

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

500 N. LORAIN ST.
MIDLAND, TX 79701

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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



1700 W. Wall St., Suite 100
Midland, TX 79701
432.697.1447

#	DATE	DESCRIPTION
1	04/10/2023	PERMIT SET

Cover Sheet &
Index

G-001



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Symbols,
Legends &
Abbreviations

G-011

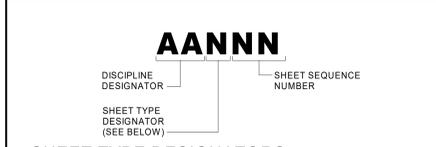
ABBREVIATIONS

Table of abbreviations and their corresponding full names, organized by letter (A-Z).

GENERAL DRAWING LEGEND

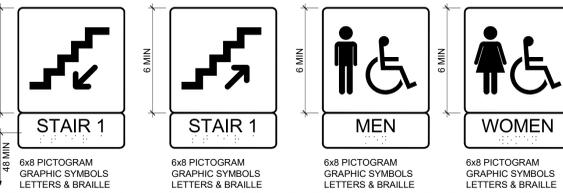
Table of drawing symbols and their meanings, including icons for doors, arrows, section marks, and various lines.

SHEET IDENTIFICATION FORMAT

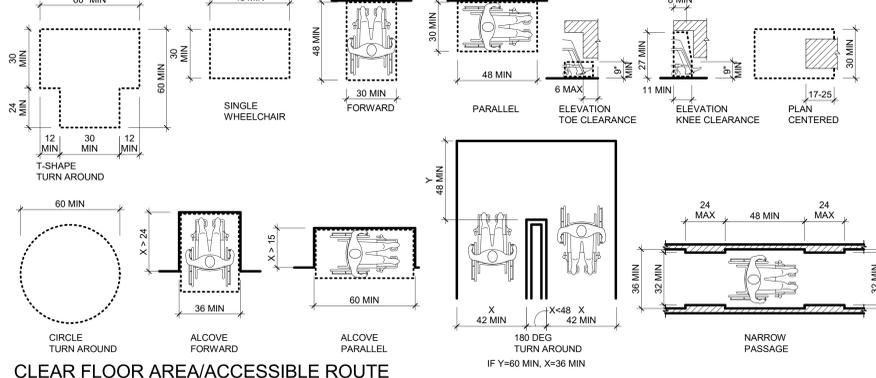


SHEET TYPE DESIGNATORS

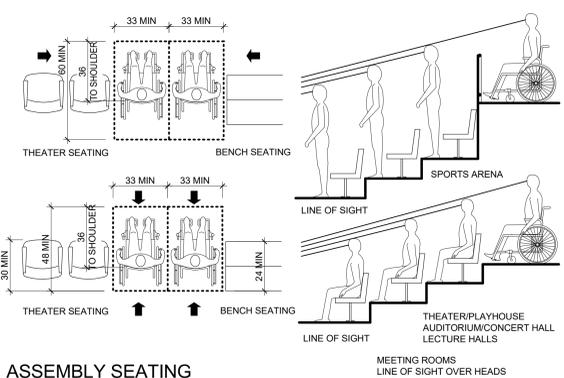
Table of sheet type designators (0-9) and their descriptions, such as General, Plans, Elevations, etc.



EXAMPLE SIGNAGE - SEE STANDARD ACCESSIBLE MOUNTING HEIGHT
REFER TO SIGNAGE PACKAGE OR DETAILS FOR ACTUAL SIGNAGE SPECIFIED

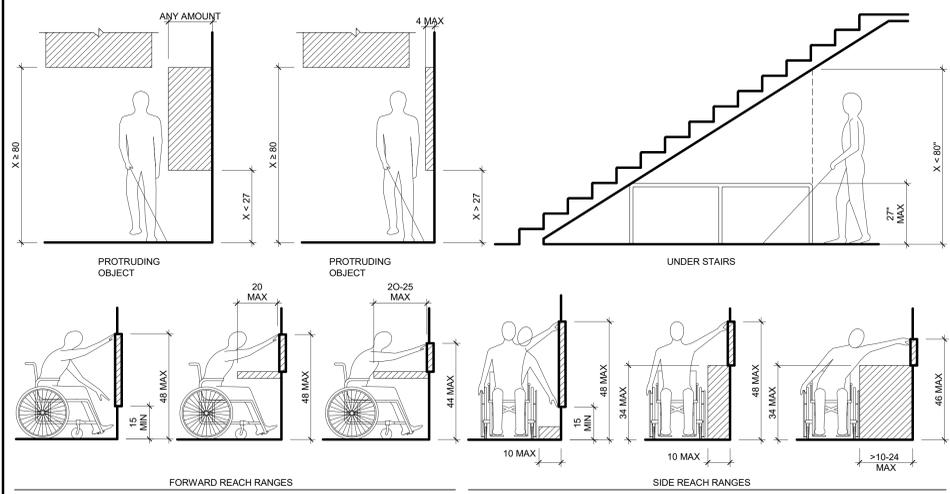


CLEAR FLOOR AREA/ACCESSIBLE ROUTE



ASSEMBLY SEATING

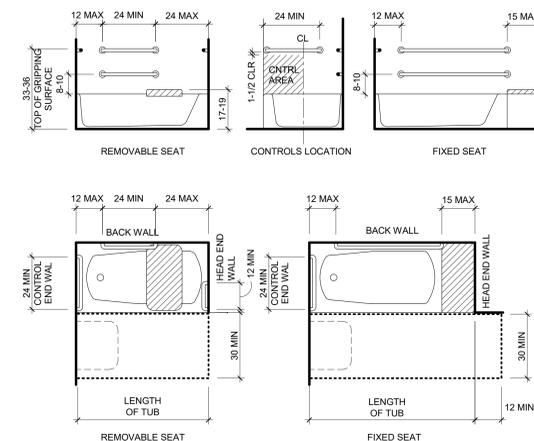
CHILDREN'S MOUNTING HEIGHTS & REACH RANGES	AGES: 3 AND 4	AGES: 5 THROUGH 8	AGES: 9 THROUGH 12
	REACH RANGES HIGH LOW	36 20	40 18
RAMP AND STAIRS TOP OF HANDRAIL GRIPPING SURFACE	28 MAX	28 MAX	28 MAX
WATER CLOSETS WATER CLOSET CENTERLINE GRAB BARS DISPENSER HEIGHT	12 18-20 14	12-15 20-25 14-17	15-18 25-27 17-19
FIXED OR BUILT-IN SEATING AND TABLES, READING AND STUDY AREAS, AND WORK STATIONS HEIGHT OF TABLES OR COUNTERS KNEE CLEARANCE	AGES: 5 & YOUNGER	AGES: 6-12	26-30 MAX 24 MIN
	PARALLEL APPROACH ALLOWED		



PROTRUDING OBJECT PROTECTION/REACH RANGES

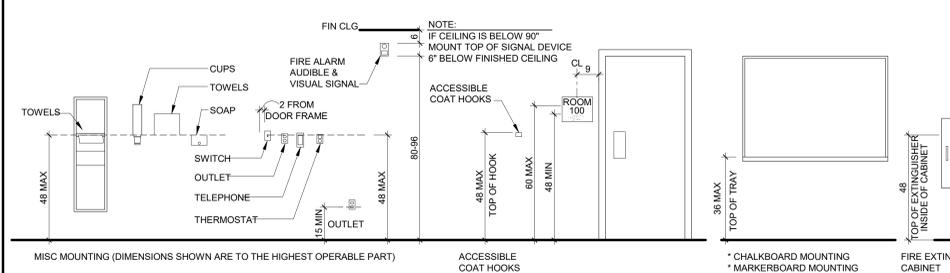
CHANGES IN LEVEL

TUBS

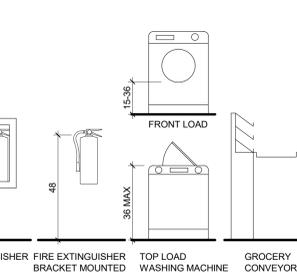


SHOWERS

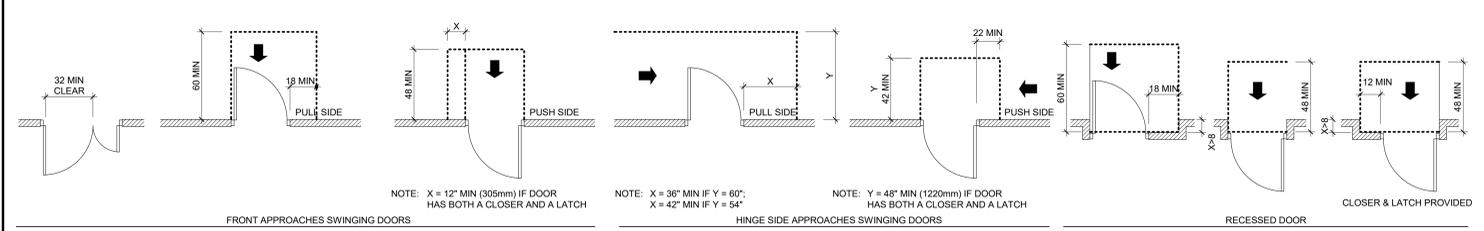
NOTE: REFER TO "CHANGES IN LEVEL" DETAILS FOR SHOWER THRESHOLDS



STANDARD ACCESSIBLE MOUNTING HEIGHTS



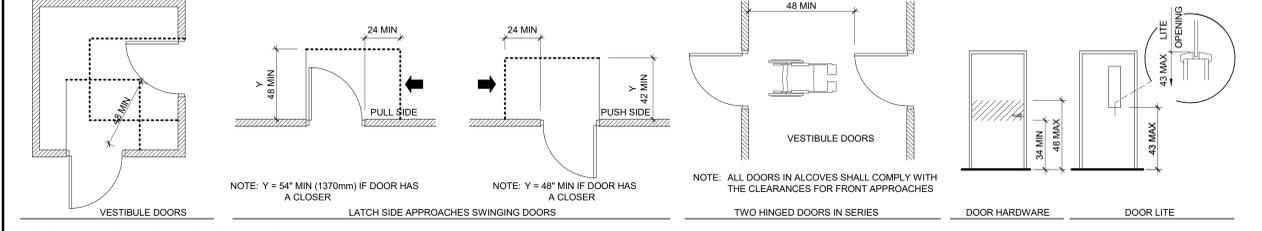
TYPICAL TOILET STALLS



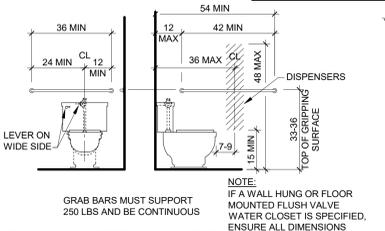
TYPICAL DOOR CLEARANCES

REFLECTIVE SURFACE

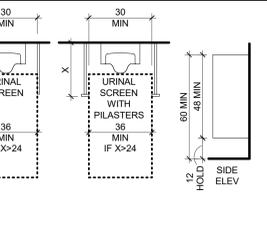
EWC/DRINKING FOUNTAINS



TYPICAL WATER CLOSETS



URINALS



LAVATORIES

GENERAL NOTES

- ACCESSIBILITY GUIDELINE SHEETS ARE BASED ON THE 2010 TEXAS ACCESSIBILITY STANDARDS (TAS).
- ACCESSIBILITY GUIDELINE SHEETS ARE FOR INFORMATIONAL PURPOSES ONLY AND INTENDED TO SERVE AS A GUIDE FOR CONSTRUCTION PROFESSIONALS AND OWNERS.
- SOME OF THE INFORMATION AND PICTOGRAPHS SHOWN MAY NOT BE APPLICABLE TO THIS PROJECT.
- REFER TO PLUMBING SHEETS FOR PLUMBING FIXTURE MOUNTING HEIGHTS.
- GRAPHICS SHOWN ARE FOR ADULTS.

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DATE DESCRIPTION



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Life Safety and
Code Information

G-101

GENERAL CONSTRUCTION INFORMATION

APPLICABLE CODES:

BUILDING	IBC 2018
PLUMBING	IPC 2018
MECHANICAL	IMC 2018
ELECTRICAL	NEC 2017
FIRE	IFC 2015
ENERGY	IECC 2015
ACCESSIBILITY	2012 TAS
OTHER	-

EGRESS

TOTAL OCCUPANT LOAD FOR 11TH FLOOR	258
TOTAL OCCUPANT LOAD EGRESS WILL ACCOMMODATE	340
REQUIRED CAPACITY BASED ON OCCUPANT LOAD (IN) 258 x 0.2 (SECTION 1005.3.1 STAIRWAYS)	52 INCHES
258 x 0.2 (SECTION 1005.3.2 OTHER EGRESS COMPONENTS)	52 INCHES
PROVIDED CAPACITY (INCHES)	68 INCHES
STAIRWAYS	NA INCHES
OTHER EGRESS COMPONENTS	NA INCHES

MAXIMUM ALLOWABLE TRAVEL DISTANCE	300 FEET
LONGEST TRAVEL DISTANCE	168 FEET
MAXIMUM DEAD END LIMIT	50 FEET
MAXIMUM DEAD END LIMIT PROVIDED	NA FEET
COMMON PATH OF EGRESS TRAVEL	100 FEET
COMMON PATH OF EGRESS TRAVEL PROVIDED	57 FEET

TWO EXITS REQUIRED WHERE OCCUPANT LOAD EXCEEDS	49
--	----

MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD	
1-500	2 EXITS
501-1000	3 EXITS
MORE THAN 1000	4 EXITS

FIRE PROTECTION RQMTS (TAB 601)

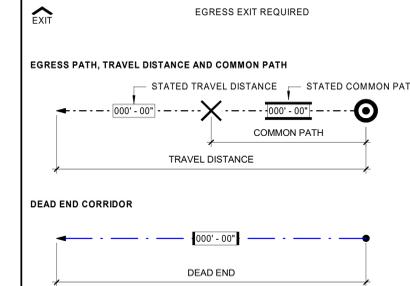
CONSTRUCTION TYPE: TYPE I-B
AUTOMATIC FIRE SPRINKLER SYSTEM: YES

BUILDING ELEMENT PROTECTION	
PRIMARY STRUCTURAL FRAME (SEE SECTION 202)	2 HOUR(S)
BEARING WALLS	
EXTERIOR	2 HOUR(S)
INTERIOR	2 HOUR(S)
NONBEARING WALLS AND PARTITIONS (TABLE 602)	
EXTERIOR	0 HOUR(S)
INTERIOR	0 HOUR(S)
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (SEE SECTION 202)	
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS (SEE SECTION 202)	2 HOUR(S)
CORRIDORS (TABLE 1020.1)	1 HOUR(S)
CORRIDORS (TABLE 1020.1)	
PERIMETER CONTAINMENT	
METAL STUD FLY BY	SYSTEM
METAL STUD BEARING	SYSTEM
CURTAINWALL	SYSTEM
STOREFRONT	SYSTEM

OCCUPANT LOAD TABLE (2018, 2021)

FUNCTION OF SPACE (1004.5)	OCC PER SF
ACCESSORY STORAGE AREAS, MECHANICAL, EQUIPMENT ROOM	300 GROSS
AGRICULTURE BUILDING	300 GROSS
AIRCRAFT HANGAR	500 GROSS
AIRPORT TERMINAL	
BAGGAGE CLAIM	20 GROSS
BAGGAGE HANDLING	300 GROSS
CONCOURSE	100 GROSS
WAITING AREAS	15 GROSS
ASSEMBLY	
GAMING FLOORS (KENO, SLOTS, ETC.)	11 GROSS
EXHIBIT GALLERY AND MUSEUM	30 NET
ASSEMBLY W/ FIXED SEATS	SEE SECTION 1004.6
ASSEMBLY W/O FIXED SEATS	
CONCENTRATED (CHAIRS ONLY-NOT FIXED)	7 NET
STANDING SPACE	5 NET
UNCONCENTRATED (TABLES AND CHAIRS)	15 NET
BOWLING CENTERS, ALLOW 5 PERSONS FOR EACH LANE INCLUDING 15 FEET OF RUNWAY, AND FOR ADDITIONAL AREAS	7 NET
BUSINESS AREAS	150 GROSS
CONCENTRATED BUSINESS USE AREA	SEE SECTION 1004.8
COURT ROOMS-OTHER THAN FIXED SEATING AREAS	40 NET
DAY CARE	35 NET
DORMITORIES	50 GROSS
EDUCATIONAL	
CLASSROOM AREA	20 NET
SHOPS AND OTHER VOCATIONAL ROOM AREAS	50 NET
EXERCISE ROOMS	50 GROSS
H-S FABRICATION AND MANUFACTURING AREAS	200 GROSS
INDUSTRIAL	100 GROSS
INSTITUTIONAL AREAS	
INPATIENT TREATMENT AREAS	240 GROSS
OUTPATIENT AREAS	100 GROSS
SLEEPING AREAS	120 GROSS
KITCHENS, COMMERCIAL	200 GROSS
LIBRARY	
READING ROOM	50 NET
STACK AREA	100 GROSS
LOCKER ROOMS	50 GROSS
MALL BUILDINGS - COVERED AND OPEN	SEE SECTION 402.8.2
MERCANTILE	
AREAS ON OTHER FLOORS	60 GROSS
STORAGE, STOCK, SHIPPING AREAS	300 GROSS
PARKING GARAGES	200 GROSS
RESIDENTIAL	200 GROSS
SKATING RINKS, SWIMMING POOLS	
RINK AND POOL	50 GROSS
DECKS	15 GROSS
STAGES AND PLATFORMS	15 NET
WAREHOUSES	500 GROSS

LEGEND



ABBREVIATIONS

200'	DISTANCE BETWEEN EXITS
EW+36"	EXIT WIDTH PROVIDED AT SPECIFIC EXIT
GSF	GROSS SQUARE FOOT
NSF	NET SQUARE FOOT
FEC	FIRE EXTINGUISHER CABINET
TD	TRAVEL DISTANCE
CP	COMMON PATH OF TRAVEL
(M)DBE	(MINIMUM) DISTANCE BETWEEN EXITS
OL	OCCUPANT LOAD
	TOTAL FLOOR AREA (SF)
	FUNCTION OF SPACE (TABLE 1004.1.2)
	CALCULATED OCCUPANT LOAD OF SPACE
	EGRESS WIDTH FACTOR (SECTION 1005.3.1 FOR STAIRS; 1005.3.2 FOR OTHERS)
	MINIMUM EGRESS WIDTH REQUIRED (INCHES)
	EGRESS WIDTH PROVIDED (INCHES)
	NUMBER OF EXITS (IF MORE THAN 1)
	FLOOR AREA (SF) PER OCCUPANT (TABLE 1004.1.2)
	TOTAL FLOOR AREA (SF)
	FUNCTION OF SPACE (TABLE 1004.1.2)
	OCCUPANCY CLASSIFICATION AND USE
	CALCULATED OCCUPANT LOAD OF SPACE
	EGRESS WIDTH FACTOR (SECTION 1005.3.1 FOR STAIRS; 1005.3.2 FOR OTHERS)
	MINIMUM EGRESS WIDTH REQUIRED (INCHES)
	EGRESS WIDTH PROVIDED (INCHES)
	NUMBER OF EXITS (IF MORE THAN 1)
	FLOOR AREA (SF) PER OCCUPANT (TABLE 1004.1.2)
	CALCULATED OCCUPANT LOAD
	EGRESS WIDTH FACTOR (SECTION 1005.3.1 FOR STAIRS; 1005.3.2 FOR OTHERS)
	EGRESS WIDTH PROVIDED (INCHES)
	NUMBER OF EXITS (IF MORE THAN 1)
	MINIMUM EGRESS WIDTH REQUIRED (INCHES)

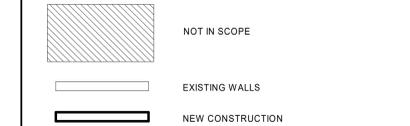
PLUMBING FIXTURE RQMTS - TABLE 403.1

IPC 2015

CLASSIFICATION: B

	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	SERVICE SINK
REQUIRED	MALE	FEMALE	MALE	FEMALE		
PROVIDED	4	4	3	3	3	1
	5	5	4	4	2	1

LEGEND



GENERAL NOTES

- UL ASSEMBLIES INDICATED ESTABLISH BASIS PERFORMANCE. OTHER ASSEMBLIES MAY BE CONSIDERED AT DISCRETION OF ARCHITECT IF EQUIVALENT PERFORMANCE IS PROVIDED. SUBSTITUTION PROPOSALS SHALL INCLUDE CHANGES REQUIRED TO COMPONENTS OF ASSEMBLY.
- RATED ASSEMBLIES TO BE IDENTIFIED ABOVE CEILING AS REQUIRED BY LOCAL CODE AND THE AHJ.
- FIRE EXTINGUISHERS, (IFC SECTION 906 AND NFPA 10, CHAPTER 6 AND TABLE 6.2.1.1)
 - BUSINESS OCCUPANCY
 - CLASS A - LIGHT HAZARD OCCUPANCY
 - MAXIMUM FLOOR AREA FOR UNIT - 11,250 SF
 - MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER - 75 FT.





