

ADDENDUM #04

Project Name: Central County Fire & Rescue House #06

Project Number: 24057

Date: July 20, 2026

PLEASE NOTE

The following clarifications, deletions, additions, and supplemental instructions have been incorporated into the Project Manual, Construction Drawings and represent a portion of said Construction Documents.

*In the event of a conflict between this Addendum, Project Manual and/or Construction Drawings, **this Addendum shall supersede** all previous instructions, pertaining to said items.*

CLARIFICATIONS and REQUESTS FOR INFORMATION

1. Will the bid date be pushed?
 - a. **Response: The bid date will not be pushed. Bids are still due by 3pm on the 22nd of July at 1220 Cave Springs Blvd, Saint Peters Missouri 63376.**
2. Can remediation and engineered fill be considered in leu of ground improvement and Ag piers?
 - a. **Please see attached letter from the geotechnical engineer that is an addition to the end of spec section 00 31 00.03 geotechnical report, outlining the requirements for remediation and engineered fill in leu of ground improvement. The 12" of remediation under paved areas per the geotechnical report is still a requirement.**
3. As part of Addendum 03 that was sent out on 7/15/26 lines were removed from the 01 21 00 Allowances spec and section 1.5 – unit prices paragraph was removed from the 31 46 80 ground improvements spec. what is the intended purpose of removing these spec provisions.
 - a. **Response: The purpose of removing these sections in the specifications is to ensure that the bids include in their price the ground improvement work required for the project.**
4. Please provide a complete Owner Furnished / Owner Installed schedule for the project so that we may better coordinate scope.
 - a. **Response: Schedule Updated on Sheet A701 as part of Addendum 02.**

5. Insurance limits between the A101 Exhibit A and the Supplementary Conditions are somewhat different.
 - a. **Response: Please provide specific condition of differences. For bidding process please provide the more stringent requirements.**
6. Are the general contractor or the subcontractors required to provide OCPL coverage.
 - a. **Response: NO**
7. Type of fence/railing being installed at top of retaining wall? 48" Chain link or ornamental?
 - a. **Response: Ameristar Echelon II or Approved Equal**
8. Does entire retaining wall get fence/railing?
 - a. **Response: Yes, the entire length of the retaining wall should receive fence.**
9. Total footage?
 - a. **Response: Approximately 356'-0"**
10. Existing school sign is on a separate Ameren meter service for sign. Once relocated will the sign still be on a separate Ameren meter?
 - a. **Response: Yes, the relocated sign will retain the separate service and meter.**
11. If the sign is going to be on a separate Ameren meter in its new location, are we reuse the current meter?
 - a. **Response: Yes, the existing Ameren meter will be relocated with the sign to the new location.**
12. Who is responsible for the primary conduit and conductors to the sign's new location?
 - a. **Response: The bid cost will include the cost to provide the modifications to the sign service feeder as shown on Drawing E101, Keyed Note 9. The location of the connection to the Ameren service will be coordinated with Ameren post-bid and revised accordingly.**
13. If the primary conductors are the responsibility of the electrical contractor what is the amperage is the sign? Or what size conduit and conductors are needed to power the sign in its new location?
 - a. **Response: The size of the conduit and conductors for the relocated sign are unknown. The bid cost will be based upon a 40A, 120/240 volt, single phase circuit extended as shown to the new location. The specific requirements will be coordinated with Ameren post-bid and revised accordingly.**
14. Will the Owner/Architect directly manage the construction of this project, or will a third-party Construction Manager be used? Please clarify.
 - a. **Response: A 3rd party construction manager has not been discussed. The architect will perform typical construction administration duties as agreed upon between the owner and architect.**

15. Unit Prices are requested for various earthwork items. Are there base bid quantities for any of these items or will they all be in addition to the base bid? Please clarify how Unit Prices will be used.
- a. **Response: Unit Prices are a pricing mechanism to adjust the contract up or down depending on the actual work needed. This is also clarified in Article 9.1.2 of the A201-2017. In addition to this please see addenda 3 for modifications to the allowances spec regarding sections removed and the ground improvements spec for the removal of unit prices per pier.**
16. Where and to what extent will there be laydown & parking spaces available for the Contractor's use? Please clarify.
- a. **Response: Logistics plan will need to be determined by the winning contractor with owner input.**
17. Specifications call for 8' high chain link fencing around the entire existing facility. Please clarify the intent of where fencing is required.
- a. **Response: 8' fence is for site security. Fencing is to surround the active construction area, at that specific phase of the project.**
18. When will the concrete entrance apron work and sidewalk improvements, noted to be "by CCFPD" take place?
- a. **Response: Date TBD, contractor to coordinate with city improvements plan**
19. Addendum #01 states that a complete list of Owner Furnished / Owner Installed items will be provided, with additional content to follow. Please provide the complete OFOI list and identify all electrical, low-voltage, controls, security, access control, AV/monitor, station alerting, and specialty system responsibilities associated with those items. For each applicable OFOI item, please identify whether the electrical contractor is responsible for power, pathways, boxes, cabling, device installation, terminations, programming support, testing, commissioning support, or final connections.
- a. **Response: Low voltage system Owner furnished systems: Data Network (Feathershark), Electronic Access Control (Feathershark), LiveDash TVs (Feathershark), Fire Station Alerting (Honeywell G2), TV monitors - Bunk Rooms and Day Room (Owner). Refer to the construction documents, including drawings and specifications for designation of scope for Division 26, 27 and 28 work.**
20. Addendum #01 revised Sheet E001 to add Electric Door Hardware to the Security Devices Legend and revised Sheet E401 to reflect the use of electric door hardware. Please clarify the complete furnish/install responsibility for electric door hardware and associated electrical/low-voltage scope. Clarification requested includes responsibility for power supplies, 120V power circuits, raceways, door boxes, cabling, power transfers, wire harnesses, terminations, access control interfaces, fire alarm release interfaces, programming, testing, and coordination with the door hardware supplier.
- a. **Response: Refer to the Door Hardware specification 087101 "Door Hardware Groups" for specific door hardware. The electric power transfer and Electric Harness are provided as part of the Division 08 scope of work. Refer to Drawing E001 "Station 6 Door Access Notes", Drawing E401 "Low Voltage**

Scope of Work Responsibilities Matrix - Section "Door Access and Gates", Specification Section 280513 "Conductors and Cables for Electronic Safety and Security and Specification Section 280528 "Pathways for Electronic Safety and Security" for specific scope of work.

- b. The access control vendor (Feathershark) has confirm that the scope of work for this project does not include the provision of door power supplies, 120V circuits for remote door power supplies, etc. Wiring is home run to the IT room and terminated on the controller. The scope of this work includes providing recessed electrical junction boxes and conduit stub outs to above ceiling or to accessible location at all card reader location per specification section 280513 Part 3.2, providing the access control door cable as indicated on the Drawings, and installing the card readers, access hubs, vendor provided exterior keypad reader junction boxes per drawings.**

21. Sheets E402 and E403 identify Feathershark details, and E401 references specialty low-voltage / station alerting items. Please clarify the complete scope responsibility for the Feathersharek / station alerting system. Clarification requested includes who furnishes equipment, who installs equipment, required power outlets or circuits, data pathways, speaker wiring, monitor rough-in, rack/cabinet/UPS requirements, terminations, programming, commissioning, and any owner/vendor-provided components.

- a. Response: The following will be added to the Low Voltage Scope of Work Responsibility Matrix on Sheet E401 as part of Addendum 4:**

Station Monitoring System - Refer to Sheet E403

Hardware	Provided By	Installed By
G2 System Components	Honeywell (Owner Furnished)	Certified
Installer		
16/4 Plenum Rated Audio Cable	Division 27 Contractor	Division 27
Contractor		
CAT 6E Plenum Rated POE Cable	Division 27 Contractor	Division 27
Contractor		
Electrical Backboxes and Conduit	Division 27 Contractor	Division 27
Contractor		
Cable terminations and testing shall be by Certified Installer.		

22. The fire alarm system appears to interface with multiple systems, including electric door hardware/egress release, door holders, HVAC shutdown or fire-alarm mode, smoke dampers where applicable, sprinkler waterflow/tamper/supervisory points, generator/ATS monitoring, and possible specialty station alerting systems. Please provide or confirm the required fire alarm interface matrix, including each point/device, controlling trade, wiring/pathway responsibility, relay module requirements, and testing responsibility.

- a. Response: The fire alarm system is a delegated design, as indicated in specification section 283111, Part 1.2 B. Sheet E401 includes a matrix that provides various functionality that is part of this project for use by the registered engineer performing the fire alarm design. The fire alarm system**

design shall meet the functional requirements and all applicable codes and standards.

23. Specification Section 26 41 13 identifies a lightning protection system for the project. Please confirm whether the lightning protection system is included in the electrical contractor scope. If included, please clarify whether the system is delegated design by the electrical contractor/vendor and provide the required basis of design, layout requirements, UL Master Label requirements, roof equipment bonding requirements, grounding electrode requirements, and coordination requirements with roofing and mechanical equipment.
- a. **Response: Please refer to specification section 264113 for the requirements for the lightning protection delegated design. This states in Part 1.2 B that the complete design is to be provided as part of the project scope for a UL Master Label. References to the lightning protection system requirements are also found on Sheet E204. This scope of work is found in the Division 26 contract documents and therefore is part of the Division 26 work.**
24. The project specifications include NewBorn Safety Devices, and electrical/low-voltage documentation appears to require alarm cabling/monitoring coordination. Please clarify the complete electrical and low-voltage requirements for the NewBorn Safety Device / Baby Box. Clarification requested includes required power, raceways, boxes, pathway type, alarm cabling, device interface, monitoring point, connection to fire alarm/security/IT systems if applicable, furnished-by/installed-by responsibility, programming, and testing.
- a. **Response: The scope of work for power for the baby box is found on Sheet E201 Keyed 37 which indicates that a receptacle is required to power the baby box, and the Division 26 contractor is to coordinate the exact location prior to installation. The scope of work for the Division 27 work is found on Sheet E401 Keyed Note 15 which indicates an 18/4 shielded plenum cable is to be routed from the baby box alarm to the IT room. Termination of the cable will be by the Owner's vendor Feathershark.**
25. Addendum #01 revises Sheet M202 and Sheet M502 for natural gas piping serving the patio and kitchen, including a control valve bypass loop and associated detail. Please clarify the electrical scope for the gas control valve bypass loop and electric solenoid/control devices. Clarification requested includes power source, circuit requirements, raceway and wiring responsibility, control voltage, reset/shutoff station locations, labeling, interface with kitchen/patio equipment, final connections, and testing responsibility.
- a. **Response: Refer to Keyed Note 25 on Sheet E201 and Oven & Stove Shut-off Detail on Sheet E501 for electrical power and control connection requirements. Refer to Detail 11 "Gas Valve Installation Detail" on Sheet M502 for gas valve piping requirements. Solenoid valve provided by Owner's vendor Feathershark for installation.**
26. Can plywood sheathing be used in lieu of zip system?
- a. **Response: All sheathing options and manufactures listed in the spec or submitted as part of the substitution process will be considered for the project.**

27. The soils report mentions fill and settlement, do we need to figure settlement plates and a settlement period in our bid.
- a. **Response: The geotechnical report does not specify settlement plates or a settlement period.**
28. Please specify which of the Heavy Duty Trench Drain models to include at the area shown on C13.0
- a. **Response: Please see attached updated drawings from Civil.**
29. On Sheet # A411 The Keyed notes # 25, 28, 29, and 30 for the appliances have no make and model #'s. Please provide make and model #'s for the Built in double oven, SS gas cooktop and rangehood, and the SS dishwasher.
- a. **Response: these are owner furnish items and are to be selected. Please refer the the equipment schedule on A701**
30. On Sheet # A414, Keyed note #33 , side by side washer & dryer. Please provide make and model #'s
- a. **Response: these are owner furnish items and are to be selected. Please refer the the equipment schedule on A701**
31. On sheet # A701 there are many products that are lacking make and model #'s
- Rolling Toolbox has no dimensions or description
 - 556 LB Ice maker with ice bin
 - Weight bench with rack and barbells
 - Weight rack
- a. **Response: All products listed are Owner furnished and not determined at this time.**
32. Div 8 Door Hardware sets calls for Sargent narrow rim exit device with electrified retractor opt 56 for doors 100, 104, 109 as an example.
But the Dwg. E401 low voltage scope of work responsibility matrix states the electronic door strikes are provided by Div 26 contractor.
Are the electric strikes to be provided by Div 8 contractor or Div 26 contractor?
- a. **Response: Hardware provider is to provide all hardware per door hardware group specification. If something is to be provide by another contractor it is noted in the hardware group specification.**
33. Has an environmental survey been completed on the existing House #6? If so, does someone need to address any abatement before demolishing the existing structure?
- a. **Response: An environmental survey has not been conducted to our knowledge.**
34. It is not clear if Aggregate Piers are required for this project? Please clarify.
- a. **Response: Ground improvement per the ground improvement spec and Geotech recommendations are to be provided as part of the spec.**

35. Are the costs for "Ground Improvement" and/or "Soils Remediation" part of the Unforeseen Conditions Allowance of \$100,000? Please clarify.
- a. **Response: Ground improvements are to be included as part of the project cost.**
36. Please clarify the fencing scope, spec 32 31 13, as we are not seeing any fencing required outside the temporary construction fence needed throughout the project duration.
- a. **Response: see previous questions answered in this addendum for type and scope.**
37. Who is responsible for the scope of the 'Signal Base' as shown on C11.0?
- a. **Response: Signal is being designed by a signal design engineer to work with the intersection. The contractor is responsible for this scope and the cost of this scope is represented in the allowances spec as an allowance for a vehicular traffic light structure.**
38. The North wall in room 'Lockers 112' shows S3, but does not show it as a fire rated wall. Please confirm it is to be a 1 hour fire rated wall like the other S3 walls?
- a. **Response: This is to be a one hour wall, please see updated plans attached.**
39. Do the S3 walls have the 2 layers of drywall for the STC rating or are they to be noted as 2 hour rated walls?
- a. **Response: The 2 layers is for the sound control, wall is only required to be 1 hr rated.**
40. Will we need to carry an allowance for potential repairs as it pertains to the retaining wall being built and how it affects the existing asphalt parking lot?
- a. **Response: We are not currently indicating an allowance for any damage that may occur to the existing asphalt parking lot.**
41. In addendum 01 it was called out that a new updated Allowances spec section 01 21 00 was issued, but it is not in the addendum pages. Please provide.
- a. **Response: Please see Addendum 03 for Allowances spec.**
42. Page 10 of the Geo Report states that there was undocumented fill materials encountered in borings B-08 and B-09 in the pavement and parking areas. PSI recommended those materials be undercut and replaced to provide 1 foot of approved engineered fill beneath the proposed pavement subgrade and then recompact. Based on this report on site material is unlikely useable, please verify what engineered fill material would be approved for use if that is the case?
- a. **Response: section 5 in the geo report explains the Engineered Fill material.**
43. Page 07 31 13-4, Section 3.03, Eave Protection A1 calls for 72" past the exterior wall. with a 36" overhang, totaling 9 feet of eave protection. Is this correct? As it is not typical for this scope.

- a. **Response: please reference the line below the one you have referenced which also states that the eave protection membrane is to be installed in accordance with manufactures instructions and NRCA (RM) applicable requirements.**
- 44. Please provide spec section 01 23 00 Alternates, as it is not in the original bid documents or addendum 01.
 - a. **Response: Please see Addendum 02**
- 45. Bunk Room 116 has a "WT2" called out on I101, but there is no window present. All architectural drawings, such as A111, show a window in Bunk Room 116. Please verify if a WT2 window shade is needed in Bunk Room 116.
 - a. **Response: Drawing corrected to show window.**
- 46. In response to RFI #48 in Addendum 02, is it true that there is no need for aggregate piers or other such additional supports because Structural has now coordinated and taken this into account?
 - a. **Response: Ground improvement will still be required, structural drawings are now coordinated with the ground improvement requirements.**
- 47. In response to RFI #54 in Addendum 02, is it true that the entirety of the concrete curb, ramp and drive, as noted on the drawing, is under the CCFPD's responsibility and no cost will be expected in the contractor's bid? Just coordination of scheduling.
 - a. **Response: Please see attached updated drawings from Civil.**
- 48. Keyed note 20 on I101 states "App. Bays paint safety stripes on the floor and columns P10 verify locations with owner direction." How are we supposed to quantify that? Nothing shown on the plans. Please clarify.
 - a. **Response: Owner to have final determination of layout, but typical App bay layout consists of 2 lines full length of bay at each bay, in line with the jamb of the garage doors at each bay.**
- 49. You only show one corner guard on the finish floor plan. I count seven(7) outside corners. Are we only to include one(1) in our bid?
 - a. **Response: Please provide corner guards for the outside corners.**
- 50. There is no unit prices for Agg piers but you reference this in the Allowances section which is still very confusing.
 - a. **Response: Allowance section and ground improvement specs were updated in addendum 03 to clarify this.**
- 51. Your updated Equipment Schedule on A701 has the contractor supplying the dishwasher. All other appliances are by owner. If truly by contractor, please provide spec.
 - a. **Response: Equipment Schedule has been updated to reflect the owner furnishing this item.**

52. We have another RFI for you about section 2.14, A in the attached document. We just need verification on if the dba rating is correct at 10 feet and not the std 23'. Thank you!
- a. **Response: The engine-generator set enclosure shall limit the sound at the nearest property line to 71 dB in accordance with City of St. Peters Noise Ordinance in commercial zoning districts. The sound attenuation model can include calculations that include the enclosure wall as long as the installed conditions meet the City of St. Peters requirement.**
53. In Addendum 03, it looks like the old spec section 31 45 80 ground improvements was included after the updated on that had section 1.5 – unit prices removed, is that correct.
- a. **Response: Yes that is correct, please only reference the updated 31 45 80 with unit prices removed.**
54. Couple quick questions on this one. Are the terminated stops on the frames necessary and are the frames to be full profile welded at all openings or knock down at drywall interior? Specs are calling for knock down at exterior and full profile welded at interior. Assuming they are flopped but wanted to get your opinion.
- a. **Response: Correct, fully welded frames should be for exterior doors and knock down for interior doors.**
55. The Resilient Athletic Floor Spec calls for fluid applied, but the finish schedule calls for 8mm roll athletic flooring along with the substitution request. Please clarify that we are only using the ones on the Finish Schedule/Legend and substitution request.
- a. **Response: the products listed on the interior finish plan indicate the design intent for flooring type.**
56. Please confirm that SPF2 Acoustical Wall Panel is the only acoustic wall panel that is on the plans. The specs reference a sound absorptive fiber cement panel. Please clarify.
- a. **Response: Yes, SPF2 Acoustical wall panel is the only acoustical wall panel noted on the plans**
57. Please clarify the Interior Wall Paneling spec. I do not see anything pertaining to this spec. The plans call out SST Stainless steel backsplash behind the kitchen range and FRP is under a different spec section.
- a. **Response: This is a general indoor wall paneling spec is a catch all spec, the RFP spec that is also provided is more specific to the product being used and is also referenced in the related requirements section in the interior wall paneling spec.**
58. Please identify the basis-of-design manufacturer and model for the exterior-grade stainless steel base cabinets and stainless steel countertop shown on Detail D3/A441
- a. **Response: No basis of design has been determined at this time.**
59. There are spec sections for Metal Toilet Compartments and Phenolic Toilet Compartments in the spec book. There aren't any toilet compartments in the project.
- a. **Response: Please disregard these spec sections.**
60. You have a spec section for Interior Wall Paneling. What is this for? Where is it located because I don't see anything on the plans.

- a. **Response: see response to RFI question 55**

61. 1/S403 references a guardrail at the attic mechanical area and with a note that states "guardrail per architectural" , I cannot locate any details on these guardrails in the architectural drawings. Please provide railing details and attachment details.

- a. **Response: Railing construction narrative provided on drawing A6/A112.**

PRODUCT SUBSTITUTIONS

1. Specification Section 26 32 13 – Engine Generator.
 - a. **Response: This Product Substitution request is approved. Reference attached Substitution Request Form, Blue Star.**
2. Specification Section 08 43 13 – Aluminum Framed Storefront (tublite)
 - a. **Response: This Product Substitution request is approved. Reference attached Substitution Request Form, Tubelite.**

PROJECT MANUAL

1. 00 31 00.03 – Geotechnical Report
 - a. **Letter From PSI regarding the option to remediate and provide engineered fill in lieu of ground improvement in the way of Ag piers slipped in to end of Geotech report.**
 - b. **Reference attached additional section material.**
2. 10 21 13.13 – Metal Toilet Compartments
 - a. **Disregard this spec section**
3. 10 21 13.17 – Phenolic Toilet Compartments
 - a. **Disregard this spec section**
4. 263213 – Engine Generators
 - a. **Revised the last sentence of 2.14 A. to read as follows: "The engine-generator set enclosure shall limit the sound at the nearest property line to 71 dB in accordance with City of St. Peters Noise Ordinance in commercial zoning districts. The sound attenuation model can include calculations that include the enclosure wall if the installed conditions meet the City of St. Peters requirements."**

CONSTRUCTION DRAWINGS

GENERAL:

1. Sheet G000: COVER SHEET
 - a. **Updated sheet index to reflect addendum 04 revised sheets.**
 - b. **Reference attached Revised Sheet.**

CIVIL:

1. Sheet C5.0 – PHASE 1 - SITE GEOMETRY AND UTILITY PLAN
 - a. **Water service for relocated service to school noted as 6 inch**
2. Sheet C9 - PHASE 3 - EXISTING CONDITIONS & FACILITIES REMOVAL PLAN
 - a. **Revised demo limits as coordinate with current City plans**
 - b. **Contractor will need to work with City and their contractor once schedules and timelines are known**
3. Sheet C12 - SEWER PROFILES AND HYDRAULIC CALCULATIONS
 - a. **10" PVC for inlet and outlet to HDS**
 - b. **Slot drain noted**
4. Sheet C13 - SEWER DETAILS
 - a. **Duraslot XL detail added and Neenah trench removed**
5. Sheet C15.1 - BEST MANAGEMENT PRACTICES PLAN
 - a. **ARCADIA revised to AR5**
6. Sheet C11.1 - CITY SCOPE EXHIBIT
 - a. **Exhibit added to help clarify City project along Jungs Station**

LANDSCAPING:

- ***No documents issued within this Addendum.***

ARCHITECTURAL:

1. Sheet A004: Life Safety Plan
 - a. **Rated wall hatch was updated.**
 - b. **Reference attached Revised Sheet.**
2. Sheet A111: Floor Plan
 - a. **Rated wall hatch was updated.**
 - b. **Reference attached Revised Sheet.**
3. Sheet A112: Dimension Floor Plan
 - a. **Rated wall hatch was updated.**
 - b. **Reference attached Revised Sheet.**
4. Sheet A415: Enlarged Floor Plans
 - a. **Rated wall hatch was updated.**
 - b. **Reference attached Revised Sheet.**
5. Sheet A701: Equipment & Furniture Plan
 - a. **Equipment schedule modified**
 - b. **Reference attached Revised Sheet.**

6. Sheet I101: Finish Floor Plan, Finish Sched.
 - a. Plans fixed to show window with sill tag
 - b. Reference attached Revised Sheet.

STRUCTURAL:

- *No documents issued within this Addendum.*

MECHANICAL:

- *No documents issued within this Addendum.*

PLUMBING:

- *No documents issued within this Addendum.*

FIRE PROTECTION:

- *No documents issued within this Addendum.*

ELECTRICAL:

1. Sheet E001 - ELECTRICAL SYMBOLS & ABBREVIATIONS
 - a. Added the following table to identify Station Monitoring System

Station Monitoring System - Refer to Sheet E403

Hardware	Provided By	Installed By
G2 System Components	Honeywell (Owner Furnished)	Certified Installer
16/4 Plenum Rated Audio Cable	Division 27 Contractor	Division 27 Contractor
CAT 6E Plenum Rated POE Cable	Division 27 Contractor	Division 27 Contractor
Electrical Backboxes and Conduit	Division 27 Contractor	Division 27 Contractor

Cable terminations and testing shall be by Certified Installer.

2. Sheet E101 - ELECTRICAL SITE PLAN
 - a. Revised Keyed Note 9 to read as follows: Approximate location of relocated school sign. Coordination de-energization of existing Ameren service with Ameren representative. Coordinate with Ameren and relocate the existing electrical sign service meter to the new sign location. Disconnect existing underground circuit serving school sign. Provide handhole for splicing of existing to new conductors. Provide new underground conduit routed around the new facility site to new sign location. Refer to Civil Drawings for new route. Extend conduit as needed and recircuit to same circuit as original locations. See Civil Plans for details. Basis of bid shall be a 40A, 120/240 volt, single-phase circuit extended from the designated point of connection to the

new sign location. Specific requirements will be coordinated with Ameren post-bid.

- b. Added Keyed note 10 which reads the following: Traffic signal light - provide 12"x18" quazite handhole at this location with 2#10, 1#10g in 1 inch conduit routed from handhole to panelboard in building for power.
- c. Added power to the location of the traffic signal light.

3. Sheet E401 - AUXILIARY PLAN

- a. Revised Low Voltage Scope of Work Responsibility Matrix to change reference to Division 26 contractor in Network Equipment and Hardware section to Division 27.
- b. Revised Low Voltage Scope of Work Responsibility Matrix to change references to Division 26 and Division 27 Contractor in Door Access and Gates to Division 28.
- c. Added Station Monitoring System section to the Low Voltage Scope of Work Responsibility Matrix.

4. Sheet E402 - FEATHERSHARK DETAILS

- a. Removed matrix section identified for HQ Building. Not applicable to this project scope of work.
- b. Added the phrase (WHERE APPLICABLE) at the end of Electronic Door Strikes under Hardware Contractor Supplied

5. Sheet E601 - ELECTRICAL SCHEDULES

- a. Added Traffic Signal circuit to panelboard PB.

END OF ADDENDUM #04

SUBSTITUTION REQUEST

(During the Bidding/Negotiating Phase)



PROJECT: Central Co Fire SUBSTITUTION REQUEST NUMBER: 1
1151 Jung Station Rd
 TO: Mary Grib FROM: Ck Power
HORNER SHIFRED DATE: 7-14-26
 RE: Electrical Engineer A/E PROJECT NUMBER: 24057
 CONTRACT FOR: EC

SPECIFICATION TITLE: ENGINE GENERATOR DESCRIPTION: STANDBY GENERATOR
 SECTION: 26 32 13 PAGE: 535 ARTICLE/PARAGRAPH: _____

PROPOSED SUBSTITUTION: Blue Star Generator
 MANUFACTURER: Blue Star ADDRESS: MAUKATO, WVA PHONE: 507-345-1776
 TRADE NAME: _____ MODEL NO.: NG-200

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.
 Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

SUBMITTED BY: Bob Young
 SIGNED BY: Bob Young
 FIRM: Ck Power
 ADDRESS: 1100 Research Blvd, St Louis MO 63132
 TELEPHONE: 314 868-8620

A/E's REVIEW AND RECOMMENDATION:

- ☐ Approve Substitution—Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- ☐ Approve Substitution as noted—Make submittals in accordance with Specification Section 01 33 00 Submittal Procedures.
- ☐ Reject Substitution—Use specified materials.
- ☐ Substitution Request received too late—Use specified materials.

SIGNED BY: _____

DATE: _____

SUPPORTING DATA ATTACHED: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____



Advancement
of Construction
Technology

SUBSTITUTION REQUEST

(During the Bidding Phase)

Project CCFR station #6 Substitution Request Number: 01
 From: Slayden Glass inc
 To: Danny Lamb danny@lcsconstruct.com Date: 7/13/2026
 Re: office @ slaydenglassinc.com A/E Project Number: _____
 Contract For: _____

Specification Title: _____ Description: _____
 Section: _____ Page: _____ Article/Paragraph: _____

Proposed Substitution: Tubelite T14000 series storefront
 Manufacturer: Tubelite Address: 7800 International Dr. Phone: (609) 866-2227
 Trade Name: Storefront & Glazing Model No.: T14000

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

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- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Slayden Glass
 Signed by: Chris Bandy Signature required
 Firm: _____
 Address: ☐ _____
 Telephone: ☐ _____

A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with Specification Section 01330.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: _____

Date: _____

Supporting Data Attached: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

July 16, 2026

John LeDoux
Central County Fire & Rescue (CCFR)
1220 Cave Springs Boulevard
Saint Peters, Missouri 63376

Attn: Roy Mangan
Archimages, Inc.
rmangan@archimages-stl.com

**Re: Geotechnical Addendum Letter
Replacement of the Existing Soil**
Proposed CCFR#6 Fire Station
1151 Jungs Station Road
Saint Charles, Missouri 63303
PSI Proposal No: 0040-478784_Rev1
PSI Project No. 0040547-1

Dear Mr. LeDoux:

Thank you for choosing Professional Service Industries, Inc. (PSI), an Intertek Company, as your consultant for the proposed CCFR #6 Fire Station in St. Charles, Missouri.

