

# CITY OF AZTEC PUBLIC WORKS BUILDING

## LEVEL 11 ALTERATIONS



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

| 2021 IEB CODE ANALYSIS - INTERNATIONAL EXISTING BUILDING CODE |               |               |  |
|---|---------------|---------------|--|
| 2021 IEBC ALTERATIONS LEVEL 2                                 | EXISTING      | PROPOSED      | COMMENTS   |
| USE AND OCCUPANCY   | B             | B             | Change from battery retail store to skin care and wellness services.                     |
| TYPE OF CONSTRUCTION  | III           | III           | Exterior walls and framing by steel. Metal Building Frame. Interior woodpartition walls. |
| OCCUPANTS   |               | 15            | 1004.1.2 BUSINESS 100 GROSS  |
| EXITS   | 2             | 3             | 1006.2.1, TOnly one Required. Rear exit, exit access goes through another spoe.          |
| LOCATION ON PROPERTY  | PER SITE PLAN | PER SITE PLAN | SITE TO REMAIN AS IS.  |
| PARKING   | na            | na            | Existing No Occupancy Change   |
| AREA GROSS  | 4,581 SF      | 4,581 SF      | NO ADDITIONS   |

### SECTION 603 ALTERATION-LEVEL 2

603.1 Scope. **means**  
Level 2 alterations include the addition or elimination of any door or windows, the reconfiguration or extension of any system, or the installation of any additional equipment, and shall apply where the work area is equal to or less than 50 percent of the building area.

**Exception:**The movement or addition of nonfixed and movable fixtures, cases, racks, counters and partitions not over 5 feet 9 inches (1753 mm) in height shall not be considered a Level 2 alteration.

### Summary of Work

- A. Section Includes:
1. Project Description
  2. Work by Others
  3. Contractors Use of site and Premises

### Project Description

- A. Work of thid project is for interior alterations of existing office space, and employee locker room space. This is space in a metal building.
- B. Work includes demolition and removal, new partitions, ceiling modifications, new mini split heating and cooling unit installed, electrical connections and power and lighting as required new exterior door, new windows drywall, paint, and finishes reapired. Exterior work to include any finish restoration incurred while installing new door and windows. No site work, plumbing, or underground utilities.

### Work by Others

- A. No additional work is anticipated while this work is occurring.
- B. Owner is responsible for removing and repalcing all items impacted by this work.
- C. Owner to provide access to all work areas.
- D. Owner to allow workers access to restrooms as necessary.
- E. Owner to all contractor to use existing power and lighting.
- F. Owner to allow access during regular business hours of 7:00am-5:00 pm  
Coordinate use of site and premises with the owner.

### Requests For Information (RFI's)

All Requests for Information shall be in writing. Emails, Texts or written letter are acceptable mediums to present a question. All RFI's to be addressed to the Architect. Every attempt will be made to expedite and answer by the medium used to present the request.

### SUBMITTALS

Provide submittals for the following items:

HVAC - Mini Split wall Units. 7,500BTU.

Exterior Doors. Hollow Metal Steel Insulated with Deadbolt, Locking Door Lever Latch, Closer, and Door Sweep. Door to be painted, 2 coats enamel. Color TBD..

Interior Doors: 1 3/4" SC Flush Wood, Birch Natural. Two Coats Matte Polyurethane. Locking lever to match existing Hardware. Closer to match existing closers.

### DRAWING SCHEDULE

|                     |   |
|---------------------|---|
| T 1 Title_____      | 1 |
| A 1 _____           | 2 |
| E1 ELECTRICAL_____  | 3 |
| E2 Electrical_____  | 4 |
| E 3 Electrical_____ | 5 |
| E4 Electrical_____  | 6 |

ARCHITECT



*James R. Dennis*

1/17/2025

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City of Aztec Public Works

610 Western  
Aztec  
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87410

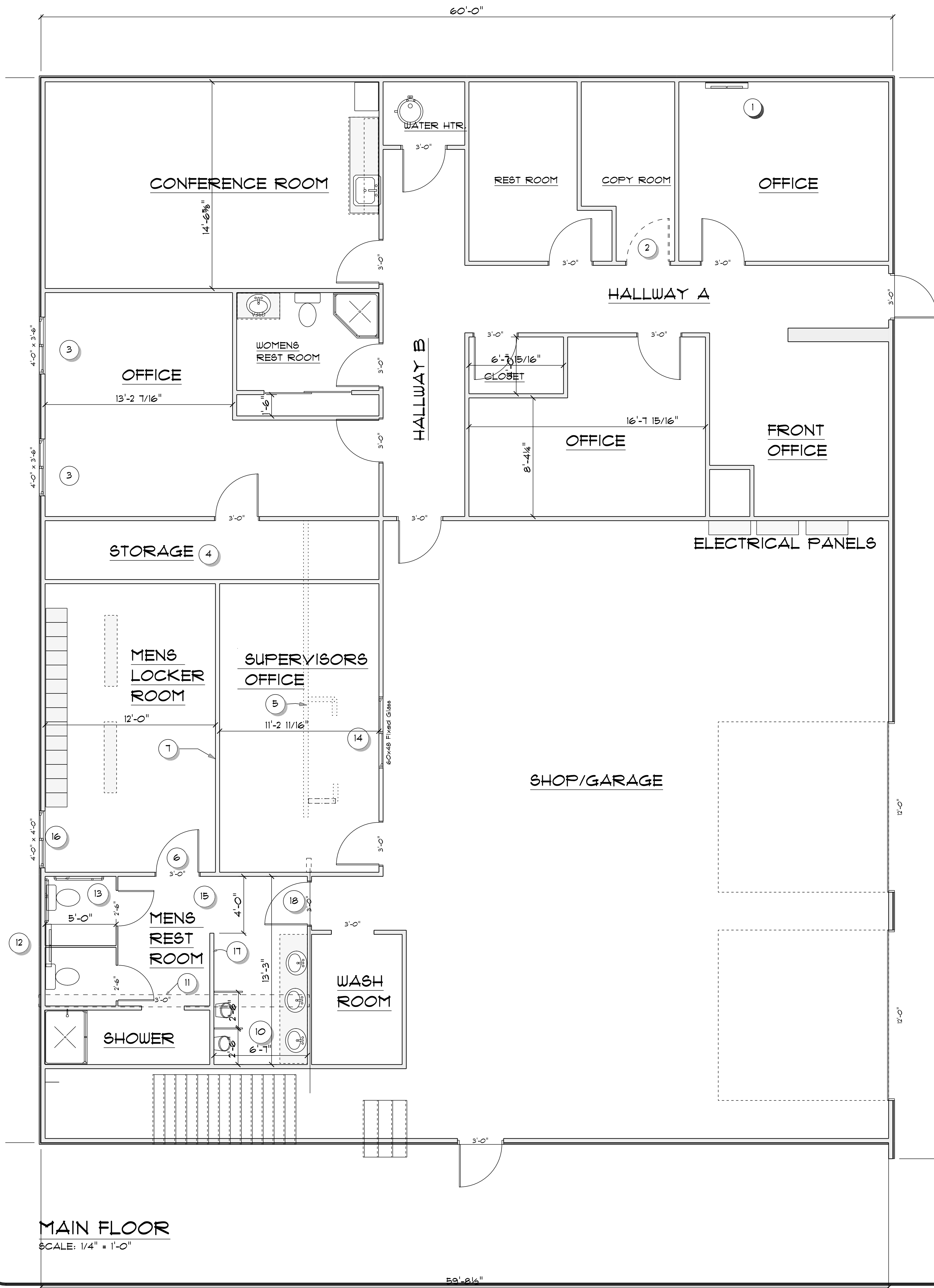
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| Jd           | REVIEWED BY:    |
| 1/17/2025    | DATE REVIEWED:  |
| 1/17/2025    | APPROVAL DATE:  |
| DATE         | REVISION /ISSUE |
| 1/17/2025    | Permits         |
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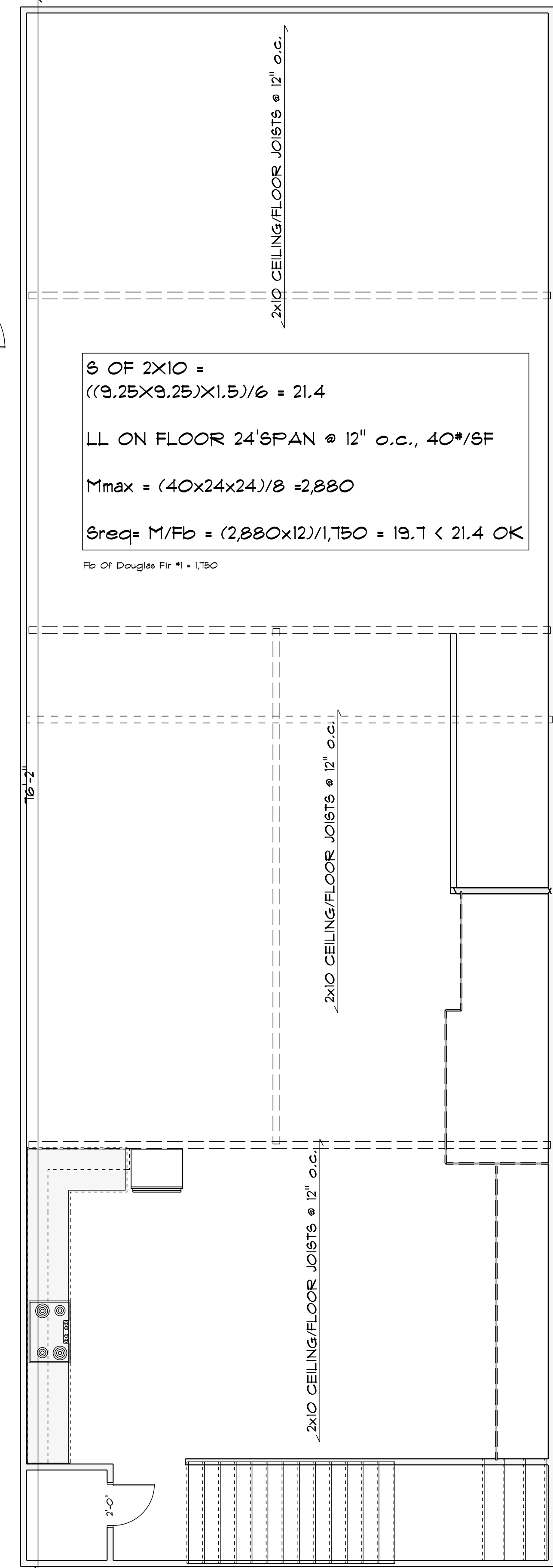
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SHEET:

