

TRAPAC EXPANSION PROGRAM - SCOPE CHANGES

DATE	DESCRIPTION	NOTES
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B136-147 TRAPAC ADMINISTRATION BUILDING & MAIN GATE

	Yard Operations Bldg - Size Increase	Increase in size from 3,000sf to 5,700sf (increase is due to addition of functions from Admin. Bldg to yard ops, including resulted changes from exterior corridor to interior)
	Guard Booth (500sf/booth) - Delete 2	Deleted 2 of 3 guard booths
	Truck Scale - Add 1	Increase from 5 to 6 truck scales
	Camera T-poles - Deleted @ Out-Gate	Deleted @ out-gate per tenant, will attach cameras to canopy
	ILWU Parking Area - Reduced POV Overflow Parking - Added	ILWU parking area decreased in size from 7 to 4 acres, due to Lagoon Grade Sep. Added area e/o Lagoon/HBB for overflow parking
1/15/2010	At-Grade Crossing - Deleted	1/15/10 meeting w/ Mike C., Dave W., PHL Rail Yard team - eliminate at-grade xing due to safety issues & PHL's opposition. Allow handicap parking @ Yard Ops Bldg. 2/2/11 Mike C. to reconsider, if PUC approves
9/27/2010	Main In-Gate Canopy - Deleted	Tenant does not want to relocate Main In-Gate due to proximity to fault line & slope