PSI was authorized to perform the original subsurface investigation and geotechnical scope of services by Mr. LeDoux of CCFR on May 26, 2026, in accordance with PSI Proposal No. 0040-478784_Rev1, dated May 22, 2026. PSI subsequently completed the authorized scope of services and submitted the geotechnical report for the project on July 6, 2026.

This Geotechnical Addendum Letter was requested by the design team on July 14, 2026, to provide clarification regarding foundation support options for the weak soils encountered beneath the proposed building footprint. As an alternative to ground improvement using aggregate piers, the unsuitable soils may be removed to a depth of approximately 8 feet below the existing ground surface and replaced with properly compacted Engineered Fill in accordance with the earthwork recommendations provided in Section 5 of PSI's original geotechnical report and under the observation and direction of the geotechnical engineer. Over-excavation should extend at least 5 feet beyond the building footprint.

When placing fill on existing slopes, fill material shall be placed in horizontal lifts and benched into the existing slope.

If site preparations in the building footprint are completed as described above, spread footings for building columns and continuous footings for bearing walls bearing on Engineered Fill can be designed for an allowable soil bearing capacity of 2,000 psf, based on dead load plus design live load.





Single isolated footings, with width no larger than six feet, designed as discussed above, should experience a settlement of about 1 inch or less. If a cluster of closely spaced footings (i.e., if the center to center spacing of the footings is less than two times the width of the footing) are planned, PSI should be contacted to calculate the amount of settlement.

This Geotechnical Addendum Letter supplements, and should be used in conjunction with, PSI's geotechnical report submitted on July 6, 2026.

REPORT LIMITATIONS

Report Limitations are provided in Section 9 of PSI's July 6, 2026 geotechnical report.

PSI appreciates this opportunity to provide this service to you. If you have any questions, please feel free to contact our office at (314) 432-8073.

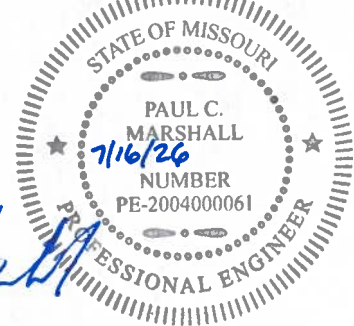
Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Tanzila Tabassum

Tanzila Tabassum, PhD, PE
Staff Engineer

P. Chris Marshall



P. Chris Marshall, PE, BC.GE
Regional Engineer / Principal Consultant
Missouri: 2004000061

CENTRAL COUNTY FIRE & RESCUE - HOUSE #6

1151 JUNG'S STATION RD.
ST. CHARLES, MO 63303

ADDENDUM 4

2026/07/15



ARCHITECTURAL

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CIVIL ENGINEER

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SUNSET HILLS, MO 63127
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STRUCTURAL ENGINEER

KPFF
1630 DES PERES ROAD, SUITE 100
ST. LOUIS, MO 63131
T: 314.835.0524 F: 314.835.0749

OWNER

CENTRAL COUNTY
1220 CAVE SPRINGS BLVD.
ST. PETERS, MO 63376
T: 636. 970.9700

PROJECT ADDRESS

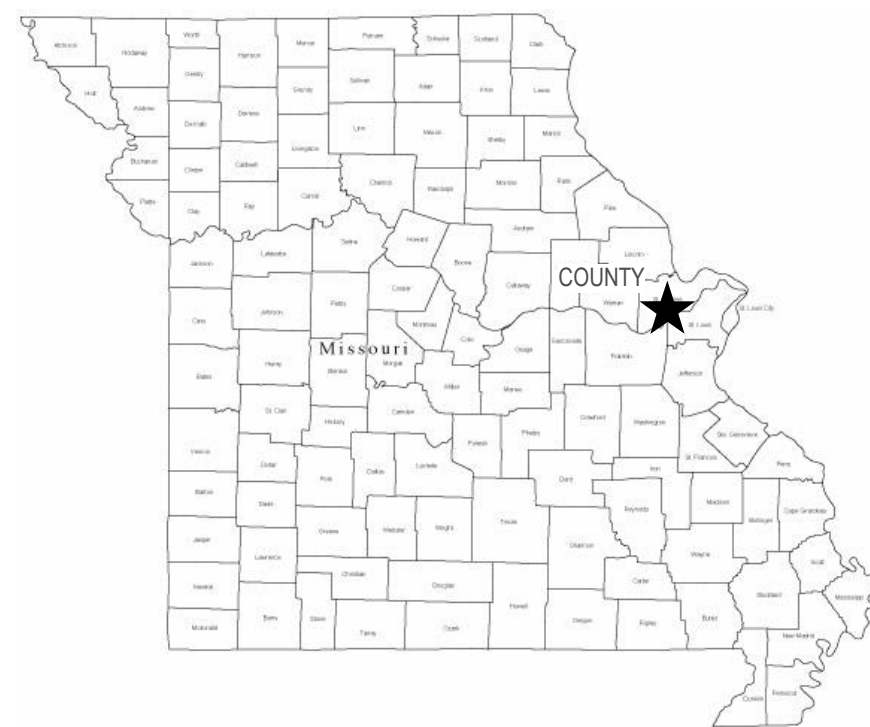
CENTRAL COUNTY FIRE
1151 JUNG'S STATION RD
ST. CHARLES, MO 63303

PROJECT LOCATION



STATE MAP

MO



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C2.0 SPECIFICATION SHEET						
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C4.0 PHASE 1 - SITE AND GRADING PLAN						
C5.0 PHASE 1 - SITE GEOMETRY AND UTILITY PLAN						
C6.0 PHASE 2 - EXISTING CONDITIONS & FACILITIES REMOVAL PLAN						
C7.0 PHASE 2 - SITE AND GRADING PLAN						
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E602 ELECTRICAL SCHEDULES AND ONE-LINE						
Grand total: 115						

Roy A. Manson

MO Architect License No. A-6661
Expires: 12/31/26

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Proposed:
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RESCUE - HOUSE #6

ST. CHARLES, MO 63303

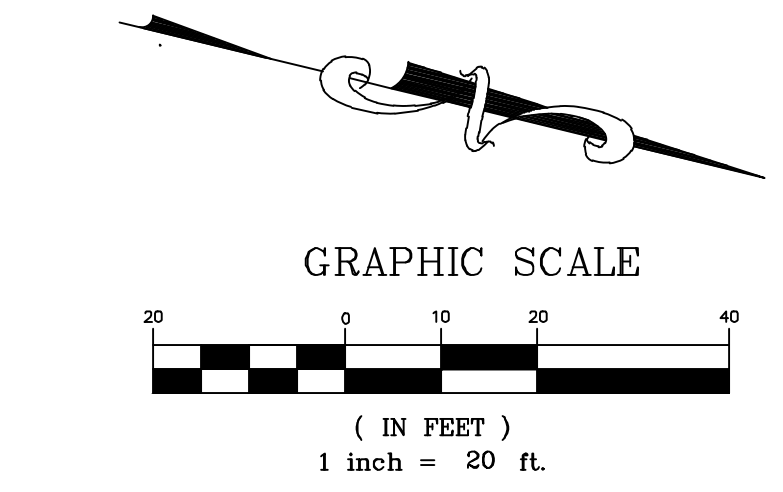
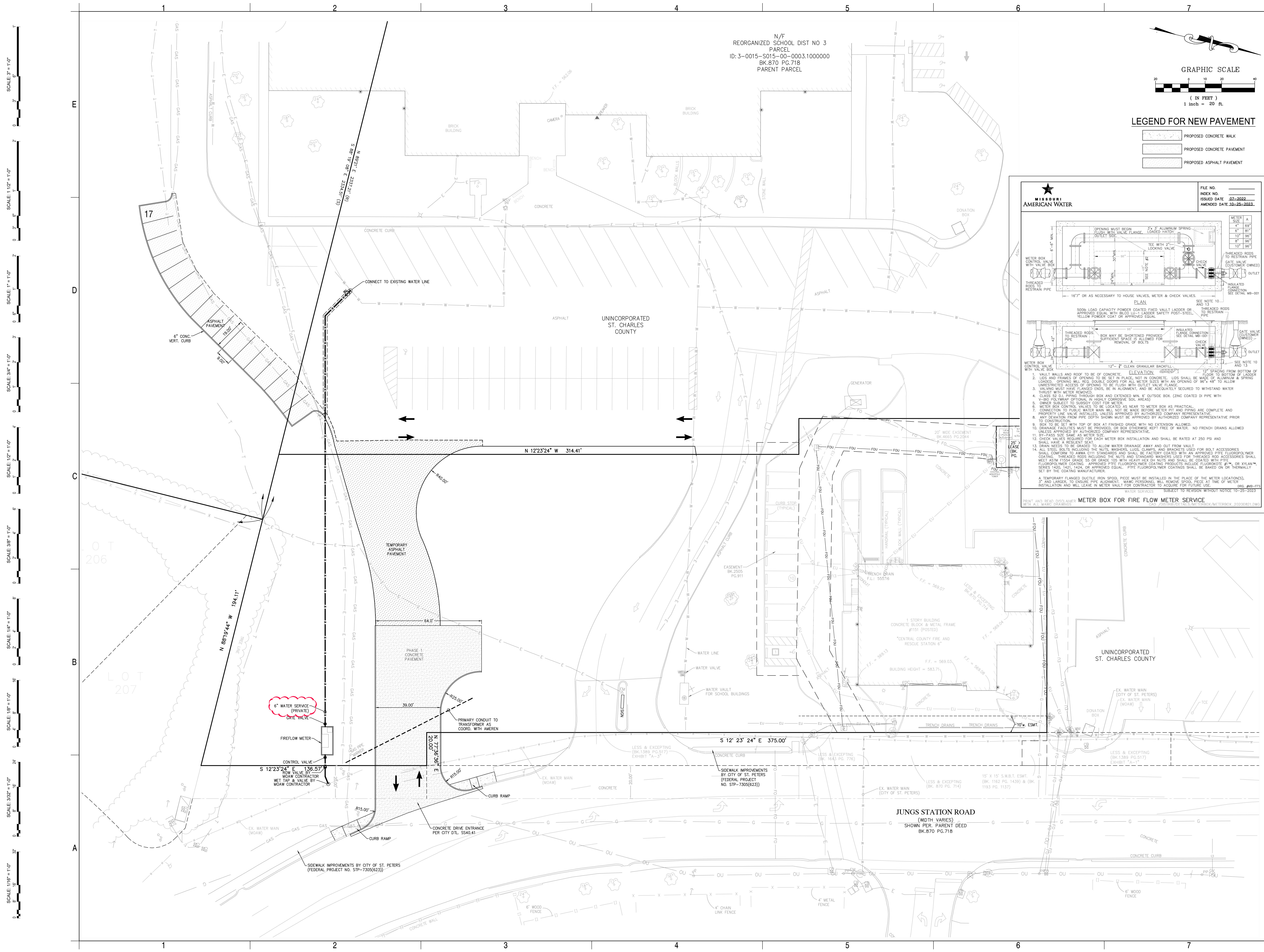
1151 JUNG'S STATION RD

COVER SHEET

Project No.
24057

Sheet No.
G000

Date
2026/07/15



LEGEND FOR NEW PAVEMENT

[Pattern]	PROPOSED CONCRETE WALK
[Pattern]	PROPOSED CONCRETE PAVEMENT
[Pattern]	PROPOSED ASPHALT PAVEMENT

FILE NO. _____
INDEX NO. _____
ISSUED DATE: **02-2022**
AMENDED DATE: **10-25-2023**

ELEVATION

1. VAULT WALLS AND ROOF TO BE OF CONCRETE.
2. LIDS AND FRAMES OF OPENING TO BE SET IN PLACE, NOT IN CONCRETE. LIDS SHALL BE MADE OF ALUMINUM & SPRING LOADED. OPENING WILL BE DOUBLE DOORS FOR ALL METER SIZES WITH AN OPENING OF 90" X 48" TO ALLOW UNRESTRICTED ACCESS OF OPENING TO BE FLUSH WITH OUTLET VALVE FLANGE.
3. VALVING MUST HAVE FLANGED ENDS, BE IN ALIGNMENT, AND BE ADEQUATELY SECURED TO WITHSTAND WATER THRUST WITH METER REMOVED.
4. CLASS 52 D.I. PIPING THROUGH BOX AND EXTENDED MIN. 6" OUTSIDE BOX. (ZINC COATED DI PIPE WITH V-BOND POLYMER OPTIONAL, IN HIGHLY CORROSIVE SOIL AREAS)
5. OWNER SUBJECT TO SUBSIDY COST FOR METER.
6. METER BOX CONTROL VALVES TO BE LOCATED AS NEAR TO METER BOX AS PRACTICAL.
7. CONNECTION TO PUBLIC WATER MAIN WILL NOT BE MADE BEFORE METER PIT AND PIPING ARE COMPLETE AND PROPERTY LINE HAS BEEN INSTALLED, UNLESS APPROVED BY AUTHORIZED COMPANY REPRESENTATIVE.
8. ANY DEVIATION FROM PIPE DEPTH SHOWN MUST BE APPROVED BY AUTHORIZED COMPANY REPRESENTATIVE PRIOR TO CONSTRUCTION.
9. BOX TO BE SET WITH TOP OF BOX AT FINISHED GRADE WITH NO EXTENSION ALLOWED.
10. DRAINAGE FACILITIES MUST BE PROVIDED, OR BOX OTHERWISE MUST BE FREE OF WATER. NO FRENCH DRAINS ALLOWED.
11. BY-PASS SIZE SAME AS METER SIZE.
12. CHECK VALVES REQUIRED FOR EACH METER BOX INSTALLATION AND SHALL BE RATED AT 250 PSI AND SHALL HAVE A RESILIENT SEAT TO ALLOW WATER DRAINAGE AWAY AND OUT FROM VAULT.
13. ALL STEEL BOLTS INCLUDING THE NUTS, WASHERS, LOCKS, CLAMPS, AND BRACKETS USED FOR BOLT ACCESSORIES MUST CONFORM TO ANNA CITY STANDARDS AND SHALL BE FACTORY COATED WITH AN APPROVED PTFE FLUOROPOLYMER COATING. THREADED RODS INCLUDING THE NUTS AND STANDARD WASHERS USED FOR THREADED ROD ACCESSORIES SHALL MEET ASTM F1554 GRADE 55 OR GRADE 105 WITH HEAVY HEX DI NUTS AND SHALL BE COATED WITH PTFE FLUOROPOLYMER COATING. APPROVED PTFE FLUOROPOLYMER COATING PRODUCTS INCLUDE FLUOROKOTE 41™, OR XLYN™, SERIES 1420, 1421, 1424, OR APPROVED EQUAL. PTFE FLUOROPOLYMER COATINGS SHALL BE BASED ON OR THERMALLY SET BY THE COATING MANUFACTURER.
14. A TEMPORARY FLANGED DUCTILE IRON SPOOL PIECE MUST BE INSTALLED IN THE PLACE OF THE METER LOCATION(S), 3" AND LARGER, TO ENSURE PIPE ALIGNMENT. MAINT. PERSONNEL WILL REMOVE SPOOL PIECE AT TIME OF METER INSTALLATION AND WILL LEAVE IN METER VAULT FOR CONTRACTOR TO ACQUIRE FOR FUTURE USE. DRG. AMB-PFS

METER BOX FOR FIRE FLOW METER SERVICE

PRINT AND READ DISCLAIMER WITH ALL WAIVER DRAWINGS

Professional Engineer No. E-28660
Missouri Certificate of Authority No. 200304674

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Proposed:
CENTRAL COUNTY FIRE & RESCUE HOUSE #6

No.	Date	Revision
1	7/17/2024	Addendum 02
2	7/17/2024	Addendum 03
3	7/17/2024	Addendum 04
4	7/17/2024	Addendum 04

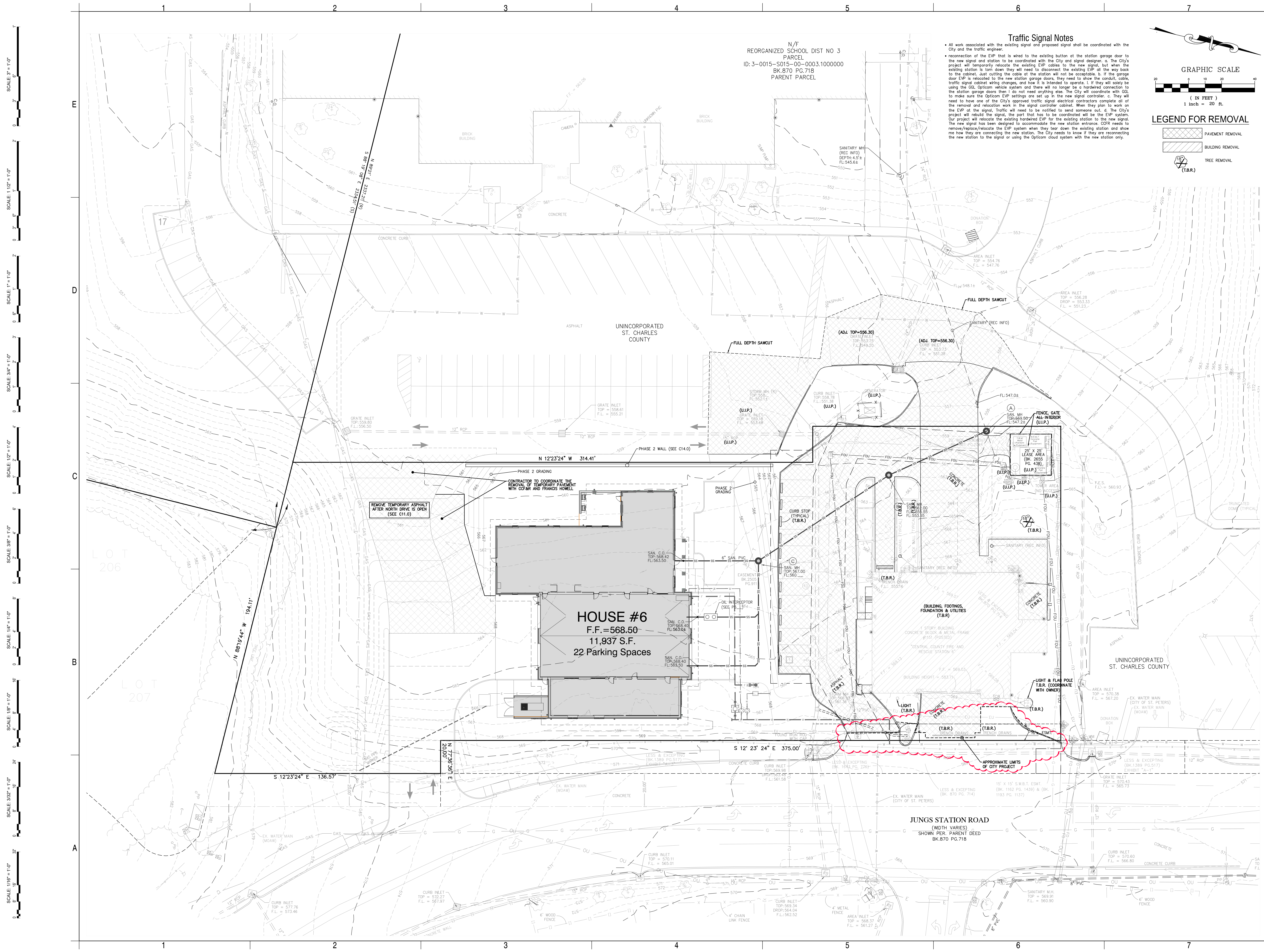
Project No.
2589

Sheet No.
C5.0

Date
2026/06/08

PHASE 1 - SITE GEOMETRY AND UTILITY PLAN

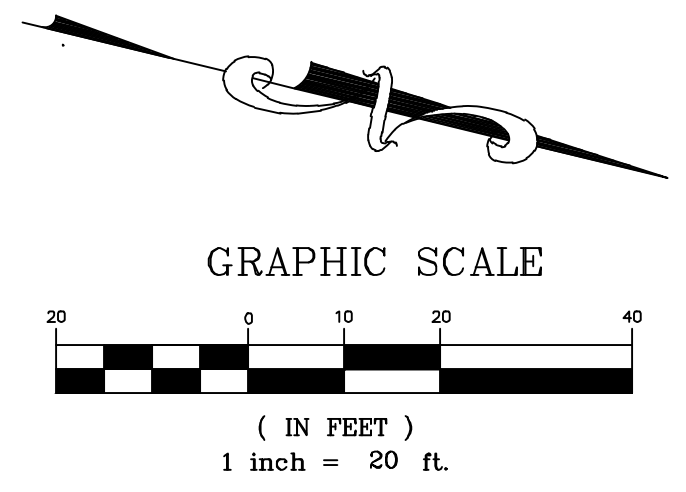
151 Jung's Station Road
St. Peters, Missouri 63303



N/F
REORGANIZED SCHOOL DIST NO 3
PARCEL
ID: 3-0015-5015-00-0003.1000000
BK.870 PG.718
PARENT PARCEL

Traffic Signal Notes

- All work associated with the existing signal and proposed signal shall be coordinated with the City and the traffic engineer.
- reconnection of the EWP that is wired to the existing button at the station garage door to the new signal and station to be coordinated with the City and signal designer. a. The City's project will temporarily relocate the existing EWP cables to the new signal, but when the existing station is torn down they will need to disconnect the existing EWP at the way back to the cabinet. Just cutting the cable at the station will not be acceptable. b. If the garage door EWP is relocated to the new station garage doors, they need to show the conduit, cable, traffic signal cabinet, wiring changes, and how it is intended to operate. c. If they will solely be using the GCL Opticom vehicle system and there will no longer be a hardwired connection to the station garage doors then I do not need anything else. The City will coordinate with GCL to make sure the Opticom EWP settings are set up in the new signal controller. c. They will need to have one of the City's approved traffic signal electrical contractors complete all of the removed and relocation work in the signal controller cabinet. When they plan to work on the EWP at the signal, Traffic will need to be notified to send someone out. d. The City's project will rebuild the signal, the part that has to be coordinated will be the EWP system. Our project will relocate the existing hardwired EWP for the existing station to the new signal. The new signal has been designed to accommodate the new station entrance. CORR needs to remove/relocate/reconnect the EWP system when they tear down the existing station and show how they are connecting the new station. The City needs to know if they are reconnecting the new station to the signal or using the Opticom cloud system with the new station only.



LEGEND FOR REMOVAL

- PAVEMENT REMOVAL
- BUILDING REMOVAL
- TREE REMOVAL

Professional Engineer No. E-28660
Missouri Certificate of Authority No. 200304674

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Proposed:

CENTRAL COUNTY FIRE & RESCUE HOUSE #6

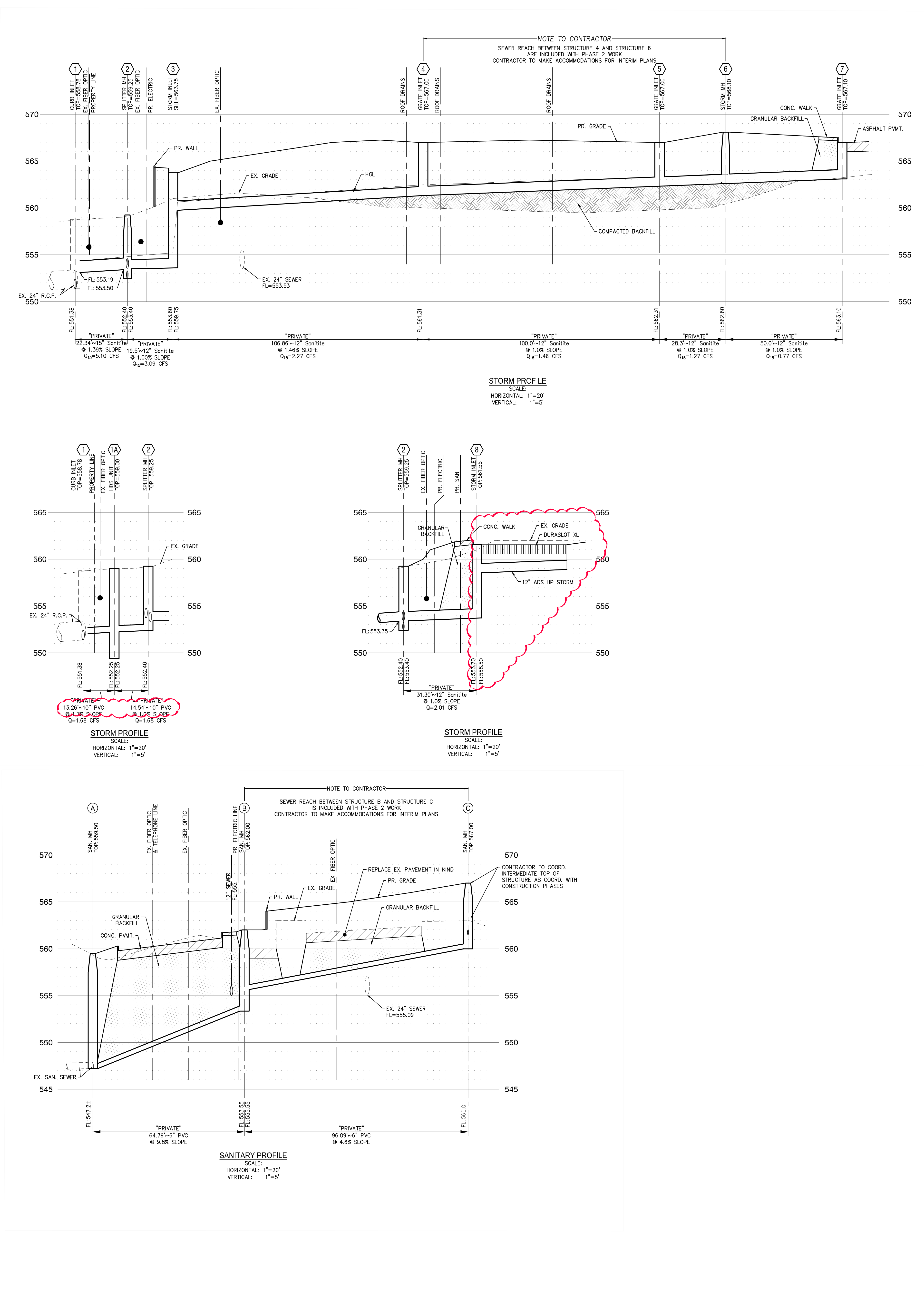
151 Jungs Station Road
St. Peters, Missouri 63303

No.	Date	Revision
1	7/1/2028	Addendum 02
2	7/1/2028	Addendum 03
3	7/1/2028	Addendum 04
4	7/1/2028	Addendum 04

