

JUNE 1, 2022

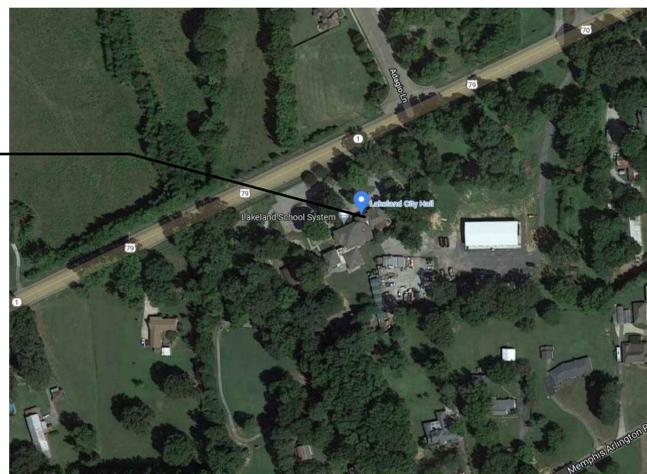
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ADA UPGRADES TO THE LAKELAND CITY HALL

10001 US-70
LAKELAND, TN
38002

PROJECT SITE:



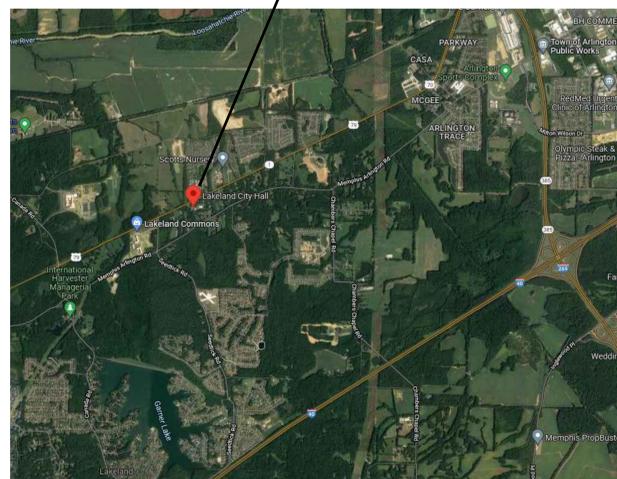
VICINITY MAP

N.T.S.



NORTH

PROJECT SITE:



REGIONAL MAP

N.T.S.



NORTH



Pickering Firm, Inc.
 Facility Design • Civil Engineering • Surveying • Transportation • Natural / Water Resources
 6363 Poplar Avenue, Suite 300, Memphis, TN 38119
 901.726.0810

PROJECT # 26286.00

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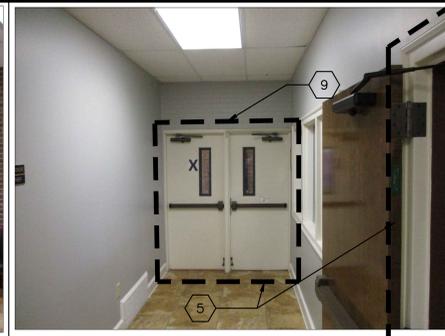
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2E DEMOLITION PHOTO
NOT TO SCALE



3E DEMOLITION PHOTO
NOT TO SCALE



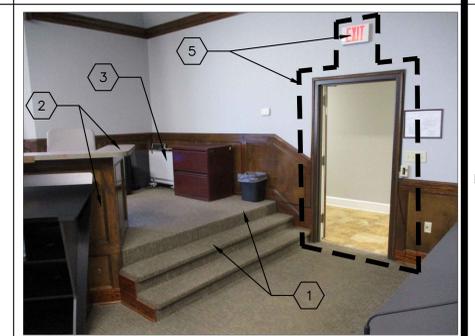
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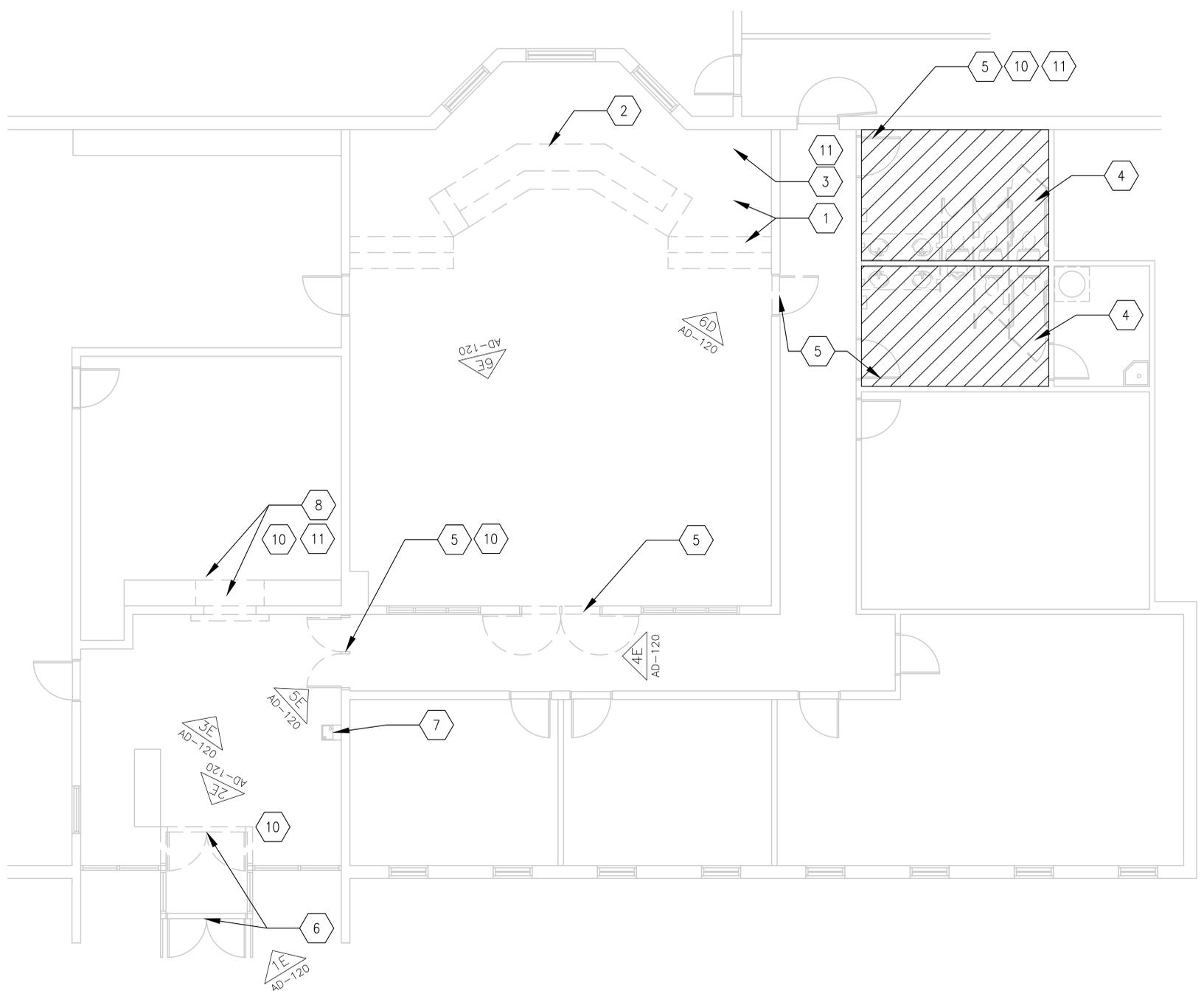
5E DEMOLITION PHOTO
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6E DEMOLITION PHOTO
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6D DEMOLITION PHOTO
NOT TO SCALE



2A DEMOLITION PLAN
1/4" = 1'-0"



REVISIONS:

PROJECT #: 26286.00
DATE: SEP 21, 2022
DRAWN BY: PFI
DESIGNER: PFI
CHECKED BY: PFI



ADA UPGRADES LAKELAND CITY HALL
10001 U.S. HIGHWAY 70
LAKELAND, TN 38002



SHEET NUMBER:
A-120
DESCRIPTION:
DEMOLITION PLAN

SHEET LEGEND

	EXISTING FLOORING, FINISHES AND CEILING GRID TO BE REMOVED
	EXISTING WALL TO BE REMOVED
	EXISTING DOOR TO BE REMOVED



FINISH NOTES

- 1 PAINTS BY PPG. (1) PRIMER COAT AND (2) FINISH COATS. STL. DOORS & FRAMES TO BE ENAMEL FINISH. WALLS TO BE SEMI-GLOSS TO MATCH EXISTING.
- 2 TOILET PARTITIONS TO BE STAINLESS STEEL - 400 SERIES BY BRADLEY.
- 3 CERAMIC TILE - FLOOR - DAL-TILE, 12" x 24" 1/3RD PATTERN, 1/4" GROUT JOINT, COLOR TO BE ASTRONOMY-ORION AT71. WALL TILE TO BE DAL-TILE, CENTER CITY, DELANCEY GREY; NATURAL LIMESTONE, 6" x 24", RANDOM LINEAR. GROUT FOR TILE TO BE MAPEI. COLOR TO BE DETERMINED. TILE PATCH AT AREAS OF DEMOLITION TO MATCH EXISTING.
- 4 WOOD BASE COVE - PROFILE TO MATCH EXISTING.
- 5 CEILING TILE-ARMSTRONG PRELUDE XL 15/16", BEVELED TEGULAR-ULTIMA 2'-0" x 2'-0". FINE FISSURED # 1713.
- 6 CARPET BY INTERFACE: OPEN AIR, 401 SERIES, COLOR: STONE - ASHLAR PATTERN
- 7 MILLWORK STAINED TO MATCH EXISTING. LAMINATES TO MATCH EXIST. ADJ. MILLWORK
- 8 FLOORING INFILL TO MATCH EXIST.
- * INTERIOR PAINT-VERIFY PAINT COLORS W/ OWNER PRIOR TO INSTALLATION.

