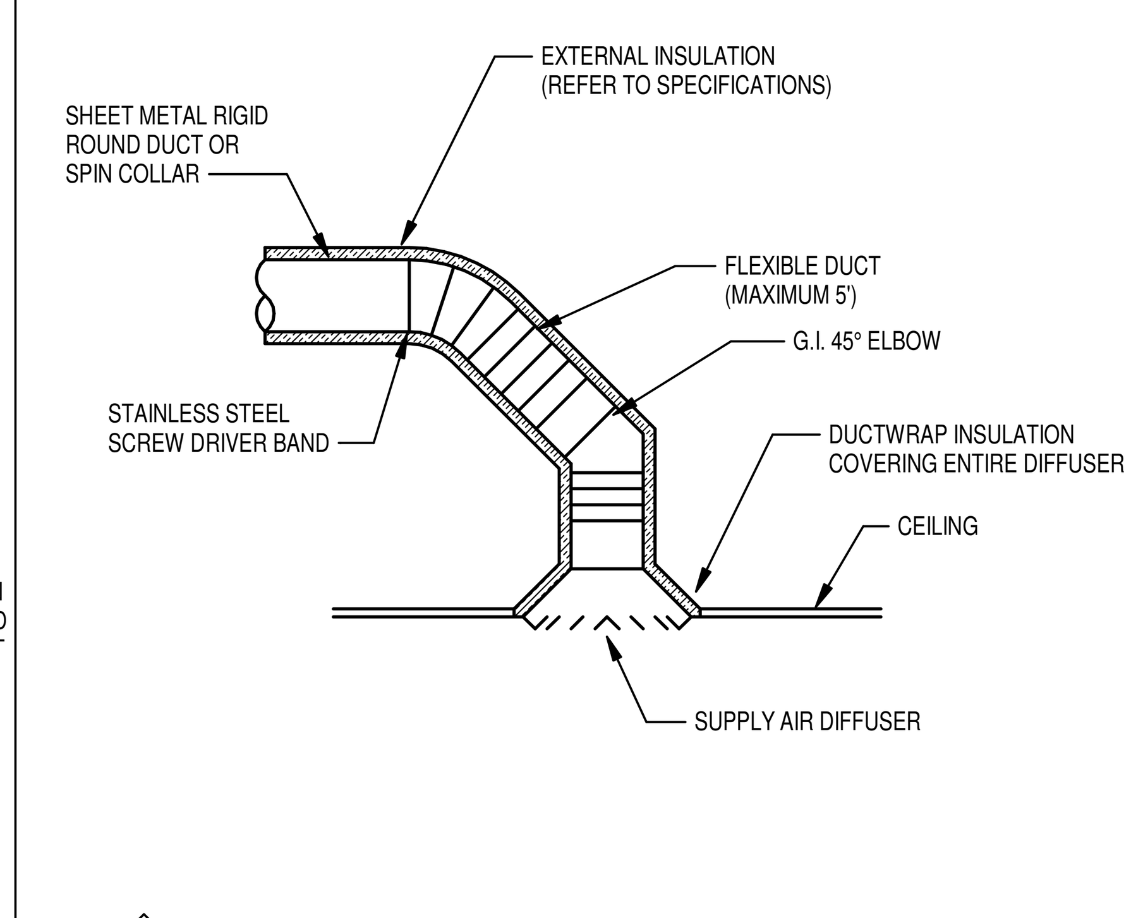
AIR HANDLING UNIT SCHEDULE (COOLING ONLY)

UNIT NO.	SERVICE	FAN						COOLING					BASIS OF DESIGN
		MIN. CFM	FRESH AIR CFM	EXT. S.P.	FAN H.P.	VOLTAGE	PHASE	MIN. BTU/H OUTPUT	EVAP. TEMP. (°F)	AMB. TEMP. (°F)	E.A.T. (°F) DB	E.A.T. (°F) WB	
AHU-1	FIRST FLOOR	8000	405	2.5"	7.5	208	3	240000	45	95	76	65	TRANE TWE240
AHU-2	SECOND FLOOR	6000	250	1.75"	5	208	3	180000	45	95	76	64	TRANE TWE180
AHU-3	SECOND FLOOR	6000	550	1.75"	5	208	3	180000	45	95	77	65	TRANE TWE180

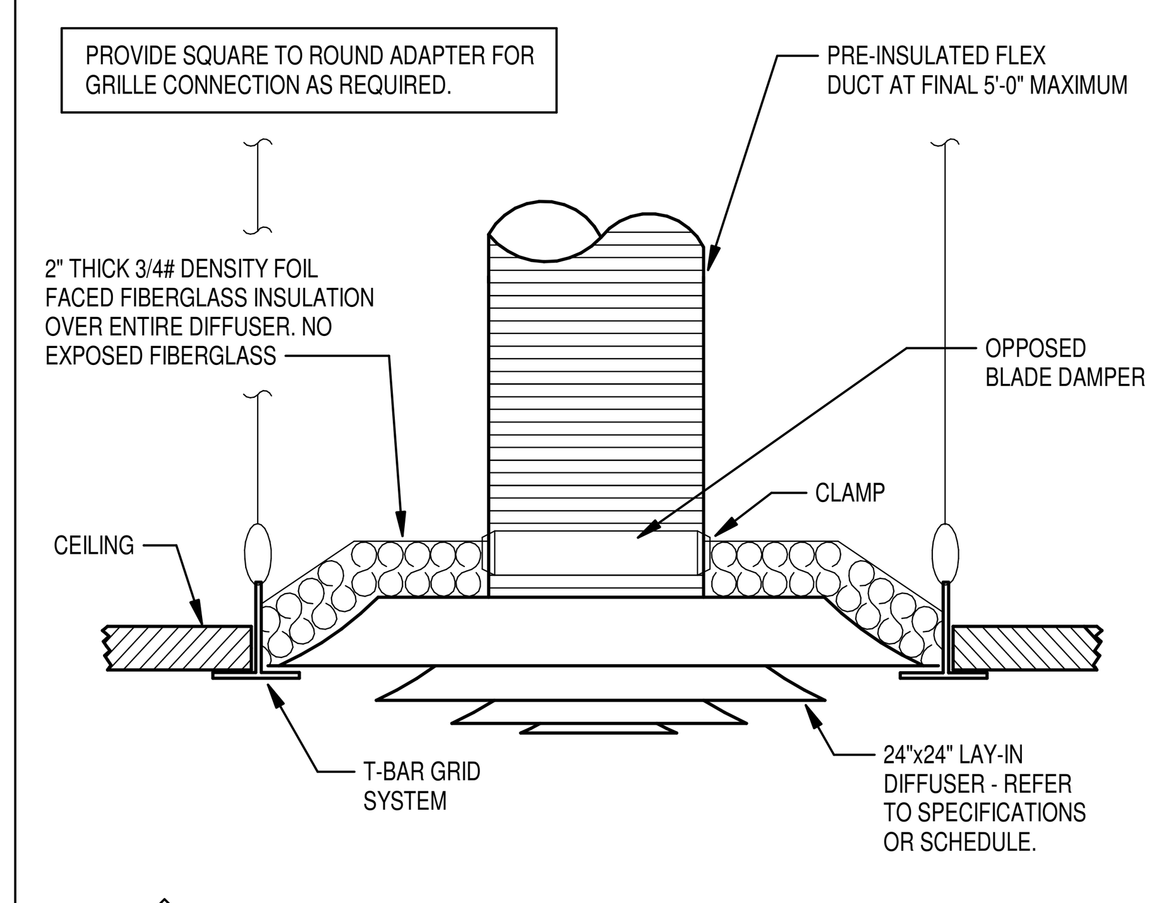
NOTES:
1. PROVIDE AIR HANDLING UNIT WITH SINGLE POINT POWER CONNECTION. SINGLE PHASE UNITS SHALL BE PROVIDED WITH INTEGRAL DISCONNECT SWITCH MOUNTED IN THE FRONT PANEL OF UNIT.
2. EACH UNIT SHALL HAVE AN AIR IONIZATION DEVICE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. REFER TO SPECIFICATIONS FOR DEVICE TYPES AND MOUNTING LOCATION.
3. REFER TO SPECIFICATIONS APPROVED EQUALS.
4. AIR FILTERS SHALL BE LOCATED AT UNIT.