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Architectural /
Interior Legends
A-001

FLOOR PLAN LEGEND

	CONCRETE WALL
	FACE BRICK
	CMU WALL
	MASONRY CONTROL JOINT
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED
	NEW STUD WALL
	NEW PARTIAL HEIGHT WALL
	GLAZING SYSTEM
	WIRE MESH OR FABRIC PARTITION
	CORNER GUARD
	END WALL GUARD
	WALL GUARD
	HANDRAIL
	FIRE EXTINGUISHER AND CABINET
	FIRE EXTINGUISHER AND BRACKET
	FURNITURE/EQUIPMENT NIC
	DOWN SPOUT
	FLOOR DRAIN
	DOOR NUMBER
	WINDOW MARK
	LOUVER MARK
	HOLLOW METAL FRAME MARK
	ALUMINUM FRAME MARK
	PARTITION TYPE
	FINISH TAG

RCP LEGEND

	CEILING TRACK
	CONTROL JOINT
	ACCESS PANEL
	SKYLIGHT
	GYP BD CEILING
	SUSPENDED METAL LATH AND PLASTER CEILING
	SUSPENDED ACOUSTICAL CEILING SYSTEM: TYPE A
	SUSPENDED ACOUSTICAL CEILING SYSTEM: TYPE B

INTERIOR LEGEND

	FINISH TAG
	FIXTURES/ FURNITURE/ EQUIPMENT/ SIGNAGE
	NOT IN SCOPE

ROOF LEGEND

	ROOF DRAIN
	OVERFLOW DRAIN
	SLOPE
	ROOF MOUNTED EQUIPMENT
	VENT THROUGH ROOF (VTR)
	SKYLIGHT
	ROOF HATCH

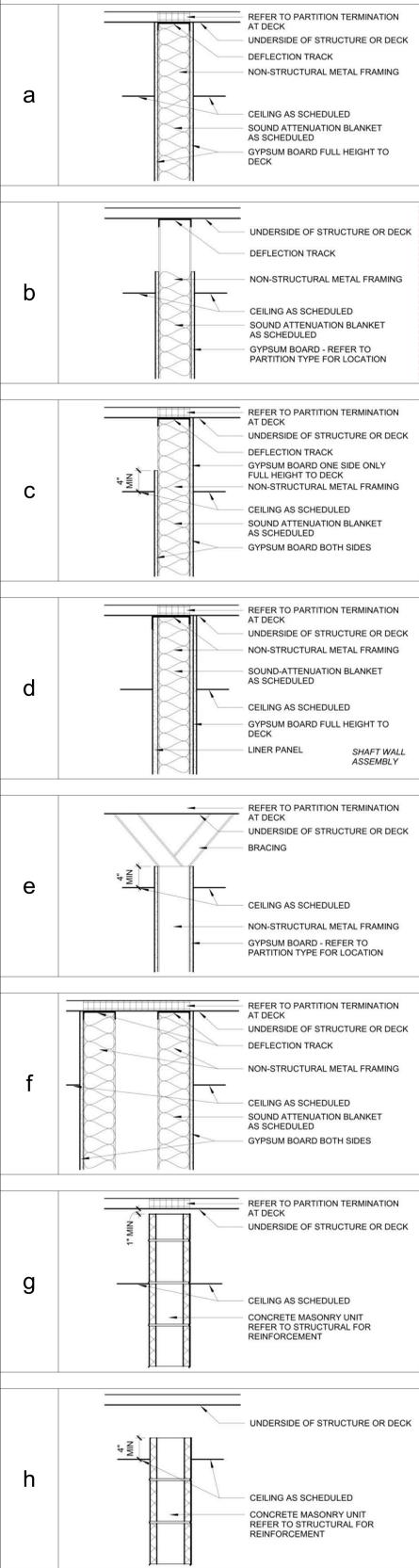
DETAIL LEGEND

	COMPACTED SOIL
	UNDISTURBED SOIL
	STONE/MARBLE
	PLASTER OR STUCCO ON METAL LATH
	STEEL
	CONCRETE IN SECTION
	BRICK
	CMU
	BATT INSULATION
	ACOUSTICAL TILE
	RIGID INSULATION
	WOOD CONTINUOUS
	WOOD DISCONTINUOUS
	PLASTER, SAND OR CEMENT GROUT
	POUROUS FILL, GRAVEL (CAPILLARY WATER BARRIER PAVEMENT BASE)
	TERAZZO (IN SECTION)

INTERIOR PARTITION SCHEDULE

(PLAN)		PARTITION TYPE								
		1	2	3	4	5	6	7	8	
A	<p>METAL FRAMING WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	3 3/4"	3 3/4"	4 7/8"	4 7/8"	7 1/4"	7 1/4"	9 1/4"	9 1/4"
		NON-STRUCTURAL METAL FRAMING	2 1/2"	2 1/2"	3 5/8"	3 5/8"	6"	6"	8"	8"
		SOUND-ATTENUATION BLANKETS		REQ.		REQ.		REQ.	REQ.	REQ.
		UL DESIGN ASSEMBLY	U465	U465	U465		U465	U465	U465	U465
		FIRE RATING (IF REQUIRED BY CODE SHEET)	1 HOUR	1 HOUR	1 HOUR	NR	1 HOUR	1 HOUR	1 HOUR	1 HOUR
		STC RATING	35	48	40	46		51		
B	<p>METAL FRAMING WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	3 1/8"	3 1/8"	4 1/4"	4 1/4"	6 5/8"	6 5/8"	8 5/8"	8 5/8"
		NON-STRUCTURAL METAL FRAMING	2 1/2"	2 1/2"	3 5/8"	3 5/8"	6"	6"	8"	8"
		SOUND-ATTENUATION BLANKETS		REQ.		REQ.		REQ.	REQ.	REQ.
		UL DESIGN ASSEMBLY								
		FIRE RATING (IF REQUIRED BY CODE SHEET)	NR	NR	NR	NR	NR	NR	NR	NR
		STC RATING				34		37		
C	<p>METAL FRAMING WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	5"	5"	6 1/8"	6 1/8"	8 1/2"	8 1/2"	10 1/2"	10 1/2"
		NON-STRUCTURAL METAL FRAMING	2 1/2"	2 1/2"	3 5/8"	3 5/8"	6"	6"	8"	8"
		SOUND-ATTENUATION BLANKETS		REQ.		REQ.		REQ.	REQ.	REQ.
		UL DESIGN ASSEMBLY	U411	U411	U411	U411	U411	U411	U411	U411
		FIRE RATING (IF REQUIRED BY CODE SHEET)	2 HOUR	2 HOUR	2 HOUR					
		STC RATING		57		49		54		
D	<p>SHAFT WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	3 1/8"	3 1/8"	4 5/8"	4 5/8"	6 5/8"	6 5/8"		
		NON-STRUCTURAL METAL FRAMING	2 1/2"	2 1/2"	4"	4"	6"	6"		
		SOUND-ATTENUATION BLANKETS		REQ.		REQ.		REQ.		
		UL DESIGN ASSEMBLY	U499	U499	U499	U499	U499	U499		
		FIRE RATING (IF REQUIRED BY CODE SHEET)	1 HOUR							
		STC RATING	34	42	39	47		53		
E	<p>SHAFT WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	3 3/4"	3 3/4"	5 1/4"	5 1/4"	7 1/4"	7 1/4"		
		NON-STRUCTURAL METAL FRAMING	2 1/2"	2 1/2"	4"	4"	6"	6"		
		SOUND-ATTENUATION BLANKETS		REQ.		REQ.		REQ.		
		UL DESIGN ASSEMBLY	U497	U497	U497	U497	U497	U497		
		FIRE RATING (IF REQUIRED BY CODE SHEET)	2 HOUR							
		STC RATING	39	47		51		53		
F	<p>CHASE WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	PER PLAN							
		NON-STRUCTURAL METAL FRAMING	2 1/2"	2 1/2"	3 5/8"	3 5/8"	6"	6"		
		SOUND-ATTENUATION BLANKETS		REQ.		REQ.		REQ.		
		UL DESIGN ASSEMBLY	V488	V488	V488	V488	V488	V488		
		FIRE RATING (IF REQUIRED BY CODE SHEET)	1 HOUR							
		STC RATING		57		60				
G	<p>MASONRY WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	7 5/8"	11 5/8"						
		CONCRETE MASONRY UNIT	7 5/8"	11 5/8"						
		UL DESIGN ASSEMBLY	U905							
		FIRE RATING WITH PARTIAL FILL CELLS	2 HOUR	4 HOUR						
		STC RATING GROUT FILLED	55	62						
H	<p>MASONRY WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	9 1/8"	9 3/4"	13 1/8"	13 3/4"				
		CONCRETE MASONRY UNIT	7 5/8"	7 5/8"	11 5/8"	11 5/8"				
		NON-STRUCTURAL METAL FRAMING	7/8"	1 1/2"	7/8"	1 1/2"				
		UL DESIGN ASSEMBLY	U914							
		FIRE RATING (IF REQUIRED BY CODE SHEET)	4 HOUR							
		STC RATING	56	56	63	63				
I	<p>EXISTING WALL ASSEMBLY</p>	ASSEMBLY THICKNESS	1 1/2"	2 1/8"	PER PLAN	PER PLAN				
		NON-STRUCTURAL METAL FRAMING	7/8"	1 1/2"	3 5/8"	6"				

ABOVE CEILING CONDITION (SECTION)



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.

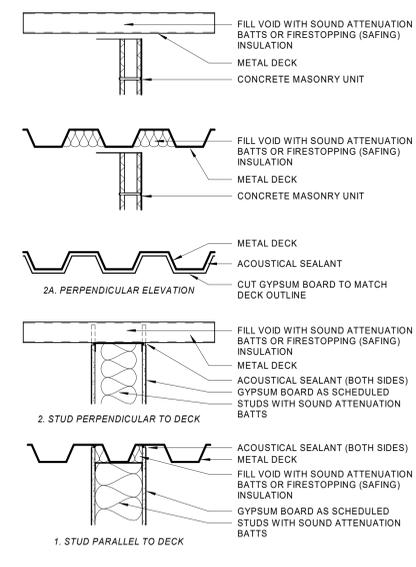
04/10/2023

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- WHERE SOUND-ATTENUATION BLANKETS ARE SCHEDULED:
 - INSTALL ACOUSTICAL SEALANT AT ALL PENETRATIONS PER MANUFACTURER'S INSTRUCTIONS AT TOP AND BOTTOM OF WALLS (BOTH SIDES).
 - PUTTY PADS AT ALL WALL PENETRATIONS INCLUDING ELECTRIC OUTLETS, IT BACK BOXES.
- ALL ASSEMBLY THICKNESSES LISTED IN THE PARTITION TYPES ARE BASED ON 5/8" THICK GYPSUM BOARD. ALTERNATE GYPSUM BOARD THICKNESSES WILL HAVE A DIFFERENT ASSEMBLY THICKNESS. WHERE RATED ASSEMBLY EXTENDS TO STRUCTURE ABOVE, PROVIDE UL APPROVED FIRE RATED HEAD OF WALL ASSEMBLY TO MATCH RATING OF WALL. WALL HEIGHTS EXCEEDING STUD MANUFACTURER'S MAXIMUM (LIMITING) SPAN USING SPFS LATERAL LOADING SHALL BE BRACED TO STRUCTURE ABOVE. (LAY-IN CEILINGS ARE NOT ACCEPTABLE BRACING, HARD CEILINGS ARE ACCEPTABLE).
- "STRUCTURE ABOVE" (AS NOTED IN THE PARTITION CONDITIONS) IS DEFINED AS THE UNDERSIDE OF ONE OR MORE OF THE FOLLOWING:
 - COMPOSITE FLOOR SLAB
 - STAIR TREADS/RISERS
 - METAL ROOF DECK
 - STEEL BEAMS
- IN NO CASE SHALL THE BOTTOM OF STEEL JOISTS BE CONSIDERED BOTTOM OF STRUCTURE ABOVE
- NR = NOT RATED

PARTITION TERMINATION AT DECK



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

04/10/2023 PERMIT SET

DATE DESCRIPTION

Interior Partition
 Schedule
A-002



04/10/2023

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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	04/10/2023	PERMIT SET

**Demolition Plan -
11th Floor**
A-101

GENERAL NOTES

- A. ISOLATE AREAS OCCUPIED BY OWNER OR PUBLIC WITH DUST BARRIERS DURING DEMOLITION AND CONSTRUCTION. EXTEND BARRIERS FROM FLOOR TO DECK AND WALL TO WALL.
- B. PRIOR TO BEGINNING DEMOLITION, SURVEY FACILITY AND NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN ON DRAWINGS.
- C. DEMOLITION WORK INCLUDES, BUT IS NOT LIMITED TO, THOSE ITEMS NOTED. OTHER ITEMS OF MINOR NATURE MAY EXIST WHICH ARE NOT SPECIFICALLY NOTED ON DRAWINGS ARE TO BE REMOVED AS REQUIRED TO PROVIDE ACCESS OR ALLOW ALTERATIONS FOR WORK TO PROCEED. REMOVE FLOOR FINISH AND ADHESIVES IN AFFECTED AREAS AS REQUIRED.
- E. WHERE DEMOLITION EXPOSES SUBSTRATES TO RECEIVE FINISH MATERIALS, PROPERLY REMOVE EXISTING MATERIALS AS REQUIRED AND PREP TO RECEIVE NEW FINISHES.
- F. PROVIDE MEASURES TO PROTECT MATERIAL INDICATED TO REMAIN DURING CONSTRUCTION.
- G. PATCH AND REPAIR ADJACENT SURFACES TO MATCH EXISTING WHERE REQUIRED DUE TO DEMOLITION.
- H. OWNER SHALL HAVE FIRST SALVAGE RIGHTS TO IMPROVEMENTS REMOVED DURING CONSTRUCTION. COORDINATE WITH OWNER PRIOR TO BEGINNING OF PROJECT FOR ITEMS TO BE SALVAGED.
- I. COORDINATE DEMOLITION WORK WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- J. EXISTING CONDITIONS REMAINING ARE TO BE PROTECTED DURING CONSTRUCTION. DAMAGE OCCURRING DURING CONSTRUCTION SHALL BE REPAIRED TO MATCH ORIGINAL CONDITION.
- K. VERIFY WITH OWNER FINAL DISPOSITION OF SALVAGED MATERIAL OR EQUIPMENT REMOVED DURING CONSTRUCTION.

LEGEND

-  NOT IN SCOPE
-  DEMOLITION

DEMOLITION NOTES

- AS INDICATED BY: (E) →
- 901 FRAMING AND FINISHES TO BE REMOVED
 - 902 DOOR TO BE REMOVED, SALVAGE TO OWNER
 - 903 PREPARE TO RECEIVE DOOR; REF DOOR SCHEDULE FOR DOOR SPECIFICATIONS
 - 904 FLOORS TO BE PREPARED FOR NEW FINISH
 - 905 FLOOR FINISH TO BE REMOVED - PREPARE TO RECEIVE NEW FINISHES



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





04/10/2023

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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

04/10/2023 PERMIT SET
DATE DESCRIPTION

**Demolition
Reflected Ceiling
Plan - 11th Floor**

A-102

GENERAL NOTES

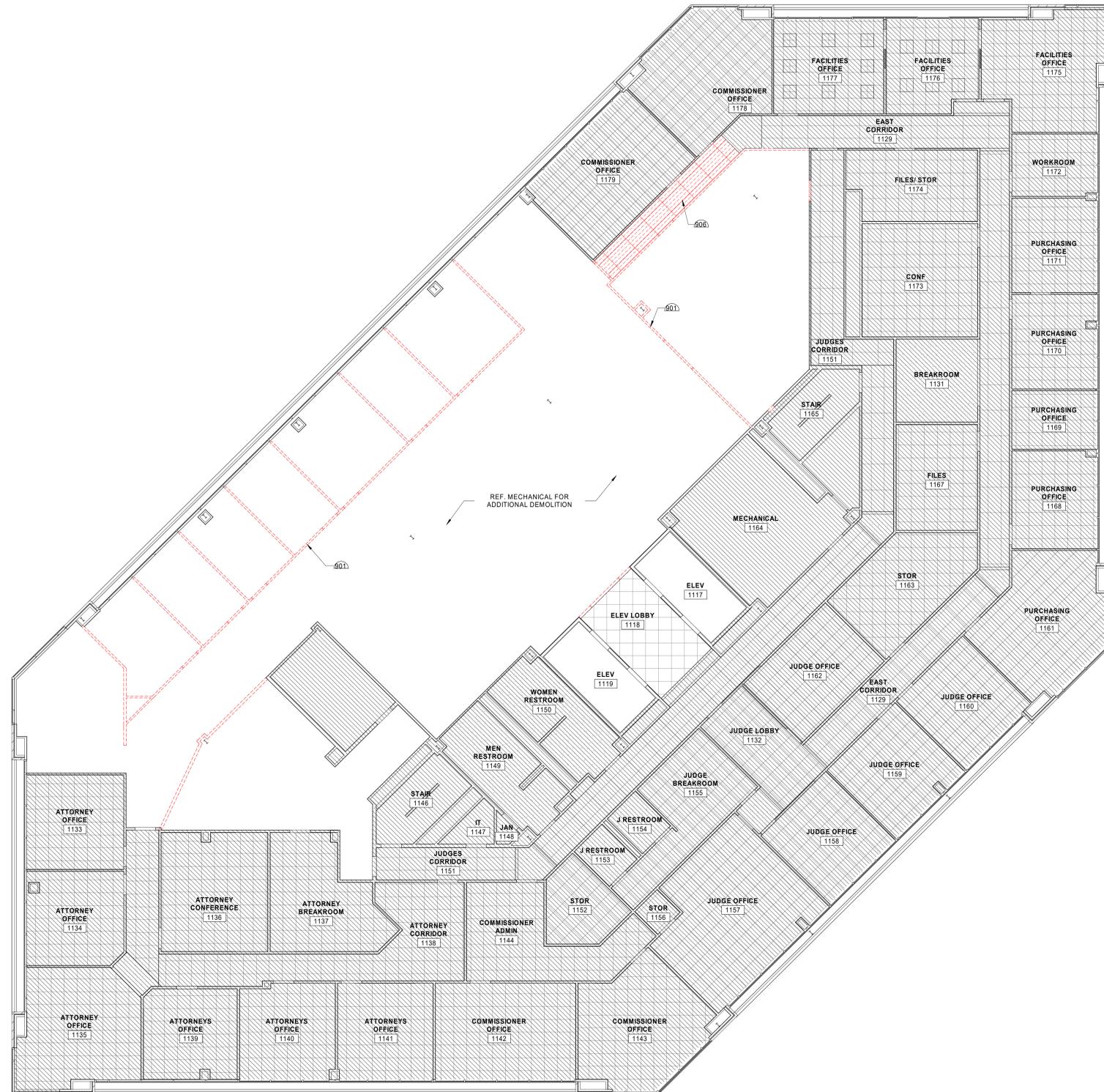
- A. ISOLATE AREAS OCCUPIED BY OWNER OR PUBLIC WITH DUST BARRIERS DURING DEMOLITION AND CONSTRUCTION. EXTEND BARRIERS FROM FLOOR TO DECK AND WALL TO WALL.
- B. PRIOR TO BEGINNING DEMOLITION, SURVEY FACILITY AND NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN ON DRAWINGS.
- C. DEMOLITION WORK INCLUDES, BUT IS NOT LIMITED TO, THOSE ITEMS NOTED. OTHER ITEMS OF MINOR NATURE MAY EXIST WHICH ARE NOT SPECIFICALLY NOTED ON DRAWINGS ARE TO BE REMOVED AS REQUIRED TO PROVIDE ACCESS OR ALLOW ALTERATIONS FOR WORK TO PROCEED. REMOVE FLOOR FINISH AND ADHESIVES IN AFFECTED AREAS AS REQUIRED.
- E. WHERE DEMOLITION EXPOSES SUBSTRATES TO RECEIVE FINISH MATERIALS, PROPERLY REMOVE EXISTING MATERIALS AS REQUIRED AND PREP TO RECEIVE NEW FINISHES.
- F. PROVIDE MEASURES TO PROTECT MATERIAL INDICATED TO REMAIN DURING CONSTRUCTION.
- G. PATCH AND REPAIR ADJACENT SURFACES TO MATCH EXISTING WHERE REQUIRED DUE TO DEMOLITION.
- H. OWNER SHALL HAVE FIRST SALVAGE RIGHTS TO IMPROVEMENTS REMOVED DURING CONSTRUCTION. COORDINATE WITH OWNER PRIOR TO BEGINNING OF PROJECT FOR ITEMS TO BE SALVAGED.
- I. COORDINATE DEMOLITION WORK WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- J. EXISTING CONDITIONS REMAINING ARE TO BE PROTECTED DURING CONSTRUCTION. DAMAGE OCCURRING DURING CONSTRUCTION SHALL BE REPAIRED TO MATCH ORIGINAL CONDITION.
- K. VERIFY WITH OWNER FINAL DISPOSITION OF SALVAGED MATERIAL OR EQUIPMENT REMOVED DURING CONSTRUCTION.

