

RFP 23MCO607

In response refer to RFP No. 23MCO607 Addendum 1 and Response to Questions

May 17, 2023

Gentlemen/Ladies:

This addendum allows for any follow up questions to be asked no later than 5:00pm on Tuesday May 23, 2023.

The following contains a list of the changes to drawings included in this addendum:

- SHEET A-101 – DEMOLITION PLAN – 11TH FLOOR
- SHEET A-111 – ANNO/DIM FLOOR PLAN – 11TH FLOOR
- SHEET A-601 – DOOR & GLAZING SCHEDULE
- SHEET I-001 – INTERIOR LEGENDS & ABBREVIATIONS
- SHEET E-001 – ELECTRICAL ABBREVIATIONS & LEGEND
- SHEET E-111 – ELECTRICAL LIGHTING PLAN
- SHEET E-121 = ELECTRICAL POWER PLAN

The following questions have been asked according to the instructions of the bid and are hereby answered. This addendum also contains the following attachments:

1. Is there a bid form available for this project?
No bid form will be provided for this project. Please just include a document that gives a lump sum cost and the duration (in calendar days) to complete from Notice to Proceed. The Notice to Proceed will be provided to the awarded contractor upon contract execution.
2. Is stud stacking allowed?
Yes. If stacking partitions, provide metal strapping across joint for minimum one foot above and below both sides of every stud.
3. Hardware plan – who is providing what?
Match existing locksets and hardware – Sargent is the brand. Owner will provide keyway to awarded contractor.
4. Will an additional electrical panel be needed?
No additional electrical panel should be needed. Extend and connect to existing electrical panels.
5. Work is to take place after hours Monday-Thursday through completion, correct?
Yes, 4-10 hour shifts.

6. Cost for P&P Bonds are not included in the bid, they are to be purchased through a CO, correct?

Yes

7. Building standard doors are plastic laminate, doors for this project are scheduled to be wood with transparent finish (A-601) or painted (I-111). Are doors laminate or wood with transparent or painted finish?

Match existing door finish. The only painted door would be a hollow metal door which is the note on I-111.

8. Can the hollow metal frames, plastic laminate doors & hardware being removed be re-used in the new construction?

Doors and Hardware may be reused if in good working condition and show no signs of damage. Hollow metal frames cannot be reused.

9. Is there a hardware schedule available?

Match existing locksets and hardware – Sargent is the brand. Owner will provide keyway to awarded contractor.

10. Door 1115 seems to be an aluminum door or a wood door in a hollow metal frame, which one?

Wood Door – Reference A-111 & A-601

11. Door 41 is not shown on the floorplan, probably the entry from the elevator lobby?

Correct, double door into elevator lobby will be renumbered and tagged 1118.
Reference A-111.

12. EXIT lights are not shown on the lighting plan or fixture schedule. Please advise.

Exit signs have been added to the lighting plan and fixture schedule in this addendum, see Sheet E-111, herein.

13. Floor box types not indicated on plans or specs. Recommend Hubbell PT2X2BRS. Clarification needed.

A model number has been added to the drawings in this addendum; see Sheet E-121, herein.

14. Offices 1101-1107 seem to indicate millwork in each office but do not have any notation to identify, please clarify.

Millwork in these offices are Owner Provided.

15. Conference 1115 & 1124 seem to indicate blocking for television but do not have any notation, please clarify.

Keynote 574 added to both televisions on sheet A-111.

16. A-131 shows the reflective ceiling to be composed of 2x2 and 2x4 acoustical tiles. The finished schedule provides only ACT 1. Are they all 2x2's? If not, what is called out for the 2x4's?

ACT2 will be added to Interior Finish legend (I-001) defining a 2x4 acoustic tile.

17. Since the 14' studs will not fit in the elevator, can elevator studs be utilized on the project?

Yes. If stacking partitions, provide metal strapping across joint for minimum one foot above and below both sides of every stud.

18. At the walk-through, in storage room 1109, there was furniture and other things. Will that be there when work starts? If so, does it need to be priced to be demoed and thrown away?

No, the movable furniture will be moved. Built-ins will need to be demoed and thrown away.

19. On the finish schedule, CT1 is called out as a "4x4 Keystones." Keystones does not have a 4"x4", can Colorwheel be substituted?

The intent is to match existing so as long as the intent stays the same then we can substitute to colorwheel.

20. Will there be an exterior window removed for a disposal shoot, or should all demo be removed by elevator?

No, an exterior window will not be removed for a disposal shoot; all demo will be removed by elevator.

21. Concerning CPT1, the manufacturer wrote, "Borneo is dropped. The color number spec'd ended in 755. The product being offered by ShawContract (59564 Clear Floor color: Pottery) is similar linear and goes by the same color code ending in 755 so they should be similar. If Borneo is already installed at the site, there will be an obvious difference in the two if they touch each other so keep that in consideration." How should we proceed?

Refer to the Addendum plans for updates to the carpet tile.

22. The demolition plan does not call for ceiling demolition throughout most of the space, but new ceilings are shown on the RCP. Are there existing ceilings to be removed?

No, other than the north hallway (shown on A-102), there are no existing ceilings in the areas being demolished.

23. Are there any required manufacturers for the Toilet Accessories listed in the Key Notes of A-401?

Match existing toilet accessories in the building. Kohler brand for toilets and urinals and Sloan for fixtures

24. Door 1115 is an aluminum door called out type F (Flush), but the other aluminum doors have a type of A1 (aluminum door). Should this door also have a type of A1?
Door will be wood and will remain F (Flush). Reference A-601.
25. What does "Owner to improve install pattern" refer to? Does this affect the Contractor?
While laying the floor during construction lay it out as a mockup for the owner to approve of the installation of the LVT.
26. What is the availability of working on the 10th floor for sewer work?
Coordination with occupants in the 10th floor spaces required for access to install sewer piping must occur via owner's representative and scheduled 7 to 10 business days prior.
27. Are PVC for sewer and PEX for water piping acceptable alternate materials to cast iron and copper?
No PVC or PEX; sewer lines will need to be cast iron and water supply lines will need to be copper.
28. Would the exhaust systems be allowed to terminate on the roof instead of through the wall?
Yes. A roof mounted gooseneck discharge for the exhaust fan outlets must not be located closer than 10'-0" to any outside air intake by code. Preferably the outlets should be greater than 10'-0" away from the outside air intake for existing AHU-12B in the penthouse, located above EF-23, contractor to verify exact location at project site.
29. Keyed Note 7 on M-111 says not to restrict air flow to existing opening for any reason, but we are to seal off construction from the rest of the building. Please provide clarity on how we are to uphold both requirements.
The return air opening is for the AHU serving the 11th floor only, so provide temporary air filtration media over the existing opening during construction, remove once substantial completion has occurred. Place temporary air filtration media over both openings into the mechanical room.
30. Will we be allowed to remove exterior window glazing to access the eave for louver installation? If not, installation will need to be done via equipment large enough to reach the 11th floor or suspension from the roof?
Refer to question #28 for alternative exhaust fan termination.
31. What company monitors the Fire Alarm system in the building?
Absolute Fire, Odessa TX

ADDENDUM NO: 001

TO: PARKHILL
FROM: PLANHOLDERS
PROJECT NAME: COUNTY COURTHOUSE, 11TH
FLOOR PARTIAL INTERIOR
FINISH OUT
PROJECT NO.: 40451.22
DATE: 5/17/2023



5/17/2023

Attention of all Prospective Proposers/Plan Holders is directed to the following modifications to the referenced Drawings and Project Manual. This Addendum becomes a part of the Contract Documents and modifies the original Contract Documents dated 4/10/2023 as noted below:

This Addendum consists of 1 page, Midland County's RFP No. 23MCO607 Addendum 1 and the attached drawing nos. A-101, A-111, A-601, I-001, E-001, E-111, E-121.

I. CHANGES TO PROJECT MANUAL:

1. NONE

II. CHANGES TO DRAWINGS:

1. SHEET A-101 - DEMOLITION PLAN -11TH FLOOR
 - a. Refer to attached revised drawing.
2. SHEET A-111 - ANNO/DIM FLOOR PLAN -11TH FLOOR
 - a. Refer to attached revised drawing.
3. SHEET A-601 - DOOR & GLAZING SCHEDULE
 - a. Refer to attached revised drawing.
4. SHEET I-001 - INTERIOR LEGENDS & ABBREVIATIONS
 - a. Refer to attached revised drawing.
5. SHEET E-001 - ELECTRICAL ABBREVIATIONS & LEGEND
 - a. Refer to attached revised drawing.
6. SHEET E-111 - ELECTRICAL LIGHTING PLAN
 - a. Refer to attached revised drawing.
7. SHEET E-121 - ELECTRICAL POWER PLAN
 - a. Refer to attached revised drawing.