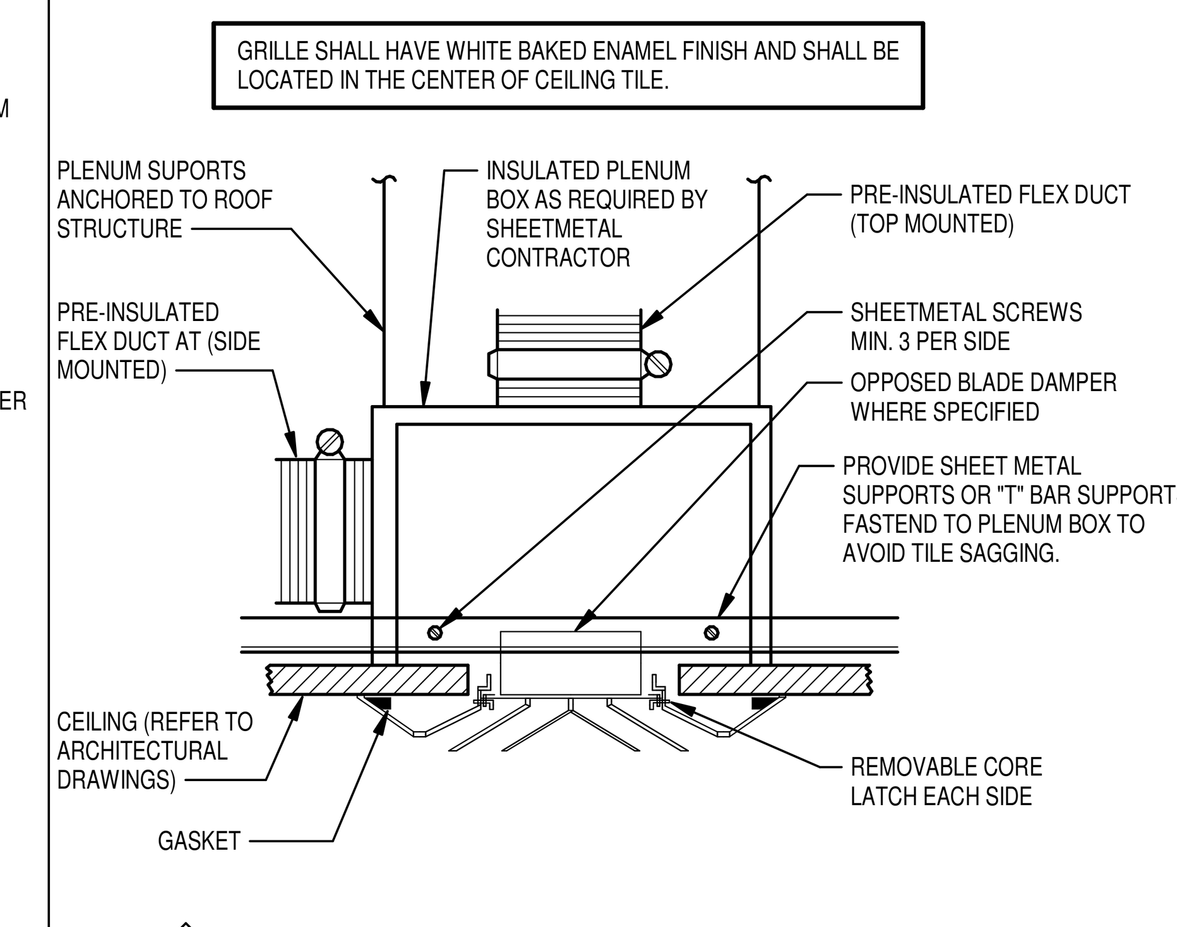
1 VERTICAL DX AIR HANDLING UNIT, DUCTED RETURN NO SCALE



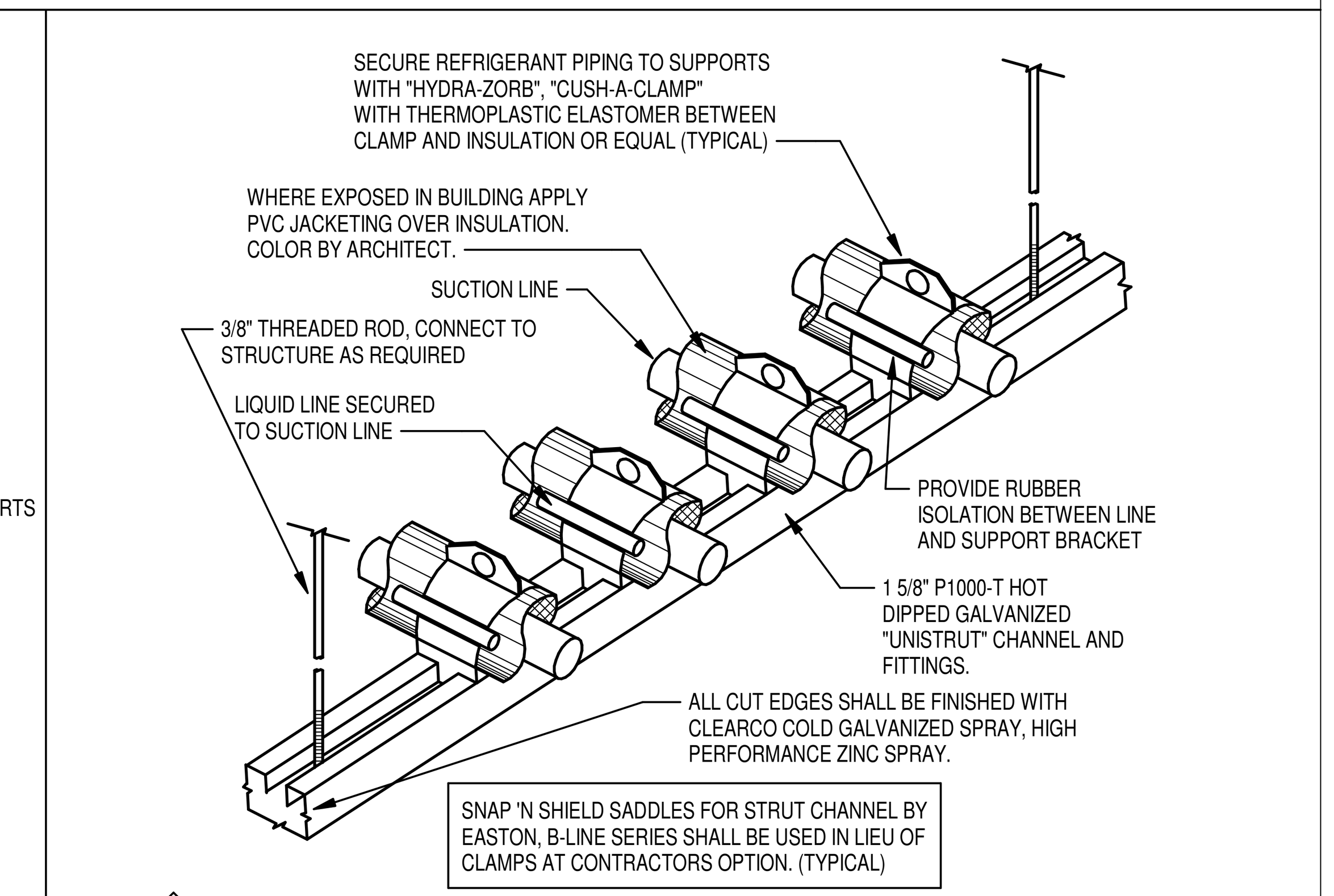
2 CEILING DIFFUSER DETAIL NO SCALE



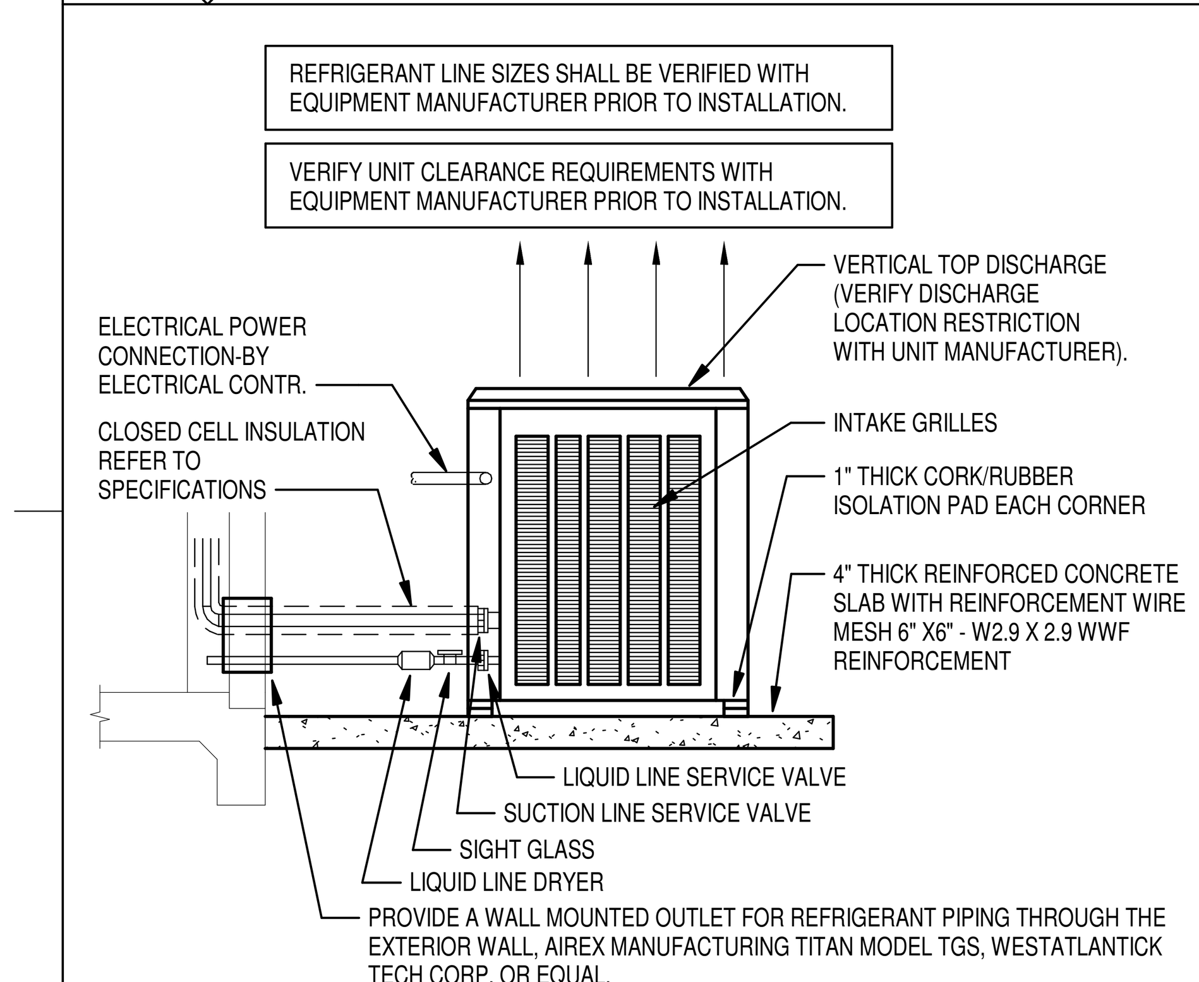
3 LAY-IN DIFFUSER DETAIL NO SCALE



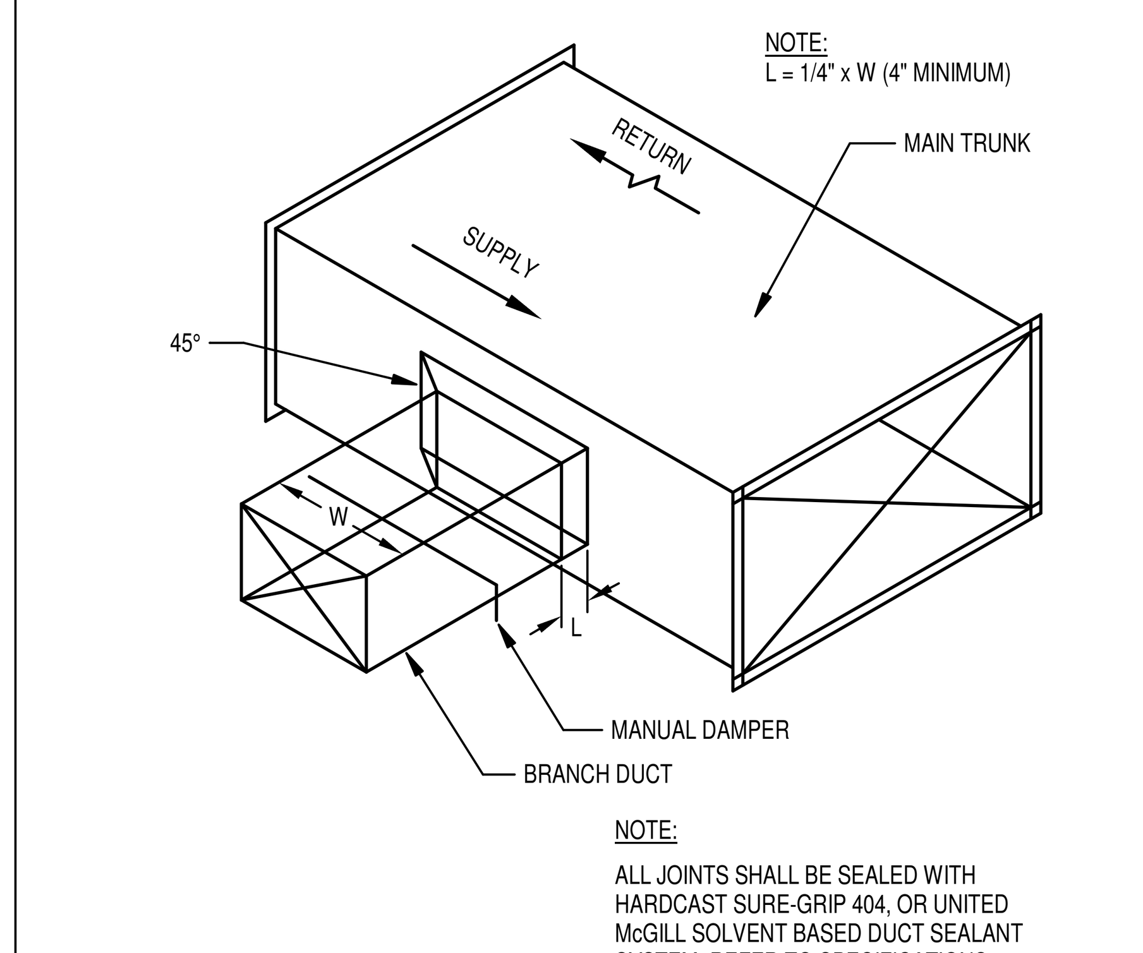
4 SUPPLY DIFFUSER SURFACE MOUNTED DETAIL NO SCALE



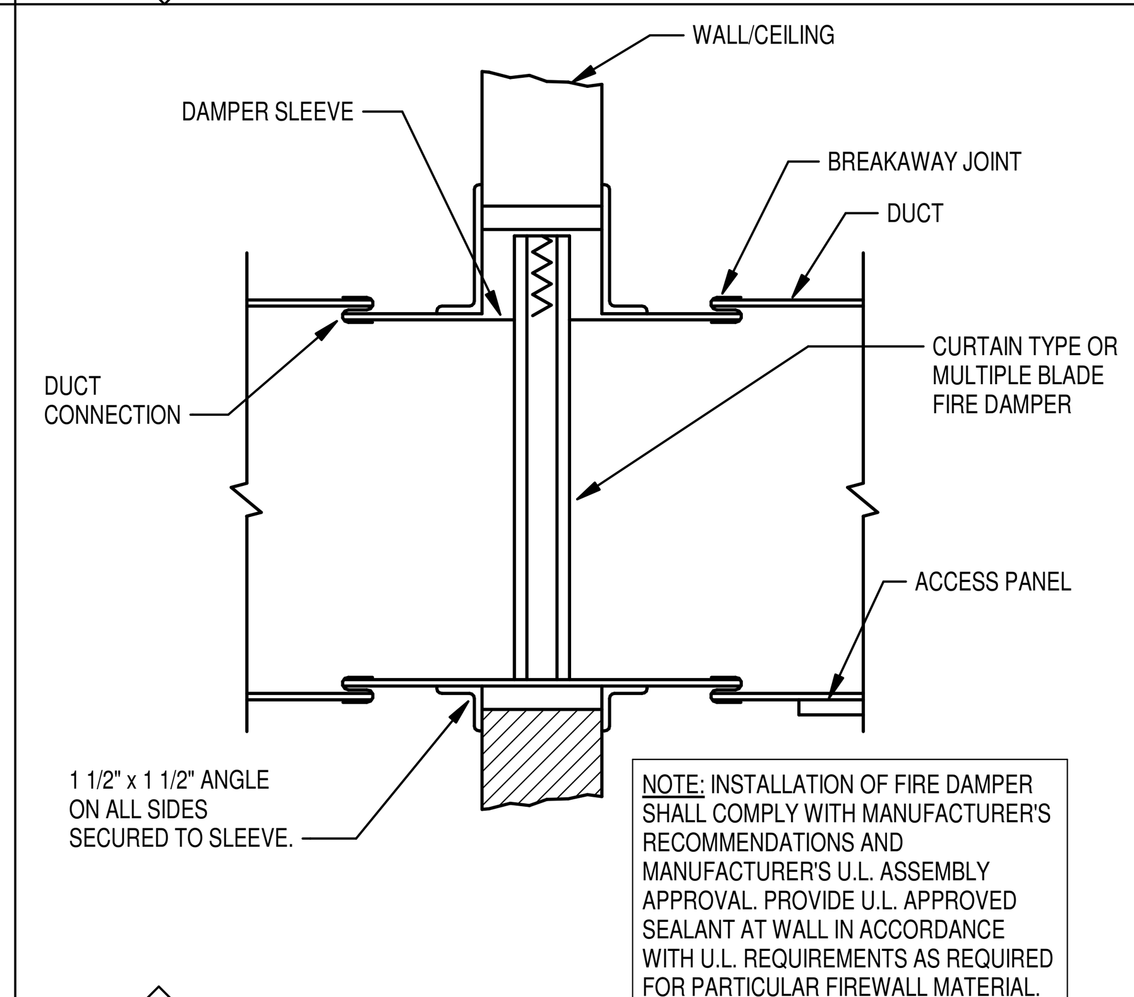
9 DX SPLIT SYSTEM INDOOR REFRIGERATION PIPE SUPPORT NO SCALE



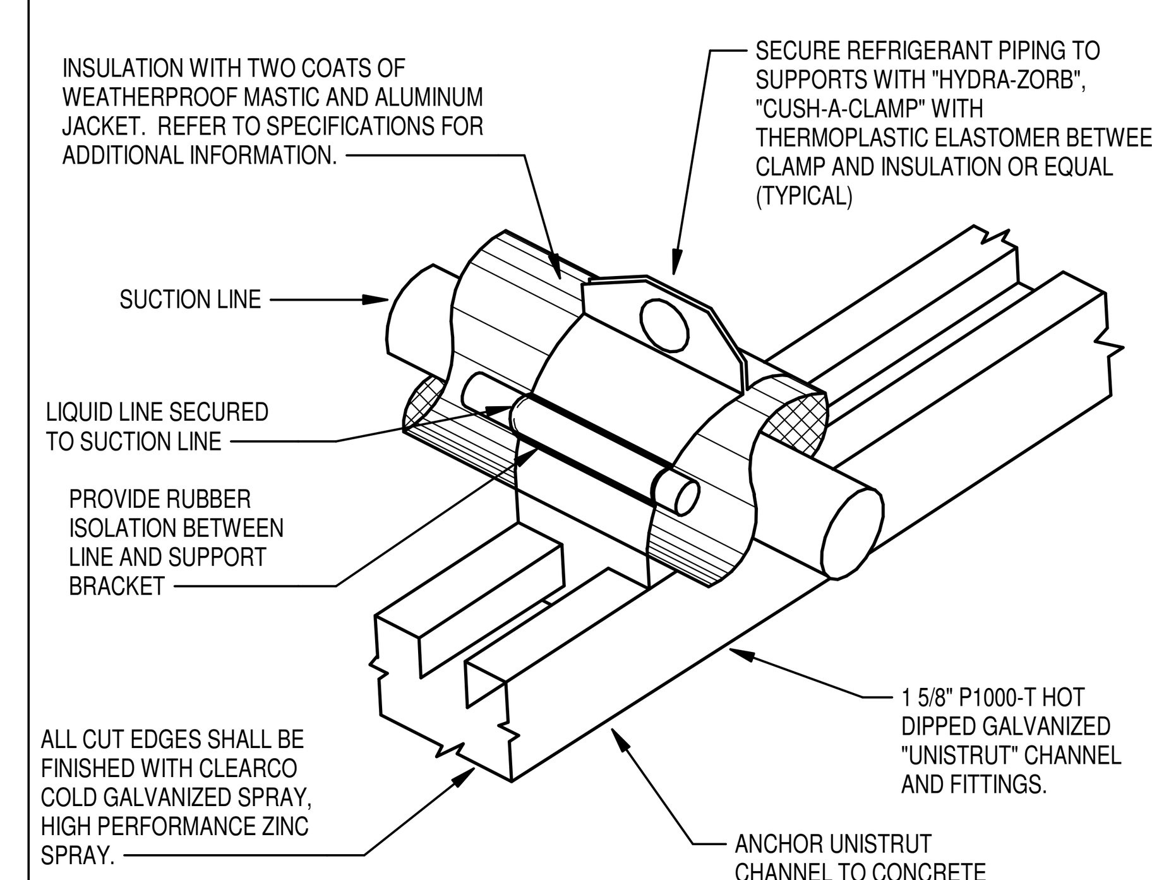
5 DX SPLIT CONDENSING UNIT DETAIL NO SCALE



6 BRANCH DUCT (SUPPLY OR RETURN) DETAIL NO SCALE



7 FIRE DAMPER DETAIL NO SCALE



8 DX SPLIT SYSTEM REFRIGERANT PIPE SUPPORT DETAIL AT OUTDOOR UNIT NO SCALE

1304 BERTRAND DRIVE SUITE E
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DRAWINGS SHEET TITLE
MECHANICAL SCHEDULES & DETAILS

SHEET NUMBER
M301

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DEFINE

ELECTRICAL ABBREVIATIONS

CT	DENOTES COUNTER-TOP-HEIGHT MOUNTED. CONTRACTOR TO VERIFY COUNTER TOP HEIGHT AND HEIGHT OF BACK SPLASH.
E	DENOTES EMERGENCY DEVICE
G	DENOTES GROUND FAULT INTERRUPTER PROTECTED
WP	DENOTES WEATHERPROOF
AFF	DENOTES ABOVE FINISHED FLOOR
C	DENOTES CONDUIT
A	DENOTES AMP
EWC	ELECTRICAL WATER COOLER
W	WALL MOUNTED-48" ABOVE FINISHED FLOOR OR AS NOTED
CB	CODE BLUE
IG	DENOTES ISOLATED GROUND
FDS	FUSED DISCONNECT SWITCH
BOF	BOTTOM OF FIXTURE
MRR	MANUFACTURER'S RECOMMENDED RATING
WR	WEATHER RESISTANT
VOJ	VERIFY ON JOB
VR	VANDAL RESISTANT
SPD	SURGE PROTECTION DEVICE - REFER TO SPECIFICATIONS.

ELECTRICAL LINE TYPE LEGEND

SCREENED LINES/SYMBOLS INDICATE EXISTING DEVICES TO REMAIN.

DASHED LINES/SYMBOLS INDICATE EXISTING DEVICES TO BE REMOVED OR RELOCATED.

BOLD LINES/SYMBOLS INDICATE NEW OR RELOCATED DEVICES.

DESIGN

ELECTRICAL LEGEND

SYMBOL	LIGHTING DESCRIPTION
	LIGHTING FIXTURE-REFER TO LIGHTING FIXTURE SCHEDULE
	LIGHTING FIXTURE-REFER TO LIGHTING FIXTURE SCHEDULE
	LIGHTING FIXTURE-REFER TO LIGHTING FIXTURE SCHEDULE
	LIGHTING FIXTURE-REFER TO LIGHTING FIXTURE SCHEDULE
	CEILING MOUNTED EXIT LIGHT - REFER TO LIGHTING FIXTURE SCHEDULE - ARROWS DEFINE DIRECTION
	WALL MOUNTED EXIT LIGHT - COORDINATE FINAL MOUNTING HEIGHT WITH THE ARCHITECT - REFER TO LIGHTING FIXTURE SCHEDULE - ARROWS DEFINE DIRECTION
	EMERGENCY LIGHT (8'-0" A.F.F. OR AS NOTED) - REFER TO LIGHTING FIXTURE SCHEDULE
	CEILING MOUNTED EGRESS LIGHT - REFER TO LIGHTING FIXTURE SCHEDULE
P/C	PHOTOCELL
$	SINGLE POLE TOGGLE SWITCH (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED)
$3	THREE-WAY TOGGLE SWITCH (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED)
$D	WALL MOUNTED DIMMER SWITCH WITH ON/OFF AND 0-10V OUTPUT DIMMING. DIMMER MUST BE COMPATIBLE WITH BALLAST OR LED. REFER TO SPECIFICATIONS. PROVIDE ALL NECESSARY CONDUCTORS FOR COMPLETE OPERATING SYSTEM. (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED)
$M	MOTOR RATED SWITCH (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED). CONTRACTOR TO PROVIDE SWITCH TO DE-ENERGIZE EACH CURRENT CARRYING CONDUCTOR. LOCATE ADJACENT TO EQUIPMENT BEING SERVED IN A READILY ACCESSIBLE LOCATION.
$K	SINGLE POLE KEYED SWITCH (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED)
$*	SWITCH (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED) COORDINATE TYPE AND INSTALLATION REQUIREMENTS WITH MANUFACTURE. COORDINATE LOCATION WITH OWNER.
	SINGLE POLE SWITCH. MOUNT IN DOOR SWING. LEE ELECTRIC: 210DN
$$	INBOARD AND OUTBOARD SWITCHING UNLESS NOTED OTHERWISE (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED)
$T	SINGLE POLE DIGITAL PRESET COUNT DOWN TYPE TIMER SWITCH (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED) SENSORSWITCH PTS 60 OR EQUAL
[$]	WALL MOUNTED OCCUPANCY SENSOR (48" AFF TO CENTER OF DEVICE OR AS NOTED) - REFER TO SPECIFICATIONS.
[$$]	WALL MOUNTED DOUBLE SWITCH OCCUPANCY SENSOR (48" AFF TO CENTER OF DEVICE OR AS NOTED) - REFER TO SPECIFICATIONS.
	CORNER MOUNTED OCCUPANCY SENSOR - MOUNTING HEIGHT TO BE DETERMINED PER MANUFACTURER'S RECCOMENDATIONS FOR OPTIMAL COVERAGE - MYTECH, WATT STOPPER
	POWER DESCRIPTION
	DUPLEX CONVENIENCE OUTLET (18" A.F.F. FOR GENERAL AREAS, 36" A.F.F. FOR GARAGES, HANGARS AND THE LIKE OR AS NOTED)
TV	TELEVISION OUTLET (VERIFY MOUNTING HEIGHT AND LOCATION WITH ARCHITECT)
EWC	ELECTRICAL WATER COOLER; COORDINATE ELECTRICAL DEVICE/OUTLET TYPE AND LOCATION WITH PLUMBING CONTRACTOR (CONCEAL OUTLET/DEVICE BEHIND COOLER) OUTLET TO BE GROUND FAULT INTERRUPTER PROTECTED.
MW	MICROWAVE OUTLET - RECESSED 20 AMP DUPLEX OUTLET. HUBBELL OR EQUAL. VERIFY EXACT MOUNTING LOCATION WITH OWNER/ACHITECT PRIOR TO ROUGH IN.
WH	WATER HEATER; COORDINATE ELECTRICAL OUTLET/DISCONNECT TYPE AND LOCATION WITH PLUMBING CONTRACTOR
SB	SMART BOARD OUTLET - SB DENOTES HEIGHT OF OUTLET PER OWNER
TR	DUPLEX CONVENIENCE OUTLET (18" A.F.F. OR AS NOTED) TR DENOTES TAMPER RESISTANT - HUBBELL: RR205TR, GFTR20 OR EQUAL.
U	COMBINATION RECEPTACLE/OUTLET AND DUAL USB CHARGER - LEVITON T5832 OR EQUAL. (18" A.F.F. OR AS NOTED)
	DOUBLE DUPLEX CONVENIENCE OUTLET (18" A.F.F. OR AS NOTED)
	SPECIAL OUTLET (VERIFY TYPE AND MOUNTING HEIGHT WITH EQUIPMENT MANUFACTURE)
	COUNTER TOP DUPLEX OUTLET (CLEAR BACK SPLASH)
	CEILING MOUNTED OUTLET
	MOTOR STARTER - PROVIDED BY MECHANICAL CONTRACTOR, INSTALLED BY ELECTRICAL CONTRACTOR.
	FLOOR BOX, POWER (COORDINATE FINAL LOCATION WITH OWNER/ARCHITECT PRIOR TO INSTALLATION) MINIMUM 2-3/4" CONDUITS TO ACCESSIBLE CEILING.
XX	FLOOR BOX, COMBINATION POWER/COMMUNICATIONS (COORDINATE FINAL LOCATION WITH OWNER/ARCHITECT PRIOR TO INSTALLATION. 2-1" CONDUITS IN SLAB TO 6" ABOVE ACCESSIBLE CEILING - PROVIDE BLANK PLATE OR XX DENOTES CABLE TYPE AND QUANTITY; P=PHONE, D=DATA, C=COAX REFER TO SPECIFICATIONS
J	JUNCTION BOX
J EMS	CONTROL POWER FOR ENERGY MANAGEMENT SYSTEM - PROVIDE OUTLET OR JUNCTION BOX AT LOCATION PER EMS CONTRACTOR
J HD	HAND DRYER - COORDINATE OUTLET/DEVICE TYPE WITH SUPPLIER. COORDINATE LOCATION WITH THE OWNER/ARCHITECT PRIOR TO ROUGH-IN.
	ELECTRICAL MOTOR (COORDINATE TERMINATION WITH SUPPLIER)
XX/Y ZZF	FUSED DISCONNECT SWITCH - FUSE AT MANUFACTURE RECOMMENDED RATING UNLESS NOTED OTHERWISE. XX DENOTES DISCONNECT SIZE, Y DENOTES PHASE, ZZF ZZ DENOTES FUSE SIZE.
	ELECTRICAL PANEL SURFACE MOUNTED
	ELECTRICAL PANEL FLUSH MOUNTED
TP	TELEPHONE/POWER POLE: COORDINATE EXACT MOUNTING LOCATION WITH FURNITURE MANUFACTURE. MAKE FINAL CONNECTIONS. REFER TO DETAIL. WIRE MOLD: 30TP-4V
	CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING
	CONDUIT RUN CONCEALED UNDER FLOOR OR BELOW GRADE
	HOMERUN TO ELECTRIC PANEL BOARD (INDICATED NUMBER OF CIRCUIT BY NUMBER OF ARROWS)
	THREE (3) CONDUCTORS RUN IN CONDUIT. EVERY CIRCUIT TO HAVE A GROUND, SHARED NEUTRAL IS NOT ALLOWED.
	FOUR (4) CONDUCTORS RUN IN CONDUIT. EVERY CIRCUIT TO HAVE A GROUND, SHARED NEUTRAL IS NOT ALLOWED.
	FIVE (5) CONDUCTORS RUN IN CONDUIT. EVERY CIRCUIT TO HAVE A GROUND, SHARED NEUTRAL IS NOT ALLOWED.
	FOUR (4) CONDUCTORS RUN IN CONDUIT, ONE CONDUCTOR DESIGNATED FOR ISOLATED GROUND
M	MOTORIZED DAMPER - PROVIDE BY OTHERS. ELECTRICALLY POWERED BY ELECTRICAL CONTRACTOR WHEN NOTED.
S/S	START - STOP STATION - COORDINATE WITH EQUIPMENT PROVIDER.
VFD	VARIABLE FREQUENCY DRIVE PROVIDED BY MECHANICAL AND INSTALLED BY ELECTRICAL. MAINTAIN CLEARANCES PER NFPA 70
	INTERCOM DESCRIPTION
	CLOCK, D=DENOTES DOUBLE FACE, S=DENOTES SINGLE FACE - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE/PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING
AD	ADMINISTRATIVE PHONE - PHONE FOR SPACE PER SPECIFICATIONS
NA	NON-ADMINISTRATIVE PHONE - PHONE FOR SPACE PER SPECIFICATIONS
CP	CLASSROOM PHONE - PROVIDE PHONE FOR SPACE PER SPECIFICATIONS
S	CEILING MOUNTED SPEAKER - PROVIDE SPEAKER BACK BOX AND CABLING
IC	INTERCOM CONTROL STATION - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE/PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING.
	TRUMPET SPEAKER - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE/PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING. VERIFY HEIGHT WITH ENGINEER.

