



FIRE STATION No. 22 Improvement Project

Project Budget Expenses

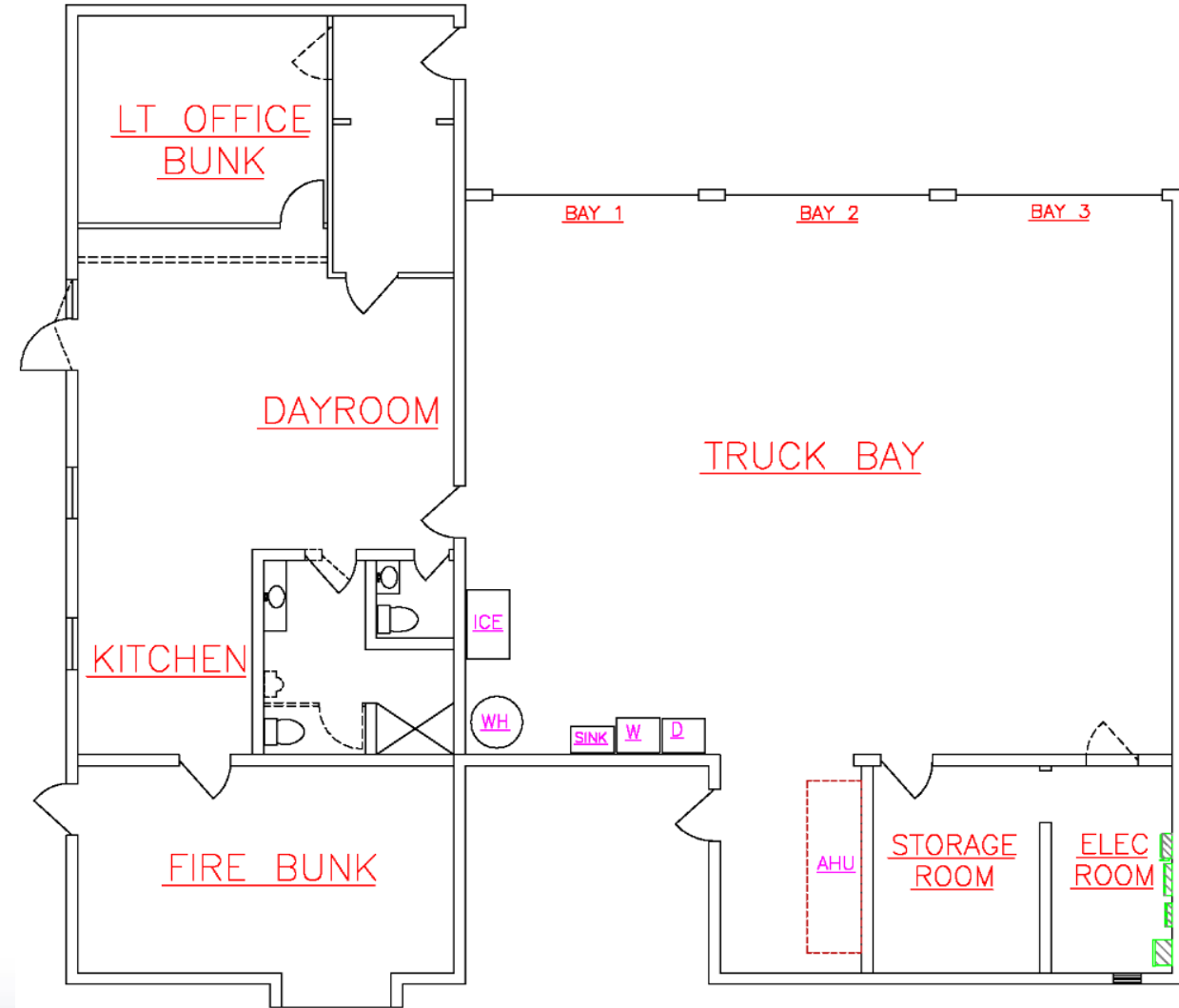