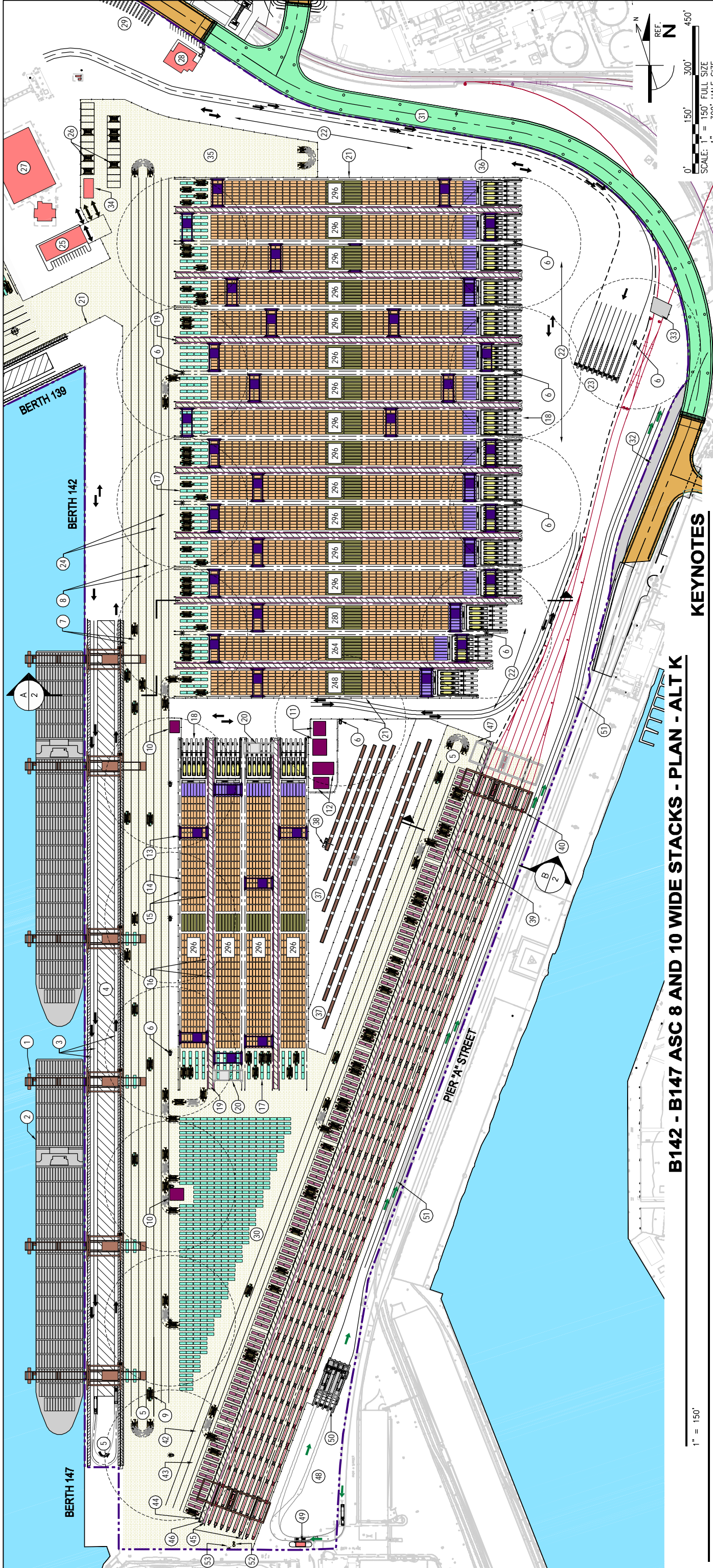
B142-147 BACKLAND IMPROVEMENTS

10/6/2010	Driver Service Bldg @ Pier A St. Gate - Deleted	per AECOM's Alternate H
10/21/2010	Crane Maintenance Bldg. - Size Decrease	Lease provides for 7,000sf. 10/21 tenant wants to decrease size by +/- 2,500sf.
10/29/2010	Trucker restrooms (350sf each) - Delete	Deleted total 4 trucker restrooms
2/16/2011	20 RMG Rows Panzerbelt - Deleted	AECOM's Alternate K (w/ reduced pavement section in RMG stacking areas and Cable Management Assembly)

Scope Changes Accepted:

Hank Nusano 3/16/11
for TraPac date

Guadalupe Krutz 3/4/11
for City of Los Angeles Harbor Department date



B142 - B147 ASC 8 AND 10 WIDE STACKS - PLAN - ALT K

1" = 150'

0' 150' 300' 450'
SCALE: 1" = 150' FULL SIZE
1" = 300' HALF SIZE

LEGEND

XXX	= TOTAL TGS PER ASC RIN
XXX	TOTAL ASC TGS FOR B142 - B147 = 5824
Green arrow	ENTRY TRAFFIC FLOW
Red arrow	EXIT TRAFFIC FLOW
Black arrow	VEHICLE FLOW DIRECTION
Black line	RAIL
Black dashed line	SAFETY FENCE
Black dashed line	CONCRETE BARRIER
Black dashed line	AREA OF AUTOMATED OPERATION
Green hatched	53' GROUNDED CONTAINERS - ASC - 288 GROUNDED SLOTS
Red hatched	GROUNDED BY BUFFER STACKS - 244 TGS
Blue hatched	BUILDING
Orange hatched	GRADE SEPARATION - RETAINED STRUCTURE
Green hatched	GRADE SEPARATION - COLUMN SUPPORTED STRUCTURE
Purple hatched	ELECTRICAL
Yellow hatched	AREA OF AUTOMATED OPERATION
Blue dashed	TERMINAL BOUNDARY
Orange dashed	GROUNDED CONTAINERS - ASC 4.5/76 TGS
Green dashed	ASC / SHUTTLE CARRIER TRANSFER AREA - 320 TGS
Blue dashed	STREET TRUCK TRANSFER AREA - 100 SPOTS TOTAL
Red dashed	GROUNDED REEFERS AT SERVICE PLATFORMS - 160 FGS
Black dashed	ELEVATED 40' CONTAINERS FOR MOBILE SCANNER - 76 SPOTS

