

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

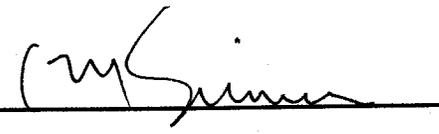
Fiscal Years	2007	2008	2009	2010	2011
Capital Expenditures	<u>\$47,697</u>	_____	_____	_____	_____
Operating Costs	_____	_____	_____	_____	_____
External Revenues (Grants)	_____	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
NET FISCAL IMPACT	<u>\$47,697</u>	=====	=====	=====	=====
# ADDITIONAL FTE POSITIONS (Cumulative)	_____	_____	_____	_____	_____

Is Item Included in Current Budget? Yes No

Budget Account No: Fund 4111 Department 121 Unit A239 Object 6502
Reporting Category _____

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Funds are available in the account referenced above.

C. Departmental Fiscal Review: 

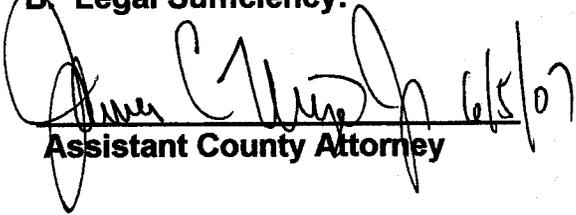
III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:


OFMB
actn 6-1-07
6/1/2007
5/30/07


Contract Dev. and Control
6/20/07
6/20/07

B. Legal Sufficiency:


Assistant County Attorney
6/5/07

This item complies with current County policies.

C. Other Department Review:

Department Director

PALM BEACH COUNTY

CHANGE ORDER

ISSUED TO: AFCO Constructors, Inc.
1804 NW Madrid Way
Boca Raton, FL. 33432

CHANGE ORDER NO.: 8

REFERENCE CCP NO.: attached

PROJECT: PB 05-6 PBA Concourse C Gate Expansion

RESOLUTION NO.: R2006 0338

PROJECT NO. DISTRICT NO.: 2

The completion date, contract price, and all terms, covenants, and conditions of the above referenced contract, except as duly modified by this and previous Change Orders, if any, shall remain in full force and effect.

DESCRIPTION OF CHANGE: This CO # 8 references 4 requests for change orders as submitted by AFCO Constructors, Inc. (summary back up page attached). Reference modifications are in the attached summary by CCP number along with a description of the CCP, individual costs, category of change, and a brief explanation

CONTRACT PRICE

Original Contract Price: \$ 17,433,942
CO # 1 through 7 \$ 371,721
This C.O. # 8: \$ 47,697
ADJUSTED Contract Price \$ 17,853,360

COMPLETION DATE

Contract Completion Date will be (increased) (decreased) by 0 calendar days per CO # 8.
Contract Completion Date from CO # 1 thru CO # 7 increased by 52 calendar days
Contract Notice To Proceed Date: 4-24-06
Contract Substantial Completion Date: 10-22-07
ADJUSTED Substantial Completion Date: 12-13-07

CONTRACTOR

Execution of this change order acknowledges final settlement of, and releases, all claims for costs and time associated, directly or indirectly, with the above stated modification(s), including all claims for cumulative delays or disruptions resulting from, caused by, or incident to such modification(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the contract.
The above changes are accepted:

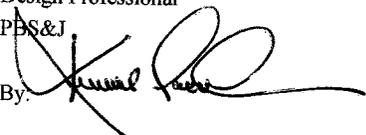
Contractor
AFCO Constructors, Inc.