SYMBOL	SPECIAL SYSTEMS DESCRIPTION
	COMMUNICATIONS OUTLET - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH PULLSTRING IN 1" CONDUIT TO ACCESSIBLE CEILING (18" A.F.F OR AS NOTED)
	TELEVISION OUTLET-DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH PULLSTRING IN 1" CONDUIT TO ACCESSIBLE CEILING (VERIFY MOUNTING HEIGHT AND LOCATION WITH ARCHITECT)
XX	DATA JACK ABOVE CEILING W/ 30' OF SLACK (FUTURE WIRELESS ACCESS POINT) XX - DENOTES CABLE QUANTITY
AV	AUDIO & VISUAL - DEEP 4" SQUARE DEEP DOUBLE GANG BOX WITH DOUBLE GANG PLASTER RING (MOUNT 18" A.F.F. V.O.J.) WITH 1 1/4" CONDUIT WITH CABLE/PULLSTRING TO A MINIMUM OF 6" ABOVE CEILING.
OP	OVERHEAD PROJECTOR - DEEP 4" SQUARE BOX INSTALLED ABOVE CEILING ADJACENT TO OVERHEAD PROJECTOR (SEE DETAIL)
AV	AUDIO & VISUAL - RECESSED FLOOR BOX - WIREMOLD RFB9 OR EQUAL (SEE DETAIL)
SB	SMART BOARD J-BOX - 4" SQUARE DEEP BOX WITH SINGLE GANG PLASTER RING WITH CABLE/PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING. (SEE DETAIL)
CS	CONTROL STATION - 4" SQUARE DEEP BOX WITH SINGLE GANG PLASTER RING WITH CABLE/PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING. (SEE DETAIL)
	FIRE ALARM DESCRIPTION
F	FIRE ALARM PULL STATION - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE IN 3/4" CONDUIT TO ACCESSIBLE CEILING (48" A.F.F. TO CENTER OF DEVICE)
VS	FIRE ALARM VALVE SUPERVISORY SWITCH- PROVIDE MONITORING MODULE FOR ALL VALVE SUPERVISORY SWITCHES, COORDINATE REQUIREMENTS, QUANTITIES, AND LOCATIONS WITH THE SPRINKLER CONTRACTOR
WF	FIRE ALARM FLOW DETECTOR/SWITCH - PROVIDE MONITORING MODULE FOR ALL FLOW DETECTORS/SWITCHES, COORDINATE REQUIREMENTS, QUANTITIES, AND LOCATIONS WITH THE SPRINKLER CONTRACTOR
DH	MAGNETIC DOOR HOLDER - CONTRACTOR TO CONNECT TO 120V CIRCUIT. DOOR HOLDERS SHALL RELEASE UPON ACTIVATION OF THE FIRE ALARM SYSTEM
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL - BACK BOX WITH 1" CONDUIT MINIMUM TO ACCESSIBLE CEILING
S	SMOKE DETECTOR - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE IN 3/4" CONDUIT TO ACCESSIBLE CEILING.
SS	SINGLE STATION SMOKE DETECTOR 120 VOLT WITH BATTERY BACKUP AND INTERCONNECTED TO ALL SMOKE DETECTORS IN UNIT.
S ID	FIRE ALARM DUCT DETECTOR
H	HEAT DETECTOR - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE IN 3/4" CONDUIT TO ACCESSIBLE CEILING.
AIO	ADDRESSABLE INPUT/OUTPUT MODULE
XX	FIRE ALARM WALL MOUNTED STROBE UNIT - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE IN 3/4" CONDUIT TO ACCESSIBLE CEILING (MOUNTING HEIGHT AS PER NFPA 72, ALL DEVICES SHALL BE AT SAME HEIGHT) XX DENOTES CANDELA RATING
XX	FIRE ALARM CEILING MOUNTED STROBE - XX DENOTES CANDELA RATING
XX	FIRE ALARM WALL MOUNTED HORN/STROBE UNIT - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE IN 3/4" CONDUIT TO ACCESSIBLE CEILING (MOUNTING HEIGHT AS PER NFPA) XX DENOTES CANDELA RATING
C XX	FIRE ALARM CEILING MOUNTED HORN/STROBE - XX DENOTES CANDELA RATING
S	FIRE ALARM WALL MOUNTED SPEAKER - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE IN 3/4" CONDUIT TO ACCESSIBLE CEILING (MOUNTING HEIGHT AS PER NFPA 72, ALL DEVICES SHALL BE AT THE SAME HEIGHT)
C S	FIRE ALARM CEILING MOUNTED SPEAKER
XX	FIRE ALARM WALL MOUNTED SPEAKER/STROBE UNIT - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE IN 3/4" CONDUIT TO ACCESSIBLE CEILING (MOUNTING HEIGHT AS PER NFPA 72, ALL DEVICES SHALL BE AT THE SAME HEIGHT) XX DENOTES CANDELA RATING
C XX	FIRE ALARM CEILING MOUNTED SPEAKER STROBE - XX DENOTES CANDELA RATING
	SPRINKLER ALARM BELL (BY OTHERS) - PROVIDE DEDICATED LOW VOLTAGE FIRE ALARM CIRCUIT FROM THE FIRE ALARM CONTROL PANEL. COORDINATE WITH SPRINKLER CONTRACTOR.
	SECURITY SYSTEM DESCRIPTION
	SURVEILLANCE CAMERA - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING. CAMERA BY OTHERS. COORDINATE ALL LOCATIONS WITH OWNER'S SECURITY SYSTEM VENDOR.
	SURVEILLANCE CAMERA - (GRID CEILING) CAMERA BY OTHERS. COORDINATE ALL LOCATIONS WITH OWNER'S SECURITY SYSTEM VENDOR.
CR	CARD READER - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING (48" A.F.F. TO CENTER OF DEVICE OR AS NOTED)
L	SECURITY SYSTEM MOTION DETECTOR - LONG RANGE - COORDINATE ROUGH-IN REQUIREMENTS WITH SECURITY SYSTEM PROVIDER.
W	SECURITY SYSTEM MOTION DETECTOR - WIDE RANGE - COORDINATE ROUGH-IN REQUIREMENTS WITH SECURITY SYSTEM PROVIDER.
K	SECURITY SYSTEM KEY PAD - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE/PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING
	SECURITY SYSTEM DOOR CONTACT - COORDINATE ROUGH-IN REQUIREMENTS WITH SECURITY SYSTEM PROVIDER.
H	SECURITY SYSTEM HORN - DEEP 4" SQUARE BOX WITH SINGLE GANG PLASTER RING WITH CABLE/PULLSTRING IN 3/4" CONDUIT TO ACCESSIBLE CEILING.

NOTES:

1. ITEMS ON THIS SCHEDULE ARE NOT NECESSARILY SHOWN ON PLANS.

DELIVER

ELECTRICAL GENERAL NOTES

1. ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS ANY LOCAL CODES AND ORDINANCES.
2. MAINTAIN PROPER WORKING SPACE CLEARANCES ABOUT ELECTRICAL EQUIPMENT PER NEC ARTICLE 110.26.
3. FULLY COORDINATE ALL ELECTRICAL REQUIREMENTS OF EQUIPMENT BEING FURNISHED BY ALL DIVISIONS UNDER THIS CONSTRUCTION CONTRACT. EACH SYSTEM SHALL BE COMPLETE AND FULLY FUNCTIONAL. THIS INCLUDES MECHANICAL, PLUMBING, OWNER PROVIDED AND CONTRACTOR PROVIDED EQUIPMENT. CONTRACTOR TO REFER TO EQUIPMENT INSTALLATION DOCUMENTS AND SHOP DRAWINGS PRIOR TO ANY ROUGH-IN.
4. CONTRACTOR SHALL COORDINATE CIRCUIT BREAKER AND FUSE SIZES FOR MECHANICAL EQUIPMENT PER SUBMITTED EQUIPMENT MANUFACTURER'S RECOMMENDED NAMEPLATE RATINGS PRIOR TO SHOP DRAWING PHASE OF PROJECT.
5. INTERRUPTION OF SERVICE: BEFORE ANY EQUIPMENT IS SHUT DOWN FOR DISCONNECTING OR TIE-INS, ARRANGEMENTS SHALL BE MADE WITH THE ARCHITECT AND THIS WORK SHALL BE DONE AT THE TIME BEST SUITED TO THE OWNER. OUTAGES MUST BE SCHEDULED THROUGH THE ARCHITECT. THE ARCHITECT SHALL REVIEW EXTENT, LENGTH, AND TIMING OF OUTAGES. SERVICES SHALL BE RESTORED THE SAME DAY. PROVIDE TEMPORARY POWER OR OTHER SERVICES AS REQUIRED DURING OUTAGES. ALL OVERTIME OR PREMIUM COSTS ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN THE BASE BID.
6. COORDINATE LOCATION OF ELECTRICAL EQUIPMENT WITH PIPES AND DUCT WORK BEING SUPPLIED BY OTHER DIVISIONS. THE EQUIPMENT SPACE INCLUDED ALL REFERENCED NEC CLEARANCES SHALL BE MAINTAINED. IF ANY PIPES OR DUCT WORK VIOLATE ANY ELECTRICAL CLEARANCE REQUIREMENTS, IT SHALL BE REMOVED AND RELOCATED AT THE CONTRACTOR'S EXPENSE. DRIP PANS ARE NOT PERMITTED UNLESS SPECIFICALLY CALLED FOR IN THE CONSTRUCTION DOCUMENTS.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT ALL EQUIPMENT THAT MAY REQUIRE MAINTENANCE AND OPERATION ARE READILY ACCESSIBLE, REGARDLESS OF THE DIAGRAMMATIC LOCATION SHOWN ON THE DRAWINGS. ALL CONNECTIONS TO FIXTURES AND EQUIPMENT SHOWN ON THE DRAWINGS SHALL BE CONSIDERED DIAGRAMMATIC UNLESS OTHERWISE INDICATED BY A SPECIFIC DETAIL ON THE DRAWINGS. THE ACTUAL CONNECTIONS SHALL BE MADE TO FULLY SUIT THE REQUIREMENTS OF EACH CASE AND ADEQUATELY PROVIDE FOR SERVICING.
8. CONTRACTOR SHALL TAMP AND BACKFILL ALL TRENCHES. TRENCHES SHALL BE LEVEL WITH FINISH GRADE.
9. CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXTENT OF DEMOLITION WORK AND NEW WORK NEEDED FOR THIS PROJECT.
10. CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT SCOPE, CONSTRAINTS, UTILITY CONNECTIONS, AND BUILDING SERVICES.
11. CONTRACTOR SHALL GIVE FIRST RIGHT TO REFUSAL OF SALVAGE TO THE OWNER. IF THE OWNER ELECTS TO NOT KEEP SALVAGE, CONTRACTOR SHALL REMOVE SALVAGE BY LAWFUL MEANS.
12. DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. DRAWINGS SHALL NOT BE SCALED. COORDINATE ROUTING OF SERVICES WITH SITE CONDITIONS AND WITH WORK OF OTHER TRADES.
13. FIELD VERIFY DIMENSIONS PRIOR TO ORDERING, FABRICATING, AND ERECTION OF MATERIAL AND/OR EQUIPMENT. NOTIFY THE ENGINEER OF DISCREPANCIES IN A TIMELY MANNER.
14. SEAL PENETRATIONS THROUGH THE BUILDING ENVELOPE.
15. PENETRATIONS THROUGH RATED WALLS, FLOORS, PARTITIONS AND ASSEMBLIES SHALL BE INSTALLED AND FIRESAFED TO MEET UL. FIRE RESISTANCE LISTING AND NFPA REQUIREMENTS FOR THE PENETRATION.
16. COORDINATE DEVICES REQUIRING ACCESS PANELS WITH THE ARCHITECT AND OTHER TRADES.
17. DEVICE SYMBOLS ALONG WITH DRAWINGS, DRAWING NOTES, AND SPECIFICATIONS ARE INTENDED TO PROVIDE A COMPLETE SYSTEM. CONTRACTOR TO COORDINATE WITH ALL TRADES TO PROVIDE A COMPLETE SYSTEM.

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E. dustin@meconsulting.com
Electrical Contact: David Carroll, P.E. david@meconsulting.com
PROJECT No.: 22009.00

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

STATE OF TEXAS
DAVID CARROLL
137373
LICENSED PROFESSIONAL ENGINEER
04/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR
SCHEMATIC DESIGN ☐
DATE:____________
DESIGN DEVELOPMENT ☐
DATE:____________
BIDS & CONSTRUCTION ☒
DATE: 4/11/2022
REVISION:
DATE:____________
REVISION:
DATE:____________
REVISION:
DATE:____________

DRAWINGS SHEET TITLE
ELECTRICAL LEGEND & NOTES

SHEET NUMBER
E000

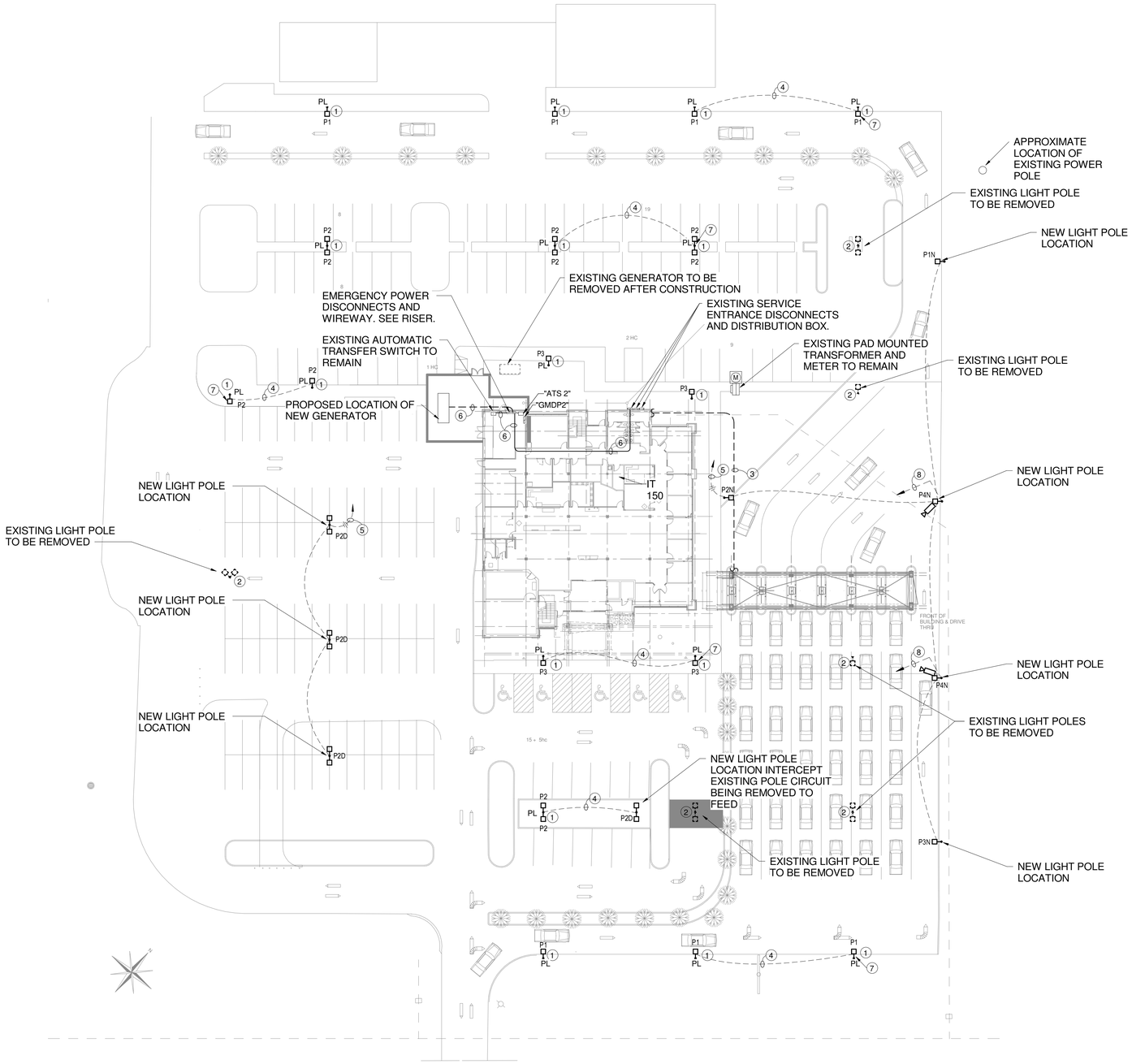
21041
PROJECT NUMBER

GENERAL ELECTRICAL NOTES:

1. EXISTING POLES BEING REMOVED SHALL HAVE POLE, LIGHT, FOUNDATION, AND ASSOCIATED CONDUIT AND WIRING REMOVED ENTIRELY BACK TO NEXT POLE IN CIRCUIT. IF REMOVAL OF POLE INTERRUPTS CIRCUIT, RE-FEED POLES REMAINING AS SHOWN.

ELECTRICAL SITE NOTES (#)

1	BASE BID: EXISTING POLE TO REMAIN. FIXTURES TO BE REPLACED. ALTERNATE #2: EXISTING POLE AND FIXTURES SHALL BE REPLACED.
2	REMOVE EXISTING POLE LIGHT, FOUNDATION AND ASSOCIATED CIRCUIT AND WIRING ENTIRELY BACK TO NEXT POLE IN CIRCUIT.
3	2" CONDUIT WITH PULL STRING TO DATA CONTROL BOX FROM MDF IN IT 150.
4	3/4" CONDUIT WITH 3#10 TO EXISTING EXTERIOR LIGHTING CIRCUIT IN THIS AREA.
5	3/4" CONDUIT WITH 3#10 TO 20/1 BREAKER IN PANEL N1A, CIRCUIT VIA LIGHTING CONTACTOR. PROVIDE CIRCUIT BREAKER AS NECESSARY.
6	APPROXIMATE ROUTING OF CONDUIT, SEE RISER.
7	RE-FEED EXISTING POLE LIGHT.
8	3/4" CONDUIT WITH PULLSTRING TO IT 150 FOR CAMERA.



1 Electrical Site Plan
1" = 30'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

STATE OF TEXAS
DAVID CARROLL
137373
LICENSED PROFESSIONAL ENGINEER
04/11/2022

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DATE:

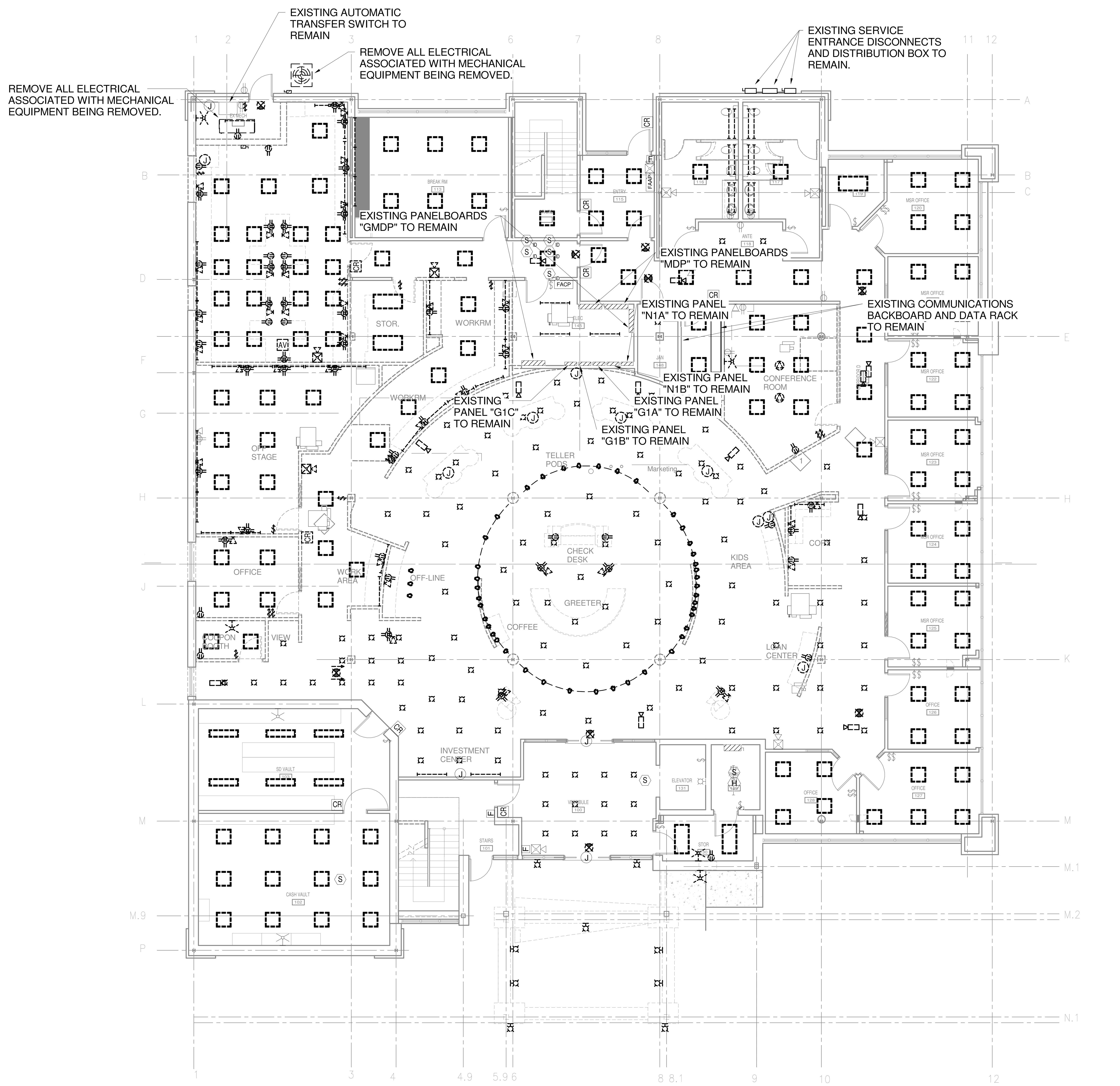
DRAWINGS SHEET TITLE
ELECTRICAL SITE PLAN

SHEET NUMBER
E101

21041
PROJECT NUMBER

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00

SAVED:
PLOTTED BY: KELLY
LEROY JEF
PLOT DATE: 12/14/2021
12:29
SHEET SIZE: ARCH expand D (36.00 x 24.00 inches)



1 First Floor Electrical Demolition Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

GENERAL ELECTRICAL DEMOLITION NOTES:

1. THE CONTRACTOR IS ALLOWED TO RE-USE EXISTING DEVICES, DISCONNECTS, & PANELS IF THE EQUIPMENT IS IN GOOD WORKING CONDITION. THE CONTRACTOR SHALL CLEAN & REPAIR THE EXISTING DEVICES AS NEEDED IF THE CONTRACTOR CHOOSES TO RE-USE.

2. REMOVE EXISTING LIGHT FIXTURES, DISCONNECTS, OUTLETS, BOXES, WIRING, CONDUIT, ETC. AND OFFER TO OWNER. IF OWNER REFUSES, ELECTRICAL CONTRACTOR SHALL REMOVE FROM SITE AND PROPERLY AND LEGALLY DISPOSE.