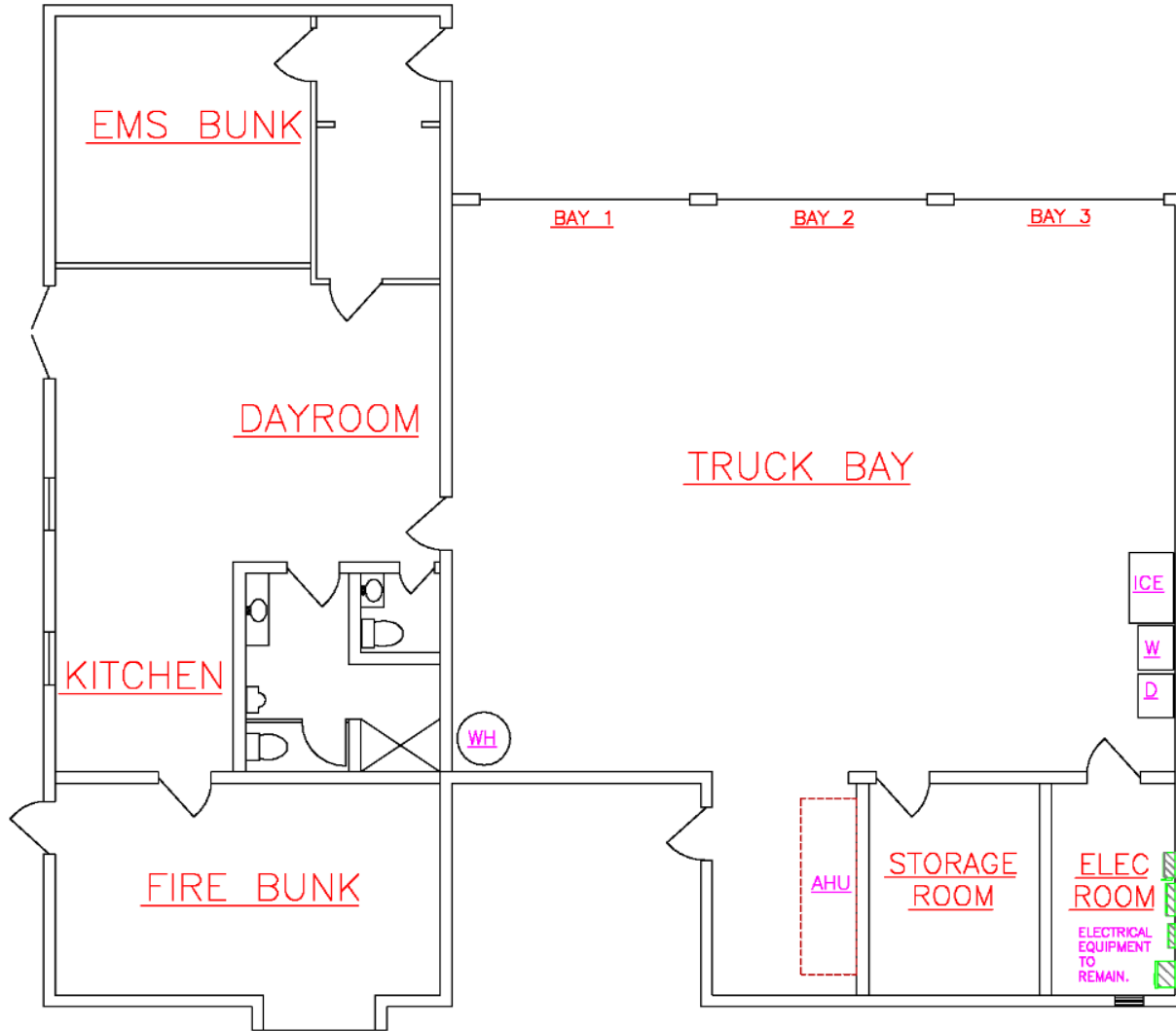
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BACKGROUND