LEGEND

- NOT IN SCOPE
- DEMOLITION

DEMOLITION NOTES

- AS INDICATED BY: FRAMING AND FINISHES TO BE REMOVED
 CEILING TO BE REMOVED



REF. MECHANICAL FOR ADDITIONAL DEMOLITION

A1 11TH FLOOR DEMOLITION REFLECTED CEILING PLAN
1/8" = 1'-0"





04/10/2023

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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

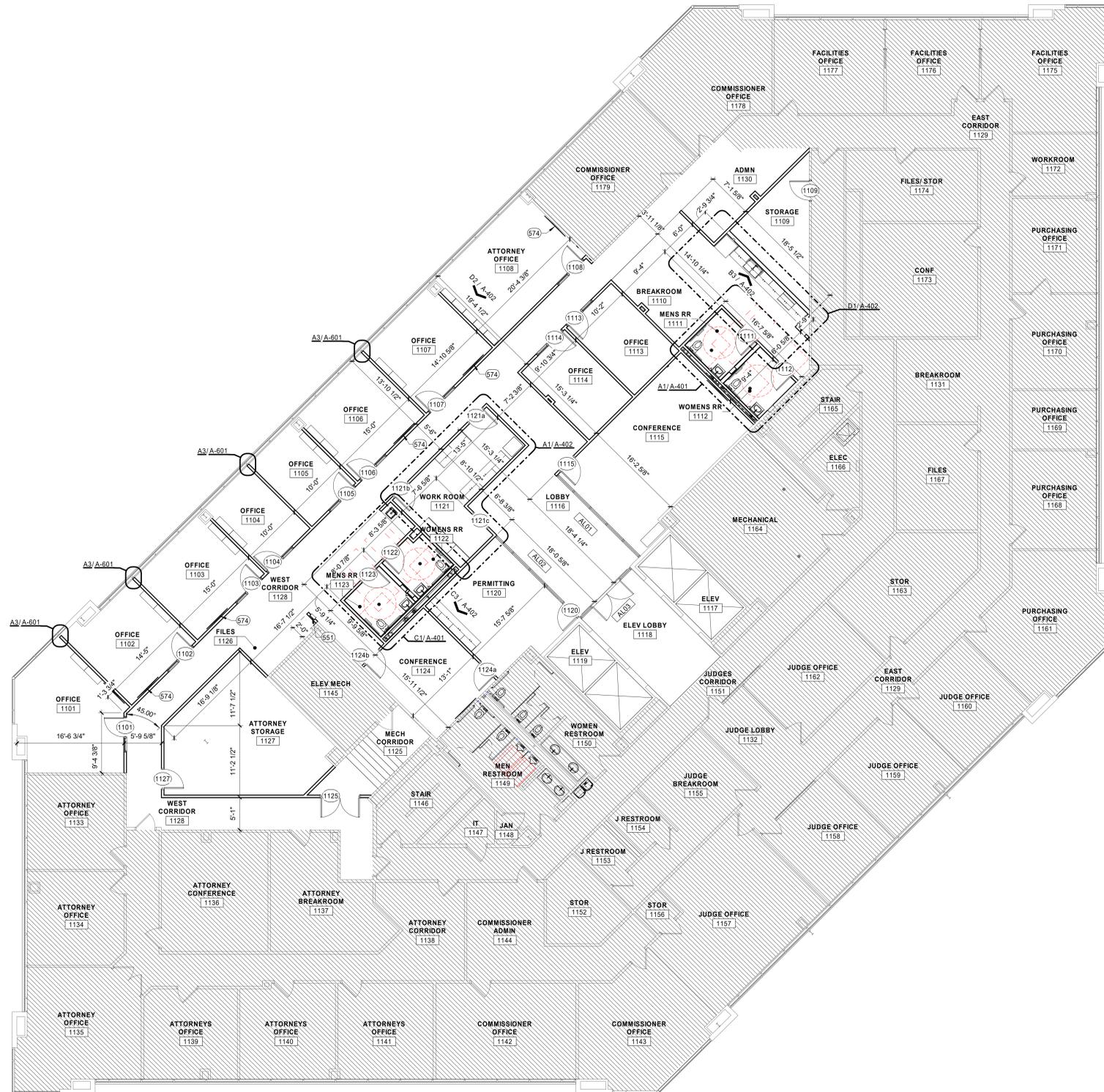
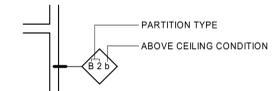
- NOT IN SCOPE
- EXISTING WALLS
- NEW CONSTRUCTION

KEY NOTES

- AS INDICATED BY: (#)
- 551 FEG
- 574 WALL MOUNTED TV, PROVIDE BLOCKING, VERIFY MOUNTING HEIGHT W/ OWNER PRIOR TO INSTALL, OFOI

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. LORAIN ST.
MIDLAND, TX 79701

PROJECT NO.
40451.22

KEY PLAN

DATE	DESCRIPTION
04/10/2023	PERMIT SET

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





04/10/2023

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GENERAL NOTES

- A. DIMENSIONS ARE TO FACE OF STUD, CMU, OR CENTERLINE OF STRUCTURE UNO.
- B. COORDINATE WITH MEP DRAWINGS FOR LOCATIONS OF FIXTURES. LOCATE AS SHOWN ON ARCHITECTURAL PLANS AND DETAILS. NOTIFY ARCHITECT OF CONFLICTS PRIOR TO CONSTRUCTION.
- C. FINAL SPRINKLER HEAD LOCATIONS SHALL BE SET BY FIRE PROTECTION ENGINEER AND APPROVED BY ARCHITECT.
- D. CENTER DEVICES, SPRINKLER HEADS, ETC. IN CEILING TILES UNO.
- E. CEILING HEIGHTS SHALL BE 9'-0" ABOVE FINISHED FLOOR UNO.
- F. REFER TO INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE FOR ADDITIONAL INFORMATION CONCERNING HEIGHTS, CEILING MATERIALS AND FURRED CEILINGS.
- G. AT LOCATIONS OF PERFORATED RETURN AIR GRILLES, WIRING, CABLING, ETC. TO BE HELD CLEAR OF OPEN LINE OF SIGHT THROUGH GRILLE. IN CASES WHERE THIS IS UNAVOIDABLE, ITEMS VISIBLE ABOVE GRILLE ARE TO BE PAINTED FLAT BLACK.
- H. CEILING HEIGHT IN OFFICES ALONG THE BUILDING PERIMETER ARE TO MATCH EXISTING PERIMETER OFFICE CEILING HEIGHTS.



KEY NOTES

AS INDICATED BY: #

LEGEND

- GYPSUM WALL BOARD CEILING
- LAY-IN CEILING

**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
04/10/2023	PERMIT SET

**Reflected Ceiling
Plan - 11th Floor**

A-131

A1 11TH FLOOR - REFLECTED CEILING PLAN
1/8" = 1'-0"





04/10/2023

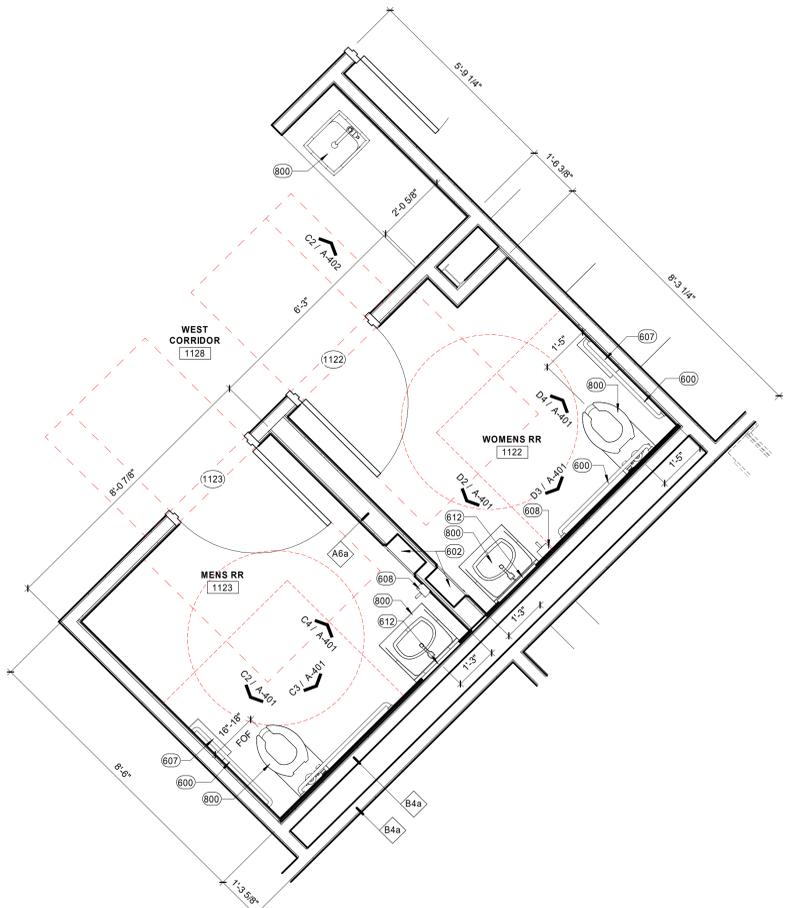
Parkhill.com

GENERAL NOTES

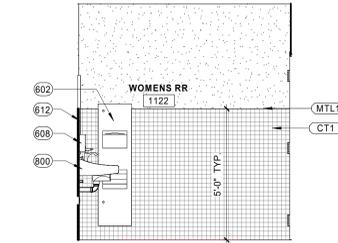
- A. REFER TO ACCESSIBILITY STANDARDS SHEETS FOR TYPICAL MOUNTING HEIGHTS/LOCATIONS FOR TOILET ROOM ACCESSORIES
- B. ALL INTERIOR WALLS ARE A4a UNLESS NOTED OTHERWISE. REFER TO SHEET A-002 FOR INTERIOR PARTITION SCHEDULE
- C. A4 IN INTERIOR WALL TO MATCH EXISTING ADJACENT
- D. ALL EXPOSED EDGES OF SPLASHES TO BE COVERED WITH PLASTIC LAMINATE TO MATCH COUNTERTOP UNLESS NOTED OTHERWISE
- E. SET ALL SPLASHES IN A BEAD OF SILICONE SEALANT PRIOR TO INSTALLATION - SQUEEZE OUT EXCESS SEALANT DURING INSTALLATION AND REMOVE EXCESS SEALANT FROM EXPOSED JOINTS
- F. PROVIDE A FINISHED END IF CASEWORK DOES NOT ABUT A WALL OR END IS EXPOSED

KEY NOTES

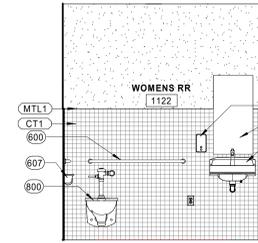
- AS INDICATED BY: (#) →
- 600 GRAB BAR
 - 602 COMBINATION PAPER TOWEL DISPENSER/WASTE RECEPTACLE
 - 607 TL TISSUE DISPENSER
 - 608 SOAP DISPENSER
 - 612 MIRROR, 18"X36"
 - 800 REF PLUMBING



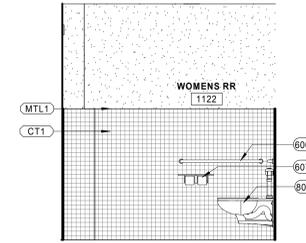
C1 ENLARGED FLOOR PLAN
1/2" = 1'-0"



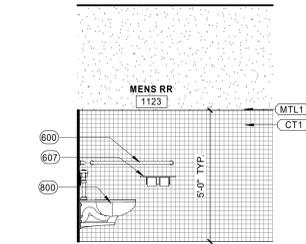
D2 INTERIOR ELEVATION
3/8" = 1'-0"



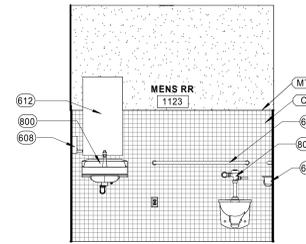
D3 INTERIOR ELEVATION
3/8" = 1'-0"



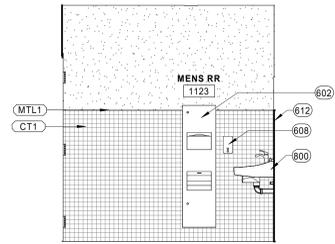
D4 INTERIOR ELEVATION
3/8" = 1'-0"



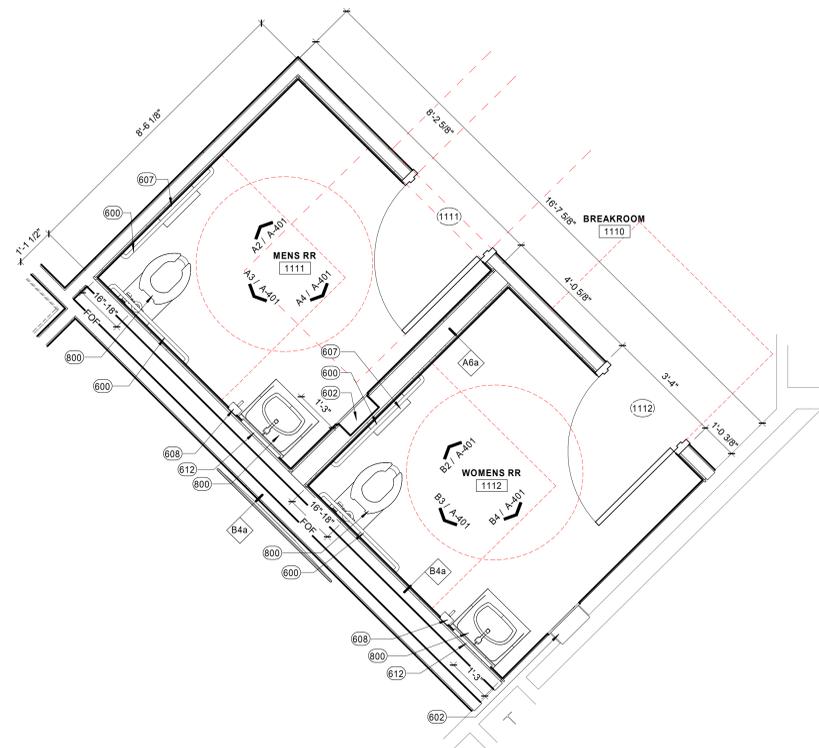
C2 INTERIOR ELEVATION
3/8" = 1'-0"



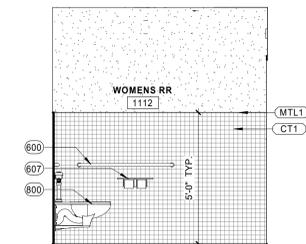
C3 INTERIOR ELEVATION
3/8" = 1'-0"



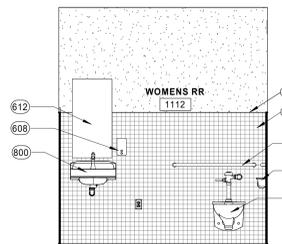
C4 INTERIOR ELEVATION
3/8" = 1'-0"



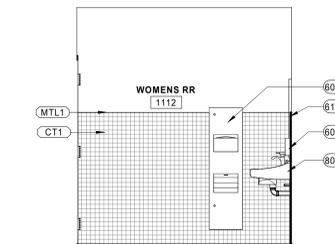
A1 ENLARGED FLOOR PLAN
1/2" = 1'-0"



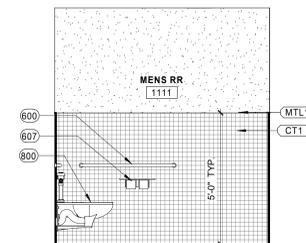
B2 INTERIOR ELEVATION
3/8" = 1'-0"



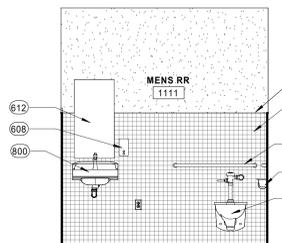
B3 INTERIOR ELEVATION
3/8" = 1'-0"



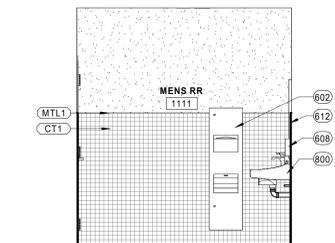
B4 INTERIOR ELEVATION
3/8" = 1'-0"



A2 INTERIOR ELEVATION
3/8" = 1'-0"



A3 INTERIOR ELEVATION
3/8" = 1'-0"



A4 INTERIOR ELEVATION
3/8" = 1'-0"

**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
04/10/2023	PERMIT SET

**Enlarged Plans &
Interior
Elevations
A-401**



04/10/2023

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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

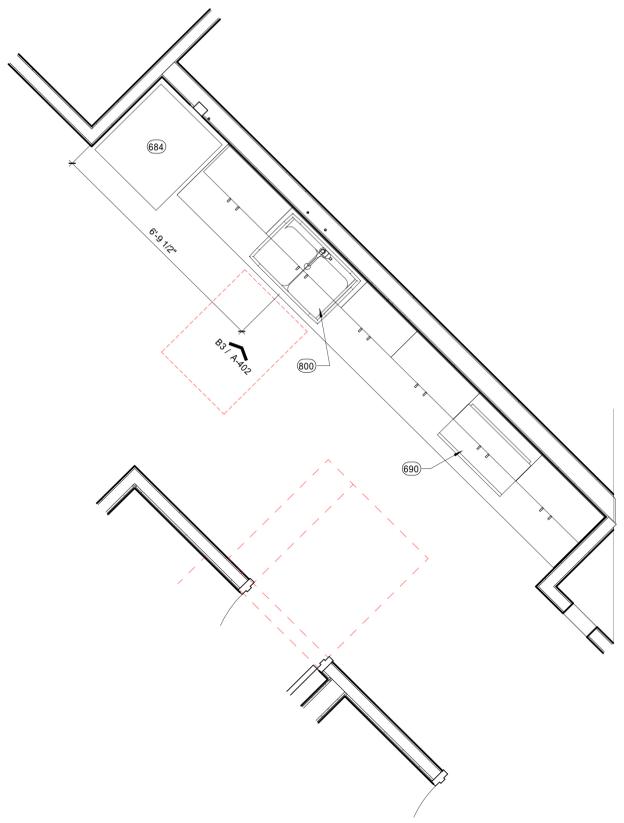
KEY PLAN

GENERAL NOTES

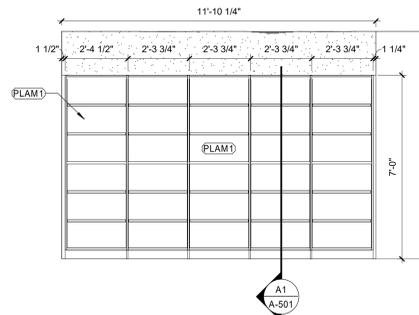
- A. REFER TO ACCESSIBILITY STANDARDS SHEETS FOR TYPICAL MOUNTING HEIGHTS/LOCATIONS FOR TOILET ROOM ACCESSORIES
- B. ALL INTERIOR WALLS ARE A48 UNLESS NOTED OTHERWISE. REFER TO SHEET A-002 FOR INTERIOR PARTITION SCHEDULE
- C. A4 IN INTERIOR WALL TO MATCH EXISTING ADJACENT
- D. ALL EXPOSED EDGES OF SPLASHES TO BE COVERED WITH PLASTIC LAMINATE TO MATCH COUNTERTOP UNLESS NOTED OTHERWISE
- E. SET ALL SPLASHES IN A BEAD OF SILICONE SEALANT PRIOR TO INSTALLATION - SQUEEZE OUT EXCESS SEALANT DURING INSTALLATION AND REMOVE EXCESS SEALANT FROM EXPOSED JOINTS
- F. PROVIDE A FINISHED END IF CASEWORK DOES NOT ABUT A WALL OR END IS EXPOSED.

