

FOOD & NUTRITION SERVICES WAREHOUSE

Mt Diablo Unified School District
PHD ARCHITECTS, Inc. May 2018



MDUSD New Food & Nutrition Services Warehouse and Distribution Operations Final Plan

Dominic Machi, Director of Food & Nutrition Services
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New Food & Nutrition Services Warehouse and Distribution Operations Contribution to Academic Achievement





Food & Nutrition Services Department Meals Served And Procurement Data

- **Participates in the School Breakfast, School Lunch, After School Snack, Supper, and Summer Seamless Food Program.**
- **Food & Nutrition Services serves close to 4 Million Meals Annually.**
- **Food Procurement Annual Expenditure is \$2.8 million to \$3.0 million.**
- **Food & Nutrition Services purchase examples; #33,450 Individual Carrot Packages; #26,000 Salad Greens; #58,000 Bananas; #95,000 Apples; 62,000 Packages of Bread Items; 4000 Cases of Pizza; 4,100 Cases of Chicken Products; 3,800 Cases of Beef Products; and 3000 Cases of Cheese annually.**

NEW FOOD & NUTRITION SERVICES WAREHOUSE AND DISTRIBUTION OPERATION SYSTEM



NEW ROLE AND RESPONSIBILITY OF WAREHOUSE AND DISTRIBUTION OPERATIONS

- **Centralized Warehouse and Distribution Model to support 47 School Site Kitchens.**
- **Increased Level of Inventory Control for Purchased Products allowing Food & Nutrition Services to Manage all Purchases from One Central Location.**
- **Inter-District Procurement System between School Sites and Food & Nutrition Services Warehouse.**
- **Inter-District Distribution System Responsible for providing Higher Level of Customer Service and Product Quality Control.**
- **New Food & Nutrition Services Warehouse will now be able to Store and Distribute over \$700,000 USDA Commodity Products and Department of Defense Produce.**

NEW ROLE AND RESPONSIBILITY OF WAREHOUSE AND DISTRIBUTION OPERATIONS (CONTINUED)

- **Warehouse and Distribution Team will be Distributing 150-500 cases of Product per day depending on Route Schedule.**
- **Warehouse will become the Largest Centralized Cold and Dry Food Storage Facility for a Local Education Agency in Contra Costa County.**
- **Capability to become an Emergency Response Center for Central Contra Costa County if needed during a Natural Disaster or Pandemic.**

NEW FOOD & NUTRITION SERVICES INTER-DISTRICT PROCUREMENT AND INVENTORY SYSTEM BENEFITS

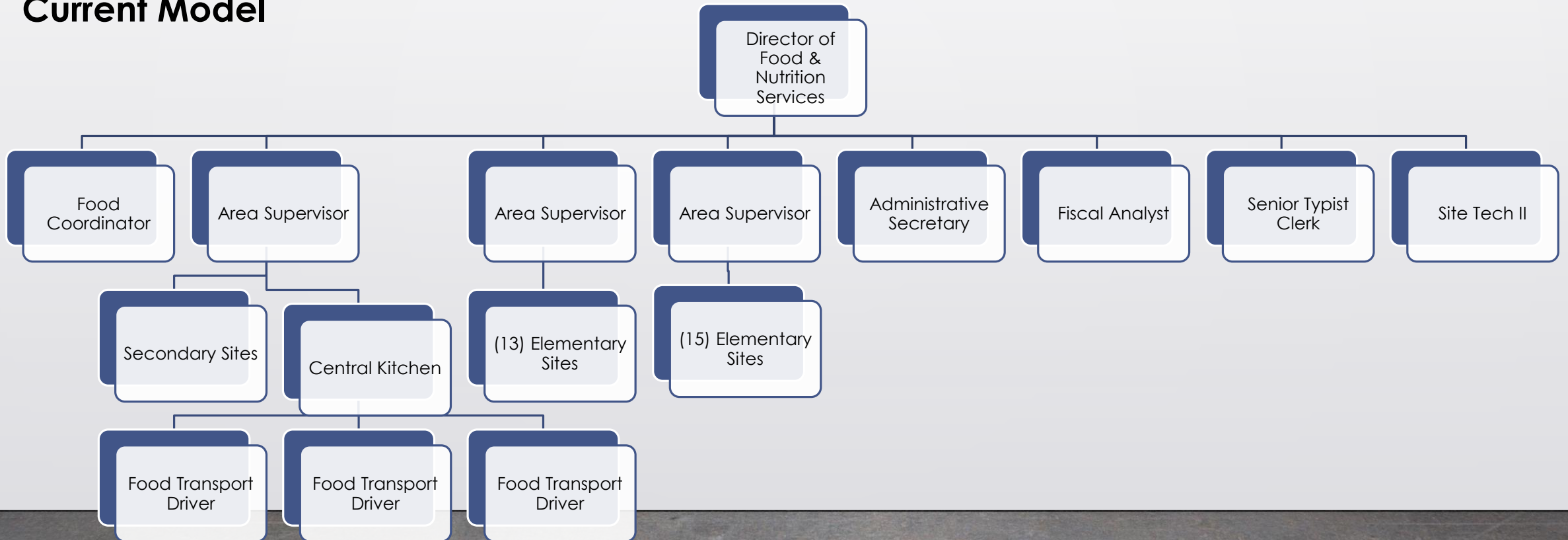
- **Titan School Solutions “Back of the House” Software to be used by Warehouse, Loma Vista Central Kitchen, and 47 School Sites for Procurement and Perpetual Inventory System.**
- **Food & Nutrition Services staff will use Titan School Solutions as One Technology Platform.**
- **Titan School Solutions Software Features: Point of Sale, Meal Applications, Data Reporting, Vendor Procurement, Receiving, Inventory Control, Warehouse Bin Management, Customer Order Fulfillment, Shipping, and Distribution Routing.**
- **Increased Inventory Control and creating a “Just in Time” Perpetual Inventory System reducing Cost of Goods Expenditure.**

