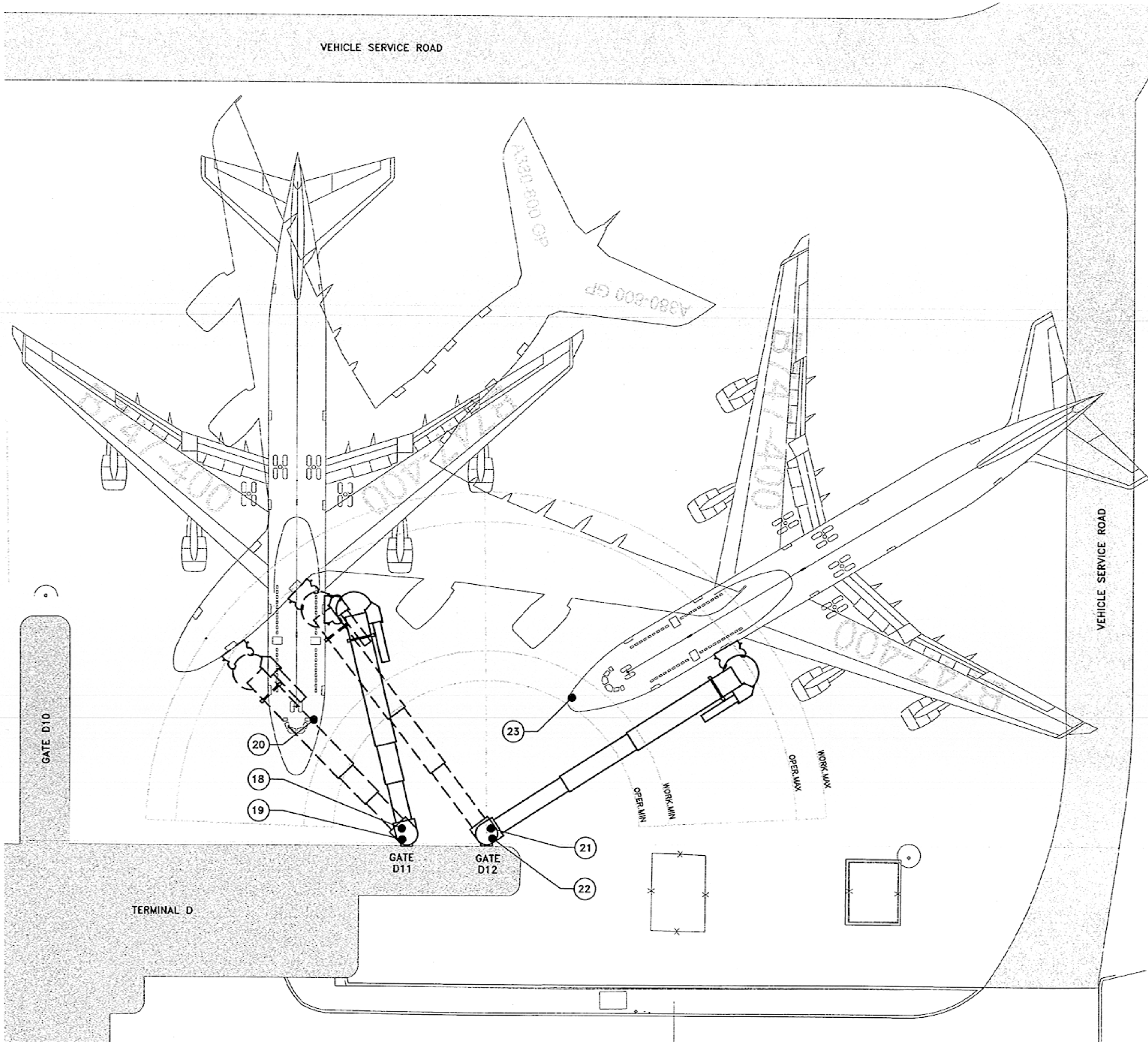

SCALE 1"=20'

