MAIN DISTRIBUTION CENTRE RELOCATION PROJECT

PHASE 1 FINDINGS & RECOMMENDATIONS

MARCH 21, 2014

Presented to:



Revision 1 Version 2

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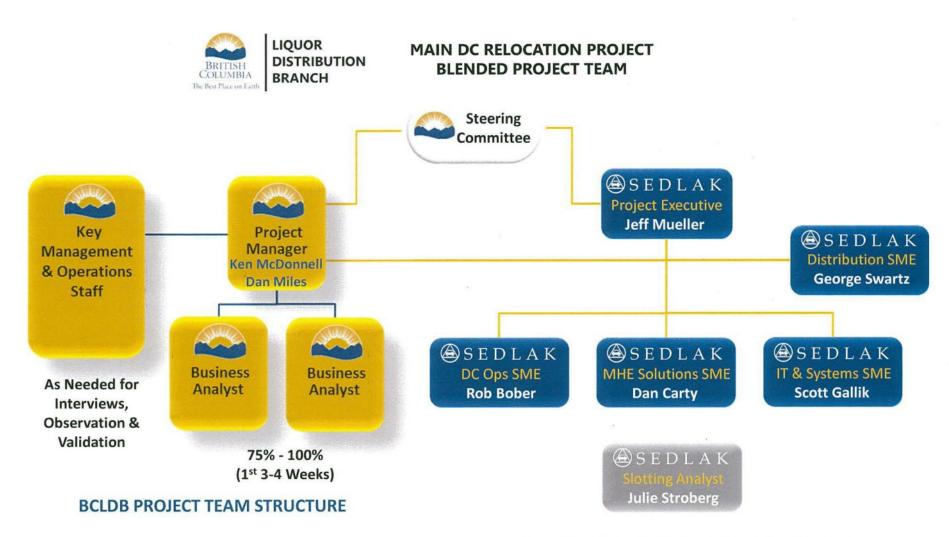
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Introducing Your Sedlak Team





SEDLAK SME PROJECT TEAM STRUCTURE

Our Understanding of The Situation



The British Columbia Liquor Distribution Branch (BCLDB) has been tasked with vacating its 250,000 sq. ft. facility in Vancouver and has selected Sedlak to assist with several key activities, including;



- Identifying, clarifying and documenting the requirements for the new DC (physical space and characteristics to meet distribution goals as well as corporate goals)
- Translating current business volume into a 10-year projection, accounting for growth and other potential business changes



- Site selection and alternatives comparison for the new DC
- Identification of DC Ops best practices that can be incorporated into the new DC



- Identification, assessment and recommendations for material handling solutions and automation that would enhance/improve DC operations and efficiency
- Facility layout and flow recommendations and conceptual design



- Facility organization and staffing recommendations
- Systems requirements and solution options to properly enable the new DC

In addition to the strategy, planning and design activities listed above, the BCLDB would like the SME firm to be capable of assisting with detailed design and implementation of the new facility, should both parties agree.

3-Phased Program Approach





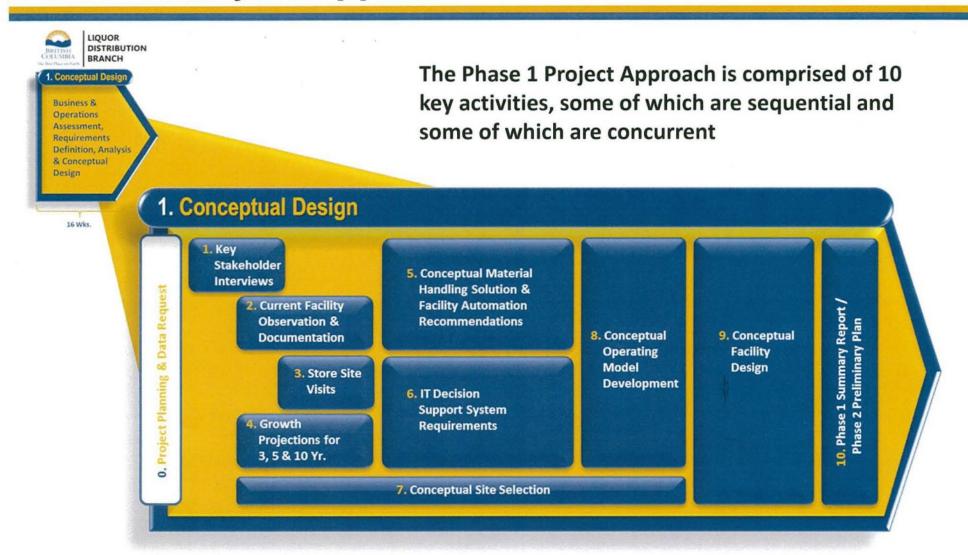
LIQUOR DISTRIBUTION BRANCH

MAIN DISTRIBUTION CENTRE RELOCATION PROJECT SUBJECT MATTER EXPERT (SME) APPROACH



Phase-1 Project Approach Overview





This phase focuses on detailed requirements definition, conceptual facility design and site selection strategy. This is accomplished through a series of structured activities, observations, analyses and interviews.

Key Activities & Milestones Recap



- 11/13/13 Project 'Meet & Greet' Kick-Off Meeting
- 11/13-15, 18-22/13 LDB Operations Review & One-on-Ones
- 12/9-11/13 LCBO Site Visits w/Ken McDonnell & Donna Mohn
- 12/18/13 'Big Ideas Workshop'
- 1/21-24/14 LDB Operations Review, '231 Depot' & Store Site Visits
- 1/27-28/14 Wirtz Beverage & Horizon Beverage Facility Tours w/Ken McDonnell
- 1/29-30/14 Operating Statistics & Concepts Review w/Ken McDonnell Cleveland
- 2/3-21/14 Conceptual Design & Report Prep Including Weekly & Bi-Weekly Calls
- 2/14/14 Real Estate Costs & Options Discussion w/Bob Tougas & Stuart Morrison
- 2/26/14 Initial Tour of Potential Facility Sites
- 2/27/14 Executive Review #1 7% growth model
- 2/28/14 End of Phase 1 Activities
- 3/3/14 'Bridge' Phase Commences
- 3/21/14 Executive Review #2 2.5% growth model





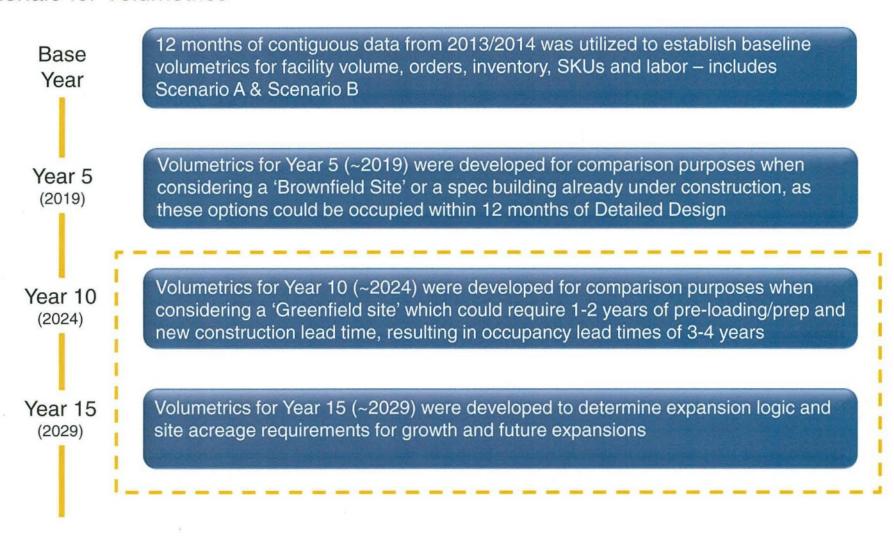
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Volumetrics – Background



Rationale for Volumetrics



Volumetrics – Primary Changes



7% Growth/yr.



