



# Fire Station #7 Update

Joplin Fire Department



# Brief Timeline of Progress

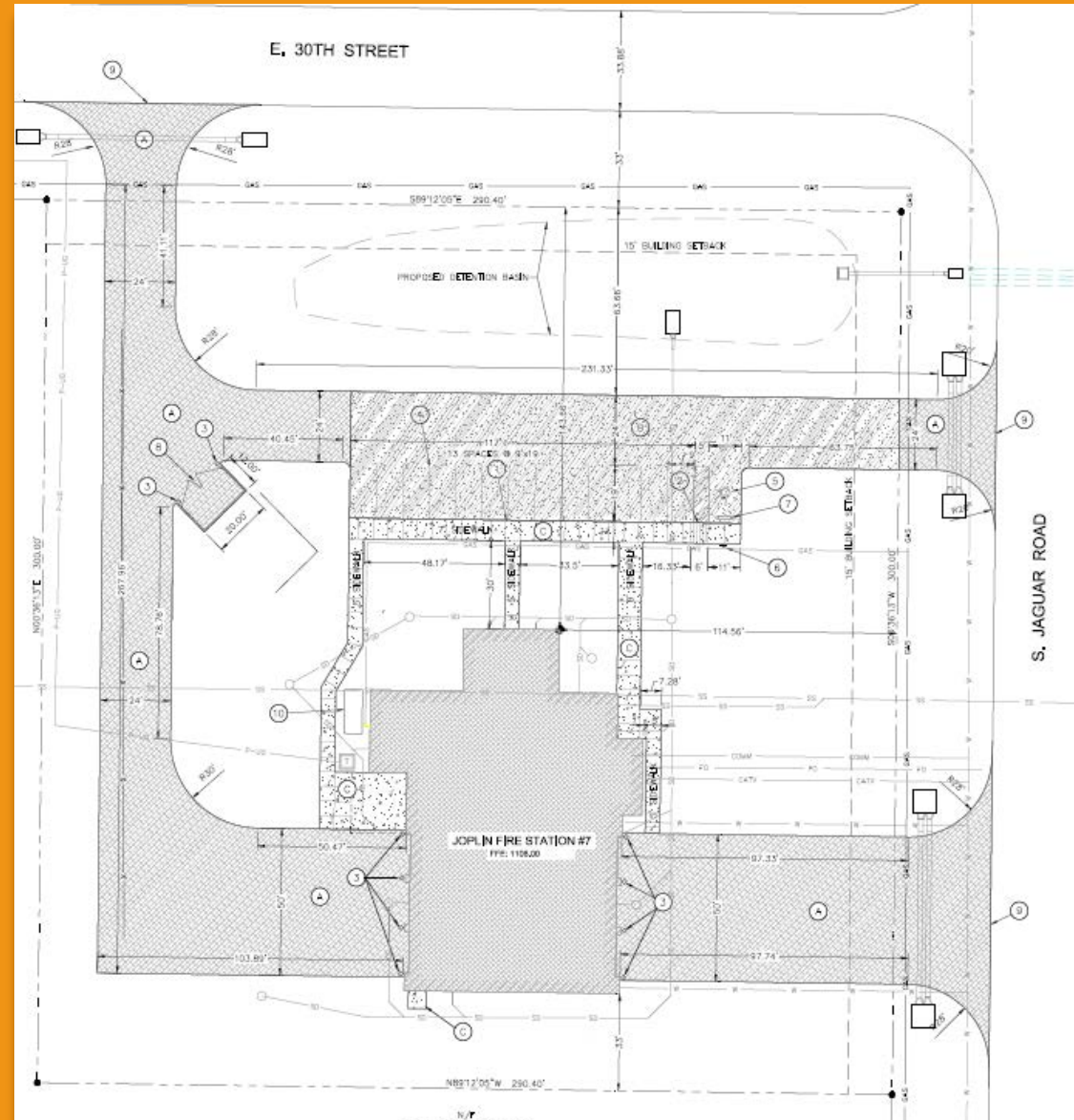


- Fire Station #7 is a project provided by the 2006 Public Safety Sales Tax. This project will conclude all initiatives included in that tax.
- The Fire Station #7 project began in 2016 with the purchase of a 2 square acre parcel of land in the area of 30<sup>th</sup> Street and CR 220.
- On October 4, 2021, City Council approved Paragon Architecture LLC to provide architectural design services for Station #7 (CB 2021-151)
- On October 18, 2021; a committee of Fire Department personnel began to work with Paragon to design Station #7.
- On February 9, Paragon presented the Design Development Cost Estimate at the end of the schematic design milestone.

