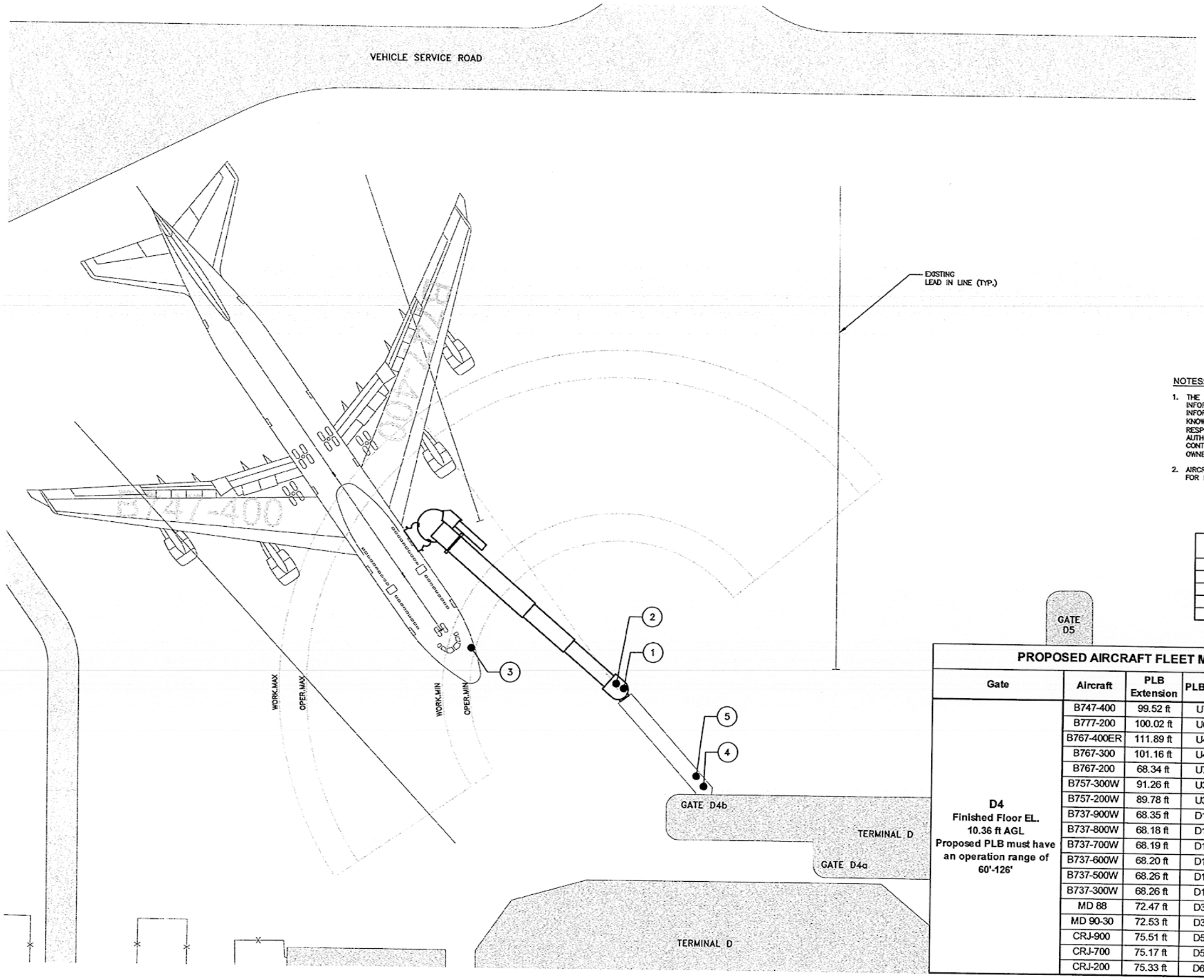

SCALE 1"=20'

20' 10' 0 20' 40'

LEGEND

PROPOSED PASSENGER LOADING BRIDGE

(10) ELEVATION REFERENCE NUMBER

NOTES:

1. THE EXISTING CONDITIONS PLAN WAS DEVELOPED FROM "AS-BUILT" INFORMATION. SUPPLEMENTED BY TOPO- GRAPHIC SURVEY. THE INFORMATION REPRESENTED IS BASED ON THE DESIGNERS BEST KNOWLEDGE OF THE EXISTING CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THESE DRAWINGS WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION. SHOULD THE CONTRACTOR DISCOVER CONDITIONS NOT REFLECTED ON THESE PLANS, THE OWNER'S REPRESENTATIVE IS TO BE CONTACTED IMMEDIATELY.