2.5% Growth/yr.

100% of Scenario B Reserve Stock



4 wks. max of Scenario B Reserve Stock

BCLDB Build-to-Suit and Own Land & DC



Developer Build-to-Suit and Lease to BCLDB

42' Clear Ceiling Height facilitating 6-High Pallet Rack Configurations



40' Max Ceiling Height to Allow ESFR Resulting in 5-High Pallet Rack Configurations (higher requires in-rack sprinklers & variances)

'Brownfield' Site Would Allow BCLDB to Start at 5-yr. Growth Plan



'Build-to-Suit', even on Pre-Loaded Site, Pushes Design to Start With 10-yr. Growth Plan w/Land for 15

Volumetrics - Base Yr. / Yrs. 5/10/15



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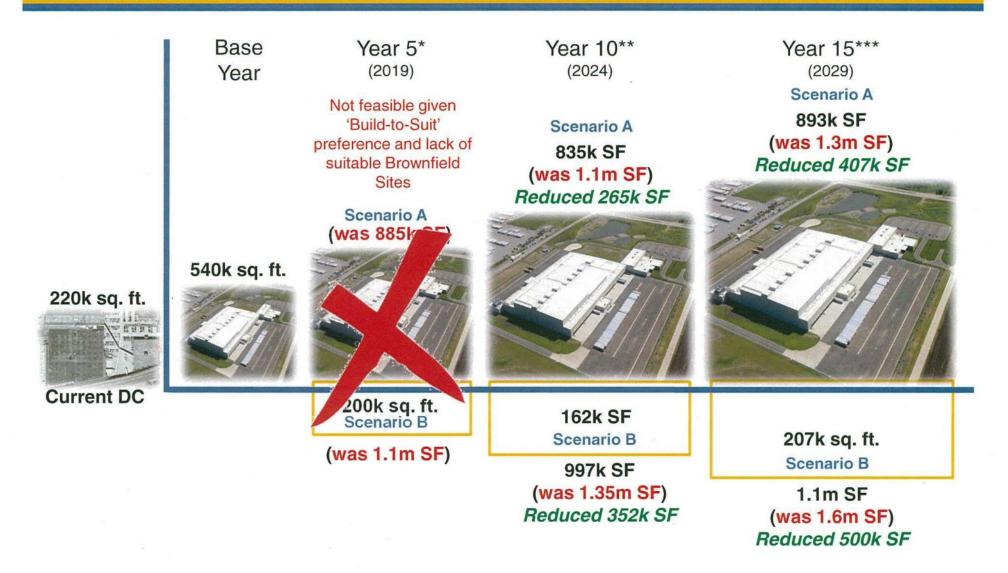
Volumetrics - Base Yr. / Yrs. 5/10/15



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Volumetrics – Revised Ft² Estimates





^{*} Existing Structure ** Pre-Load & Build ***Expansion Logic/Site

Volumetrics – So..., What is the Impact?



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Volumetrics – Productivity Standards



- Receiving
- Putaway
- Replenishment
- Case Picking Reserve 'Man-Up'
- Case Picking Pallet Pick Module
- Single Bottle Picking Pallet Flow Pick Module
- Single Bottle Picking Case Flow Pick Module
- Single Bottle Picking Bin Shelving Pick Module
- Order Consolidation Pallet Building
- Outbound Order Wrapping & Staging
- Outbound Order Loading

26 pallets/Man Hr.

15 pallets/Man Hr.

15 pallets/Man Hr.

90 cases/Man Hr.

180 cases/Man Hr.

180 bottles/Man Hr.

150 bottles/Man Hr.

85 bottles/Man Hr.

5 pallets/Man Hr.

48 pallets/Man Hr.

14 pallets/Man Hr.



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Key Business Concept Recommendations





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Key Operating Concept Descriptions



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Key Operating Concept Recommendations

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All Product Received on Pallets – De-Stuffing Stays at Container World

Reserve Storage in Pallet Racking (Single & Double Deep, 3-Deep Pushback Rack) Single & Double Deep Selective Rack in '5 Level Configuration, 3-Deep Push Back in '4 Level Configuration

All 'Picks' From Pick Modules Are Conveyed to Ship-Sorter

All Case Picks From Reserve Storage Are Inducted to Ship-Sorter Through 'Throw-On Area'

All Pick Modules Are Designed for 4-Level Operations 'Promo & Push' & Non-Stock Picks From 'Flex Project Pick Module' in Waves 'Single Bottle' Picks From Case Flow / Bin Shelving Bottle Pick Module by Order 'Cross-Dock' & 'Quick Turn Push Product' Stored in Floor-Stack Staging Area

Full-Pallet Picks & 'Slow-Moving' Case Picks From Reserve Storage in Waves

'Fast-Moving' Case Picks From Case Flow/Pallet Flow Pick Module in Waves

Key Operating Concept Recommendations



Consolidation Sorter Is Utilized to Sort All Cases & Cartons to Appropriate Lane Consolidation-Sorter Scans All Cases & Cartons to Send to Correct Divert Lanes For Accumulation Automated
Consolidation Sorter
Sorts Cases & Cartons
Into Accumulation
Lanes For Pallet Build

Personnel Sort Cases
& Cartons Onto
Correct Pallet From
The Accumulation
Lane

Wholesale & Licensee Pick-Up Orders Are Staged In 'Will Call' Staging Area

Pre-Picked Orders Are Staged In 'Pack & Hold' Staging Area

Outbound Orders Are Staged In Reverse Route Sequence Order In Outbound Staging Lanes 'Shrink Wrapped'
Pallets Are Scanned &
Picked Up From Pallet
Accumulation
Conveyor

Completed Pallets Are Picked Up & Placed On Pallet Conveyor For Shrink Wrap Station Each Order
Accumulation Lane
Accommodates 2
Orders
Simultaneously

Cases & Cartons Go Into Recirculation Lane If Accumulation Lane Is Full

Mis-Scanned Cases & Cartons Are Routed Into 'Hospital Lane' For Re-Scanning or Disposition

Additional Concept Recommendations



'High-Value' Storage Cage Adjacent To Dock - Product Picked & Added to Order

Completed Routes Will Be Loaded on Trailers & Staged in Trailer Yard

Store Fixtures & Supplies Picked Form Designated Storage Areas

All Outbound Orders Will Be Shipped on Pallets

Cases/Cartons Verified at Pick, Divert & Pallet Build for 'Triple-Check'