KEYNOTES

1	100' GAUGE WHARF CRANES, TYP	14	GROUNDED ASC CONTAINER STACKS - 8 WIDE, TYP	23	9 ASC YARD QUEUE LANES W/ PEDESTALS	34	FUEL STATION	42	STRADDLE CARRIER TRAVEL LANE	50	ENTRY INSPECTION GATE
2	CONTAINER SHIP (17 WIDE), TYP	15	ASC RAILS W/ STOPS AT BOTH ENDS, TYP 41,528± LF TOTAL	24	SHUTTLE CARRIER ACCELERATION/ DECELERATION LANE	35	SHUTTLE CARRIER TEST AREA	43	SHUTTLE CARRIER ACCELERATION/ DECELERATION LANE	51	4 LANES
3	BOMB CART TRAVEL LANES	16	ASC POWER CABLE TRENCH, TYP 20,764± LF TOTAL	36	MARINE OPERATIONS BUILDING / CRANE MAINTENANCE BUILDING	37	2 LANE ASC QUEUE ACCESS	44	ELECTRICAL SERVICE AISLE	52	4 SCALES
4	HATCH COVER LAYDOWN AREA	17	ASC / SHUTTLE CARRIER TRANSFER AREA, 4 PER RUN, TYP	38	SHUTTLE CARRIER PARKING - 22 SPOTS	39	SCANNING AREA W/ CONTAINERS MOUNTED ON SERVICE PLATFORMS (44'-0")	45	RMG RAILS W/ STOPS AT EACH END, TYP 5,080± LF TOTAL	53	SIGNS AND OCR CAMERAS MOUNTED ON CANOPIES
5	TURN AROUND AREA	18	STREET TRUCK TRANSFER AREA, 5 SLOTS PER RUN, TYP	39	EXISTING MAINTENANCE AND REPAIR AND ROADABILITY FACILITY	40	MOBILE SCANNER	46	POWER CABLE AND TRENCH, TYP 2,540± LF TOTAL	54	CHASSIS CAMERA PEDESTALS
6	HIGH MAST LIGHT POLE W/ FIRE HYDRANT, TYP.	20	ELECTRICAL AND FIRE SERVICE AISLE, TYP	41	YARD OPERATIONS BUILDING EQUIPMENT PARKING	42	PIER 'A' RAIL YARD	47	PROPOSED SEMWER LIFT STATION	55	COMMUNICATION PEDESTALS
7	2 WHARF LOAD LANES	21	ASC IN MAINTENANCE POSITION	43	SHUTTLE CARRIER BUFFER AREA	44	8 - WORKING TRACKS	48	PROPOSED CONTROL PANEL		
8	2 SHUTTLE CARRIER TRAVEL LANES	22	SAFETY FENCE AT PERIMETER OF AUTOMATED OPERATIONS	45	GRADE SEPARATION	45	8 - 305 CARS PER TRACK	49	ENTRY GUARD BOOTH		
9	SHUTTLE CARRIER, TYP	23	STREET TRUCK MANEUVERING AND TRAVEL AREA	46	MAINTENANCE ACCESS (FORMER DETOUR ROAD)	46	2,440' WORKING LENGTH EACH	50	ENTRY PROCESS		
10	NEW ELECTRICAL TRANSFORMER	24		47	AT-GRADE RAIL CROSSING	47	19,500' WORKING LENGTH TOTAL	51	TWIC PROCESS		
11	EXISTING ELECTRICAL SUBSTATIONS	25		48		48	2 - 123' GAUGE DOUBLE-CANTILEVER RMG 122 SLOTS	52	GATE ARM		
12	NEW ELECTRICAL SUBSTATIONS	26		49		49		53	OCR / IDENTIFICATION CAMERAS		
13	84' GAUGE ASC - 2 PER RUN, TYP	27		50		50		54	RFID READER		

Sheet Title
B142-B147
ASC 8 AND 10 WIDE
STACKS - PLAN - ALT K
Project Number
60146052
Sheet Number
1 of 1

AUTOMATED CONTAINER YARD
PORT OF LOS ANGELES



Drawn By
EAC
Approved By
LJD
Date
11/02/10
Meeting



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Revision	By	Approved	Date