

Clarendon County Fire Rescue

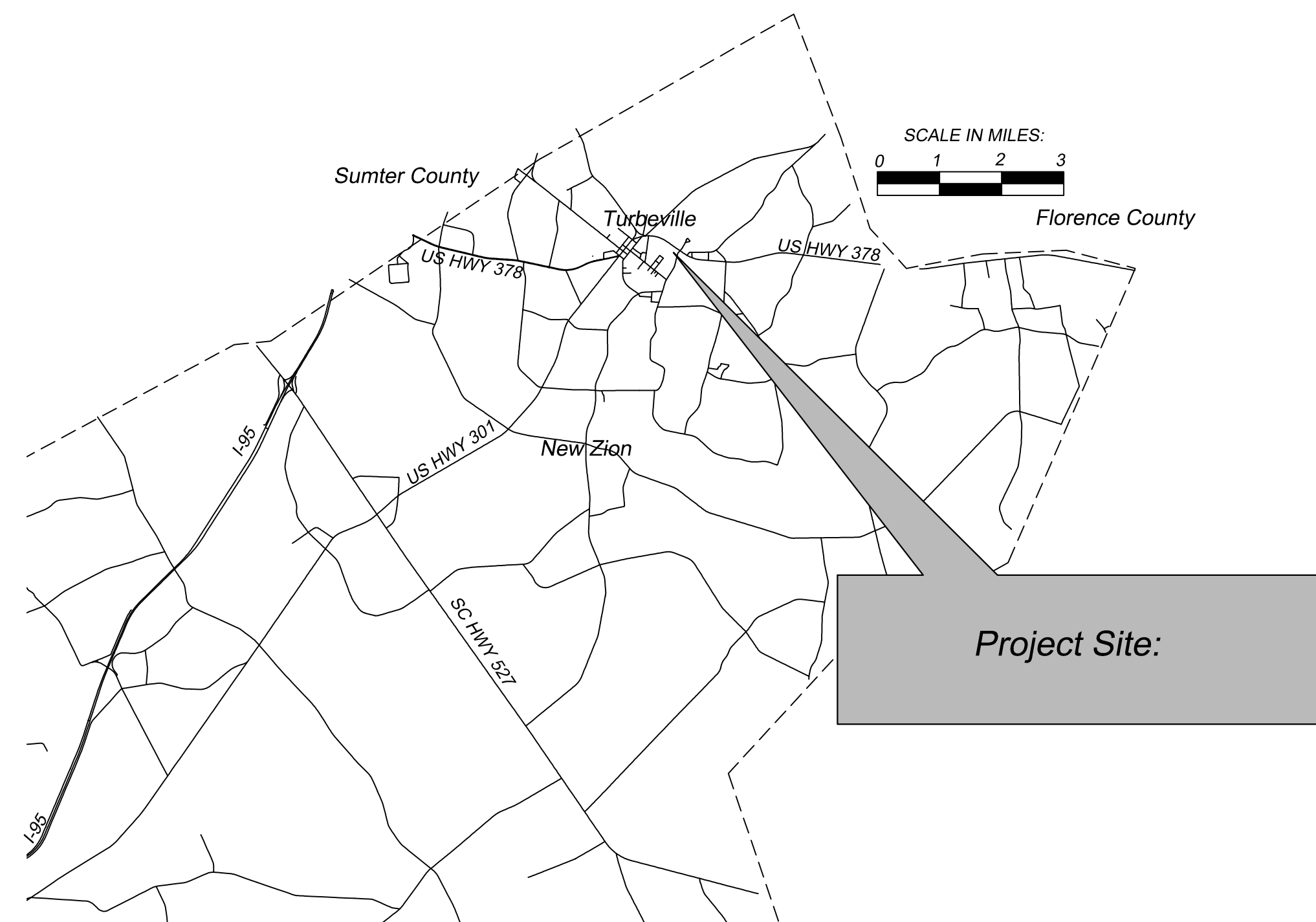
NEW STATION 2 DESIGN-BUILD CONCEPT PLANS