Security Gate for Arrival and Departure of Tractor Trailer Traffic & YMS Control

Returns/Damage/Recycling Area focused on recouping Recycling \$\$





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Receiving Operations

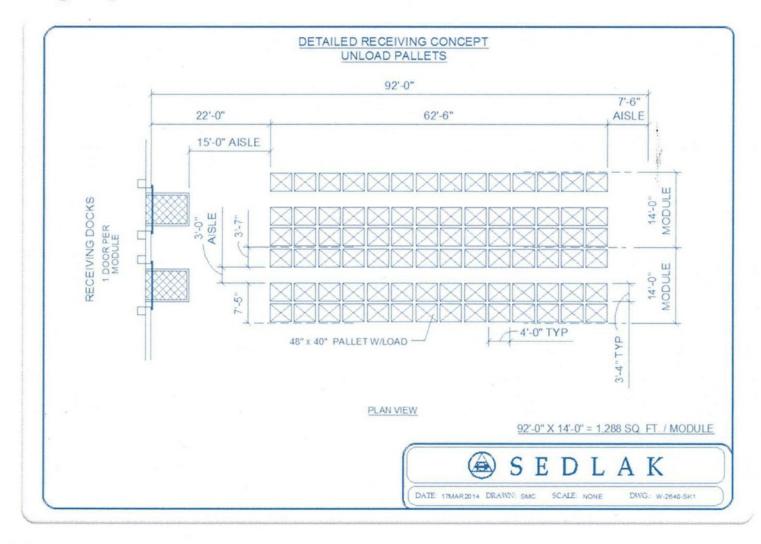
The facility will include designated receiving docks for all inbound offloading activity. The yard driver will place the trailer for off loading into the assigned dock and secure the trailer for unloading. The YMS will interface with the WMS and indicate the trailer is available for unloading.



- Full Pallet Trailers will be unloaded by lift truck drivers. The lift truck driver will log into a vehicle mounted computer and the Warehouse Management System (WMS) will identify the trailer load for unloading.
- The lift truck driver will apply a generic bar code label to each pallet, use a tethered vehicle mount scanner to scan the SKU on the pallet and scan the generic bar code label. This assigns the inventory on the pallet to the generic label now know as the pallet label
- The lift truck driver will off load each pallet and place them into a receiving staging area for put away. The lift truck driver will scan a location label in the receiving staging area and the WMS will identify that each pallet is in that area



Receiving Operations





Reserve Storage

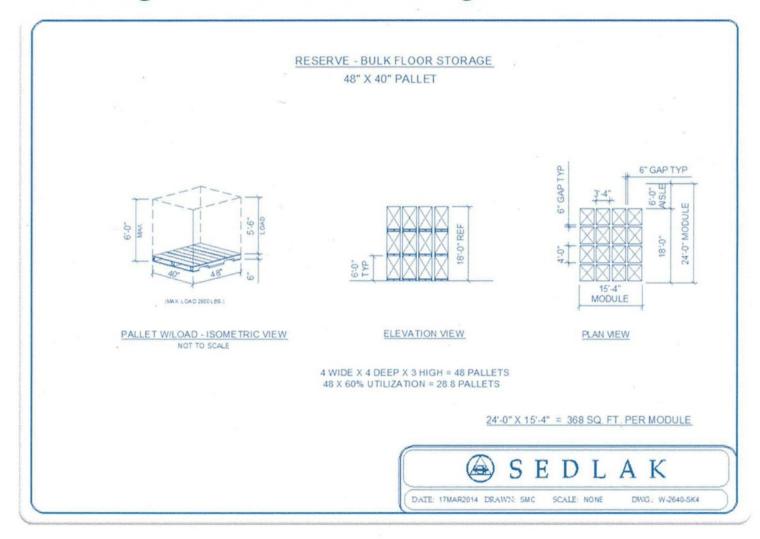
The facility will include storage areas for full pallets on the floor, full pallets in pallet rack, and full and split case inventory in pick modules.



- The lift truck driver will sign into the WMS, scan into the location of the receiving staging area and receive direction for pallet put away. After The lift truck driver will scan a pallet in the staging area and the WMS will direct the lift truck driver to a reserve put away location.
- If the directed location is to floor storage the driver will take the pallet to that location scan the location place the pallet into that location and return to the receiving staging area. If the directed location is a pallet rack location the driver will take the pallet to the aisle of the pallet rack place the pallet there for the turret truck operator to put the pallet away.
- In the event the pick module requires replenishment the WMS will direct the pallet put away to the pick module. However, most replenishments will begin in the Reserve Storage areas by taking inventory from the floor and pallet rack locations to the full case pick modules.

