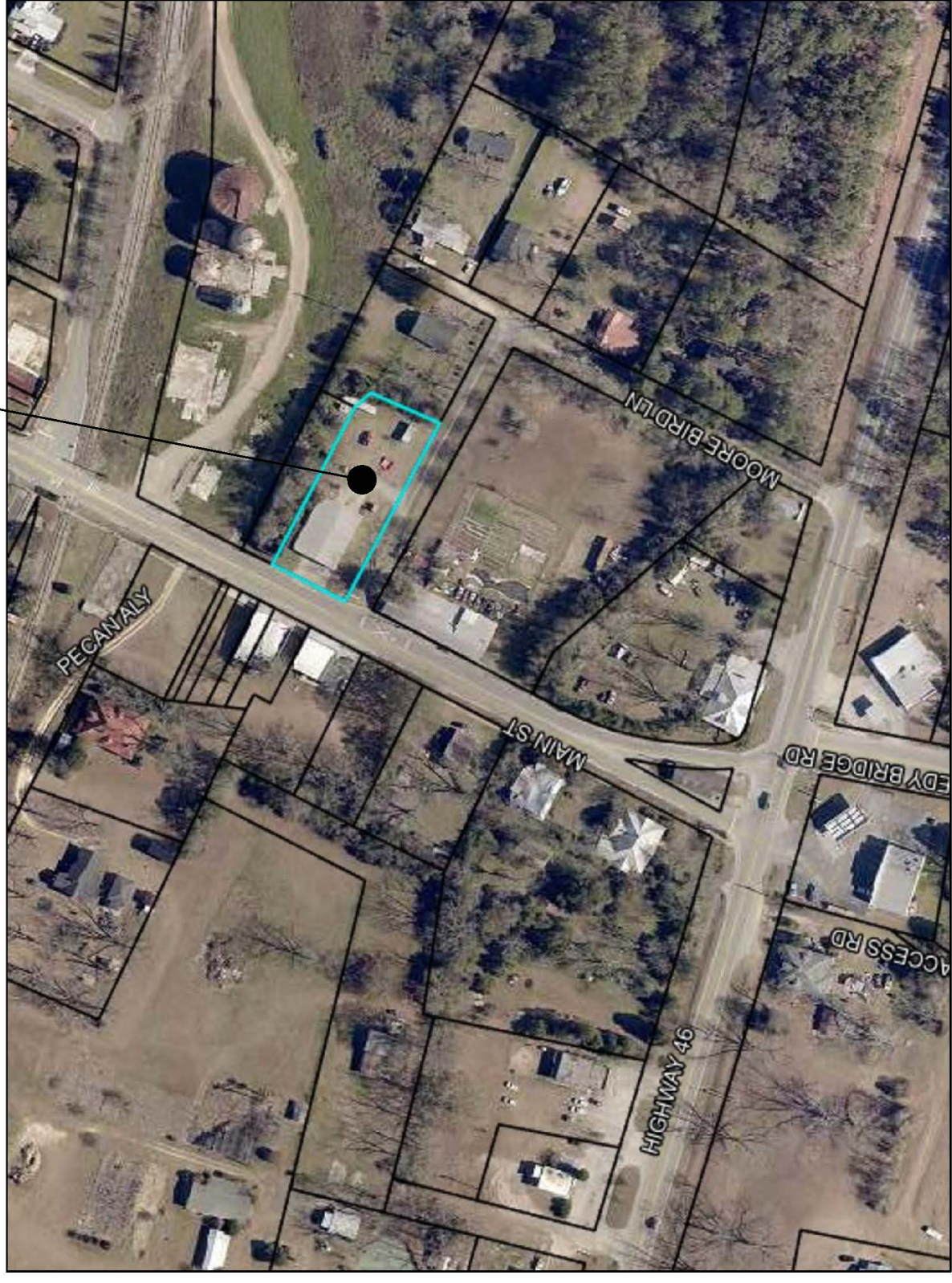


SITE LOCATION



AREA MAP  
REGISTER, GA.

PROJECT TYPE FOR  
**BULLOCH COUNTY FIRE**  
W GRADEY STREET, STATESBORO, GA

INDEX OF DRAWINGS

**CIVIL**  
AC 1.0 SITE PLAN

**ARCHITECTURAL**  
T1.0 COVER PAGE  
D1.0 EXISTING FLOOR PLAN

**STRUCTURAL**  
S1.0 FOUNDATION PLAN

U1.0 UTILITIES & ELEVATION  
E1.0 RCP & POWER PLAN

GENERAL NOTES

THE FOLLOWING NOTES SUPPLEMENT AND ADD TO THE DRAWINGS AND SPECIFICATION. IF THERE IS ANY CONFLICT, AMBIGUITY, ETC., CREATED BY ANY NOTE, THE CONTRACTOR SHALL COMPLY WITH THE MORE STRINGENT REQUIREMENT.

- TIE ALL NEW CONTOURS AND GRADES INTO EXISTING WITH SMOOTH, UNIFORM AND EVEN SLOPES TO ENSURE THAT WATER DRAINS AWAY FROM AND AROUND BUILDINGS.
- CONTRACTOR SHALL PREPARE MASONRY WALLS TO MEET ALL REQUIREMENTS OF IBC/IRC.
- JOINT REINFORCING MAY BE OMITTED IN DETAILING FOR CLARITY.
- INSTALL MASONRY JOINTS AT DESIGNATED INTERVALS WHETHER SHOWN OR NOT OVERLAP ALL FLASHING JOINTS 4" MINIMUM AND SEAL WATERTIGHT.
- THE GENERAL CONTRACTOR, SUB-CONTRACTORS AND ALL EMPLOYEES ON THIS PROJECT ARE NOT ALLOWED TO SCALE DRAWINGS TO DETERMINE DISTANCES, IF NOT DIMENSIONED.
- IF CLARIFICATION IS REQUIRED CONTACT ARCHITECT FOR WRITTEN CONFIRMATION OF DIMENSIONS.
- ALL DIMENSIONS ARE GIVEN TO FACE OF CMU, BRICK OR STUD UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL VERIFY ALL DIMENSION, GRADE FITCHES AND OTHER CONDITIONS BY TAKING MEASUREMENTS PRIOR TO ORDERING MATERIALS OR DOING WORK.
- REFER DISCREPANCIES TO ARCHITECT FOR ADDITIONAL INSTRUCTIONS.
- CONTRACTOR IS RESPONSIBLE FOR MEASUREMENTS.
- NO CONSIDERATION WILL BE GIVEN TO ANY CLAIM BASED ON DIFFERENCES BETWEEN DRAWINGS OR SPECIFICATIONS AND ACTUAL MEASUREMENTS.
- COORDINATING ROUTING OF CONTRACTORS WORK WITH OTHER TRADES IS ESSENTIAL AND ANY EXPENSE REQUIRED FOR REMOVAL AND RELOCATION SHALL BE BORNE BY CONTRACTOR WHERE A DETAIL OR SECTION IS SHOWN FOR ONE CONDITION IT APPLIES TO ALL LIKE OR SIMILAR CONDITIONS.
- ALL WORK SHALL BE INSTALLED TRUE, PLUMB, SQUARE, SMOOTH AND IN A QUALITY WORKMANSHIP LIKE MANNER.

OVERALL DESIGN INFORMATION

- BUILDING DESIGN LOADS
  - 1.1. FLOOR LIVE LOAD - 100PSF
  - 1.2. ROOF LIVE LOAD - 20PSF
  - 1.3. GROUND SNOW LOAD - 0PSF
- WIND LOADING:
  - 2.1. WIND PRESSURE VELOCITY - 110MPH
  - 2.2. WIND EXPOSURE - B
  - 2.3. RISK CATEGORY - II
  - 2.4. IMPORTANCE FACTOR - 1.0
  - 2.5. INTERNAL PRESSURE COEFFICIENT +/- 0.18
- COMPONENT AND CLADDING PRESSURE
  - 3.1. ROOF - +20/-50 PSF
  - 3.2. ROOF W/ 8' EDGE/RIDGE - +20/-85PSF
  - 3.3. ROOF W/ 8' CORNERS - +20/-125PSF
  - 3.4. WALLS - +45/-48PSF
  - 3.5. WALLS W/ 8' CORNERS - +45/-60PSF
- STRUCTURAL COMPONENTS AND SYSTEMS SHALL BE DESIGNED FOR THE FOLLOWING DEFLECTIONS
  - 4.1. WINDOWS AND WINDOW SUPPORTS U/360
  - 4.2. WALLS U/480
  - 4.3. FLOORS U/360 U/240
  - 4.4. ROOFS U/240 U/180
- SEISMIC LOADING INFORMATION
  - 5.1. SITE CLASS - D
  - 5.2. DESIGN SPECTRAL RESPONSE ACCELERATION
    - 5.2.1. SDS (0.2 SEC) 0.236
    - 5.2.2. SD1 (0.1 SEC) 0.154
  - 5.3. SEISMIC DESIGN CATEGORY - C
    - 5.3.1. IMPORTANCE FACTOR (I) 1.25
    - 5.3.2. RESPONSE MODIFICATION FACTOR (R) 3
    - 5.3.3. DEFLECTION AMPLIFICATION FACTOR (CD) 3
    - 5.3.4. SEISMIC BASE SHEAR 0.091 \*W

PROJECT SCOPE:

- NEW ADDITION CONSTRUCTION COMMERCIAL
- APPLICABLE CODES:
  - IBC/IRC 2018 EDITION (INCLUDING GA AMENDMENTS)
  - IECC 2018
  - IFC 2018
  - MECHANICAL IMC 2018
  - ELECTRICAL NEC 2018
  - FIRE IFC 2018 (INCLUDING GA AMENDMENTS)
  - LIFE SAFETY NFPA 101 2018 (INCLUDING GA AMENDMENTS)
  - ACCESSIBILITY ADA 2010 EDITION (ANSI-117.1)

TYPES OF CONSTRUCTION - (TABLE 601)  
NON-COMBUSTIBLE PRE-ENGINEERED METAL BUILDING.  
INTERIOR NON-LOAD BEARING WOOD PARTITIONS.