- Palm Coast's Oldest Fire Station (Built in 1977).
- Approximately 3,900 SF.
- Original Design included a fire hose drying chase that doubled as a clock tower as well as a future 2nd floor.



FLOOR PLANS – EXISTING & PROPOSED



PROPOSED IMPROVEMENTS

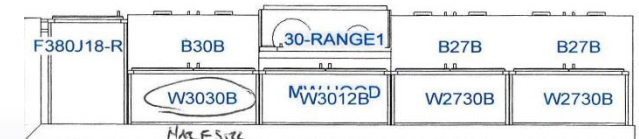
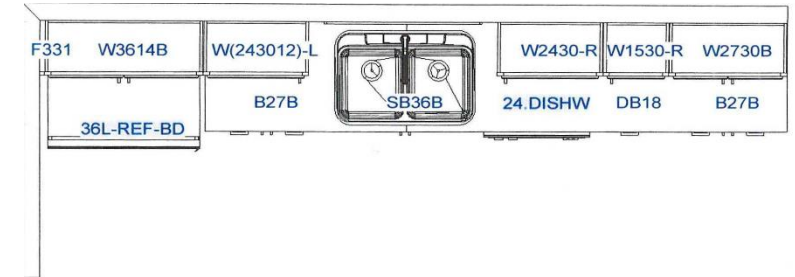
- Health & Safety
- ADA Improvements
- Energy Improvements

PROPOSED IMPROVEMENTS – Health & Safety

- Kitchen Replacement
- Truck Bay Exhaust
- Electrical
- Fire Separation
- Floor Plan Reconfiguration
- Interior Finishes