APPLICABLE CODES

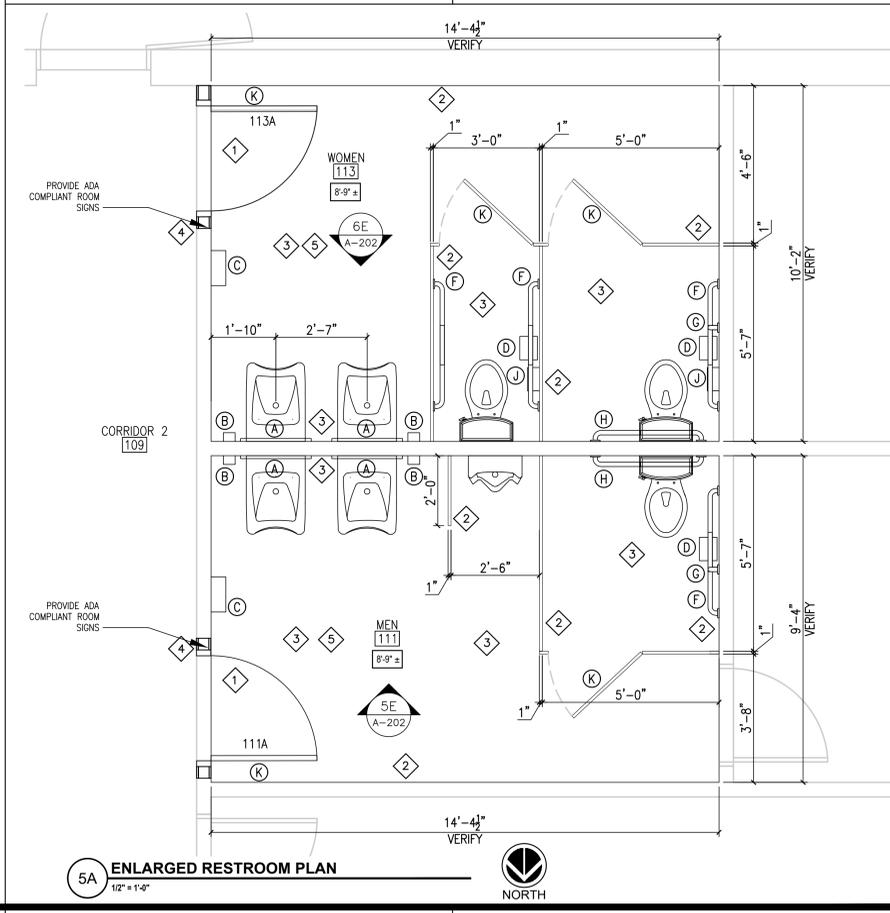
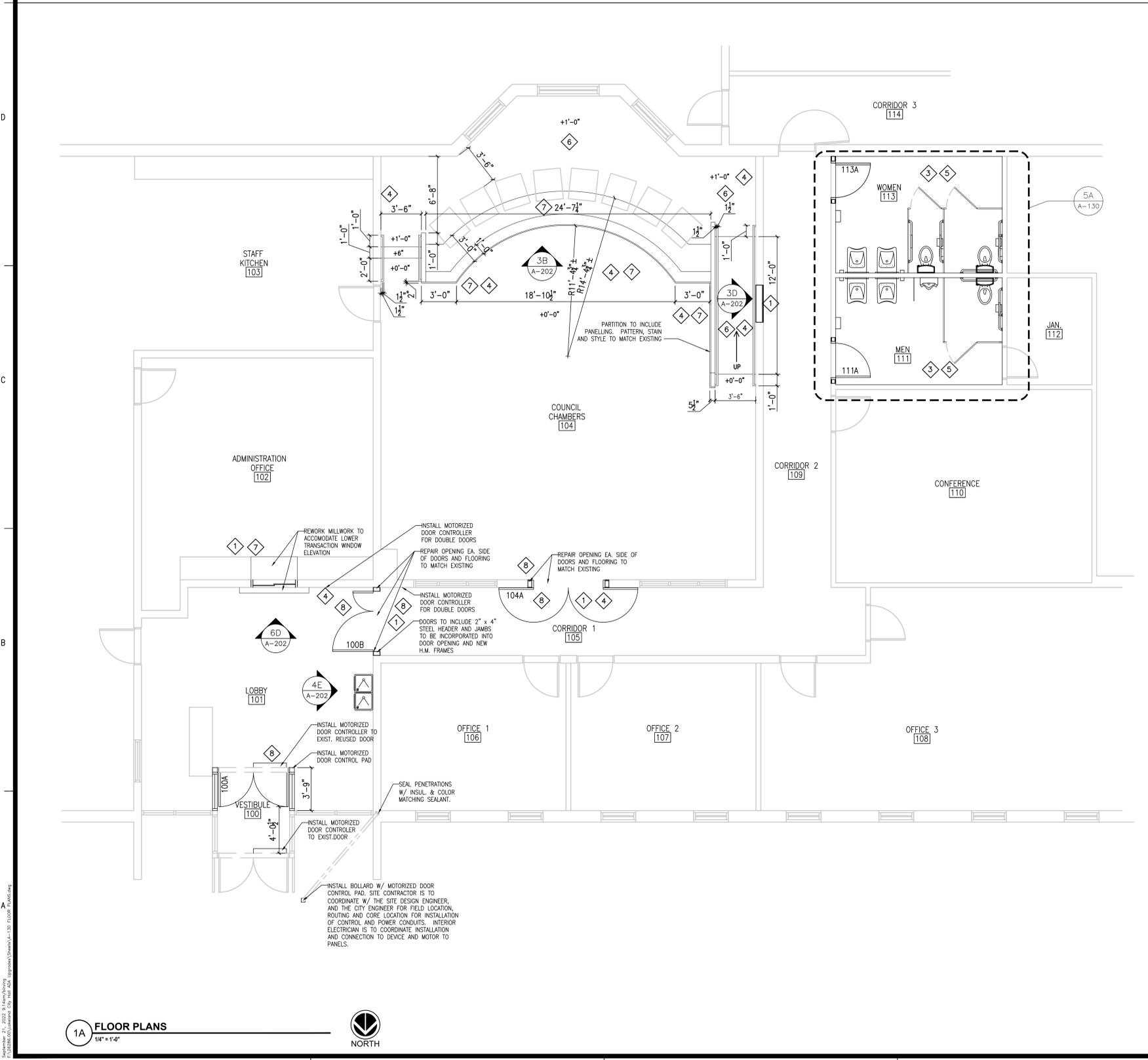
- 2021 INTERNATIONAL BUILDING CODE
- 2021 INTERNATIONAL FUEL GAS CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2021 NATIONAL ELECTRIC CODE NFPA 70
- 2021 INTERNATIONAL FIRE CODE
- 2021 INTERNATIONAL EXISTING BUILDING CODE
- 2017 ADA STANDARDS FOR ACCESSIBLE DESIGN
- 2021 NFPA101 LIFE SAFETY CODE
- 2012 INTERNATIONAL ENERGY CONSERVATION CODE

SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	VIEW NUMBER SHEET NUMBER
	SECTION MARK
	ELEVATION MARK
	F.F.E. FINISH FLOOR ELEVATION
	FINISH NOTES
	KEY NOTE
	ACCESSORY NOTE
	DOOR TAG NUMBER
	CEILING HEIGHT

MATERIAL SYMBOLS

	CONCRETE		GLASS
	GYPSUM WALL BOARD		ROUGH WOOD
	STEEL/OTHER METALS		PLYWOOD



1A FLOOR PLANS
1/4" = 1'-0"

5A ENLARGED RESTROOM PLAN
1/2" = 1'-0"



REVISIONS:

PROJECT #: 26286.00
DATE: SEP 21, 2022
DRAWN BY: PFI
DESIGNER: PFI
CHECKED BY: PFI



ADA UPGRADES LAKELAND CITY HALL
10001 U.S. HIGHWAY 70
LAKELAND, TN 38002



SEAL:

SHEET NUMBER:
A-130

DESCRIPTION:
FLOOR PLANS

NO.	DESCRIPTION	DATE

PROJECT #: 26286.00
 DATE: SEP 21, 2022
 DRAWN BY: PFI
 DESIGNER: PFI
 CHECKED BY: PFI



ADA UPGRADES LAKELAND CITY HALL
 10001 U.S. HIGHWAY 70
 LAKELAND, TN 38002

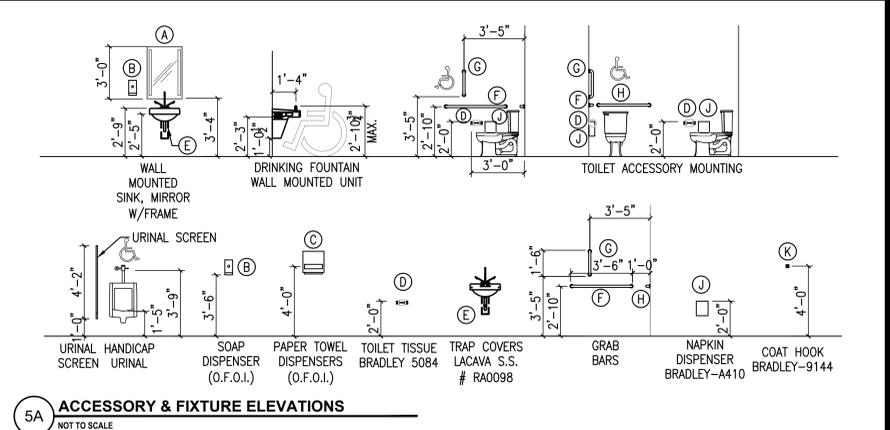
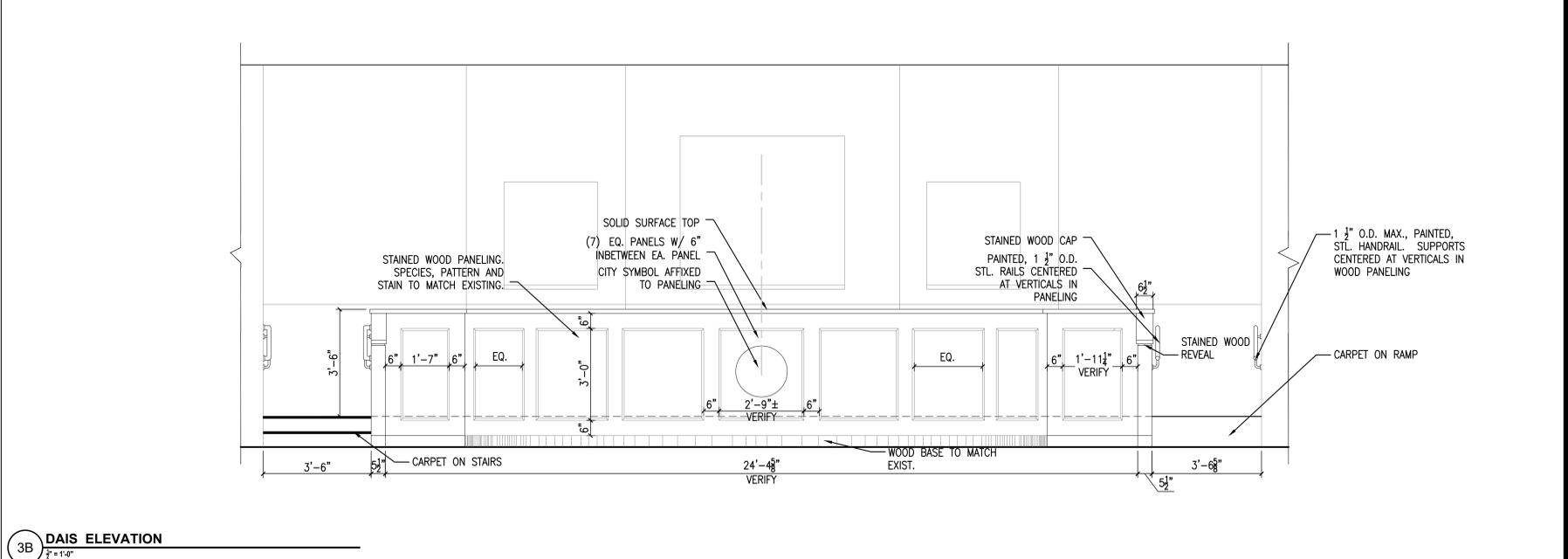
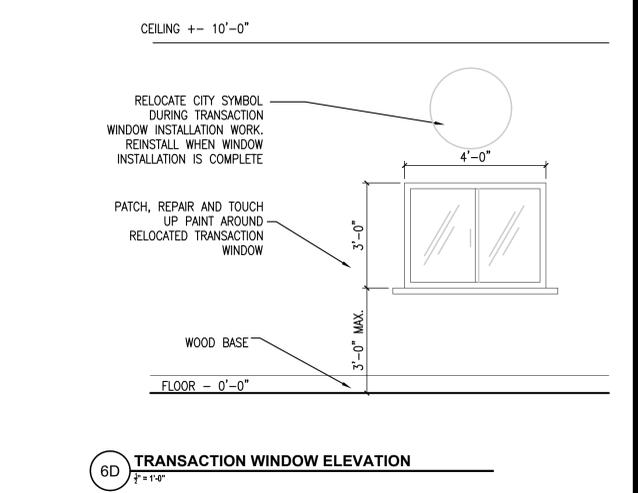
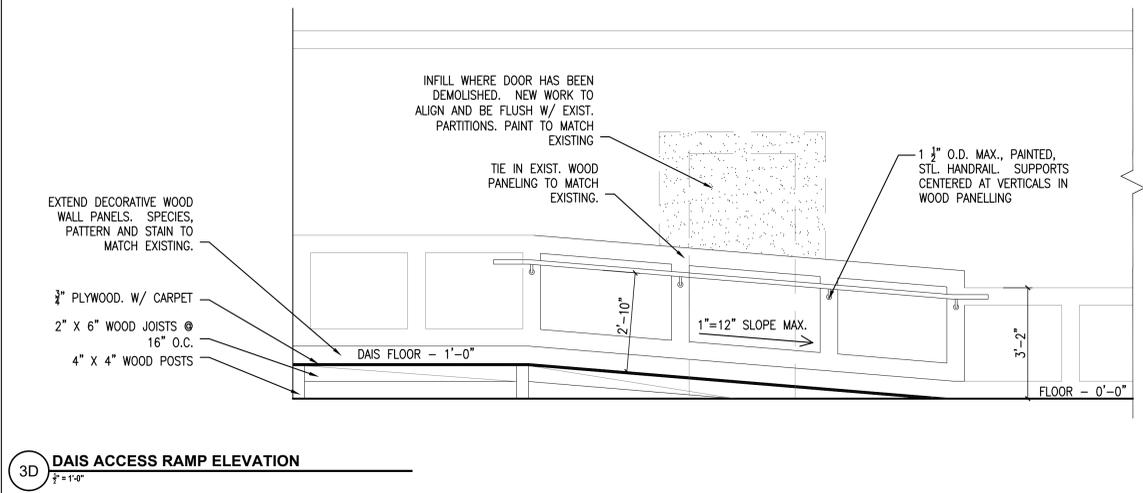
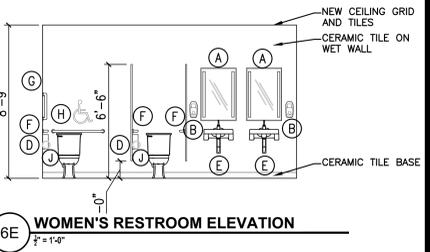
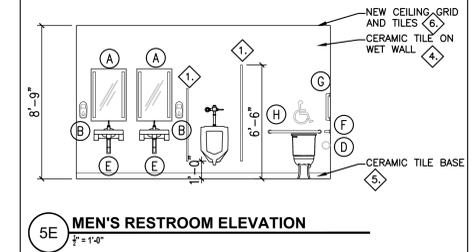
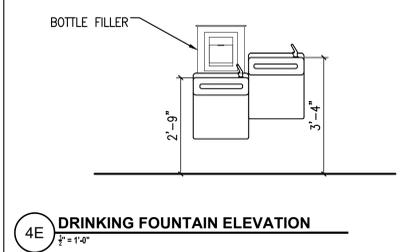


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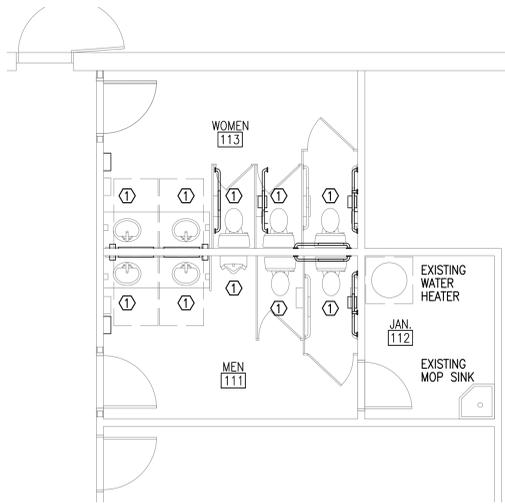
 Thomas R. McConkey
 State of Tennessee
 License No. 14522
 Mechanical

SHEET NUMBER:
A-202

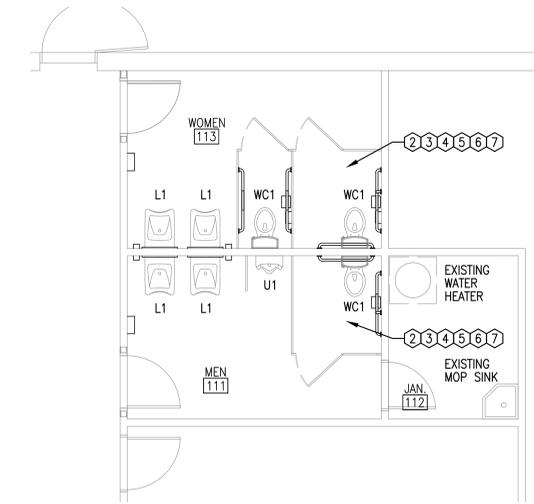
DESCRIPTION:
 INTERIOR ELEVATIONS



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 PFI



2D PLUMBING DEMOLITION PLAN
1/4" = 1'-0"



4D PLUMBING FLOOR PLAN
1/4" = 1'-0"

- PLUMBING KEYNOTES:**
- ① REMOVE ALL PLUMBING FIXTURES IN THE RESTROOMS AND REMOVE FROM SITE.
 - ② MODIFY PLUMBING ROUGH-INS TO ACCOMMODATE NEW RESTROOM FOOTPRINT.
 - ③ PROVIDE 4" SAN. TO WATER CLOSETS, 2" SANITARY TO URINAL AND LAVATORIES.
 - ④ PROVIDE 2" VENT FROM WATER CLOSET, URINAL AND LAVATORIES. CONNECT NEW VENT TO EXISTING IN CEILING SPACE.
 - ⑤ CONNECT 1/2" CW TO WATER CLOSETS AND LAVATORIES.
 - ⑥ CONNECT 3/4" CW TO URINAL.
 - ⑦ CONNECT 1/2" HW TO LAVATORIES.