3. REMOVE EXISTING DEVICES FROM WALLS BEING DEMOLISHED. IF THEY OCCUR IN THE MIDDLE OF A CIRCUIT, MAKE THE REMAINDER OF THE CIRCUIT CONTINUOUS.

4. RELOCATE EXISTING DEVICE AND EXTEND EXISTING CIRCUITRY. WHERE NECESSARY.

5. MAINTAIN ALL REMAINING EXISTING CIRCUITS WHERE INTERRUPTED BY DEMOLITION WORK. PROVIDE WIRING AND CONDUIT TO RESTORE CONTINUOUS CIRCUIT INTEGRITY.

6. PROTECT EXISTING ELECTRICAL EQUIPMENT AND INSTALLATIONS INDICATED TO REMAIN. IF DAMAGED OR DISTURBED IN THE COURSE OF THE WORK, REMOVE DAMAGED PORTIONS AND INSTALL NEW PRODUCTS OF EQUAL CAPACITY, QUALITY, AND FUNCTIONALITY.

7. CONTACT TEXAS 811 FOR IDENTIFICATION OF ALL UNDERGROUND UTILITIES PRIOR TO REMOVAL.

8. EXISTING ROUTING OF CIRCUITS/FEEDERS ARE INDICATED ON DRAWINGS FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATIONS OF FEEDERS/CIRCUITS PRIOR TO ANY EXCAVATION. CONTRACTOR SHALL BARE ALL COST OF RESTORING EXISTING ELECTRICAL FUNCTIONALITY SHOULD ANY EXISTING UNDERGROUND ELECTRICAL UTILITIES BE DAMAGED DURING THE COURSE OF CONSTRUCTION.

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00
CONSULTING

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

STATE OF TEXAS
DAVID CARROLL
137373
LICENSED
PROFESSIONAL ENGINEER
04/11/2022

PORT ARTHUR BRANCH RENOVATION

5Point Credit Union

4401 Hwy 73
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DESIGN DEVELOPMENT ☐
DATE:
BIDS & CONSTRUCTION ☒
DATE: 4/11/2022
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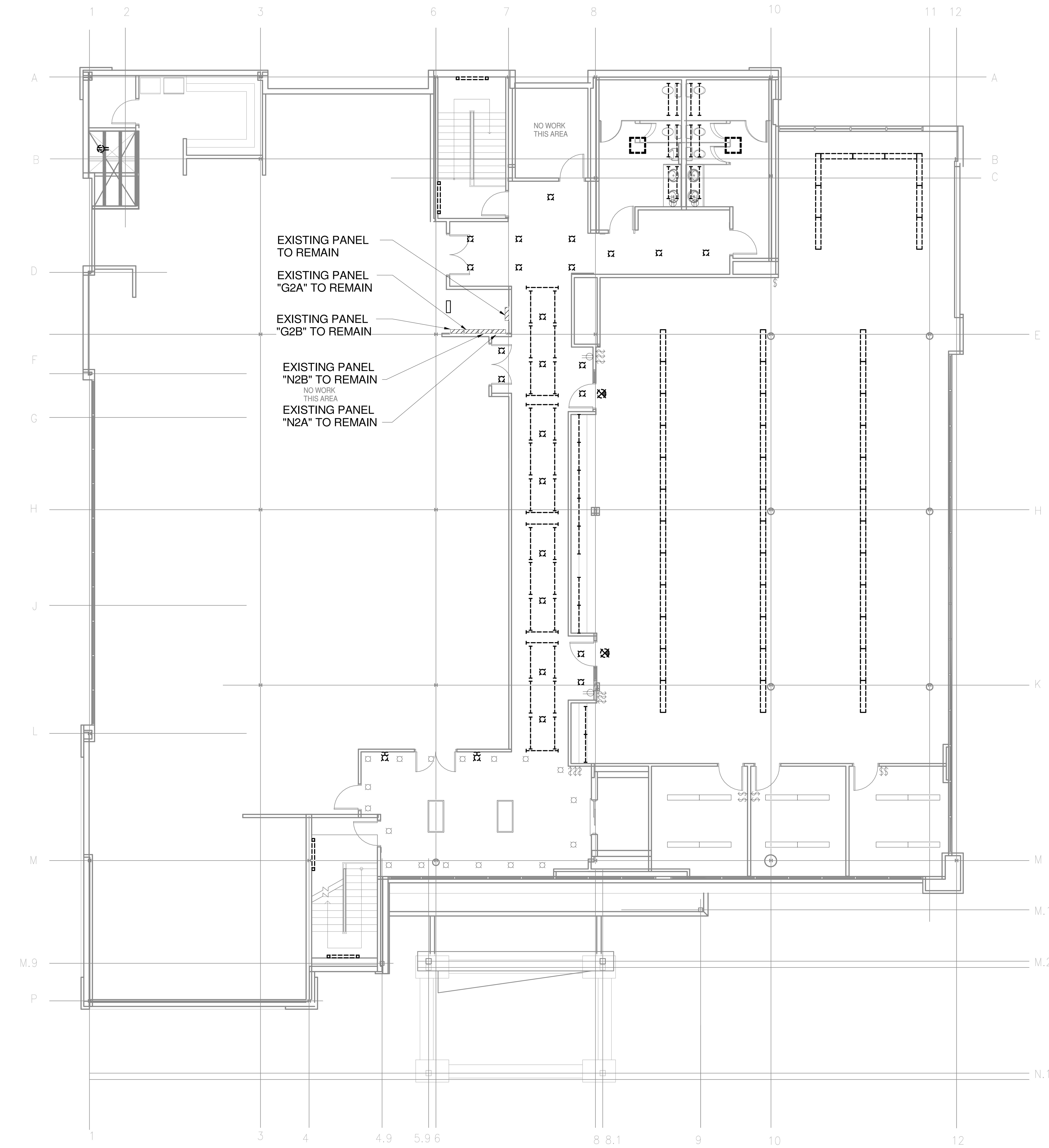
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
1st FLOOR ELECTRICAL DEMOLITION PLAN

SHEET NUMBER
E201

21041
PROJECT NUMBER



(1) Second Floor Electrical Demolition Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

STATE OF TEXAS
DAVID CARROLL
137373
LICENSED PROFESSIONAL ENGINEER
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DRAWINGS SHEET TITLE
2nd FLOOR ELECTRICAL DEMOLITION PLAN

M&E CONSULTING
1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00

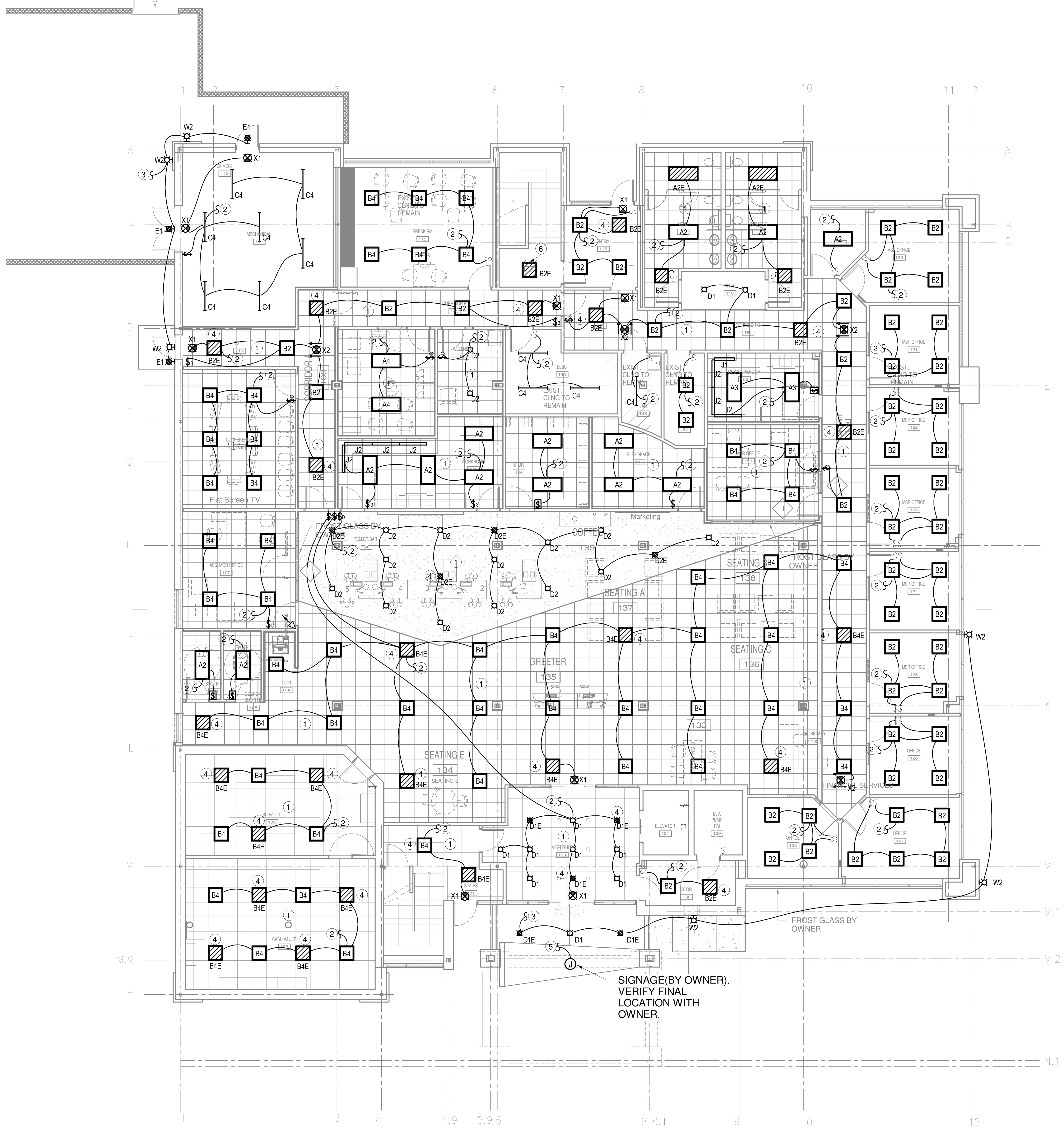
SHEET NUMBER
E202

21041
PROJECT NUMBER

GENERAL LIGHTING NOTES:

1. HATCHED FIXTURES INDICATE EMERGENCY BATTERY PACK FIXTURES. CIRCUIT BATTERY PACKS AHEAD OF SWITCHES.

LIGHTING NOTES (#)	
1	THIS SPACE TO BE CONTROLLED BY CEILING MOUNTED OCCUPANCY SENSOR. PLACEMENT, QUANTITY AND TYPE TO BE DETERMINED BY MANUFACTURE. REFER TO ELECTRICAL SPECIFICATION 26 09 23.
2	1/2" CONDUIT WITH 3#12 TO EXISTING LIGHTING CIRCUIT IN THIS AREA.
3	3/4" CONDUIT WITH 3#10 TO EXISTING EXTERIOR LIGHTING CIRCUIT IN THIS AREA.
4	NIGHT LIGHTING - FIXTURE TO REMAIN UNSWITCHED.
5	3/4" CONDUIT WITH 3#12 TO EXISTING SIGNAGE CIRCUIT IN THIS AREA.
6	INSTALL FIXTURE IN ORIGINAL FIXTURE LOCATION AND TIE TO EXISTING CIRCUIT.



(1) First Floor Lighting Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

STATE OF TEXAS
DAVID CARROLL
137373
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BIDS & CONSTRUCTION ☒
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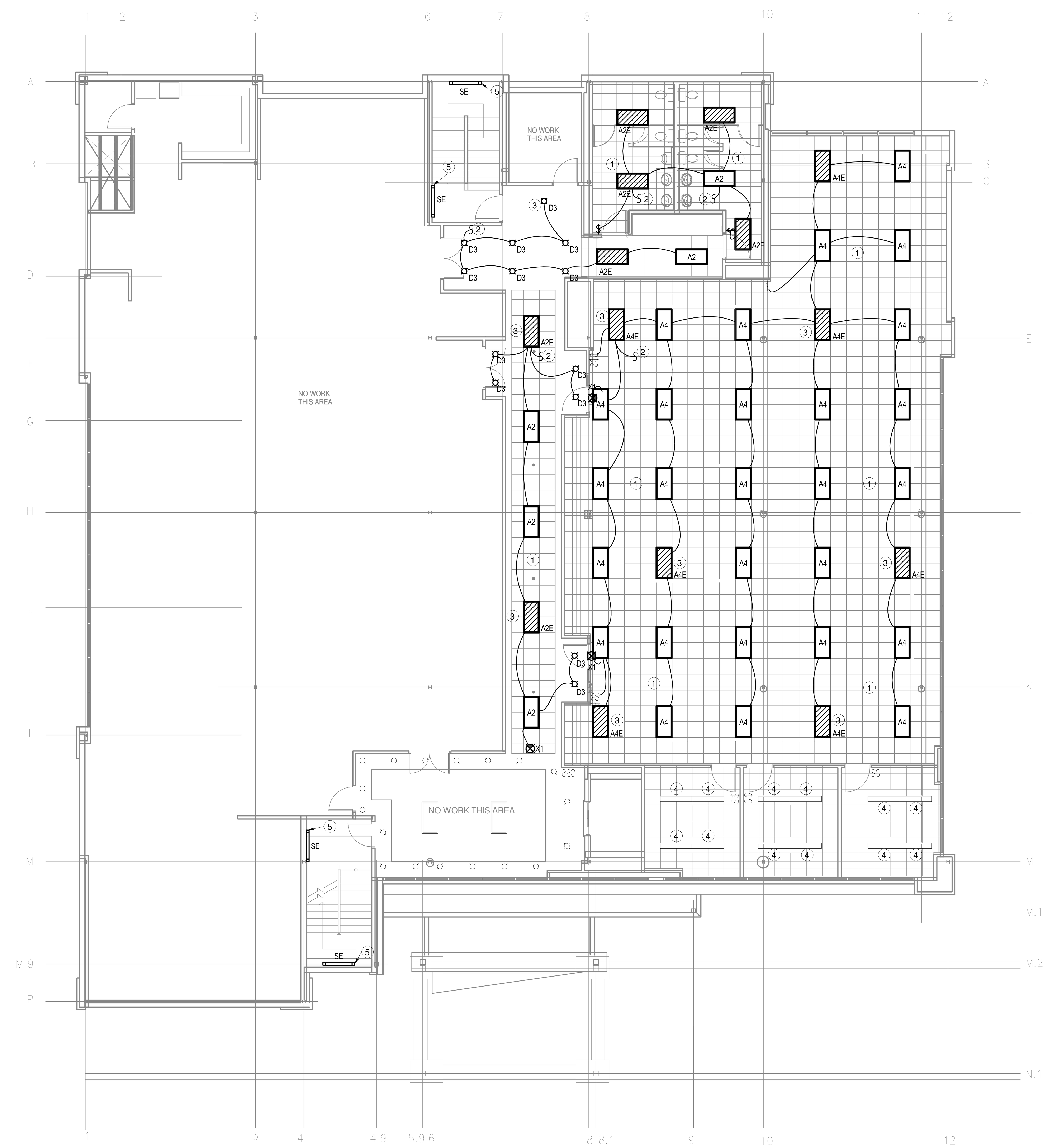
DRAWINGS SHEET TITLE

1st FLOOR LIGHTING PLAN

M&E CONSULTING
1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00

SHEET NUMBER
E301

21041
PROJECT NUMBER



1 Second Floor Lighting Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

GENERAL LIGHTING NOTES:

1. HATCHED FIXTURES INDICATE EMERGENCY BATTERY PACK FIXTURES. CIRCUIT BATTERY PACKS AHEAD OF SWITCHES.

LIGHTING NOTES (#)

1	THIS SPACE TO BE CONTROLLED BY CEILING MOUNTED OCCUPANCY SENSOR. PLACEMENT, QUANTITY AND TYPE TO BE DETERMINED BY MANUFACTURE. REFER TO ELECTRICAL SPECIFICATION 26 09 23.
2	1/2" CONDUIT WITH 3#12 TO EXISTING LIGHTING CIRCUIT IN THIS AREA.
3	NIGHT LIGHTING - FIXTURE TO REMAIN UNSWITCHED.
4	RETROFIT EXISTING FLUORESCENT FIXTURE WITH EQUIVALENT LED TUBE LAMPS WITH INTEGRAL DRIVERS. BYPASS BALLAST. VERIFY EXISTING LAMP TYPE, WATTAGE, AND QUANTITY PER FIXTURE.
5	INSTALL FIXTURE IN ORIGINAL FIXTURE LOCATION AND TIE TO EXISTING CIRCUIT.

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

STATE OF TEXAS
DAVID CARROLL
137373
LICENSED
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04/11/2022

PORT ARTHUR BRANCH RENOVATION

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BIDS & CONSTRUCTION ☒
DATE: 4/11/2022
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DATE:____________
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DATE:____________

DRAWINGS SHEET TITLE
2nd FLOOR LIGHTING PLAN

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00
CONSULTING

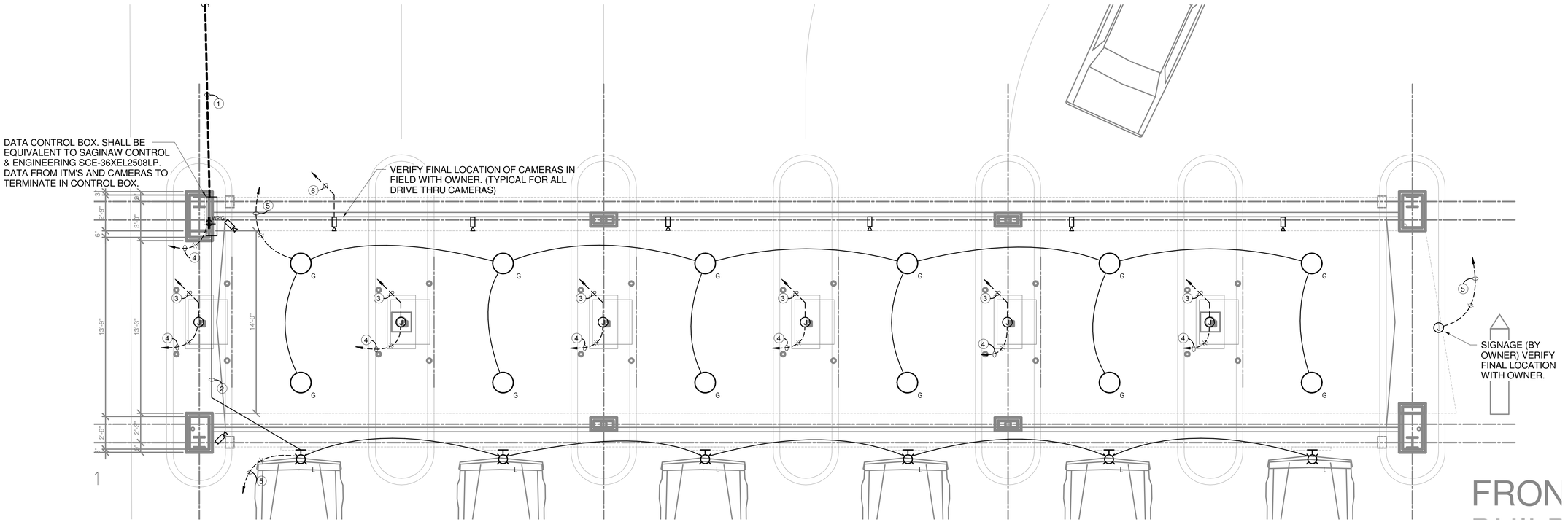
SHEET NUMBER
E302

21041
PROJECT NUMBER

SAVED: HOGAN
PLOT: KELLY LEBOUEF
PLOT DATE: 12/14/2021 12:29
SHEET SIZE: ARCH expand D (36.00 x 24.00 Inches)

ELECTRICAL NOTES (#)

1	2" CONDUIT WITH PULL STRING FROM DATA CABINET TO MDF IN IT 150.
2	3/4" CONDUIT WITH PULL STRING FOR DATA(TYPICAL FOR ALL LANE LIGHTS)
3	(2) 3/4" CONDUITS WITH PULL STRING TO DATA CONTROL BOX.
4	1" CONDUIT WITH 2#8, 1#10 GROUND TO 20/1 BREAKER IN PANEL G1B. PROVIDE CIRCUIT BREAKER AS NECESSARY.
5	1" CONDUIT WITH 2#8, 1#10 GROUND TO 20/1 BREAKER IN PANEL G1A. CIRCUIT VIA EXISTING LIGHTING CONTACTOR. PROVIDE CIRCUIT BREAKER AS NECESSARY.
6	3/4" CONDUIT WITH PULLSTRING TO DATA CONTROL BOX(TYPICAL FOR ALL DRIVE THRU CAMERAS).