**US HWY 378 - TURBEVILLE
CLARENDON COUNTY
SOUTH CAROLINA**

Clarendon County Engineering

411 SUNSET DR. - MANNING, S.C. 29102
(803) 433-3256 FAX: (803) 435-2208

APRIL 10, 2023



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D

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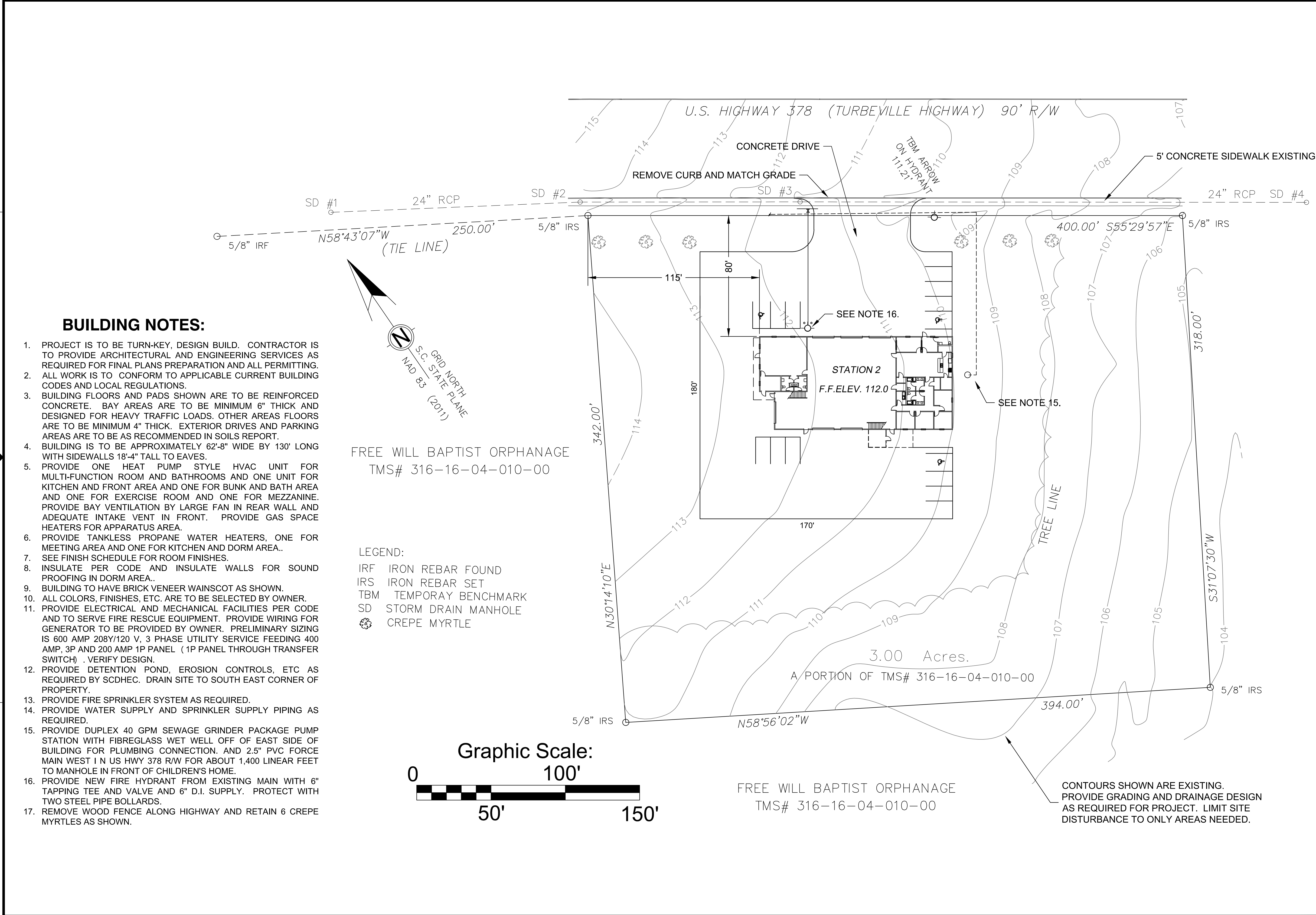
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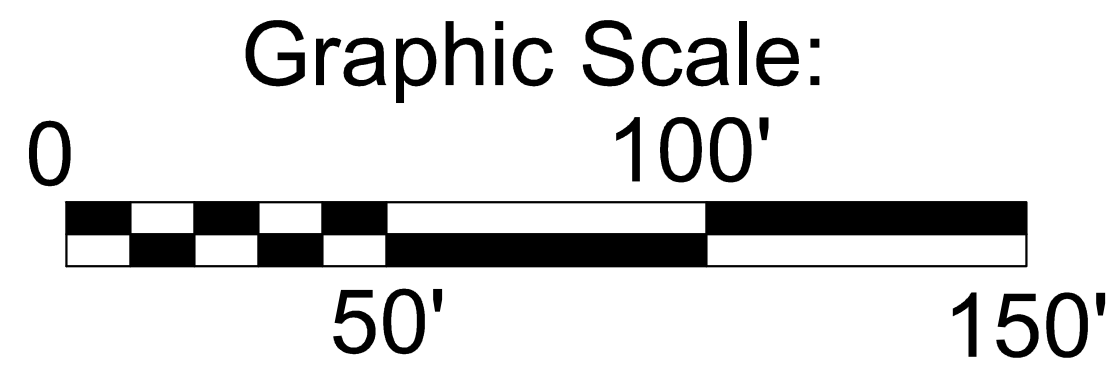


BUILDING NOTES:

- PROJECT IS TO BE TURN-KEY, DESIGN BUILD. CONTRACTOR IS TO PROVIDE ARCHITECTURAL AND ENGINEERING SERVICES AS REQUIRED FOR FINAL PLANS PREPARATION AND ALL PERMITTING.
- ALL WORK IS TO CONFORM TO APPLICABLE CURRENT BUILDING CODES AND LOCAL REGULATIONS.
- BUILDING FLOORS AND PADS SHOWN ARE TO BE REINFORCED CONCRETE. BAY AREAS ARE TO BE MINIMUM 6" THICK AND DESIGNED FOR HEAVY TRAFFIC LOADS. OTHER AREAS FLOORS ARE TO BE MINIMUM 4" THICK. EXTERIOR DRIVES AND PARKING AREAS ARE TO BE AS RECOMMENDED IN SOILS REPORT.
- BUILDING IS TO BE APPROXIMATELY 62'-8" WIDE BY 130' LONG WITH SIDEWALLS 18'-4" TALL TO EAVES.
- PROVIDE ONE HEAT PUMP STYLE HVAC UNIT FOR MULTI-FUNCTION ROOM AND BATHROOMS AND ONE UNIT FOR KITCHEN AND FRONT AREA AND ONE FOR BUNK AND BATH AREA AND ONE FOR EXERCISE ROOM AND ONE FOR MEZZANINE. PROVIDE BAY VENTILATION BY LARGE FAN IN REAR WALL AND ADEQUATE INTAKE VENT IN FRONT. PROVIDE GAS SPACE HEATERS FOR APPARATUS AREA.
- PROVIDE TANKLESS PROPANE WATER HEATERS, ONE FOR MEETING AREA AND ONE FOR KITCHEN AND DORM AREA..
- SEE FINISH SCHEDULE FOR ROOM FINISHES.
- INSULATE PER CODE AND INSULATE WALLS FOR SOUND PROOFING IN DORM AREA..
- BUILDING TO HAVE BRICK VENEER WAINSCOT AS SHOWN.
- ALL COLORS, FINISHES, ETC. ARE TO BE SELECTED BY OWNER.
- PROVIDE ELECTRICAL AND MECHANICAL FACILITIES PER CODE AND TO SERVE FIRE RESCUE EQUIPMENT. PROVIDE WIRING FOR GENERATOR TO BE PROVIDED BY OWNER. PRELIMINARY SIZING IS 600 AMP 208Y/120 V, 3 PHASE UTILITY SERVICE FEEDING 400 AMP, 3P AND 200 AMP 1P PANEL (1P PANEL THROUGH TRANSFER SWITCH) . VERIFY DESIGN.
- PROVIDE DETENTION POND, EROSION CONTROLS, ETC AS REQUIRED BY SCDHEC. DRAIN SITE TO SOUTH EAST CORNER OF PROPERTY.
- PROVIDE FIRE SPRINKLER SYSTEM AS REQUIRED.
- PROVIDE WATER SUPPLY AND SPRINKLER SUPPLY PIPING AS REQUIRED.
- PROVIDE DUPLEX 40 GPM SEWAGE GRINDER PACKAGE PUMP STATION WITH FIBREGLASS WET WELL OFF OF EAST SIDE OF BUILDING FOR PLUMBING CONNECTION. AND 2.5" PVC FORCE MAIN WEST I N US HWY 378 R/W FOR ABOUT 1,400 LINEAR FEET TO MANHOLE IN FRONT OF CHILDREN'S HOME.
- PROVIDE NEW FIRE HYDRANT FROM EXISTING MAIN WITH 6" TAPPING TEE AND VALVE AND 6" D.I. SUPPLY. PROTECT WITH TWO STEEL PIPE BOLLARDS.
- REMOVE WOOD FENCE ALONG HIGHWAY AND RETAIN 6 CREPE MYRTLES AS SHOWN.

FREE WILL BAPTIST ORPHANAGE
TMS# 316-16-04-010-00

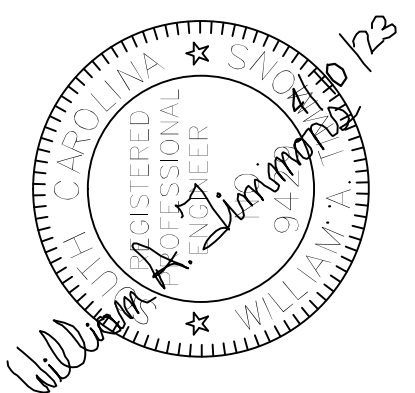
- LEGEND:
- IRF IRON REBAR FOUND
 - IRS IRON REBAR SET
 - TBM TEMPORAY BENCHMARK
 - SD STORM DRAIN MANHOLE
 - ☼ CREPE MYRTLE



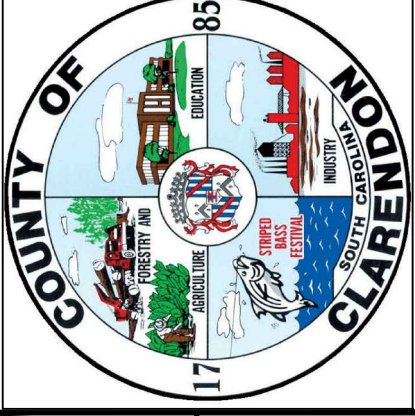
FREE WILL BAPTIST ORPHANAGE
TMS# 316-16-04-010-00

CONTOURS SHOWN ARE EXISTING.
PROVIDE GRADING AND DRAINAGE DESIGN
AS REQUIRED FOR PROJECT. LIMIT SITE
DISTURBANCE TO ONLY AREAS NEEDED.