Project No.
2589

Sheet No.
C9.0

Date
2026/06/08



No.	Date	Revision
2	7/15/2026	Addendum 02
4	7/17/2026	Addendum 04

Project No.
2589

Sheet No.
C12.0

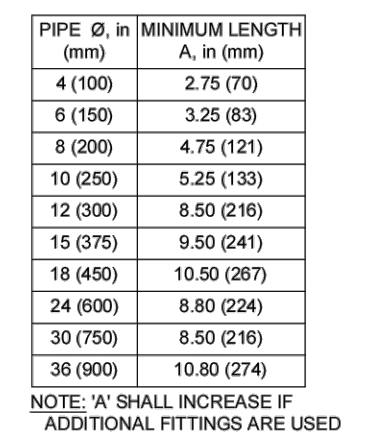
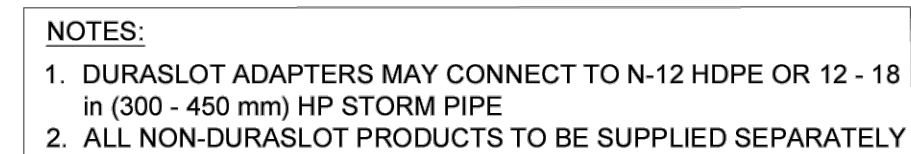
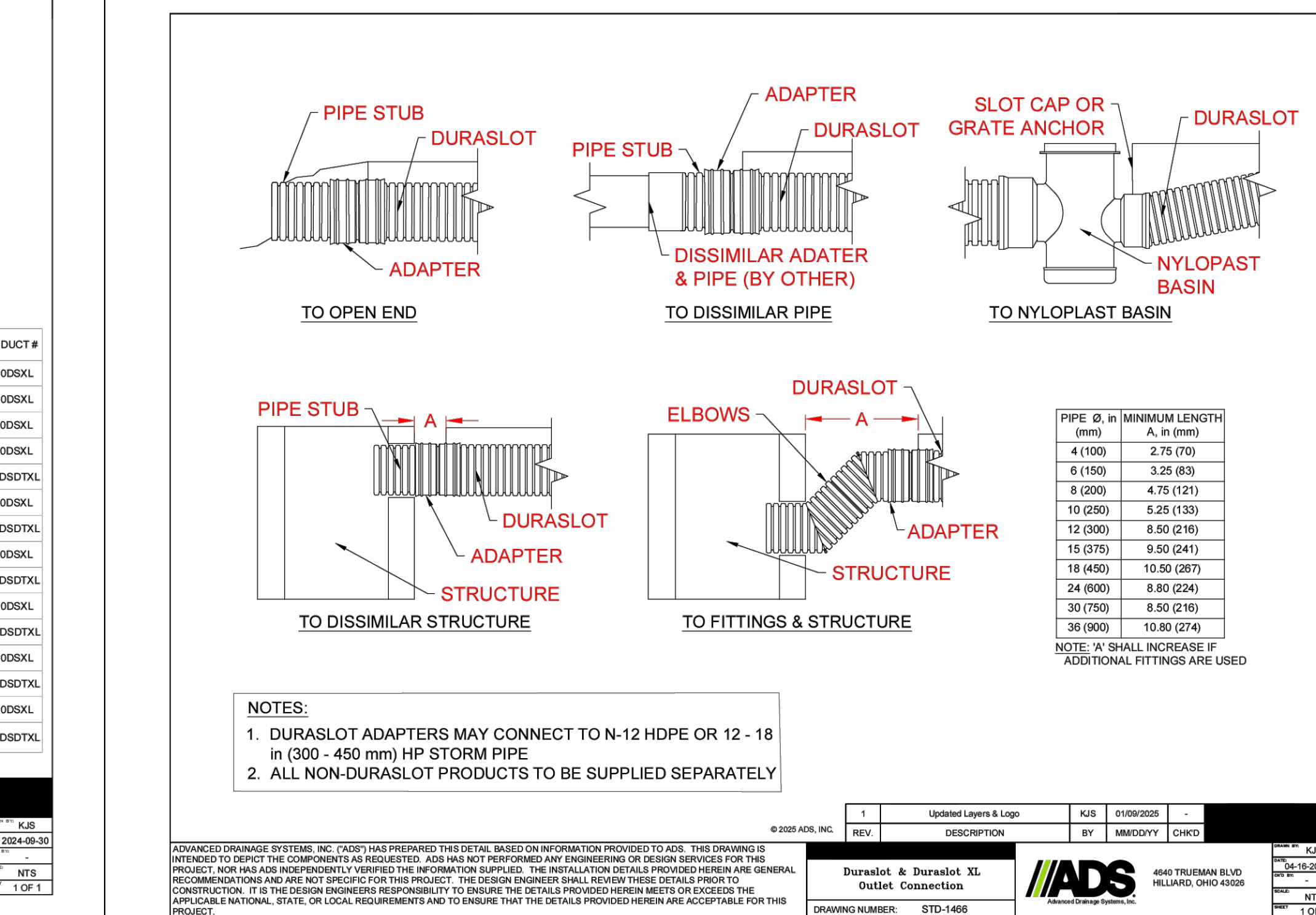
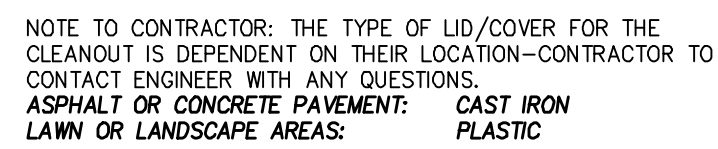
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proposed: **CENTRAL COUNTY FIRE &
RESCUE HOUSE #6**

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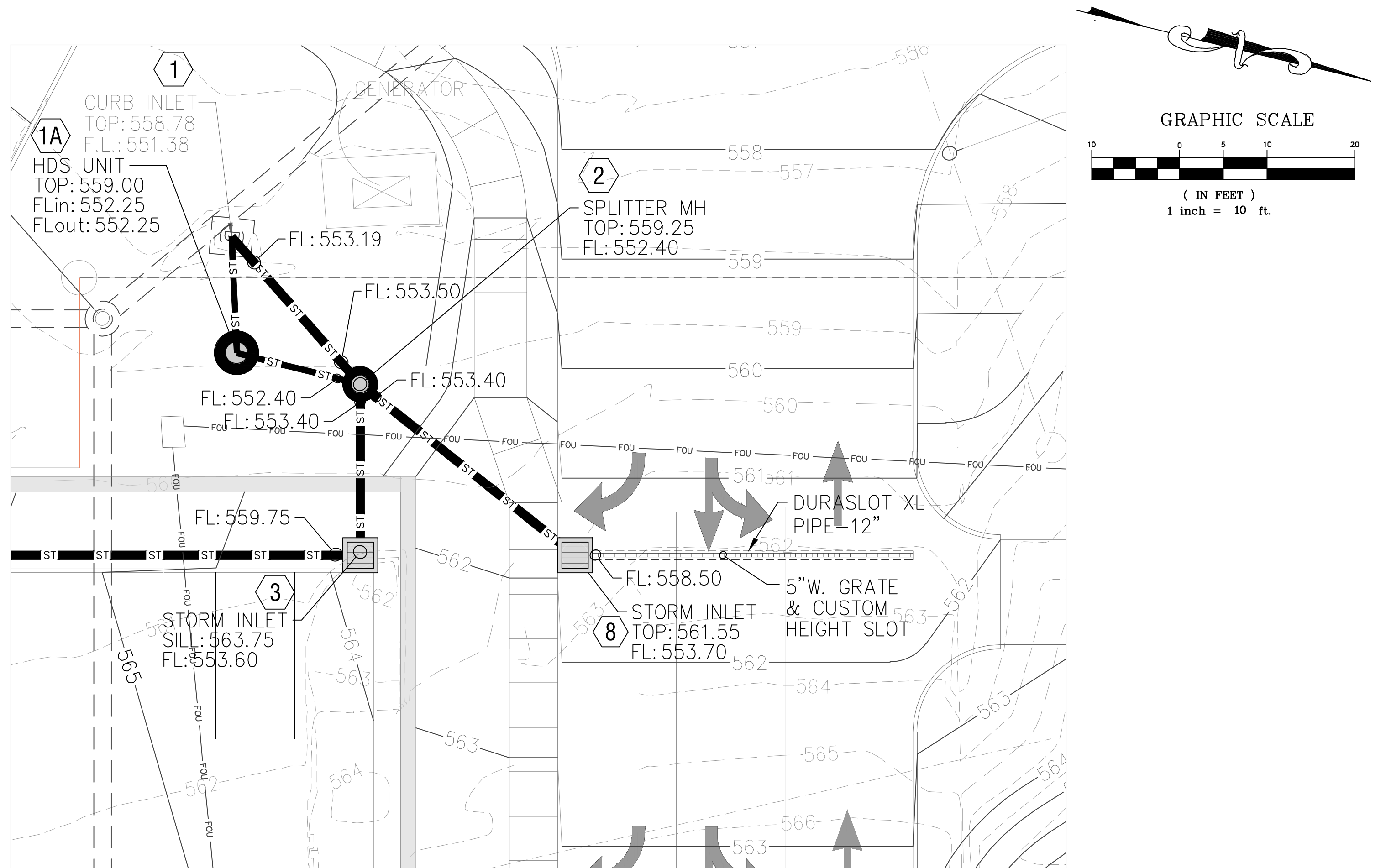
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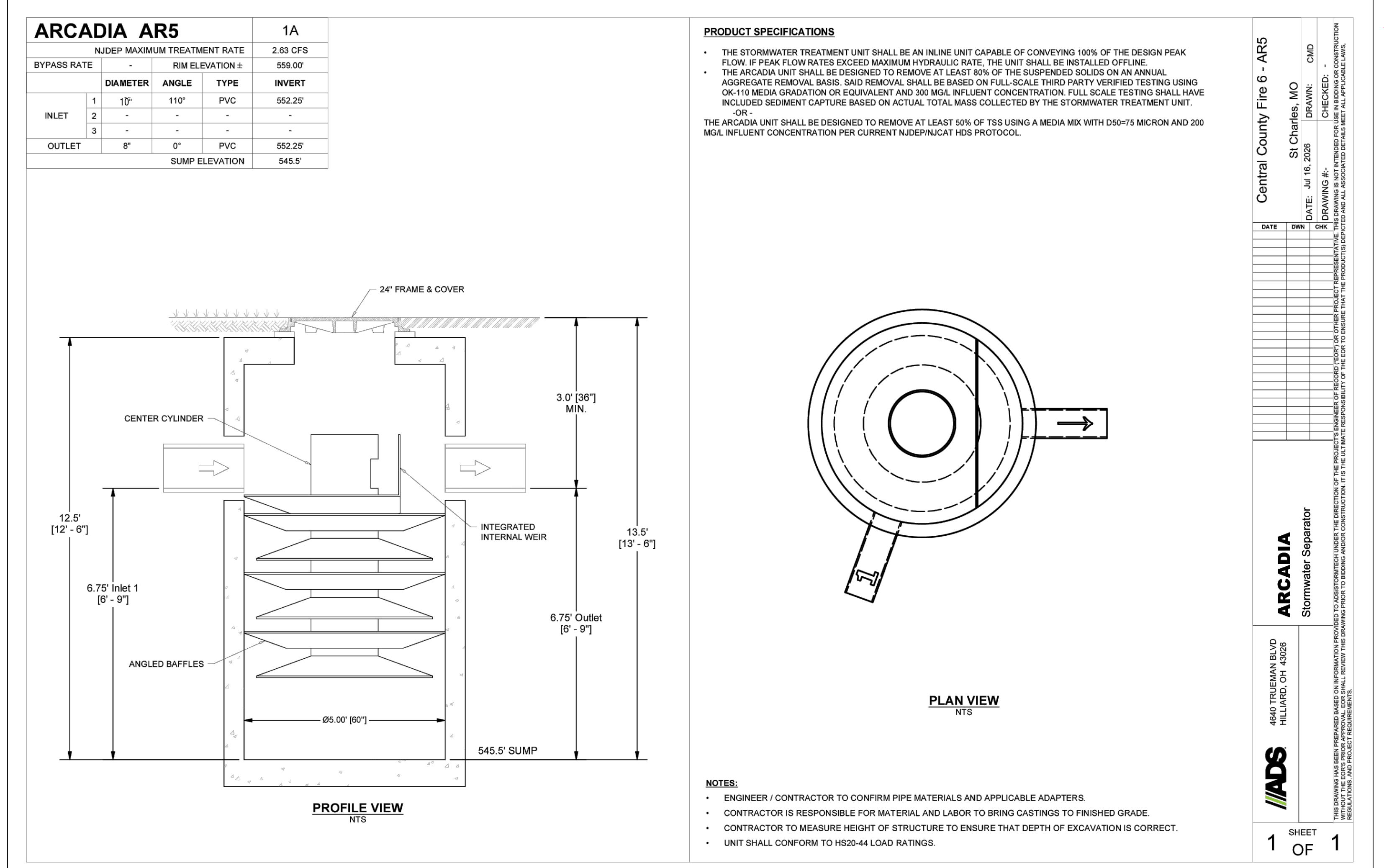
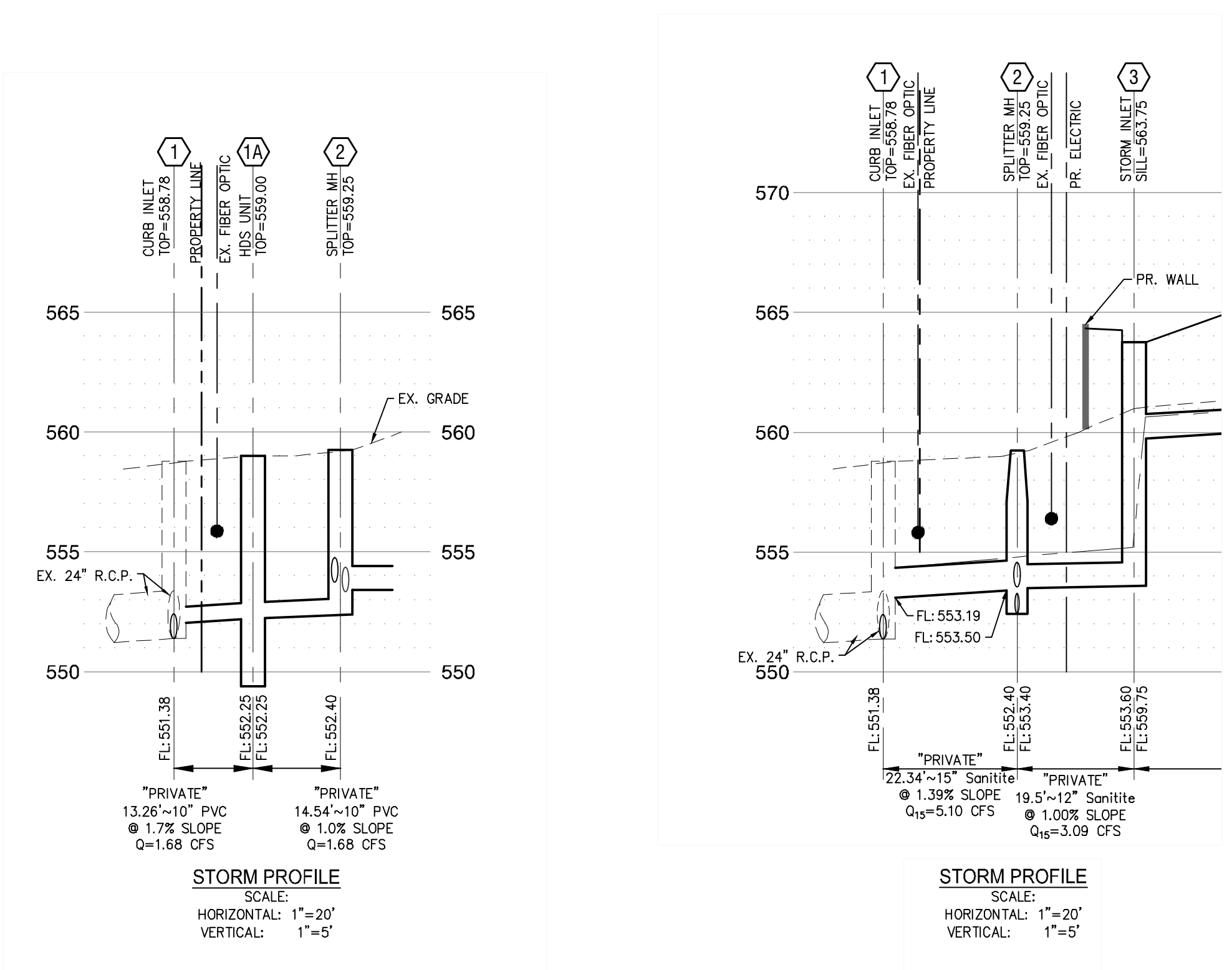


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SCALE: 3/32" = 1'-0"
SCALE: 1/16" = 1'-0"

E
D
C
B
A



HDS UNIT PLAN
SCALE: 1"= 10'



Professional Engineer No. E-28650
Missouri Certificate of Authority No. 2003004674

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Proposed:
CENTRAL COUNTY FIRE &
RESCUE HOUSE #6

151 Jung's Station Road
St. Peters, Missouri 63303

No. 4
Date 7/17/2026
Addendum 02
Addendum 04

Revision

Project No.
2589

Sheet No.
C15.1

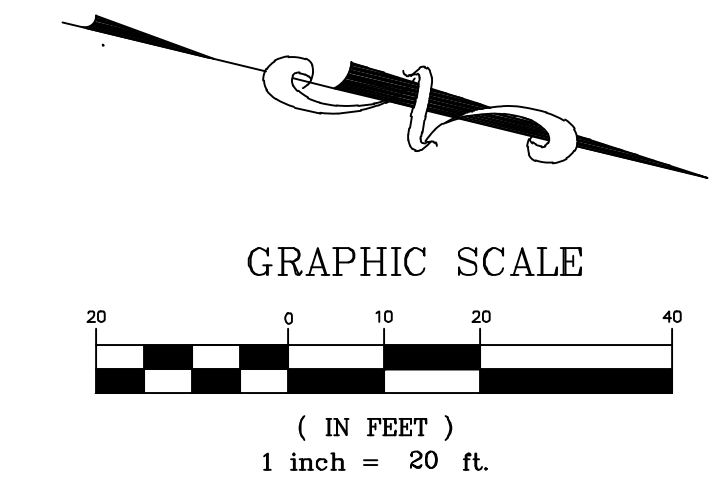
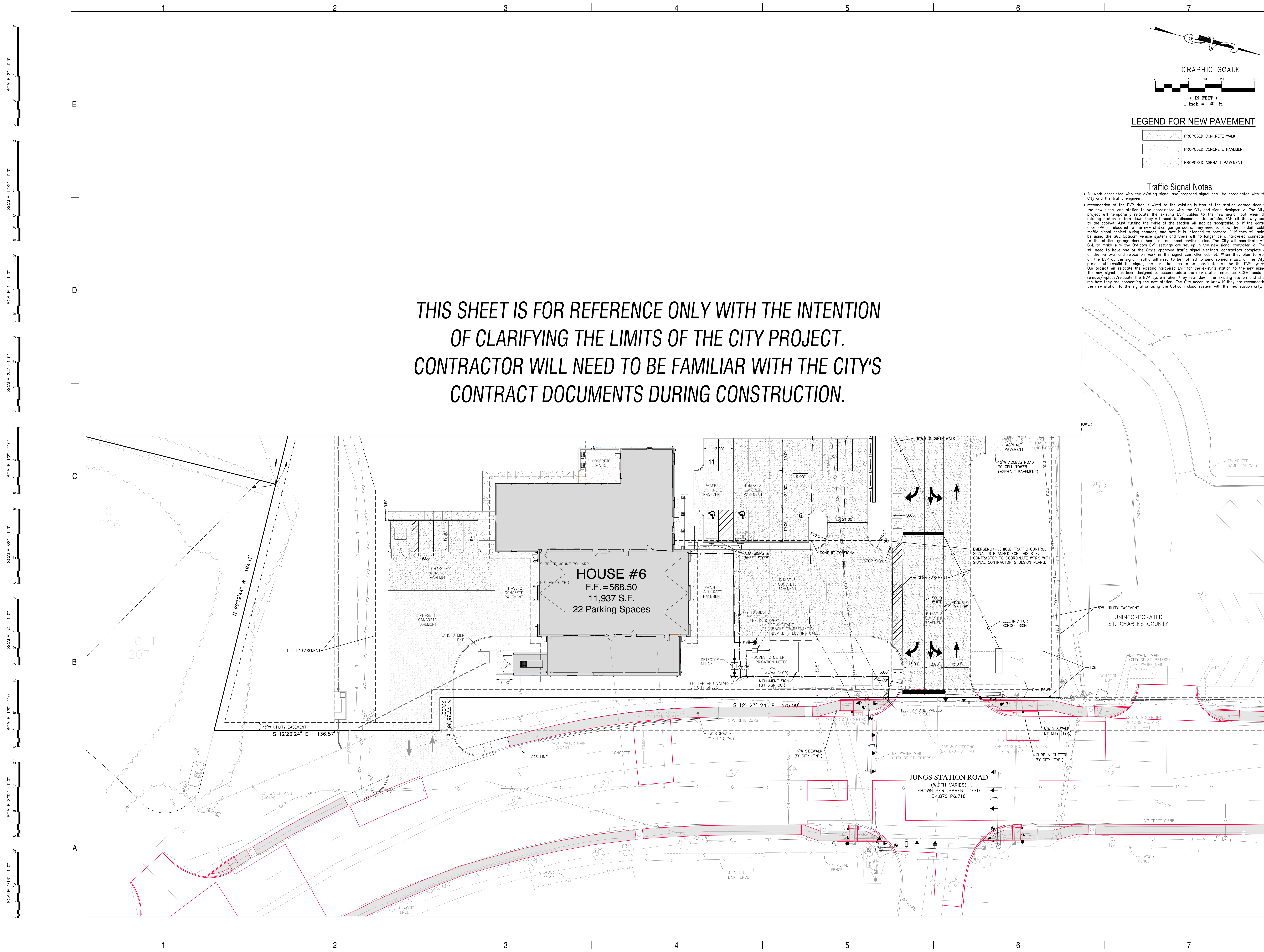
Date
2026/06/08

ADS
4400 THEICHAHN BLVD
HILLIARD, OH 43026

ARCADIA
Stormwater Separator

1 SHEET OF 1

Best Management Practices Plan



LEGEND FOR NEW PAVEMENT

[Pattern]	PROPOSED CONCRETE WALK
[Pattern]	PROPOSED CONCRETE PAVEMENT
[Pattern]	PROPOSED ASPHALT PAVEMENT

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Professional Engineer No. E-28693
Missouri Certificate of Authority No. 200304674

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DESIGN CONSULTANTS

Proposed:
**CENTRAL COUNTY FIRE &
RESCUE HOUSE #6**

Revision
No. 4
Date 7/17/2026
Addendum 02
Addendum 04

Project No.
2589

Sheet No.
C11.1

Date
2026/06/08

City Scope Exhibit

1151 Jungs Station Road
St. Peters, Missouri 63303

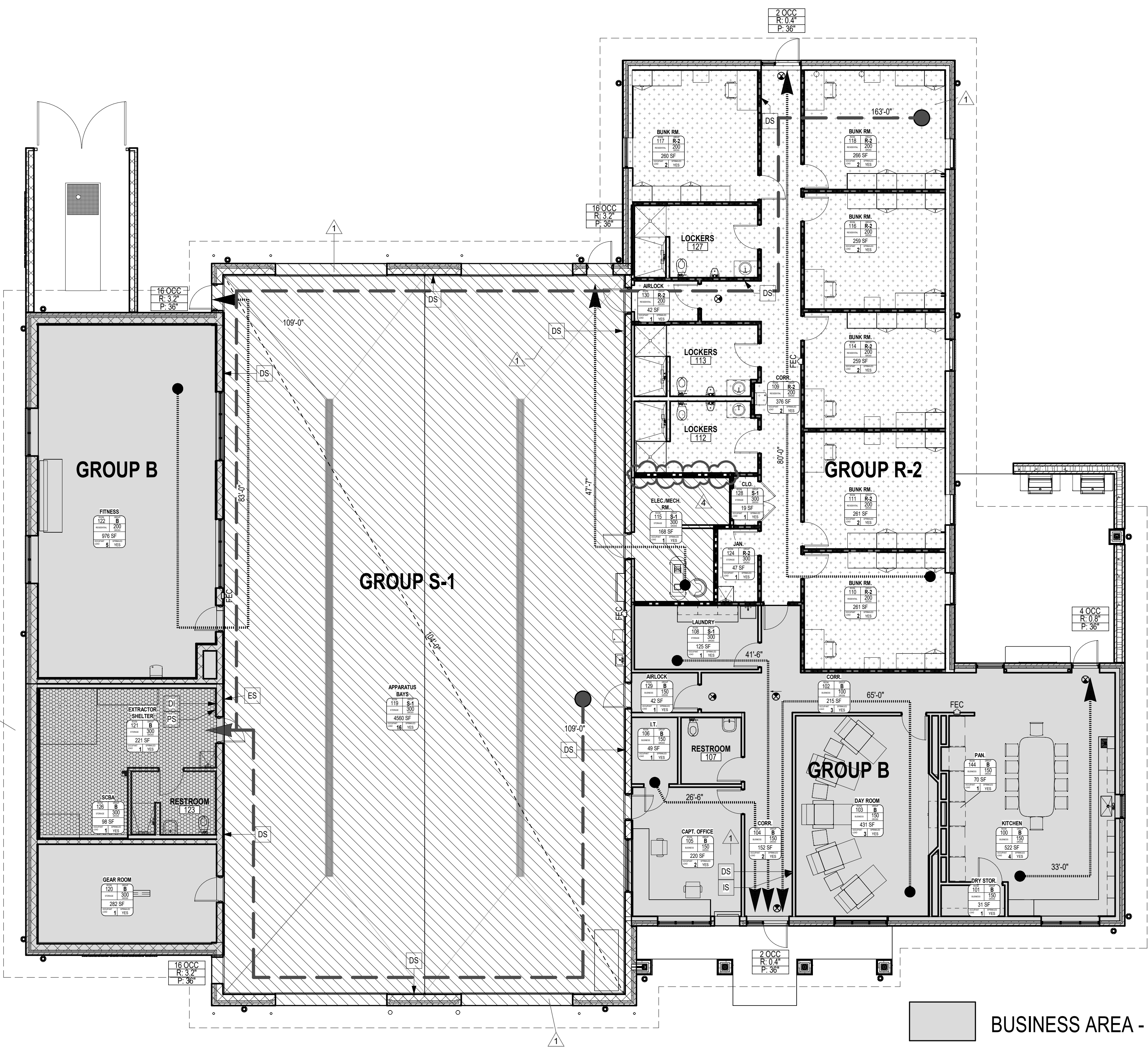
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SIGNAGE LEGEND	
MARK	DESCRIPTION
DI	DESIGN INFORMATION SIGNAGE: "COMMUNITY STORM SHELTER, DESIGN OCCUPANT CAPACITY: 38; DESIGN WIND SPEED 250 MPH; 2020 ICC500 (GENERAL CONTRACTOR); MOUNT AT 6" AFF TO C.L.; 3" RAISED LETTERING ON CONTRASTING BACKGROUND; PROVIDE BRAILLE BELOW.
DS	DIRECTIONAL SIGNAGE: [PATH OF TRAVEL TO STORM SHELTER]; MOUNT AT 6" AFF TO C.L.; 3" RAISED LETTERING ON CONTRASTING BACKGROUND; PROVIDE BRAILLE BELOW.
ES	ENTRY SIGNAGE: "COMMUNITY TORNADO SHELTER"; MOUNT AT 6" AFF TO C.L.; 3" RAISED LETTERING ON CONTRASTING BACKGROUND; PROVIDE BRAILLE BELOW.
IS	IDENTIFYING SIGN: [GENERAL LOCATION OF STORM SHELTER AREA AND ACCESSWAYS]
PS	PERIMETER SIGNAGE: "NOTICE: NOW LEAVING TORNADO SHELTER"; MOUNT AT 6" AFF TO C.L.; 3" RAISED LETTERING ON CONTRASTING BACKGROUND; PROVIDE BRAILLE BELOW.
STORM SHELTER SITE 1. STORM SHELTER HAS NOT BEEN DESIGNED WITHIN AN AREA ON THE SITE SUSCEPTIBLE TO FLOODING. 2. STORM SHELTER HAS NOT BEEN DESIGNED WITHIN AN AREA PROXIMITY TO HAZARDOUS MATERIAL. 3. STORM SHELTER IS LOCATED OUTSIDE A HIGH RISK FLOOD HAZARD AREA. STORM SHELTER USABLE AREA PATH TO STORM SHELTER	

2020 ICC 500		
TOTAL FACILITY ACTUAL OCCUPANTS: 38 OCC (AS STORM SHELTER)		
TRAVEL DISTANCE TO ICC 500 TORNADO SHELTER: 100' MAX RECOMMENDED 168'-3" MAX PROVIDED (FROM BUNK ROOM #118)		
ICC500.501.1.1 OCCUPANT DENSITY, STANDING: 1 OCCUPANT PER 5 SF		
ROOM	USABLE AREA	OCCUPANCY
EXTRACTOR TOILET	82 SF	17
EXTRACTOR/SCBA	+310 SF	+ 64
	401 SF	81
TOTAL USABLE SF = 401 SF		
TOTAL OCCUPANTS = 81 OCC WITHOUT WHEELCHAIR		
WHEELCHAIRS: 1200 OCCUPANTS = 401/200 = 2 OCCUPANT WHEELCHAIR SF: 10 SF / OCC. = 2 X 10 = 20 SF		
NON-WHEELCHAIR OCCUPANTS: 81 - 2 = 79 OCCUPANTS		
TOTAL STORM SHELTER OCCUPANTS = 79 OCCUPANTS		
ICC500.503.1, 503.2, 503.3, 803.4, LOCATIONS OF ICC500 COMPLIANT DOORS NOTED ON STORM SHELTER PLAN AND DOOR SCHEDULE. SEE DOOR HARDWARE AND DOOR SPECIFICATIONS FOR LATCHING AND IMPACT REQUIREMENTS.		
ICC500.504, 508: SEE SIGNAGE PLANS AND LIFE SAFETY PLAN		
ICC500.601.1: 2 HR FIRE BARRIER WHERE ABUTTING BUILDING		
ICC500.602.1: (1) FIRE EXTINGUISHER REQUIRED; (1) PROVIDED		
ICC500.702.3, 1 TOILETS FOR FIRST 50 OCCUPANTS; 79/50 = 1 WATER CLOSETS REQUIRED; (1) PROVIDED		
ICC500.702.3: LAVATORY NOT REQUIRED IF <50 OCCUPANTS		
ICC500.702.9: (1) FIRST AID KIT PROVIDED (ANSISEA1 Z308.1) CLASS A		