T 1 Title



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

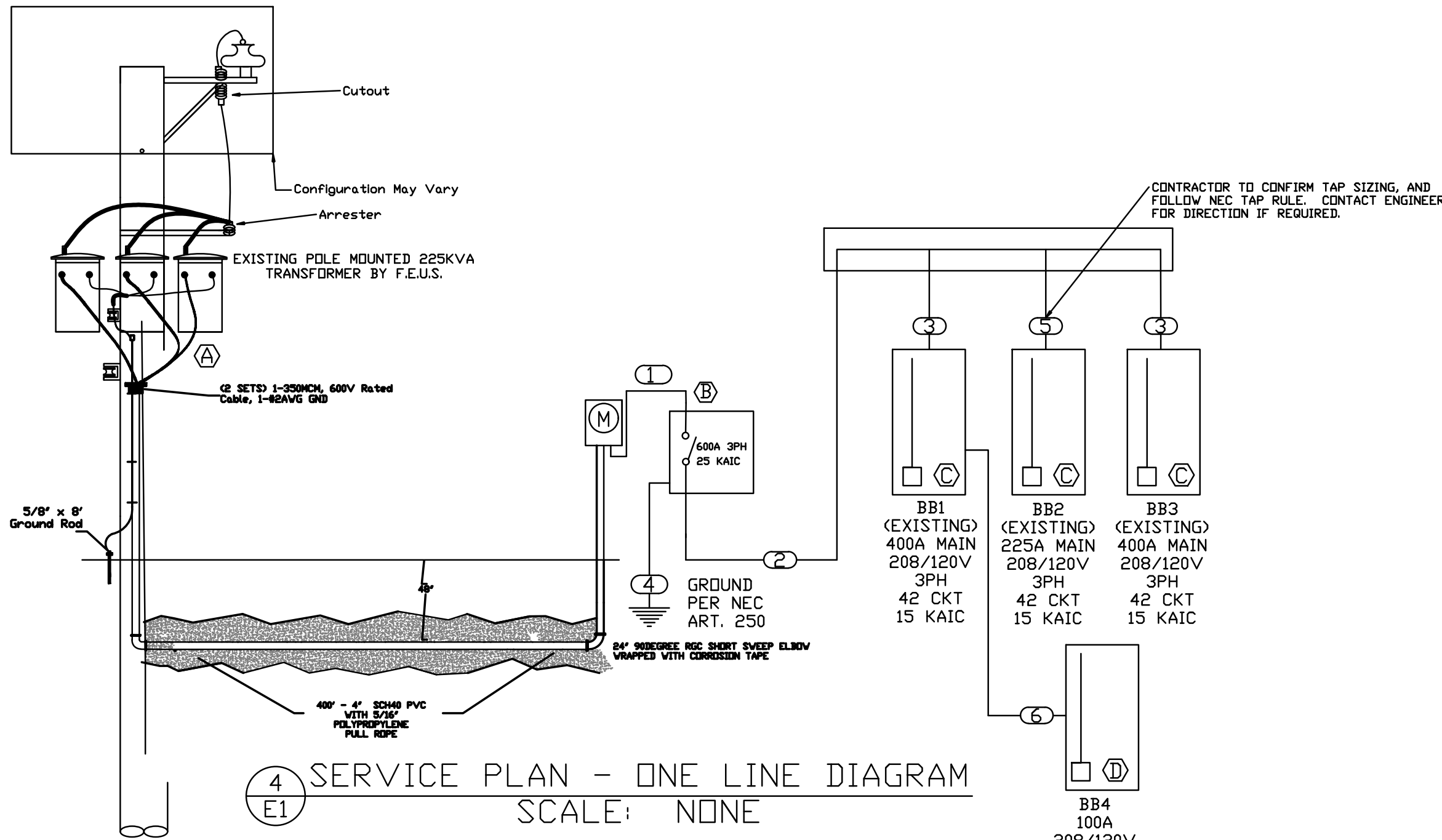
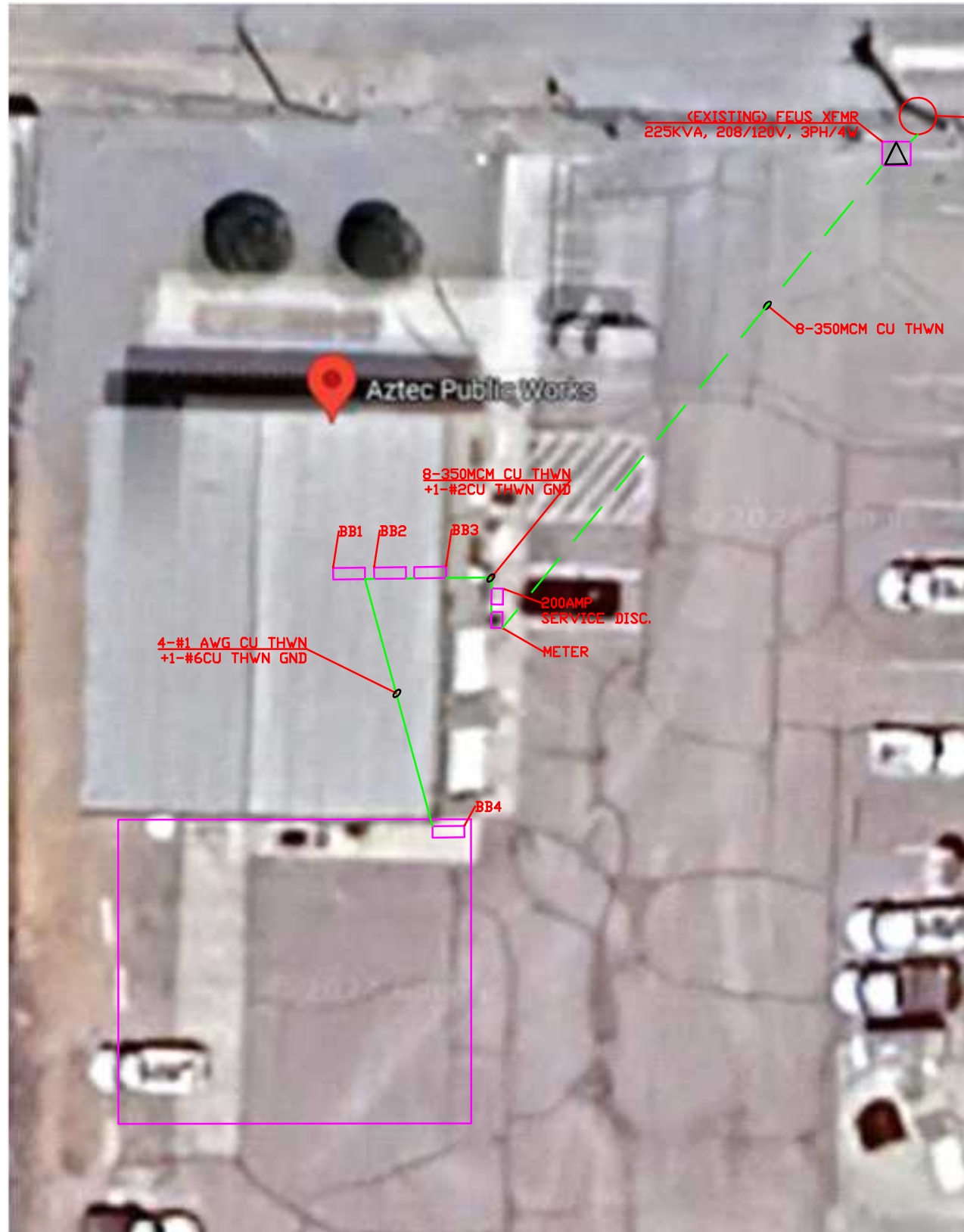