SITE PLAN



| REVISIONS | DATE | APPROVED |
|-------------|------|----------|
| DESCRIPTION | | |
| ZONE | REV | |



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Clarendon County Fire Rescue
TURBEVILLE STATION 2

| | | | | | |
|--------|------|-----------|----------|----------|------------|
| DESIGN | DATE | 4/10/2023 | APPROVED | DWG. NO. | ENG391-100 |
| DRAWN | | | | | |
| SCALE | | | | | |
| SHEET | | | | | 1 OF 1 |

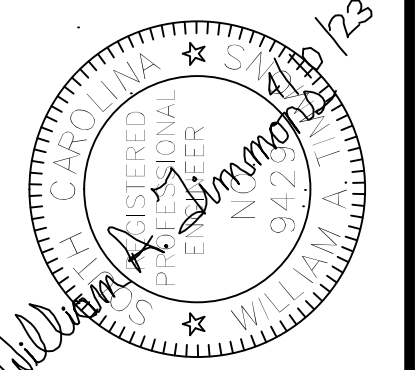
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FIRST FLOOR AREA = 7,350 SQUARE FEET

PLAN VIEW

**BUILDING
FIRST FLOOR PLAN**

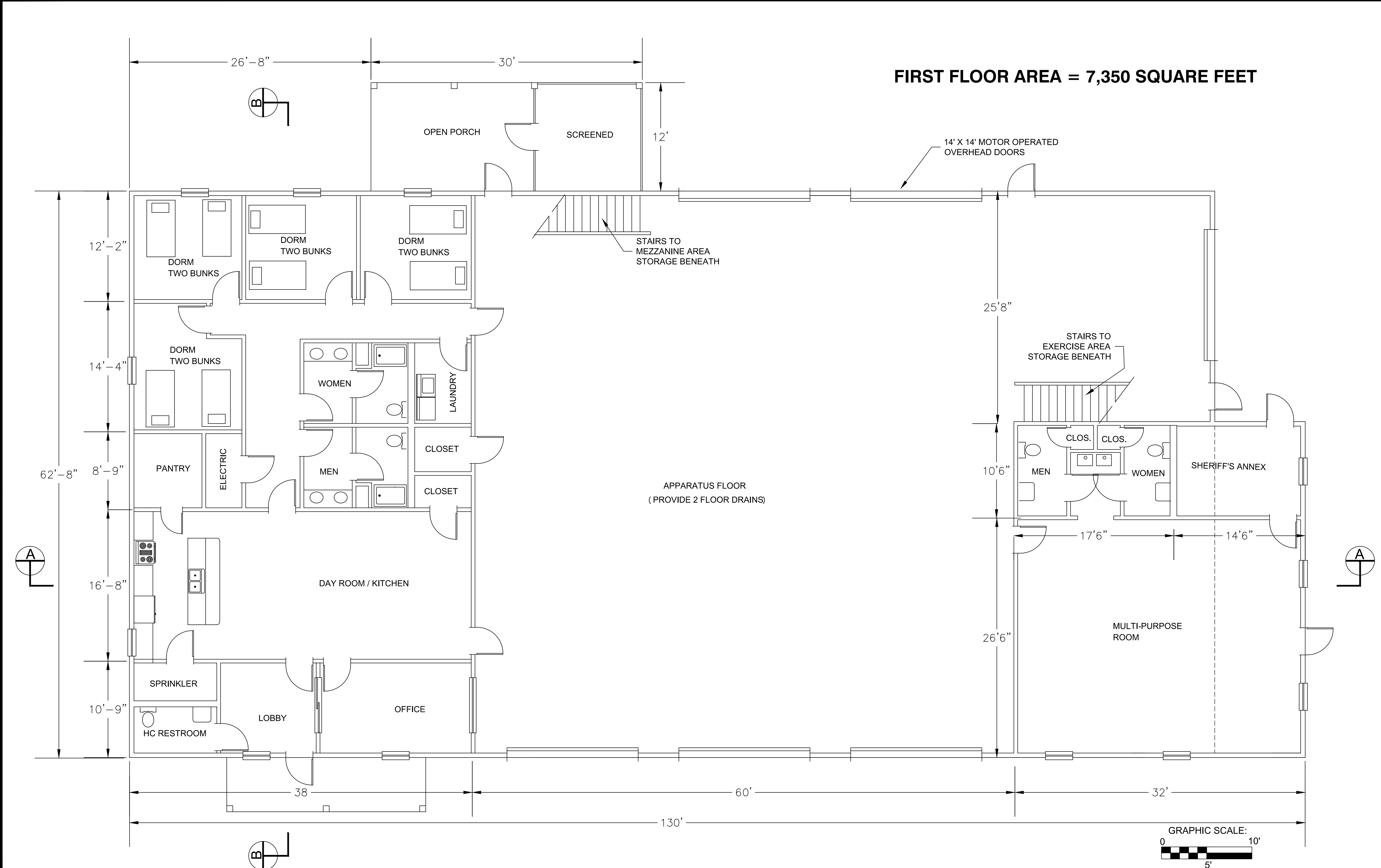
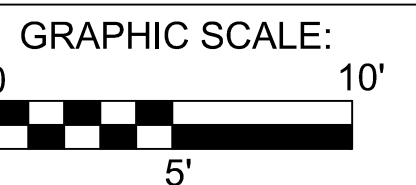
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| AS SHOWN | 4/10/2023 | | ENG391-100 | |
| SCALE | | | SHEET | OF |
| | | | 2 | |