TYP DOOR LEGEND		
NEW CONSTRUCTION	EXISTING	DEMOLITION
WALL TYPE LEGEND		

LIFE SAFETY PLAN LEGEND	
SYMBOL	DESCRIPTION
	ROOM OCCUPANCY LOAD TAG OCCUPANCY CLASSIFICATION MAX FLOOR AREA ALLOWANCES PER OCCUPANT ROOM AREA (SQUARE FEET) INDICATES SPACE IS SPRINKLERED (YES/NO) OCCUPANCY LOAD
	DOOR EGRESS TAG # OF OCCUPANTS ALLOWED TO EGRESS THRU OPENING PER CODE WIDTH REQUIRED WIDTH PROVIDED
	FIRE EXTINGUISHER ON WALL MOUNTED BRACKET.
	FIRE EXTINGUISHER IN CABINET.
	EXIT SIGN - SEE ELECTRICAL DRAWINGS.
	EXIT SIGN WITH EMERGENCY LIGHTS - SEE ELECTRICAL DRAWINGS.
	EMERGENCY LIGHT - SEE ELECTRICAL DRAWINGS.
	EGRESS PATH DISTANCE OF PATH
EMERGENCY LIGHTS ARE LOCATED OVER ALL EXTERIOR EXIT DOORS - SEE ELEC. DRAWINGS.	
CODE INFORMATION	
APPLICABLE CODES 2021 INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL FIRE CODE 2020 NATIONAL ELECTRICAL CODE (NFPA 70) 2021 INTERNATIONAL ENERGY CONSERVATION CODE 2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL FUEL GAS CODE 2021 INTERNATIONAL PLUMBING CODE 2021 INTERNATIONAL PROPERTY MAINTENANCE CODE 2020 ICC 500 (STORM SHELTER CODE)	
ALLOWABLE BUILDING HEIGHTS & AREAS - GROUP: B (PER IBC SECTION 304.1) R-2 (PER IBC SECTION 310.3) S-1 (PER IBC SECTION 311.3) - CONSTRUCTION TYPE: V (PER IBC SECTION 602.5)	
FIRE STATION BUILDING: ALLOWABLE AREAS - PER IBC TABLE 506.2: OCCUPANCIES: B - 36,000 SF R-2 - 28,000 SF S-1 - 30,000 SF ACTUAL AREA: 2,181 SF 3,945 SF 5,013 SF TOTAL: 11,939 SF	
ALLOWABLE STORIES - PER IBC TABLE 504.4: OCCUPANCIES: B - 3 R-2 - 3 S-1 - 2 ACTUAL STORIES: 1 1 1	
ALLOWABLE HEIGHT - PER IBC TABLE 504.3: OCCUPANCIES: B, R-2, S-1 = 75'-0" ACTUAL HEIGHT: 24'-0"	
FIRE RESISTANCE RATING REQUIREMENTS TYPE V-B CONSTRUCTION STRUCTURAL FRAME: 0 HR BEARING WALLS: 0 HR EXTERIOR: 0 HR INTERIOR: 0 HR NON-BEARING WALL & PARTITION: 0 HR INTERIOR: 0 HR FLOOR CONSTRUCTION: 0 HR INCLUDING SUPPORTING BEAMS & JOISTS: 0 HR ROOF CONSTRUCTION: 0 HR INCLUDING SUPPORTING BEAMS & JOISTS: 0 HR THE BUILDING FULLY IS SPRINKLERED THROUGHOUT IN ACCORDANCE WITH SECTION 903.3.1.1 (NFPA 13 SPRINKLER SYSTEM) AND 903.2.10.1 REQUIRED SEPARATION OF OCCUPANCIES (PER IBC 2021 TABLE 508.4) 1 HR SEPARATION BETWEEN B AND R-2 OCCUPANCY 1 HR SEPARATION BETWEEN R-2 AND S-1 OCCUPANCY	
MEANS OF EGRESS OCCUPANT LOADS: (IBC 2021 TABLE 1004.5) FIRE STATION BUILDING 150 SF PER OCCUPANT (B) 200 SF PER OCCUPANT (R-2) 300 SF PER OCCUPANT (S-1) 4,191 / 150 = 28 R OCCUPANTS 2,784 / 200 = 14 R-2 OCCUPANTS 4,965 / 300 = 17 S-1 OCCUPANTS TOTAL: 59 OCCUPANTS EXIT TRAVEL DISTANCE: (IBC 2021 TABLE 1017.2) (B) 300 FT MAX (WITH SPRINKLER SYSTEM) (R-2) 250 FT MAX (WITH SPRINKLER SYSTEM) (S-1) 250 FT MAX (WITH SPRINKLER SYSTEM) CORRIDOR RATING: (IBC 2021 TABLE 1002.2) NOT REQUIRED WITH A (NFPA 13) SPRINKLER SYSTEM DEAD END CORRIDOR: (IBC 2021 SECTION 1020.4) 50 FT MAX ALLOWED WITH BUSINESS (B), RESIDENTIAL (R-2), AND STORAGE (S-1) OCCUPANCY AND A (NFPA 13) SPRINKLER SYSTEM. EXIT REQUIREMENTS: (IBC 2021 TABLE 1006.3.3) 2 REQUIRED BUILDING: 6 PROVIDED	



- BUSINESS AREA - 4,191 SF
- RESIDENTIAL AREA - 2,784 SF
- STORAGE AREA - 4,965 SF

A1 LIFE SAFETY PLAN
1/8" = 1'-0"

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1151 JUNG'S STATION RD

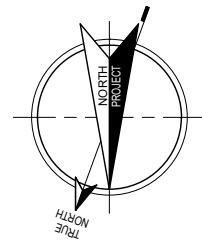
Proposed:
CENTRAL COUNTY FIRE &
RESCUE - HOUSE #6

LIFE SAFETY PLAN

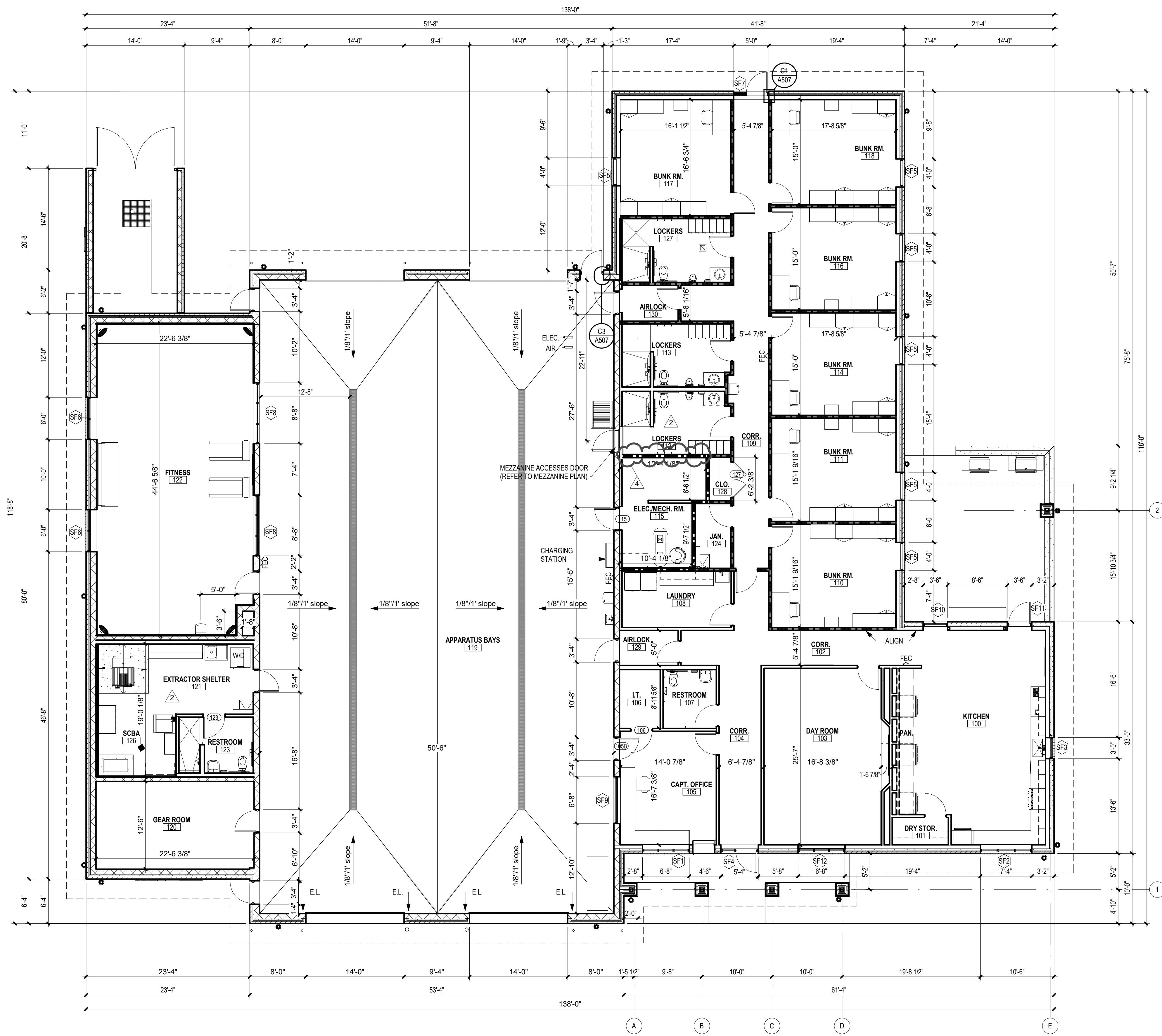
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Address: 04

No. 4

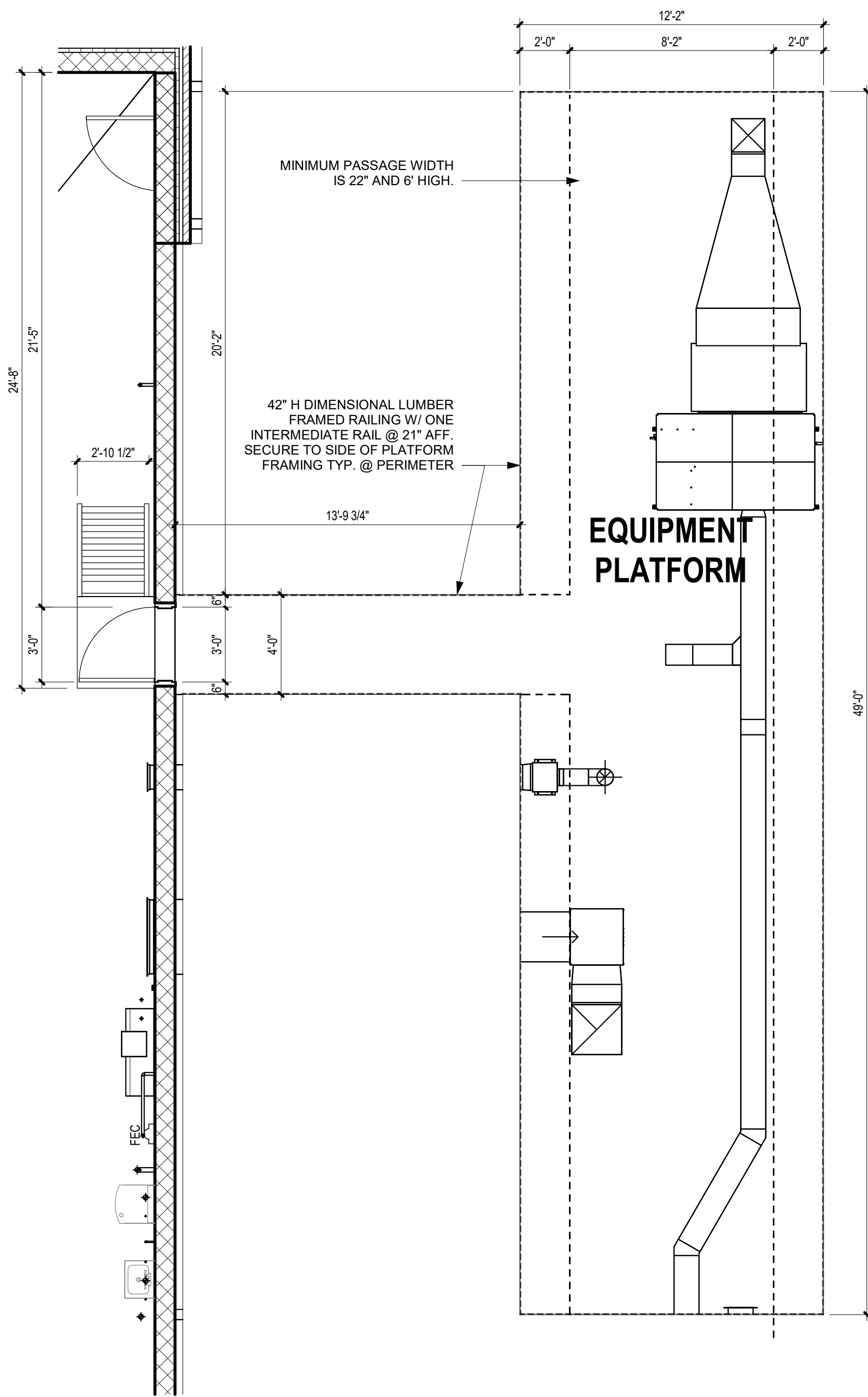
Project No. 24057
Sheet No. A004
Date: 2026/07/15



A1 DIMENSION FLOOR PLAN
1/8" = 1'-0"



A6 MEZZANINE DIMENSION PLAN
1/4" = 1'-0"



FLOOR PLAN GENERAL NOTES

1. REFERENCE GENERAL NOTES FOR ADDITIONAL APPLICABLE INFORMATION.
2. THE GENERAL CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND DIMENSIONS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES THAT MAY AFFECT THE WORK PRIOR TO COMMENCING CONSTRUCTION.
3. ALL DIMENSIONS ARE TO THE FINISH FACE OF NEW PARTITIONS AND TO FINISH FACE OF EXISTING INTERIOR PARTITIONS AND PERIMETER WALLS TO REMAIN UNLESS NOTED OTHERWISE.
4. INSTALL REDUCER STRIPS BETWEEN DIFFERENT FLOOR FINISH LEVELS AND FINISHES AS REQUIRED.
5. PATCH ALL PARTITIONS AFFECTED BY THE DEMOLITION OF INTERSECTING PARTITIONS.
6. THE GENERAL CONTRACTOR SHALL INSTALL REQUIRED WALL BLOCKING FOR ALL CASEWORK, SHELVING, AND EQUIPMENT. SEE DRAWINGS FOR EXACT LOCATIONS.
7. UNLESS NOTED OTHERWISE, ALL MATERIALS AND EQUIPMENT SHOWN ON THE DRAWINGS IS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
8. ALL INTERIOR DIMENSIONS ARE TO FINISHED FACE OF GYP. BD. UNLESS NOTED OTHERWISE.
9. PROVIDE PLASTIC DUST COVER TO PROTECT EQUIPMENT, FILES, ETC. WHERE REQUIRED.
10. MAINTAIN ALL NECESSARY COMMUNICATIONS AND FIRE PROTECTION SYSTEMS, EXIT CORRIDORS, AND ITEMS AFFECTING THE HEALTH AND SAFETY OF ALL OCCUPANTS AT ALL TIMES THROUGHOUT CONSTRUCTION.
11. MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK TO BE DESIGN-BUILD. INTENT OF THIS WORK IS REFLECTED ON THE DRAWINGS. IF SUCH WORK IS OUTSIDE OF THE PROJECT AREA, CONTACT THE OWNER FOR RESTRICTIONS THAT MAY APPLY TO THESE AREAS AND COORDINATE AND SCHEDULE ALL WORK. PROTECT ADJACENT AREAS, EQUIPMENT, ETC.
12. ALL BLOCKING SHALL BE FIRE TREATED.

Roy A. Manson

MO Architect License No. A-6661
Expires: 12/31/26

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Proposed:

**CENTRAL COUNTY FIRE &
RESCUE - HOUSE #6**

1151 JUNG'S STATION RD

ST. CHARLES, MO 63303

No.	Date	Revision
1	7/15/2026	Issued for RFP
2	7/15/2026	Issued for RFP
3	7/15/2026	Issued for RFP
4	7/20/2026	Issued for RFP

Project No.
24057

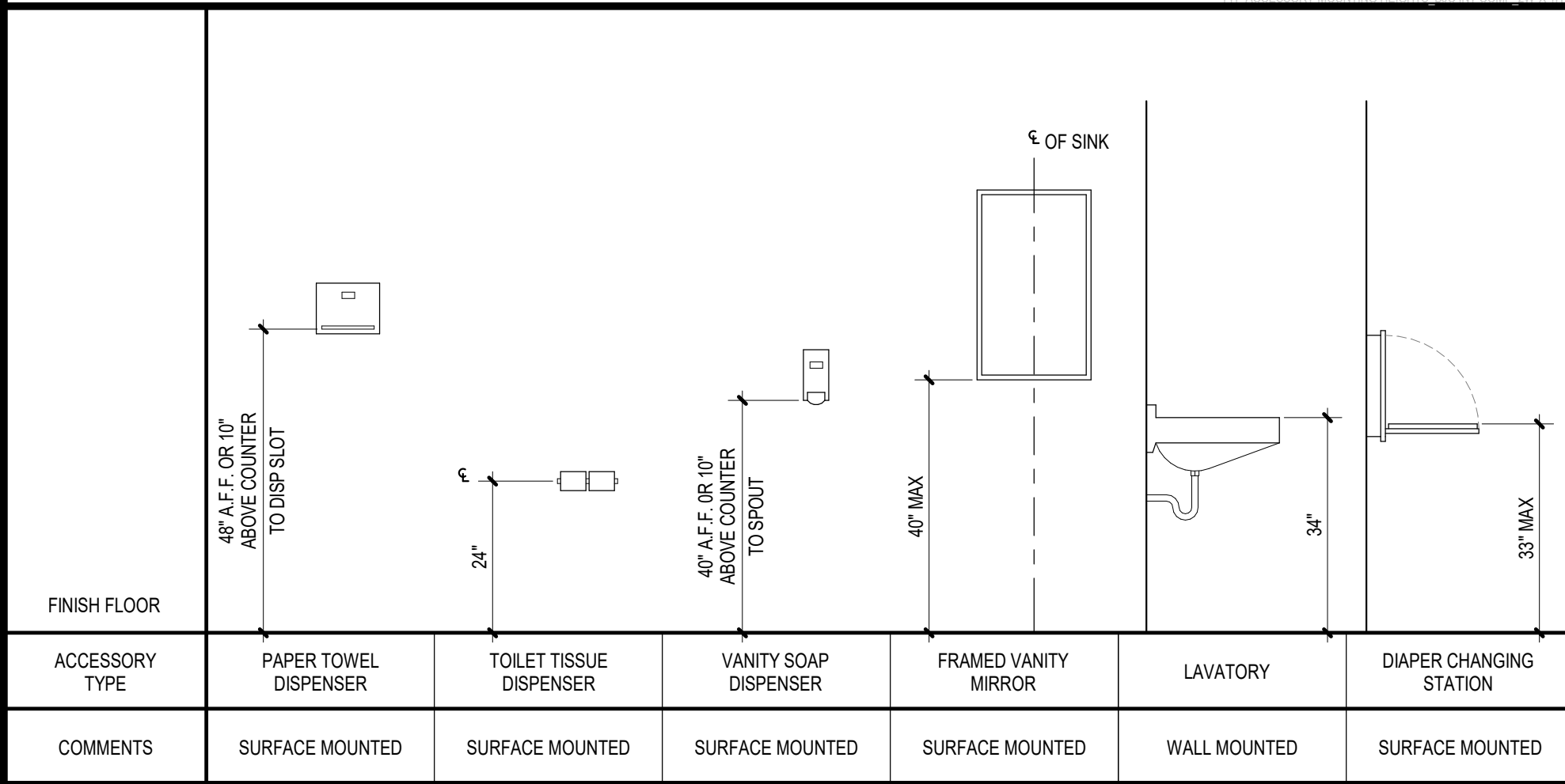
Sheet No.

A112

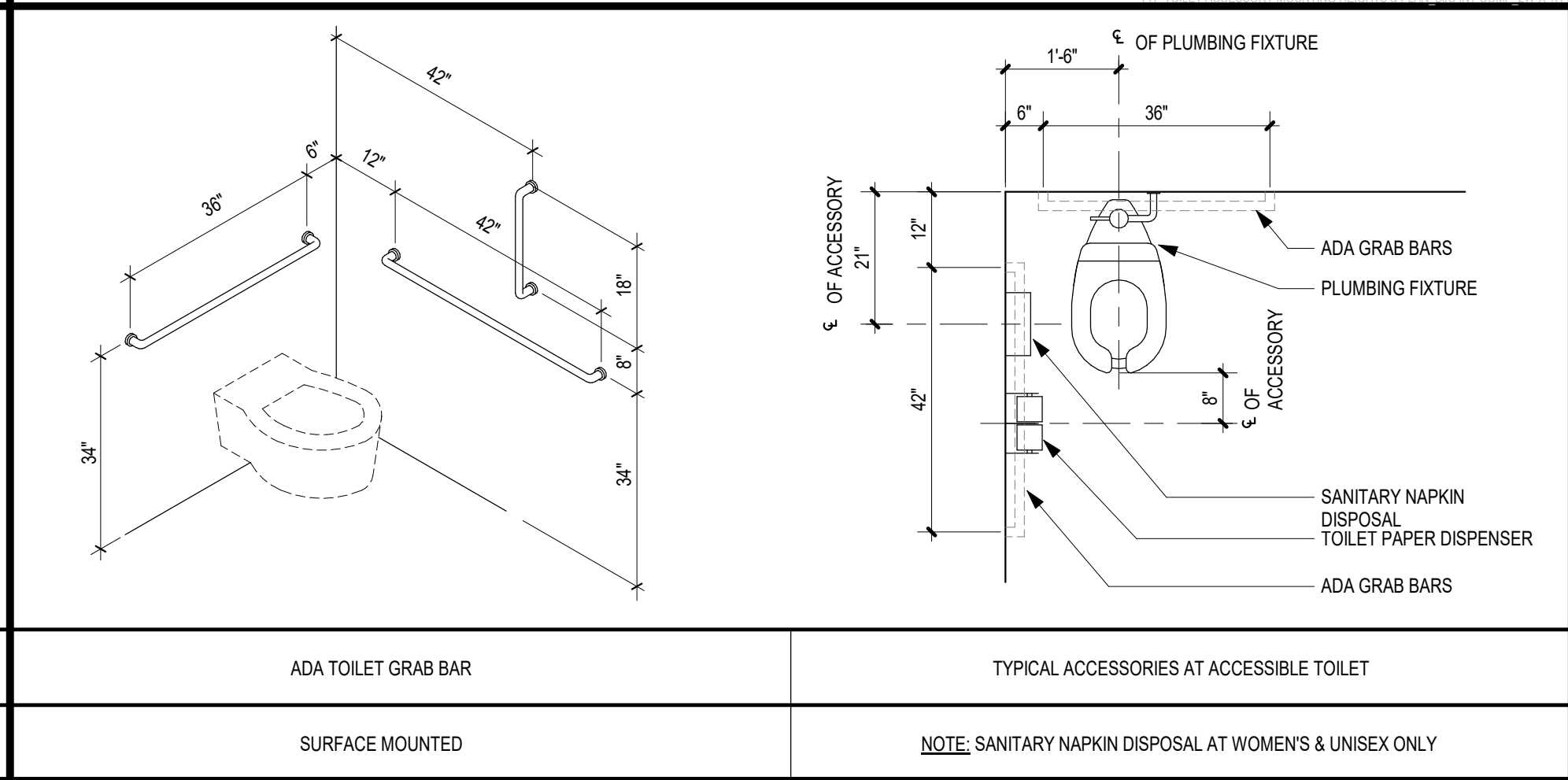
Date
2026/07/15

DIMENSION FLOOR PLAN

TYPICAL ACCESSORY MOUNTING HEIGHTS



TYPICAL TOILET ACCESSORY MOUNTING HEIGHTS & PLAN



TOILET ACCESSORIES REMARKS

1. SEE SPECIFICATIONS AND FINISH SCHEDULE FOR TOILET PARTITIONS AND/OR URINAL SCREENS.
2. SEE PLUMBING DRAWINGS FOR PLUMBING FIXTURE SPECIFICATIONS.
3. RODE HOOKS TO BE INSTALLED ON ALL TOILET PARTITION DOORS @+66\"/>
4. G.C. TO PROVIDE BLOCKING AT ALL TOILET PARTITIONS, URINAL SCREENS, GRAB BARS AND ACCESSORIES WHICH ARE WALL MOUNTED.

Toilet Accessory Schedule

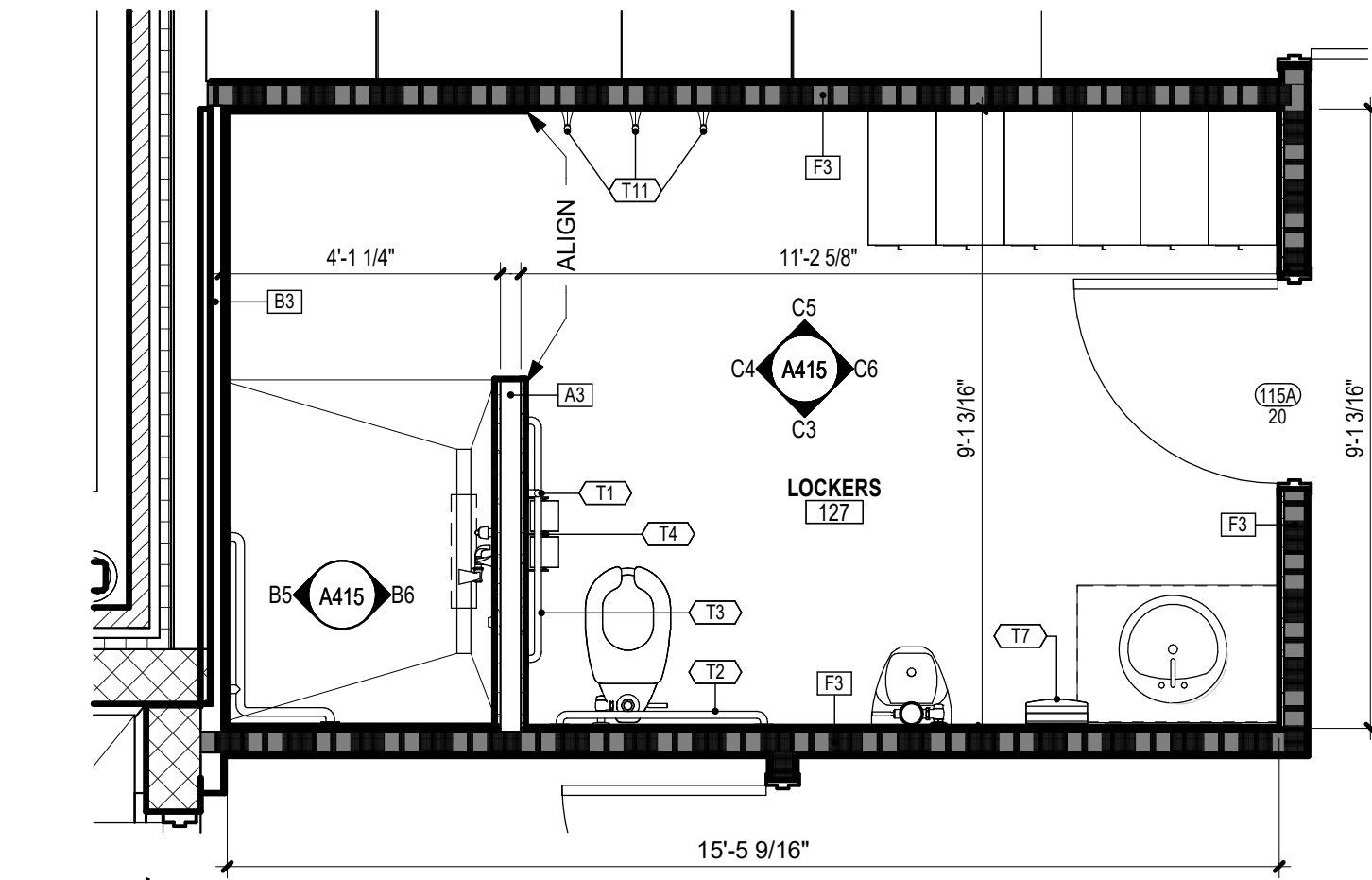
EQPT TYPE MARK	Description	Manufacturer	Model	MATERIAL	ACCESSORY FINISH	Comments
T1	18\"/>	BOBRICK	B-560X18	STAINLESS STEEL	SATIN	
T2	36\"/>	BOBRICK	B-560X36	STAINLESS STEEL	SATIN	
T3	42\"/>	BOBRICK	B-560X42	STAINLESS STEEL	SATIN	
T4	DOUBLE ROLL TOILET PAPER DISP.	BOBRICK	B7887	STAINLESS STEEL	BRIGHT POLISHED	
T7	Paper Towel Dispenser	BOBRICK	B-4282	STAINLESS STEEL	SATIN	
T8	<varies>	<varies>	<varies>	<varies>	<varies>	
T11	Rode Hook	Kohler Co.	K-35933-CP	METAL	POLISHED CHROME	
T22	Utility Shelf with Rag Hooks and Broom Holders	BOBRICK	B-239	STAINLESS STEEL	SATIN	

FLOOR PLAN GENERAL NOTES

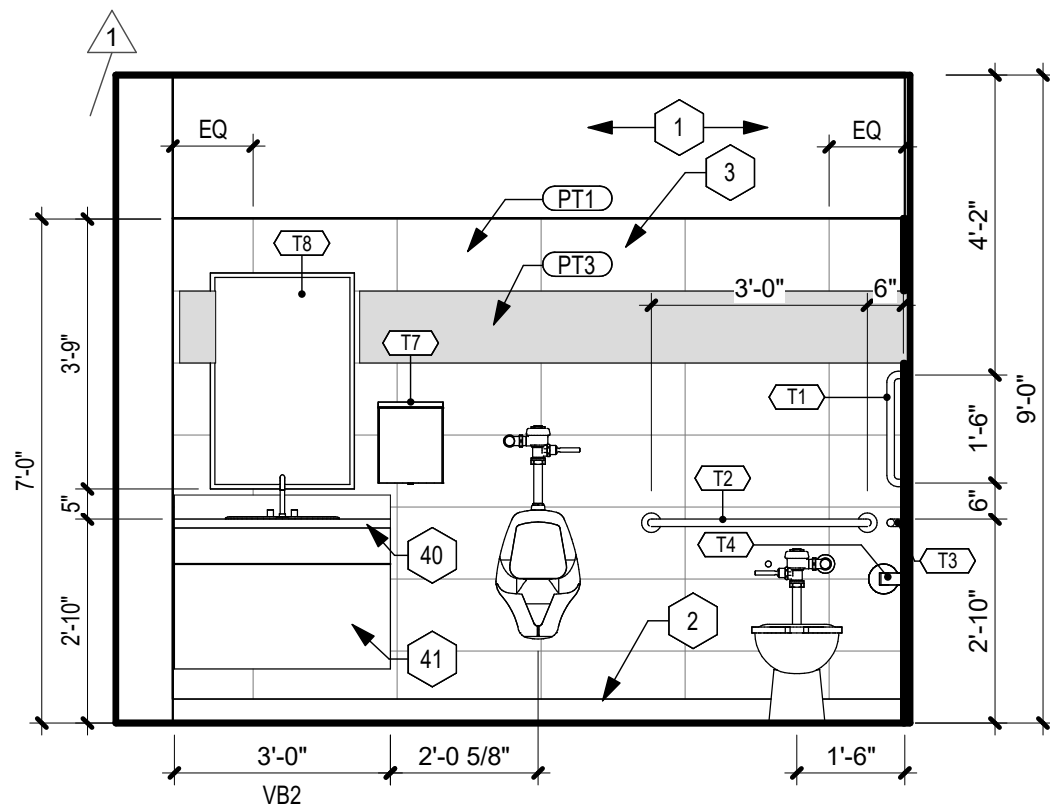
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12. ALL BLOCKING SHALL BE FIRE TREATED.