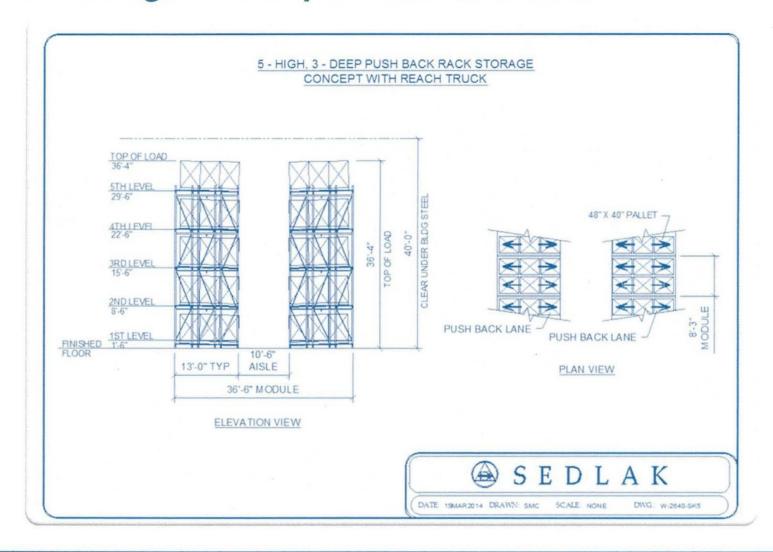


Reserve Storage - Bulk Floor Storage



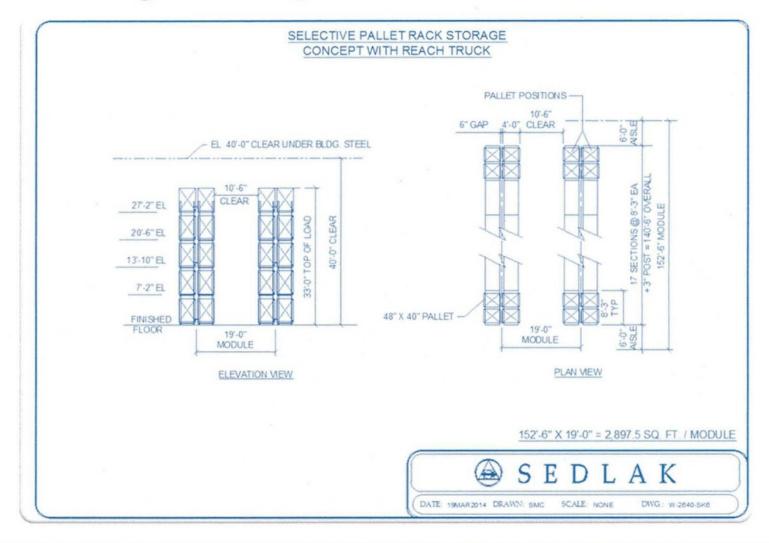


Reserve Storage – 3-Deep 'Push-Back' Rack



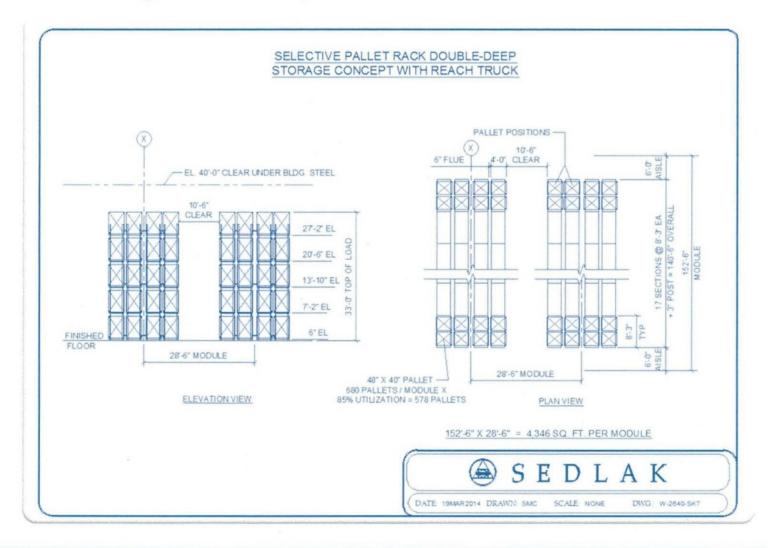


Reserve Storage – 1-Deep Selective Rack





Reserve Storage – 2-Deep Selective Rack





Picking

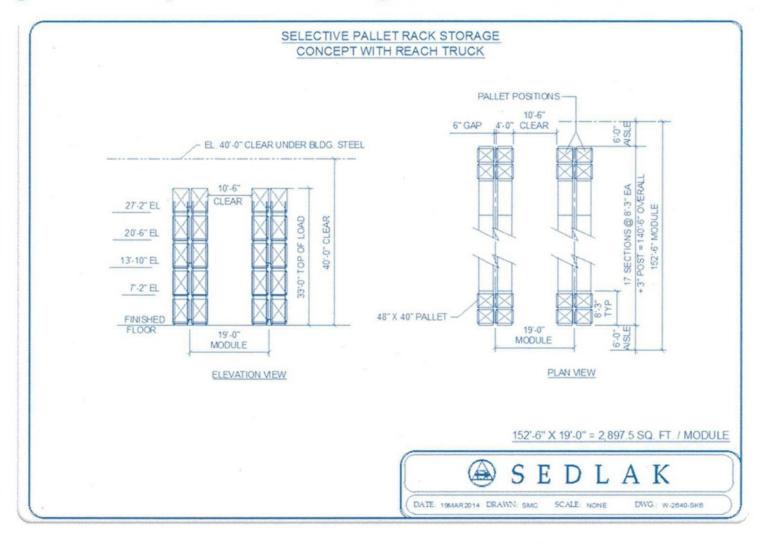
The facility will include designated areas for picking. Full pallets may be picked from any level in Reserve Storage, 'slow-moving' case picks will be picked from Reserve Storage, remaining full case and split case bottle picks will be picked from specific pick modules.



- Pick Associates that pick from floor and pallet rack locations will sign into WMS that will direct the associate to the pick location. The associate will scan confirm the location and the bar code on the pallet to complete the pick and take the pallet to the shipping staging area from the floor pallet area and to a drop zone at the end of the aisle from pallet rack locations.
- Pick Associates in the pick module will be assigned to pick zones with pick face locations consisting of the faster moving SKUs. The picker will be given preprinted bar coded pick tickets that the WMS has designated as a wave of orders. Pick-to-Voice system will allow the associate to confirm the pick has taken place.
- Associates picking individual bottles will be directed by the WMS, via Pick-to-Voice to make the pick and confirm the pick has taken place. Associates will pick bottles into the shipping container and apply a bar code label on the shipping container and place on the conveyor to be taken to the sortation system.