SPECIFICATIONS

- PRODUCTS**
- A. SANITARY SEWER PIPING, BURIED**
1. PVC PIPE: ASTM D-2665, D-1785, SCHEDULE 40 PVC.
 - A. FITTINGS: PVC
 - B. JOINTS: ASTM D2855, SOLVENT WELD WITH ASTM D2564 SOLVENT CEMENT.
- B. SANITARY SEWER PIPING, ABOVE GRADE**
1. PVC PIPE: ASTM D-2665, D-1785, SCHEDULE 40 PVC.
 - A. FITTINGS: PVC
 - B. JOINTS: ASTM D2855, SOLVENT WELD WITH ASTM D2564 SOLVENT CEMENT.
- C. WATER PIPING ABOVE GRADE**
1. COPPER TUBING: ASTM B88, TYPE L, HARD DRAWN.
 - A. FITTINGS: ASME B16.18, CAST BRONZE, OR ASME B16.22, WROUGHT COPPER AND BRONZE.
 - B. JOINTS: ASTM B32, SOLDER, GRADE 95TA.
- E. GLASS FIBER PIPE INSULATION:**
1. INSULATION: ASTM C547; RIGID MOLDED, NON COMBUSTIBLE. WITH ALL SERVICE JACKET. "K" VALUE = .024 @ 75° F.
 2. VAPOR BARRIER JACKET, ASTM C921, WHITE KRAFT PAPER REINFORCED WITH GLASS FIBER YARN AND BONDED TO ALUMINIZED FILM.
- | INSULATION SCHEDULE: | PIPE SIZE | THICKNESS |
|----------------------------|-----------|-----------|
| DOMESTIC HOT WATER SUPPLY | ALL | 1" |
| DOMESTIC COLD WATER SUPPLY | ALL | 1/2" |
- F. PIPE HANGERS AND SUPPORTS**
1. PLUMBING PIPING - DWV & WATER PIPING.
 - A. CONFORM TO ASME B31.9.
 - B. HANGERS FOR PIPE SIZES 1/2" TO 1-1/2": MALLEABLE IRON, ADJUSTABLE SWIVEL, CLEVIS.
 2. PROVIDE SHEET METAL SHIELDS AT HANGER LOCATIONS.
- | PIPE SIZE | MAX. SUPPORT BRACING (FEET) | HANGER ROD DIAMETER |
|----------------|-----------------------------|---------------------|
| 1/2" TO 1-1/4" | 6.5' | 3/8" |
| 1-1/2" TO 2" | 10' | 3/8" |
| 2-1/2" TO 4" | 5' | 3/8" |

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	SOIL	WASTE	VENT	CW	HW	REMARKS
WC1	WATER CLOSET, FLOOR MTD., FLUSH VALVE ADA	4"	—	2"	1/2"	—	AMERICAN STANDARD 24670167.020 BOWL, 1/4 TURN SUPPLY AND STOP AND BEMIS B2155CT000 OPEN FRONT WHITE SEAT.
U1	URINAL HANDICAPPED	2"	—	2"	3/4"	—	AMERICAN STANDARD A6590001020 0.125 GPF BOWL, ZURN ZER6003AV-WS1 SENSOR OPERATED, BATTERY POWERED FLUSH VALVE AND WATTS WCA321 CARRIER. MOUNT AT ADA HEIGHT.
L1	WALL HUNG ADA HEIGHT	—	2"	2"	1/2"	1/2"	KOHLER K-12634 BOWL, ZURN Z6915XL SENSOR OPERATED, BATTERY POWERED FAUCET WITH 38-ZW3870-TMX MIXING VALVE, K-9000 1-1/4" TRAP, 1/4 TURN SUPPLY AND STOPS AND TRUEBRO 82192 TRAP, STOP AND SUPPLY INSULATION KIT. PROVIDE WITH WALL CARRIER.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
---	SOIL OR WASTE
---	VENT
---V.T.R.	VENT THRU ROOF
---	COLD WATER (C.W.)
---	HOT WATER (H.W.)
●	BALL VALVE
FCO	FLOOR CLEAN-OUT
WCO	WALL CLEAN-OUT

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DESIGNER: PFI
CHECKED BY: PFI



ADA UPGRADES LAKELAND CITY HALL
10001 U.S. HIGHWAY 70
LAKEAND, TN 38002



SEAL:

6/1/2022

SHEET NUMBER:
P-130

DESCRIPTION:
FLOOR PLAN

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ELECTRICAL SPECIFICATIONS

- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE NATIONAL ELECTRICAL CODE. ELECTRICAL DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATE APPROXIMATE LOCATIONS AND GENERAL ARRANGEMENTS OF THE ELECTRICAL WORK. COORDINATE THE EXACT LOCATIONS OF DEVICES, ETC. WITH THE MILLWORK, EQUIPMENT AND ARCHITECTURE.
- CONCEAL CONDUITS BELOW FLOORS, WITHIN WALLS AND ABOVE CEILINGS WHERE POSSIBLE.
- OUTLET BOXES SHALL BE FLUSH IN WALLS AND CEILINGS WHERE POSSIBLE.
- TEST ALL FIXTURES, DEVICES AND WIRING FOR PROPER OPERATION AND REMEDY ANY DEFECTS.
- ALL CONDUIT, BOXES, FIXTURES, DEVICES AND WIRING SHALL BE NEW UNLESS OTHERWISE INDICATED ON THE DRAWINGS. PROVIDE ALL HANGERS AND SUPPORTS AS REQUIRED. TIE WIRE AND PLASTIC TIE WRAPS ARE NOT ACCEPTABLE.
- PROVIDE SEISMIC BRACING FOR ALL CONDUIT AS REQUIRED.
- ABOVE GRADE CONDUIT SHALL BE EMT. BELOW GRADE SHALL BE PVC.
- CONDUIT FITTINGS SHALL BE ZINC COATED STEEL, RAIN TIGHT COMPRESSION TYPE. SET SCREW FITTINGS ARE NOT ACCEPTABLE.
- MINIMUM SIZE CONDUIT SHALL BE 3/4".
- WHERE CONDUITS PENETRATE FIRE RATED PARTITIONS, THEY SHALL BE SEALED IN AN APPROVED MANNER WITH FIRE RATED SEALANT. SEE THE PENETRATION DETAILS ON THE DRAWINGS.
- RUN CONDUITS PARALLEL AND PERPENDICULAR TO THE BUILDING LINES.
- OUTLET BOXES SHALL BE ZINC COATED STEEL, 4 INCH SQUARE OR NON-GANGABLE MULTI-DEVICE BOXES BY 2-1/8 INCHES DEEP WITH PLASTER RINGS. OUTLET BOXES SHALL BE SUPPORTED ON THE STUDS WITH APPROVED DEVICES AND NOT SUPPORTED FROM THE WALL MATERIAL.
- JUNCTION BOXES SHALL BE ZINC COATED STEEL, SIZE AS REQUIRED. 4 INCH SQUARE JUNCTION BOXES AND OUTLET BOXES IN THE CEILING SHALL BE SUPPORTED FROM THE TEE BAR OR CEILING SUPPORT MEMBER WITH A HANGER DESIGNED FOR THE PURPOSE AND NOT THE CEILING MATERIAL. LARGER JUNCTION BOXES SHALL BE SUPPORTED FROM THE STRUCTURE.
- WIRE SHALL BE THWN OR THHN STRANDED COPPER UNLESS OTHERWISE INDICATED. THE MINIMUM SIZE SHALL BE NO. 12.
- COLOR CODING OF THE WIRE SHALL BE THE SAME AS THE EXISTING.
- INSULATION ON WIRING NO. 8 AND SMALLER SHALL BE FACTOR COLOR CODED.
- WIRE CONNECTORS FOR NO. 8 AND SMALLER SHALL BE TOOL APPLIED, INSULATED, TWIST-ON TYPE APPROVED FOR THE WIRE SIZES.
- WIRING DEVICES SHALL BE HUBBELL 1220 SERIES OR AS APPROVED.
- DUPLEX RECEPTACLES SHALL BE 20A, 125 VAC, 3 POLE, 3 WIRE, GROUNDING TYPE, SPECIFICATION GRADE: HUBBELL 5362 OR AS APPROVED.
- GROUND FAULT INTERRUPTER RECEPTACLES SHALL BE DUPLEX 20A, 125 VAC. FEED THROUGH 5 MA TYPE WITH TEST AND RESET BUTTONS: HUBBELL GFR5362 OR AS APPROVED.
- THE COLOR OF ALL WIRING DEVICES SHALL BE WHITE UNLESS OTHERWISE INDICATED.
- ALL WIRING DEVICE PLATES SHALL BE THOSE THAT MATCH THE EXISTING SWITCHPLATES AND SCREWS TO MATCH THE PLATE.
- LIGHTING OCCUPANCY SENSORS SHALL BE THE TYPES INDICATED ON THE DRAWINGS OR AS APPROVED. PROVIDE POWER PACKS, CONTROLLERS AND RELAYS AS REQUIRED. SENSORS SHALL BE MOUNTED ON OUTLET BOXES MOUNTED IN THE CEILING. POWER PACKS, CONTROLLERS AND RELAYS SHALL BE MOUNTED ON JUNCTION BOXES ABOVE THE CEILING. PROVIDE LINE VOLTAGE AND LOW VOLTAGE WIRING AS REQUIRED BY THE MANUFACTURER AND REQUIRED BY CODE. LOW VOLTAGE WIRING MAY BE RUN WITHOUT CONDUIT BY SUPPORTED PER CODE. ALL SPLICES AND JUNCTIONS SHALL BE MADE IN THE OUTLET OR JUNCTION BOXES. SENSORS SHALL BE INSTALLED, AIMED AND ADJUSTED PER THE MANUFACTURERS INSTRUCTIONS AND TESTED AND ADJUSTED FOR PROPER OPERATION.
- LIGHTING FIXTURES SHALL BE THOSE LISTED ON THE DRAWINGS OR AS APPROVED.
- BATTERY UNITS IN FIXTURES SHALL BE THE FIXTURE MANUFACTURERS STANDARD UNIT WITH SELF-DIAGNOSTICS, INDICATOR LIGHT AND TEST SWITCH.
- ALL FIXTURES SHALL BE SUPPORTED FROM THE CEILING SUPPORT SYSTEM WITH APPROVED HANGERS AND NOT THE CEILING MATERIAL. RECESSED FIXTURES SHALL BE SECURED TO THE CEILING TEE BAR OR SUPPORT SYSTEM WITH FIXTURE AT EACH OF THE FOUR CORNERS OF THE FIXTURE. IN ADDITION, SUPPORT THE FIXTURE FROM THE STRUCTURE ABOVE WITH TWO NO. 12 GAUGE STEEL WIRES ATTACHED TO THE FIXTURE AT DIAGONALLY OPPOSITE CORNERS. THE RECESSED CAN TYPE FIXTURES SHALL HAVE A NO. 12 GAUGE STEEL WIRE ATTACHED TO AS NEAR THE CENTER OF THE FIXTURE AS POSSIBLE AND THE STRUCTURE ABOVE.
- EXIT SIGNS SHALL BE SECURED TO AN OUTLET BOX WITH A MINIMUM OF 2 SCREWS.
- CIRCUIT CONNECTIONS TO LIGHTING FIXTURES SHALL BE MADE WITH A MINIMUM 3/4 INCH FLEXIBLE METAL CONDUIT, MINIMUM 4 FEET, MAXIMUM 6 FEET IN LENGTH.
- EMT CONDUIT FITTINGS SHALL BE ZINC COATED STEEL, RAIN TIGHT COMPRESSION TYPE. SET SCREW FITTINGS ARE NOT ACCEPTABLE. FLEXIBLE METAL CONDUIT SHALL BE ZINC COATED OR GALVANIZED STRIP STEEL WITH CLAMP TYPE FITTING WITH INSULATED THROATS.
- WIRE SHALL BE THWN OR THHN STRANDED COPPER. THE MINIMUM SIZE SHALL BE NO. 12. TYPE MC CABLE SHALL BE STRANDED COPPER CONDUCTORS, #12 MINIMUM TYPE THHN WITH POLYESTER TAPE AND STEEL JACKET. MC CABLE SHALL BE USED ONLY IN DRY INTERIOR LOCATIONS WHERE IT CAN BE CONCEALED IN WALLS OR CEILINGS. MC CABLE SHALL NOT BE RUN EXPOSED. FITTINGS SHALL BE UL LISTED FOR USE WITH MC CABLE.