III. CLARIFICATIONS

1. Refer to attached.

END OF ADDENDUM 001



05/17/2023

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GENERAL NOTES

- A. REFER TO ACCESSIBILITY STANDARDS SHEETS FOR TYPICAL MOUNTING LOCATIONS FOR TOILET ROOM ACCESSORIES.
- B. ALL INTERIOR WALLS ARE A48 UNLESS NOTED OTHERWISE. REFER TO SHEET A-002 FOR INTERIOR PARTITION SCHEDULE.

LEGEND

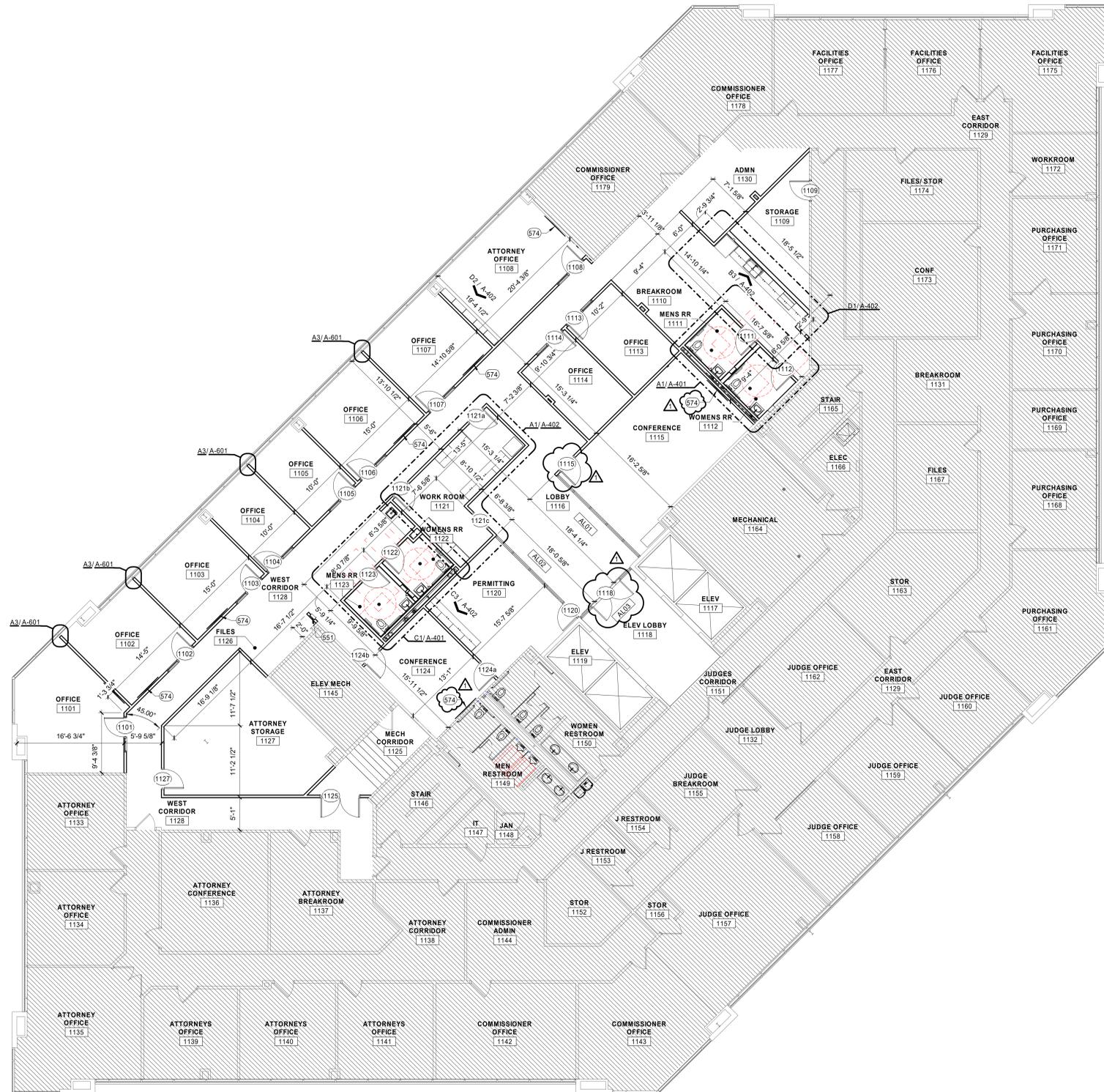
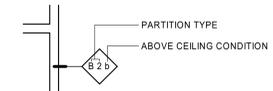
- NOT IN SCOPE
- EXISTING WALLS
- NEW CONSTRUCTION

KEY NOTES

- AS INDICATED BY: (#) -
- 581 FEC
- 574 WALL MOUNTED TV, PROVIDE BLOCKING, VERIFY MOUNTING HEIGHT W/ OWNER PRIOR TO INSTALL, O/OF

PARTITION GENERAL NOTES

THE FOLLOWING PARTITION GRAPHIC SYMBOL AND THREE PART NOTATION SYSTEM IS USED IN THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT. NOTE: THE PARTITION CONSTRUCTION WILL MAINTAIN ITS DESIGNATION TO THE POINT OF AN INTERSECTING PARTITION. IF NO CHANGE IN DESIGNATION IS SHOWN BEYOND THE INTERSECTION, THE PREVIOUS PARTITION CONSTRUCTION DESIGNATION APPLIES. REFER TO CODE PLAN G-101 FOR RATED WALLS.



**COUNTY COURTHOUSE, 11TH FLOOR
PARTIAL INTERIOR FINISH OUT
MIDLAND COUNTY COURTHOUSE**



CLIENT
MIDLAND COUNTY

500 N. LORRAINE ST.
MIDLAND, TX 79701

PROJECT NO.
40451.22

KEY PLAN

#	DATE	DESCRIPTION
1	05/17/2023	ADDM-01
2	04/10/2023	PERMIT SET

A1 11TH FLOOR - ANNOTATED/DIMENSIONED FLOOR PLAN
1/8" = 1'-0"





05/17/2023

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COUNTY COURTHOUSE, 11TH FLOOR
PARTIAL INTERIOR FINISH OUT
MIDLAND COUNTY COURTHOUSE



CLIENT
MIDLAND COUNTY
500 N. LORAIN ST.
MIDLAND, TX 79701

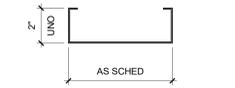
PROJECT NO.
40451.22
KEY PLAN

#	DATE	DESCRIPTION
1	05/17/2023	ADDM-01
2	04/10/2023	PERMIT SET

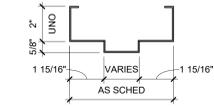
Door & Glazing
Schedule
A-601

DOOR SCHEDULE

MARK	PR	WIDTH*	WIDTH†	HEIGHT†	DOOR CONST*	TYPE*	GLAZING	FIRE RATING	FRAME CONST*	HEAD	JAMB	SILL	REMARKS*
1101		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1102		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1103		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1104		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1105		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1106		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1107		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1108		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1109		3'-0"		7'-0"	ME	F	NA		HMD1	4 3/4"	C3/A-601	B3/A-601	NA
1111		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"	C3/A-601	B3/A-601	NA
1112		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"	C3/A-601	B3/A-601	NA
1113		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1114		3'-0"		7'-0"	ME	F	G02		HMD4	C3/A-601	B3/A-601	NA	
1115		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"	C3/A-601	B3/A-601	NA
1118		3'-0"	3'-0"	7'-8"	ALUM	A1	G02		ALUM				CARD READER - REF. ELECTRICAL
1120		3'-0"		7'-10"	ALUM	A1	G02A		ALUM				
1121a		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"	C3/A-601	B3/A-601	NA
1121b		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"	C3/A-601	B3/A-601	NA
1121c		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"	C2/A-601	B2/A-601	NA
1122		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"			M6
1123		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"			
1124a		3'-0"		7'-0"	ME	F	NA		HMD1	5 7/8"	C3/A-601	B3/A-601	NA
1124b		3'-0"		7'-0"	ME	F	NA		HMD1	5 1/4"	C3/A-601	B3/A-601	NA
1125		3'-0"	3'-0"	7'-0"	ME	F	NA		HMD1	5 7/8"	C3/A-601	B3/A-601	NA
1127		3'-0"	3'-0"	7'-0"	ME	F	NA		HMD1	5 7/8"	C3/A-601	B3/A-601	NA