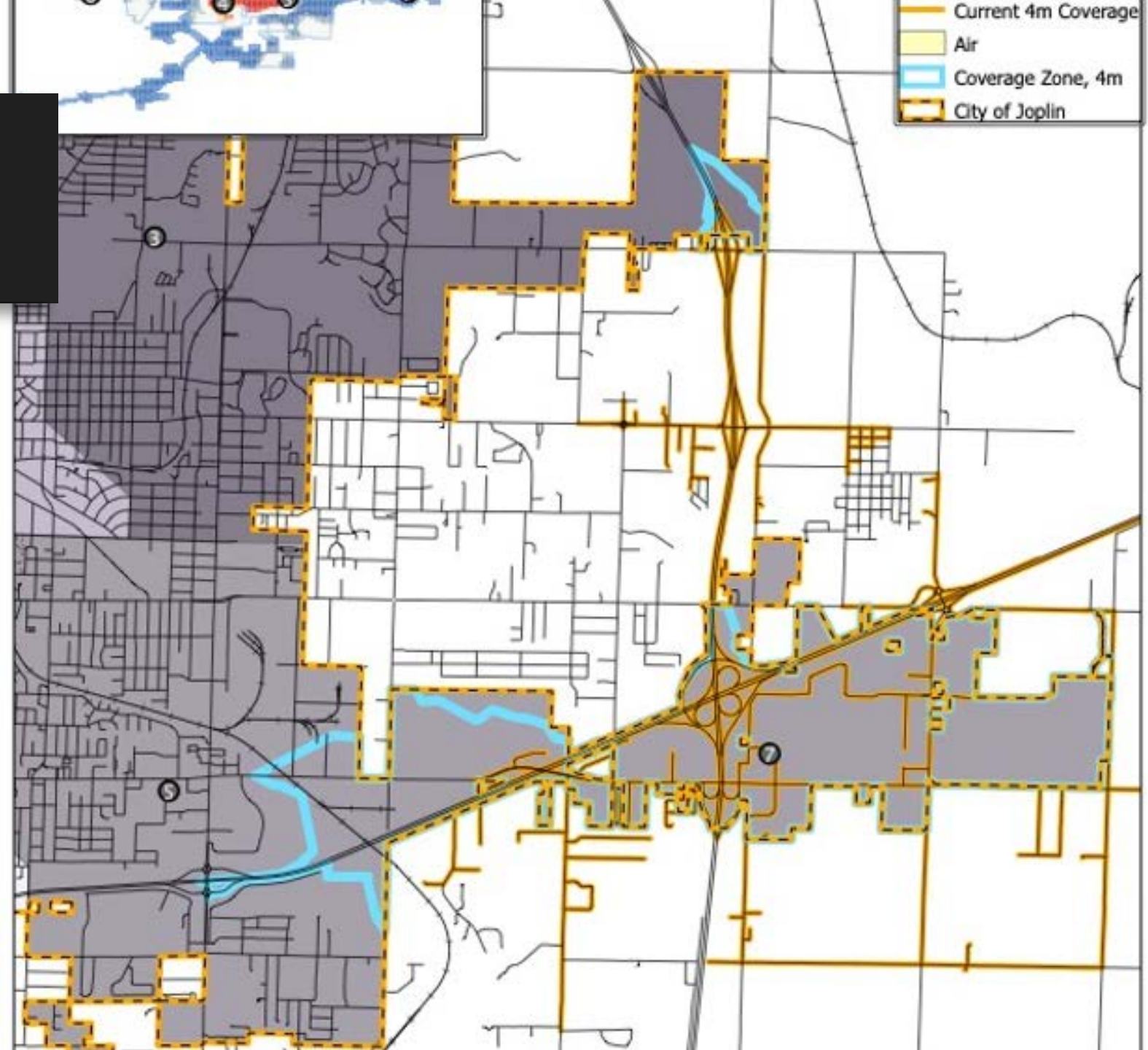
# Build Site



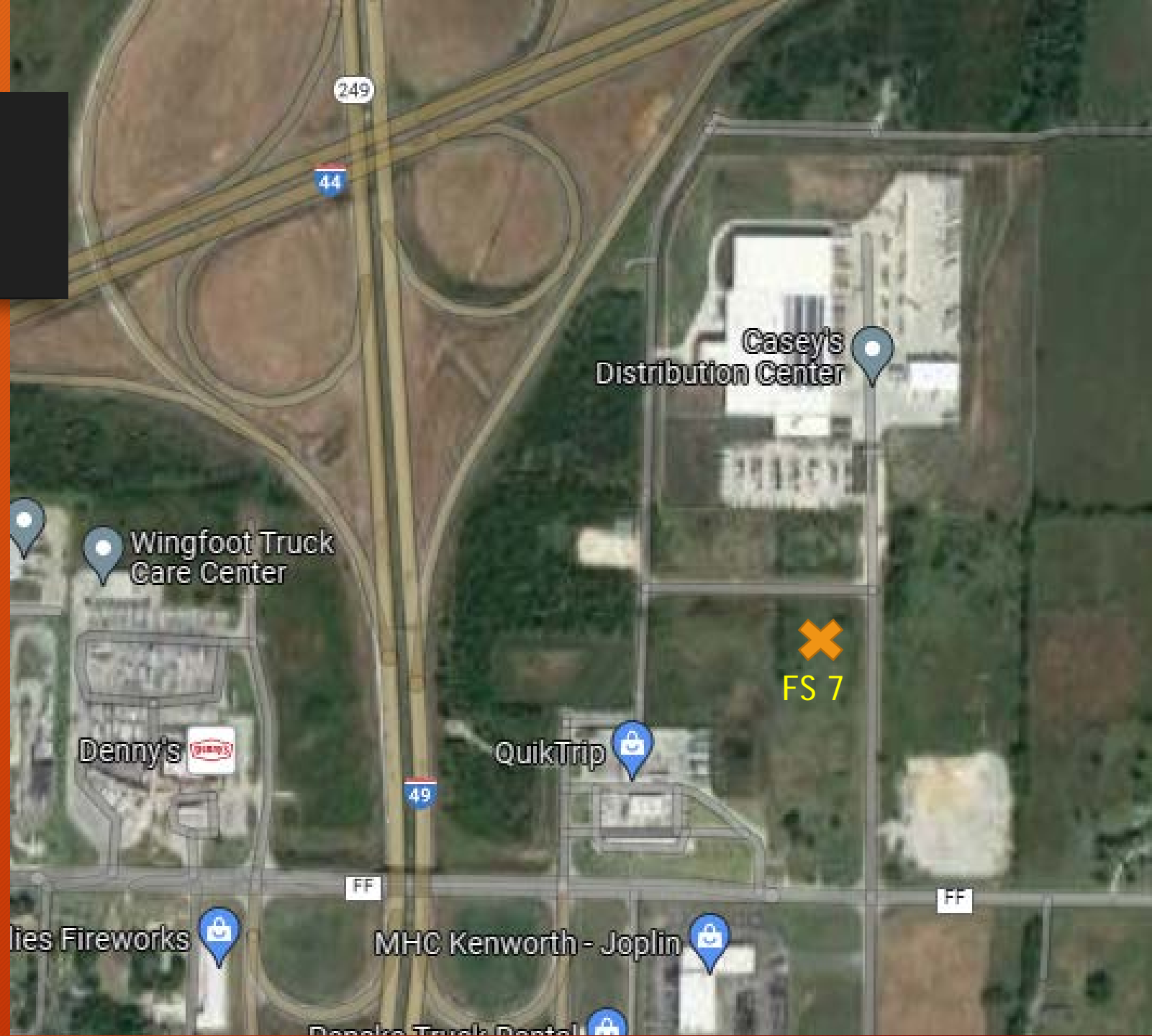
- Build site of Fire Station #7 will be at 6720 East 30<sup>th</sup> Street
- 2 square acres purchased in 2016 for \$155,000.00 from Hubler Family Investments



# District Location



# Physical Location



# Schematic Design Phase



- A Station #7 design committee was created that consisted of 8 FD employees, representatives from Paragon and from the City of Joplin.
- The design committee met once weekly to discuss the specific needs of the facility. The current schematic design is a representation of the work conducted over the past 10 weeks.
- This is an extremely basic floorplan that is fully functioning and allows for future growth or expansion of resources.

# Project Progress



- At 100% of the Schematic Design phase, the current project is 8,790sq/ft.
- 3 Apparatus bays and the living area to include 6 dormitories planned for current operations and future expansion.
- Current amenities planned for 12 employees over three shifts.
- All aspects of the facility meet current NFPA and OSHA requirements.



