PROJECT SCOPE OUTLINE:

THE CONTRACTOR IS RESPONSIBLE FOR THE NECESSARY DEMOLITION AND RELOCATION OF EXISTING ELECTRICAL ITEMS NOTED ON THE DRAWINGS AND REFINISHING OF WALLS AND FLOORS.

THE CONTRACTOR IS ALSO RESPONSIBLE FOR INSTALLING THE STRUCTURAL STEEL POSTS INTO THE EXISTING CONDITIONS AND SECURELY FASTENING THE PREFABRICATED STEEL FRAME (OWNER PROVIDED) TO THE STRUCTURAL STEEL POSTS PER CONSTRUCTION DOCUMENTS.

CONTRACTOR SCOPE ITEMS INCLUDE:

- EXISTING DESK IS TO REMAIN IN PLACE AND OPERATIONAL FOR AS LONG AS POSSIBLE DURING INSTALLATION OF NEW DESK FRAME, COORDINATE WITH OWNER. GC RESPONSIBLE FOR DEMOLITION & DISPOSAL OF THE EXISTING DESK, CASEWORK AND ASSOCIATED ITEMS
- INSTALLING NEW TILE IN LOCATIONS NOTED
- ATTACHING OWNER SUPPLIED HSS POSTS INTO EXISTING STRUCTURE, FLOOR & CEILING.
- PROVIDING & INSTALL STEEL ANGLES, ETC. FOR CONNECTING PREFABRICATED STEEL FRAME TO OWNER SUPPLIED HSS POSTS AT CONNECTION POINTS AS PER DRAWINGS
- COORDINATING AND RELOCATING THE EXISTING ELECTRICAL ITEMS NOTED ON THE DRAWINGS AND NEW ELECTRICAL ITEMS
- PATCHING / REFINISHING WALLS AND CEILINGS AS NOTED AFTER COMPLETION OF NEW WORK

OWNER SCOPE ITEMS INCLUDE:

- FABRICATION OF STEEL FRAME
- PROVIDE TO CONTRACTOR HSS COLUMNS FOR GC TO INSTALL.
- INSTALLATION OF STEEL BRACKETS, PLATES, THREADED RODS, AND OTHER STEEL ACCESSORIES
- INSTALLATION AND FABRICATION OF BENCH SUPPORTS AND BENCH TO STEEL FRAME
- INSTALLATION AND FABRICATION OF COUNTERTOP
- INSTALLATION OF WOOD TO STEEL FRAME
- FASTENING WOOD TO WOOD CONNECTIONS
- SUPPLYING AND INSTALLING CASEWORK
- ALL PAINTING

ARCHITECTURAL WORKSHOP, LLC.
2 KALAMATH ST
DENVER, COLORADO 80223
303-788-1717
CONTACT: MARK BOWERS
**Life Safety Notes:**

1. Owners shall be responsible for the identification and implementation of any additional fire safety measures required by the applicable fire authorities.

2. The fire protection system shall be designed and installed in accordance with NFPA 72, National Fire Alarm and Signaling Code.

3. The contractor shall ensure that all fire safety requirements are met and that the project is fully sprinklered in accordance with NFPA 13, Standard for the Installation of Sprinkler Systems.

4. The contractor shall ensure that all smoke detectors are installed and functional.

**General Contractor Notes:**

1. The general contractor shall be responsible for the coordination and management of all aspects of the construction.

2. The general contractor shall ensure that all subcontractors are properly licensed and insured.

3. The general contractor shall be responsible for the coordination of all construction activities.

4. The general contractor shall be responsible for the coordination of all construction changes and deviations.

**Building Code Summary:**

- **Applicable Building Code:** 2018 International Building Code
- **Type of Construction:** B-6 (Non-Combustible Structure)
- **Coordination Group:** A
- **Fire Protection:** Fully Sprinklered