Mezzanine Level  
SCALE: 1/4" = 1'-0"

- 1 Provide Cooling.  
7,000BTU HeatPump.  
Mini Split. Provide Submittal.
- 2 Remove Door and Jamb.  
Finish to match surrounding finish.
- 3 ADD New Windows.  
4848 Sliders w/Screen.  
Aluminum with thermal break.
- 4 New Closet
- 5 Remove Existing Wall and Closet.  
Add new wall to partition Locker Room.  
Remove and move existing lockers on east  
wall to east wall of new locker room. Existing bench  
to remain. Repair and match Finishes.  
Add 6048 Fixed Glass HM Window
- 6 Add New Door to Mens Restroom.  
HM Frame, 1 3/4 SC Flush Wd Door.
- 7 New Locker Room Wall.
- 8 Provide Cooling.  
7,000BTU HeatPump.  
Mini Split.
- 9 Add New Door to Mens Restroom.
- 10 2- COMMERCIAL WASHOUT HIGH-EFFICIENCY URINAL ADA UT105U  
TOTO PLUMBING OR EQUAL. Provide Submittal.
- 11 Concrete Floor Plumbing Chase.  
Should allow access to main sewer  
for urinal tie in. Break out concrete as  
necessary. Replace with smooth finish.
- 12 Replace existing Mini-Split  
with Unit. Provide Submittal
- 13 Existing Toilet Partitions  
to Reamin as-is. Confirm  
grab bars.
- 14 New fixed glass window.  
6048. Clear.
- 15 High Durability Floor Epoxy.  
Two part, Two Coats. One color Coat,  
One clear coat. Provide submittals.
- 16 4848 Sliding window w/ screen, opaque glass.
- 17 Add 5' Frame partition wall.  
Provide wood cap at top of wall.  
Paint cap.
- 18 Reverse Door Hinge  
For Greater Privacy.

### GENERAL NOTES

1. All dimensions are give or take an inch.  
All framing shall be from one existing wall  
to another as shown.
2. All finishes on floor, walls, ceilings, doors,  
shall match the adjacent floor finish. Consult  
with Architect if any conditons exist where this is  
not possible due to the removal of a wall leaving an  
unfinished surface.
3. Any significant discrepancies between the drawings  
and the existing field conditions shall be brought  
to the attention of the architect  
for clarification with a written Request For Information, RFI.
4. All approved contractors shall provide current certificates  
of General Liability Insurance in the amounts required  
by the City of Aztec.



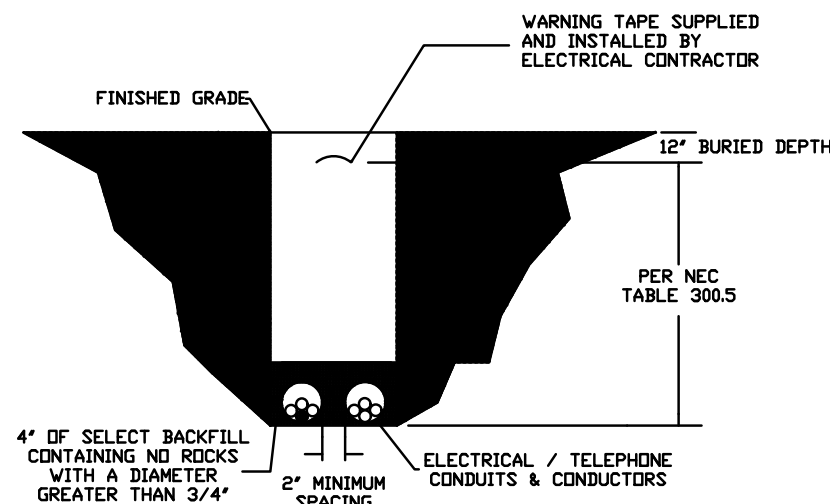
GENERAL NOTES:  
1. THE NEW ELECTRICAL SERVICE SHALL CONFORM TO THE REQUIREMENTS OF THE F.E.U.S. UTILITY SYSTEM NEW SERVICE GUIDE.  
2. ANY NEW TELEPHONE SERVICE SHALL CONFORM TO THE REQUIREMENTS OF LOCAL TELECOM COMMUNICATIONS.  
3. ANY AND ALL MODIFICATIONS TO THE INSTALLATION OTHERWISE SHOWN ON THE CONSTRUCTION DOCUMENTS SHALL BE DOCUMENTED ON THE AS-BUILT SET OF PLANS AND TURNED OVER TO THE OWNER AT THE COMPLETION OF CONSTRUCTION.

NOTES:  
1. PROVIDE A 1/2" EMT-1 #6(CU-THWN) GREEN GROUNDING CONDUCTOR FROM THE TTB TO THE BUILDING GROUNDING ELECTRODE SYSTEM. PROVIDE A THREE BARREL MECHANICAL LUG AT THE TTB TO TERMINATE THE GROUNDING CONDUCTOR ON.  
2. INTERIOR TELEPHONE CABLING SHALL BE CATEGORY 6, FOUR PAIR #24 AWG, COPPER PLENUM RATED, WHITE IN COLOR. INTERIOR COMPUTER CABLING SHALL BE CATEGORY 5E, FOUR PAIR #24 AWG, COPPER PLENUM RATED, BLUE IN COLOR. IT SHALL BE ACCEPTABLE TO INSTALL THE INTERIOR TELECOMMUNICATIONS CABLING EXPOSED ABOVE ACCESSIBLE CEILINGS USING CABLE TRAY/WIRE BASKET SYSTEM. WHERE CABLING IS INSTALLED IN AREAS WITH NO CEILING OR IN NON-ACCESSIBLE AREAS IT SHALL BE INSTALLED WITHIN EMT CONDUIT (MINIMUM 1/2" IN SIZE).  
3. ELECTRICAL CONTRACTOR TO VERIFY WITH F.E.U.S. UTILITY SERVICE EXISTING SIZES OF THE SERVICE TRANSFORMER, SERVICE DISCONNECT, & ALL CONDUCTORS OUTLINED IN THE CABLE SCHEDULE ON SHEET E-1. ELECTRICAL CONTRACTOR SHALL UPDATE ELECTRICAL SHEETS AND PRODUCE "AS-BUILT" SET OF DRAWINGS TO THE OWNER AT THE COMPLETION OF CONSTRUCTION.  
4. ALL EXTERIOR PANELS AND CONDUIT SHALL REMAIN FOR RE-USE. ALL INTERIOR WIRING, RACEWAYS, LIGHTING, RECEPTACLES TO BE REPLACED DUE TO FIRE DAMAGE. CONDUITS TO FUEL PUMPS ARE AT CONTRACTOR DISCRETION.

| AVAILABLE FAULT CURRENT |              | CABLE SCHEDULE |   |
|-------------------------|--------------|----------------|---|
| A 20KA Estimated        | B 13.75 KAIC | 1              | (2) 4" PVC, (2 SETS)3 - 350MCM (CU,THWN). +1-350MCM NEUTRAL.  |
| C 12.14 KAIC            | D 10.32 KAIC | 2              | (2) 4" PVC, (2 SETS)3 - 350MCM (CU,THWN). +1-350MCM NEUTRAL. +1-#2 (CU,THWN) GROUND   |
|                         |              | 3              | (2) 3" PVC, (2 SETS)3 - 350MCM (CU,THWN). +1-350MCM NEUTRAL. +1-#2 (CU,THWN) GROUND   |
|                         |              | 4              | 1#1/0 (CU,BARE)GROUNDING ELECTRODE CONDUCTOR TO THE WATER MAIN PIPE AND BUILDING STEEL, 1#4 (CU,BARE) TO REBAR FOUNDATION (UFER GROUND CONNECTION), AND 1#6 (CU,BARE) TO (2) 5/8" DIAx8' COPPER CLAD GROUND ROD. GROUND PER NEW MEXICO ELECTRIC CODE. |
|                         |              | 5              | (2) 3" PVC, (2 SETS)3 - #2AWG (CU,THWN). +1-2AWG NEUTRAL. +1-#6 (CU,THWN) GROUND  |
|                         |              | 6              | (1) 1" EMT, 3 - #1 AWG (CU,THWN). +1-#1AWG NEUTRAL. +1-#6 (CU,THWN) GROUND  |