# Ongoing Cost Estimates



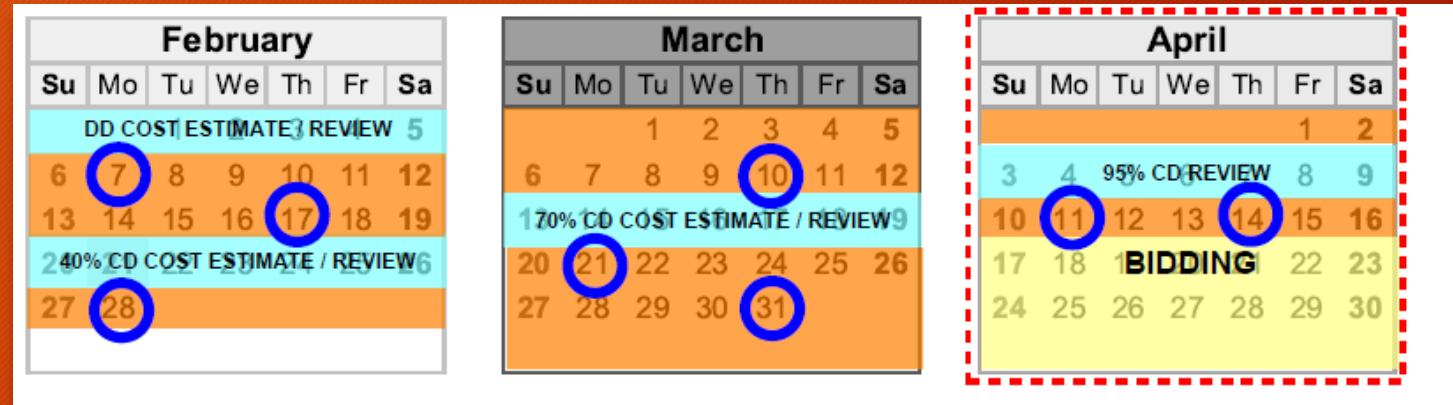
- Initial Schematic Design cost estimate was presented on November 16, 2021
  - This initial estimate was based on 8,500sq/ft
  - Total Construction = \$3,683,387.00
- At completion of the Schematic Design phase, an updated Design Development Cost Estimate was presented on February 9, 2021.
  - This updated estimate is based on 8,790sq/ft
  - Total Construction = \$3,795,767.00



# Current Schedule



- For the Week of February 22:
  - 40% completion of the Construction Document set.
    - Will include a review and cost estimate. Design contingency forecast to reduce to 7%
- Week of March 14:
  - 70% completion of the Construction Document set.
    - Will include a review and cost estimate. Design contingency forecast to reduce to 5%
- Week of April 4:
  - 95% completion of the Construction Document review.
    - Will include a review and cost forecast ahead of bid requests.



# Current Schedule



| May |    |                |           |    |    |    | June |           |    |    |    |    |    | July |                  |    |    |    |    |    |  |  |
|-----|----|----------------|-----------|----|----|----|------|-----------|----|----|----|----|----|------|------------------|----|----|----|----|----|--|--|
| Su  | Mo | Tu             | We        | Th | Fr | Sa | Su   | Mo        | Tu | We | Th | Fr | Sa | Su   | Mo               | Tu | We | Th | Fr | Sa |  |  |
| 1   | 2  | <b>BIDDING</b> |           |    | 6  | 7  |      |           |    | 1  | 2  | 3  | 4  |      |                  |    |    |    | 1  | 2  |  |  |
| 8   | 9  | 10             | 11        | 12 | 13 | 14 | 5    | <b>6</b>  | 7  | 8  | 9  | 10 | 11 | 3    | 4                | 5  | 6  | 7  | 8  | 9  |  |  |
| 15  | 16 | 17             | 18        | 19 | 20 | 21 | 12   | 13        | 14 | 15 | 16 | 17 | 18 | 10   | 11               | 12 | 13 | 14 | 15 | 16 |  |  |
| 22  | 23 | 24             | <b>25</b> | 26 | 27 | 28 | 19   | <b>20</b> | 21 | 22 | 23 | 24 | 25 | 17   | 18               | 19 | 20 | 21 | 22 | 23 |  |  |
| 29  | 30 | 31             |           |    |    |    | 26   | 27        | 28 | 29 | 30 |    |    | 24   | 25               | 26 | 27 | 28 | 29 | 30 |  |  |
|     |    |                |           |    |    |    |      |           |    |    |    |    |    | 31   | <b>CONTRACTS</b> |    |    |    |    |    |  |  |