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A	AMPERE
AC	ALTERNATING CURRENT
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
AT	AMPERE TRIP
AWG	AMERICAN WIRE GAUGE
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CF	COMPACT FLUORESCENT
CKT	CIRCUIT
CLC	CLOCK
CLG	CEILING
CONTRL	CONTROL
CONN	CONNECTION
CR	CONTROL RELAY
CU	COPPER
DC	DIRECT CURRENT
DISC	DISCONNECT
DM	DEMAND
DWG	DRAWING
EQ	EMPTY CONDUIT
EDF	ELECTRIC DRINKING FOUNTAIN
EF	EXHAUST FAN
EMT	ELECTRICAL METALLIC TUBING
EP	EXPLOSION PROOF
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FLR	FLOOR
FLUOR	FLUORESCENT
FNWR	FULL VOLTAGE NON REVERSING
GB	GROUND BUSBAR
GFI	GROUND FAULT INTERRUPTING
GND	GROUND
GRS	GALVANIZED RIGID STEEL
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTO
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INC	INCANDESCENT
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLTS
KVA	KILOVOLT-AMPERES
KW	KILOWATT
LC	LIGHTING CONTACTOR
LTG	LIGHTING
MAG	MAGNETIC
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG HT	MOUNTING HEIGHT
N	NEUTRAL
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION
NF	NON FUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
PC	PART CIRCUIT
PF	POWER FACTOR
PH OR Ø	PHASE
PIV	POST INDICATOR VALVE
PNL	PANELBOARD
RECEPT	RECEPTACLE
REF	REFERENCE
REL	RELOCATED
RGSC	RIGID GALVANIZED STEEL CONDUIT
S	SURFACE MOUNT
SCH	SCHEDULE
SN	SOLID NEUTRAL
SPD	SURGE PROTECTIVE DEVICE
SPECS	SPECIFICATIONS
SBRD	SWITCHBOARD
SW	SWITCH
SWGR	SWITCHGEAR
TBB	TELEPHONE BACKBOARD
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UOI	UNLESS OTHERWISE INDICATED
V	VOLT
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
XFMR	TRANSFORMER
30/3	30 AMPERE, 3 POLE

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
GENERAL	
	PANELBOARD, SEE PANEL SCHEDULES FOR DETAILS
	RACEWAY CONCEALED IN WALL OR CEILING OR RUN EXPOSED
	RACEWAY CONCEALED UNDER FLOOR OR BELOW GRADE
	HOMERUN TO PANELBOARD - LETTERS INDICATE PANEL, NUMBERS INDICATE CIRCUIT
	CONDUIT RISER UP
	CONDUIT RISER DOWN
	CONDUIT STUBBED AND CAPPED
NOTE: ANY CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A 2 WIRE NO.12 AWG CIRCUIT WITH A No.12 GROUND, A GREATER NUMBER OF WIRES IS INDICATED AS FOLLOWS:	
	3 WIRE, 2 CIRCUITS & GROUND (LONGER SLASH INDICATES NEUTRAL)
	4 WIRE, 3 CIRCUITS & GROUND, ETC.
(WIRING LARGER THAN NO.12 AWG SHALL BE AS NOTED)	
	CONNECTION TO EQUIPMENT
	JUNCTION BOX
	PUSHBUTTON (TYPE AS INDICATED)
	EQUIPMENT CONTROL PANEL, UNIT MOUNTED
RECEPTACLES	
	DUPLEX RECEPTACLE, 20A, NEMA 5, 120V., MH=18" UNO
	DUPLEX RECEPTACLE, 20A, NEMA 5, 120V., GROUND FAULT INTERRUPTING, MH=18" AFF, UNO MH=18", UNO
	DUPLEX RECEPTACLE, 20A., NEMA 5, 120V., MOUNTED ABOVE COUNTER
LIGHTING	
	LIGHT FIXTURE, RECESSED LAY-IN OR FLANGED TYPE, LETTER INDICATES TYPE
	LIGHT FIXTURE WITH EMERGENCY BATTERY BALLAST, LETTER INDICATES TYPE
	SINGLE FACE EXIT LIGHT, WALL MOUNTED, HATCHED AREA INDICATES FACE
SWITCHES	
	SINGLE POLE SWITCH
	OCCUPANCY SENSOR - WALL MOUNT - WATTSTOPPER #DSW-301-I
AUXILIARY	
	DATA OUTLET