By: _____
Title: _____ Date: _____

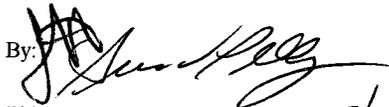
DESIGN PROFESSIONAL

The above changes are recommended for approval by the Owner:

Design Professional
PBS&J

By: 
Title: SR PROJ MGR Date: 5/2/07

PALM BEACH COUNTY
DEPARTMENT OF AIRPORTS
Recommended By:

By: 
Title: _____ Date: 5/23/07

By: _____
Title: _____ Date: _____

PBC BOARD OF COUNTY COMMISSIONERS
Approved By:

By: _____
Title: _____ Date: _____

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID D3
AF'CO-2

DATE (MM/DD/YYYY)
02/19/07

PRODUCER
Brown & Brown of Florida, Inc.
5900 N. Andrews Ave. #300
P.O. Box 5727
Ft. Lauderdale FL 33310-5727
Phone: 954-776-2222 Fax: 954-776-4446

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

AFCO Constructors Inc.
1804 NW Madrid Way
Boca Raton FL 33432

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Amerisure Mutual Insurance Co	23396
INSURER B: *Amerisure Insurance Company*	19488
INSURER C: Bridgefield Employers Ins. Co*	10701
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR	ADD'L	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	X	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	GL202970801	07/01/06	07/01/07	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
A		AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	CA128723211	07/01/06	07/01/07	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EA ACC \$ AGG \$
B		EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 0	CU138078705	07/01/06	07/01/07	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$ \$
C		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	083024666	03/01/07	03/01/08	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
		OTHER				

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
 Certificate Holder as additional insured with respect to general liability, as required by written contract. [Umbrella follows this form] Waiver of Subrogation applies to both general liability and workers compensation.
 *10 Day Notice of Cancellation for Non Payment of Premium.
 PBIA-Concourse "C" Gate Expansion Project No. PB 05-6

CERTIFICATE HOLDER

Palm Beach County
c/o Department of Airports
Att: Ms Herrera
846 P.B.I.A.
West Palm Beach FL 33406

CANCELLATION
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30* DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
 AUTHORIZED REPRESENTATIVE


IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

CHANGE ORDER NO: 8 SUMMARY REPORT

**PALM BEACH INTERNATIONAL AIRPORT
CONCOURSE C GATE EXPANSION**

RESOLUTION NO: 2006 0338
AFCO CONSTRUCTORS, INC.

CCP #	DESCRIPTION	COST	DAYS	CATEGORY	SUMMARY EXPLANATION
16R2	Underground Utility Revisions	\$16,189	0	unforeseen condition \$8,084 Omission \$8,105	Field Bulletins 10 and 23 were issued to avoid an elevation conflict of the east/west storm drainage piping crossing an 16" existing water main. Class 5 storm drainage piping was reduced from 24" to 18" diameter and lowered approximately 2.3 feet. This CCP also addresses the cost to relocate a sanitary manhole and building gravity line connection approximately 20' north per PBCWUD review comments.
21R3	Revision 2 changes	\$9,588	0	Omission	The A/E issued clarifications via Field bulletin's 4,6, and 7 that resolved interface issues between the new and existing structures (existing ground level corridor doors replaced with rated doors and hardware, closure of existing openings), modified precast and EFIS details. This CCP also addresses the lowering of bld'g footings an additional one foot, and several wall partition type partition modifications.
37R2	Modification to interior stair configuration	\$20,887	0	Omission	Structural and architectural coordination was required to clarify portions of the exit stairwell wall as being shear wall (poured conc in lieu of block). Stairwell 2nd level framing steel and the intermediate stair landing height was also adjusted per field bulletin #25.
44	Concrete encased columns	\$1,033	0	Omission	Four ground level exterior steel columns to be encased in concrete did not indicate reinforcing wire mesh in the drawing detail. This CCP adds labor and material cost to include wire mesh at the designated column locations.
	Request for Time Extensions				CCP 16R2 time requested included in CO#3. CCP21R3 time delay for removal one additional foot of earth when onstalling bldg. footings being addressed separately. CCP# 37R2 time extension request for 8 days while installing interior stair is recommended for rejection in that this work is not on critical path. CCP#44 request for additional 5 days is being recommended for rejection in that work is not on critical path.
TOTAL CHANGE ORDER NO: 6		\$47,697	0	CALENDAR DAYS	

LEGEND	
\$39,613	Omission/recommended and/or required in project.
\$0	Other Agency (TSA, PZ&B, Fire Marshall)
\$0	Department of Airports
\$8,084	Conditions not normally anticipated or encountered in construction.
	Quantity Underruns, contract adjustments
\$47,697	Total Change Order # 8



RECEIVED
2007 MAY -2 PM 4: 35
DEPT. OF AIRPORTS
BLDG. 846, PBIA

May 2,2007

Mr. Jerry Allen
Director of Planning and Community Affairs
Palm Beach International Airport
Building 846
West Palm Beach, Fl. 33406

RE: Concourse C Gate Expansion
Change Orders 7 and 8

Dear Jerry;

Under separate cover, PBS&J has signed and submitted 3 copies of Change Orders 7 and 8 with appropriate backup for recommended unilateral approval to AFCO Constructors, Inc.

