

# Combination Automotive & Diesel Facility Portfolio

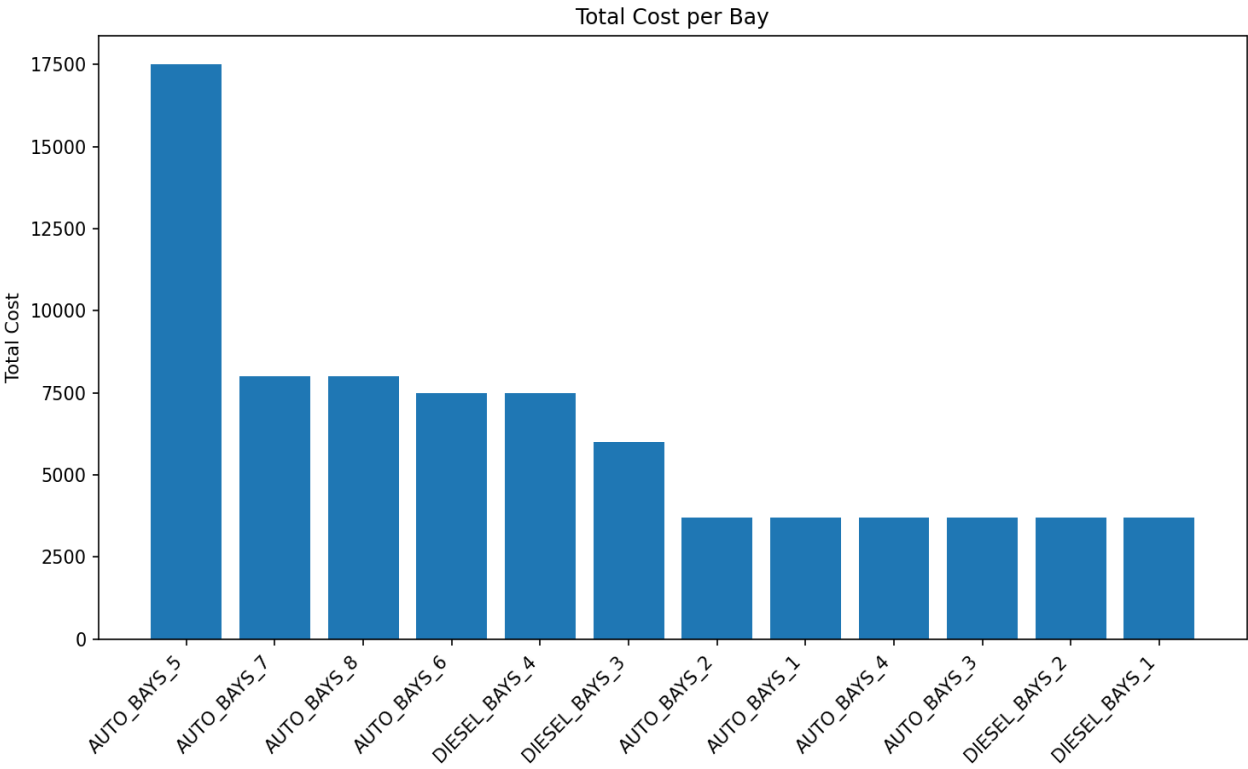
## Facility Layout (schematic)










## Bay Summary

BayLayer	BayName	ItemCount	TotalCost	AverageCost
AUTO_BAYS	AUTO_BAYS_1	2	3700	1850
AUTO_BAYS	AUTO_BAYS_2	2	3700	1850
AUTO_BAYS	AUTO_BAYS_3	2	3700	1850
AUTO_BAYS	AUTO_BAYS_4	2	3700	1850
AUTO_BAYS	AUTO_BAYS_5	2	17500	8750
AUTO_BAYS	AUTO_BAYS_6	2	7500	3750
AUTO_BAYS	AUTO_BAYS_7	1	8000	8000
AUTO_BAYS	AUTO_BAYS_8	1	8000	8000
DIESEL_BAYS	DIESEL_BAYS_1	2	3700	1850
DIESEL_BAYS	DIESEL_BAYS_2	2	3700	1850
DIESEL_BAYS	DIESEL_BAYS_3	2	6000	3000
DIESEL_BAYS	DIESEL_BAYS_4	2	7500	3750

## Total Cost per Bay



## Legend — Equipment Category and Color

	Lift (Color 1)
	Compressor (Color 2)
	Diagnostics (Color 3)
	Welding (Color 4)
	Advanced Diagnostics (Color 5)
	Simulator (Color 6)
	OEM Tools (Color 7)




# Engineering Assumptions & Legend

This page summarizes preliminary assumptions used for generating engineering annotations. All values are placeholders and

## Category Assumptions

Category	Assumed Weight (lbs)	Assumed Load (kW)
Lift	2500	1.5
Compressor	500	7.5
Diagnostics	50	0.5
Welding	300	5.0
Advanced Diagnostics	100	3.5
Simulator	800	15.0
OEM Tools	200	2.0

## Layer Color Mapping

	STRUCTURAL_ANNOT — Color index 1
	MECH_ANNOT — Color index 3
	ELEC_SCHEMATIC — Color index 2

## Summary Counts

Structural annotations (rows): 12  
Mechanical service rows: 12  
Electrical load rows: 22

## Notes

- All values are preliminary placeholders for engineering review.
- Structural: slab thickness default = 8 in unless noted in CSV.
- Mechanical: airflow placeholders indicate required review for fume extraction.
- Electrical: per-equipment loads are estimates; verify with manufacturer data.
- Replace placeholder values with licensed-engineer calculations before construction.