CASED OPENING FRAME



STANDARD FRAME

DOOR SCHEDULE FOOTNOTES X=EXISTING

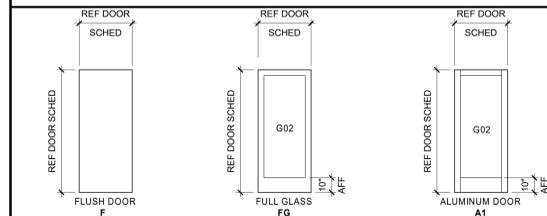
- DOOR SIZE (INDICATED IN INCHES) SIZE INDICATED IS NOMINAL. REDUCTION SHALL BE MADE FOR THRESHOLD & EDGE CLEARANCES. ALL DOORS ARE 1 3/4" THICK UNO.
- DOOR CONSTRUCTION VENEER (## - REF TO L001)
 - SCTF = SOLID CORE WOOD, TRANSPARENT FINISH
 - SCPF = SOLID CORE WOOD, PAINT FINISH
 - SCLP = SOLID CORE WOOD, LAMINATED PLASTIC COVER
 - SCIR = SOLID CORE WOOD, IMPACT RESISTANT
 - HM = HOLLOW METAL
 - HMLP = HOLLOW METAL, LAMINATED PLASTIC COVER
 - HMPF = HOLLOW METAL, PAINT FINISH
 - ALUM = ALUMINUM
 - WDTF = SOLID WOOD, TRANSPARENT FINISH
 - WDPF = SOLID WOOD, PAINT FINISH
- DOOR TYPE REFER TO DOOR TYPE SCHEDULE
- FRAME CONSTRUCTION REFER TO DOOR FRAME SCHEDULES
 - HM = HOLLOW METAL
 - HMPF = HOLLOW METAL, PAINT FINISH
 - ALUM = ALUMINUM
 - WDTF = SOLID WOOD, TRANSPARENT FINISH
 - WDPF = SOLID WOOD, PAINT FINISH
- DETAIL # → A1/A-701 → SHEET # = SIMILAR
- REMARKS MISCELLANEOUS (GENERAL NOTES)
 - M1 = VERIFY ROUGH OPENINGS
 - M2 = DOOR TRIM TO MATCH EXISTING
 - M3 = PROVIDE CARD READER
 - M4 = LEAD LINED DOOR & FRAME
 - M5 = VERIFY FINISH OPENING SIZE
 - M6 = PROVIDE HOSPITAL STOP ON FRAME. SEE STANDARD DOOR DETAILS (THIS SHEET)
 - M7 = CASED OPENING FRAME
 - M8 = SEE STANDARD DOOR DETAILS (THIS SHEET) FOR DOOR HEAD / TRANSOM PANEL DETAILS
- TRANSOM
 - T1 = WOOD TRANSOM TO MATCH DOOR. SIZE AS NOTED
 - T2 = HOLLOW METAL TRANSOM TO MATCH EXISTING

GLAZING SCHEDULE

MARK	TYPE
G02	CLEAR FULLY TEMPERED GLASS.
G02A	CLEAR FULLY TEMPERED GLASS. WINDOW FILM TO MATCH JUDGE LOBBY 1132

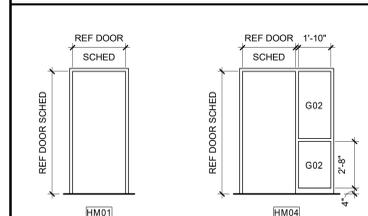
DOOR TYPE SCHEDULE

NOTE: DOOR LITE OPENINGS ARE TO LITE FRAME INTERIOR OPENING (DAYLIGHT OPENING), RIGHT EDGE OF SWING DOOR IS STRIKE EDGE. THIS LEGEND TAKES PRECEDENCE OVER OTHER DRAWINGS.



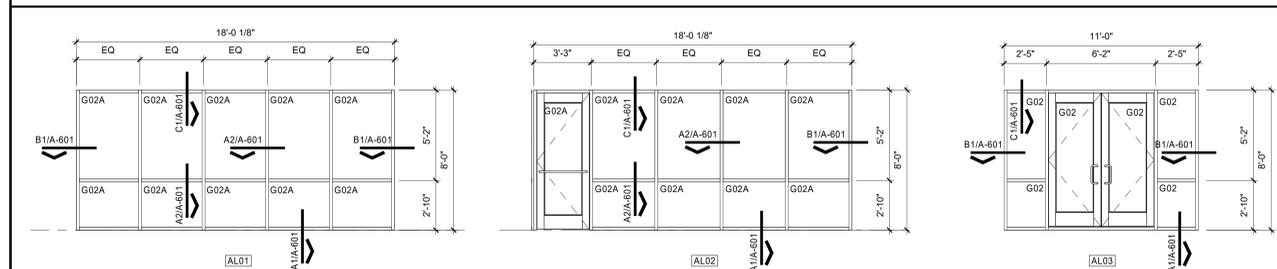
HOLLOW METAL FRAME SCHEDULE HMD0

NOTE: FRAME FACES ARE 2" UNO



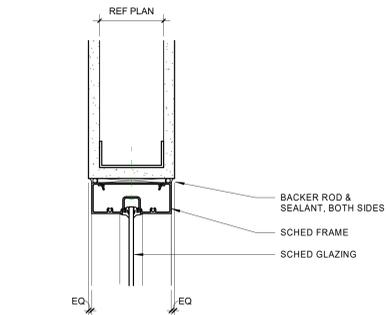
ALUMINUM FRAME SCHEDULE AL00

NOTE: FRAME FACES ARE 2" UNO

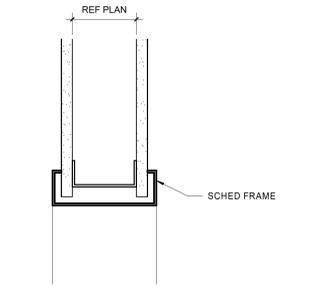


GENERAL NOTES

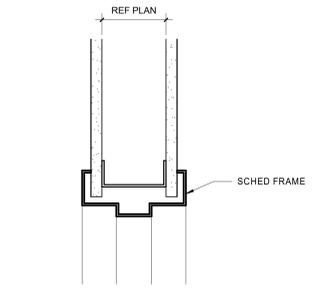
- A. 2" ALUMINUM FRAME SCHEDULE NOTES AS NEEDED.



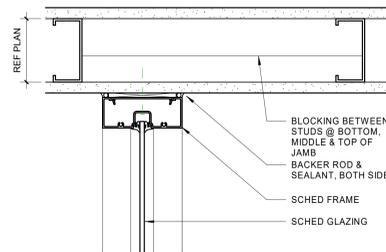
B1 JAMB DETAIL
3" = 1'-0"



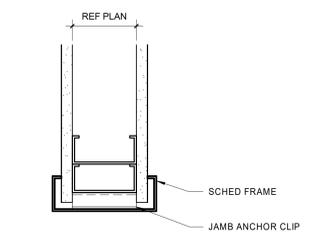
B2 DTL - HM JAMB CSD OPEN
3" = 1'-0"



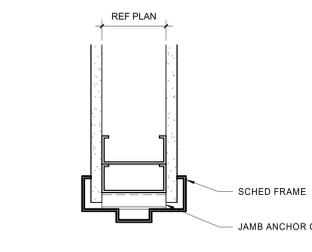
B3 DTL - HM JAMB
3" = 1'-0"



A1 SILL DETAIL
3" = 1'-0"



A2 MULLION DETAIL
3" = 1'-0"



A3 JAMB DETAIL
3" = 1'-0"

