



Division 3
Warehouse Replacement Project
CP # 209027



Metro



Today's Reality at Division 3

An Older Facility Coping with Increased Independence



Metro

Metropolitan Transportation Authority

Today!



- Smallest Storeroom per fleet size in Metro
- More material assets stored outside and exposed to elements than any other location
- Highest usage of emergency delivery services for spare parts than any other location, due to lack of storage capacity
- With present configuration of Maintenance Facility, no room for growth

Today: Outside Storage



Controlled Inventory, Exposed to Elements

Today: Storeroom



Cramped, Land Locked, & Undersized

Today: Outside Storage



Unsecured Assets, Exposed to Elements

Today, Maintenance Shop



Overcrowded, No Room for Expansion

Today: Maintenance Operations



Outside of Shop, Working in Elements

Division 3's SOW (Original Scope)

Goal: Maximize Available Storage Space Capacity

- **Replace, expand, and enclose existing awning.**
 - estimated value \$200K
 - *(Based on recent Rail Awning Projects)*
- **Install high density storage systems for storeroom and awning storage area.**
 - estimated value \$440K
 - *(2 vertical carousels \$120K each, and a Stak System \$200K. Based on recent purchases of like equipment and structure at Rail locations)*

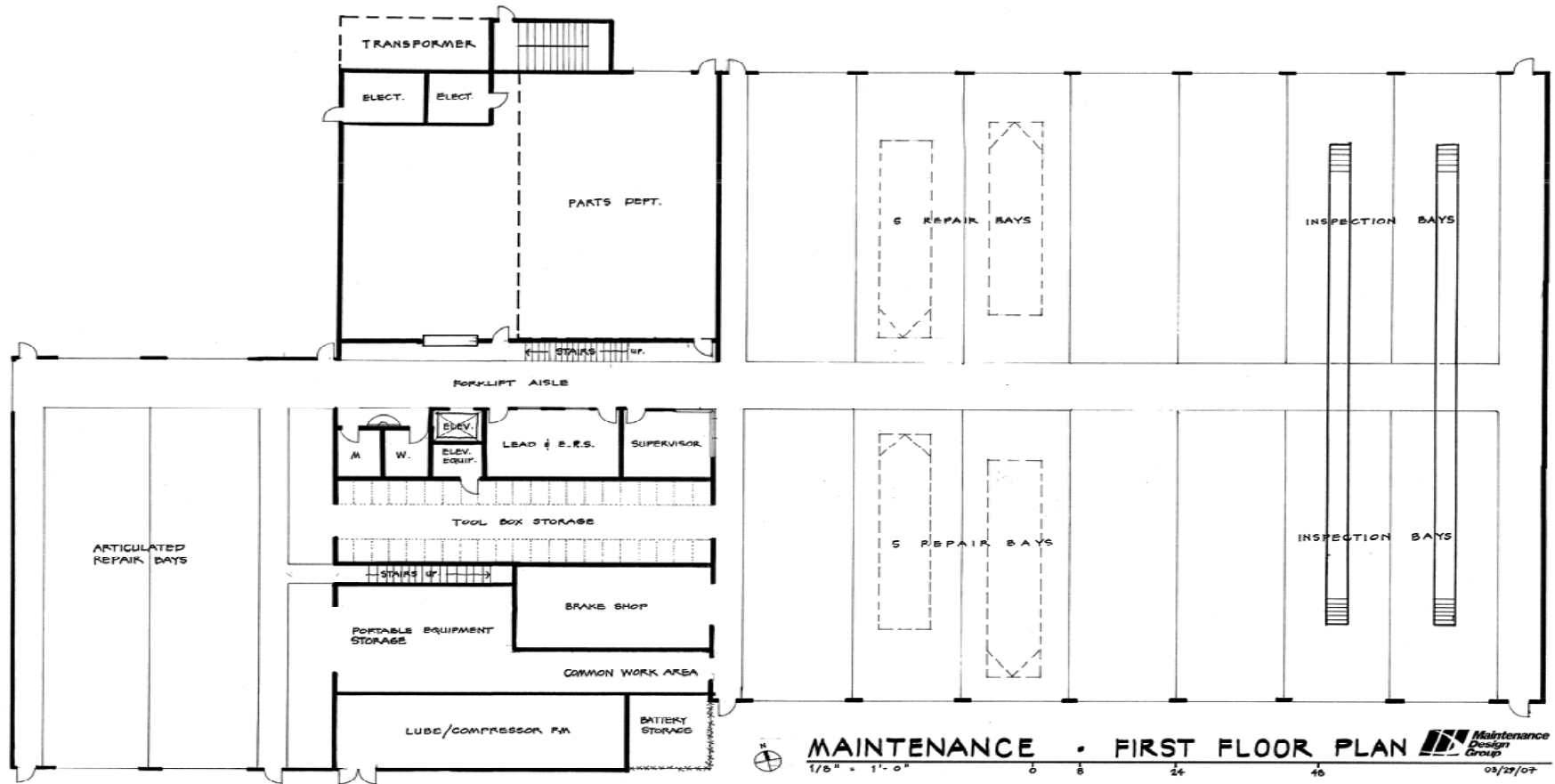
Original SOW: Challenges & Reevaluation

- Any expansion requires relocating some existing maintenance activities
- Consensus on any relocation options
- Consultant required to Master Plan any changes
- Substantial increase in material costs, since project conception in 2004

Revised SOW Necessities

- **Hire consultant:**
 - additional estimated cost \$100K (Completed)
- **Demolish existing maintenance & storeroom facilities,**
 - additional estimated cost \$100K
- **Construct new warehouse facility and replace annexed maintenance activities:**
 - additional estimated cost \$400K
- **Adjustment for increased cost of equipment**
 - additional estimated cost \$100K