**Project Scope Outline:**

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EXIST. ELECTRICAL OUTLET TO REMAIN
DEFIBRILATOR TO BE MOVED, RE: SHEET A-101 AND ELEC DWGS
EMERGENCY DOOR LOCK BUTTON TO BE MOVED
CARPET TO BE REMOVED AND FLR TO BE PREPARED TO RECIEVE NEW TILE TO MATCH (E).
SECURITY CAMERA TO REMAIN UNLESS VIEW OBSTRUCTED BY DESK
EXIST. EXIT SIGN TO REMAIN
WOODEN CHAIR RAIL TO BE REMOVED BY OWNER
EXISTING FRP PANELS TO BE REMOVED BY OWNER
EXISTING DESK & CASEWORK TO REMAIN IN PLACE AS LONG AS POSSIBLE DURING THE INSTALLATION OF THE NEW DESK.
GC TO REMOVE EXISTING DESK ASSEMBLY COMPLETE.
RELOCATE EXISTING FREESTANDING MAILBOX, VERIFY FINAL LOCATION WITH OWNER
LIGHTS TO BE RAISED AS NEED FOR NEW DESK FEATURE WALL INSTALLTION, TYP.
EXIST. GYP. BD CEILING TO REMAIN NO WORK
EXISTING CEILING TO REMAIN. REMOVE & REPLACE TILES AS REQ'D TO INSTALL NEW STEEL
EXIST. EXPOSED DOUBLE-T CONC. CEILING. NO WORK
EXIST. GYP. SOFFIT TO REMAIN. PATCH AND REPAIR AS REQ'D TO INSTALL NEW STEEL

GENERAL NOTES
1. DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. ANY DISCREPANCIES IN DRAWINGS AND OR EXISTING CONDITIONS SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
2. THE ARCHITECT DISCLAIMS ANY RESPONSIBILITIES AND OR KNOWLEDGE OF ASBESTOS. THE OWNER ACCEPTS ALL RESPONSIBILITY FOR REMOVAL AND DISPOSAL OF ASBESTOS IF DISCOVERED.
3. NEW CONSTRUCTION MUST ALIGN WITH EXISTING WALLS AND OR ELEMENTS. WALL AND CEILING TEXTURES MUST MATCH AND BE BLENDED TO MEET OWNERS AND ARCHITECTS APPROVAL.
4. ALL DIMENSIONS ARE FROM FACE OF STUD FOR NEW WALLS AND FACE OF FINISHED WALLS FOR EXISTING WALLS OR CENTERLINE OF GRID UNLESS NOTED OTHERWISE.
5. SEE ELECTRICAL DRAWINGS FOR ALL ELECTRICAL NOTES, SCHEDULES, AND FIRE SAFETY REQUIREMENTS.
6. ALL ROUGH AND FINISH CONSTRUCTION SHALL BE IN COMPLIANCE WITH GOVERNING CODES AND REGULATIONS AS A MINIMUM STANDARD.
7. PATCH AND REPAIR DEMO AREAS AT EXISTING WALL. MATCH EXISTING.
8. REFER TO G-002 FOR DIVISION OF SCOPE BETWEEN CONTRACTOR AND OWNER.

DEMO PLAN LEGEND:

1. EXIST NO TILE
2. EXIST NO WALLS
3. DOOR
4. WINDOW
5. EXIST MEL-LIFT
6. ITEM TO BE DEMOED.
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GENERAL NOTES

PLAN LEGEND:

- TILE
- EXISTING WALLS
- DOOR
- WINDOW
- EXISTING LIGHT

NEW FLOOR PLAN & CEILING PLAN

A-101
T.O. DESK STRUCTURE V.I.F.

10' - 1 1/2"

MAIN FLOOR

0"

B.O. ROOF

14' - 0"

CEILING

9' - 9 1/2"

A-502

6

A-501

9

A-502

2

A-501

__________________________

2'-3"

GREATER THAN 27" AFF TYPICAL

4" MAX PROJECTION  WHERE

*REFER TO G-002 FOR BREAKDOWN OF G.C. AND

OWNER SCOPE & DETAILS ON SHEETS A-501 & A-502

CASEWORK TO BE SUPPLIED

AND INSTALLED BY OWNER

ARCHITECTURAL WORKSHOP, LLC. ALL RIGHTS RESERVED

ARCHITECTURAL WORKSHOP. DENVER, COLORADO

PROJECT NO.:

DRAWN BY:

INITIAL DATE:

CHECKED BY:

STATE PROJECT NUMBER: 22-103106

CU DEN BLDG

UPGRADE SECURITY

DESK

1250 14TH STREET DENVER, CO 80202

SECTIONS

DATE

DESCRIPTION

11/22/2021 100% CONSTRUCTION DOCUMENTS

A-301
1/8" STEEL TOP PLATE WELD TO 1 1/2" X 1 1/2" TUBE STEEL

1/8" STEEL BACK PLATE WELDED TO 1 1/2" X 1 1/2" TUBE STEEL

1/8" PLATE STEEL

3/4" PLYWOOD UNDERLAY TO BE ATTACHED TO STEEL PLATE

SCREW THREADED ROD INTO BOLT AND FASTEN TO STEEL PLATE

STEEL BRACKET FABRICATED 1/8" STEEL PLATE

WELD BRACKET TO FABRICATED STEEL PLATE

GLUE WOODEN PLANKS TOGETHER THEN FASTEN WITH FINISHING NAILS

WELD BOLT TO STEEL PLATE THEN SCREW IN THREADED ROD INTO BOLT

1/4" THREADED ROD

GLUE WOODEN PLANKS TOGETHER THEN FASTEN WITH FINISHING NAILS

FABRICATED 1/8" STEEL PLATE

WELD FABRICATED STEEL PLATE TO STEEL BRAKET

1/8" STEEL BRACKET

ELIMINATE UNNECESSARY BRACKETS. BRACKETS ONLY TO BE USED EVERY 24" OR SO
DEMOLITION NOTES:

1. DEMOLITION PLAN INDICATES A DESIRED SCOPE OF WORK; THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IN FIELD PRIOR TO START OF WORK.

2. CONDITIONS MAY EXIST WHERE (E) CABLING AND/OR EQUIPMENT IS INSTALLED WITHIN AN AREA OF DEMOLITION THAT IS INTENDED TO REMAIN IN ORDER TO KEEP SYSTEMS OUTSIDE OF THE AREA OF DEMOLITION IN OPERABLE CONDITION. CONTRACTOR SHALL PROVIDE APPROPRIATE PROTECTION AND EXERCISE CARE WHEN PERFORMING DEMOLITION AROUND SUCH CABLING AND EQUIPMENT.

3. ALL SYSTEMS LOCATED OUTSIDE THE AREA OF DEMOLITION ARE INTENDED TO REMAIN OPERABLE.

4. FOR ALL ITEMS TO BE DEMOLISHED REMOVE CIRCUIT BACK TO POINT OF CONNECTION. MAKE BRANCH CIRCUIT WITH REMAINING DEVICES CONTINUOUS.

5. ELECTRICAL CONTRACTOR SHALL REMOVE ALL DEMOLISHED ITEMS FROM SITE UNLESS OWNER WISHES TO RETAIN. ITEMS REMOVED FROM SITE SHALL BE DISPOSED OF IN A LEGAL MANNER.

6. EVERY ATTEMPT WAS MADE TO LOCATE ALL ITEMS TO BE INCLUDED IN THE DEMOLITION SCOPE IN THIS OCCUPIED SPACE. ELECTRICAL CONTRACTOR SHALL PROVIDE A REASONABLE ALLOWANCE TO INCLUDE THE REMOVAL OF ITEMS NOT INDICATED ON THE ELECTRICAL DEMOLITION PLAN.

DISCONNECT AND REMOVE WALL MOUNTED COMMUNICATION JACK FOR REMOVED ATM. REMOVE LOW VOLTAGE CABLING AND CONDUIT BACK TO POINT OF CONNECTION.

DISCONNECT AND REMOVE EMERGENCY DEFIBRILLATOR, ALARM BEACON AND ASSOCIATED EMERGENCY COMMUNICATION LINE. PROTECT AND STORE DEFIBRILLATOR AND ALARM BEACON FOR RELOCATION TO NEW LOCATION. PROTECT EMERGENCY COMMUNICATION LINE FOR EXTENSION TO NEW DEFIBRILLATOR LOCATION.

DISCONNECT AND REMOVE ACCESS CONTROL PROXIMITY CARD READER. PROTECT AND STORE ACCESS CONTROL PROXIMITY CARD READER FOR RELOCATION TO NEW LOCATION. PROTECT ACCESS CONTROL COMMUNICATION CABLE FOR RELOCATION TO NEW LOCATION.

DEMO FLAG NOTES:

SCALE: 1/4" = 1'-0"
1. Existing floor receptacle to remain.
2. Existing communication device to remain.
3. Existing fire alarm notification appliance to remain.
4. Relocated position of emergency defibrillator, alarm beacon and associated emergency communication line protected during demolition. Connect relocated alarm beacon to relocated emergency defibrillator and extend communication line to new emergency defibrillator and connect.
5. New fire alarm notification appliance.
6. Relocated position of access control proximity card reader protected during demolition. Extend communication line protected during demolition to new access control proximity card reader.
7. Approximate location of lobby IT rack to remain.
8. Provide 4"x4" surface mounted junction box at new security desk for future additional IT needs. From this junction box route 1" EMT conduit to lobby IT rack, verify exact location of IT rack prior to rough-in. Label both ends of conduit.