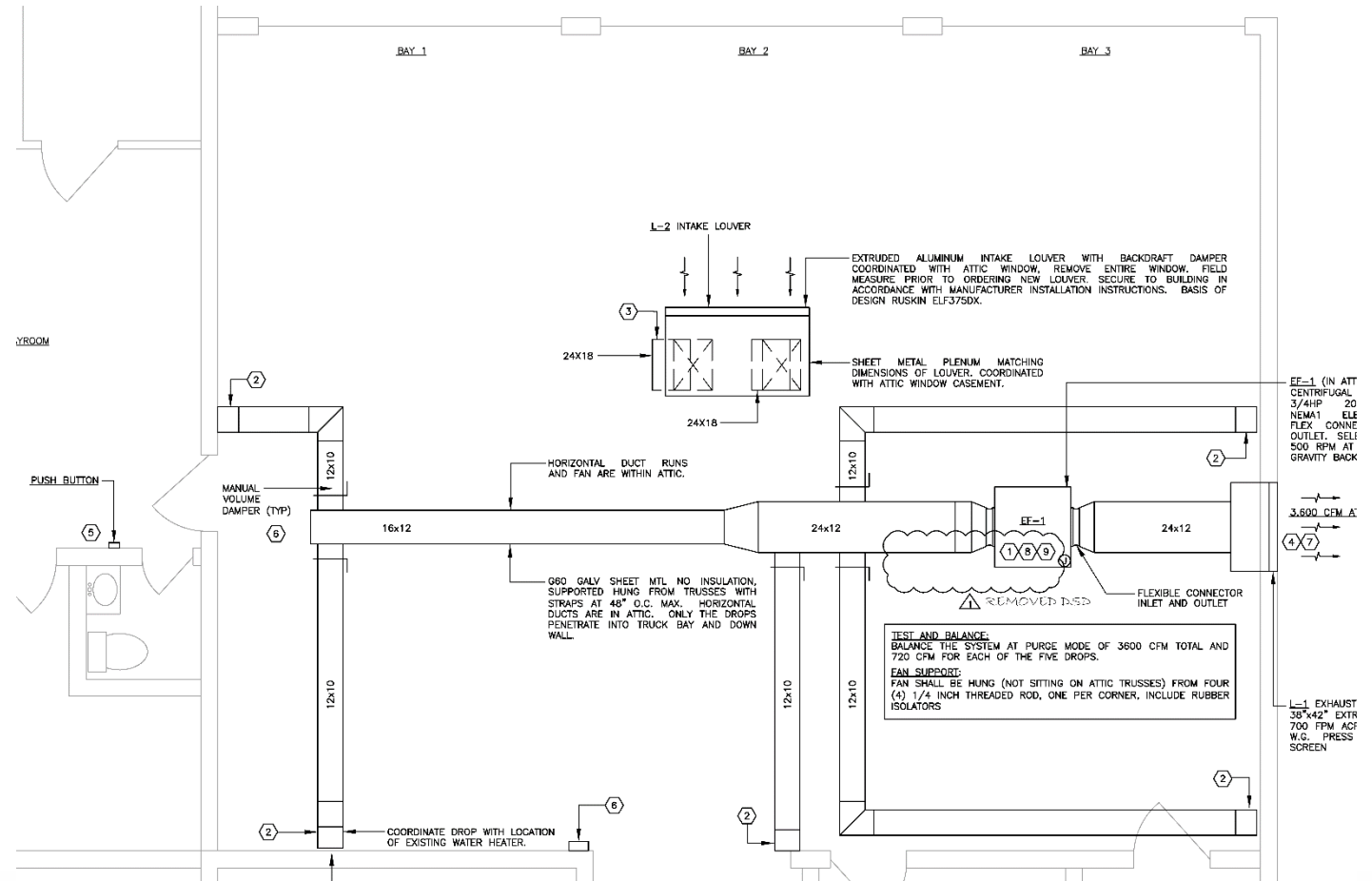
Health & Safety – Kitchen

- Replace cabinets and countertops
- New sink, faucet and garbage disposal
- New dishwasher and under cabinet microwave



Health & Safety – Truck Bay Exhaust

- Add Exhaust System w/Push Button & CO Detector/sensor



Health & Safety – Electrical

- Additional Power Outlets
- Replace Smoke Detectors
- Add Safety Sensors to Truck Bay doors
- Replace Doorbell & Wiring



Health & Safety – Fire Separation

- Install 1-hour firewall between truck bay and living space



Health & Safety – Floor Plan Reconfiguration

- Relocate/Connect laundry tub/washer (in truck bay) to building sewer drain
- New shelving in truck bay for consumables
- New shelving/open cabinets in storage room for fire fighter's PPE gear
- Relocate ice machine to opposite wall of truck bay to connect to building drainage system



Health & Safety – Interior Finishes

- New Vinyl Flooring in Living Areas
- Paint all Walls
- Paint Truck Bay Floor & Ceiling



PROPOSED IMPROVEMENTS - ADA

- ADA Parking Space Improvements
- Building Access Improvements
- Building Entrance Modification
- Restroom Modifications