FIRE/EMS STATION  
TRANSIENT OCCUPANCY

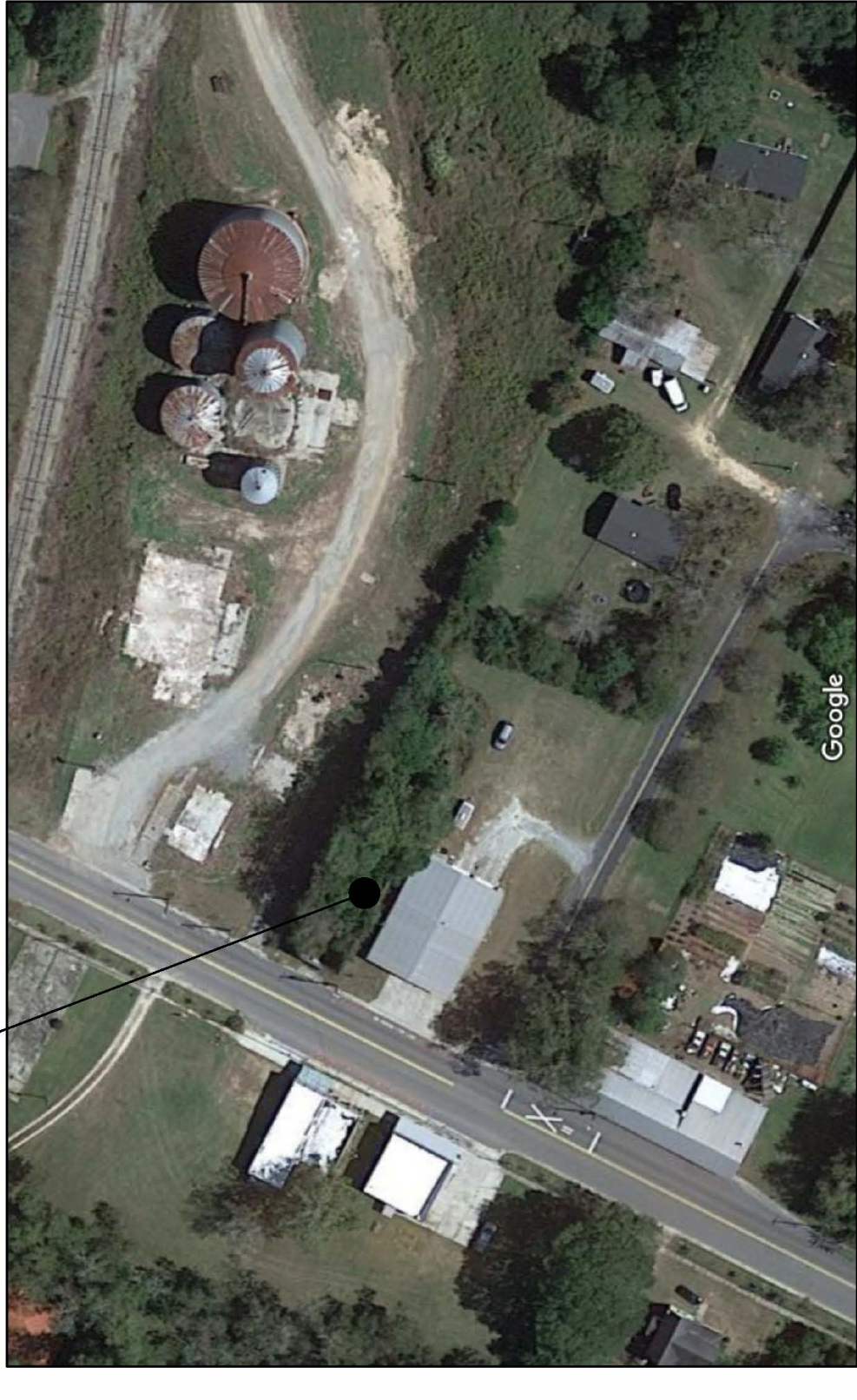
TYPICAL ABBREVIATIONS

|            |          |                           |
|------------|----------|---------------------------|
| ANGLE      | DISP.    | DISPENSER                 |
| AT         | EACH     | EACH                      |
| A.B.       | EAD      | ELECTRIC HAIR DRYER       |
| A.F.F.     | EHD      | ELECTRIC HAND DRYER       |
| ALT.       | E.J.     | EXPANSION JOINT           |
| ALUM.      | ELEV.    | ELEVATION                 |
| ANOD.      | EQ.      | EQUAL                     |
| A.T.       | EXP.     | EXPANSION                 |
| A.U.       | EXT.     | EXTERIOR                  |
| BCS        | F.A.S.   | FINISH ALL SIDES          |
| BD.        | F.D.     | FLOOR DRAIN               |
| BET.       | F.E.     | FIRE EXTINGUISHER         |
| BLK.       | F.F.     | FINISH FLOOR              |
| B.N.       | FIN.     | FINISH                    |
| B.M.       | FLOOR    | FLOOR                     |
| CH         | F.R.     | FIRE RATED                |
| CHALKBOARD | FSS      | FOLDING SHOWER SEAT       |
| CEILING    | FT.      | FOOT                      |
| CEILING    | FTD      | FACIAL TISSUE DISPENSER   |
| CEILING    | GA.      | GALVE                     |
| CEILING    | GALV.    | GALVANIZED                |
| CEILING    | GRAB BAR | GRAB BAR                  |
| CEILING    | G.C.C.B. | CONCRETE BLOCK            |
| CEILING    | GYP.     | GYPSUM                    |
| CEILING    | H.C.     | HANDICAPPED ACCESSIBLE    |
| CEILING    | H.M.     | HOLLOW METAL              |
| CEILING    | HT.      | HEIGHT                    |
| CEILING    | INSUL.   | INSULATION                |
| CEILING    | JT.      | JOINT                     |
| CEILING    | LAM.     | LAMINATED                 |
| CEILING    | L.F.     | LINEAL FOOT               |
| CEILING    | RH       | ROBE HOOK                 |
| CEILING    | R.M.     | ROOM                      |
| CEILING    | R/W      | RIGHT OF WAY              |
| CEILING    | S.C.     | STORAGE CABINET           |
| CEILING    | SCD      | SEAT COVER DISPENSER      |
| CEILING    | SCH      | SHOWER CURTAIN AND HOOKS  |
| CEILING    | SCR      | SHOWER CURTAIN ROD        |
| CEILING    | SD       | SOAP DISPENSER            |
| CEILING    | S.F.     | SQUARE FOOT               |
| CEILING    | SIM.     | SIMILAR                   |
| CEILING    | SNR      | SANITARY NAPKIN DISPENSER |
| CEILING    | SQ. FT.  | SQUARE FOOT               |
| CEILING    | SS       | STAINLESS STEEL           |
| CEILING    | ST       | SOAP TRAY                 |
| CEILING    | STL.     | STEEL                     |
| CEILING    | STOR.    | STORAGE                   |
| CEILING    | SUSP.    | SUSPENDED                 |
| CEILING    | T.B.     | TACK BOARD                |
| CEILING    | T.C.     | TUMBLER/TOOTHBRUSH HOLDER |
| CEILING    | T.C.     | TEACHER'S CABINET         |
| CEILING    | TEMP.    | TEMPERED                  |
| CEILING    | TH       | TOWEL HOLDER              |
| CEILING    | TK       | THICK                     |
| CEILING    | TP       | TOWEL PIN                 |
| CEILING    | TR       | TOWEL ROD                 |
| CEILING    | TTD      | TOILET TISSUE DISPENSER   |
| CEILING    | TYP.     | TYPICAL                   |
| CEILING    | U.N.     | UNLESS NOTED              |
| CEILING    | USU      | UTILITY SHELF UNIT        |
| CEILING    | W/       | WITH                      |
| CEILING    | WIND.    | WINDOW                    |

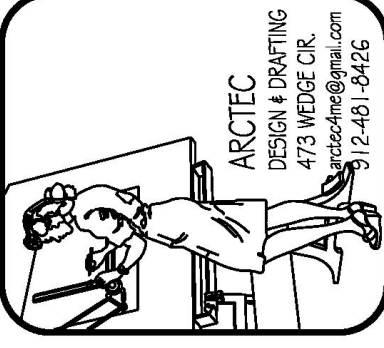
BUILDING ADDITION  
REGISTER FIRE STATION  
BULLOCH COUNTY FIRE

COVER

PROJECT SITE



PARTIAL MAP  
REGISTER, GA



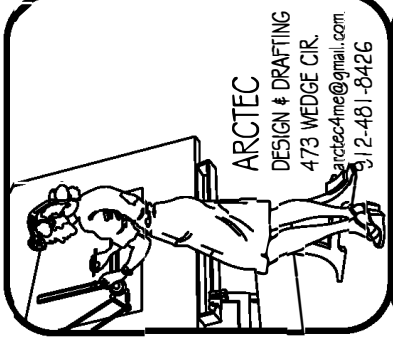
ARCTEC  
DESIGN & DRAFTING  
173 WIDE CREEK  
COLUMBIANA, GA  
(706) 442-6425



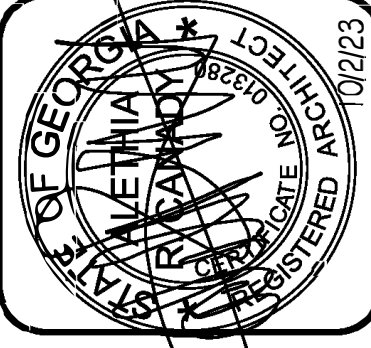
DATE: 03/27/2023  
DRAWN BY: JAC  
CHECKED BY: JAC  
REVISIONS: 02/24/2023

It is the owner's responsibility to verify a contractor's qualifications, financial stability, and ability to complete the project. ARCTEC Designs and its employees are not responsible for the project at the owner's expense.