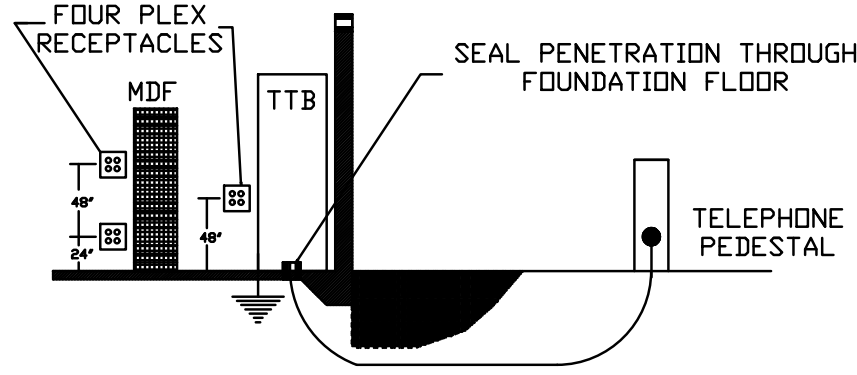
THE DISTRIBUTION SYSTEM IS DESIGNED USING AN ASSUMED FAULT CURRENT AT THE TRANSFORMER SECONDARY OF 20 KA. BEFORE ELECTRICAL DISTRIBUTION EQUIPMENT IS ORDERED, ELECTRICAL CONTRACTOR SHALL VERIFY WITH F.E.U.S. THAT THE AVAILABLE FAULT CURRENT AT THE TRANSFORMER SECONDARY WILL BE EQUAL TO OR LESS THAN 20 KA.

## SITE ELECTRICAL PLAN

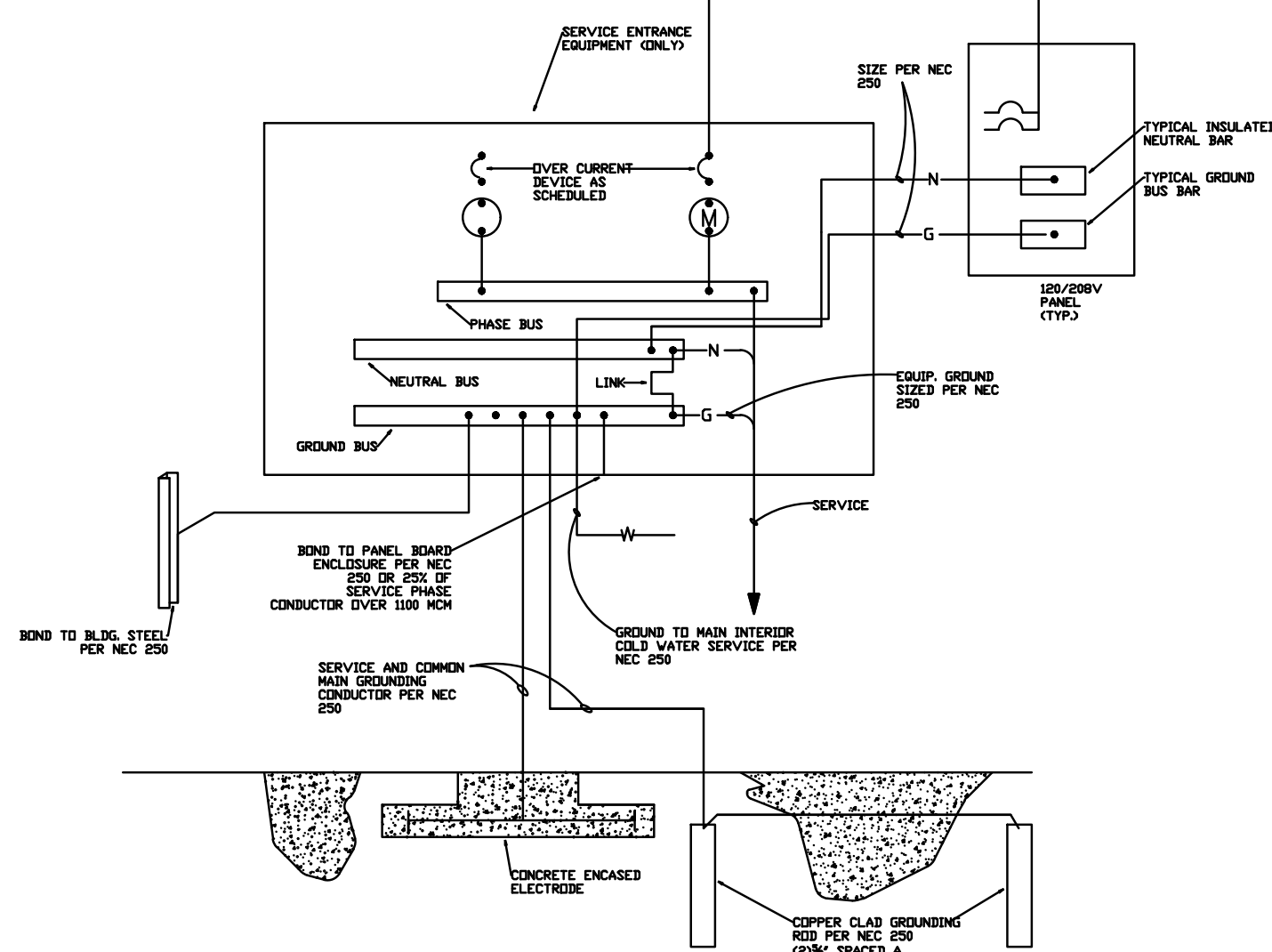


NOTES:  
1. ELECTRICAL SERVICE CONDUIT AND CONDUCTORS ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. BURIAL DEPTH SHALL BE PER NEC TABLE 300.5. COORDINATE WITH F.E.U.S. SERVICE NEW SERVICE GUIDE FOR SPECIFIC REQUIREMENTS.  
2. TELEPHONE SERVICE CONDUIT SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. TELEPHONE SERVICE CABLING SHALL BE PROVIDED BY LOCAL TELECOM. COORDINATE WITH LOCAL TELECOM FOR ANY SPECIFIC REQUIREMENTS.  
3. THE QUANTITY/SIZE OF CONDUITS AND/OR CONDUCTORS SHALL BE AS CALLED OUT ON THE ONE LINE DIAGRAM PROVIDED ON THIS SHEET.