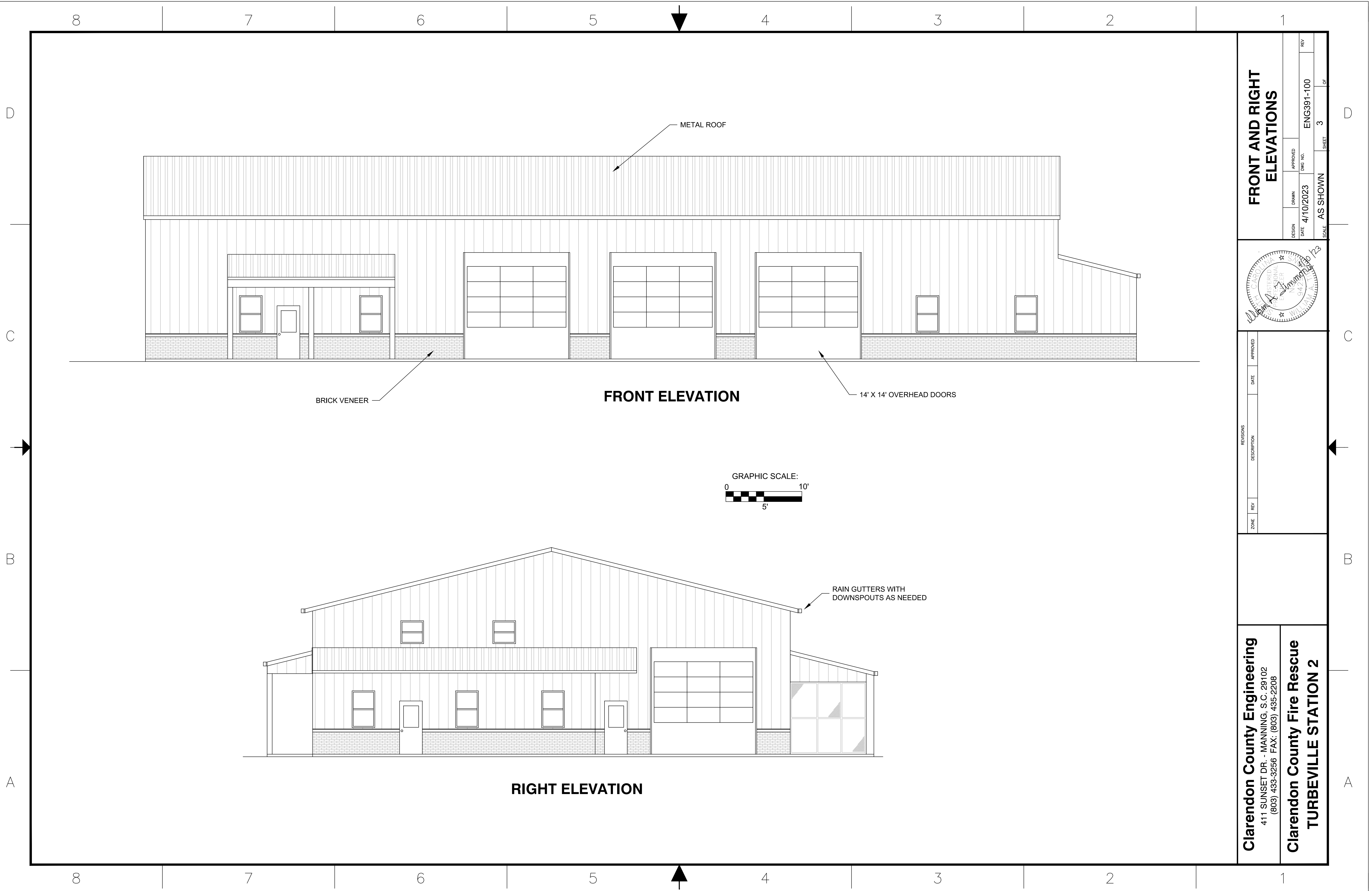


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| ZONE | | |

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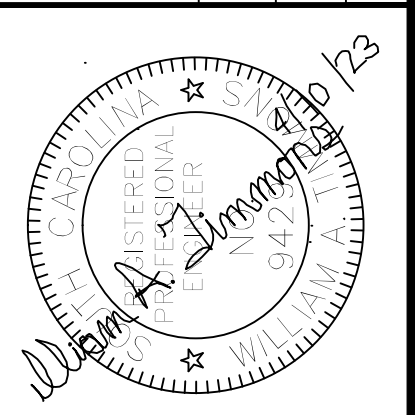
FRONT ELEVATION