PROJECT GENERAL NOTES

- THE WORK DEPICTED ON THE DRAWINGS IS DIAGRAMMATIC. HARMONIZE THE WORK WITH THAT OF OTHER TRADES SO INTERFERENCE AMONG CONDUITS, EQUIPMENT, DUCTS, PIPING, ARCHITECTURAL AND STRUCTURAL WORK WILL BE AVOIDED.
 - 20 AMP BRANCH CIRCUITS CONDUCTORS SHALL BE #12 A.W.G. U.O.I. IF CIRCUIT LENGTH EXCEEDS RESPECTIVE LENGTH INDICATED BELOW CONTRACTOR TO PROVIDE LARGER CONDUCTORS AND RESPECTIVE CONDUIT/RACEWAY SIZE TO MEET ALL NEC REQUIREMENTS. WHERE INCREASED WIRE SIZE WILL NOT FIT IN THE TERMINALS OR LUGS OF THE EQUIPMENT OR DEVICE, PROVIDE PITTAILS TO REDUCE TO #12. PROVIDE ANY JUNCTION BOXES AS REQUIRED:
 - FOR 120V/20A BRANCH CIRCUITS
 - 0'-100' PANEL TO FARTHEST OUTLET OR DEVICE: #12 WIRE.
 - 101'-200' PANEL TO FARTHEST OUTLET OR DEVICE: #10 WIRE.
 - 201'-300' PANEL TO FARTHEST OUTLET OR DEVICE: #8 WIRE.
 - 301'-400' PANEL TO FARTHEST OUTLET OR DEVICE: #6 WIRE.
 - 401'-500' PANEL TO FARTHEST OUTLET OR DEVICE: #4 WIRE.
 - 501'-600' PANEL TO FARTHEST OUTLET OR DEVICE: #3 WIRE.
 - 601'-700' PANEL TO FARTHEST OUTLET OR DEVICE: #2 WIRE.
 - FOR 277V/20A BRANCH CIRCUITS
 - 0'-200' PANEL TO FARTHEST OUTLET OR DEVICE: #12 WIRE.
 - 201'-400' PANEL TO FARTHEST OUTLET OR DEVICE: #10 WIRE.
 - 401'-600' PANEL TO FARTHEST OUTLET OR DEVICE: #8 WIRE.
 - 601'-800' PANEL TO FARTHEST OUTLET OR DEVICE: #6 WIRE.
- PROVIDE GROUNDING IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (N.E.C.) ARTICLE 250.
 - PROVIDE ALL BRANCH CIRCUIT WIRING AND RACEWAYS TO ALL FIXTURES, DEVICES AND EQUIPMENT TO CONNECT THEM TO THE CIRCUITS INDICATED.
 - WIRE FOR BRANCH CIRCUITS AND SUBFEEDERS IS TO BE COPPER UNLESS OTHERWISE NOTED.
 - ALL HORIZONTAL RUNS OF CONDUIT AND CABLE SHALL BE RUN AT THE TOP CORNOR OF THE BAR JOISTS.
 - CIRCUIT NUMBERS ARE BASED ON AS-BUILT DRAWING INFORMATION AND MAY BE AT VARIANCE WITH ACTUAL CONDITIONS. FIELD INVESTIGATE CIRCUITING AND MAKE ADJUSTMENTS TO CIRCUIT ASSIGNMENTS IN PANELS AS REQUIRED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING FINAL CONNECTIONS TO ALL OWNER FURNISHED MECHANICAL EQUIPMENT AS REQUIRED.
 - FIELD VERIFY EXISTING CONDITIONS AND PROJECT SCOPE PRIOR TO BIDDING THE PROJECT.
 - ALL EXISTING SWITCHBOARDS, PANELS, TRANSFORMERS, AND ASSOCIATED FEEDERS SHALL REMAIN UNLESS OTHERWISE INDICATED.
 - TURN OFF ALL UNUSED CIRCUIT BREAKERS AND RELABEL AS SPARES ON CIRCUIT CARDS.
 - THE ELECTRICAL CONTRACTOR SHALL LABEL ALL NEW AND RELOCATED SWITCHES, RECEPTACLES, OUTLETS AND EQUIPMENT CONNECTIONS. THE LABEL SHALL BE SIMILAR TO A P-TOUCH WHITE LABEL. THE LABEL SHALL HAVE THE PANEL AND CIRCUIT NUMBER. TAPE SHALL BE 3/8" WIDE WITH 18 POINT BLOCK, ARIAL, BOLD CHARACTERS.

REVISIONS:

PROJECT #: 26286.00

DATE: SEP 21, 2022

DRAWN BY: PFI

DESIGNER: PFI

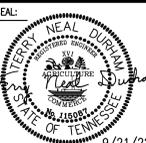
CHECKED BY: PFI



Pickering Firm, Inc.
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ADA UPGRADES LAKELAND CITY HALL

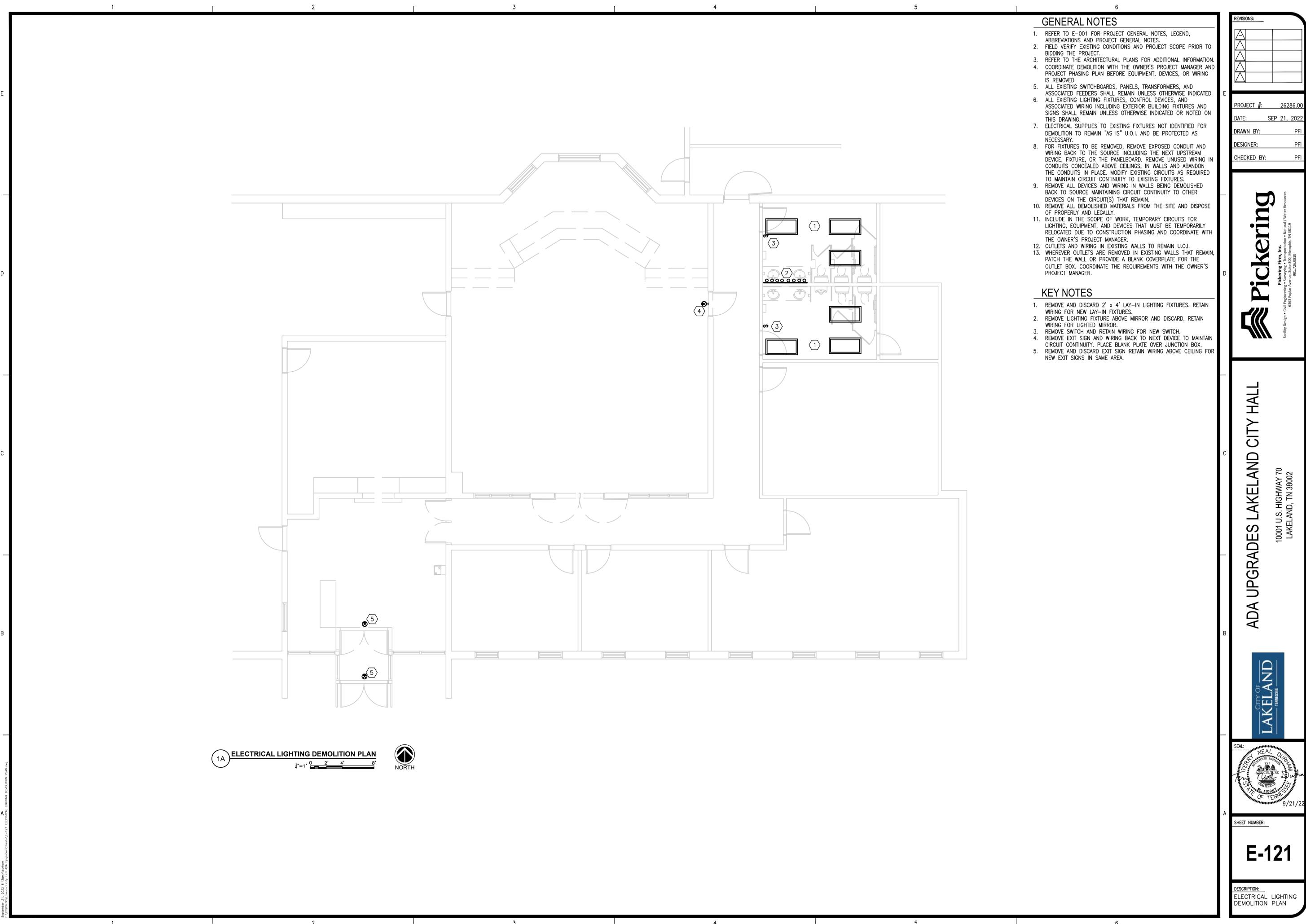
10001 U.S. HIGHWAY 70
 LAKELAND, TN 38002



SHEET NUMBER:

E-001

DESCRIPTION:
 ELECTRICAL SYMBOLS, LEGENDS AND NOTES



1A ELECTRICAL LIGHTING DEMOLITION PLAN
 1/8"=1'-0"
 NORTH

GENERAL NOTES

1. REFER TO E-001 FOR PROJECT GENERAL NOTES, LEGEND, ABBREVIATIONS AND PROJECT GENERAL NOTES.
2. FIELD VERIFY EXISTING CONDITIONS AND PROJECT SCOPE PRIOR TO BIDDING THE PROJECT.
3. REFER TO THE ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
4. COORDINATE DEMOLITION WITH THE OWNER'S PROJECT MANAGER AND PROJECT PHASING PLAN BEFORE EQUIPMENT, DEVICES, OR WIRING IS REMOVED.
5. ALL EXISTING SWITCHBOARDS, PANELS, TRANSFORMERS, AND ASSOCIATED FEEDERS SHALL REMAIN UNLESS OTHERWISE INDICATED.
6. ALL EXISTING LIGHTING FIXTURES, CONTROL DEVICES, AND ASSOCIATED WIRING INCLUDING EXTERIOR BUILDING FIXTURES AND SIGNS SHALL REMAIN UNLESS OTHERWISE INDICATED OR NOTED ON THIS DRAWING.
7. ELECTRICAL SUPPLIES TO EXISTING FIXTURES NOT IDENTIFIED FOR DEMOLITION TO REMAIN "AS IS" U.O.I. AND BE PROTECTED AS NECESSARY.
8. FOR FIXTURES TO BE REMOVED, REMOVE EXPOSED CONDUIT AND WIRING BACK TO THE SOURCE INCLUDING THE NEXT UPSTREAM DEVICE, FIXTURE, OR THE PANELBOARD. REMOVE UNUSED WIRING IN CONDUITS CONCEALED ABOVE CEILINGS, IN WALLS AND ABANDON THE CONDUITS IN PLACE. MODIFY EXISTING CIRCUITS AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO EXISTING FIXTURES.
9. REMOVE ALL DEVICES AND WIRING IN WALLS BEING DEMOLISHED BACK TO SOURCE MAINTAINING CIRCUIT CONTINUITY TO OTHER DEVICES ON THE CIRCUIT(S) THAT REMAIN.
10. REMOVE ALL DEMOLISHED MATERIALS FROM THE SITE AND DISPOSE OF PROPERLY AND LEGALLY.
11. INCLUDE IN THE SCOPE OF WORK, TEMPORARY CIRCUITS FOR LIGHTING, EQUIPMENT, AND DEVICES THAT MUST BE TEMPORARILY RELOCATED DUE TO CONSTRUCTION PHASING AND COORDINATE WITH THE OWNER'S PROJECT MANAGER.
12. OUTLETS AND WIRING IN EXISTING WALLS TO REMAIN U.O.I.
13. WHEREVER OUTLETS ARE REMOVED IN EXISTING WALLS THAT REMAIN, PATCH THE WALL OR PROVIDE A BLANK COVERPLATE FOR THE OUTLET BOX. COORDINATE THE REQUIREMENTS WITH THE OWNER'S PROJECT MANAGER.