ORGANIZATION STRUCTURE FOR FOOD & NUTRITION SERVICES WAREHOUSE AND DISTRIBUTION OPERATIONS



Food & Nutrition Services Warehouse and Distribution Operations Organization Chart

Current Model

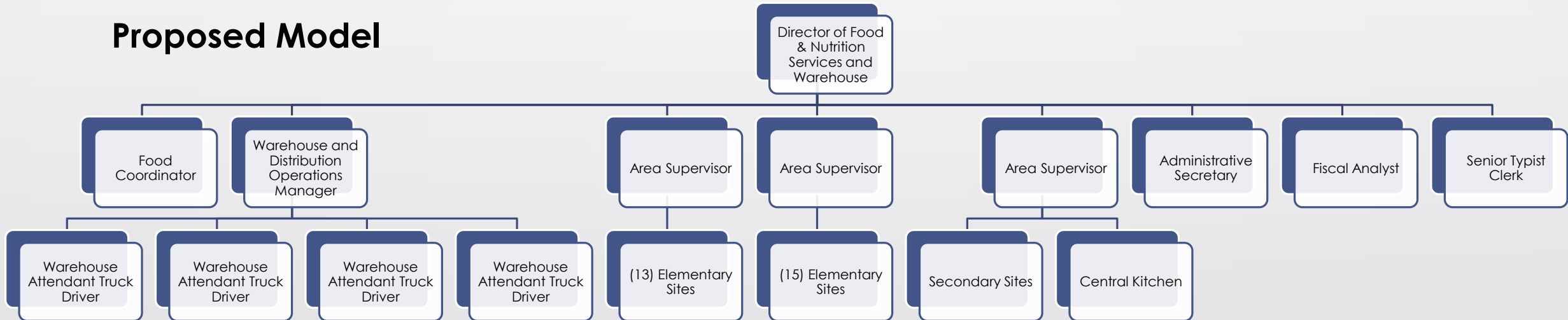


ORGANIZATION STRUCTURE FOR FOOD & NUTRITION SERVICES FOR WAREHOUSE AND DISTRIBUTION OPERATIONS



Food & Nutrition Services Warehouse and Distribution Operations Organization Chart

Proposed Model



NEW FOOD & NUTRITION SERVICES WAREHOUSE AND DISTRIBUTION OPERATIONS FOOD COST REDUCTION SAVINGS AND BENEFITS

- **Broadline Distributor delivers direct to one location delivery point at MDUSD New Food & Nutrition Services Warehouse results in a 20% reduction in Food Cost. $\$2,825,000 \times 20\% = \$565,000$ / $\$2,825,000 - \$565,000 = \$2,260,000$ New Food Cost**
- **New Food & Nutrition Services Warehouse allows for direct delivery to one location from Manufacturers and Farms at 20% Food Cost Reduction.**
- **Net Savings allows for Higher Quality Food to be Purchased and Served to Students.**
- **Net Savings supports Future Reinvestment of Cafeteria Funds into the Food & Nutrition Services Department .**

CURRENT MODEL COST VS. PROPOSED MODEL COST WITH ANNUAL NET SAVINGS

Current

- Food Purchases - \$2,825,000
- Delivery costs - \$12,500
- Personnel Cost - \$366,000

Total Cost - \$3,203,500

Proposed

- Food Purchases - \$2,260,000
- Delivery costs - \$25,000
- Personnel Cost - \$529,000
- Technology Cost - \$28,000

Total Cost - \$2,870,000

Annual Net Savings \$333,500



EAT REAL STANDARDS AND WAREHOUSE AND DISTRIBUTION OPERATIONS

- **Mt. Diablo Unified School District awarded “Green Certification” in October 2020.**
- **The first school district in California and the United States to receive certification under new Eat Real standards program.**
- **New Food & Nutrition Services Warehouse allows the department to have 100% Procurement Control when purchasing products that meet Eat Real Standards.**
- **Manufacturers and Farms have the ability now to Direct Ship higher quality products to the school district for student meals.**
- **Food & Nutrition now has the ability to purchase more variety of products which are lower in sugar, preservative free, sustainable, environment friendly, and Local within California**

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New Food & Nutrition Services Warehouse
Coming Soon!!!
Projected Grand Opening January 2021





Thank you and Questions?