RIGHT ELEVATION



FRONT AND RIGHT ELEVATIONS

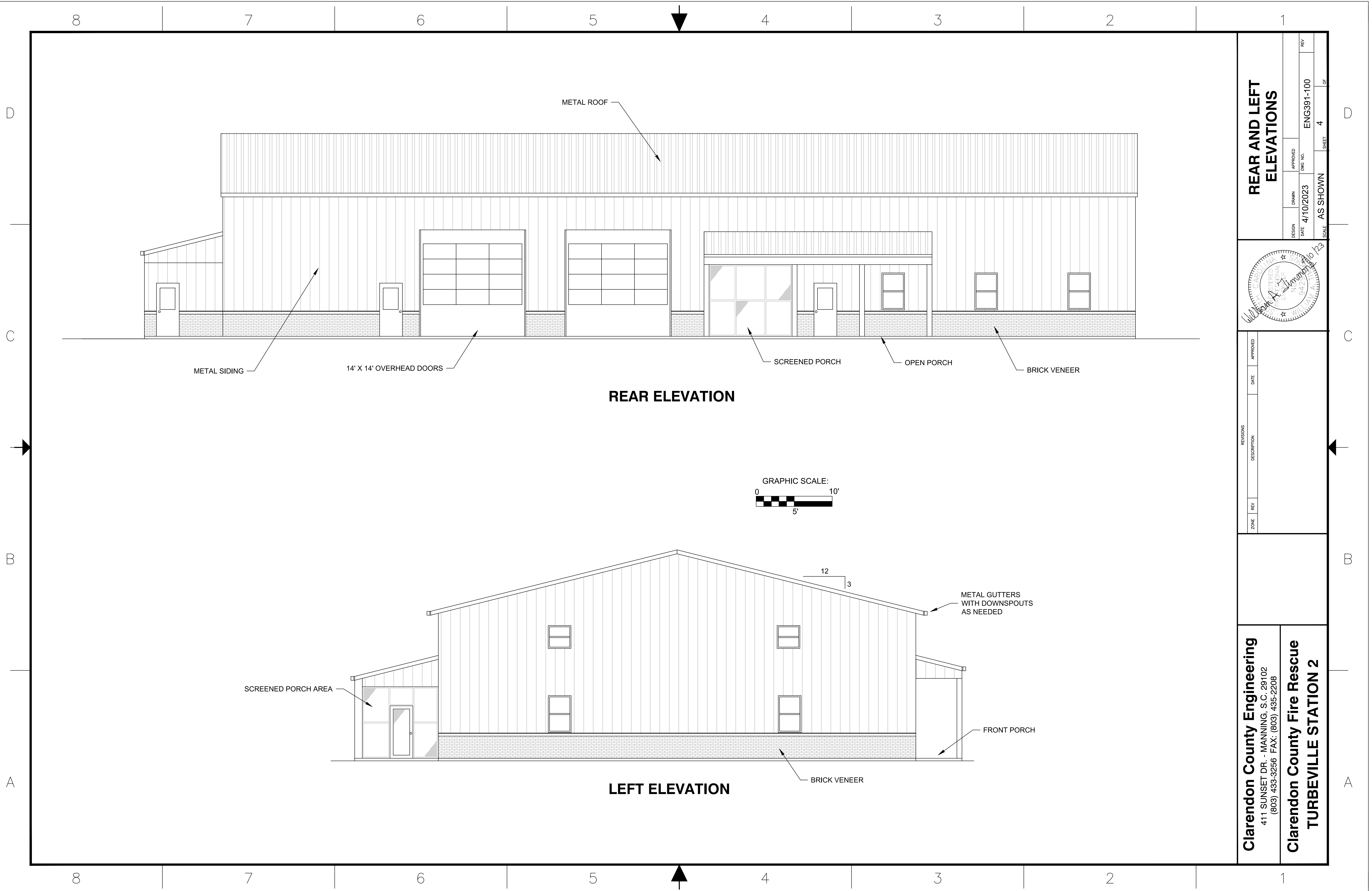
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| DATE | 4/10/2023 | AS SHOWN | ENG391-100 | |
| SCALE | | | SHEET | OF |
| | | | 3 | 6 |



| REV | DESCRIPTION | DATE | APPROVED |
|-----|-------------|------|----------|
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| | | | |

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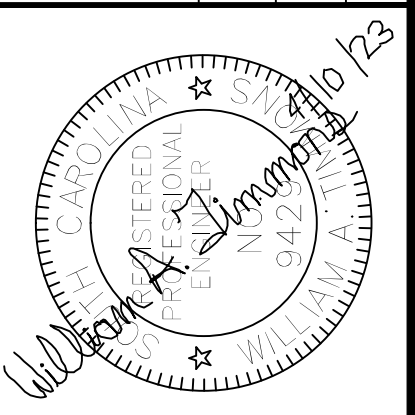
REAR ELEVATION