KEY NOTES

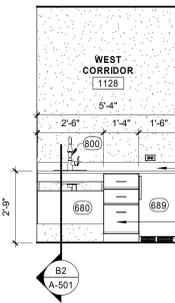
- AS INDICATED BY: (#)
- 313 RACKS SUPPORT WALL BRACKETS
 - 551 FEC
 - 680 MILLWORK
 - 683 COPIER, OFOI
 - 684 WATER DISPENSER, OFOI
 - 685 STORAGE CABINET
 - 686 TRASH CAN, OFOI
 - 687 IT DATA EQUIP RACK, OFOI
 - 688 FILE CABINET, OFOI
 - 689 UNDERCOUNTER REFRIGERATOR, OFOI
 - 690 MICROWAVE, OFOI
 - 800 REF PLUMBING



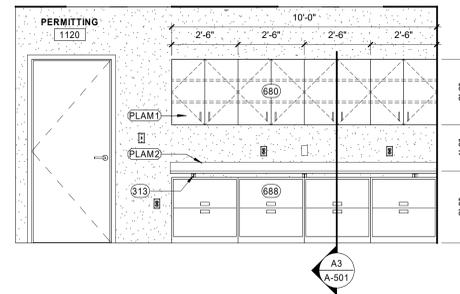
D1 ENLARGED FLOOR PLAN
1/2" = 1'-0"



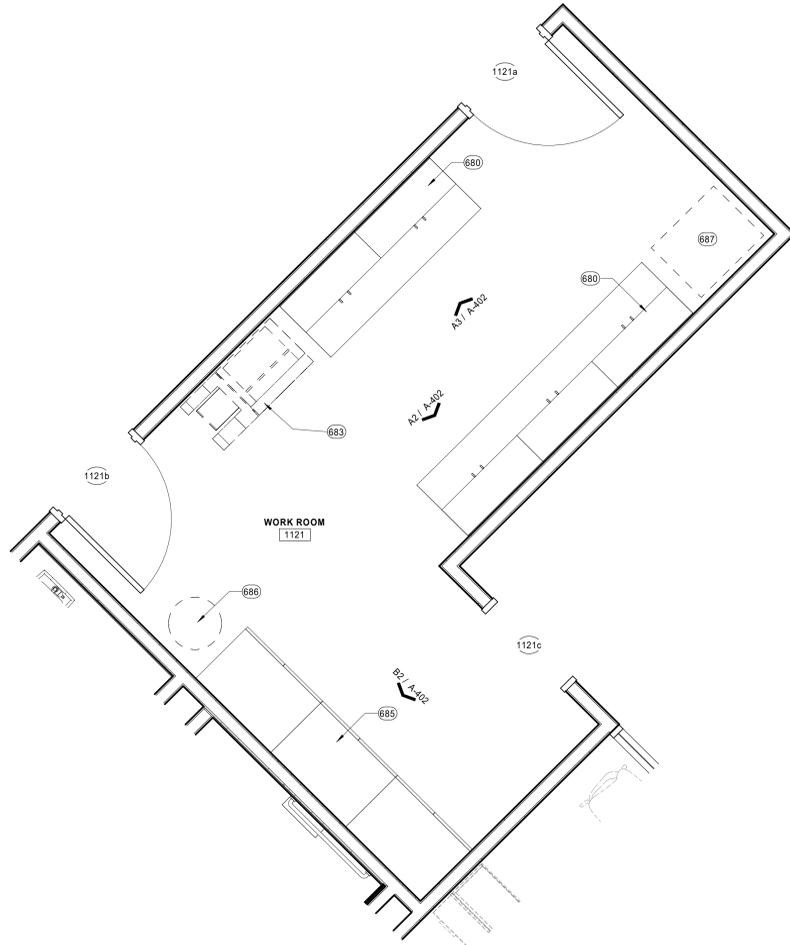
D2 INTERIOR ELEVATION
3/8" = 1'-0"



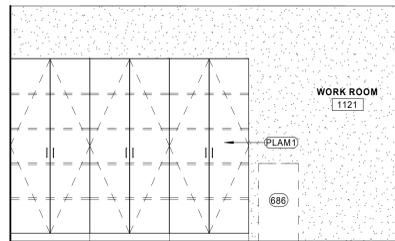
C2 INTERIOR ELEVATION
3/8" = 1'-0"



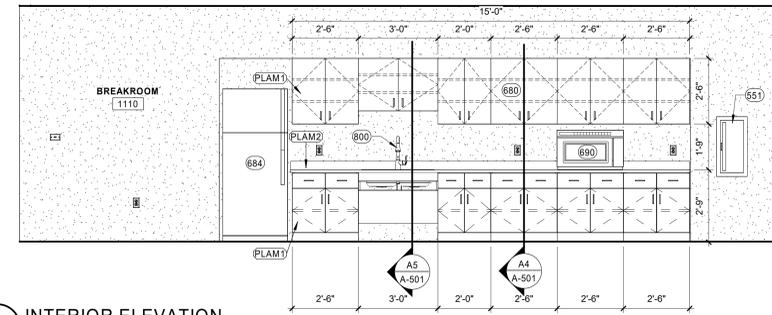
C3 INTERIOR ELEVATION
3/8" = 1'-0"



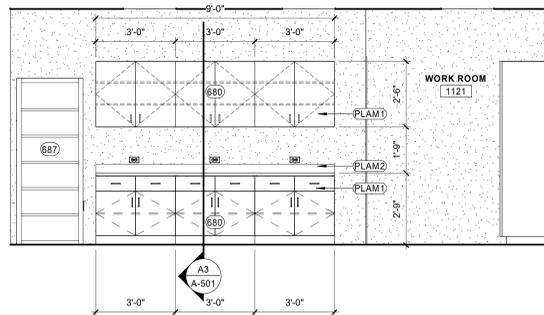
A1 ENLARGED FLOOR PLAN
1/2" = 1'-0"



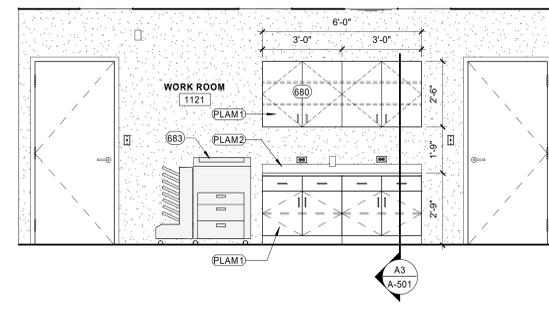
B2 INTERIOR ELEVATION
3/8" = 1'-0"



B3 INTERIOR ELEVATION
3/8" = 1'-0"



A2 INTERIOR ELEVATION
3/8" = 1'-0"



A3 INTERIOR ELEVATION
3/8" = 1'-0"



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

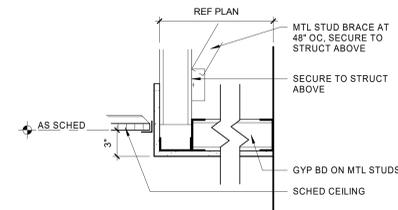
KEY PLAN

04/10/2023 PERMIT SET

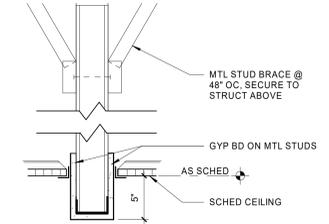
DATE DESCRIPTION

Details

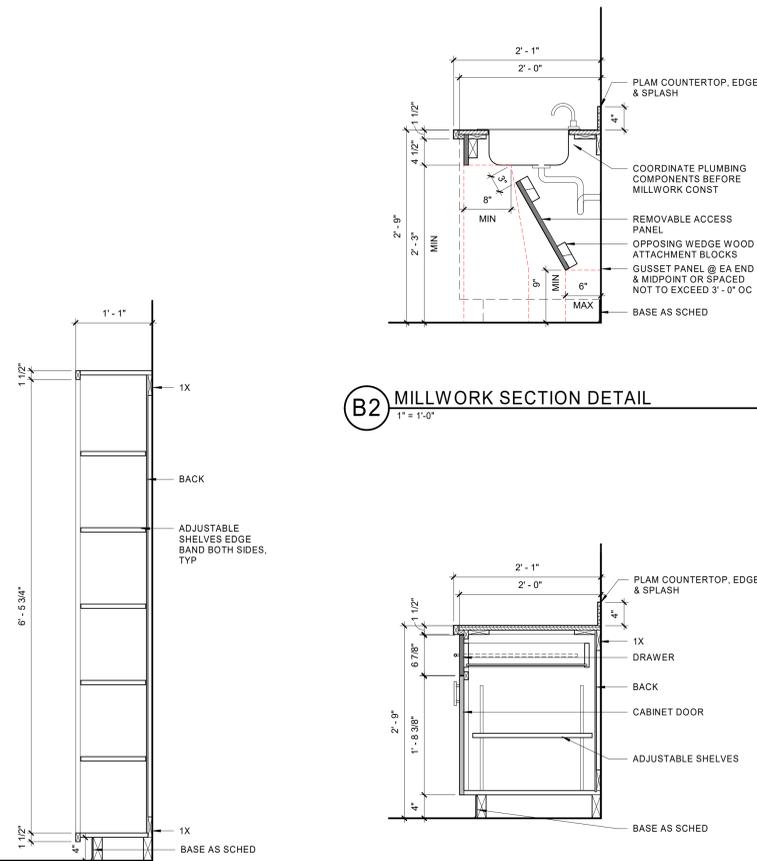
A-501



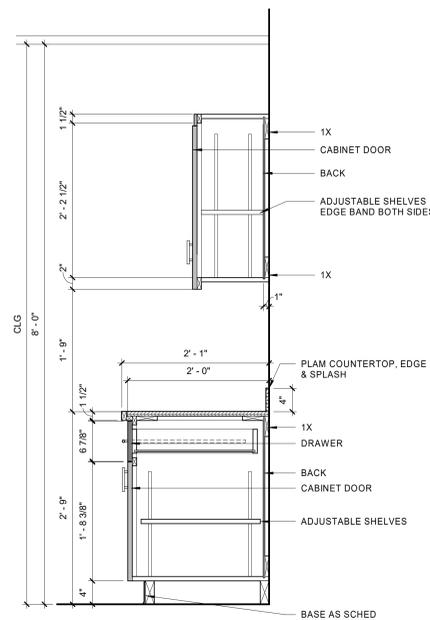
E4 DETAIL
1 1/2" = 1'-0"



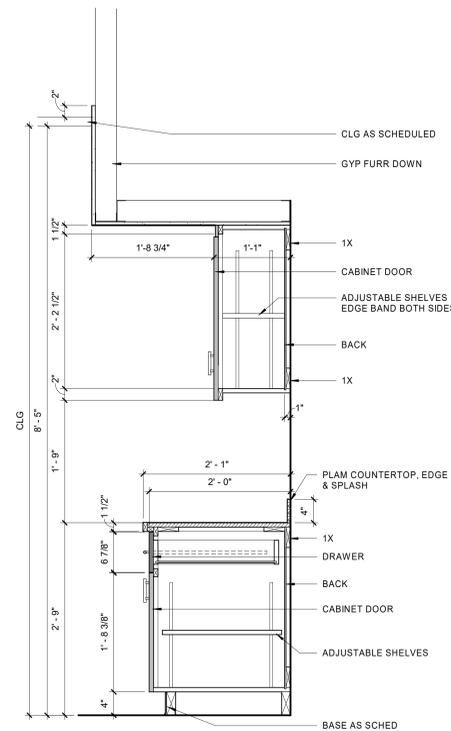
E5 DETAIL
1 1/2" = 1'-0"



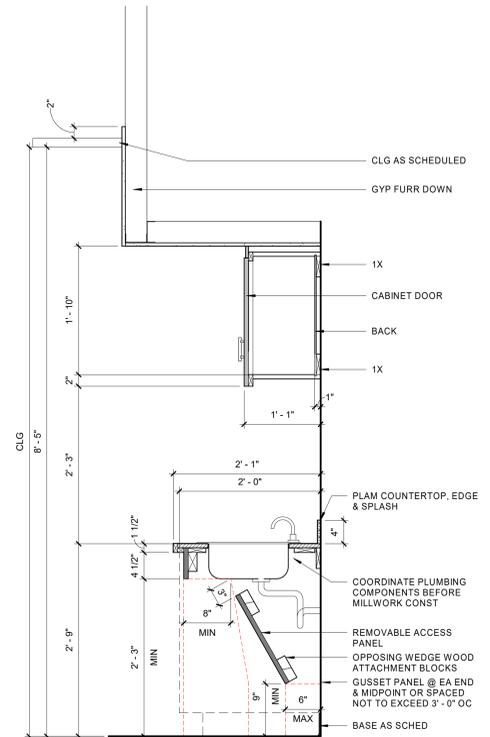
B2 MILLWORK SECTION DETAIL
1" = 1'-0"



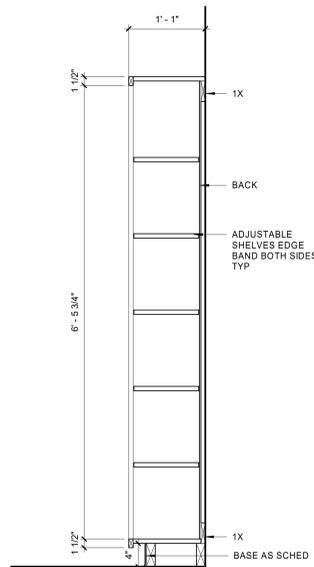
A3 MILLWORK SECTION DETAIL
1" = 1'-0"



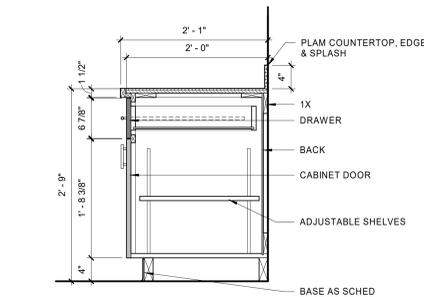
A4 MILLWORK SECTION DETAIL
1" = 1'-0"



A5 MILLWORK SECTION DETAIL
1" = 1'-0"



A1 MILLWORK SECTION DETAIL
1" = 1'-0"



A2 MILLWORK SECTION DETAIL
1" = 1'-0"



04/10/2023

Parkhill.com

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

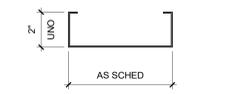
04/10/2023 PERMIT SET

DATE DESCRIPTION

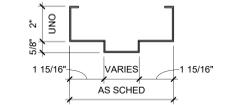
Door & Glazing
Schedule
A-601

DOOR SCHEDULE

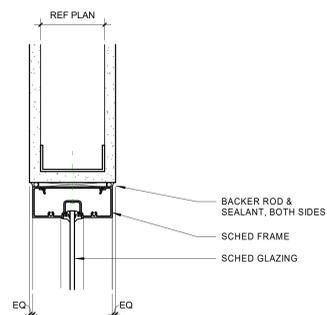
MARK	PR	WIDTH*	HEIGHT*	CONSTR*	TYPE*	GLAZING	FIRE RATING	FRAME	HEAD	JAMB	SILL	REMARKS*
41	-	3'-0"	7'-0"	ALUM	A1	G02		ALUM				
1101	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1102	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1103	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1104	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1105	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1106	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1107	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1108	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1109	-	3'-0"	7'-0"	SCTF	F	NA		HM01	4 3/4"	C3/A-601	B3/A-601	NA
1111	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1112	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1113	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1114	-	3'-0"	7'-0"	SCTF	F	G02		HM04	C3/A-601	B3/A-601	NA	
1115	-	3'-0"	7'-0"	ALUM	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1120	-	3'-0"	7'-10"	ALUM	A1	G02A		ALUM				
1121a	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1121b	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1121c	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C2/A-601	B2/A-601	NA
1122	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1123	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1124a	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1124b	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 1/4"	C3/A-601	B3/A-601	NA
1125	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA
1127	-	3'-0"	7'-0"	SCTF	F	NA		HM01	5 7/8"	C3/A-601	B3/A-601	NA



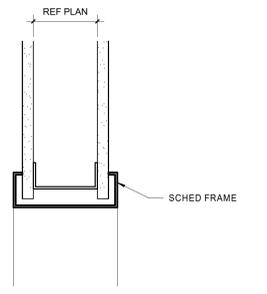
CASED OPENING FRAME



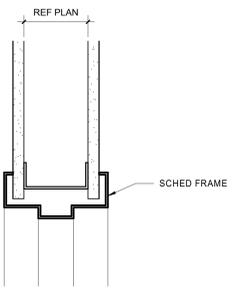
STANDARD FRAME



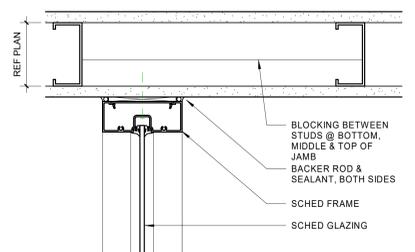
C1 HEAD DETAIL
3" = 1'-0"



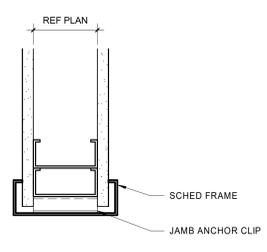
C2 HEAD DETAIL
3" = 1'-0"



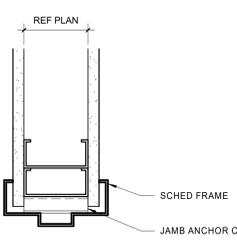
C3 HEAD DETAIL
3" = 1'-0"



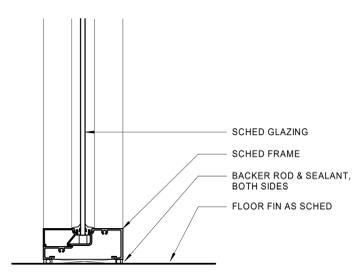
B1 JAMB DETAIL
3" = 1'-0"



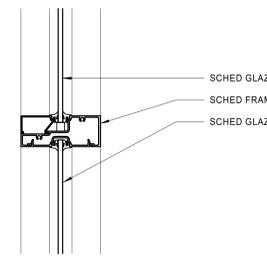
B2 DTL - HM JAMB CSD OPEN
3" = 1'-0"



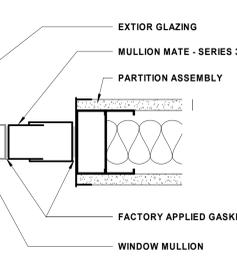
B3 DTL - HM JAMB
3" = 1'-0"



A1 SILL DETAIL
3" = 1'-0"



A2 MULLION DETAIL
3" = 1'-0"



A3 JAMB DETAIL
3" = 1'-0"

DOOR SCHEDULE FOOTNOTES X=EXISTING

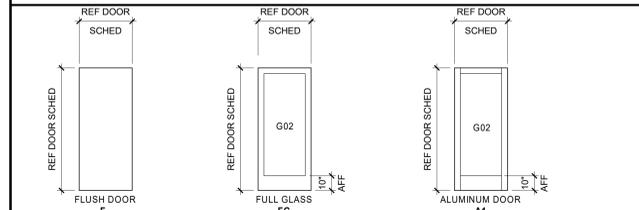
- DOOR SIZE (INDICATED IN INCHES) SIZE INDICATED IS NOMINAL. REDUCTION SHALL BE MADE FOR THRESHOLD & EDGE CLEARANCES. ALL DOORS ARE 1 3/4" THICK UNO.
- DOOR CONSTRUCTION/VENEER (## - REF TO 1001) SCTF = SOLID CORE WOOD, TRANSPARENT FINISH SCPF = SOLID CORE WOOD, PAINT FINISH SCLP = SOLID CORE WOOD, LAMINATED PLASTIC COVER SCIR = SOLID CORE WOOD, IMPACT RESISTANT HM = HOLLOW METAL HMLP = HOLLOW METAL, LAMINATED PLASTIC COVER HMPF = HOLLOW METAL, PAINT FINISH
- 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

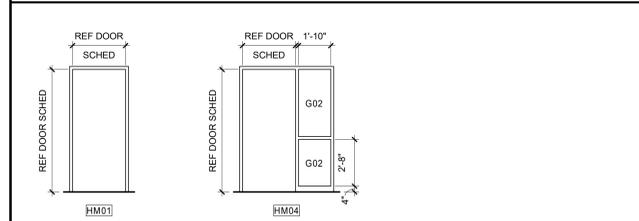
DOOR TYPE SCHEDULE

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.



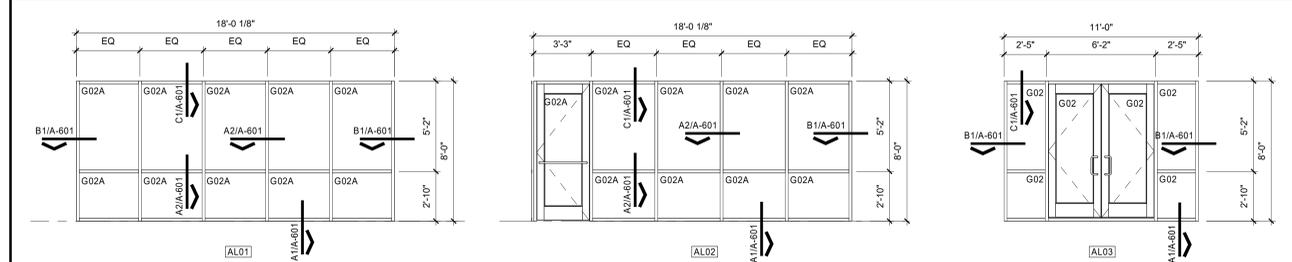
HOLLOW METAL FRAME SCHEDULE HM00

NOTE: FRAME FACES ARE 2" UNO



ALUMINUM FRAME SCHEDULE AL00

NOTE: FRAME FACES ARE 2" UNO



GENERAL NOTES

- 2" ALUMINUM FRAME SCHEDULE NOTES AS NEEDED.