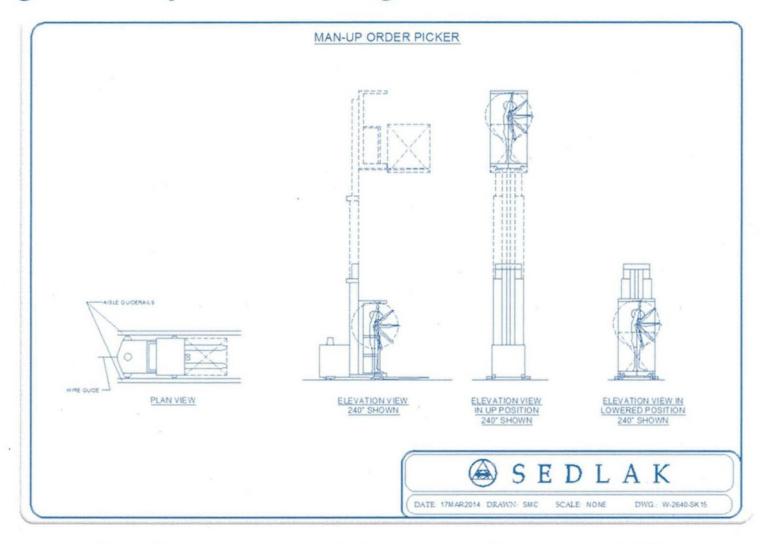


Picking - Man-Up Case Picking From Pallet Rack



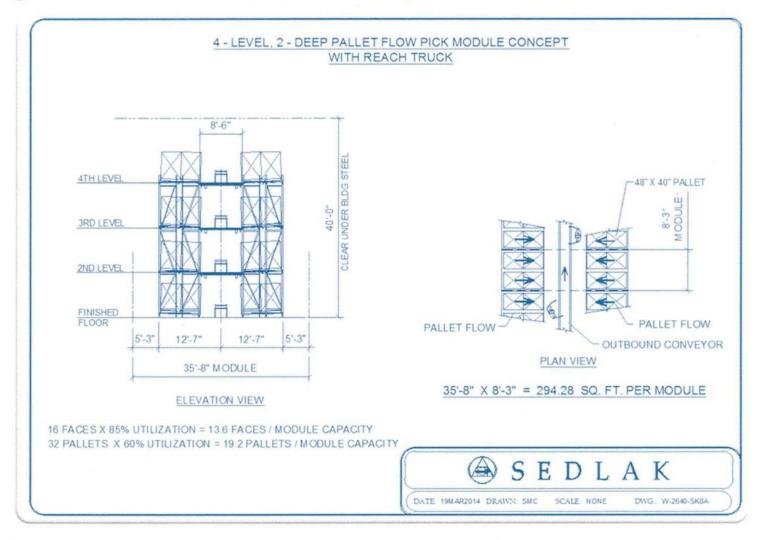


Picking - Man-Up Case Picking From Pallet Rack



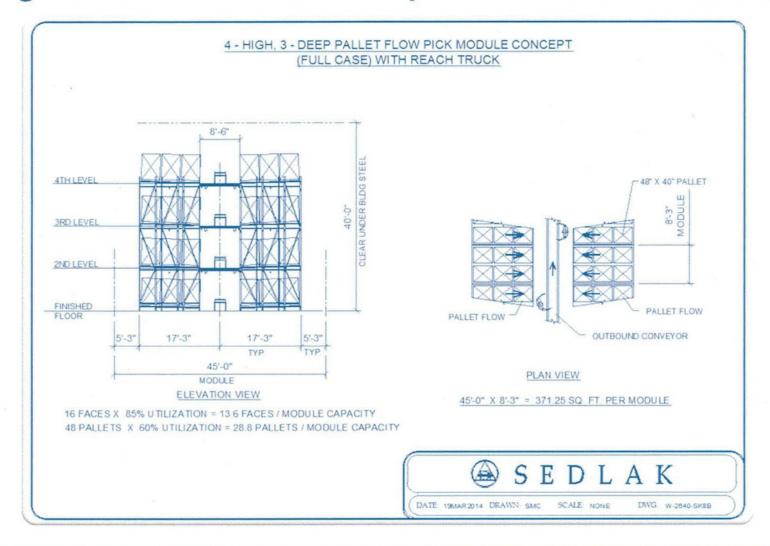


Picking - Case Pick From 2-Deep Pallet Flow Pick Module





Picking - Case Pick From 3-Deep Pallet Flow Pick Module

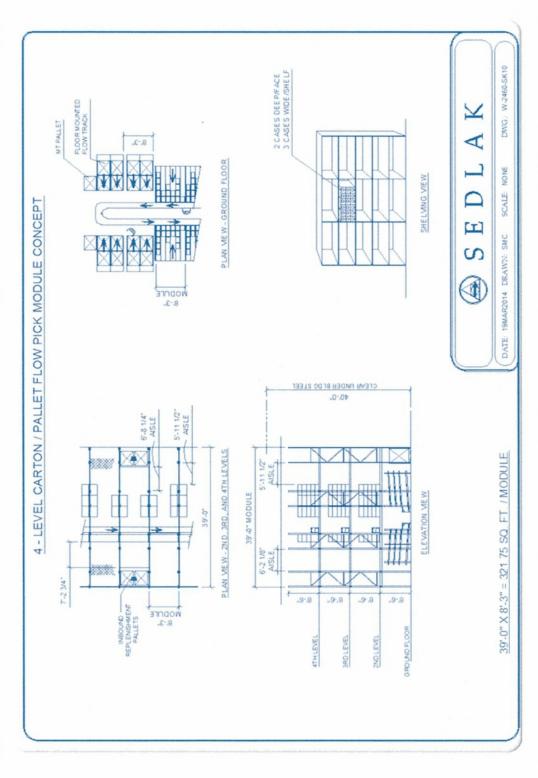


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Material Handling & Storage Concepts



Picking – Bottle Pick Module w/Multiple Pick Media Types





Sortation & Pallet Building

All picked cases will be sorted using a 'Consolidation Sorter' conveyor system. The sortation system is a power conveyor that diverts cases assigned to a down line for pallet build. Each down line represents the order within a wave of orders to be built to pallet for loading and shipping.

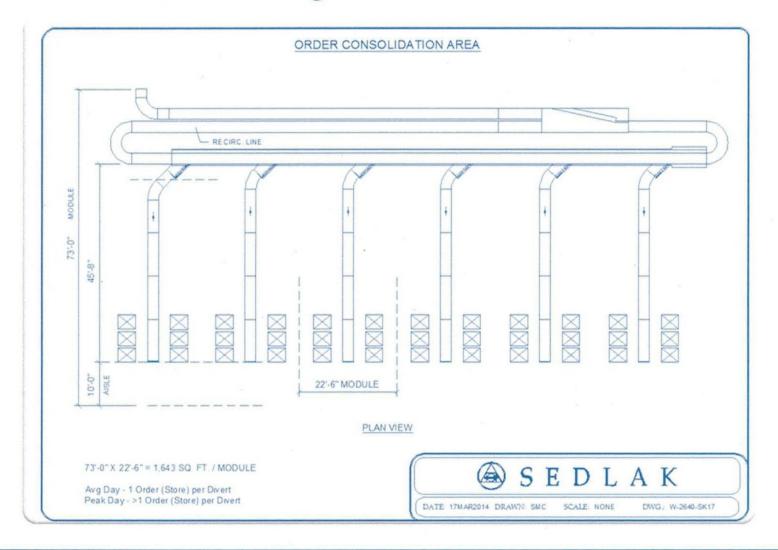


- The sortation system is directed by the Warehouse Control System (WCS) that is interfaced to the WMS and identifies to the label that has been placed on the shipping container.
- As the shipping container label is scanned by the sorter it diverts the container to the appropriate down line in order sequence. As the container arrives at the base of the down line the pallet building associate will take the shipping container and place it into the appropriate pallet for the order.
- When the pallet-builds are complete, the pallet is sent to shrink wrapping station
- When shrink-wrapping is complete, the pallet is staged in appropriate location



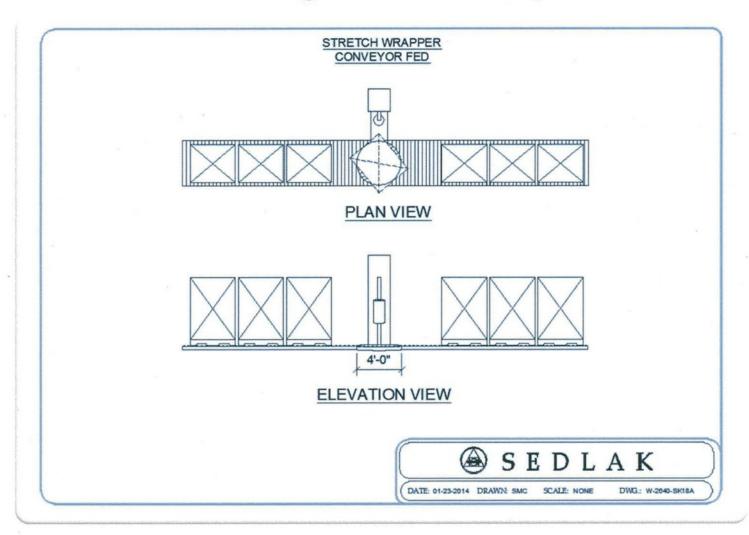


Sortation & Pallet Building – 'Consolidation-Sorter'





Sortation & Pallet Building – Stretch Wrap Station





Outbound Shipment Staging

The facility will include designated shipping docks for all outbound loading activity. The YMS and the WMS will interface allowing each trailer to be assigned via the system for pallet loading into the assigned trailer.