Over the past several months PBS&J has requested AFCO's approval of Change Orders 7 and 8 without achieving much success.

The costs associated with Change Order 7 have been agreed upon between AFCO and PBS&J except for revisions made to CCP # 41 (\$1,621 less). AFCO has not signed CO#7 in that they are reserving their rights due to time they feel they are due for steel issues. PBS&J will challenge AFCO's request for any additional time.

PBS&J has provided a detailed summary description for each of the CCP's included in CO #8. Major discrepancies deal with scope definition, insufficient backup, and/or contract document interpretations of specific items. Scope and time requests issues have been analyzed by PBS&J and our sub consultants.

Based on PBS&J's review and analysis, it is recommended by the A/E that the above two change orders be unilaterally approved and that AFCO be directed to provide the SBE documentation required by the Agreement for awarded cost increases to the Contract.

Regards, PBS&J

Kenneth Jacobsen
Sr. Project Manager

CC: Cindy Portnoy,DOA
Joe Sawmiller PBS&J
Aldo Ferrera,
Juan Alfonso, PBS&J
Roberto Beltran, PGAL



March 1, 2007

Jerry Allen
Deputy Director of Planning and Community Affairs
Department of Airports
PBIA Bldg 846
West Palm Beach , FL. 33406

**Re: CCP Proposal No.16R2, FB#10, FB#23
Site Utility Changes**

Dear Mr. Allen;

The A/E has made the following analysis of AFCO Constructors CCP No. 16R2 and prior/subsequent scope and cost revisions to that submittal. AFCO's proposal 16R2 has been analyzed using Means 2006 cost data and is being recommended for approval to the Department of Airports in the amount of **\$16,189** per the attached analysis.

A summary of the negotiations with AFCO is as follows:

- CCP No.16 was submitted to PBS&J on 10/18/06 requesting \$73,444
- PBS&J responded on 12/05/06 offering \$21,644 upon further clarification
- Negotiation meeting with AFCO held 01/03/07
- PBS&J responded 01/04/07 and requested additional information
- CCP No. 16R was submitted to PBS&J on 01/23/07 requesting \$99,297 with added scope
- CCP No. 16R2 was submitted to PBS&J on 1/25/07 requesting \$78,505
- PBS&J involves its Miami estimating staff on 2/19/07 to review 16R2 using Means 2006 cost criteria. (This is the basis of PBS&J's recommended approval).
- CCP No. 16R3 was submitted to PBS&J on February 16, 2007 requesting \$80,010 with added scope per RFI # 103 (condensate and roof drain connections to S-1 structure). This CCP is being rejected per this letter with a request to resubmit RFI# 103 related items in a separate CCP.
- All delay related issues were resolved per the issuance of a 43 non-compensable calendar day time extension in Change Order No. 3.

The following is a summary of Field Bulletin 10 and 23's scope of changed work that is being included to assist in understanding extent of modifications being made to the project per this CCP 16R2.

FIELD BULLETIN SUMMARY

- FB#10 Issue by PBS&J to AFCO on 07/28/06. Lowered the storm drainage line invert entering the existing S-2 airfield drainage from invert 9.71 to invert 7.92. Relocated S-1 structure approximate 25' further east and reduced class V pipe from 24" d to 18"d.
- FB#23 Issued by PBS&J to AFCO on 09/27/06. Per field condition, invert at S-2 structure lowered from 7.92 to 7.42 to avoid conflict with existing 16" watermain crossing.