KEY NOTES

1. REMOVE AND DISCARD 2' x 4' LAY-IN LIGHTING FIXTURES. RETAIN WIRING FOR NEW LAY-IN FIXTURES.
2. REMOVE LIGHTING FIXTURE ABOVE MIRROR AND DISCARD. RETAIN WIRING FOR LIGHTED MIRROR.
3. REMOVE SWITCH AND RETAIN WIRING FOR NEW SWITCH.
4. REMOVE EXIT SIGN AND WIRING BACK TO NEXT DEVICE TO MAINTAIN CIRCUIT CONTINUITY. PLACE BLANK PLATE OVER JUNCTION BOX.
5. REMOVE AND DISCARD EXIT SIGN RETAIN WIRING ABOVE CEILING FOR NEW EXIT SIGNS IN SAME AREA.

REVISIONS:

PROJECT #: 26286.00
 DATE: SEP 21, 2022
 DRAWN BY: PFI
 DESIGNER: PFI
 CHECKED BY: PFI



ADA UPGRADES LAKELAND CITY HALL
 10001 U.S. HIGHWAY 70
 LAKELAND, TN 38002



SHEET NUMBER:
E-121

DESCRIPTION:
 ELECTRICAL LIGHTING
 DEMOLITION PLAN

E

D

C

B

A

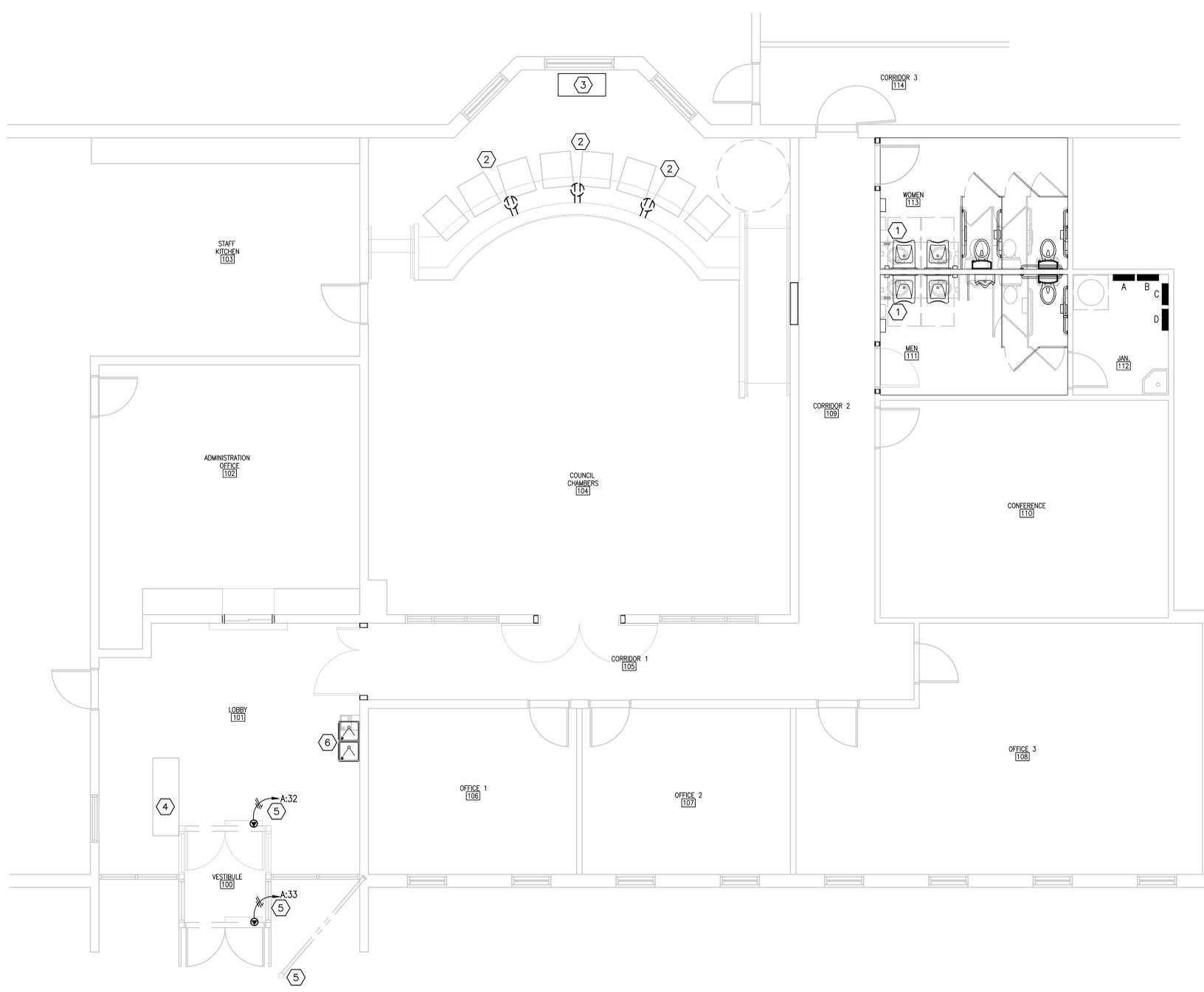
REVISIONS:

GENERAL NOTES

- SEE SHEET E-001 FOR PROJECT GENERAL NOTES AND LEGEND.
- FIELD VERIFY EXISTING CONDITIONS AND PROJECT SCOPE PRIOR TO BIDDING THE PROJECT.
- REFER TO THE ARCHITECTURAL, MECHANICAL AND PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- COORDINATE THE EXACT LOCATIONS OF ALL EQUIPMENT WITH THE OWNERS PROJECT MANAGER AND INSTALL PER THE REQUIREMENTS OF THE RESPECTIVE EQUIPMENT SUPPLIER/INSTALLER.
- ALL PANELBOARDS ARE EXISTING.
- ALL WIRING SHALL BE INSTALLED IN CONDUIT. MC CABLE IS ACCEPTABLE ALTERNATIVE. CONDUITS SHALL BE RUN CONCEALED IN WALLS, CEILINGS ETC. WHERE APPLICABLE, UOI.
- PROVIDE SEISMIC BRACING AND RESTRAINTS FOR ELECTRICAL WORK IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND THE AHJ REQUIREMENTS.
- ALL RECEPTACLES WITHIN 6' OF A SINK TO HAVE GFI PROTECTION INCLUDE IN THE SCOPE OF WORK. TEMPORARY SERVICES FOR LIGHTING, EQUIPMENT, AND DEVICES THAT MUST BE TEMPORARILY RELOCATED DUE TO CONSTRUCTION PHASING AND COORDINATE WITH THE OWNER'S PROJECT MANAGER.
- THE GENERAL CONTRACTOR SHALL MAINTAIN POWER TO ALL NEW AND EXISTING OPERATIONAL EQUIPMENT AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL ALLOW FOR TEMPORARY WORKS AS AND WHERE NECESSARY.

KEY NOTES

- PROVIDE A NEW GFCI RECEPTACLE ABOVE COUNTER TO REPLACE EXISTING RECEPTACLE.
- PROVIDE NEW RECEPTACLES IN PLACE OF EXISTING RECEPTACLES. COORDINATE WITH MILLWORK CONTRACTOR FOR CONNECTIONS TO EXISTING WIRING IN NEW PODIUM/DESK UNIT. MODIFY WIRING AS REQUIRED. COORDINATE WITH IT/AUDIO/VIDEO REPRESENTATIVE FOR ROUTING OF MICROPHONE AND DATA CABLING AS REQUIRED.
- COORDINATE WITH AUDIO/VIDEO INSTALLER FOR CONNECTIONS FOR RELOCATED EQUIPMENT.
- RECONNECT POWER AND CONTROL WIRING FOR RECEPTIONIST DESK. COORDINATE WITH OWNERS REPRESENTATIVE FOR CONNECTIONS AND RELOCATION.
- PROVIDE CONNECTION TO POWER DOORS. MANUFACTURED BY HORTON SERIES 7100. SEE MANUFACTURERS REQUIREMENTS FOR CONNECTIONS. PROVIDE A NEW 20A, 120V, 1P CIRCUIT BREAKER FOR EACH DOOR OPERATOR IN PANEL 'A'. PROVIDE 2#12, 1#12G. IN 3/4" C. FROM PANEL TO DOOR OPERATOR. PROVIDE ALL NECESSARY CONDUIT AND BOXES BOTH INTERIOR AND EXTERIOR AS REQUIRED FOR DOOR CONTROLS AND DOOR STRIKES. COORDINATE WITH DOOR INSTALLER FOR CONNECTIONS AND REQUIREMENTS. REPOSITION ELECTRICAL OUTLET AS REQUIRED FOR NEW DRINKING FOUNTAIN. COORDINATE WITH PLUMBING INSTALLER.