Copyright notice: This drawing is the property of ARCTEC Designs and may not be reproduced or copied without written permission. Drawings and prints are designed for one project only and may not be used for another project in part or whole.



BUILDING ADDITION  
REGISTER FIRE STATION  
BULLDOCH COUNTY FIRE

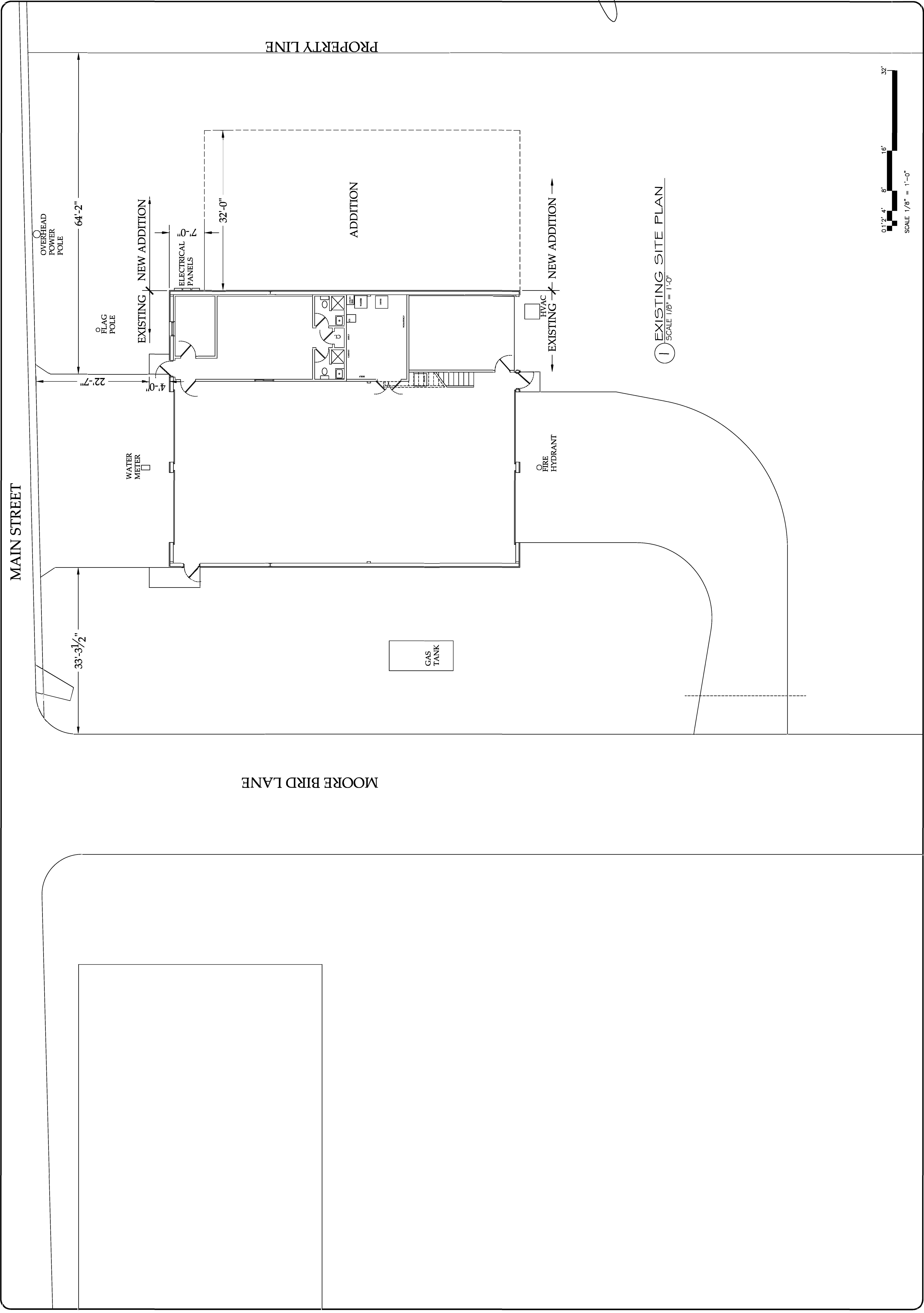


28, 000  
PROJECT NO.: 09/22/2023  
DRAWN BY: [blank]  
REVISED BY: [blank]  
DATE: 09/24/2023  
REVISIONS: [blank]

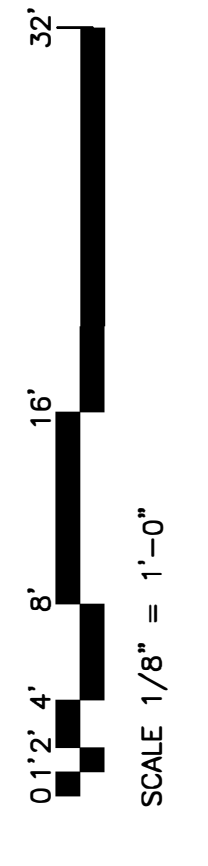
**Contract notice**  
It is the owner's responsibility to acquire a contract and consult it before construction. The engineer is not responsible for electrical, mechanical and plumbing engineers as needed for the project at the owner's expense.  
ARCTEC Designs will not be liable if all criteria of the contract agreement are not met.

**Copyright notice**  
This drawing is the property of ARCTEC Designs and may not be reproduced or copied without written permission.  
Drawings and prints are designed for one project only and may not be used for another project in part or whole.

ACI.0  
SHEET 2 OF 10 SHEETS

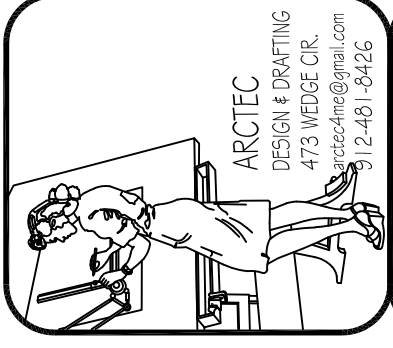


1 EXISTING SITE PLAN  
SCALE 1/8" = 1'-0"

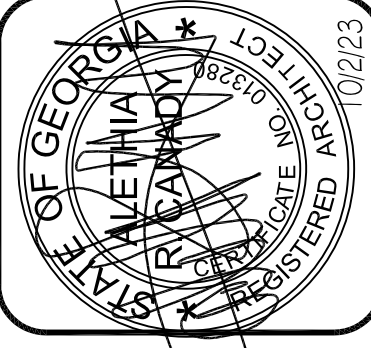








# BUILDING ADDITION REGISTER FIRE STATION BULOCH COUNTY FIRE



|              |            |             |
|--------------|------------|-------------|
| PROJECT NO.  | 23-005     |             |
| PROJECT NAME | 09/27/2023 |             |
| DATE         | 09/27/2023 |             |
| DESIGNER     | ARCTEC     |             |
| DATE         | 09/27/2023 |             |
| REVISIONS    |            |             |
| NO.          | DATE       | DESCRIPTION |
|              |            |             |
|              |            |             |
|              |            |             |
|              |            |             |

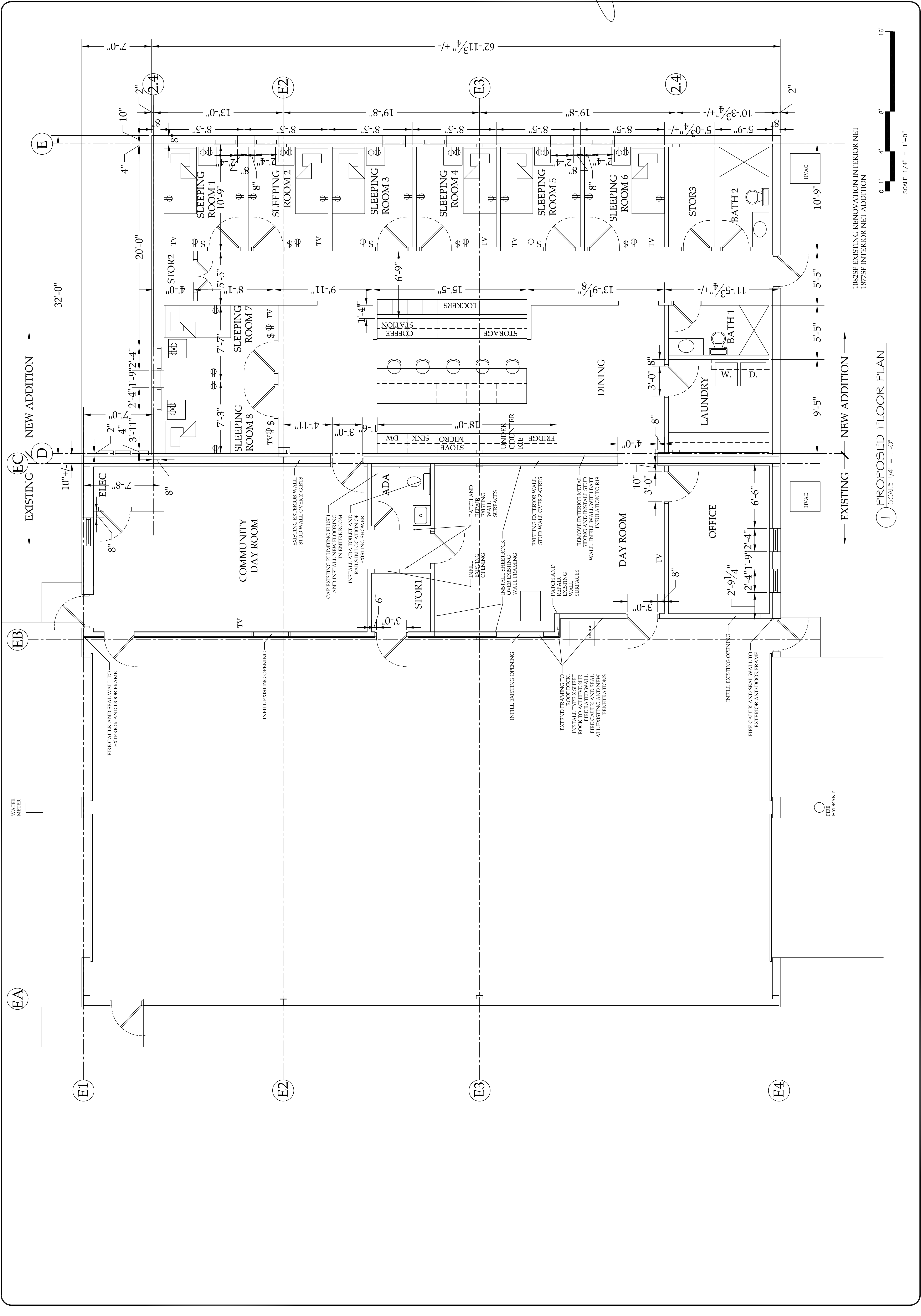
**Contract notice**  
It is the owner's responsibility to secure a contractor and provide the necessary permits for the project. ARCTEC Design and Drafting is not responsible for the project at the owner's expense.