1 Enlarged Lighting Plan - Drive Thru Canopy
1/4" = 1'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

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DAVID CARROLL
137373
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DATE:

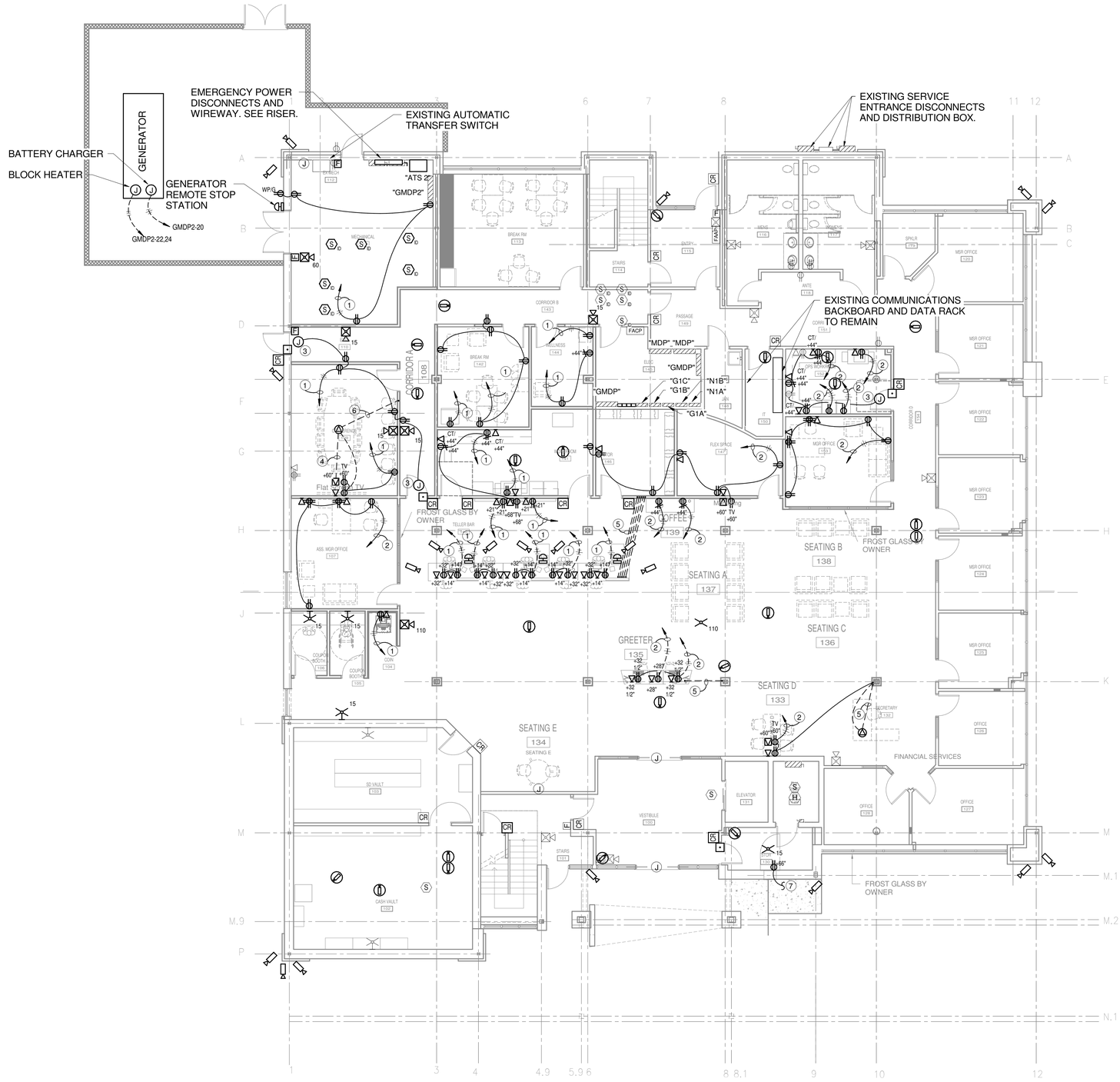
DRAWINGS SHEET TITLE
ENLARGED ELECTRICAL PLAN - DRIVE THRU CANOPY

SHEET NUMBER
E303

21041
PROJECT NUMBER

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00
CONSULTING

SAVED:
PLOTTED BY: KELLY
LEROY JEF
PLOT DATE: 12/14/2021
12:29
SHEET SIZE: ARCH expand D (36.00 x 24.00 inches)



1 First Floor Power Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

ELECTRICAL NOTES:

1. VERIFY ALL DEVICE MOUNTING HEIGHTS AND LOCATIONS IN AND AROUND MILLWORK WITH MILLWORK SHOP DRAWINGS.
2. UNLESS OTHERWISE NOTED ALL RECEPTACLES TO BE MOUNTED AT 18" AFF.

ELECTRICAL NOTES (#)	
1	1/2" CONDUIT WITH 3#12 TO 20/1 CIRCUIT BREAKER IN PANEL G1B. PROVIDE CIRCUIT BREAKER AS NECESSARY.
2	1/2" CONDUIT WITH 3#12 TO 20/1 CIRCUIT BREAKER IN PANEL N1B. PROVIDE CIRCUIT BREAKER AS NECESSARY.
3	POWER SUPPLY FOR DOOR HARDWARE TO BE LOCATED IN CEILING IN THIS AREA. VERIFY FINAL LOCATION IN THE FIELD.
4	1 1/4" CONDUIT WITH PULL STRING TO TV BOX.
5	1" CONDUIT WITH PULL STRING TO NEAREST WALL WITH ACCESSIBLE CEILING.
6	2-1" CONDUITS IN SLAB TO ACCESSIBLE CEILING WITH PULLSTRING
7	3/4" CONDUIT WITH 3#10 TO EXISTING EXTERIOR LIGHTING CIRCUIT IN THIS AREA.

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

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DAVID CARROLL
137373
LICENSED
PROFESSIONAL ENGINEER
04/11/2022

PORT ARTHUR BRANCH RENOVATION
4401 Hwy 73
Port Arthur, TX 77642

5Point Credit Union

ISSUED FOR
SCHEMATIC DESIGN ☐
DATE:
DESIGN DEVELOPMENT ☐
DATE:
BIDS & CONSTRUCTION [X]
DATE: 4/11/2022
REVISION:
DATE:
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DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
1st FLOOR POWER & SPECIAL SYSTEMS PLAN

SHEET NUMBER
E401

21041
PROJECT NUMBER

M&E CONSULTING
1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00

SAVED:
PLOTTED BY: KELLY
PLOT DATE: 12/14/2021
LEROY JEF
12:29
SHEET SIZE: ARCH expand D (36.00 x 24.00 inches)

ELECTRICAL NOTES:

1. VERIFY ALL DEVICE MOUNTING HEIGHTS AND LOCATIONS IN AND AROUND MILLWORK WITH MILLWORK SHOP DRAWINGS.
2. UNLESS OTHERWISE NOTED ALL RECEPTACLES TO BE MOUNTED AT 18" AFF.

ELECTRICAL NOTES

1	1/2" CONDUIT WITH 3#12 TO 20/1 GFCI CIRCUIT BREAKER IN PANEL G2B. PROVIDE GFCI CIRCUIT BREAKER.

① Second Floor Power Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
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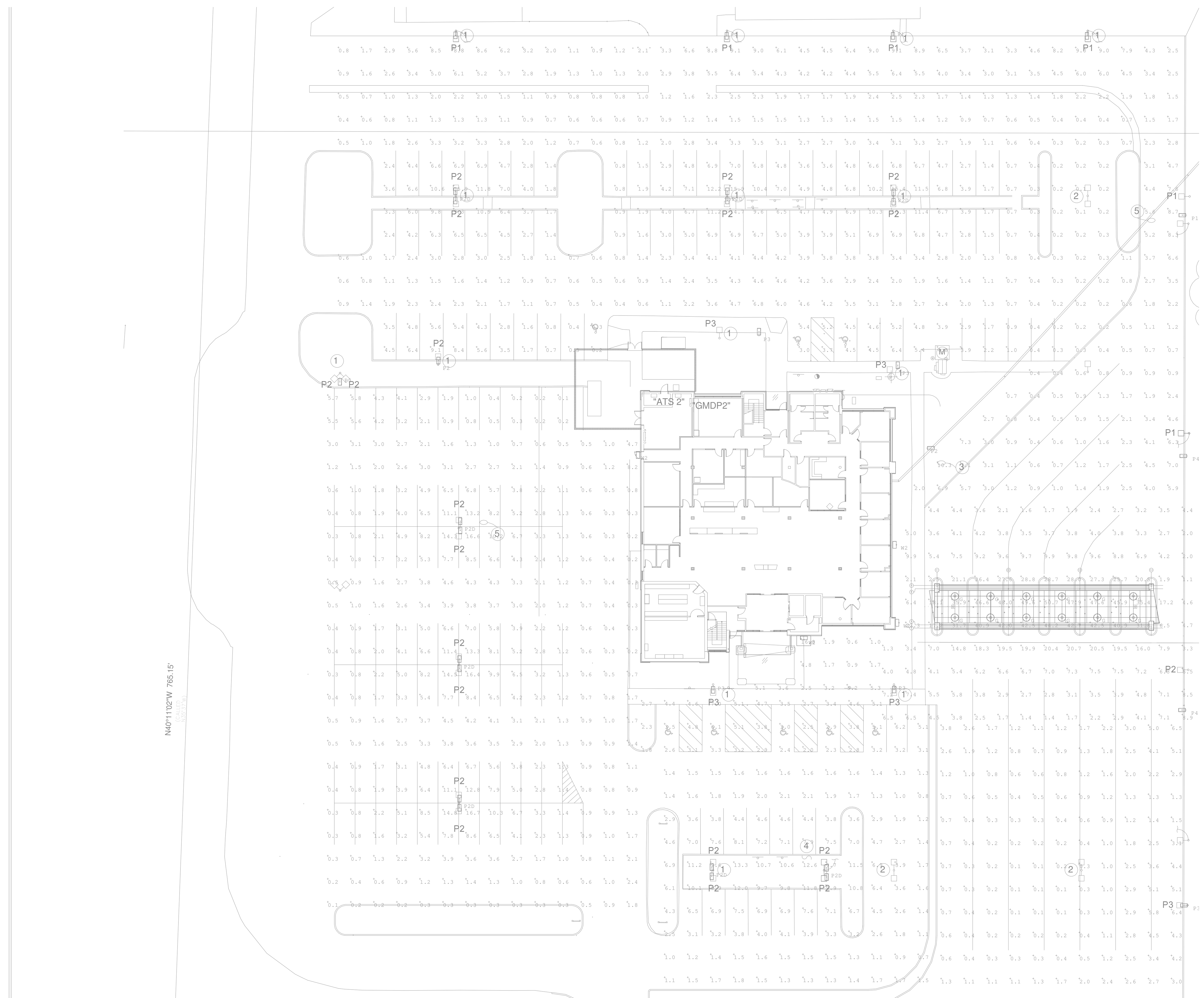
DRAWINGS SHEET TITLE
2nd FLOOR POWER & SPECIAL SYSTEMS PLAN

M&E CONSULTING
1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00

SHEET NUMBER
E402

21041
PROJECT NUMBER



Luminaire Schedule						
Symbol	Qty	Tag	Arrangement	Total Lamp Lumens	LLF	Description
	12	G	SINGLE	N.A.	0.950	VCPGX LED V4 P6 40K 70CRI T5M
	6	P3	SINGLE	N.A.	0.950	GLEON-SA2C-740-U-T4W
	2	P2	SINGLE	N.A.	0.950	GLEON-SA2C-740-U-T3
	8	P2D	BACK-BACK	N.A.	0.950	GLEON-SA2C-740-U-T3
	8	P1	SINGLE	N.A.	0.950	GLEON-SA2C-740-U-T2
	4	W2	SINGLE	N.A.	0.950	AXCS2ARL
	2	P4	SINGLE	N.A.	0.950	GLEON-SA2C-740-U-T4FT

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Drive Thru Tellers	Illuminance	Fc	12.75	50.7	1.1	11.59	46.09
Front ITM Drive	Illuminance	Fc	2.27	8.9	0.1	22.70	89.00
Front Parking lot	Illuminance	Fc	4.07	13.3	0.7	5.81	19.00
Night Deposit	Illuminance	Fc	3.88	16.8	0.6	6.47	28.00
Rear Parking Lot	Illuminance	Fc	3.12	15.9	0.1	31.20	159.00
Side parking lot	Illuminance	Fc	2.89	16.7	0.1	28.90	167.00

1 Site Lighting Calculations
1" = 30'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1143
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.archall.com

STATE OF TEXAS
DAVID CARROLL
137373
LICENSED PROFESSIONAL ENGINEER
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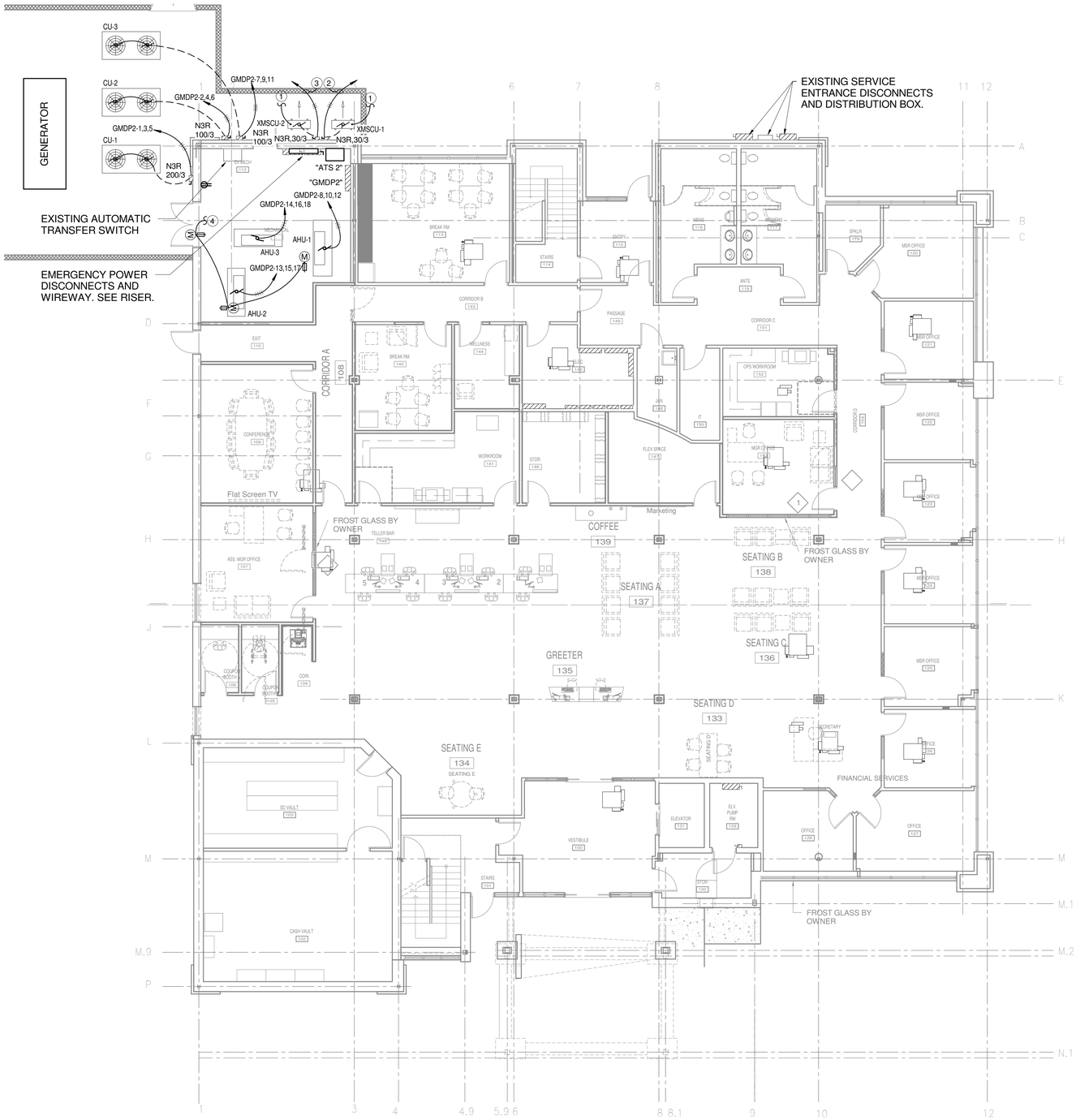
DATE:

DRAWINGS SHEET TITLE
SITE LIGHTING CALCULATIONS

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00
M&E CONSULTING

SHEET NUMBER
E403

21041
PROJECT NUMBER



1 First Floor Mechanical Power Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

ELECTRICAL NOTES (#)

1	3/4" CONDUIT WITH 3#12 TO ASSOCIATED INDOOR UNIT
2	3/4" CONDUIT WITH 3#12 TO EXISTING 20/2 CIRCUIT BREAKER G2C-51, 53
3	3/4" CONDUIT WITH 3#12 TO EXISTING 20/2 CIRCUIT BREAKER G2A-10,12
4	1/2" CONDUIT WITH 3#12 TO NEAREST AVAILABLE 120V POWER CIRCUIT.

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Edison Plaza
Beaumont, Texas 77701
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J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
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DAVID CARROLL
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REVISION:
DATE:

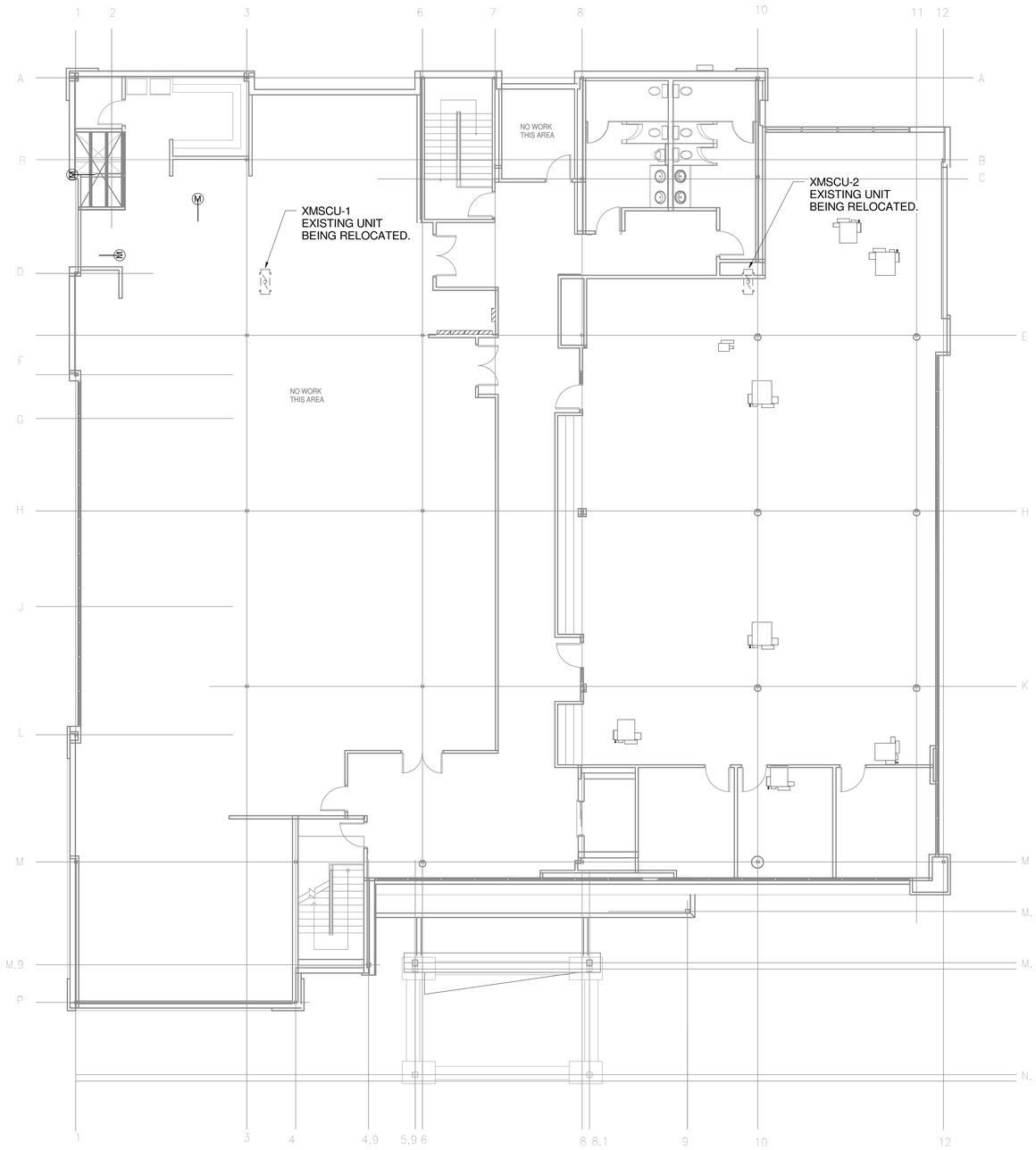
DRAWINGS SHEET TITLE
1st FLOOR MECHANICAL POWER PLAN

SHEET NUMBER
E501

21041
PROJECT NUMBER

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00
CONSULTING

SAVED:
PLOTTED:
PLOT BY: KELLY
LEROUEF
PLOT DATE: 12/14/2021
12:29
SHEET SIZE: ARCH expand D (36.00 x 24.00 inches)



1 Second Floor Mechanical Power Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Ellison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
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DATE:

DRAWINGS SHEET TITLE
2nd FLOOR
MECHANICAL POWER
PLAN

SHEET NUMBER
E502

21041
PROJECT NUMBER

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsultinq.com
Electrical Contact: David Carroll, P.E.
david@meconsulting.com
PROJECT No.: 22009.00
CONSULTING