### 1 UNDERGROUND CONDUIT DETAIL E1 NTS

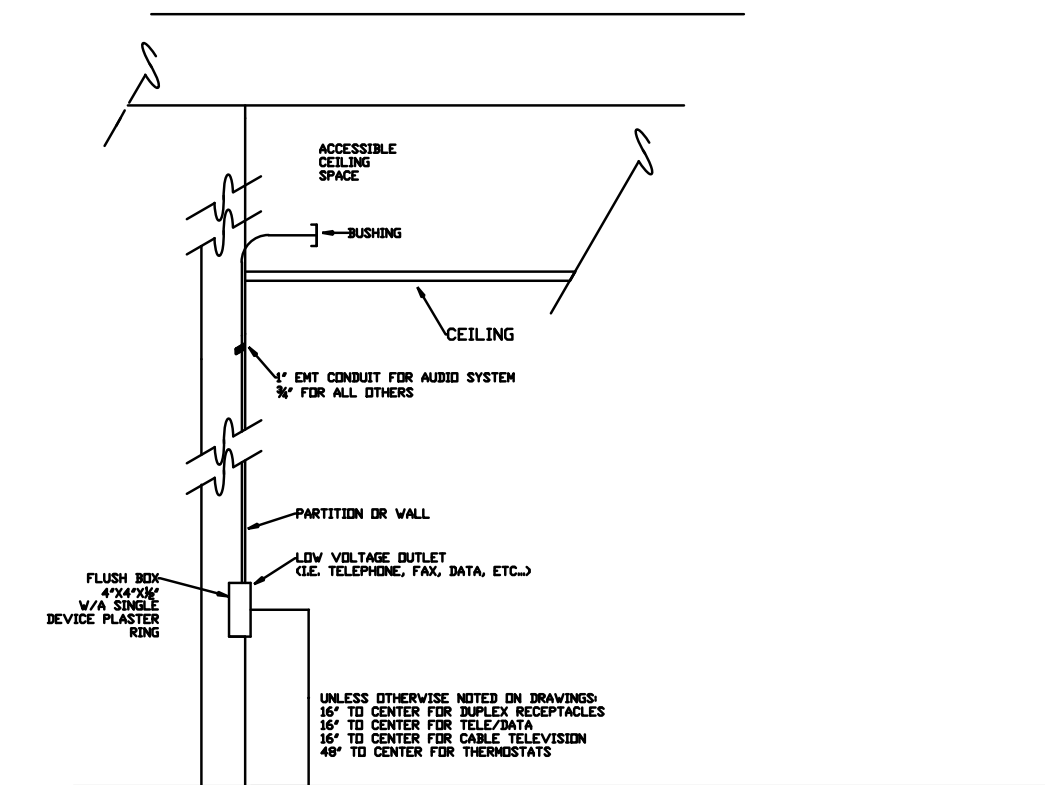


### 2 TELECOMMUNICATIONS SERVICE DETAIL E1 NTS



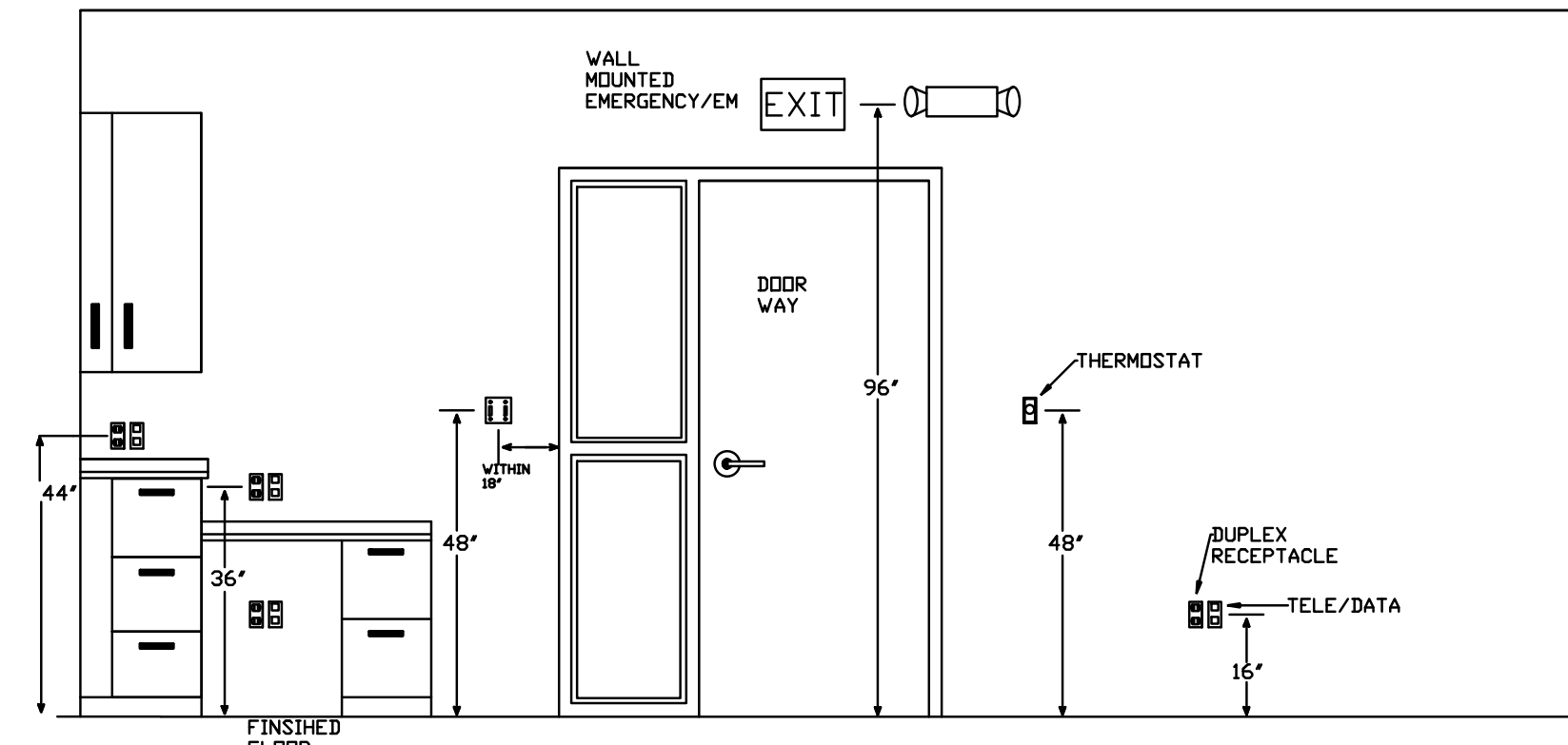
NOTE:  
1. CONTRACTOR TO BOND ALL METAL PIPING SYSTEMS WITHIN THE BUILDING.  
2. CONTRACTOR TO PROVIDE GROUND BUSHINGS ON ALL CONDUITS CONNECTED TO PANEL BOARDS, TRANSFORMERS, ETC.

### 3 TYPICAL GROUNDING DETAIL E1 SCALE: NOT TO SCALE



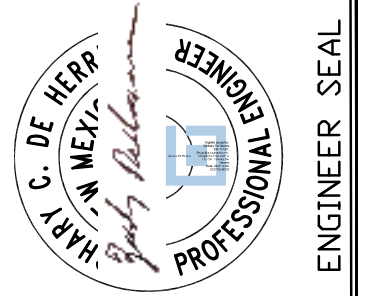
NOTE:  
1. ALL LOW VOLTAGE CABLE IS TO BE PLENUM RATED.  
2. CABLE INSTALLED ABOVE NON-ACCESSIBLE CEILINGS AND WHERE EXPOSED SHALL BE IN CONDUIT.

### 4 DEVICE MOUNTING HEIGHT DETAIL E1 SCALE: NOT TO SCALE



NOTE:  
1. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL TELEVISION OUTLETS WITH THE ARCHITECT PRIOR TO INSTALLATION.  
2. ALL DEVICES SHOWN ARE FOR REFERENCES OF MOUNTING HEIGHT ONLY. THE ELECTRICAL CONTRACTOR SHALL FIELD ADJUST THE HEIGHTS OF THE DEVICES AS REQUIRED FOR PROPER MOUNTING.  
3. ALL DEVICES REQUIRED FOR THIS PROJECT MAY NOT APPEAR IN THIS DETAIL. ALL ITEMS IN THIS DETAIL MAY NOT BE REQUIRED FOR THIS PROJECT.

### 5 DEVICE MOUNTING HEIGHT DETAIL E1 SCALE: NOT TO SCALE



AZTEC PUBLIC WORKS  
610 WESTERN DR., AZTEC, NM 87610

ELECTRICAL SITE PLAN

SPECTRA  
ENGINEERING

922 WEST MAIN, BLOOMFIELD, NEW MEXICO 87413  
PHONE: 505-634-6763

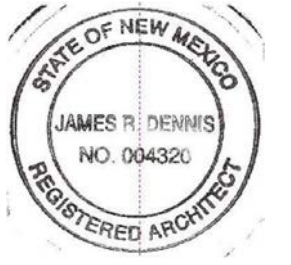
REVISIONS  
REV 1 12/6/24

DEC. 6, 2024

E-1

1 OF 4 SHEETS

ARCHITECT



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1/17/2025

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JOE DRAIN BY:  
1/17/2025 REVIEWED BY:  
1/17/2025 DATE REVIEWED:  
1/17/2025 APPROVAL DATE:

DATE REVISION /ISSUE

Permits

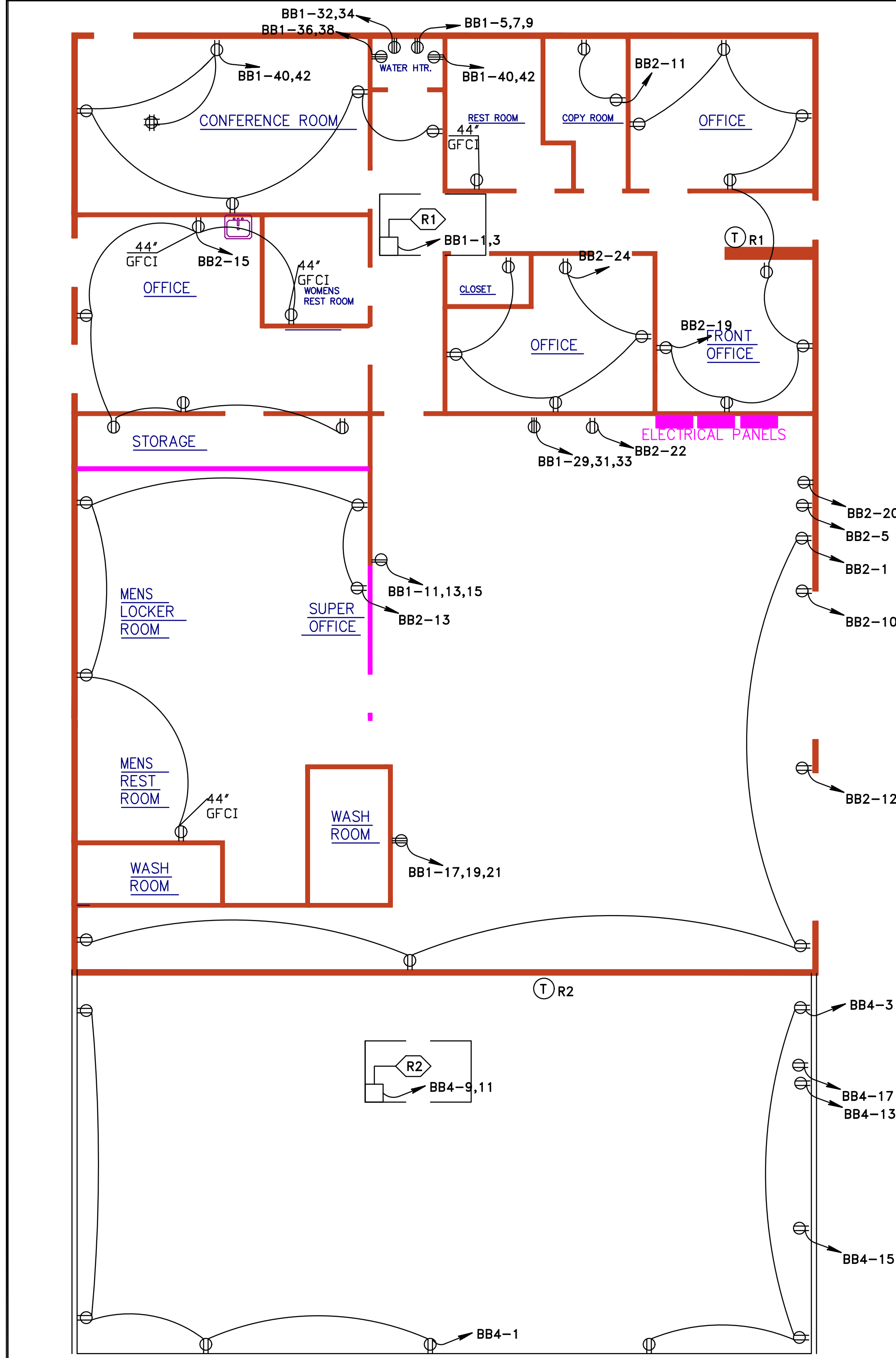
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E1 ELECTRICAL

| Panel Schedule                   |  |  |  | BB1 PANEL (EXISTING)      |  |  |  |                           |  |  |  |                         |  |                              |  |
|----------------------------------|--|--|--|---------------------------|--|--|--|---------------------------|--|--|--|-------------------------|--|------------------------------|--|
| VOLT/PHASE/WIRE: 208V/120V/3P/4W |  |  |  | BUS AMPACITY: 400A        |  |  |  | 400A                      |  |  |  | FEEDS FROM:             |  | SERVICE DISC. - SEE ONE LINE |  |
| MOUNT/ENCLOSURE: FLUSH/N1        |  |  |  | BUILDING MATERIAL: COPPER |  |  |  | FEEDER SIZE: SEE ONE LINE |  |  |  | SERVICE ENTR. RATED: NO |  |                              |  |
| MAIN BREAKER: 400A               |  |  |  | K&C RATINGS: 15K&C        |  |  |  | EXISTING PANEL: NO        |  |  |  |                         |  |                              |  |
| MAIN LUIGS: 400A                 |  |  |  | SERIES/FULLY RATED: FULLY |  |  |  |                           |  |  |  |                         |  |                              |  |
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MAIN POWER PLAN

\$TO

THERMAL OVERLOAD SWITCH

POWER PANEL

MOTOR

DUPLEX RECEPTACLE

SPLIT WIRED DUPLEX RECEPT.

CEILING MOUNTED DUPLEX REC.

FOURPLEX RECEPTACLE

FLOOR MOUNTED FOURPLEX

FLOOR MOUNTED DUPLEX

240V RECEPTACLE 2/AMPACITY

XXA

HOME RUN CIRCUIT

CIRCUIT DESIGNATION

MOUNTING HEIGHT

FLAG NOTE

MECHANICAL EQUIP.

DISCONNECT SWITCH (IF SHOWN WITHIN THE EQUIPMENT BLOCK IT IS PROVIDED WITH EQUIPMENT)

TELEPHONE TERM. BOARD (TTB)

BOOST TRANSFORMER

BT

GFCI

GROUND FAULT CIRCUIT INT.

WP

WEATHER PROOF

NEC

NATIONAL ELECTRIC CODE

TELE/DATA OUTLET

CABLE TELEVISION OUTLET

CEILING MOUNTED J-BOX

WALL MOUNTED J-BOX

THERMOSTAT

PANEL DESIGNATOR

PP1

GENERAL NOTES

1. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED WITH FIRE STOPPING, IE, 3M BRAND CAULK, PUTTY, STRIP AND SHEET FORMS, DOW CORNING 3-6548 SILICONE TRV FOAM. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE RATED WALLS/CEILINGS.

2. ALL DEVICES ARE TO BE FLUSH MOUNTED WITH WIRE AND CONDUIT TO BE CONCEALED INSIDE WALL/CEILING SPACE UNLESS OTHERWISE NOTED ON DRAWINGS.

3. REFER TO THE LIGHTING PLAN FOR CIRCUITING REQUIREMENTS OF EXHAUST FANS.

4. ALL MECHANICAL EQUIPMENT IS BASED ON INFORMATION RECEIVED FROM CLIENT. ALL LOCATIONS, LOADS, AND EXACT MECHANICAL SPECS FOR ALL MECHANICAL EQUIPMENT NEED TO BE VERIFIED BY ALL CONTRACTORS PRIOR TO PRICING AND ROUGH-IN.

5. ALL INTERIOR ELECTRICAL WIRING AND RACEWAYS ARE TO BE REPLACED "IN KIND" IF REQUIRED.

FLAG NOTES

1

CONTRACTOR TO REPLACE ALL INTERIOR WIRING AND RACEWAYS "IN KIND" IF REQUIRED. ANY INTERIOR LIGHTING AND RECEPTACLES SHALL BE REPLACED IF REQUIRED. RE-USE EXISTING CONDUIT IF POSSIBLE, REPLACE OTHERWISE.

2

3

4

5



ATZTEC PUBLIC WORKS  
610 WESTERN DR., AZTEC, NM 87610

POWER PLAN

SPECTRA  
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PHONE: 505-634-6763