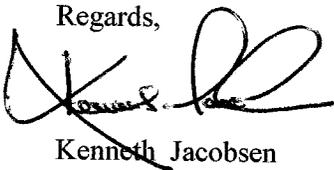
PBS& J ANALYSIS OF 16R2:

PBS&J's spreadsheet analysis has been arranged to track AFCO's spreadsheet format related to Item numbering and Description of Work where deemed applicable for cross referencing.

- Item 1: Relocation of sanitary manhole structure and temporary bldg. sanitary connection approximately 30' north per PBCWUD directive. (adjacent to gate C6)
- Item 2: Additional sanitary line work from concourse bldg. for permanent connection to existing gravity system. (adjacent to gate C6)
- Item 3: Storm water drainage revisions from structure S1 to S2 as shown on dwg C-12-01 and SK C-12-01a as issued in FB 10 and 23.

Note: The A/E's analysis (per verbal agreement with AFCO) does not include any concrete pavement removal 1-20'x20' PCC flag and concrete removed adjacent to stair at gate C6) which is to be incorporated into a future CCP having credits for 2 -20'x20' PCC flags being deleted from the scope of work. It should also be noted that well pointing costs have been negotiated in that no sub-contractor invoicing was received per A/E request.

Regards,



Kenneth Jacobsen
Sr. Project Manager

File:9.32

Cc: Cindy Portnoy
Aldo Ferrera, AFCO

**PALM BEACH INT'L AIRPORT
CONCOURSE "C" EXPANSION (CCP 16 R2)**

Receive PBS&J January 30, 2007

1. ADDITIONAL SANITARY FORCE MAIN & CONSTRUCTION OF TRAP

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	4" 45° Elbow for P-Trap	4	EA	\$174.00	\$696.00	\$67.00	\$268.00	\$0.00	\$0.00	\$964.00	
2	4" DIP 90° Elbow	1	EA	\$174.00	\$174.00	\$67.00	\$67.00	\$0.00	\$0.00	\$241.00	
3	4" Gate Valve	1	EA	\$415.00	\$415.00	\$205.00	\$205.00	\$0.00	\$0.00	\$620.00	
4	Additional 4" DIP Piping	35	LF	\$13.50	\$472.50	\$6.87	\$240.45	\$2.68	\$93.80	\$806.75	
5	Additional 8" DIP Piping	18	LF	\$17.35	\$312.30	\$10.30	\$185.40	\$4.02	\$72.36	\$570.06	
6	Steel Sheathing	40	LF	\$10.70	\$428.00	\$17.35	\$694.00	\$0.39	\$15.80	\$1,137.80	
7	Excavation and Backfill	16	CY	\$0.00	\$0.00	\$3.57	\$57.12	\$1.88	\$30.08	\$87.20	Backhoe half day rental
8	Removal of existing pipe	45	LF	\$0.00	\$0.00	\$6.85	\$308.25	\$3.64	\$163.80	\$472.05	
9	Haul pipe material off site	1	LS		\$0.00	\$40.00	\$40.00	\$80.00	\$80.00	\$120.00	12 CY Truck, haulage distance 10 miles average
					\$2,497.80		\$2,065.22		\$455.64	\$5,018.66	
TOTAL										\$5,018.66	

2. BUILDING SANITARY LINE CONNECTION TO EXISTING GRAVITY LINE

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	8 X 6 Wye	1	EA	\$279.00	\$279.00	\$92.00	\$92.00	\$0.00	\$0.00	\$371.00	
2	6" DIP Piping	30	LF	\$15.65	\$469.50	\$6.60	\$258.00	\$3.35	\$100.50	\$828.00	
3	45° Elbow 6"	2	EA	\$210.00	\$420.00	\$83.50	\$167.00	\$0.00	\$0.00	\$587.00	
4	Excavation and Backfill	30	LF	\$0.00	\$0.00	\$0.35	\$10.50	\$12.27	\$368.10	\$378.60	
					\$1,168.50		\$527.50		\$468.60	\$2,164.60	
TOTAL										\$2,164.60	



CONSTRUCTORS, INC.