1A ELECTRICAL POWER PLAN
 1" = 1' 0" 2' 4' 8"
 NORTH

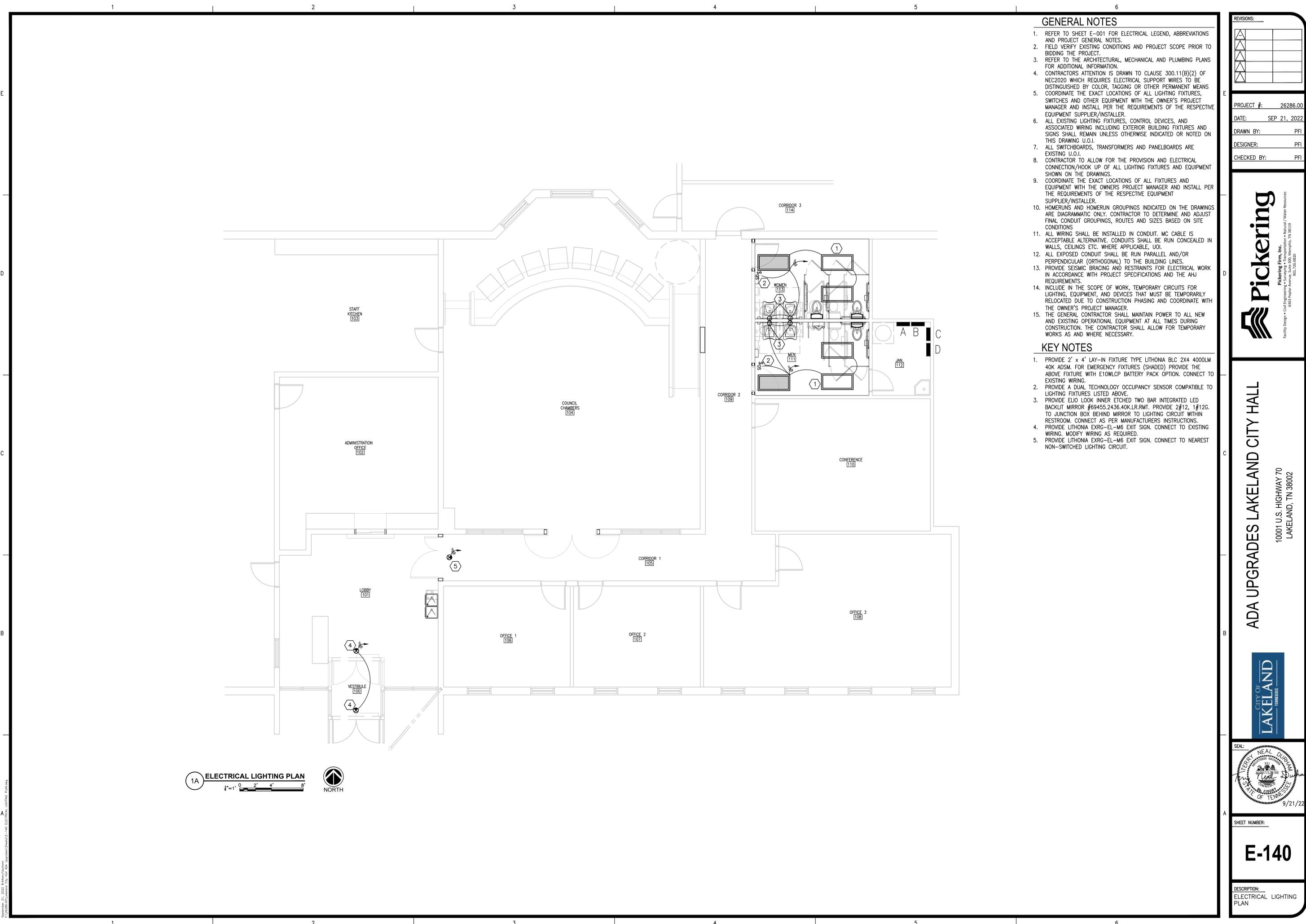
PROJECT #: 26286.00
 DATE: SEP 21, 2022
 DRAWN BY: PFI
 DESIGNER: PFI
 CHECKED BY: PFI



ADA UPGRADES LAKELAND CITY HALL
 10001 U.S. HIGHWAY 70
 LAKELAND, TN 38002



SHEET NUMBER:
E-130
 DESCRIPTION:
 ELECTRICAL POWER PLAN



GENERAL NOTES

- REFER TO SHEET E-001 FOR ELECTRICAL LEGEND, ABBREVIATIONS AND PROJECT GENERAL NOTES.
- FIELD VERIFY EXISTING CONDITIONS AND PROJECT SCOPE PRIOR TO BIDDING THE PROJECT.
- REFER TO THE ARCHITECTURAL, MECHANICAL AND PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- CONTRACTORS ATTENTION IS DRAWN TO CLAUSE 300.11(B)(2) OF NEC2020 WHICH REQUIRES ELECTRICAL SUPPORT WIRES TO BE DISTINGUISHED BY COLOR, TAGGING OR OTHER PERMANENT MEANS COORDINATE THE EXACT LOCATIONS OF ALL LIGHTING FIXTURES, SWITCHES AND OTHER EQUIPMENT WITH THE OWNER'S PROJECT MANAGER AND INSTALL PER THE REQUIREMENTS OF THE RESPECTIVE EQUIPMENT SUPPLIER/INSTALLER.
- ALL EXISTING LIGHTING FIXTURES, CONTROL DEVICES, AND ASSOCIATED WIRING INCLUDING EXTERIOR BUILDING FIXTURES AND SIGNS SHALL REMAIN UNLESS OTHERWISE INDICATED OR NOTED ON THIS DRAWING U.O.I.
- ALL SWITCHBOARDS, TRANSFORMERS AND PANELBOARDS ARE EXISTING U.O.I.
- CONTRACTOR TO ALLOW FOR THE PROVISION AND ELECTRICAL CONNECTION/HOOK UP OF ALL LIGHTING FIXTURES AND EQUIPMENT SHOWN ON THE DRAWINGS.
- COORDINATE THE EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT WITH THE OWNERS PROJECT MANAGER AND INSTALL PER THE REQUIREMENTS OF THE RESPECTIVE EQUIPMENT SUPPLIER/INSTALLER.
- HOMERUNS AND HOMERUN GROUPINGS INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. CONTRACTOR TO DETERMINE AND ADJUST FINAL CONDUIT GROUPINGS, ROUTES AND SIZES BASED ON SITE CONDITIONS.
- ALL WIRING SHALL BE INSTALLED IN CONDUIT. MC CABLE IS ACCEPTABLE ALTERNATIVE. CONDUITS SHALL BE RUN CONCEALED IN WALLS, CEILINGS ETC. WHERE APPLICABLE, UOI.
- ALL EXPOSED CONDUIT SHALL BE RUN PARALLEL AND/OR PERPENDICULAR (ORTHOGONAL) TO THE BUILDING LINES.
- PROVIDE SEISMIC BRACING AND RESTRAINTS FOR ELECTRICAL WORK IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND THE AHJ REQUIREMENTS.
- INCLUDE IN THE SCOPE OF WORK, TEMPORARY CIRCUITS FOR LIGHTING, EQUIPMENT, AND DEVICES THAT MUST BE TEMPORARILY RELOCATED DUE TO CONSTRUCTION PHASING AND COORDINATE WITH THE OWNER'S PROJECT MANAGER.
- THE GENERAL CONTRACTOR SHALL MAINTAIN POWER TO ALL NEW AND EXISTING OPERATIONAL EQUIPMENT AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL ALLOW FOR TEMPORARY WORKS AS AND WHERE NECESSARY.

KEY NOTES

- PROVIDE 2' x 4' LAY-IN FIXTURE TYPE LITHONIA BLC 2X4 4000LM 40K ASDM. FOR EMERGENCY FIXTURES (SHADED) PROVIDE THE ABOVE FIXTURE WITH E10WLCP BATTERY PACK OPTION. CONNECT TO EXISTING WIRING.
- PROVIDE A DUAL TECHNOLOGY OCCUPANCY SENSOR COMPATIBLE TO LIGHTING FIXTURES LISTED ABOVE.
- PROVIDE ELIO LOOK INNER ETCHED TWO BAR INTEGRATED LED BACKLIT MIRROR #69455.2436.40K.LR.RMT. PROVIDE 2#12, 1#12G. TO JUNCTION BOX BEHIND MIRROR TO LIGHTING CIRCUIT WITHIN RESTROOM. CONNECT AS PER MANUFACTURERS INSTRUCTIONS. PROVIDE LITHONIA EXRG-EL-M6 EXIT SIGN. CONNECT TO EXISTING WIRING. MODIFY WIRING AS REQUIRED.
- PROVIDE LITHONIA EXRG-EL-M6 EXIT SIGN. CONNECT TO NEAREST NON-SWITCHED LIGHTING CIRCUIT.

REVISIONS:

PROJECT #: 26286.00
 DATE: SEP 21, 2022
 DRAWN BY: PFI
 DESIGNER: PFI
 CHECKED BY: PFI



ADA UPGRADES LAKELAND CITY HALL
 10001 U.S. HIGHWAY 70
 LAKELAND, TN 38002



SHEET NUMBER:
E-140
 DESCRIPTION:
 ELECTRICAL LIGHTING PLAN

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 9/21/22 10:52 AM
 PFI