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
18	APRON AT ROTUNDA	95.20
19	TOP OF FOUNDATION	95.95
20	APRON AT STOP BAR	95.28
21	APRON AT ROTUNDA	95.74
22	TOP OF FOUNDATION	96.02
23	APRON AT STOP BAR	95.28

PROPOSED AIRCRAFT FLEET MIX & DOCKING CAPABILITIES

Gate	Aircraft	PLB Extension	PLB Slope	Lead-in Line	Stop Bar	Comments
D11 Finished Floor EL. 10.55 ft AGL Proposed PLB must have an operation range of 60'-126'	A380-800/GP	83.63 ft	U7.9%	2	1	M1 & M2 CAPABLE
	B747-400	85.62 ft	U7.6%	1	1	L1 & L2 CAPABLE
	B777-200	102.55 ft	U5.9%	1	2	L1 & L2 CAPABLE
	B767-400ER	114.46 ft	U3.7%	1	2	L1 & L2 CAPABLE
	B767-300	103.63 ft	U3.8%	1	2	L1 & L2 CAPABLE
	B767-200	70.18 ft	U6.0%	1	2	
	B757-300W	93.49 ft	U2.7%	1	2	L1 & L2 CAPABLE
	B757-200W	91.98 ft	U2.8%	1	2	L1 & L2 CAPABLE
	B737-900W	70.03 ft	D2.8%	1	2	
	B737-800W	69.84 ft	D2.8%	1	2	
	B737-700W	69.86 ft	D2.8%	1	2	
	B737-600W	69.87 ft	D2.9%	1	2	
	B737-500W	69.93 ft	D2.6%	1	2	
	B737-300W	69.93 ft	D2.6%	1	2	
	MD 88	74.25 ft	D4.4%	1	2	
	MD 90-30	74.31 ft	D4.4%	1	2	
	CRJ-900	77.31 ft	D6.0%	1	2	
	CRJ-700	76.97 ft	D6.7%	1	2	
	CRJ-200	77.15 ft	D7.3%	1	2	
D12 Finished Floor EL. 10.59 ft AGL Proposed PLB must have an operation range of 60'-126'	A380-800/GP	104.01 ft	U6.1%	2	1	M1 & M2 CAPABLE
	B747-400	112.38 ft	U6.0%	1	1	L1 & L2 CAPABLE
	B777-200	112.81 ft	U5.7%	1	1	L1 & L2 CAPABLE
	B767-400ER	78.80 ft	U5.4%	1	1	L1 & L2 CAPABLE
	B767-300	113.62 ft	U3.8%	1	1	L1 & L2 CAPABLE
	B767-200	78.84 ft	U5.6%	1	1	
	B757-300W	102.84 ft	U2.7%	1	1	L1 & L2 CAPABLE
	B757-200W	101.28 ft	U2.8%	1	1	L1 & L2 CAPABLE
	B737-900W	78.19 ft	D2.5%	1	1	
	B737-800W	77.98 ft	D2.5%	1	1	
	B737-700W	78.00 ft	D2.5%	1	1	
	B737-600W	78.01 ft	D2.6%	1	1	
	B737-500W	78.07 ft	D2.3%	1	1	
	B737-300W	78.07 ft	D2.3%	1	1	
	MD 88	82.56 ft	D4.0%	1	1	
	MD 90-30	82.63 ft	D4.0%	1	1	
	CRJ-900	85.53 ft	D5.4%	1	1	
	CRJ-700	85.17 ft	D6.1%	1	1	
	CRJ-200	85.43 ft	D6.6%	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-3062

REVISIONS			
NO.	DESCRIPTION	DATE	BY

PASSENGER LOADING BRIDGES AND SUPPORT EQUIPMENT FOR TERMINAL D

GATE D11 AND D12 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.

C0005

LAST MODIFIED: Oct 06, 2009 – 10:41am BY USER: rodriguezo
DWG. LOCATION: V:\60049235_IAH Term D\400-Technical\424-Sheets\424.4-PLB Contract\
DWG. NAME: 9235-C0005.dwg