KEYED NOTES INT. ELEV.

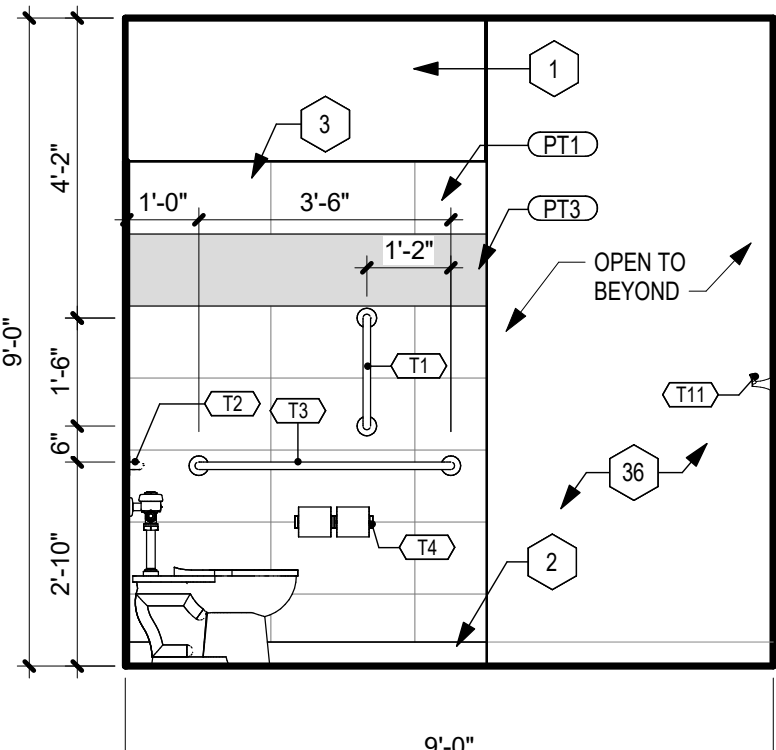
MARK	DESCRIPTION
1	PAIN AS SCHEDULED. SEE FINISH PLANS SCHEDULE.
2	BASE AS SCHEDULED. SEE FINISH PLANS SCHEDULE.
3	TILE WAINSCOT, HEIGHT AS INDICATED. TOPCAP SCHLUTER TR1
36	SOLID SURFACE PANELING, HEIGHT AS INDICATED. SEE FINISH SCHEDULE FOR MFR. COLOR, & FINISH.
38	PROVIDE AND INSTALL SINGLE TIER POWDERCOATED STEEL LOULVERED LOCKERS, SLOPE TOP & Z-BASE. HASP LOCK FOR OWNERS PADLOCKS. HADRAIN BRAND GLADIATOR MODEL ATHLETIC LOCKERS VENTED WITH DOOR OR APPROVED EQUAL. BY G.C. PROVIDE STANDARD COLOR CHART FOR DESIGNER SELECTION.
40	2\"/>
41	PLUM ADA VANITY BASE w/TH BACKSPLASH. SEE FINISH SCHEDULE FOR MORE INFORMATION.



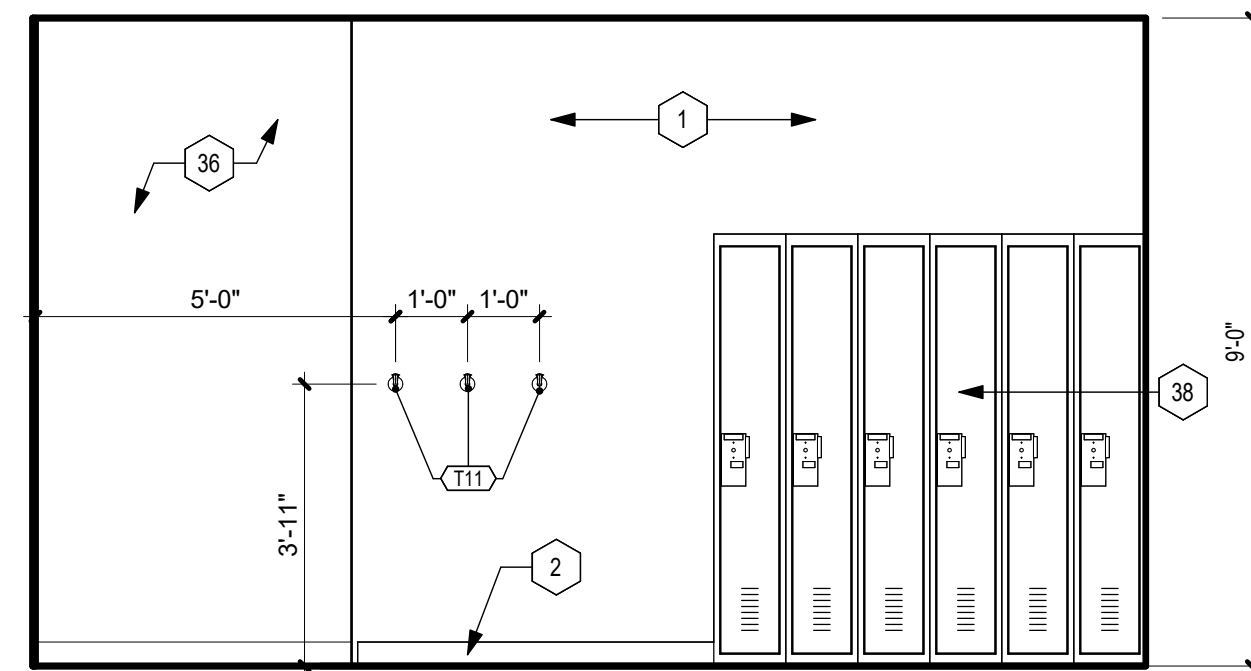
D1 ENLG. LOCKERS 127



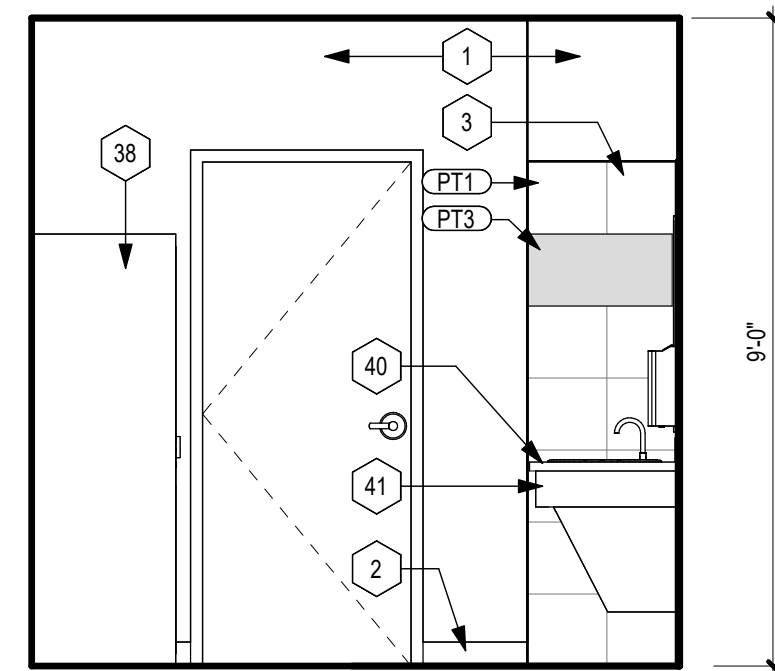
C3 LOCKER RM 113 & 127 SIMILAR



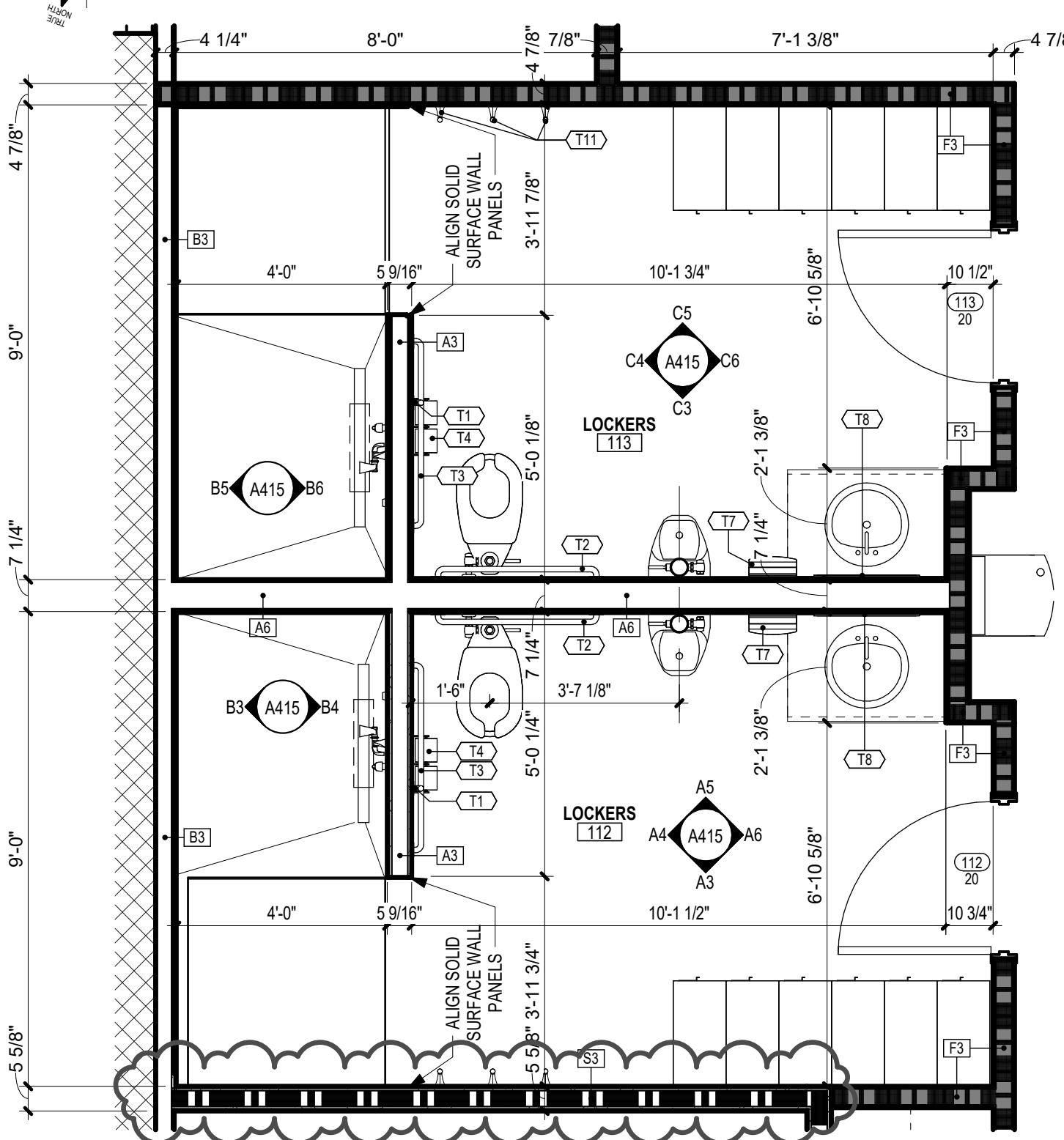
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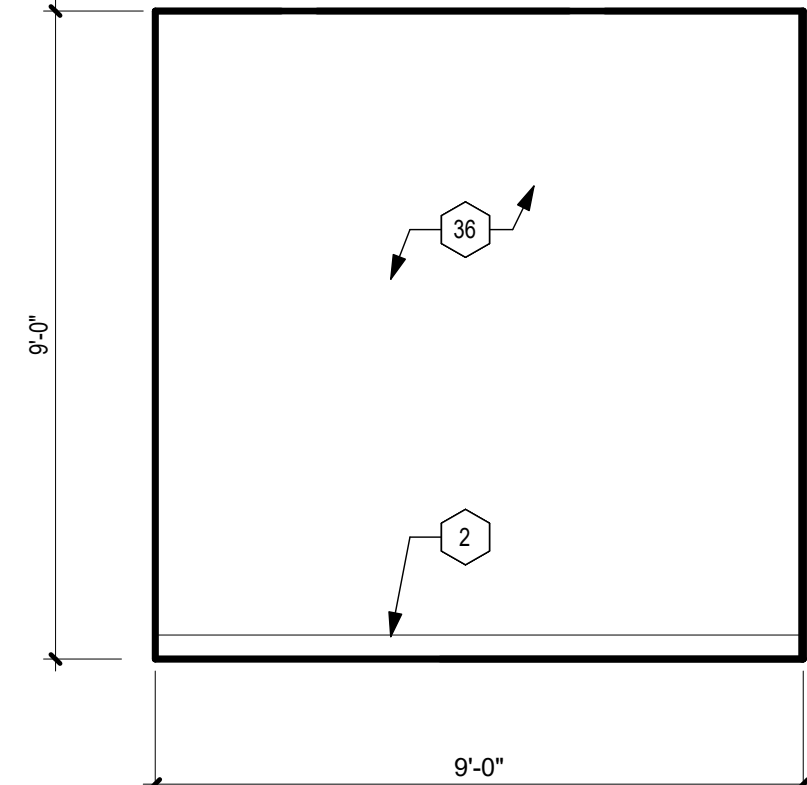
C5 LOCKER RM 113 & 127 SIMILAR



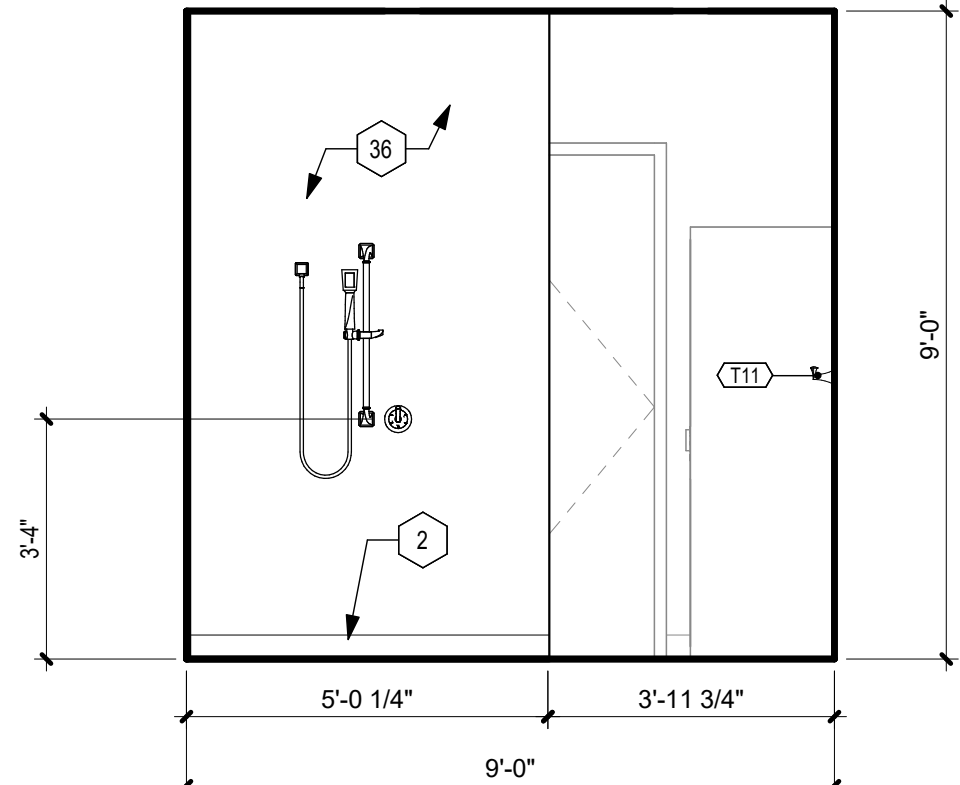
C6 LOCKER RM 113 & 127 SIM.