INTERIOR MATERIAL ABBREVIATIONS

A	ACT	ACOUSTICAL TILE CEILING
	AWT	ACOUSTICAL WALL TREATMENT
B	BG	BUMPER GUARD
C	CB	COVE BASE
	CG	CORNER GUARD
	CHR	CHAIR RAIL
	CPT	CARPET
	CT	CERAMIC TILE
	CURT	CUBICAL CURTAIN (PRIVACY, STAGE)
D	DLS	DIMENSIONAL LETTERS
	DRS	DOUBLE ROLLER SHADE
F	FLS	FLUID APPLIED SPORTS FLOORING
	FP	FOLDING PARTITION
	FWP	FABRIC WRAPPED PANELS
	FBP	FIBER REINFORCED PLASTIC
G	GLS	ARCHITECTURAL TILE
	GLT	GLASS TILE
	GF	GLASS FILM
	GT	GROUT
H	HIC	HIGH IMPACT WALLCOVERING
	HLB	HORIZONTAL LOUVER BLIND
	HPC	HIGH-PERFORMANCE COATING
	HR	HANDRAIL
K	KPI	KICKPLATE
L	LNO	LINOLEUM
	LKR	LOCKER
	LVT	LUXURY VINYL TILE
M	MT	METAL THRESHOLD
	MTL	METAL TRANSITION
	MTLB	METAL BASE
P	PB	PAINTED BASE
	PC	POLISHED CONCRETE
	PF	PLASTIC FABRICATIONS
	PLAM	PLASTIC LAMINATE
	PMTL	PAINTED METAL
	PT	PAINT
Q	QT	QUARRY TILE
	QTZ	QUARTZ SLAB
R	RACC	RESILIENT ACCESSORY
	RB	RESILIENT BASE (VINYL, RUBBER, TP)
	RBR	RUBBER (TILE AND SHEET)
	RES	RESIN PANEL
	RFS	RESILIENT SPORTS FLOORING
	RSN	PLASTIC RESIN PANEL
	RVL	REVEAL
S	SCN	SEALED CONCRETE
	SCB	SELF COVE BASE
	SGN	SIGNAGE
	SRP	SLIP RESISTANT PROTECTIVE FLOORING
	SRS	SINGLE ROLLER SHADE
	SSM	SOLID SURFACE MATERIAL
	SST	STAINLESS STEEL
	SWS	SPECIAL WALL SURFACES
	SV	SHEET VINYL
T	TC	TOILET COMPARTMENTS
	TER	TERRAZZO
	TKBD	TACKBOARD
	TPF	TRANSPARENT FINISH
	TS	TRANSITION STRIP
V	VCT	VINYL COMPOSITION TILE
	VVC	VINYL WALL COVERING
W	WD	WOOD DOOR
	WDF	WOOD FLOORING
	WPC	WOOD PANEL CEILING

INTERIOR MATERIAL LEGEND

MARK	DESCRIPTION	MANUFACTURER	STYLE/COLLECTION	COLOR	REMARKS	SPECIFICATION INFORMATION
06 41 16 - PLASTIC LAMINATE CLAD ARCHITECTURAL CABINETS						
PLAM1	PLASTIC LAMINATE	WILSONART	WILLIAMSBURG CHERRY	7936K-07		AWI CUSTOM REVEAL OVERLAY CABINETS. SEMI-EXPOSED SHALL BE PLAM. INTERIOR DRAWER AND CABINETS SHALL BE WHITE MELAMINE FINISH. HINGES EUROPEAN 270 DEGREE. 4" WIRE PULLS TO MATCH EXISTING FINISH. USE COLOR MATCH 2MM PVC EDGE BANDING ON DOORS, DRAWERS.
08 87 00 - DECORATIVE FILM						
GF1	GLASS FILM	MATCH EXISTING			MATCH EXISTING FILM IN JUDGE OFFICE 1162	SEE FINISH PLAN FOR PLACEMENT
09 30 13 - CERAMIC TILING						
CT1	PORCELAIN TILE - WALL	DALTILE SIZE 4' X 4" GROUT	KEYSTONES - MATCH EXISTING	GOLDEN GRANITE D138	INSTALLATION: STRAIGHT COURSE FINISH: MATTE	TCNA INSTALLATION - WALL INSTALLATION: W244C-17
CT2	PORCELAIN TILE - FLOOR	DALTILE SIZE 2' X 2" GROUT	FUSION PRO KEYSTONES - MATCH EXISTING	TBS BUFFSTONE RANGE D147	INSTALLATION: STRAIGHT COURSE FINISH: MATTE	1/8" GROUT JOINT TCNA INSTALLATION - FLOOR INSTALLATION: F205-17
CT2A	PORCELAIN TILE BUILT-UP BASE	DALTILE HEIGHT 2' X 2" GROUT	KEYSTONES	TBS BUFFSTONE RANGE D147	FINISH: STRAIGHT COURSE	1/8" GROUT JOINT TCNA INSTALLATION - WALL INSTALLATION: W244C-17
MTL1	METAL TRANSITION	SCHLUTER SYSTEMS	FUSION PRO	TBS		1/8" GROUT JOINT
MTL2	METAL TRANSITION	SCHLUTER SYSTEMS	QUADEC	XXXX	CAP WALL TILE	PROVIDE AT PARTIAL HEIGHT TILE WALL INSTALLATIONS
		SCHLUTER SYSTEMS	RENO-U	XXXX	TILE TO LOWER TRANSITION	PROVIDE AT FLOOR TRANSITIONS
09 51 23 - ACOUSTIC TILE CEILINGS						
ACT1	ACOUSTIC CEILING TILE (FIELD)	ARMSTRONG CEILINGS SIZE 24" X 24"	ULTIMA LAY-IN	WHITE		15/16" GRID - REGULAR INSTALL PER MANF. GUIDELINES/ MATCH GRID AND TILE TO EXISTING
ACT2	ACOUSTIC CEILING TILE	ARMSTRONG CEILINGS SIZE 12" X 24"	ULTIMA LAY-IN	WHITE		15/16" GRID - REGULAR INSTALL PER MANF. GUIDELINES/ MATCH GRID AND TILE TO EXISTING
09 65 13 - RESILIENT BASE AND ACCESSORIES						
RB1	RESILIENT BASE	ROPPE PROFILE 4 1/4" BASE	NOVEL #45 WALL BASE	BROWN P110		ASTM F 1861; COVE IN COILS. PROVIDE RUBBER TRANSITION ACCESSORIES AT CARPET TO LVT TRANSITIONS. PREPARE SUBSTRATES ACCORDING TO MANUFACTURE'S WRITTEN INSTRUCTIONS TO ENSURE ADHESION OF RESILIENT PRODUCTS. APPLY RESILIENT BASE TO WALLS, COLUMNS, AND OTHER PERMANENT FIXTURES IN ROOMS AND AREAS WHERE BASE IS REQUIRED. TIGHTLY ADHERE TO SUBSTRATE THROUGHOUT LENGTH OF EACH PEICE, WITH BASE IN CONTINUOUS CONTACT WITH HORIZONTAL AND VERTICAL SUBSTRATES. DO NOT STRETCH BASE DURING INSTALLATION. JOB FORMED INTERNAL AND OUTSIDE CORNERS WITH RETURNS NOT LESS THAN 3". USE MANF REQUIRED ADHESIVE FOR INSTALLATION. ALL CORNERS TO BE JOB FORMED.
RB2	RESILIENT BASE PROFILED	ROPPE PROFILE 4" COVE WITH TOE	TRADITIONAL 4" COVE	BROWN P110		
RACC1	RESILIENT TRANSITION	ROPPE		BROWN P110	CARPET TO LVT	PROVIDE AT CARPET TO LVT TRANSITIONS ONLY.
09 65 19 - RESILIENT TILE FLOORING						
LVT1	LUXURY VINYL TILE	SHAW CONTRACT SIZE 6" X 48"	SOUNDSCAPE 4063V	HONEY 63103	INSTALLATION: RANDOM	ASTM F 1700, CLASS III, TYPE B, THICKNESS 3MM, WEAR LAYER 0.020" THICK, NO POLISH; DO NOT WAX. FOLLOW INSTALLATION INSTRUCTIONS PER MANUFACTURE. A DRY, TEMPERATURE CONTROLLED INTERIOR ENVIRONMENT. TEMPERATURE RANGE BETWEEN 65 F AND 80 F. RELATIVE HUMIDITY SHOULD BE MAINTAINED BETWEEN 30-70% RH. FLOOR TESTING TO BE DONE PER MANUFACTURER'S WRITTEN INSTRUCTIONS. ADHESIVES: PER MANUFACTURE RECOMMENDATIONS.
LVT2	LUXURY VINYL TILE	MOHAWK GROUP SIZE 9.25" X 59"	REFORESTATION C0188	BRIDAL VEIL 220	INSTALLATION: RANDOM (ELEVATOR CAB)	
09 68 13 - TILE CARPETING						
CPT1	CARPET TILE	PHILIDELPHIA CARPETS SIZE 24" X 24"	54806 CARBONE COPY	06100 MIRROR IMAGE	INSTALLATION: MONOLITHIC	FOLLOW INSTALLATION INSTRUCTION FOR CONDITIONING SITE AND TESTING INFORMATION AND INSTALLATION. HVAC MUST BE OPERATIONS PRIOR TO INSTALLATION. PREPARE FLOOR FOR INSTALLATION. PROTECT AFTER INTALL.
09 91 23 - INTERIOR PAINTING						
PT1	PAINT	SHERWIN WILLIAMS		NAPERY 6386		1. WATER BASED DRY - FALL SYSTEM. TOP COAT: DRY FALL LATEX - SW PRO INDUSTRIAL WATERBORNE ACRYLIC DRYFALL FLAT B42-80 SERIES 2. ACRYLIC/ALKYD SYSTEM. PRIME COAT: SW PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER B66-310 SERIES. 2ND AND 3RD COATS: WATER-BASED ACRYLIC, SEMI-GLOSS, INTERIOR: SW PROMAR 200 WATERBASED ACRYLIC-ALKYD SEMI GLOSS, B24-8200 SERIES 3. PRO INDUSTRIAL WATERBOARNE ACRYLIC DRYFALL B42 SERIES GYPSUM BOARD SUBSTRATES: LATEX SYSTEM: 1ST COAT: SW PRO MAR 200 ZERO VOC LATEX PRIMER. B28W2600 SERIES. 2ND AND 3RD COATS: LATEX, INTERIOR, EGGSHELL FINISH SW PROMAR 200 ZERO VOC LATEX VOC LATEX EGHELL B20-2600 SERIES
PT2	PAINT	SHERWIN WILLIAMS		DAPPERTAN 6144		
PT3	PAINT	SHERWIN WILLIAMS		ORIGINAL WHITE 7077		
PT4	PAINT	SHERWIN WILLIAMS		BLACK BEAN 6006		
SCN1	SEALED CONCRETE	SHERWIN WILLIAMS	REFERENCE SPECIFICATION	CLEAR		CONCRETE FLOOR SEALER: CLEAR ACYLIC SYSTEM, GLOSS FINISH 1ST AND 2ND COATS. SW H&C CONCRETE SEALER WET LOOK WATER BASED
12 21 13 - HORIZONTAL LOUVER BLINDS						
HLB1	HORIZONTAL LOUVER BLINDS		MATCH TO EXISTING	MATCH TO WALL PAINT		SEE FINISH PLAN FOR PLACEMENT
12 36 23.13 - PLASTIC LAMINATE CLAD COUNTERTOPS						
PLAM2	PLASTIC LAMINATE COUNTERTOPS	WILSONART	MILANO BROWN	4725-52		AT LOCATIONS RECEIVING PLASTIC LAMINATE COUNTERTOPS, PROVIDE 4" SIDE AND BACKSPASH. REVIEW GENERAL FINISH NOTES FOR LOCATIONS. COUNTERTOP SHOULD HAVE BULLNOSE EDGE.