Conceptual Drawing of Master Plan

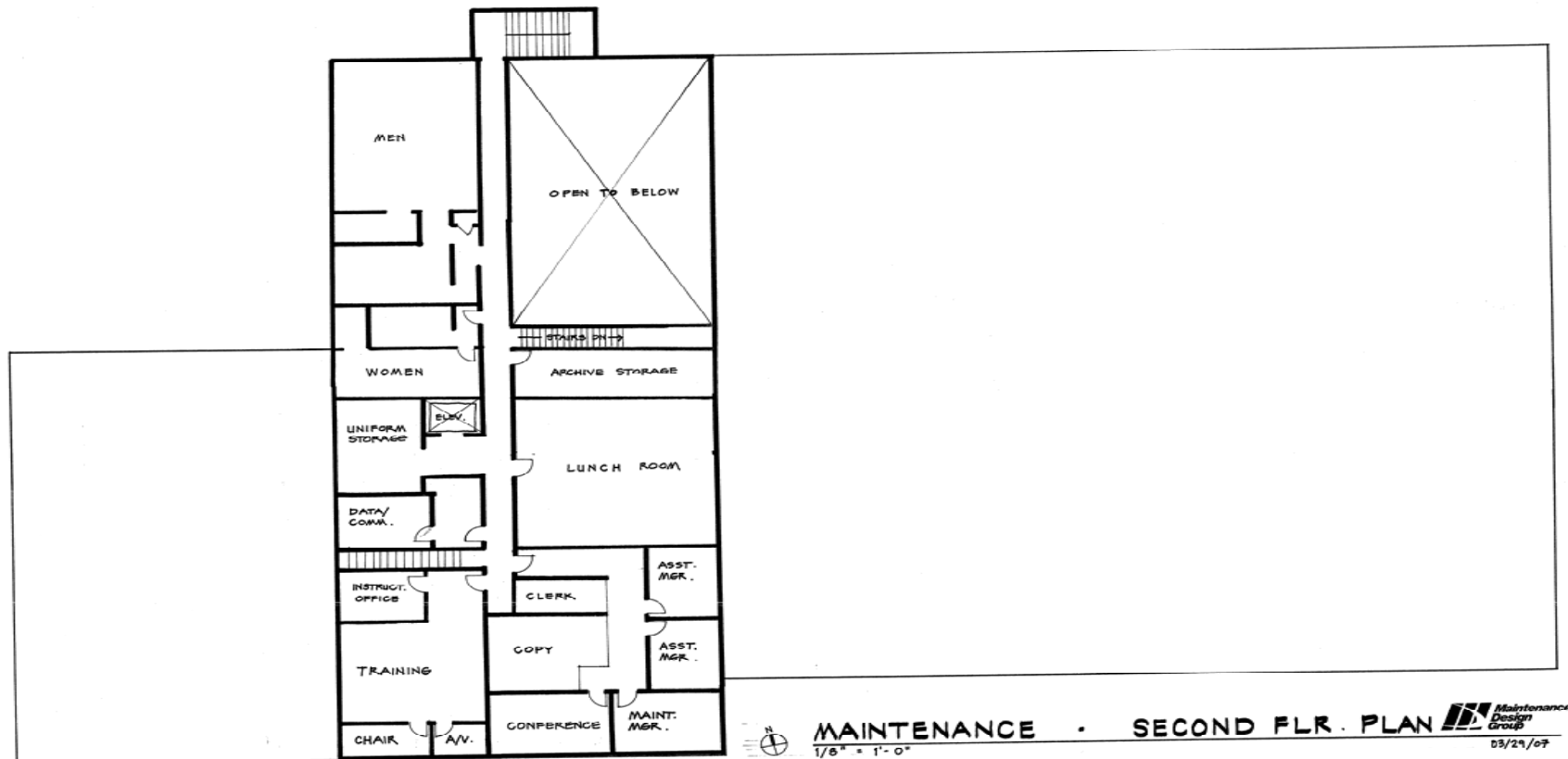


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Note: Proposed project funded by
CPs 209027 and 202239



Conceptual Drawing of Master Plan

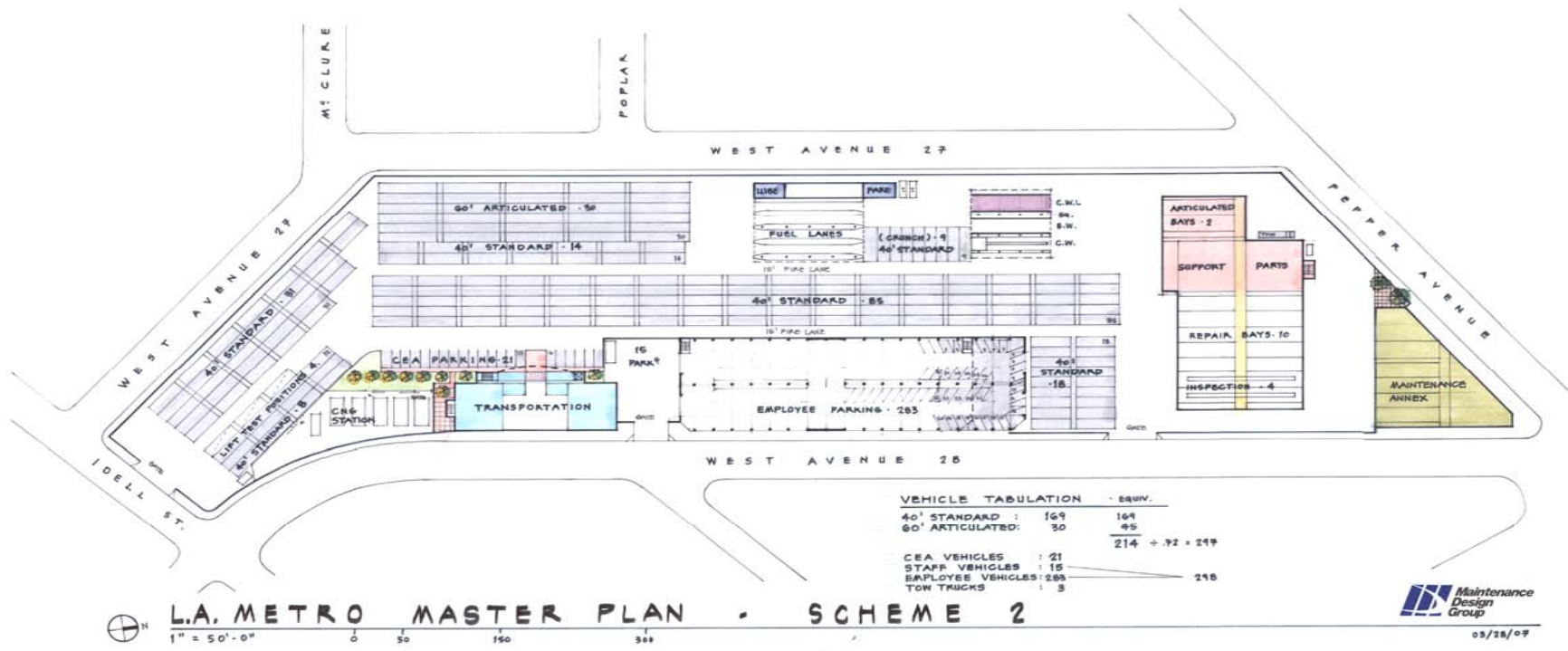


Slide Two

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Conceptual Drawing of Master Plan

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Slide Three

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What the Division 3's Future May Look Like



- Interior views of Gold Line Warehouse, incorporating high density storage systems