**Copyright notice**  
This drawing is the property of ARCTEC Design and Drafting and may not be reproduced or copied without written permission.

Drawings and prints are designed for one project only and may not be used for another project in part or in whole.

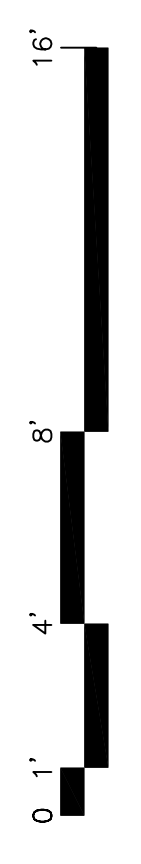
**Copyright notice**  
This drawing is the property of ARCTEC Design and Drafting and may not be reproduced or copied without written permission.

Drawings and prints are designed for one project only and may not be used for another project in part or in whole.

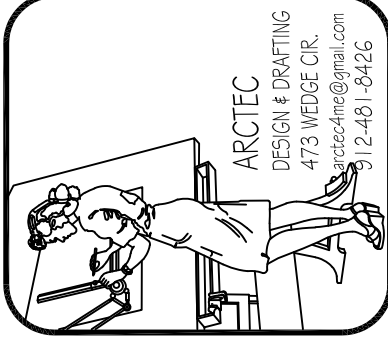


10825F EXISTING RENOVATION INTERIOR NET  
1875F INTERIOR NET ADDITION

1 PROPOSED FLOOR PLAN  
SCALE 1/4" = 1'-0"

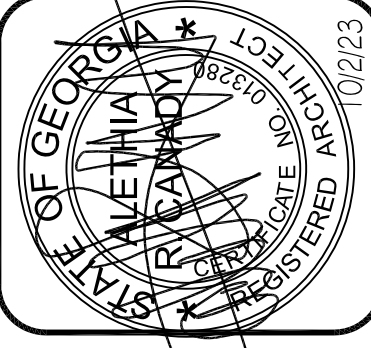


SCALE 1/4" = 1'-0"



ARCTEC  
DESIGN & DRAFTING  
175 WOODCREEK DRIVE  
DUBLIN, GA 31024  
(770) 248-5425

BUILDING ADDITION  
REGISTER FIRE STATION  
BULLOCH COUNTY FIRE

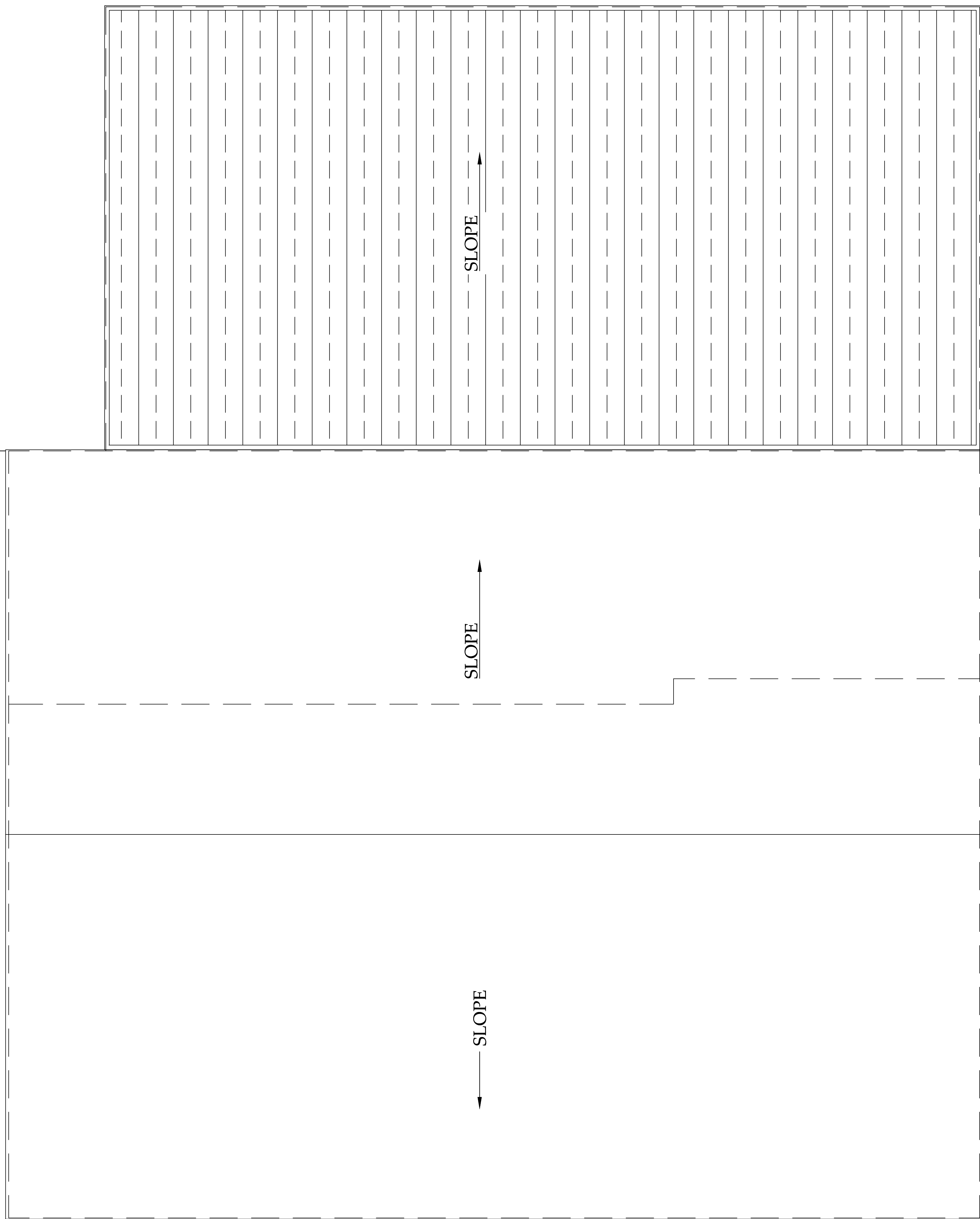


DATE: 03.05  
PROJECT NO.: 097277023  
DRAWN BY: JAC  
CHECKED BY: JAC  
DATE PLOTTED: 03/24/2023  
SCALE: 1/4" = 1'-0"

**Contract notice**  
It is the owner's responsibility to secure a contractor and provide it with the necessary information for the electrical, mechanical and plumbing engineers as needed for the project at the owner's expense.  
ARCTEC Design will not be liable if all criteria of the contract agreement are not met.

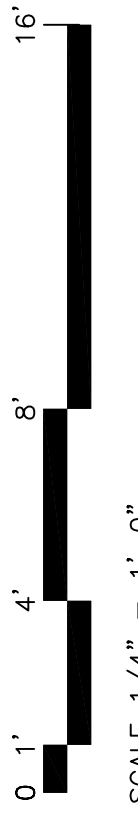
**Copyright notice**  
This drawing is the property of ARCTEC Design and may not be reproduced or copied without written permission.  
Drawings and prints are designed for one project only and may not be used for another project in part or in whole.