GENERAL NOTES

- VERIFY AND COORDINATE DIMENSIONAL DISCREPANCIES (NEW AND EXISTING) FROM THIS OR ANY PLAN, SECTION OR ELEVATION WITH THE INTERIOR DESIGNER PRIOR TO CONSTRUCTION.
- MATERIALS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT WALLS, CEILINGS, FLOORS, AND BASE TO MATCH EXISTING WHERE DEMOLITION OR DAMAGE OCCURS. NEW FINISHES SHALL MATCH THE ADJACENT WALL, CEILING, FLOOR, AND BASE, IN TEXTURE, PATTERN, AND COLOR. INTERIOR DESIGNER SHALL APPROVE FINAL WORK.
- PREPARE SUBSTRATES TO RECEIVE NEW FINISHES PER MFR'S GUIDELINES.
- THE INTERIOR MATERIAL LEGEND LISTS THE COLORS, PATTERNS AND TEXTURES REQUIRED FOR INTERIOR FINISHES, INCLUDING BOTH FACTORY APPLIED COLORS THAT ARE EXPOSED TO VIEW IN THE FINISHED CONSTRUCTION. SPECIFIC LOCATIONS WHERE THE VARIOUS MATERIALS ARE REQUIRED ARE INDICATED IN DRAWING. WHEN COLOR IS NOT DESIGNATED FOR ITEMS, THE CONTRACTOR SHALL ASK FOR A COLOR SELECTION.
- ALL DISSIMILAR FLOORING SHALL BE TERMINATED IN THE CENTERLINE OF THE DOOR UNO, AND WITH AN ADA COMPLIANT TRANSITION IN HEIGHT REQUIRED TO ACCOMMODATE HEIGHT OF MATERIAL AS SPECIFIED IN THE PROJECT MANUAL.
- SCRIBE AND CUT FLOOR COVERING TO BUTT NEATLY AND TIGHTLY TO VERTICAL SURFACES AND PERMANENT FIXTURES INCLUDING BUILT-IN FURNITURE, CABINETS, PIPES, OUTLETS, EDGINGS, DOORFRAMES, THRESHOLDS AND NOSING. EXTEND FLOORING INTO TOE SPACES, DOOR REVEALS, CLOSETS, AND SIMILAR OPENINGS. MAINTAIN REFERENCE MARKERS, HOLES AND OPENINGS THAT ARE IN PLACE OR MARKED FOR FUTURE USE WITH NONPERMANENT, NONSTAINING MARKING DEVICE.
- INTERIOR WALL COLOR SHALL APPLY TO THE ENTIRE WALL SURFACE INCLUDING REVEALS, VERTICAL FURRED SPACES, GRILLES, DIFFUSERS, ELECTRICAL AND ACCESS PANELS, AND ALL PIPING AND CONDUIT ADJACENT TO WALL SURFACES UNLESS OTHERWISE SPECIFIED. ITEMS NOT SPECIFIED IN OTHER PARAGRAPHS SHALL BE PAINTED TO MATCH ADJACENT WALL SURFACE.

GENERAL FINISH NOTES

- FLOORS:**
- REFERENCE FLOOR FINISH PLAN FOR ALL FLOOR FINISH DESIGNATIONS.
 - ELEVATOR CAB SHALL RECEIVE LVT2.
- BASE:**
- BASE SHALL BE (RB1) UNO.
 - CERAMIC WALL TILE SHALL SERVE AS BASE IN RESTROOMS.
- WALLS:**
- DRYWALL WALLS SHALL BE PAINTED (PT1) UNO.
 - RESTROOM WALLS SHALL RECEIVE (CT1) FROM FLOOR TO 5'-0" AFF. REFERENCE INTERIOR ELEVATIONS FOR DETAILS.
 - EXPOSED WALL TILE EDGES SHALL RECEIVE A METAL EDGE CAP (MTL1).
- CEILINGS:**
- ACOUSTICAL CEILING SHALL BE (ACT1) UNO.
 - DRYWALL CEILINGS SHALL BE PAINTED (PT3) UNO.
 - EXPOSED DECK, STRUCTURAL STEEL, MECHANICAL DUCTWORK AND ELECTRICAL CONDUIT SHALL BE PAINTED (PT1) UNO.
- MILLWORK:**
- UPPER AND LOWER MILLWORK SHALL BE (PLAM1) UNO.
 - COUNTERTOPS SHALL BE (PLAM2) UNO.
- MISCELLANEOUS:**
- DOOR AND WINDOW TRIM SHALL BE (PT4).
 - HANDRAILS SHALL BE (PT4).
 - PAINTED DOORS SHALL BE (PT4) UNO.
 - WINDOW STOOLS SHALL BE (PLAM2).

WALL FINISH LEGEND

- RESTROOM WALL TILE
 - A. PAINT ABOVE
 - B. METAL TRIM
 - C. PORCELAIN WALL TILE FROM FLOOR TO 5'-0" AFF
 - PT1
 - MTL1
 - CT1



04/10/2023

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COUNTY COURTHOUSE, 11TH FLOOR
PARTIAL INTERIOR FINISH OUT
MIDLAND COUNTY COURTHOUSE



CLIENT
MIDLAND COUNTY
 500 N. LORRAINE ST.
 MIDLAND, TX 79701

PROJECT NO.
 40451.22

KEY PLAN

1 05/17/2023 ADDM-01
 - 04/10/2023 PERMIT SET

DATE DESCRIPTION

Interior Legends & Abbreviations
I-001



05/17/2023

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Electrical
Abbreviations &
Legend
E-001