04/10/2023

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GENERAL NOTES

- A. VERIFY AND COORDINATE DIMENSIONAL DISCREPANCIES (NEW AND EXISTING) FROM THIS PLAN WITH THE INTERIOR DESIGNER PRIOR TO CONSTRUCTION.
- B. MATERIALS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT WALLS, FLOORS, AND BASE TO MATCH EXISTING WHERE DEMOLITION OR DAMAGE OCCURS. NEW FINISHES SHALL MATCH THE ADJACENT FLOOR, AND BASE, IN TEXTURE, PATTERN, AND COLOR. INTERIOR DESIGNER SHALL APPROVE FINAL WORK.
- C. PREPARE SUBSTRATES TO RECEIVE NEW FINISHES PER MFR'S GUIDELINES.
- D. REFERENCE INTERIOR MATERIAL LEGEND FOR LIST OF COLORS, PATTERNS AND TEXTURES REQUIRED FOR INTERIOR FINISHES, INCLUDING BOTH FACTORY APPLIED COLORS THAT ARE EXPOSED TO VIEW IN THE FINISHED CONSTRUCTION. WHEN COLOR IS NOT DESIGNATED FOR ITEMS, THE CONTRACTOR SHALL ASK FOR A COLOR SELECTION.
- E. 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.
- F. LENGTH OF FLOORING PRODUCT SHALL BE INSTALLED AS INDICATED BY THE DIRECTION OF ARROWS UNO.
- G. 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.
- H. 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:**
- A. REFERENCE FLOOR FINISH PLAN FOR ALL FLOOR FINISH DESIGNATIONS.
 - B. ELEVATOR CAB SHALL RECEIVE LVT2.
- BASE:**
- A. BASE SHALL BE (RB1) UNO.
 - B. CERAMIC WALL TILE SHALL SERVE AS BASE IN RESTROOMS.
- WALLS:**
- A. DRYWALL WALLS SHALL BE PAINTED (PT1) UNO.
 - B. RESTROOM WALLS SHALL RECEIVE (CT1) FROM FLOOR TO 5'-0" AFF. REFERENCE INTERIOR ELEVATIONS FOR DETAILS.
 - C. EXPOSED WALL TILE EDGES SHALL RECEIVE A METAL EDGE CAP (MTL1).
- CEILING:**
- A. ACOUSTICAL CEILING SHALL BE (ACT1) UNO.
 - B. DRYWALL CEILING SHALL BE PAINTED (PT3) UNO.
 - C. EXPOSED DECK, STRUCTURAL STEEL, MECHANICAL DUCTWORK AND ELECTRICAL CONDUIT SHALL BE PAINTED (PT1) UNO.
- MILLWORK:**
- A. UPPER AND LOWER MILLWORK SHALL BE (PLAM1) UNO.
 - B. COUNTERTOPS SHALL BE (PLAM2) UNO.
- MISCELLANEOUS:**
- A. DOOR AND WINDOW TRIM SHALL BE (PT4).
 - B. HANDRAILS SHALL BE (PT4).
 - C. PAINTED DOORS SHALL BE (PT4) UNO.
 - D. WINDOW STOOLS SHALL BE (PLAM2).

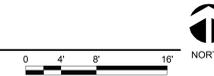
KEY NOTES

- AS INDICATED BY: (#)
- 634 FLOAT NEW LVT FLOOR FOR A SEAMLESS TRANSITION TO EXISTING FLOOR
 - 635 INSTALL LVT FLOORING IN A HERRINGBONE PATTERN. OWNER TO IMPROVE INSTALL PATTERN.



LEGEND

- EXISTING WALLS
- NEW CONSTRUCTION
- NOT IN SCOPE



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

04/10/2023 PERMIT SET

DATE DESCRIPTION

Floor Finish Plan
- 11th Floor

I-111



04/10/2023

Parkhill.com

GENERAL NOTES

- A. VERIFY AND COORDINATE DIMENSIONAL DISCREPANCIES (NEW AND EXISTING) FROM THIS OR ANY PLAN, SECTION OR ELEVATION WITH THE INTERIOR DESIGNER PRIOR TO CONSTRUCTION.
- B. MATERIALS TO REMAIN SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. PATCH AND REPAIR ALL ADJACENT SURFACES TO MATCH EXISTING WHERE DEMOLITION OR DAMAGE OCCURS. NEW FINISHES SHALL MATCH THE ADJACENT SURFACE(S), IN TEXTURE, PATTERN, AND COLOR. INTERIOR DESIGNER SHALL APPROVE FINAL WORK.
- C. PREPARE SUBSTRATES TO RECEIVE NEW FINISHES PER MFR'S GUIDELINES.
- D. REFERENCE THE INTERIOR MATERIAL LEGEND FOR THE COLORS, PATTERNS AND TEXTURES REQUIRED FOR INTERIOR FINISHES, INCLUDING BOTH FACTORY APPLIED COLORS THAT ARE EXPOSED TO VIEW IN THE FINISHED CONSTRUCTION. WHEN COLOR IS NOT DESIGNATED FOR ITEMS, THE CONTRACTOR SHALL ASK FOR A COLOR SELECTION. REFERENCE INTERIOR ELEVATIONS FOR CLARIFICATION OF WALL FINISHES.
- F. 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:**
- A. REFERENCE FLOOR FINISH PLAN FOR ALL FLOOR FINISH DESIGNATIONS.
 - B. ELEVATOR CAB SHALL RECEIVE LVT2.
- BASE:**
- A. BASE SHALL BE (RB1) UNO.
 - B. CERAMIC WALL TILE SHALL SERVE AS BASE IN RESTROOMS.
- WALLS:**
- A. DRYWALL WALLS SHALL BE PAINTED (PT1) UNO.
 - B. RESTROOM WALLS SHALL RECEIVE (CT1) FROM FLOOR TO 5'-0" AFF. REFERENCE INTERIOR ELEVATIONS FOR DETAILS.
 - C. EXPOSED WALL TILE EDGES SHALL RECEIVE A METAL EDGE CAP (MTL1).
- CEILING:**
- A. ACOUSTICAL CEILING SHALL BE (ACT1) UNO.
 - B. DRYWALL CEILING SHALL BE PAINTED (PT3) UNO.
 - C. EXPOSED DECK, STRUCTURAL STEEL, MECHANICAL DUCTWORK AND ELECTRICAL CONDUIT SHALL BE PAINTED (PT1) UNO.
- MILLWORK:**
- A. UPPER AND LOWER MILLWORK SHALL BE (PLAM1) UNO.
 - B. COUNTERTOPS SHALL BE (PLAM2) UNO.
- MISCELLANEOUS:**
- A. DOOR AND WINDOW TRIM SHALL BE (PT4).
 - B. HANDRAILS SHALL BE (PT4).
 - C. PAINTED DOORS SHALL BE (PT4) UNO.
 - D. WINDOW STOOLS SHALL BE (PLAM2).

WALL FINISH LEGEND

1. RESTROOM WALL TILE	
PAIN ABOVE	PT1
METAL TRIM	MTL1
PORCELIN WALL TILE FROM FLOOR TO 5'-0" AFF	CT1

KEY NOTES

- AS INDICATED BY: (B) →
- 636 PATCH, REPAIR AND PAINT TO MAINTAIN EXISTING CONDITIONS



LEGEND

- EXISTING WALLS
- NEW CONSTRUCTION
- NOT IN SCOPE



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

04/10/2023 PERMIT SET

DATE DESCRIPTION

Wall Finish Plan - 11th Floor

I-121



GENERAL FIRE PROTECTION NOTES

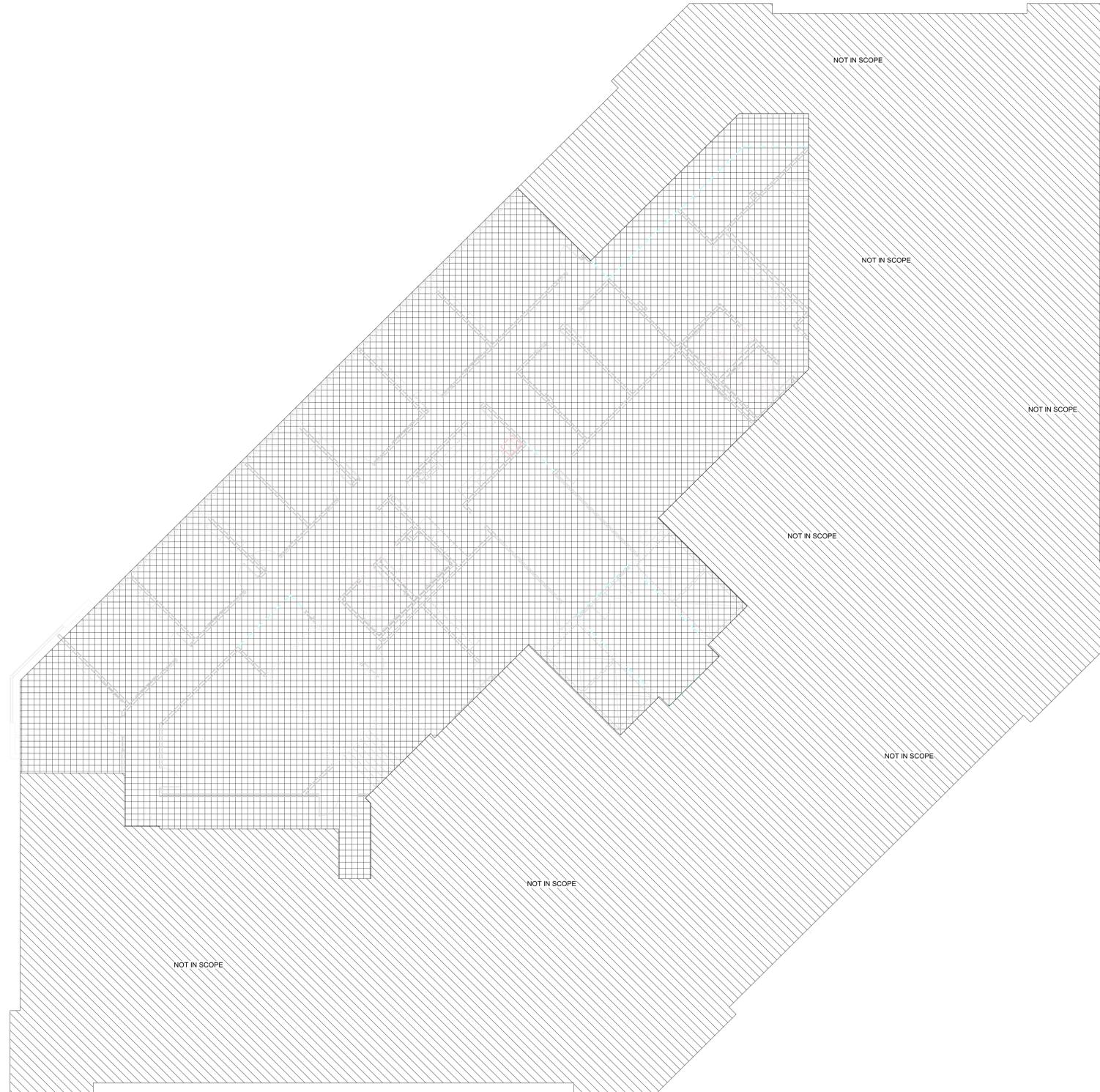
- A. PIPING AND HANGERS SHALL COMPLY WITH CURRENT NFPA STANDARDS, LOCAL CODES AND REQUIREMENTS.
- B. SLOPE ALL PIPING TO ALLOW FOR PIPE DRAINAGE AS REQUIRED.
- C. COORDINATE ALL ROUTING OF PIPING WITH ARCHITECTURAL REFLECTED CEILING PLAN AND ROUTE ALL PIPING AROUND CLEAR STORY AREAS. PROVIDE PROPOSED ROUTING FOR APPROVAL BY ARCHITECT AND/OR MECHANICAL ENGINEER PRIOR TO INSTALLATION.
- D. VERIFY WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATION OF ALL CLERESTORY AREAS CEILING HEIGHTS, HARD/GYF CEILING, AND AREAS THAT ARE EXPOSED TO ROOF DECK.
- E. ONLY MAIN PIPING RUNS ARE SHOWN. CONTRACTOR SHALL FOLLOW THIS ROUTING CLOSE AS POSSIBLE.
- F. CONTRACTOR SHALL ENSURE THAT ALL PIPING IS CONCEALED EXCEPT WHERE PROTECTION OF EXPOSED STRUCTURE IS REQUIRED.
- G. COORDINATE PIPE ROUTING WITH ALL OTHER TRADES: DUCTWORK, HVAC PIPING, AND PLUMBING PIPING HAVE PRIORITY OVER SPRINKLER PIPING. RE-ROUTE SPRINKLER PIPING AS REQUIRED TO PREVENT CONFLICT.
- H. ENSURE SPRINKLER HEADS AND PIPING IN LAN OR ELECTRICAL ROOMS ARE NOT LOCATED DIRECTLY OVER AND EQUIPMENT.
- I. GENERAL ROUTING OF FIRE MAINS ARE SHOWN COORDINATE WITH OTHER TRADES.
- J. FINAL SYSTEM DESIGNER SHALL OBTAIN ACTUAL TESTED WATER VOLUME AND PRESSURE FOR INCOMING WATER SUPPLY FOR ALL HYDRAULIC CALCULATIONS USED FOR THE SPRINKLER SYSTEM DESIGN. "ESTIMATED" OR "MUNICIPALITY CALCULATED DATA" IS NOT ALLOWED TO BE USED FOR FINAL HYDRAULIC CALCULATIONS. THE ONUS IS ON THE LICENSED FIRE SPRINKLER SYSTEM DESIGNER/CONTRACTOR TO OBTAIN ACCURATE AVAILABLE WATER VOLUME AND PRESSURE AT THE SITE. BEFORE A/E WILL REVIEW SUBMITTALS, FIRE PROTECTION DESIGNER MUST PROVIDE DOCUMENTATION THAT THE AHJ HAS APPROVED AND SUBMIT ANY CHANGES TO THE DESIGN THAT THE AHJ WILL ACCEPT.
- K.

FIRE PROTECTION PIPING NOTES

- A. THE AREAS INDICATED (SHOWN HATCHED) SHALL BE FULLY SPRINKLED. THE ENTIRE PROTECTION SYSTEM SHALL MEET ALL FEDERAL, STATE AND LOCAL CODES AND ORDINANCES, AND MUST BE APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION AND INSURANCE SERVICES. CONTRACTOR TO FIELD VERIFY ALL EXISTING FIRE SPRINKLER PIPING. CONTRACTOR SHALL MODIFY ANY EXISTING FIRE SPRINKLER PIPING MAINS AND/OR RUNOUTS THAT INTERFERE WITH THE INSTALLATION OF ANY NEW CEILING. REFER TO THE ARCHITECTURAL REFLECTIVE CEILING PLANS FOR TYPES OF CEILING AND CEILING HEIGHTS.
- B. REFER TO THE FIRE PROTECTION SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING THE FIRE PROTECTION SYSTEM.
- C. SIZING OF ALL PIPE, SPRINKLER HEADS, AND ACCESSORIES (UNLESS NOTED OTHERWISE), SHALL BE THE RESPONSIBILITY OF THE SPRINKLER SUBCONTRACTOR.
- D. MATERIALS AND INSTALLATION SHALL BE PER NFPA STANDARDS (CURRENT EDITION) AND LOCAL CODES. SEE GENERAL PIPING NOTES.
- E. ALL INSPECTORS TEST CONNECTIONS AND LOW POINT DRAINS SHALL BE PER NFPA 13 AND SHALL BE DISPLAYED ON SHOP DRAWINGS. COORDINATE WITH ARCHITECT FOR ACCEPTABLE MOUNTING HEIGHTS AND LOCATION. INSTALL INSPECTORS TEST CONNECTION IN A CONCEALED LOCATION. IF CONCEALED LOCATION IS NOT AVAILABLE, COORDINATE LOCATION WITH ARCHITECT.
- F. ACCEPTANCE TEST SHALL BE PERFORMED BY THE CONTRACTOR, WITNESSED AND APPROVED BY THE LOCAL FIRE MARSHAL PRIOR TO ISSUANCE AND OCCUPANCY.
- G. APPROVED SPRINKLER PLANS MUST BE AVAILABLE ON THE PROJECT SITE DURING THE INSTALLATION AND INSPECTION OF THE WORK.
- H. PROVIDE SIGNAGE FOR ALL CONTROL, DRAIN, AND TEST VALVES PER NFPA STANDARDS UPON INSPECTION BY AUTHORITY HAVING JURISDICTION.
- I. ALARM AND/OR MONITORING SYSTEMS SHALL BE DONE BY OTHERS.
- J. ALL DEVICES SHALL BE UL LISTED FOR FIRE PROTECTION USES.
- K. PROVIDE SIDEWALL SPRINKLERS IN ALL CLERESTORY AREAS.
- L. PROVIDE UPRIGHT PENDANTS IN ALL AREAS WHERE THERE IS NO CEILING AND ROOF STRUCTURE IS EXPOSED.
- M. REFER TO ARCHITECTURAL DRAWINGS FOR ALL INFORMATION ON ARCHITECTURAL FEATURES, AND CONSTRUCTION TYPES.
- N. CONTRACTOR MAY UTILIZE COMMERCIAL FLEXIBLE SPRINKLER RUNOUTS IF ALLOWED BY LOCAL AHJ. EXAMPLES: WING FLEXHEAD SYSTEM WITH MOUNTING BRACKETS FOR SPECIFIED TYPE OF CEILING WHERE THE SPRINKLER HEAD IS BEING INSTALLED, COORDINATE WITH ARCHITECTURAL RCP.

FIRE PROTECTION LEGEND

-  MODIFY EXISTING FIRE PROTECTION SYSTEMS AS REQUIRED TO ACCOMMODATE NEW FLOOR PLAN AND CEILING
-  OUT OF SCOPE



A2 FIRE PROTECTION PLAN
1/8" = 1'-0"



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	04/10/2023	Permit Set

Fire Protection Plan
F-111

PLUMBING FIXTURE MOUNTING HEIGHT	AGES: 3 & 4		AGES: 5 THROUGH 8		AGES: 9 THROUGH 12		AGES: 13 THROUGH ADULTS	
	ADA/TAS	STANDARD (4)	ADA/TAS	STANDARD (4)	ADA/TAS	STANDARD (4)	ADA/TAS	STANDARD (4)
* ALL DIMENSIONS ARE IN INCHES AND FROM FINISHED FLOOR								
WATER CLOSETS								
TOP OF SEAT	11 - 12 MAX	11 - 12 MAX	11 - 15 MAX	11 - 15 MAX	15 - 17 MAX	15 - 17 MAX	17 - 19 MAX	16 - 18 MAX
FLUSH CONTROLS (HANDLE HEIGHT)	30 MAX	30 MAX	30 MAX	30 MAX	30 MAX	30 MAX	30 MAX	30 MAX
URINALS								
RIM OF BASIN	14 MAX	14 MAX	14 MAX	14 MAX	14 MAX	24 MAX	17 MAX	24 MAX
MINIMUM DEPTH (5)	13 1/2 MIN	13 1/2 MIN	13 1/2 MIN	13 1/2 MIN	13 1/2 MIN	13 1/2 MIN	13 1/2 MIN	13 1/2 MIN
FLUSH CONTROLS (HANDLE HEIGHT)	36 MAX	36 MAX	40 MAX	40 MAX	44 MAX	44 MAX	46 MAX	46 MAX
LAVATORIES AND SINKS								
RIM (10)	31 MAX	31 MAX	31 MAX	31 MAX	31 MAX	31 MAX	34 MAX	34 MAX
KNEE CLEARANCE	24 MAX	24 MAX	24 MAX	24 MAX	24 MAX	24 MAX	27 MIN	27 MIN
FRONT EDGE TO WALL/FAUCET HANDLE	20 MAX	20 MAX	20 MAX	20 MAX	20 MAX	20 MAX	20 - 25 MAX	20 - 25 MAX
DRINKING FOUNTAINS AND ELECTRIC WATER COOLERS								
SPOUT OUTLETS								
HEIGHT (LOW)	30 MAX	---	30 MAX	---	30 MAX	---	36 MAX	---
HEIGHT (HIGH)	38 - 43 MAX	---	38 - 43 MAX	---	38 - 43 MAX	---	38 - 43 MAX	---
DISTANCE FROM FRONT EDGE	3 1/2 MAX	---	3 1/2 MAX	---	3 1/2 MAX	---	5 MAX	---
SHOWERS								
FIXED HEAD (NON-MEDICAL APPLICATION)	48 MAX	48"	48 MAX	48"	48 MAX	60"	48 MAX	60"
ADJUSTABLE HEAD (9)	48 MAX	48"	48 MAX	48"	48 MAX	60"	48 MAX	60"
HOSE LENGTH	59 MIN	---	59 MIN	---	59 MIN	---	59 MIN	---
NOTES:								
1. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF PLUMBING FIXTURES, GRAB BARS, DISPENSERS, ETC. WITH RESPECT TO WALLS, STALLS, ETC.								
2. ACCESSIBILITY GUIDELINES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY, AND INTENDED TO SERVE AS A GUIDE FOR CONSTRUCTION PROFESSIONALS AND OWNERS.								
3. SOME OF THE INFORMATION SHOWN HERE MAY NOT BE APPLICABLE TO THIS PROJECT.								
4. STANDARD HEIGHT INFORMATION IS OBTAINED FROM ASPE (AMERICAN SOCIETY OF PLUMBING ENGINEERS), HEIGHTS NOT NOTED BY INFORMATION ON DRAWINGS.								
5. DEPTH TO BE MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE.								
6. KNEE CLEARANCE FOR LAVATORIES AND SINKS SHALL COMPLY WITH ITAS.								
7. REFER TO DETAIL FOR COUNTER MOUNTED SINKS WITH BUBBLERS FOR DIMENSIONS, ON ARCHITECTURAL DRAWINGS.								
8. DRINKING FOUNTAINS AND ELECTRIC WATER COOLER DISTANCES FROM FRONT EDGE INCLUDES BUMPERS. KNEE CLEARANCES MUST BE MAINTAINED THROUGH THE MIN./MAX. RANGE HEIGHT FOR THE SPOUT.								
9. THE 30" SLIDE BAR SHALL BE MOUNTED AT A HEIGHT SO THE HAND HELD SHOWER WAND SHALL BE MOUNTED NO HIGHER THAN 48" ABOVE SHOWER FINISHED FLOOR.								
10. THE CONTRACTOR SHALL COORDINATE WITH THE COUNTER TOP/BASE CABINET MANUFACTURER TO VERIFY THAT THE RIM OF THE LAVATORY/SINK IS INSTALLED AT NO MORE THAN THE MAXIMUM HEIGHT ALLOWED.								
11. KNEE CLEARANCE MAY BE LOWERED FROM 27 INCHES TO 24 INCHES, IF THE RIM HEIGHT IS SET AT 31 INCHES.								