← EXISTING → NEW ADDITION →

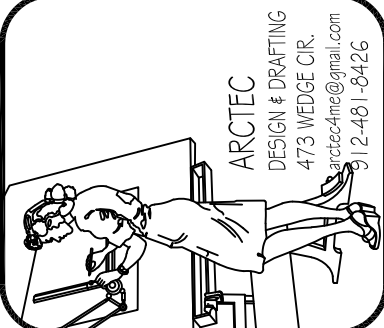


← EXISTING → NEW ADDITION →

1 PROPOSED ROOF PLAN  
SCALE 1/4" = 1'-0"



SCALE 1/4" = 1'-0"



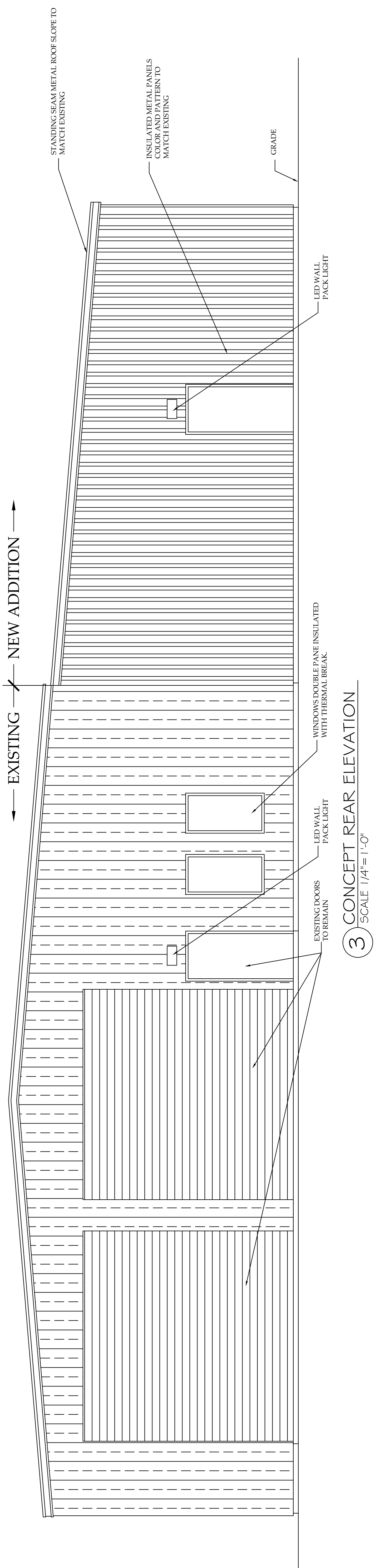
**BUILDING ADDITION**  
REGISTER FIRE STATION  
BULLOCH COUNTY FIRE



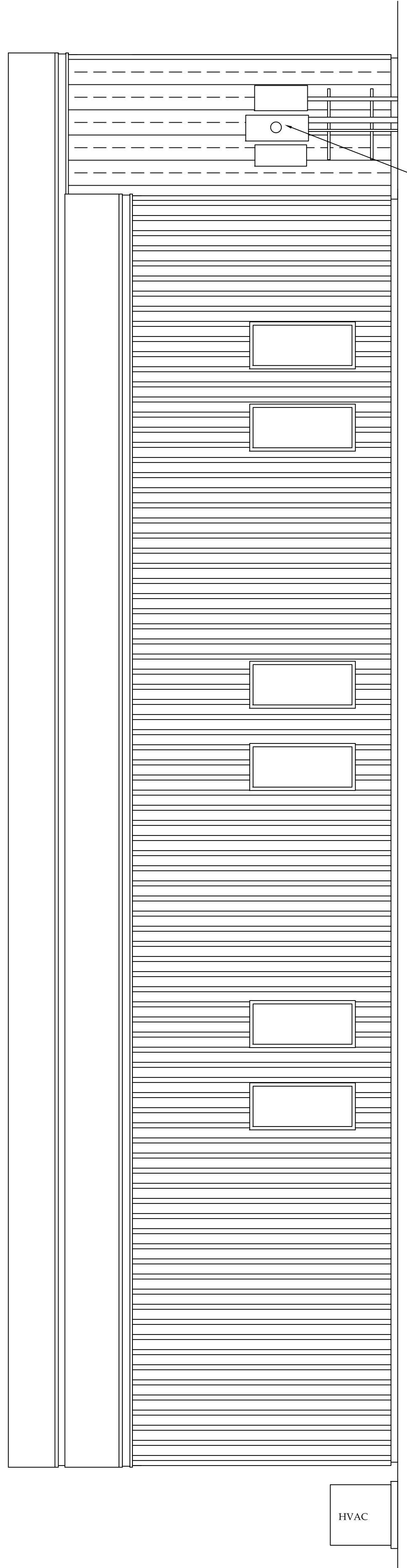
|              |            |
|--------------|------------|
| DATE:        | 23.09.2023 |
| PROJECT NO.: | 09/27/2023 |
| DRAWN BY:    | RF         |
| CHECKED BY:  | RF         |
| DATE:        | 09/27/2023 |
| PROJECT:     |            |

**Contract notice**  
It is the owner's responsibility to agree a contractor, and consult the engineers as needed for the project at the owner's expense.

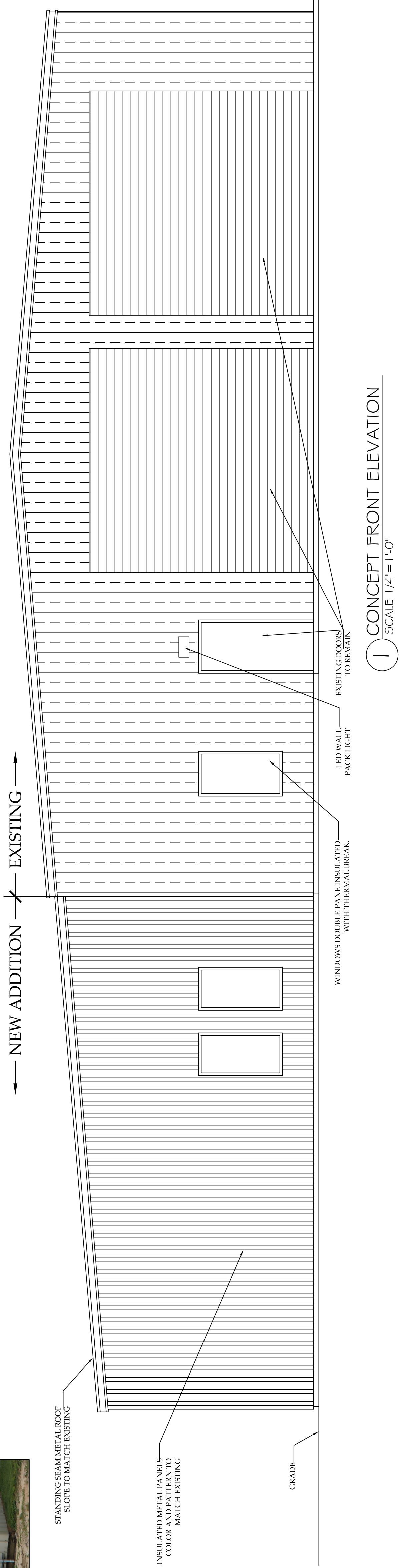
**Copyright notice**  
This drawing is the property of ARCTEC Design and may not be reproduced or copied without written permission.  
Drawings and prints are designed for one project only and may not be used for another project in part or in whole.

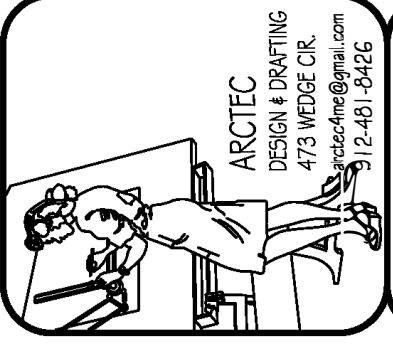


**4 EXISTING REAR ELEVATION**  
SCALE - N.T.S.



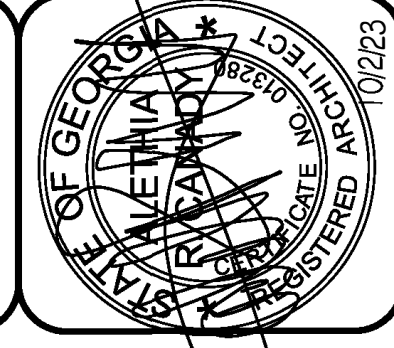
**5 EXISTING SIDE ELEVATION**  
SCALE - N.T.S.





ARCTEC  
DESIGN & DRAFTING  
1000 Peachtree Street, N.E.  
Atlanta, Georgia 30309  
Tel: (404) 525-8888  
Fax: (404) 525-8889

**BUILDING ADDITION**  
 REGISTER FIRE STATION  
 BULLDOCH COUNTY FIRE



JOB NO. 23, 035  
 PROJECT NAME: 09/27/2023  
 DRAWN BY: [Redacted]  
 CHECKED BY: [Redacted]  
 DATE: 09/24/2023  
 PROJECT: [Redacted]

**Contract notice**  
 It is the owner's responsibility to figure a contractor and consult it before any construction work is started. The contractor is responsible for obtaining all necessary permits, electrical, mechanical and plumbing engineers as needed for the project at the owner's expense.