ELECTRICAL ABBREVIATIONS		
ABOVE COUNTER	AC	HORSEPOWER
ABOVE FINISHED FLOOR	AFF	HP
ALTERNATING CURRENT	ALM	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA/IESNA
AMERICAN NATIONAL STANDARDS INSTITUTE	ANSI	INTERMEDIATE METAL CONDUIT
AMERICAN STEEL WIRE GAUGE	ASWG	KILOVOLT
AMERICAN WIRE GAUGE	AWG	KILOVOLT AMP
AMPERE	AMP	KILOWATT
AMPERE INTERRUPTING CAPACITY	AIC	KILOWATT HOUR
AMPS SHORT CIRCUIT	ASC	
ARCHITECT	ARCH	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
AUDIO VISUAL	AV	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT
AUTHORITY HAVING JURISDICTION	AHJ	
AUTOMATIC TRANSFER SWITCH	ATS	
		MAIN CIRCUIT BREAKER
CLOSED CIRCUIT TELEVISION	CCTV	MAIN LUGS ONLY
COAXIAL CABLE	COAX	MINIMUM CIRCUIT AMPS
COLOR RENDERING INDEX	CRI	MOTOR CONTROL CENTER
COMMUNICATIONS	COMM	
COPPER	CU	NATIONAL ELECTRICAL CODE
CURRENT TRANSFORMER	CT	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
		NATIONAL FIRE CODE
		NATIONAL FIRE PROTECTION ASSOCIATION
DECIBEL	dB	NORMALLY CLOSED
DEMOLITION	DEMO	NORMALLY OPEN
DIRECT CURRENT	DC	NOTIFICATION APPLIANCE CIRCUIT
DOUBLE POLE, DOUBLE THROW	DPDT	
DOUBLE POLE, SINGLE THROW	DPST	POLY VINYL CHLORIDE
		POWER FACTOR
EACH	EA	
ELECTRIC	ELEC	RIGID GALVANIZED STEEL
ELECTRICAL METALLIC TUBING	EMT	RIGID NONMETALLIC CONDUIT
ELECTRICAL NONMETALLIC TUBING	ENT	
FIRE ALARM	FA	SINGLE PHASE
FIRE ALARM ANNUNCIATOR PANEL	FAAP	SINGLE POLE, DOUBLE THROW
FIRE ALARM CONTROL PANEL	FACP	SINGLE POLE, SINGLE THROW
FLEXIBLE METALLIC CONDUIT	FMC	SWITCHBOARD
FOOTCANDLE	FC	
FULL LOAD AMPS	FLA	THREE PHASE
		3Ø
GAUGE	GA	UNINTERRUPTIBLE POWER SUPPLY
GENERATOR	GEN	
GROUND	GND	VARIABLE FREQUENCY DRIVE
GROUND FAULT CIRCUIT INTERRUPTER	GFCI	VOLT VOLTS, VOLTAGE
		VOLT AMPERE
		VA
		WEATHERPROOF
		WP

LIGHTING FIXTURE SCHEDULE					
TYPE	ELECTRICAL DATA	MANUFACTURER	MODEL	LAMP	DESCRIPTION
A	277 V/1-45 VA	LITHONIA	2GTL-4-48L-EZ1-LP840	LED	2X4 LED TROFFER.
AE	277 V/1-45 VA	LITHONIA	2GTL-4-48L-EZ1-LP840-EL14L	LED	SAME AS TYPE "A" EXCEPT WITH EMERGENCY BATTERY PACK.
B	277 V/1-34 VA	LITHONIA	2GTL-4-40L-A12125-EZ1-LP840-N80	LED	2X4 LED TROFFER.
BE	277 V/1-34 VA	LITHONIA	2GTL-4-40L-A12125-EZ1-LP840-N80-EL14L	LED	SAME AS TYPE "B" EXCEPT WITH EMERGENCY BATTERY PACK.
C	277 V/1-0 VA	GOTHAM	EVO-3520-6AR-WD-LS-MVOLT	LED	6" LED CAN LIGHT WITH SPECULAR REFLECTOR, WHITE TRIM AND INTEGRAL 0-10V DIMMING DRIVER.
CE	277 V/1-0 VA	GOTHAM	EVO-3516-6AR-WD-LS-MVOLT-EL	LED	SAME AS TYPE "C" EXCEPT WITH EMERGENCY BATTERY PACK.
F	277 V/1-32 VA	LITHONIA	LBL4-400LM-80CRI-40K-MIN10-GZT-MVOLT	LED	1X4 LED SURFACE MOUNT FIXTURE.
FE	277 V/1-32 VA	LITHONIA	LBL4-400LM-80CRI-40K-MIN10-GZT-MVOLT-EL14L	LED	SAME AS TYPE "F" EXCEPT WITH EMERGENCY BATTERY PACK.
X	0 V/1-7 VA	COOPER	CX7-SD-R	LED	Brushed aluminum face exit sign with self diagnostics. Provide number of faces and arrows as necessary.

A. LIGHTED EXIT SIGNS SHALL BE CONNECTED TO THE UNSWITCHED SIDE OF THE CIRCUIT SHOWN ON PLANS.
B. AT LOCATIONS WHERE WRAPAROUND FIXTURES ARE INSTALLED IN AREAS WITHOUT CEILINGS, PROVIDE RIGID GALVANIZED STEEL CONDUIT PENDANTS AND STEEL FRAMING CHANNEL AS REQUIRED.

MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE							
MARK	VOLTAGE	PHASE	NO. OF POLES	BREAKER	CONDUIT	CONDUCTOR	DISCONNECT
EF-23	120 V	1	1	20 A	3/4"	(2) #12 AWG + #12 GND	0 A
EF-24	120 V	1	1	20 A	3/4"	(2) #12 AWG + #12 GND	0 A
L-7	120 V	1	1	20 A	3/4"	(2) #12 AWG + #12 GND	0 A
L-8	120 V	1	1	20 A	3/4"	(2) #12 AWG + #12 GND	0 A
P-1	120 V	1	1	20 A	3/4"	(2) #12 AWG + #12 GND	0 A

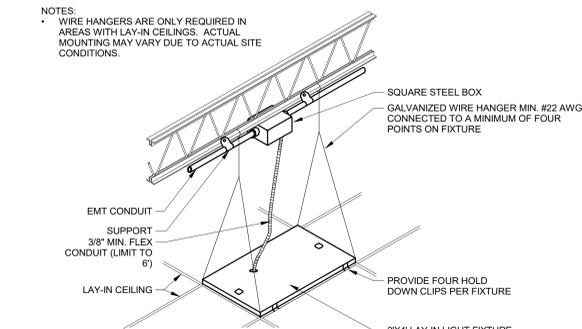
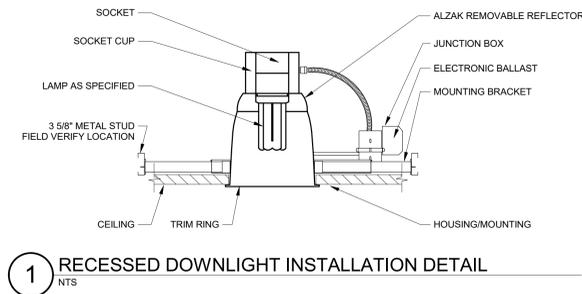
NOTES:
1. PROVIDE A MOTOR RATED SWITCH. OVERLOADS SHALL MATCH MOTOR RATING.
2. PROVIDE AND INSTALL A DUCT-MOUNTED SMOKE DETECTOR ON THE RETURN AND SUPPLY SIDE OF UNIT. EXTEND AND CONNECT TO FACP AND COORDINATE WITH MECHANICAL FOR AUTOMATIC SHUTOFF OF UNIT AS REQUIRED.