2. AIRCRAFT ALIGNMENTS AS SHOWN REPRESENT AIRCRAFT PARKING POSITIONS FOR PROPOSED BRIDGE REALIGNMENTS.

REFERENCE NUMBER	DESCRIPTION	ELEVATION
1	APRON AT ROTUNDA	95.66
2	TOP OF FOUNDATION	96.03
3	APRON AT STOP BAR	95.21
4	APRON AT ROTUNDA	95.47
5	TOP OF FOUNDATION	96.04

PROPOSED AIRCRAFT FLEET MIX & DOCKING CAPABILITIES

Gate	Aircraft	PLB Extension	PLB Slope	Lead-in Line	Stop Bar	Comments
D4 Finished Floor EL. 10.36 ft AGL Proposed PLB must have an operation range of 60'-126'	B747-400	99.52 ft	U7.1%	1	1	L1 & L2 CAPABLE
	B777-200	100.02 ft	U6.8%	1	1	L1 & L2 CAPABLE
	B767-400ER	111.89 ft	U4.5%	1	1	L1 & L2 CAPABLE
	B767-300	101.16 ft	U4.7%	1	1	L1 & L2 CAPABLE
	B767-200	68.34 ft	U7.1%	1	1	
	B757-300W	91.26 ft	U3.6%	1	1	L1 & L2 CAPABLE
	B757-200W	89.78 ft	U3.7%	1	1	L1 & L2 CAPABLE
	B737-900W	68.35 ft	D1.8%	1	1	
	B737-800W	68.18 ft	D1.8%	1	1	
	B737-700W	68.19 ft	D1.8%	1	1	
	B737-600W	68.20 ft	D1.9%	1	1	
	B737-500W	68.26 ft	D1.6%	1	1	
	B737-300W	68.26 ft	D1.6%	1	1	
	MD 88	72.47 ft	D3.5%	1	1	
	MD 90-30	72.53 ft	D3.5%	1	1	
	CRJ-900	75.51 ft	D5.1%	1	1	
	CRJ-700	75.17 ft	D5.8%	1	1	
	CRJ-200	75.33 ft	D6.4%	1	1	

HOUSTON AIRPORT SYSTEM
GEORGE BUSH INTERCONTINENTAL AIRPORT/HOUSTON, TEXAS

Gensler
711 Louisiana Street, Suite 300
Houston, Texas 77002

AECOM
5757 Woodway Drive, Suite 101 West
Houston, Texas 77057
AECOM USA Group, Inc
F-3082

REVISIONS

NO.	DESCRIPTION	DATE	BY

PASSENGER LOADING BRIDGES AND SUPPORT EQUIPMENT FOR TERMINAL D

GATE D4 PASSENGER LOADING BRIDGE PLAN

PROJECT MGR:	JEB
DESIGNER:	CRJ
DRAWN BY:	JCK
CHECKED BY:	GPF/CH
SCALE:	AS SHOWN
DATE:	AUGUST 6, 2009

STATE OF TEXAS
CLAYTON N. HARRIS
103556
LICENSED
PROFESSIONAL ENGINEER
10/9/09

APPROVED BY:	DATE:

HOUSTON AIRPORT SYSTEM

PROJECT NO. 800P

C.I.P. NO. A-0483

H.A.S. NO.

SHEET NO. C0002

LAST UPDATED: Oct 09, 2009 - 10:24am BY: CRJ8 (ndrilpa)
DWG. LOCATION: V:\0904233_Jet Turn Ex\450_Admin\14-Plans\4214-PLB Control\
DWG. NAME: 9233-C0002.dwg