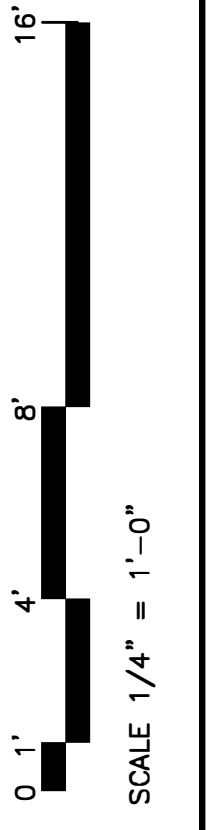
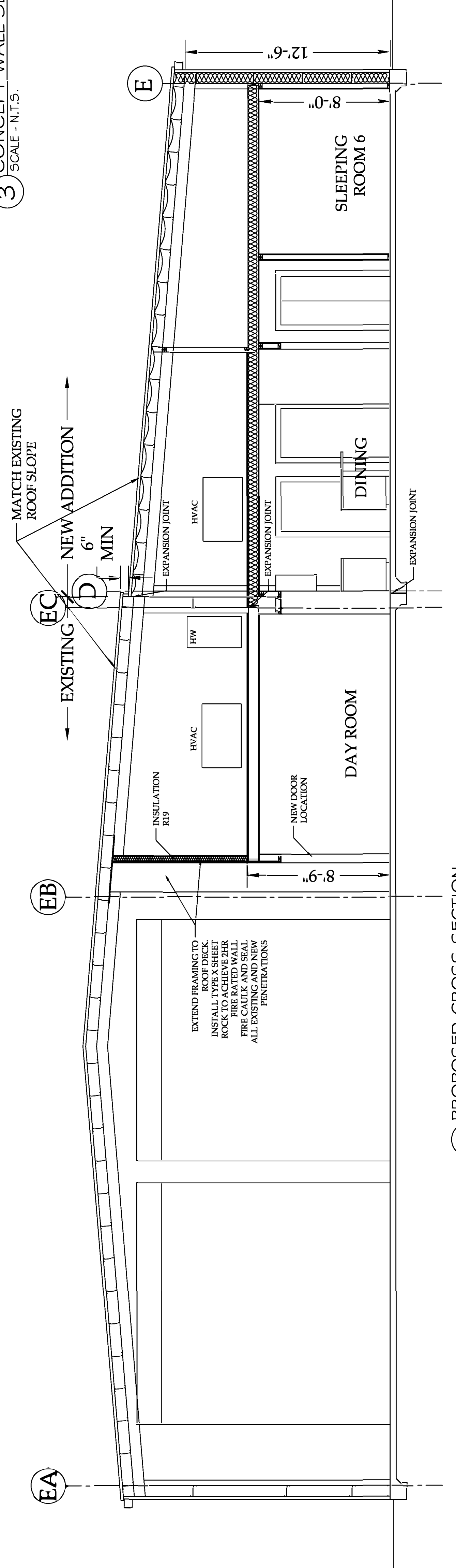
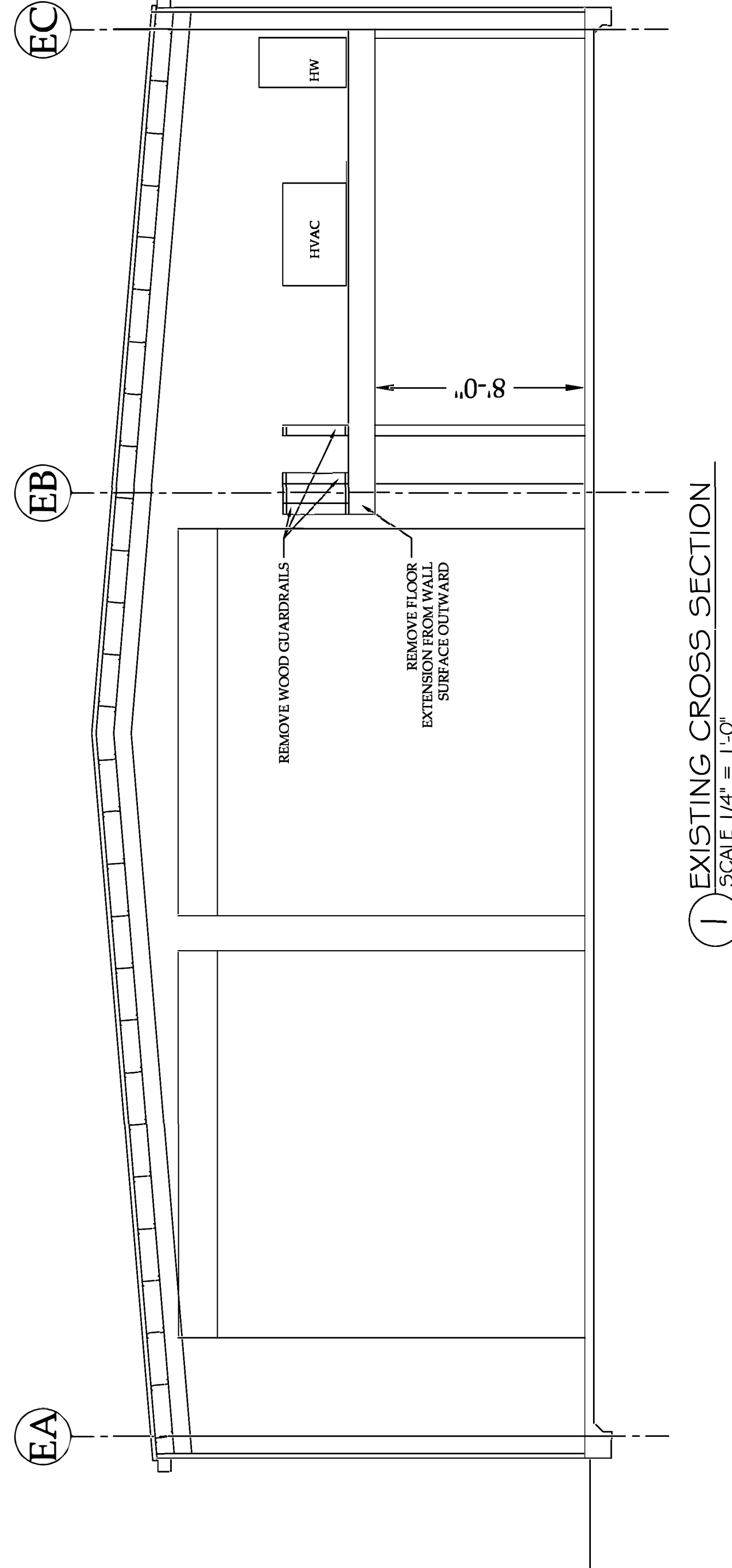
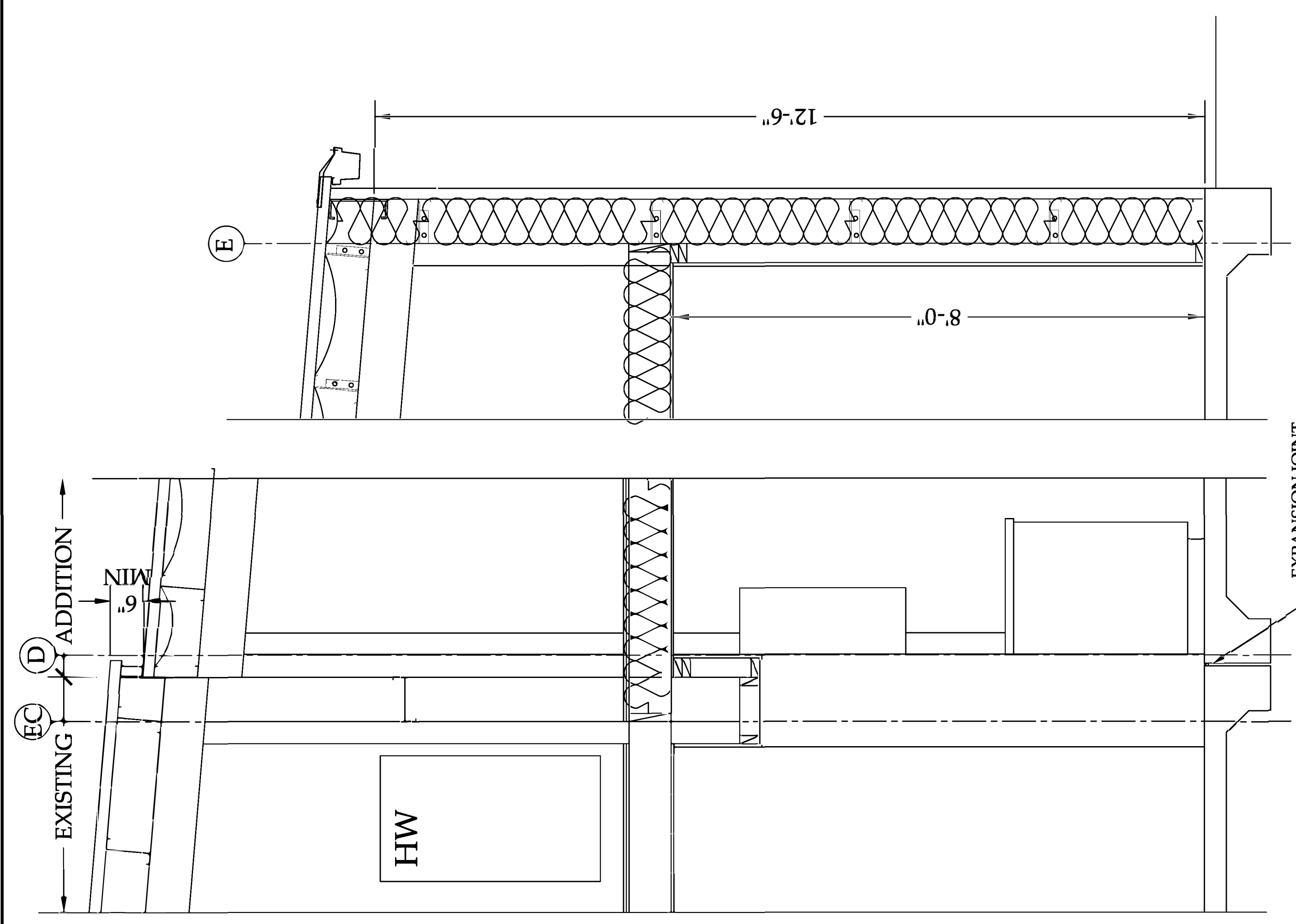
**Copyright notice**  
 This drawing is the property of ARCTEC Designs and may not be reproduced or copied without written permission. Drawings and prints are designed for one project only and may not be used for another project in part or whole.