LIGHTING FIXTURE SCHEDULE

TYPE MARK	DESCRIPTION	LAMP No.	LAMP TYPE	VOLTS	MANUFACTURER	MODEL	COMMENTS
A2	2'x4' LED LAY-IN FLAT PANEL	-	LED	120	METALUX	24FP-31-35C	
A2E	2'x4' LED LAY-IN FLAT PANEL W/ BATTERY BACKUP	-	LED	120	METALUX	24FP-31-35C-E7W	
A3	2'x4' LED LAY-IN FLAT PANEL	-	LED	120	METALUX	24FP-47-35-C	
A4	2'x4' LED LAY-IN FLAT PANEL	-	LED	120	METALUX	24FP-64-35-C	
A4E	2'x4' LED LAY-IN FLAT PANEL W/ BATTERY BACKUP	-	LED	120	METALUX	24FP-64-35-C-E7W	
B2	2'x2' LED LAY-IN TROFFER	-	LED	120	METALUX	22CZ-LD5-39SE-UNV-L835-CD1	
B2E	2'x2' LED LAY-IN TROFFER W/ BATTERY BACKUP	-	LED	120	METALUX	22CZ-LD5-39SE-UNV-EL7W-L835-CD1	
B4	2'x2' LED LAY-IN TROFFER	-	LED	120	METALUX	22CZ-LD5-44SE-UNV-L835-CD1	
B4E	2'x2' LED LAY-IN TROFFER W/ BATTERY BACKUP	-	LED	120	METALUX	22CZ-LD5-44SE-UNV-EL7W-L835-CD1	
C4	4' LED STRIP LIGHT	-	LED	120	METALUX	4SLSTP4035DD-UNV	
D1	LED DOWN LIGHT	-	LED	120	HALO	HC6-15-D010-HM6-12835-61-WDW	TRIM TO BE SELECTED BY ARCHITECT
D1E	LED DOWN LIGHT	-	LED	120	HALO	HC6-15-D010-IEM7-HM6-12835-61-WDW	TRIM TO BE SELECTED BY ARCHITECT
D2	LED DOWN LIGHT	-	LED	120	HALO	HC6-20-D010-HM6-12835-61-WDW	TRIM TO BE SELECTED BY ARCHITECT
D2E	LED DOWN LIGHT	-	LED	120	HALO	HC6-20-D010-IEM7-HM6-12835-61-WDW	TRIM TO BE SELECTED BY ARCHITECT
D3	LED DOWN LIGHT RETROFIT	-	LED	120	HALO	HC6R-15-D010-HM6R-12835-62R-MDW	TRIM TO BE SELECTED BY ARCHITECT
E1	EXTERIOR EMERGENCY LED LIGHT	-	LED	120	EVENLITE	WLEM-COLOR	FINISH TO BE SELECTED BY ARCHITECT
G	LED SURFACE CANOPY LIGHT	-	LED	120	MCGRAW-EDISON	TT-D6-740-U-WQ-FINISH	FINISH TO BE SELECTED BY ARCHITECT
J1	UNDERCOUNTER LED LIGHT	-	LED	120	FEELUX	TUN7-3500K-120V-SF	
J2	UNDERCOUNTER LED LIGHT	-	LED	120	FEELUX	TUN11-3500K-120V-SF	
L	DRIVE THRU TELLER LANE SIGN	-	LED	120	BY OWNER	BY OWNER	FIXTURE BY OWNER, INSTALLED BY CONTRACTOR.
P1	LED POLE LIGHT	-	LED	120	MCGRAW-EDISON	GLEON-SA2C-740-U-T2-FINISH	FINISH TO BE SELECTED BY ARCHITECT
P1N	LED POLE LIGHT	-	LED	120	MCGRAW-EDISON	GLEON-SA2C-740-U-T2-FINISH	FINISH TO BE SELECTED BY ARCHITECT
P2	LED POLE LIGHT	-	LED	120	MCGRAW-EDISON	GLEON-SA2C-740-U-T3-FINISH	FINISH TO BE SELECTED BY ARCHITECT
P2D	LED DOUBLE HEAD POLE LIGHT 16' OR 25' SQUARE STRAIGHT POLE	-	LED	120	MCGRAW-EDISON	2-GLEON-SA2C-740-U-T3-FINISH/POLE-HAPCO-SSS-16'/25'	FINISH TO BE SELECTED BY ARCHITECT. BASE BID: 16' POLE. ALTERNATE #2: 25' POLE
P2N	LED POLE LIGHT; 16' or 25' STRAIGHT SQUARE POLE	-	LED	120	MCGRAW-EDISON	GLEON-SA2C-740-U-T3-FINISH/POLE-HAPCO-SSS-16'/25'	FINISH TO BE SELECTED BY ARCHITECT. BASE BID: 16' POLE. ALTERNATE #2: 25' POLE
P3	LED POLE LIGHT; 16' or 25' STRAIGHT SQUARE POLE	-	LED	120	MCGRAW-EDISON	GLEON-SA2C-740-U-T4W-FINISH	FINISH TO BE SELECTED BY ARCHITECT
P3N	LED POLE LIGHT; 16' or 25' STRAIGHT SQUARE POLE	-	LED	120	MCGRAW-EDISON	GLEON-SA2C-740-U-T4W-FINISH/POLE-HAPCO-SSS-16'/25'	FINISH TO BE SELECTED BY ARCHITECT. BASE BID: 16' POLE. ALTERNATE #2: 25' POLE
P4N	LED POLE LIGHT; 16' or 25' STRAIGHT SQUARE POLE	-	LED	120	MCGRAW-EDISON	GLEON-SA2C-740-U-T4FT-FINISH/POLE-HAPCO-SSS-16'/25'	FINISH TO BE SELECTED BY ARCHITECT. BASE BID: 16' POLE. ALTERNATE #2: 25' POLE
PL	STRAIGHT SQUARE STEEL POLE	-	-	-	HAPCO	SSS-25'-D-5	FINISH TO BE SELECTED BY ARCHITECT. PART OF ALTERNATE #2 ONLY.
SE	EMERGENCY LED WALL LIGHT W/ BATTERY BACKUP	-	LED	120	CORELITE	CTW-F-2575-50L-8-35K-UNV-STD-BSL6-FINISH-WM-4F	FINISH TO BE SELECTED BY ARCHITECT
W1	LED EXTERIOR WALL LIGHT	-	LED	120	LUMARK	LDWP-FC-3B-120V-FINISH	FINISH TO BE SELECTED BY ARCHITECT
W2	LED WALL LIGHT	-	LED	120	LUMARK	AXCS2ARL-FINISH	FINISH TO BE SELECTED BY ARCHITECT
X1	SINGLE FACE EXIT LIGHT	-	LED	120	SURE-LITES	CX-7-1	
X2	DOUBLE FACE EXIT LIGHT	-	LED	120	SURE-LITES	CX-7-2	

Branch Panel: GMDP2

Location: MECHANICAL 111 **Volts:** 120/208 Wye **A.I.C. Rating:** 42,000
Mounting: Surface **Phases:** 3 **Mains Type:** MLO
Enclosure: Type 1 **Wires:** 4 **Mains Rating:** 600 A

General Schedule Notes:

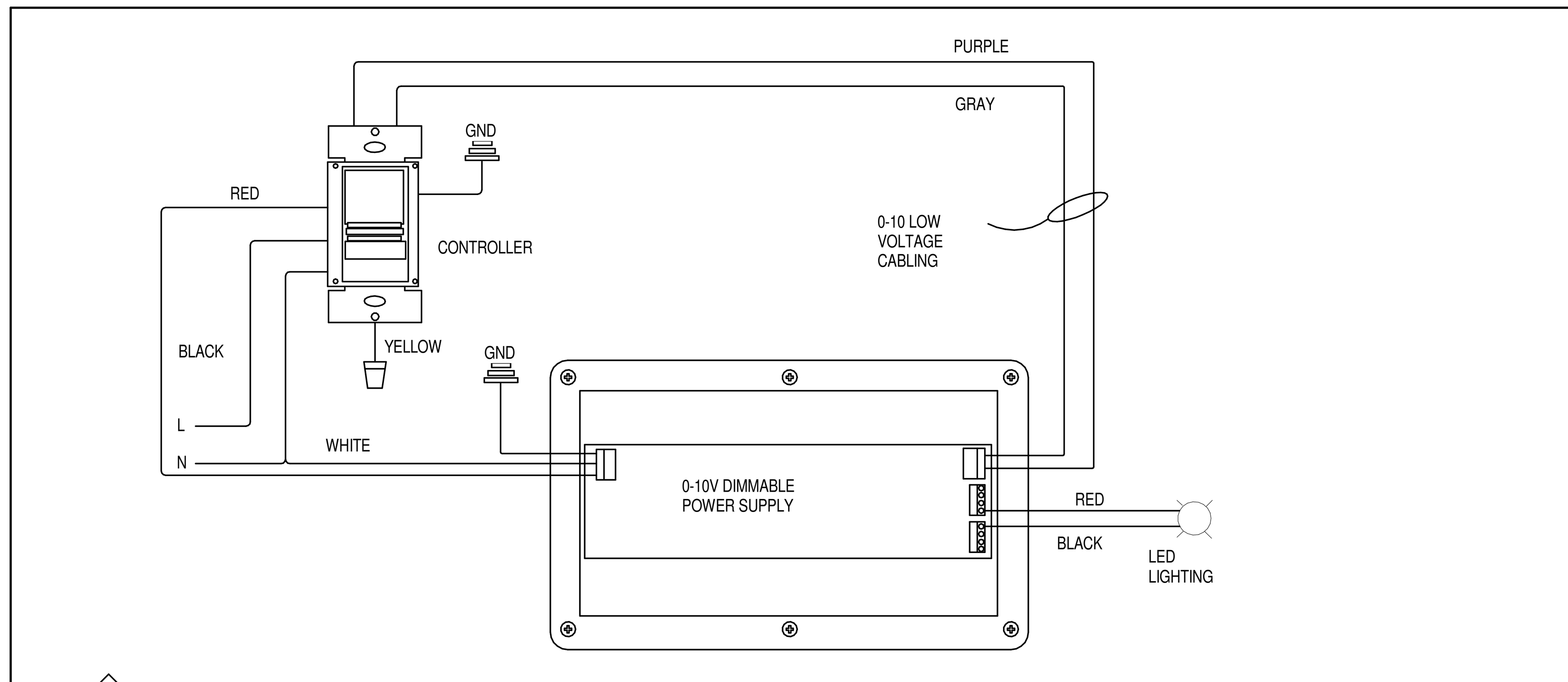
Verify proper working clearances per N.E.C. prior to installation.

Notes	#	Circuit Description	Trip	Poles	Wire		Gnd.	C.	A		B		C		C.	Gnd.	Wire		Poles	Trip	Circuit Description	#	Notes
1	1	CU-1	125	3	3	1/0	6	2"	9360	7200					2"	8	2	3	3	90	CU-2	2	1
--	3	--	--	--	--	--	--	--			9360	7200			--	--	--	--	--	--	--	4	--
--	5	--	--	--	--	--	--	--					9360	7200	--	--	--	--	--	--	--	6	--
1	7	CU-3	90	3	3	2	8	1 1/4"	7200	2904					1"	10	8	3	3	35	AHU-1	8	1
--	9	--	--	--	--	--	--	--			7200	2904			--	--	--	--	--	--	--	10	--
--	11	--	--	--	--	--	--	--					7200	2904	--	--	--	--	--	--	--	12	--
1	13	AHU-2	25	3	3	10	10	3/4"	2004	2004					3/4"	10	10	4	3	25	AHU-3	14	1
--	15	--	--	--	--	--	--	--			2004	2004			--	--	--	--	--	--	--	16	--
--	17	--	--	--	--	--	--	--					2004	2004	--	--	--	--	--	--	--	18	--
	19	Existing Panel "MDP"	400	3	4	500	3	4"	0	500					3/4"	12	12	2	1	20	Gen Battery Charger	20	
--	21	--	--	--	--	--	--	--			0	250			3/4"	12	12	2	2	20	Gen Block Heater	22	
--	23	--	--	--	--	--	--	--					0	250	--	--	--	--	--	--	--	24	--
	25																					26	
	27																					28	
	29																					30	
	31																					32	
	33																					34	
	35																					36	
	37																					38	
	39																					40	
	41																					42	
								Total Load:	31 kVA		31 kVA		31 kVA										
								Total Amps:	260 A		258 A		258 A										

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	20736 VA	100.00%	20736 VA		
Condensing Units	71280 VA	100.00%	71280 VA	**Total Conn. Load:**	93 kVA
Receptacles	1000 VA	100.00%	1000 VA	**Total Est. Demand:**	93 kVA
				Total Conn.:	258 A
				Total Est. Demand:	258 A

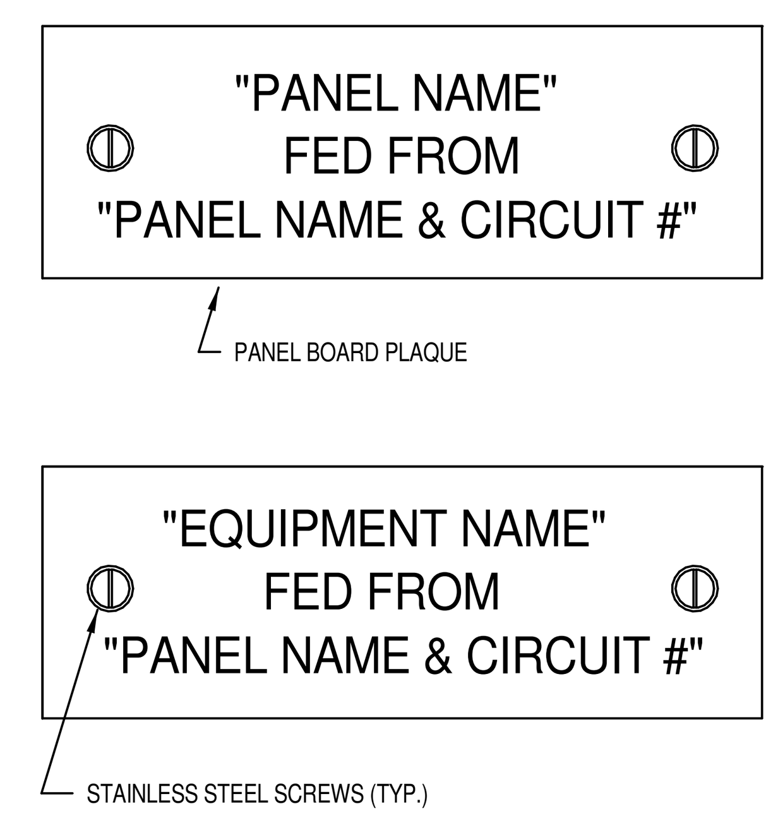
Panel Schedule Notes: (Notes below do not necessarily appear in panel schedule)

1. VERIFY BREAKER SIZE PER EQUIPMENT MANUFACTURER'S RECOMMENDED NAME PLATE RATING PRIOR TO SHOP DRAWINGS PHASE OF PROJECT.
2. CIRCUIT VIA _ POLE LIGHTING CONTACTOR. CONTROL WITH (2) CIRCUIT INTERMATIC OR EQUAL ASTRONOMICAL TIME CLOCK WITH BATTERY BACKUP. PHOTOCELL "ON" TIME CLOCK "OFF".
3. PROVIDE GFCI PROTECTED CIRCUIT BREAKER.
4. CONDUIT, WIRE, AND BREAKER SIZE PER MANUFACTURER'S REQUIREMENTS....