BIDDING SCHEDULE: TO BE DETERMINED BASED ON COUNCIL MEETING SCHEDULING

# To Date and Futures

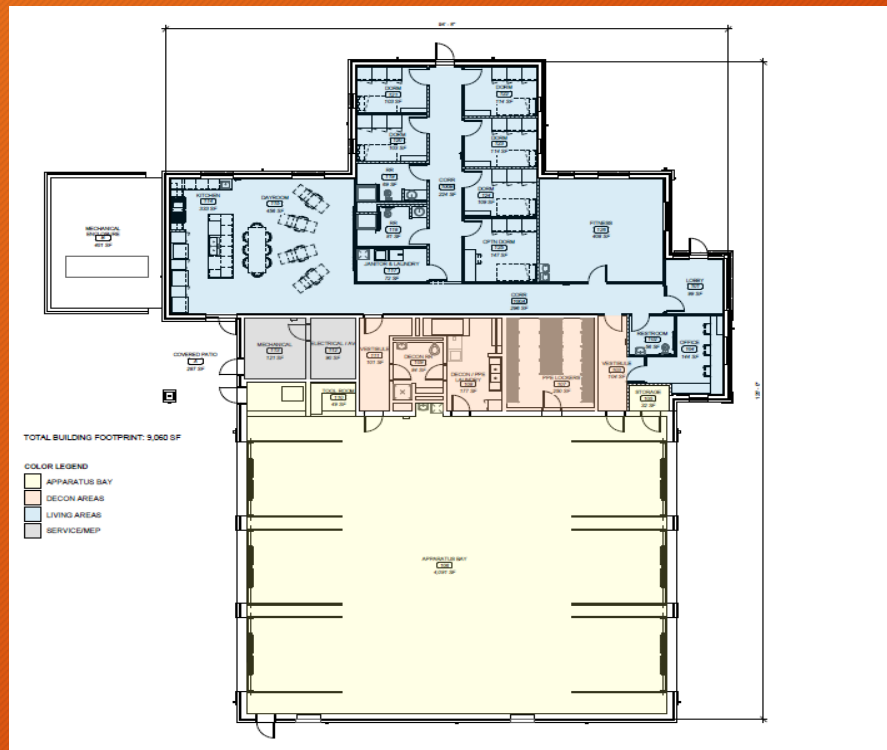


| Items Purchased                    | Cost           |
|------------------------------------|----------------|
| Land Purchase                      | \$155,000      |
| Schematic Design                   | \$38,250       |
| Items Remaining                    | Cost           |
| Remaining Paragon Contract         | \$274,150      |
| Current Estimated Const. Cost      | \$3,795,767    |
| Contingencies                      | \$569,365.05   |
| Totals                             | Cost           |
| Total Estimated Cost               | \$4,832,532.05 |
| 2022 Station 7 Construction Budget | \$2,700,000    |

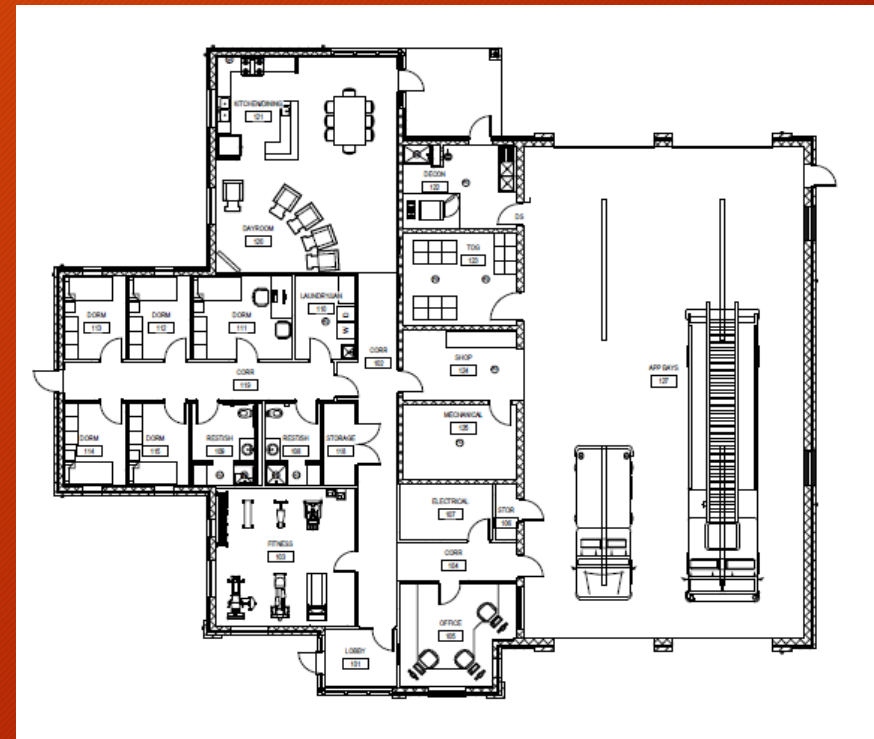
# Station Construction Comparison



Station 7 @ 8,790 sq/ft 2022



Station 2 @ 9,752 sq/ft 2013



# Questions?