A4.0  
 SHEET 2 OF 10 SHEETS

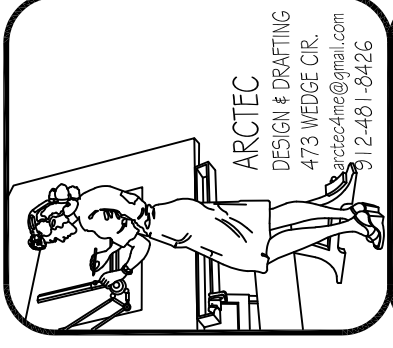
| ROOM               | FLOOR | CEILING | HEIGHT | WALLS | BASE  | DOOR       | HARDWARE |
|--------------------|-------|---------|--------|-------|-------|------------|----------|
| COMMUNITY DAY ROOM | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 HM     | LOCKSET  |
| ELECTRICAL         | SC    | PGB     | 8'     | PGB   | VINYL | 3X7 HM     | LOCKSET  |
| STORAGE1           | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | LOCKSET  |
| ADA RESTROOM       | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | PRIVACY  |
| BATH 1             | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | PRIVACY  |
| BATH 2             | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | PRIVACY  |
| SLEEPING ROOM 1-8  | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | LOCKSET  |
| OFFICE             | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 HM     | LOCKSET  |
| DAY ROOM           | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | N/A      |
| DINING             | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | N/A      |
| KITCHEN            | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | PASSAGE  |
| LAUNDRY            | SC    | PGB     | 8'     | PGB   | VINYL | 2X7 WD(PR) | LOCKSET  |
| STORAGE2           | SC    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | LOCKSET  |
| STORAGE3           | SC    | PGB     | 8'     | PGB   | VINYL | 3X7 WD     | LOCKSET  |
| HALLWAY            | VP    | PGB     | 8'     | PGB   | VINYL | 3X7 HM     | LOCKSET  |

**LEGEND**  
 PGB PAINTED GYPSUM BOARD  
 VP VINYL PLANK FLOORING  
 ACT ACOUSTICAL TILE SYSTEM  
 HM HOLLOW METAL  
 WD WOOD  
 PR PAIR  
 SC SEALED CONCRETE  
 TC TINTED CONCRETE

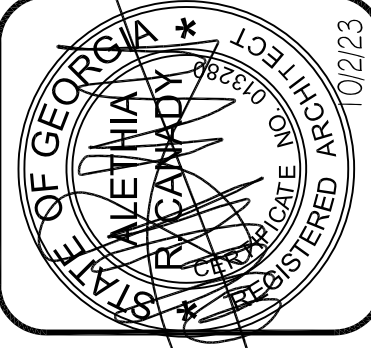
RESTROOMS TO HAVE WATERPROOF WAJNSCOT MATERIAL TO 4" AFF ALL WALLS  
 ALL DOORS HAVE A HOLLOW METAL FRAME.  
 ALL FINISH MATERIAL IS TO BE SELECTED FROM THE MANUFACTURERS STANDARD PRODUCT LINES. COLORS AND FINISHES ARE TO BE SELECTED WITH OWNER PRIOR TO PROCURING MATERIAL







**BUILDING ADDITION**  
REGISTER FIRE STATION  
BULOCH COUNTY FIRE

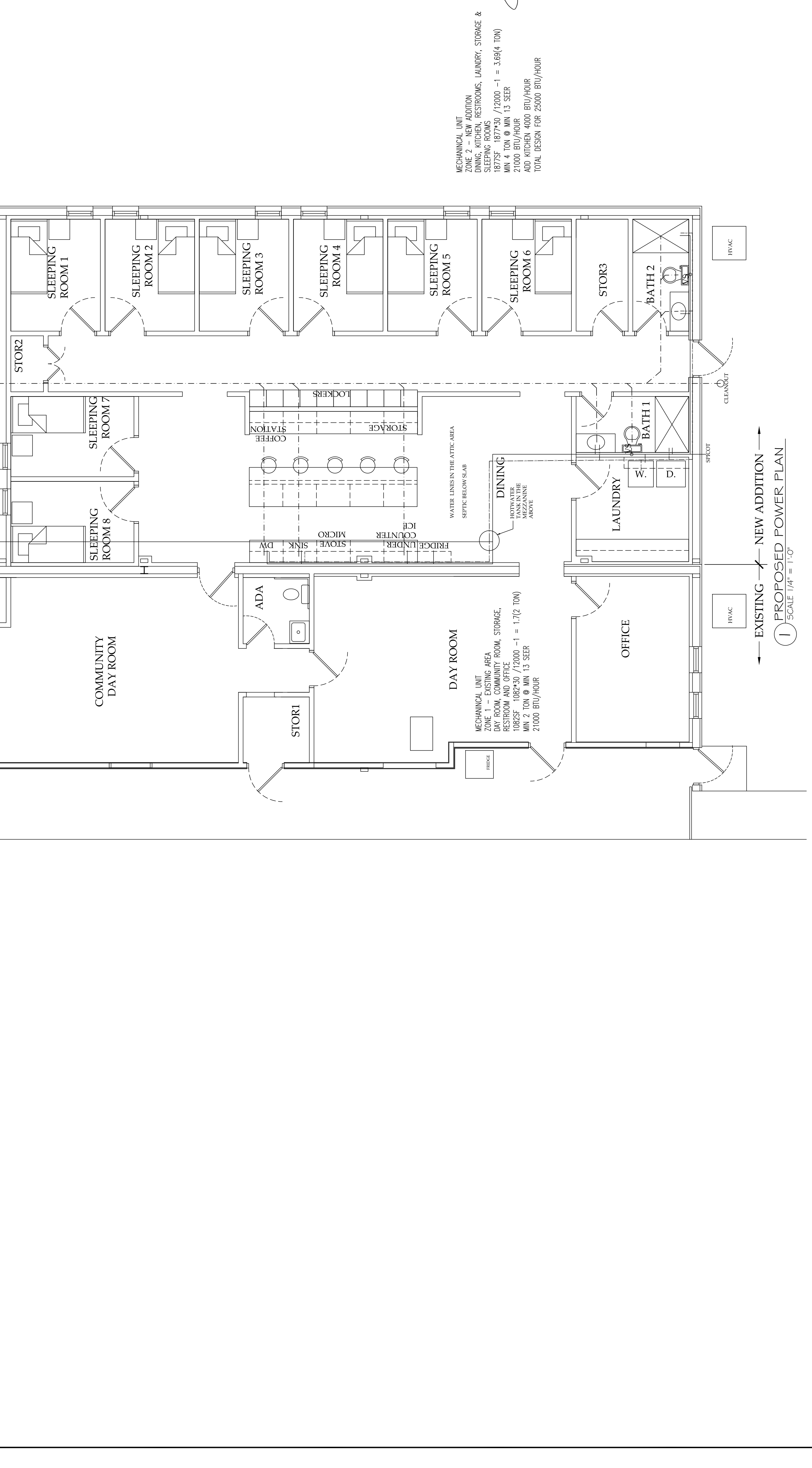
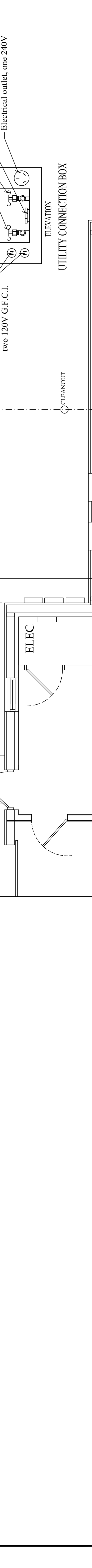


|              |            |
|--------------|------------|
| DATE:        | 03.05.2023 |
| PROJECT NO.: | 097277023  |
| DRAWN BY:    | RF         |
| CHECKED BY:  | RF         |
| DATE:        | 03.04.2023 |
| PROJECT:     |            |

**Contract notice**  
It is the owner's responsibility to agree a contract, and consult if necessary with the appropriate engineers as needed for the project at the owner's expense.  
ARCTEC Design will not be liable if all criteria of the contract agreement are not met.

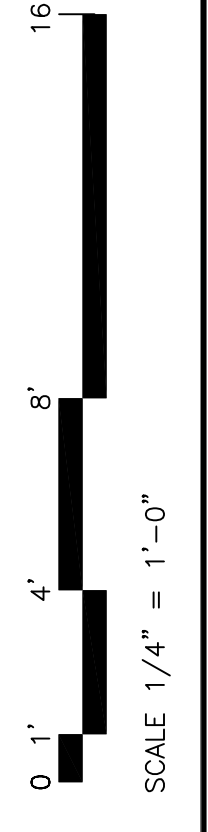
**Copyright notice**  
This drawing is the property of ARCTEC Design and may not be reproduced or copied without written permission.  
Drawings and prints are designed for one project only and may not be used for another project in part or in whole.

TO WATER MAIN AND METER AT FRONT OF STATION  
EXISTING  
NEW ADDITION  
ELEC  
COMMUNITY DAY ROOM  
STOR1  
DAY ROOM  
MECHANICAL UNIT  
ZONE 1 - EXISTING AREA  
DAY ROOM, COMMUNITY ROOM, STORAGE, RESTROOM AND OFFICE  
10825F 1082\*30 /12000 -1 = 1.7(2 TON)  
MIN 2 TON @ MIN 13 SEER  
21000 BTU/HOUR