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| REV 1     | 12/8/24 |

DEC. 6, 2024

E-3

3 OF 4 SHEETS

ARCHITECT



James R. Dennis

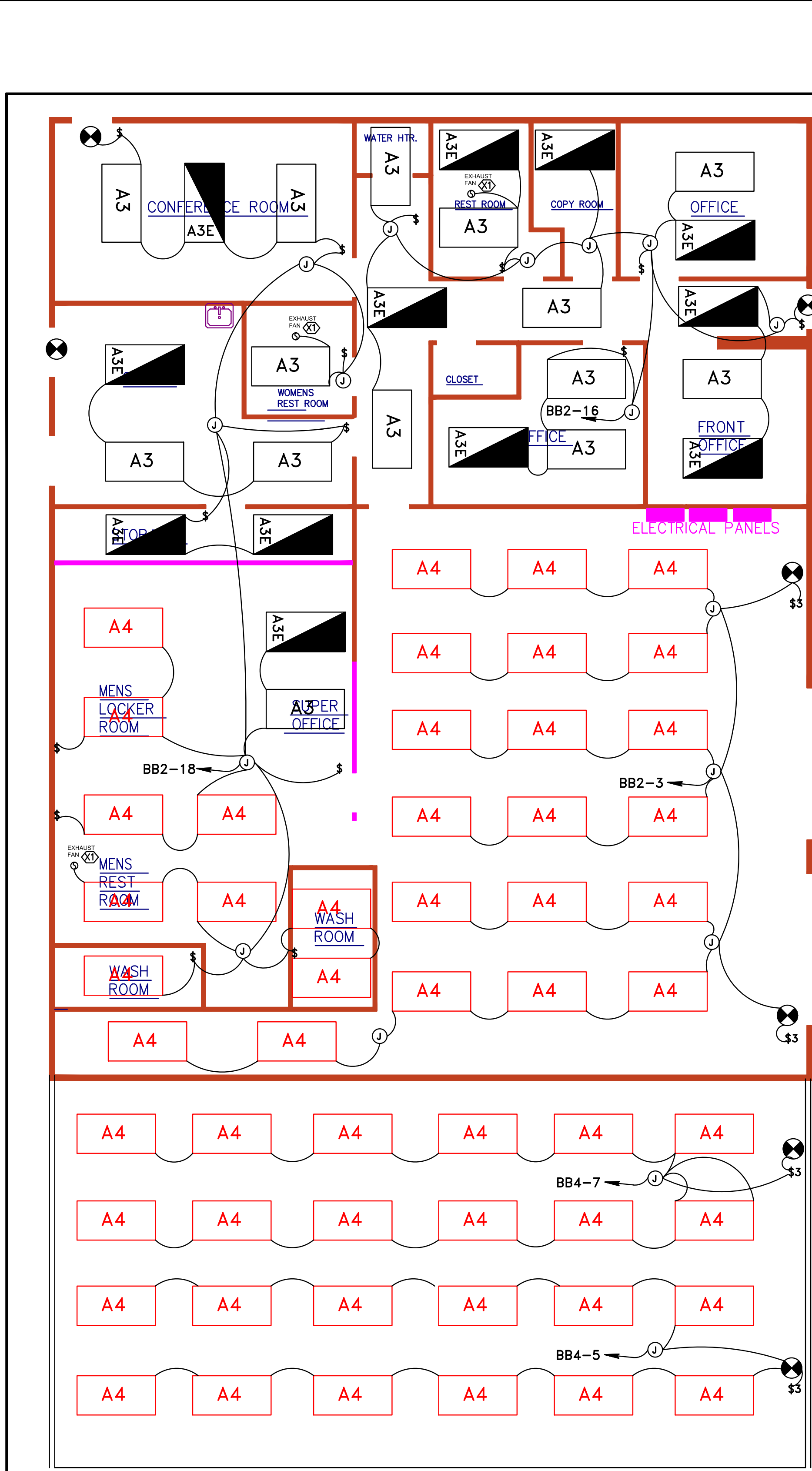
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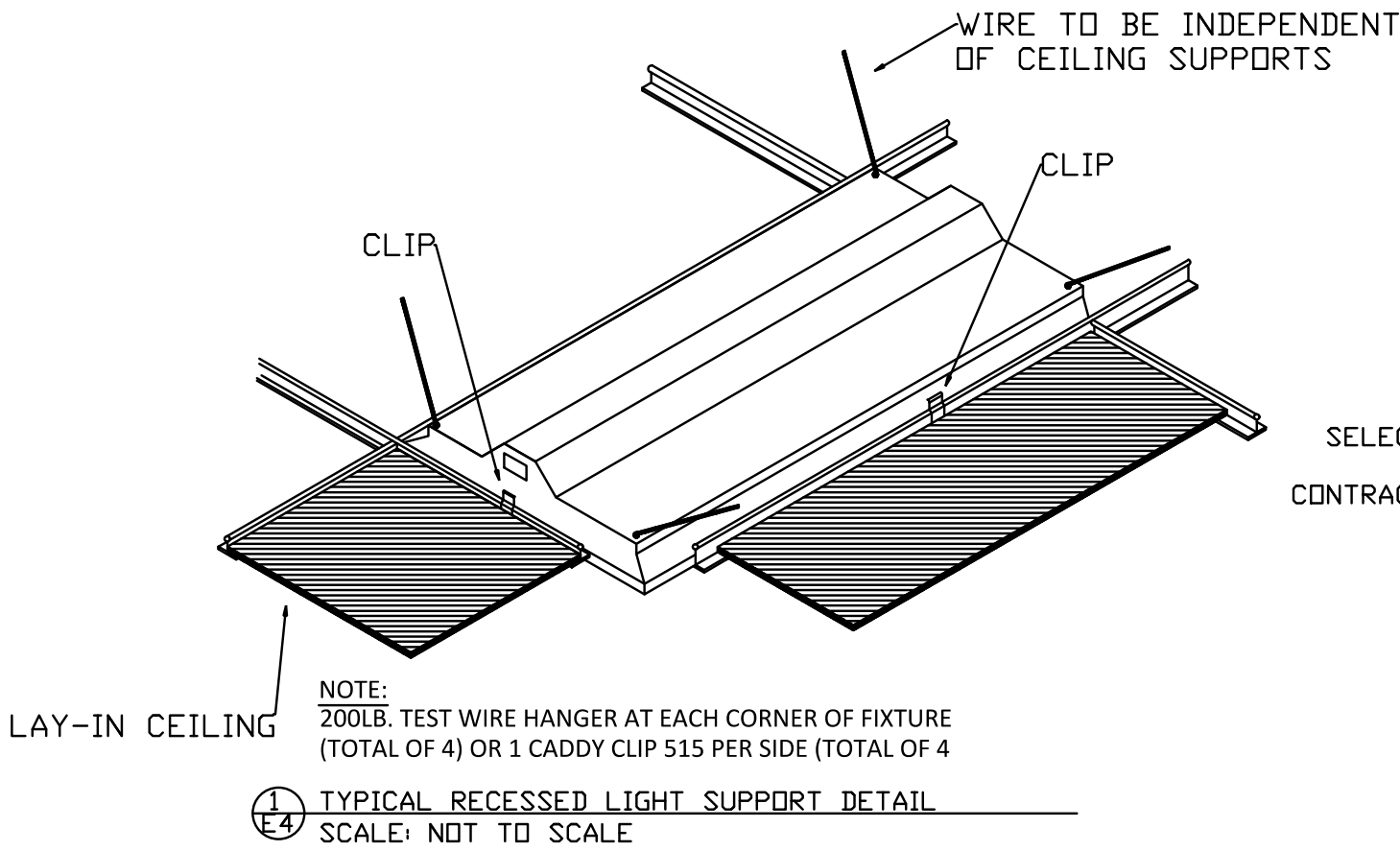
City of Aztec Public Works  
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| DATE      | REVISION /ISSUE |
| 1/17/2025 | Permits         |
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PROJECT NO.  
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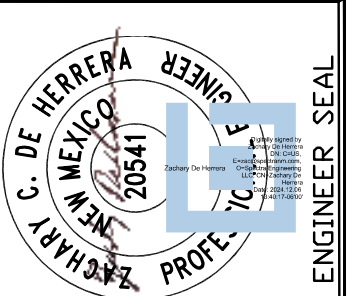
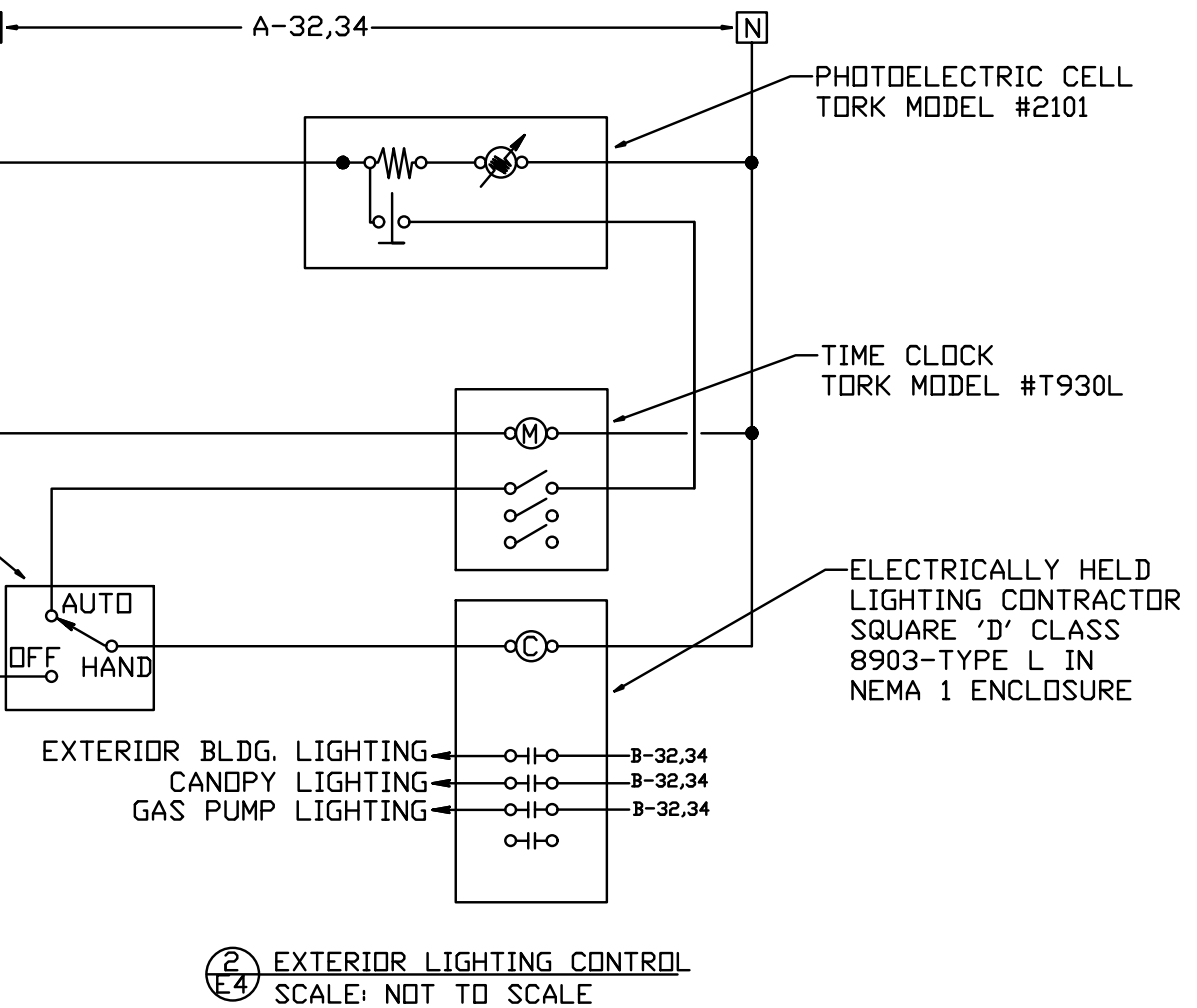