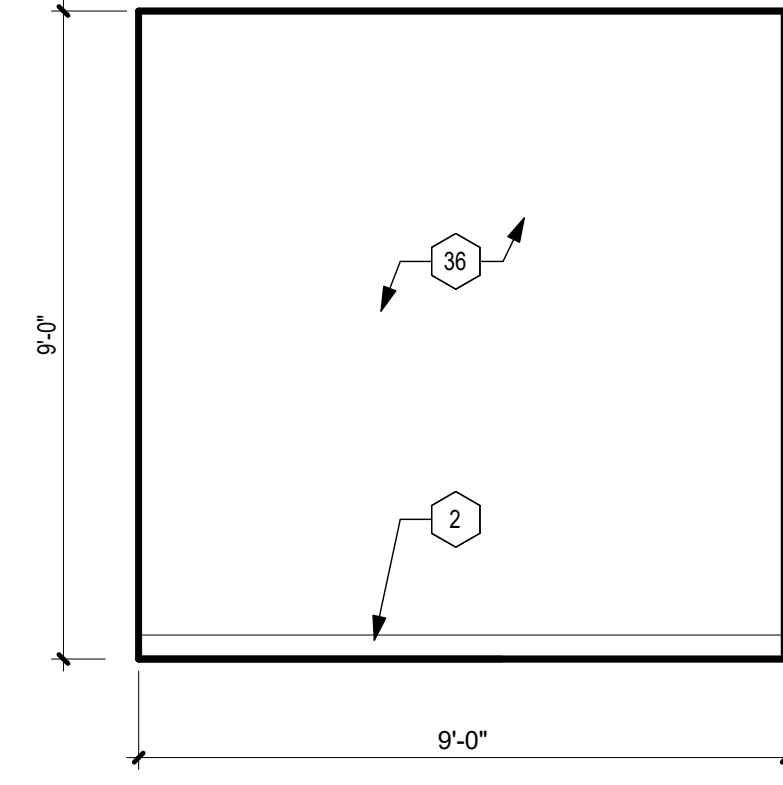
B1 ENLG. PLAN 112 & 113 LOCKERS



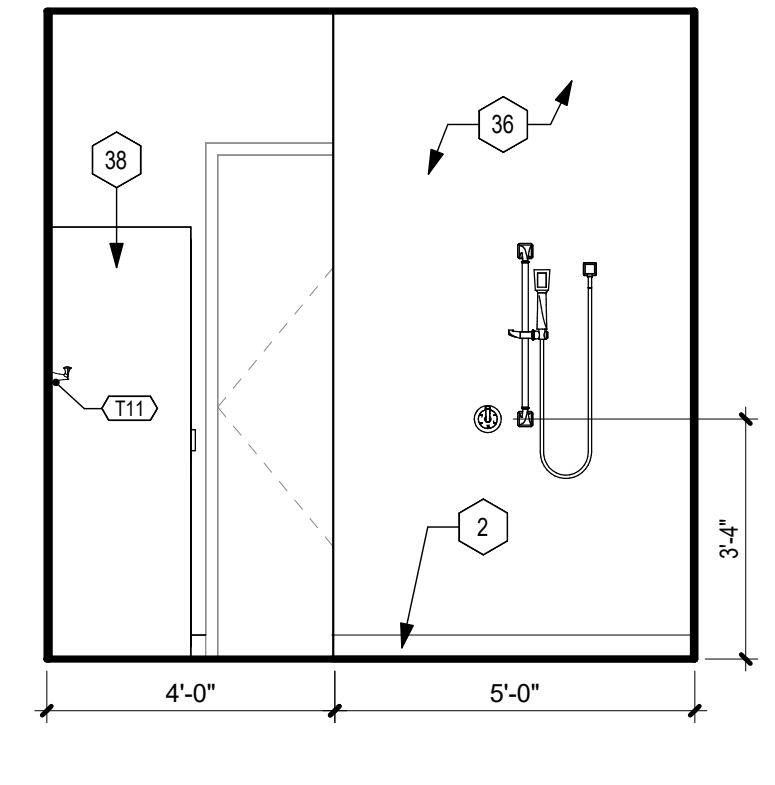
B3 LOCKER RM 112



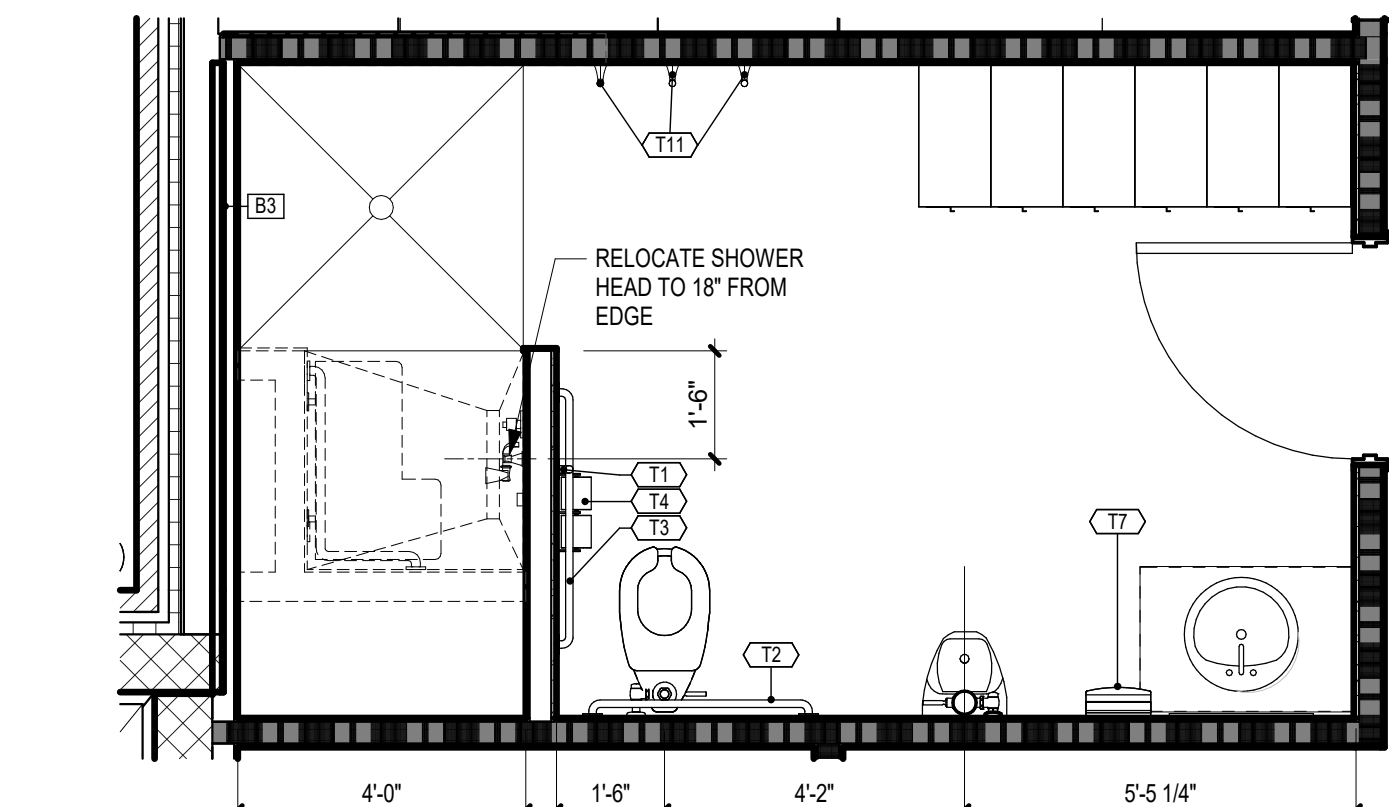
B4 LOCKER RM 112



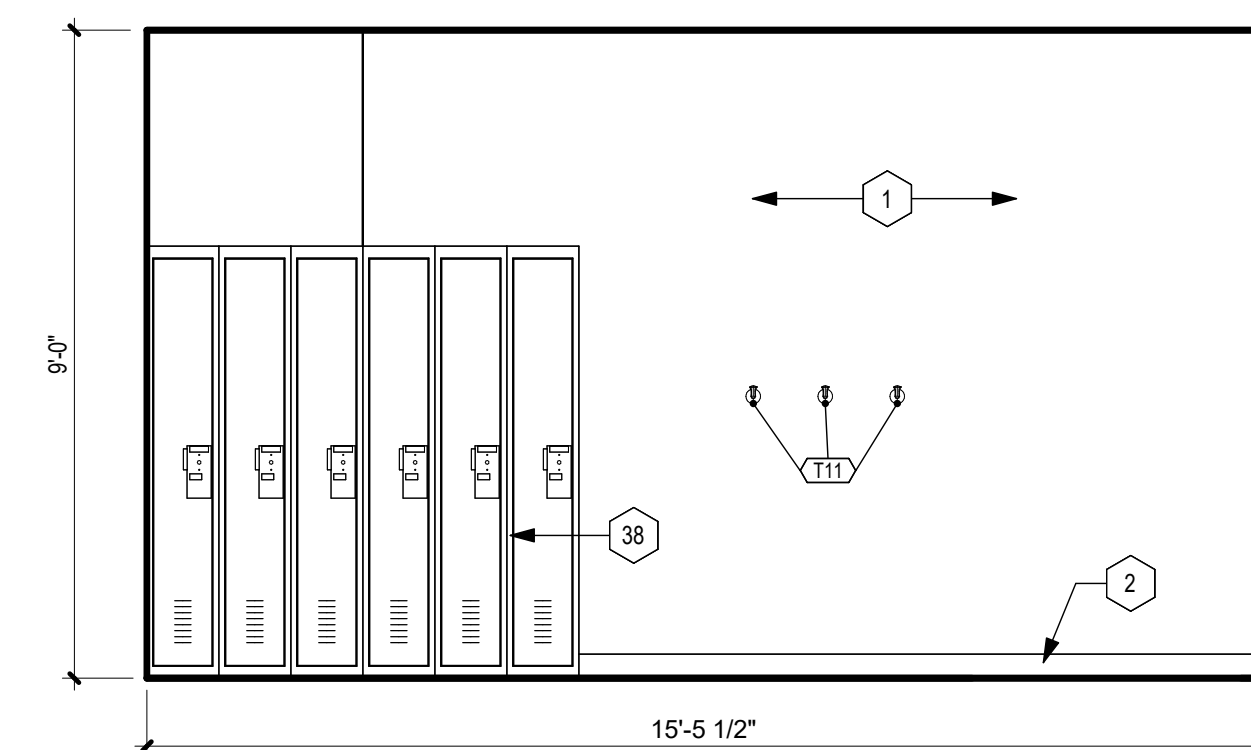
B5 LOCKER RM 113



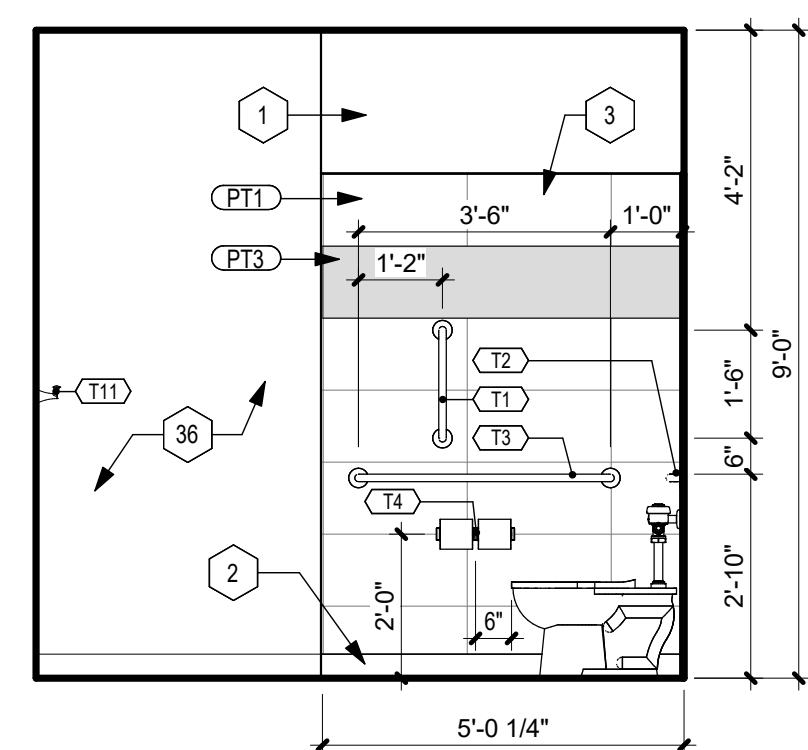
B6 LOCKER RM 113



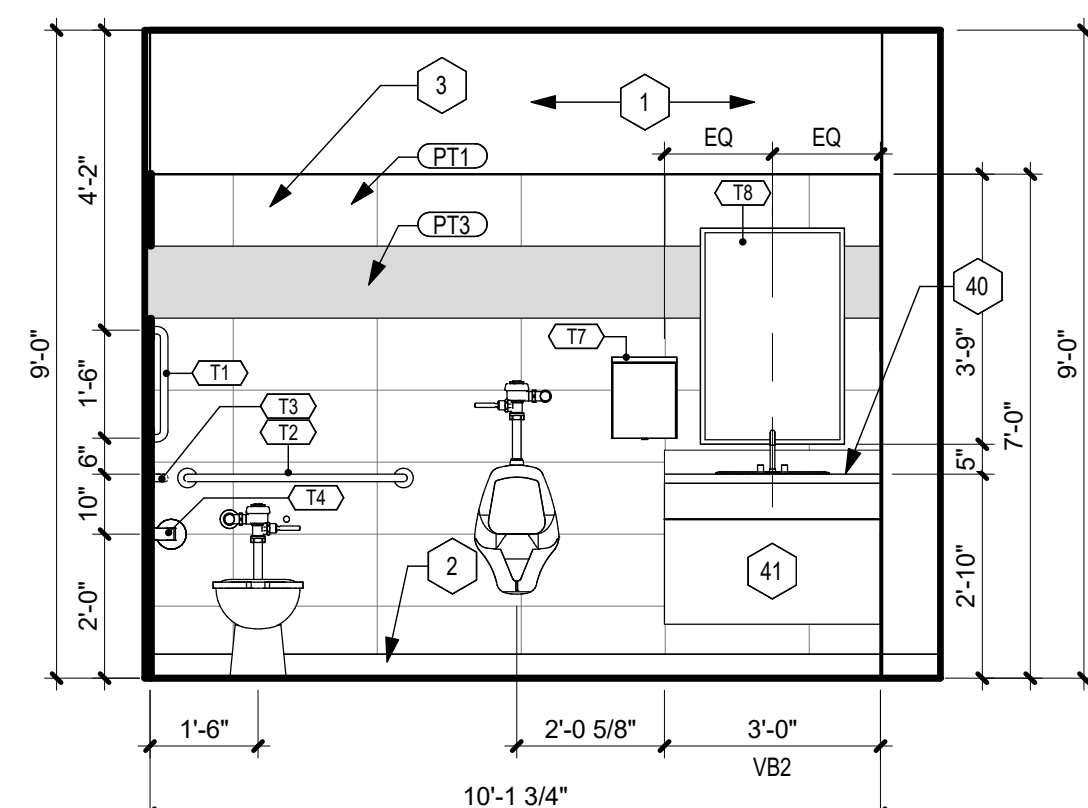
A1 FUTURE ADA RESTROOM CONVERSION



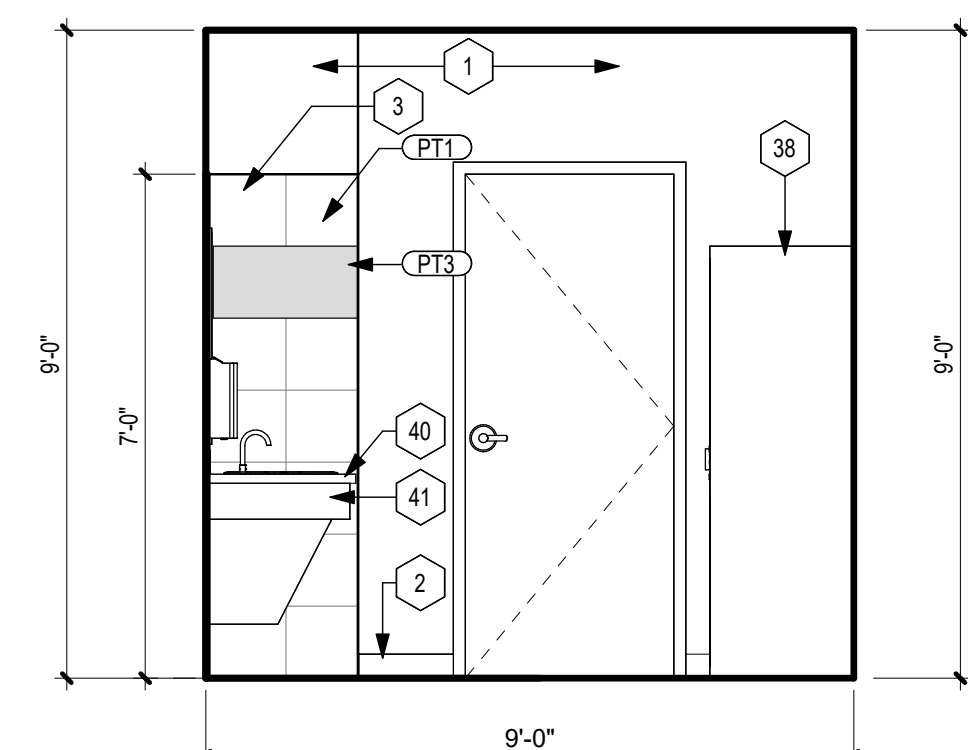
A3 LOCKER RM 112



A4 LOCKER RM 112

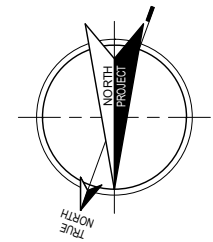


A5 LOCKER RM 112



A6 LOCKER RM 112

7/16/2026 3:01:16 PM
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A1 EQUIPMENT & FURNITURE PLAN
1/8" = 1'-0"



FURNITURE SCHEDULE				EQUIPMENT SCHEDULE			
MARK	DESCRIPTION	SUPPLY	INSTALL BY	EQPT TYPE MARK	QTY	EQUIPMENT	FURNISHED/INSTALLED
F1	BUNK ROOM DESK	O/O		E001	1	WASHER DRYER SIDE BY SIDE	O/C
F2	TASK CHAIR	O/O		E002	1	BABY BOX	O/C
F3	NIGHT STAND TABLE	O/O		E003	1	DOUBLE OVEN	O/C
F4	RECLINER CHAIR	O/O		E004	1	GAS COOKTOP RANGE	O/C
F5	STACKING SIDE CHAIR NO ARMS	O/O		E005	1	RANGE HOOD	O/C
F6	60" RECTANGULAR KITCHEN TABLE	O/O		E006	1	24" BUILT-IN DISHWASHER	O/C
F7	MURPHY BED	O/O		E007	3	REFRIGERATOR	O/C
F8	OFFICE CHAIR	O/O		E008	1	EXTRACTOR	O/C
F9	SIDE TABLE	O/O		E009	1	STACKABLE WASHER DRYER	O/C
				E010	1	SCBA BOTTLE FILL COMPRESSOR	O/O
				E011	1	SCBA TANK STORAGE	O/O
				E012	1	ROLLING TOOLBOX	O/O
				E013	1	WORK BENCH	O/O
				E014	1	STAIR STEPPER BY OWNER	O/O
				E015	2	TREADMILL BY OWNER	O/O
				E016	1	WEIGHT BENCH PRESS	O/O
				E017	1	DUMBBELL WEIGHT RACK	O/O
				E018	1	ICE BIN (500 LBS)	O/C
				E019	1	ICE MAKER - (550 LBS) CRESCENT CLUBER	O/C
				E020	24	FIRE GEAR STORAGE RACK	O/C
				E021	1	MICROWAVE	O/O
				E022	2	55" FLAT PANEL (TV) ALERT	O/O
				E023	1	TRASH CAN BY OWNER	O/O
				E024	1	COFFEE MAKE BY OWNER	O/O
				E025	18	METAL LOCKERS (SINGLE TIER)	O/C

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Proposed:
**CENTRAL COUNTY FIRE &
RESCUE - HOUSE #6**
1151 JUNG'S STATION RD
ST. CHARLES, MO 63303

No.	Date	Revision
1	7/16/2026	Architect 02
2	7/16/2026	Architect 04
3		
4		
5		
6		
7		
8		
9		
10		

Project No.
24057

Sheet No.
A701

Date
2026/07/15

EQUIPMENT & FURNITURE PLAN

INTERIOR FINISH SCHEDULE

ACOUSTICAL CEILINGS	EPOXY RESIN FLOORING	PAINT	PORCELAIN TILE
ACT1 ACOUSTICAL CEILING TILES - FIELD MFR: ARMSTRONG PATTERN: DUNE SECOND LOOK II ANGLED REGULAR MODEL: 2712 SIZE: 2'4" X 4'0" 1516" GRID COLOR: WHITE CONTACT: ELIZABETH MOON 816.218.2890	ERF EPOXY RESIN FLOORING & 4" INTEGRAL COVE BASE - LOCKER RMS MFR: TORINOUL SEAMLESS RESIN-BASED FLOORING SYSTEM POLYMER FLAKE OR APPROVED EQUAL STYLE: HYBRID FLOORING STONE SERIES COLOR: 404-HS CUSTOM BLEND TURQUOISE WITH REPLACING TURQUOISE CHIPS WITH INDIGO BLACK SW7602, FLAKE SIZES MIX OF 1/8" & 1/16". PROVIDE EXTRA COAT CLEAR SEALER NOTE: SHOWER FLOORS ONLY TO HAVE NON SKID ADDITIVE (FINE) CONTACT: JASON STEPHAN MISSOURI TERRAZZO 314.361.8990 NOTE: PROVIDE MOCKUP PANELS FOR COLOR & TEXTURE & APPROVAL FOR SHOWER FLOORS. CLEAR TOPCOAT.	P1 PAINT - WALLS - FIELD COLOR MFR: SHERWIN WILLIAMS FINISH: PROMAR ZERO VOC, EGGSHELL COLOR: SW7016 MINDFUL GRAY P2 PAINT - HM DOORS & DOOR FRAMES INDICATED AS "PAINT" ON DOOR SCHEDULE MFR: SHERWIN WILLIAMS SERIES: PNECATALE YZEZ WATERBASED EPOXY SINGLE COMPONENT FINISH: SEMI GLOSS COLOR: 7069 IRON ORE P3 PAINT - GYP. CEILINGS MFR: SHERWIN WILLIAMS FINISH: PROMAR ZERO VOC, FLAT FINISH COLOR: SW7005 PURE WHITE P4 PAINT - WALLS - ACCENT COLOR MFR: SHERWIN WILLIAMS FINISH: PROMAR ZERO VOC, EGGSHELL COLOR: SW7602 INDIGO BATH P5 PAINT - WALLS - ACCENT COLOR FITNESS MFR: SHERWIN WILLIAMS FINISH: PROMAR ZERO VOC, EGGSHELL COLOR: SW6584 POINTSETTA P6 PAINT - WALLS - ACCENT COLOR DAY ROOM MFR: SHERWIN WILLIAMS FINISH: PROMAR ZERO VOC, EGGSHELL COLOR: SW7075 WEB GRAY P7 PAINT - APP. BAY WALLS MFR: SHERWIN WILLIAMS SERIES: EPOXY, FINISH: SEMI GLOSS COLOR: SW7016 MINDFUL GRAY NOTE: ALL WALLS WITH EXPOSED CMU BLOCK TO HAVE BLOCK FILER & PRIMED PRIOR TO PAINTING P8 PAINT - APP. BAY CEILINGS MFR: SHERWIN WILLIAMS SERIES: DRYVALL, FINISH: EGGSHELL COLOR: SW7005 PURE WHITE P9 PAINT - GYP BD. CEILINGS TOILET ROOMS MFR: SHERWIN WILLIAMS FINISH: WATER BASED EPOXY, EGGSHELL COLOR: SW7005 PURE WHITE P10 PAINT - SAFETY STRIPES & COLUMNS MFR: SHERWIN WILLIAMS SERIES: 4844 PACOCOTE POLYASPARTIC TOPCOAT COLOR: CUSTOM MATCH SW8811 CONFIDENT YELLOW STRIPES LOCATIONS PER OWNER DIRECTION	PT1 PORCELAIN TILE - TOILET ROOMS WALLS STYLE: VIRGINIA TILE LANDMARK CERAMICS STYLE: MILESTONE, COLOR: NORTH WHITE SIZE: 12x24" INSTALL HORIZ. STACK BOND W/KNIFE JOINTS NO CUTTERS LESS THAN 3", INSTALL WITH GROUT GT1 & SCHLUTER TRIM ALL PERIMETER EDGES CONTACT: JILL PATTERSON 314-208-7962 PT2 PORCELAIN TILE - ADA TOILET RM FLOOR STYLE: VIRGINIA TILE LANDMARK CERAMICS STYLE: MILESTONE, COLOR: WEST BLACK SIZE: 12x24" INSTALL STACK BOND W/KNIFE JOINTS. INCLUDE CRACK ISOLATION MEMBRANE ALL CONTROL JOINTS. NO CUTTERS LESS THAN 3". INSTALL WITH GROUT GT2 & SCHLUTER TRIM ALL PERIMETER EDGES. BASE ON WALLS WITHOUT WAINSCOT. CUT TILE 4"x24" CAP WITH SCHLUTER TRIM CONTACT: JILL PATTERSON 314-208-7962 PT3 PORCELAIN TILE - MOSAIC KITCHEN BACKSPLASH, TOILET RM ACCENT STYLE: DAL TIE COLOR: GREY BLACK BLEND INSTALL HORIZ. WITH GROUT GT1 & SCHLUTER TRIM ALL PERIMETER EDGES. CONTACT: TARETHA CURRY 314.687.3860
BASE	FIBERGLASS REINFORCED PANELS		
B1 VINYL BASE - FIELD MFR: TARKETT JOHNSTONE STYLE: SIZE 4 HIGH COVE PROFILE, 1/8" GAUGE, 4'-0" LENGTHS COLOR: 63 BURNT UMBER	FRP FRP PANELS MFR: CRANE COMPOSITES STYLE: GLASSBOND W/SURFASAL, PEBBLE EMBOSSED TEXTURE COLOR: 48 PEARL GRAY, SIZE: 4'X10' SHEET, CLASS A, GAUGE: 0.09" INCLUDE ALL TRIM CAPS & CORNER BEADS.		
CARPET	GROUT		
CP1 CARPET - ENTRY WALK OFF - VESTIBULE MFR: MOHAWK PATTERN: ASSERTIVE STRIA #04839 COLOR: 26202 STEELWORK, SIZE: 24"x24" INSTALL METHOD: VERTICAL ASHLAR CONTACT: AMY ELLIS 314.348.7677 CP2 CARPET - BUNK & DAY ROOM MFR: MOHAWK PATTERN: CONCRETE BLOOM GT383 COLOR: 668 WILDWOOD DARK, SIZE: 13'x36" INSTALL METHOD: BRICK LAY BACKING: STANDARD WITH ECOFLEX ONE CONTACT: MEGAN CAMPOS 557.222.8948	G11 WALL GROUT MFR: MAPEI STYLE: KERAPoxy CQ COLOR: 5093 WARM GRAY NOTE: KNIFE GROUT JOINT G12 FLOOR GROUT MFR: MAPEI STYLE: KERAPoxy CQ COLOR: 5047 CHARCOAL NOTE: KNIFE GROUT JOINT		
SEALING			
SC SEALED CONCRETE FLOOR WITH DENSIFIERS REFER TO ARCHITECTURAL SPECIFICATIONS			
SOLID SURFACE			
SS1 SOLID SURFACE - COUNTERTOPS KITCHEN MFR: CAMBRIA COLOR: DELICATE, GAUGE 3 CM, EASED EDGES, MITRE CORNERS NOTE: KITCHEN SUBMOUNT STAINLESS SINK. PROVIDE KITCHEN SINK CUTOUTS TO OWNER FOR CUTTING BACKSPLASH FINISH EDGES SMOOTH. VANITY SUBMOUNT WHITE PORCELAIN SINK. PROVIDE SEAMING DIAGRAM TO DESIGNER FOR APPROVAL CONTACT: AUSTIN RYAN 314-324-2143 SS2 SOLID SURFACE - SHOWER WALL SURROUNDS & WINDOW SILLS MFR: WILSONART COLOR: WHITE STONE 9208CS, GAUGE: 1/2", EASED EDGES NOTE: JOINT ADHESIVE BUTT SEAM PANELS. PROVIDE SEAMING DIAGRAM TO DESIGNER FOR APPROVAL. INCLUDE FUTRUS SOLID SURFACE SHOWER ACCESSORY INFINITY CORNER SOAP DISH MODEL# FISOAP. COLOR: CANOE WHITE. INSTALL HEIGHT: TBD. FOLLOW ALL MANUFAC. GUIDELINES FOR INSTALLING WET LOCATION VERTICAL PANELS.			
SPECIALTY FINISH			
SFP1 SPECIALTY FINISH - CUSTOM VINYL WALL APPLIQUE FITNESS MFR: ALUPANEL STYLE: CUSTOM DIGITALLY PRINTED DESIGN, MULTI-COLOR SEE ELEVATIONS. MULTI-COLOR CUSTOM DESIGNS TO BE DETERMINED BY ARCHITECT. WALL TO BE FINISHED TO LEVEL 5 FINISH PRIOR TO INSTALL. CONTACT: KELLY FORD 636.391.3888 SFP2 SPECIALTY FINISH - ACOUSTICAL WALL PANELS DAY ROOM MFR: ALUPANEL STYLE: SMOKED OAK, VERTICAL SLATS, BLACK PET BACKED FOLLOW ALL MANUFACTURER'S INSTALL INSTRUCTIONS CONTACT: ERIN FERNANDES 314-276-2199 SFP3 SPECIALTY FINISH - CUSTOM VINYL GLASS APPLIQUE - VESTIBULE ADDRESS NUMBERS MFR: INFINITE OPTICS QUALITY GLASS STYLE: 811 WHITE OPAQUE VINYL APPLIQUE, FONT: HELVETICA BOLD CONFIRM NUMBERS WITH OWNER, CENTER ON GLASS TRANSOM WINDOW. TO BE LEGIBLE FROM THE STREET. PROVIDE MOCKUP FOR APPROVAL. CONTACT: KELLY FORD 314.495.5676 SFP4 SPECIALTY FINISH - TEMPERED MIRROR PANELS FITNESS, OUTSIDE EDGES POLISHED, BUTT SEAM PANELS & SECURELY MOUNT TO WALLS. REFER TO ELEVATIONS SFP5 SPECIALTY FINISH - BLACKOUT WINDOW FILM - DAY RM COLOR: BLACK SOLIX SWIN-BLACKOUT, #1204 MFR: INFINITE OPTICS QUALITY GLASS CONTACT: KELLY FORD 314.495.5676			
PLASTIC LAMINATE			
PL1 PLASTIC LAMINATE - VERTICAL DOORS & DRAWERS & WARDROBE MFR: WILSONART TRACELESS STYLE: SMOKY VELVET ELM #15604-31 VERTICAL GRAIN DIRECTION INCLUDE MATCHING 1MM PVC EDGE BANDING NOTE: PROVIDE SOFT CLOSER ALL DOORS AND DRAWERS PL2 PLASTIC LAMINATE - COUNTERTOPS MFR: FORMICA HPL STYLE: 9257-58 BLACK SHALESTONE MATTE TEXTURE INCLUDE MATCHING 3MM PVC EDGE BANDING PL3 PLASTIC LAMINATE - DAY ROOM CABINETS MFR: FORMICA DECOMETAL COLLECTION STYLE: 4254 BRUSHED BLACK ALUMINUM VERTICAL GRAIN DIRECTION NOTE: PROVIDE SOFT CLOSER ALL DOORS AND DRAWERS PL4 PLASTIC LAMINATE - OFFICE DOORS & DRAWERS MFR: FORMICA STYLE: 525-NO WALNUT RIFTWOOD, NATURAL GRAIN TEXTURE VERTICAL GRAIN DIRECTION NOTE: PROVIDE SOFT CLOSER ALL DOORS AND DRAWERS PL5 PLASTIC LAMINATE - COUNTERTOPS MFR: WILSONART HPL STYLE: 4878-38 PEWTER MESH, FINE VELVET FINISH INCLUDE MATCHING 3MM PVC EDGE BANDING PL6 PLASTIC LAMINATE - FLOATING VANITIES MFR: FORMICA COMPACT STYLE: 9257-58 BLACK SHALESTONE BLACK CORE PHENOLIC GAUGE: 3/4" NOTE: PROVIDE SOFT CLOSER ALL DOORS AND DRAWERS			
TRANSITIONS/FLOORING ACCESSORIES			
TR1 TRANSITION PORCELAIN TILE PERIMETER EDGES MFR: SCHLUTER PATTERN: SCHENE, NOTE SIZES VARY FOR FLOOR & WALLS COLOR: SATIN ANODIZED ALUMINUM TR2 TRANSITION - CARPET TO ERF MFR: JOHNSONITE PATTERN: SLT-43-1 COLOR: BURNT UMBER TR3 TRANSITION - CARPET TO CONCRETE MFR: JOHNSONITE PATTERN: CTA-63-J COLOR: BURNT UMBER TR4 TRANSITION PORCELAIN TILE TO ERF MFR: SCHLUTER PATTERN: RENO SLOPED COLOR: SATIN ANODIZED ALUMINUM TR5 TRANSITION - SPORTS FLOOR TO CONCRETE MFR: JOHNSONITE PATTERN: CTA-63-P COLOR: BURNT UMBER FLOORING CONTRACTOR TO CONFIRM HEIGHTS OF MATERIALS AND APPROPRIATE TRANSITION/REDUCER STRIP MODEL			
WALL PROTECTION			
WP1 WALL PROTECTION - CORNER GUARDS OUTSIDE CORNERS GYP BOARD WALLS, MATCH FIELD COLOR P1 MFR: INPRO STYLE: TAPE ON, 1-1/2"x1-1/2" WING, 4'-0" HEIGHT COLOR: 0380 GALA INCLUDE ADDING SILICONE BEAD FOR ADDED SUPPORT EACH LOCATION. CONTRACTOR TO CONFIRM ALL QUANTITIES			
WINDOW TREATMENTS			
WT1 WINDOW TREATMENTS - ROLLER SHADES - SOLAR SHADES MFR: SWF WINDOW FASHIONS STYLE: CROSSHATCH S1000, 3% OPENNESS SHADE/CLOTH COLOR: CROSSHATCH S380 A2038 ECRONY, FASCIA: 875 CLEAR ANODIZED, TRUE PERFORMANCE MANUAL SHADES, INSIDE MOUNT, STAINLESS PULL CHAIN CONTACT: DUSTIN PALMER GOLTERMAN & SABA 314.336.2142 WINDOW SILLS SOLID SURFACE SDS2 WT2 WINDOW TREATMENTS - ROLLER SHADES BLACKOUT - BUNKROOMS MFR: SWF WINDOW FASHIONS STYLE: ENTERPRISE, 100% BLACKOUT SHADE/CLOTH COLOR: C1034 LIGHT GREY FASCIA: 875 CLEAR ANODIZED TRUE PERFORMANCE MANUAL SHADES, INSIDE MOUNT, STAINLESS PULL CHAIN WINDOW SILLS SOLID SURFACE SDS2			
WOOD			
WD1 WOOD DOORS MFR: MASONITE ASPRO SERIES SPECIES: WHITE MAPLE PLAIN SLICED COLOR: COCOA BEAN			
WOOD CABINETRY			
WDC1 WOOD CABINETRY - KITCHEN MFR: KRAFTMAID OR APPROVED EQUAL SPECIES: MAPLE, PL WOOD CABINET CONSTRUCTION PANEL STYLE: TRIMMILL FULL OVERLAY DOOR STYLE NOTE: PROVIDE SOFT CLOSER ALL DOORS AND DRAWERS PROVIDE A MOUNT SPACE RACK KIT (ONE) INSIDE OF EACH PANTRY DOOR. PROVIDE AND INSTALL DIGI LOCKS ASPRE SERIES EACH TALL PANTRY DOOR.			

INTERIOR FINISH GENERAL NOTES

- INTERIOR FINISH MATERIALS SHALL COMPLY WITH THE FLAME SPREAD & SMOKE DEVELOPMENT LIMITATION USED IN CHAPTER 8 OF THE INTERNATIONAL BUILDING CODE.
- ALL INTERIOR WALL COVERINGS MUST COMPLY WITH THE FOLLOWING: CLASS 1, FLAME SPREAD RATING 0-25 ASTM-E-84 PER FINISH SHEET.
- G.C. TO SUBMIT ALL FINISHES IN MATERIAL SAMPLE FORM TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS - NO INTERNET OR COPY FORM SUBMITTALS WILL BE APPROVED.
- ALL WALLS TO BE PAINTED P1 AND ALL INTERIOR DOOR FRAMES TO BE PAINTED P2 UNLESS NOTED OTHERWISE. REFER TO FLOOR FINISH PLAN FOR ACCENT PAINT LOCATIONS. ALL PAINTED SURFACES TO RECEIVE (1) PRIME COAT AND A MINIMUM OF (2) FINISH COATS PER PAINT COLOR. DARKER ACCENT COLORS TO RECEIVE (3-4) FINISH COATS FOR OPTIMAL COVERAGE.
- REFER TO REFLECTED CEILING PLAN FOR CEILING SYSTEM TYPES AND SOFFIT ACCENT PAINT COLOR LOCATIONS. ALL EXPOSED FACES OF SOFFITS TO BE PAINTED INCLUDING UNDERSIDE. ALL GYP. BD. CEILINGS TO BE PAINTED P3 UNLESS NOTED OTHERWISE.
- REFER TO FLOOR PLAN FOR ADJUSTABLE SHELVING LOCATIONS. ADJUSTABLE SHELVING SHALL BE HEAVY DUTY WHITE MELAMINE SHELVES WITH WHITE PVC EDGES MOUNTED ON WHITE HEAVY DUTY WALL MOUNTED STANDARDS WITH WHITE ADJUSTABLE HEAVY DUTY BRACKETS UNLESS NOTED OTHERWISE.
- ALL BUILT-IN CASEWORK TO BE VERIFIED AND COORDINATED WITH OWNER, G.C. TO SUBMIT SHOP DRAWINGS TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS.
- ALL HARDWARE TO BE BRUSHED STAINLESS STEEL FINISH UNLESS NOTED OTHERWISE.
- ALL FLOORING TO RUN FROM PARTITION TO PARTITION AND CENTER FLOORING IN DOOR OPENINGS AS REQUIRED, TYPICAL THROUGHOUT.
- PROVIDE APPROPRIATE ADA COMPLIANT TRANSITION/REDUCER STRIPS TO MATCH FLOORING AT ALL FLOORING MATERIAL TRANSITIONS AS NEEDED UNLESS NOTED OTHERWISE.
- ALL FLOORING PATTERN/GRAIN TO RUN IN THE SAME DIRECTION THROUGHOUT UNLESS NOTED OTHERWISE. SEE FINISH FLOOR PLAN.
- SEE FINISH FLOOR PLAN FOR WALL PROTECTION LOCATIONS. WAINSCOTS AND CORNER GUARDS WHERE NOTED TO BE INSTALLED SO THAT BOTTOM EDGE ALIGNS WITH TOP EDGE OF SPECIFIED BASE. TYPICAL THROUGHOUT. CHAIR RAIL AND RULER RAIL LOCATIONS AND HEIGHTS TO BE VERIFIED WITH OWNER/TENANT FURNITURE PRIOR TO INSTALLATION.
- SUBMIT SHOP DRAWINGS FOR ALL WINDOW TREATMENTS TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS.
- PROVIDE (2) BOXES OF EACH CARPET TILE FOR OWNER'S FUTURE MAINTENANCE.