ADA Improvements – Parking & Building Access

- Adjust Wheel Stop
- Reconstruct Walkway from Parking spot to Entrance

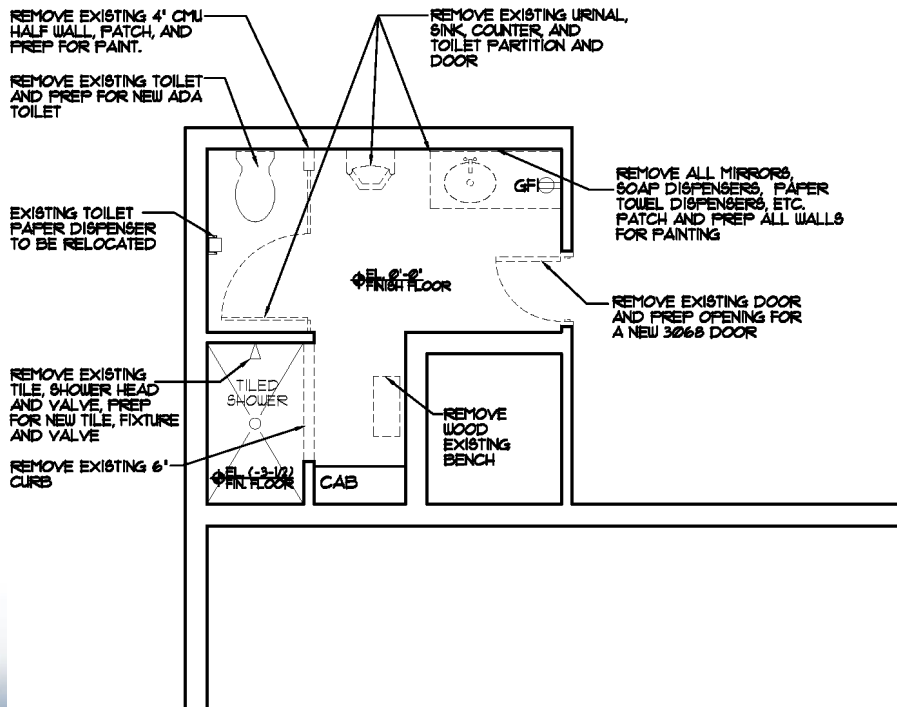


ADA Improvements – Building Entrance

- Replace Entry Doors with Wider door and reconfigure furniture layout in Day Room



- Renovate Existing Restroom/Shower Room to meet ADA requirements



**NEW DROP IN ADA SINK W/
PIPE COVER P TRAP AND
TWO VALVE TRUEBRO
MODEL # 102 E-Z**

NEW ADA TOILET

**NEW 2X2 TILE
OVER NEW
RAISED SLAB**

**NEW FOLDING
SHOWER SEAT**

TILED SHOWER

EXISTING CAB

**NEW MARBLE
SADDLE STALL
COMPLY WITH
FBC 5TH EDITION
ACCESSIBILITY
SEC 303**

**NEW HOLLOW METAL
FRAME AND DOOR W/
CLOSERS, YALE, MODEL
#111BF603**

FINISH FLOOR

NEW 3068

NOTES

1. EXISTING TILE AT SHOWER WALL SHALL REMAIN. REPLACED BROKEN OR CUT TILE WITH NEW 4x4 CERAMIC TILE IN SIMILAR PALETTE.
2. ALL CMU WALL SHALL BE PATCH, CLEANED, AND PAINTED.
3. GRAB BARS TO COMPLY WITH 11-426 AND FIG. 29.
4. CONTROLS FOR TOILE FLUSH VALVE SHALL BE MOUNTED ON THE RIGHT SIDE OF THE TOILET AREA FACING EXIT DOOR

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PROPOSED IMPROVEMENTS - Energy

- Insulation
- Lighting
- Hot Water Heater

Energy – Insulation

- Remove old “floating” batt insulation above drop ceiling and install spray foam insulation & fire barrier above living space
- Spray foam insulate exterior block walls (if needed)



ECM 1 - Front view of Fire Station 22 CMU walls with living quarters to the left.



ECM 2 – Fiberglass batts stapled to ceiling joists without a finished ceiling.



ECM 2 – Attic space with CMU gable walls. Ductwork will be brought into conditioned space by insulating roofline.



ECM 2 – Dropped ceiling below original ceiling joist. This ceiling does little to stop convective or conductive heat transfer into the attic. This concern will be eliminated by insulating the roofline.

Energy – lighting

- Replace fluorescent lighting throughout with new LED lighting



Energy – Hot Water Heater

- Replace leaking water heater with new energy savings water heater



PROPOSED IMPROVEMENTS - BUDGET

Mechanical	\$ 18,742.00
Electrical	\$ 11,510.00
Plumbing	\$ 8,202.64
G.C.	\$ 9,800.00
Cabinet/Counter	\$ 3,600.00
Flooring	\$ 2,859.50
Insulation	\$ 8,995.00
Truck Door Sensors	\$ 1,050.00
PW	\$ 5,000.00
Fire Dept	\$ 10,000.00
Permits & Misc.	\$ 5,000.00
Contingency	\$ 15,240.86
	\$100,000.00

COUNCIL ACTION

- Approve Expenses in the Amount of \$100,000.00 associated with Fire Station No. 22 Improvements

Questions?