LEFT ELEVATION



REAR AND LEFT ELEVATIONS

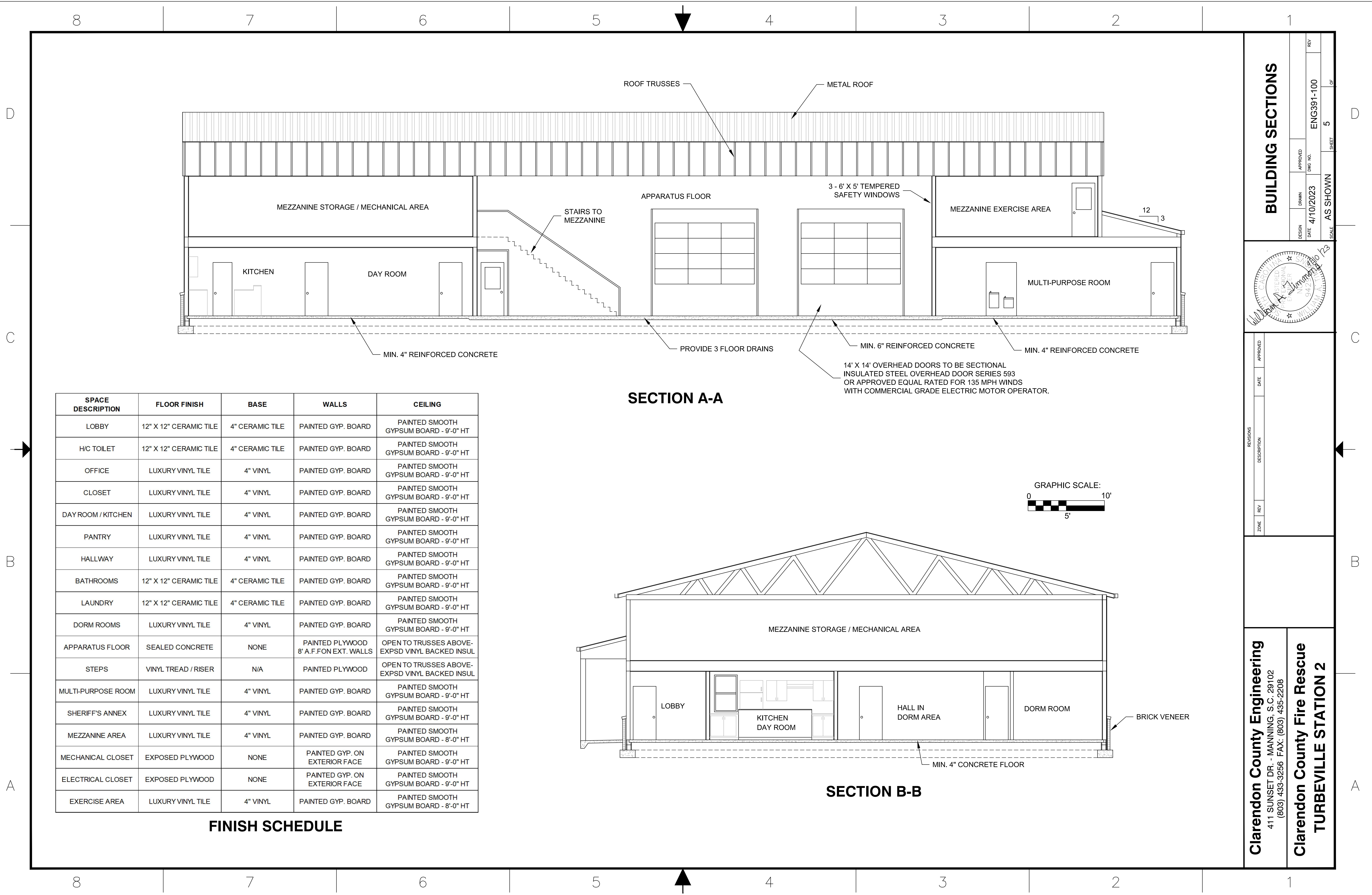
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| DATE | 4/10/2023 | | ENG391-100 | |
| SCALE | | | AS SHOWN | SHEET 4 OF |



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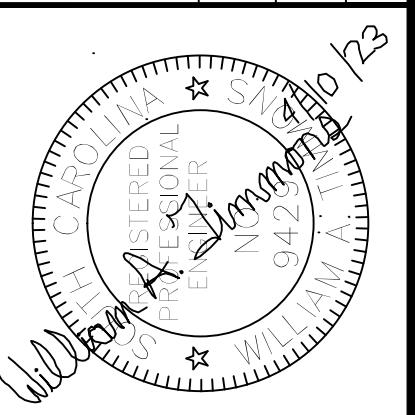
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BUILDING SECTIONS

| | | | |
|----------|-----------|------------|--------|
| DESIGN | DATE | DWG NO. | REV |
| AS SHOWN | 4/10/2023 | ENG391-100 | |
| SCALE | | | SHEET |
| | | | 5 OF 6 |



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| REVISIONS | DATE | APPROVED |
| DESCRIPTION | | |
| ZONE | REV | |