FLAG NOTES:

1. Refer to architectural plans and interior elevations for final receptacle and device placement. Coordinate all receptacle mounting locations with fixtures, appliances, furniture, cabinetry, and other equipment prior to rough-in.
2. Electrical contractor is responsible for field coordinating the location of electrical equipment, junction boxes, disconnects, etc. EC shall be responsible for coordination and the routing of feeders, and branch circuits.
3. Coordinate power connections for owner provided equipment and appliances, and all other equipment provided by other divisions with submittal data cut sheets, wiring diagrams, and manufacturer's written installation instructions. Field coordinate final locations of equipment and power connections with general contractor and other divisions/contractors prior to rough-in.
4. For each communication device provide a 4"x4" recessed junction with a single gang mud ring. From junction box route 3/4" EMT conduit to above accessible ceiling and provide bushing on exposed end of conduit.

The numbers next to electrical items indicate the circuit number that branch circuit shall occupy in panel "LP1" unless noted otherwise.

All conduits shall be concealed in walls as practical. All conduits routed exposed in open ceiling shall be attached to horizontal portion of structure. Conduit shall not be routed or attached to bottom leg of exposed structure. Paint all exposed conduit to match adjacent color.

NOTES:

ARCHITECTURAL WORKSHOP . DENVER, COLORADO
PROJECT NO.:
DRAWN BY:
INITIAL DATE:
CHECKED BY:
CU DENVER
RECEPTION
1250 14TH STREET DENVER, CO 80202
2135cur
08/19/2021
DATE
DESCRIPTION
11/22/2021
100% CONSTRUCTION DOCUMENTS

E-101
ELECTRICAL POWER PLAN
NOTES:

1. EXISTING COMPACT FLUORESCENT DOWNLIGHT TO REMAIN.
2. EXISTING EXIT SIGN WITH INTEGRAL "FROG-EYES" TO REMAIN.
3. EXISTING FLUORESCENT SUSPENDED LIGHT FIXTURE TO REMAIN.
4. EXISTING FLUORESCENT SUSPENDED LIGHT FIXTURE BE RAISED AS REQUIRED TO BE A MINIMUM OF 12" ABOVE NEW SECURITY DESK. RAISING OF FLUORESCENT FIXTURE WILL REQUIRE THE ADJUSTMENT OF THE EXISTING FIXTURE AIRCRAFT CABLE SUSPENSION SYSTEM.

FLAG NOTES:

# NOTES:
1. REFER TO ARCHITECTURAL PLANS AND INTERIOR ELEVATIONS FOR FINAL RECEPTACLE AND DEVICE PLACEMENT. COORDINATE ALL RECEPTACLE MOUNTING LOCATIONS WITH FIXTURES, APPLIANCES, FURNITURE, CABINETRY, AND OTHER EQUIPMENT PRIOR TO ROUGH-IN.
2. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIELD COORDINATING THE LOCATION OF ELECTRICAL EQUIPMENT, JUNCTION BOXES, DISCONNECTS, ETC. EC SHALL BE RESPONSIBLE FOR COORDINATION AND THE ROUTING OF FEEDERS, AND BRANCH CIRCUITS.
3. COORDINATE POWER CONNECTIONS FOR OWNER PROVIDED EQUIPMENT AND APPLIANCES AND ALL OTHER EQUIPMENT WITH SUBMITTAL DATA CUT SHEETS, WIRING DIAGRAMS, AND MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. FIELD COORDINATE FINAL LOCATIONS OF EQUIPMENT AND POWER CONNECTIONS WITH GENERAL CONTRACTOR AND OTHER DIVISION/CONTRACTORS PRIOR TO ROUGH-IN.
4. FOR EACH COMMUNICATION DEVICE PROVIDE A 4"x4" RECESSED JUNCTION WITH A SINGLE GANG MUD RING. FROM JUNCTION BOX ROUTE 3/4" EMT CONDUIT TO ABOVE ACCESSIBLE CEILING AND PROVIDE BUSHING ON EXPOSED END OF CONDUIT.
5. THE NUMBERS NEXT TO ELECTRICAL ITEMS INDICATE THE CIRCUIT NUMBER THAT BRANCH CIRCUIT SHALL OCCUPY IN PANEL "LP1" UNLESS NOTED OTHERWISE.
###短路计算总结

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###设备

####电气设备

- 系统电压：120/208V, 3P, 4W
- 取电类型：主电、1F电
- 最小断路器：200A
- 所需断路器：30A
- 短路持续时间：1.5s
- 短路电流：125%

---

###一般说明

- 总负载：100%
- 详细负载：
  - 定制电器：A
  - 蓄热电器：B
  - 常规电器：C

---

###负荷类型

- 负荷类型：A
- 从图纸和现场调查获得
- 导体类型：2.25 mm²
- 建筑物：E
- 特殊说明：
  - 存在未解的负荷（E)
  - 存在未知的负荷（E)
  - 存在未知的负荷（E)

---

###材料

- 导线：CU DENVER
- 管道：E