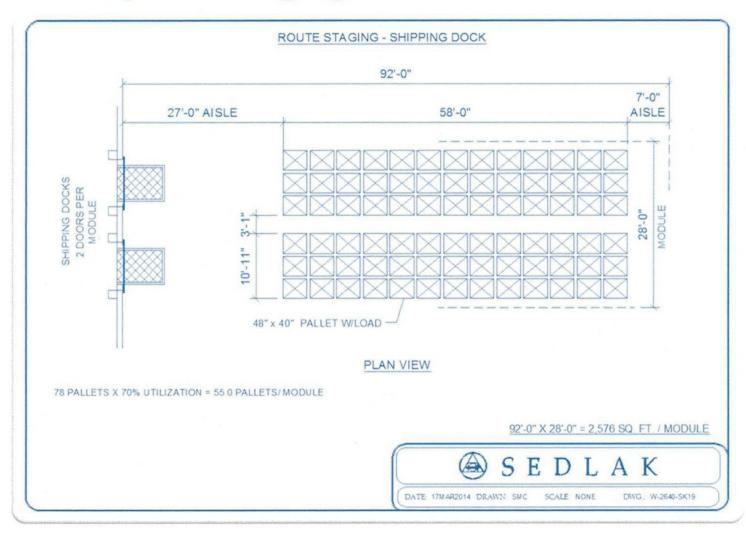


- A double deep Pallet Jack will be used by the loading associates to take shipping pallets from the shipping staging area to the appropriate dock for trailer loading.
- The loading associate will log into the WMS and identify the shipping station location by scanning it and then scan the pallet the WMS directs the associate to for loading.
- The associate will scan the pallet label at time of pallet pick up and travel to the directed dock door. Upon arrival at the door the associate will scan verify the dock door and place the loaded pallet into the trailer.
- When the trailer loading is complete the WMS will alert the YMS that the trailer is ready to moved to the yard.





Outbound Shipment Staging



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Information Technology Requirements



Distribution Center Systems Overview



Information Technology Requirements



Recommended Distribution Center Systems

Warehouse Management System (WMS) main functionality is to control the movement and storage of products within a warehouse and process the accompanying transactions: receiving, putaway, picking, and shipping – deployed in Main DC and up to 4 Depots

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Warehouse Control System (WCS) directs the real-time activities within distribution centers. It provides a uniform interface to a wide range of material handling equipment such as conveyor systems, sorters, palletizers, AS/RS, etc

Labor Management System (LMS) manage and track labor activities, including real-time interaction with WMS and WCS systems, collecting data on what workers are doing; locations visited, equipment used, paths traveled, and inventory handled

Yard Management System (YMS)

serves as the bridge between the WMS and transportation. controlling yard activities and scheduling arrivals and departures at the dock doors, reducing traffic issues and truck waiting times

Transportation Management System (TMS) develop outbound routes and stop sequence loading instructions, including planning and decision making, Transportation Execution, Transport follow-up, and Measurement.

Information Technology Requirements



Recommended Distribution Center Technology

RF Enabled Bar Code Scanning Technology Radio Frequency devices that provide interface with associates to provide directed activities, order information, Bar Code Scanning, inventory and activity updates – hand held, mounted devices and inline devices including laser and optical scanners

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RF Enabled Voice Picking Technology

Voice systems provide hands free lifting and transport of goods without burden of carrying IT/RF related equipment by associates. Device can be trained for different languages and dialects

Guide-by-Wire Enabled VNA Lift Trucks

Technology utilized to guide material handling equipment in tight spaces where moving in a straight line is of critical importance, generally involves a buried wire in the warehouse floor (\$2.50 per linear ft.)

Warehouse Slotting Tool

Slotting tools use SKU order velocity to calculate and rank items, mapping the warehouse and determining where individual products should be assigned to create the most efficient picking operation

Forecasting & Demand Planning Tool

directs inventory buying strategies and ensures in-stock availability at stores and other sales channels, as well as determining optimal inventory stocking levels at the DC and Depots



Within the Warehouse Management Systems (WMS) industry, vendors compete in several segments of the market:

ERP

Enterprise Resource Planning vendors have applications or modules within their product lines for WMS functionality. These offerings have traditionally been weaker than 'Best of Breed' counterparts and were generally included in ERP licensing. In recent years, ERP vendors have closed the functional gap considerably, either through R&D or acquisition, and satisfy most requirements for low to medium complexity operations. However, the chief benefit of these offerings, especially for the market leaders, is tight integration within the ERP suite. They are generally not viable outside of that context. By far the largest ERP vendors are:





Best of Breed

A number of firms offer stand-alone WMS products which can be configured for application across a number of industry verticals. They are generally functionally very rich and can satisfy complex, high volume distribution operations without major modifications. They may be differentiated in the depth of functionality applicable to any one industry segment (retail, grocery, process industries, etc), the breadth of complementary supply chain management offerings or technology platform. Leaders in the 'Best of Breed' category are:











Mid-Market

With elements of both ERP and 'Best of Breed' categories, these systems targeted at small & medium sized businesses either with stand alone applications or integrated into a suite of applications. Although functionally capable, they typically have a limited feature set and compete on price & ease of implementation. Some prominent players include:







Niche Players

There are many dozens of smaller firms, that either offer solutions tailored to a particular type of operation. Some have built 'WMS-like' functionality on warehouse automation control systems, others evolved from corporate development shops have been re-tooled to provide highly scalable solutions, usually customized to complex distribution environments. A very small sample of these types of offerings include:









Supply chain execution vendors and their WMS applications come in all shapes and sizes and it seems, go to great lengths to frustrate direct comparison. A brief survey along the dimensions of Functionality, Technology Choices and Services will help to understand the choices/trade offs available.

Functionality

Whether by careful product strategy, industry pedigree or push from customer base, each vendor will have relative strengths and weaknesses in their WMS application. Examples include retail functionality for item hierarchies, order consolidation, customer routing guides and VICS compliant labeling; support for GMP like traceability, strict lot control, expiration date tracking; third party functionality for multi-tenant inventory controls and processing rules, activity billing & labor management.

Technology

Choices regarding technology stack have deep implications for ease of use/acceptance, performance and total cost of ownership. While open systems based SOA is the most preferred platform choice for a low cost forward integration, tried & true midrange iSeries servers are still highly regarded for their stability and performance in high transaction environments, although with a few exceptions, so-called 'Green Screen' user interfaces have given way to configurable, "point & click", web-based screens. Microsoft .Net technology is featured prominently in number of offerings, particularly, but not exclusively in the low end of the market.

Services

Professional services are another area that is all over the board. Some vendors rely mainly on technicians for implementations, others have functional consultants supported behind the scenes with developers and many use VAR channel partners to sell, implement and support their customers. As important to implementation success as the software itself, this is often as secondary consideration during vendor evaluations.

Costs

There was a time that cost was a reliable differentiator in the marketplace, but as so many WMS projects have been shelved during the recession, all of the vendors are 'hungry' and license & service costs can be aggressively negotiated as never before, particularly with the publicly traded companies. For this reason, Cost in the following pages, is simply a High-Medium-Low rating to indicate relative costs under 'normal' market conditions.





ERP Leaders

Vendor/ Product	ORACLE Oracle Warehouse Management	SAP EWM	
Cost:	High	High	
Functionality:	Highly configurable workflow/rules engine, but component functions not as robust as best of breed offerings.	Overall functionality suitable for medium complexity operations. Good specific functionality for service parts environment.	
	Tight integration within eBusiness Suite	Tight integration with ERP, but also functional in a distributed mode	
Technology:	Oracle technology stack	SAP Netweaver	
Services:	Highly competent technicians, but lacking in distribution/ fulfillment expertise	As a relatively new offering, pool of capable talent is limited.	
Point of View:	Oracle continues to support WM modules in a number of its acquired applications suites (JDE, Retek) and will likely continue to support the installed base, but OWM is clearly the future direction for eBiz	Flagship WMS module for SAP, expect continued investment to challenge best of breed in the future. ERP WMS continues to be supported due to large installed base	
	More work to be done to compete in retail.		