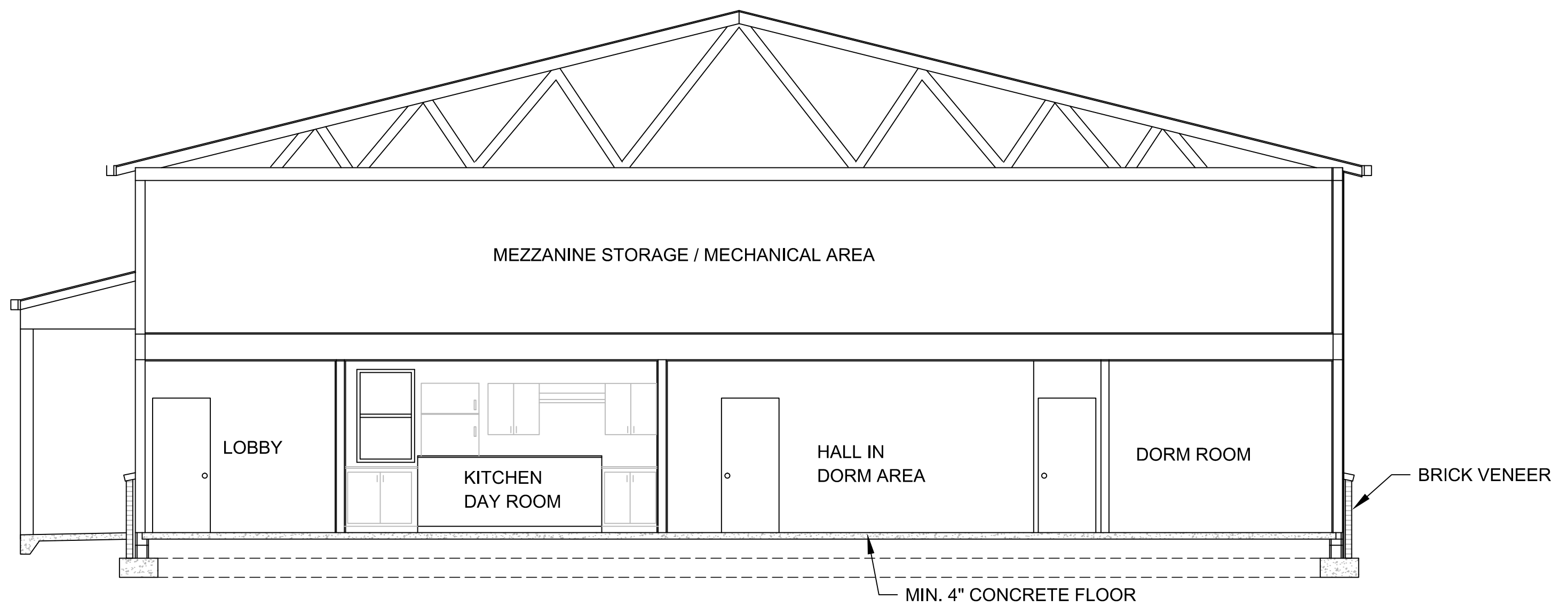
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| SPACE DESCRIPTION | FLOOR FINISH | BASE | WALLS | CEILING |
|--------------------|------------------------|-----------------|---------------------------------------|--|
| LOBBY | 12" X 12" CERAMIC TILE | 4" CERAMIC TILE | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| H/C TOILET | 12" X 12" CERAMIC TILE | 4" CERAMIC TILE | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| OFFICE | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| CLOSET | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| DAY ROOM / KITCHEN | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| PANTRY | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| HALLWAY | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| BATHROOMS | 12" X 12" CERAMIC TILE | 4" CERAMIC TILE | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| LAUNDRY | 12" X 12" CERAMIC TILE | 4" CERAMIC TILE | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| DORM ROOMS | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| APPARATUS FLOOR | SEALED CONCRETE | NONE | PAINTED PLYWOOD 8' A.F.FON EXT. WALLS | OPEN TO TRUSSES ABOVE-EXPSD VINYL BACKED INSUL |
| STEPS | VINYL TREAD / RISER | N/A | PAINTED PLYWOOD | OPEN TO TRUSSES ABOVE-EXPSD VINYL BACKED INSUL |
| MULTI-PURPOSE ROOM | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| SHERIFF'S ANNEX | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| MEZZANINE AREA | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 8'-0" HT |
| MECHANICAL CLOSET | EXPOSED PLYWOOD | NONE | PAINTED GYP. ON EXTERIOR FACE | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| ELECTRICAL CLOSET | EXPOSED PLYWOOD | NONE | PAINTED GYP. ON EXTERIOR FACE | PAINTED SMOOTH GYPSUM BOARD - 9'-0" HT |
| EXERCISE AREA | LUXURY VINYL TILE | 4" VINYL | PAINTED GYP. BOARD | PAINTED SMOOTH GYPSUM BOARD - 8'-0" HT |

FINISH SCHEDULE

SECTION A-A



SECTION B-B