GENERAL NOTES

- GENERAL NOTES ON THIS SHEET ARE APPLICABLE TO EACH PLUMBING DRAWING OF THIS SET OF CONSTRUCTION DOCUMENTS. NOTES SPECIFIC TO INDIVIDUAL PLUMBING DRAWINGS WILL BE SHOWN ON THE RESPECTIVE PLUMBING DRAWING.
- THE CONTRACTOR SHALL PROVIDE A COMPLETE PLUMBING SYSTEM TO INCLUDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT FOR A COMPLETE AND FUNCTIONAL SYSTEM INCLUDING ALL NECESSARY APPURTENANCES CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED OUT.
- ENTIRE INSTALLATION, INCLUDING MATERIALS, EQUIPMENT AND WORKMANSHIP SHALL CONFORM WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS.
- APPLICABLE STANDARDS AND REGULATORY BODIES HAVE JURISDICTION OVER THE CLASS OF WORK.
- MATERIAL AND EQUIPMENT SHALL HAVE STAMPS OR SEALS OF AHRI, ASME, UL OR ASTM.
- THE CONTRACTOR SHALL MAKE TESTS FOR ACCEPTANCE AND APPROVAL AS REQUIRED BY CODE AND THE REQUIREMENTS OF APPLICABLE REGULATORY AGENCIES. REQUIRED TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER OF RECORD AND/OR OWNER UNLESS OTHERWISE WAIVED IN WRITING.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES, DOCUMENTS AND SERVICES RELATED TO INSTALLATION OF THE WORK.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OTHER TRADES IN ORDER TO RESOLVE ANY CONFLICTS THAT MIGHT ARISE DUE TO THE LOCATION OF EQUIPMENT OR THE USE OF SPACE.
- EQUIPMENT OF DIFFERENT ELECTRICAL CHARACTERISTICS MAY BE FURNISHED PROVIDED SUCH PROPOSED EQUIPMENT IS APPROVED IN WRITING AND CONNECTING ELECTRICAL SERVICE, CIRCUIT BREAKERS AND CONDUIT ARE APPROPRIATELY MODIFIED AT NO COST TO THE OWNER.
- RUN ALL HORIZONTAL DOMESTIC COLD WATER, DOMESTIC HOT WATER, AND VENT PIPING ABOVE THE CEILING UNLESS OTHERWISE NOTED.
- MAKE PIPE PENETRATIONS OF ALL WALLS WITH SLEEVES AS NOTED IN THE SPECIFICATIONS.
- DO NOT INSTALL EQUIPMENT, PIPING OR DUCTWORK OVER ANY ELECTRICAL EQUIPMENT OR ELECTRICAL SERVICE SPACE.
- LAYOUT OF PIPING IS DIAGRAMMATIC. RUN ALL EXPOSED PIPING AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED. ALLOW FOR RISERS, DROPS AND OFFSETS AS REQUIRED.
- CONTRACTOR SHALL INSTALL ALL PLUMBING VENTS AND EXHAUST AIR OUTLETS A MINIMUM OF 10'-0" AWAY (PER CODE) FROM ALL OUTSIDE AIR INTAKES, OPERABLE DOORS AND/OR WINDOWS. CONSTRUCTION DRAWINGS ARE DIAGRAMMATIC BY NATURE. FINAL MEASUREMENTS SHOULD BE MADE AT THE PROJECT SITE.
- NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED.

PLUMBING ABBREVIATIONS

AUX	AUXILIARY CONDENSATE DRAIN PIPING	AVG	AVERAGE	CD	CONDENSATE DRAIN PIPING	DEG	DEGREE	F	DEGREES FAHRENHEIT	IN	INCHES	OD	DIAMETER, OUTSIDE	DDC	DIRECT DIGITAL CONTROLS	DCW	DOMESTIC COLD WATER	DHW	DOMESTIC HOT WATER	DHWR	DOMESTIC HOT WATER RETURN	EWT	ENTERING WATER TEMPERATURE	ECW	EXISTING DOMESTIC COLD WATER	EHW	EXISTING DOMESTIC HOT WATER	EHWR	EXISTING DOMESTIC HOT WATER RETURN	ES	EXISTING SEWER	ET	EXPANSION TANK	FT	FEET	GAL	GALLONS	GPD	GALLONS PER DAY	GPH	GALLONS PER HOUR	GPM	GALLONS PER MINUTE	HP	HORSEPOWER	IN	INCHES	inHg	INCHES OF MERCURY	inH2O	INCHES OF WATER	KW	KILOWATT	LWT	LEAVING WATER TEMPERATURES	MPG	MEDIUM PRESSURE NATURAL GAS	N	NATURAL GAS	NC	NORMALLY CLOSED	NO	NORMALLY OPEN	PH	PHASE	LBS	POUNDS	PSI	POUNDS PER SQUARE INCH	PRV	PRESSURE REDUCED VALVE	RPZ	REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY	RPM	REVOLUTIONS PER MINUTE	SA	SHOCK ABSORBER / ARRESTOR	SQ.FT.	SQUARE FEET	T&P	TEMPERATURE AND PRESSURE VALVE	TOJ	TOP OF JOIST	TDH	TOTAL DYNAMIC HEAD	UF	UNDERFLOOR	UG	UNDERGROUND	VFD	VARIABLE FREQUENCY DRIVE	VEL	VELOCITY	VTR	VENT THROUGH ROOF	V	VOLTS
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PIPING LEGEND

	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN
	SEWER
	VENT
	CONDENSATE DRAIN
	AUXILIARY DRAIN
	NATURAL GAS
	ROOF DRAIN PIPING
	OVERFLOW DRAIN PIPING
	MEDICAL AIR
	NITROUS OXIDE
	NITROGEN
	OXYGEN
	VACUUM
	WAGD - WASTE ANESTHETIC GAS DISPOSAL
	INDICATES DEMOLITION
	FLUID FLOW DIRECTION
	PIPE TURNED UP
	PIPE TURNED DOWN

EXISTING PIPING IS INDICATED SAME AS ABOVE, EXCEPT IN A LIGHTER PEN WEIGHT.

PLUMBING SYMBOL LEGEND

	BUTTERFLY VALVE
	BALL VALVE
	CHECK VALVE
	GATE VALVE
	PRESSURE REDUCING VALVE
	FLANGE
	UNION
	STRAINER
	PLUG VALVE
	GAS REGULATOR
	CONNECT TO EXISTING
	POINT OF DISCONNECT P.O.D.



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

04/10/2023 Permit Set

DATE DESCRIPTION

Plumbing
Abbreviations &
Legends

P-001

GENERAL NOTES

A. REFER TO GENERAL NOTES ON P-001.



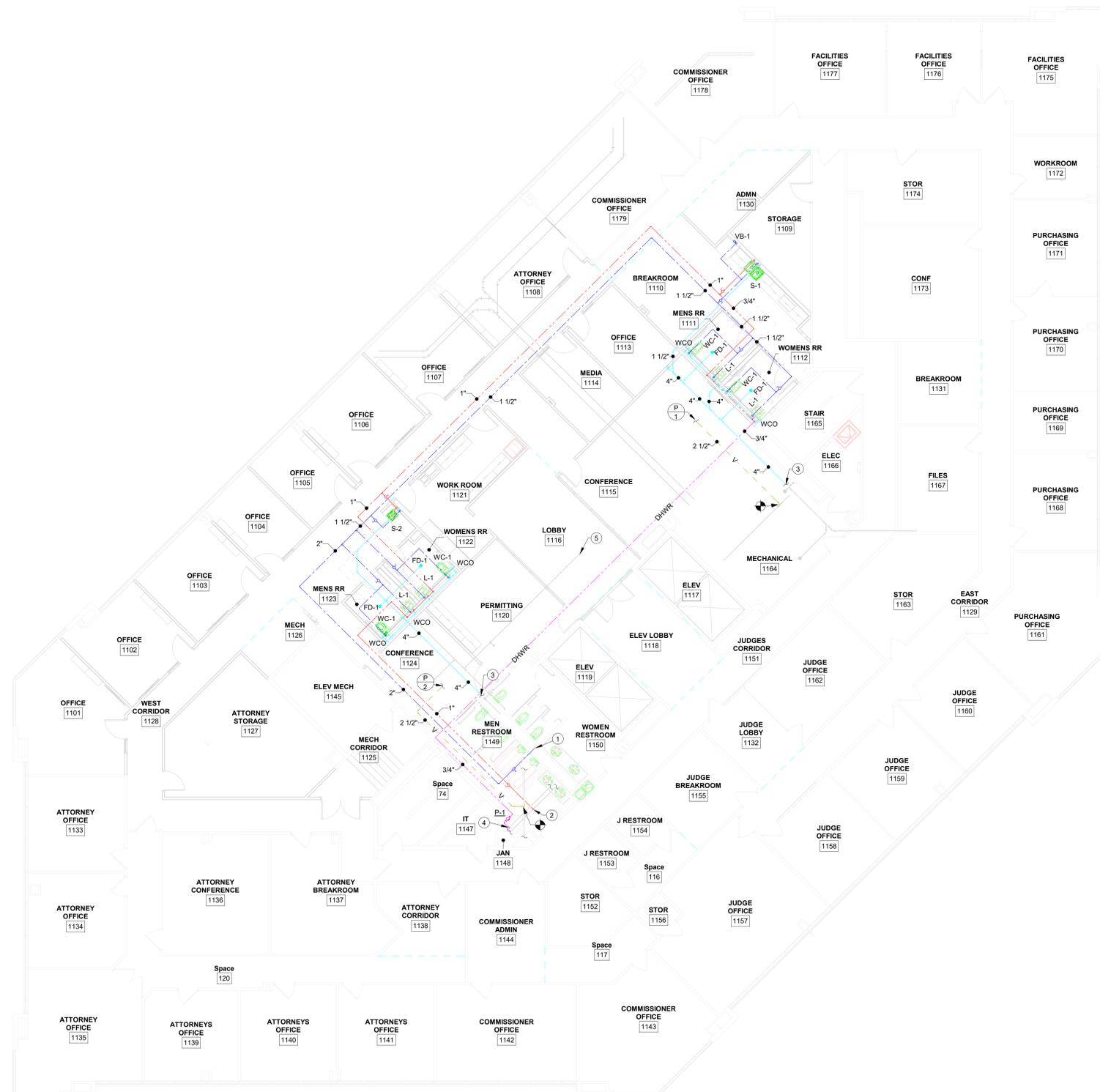
04/10/2023

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KEY NOTES

AS INDICATED BY: (1) (2) (3) (4) (5)

1. CONNECT NEW 2" DCW PIPING SERVING 11TH FLOOR RENOVATION TO EXISTING 3" DCW PIPING.
2. CONNECT NEW 1" DHW LOOP PIPING TO EXISTING HOT WATER PIPING.
3. CONNECT NEW 4" SANITARY SEWER PIPING INTO EXISTING SANITARY SEWER PIPING. MODIFY PIPING AS NEEDED.
4. CONNECT 3/4" RECIRCULATION HOT WATER PIPING INTO EXISTING COLD WATER LINE SERVING WATER HEATER.
5. RAISE EXISTING P-TRAP AND ASSOCIATED PIPING UP AS HIGH AS POSSIBLE TO MAKE ROOM FOR NEW LAY-IN CEILING. REFER TO ARCHITECTURAL REFLECTIVE CEILING FLOOR PLANS. ONCE FLOOR DRAIN PIPING HAS BEEN RAISED PROVIDE DROP CONNECTION OR 45 DEG WYE CONNECTION AT MAIN TO MAINTAIN FLOW. CONTRACTOR TO VERIFY EXACT LOCATION OF PIPING AT PROJECT SITE.



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	04/10/2023	Permit Set

A1 PLUMBING PLAN
1/8" = 1'-0"





CLIENT
MIDLAND COUNTY

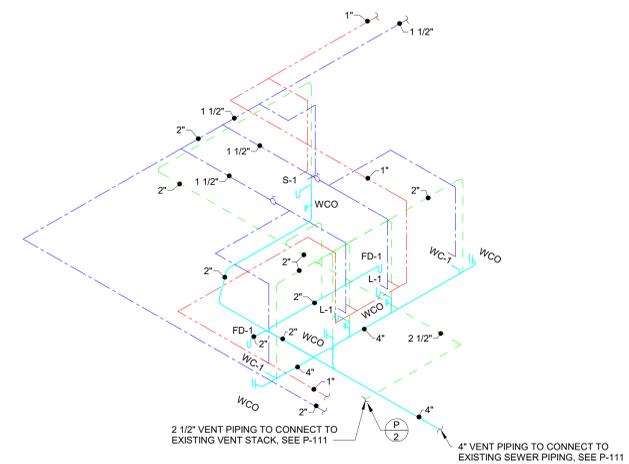
500 N. LORAIN ST.
MIDLAND, TX 79701

PROJECT NO.
40451.22

KEY PLAN

04/10/2023 Permit Set

DATE DESCRIPTION



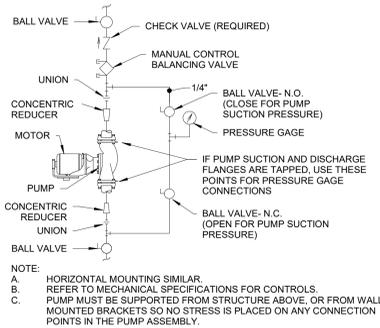
P 2 PLUMBING RISER 2
SCHEMATIC ONLY
NOTE: ALL "BELOW FLOOR" SEWER PIPING OCCURS IN THE 10TH FLOOR CEILING SPACE.

RECIRCULATION PUMP SCHEDULE										
SYMBOL	SERVES	PUMP TYPE	CONNECTION SIZE	FLOW GPM	HEAD (FT)	MOTOR HP	VOLTAGE	PHASE	MANUFACTURER	MODEL NO
P-1	11TH FLOOR	INLINE	3/4"	2.5	10	1/8	120 V	1	ALPHA 15-55 HWR-T	GRUNDFOS

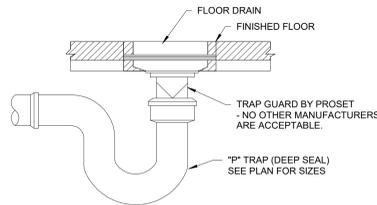
- NOTES:
- PUMP IS SCHEDULED TO BE GRUNDFOS. B&G, TACO, AND ARMSTRONG SHALL BE CONSIDERED EQUIVALENT MANUFACTURERS.
 - PROVIDE WITH TORK TIME CLOCK AND AQUASTAT IF NOT INTEGRAL TO PUMP.
 - PUMP SHALL BE PROVIDED WITH MULTIPLE SPEEDS.

SYMBOL	MINIMUM CONNECTIONS				DESCRIPTION	MANUFACTURER	MODEL NO.	OPTIONS
	CW	HW	VENT	SEWER				
WC-1	1"	--	2"	4"	WALL MOUNTED FLUSH VALVE T&S COMPLIANT WATER CLOSET. ELONGATED CHINA BOWL WITH EVERCLEAN. SIPHON JET FLUSHING ACTION, TOP SPUD, AND AN EXTRA HEAVY DUTY OPEN FRONT WHITE SEAT WITH EVERCLEAN. EXPOSED FLUSH MANUALLY OPERATED VALVE WITH FLUSH HANDLE ON WIDE SIDE OF TOILET. 1.28 GALLONS PER FLUSH, AND VANDAL RESISTANT STOP CAP. REFER TO P-001 FOR T&S MOUNTING HEIGHT REQUIREMENTS.	AMERICAN STANDARD	3351.001 "AFWALL"	VALVE - SLOAN ROYAL 111-1-28 SEAT - AMERICAN STANDARD 5601.1107 CARRIER - WATTS ISCA-101-LR
L-1	1/2"	1/2"	1-1/2"	1-1/2"	WALL MOUNTED T&S COMPLIANT LAVATORY. VITREOUS CHINA. NOMINAL 20" x 18". BACK AND SIDE SPLASHES, FOR CONCEALED ARM CARRIER. SINGLE CENTERED FAUCET HOLE. T&S COMPLIANT SINGLE LEVER FAUCET 0.5 GPM. DRAIN OUTLET WITH GRID STRAINER. PROVIDE THERMOSTATIC MIXING VALVE. REFER TO P-001 FOR T&S MOUNTING HEIGHTS.	AMERICAN STANDARD	0356.421 LUCERNE	FAUCET - MOEN M-DURA 9417F05 (SINGLE LEVER) CARRIER - WATTS TCA-411 DRAIN - AMERICAN STANDARD 7723.018
S-1	1/2"	1/2"	1-1/2"	1-1/2"	COUNTERTOP DOUBLE COMPARTMENT 30" x 21" SINK, 18 GAUGE 304 STAINLESS STEEL WITH A LUSTERTONE FINISH. REAR CENTER DRAIN PLACEMENT. FULL SPRAY SIDES AND BOTTOM, NOMINAL 13-1/2" x 16" BOWL, 6" DEEP. T&S COMPLIANT SINGLE HANDLE HIGH ARC PULLDOWN FAUCET. PULLOUT SPRAY WITH 68" BRAIDED HOSE, LEVER STYLE HANDLE, 1.5 GPM. DRAIN OUTLET WITH 304 STAINLESS STEEL BODY AND GRID STRAINER, POLISHED FINISH.	ELKAY	LRAD332160	FAUCET - MOEN 7594 DRAIN - (QTY 2) ELKAY LK18B
S-2	1/2"	1/2"	1-1/2"	1-1/2"	COUNTERTOP SINGLE COMPARTMENT 15" x 17" SINK, 18 GAUGE 304 STAINLESS STEEL WITH A LUSTERTONE FINISH. REAR CENTER DRAIN PLACEMENT. FULL SPRAY SIDES AND BOTTOM, NOMINAL 12" x 12" BOWL, 6" DEEP. T&S COMPLIANT SINGLE HANDLE HIGH ARC PULLDOWN FAUCET. PULLOUT SPRAY WITH A 68" BRAIDED HOSE, LEVER STYLE HANDLE, 1.5 GPM. DRAIN OUTLET WITH 304 STAINLESS STEEL BODY AND GRID STRAINER, POLISHED FINISH.	ELKAY	LRAD151760	FAUCET - MOEN 7594 DRAIN - ELKAY LK18B
FD-1	--	--	2"	AS SHOWN ON DWG	FLOOR DRAIN - 6" DIA. ADJUSTABLE POLISHED NICKEL BRONZE STRAINER. CAST IRON BODY WITH REVERSIBLE CLAMPING COLLAR. P-TRAP SHALL BE DEEP SEAL TYPE. COORDINATE FLOORING TYPE WITH ARCHITECTURE.	WATTS	FD-100A	TRAP GUARD - PROSET
WCO	--	--	--	AS SHOWN ON DWG	WALL CLEANOUT - NO-HUB PVC CLEANOUT TEE WITH ROUND STAINLESS STEEL COVER AND CENTER SCREW, GASKETED SEAL BRASS THREADED PLUG WITH RECESSED SOCKET.	WATTS	CO-460-RD	
VB-1	1/2"	--	--	--	RECESSED VALVE BOX WITH VALVE. CHROME QUARTER TURN ADAPTER BALL VALVE, 1/2" SWEAT CONNECTION AND WATER HAMMER ARRESTOR.	IPS CORPORATION	MODEL AB9700 HA	

- NOTES:
- MANUFACTURERS WITH MODEL NUMBERS ARE BASE ITEMS. OTHER MANUFACTURERS MUST BE EQUIVALENT MANUFACTURERS UNLESS NOTED OTHERWISE.
 - FOR MOUNTING HEIGHTS OF INDIVIDUAL WALL-MOUNTED FIXTURES, REFER TO P-001 SHEET.
 - EACH UNDER SLAB OR CONCEALED P-TRAP SHALL BE A DEEP-SEAL TYPE.
 - PROVIDE EACH WALL MOUNTED PLUMBING FIXTURE, SUCH AS SINKS, LAVATORIES, ELECTRIC WATER COOLERS, DRINKING FOUNTAINS, ETC., WITH A FLOOR MOUNTED SUPPORT CARRIER WITH RECTANGULAR LEGS.
 - UNLESS SCHEDULED OTHERWISE, PROVIDE EACH LAVATORY, SINK, WATER COOLER, ETC. WITH A P-TRAP ASSEMBLY CONSISTING OF A C.P. BRASS STOP VALVE (MIN. 1/2") WITH QUARTER STOPS AND LOCK SHIELD, STAINLESS STEEL FLEXIBLE RISER, C.P. BRASS NIPPLE, AND C.P. CAST BRASS ESCUTCHEON WITH SETSCREW.
 - PROVIDE EACH FIXTURE WHICH REQUIRES COLD AND/OR HOT WATER (EXCEPT FLUSH VALVES) WITH A SUPPLY/STOP ASSEMBLY CONSISTING OF A C.P. BRASS STOP VALVE (MIN. 1/2") WITH QUARTER STOPS AND LOCK SHIELD, STAINLESS STEEL FLEXIBLE RISER, C.P. BRASS NIPPLE, AND C.P. CAST BRASS ESCUTCHEON WITH SETSCREW.
 - FOR EACH PUBLIC LAVATORY OR SINK WITH EXPOSED DRAIN AND BOTH COLD AND HOT SUPPLY COMPONENTS, PROVIDE A MANUFACTURED INSULATION KIT MADE FROM MOLDED CLOSED CELL VINYL THAT IS ANTI-MICROBIAL AND SEAMLESS. EACH KIT SHALL COVER THE TAILPIECE, P-TRAP, WALL BEND, BOTH WATER SUPPLY STOPS, AND BOTH WATER RISERS. KITS SHALL BE EQUAL OR EQUIVALENT TO "PROWRAP" BY McGUIRE OR LAV-GUARD BY TRUEBRO.
 - WHERE ARCHITECTURAL PLANS SHOW WATER CLOSETS AND URINALS, PROVIDE AND INSTALL FLUSHING VALVE SUCH THAT FLUSH HANDLE IS ON WIDE SIDE OF WATER CLOSET.
 - PROVIDE WATER HAMMER ARRESTORS LOCATED AND SIZED ACCORDING TO PDI RECOMMENDATIONS.
 - PROVIDE ISOLATION VALVES IN CW, HW AND HWR PIPING AS NEEDED OR AS SHOWN FOR ALL GROUPS OF FIXTURES.
 - INSTALL PLUMBING FIXTURES IN ACCORDANCE WITH LATEST ADA AND T&S STANDARDS.