FINISH PLAN LEGEND

- SYMBOL DENOTES:
- WALL FINISH
 - FLOOR FINISH
 - BASE FINISH
 - FLOOR MATERIAL CHANGE
 - CARPET PATTERN / TILE / LVT DIRECTION

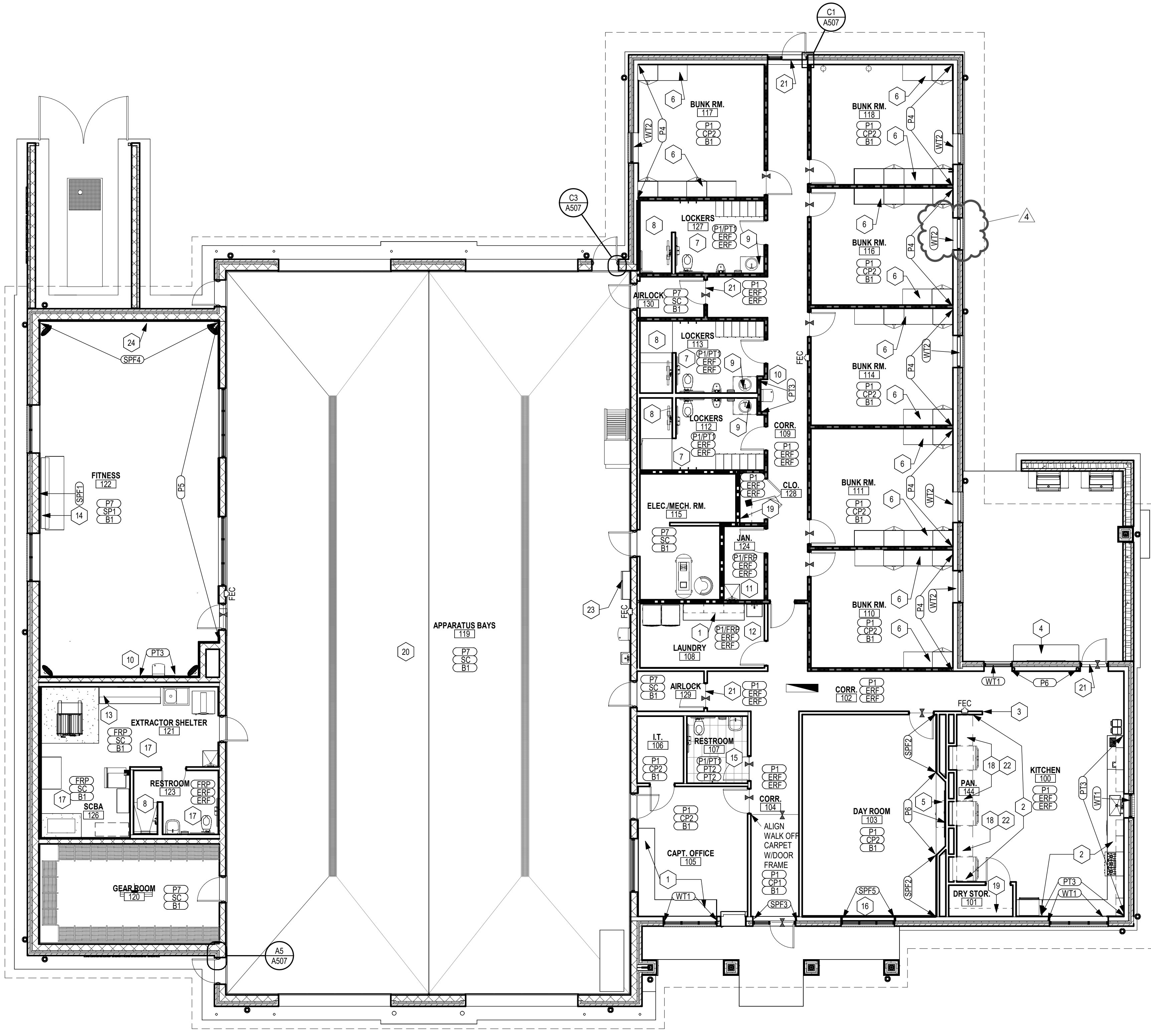
NOTE: * INDICATES THAT FINISH VARIES. REF. ELEVATIONS AND FINISH PLAN FOR ADDL. INFO

KEYED NOTES FINISH FLOOR PLAN

MARK	DESCRIPTION
1	PLASTIC LAMINATE BASE CABINETS & WALL CABINETS AS INDICATED PL4, COUNTERTOP & BACKSPLASH PL2. ANGLED METAL SUPPORT BRACKETS AS REQUIRED. SEE ELEVATIONS
2	KITCHEN CUSTOM WOOD BASE & WALL & TALL PANTRY CABINETS AND ISLAND WDC1, COUNTERTOPS BACK & SIDE SPLASHES SOLID SURFACE SDS1, UNDERMOUNT STAINLESS SINK AT COFFEE BAR & KITCHEN SINK, MOSAIC TILE BACKSPLASH, STAINLESS STEEL PANEL BACKSPLASH AT RANGE. SEE ELEVATIONS
3	PROVIDE & INSTALL CORNER GUARDS WP1
4	PROVIDE & INSTALL STAINLESS STEEL BASE CABINETRY AND 25" STAINLESS COUNTERTOP WITH RADIUS EDGE AND 4" STAINLESS BACKSPLASH AT OUTDOOR PATIO.
5	DAYROOM BASE CABINETS PL3, COUNTERTOP SDS1.
6	CUSTOM BUILT IN BUNKROOM WARDROBE & MURPHY BED CABINET BY OWNER
7	INDV. RESTROOM. INSTALL PORCELAIN TILE WAINSCOT PT1 WET WALL & SIDE WALLS AT TOILET. HEIGHT AS INDICATED. TOP CAP & OUTSIDE EDGES TRIM TR1. INCLUDE ACCENT RIBBON OF WALL TILE PT3. PAINT ABOVE TILE ALL WALLS. CONCRETE BACKER BOARD AT TILE AND MOISTURE RESISTANT GYP BOARD ALL WALLS & CEILING. REFER TO ELEVATIONS FOR ADDL. INFORMATION
8	SHOWERS: FULL HEIGHT VERTICAL WALL PANELS SDS2 ALL WALLS & OUTSIDE FACE OF WING WALLS. SEAL ALL PERIMETER EDGES W/TRANSLUCENT SEALANT. SHOWER FLOORS CONTINUE ERF FLOOR INTO SHOWER AREA
9	VANITIES: SOLID SURFACE TOP 4" BACK AND SIDE SPLASHES SDS1. UNDERMOUNT WHITE PORCELAIN SINK. BOWL AND FLOATING PHENOLIC BASE CABINET PL6
10	DRINKING FOUNTAIN BACKSPLASH PT3 SEE ELEVATIONS
11	JANITOR FRP WAINSCOT AROUND ROOM ALL WALLS. 50" H. INSTALL 48" W. HORIZONTALLY ON TOP OF BASE. INSTALL WITH TRIM & CORNER PIECES. CLEAR BEAD OF SEALANT WHERE FRP MEETS MOP SINK
12	LAUNDRY: FRP WAINSCOT AROUND ROOM ALL WALLS SEE ELEVATIONS
13	PLASTIC LAMINATE BASE CABINETS PL4, COUNTERTOP & BACKSPLASH SOLID SURFACE SDS2. ANGLED METAL SUPPORT BRACKETS AS REQUIRED.
14	STAINLESS STEEL WALL SHELVES ABOVE. SEE ELEVATIONS
15	PUBLIC RESTROOM: INSTALL PORCELAIN TILE WAINSCOT PT1 WET WALL & SIDE WALLS AT TOILET. HEIGHT AS INDICATED. TOP CAP & OUTSIDE EDGES TRIM TR1. INCLUDE ACCENT RIBBON OF WALL TILE PT3 ON WALLS WITHOUT WAINSCOT. CUT FLOOR TILE 4'x24" H. INSTALL AS BASE & TOPCAP WITH TR1. PAINT ABOVE TILE ALL WALLS. CONCRETE BACKER BOARD AT TILE AND MOISTURE RESISTANT GYP BOARD ALL WALLS & CEILING. REFER TO ELEVATIONS FOR ADDL. INFORMATION
16	PROVIDE & INSTALL BLACKOUT FILM OVER DAYROOM WINDOW GLASS BEFORE GYP BOARD COVERING
17	EXTRACTOR: FRP FULL HEIGHT AROUND ROOM ALL WALLS. SEE ELEVATIONS
18	KITCHEN SPICE RACK KIT BY KRAFTMAID, 3-1/4" DEEP WITH THREE FIXED SHELVES, INCLUDES MOUNTING HARDWARE. INSTALL INSIDE LEFT DOOR OF EACH TALL PANTRY CABINET
19	STORAGE/CLOSETS PROVIDE & INSTALL 12" HEAVY DUTY MELAMINE SHELVING 5 HIGH WALL-TO-WALL ON HEAVY DUTY ADJUSTABLE STANDARDS & BRACKETS
20	APP. BAYS PAINT SAFETY STRIPES ON THE FLOOR & COLUMNS P10 VERIFY LOCATIONS WITH OWNER DIRECTION
21	PROVIDE SAWCUT TERMINATION AT LEADING EDGE OF ERF TO CONCRETE
22	KITCHEN PANTRY CABINETS REFER TO DIGILOCK QUOTE #0020960 FOR ASPRE KEYPAD FUNCTIONALITY & ACCESSORIES TO BE INCLUDED.
23	CHARGING STATION: PLASTIC LAMINATE PHENOLIC BASE CABINETS PL6, COUNTERTOP & FULL HEIGHT BACKSPLASH & SHELVES SURFACE SDS2 SEE ELEVATIONS & SECTION
24	FITNESS: INSTALL THE SPORTS FLOOR UP THE WALL UNDER THE MIRRORS AS INDICATED REFER TO ELEVATIONS

A1 FLOOR FINISH PLAN

1/8" = 1'-0"



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7/20/2026

4

115 JUNG'S STATION RD

Project No.

24057

Sheet No.

1101

Date

2026/07/15

FINISH FLOOR PLAN, FINISH SCHED.

CENTRAL COUNTY FIRE & RESCUE - HOUSE #6

ST. CHARLES, MO 63303

7/19/2026 3:01:17 PM

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LIGHT FIXTURES:

	A = FIXTURE TYPE b = SWITCH LEG EL = PANEL 1 = CIRCUIT NUMBER
	2x4 LIGHT FIXTURE
	2x4 LIGHT - EMERGENCY
	2x2 LIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
	2x2 LIGHT FIXTURE
	2x2 LIGHT - EMERGENCY
	2x2 LIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
	CIRCLE DOWNLIGHT FIXTURE
	CIRCLE DOWNLIGHT - EMERGENCY
	CIRCLE DOWNLIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
	CIRCLE DOWNLIGHT - WALL WASH FIXTURE
	SQUARE DOWNLIGHT FIXTURE
	SQUARE DOWNLIGHT - EMERGENCY
	SQUARE DOWNLIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
	SQUARE DOWNLIGHT - WALL WASH FIXTURE
	INDUSTRIAL STRIP LIGHT FIXTURE
	EXTERIOR FLOOD LIGHT
	POLE LIGHT FIXTURE
	BOLLARD
	BOLLARD - EMERGENCY
	EXIT SIGN - CEILING MOUNTED (WITH DIRECTIONAL ARROW) (SHADE INDICATES # OF FACES)
	EXIT SIGN - WALL MOUNTED (WITH DIRECTIONAL ARROW) (SHADE INDICATES # OF FACES)
	EMERGENCY LIGHT PACK WITH BATTERY (86" A.F.F.)
	SCONCE
	WALL PACK - EXTERIOR
	TRACK LIGHTING
	CEILING FAN

LIGHTING DEVICES:

	DAYLIGHT HARVEST SENSOR
	PHOTOCELL
	CEILING OCCUPANCY SENSOR
	VS = VACANCY SENSOR OC = OCCUPANCY SENSOR
	CEILING OCCUPANCY SENSOR MULTI DIRECTION
	TOGGLE SWITCH SINGLE POLE (48" A.F.F.) a = SWITCH LEG (LOWER CASE LETTERS)
	TOGGLE SWITCH THREE WAY
	TOGGLE SWITCH FOUR WAY
	DIMMER SWITCH
	KEY OPERATED SWITCH
	SWITCH WITH PILOT LIGHT ON WHEN SWITCH IS ON
	TIMER SWITCH
	WEATHERPROOF SINGLE POLE SWITCH
	OCCUPANCY SENSOR WALL MOUNTED WITH OFF-AUTO OVERRIDE SWITCH
	VACANCY SENSOR WALL MOUNTED
	DATA LINE SWITCH / LIGHTING CONTROL OVERRIDE SWITCH (48" A.F.F.)

DATA DEVICES:

	DATA OUTLET (18" A.F.F.) c = 6" ABOVE COUNTER BACKSPLASH 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS
	DATA OUTLET IN FLOOR
	SURFACE RACEWAY DATA OUTLET 3' ON CENTER
	HDMI OUTLET (18" A.F.F.) UNO c = 6" ABOVE COUNTER BACKSPLASH 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS W = MOUNT 48" A.F.F.
	HDMI OUTLET IN FLOOR
	TELEPHONE OUTLET (18" A.F.F.) c = 6" ABOVE COUNTER BACKSPLASH 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS W = MOUNT 48" A.F.F.
	TELEPHONE OUTLET IN FLOOR
	TELEPHONE/DATA OUTLET (18" A.F.F.) c = 6" ABOVE COUNTER BACKSPLASH 2 = NUMBER EQUALS TOTAL NUMBER OF DATA PORTS 1 = NUMBER EQUALS TOTAL NUMBER OF PHONE PORTS
	TELEPHONE/DATA OUTLET IN FLOOR
	TELEVISION OUTLET (88" A.F.F.)
	WIRELESS ACCESS POINT

CONDUIT:

	CONDUIT EXPOSED
	CONDUIT CONCEALED IN FLOOR, BELOW SLAB OR BELOW GRADE
	CONDUIT CONCEALED IN WALL OR CEILING
	TELEPHONE CONDUIT
	TELEVISION CONDUIT
	CONDUIT DOWN
	CONDUIT UP
	CONDUIT SLEEVE INSULATED BUSHING EACH END
	WIRE IN CONDUIT LEFT TO RIGHT 1 GROUND, 1 NEUTRAL, 3 PHASE CONDUCTORS
	HOME RUN A = PANEL A 1,3 = CIRCUITS 1,3
	CABLE TRAY
	FEEDER A
	GROUND JACK
	PULL BOX
	HAND HOLD

ELECTRICAL FIXTURES:

	SIMPLE RECEPTACLE (18" A.F.F.)
	DUPLEX RECEPTACLE (18" A.F.F.)
	GFI DUPLEX RECEPTACLE (18" A.F.F.)
	QUADPLEX RECEPTACLE (18" A.F.F.)
	GFI QUADPLEX RECEPTACLE (18" A.F.F.)
	EMERGENCY RECEPTACLE (18" A.F.F.)
	COUNTERTOP RECEPTACLE (6" ABOVE COUNTER)
	TAMPER RESISTANT RECEPTACLE (18" A.F.F.)
	FLOOR RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE (18" A.F.F.)
	JUNCTION BOX
	JUNCTION BOX IN FLOOR
	SURFACE RACEWAY DUPLEX OUTLET 3' ON CENTER
	POWER POLE
	POWER SUPPLY
	POWER WHIP

SECURITY DEVICES:

	ACCESS CONTROL HEAD-END
	AREA OF RESCUE ANNUNCIATOR
	AREA OF RESCUE ASSISTANCE CALL STATION
	CAMERA
	CARD READER
	CCTV HEAD-END
	CCTV MONITOR
	DOOR CONTACT
	ELECTRIC DOOR STRIKE
	ELECTRIC DOOR HARDWARE
	GLASS BREAK DETECTOR - WALL MOUNTED
	GLASS BREAK DETECTOR - CEILING MOUNTED
	KEYPAD
	MAGNETIC LOCK
	MOTION DETECTOR - WALL MOUNTED
	MOTION DETECTOR - CEILING MOUNTED
	PROXIMITY READER ACCESS CONTROL
	PANIC BUTTON
	REFRIGERATOR ALARMS
	REQUEST TO EXIST MOTION DETECTOR
	ELECTRIC/PNEUMATIC SWITCH
	LIMIT SWITCH
	MEDICAL GAS ALARM

COMMUNICATION DEVICES:

	ANTENNA
	DOOR BELL
	INTERCOM MASTER
	INTERCOM SLAVE
	MICROPHONE OUTLET
	MICROPHONE OUTLET IN FLOOR
	PROGRAM BELL SYSTEM
	PUBLIC ADDRESS SYSTEM
	PUSH PLATE
	SOUND EQUIPMENT PANEL
	SPEAKER - CEILING MOUNTED
	SPEAKER - SURFACE MOUNTED
	SPEAKER - WALL MOUNTED
	HORN SPEAKER
	VOLUME CONTROL (48" A.F.F.)

FIRE ALARM DEVICES:

	COMBINATION HORN STROBE FIRE ALARM - WALL MOUNTED (90" A.F.F., MINIMUM 6" BELOW CEILING) 110 = CANDELA RATING
	HORN FIRE ALARM - WALL MOUNTED (90" A.F.F.)
	BELL ALARM - WALL MOUNTED (1" BELOW CEILING) CH = CHIME G = GONG
	STROBE FIRE ALARM - WALL MOUNTED (90" A.F.F., MINIMUM 6" BELOW CEILING) 110 = CANDELA RATING
	COMBINATION HORN STROBE FIRE ALARM - CEILING MOUNTED 110 = CANDELA RATING
	HORN FIRE ALARM - CEILING MOUNTED
	STROBE FIRE ALARM - CEILING MOUNTED 95 = CANDELA RATING
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL (60" A.F.F.)
	FIRE ALARM DIGITAL COMMUNICATOR
	DOOR HOLDER
	MANUAL PULL STATION (48" A.F.F.)
	DUCT DETECTOR
	DUCT DETECTOR SWITCH
	HEAT DETECTOR
	SMOKE DETECTOR
	FIRE SUPPRESSION ALARM
	FIREMANS TELEPHONE OUTLET
	FIRE ALARM FLOW SWITCH
	FIRE ALARM TAMPER SWITCH
	FIRE ALARM MONITOR MODULE
	FIRE ALARM CONTROL MODULE
	POST INDICATING VALVE
	NETWORK / CELL DIGITAL COMMUNICATOR
	CARBON MONOXIDE DETECTOR
	CARBON DIOXIDE DETECTOR
	GENERATOR ANNUNCIATOR

ELECTRICAL EQUIPMENT:

	ELECTRIC METER
	GENERATOR
	PANELBOARD
	DISTRIBUTION PANELBOARD
	TRANSFORMER
	AUTOMATIC TRANSFER SWITCH
	MANUAL TRANSFER SWITCH
	UNINTERRUPTIBLE POWER SOURCE
	MULTIMETER
	SURGE PROTECTOR DEVICE
	UTILITY POLE
	MOTOR WITH DESIGNATION
	MANUAL MOTOR STARTER
	DISCONNECT SWITCH
	COMBINATION STARTER
	MOTOR STARTER
	WEATHER HEAD
	SOLENOID VALVE
	VARIABLE SPEED DRIVE
	ANTENNA - TELEMETRY

ABBREVIATIONS:

A.F.F.	ABOVE FINISH FLOOR
C	CONDUIT
6"	6" ABOVE COUNTER BACKSPLASH
USB	USB OUTLET
WP	WEATHERPROOF
GFI	GROUND FAULT INTERRUPTER
GRS	GALVANIZED RIGID STEEL
EMT	ELECTRICAL METAL TUBING
AC	ALTERNATING CURRENT
MC	METAL CLAD CABLE
PVC	POLYVINYL CHLORIDE CONDUIT
IG	ISOLATED GROUND
XFMR	TRANSFORMER

STATION 6 NETWORK NOTES:

- CAT6 WALL LOCATIONS SHALL BE TERMINATED INTO A STANDARD WALL PLATE AT DESK HEIGHT AND HOME RUN TO THE MAIN IT ROOM (106)
 - CAT6 TV LOCATIONS AS INDICATED SHALL HAVE CAT6 DROP TV HEIGHT AND HOME RUN TO THE MAIN IT ROOM (106)
 - ACCESS POINTS SHALL BE CEILING MOUNTED WITH CAT6 THAT HOME RUNS TO THE MAIN IT ROOM (106). WITH THE EXCEPTION OF THE APPARATUS BAY, AP BAY SHALL BE WALL MOUNTED AT 12-14 FT HEIGHT (ALLOWS FOR EASIER SERVICEABILITY).
 - DRAWING ASSUMES CAT6 CABLEING SHALL BE INCLUDED AT PHONE LOCATIONS, BOTH DESK PHONES AND WALL MOUNT PHONES
 - ALL CAT6 CABLEING SHALL BE HOME RUN TO TERMINATE ON PATCH PANEL
- HARDWARE:** OWNER VENDOR SUPPLIED, INSTALLED BY THIS SCOPE OF WORK
- NETWORK RACK FOR MAIN IT CLOSET
 - WIRELESS ACCESS POINTS
- HARDWARE:** OWNER VENDOR (FEATHERSHARK) SUPPLIED AND INSTALLED
- NETWORK ROUTER
 - NETWORK SWITCHES
 - PHONE HARDWARE
 - NETWORK UPS
- HARDWARE:** PROVIDED (FURNISHED AND INSTALLED) BY THIS SCOPE OF WORK
- CABLING, MOUNTS, HOOKS
 - 48 PORT CAT 6 PATCH PANEL

STATION 6 DOOR ACCESS NOTES:

- EACH DOOR WITH AN ELECTRONIC LOCK SHALL BE PROVIDED WITH 184 CABLE FROM THE STRIKE TO THE IT ROOM (106). CABLE SHALL BE PROVIDED AND TESTED BY THIS CONTRACT.
 - EACH CARD READERS SHALL BE CONNECTED WITH A CAT6 CABLE THAT HOME RUNS TO THE MAIN IT ROOM (106)
 - INTERCOM VIEWERS SHALL BE WALL MOUNTED IN THE HALLWAY AND CONNECTED WITH CAT6 CABLEING THAT HOME RUNS TO THE MAIN IT ROOM (106)
 - ALL CAT6 CABLEING SHALL HOME RUN AND TERMINATE ON PATCH PANEL
- HARDWARE:** OWNER'S VENDOR SUPPLIED, INSTALLED BY THIS SCOPE OF WORK
- DOOR READERS
 - DOOR READER JUNCTION/MOUNTING BOXES
 - INTERCOM VIEWER
- HARDWARE:** PROVIDED (FURNISHED AND INSTALLED) BY THIS SCOPE OF WORK:
- CABLING, MOUNTS, HOOKS
 - ELECTRONIC DOOR STRIKES (MUST BE 12V1A COMPATIBLE)

STATION 6 TV'S FOR IT USAGE NOTES:

- LOCATIONS MARKED FOR LIVEDASH SHALL BE PROVIDED WITH CAT6 CABLEING THAT HOME RUNS TO THE MAIN IT ROOM (106)
- HARDWARE:** OWNER'S VENDOR SUPPLIED, INSTALLED BY THIS SCOPE OF WORK
- TVS
 - TV MOUNTS

STATION MONITORING SYSTEM - REFER TO SHEET E403:

HARDWARE	PROVIDED BY	INSTALLED BY
G2 SYSTEM COMPONENTS 164 PLENUM RATED AUDIO CABLE DIVISION 27 CONTRACTOR CAT 6 PLENUM RATED POE CABLE ELECTRICAL BACKBOXES AND CONDUIT	HONEYWELL (OWNER FURNISHED) DIVISION 27 CONTRACTOR DIVISION 27 CONTRACTOR DIVISION 27 CONTRACTOR	CERTIFIED INSTALLER DIVISION 27 CONTRACTOR DIVISION 27 CONTRACTOR DIVISION 27 CONTRACTOR
CABLE TERMINATIONS AND TESTING SHALL BE BY CERTIFIED INSTALLER		

ELECTRICAL SYSTEM COMPONENTS EARTHQUAKE LOAD RESISTANCE

OCCUPANCY CATEGORY (IV)						SEISMIC DESIGN CATEGORY (D)		
LISTING OF EQUIPMENT & SYSTEM COMPONENTS		ANCHORAGE TO FLOORS, ROOF, ETC.		SWAY BRACING		LOCATION OF PROFESSIONALLY-SEALED ANCHORAGE AND SWAY BRACING DETAILS		COMMENTS
						ON CONSTRUCTION DOCUMENTS	SUBSEQUENT SUBMITTAL SEPARATE PERMIT AND PLANS	
		NOT PROVIDED	PROVIDED	NOT PROVIDED	PROVIDED	DRAWING NO. OR SPEC. SECTION		
FIRE PROTECTION, DETECTION & ALARM $I_p=1.5$								
FIRE ALARM PANEL		X	X			X		
FIRE ALARM WIRING		X	X			X		
EMERGENCY OR STANDBY EQUIPMENT AND SYSTEM COMPONENTS $I_p=1.5$								
EMERGENCY GENERATOR		X	X			X		
AUTOMATIC TRANSFER SWITCH		X	X			X		
CONDUIT AND WIRING		X		X		X		
LIGHTING FIXTURES		X		X		X		
OTHER EQUIPMENT AND SYSTEM COMPONENTS NEEDED FOR CONTINUED OPERATION OF SEISMIC USE GROUP IV FACILITIES, OR WHOSE FAILURE COULD IMPAIR THEIR CONTINUED OPERATION $I_p=1.0$								
OTHER GENERAL EQUIPMENT & SYSTEM COMPONENTS								
DISTRIBUTION PANELBOARDS		X	X			X		
LIGHTING FIXTURES		X		X		X		
CONDUIT AND WIRING		X		X		X		

EXPLANATORY NOTES:
1. CONTRACTOR SHALL ADHERE TO REQUIREMENTS FOR EXEMPTION, WHERE NOTED, OR PROVIDE SEISMIC BRACING DESIGNED BY A QUALIFIED ENGINEER LICENSED IN THE PROJECT'S STATE.