4 N.W. Madrid Way, Boca Raton, FL 33432
(561) 338-2160 Fax (561) 338-5037
info@afcoconstructors.com

2/24/07

AFCO-06-117-398
January 25, 2007

Attention: Mr. Kenneth Jacobsen

Post, Buckley, Schuh & Jernigan, Inc.
3230 Commerce Place, Suite A
West Palm Beach, FL 33407

Reference: Palm Beach International Airport, Concourse "C" Expansion
Project #PB-05-6
CCP 16R2 - Underground Utilities Changes

Gentlemen:

After the review meeting between AFCO and PBS&J with regard to this CCP, AFCO has found it necessary to revise the subject Construction Change Proposal to reflect all additional costs associated with the sanitary line changes and changes in the storm drainage piping.

As per Field Bulletin #10, PBCWUD Permitted Utility Drawings, Field Bulletin #23, and as a result of field conditions several changes to the underground utilities have taken place. Removal of additional PCC pavement as noted in revision 2, dated March 29, 2006 is also included as part of this CCP. As per discussions and agreements in the September 21, 2006 meeting regarding the various changes to the storm and sanitary systems AFCO has proceeded with the changed work in good faith and to minimize delays.

These changes are as follows:

- 1. Additional sanitary force main and construction of trap.
- 2. Building sanitary line connecting to existing gravity line north of sanitary manhole.
- 3. Remove 18" PCC Concrete Pavement (by stair).
- 4. Removal of additional PCC pavement as per revision 2, dated March 29, 2006.
- 5. Storm drainage changes.

The above changes represent a revised cost of \$78,506.00 (seventy eight thousand five hundred six and xx/100). The time associated with this change has been included in C.O. #3. Your prompt response to these changes is critical as the work has been completed for some time now. As a consequence it is important that AFCO be appropriately and timely compensated for said additional work.

2/20/07

Read water permit set reveal sanitary man hole. FD 10-23

- NO INVOICE for wall painting
- 2006 MEANS used

Attachments

CC: D. Frank, PBC-DOA
S-P Ferrera, AFCO

Very truly yours,
AFCO Constructors, Inc.

Aldo J. Ferrera
President

Materials & equipment cost not noted in money code 8

~~_____~~
~~_____~~
~~_____~~



Construction Change Proposal No. 16R2

DWG C-15.01 Rev 6/30/2006
 Received September 14, 2006
 Field Bulletin #10, #23

Underground Utilities Changes

Date: 1/25/2007

Project Name: Palm Beach International Airport Concourse "C" Expansion
 Project Number: PB-05-06