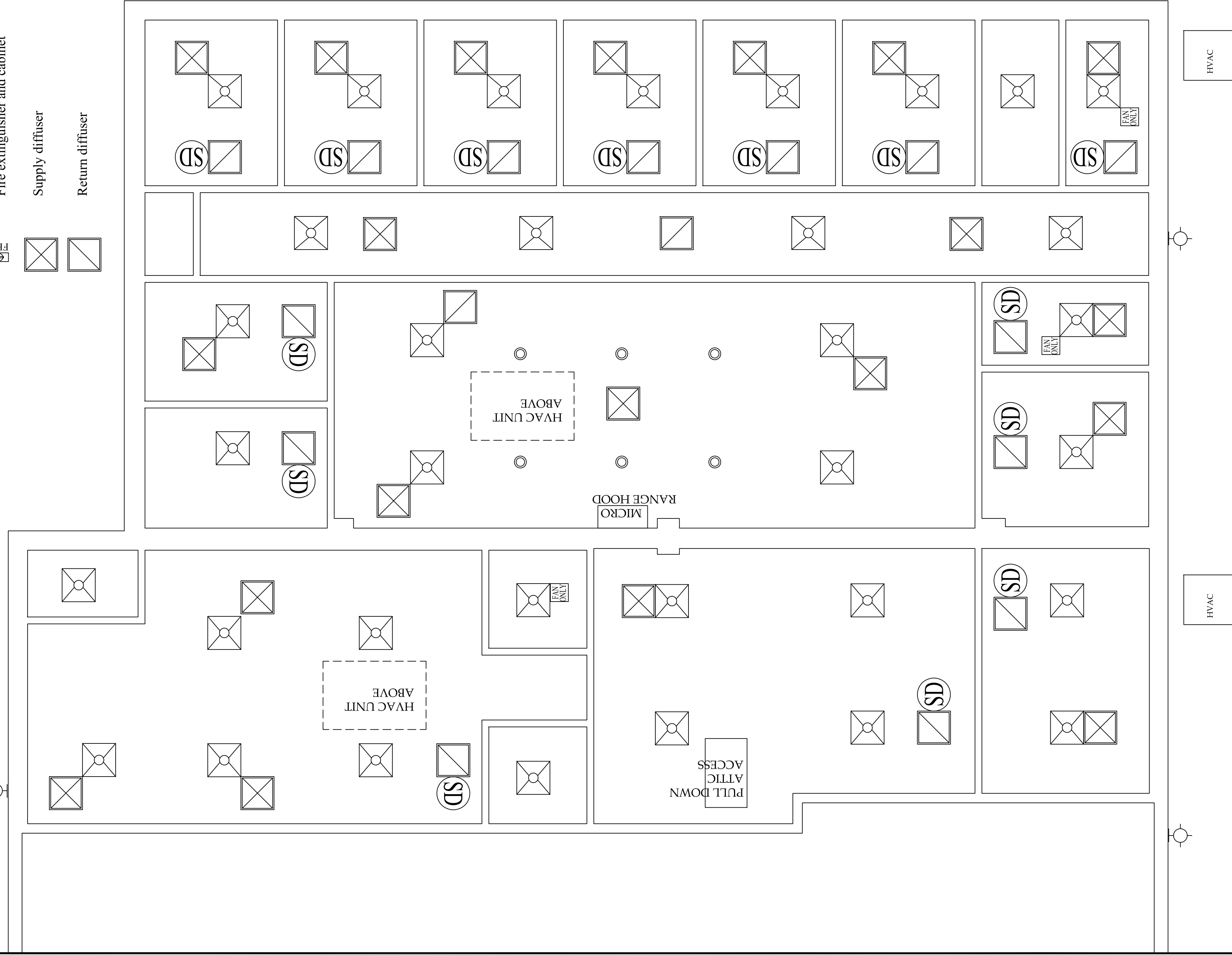
**MECHANICAL UNIT**  
ZONE 2 - NEW ADDITION  
DINING, KITCHEN, RESTROOMS, LAUNDRY, STORAGE & SLEEPING ROOMS  
18775F 1877\*30 /12000 -1 = 3.09(4 TON)  
MIN 4 TON @ MIN 13 SEER  
21000 BTU/HOUR  
ADD. KITCHEN 4000 BTU/HOUR  
TOTAL DESIGN FOR 25000 BTU/HOUR

EXISTING  
NEW ADDITION  
PROPOSED POWER PLAN  
SCALE 1/4" = 1'-0"

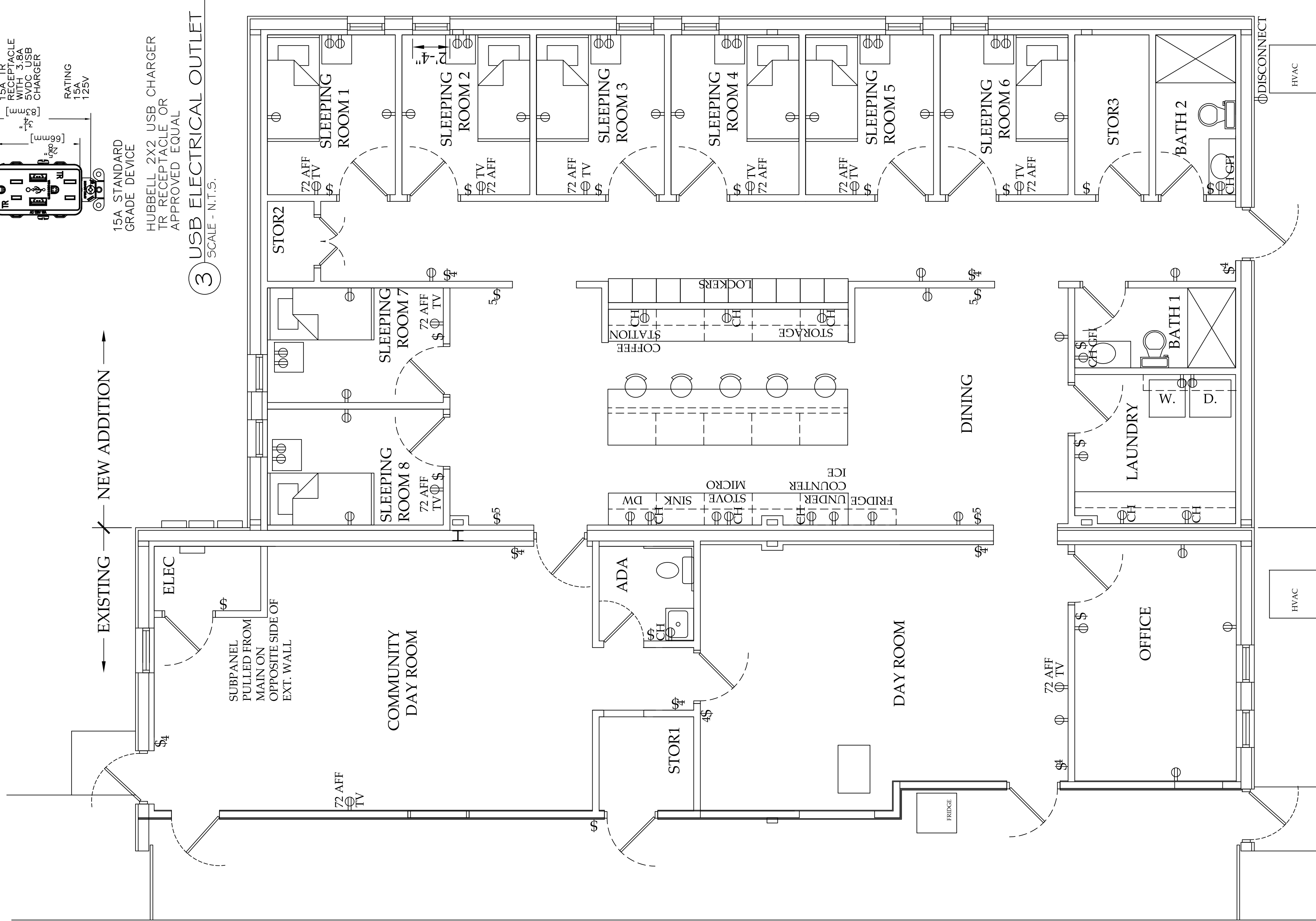


**REFLECTED CEILING PLAN LEGEND**

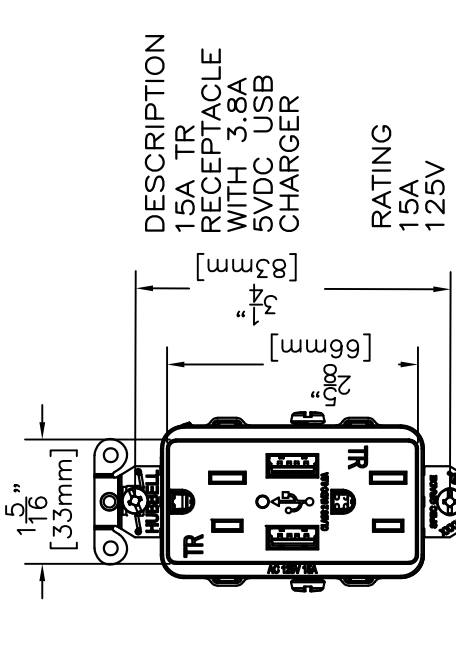
- Wall mounted light fixture on photo sensors switches
- Exit light fixture with battery back-up - test button included
- Recessed ceiling mounted exhaust fan
- LED Light Fixture - Surface mount slim line.
- Suspended ceiling mounted fluorescent light fixture
- Ceiling mounted exit light fixture with battery back-up
- Smoke detector
- Occupancy sensor
- Emergency lighting wall mounted with battery back-up
- Fire extinguisher and cabinet
- Supply diffuser
- Return diffuser



**2** PROPOSED LIGHTING PLAN  
SCALE 1/4" = 1'-0"



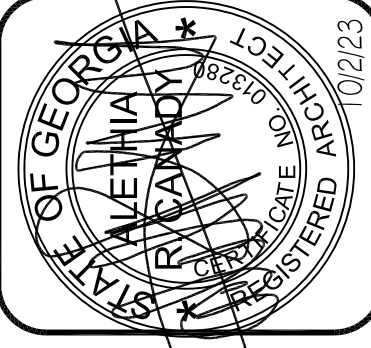
**1** PROPOSED POWER PLAN  
SCALE 1/4" = 1'-0"



- DESCRIPTION  
15A TR RECEPTACLE WITH 2 USB PORTS
- RATING  
15A  
125V
- 15A STANDARD GRADE DEVICE
- HUBBELL 2X2 USB CHARGER TR RECEPTACLE OR APPROVED EQUAL

**3** USB ELECTRICAL OUTLET  
SCALE - N.T.S.

**BUILDING ADDITION  
REGISTER FIRE STATION  
BULLOCH COUNTY FIRE**



|              |             |
|--------------|-------------|
| DATE:        | 28 DEC 2023 |
| PROJECT NO.: | 09/22/2023  |
| DRAWN BY:    | RFK         |
| CHECKED BY:  | RFK         |
| DATE:        | 09/24/2023  |
| REVISIONS:   |             |

**Contract notice**  
It is the owner's responsibility to acquire a contractor and provide the necessary permits and obtain the electrical, mechanical and plumbing engineers as needed for the project at the owner's expense.

**Copyright notice**  
This drawing is the property of ARCTEC Design and may not be reproduced or copied without written permission.

Drawings and prints are designed for one project only and may not be used for another project in part or in whole.