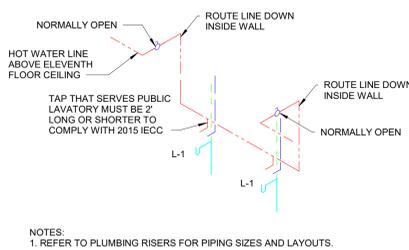


B1 HOT WATER RECIRCULATING PUMP
NTS

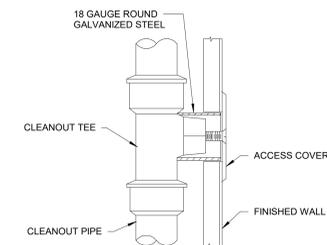


B2 FLOOR DRAIN
NTS

P 1 PLUMBING RISER 1
SCHEMATIC ONLY
NOTE: ALL "BELOW FLOOR" SEWER PIPING OCCURS IN THE 10TH FLOOR CEILING SPACE.



A1 PUBLIC LAVATORY SCHEMATIC
NTS



A2 WALL CLEANOUT
NTS



GENERAL NOTES

- GENERAL NOTES ON THIS SHEET ARE APPLICABLE TO EACH MECHANICAL DRAWING OF THIS SET OF CONSTRUCTION DOCUMENTS. NOTES SPECIFIC TO INDIVIDUAL MECHANICAL DRAWINGS WILL BE SHOWN ON THE RESPECTIVE MECHANICAL DRAWING.
- THE CONTRACTOR SHALL PROVIDE A COMPLETE HVAC SYSTEM TO INCLUDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT FOR A COMPLETE AND FUNCTIONAL SYSTEM INCLUDING ALL NECESSARY APPURTENANCES CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED OUT.
- ENTIRE INSTALLATION, INCLUDING MATERIALS, EQUIPMENT AND WORKMANSHIP SHALL CONFORM WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS.
- THIS PROJECT SHALL CONFORM TO APPLICABLE ASHRAE, NFPA AND SMACNA STANDARDS AND OTHER REGULATORY BODIES HAVING JURISDICTION OVER THE CLASS OF WORK.
- MATERIAL AND EQUIPMENT SHALL HAVE STAMPS OR SEALS OF AHRI, ASME, UL OR ASTM.
- THE CONTRACTOR SHALL MAKE TESTS FOR ACCEPTANCE AND APPROVAL AS REQUIRED BY CODE AND THE REQUIREMENTS OF APPLICABLE REGULATORY AGENCIES. REQUIRED TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER OF RECORD AND/OR OWNER UNLESS OTHERWISE WAIVED IN WRITING.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, LICENSES, DOCUMENTS AND SERVICES RELATED TO INSTALLATION OF THE WORK.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OTHER TRADES IN ORDER TO RESOLVE ANY CONFLICTS THAT MIGHT ARISE DUE TO THE LOCATION OF EQUIPMENT OR THE USE OF SPACE.
- EQUIPMENT OF DIFFERENT ELECTRICAL CHARACTERISTICS MAY BE FURNISHED PROVIDED SUCH PROPOSED EQUIPMENT IS APPROVED IN WRITING AND CONNECTING ELECTRICAL SERVICE, CIRCUIT BREAKERS AND CONDUIT ARE APPROPRIATELY MODIFIED AT NO COST TO THE OWNER.
- RUN ALL HORIZONTAL PIPING AND DUCTWORK ABOVE THE CEILING UNLESS OTHERWISE NOTED.
- MAKE DUCT PENETRATIONS OF ALL WALLS WITH SHEET METAL DUCTS. FLEXIBLE DUCT PENETRATION OF WALLS ARE NOT ACCEPTABLE.
- INSTALL TURNING VANES WHERE SHOWN ON PLANS, AND IN ALL SUPPLY AND EXHAUST AIR DUCTWORK ELBOWS, FULL-EL'S, AND BULLHEAD TEES.
- DO NOT INSTALL EQUIPMENT, PIPING OR DUCTWORK OVER ANY ELECTRICAL EQUIPMENT OR ELECTRICAL SERVICE SPACE.
- LAYOUT OF PIPING AND DUCTWORK IS DIAGRAMMATIC. RUN ALL EXPOSED PIPING AND DUCTWORK AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED. ALLOW FOR RISES, DROPS AND OFFSETS AS REQUIRED.
- INSTALL MECHANICAL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE AND REPAIR OR REPLACEMENT OF ELECTRICAL COMPONENTS. AS MUCH AS PRACTICAL, CONNECT EQUIPMENT FOR EASE OF DISCONNECTING, WITH A MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS. PIPING SHALL NOT INTERFERE WITH FILTER PULL.
- MECHANICAL CONTRACTORS SHALL PROVIDE AUTOMATIC CONTROL DEVICES SUCH AS STARTERS, VARIABLE FREQUENCY DRIVES (VFD), TEMPERATURE SENSORS, RELAYS, PRESSURE SWITCHES THAT ARE ASSOCIATED WITH MECHANICAL EQUIPMENT AND ASSOCIATED CONTROL WIRING FROM CONTROL POWER LOCATION TO THE CONTROL DEVICE/ ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING FROM POWER SOURCE TO DISCONNECT SWITCH, FROM DISCONNECT SWITCH TO STARTER OR VFD, AND FROM STARTER OR VFD TO THE EQUIPMENT.
- LOCATE TEMPERATURE SENSORS AND CO2 SENSORS 48" ABOVE FINISHED FLOOR OR AS NOTED ON PLANS.
- CONTRACTOR TO VERIFY ALL ACCESS PANEL LOCATIONS. NOT ALL ACCESS PANELS REQUIRED ARE SHOWN. REFER TO SPECIFICATIONS FOR ACCESS PANEL REQUIREMENTS.
- NOT ALL SYMBOLS OR ABBREVIATIONS ARE USED.

SYMBOL LEGEND

- AUTOMATIC AIR VENT
- MANUAL AIR VENT
- P/T PLUG
- VENTURI FLOW METER
- AUTOMATIC FLOW CONTROL
- BUTTERFLY VALVE
- BALL VALVE
- CHECK VALVE
- GLOBE VALVE
- GATE VALVE
- ANGLE GATE VALVE
- PRESSURE REDUCING VALVE
- AUTOMATIC VALVE, 2-WAY
- AUTOMATIC VALVE, 3-WAY
- FLANGE
- UNION
- STRAINER
- GAS METER
- AUTOMATIC AIR VENT
- ELECTRIC MOTOR
- CENTRIFUGAL FAN
- THERMOMETER
- EXPANSION VALVE
- FLOW SWITCH
- PRESSURE SWITCH
- PUMP

PROJECT DESIGN INFORMATION		
HVAC DATA		
PROJECT LOCATION:	MIDLAND, TX	
DESIGN CODE:	IMC - 2018/IECC - 2015	
ELEVATION (FT):	2.782	
HVAC DESIGN CONDITIONS		
WINTER OUTDOOR (DB/WB):	22.8°F/15.2°F	
WINTER INDOOR (DB/WB):	70°F/62.0°F	
SUMMER OUTDOOR (DB/WB):	102.0°F/66.7°F	
SUMMER INDOOR (DB/WB):	75°F/62.5°F	
INDOOR RELATIVE HUMIDITY:	50%	
DEHUMIDIFICATION OUTDOOR (DB/WB):	77.0°F/71.2°F	
PLUMBING DATA		
DESIGN CODE:	IPC - 2018/IFGC - 2018	
WATER REQUIREMENTS		
TOTAL WATER FIXTURE COUNT:	32.25	
TOTAL WATER GPM:	42.8	
SEWER REQUIREMENTS		
TOTAL SEWER FIXTURE COUNT:	24	
TOTAL SEWER GPM:	12	

MECHANICAL/PLUMBING ABBREVIATIONS

- AC AIR CONDITIONING
- AVG AVERAGE
- AFF ABOVE FINISHED FLOOR
- BOJ BOTTOM OF JOIST
- BTUH BRITISH THERMAL UNIT PER HOUR
- MBU BRITISH THERMAL UNIT DIVIDED BY 1,000
- CFM CUBIC FEET PER MINUTE
- CHR CHILLED WATER RETURN PIPING
- CWS CHILLED WATER SUPPLY PIPING
- CR CONDENSING WATER RETURN PIPING
- CS CONDENSING WATER SUPPLY PIPING
- DEG DEGREE
- °F DEGREES FAHRENHEIT
- DIA DIAMETER
- ID DIAMETER, INSIDE
- OD DIAMETER, OUTSIDE
- DDC DIRECT DIGITAL CONTROLS
- DB DRY BULB TEMPERATURE
- EER ENERGY EFFICIENCY RATIO
- EAT ENTERING AIR TEMPERATURE
- EWT ENTERING WATER TEMPERATURE
- EA EXHAUST AIR
- ET EXPANSION TANK
- ESP EXTERNAL STATIC PRESSURE
- FT FEET
- FPI FINS PER INCH
- FD FIRE DAMPER
- FSD FIRE/SMOKE DAMPER
- FO FLAT OVAL
- GAL GALLONS
- GPD GALLONS PER DAY
- GPH GALLONS PER HOUR
- GPM GALLONS PER MINUTE
- GBD GRAVITY BACKDRAFT DAMPER
- HWP HEATING WATER PUMP
- HWR HEATING WATER RETURN PIPING
- HWS HEATING WATER SUPPLY PIPING
- HP HORSEPOWER
- HUM HUMIDITY
- IN INCHES
- inHG INCHES OF MERCURY
- inWD INCHES OF WATER
- IAQ INDOOR AIR QUALITY
- KW KILOWATT
- LAT LEAVING AIR TEMPERATURES
- LWT LEAVING WATER TEMPERATURES
- MBD MANUAL BALANCING DAMPER
- MAT MIXED AIR TEMPERATURE
- NC NORMALLY CLOSED
- NO NORMALLY OPEN
- OA OUTSIDE AIR
- OAT OUTSIDE AIR TEMPERATURE
- PH PHASE
- LBS POUNDS
- LBS/HR POUNDS PER HOUR
- PSI POUNDS PER SQUARE INCH
- PRV PRESSURE REDUCED VALVE
- RL REFRIGERANT LIQUID
- RS REFRIGERANT SUCTION
- RPS REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY
- RH RELATIVE HUMIDITY
- RA RELIEF AIR
- RPM REVOLUTIONS PER MINUTE
- SEER SEASONAL ENERGY EFFICIENCY RATIO
- SH SENSIBLE HEAT
- SHR SENSIBLE HEAT RATIO
- SD SMOKE DAMPER
- SO FT SQUARE FEET
- SP STATIC PRESSURE
- T&P TEMPERATURE AND PRESSURE VALVE
- k THERMAL CONDUCTIVITY
- R THERMAL RESISTANCE
- TQJ TOP OF JOIST
- TDH TOTAL DYNAMIC HEAD
- TSP TOTAL STATIC PRESSURE
- UF UNDERFLOOR
- UG UNDERGROUND
- U-Factor U-FACTOR: HEAT TRANSFER COEFFICIENT
- VAV VARIABLE AIR VOLUME
- VFD VARIABLE FREQUENCY DRIVE
- VEL VELOCITY
- V VOLTS
- WB WET BULB TEMPERATURE

DUCTWORK SYMBOLS

- MANUAL BALANCING DAMPER
- CEILING MOUNTED SUPPLY GRILLE
- CEILING MOUNTED RETURN GRILLE
- CEILING MOUNTED EXHAUST GRILLE
- WALL MOUNTED SUPPLY GRILLE
- WALL MOUNTED RETURN/EXHAUST GRILLE
- FIRE/SMOKE DAMPER
- FIRE DAMPER
- SMOKE DAMPER
- LINED RETURN DUCT
- SUPPLY DUCT TURNED UP
- SUPPLY DUCT TURNED DOWN
- RETURN DUCT TURNED UP
- RETURN DUCT TURNED DOWN
- EXHAUST DUCT TURNED UP
- EXHAUST DUCT TURNED DOWN
- ROUND DUCT TURNED UP
- ROUND DUCT TURNED DOWN
- THERMOSTAT
- HUMIDISTAT
- SENSOR
- FLEXIBLE CONNECTION
- FLEX DUCT
- CONNECT TO EXISTING
- POINT OF DISCONNECT

PIPING SYMBOLS

- CHILLED WATER SUPPLY
- CHILLED WATER RETURN
- HEATING WATER SUPPLY
- HEATING WATER RETURN
- CONDENSING WATER SUPPLY
- CONDENSING WATER RETURN
- CONDENSATE DRAIN
- REFRIGERANT LIQUID & SUCTION
- FLUID FLOW DIRECTION
- PIPE TURNED UP
- PIPE TURNED DOWN

GENERAL NOTES

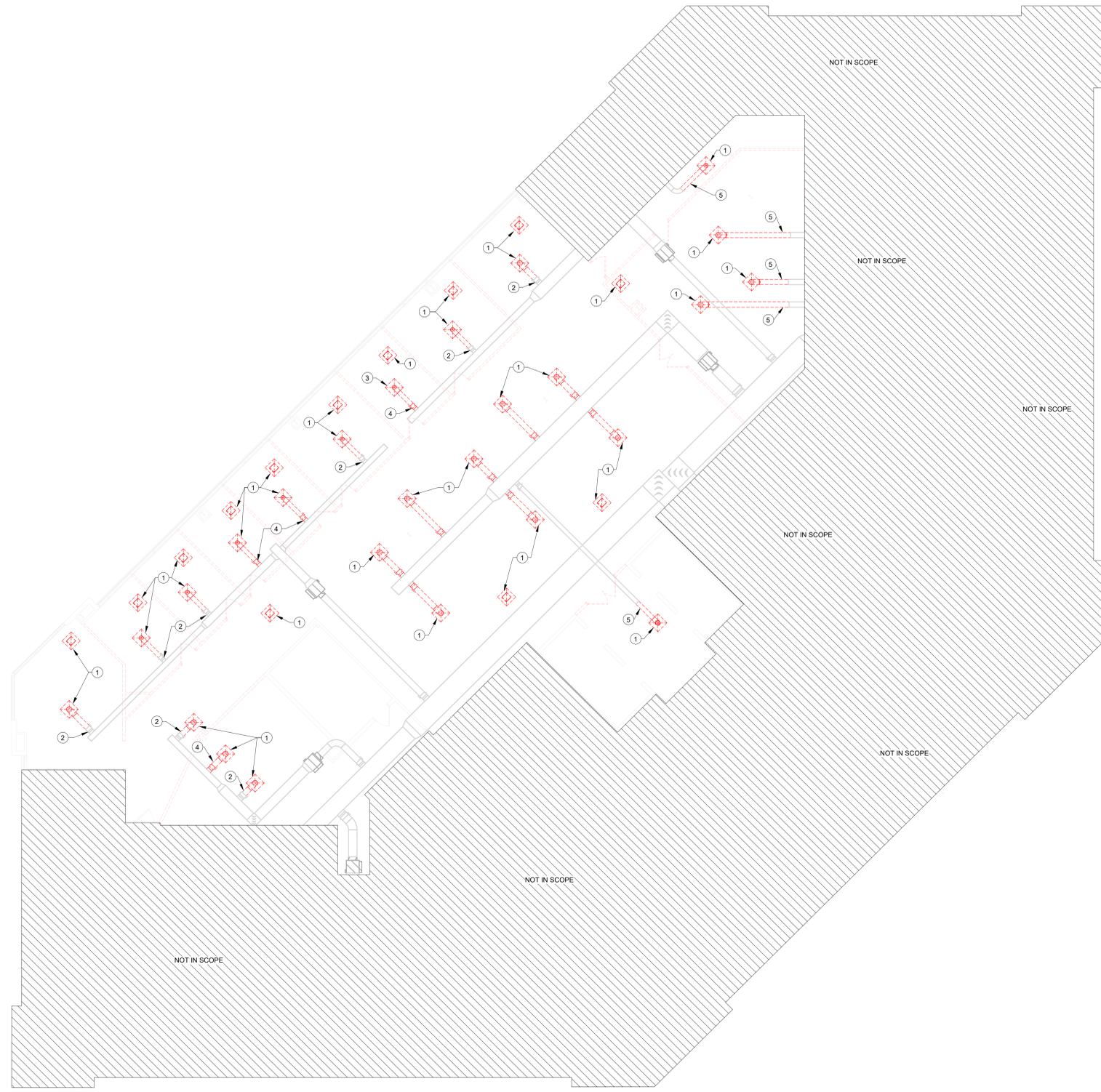
A. REFER TO GENERAL NOTES ON M-001.



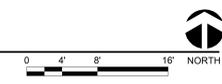
KEY NOTES

AS INDICATED BY: (1) (2) (3) (4) (5)

- 1 REMOVE AND SAVE EXISTING AIR DIFFUSER FOR RELOCATION.
- 2 REMOVE EXISTING DUCT RUN BACK TO EXISTING MBD TAP AT MAIN. PREPARE MAIN DUCT TAP FOR NEW DUCT RUN OUT.
- 3 REMOVE EXISTING AIR DIFFUSER.
- 4 REMOVE EXISTING DUCT RUN BACK TO MAIN AND CAP/SEAL.
- 5 REMOVE DUCTWORK BACK AS SHOWN.



A2 MECHANICAL DEMOLITION PLAN
1/8" = 1'-0"



**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	04/10/2023	Permit Set

**Mechanical
Demolition Plan
M-101**

LOUVER SCHEDULE												
SYMBOL	SERVES	LOUVER FUNCTION	WIDTH	HEIGHT	MIN FREE AREA	AIRFLOW	FRAME TYPE	ACTUATOR VOLTAGE	BIRD SCREEN	FINISH	MANUFACTURER	MODEL NO.
L-7	EF-23	EXHAUST	14	10	0.61 ft ²	200 CFM	SEE NOTE 2	115 V	YES	SEE NOTE 2	GREENHECK	ESU-153
L-8	EF-24	EXHAUST	14	10	0.61 ft ²	200 CFM	SEE NOTE 2	115 V	YES	SEE NOTE 2	GREENHECK	ESU-153

- NOTES:
- UNITS ARE SCHEDULED TO BE MANUFACTURED BY GREENHECK. RUSKIN AND CESCO ARE CONSIDERED EQUIVALENT.
 - COORDINATE FRAME TYPE AND FINISH WITH ARCHITECT. COORDINATE EXACT SIZE WITH ARCHITECTURAL DETAILS AND CMU BLOCK OR BRICK DIMENSIONS.
 - COORDINATE LOUVER COLOR WITH ARCHITECT.