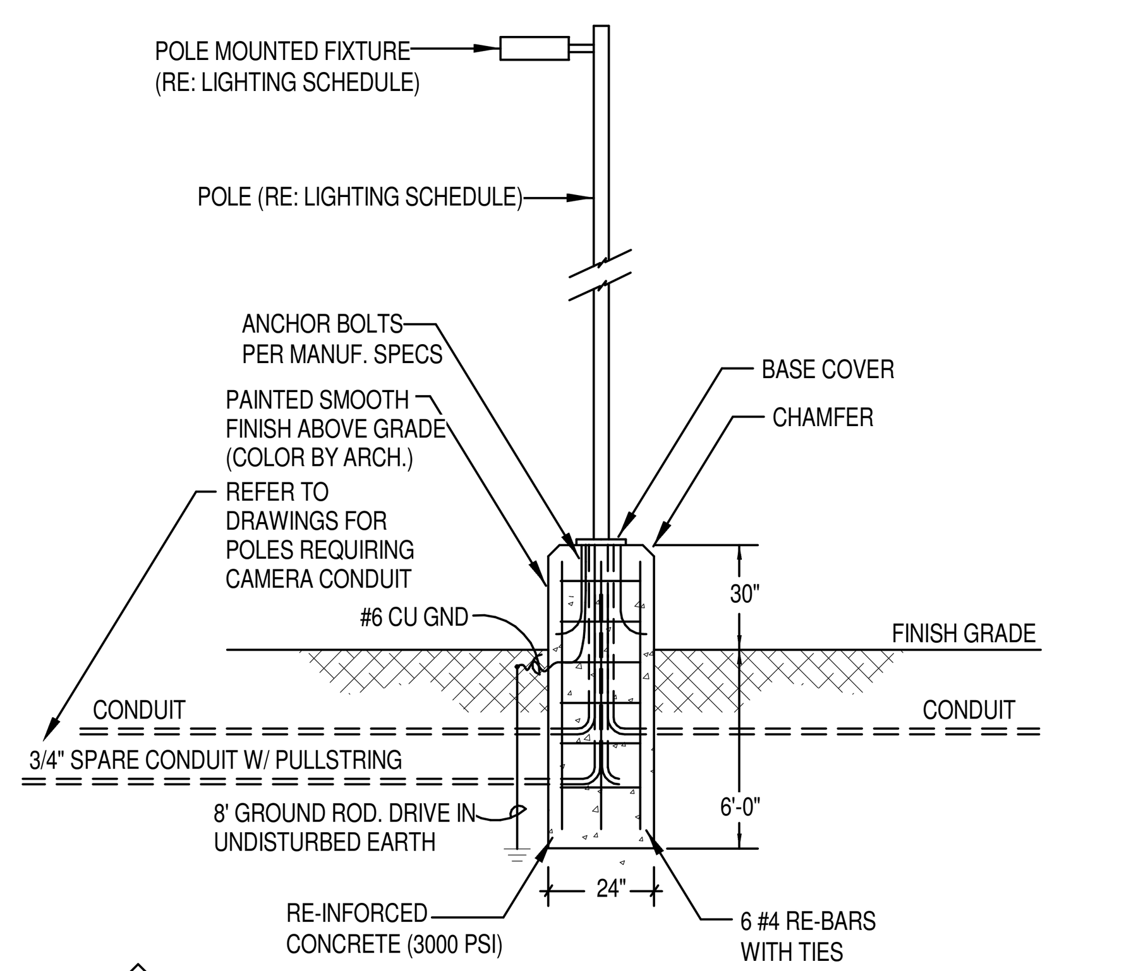
1 0-10 VOLT DIMMER DETAIL

NO SCALE



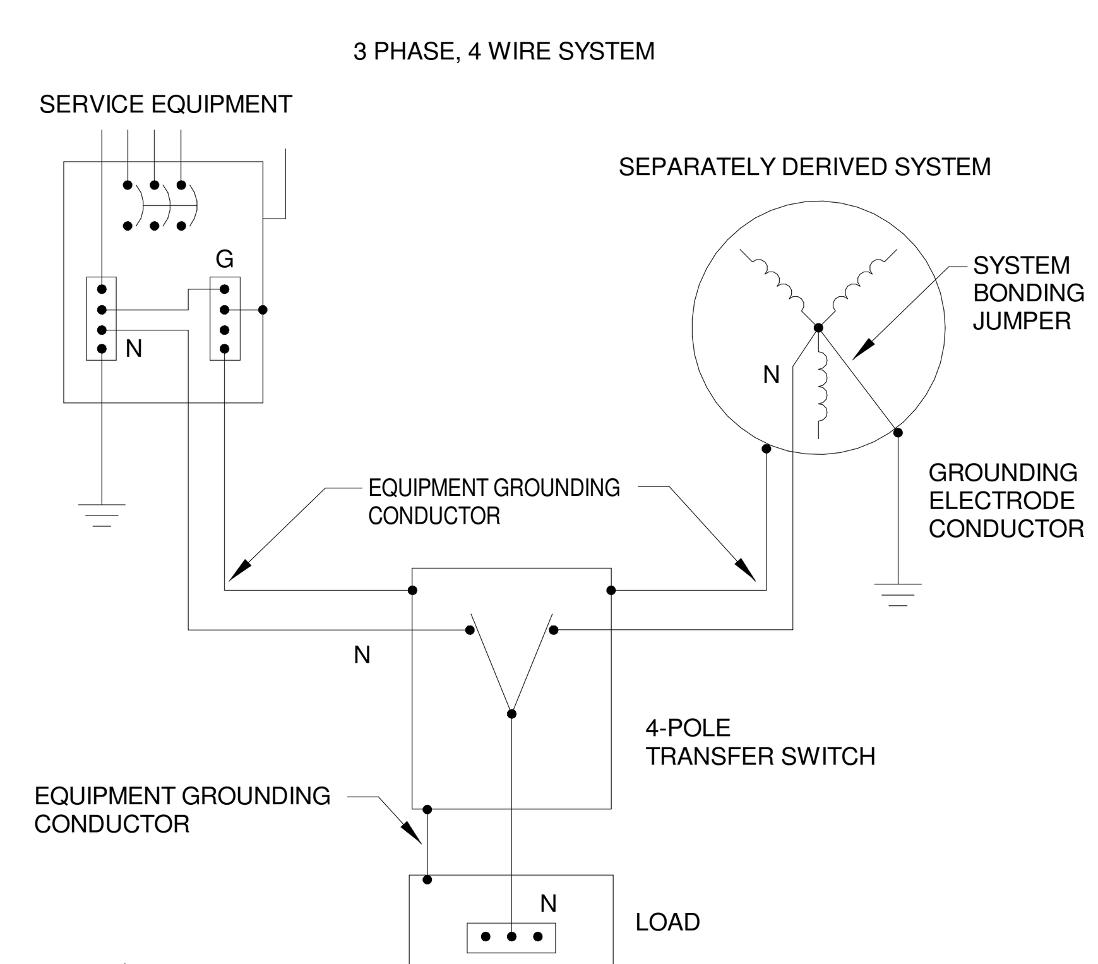
2 PANEL & EQUIPMENT SIGNAGE DETAIL

NO SCALE



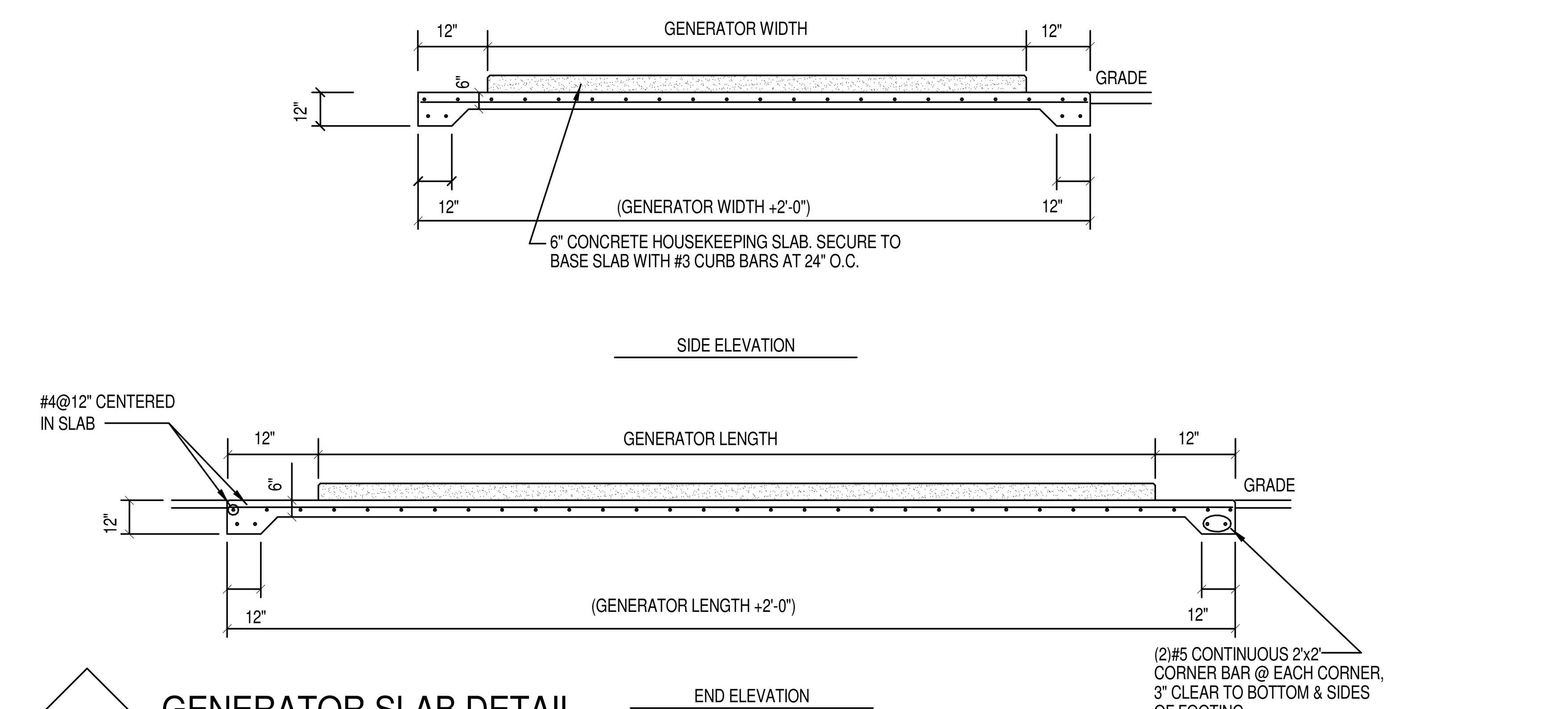
3 POLE FOUNDATION DETAIL

NO SCALE



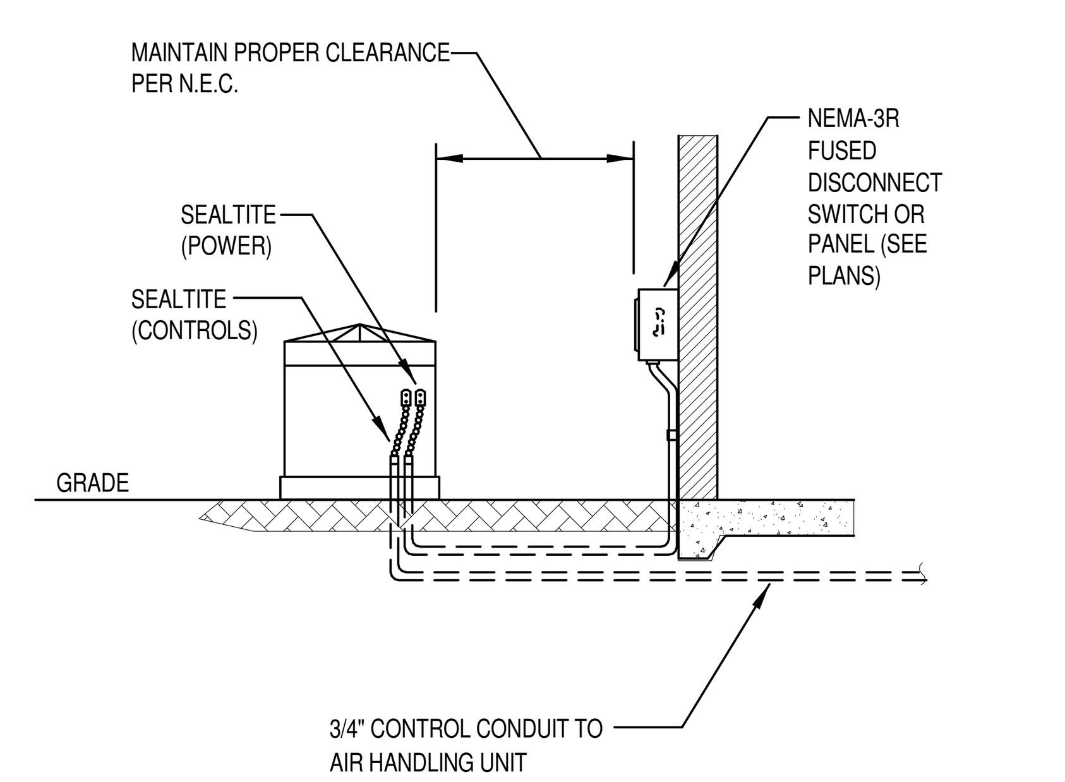
4 GENERATOR WITH FOUR POLE TRANSFER SWITCH DETAIL

NO SCALE



5 GENERATOR SLAB DETAIL

NO SCALE



6 CONDENSING UNIT DETAIL

NO SCALE

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1143
J. ROB CLARK, A.I.A.
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DRAWINGS SHEET TITLE

ELECTRICAL SCHEDULES & DETAILS

M&E CONSULTING
1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
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Electrical Contact: David Carroll, P.E.
david@meconsulting.com

PROJECT No.: 22009.00

SHEET NUMBER

E601

21041

PROJECT NUMBER

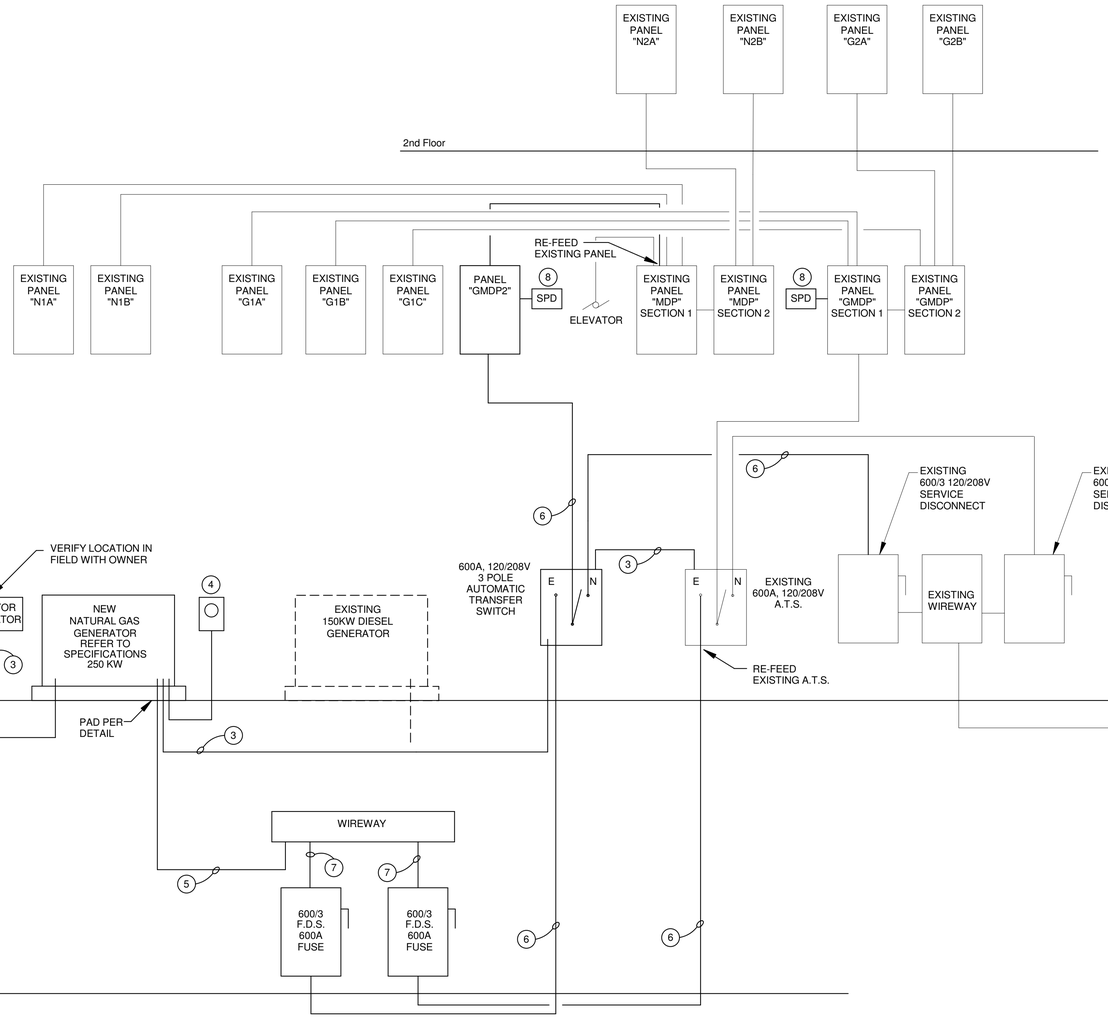
LOAD SUMMARY

120/208V 3 PHASE 4 WIRE

BUILDING/SPACE AREA: 22936 SQ FT

SERVING	VA/SQ FT	CONNECTED (KVA)	MULTIPLIER	DEMAND (KVA)
LIGHTING	1	18	1.25	23
OUTLETS (EXISTING LOAD)	1.1	40	[(X-10)/2]+10	25
WATER HEATER (EXISTING LOAD)	0.2	4	1.0	4
AIR HANDLING UNIT	1.3	30	1.0	30
CONDENSING UNITS (SPLIT)	3.1	71	0	0
CONDENSING UNITS (FCUs -EXIST)	0.3	7	1.0	7
MISCELLANEOUS (EXISTING LOAD)	2	47	1.0	47
COMPUTER (EXISTING LOAD)	1.7	40	1.0	40
ELEVATOR (EXISTING LOAD)	1.8	41	1.25	51
ELECTRIC HEAT	5.1	117	1.0	117
			TOTAL KVA =	344
			TOTAL AMPS =	955

PEAK DEMAND OF EXISTING (PRE-RENOVATION): 210 kVA IN JULY 2019.



ELECTRICAL RISER
NO SCALE

ELECTRICAL RISER NOTES:

1. COORDINATE ALL ASPECTS OF SERVICE AND METERING WITH POWER COMPANY. ELECTRICAL CONTRACTOR TO PROVIDE METERING C.T. CABINETS AND UNISTRUT RACK(S) IN CONCRETE FOOTINGS.
2. REFER TO PANEL SCHEDULES FOR FEEDER SIZES, INSTALL PROPERLY SIZED NEUTRALS AND GROUNDING CONDUCTORS WITH ALL FEEDERS.
3. 3/4" CONDUIT WITH CABLE PER MANUFACTURER'S REQUIREMENTS.
4. REMOTE EMERGENCY STOP STATION WITH NEMA 4X BREAK GLASS ENCLOSURE.
5. 2 SETS OF 4" CONDUIT WITH 4#750, 1#2/0 GROUND.
6. 2 SETS OF 3" CONDUIT WITH 3#350, 1 #1 GROUND EACH.
7. 2 SETS OF 3" CONDUIT WITH 3#350 KCMIL, 1#1/0 BONDING JUMPER EACH.
8. SERVICE ENTRANCE TYPE SURGE PROTECTION DEVICE PER SPECIFICATIONS. PROVIDE INTEGRAL DISCONNECT.

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
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Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.archtectall.com

STATE OF TEXAS
DAVID CARROLL
137373
LICENSED
PROFESSIONAL ENGINEER
04/11/2022

PORT ARTHUR BRANCH RENOVATION
5Point Credit Union
4401 Hwy 73
Port Arthur, TX 77642

ISSUED FOR
- SCHEMATIC DESIGN ☐ DATE:
- DESIGN DEVELOPMENT ☐ DATE:
- BIDS & CONSTRUCTION ☒ DATE: 4/11/2022
- REVISION: DATE:
- REVISION: DATE:
- REVISION: DATE:

DRAWINGS SHEET TITLE
ELECTRICAL RISERS

SHEET NUMBER
E701

21041
PROJECT NUMBER

DEFINE

PLUMBING & SPRINKLER ABBREVIATIONS

AD	ACCESS DOOR
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AV	ACID VENT
AW	ACID WASTE
BOP	BOTTOM OF PIPE
BP	BACKFLOW PREVENTER
BT	BATH TUB
BTUH	BRITISH THERMAL UNITES PER HOUR
C	CONDENSATE DRAIN LINE
CA	COMPRESSED AIR LINE
CB	CATCH BASIN
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CO	CLEANOUT
CSS	CLINIC SERVICE SINK
CP	CIRCULATING WATER PUMP
D	DRAIN LINE
DF	DRINKING FOUNTAIN
DCW	DOMESTIC COLD WATER LINE
DHR	DOMESTIC HOT WATER RETURN LINE
DHW	DOMESTIC HOT WATER LINE
DS	DRENCH SHOWER
DSEW	DRENCH SHOWER WITH EYE WASH
DT	DILUTION TRAP
DW	DISHWASHER
ET	EXPANSION TANK
EW	EYE WASH
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FFE	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
FS	FLOOR SINK
GD	GARBAGE DISPOSAL
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GT	GREASE TRAP
GWH	GAS FIRED WATER HEATER
HB	HOSE BIB
HD	HUB DRIAN
HP	HORSE POWER
HS	HOSE STATION
HW	HAND WASH
ICE	ICE MACHINE WATER CONNECTION
L	LAVATORY
LS	LIFT STATION (SANITARY SEWER)
MH	MANHOLE
MV	MIXING VALVE
N.O.	NORMALLY OPEN
N.C.	NORMALLY CLOSED
NTS	NOT TO SCALE
P	PUMP
PIV	POST INDICATING VALVE
PRV	PRESSURE REDUCING VALVE
PSIG	POUNDS PER SQUARE INCH GAGE
PT	PLASTER TRAP
REF	REFRIGERATOR WATER CONNECTION BOX
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
SAN	SANITARY SEWER
SD	STORM DRAIN
SF	SQUARE FOOT
SH	SHOWER
SK	SINK
SMH	SEWER MANHOLE
SS	SERVICE SINK
STP	SEWER TREATMENT PLANT
TD	TRENCH DRAIN
TP	TRAP PRIMER
TYP	TYPICAL
U	URINAL
UNO	UNLESS NOTED OTHERWISE
V	VENT
VAC	VACUUM
VB	VACUUM BREAKER
VTR	VENT THRU ROOF
W	WASHER WATER/DRAIN CONNECTION LINE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WF	WASH FOUNTAIN
WG	WATER GAGE
WP	WHIRL POOL
ZVB	ZONE VALVE BOX (MEDICAL GAS)

DESIGN

PLUMBING & SPRINKLER LEGEND

PIPING

EXISTING	DEMO	NEW	DESCRIPTION
— - —	--DCW--	— - —	DOMESTIC COLD WATER LINE
———	--DHW--	———	DOMESTIC HOT WATER LINE (110°)
———	--DHR--	———	DOMESTIC HOT WATER RETURN LINE
—(X°F)—	--(X°F)--	—(X°F)—	DOMESTIC HOT WATER LINE (X=TEMP.)
—►—	--►--	—►—	SANITARY SEWER LINE (SAN)
— V —	-- V --	— V —	SANITARY SEWER VENT LINE
— SD —	-- SD --	— SD —	STORM DRAIN LINE (PRIMARY)
—OSD—	--OSD--	—OSD—	OVERFLOW STORM DRAIN LINE (SECONDARY)
— C —	-- C --	— C —	CONDENSATE DRAIN LINE
—GW—	--GW--	—GW—	GREASE WASTE DRAIN LINE
— AW —	-- AW --	— AW —	ACID WASTE DRAIN LINE
— F —	-- F --	— F —	FIRE MAIN WATER LINE
— S —	-- S --	— S —	SPRINKLER LINE
— G —	-- G --	— G —	NATURAL GAS LINE
— LP —	-- LP --	— LP —	PROPANE GAS LINE
— CA —	-- CA --	— CA —	COMPRESSED AIR LINE
— RO —	-- RO --	— RO —	REVERSE OSMOSIS PURE WATER SUPPLY LINE
—ROR—	--ROR--	—ROR—	REVERSE OSMOSIS PURE WATER RETURN LINE
— DI —	-- DI --	— DI —	DIONIZED PURE WATER SUPPLY LINE
— O —	-- O --	— O —	OXYGEN LINE (MEDICAL)
—VAC—	--VAC--	—VAC—	VACUUM LINE (MEDICAL)
— N —	-- N --	— N —	NITROGEN LINE (MEDICAL)
— NO —	-- NO --	— NO —	NITROUS OXIDE (MEDICAL)
— MA —	-- MA --	— MA —	AIR (MEDICAL)
—WAGD—	--WAGD--	—WAGD—	WASTE ANESTHETIC GAS DISPOSAL

PIPE FITTING

EXISTING	DEMO	NEW	DESCRIPTION
			CAPPED PIPE
			PIPE RISE
			PIPE DROP
			UNION
			DIRECTION OF FLOW
			PIPE SUPPORT OR BRACING
			PIPE CONNECTION (TOP)
			PIPE CONNECTION (BOTTOM)
			PIPE CONNECTION (SIDE)
			CAPPED OUTLET TOP
			PIPE REDUCER AND/OR INCREASER

VALVES

EXISTING	DEMO	NEW	DESCRIPTION
			BALL VALVE (SHUT-OFF)
			BALL VALVE (SHUT-OFF)
			SHUT-OFF VALVE IN CAST IRON VALVE BOX
			CALIBRATED BALANCING VALVE
			CHECK VALVE
			OS&Y VALVE
			GAS COCK
			BUTTERFLY VALVE
			VALVE IN RISE
			2-WAY CONTROL VALVE
			3-WAY CONTROL VALVE

EQUIPMENT

EXISTING	DEMO	NEW	DESCRIPTION
			PLUMBING FIXTURES
M	M	M	METER
			REGULATOR

SYMBOL (MISC.)

EXISTING	DEMO	NEW	DESCRIPTION
			CONNECT TO EXISTING SERVICES

NOTES:
1. EXISTING ITEMS ON DEMO PLANS ARE "EXISTING TO REMAIN" UNLESS NOTED "EXISTING TO BE RELOCATED..
2. ITEMS ON NEW CONSTRUCTION PLANS ARE NEW UNLESS NOTED "RELOCATED FROM PREVIOUS LOCATION". REFER TO SCHEDULES AND SPECIFICATIONS FOR PLUMBING FIXTURES.
3. NOT ALL ITEMS SHOWN ON THIS LIST MAY BE APPLICABLE TO THIS PROJECT.