EXEMPTION NOTES:
1. SEISMIC DESIGN CATEGORY B - ASCE 7-22 TABLE 13.1-1
2. SEISMIC DESIGN CATEGORY C: THE COMPONENT IMPORTANCE FACTOR $I_p=1.0$, AND THE COMPONENT IS POSITIVELY ATTACHED TO THE STRUCTURE. ASCE 7-22 TABLE 13.1-1.
3. SEISMIC DESIGN CATEGORY D, E, OR F AND THE COMPONENT WEIGHS 20 LBS OR LESS. ASCE 7-22 TABLE 13.1-1.
4. SEISMIC DESIGN CATEGORY D, E, OR F, AND THE COMPONENT IMPORTANCE FACTOR $I_p=1.0$, AND THE CENTER OF MASS IS 4 FT OR LESS ABOVE THE FLOOR, AND THE COMPONENT WEIGHS 400 LBS OR LESS, AND FLEXIBLE CONNECTIONS ARE PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. ASCE 7-22 TABLE 13.1-1.
5. SEISMIC DESIGN CATEGORY D, E, OR F, AND THE COMPONENT IMPORTANCE FACTOR $I_p=1.0$, AND FOR DISTRIBUTION SYSTEMS THE OPERATING WEIGHT OF THE SYSTEM IS 5 LBSFT OR LESS. ASCE 7-22 TABLE 13.1-1.
6. LIGHT FIXTURES, SIGN AND CEILING FANS (ASCE 7-22 13.6.1), NOT CONNECTED TO DUCTS OR PIPING, SUPPORTED BY CHAINS OR OTHERWISE SUSPENDED FROM THE STRUCTURE, PROVIDED ALL OF THE FOLLOWING CRITERIA ARE MET:
a. THE DESIGN LOAD FOR SUCH ITEMS SHALL BE EQUAL TO 1.4 TIMES THE OPERATING WEIGHT ACTING DOWN WITH A SIMULTANEOUS HORIZONTAL LOAD EQUAL TO 1.4 TIMES THE OPERATING WEIGHT. THE HORIZONTAL LOAD SHALL BE APPLIED IN THE DIRECTION THAT RESULTS IN THE MOST CRITICAL LOADING FOR DESIGN.
b. SEISMIC INTERACTION EFFECTS SHALL BE CONSIDERED PER SECTION 13.2.4 OF ASCE 7-22.
c. THE CONNECTION TO THE STRUCTURE SHALL ALLOW A 360 DEGREE RANGE OF MOTION IN THE HORIZONTAL PLANE.
7. CONDUIT, CABLE TRAY AND RACEWAYS, $I_p=1.0$, FLEXIBLE CONNECTIONS PROVIDED BETWEEN CABLE TRAY OR RACEWAY AND ASSOCIATED COMPONENTS WHERE THE CABLE TRAY OR RACEWAY IS POSITIVELY ATTACHED TO THE STRUCTURE, (ASCE 7-22 SECTION 13.6.5 EXCEPTION 1) AND:
a. TRAPEZE ASSEMBLIES ARE USED WITH 3/8-IN DIAMETER ROD HANGERS NOT EXCEEDING 12 IN. IN LENGTH FROM THE CONDUIT, CABLE TRAY, OR RACEWAY SUPPORT POINT TO THE CONNECTION AT THE SUPPORTING STRUCTURE TO SUPPORT RACEWAYS, AND THE TOTAL WEIGHT SUPPORTED BY ANY SINGLE TRAPEZE IS 100 LB OR LESS, OR
b. TRAPEZE ASSEMBLIES WITH 1/2-IN DIAMETER ROD HANGERS NOT EXCEEDING 12 IN. IN LENGTH FROM THE CONDUIT, CABLE TRAY, OR RACEWAY SUPPORT POINT TO THE CONNECTION AT THE SUPPORTING STRUCTURE ARE USED TO SUPPORT THE CABLE TRAY OR RACEWAY, AND THE TOTAL WEIGHT SUPPORTED BY ANY SINGLE TRAPEZE IS 200 LB (90 N) OR LESS, OR
c. TRAPEZE ASSEMBLIES WITH 1/2-IN DIAMETER ROD HANGERS NOT EXCEEDING 24 IN. IN LENGTH FROM THE CONDUIT, CABLE TRAY, OR RACEWAY SUPPORT POINT TO THE CONNECTION AT THE SUPPORTING STRUCTURE ARE USED TO SUPPORT THE CABLE TRAY OR RACEWAY, AND THE TOTAL WEIGHT SUPPORTED BY ANY SINGLE TRAPEZE IS 100 LB (445 N) OR LESS, OR
d. THE CONDUIT, CABLE TRAY OR RACEWAY IS SUPPORTED BY INDIVIDUAL ROD HANGERS 3/8 IN OR 1/2 IN IN DIAMETER, AND EACH HANGER IN THE RACEWAY RUN IS 12 IN. OR LESS IN LENGTH FROM THE CONDUIT, CABLE TRAY, OR RACEWAY SUPPORT POINT CONNECTION TO THE SUPPORTING STRUCTURE, AND THE TOTAL WEIGHT SUPPORTED BY ANY SINGLE ROD IS 50 LB OR LESS.
8. DESIGN FOR THE SEISMIC FORCES AND RELATIVE DISPLACEMENTS OF SECTION 13.3 SHALL NOT BE REQUIRED FOR CONDUIT, REGARDLESS OF THE VALUE OF I_p , WHERE THE CONDUIT IS LESS THAN 2.5 IN (64 MM) TRADE SIZE. (ASCE 7-22 SECTION 13.6.5 EXCEPTION 2.)

GENERAL NOTES:

- ELECTRICAL INSTALLATION PER 2020 NATIONAL ELECTRICAL CODE.
- ALL ELECTRICAL EQUIPMENT SHALL BE UL/NRTL LISTED.
- DETAILS SHOWN IN THESE DRAWINGS APPLY TO INSTALLATIONS INDICATED REGARDLESS AS TO IF THEY ARE SPECIFICALLY REFERENCED ELSEWHERE IN THE DRAWING SET. ANY QUESTIONS ON THEIR APPLICABILITY SHOULD BE SENT TO THE ENGINEER PRIOR TO BIDDING.
- MOUNTING HEIGHTS INDICATED WITHIN PLANS AND SCHEDULES ARE DIMENSIONED TO THE CENTER LINE OF THE DEVICE, EQUIPMENT, LUMINAIRE, ETC. UNLESS OTHERWISE NOTED.
- COORDINATE EXACT EQUIPMENT LOCATIONS WITH OTHER TRADES. EQUIPMENT LOCATIONS SHOWN ON ELECTRICAL PLANS ARE DIAGRAMMATICAL ONLY AND MIGHT NOT BE EXACT.
- COORDINATE ELECTRICAL DEVICE INSTALLATIONS WITH FINAL ARCHITECTURAL PLANS AND ELEVATIONS.
- ALL RECEPTACLES, SWITCHES AND JUNCTION BOXES SHALL BE LABELED WITH PANELBOARD NAME AND CIRCUIT NUMBER.
- PROVIDE FIRE STOPPING AT ALL CONDUIT PENETRATIONS AND CONDUIT SLEEVES THROUGH FLOOR SLABS AND FIRE RATED WALLS TO MAINTAIN REQUIRED FIRE RATING. USE UL LISTED METHODS AND MATERIALS.
- NOT ALL BRANCH CIRCUIT CONDUIT AND WIRE IS SHOWN. ONLY PANELBOARD NAMES AND CIRCUIT NUMBERS ARE SHOWN ADJACENT TO DEVICES. THE REMAINING BRANCH CIRCUIT CONDUIT AND WIRES SHALL BE INSTALLED ACCORDING TO SPECIFICATIONS.
- ALL RECEPTACLES WITHIN 6 FT OF SINKS SHALL BE GFCI TYPE.
- INSTALL EMERGENCY AND EXIT LUMINAIRE WIRING IN A SEPARATE RACEWAY FROM THAT OF ANY NORMAL POWER DEVICE.
- CONCEAL ALL CONDUIT IN WALLS, IN PARTITIONS, AND IN ABOVE CEILINGS, UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT ROUTED IN MECHANICAL ROOMS, ELECTRICAL ROOMS, AND STORAGE ROOMS WITHOUT CEILINGS MAY BE ROUTED EXPOSED.
- CONCEAL ELECTRICAL CONNECTIONS FOR ELECTRIC WATER COOLERS (EWC) BEHIND WATER COOLER ACCESS PLATE OR DIRECTLY BELOW AND CENTERED ON WALL. CONFORM CIRCUIT WILL BE PROTECTED BY A READILY ACCESSIBLE GFCI DEVICE IN CIRCUIT BREAKER IN PANELBOARD OR GFCI WHEN MOUNTED BELOW, PRIOR TO INSTALLING CIRCUIT.
- FIELD COORDINATE ALL ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT MOUNTING LOCATIONS TO AVOID ENCRoACHMENT OF OPERATION AND ACCESS TO EQUIPMENT FROM OTHER TRADES. COORDINATE THE APPROPRIATE MOUNTING LOCATION WITH THE AFFECTED DISCIPLINES WHEN EQUIPMENT IS SPECIFIED TO BE MOUNTED ONTO THE SURFACE OF ANOTHER DISCIPLINE'S EQUIPMENT.
- ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE SUBMITTED FOR APPROVAL PRIOR TO PERFORMING ARC FLASH, SHORT CIRCUIT, AND COORDINATION STUDIES. RESUBMIT ELECTRICAL POWER DISTRIBUTION EQUIPMENT FOR FINAL APPROVAL OF ARC FLASH, SHORT CIRCUIT, AND COORDINATION STUDIES.
- ALL FACE PLATES IN APPARATUS BAY, GEAR ROOM, EXTRACTOR SHELTER, SCBA AND RESTROOM 123 SHALL BE STAINLESS STEEL.
- DIVISION 26 CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION OF RECORD DRAWINGS THAT CLEARLY INDICATE ALL REVISIONS TO PANELBOARDS AND BRANCH CIRCUIT NUMBERS TO REFLECT INSTALLED CONDITIONS.

LIGHTING NOTES:

- SWITCHES IN EACH ROOM SHALL CONTROL LIGHTS IN THAT ROOM ONLY UNLESS OTHERWISE NOTED.
- ALL FIXTURES WITH EMERGENCY BATTERY BACKUP SHALL BE WIRED FOR SWITCHED OPERATION UNLESS NOTED OTHERWISE.
- PROVIDE UNSWITCHED PHASE CONDUCTOR TO ALL SWITCHED EMERGENCY BATTERY BACK UP FIXTURES. FOR SWITCHED EMERGENCY FIXTURES WITH INVERTER BACK UP, PROVIDE UL 924 TRANSFER DEVICE, PROVIDE ALL ASSOCIATED WIRING FOR A COMPLETE WORKING SYSTEM.
- COORDINATE FIXTURE LOCATIONS SUCH THAT FIXTURES RUN PARALLEL TO THE FACE OF THE EQUIPMENT AND OVER AISLES BETWEEN EQUIPMENT IN ALL MECHANICAL AND ELECTRICAL EQUIPMENT AREAS. INSTALL AT LOCATIONS AND HEIGHTS TO PROPERLY ILLUMINATE ALL GAUGES, PANELS, ELECTRICAL EQUIPMENT, CONTROLS, VALVES, ETC. CHAIN HANGING, STEM HANGING, CHANNEL HANGING, ETC ARE ACCEPTABLE METHODS.
- SEE ARCHITECTURAL DRAWINGS FOR LIGHT FIXTURE LOCATIONS.
- ALL LIGHTING AND FAN BRANCH CIRCUITING SHALL BE 2 #12, 1 #12 GROUND IN 3/4" CONDUIT UNLESS NOTED OTHERWISE.

LOW VOLTAGE COMMUNIIATION SYSTEMS GENERAL NOTES:

- REFER TO LOW VOLTAGE RESPONSIBILITIES MATRIX ON SHEET E401 FOR DEFINED SCOPE OF WORK.
- COORDINATE LOW VOLTAGE DEVICE LOCATIONS WITH FINAL ARCHITECTURAL PLANS AND ELEVATIONS.
- FOR TELECOMMUNICATION (TELEPHONE/DATA/WAP) OUTLETS, DIV 27 SHALL PROVIDE 4 1/16" SQUARE BOX, 2 1/2" DEEP WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH 90 DEGREE SWEEP AND BUSHING STUBBED TO WITHIN 6" OF J-HOOK PATHWAY.
- PROVIDE NEW FIRE ALARM SYSTEM INCLUDING SEALED DESIGN DOCUMENTS PER SPECIFICATION SECTION 28311. PROVIDE CONTROL MODULES AND RELAY MODULES AS REQUIRED. INSTALLATION SHALL CONFORM TO NFPA 72 GUIDELINES.
- PROVIDE SYNCHRONIZATION OF ALL FIRE ALARM VISUAL NOTIFICATION APPLIANCE CIRCUITS THROUGHOUT THE SCOPE OF WORK AREA.
- SMOKE DETECTORS SHALL BE INSTALLED A MINIMUM OF 3'-0" FROM AIR SUPPLY AND RETURNS AS REQUIRED.
- CCTV CABLEING SHALL BE CAT6 IN GREEN JACKET.
- ALL OUTDOOR & UNDER FLOOR CABLEING SHALL BE "OUTDOOR RATED".
- ALL CABLEING SHALL BE PLENUM RATED.

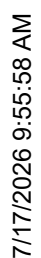
FIRE STATION ALERTING SYSTEM (FSAS) NOTES:

- OWNER'S VENDOR SHALL PROVIDE TV DASHBOARDS AND ASSOCIATED DISTRIBUTION SYSTEM COMPONENTS THROUGHOUT.
- OUTDOOR SPEAKERS SHALL HAVE SILENT HOURS.
- OWNER'S VENDOR FSAS SYSTEM SHALL PROVIDE 120V TRIGGER FOR STREET MOUNTED WARNING LIGHTS. THE 120V CIRCUIT IN CONDUIT SHALL BE BY DIV 26 CONTRACTOR.
- OWNER'S VENDOR SHALL PROVIDE LOW VOLTAGE WIRING AND DEVICE MOUNTING HARDWARE FOR FSAS.
- OWNER'S VENDOR SHALL PROVIDE BASE STATION RADIO AUDIO FEED @ 500 OHMS FOR FSAS FROM CAPTAIN OFFICE 105.

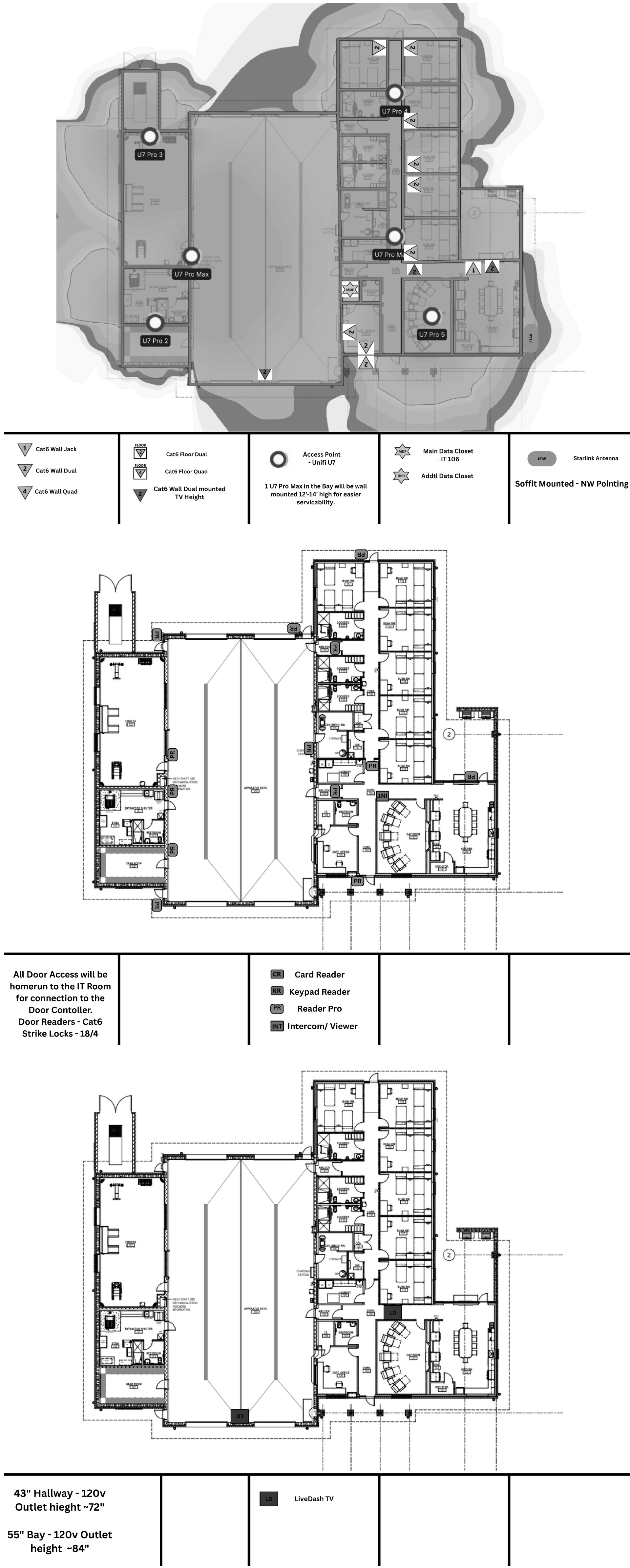
ELECTRICAL LEGEND

NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED

Name: Mary J Grib
Discipline: Professional Engineer
License No: PE-026901
Expiration Date: 12/31/2027



SCALE: 1/16" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 2" = 1'-0"
SCALE: 3" = 1'-0"
SCALE: 4" = 1'-0"
SCALE: 6" = 1'-0"
SCALE: 12" = 1'-0"



FeatherShark

Central County Fire
New - Station 6
Version - 01
Network

FeatherShark

Central County Fire
New - Station 6
Version - 01
Door Access

FeatherShark

Central County Fire
New - Station 6
Version - 01
TVs for IT use

Station 6 NETWORK NOTES

- Cat6 Wall Locations to be terminated into a standard wall plate at Desk height and home run to the main IT Room (106)
- Cat6 TV locations as indicated to have Cat6 drop TV height and home run to the main IT Room (106)
- Access Points will be ceiling mounted with Cat6 that home runs to the main IT Room (106). With the EXCEPTION of the apparatus bay AP, this on will be wall mounted at 12-14 ft high (allows for easier serviceability).
- Drawing assumes Cat6 cabling is included at all needed Phone locations, both desk phones and wall mount phones where needed
- ALL Cat6 Cabling to home run in Patch Panel

Station 6 DOOR ACCESS NOTES

- Any door with an electronic lock will need 18/4 cable from the strike to the IT Room (106).
- Readers will need Cat6 Cabling that home runs to the main IT Room (106)
- Intercom Viewers will be wall-mounted in the hallway and need Cat6 cabling that home runs to the main IT Room (106)
- ALL Cat6 Cabling to home run in Patch Panel

Station 6 TVs FOR IT USAGE NOTES

- Locations marked for LiveDash will need Cat6 cabling that home runs to the Main IT Room (106) as noted in the Network page

HARDWARE Customer Supplied, Contractor Installed

- TVs
- TV Mounts

HARDWARE Customer Supplied, Contractor Installed

- Door Readers
- Door Reader Junction/Mounting Boxes
- Intercom Viewer

Hardware Contractor Supplied, Contractor Installed

- Cabling, Mounts, Hooks
- Electronic Door Strikes (must be 12V1A compatible) (WHERE APPLICABLE)

Name: Mary J Grib
Discipline: Professional Engineer
License No: PE-026901
Expiration Date: 12/31/2027

Project No. 24057
Sheet No. E402
Date: 2026/07/07

Proposed: CCF&R HOUSE 06
151 JUNG'S STATION RD

HORNER SHIFRIN
401 S. 18TH ST., STE. 400 SAINT LOUIS, MO 63103-2296
314-551-4000
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

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Place
St. Louis, Missouri
63103-2296
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FOR REFERENCE ONLY

Panelboard: PA		Mounting: SURFACE				Location: ELEC./MECH. RM. 115				AIC Rating: 25,000			
Volts: 208Y/120V		Phases: 3				Amps: 225 A				Feed From: MDP			
		Wire: 4				Mains: MLO							
Circuit Description		Amps	Poles	CKT	A	B	C	CKT	Poles	Amps	Circuit Description		
Receptacles - Exterior Building		20 A	1	1	360	500			2	1	20 A	Main Rack Receptacles - I.T. Room	
Countertop Receptacles - Patio		20 A	1	3		360	500		4	1	20 A	Main Rack Receptacles - I.T. Room	
Receptacles - Patio		20 A	1	5				180	360	6	20 A	Receptacles - I.T. Room	
Receptacles - Patio		20 A	1	7	540	360			8	1	20 A	Receptacles - I.T. Room	
EWC Receptacles - Corridor		20 A	1	9		370	1080		10	1	20 A	Receptacles - Kitchen 100 +	
Receptacles - Corridors +		20 A	1	11				1080	1000	12	1	20 A	Refrigerator Receptacles - Kitchen *
Receptacles - Bunk Room 110 +		20 A	1	13	1080	1000			14	1	20 A	Refrigerator Receptacles - Kitchen *	
Receptacles - Bunk Room 110 +		20 A	1	15		1080	1000		16	1	20 A	Refrigerator Receptacles - Kitchen *	
Receptacles - Bunk Room 111 +		20 A	1	17				1080	540	18	20 A	Countertop Receptacles - Kitchen +	
Receptacles - Bunk Room 111 +		20 A	1	19	1080	360			20	1	20 A	Countertop Receptacles - Kitchen +	
Receptacles - Bunk Room 114 +		20 A	1	21		1080	800		22	1	20 A	Coffee Receptacles - Kitchen +	
Receptacles - Bunk Room 114 +		20 A	1	23				1080	1200	24	1	20 A	Garbage Disposer Receptacles - Kitchen +
Receptacles - Bunk Room 116 +		20 A	1	25	1080	1200			26	1	20 A	Dishwasher Receptacles - Kitchen +	
Receptacles - Bunk Room 116 +		20 A	1	27		1080	500		28	1	20 A	Stove Outlet - Kitchen +	
Receptacles - Bunk Room 117 +		20 A	1	29				1080	0	30	1	20 A	Stove Outlet Gas Solenoid - Kitchen +
Receptacles - Bunk Room 117 +		20 A	1	31	1080	1200			32	1	20 A	Microwave Receptacles - Kitchen +	
Receptacles - Bunk Room 119 +		20 A	1	33		1080	180		34	1	20 A	Receptacles - Restroom 107	
Receptacles - Bunk Room 119 +		20 A	1	35				1080	600	36	1	20 A	Baby Box Receptacles - Capt Office 105
Receptacles - Lockers 127 +		20 A	1	37	180	900			38	1	20 A	Receptacles - Capt Office 105	
Receptacles - Lockers 113 +		20 A	1	39		180	900		40	1	20 A	Receptacles - Capt Office 105	
Receptacles - Lockers 112 +		20 A	1	41				180	360	42	1	20 A	Receptacles - Janitor 120, Closet 128
Dryer Receptacle - Laundry 108		30 A	2	43	2400	500			44	1	20 A	Building Management System Control Panel	
		20 A	2	45		2400	163		46	1	20 A	Lighting - Corridors +	
Washer Receptacles - Laundry 108 +		20 A	1	47				1500	680	48	1	20 A	Lighting - Bunk Rooms +
Receptacles - Laundry 108 +		20 A	1	49	540	1046			50	1	20 A	Lighting - Lockers, Janitor, Laundry +	
Receptacles - Day Room 103 +		20 A	1	51		1260	758		52	1	20 A	Lighting - Kitchen, Day Room, Capt Office, IT +	
Floor Receptacles - Day Room 103 +		20 A	1	53				360	0	54	1	20 A	SPARE
Floor Receptacles - Day Room 103 +		20 A	1	55	360	0			56	1	20 A	SPARE	
Floor Receptacles - Day Room 103 +		20 A	1	57		360	0		58	1	20 A	SPARE	
Floor Receptacles - Day Room 103 +		20 A	1	59				360	0	60	1	20 A	SPARE
Phase Load:						15.76 kVA		15.13 kVA		12.72 kVA			
Phase Amps:						134.45 A		129.19 A		106.00 A			
Total Load:								43.61 kVA					
Total Amps:								121.06 A					
Notes:													
+ = PROVIDE ARC FAULT BREAKER													
* = PROVIDE GFCI BREAKER													

Panelboard: PB		Mounting: SURFACE				Location: ELEC./MECH. RM. 115				AIC Rating: 25,000		
Volts: 208Y/120V		Phases: 3				Amps: 100 A				Feed From: MDP		
		Wire: 4				Mains: MLO						
Circuit Description	Amps	Poles	CKT	A	B	C	CKT	Poles	Amps	Circuit Description		
Receptacles - Apparatus Bay	20 A	1	1	1080	900			2	1	20 A	Receptacles - Exterior Building	
Receptacles - Apparatus Bay	20 A	1	3			1080	450	4	1	20 A	Receptacles - Exterior Building Soffit *	
Receptacles - Apparatus Bay	20 A	1	5				540	540	6	1	20 A	Receptacles - Exterior Pole
Cord Reel Receptacle - Apparatus Bay	20 A	1	7	1000	720				8	1	20 A	Receptacles - Exterior Pole
Cord Reel Receptacle - Apparatus Bay	20 A	1	9			1000	500		10	1	20 A	Monument Sign
Cord Reel Receptacle - Apparatus Bay	20 A	1	11				1000	675	12	1	20 A	Lighting - Apparatus Bay
Cord Reel Receptacle - Apparatus Bay	20 A	1	13	1000	715				14	1	20 A	Lighting - Apparatus Bay
Cord Reel Receptacle - Apparatus Bay	20 A	1	15			1000	675		16	1	20 A	Lighting - Apparatus Bay
Cord Reel Receptacle - Apparatus Bay	20 A	1	17				1000	233	18	1	20 A	Lighting - Exterior Bay Door Floods
Overhead Door - Apparatus Bay	20 A	1	19	1012	376				20			
Overhead Door - Apparatus Bay	20 A	1	21			1012	376		22	2	20 A	Lighting - Site
Overhead Door - Apparatus Bay	20 A	1	23				1012	66	24			
Overhead Door - Apparatus Bay	20 A	1	25	1012	66				26	2	20 A	Lighting - Flagpole
EWC Receptacles - Apparatus Bay	20 A	1	27			370	84		28	2	20 A	Lighting - Pole Mounted Flood
Emergency Lighting - Apparatus Bay	20 A	1	29				900	0	30	2	20 A	Lighting - Pole Mounted Flood
Traffic Signal	20 A	1	31	1600	300				32	1	20 A	Lighting Control Panel
SPARE	20 A	1	33			0	0		34	1	20 A	SPARE
SPARE	20 A	1	35				0	0	36	1	20 A	SPARE
SPARE	20 A	1	37	0	0				38	1	20 A	SPARE
SPARE	20 A	1	39			0	0		40	1	20 A	SPARE
SPARE	20 A	1	41				0	0	42	1	20 A	SPARE
Phase Load:				9.96 kVA		6.51 kVA		5.94 kVA				
Phase Amps:				83.69 A		55.02 A		49.53 A				
Total Load:						22.41 kVA						
Total Amps:						62.21 A						
Notes:												
* = PROVIDE GFCI BREAKER												

Panelboard: PC			Mounting: RECESSED			Location: FITNESS 122			AIC Rating: 18,000		
Volts: 208Y/120V			Phases: 3			Amps: 225 A			Feed From: MDP		
			Wire: 4			Mains: 225 A MCB					
Circuit Description	Amps	Poles	CKT	A	B	C	CKT	Poles	Amps	Circuit Description	
EWC Receptacles - Fitness	20 A	1	1	370	500		2	1	20 A	Lighting Inverter for Storm Shelter	
Wall Fan Receptacles - Fitness	20 A	1	3		200	795	4	1	20 A	Lighting - Fitness, Extractor Shelter, Gear Room	
Equipment Receptacles - Fitness	20 A	1	5			1500	0	6	1	20 A	SPARE
Equipment Receptacles - Fitness	20 A	1	7	1500	0			8	1	20 A	SPARE
Equipment Receptacles - Fitness	20 A	1	9		1500	0		10	1	20 A	SPARE
Equipment Receptacles - Fitness	20 A	1	11			1500	0	12	1	20 A	SPARE
Receptacles - Fitness	20 A	1	13	1720	0			14	1	20 A	SPARE
Washer Receptacles - Extractor Shelter	20 A	1	15		1500	0		16	1	20 A	SPARE
Dryer Receptacle - Extractor Shelter	30 A	2	17			2400	0	18	1	20 A	SPARE
Ice Maker Receptacles - Extractor Shelter	20 A	1	21	2400	1141			20			
Receptacles - Extractor Shelter	20 A	1	23		1357	1141		22	3	20 A	EXTRACTOR
Receptacles - Restroom, Gear Room	20 A	1	25	540	4800			26			
SPARE	20 A	1	27		0	4800		28	3	50 A	SCBA
SPARE	20 A	1	29			0	4800	30			
Phase Load:				12.97 kVA		11.29 kVA		12.38 kVA			
Phase Amps:				109.49 A		94.10 A		104.57 A			
Total Load:						36.64 kVA					
Total Amps:						101.71 A					

Panelboard: MA		Mounting: SURFACE				Location: ELEC./MECH. RM. 115				AIC Rating: 25,000		
Volts: 208Y/120V		Phases: 3				Amps: 225 A				Feed From: MDP		
		Wire: 4				Mains: MLO						
Circuit Description		Amps	Poles	CKT	A	B	C	CKT	Poles	Amps	Circuit Description	
IR 01		20 A	1	1	120	180		2	1	15 A	EF-03	
IR 02		20 A	1	3		120	250	4	1	20 A	Smoke Dampers	
BS 2-1, BS 2-2, BS 3-1		20 A	1	5			150	500	6	1	20 A	Water Heater
EF 01		15 A	1	7	792	900		8	1	20 A	Door Power Supplies (House Side)	
SPARE		20 A	1	9		0	435	10				
SF 01 & EF 05		15 A	1	11			852	435	12	2	20 A	FCU 100A, 100B, 102, 103A, 103B, 105
Door Power Supplies (Apparatus Side)		20 A	1	13	1050	1440		14	1	15 A	KEH 01	
SPARE		20 A	1	15		0	476	16	2	20 A	FCU 109, 110, 111, 114, 116, 117, 118	
DOAS 01		15 A	2	17			260	476	18			
				19	260	1394		20				
EDH 02		70 A	2	21		5000	1394	22	2	15 A	CU-01	
				23			5000	1602	24	2	30 A	Ceiling Fan - Apparatus Bay
Ceiling Fan - Apparatus Bay		30 A	2	25	1602	1602		26				
				27		1602	300	28				
				29			3667	300	30	3	15 A	EF 02
AIR COMPRESSOR		40 A	3	31	3667	300		32				
				33		3667	0	34	1	20 A	SPARE	
SPARE		20 A	1	35	0		0	0	36	1	20 A	SPARE
SPARE		20 A	1	37	0	0			38	1	20 A	SPARE
SPARE		20 A	1	39		0	0	0	40	1	20 A	SPARE
SPARE		20 A	1	41			0	0	42	1	20 A	SPARE
Phase Load:		13.31 kVA				13.24 kVA		13.24 kVA				
Total Amps:		110.88 A				110.35 A		110.34 A				
Total Load:		39.79 kVA				110.44 A						
Total Amps:												