ELECTRICAL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	2x4 RECESSED LIGHT FIXTURE. DIAGONAL MARKING INDICATES EGRESS FIXTURE CONNECTED TO EMERGENCY POWER SUPPLY. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.		2x4 RECESSED LIGHT FIXTURE. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.
	SURFACE/PENDANT/WALL MOUNTED FIXTURE. DIAGONAL MARKING INDICATES EGRESS FIXTURE CONNECTED TO EMERGENCY POWER SUPPLY. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.		SURFACE/PENDANT/WALL MOUNTED FIXTURE. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.
	2x2 RECESSED LIGHT FIXTURE. DIAGONAL MARKING INDICATES EGRESS FIXTURE CONNECTED TO EMERGENCY POWER SUPPLY. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.		2x2 RECESSED LIGHT FIXTURE. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.
	RECESSED COMPACT FIXTURE. DIAGONAL MARKING INDICATES EGRESS FIXTURE CONNECTED TO EMERGENCY POWER SUPPLY. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.		RECESSED COMPACT FIXTURE. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.
	EMERGENCY WALL PACK CONNECTED TO EMERGENCY LIGHTING POWER SUPPLY. UPPER CASE INDICATES TYPE IN SCHEDULE.		WALL MOUNTED FIXTURE. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.
	SINGLE FACE EXIT SIGN AS SCHEDULED. CONNECTED TO EMERGENCY LIGHTING POWER SUPPLY. ARROWS INDICATE DIRECTIONAL ARROWS. PROVIDE SINGLE OR DOUBLE FACE AS REQUIRED OR INDICATED. UPPER CASE INDICATES TYPE IN SCHEDULE. "WG" INDICATES WIRE GUARD.		DOUBLE FACE EXIT SIGN AS SCHEDULED. CONNECTED TO EMERGENCY LIGHTING POWER SUPPLY. ARROWS INDICATE DIRECTIONAL ARROWS. PROVIDE SINGLE OR DOUBLE FACE AS REQUIRED OR INDICATED. UPPER CASE INDICATES TYPE IN SCHEDULE. "WG" INDICATES WIRE GUARD.
	WALL SWITCH. REFER TO LIGHTING CONTROL MATRIX SCHEDULE FOR ALL CONTROL REQUIREMENTS.		SEQUENCE OF OPERATION LIGHTING CONTROL DEVICE. REFER TO CONTROL MATRIX FOR ABBREVIATIONS AND LIGHTING CONTROL INFORMATION.
	125V, 20A, 2P, 3W. GROUNDING TYPE DUPLEX RECEPTACLE. "GFCI" DENOTES GROUND FAULT INTERRUPTER. "WP" DENOTES WEATHERPROOF COVER. "AC" DENOTES ABOVE COUNTER MOUNTING. "USB" DENOTES COMBINATION USB DEVICE.		DOUBLE DUPLEX RECEPTACLE CONSISTING OF TWO 125V, 20A, 2P, 3W. GROUNDING TYPE DUPLEX RECEPTACLES MOUNTED IN A 2-GANG BOX AND CONNECTED TO THE SAME CIRCUIT.
	125V, 20A, 2P, 3W. GROUNDING TYPE DUPLEX RECEPTACLE MOUNTED IN FLOOR BOX. "GFCI" DENOTES GROUND FAULT INTERRUPTER.		DOUBLE DUPLEX RECEPTACLE CONSISTING OF TWO 125V, 20A, 2P, 3W. GROUNDING TYPE DUPLEX RECEPTACLES MOUNTED IN A 2-GANG FLOOR BOX AND CONNECTED TO THE SAME CIRCUIT.
	240V OR 208V RECEPTACLE AS NOTED.		LIGHTING CONTACTOR.
	DISCONNECT. AMPERAGE, POLES, AND FUSING AS NOTED.		JUNCTION BOX.
	CONDUCTORS IN CONDUIT. MINIMUM NUMBER IS (2) #12 AWG + #12 GND. PROVIDE NUMBER OF CONDUCTORS AS REQUIRED FOR SWITCHING INDICATED AND CONTINUING CIRCUITS.		HOMERUN TO PANELBOARD. REFER TO SPECIFICATIONS FOR LIMITING NUMBER OF CONDUCTORS PER HOMERUN.
	SURFACE MOUNTED SINGLE SECTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.		SURFACE MOUNTED DOUBLE SECTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.
	RECESSED MOUNTED SINGLE SECTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.		RECESSED MOUNTED DOUBLE SECTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.
	EXISTING SURFACE MOUNTED SINGLE SECTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.		EXISTING SURFACE MOUNTED DOUBLE SECTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.
	EXISTING RECESSED MOUNTED SINGLE SECTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.		EXISTING RECESSED MOUNTED DOUBLE SECTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.
	SURFACE MOUNTED DISTRIBUTION PANELBOARD. LABEL INDICATES PANEL NAME. REFER TO PANEL SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.		PAD MOUNTED DRY-TYPE TRANSFORMER. LABEL INDICATES TRANSFORMER INFORMATION. REFER TO TRANSFORMER SCHEDULE AND RISER DIAGRAM FOR ADDITIONAL INFORMATION.
	UNDERGROUND ELECTRICAL.		EXISTING UNDERGROUND ELECTRICAL.
	OVERHEAD ELECTRICAL.		EXISTING OVERHEAD ELECTRICAL.
	UNDERGROUND COMMUNICATIONS CABLE.		DATA OUTLET MOUNTED IN FLOOR BOX.
	DATA OUTLET.		TELEPHONE OUTLET.
	FIRE ALARM CONTROL PANEL.		SECURITY CAMERA OUTLET.
	REMOTE FIRE ALARM ANNUNCIATOR PANEL.		FIRE ALARM PULL STATION.
	FIRE ALARM COMBINATION AUDIO/VISUAL UNIT DEVICE. "WG" INDICATES WIRE GUARD.		SMOKE DETECTOR.
	FIRE ALARM STROBE UNIT DEVICE. "WG" INDICATES WIRE GUARD.		HEAT DETECTOR.
	SECURITY CARD READER.		DOOR HOLD OPEN.

NOTE:
ITEMS SHOWN AS DASHED INDICATE ITEMS WHICH ARE TO BE REMOVED.

LIGHTING CONTROL SEQUENCE MATRIX									
DESIGNATION	TYPICAL SPACES	DIMMING	NETWORKED	OCCUPANCY (AUTO ON)	OCCUPANCY (VACANCY)	STAND ALONE	TIME CLOCK	WIRELESS	DESCRIPTION OF LIGHTING CONTROL DEVICES WITHIN SPACE
D	•OFFICES •CONFERENCE ROOMS •NURSE •LARGE STORAGE ROOMS •WORK ROOMS •LOUNGE •NURSE RESTROOMS	Yes	No	No	Yes	Yes	No	No	•WALL STATION WITH ON/OFF AND 0-10V DIMMING CAPABILITIES. PROVIDE CONNECTION FOR CONTROL OF LIGHTING THROUGH MULTIPLE SWITCH LOCATIONS. •CEILING MOUNTED OCCUPANCY (VACANCY) SENSOR SHALL TURN ALL LUMINAIRES OFF AFTER TIMEOUT (20 MIN.) EXPIRES.
OS	•SMALL RESTROOMS •SMALL STORAGE ROOMS •JANITORS CLOSETS	No	No	No	Yes	Yes	No	No	•ON/OFF WALL SWITCH WITH INTEGRAL OCCUPANCY SENSOR. INTEGRAL OCCUPANCY SENSOR SHALL TURN ALL LUMINAIRES OFF AFTER (20 MIN.) EXPIRES. •(NETWORK CONTROLS NOT REQUIRED. STAND-ALONE CONTROLS ONLY FOR THIS SPACE.)
SS	•ELECTRICAL ROOMS •MECHANICAL ROOMS •KITCHEN	No	No	No	No	Yes	No	No	•ON/OFF WALL SWITCH CONTROL (ONLY) TO AVOID POSSIBLE SAFETY CONCERN OF INADVERTENT OF THAT COULD BE CAUSED BY OCCUPANCY SENSING DEVICES. •(NETWORK CONTROLS NOT REQUIRED. STAND-ALONE CONTROLS ONLY FOR THIS SPACE.)

NOTES:
A. REFER TO PLANS FOR LIGHTING DEVICE LOCATIONS AND OTHER INFORMATION.
B. SYMBOLS PROVIDED IN EACH SPACE (INDICATED IN THE LIGHTING CONTROLS SEQUENCE MATRIX SCHEDULE) ARE INTENDED TO DENOTE THE TYPES OF CONTROLS REQUIRED FOR EACH ASSOCIATED SPACES. THE SWITCH SYMBOLS DENOTE REQUIRED LOCATIONS FOR THE CONTROL DEVICES IN EACH ASSOCIATED SPACE.
C. IN ADDITION TO CONTROL TYPES INDICATED, PROVIDE DAYLIGHT CONTROLS IN ALL AREAS SHOWN WITH DAYLIGHTING ZONES (INDICATED BY HATCHED AREAS ON PLANS). DIMMABLE DRIVERS IN EACH DAYLIGHT ZONE TO BE DIMMED SEPARATELY BY ZONE (CURRENT LIGHT LEVEL TO OFF, CONTINUOUS DIMMING, NO STEP DIMMING). DIMMING FUNCTION IN EACH DAYLIGHT ZONE IS TO MAINTAIN EVEN ILLUMINATION ACROSS THE ZONE, BASED ON THE SETTINGS OF THE SWITCH.
D. PROVIDE NUMBER OF RELAY PACKS, DIMMING RELAY PACKS, OCCUPANCY SENSORS AND PHOTOCELLS FOR COMPLETE AND PROPER OPERATION OF THE LIGHTING SYSTEM.
E. IN COMMON USE SPACES SUCH AS CORRIDORS, LOBBIES, CAFETERIA, AND HUBS/COLABS, PROVIDE CONNECTION TO FIRE ALARM TO BRING LIGHTING IN THESE AREAS/SPACES TO FULL "ON" IN THE EVENT OF AN ALARM.
F. LIGHTING CONTROLS SHALL COMPLY WITH THE REQUIREMENTS OF THE IECC 2015 AND SHALL BE COMMISSIONED IN ACCORDANCE WITH THE REQUIREMENTS OF IECC 408.
G. REFER TO SPECIFICATION SECTION 26 09 43 NETWORKED LIGHTING CONTROLS FOR ADDITIONAL REQUIREMENTS.