"Best of Breed"

Vendor/ Product	MANHATTAN WMOS	RedPrairie wms/D	
Cost:	High	High	
Functionality: Highly functional, incorporates most of the functionality from iSeries offering with a webbased graphical user interface.		Highly functional - strong lot control, work order functionality, weakness in Direct to Consumer order assembly/packing.	
	RF options poorly designed. Weakness in work order functionality	Strong references in Pharma, 3PLs	
Technology:	C++, HPUX/Unix/Oracle/DB2. Highly normalized database makes reporting complex/costly. Significant issues integrating with WCS in high band-with, high transaction volume automated environments C++ within proprietary SOA framework (May available in broad choice of technologies - Wintel/Unix / Linux		
Services:	Well developed implementation methodology, but quality of implementation dependent on individual assigned talent, particularly for smaller customers.	Highly dependent on individual talent - project team must be thoroughly evaluated	
	Complex operations continue to pose challenges for consultants.		
Point of View:	Flagship product for market leader; continues to evolve. iSeries product still viable to due advanced functionality & massive installed base. Notable reference: PetSmart	Flagship product for on-premise WMS. Integral component of company vision for end to end service offerings.	



"Best of Breed"

Vendor/ Product	Highlump'	Warehouse Advantage	(NED	WM9
Cost:	Medium		Medium	
Functionality:	Good functionality/integration in manufacturing distribution environments. Good direct store delivery functionality. Suitable for medium complexity operations.		Functional for medium complexity operations. Reflecting EXE roots, Good grocery & 3PL specific functionality (multi-owner inventory, rules by entity, billing). Busy user interface.	
Technology:	Unique architecture allows almost limitless configurability via proprietary business process modeling .Net technology stack		Although touted as a re-write of EXE4000 for SOA, large segments of "legacy" C code have been encapsulated in Java wrapper could indicate weakness in dev staff, watch for performance issues. Java, Websphere/AIX/Oracle	
Services:	Offers starting industry templates & in-depth training, but requires discipline on the customer for successful implementation.		Decent services reputation, however, there has been high turnover in staff. Thorough due diligence recommended.	
Point of View:	Since acquisition by VC gr long term strategy unclear		INFOR has competing proindications are that WM9 wWMS. WM2000 is also maclients.	will be centerpiece



Mid-Market

Vendor/ Product	Accellos	.Microsoft Dynamics	EPICOR.
Cost:	Medium	Low to Medium	Medium
Functionality:	Solid functionality for medium complexity warehouses.	Basic functionality only	Suitable for medium complexity operations
Technology:	C++, Powerbuilder, Windows. User interface is somewhat cluttered	Microsoft Dynamics Platform	SQLServer, Webservices
Services:	Configuration relies on hundreds of flags/switches, can be cumbersome /error prone.	Usually implemented though VAR channel	
Point of View:	Accellos acquired RadioBeacon in 2006, as the WM offering to build out its suite of mid-market supply chain products. New investment will likely continue to be around complementary products rather than upgrades to core functionality.	Three versions depending on what 'flavor' of dynamics is implemented AX, NAV or GP. Channel partners often customize for their markets/customers.	EPICOR's WMS offering is part of its ERP and not suited to stand alone implementation.



Niche Players

Vendor/ Product	ASAP EXACTA	Warehouse Librarian	Knighted® An Intelligrated® Company
Cost:	Low	Low	Low to Medium
Functionality:	Basic WMS functionality for small distribution operations. Tight MHE integration.	Basic WMS functionality for small distribution operations. Tight MHE integration.	Highly functional, scalable solution, primarily for retail. Very intuitive, webbased user interface and excellent functionality for slotting in high SKU count environments. Unique multichannel capabilities
Technology:	Windows, SQLServer	Windows, SQLServer	Java/RPG, Websphere/DB2
Services:	See below	Similar to BMH, Intek offers a facility design & automation services, in addition to WMS implementation.	Lacking a formal methodology, Knighted's approach is not for everyone, but they are extremely customer oriented. Great ongoing support, often acts like extension of the client's IT dept.
Point of View:	Subsidiary of Bastian Material Handling, develops software solutions complementary to the services in engineering design & automation Notable reference: Drs Foster & Smith	One of a number of vendors building WMS functionality on top of warehouse control systems offerings. Applications generally grow through customer funding versus dedicated R&D. Notable references: Petco, Animal Supply Company	As a niche player, long term viability is always an issue, but recurring revenue from existing client base for enhancements & new installations should temper concerns. Truly unique vision & approaches for warehouse functionality.



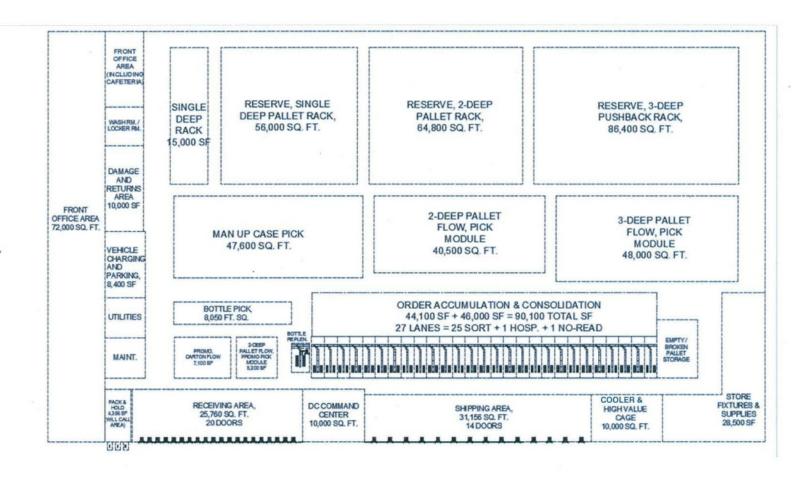
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Scenario A - 10 yr. (2023) Facility Block Layout

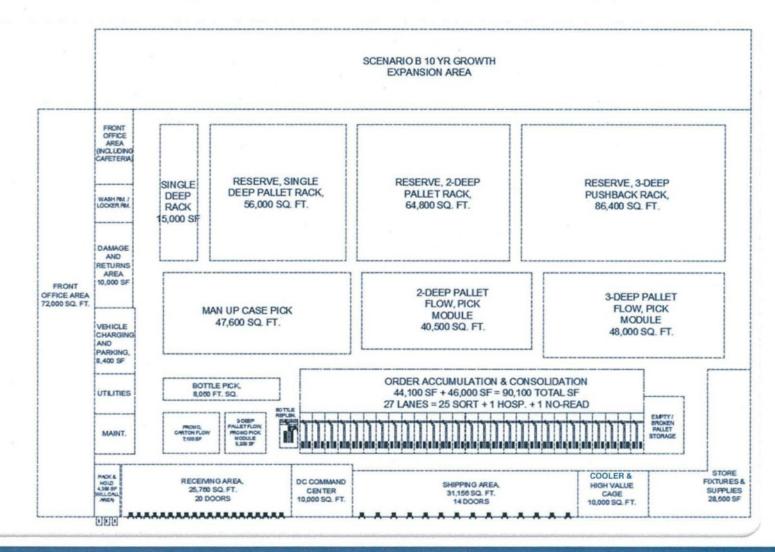
SCENARIO A 10-YEAR FLOOR PLAN, 835,200 SQ. FT.