MAIN LIGHTING PLAN



| LUMINAIRE SCHEDULE   |              |                               |                            |
|--|--------------|-------------------------------|----------------------------|
| SYMBOL   | MANUFACTURER | CATALOG #                     | VOLTAGE (W) BALLAST        |
| A1   | LITHONIA     | 2GT8332A1212010IS             | 120V (3) F32T8/TL735       |
| A2   | LITHONIA     | 2GT8232A1212010IS             | 120V (3) F32T8/TL735       |
| A3   | LITHONIA     | 2GT8332A1212010IS/3GB10IS     | 120V (3) F32T8/TL735       |
| A3E  | LITHONIA     | 2GT8332A12120GEB1/3EL14       | 120V (3) F32T8/TL735       |
| CD   | LITHONIA     | LF6N1/26-42 TRTF6W4A2120-ADEZ | 120V (1) 261TT/TL735       |
| CI   | LITHONIA     | LF6N1/26-42 TRTF6B5120-GBB    | 120V (1) 261TT/TL735       |
| OR CUSTOMER SPEC. EQUIV.   |              |                               | (1) ELECTRONIC             |
| FOR CONFERENCE ROOM  |              |                               | (1) ELECTRONIC             |
| WP232120GEB10IS  |              |                               | 120V (4) F32T8/TL735       |
| UC848120   |              |                               | 120V (3) F32T8/TL735       |
| LB32120GEB10IS   |              |                               | 120V (2) F32T8/TL735       |
| TC232MV  |              |                               | 120V (4) F32T8/TL735       |
| VP-C-1-26-F-120  |              |                               | 120V (1) 26W DTT           |
| J1100W M5  |              |                               | STANDARD BALLAST           |
| W5R 100WMTU120 2ELED DSST  |              |                               | 120V (1) 100W METAL HALIDE |
| LED EMERG LIGHTING   |              |                               | (1) 100W METAL HALIDE      |
| OW1044-2QF13120/277-SDFM   |              |                               | 120/277V (2) 130TT         |
| M451-1506-W-08-A-000 WITH OS8020000 ENCLOSURE  |              |                               | 120V (1) 150W METAL HALIDE |
| LQMSW3G120/277ELN  |              |                               | ELECTRONIC MULTIVOLT       |
| LQMSW3G120/277ELN  |              |                               | MULTIVOLT                  |
| LQMSW3G120/277N W/MR24 K0906 REMOTE HEAD   |              |                               | MULTIVOLT                  |
| ELM2   |              |                               | 120V                       |
| CUSTOMER SPECIFIED LIGHTING  |              |                               | 120V                       |
| NOTES:   |              |                               |                            |
| 1. ELECTRONIC FLUORESCENT BALLAST'S SHALL HAVE A TOTAL HARMONIC DISTORTION OF LESS THAN 20% (+/- 5%) AND AND A BALLAST FACTOR EQUAL TO OR GREATER THAN 85%.  |              |                               |                            |
| 2. ALL LIGHTING FIXTURES SHOWN HALF SHADED SHALL BE PROVIDED WITH AN EMERGENCY BALLAST (BODINE OR ENGINEER APPROVED EQUIVALENT) FOR OPERATION OF TWO LAMPS IN A 4 OR 3 LAMP FIXTURE AND 1 LAMP IN A 2 LAMP FIXTURE. BALLAST SHALL BE CONNECTED TO THE UNSWITCHED SIDE OF THE LIGHTING CIRCUIT. |              |                               |                            |
| 3. GRID TROFFER TYPE LIGHTING FIXTURES SHALL NOT BE SOLELY SUPPORTED FROM THE T-BAR CEILING GRID UNLESS INSTALLATION CONFORMS TO UBC 25-209.7.   |              |                               |                            |
| 4. COORDINATE WITH THE DRAWINGS TO PROVIDE TWO BALLASTS IN FLUORESCENT LIGHT FIXTURES FOR DUAL LEVEL SWITCHING.  |              |                               |                            |
| 5. EXTERIOR LIGHTING SHALL BE CONTROLLED BY A PHOTOCELL AND TIME CLOCK AS PER EXTERIOR CONTROL DETAIL.   |              |                               |                            |

| LEGEND  |   |                  |                        |
|---|---|------------------|------------------------|
| \$  | SWITCH  | HOME RUN CIRCUIT | NL                     |
| \$3   | THREE WAY SWITCH  | PP1-XX           | CIRCUIT DESIGNATION    |
| \$5   | FIVE WAY SWITCH   | XX"              | MOUNTING HEIGHT        |
| \$D   | DIMMABLE SWITCH   | XX               | FLAG NOTE              |
| PP1   | POWER PANEL   | XX               | MECHANICAL EQUIP.      |
| PP1   | PANEL DESIGNATOR  | XX               | LIGHTING CONTACTOR     |
| PP1   | MOTOR   | XX               | PHOTOCELL              |
| PP1   | CEILING MOUNTED J-BOX   | XX               | EXIT SIGN W/ DIRECTION |
| PP1   | THERMOSTAT  | XX               |                        |
| GENERAL NOTES   |   |                  |                        |
| 1. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED WITH FIRE STOPPING, IE. 3M BRAND CAULK, PUTTY, STRIP AND SHEET FORMS, DOW CORNING 3-6548 SILICONE TRV FOAM. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE RATED WALLS/CEILING. |   |                  |                        |
| 2. ALL DEVICES ARE TO BE FLUSH MOUNTED WITH WIRE AND CONDUIT TO BE CONCEALED INSIDE WALL/CEILING SPACE UNLESS OTHERWISE NOTED ON DRAWINGS.  |   |                  |                        |
| 3. CIRCUIT ALL EMERGENCY AND EXIT SIGNS TO THE UNSWITCHED SIDE OF THE LIGHTING CIRCUIT.   |   |                  |                        |
| 4. ALL LIGHT SWITCHES SHALL BE MOUNTED AT 48" WITH DECORA BRAND FACE PLATES.  |   |                  |                        |
| 5. COORDINATE THE MOUNTING HEIGHT OF ALL WALL MOUNTED LIGHT FIXTURES WITH ARCHITECTURAL PLANS. CONTRACTOR TO VERIFY MOUNTING HEIGHTS WILL NOT CONFLICT WITH MIRRORS IN RESTROOMS, WINDOWS, OR OTHER OBSTRUCTIONS.                                     |   |                  |                        |
| 6. WHERE LIGHTING CIRCUIT EXCEEDS 100' IN CONDUCTOR LENGTH THE BRANCH CIRCUIT CONDUCTORS SHALL BE INCREASED IN SIZE TO #10AWG, COPPER TO COMPENSATE FOR VOLTAGE DROP.   |   |                  |                        |
| 7. MULTIPLE CIRCUITS MAY BE COMBINED INTO A SINGLE CONDUIT HOMERUN BACK TO THE MAIN PANEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER CONDUIT FILL TO MEET THE REQUIREMENT OF THE NEC.  |   |                  |                        |
| 8. ALL INTERIOR LIGHTING, CABLE, AND RACEWAYS TO BE REPLACED IF REQUIRED.   |   |                  |                        |
| FLAG NOTES  |   |                  |                        |
| 1   | EXTERIOR LIGHTING CONTACTOR AND TIMECLOCK. COORDINATE EXACT LOCATION WITH MECHANICAL EQUIPMENT. PROGRAM THE EXTERIOR LIGHTS FOR MORNING OPERATION TO COME ON AT 6AM, OFF WITH PHOTOCELL, AND EVENING OPERATION TO COME ON WITH PHOTOCELL AND OFF AT 10PM. |                  |                        |
| 2   | MOUNT PHOTOCELL ON THE ROOF FACING NORTH. ADJUST PHOTOCELL AS PER MANUFACTURER'S RECOMMENDATIONS.   |                  |                        |
| 3   |   |                  |                        |
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ENGINEERING

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DEC. 6, 2024  
**E-4**  
4 OF 4 SHEETS

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REGISTERED ARCHITECT  
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1/17/2025

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87410

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E4 Electrical