GENERAL NOTES

- A. COORDINATE LOCATION OF LIGHT FIXTURES WITH ARCHITECTURAL AND MECHANICAL.
- B. ALL EMERGENCY AND EGRESS LIGHTING SHALL BE CONNECTED TO THE SAME BRANCH CIRCUIT SERVING THE NORMAL LIGHTS AND SHALL BE ON THE LINE SIDE OF RELAYS OR SWITCHING DEVICES.
- C. REFER TO KEYED NOTES FOR CONTROL OF ADDITIONAL EMERGENCY LIGHTING. ALL EXIT SIGNS SHALL BE CONNECTED FOR CONTINUOUS OPERATION.
- D. AT LOCATIONS WHERE ROOM LIGHT FIXTURES ARE CONTROLLED THROUGH THE USE OF OCCUPANCY SENSORS, PROVIDE THE NUMBER OF SENSORS AND LOCATE THE UNITS AS REQUIRED FOR COMPLETE ROOM COVERAGE. WHERE MORE THAN ONE SENSOR IS LOCATED IN A COMMON SPACE, CONNECT THE UNITS SUCH THAT DETECTION OF OCCUPANCY FROM EITHER UNIT WILL ENERGIZE THE LIGHTING. WHERE SWITCHES ARE SHOWN IN CONJUNCTION WITH OCCUPANCY SENSORS, CONNECT THE SWITCHES TO DE-ENERGIZE THE LIGHTING INDICATED REGARDLESS OF OCCUPANCY. ADJUST ALL SENSOR TIME DELAYS AND MOTION SENSITIVITIES DURING PROJECT CLOSEOUT TO MEET THE OPERATIONAL FUNCTION OF THE OWNER.
- E. EXACT LOCATION AND PLACEMENT OF EXIT LIGHTING SHALL BE FIELD DETERMINED TO ENSURE PROPER LINES OF SIGHT.
- F. RECESSED DOWN LIGHT FIXTURES INSTALLED IN LAY-IN CEILINGS SHALL BE PROVIDED WITH ADJUSTABLE T-BAR ATTACHMENT ARMS MANUFACTURED BY THE LIGHT FIXTURE COMPANY.
- G. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL 120V OR 277V BRANCH CIRCUITS TO MEET NEC 210.4.
- H. ALL ELECTRICAL FIXTURES AND DEVICES SHALL BE REMOVED AND SALVAGE BACK TO OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL FIXTURES TO PREVENT DAMAGE DURING THE REMODELING.

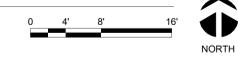
KEY NOTES

AS INDICATED BY: (1) (2) (3) (4)

- 1. CONNECT LIGHT SWITCHES TO CONTROL DIMMING (TYPICAL).
- 2. EXTEND (2) #12 AWG + #12 GND IN A 3/4" CONDUIT AND CONNECT TO EXISTING CIRCUIT SERVING THIS AREA (TYPICAL).
- 3. IN THE EVENT OF A POWER OUTAGE, PROVIDE L.L. 824 RELAY FOR EMERGENCY EGRESS PURPOSES. CONNECT RELAY TO TURN ON LIGHT FIXTURE IF THE SWITCH IS IN THE OFF POSITION.
- 4. CONNECT EXIT SIGN ON THE LINE SIDE OF SWITCHING DEVICES FOR CONTINUOUS OPERATION (TYPICAL).



1 11TH Electrical Lighting Plan
1/8" = 1'-0"



COUNTY COURTHOUSE, 11TH FLOOR
PARTIAL INTERIOR FINISH OUT
 MIDLAND COUNTY COURTHOUSE



CLIENT
MIDLAND COUNTY
 500 N. LORRAINE ST.
 MIDLAND, TX 79701

 PROJECT NO.
 40451.22
 KEY PLAN

#	DATE	DESCRIPTION
1	05/17/2023	ADDM-01
-	04/10/2023	PERMIT SET

Electrical Lighting Plan
E-111



GENERAL NOTES

- A. PROVIDE FOR THE CONNECTION OF ALL FIRE/SMOKE DAMPERS. PROVIDE 120 VOLT POWER AND FOR CONNECTIONS TO THE FIRE ALARM PANEL AS REQUIRED FOR PROPER OPERATION. REFER TO THE MECHANICAL PLANS FOR LOCATION AND NUMBER OF DAMPERS. CIRCUIT THE DAMPERS FOR A MAXIMUM OF TEN DAMPERS PER CIRCUIT AND EXTEND TO SPARE CIRCUIT BREAKERS AS REQUIRED. PROVIDE FOR ALL NECESSARY CONTROL MODULES AND RELAYS FOR OPERATION.
- B. REFER TO THE MECHANICAL DRAWINGS FOR THE LOCATION AND NUMBER OF SUPPLY AND RETURN AIR DUCTS. FOR UNITS THAT ARE INDICATED TO HAVE SMOKE DETECTION COVERAGE, PROVIDE THE NUMBER OF DETECTORS AS REQUIRED TO COVER ALL OF THE DUCTS.
- C. AT LOCATIONS WHERE A COMMON EXHAUST FAN IS CONTROLLED THROUGH INDEPENDENT WALL SWITCHES, CONNECT THE SWITCHES IN PARALLEL TO ALLOW EITHER SWITCH TO OPERATE THE FAN.
- D. REFER TO THE MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE FOR BRANCH CIRCUIT REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT.
- E. COORDINATE WITH SECURITY CONTRACTOR FOR ALL POWER REQUIREMENTS. REFER TO COMMUNICATION SHEETS FOR JUNCTION BOXES FOR MOTION DETECTORS, KEYPADS, DOOR CONTACTORS, ETC.
- F. CONTRACTOR IS RESPONSIBLE FOR PROVIDING CONNECTION OF ALL HVAC AND PLUMBING EQUIPMENT (BUT NOT LIMITED TO RTUS, AHUS, FANS, DAMPERS, LOUVERS, PUMPS AND CONTROLS).
- G. FLOOR BOX LOCATIONS AND TYPES OF CONNECTIONS SHALL BE FIELD DETERMINED AND COORDINATED WITH THE EQUIPMENT ON SITE.
- H. PROVIDE DEDICATED NEUTRAL WIRE FOR ALL 120V OR 277V BRANCH CIRCUITS TO MEET NEC 210.4.

KEY NOTES

AS INDICATED BY: (#) —

- 1. NEW TYPICAL RECEPTACLE, MOUNTED AT 18" AFF. EXTEND (2) #12 AWG + #12 GND AND CONNECT TO EXISTING PANEL 11L. PROVIDE NEW 20A/1P CIRCUIT BREAKER AS NECESSARY (MATCH EXISTING TYPE AND AIC RATING).
- 2. NEW TYPICAL RECEPTACLE, MOUNTED AT 42" AFF. EXTEND (2) #12 AWG + #12 GND AND CONNECT TO EXISTING PANEL 11L. PROVIDE NEW 20A/1P CIRCUIT BREAKER AS NECESSARY (MATCH EXISTING TYPE AND AIC RATING).
- 3. NEW TYPICAL TV RECEPTACLE, MOUNTED AT 60" AFF. EXTEND (2) #12 AWG + #12 GND AND CONNECT TO EXISTING PANEL 11L. PROVIDE NEW 20A/1P CIRCUIT BREAKER AS NECESSARY (MATCH EXISTING TYPE AND AIC RATING).
- 4. COMBINATION FLOOR BOX, PROVIDE FIRE RATED POKE THROUGH EQUAL TO HUBBELL PT222. COORDINATE COLOR FINISH WITH ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. COORDINATE EXACT LOCATION OF BOX WITH ACTUAL SITE CONDITIONS AND FURNITURE.



1 11TH Electrical Power Plan
1/8" = 1'-0"

COUNTY COURTHOUSE, 11TH FLOOR
PARTIAL INTERIOR FINISH OUT
 MIDLAND COUNTY COURTHOUSE



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KEY PLAN

#	DATE	DESCRIPTION
1	05/17/2023	ADDM-01
2	04/10/2023	PERMIT SET

Electrical Power Plan
E-121