Scenario B - 10 yr. (2023) Facility Block Layout

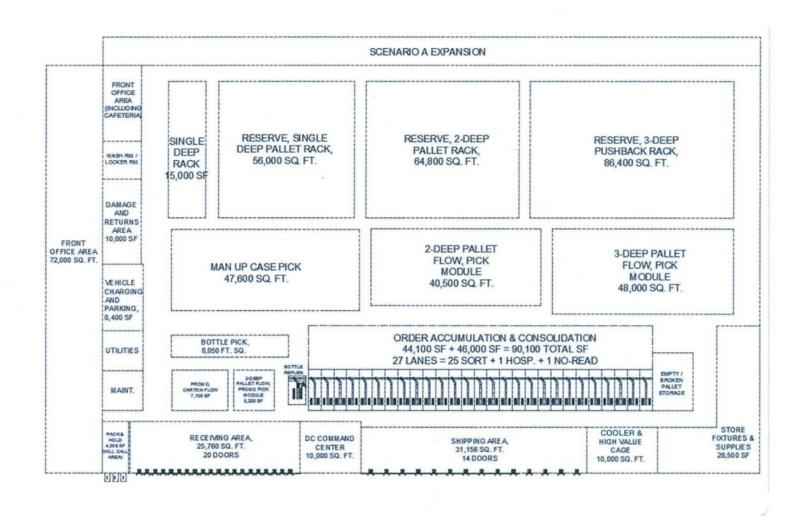
SCENARIO B 10-YEAR FLOOR PLAN 997,600 SQ. FT.





Scenario A - 15 yr. (2028) Facility Block Layout

SCENARIO A 15-YEAR FLOOR PLAN, 893,200 SQ. FT.





Scenario B - 15 yr. (2023) Facility Block Layout

SCENARIO B 15 YR GROWTH **EXPANSION AREA** OFFICE AREA (IN CLUDING CAFETERIA RESERVE, SINGLE RESERVE, 2-DEEP RESERVE, 3-DEEP SINGLE DEEP PALLET RACK. PALLET RACK DEEP PUSHBACK RACK, 56,000 SQ. FT. 64,800 SQ. FT. RACK 86,400 SQ. FT. 15,000 SH DAMAGE AND RETURNS AREA 10,000 SF 2-DEEP PALLET OFFICE AREA 3-DEEP PALLET 72,000 SQ. FT. FLOW, PICK FLOW, PICK MAN UP CASE PICK MODULE MODULE 47,600 SQ. FT. VEHICLE 40,500 SQ. FT. 48,000 SQ. FT. CHARGING AND PARKING. 8,400 SF BOTTLE PICK ORDER ACCUMULATION & CONSOLIDATION 8,050 FT, SQ. 44,100 SF + 46,000 SF = 90,100 TOTAL SF UTILITIES 27 LANES = 25 SORT + 1 HOSP, +1 NO-READ SOREP ALLET FLOW, PROMO PICK MODULE 8,000 SF PROMO, EARTON RUDW 5,100 SE MAINT. COOLER & RECEIVING AREA FIXTURES & DC COMMAND A,306 SF HIGH VALUE 25,760 SQ. FT. CENTER 31,156 SQ. FT.

10,000 SQ. FT.

SCENARIO B 15-YEAR FLOOR PLAN 1.1M SQ. FT.

20 DOORS

CAGE

10,000 SQ. FT.

28,500 SF



- Phase 1 Recap & Review
- Volumetrics Adjusted for Growth
- Operating Strategy & Operating Model
- Recommended Material Handing & Storage Concepts
- Information Technology Requirements
- □ Conceptual Facility Layout Options
- Initial Site Requirements & Considerations
- □ Preliminary Capital Investment Estimates
- Phase 2 Detailed Design Approach
- Next Steps & 'Bridge' Project Plan



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s.13;s.17



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Preliminary Capital Investment Estimates



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Preliminary Capital Investment Estimates



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Preliminary Capital Investment Estimates



- Information Systems & Technology
 - Warehouse Management System s.13,s.17
 - Warehouse Control System s.13,s.17
 - Labor Management System s.13,s.17
 - Yard Management System s.13,s.17
 - Transportation Management System s.13,s.17
 - Warehouse Slotting Tool s.13,s.17
 - Demand Planning & Forecasting Tool s.13,s.17
 - Systems Total s.13,s.17



Preliminary Capital Investment Estimates



- Partial Listing of MHE (estimates are at Yr. 1)
 - Traditional Counterbalance Lift Trucks (8) s.13,s.17 ea.
 - Narrow-Aisle Stand-up Reach Trucks (6) s.13,s.17 ea.
 - Man-Up Order Selector Trucks w/Cage (4) s.13,s.17 ea.
 - Powered Single & Double Pallet Jacks (16) s.13,s.17
 ea.
 - Various Pallet Rack for Configuration s.13,s.17
 - Consolidation Sortation System s.13,s
 - Pick Modules (4) s.13,s



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Phase 2 – Detailed Design - Discussion





LIQUOR DISTRIBUTION BRANCH

MAIN DISTRIBUTION CENTRE RELOCATION PROJECT SUBJECT MATTER EXPERT (SME) APPROACH



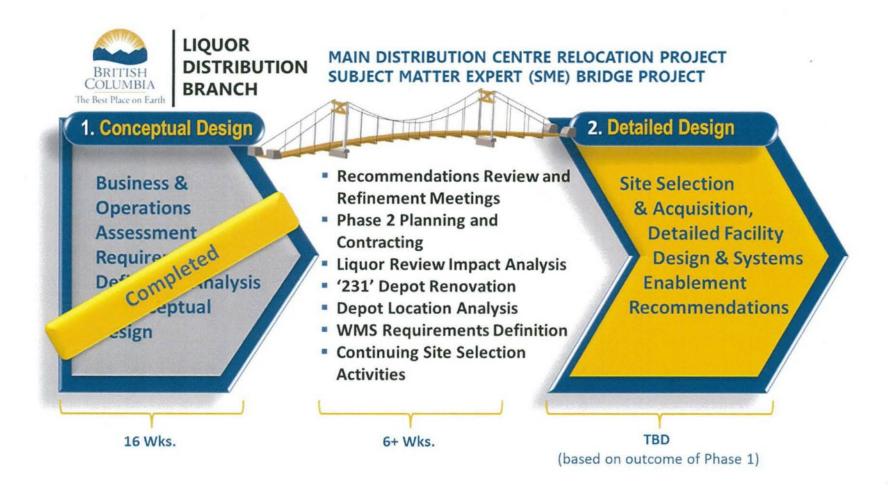


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Bridge Project Plan



BCLDB & Sedlak have reached agreement on the 'Bridge' agreement and work commenced on 3/3/14...



Next Steps



- Make any additional changes/updates to Recommendations based on today's discussions and review
- Conduct additional/ongoing Recommendation Reviews, as necessary
- Initiate discussions on 'Liquor Review' impacts
- Develop ongoing 'Bridge' initiatives schedule
- Continue 'Bridge' initiatives
- Develop Phase 2 Approach, Scope and Statement of Work

Thank You!



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