EXHAUST FAN SCHEDULE													
SYMBOL	TYPE	CFM	DRIVE	E.S.P. (in W.G.)	SOUND LEVEL IN SONES	FAN MOTOR POWER - HP	NOMINAL FAN RPM	ELECTRICAL			WEIGHT, LBS	MANUFACTURER	MODEL NO
								VOLTAGE	PHASE	METHOD OF CONTROL			
EF-23	INLINE	200 CFM	DIRECT	0.4	6.4	1/10	1437	115 V	1	SEE NOTE 6	60	GREENHECK	SQ-80-VG
EF-24	INLINE	200 CFM	DIRECT	0.4	6.4	1/10	1437	115 V	1	SEE NOTE 7	60	GREENHECK	SQ-80-VG

- NOTES:
- FANS ARE SCHEDULED TO BE MANUFACTURED BY GREENHECK. TWIN CITY AND COOK ARE CONSIDERED EQUIVALENT MANUFACTURERS.
 - AIRFLOW CONDITIONS RATED AT LOCAL ALTITUDE.
 - PROVIDE AND INSTALL FLEXIBLE CONNECTION ON FAN INLET DUCT CONNECTION.
 - FANS SHALL HAVE MOTOR VIBRATION ISOLATION, BACK DRAFT DAMPER AT UNIT AND LOCAL DISCONNECT SWITCH AT UNIT.
 - FAN SELECTIONS SHALL BE SUBMITTED TO ALLOW FOR A MINIMUM +/- 10% IN SCHEDULED EXTERNAL STATIC AND CFM WITHIN THE PARAMETERS OF THE SCHEDULED MOTOR HP.
 - EXHAUST FAN EF-23 SHALL BE CONTROLLED SO THE FAN IS ON WHEN EITHER OR BOTH OF THE LIGHT SWITCHES IN MENS RR 1111 AND WOMENS RR 1112 ARE ON, AND OFF ONLY IF BOTH LIGHT SWITCHES ARE OFF.
 - EXHAUST FAN EF-24 SHALL BE CONTROLLED SO THE FAN IS ON WHEN EITHER OR BOTH OF THE LIGHT SWITCHES IN MENS RR 1123 AND WOMENS RR 1122 ARE ON, AND OFF ONLY IF BOTH LIGHT SWITCHES ARE OFF.

AIR DISTRIBUTION SCHEDULE					
SYMBOL	SYSTEM TYPE	DESCRIPTION	INSTALLATION TYPE	MANUFACTURER	MODEL NO.
S1	SUPPLY	ALL STEEL, 24" x 24" NOMINAL FACE, FIXED AIR PATTERN, STEPPED WITH 4-CONES, SQUARE FACE AND ROUND NECK. SIZE NECK AS SHOWN ON DRAWINGS.	LAY-IN SURFACE MOUNT	NAILOR	RNS
R1	RETURN	EGGCRATE RETURN GRILLE, 24" x 24" NOMINAL FACE, STEEL BORDER WITH ALUMINUM 1/2" x 1/2" x 1/2" CORE. SIZE NECK AS SHOWN ON DRAWINGS.	LAY-IN SURFACE MOUNT	NAILOR	61EC
E1	EXHAUST	EGGCRATE EXHAUST GRILLE, 12" x 12" NOMINAL FACE, ALL ALUMINUM 1/2" x 1/2" x 1/2" CORE. SIZE NECK AS SHOWN ON DRAWINGS.	LAY-IN SURFACE MOUNT	NAILOR	51EC

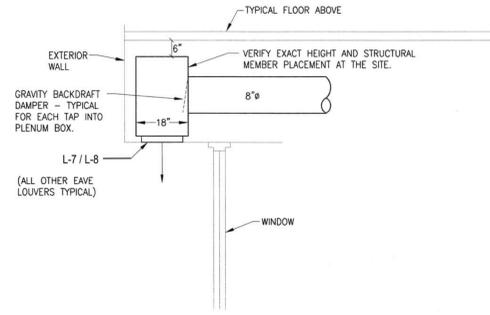
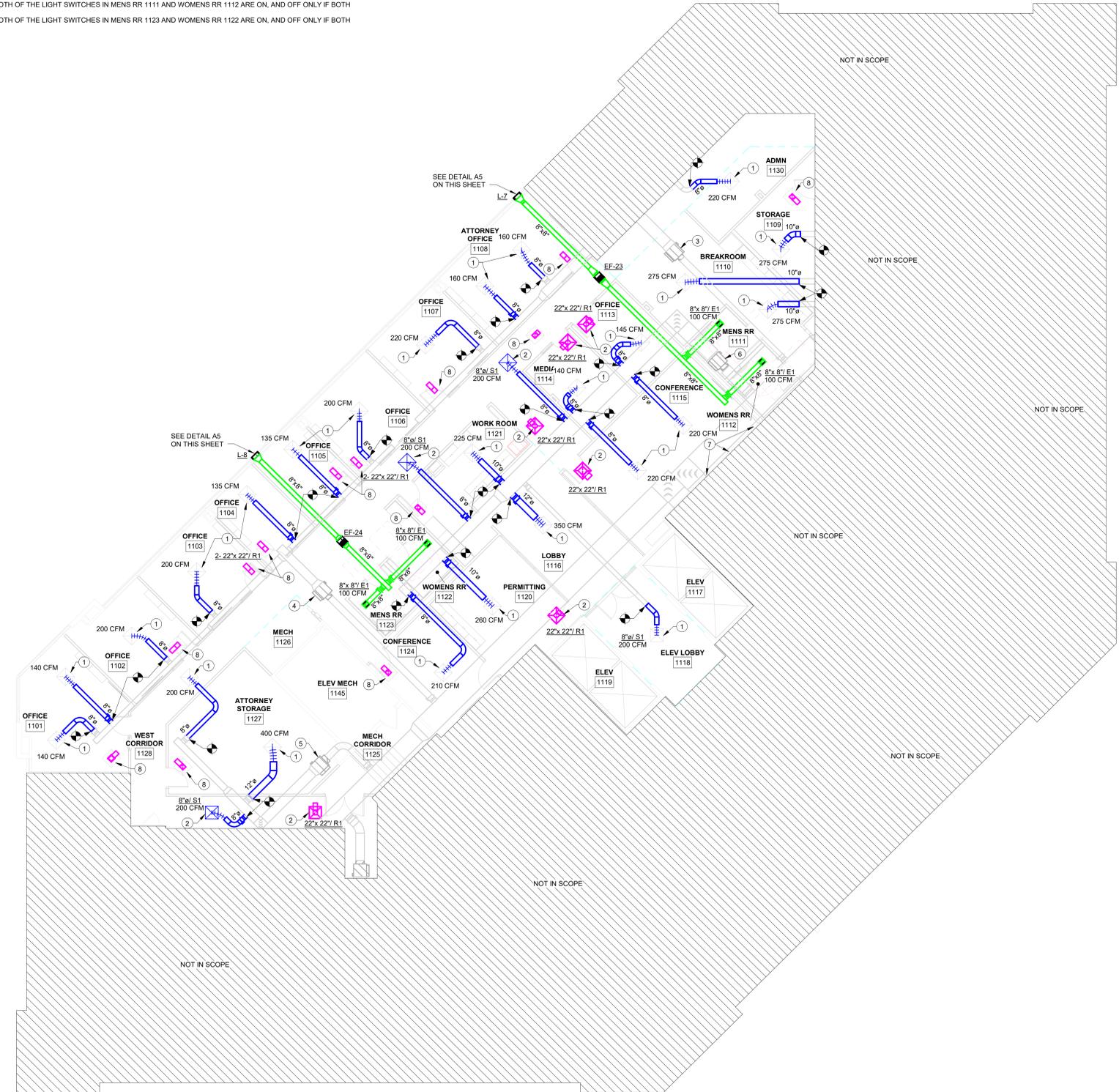
- NOTES:
- AIR DEVICES SCHEDULED TO BE MANUFACTURED BY NAILOR. PRICE, TITUS, AND RUSKIN ARE CONSIDERED EQUIVALENT MANUFACTURERS.
 - UNLESS SCHEDULED OTHERWISE, AIR DEVICES SHALL BE WHITE OR OFF-WHITE IN COLOR.
 - ALL JOISTS, CONDUITS, PIPING AND EQUIPMENT ABOVE OPEN RETURN DEVICES SHALL BE PAINTED BLACK FOR AN AREA OF 2 FEET ON ALL SIDES OF THE AIR DEVICE.
 - PROVIDE MANUAL BALANCING DAMPERS AT EACH SUPPLY AND EXHAUST AIR DUCT TAP. INSTALL MBD AT MAIN DUCT TAP.
 - PROVIDE INSULATING BLANKET ON BACK OF THE SUPPLY AND RETURN GRILLES.

GENERAL NOTES

- A. REFER TO GENERAL NOTES ON M-001.

KEY NOTES

- AS INDICATED BY: (8) —
- NEW LOCATION OF EXISTING AIR GRILLE.
 - INSTALL NEW AIR GRILLE.
 - EXISTING 'C-TYPE' FAN POWERED TERMINAL UNIT, CFM RANGE OF 800 - 1,200. BALANCE THIS UNIT TO 1,090 CFM.
 - EXISTING 'C-TYPE' FAN POWERED TERMINAL UNIT, CFM RANGE OF 800 - 1,200. BALANCE THIS UNIT TO 1,150 CFM.
 - EXISTING 'B-TYPE' FAN POWERED TERMINAL UNIT, CFM RANGE OF 550 - 800. BALANCE THIS UNIT TO 850 CFM.
 - EXISTING 'E-TYPE' FAN POWERED TERMINAL UNIT, CFM RANGE OF 1,500 - 3,300. BALANCE THIS UNIT TO 2,370 CFM.
 - EXISTING OPENING IN MECHANICAL ROOM WALL FOR RETURN AIR PLENUM TO FLOOR AIR HANDLING UNIT. DO NOT RESTRICT AIR FLOW TO OPENING FOR ANY REASON.
 - NEW LOCATION OF EXISTING AIR GRILLE. INSTALL NEW PLENUM RETURN BOOT.



04/10/2023

Parkhill.com

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	04/10/2023	Permit Set

A2 MECHANICAL PLAN - NEW
 1/8" = 1'-0"



A5 EAVE LOUVER DETAIL
 NTS

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ELECTRICAL ABBREVIATIONS

ABOVE COUNTER	AC	HORSEPOWER	HP
ABOVE FINISHED FLOOR	AFF	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA/IESNA	IMC
ALTERNATING CURRENT	ALM	INTERMEDIATE METAL CONDUIT	
AMERICAN NATIONAL STANDARDS INSTITUTE	ANSI		
AMERICAN STEEL WIRE GAUGE	ASWG	KILOVOLT	kV
AMERICAN WIRE GAUGE	AWG	KILOVOLT AMP	kVA
AMPERE	AMP	KILOWATT	kW
AMPERE INTERRUPTING CAPACITY	AIC	KILOWATT HOUR	kWh
AMPS SHORT CIRCUIT	ASC		
ARCHITECT	ARCH	LIQUIDTIGHT FLEXIBLE METAL CONDUIT	LFMC
AUDIO VISUAL	AV	LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT	LFNC
AUTHORITY HAVING JURISDICTION	AHJ	MAIN CIRCUIT BREAKER	MCB
AUTOMATIC TRANSFER SWITCH	ATS	MAIN LUGS ONLY	MLO
		MINIMUM CIRCUIT AMPS	MCA
CLOSED CIRCUIT TELEVISION	CCTV	MOTOR CONTROL CENTER	MCC
COAXIAL CABLE	COAX		
COLOR RENDERING INDEX	CRI	NATIONAL ELECTRICAL CODE	NEC
COMMUNICATIONS	COMM	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	NEMA
COPPER	CU	NATIONAL FIRE CODE	NFC
CURRENT TRANSFORMER	CT	NATIONAL FIRE PROTECTION ASSOCIATION	NFPA
		NORMALLY CLOSED	NC
DECIBEL	dB	NORMALLY OPEN	NO
DEMOLITION	DEMO	NOTIFICATION APPLIANCE CIRCUIT	NAC
DIRECT CURRENT	DC		
DOUBLE POLE, DOUBLE THROW	DPDT	POLY VINYL CHLORIDE	PVC
DOUBLE POLE, SINGLE THROW	DPST	POWER FACTOR	PF
EACH	EA	RIGID GALVANIZED STEEL	RGS
ELECTRIC	ELEC	RIGID NONMETALLIC CONDUIT	RNC
ELECTRICAL METALLIC TUBING	EMT		
ELECTRICAL NONMETALLIC TUBING	ENT	SINGLE PHASE	1Ø
FIRE ALARM	FA	SINGLE POLE, DOUBLE THROW	SPDT
FIRE ALARM ANNUNCIATOR PANEL	FAAP	SINGLE POLE, SINGLE THROW	SPST
FIRE ALARM CONTROL PANEL	FACP	SWITCHBOARD	SWBD
FLEXIBLE METALLIC CONDUIT	FMC		
FOOTCANDLE	FC	THREE PHASE	3Ø
FULL LOAD AMPS	FLA		
GAUGE	GA	UNINTERRUPTIBLE POWER SUPPLY	UPS
GENERATOR	GEN	VARIABLE FREQUENCY DRIVE	VFD
GROUND	GND	VOLT, VOLTS, VOLTAGE	VA
GROUND FAULT CIRCUIT INTERRUPTER	GFCI	VOLT AMPERE	WP
		WEATHERPROOF	

LIGHTING FIXTURE SCHEDULE

TYPE	ELECTRICAL DATA	MANUFACTURER	MODEL	LAMP	DESCRIPTION
A	120 V/1-45 VA	LITHONIA	2GTL-4-48L-EZ1-LP840	LED	2X4 LED TROFFER.
AE	120 V/1-45 VA	LITHONIA	2GTL-4-48L-EZ1-LP840-EL14L	LED	SAME AS TYPE "A" EXCEPT WITH EMERGENCY BATTERY PACK.
B	120 V/1-34 VA	LITHONIA	2GTL-4-40L-A12125-EZ1-LP840-N80	LED	2X4 LED TROFFER.
BE	120 V/1-34 VA	LITHONIA	2GTL-4-40L-A12125-EZ1-LP840-N80-EL14L	LED	SAME AS TYPE "B" EXCEPT WITH EMERGENCY BATTERY PACK.
C	120 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	120 V/1-0 VA	GOTHAM	EVO-3518-6AR-WD-LS-MVOLT-EL	LED	SAME AS TYPE "C" EXCEPT WITH EMERGENCY BATTERY PACK.
F	120 V/1-32 VA	LITHONIA	LBL4-400LM-80CRI-40K-MIN10-GZT-MVOLT	LED	1X4 LED SURFACE MOUNT FIXTURE.
FE	120 V/1-32 VA	LITHONIA	LBL4-400LM-80CRI-40K-MIN10-GZT-MVOLT-EL14L	LED	SAME AS TYPE "F" EXCEPT WITH EMERGENCY BATTERY PACK.

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	NOTE
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

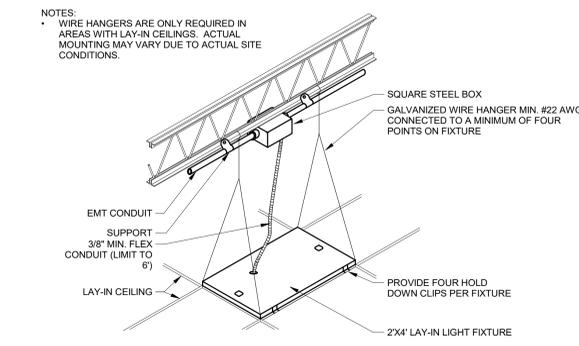
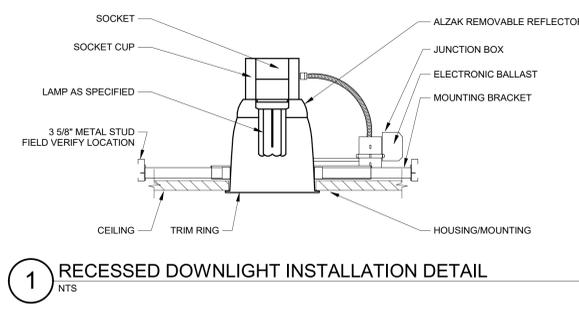
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	2x4 RECESSED LIGHT FIXTURE. DIAGONAL MARKING INDICATES EGRESS FIXTURE CONNECTED TO EMERGENCY POWER SUPPLY. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES SWITCH.		2x4 RECESSED LIGHT FIXTURE. UPPER CASE INDICATES TYPE IN SCHEDULE. LOWER CASE INDICATES 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. "UC" 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 NAME. 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.



1 RECESSED DOWNLIGHT INSTALLATION DETAIL
NTS

2 RECESSED LIGHT FIXTURE INSTALLATION DETAIL
NTS



GENERAL NOTES

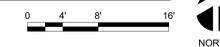
- A. COORDINATE LOCATION OF LIGHT FIXTURES WITH ARCHITECTURAL AND MECHANICAL.
- B. ALL EMERGENCY AND EGRESS LIGHTING SHALL BE CONNECTED TO THE SAME BRANCH CIRCUIT SERVING THE NORMAL LIGHTS AND SHALL BE ON THE LINE SIDE OF RELAYS OR SWITCHING DEVICES.
- C. REFER TO KEYED NOTES FOR CONTROL OF ADDITIONAL 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)
- 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. 924 RELAY FOR EMERGENCY EGRESS PURPOSES. CONNECT RELAY TO TURN ON LIGHT FIXTURE IF THE SWITCH IS IN THE OFF POSITION.



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

04/10/2023 PERMIT SET

DATE DESCRIPTION

**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. REFER TO SPECIFICATIONS AND COMMUNICATIONS 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
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GENERAL NOTES

- A. PROVIDE DUCT MOUNTED SMOKE DETECTORS/SAMPLING TUBES IN THE SUPPLY AIR DUCT OF ALL OF THE ROOF TOP UNITS OPERATING OVER 2000 CFM. THE CONTRACTOR SHALL FIELD VERIFY THE NUMBER AND LOCATION OF THE UNITS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- B. CONNECT DUCT DETECTORS TO SHUT DOWN INDIVIDUAL HVAC UNIT UPON DETECTOR ALARM. PROVIDE FIRE ALARM CONNECTION TO SMOKE DETECTORS AND FIRE/SMOKE DAMPERS. REFER TO MECHANICAL FOR SMOKE AND FIRE/SMOKE DAMPER LOCATIONS AND SHUT DOWN FANS REGARDLESS OF UNIT CFM. REFER TO MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE FOR HVAC UNITS REQUIRING DUCT MOUNTED SMOKE DETECTORS.
- C. PROVIDE 120V CONNECTION TO ALL FIRE/SMOKE DAMPERS. EXTEND AND CONNECT FIRE/SMOKE DAMPER TO FACP FOR CONTROL. CONTRACTOR SHALL PROVIDE ALL REQUIRED POWER SUPPLIES, CONTROL MODULES, RELAYS, WIRING AND CONDUIT.
- D. PROVIDE A DUCT MOUNTED SMOKE DETECTOR FOR EACH FIRE/SMOKE DAMPER. DUCT DETECTOR SHALL BE LOCATED IN UPSTREAM DUCTWORK WITHIN 5'-0" OF FIRE /SMOKE DAMPER. WHERE FIRE/SMOKE DAMPER IS LOCATED IN OPEN AIR FLENUM, CONTRACTOR SHALL PROVIDE A SPOT TYPE SMOKE DETECTOR WITHIN 5'-0" OF DAMPER (UPSTREAM SIDE). CONNECT DETECTOR TO SHUT DOWN CORRESPONDING HVAC UNIT AND FIRE/SMOKE DAMPER. PROVIDE REMOTE TEST/RESET SWITCH ADJACENT TO DUCT DETECTOR IN CEILING OR IN MECHANICAL ROOM.
- E. 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.
- F. AT LOCATIONS WHERE SMOKE DETECTORS ARE REQUIRED FOR FIRE FIGHTER'S SERVICE, THE CONTRACTOR SHALL COORDINATE ACTUAL LOCATION AND NUMBER OF DEVICES.
- G. COORDINATE LOCATIONS OF ALL DEVICES PRIOR TO ROUGH-IN TO AVOID CONFLICTS WITH MILL WORK, MARKERBOARD, ETC.

KEY NOTES

AS INDICATED BY: (#)

- 1. CARD READER. MOUNT BACK BOX AT 48" AFF. AND ROUTE 1" CONDUIT ABOVE CEILING TO AN ACCESSIBLE SPACE (TYPICAL).
- 2. TYPICAL SPEAKER STROBE.
- 3. TYPICAL STROBE.
- 4. TYPICAL DATA DROP. PROVIDE SINGLE GANG BOX, 3/4" CONDUIT 6" ABOVE CEILING TO AN ACCESSIBLE SPACE.
- 5. CABLE TRY INSTALLED 6" ABOVE CEILING. CONTRACTOR TO DETERMINE NECESSARY LENGTH TO TIE INTO EXISTING AT THESE APPROXIMATE LOCATIONS.
- 6. NEW TYPICAL TV DATA DROP MOUNTED AT 60" AFF. EXTEND TO AN ACCESSIBLE LOCATION ABOVE CEILING.
- 7. TYPICAL SMOKE DETECTOR.
- 8. TYPICAL FLOOR BOX COMBINATION OF DATA AND POWER. EXTEND TO THE NEAREST WALL AND ABOVE CEILING TO AN ACCESSIBLE LOCATION.



1 11TH Electrical Communications Plan
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