DELIVER

PLUMBING & SPRINKLER GENERAL NOTES

1. CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXTENT OF DEMOLITION WORK AND NEW WORK NEEDED FOR THIS PROJECT, PRIOR TO SUBMITTING BID.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT SCOPE, CONSTRAINTS, UTILITY CONNECTIONS, AND BUILDING SERVICES, PRIOR TO SUBMITTING BID.
3. CONTRACTOR SHALL GIVE FIRST RIGHT TO REFUSAL OF SALVAGE TO THE OWNER. IF THE OWNER ELECTS TO NOT KEEP SALVAGE, CONTRACTOR SHALL REMOVE SALVAGE BY LAWFUL MEANS.
4. DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. DRAWINGS SHALL NOT BE SCALED. COORDINATE ROUTING OF SERVICES WITH SITE CONDITIONS AND WITH WORK OF OTHER TRADES.
5. FIELD VERIFY DIMENSIONS PRIOR TO ORDERING, FABRICATING, AND ERECTION OF MATERIAL AND/OR EQUIPMENT. NOTIFY THE ENGINEER OF DISCREPANCIES IN A TIMELY MANNER.
6. VERIFY CLEARANCE REQUIREMENTS AND ROUTING OF PIPING PRIOR TO FABRICATION, AS MINOR MODIFICATIONS SUCH AS PIPING RISES AND DROP MAY BE REQUIRED DUE TO FIELD CONDITIONS. MAKE MINOR MODIFICATIONS TO THE BUILDING, PIPING, SPRINKLER, DUCTWORK, ELECTRICAL, ETC. AS SHOWN ON THE DRAWINGS OR REQUIRED TO COMPLETE THE INSTALLATION OF A COMPLETED WORKABLE SYSTEM.
7. MAINTAIN WEATHER-TIGHT BARRIERS TO PREVENT DAMAGE FROM THE ELEMENTS DURING DEMOLITION AND NEW CONSTRUCTION PERIOD.
8. SEAL PENETRATIONS THROUGH THE BUILDING ENVELOPE.
9. PENETRATIONS THROUGH RATED WALLS, FLOORS, PARTITIONS AND ASSEMBLIES SHALL BE INSTALLED AND FIRESAFED TO MEET UL. FIRE RESISTANCE LISTING AND NFPA REQUIREMENTS FOR THE PENETRATION.
10. COORDINATE DEVICES REQUIRING ACCESS PANELS WITH THE ARCHITECT AND OTHER TRADES.
11. MAINTAIN MINIMUM CLEARANCE 10'-0" BETWEEN OUTSIDE INTAKES AND EXHAUST OUTLETS AND PLUMBING VENTS.
12. COORDINATE FINAL LOCATIONS AND ELEVATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
13. COORDINATE FINAL FINISH COLORS OF MATERIALS, DEVICES, AND/OR EQUIPMENT WITH THE ARCHITECT PRIOR TO ORDERING, FABRICATION AND INSTALLATION.
14. SCHEDULE UTILITY SERVICES SHUTDOWNS WITH OWNER AND ARCHITECT. MINIMIZE DISRUPTIONS AND DOWNTIME TO THE OWNER.
15. INSTALL DEVICES AND EQUIPMENT TO MEET ADA REQUIREMENTS.
16. ROUTE PIPING CONCEALED IN INTERSTITIAL SPACE UNLESS NOTED OTHERWISE.
17. DOCUMENT LOCATIONS OF DEVICES, PIPING, AND EQUIPMENT ON "AS-BUILT" RECORD DRAWINGS AS PER THE SPECIFICATIONS.
18. PAY FOR SERVICE, DEPOSITS, INSPECTION, AND CONNECTION FEES REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE WITH THE UTILITY SERVICE PROVIDER FOR THE REQUIREMENTS NEEDED FOR THIS PROJECT.
19. WORK SHOWN IN THE DRAWINGS SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL ORDINANCES AND CODES.
20. ALL EXPOSED DOMESTIC COLD AND HOT WATER PIPING WITHIN THE BUILDING SHALL HAVE FIELD INSTALL PVC JACKET.
21. WATER HAMMER ARRESTER(S) SHALL BE INSTALLED ON PIPING SYSTEMS AND AT QUICK-CLOSING VALVES AS PER MANUFACTURER'S RECOMMENDATIONS.

meconsulting.com

Architectural Alliance Incorporated
350 Pine Street, Suite 720
Edison Plaza
Beaumont, Texas 77701
TEL (409) 866-7196
FAX (409) 866-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.architectall.com

STATE OF TEXAS
DUSTIN W. DUVAL
117604
LICENSED
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DRAWINGS SHEET TITLE
PLUMBING LEGEND & NOTES

SHEET NUMBER
P000

21041
PROJECT NUMBER

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
(337) 234-7474 * FAX (337) 234-7774
Mechanical Contact: Dustin Duval, P.E.
dustin@meconsulting.com
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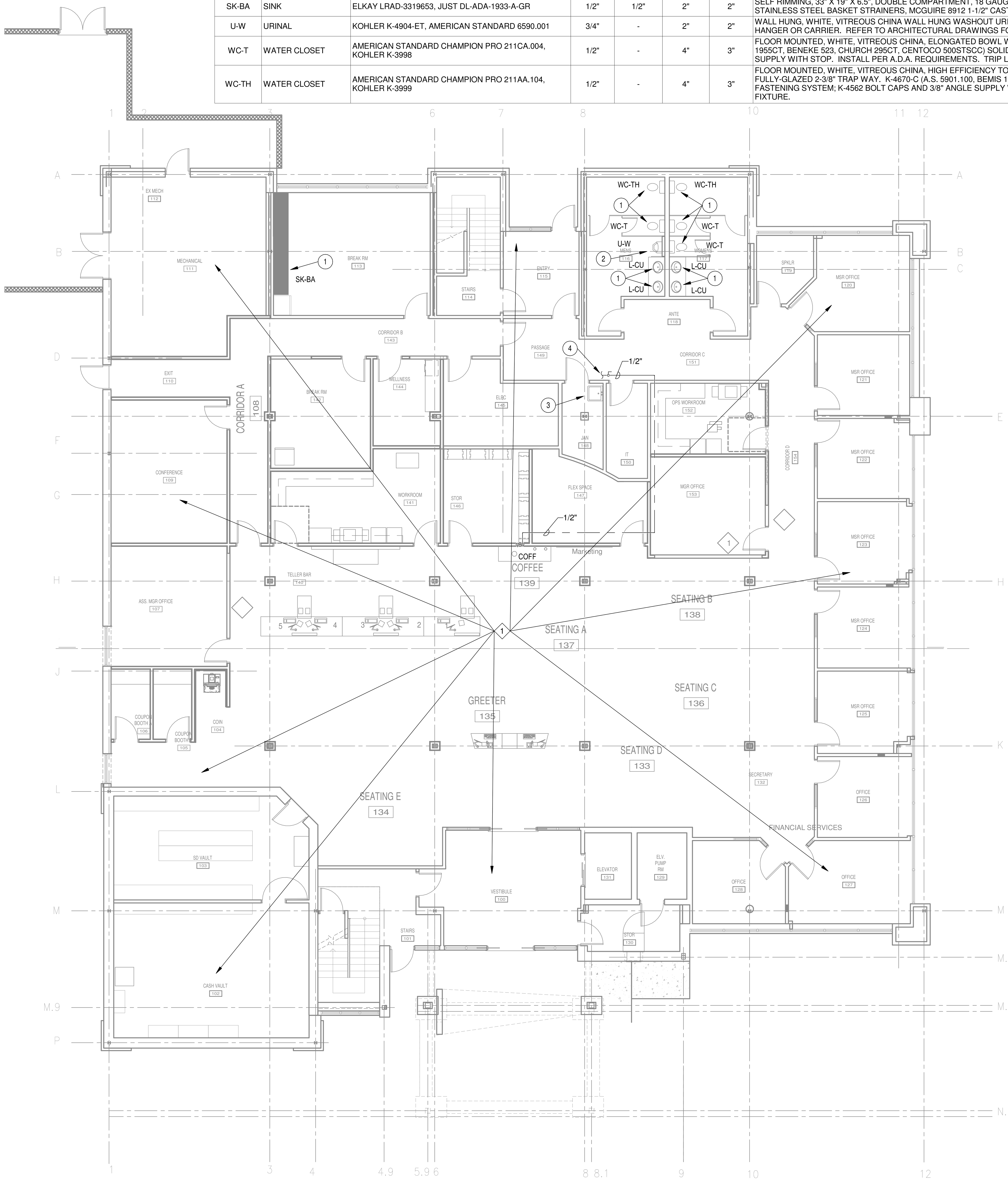
CONSULTING

PLUMBING FIXTURE SCHEDULE

LABEL	FIXTURE TYPE	MANUFACTURER	PIPE CONNECTION C.W.	PIPE CONNECTION H.W.	PIPE CONNECTION WASTE	PIPE CONNECTION VENT	SPECIFICATION
COFF	COFFEE	BRASS CRAFT G2 SERIES (1/2" F.I.P. X 3/8" O.D. COMPRESSION	1/2"	-	-	-	CHROME PLATED, QUARTER TURN SHUT-OFF ANGLE STOP AT WALL PENETRATION WITH CHROME PLATED ESCUTCHEON PLATE. INSTALL AT 44" A.F.F. WATTS SD-3 DUAL CHECK BACKFLOW PREVENTER AND STRAINER INSTALLED BELOW THE COUNTER DOWNSTREAM OF THE WATER FILTER. ASSE 1022. COORDINATE EXACT LINE SIZE WITH EQUIPMENT.
L-CU	LAVATORY	KOHLER K-2210, AMERICAN STANDARD 0496.221	1/2"	1/2"	2"	2"	19.25" X 16.25", OVAL, UNDERMOUNT, WHITE, VITREOUS CHINA LAVATORY. DELTA 22C101 (ZURN Z-81000-CP4, A.S. 6114.111.002) CAST BRASS BODY, CERAMIC DISC CARTRIDGE, SINGLE HANDLE FAUCET WITH MCGUIRE 155WC (KOHLER K-13885) OFFSET TAILPIECE WITH PERFORATED GRATE DRAIN; MCGUIRE 8872 (KOHLER K-8998) 1-1/4" CAST BRASS P-TRAP WITH CLEANOUT PLUG; AND 3/8" ANGLE SUPPLIES WITH STOPS. PROVIDE J.R. SMITH 2698-ADA PRIME-EZE, ZURN Z1021-ADA OR EQUAL WATER SAVER TRAP PRIMER WHERE INDICATED ON PLANS. TRUEBRO MODEL 103, (ZURN Z8946-3-NT) INSULATING KIT. INSTALL PER A.D.A. REQUIREMENTS. CAULK AROUND PERIMETER OF FIXTURE. PROVIDE LAWLER 570 (LEONARD 170-LF, WATTS LFUSG-B SERIES) THERMOSTATIC MIXING VALVE, 3/8" INLETS & OUTLET CONNECTIONS, TEMPERATURE CONTROL DEVICE THAT CONFORMS TO ASSE 1070.
SK-BA	SINK	ELKAY LRAD-3319653, JUST DL-ADA-1933-A-GR	1/2"	1/2"	2"	2"	SELF RIMMING, 33" X 19" X 6.5", DOUBLE COMPARTMENT, 18 GAUGE, TYPE 304 SELF RIMMING SINK WITH LK810GN08T4 (Zurn 871C4-XL, A.S. 6409.170.002) 8" REACH GOOSENECK FAUCET WITH 4" WRIST BLADE HANDLES, LK-99 (JUST JB-99) STAINLESS STEEL BASKET STRAINERS, MCGUIRE 8912 1-1/2" CAST BRASS P-TRAP WITH CLEANOUT PLUG, CONTINUOUS WASTE PIPING AND 3/8" ANGLE SUPPLIES WITH STOPS. CAULK AROUND PERIMETER OF FIXTURE.
U-W	URINAL	KOHLER K-4904-ET, AMERICAN STANDARD 6590.001	3/4"	-	2"	2"	WALL HUNG, WHITE, VITREOUS CHINA WALL HUNG WASHOUT URINAL WITH 3/4" TOP SPUD INLET AND STAINLESS STEEL REMOVABLE STRAINER. EXISTING FLUSH VALVE SHALL BE SALVAGED AND RESUED. CONNECT TO EXISTING WALL HANGER OR CARRIER. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND WALL THICKNESS. INSTALL PER A.D.A. REQUIREMENTS. CAULK AROUND PERIMETER OF FIXTURE.
WC-T	WATER CLOSET	AMERICAN STANDARD CHAMPION PRO 211CA.004, KOHLER K-3998	1/2"	-	4"	3"	FLOOR MOUNTED, WHITE, VITREOUS CHINA, ELONGATED BOWL WATER CLOSET, 4" PISTON-ACTION ACCELERATOR FLUSH VALVE (CLASS FIVE FLUSHING TECHNOLOGY), FULLY-GLAZED 2-3/8" TRAP WAY. K-4670-C (A.S. 5901.100, BEMIS 1955CT, BENEKE 523, CHURCH 295CT, CENTOCO 500STSCC) SOLID PLASTIC, WHITE OPEN-FRONT TOILET SEAT LESS COVER, CHECK HINGE AND WITH STA-TITE COMMERCIAL FASTENING SYSTEM; K-4562 BOLT CAPS AND 3/8" ANGLE SUPPLY WITH STOP. INSTALL PER A.D.A. REQUIREMENTS. TRIP LEVER TO BE ON WIDE SIDE OF STALL. INSTALL WAX SEAL BELOW FIXTURE. CAULK AROUND PERIMETER OF FIXTURE.
WC-TH	WATER CLOSET	AMERICAN STANDARD CHAMPION PRO 211AA.104, KOHLER K-3999	1/2"	-	4"	3"	FLOOR MOUNTED, WHITE, VITREOUS CHINA, HIGH EFFICIENCY TOILET, ULTRA-LOW CONSUMPTION ELONGATED BOWL WATER CLOSET, 4" PISTON-ACTION ACCELERATOR FLUSH VALVE (CLASS FIVE FLUSHING TECHNOLOGY), FULLY-GLAZED 2-3/8" TRAP WAY. K-4670-C (A.S. 5901.100, BEMIS 1955CT, BENEKE 523, CHURCH 295CT, CENTOCO 500STSCC) SOLID PLASTIC, WHITE OPEN-FRONT TOILET SEAT LESS COVER, CHECK HINGE AND WITH STA-TITE COMMERCIAL FASTENING SYSTEM; K-4562 BOLT CAPS AND 3/8" ANGLE SUPPLY WITH STOP. INSTALL PER A.D.A. REQUIREMENTS. TRIP LEVER TO BE ON WIDE SIDE OF STALL. INSTALL WAX SEAL BELOW FIXTURE. CAULK AROUND PERIMETER OF FIXTURE.



1 First Floor Plumbing Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

PLUMBING KEYNOTES:

1. REMOVE EXISTING PLUMBING AND INSTALL NEW PLUMBING FIXTURE. CONTRACTOR SHALL MODIFY AND ADJUST EXISTING PLUMBING ROUGH-INS AS REQUIRED TO ACCOMMODATE NEW FIXTURE.
2. REMOVE EXISTING URINAL AND INSTALL NEW URINAL. EXISTING FLUSH VALVE SHALL BE SALVAGED AND REUSED. CONTRACTOR SHALL MODIFY AND ADJUST EXISTING PLUMBING ROUGH-INS AS REQUIRED TO ACCOMMODATE NEW FIXTURE.
3. EXISTING PLUMBING FIXTURE TO REMAIN.
4. CONNECT TO EXISTING DOMESTIC COLD WATER LINE OF EQUAL LINE SIZE OR LARGER IN THIS VICINITY. ROUTE NEW DOMESTIC COLD WATER LINE ABOVE THE CEILING TO COFFEE AREA.

FIRE PROTECTION NOTES:

1. CONTRACTOR SHALL ADJUST SPRINKLER HEADS TO NEW CEILING HEIGHTS AND ROOM LOCATIONS AS NECESSARY TO COMPLETE A WORKING SYSTEM FOR THE FIRST FLOOR. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON SCOPE OF WORK FOR THE FIRST FLOOR.

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
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350 Pine Street, Suite 720
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RONALD M. JONES, A.I.A.

STATE OF TEXAS
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LICENSED PROFESSIONAL ENGINEER
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PORT ARTHUR STORE RENOVATION

5Point Credit Union

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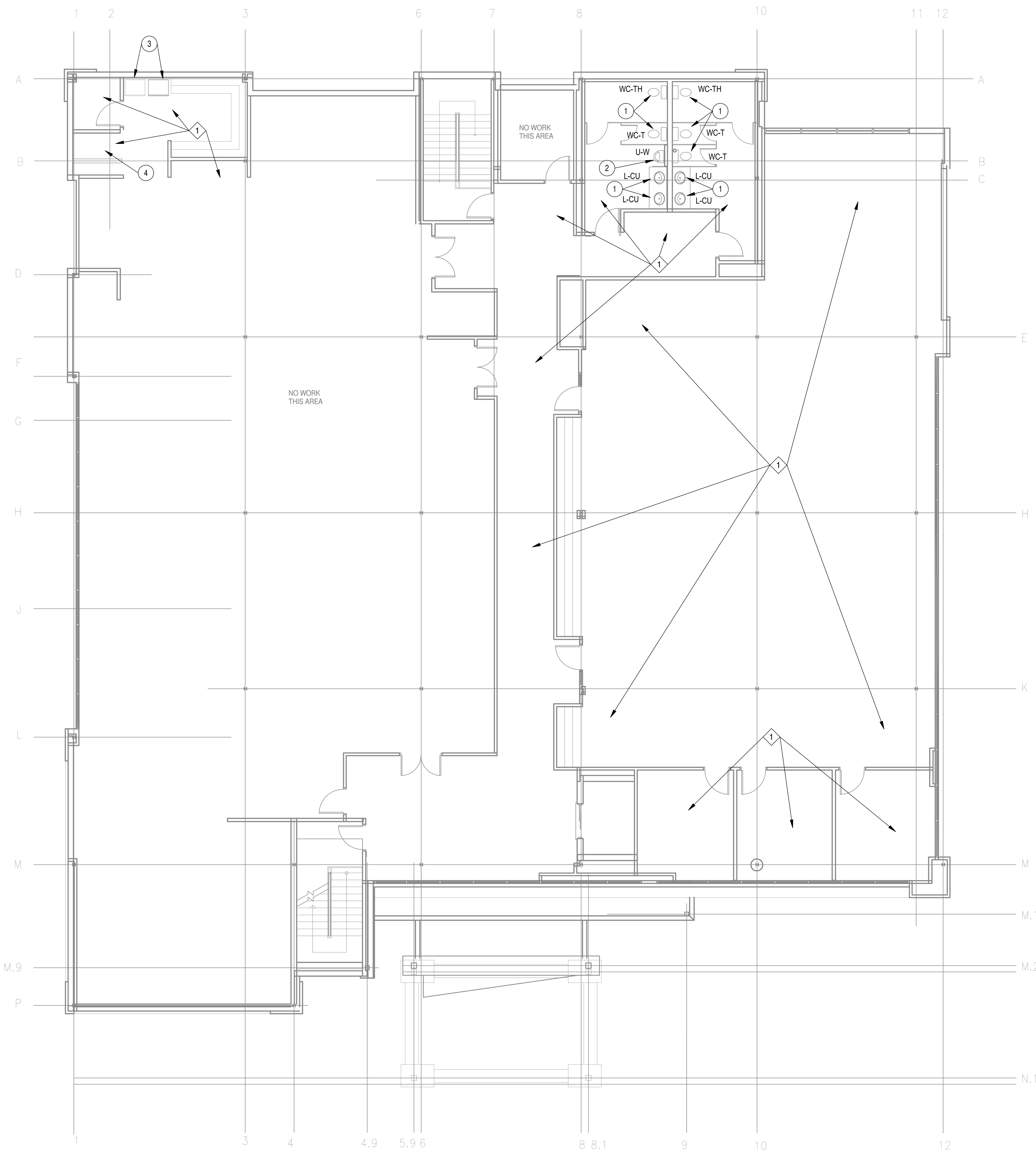
DRAWINGS SHEET TITLE
1st FLOOR PLUMBING & FIRE PROT. PLAN & SCHED.

SHEET NUMBER
P201

21041
PROJECT NUMBER



(1) Second Floor Plumbing Plan
1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

PLUMBING KEYNOTES:

1. REMOVE EXISTING PLUMBING AND INSTALL NEW PLUMBING FIXTURE. CONTRACTOR SHALL MODIFY AND ADJUST EXISTING PLUMBING ROUGH-INS AS REQUIRED TO ACCOMMODATE NEW FIXTURE.
2. REMOVE EXISTING URINAL AND INSTALL NEW URINAL. EXISTING FLUSH VALVE SHALL BE SALVAGED AND REUSED. CONTRACTOR SHALL MODIFY AND ADJUST EXISTING PLUMBING ROUGH-INS AS REQUIRED TO ACCOMMODATE NEW FIXTURE.
3. RELOCATE EXISTING WATER LINE FOR ICE MACHINE AND REFRIGERATOR NEW LOCATION AS REQUIRED. RELOCATE EXISTING FLOOR DRAIN TO NEW ICE MACHINE LOCATION AND RE-CONNECT TO EXISTING SANITARY SEWER & VENT LINES AS REQUIRED. CAP EXISTING LINES NOT BEING REUSED.
4. REMOVE EXISTING PLUMBING LINES IN THIS VICINITY TO ACCOMMODATE FOR NEW DUCT WORK.

FIRE PROTECTION NOTES:

1. CONTRACTOR SHALL ADJUST SPRINKLER HEADS TO NEW CEILING HEIGHTS AND ROOM LOCATIONS AS NECESSARY TO COMPLETE A WORKING SYSTEM FOR THE SECOND FLOOR. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON SCOPE OF WORK FOR THE SECOND FLOOR.

1304 BERTRAND DRIVE SUITE F7
LAFAYETTE, LOUISIANA 70506
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DRAWINGS SHEET TITLE
2nd FLOOR PLUMBING & FIRE PROT. PLAN

SHEET NUMBER
P202

21041
PROJECT NUMBER