ITEM #	DESCRIPTION OF WORK	QTY	UNITS	MATERIAL UNIT PRICE	MATERIAL EXTENSION	LABOR UNIT PRICE	LABOR EXTENSION	EQUIPMENT UNIT PRICE	EQUIPMENT EXTENSION	SUB UNIT PRICE	SUB EXTENSION
1	Additional Sanitary Force Main & Construction of Trap										
	45 degree elbows 4"	4	ea	\$158.13	\$632.52	\$115.00	\$460.00	\$57.34	\$229.36		\$-
	90 degree elbow 4"	1	ea	\$158.13	\$158.13	\$115.00	\$115.00	\$57.34	\$57.34		\$-
	4" Gate Valve	1	ea	\$491.39	\$491.39	\$175.00	\$175.00	\$57.34	\$57.34		\$-
	Additional 4" DIP Piping	35'	lf	\$20.37	\$1,833.30	\$14.00	\$1,260.00	\$4.50	\$405.00		\$-
	Additional 8" DIP Piping	18	lf	\$43.97	\$791.46	\$16.00	\$288.00	\$6.00	\$108.00		\$-
	Steel Sheathing	40	ft	\$12.00	\$480.00	\$6.00	\$240.00	\$8.75	\$350.00		\$-
	Escavate trench and backfill	35'	lf	\$4.00	\$400.00	\$18.66	\$1,866.00	\$54.00	\$5,400.00		\$-
	Add: Removal of existing line	65'	lf	\$1.00	\$65.00	\$2.00	\$130.00	\$11.00	\$715.00		\$-
	Haul pipe material off-site	1	ls	\$300.00	\$300.00						\$-
	Backfill trench	35'	lf	\$6.00	\$390.00	\$6.50	\$422.50	\$11.08	\$720.20		\$-
	Tool Truck	24	hr					\$35.00	\$840.00		\$-
	Maintenance of Traffic	24	hr	\$20.00	\$480.00	\$49.50	\$1,188.00	\$60.00	\$1,440.00		\$-
					\$-		\$-		\$-		\$-
2	Building Sanitary Line Connection to Existing Gravity Line				\$0.00						
	8x6 Wye	1	ea	\$455.65	\$911.30						\$-
	6" DIP Piping	80	ft	\$28.90	\$2,312.00						\$-
	45 degree elbows 6"	2	ea	\$194.93	\$389.86						\$-
	Foreman (1)	8	hr			\$32.00	\$256.00				\$-
	Skilled Laborer (4)	32	hr			\$25.00	\$800.00				\$-
	Trackhoe	8	hr	\$15.00	\$120.00			\$127.25	\$1,018.00		\$-
	Equipment Operator	8	hr			\$26.50	\$212.00				\$-
	Tool Truck	8	hr					\$35.00	\$280.00		\$-
	Maintenance of Traffic	8	hr	\$20.00	\$160.00	\$49.50	\$396.00	\$60.00	\$480.00		\$-
					\$-		\$-		\$-		\$-
3	Storm Drainage Changes										
	Credit 24" RCP	360	lf	\$(25.26)	\$(9,093.60)						\$-
	Add 18" RCP	340	lf	\$22.75	\$7,735.00						\$-
	Add 4" condensate drain line (DIP) from building	25	lf	\$20.37	\$509.25	\$14.00	\$350.00	\$4.50	\$112.50		\$-
	Add 10" storm drain line (DIP)	25	lf	\$41.31	\$1,032.75	\$16.00	\$400.00	\$6.00	\$150.00		\$-
	Add 4" 90deg bend from building	1	ea	\$157.80	\$157.80	\$115.00	\$115.00	\$57.34	\$57.34		\$-
	Add 10" 90deg bend from building	1	ea	\$320.02	\$320.02	\$200.00	\$200.00	\$57.34	\$57.34		\$-
	Lower Storm Invert @ Storm Structure										\$-
	Additional concrete core	1	ea	\$490.00	\$490.00						\$-
	Idle equipment time due to delay										\$-
	Trackhoe	16	hr					\$127.25	\$2,036.00		\$-
	Loader	16	hr					\$89.37	\$1,429.92		\$-
	Compactor	16	hr					\$75.00	\$1,200.00		\$-

Means
 from Bldg
 referenc
 NOT IN THIS
 CHANGE
 FOR 103

INVOICES
 → ask for invoice from contractor

dewatering (in/out)				\$-		\$-		\$-	
Wellpoint Equipment (points, pump)	1	is		\$-		\$-	\$4,981.00	\$4,981.00	\$-
Set wellpoints				\$-		\$-		\$-	\$-
Foreman (1)	16	hr		\$-	\$32.00	\$512.00		\$-	\$-
Skilled Laborer (4)	64	hr		\$-	\$25.00	\$1,600.00		\$-	\$-
Equipment Operator	16	hr		\$-	\$26.50	\$424.00		\$-	\$-
Loader	16	hr	\$12.00	\$192.00		\$-	\$89.37	\$1,429.92	\$-
Tool Truck	16	hr		\$-		\$-	\$35.00	\$560.00	\$-
Additional Excavation/Backfill due to lowered invert of line				\$-		\$-		\$-	\$-
Foreman (1)	16	hr		\$-	\$32.00	\$512.00		\$-	\$-
Skilled laborer (4)	64	hr		\$-	\$25.00	\$1,600.00		\$-	\$-
Equipment operator	32	hr		\$-	\$26.50	\$848.00		\$-	\$-
Trackhoe	16	hr	\$15.00	\$240.00		\$-	\$127.25	\$2,036.00	\$-
Loader	16	hr	\$12.00	\$192.00		\$-	\$89.37	\$1,429.92	\$-
Compactor	16	hr	\$3.00	\$48.00		\$-	\$75.00	\$1,200.00	\$-
Tool Truck	16	hr		\$-		\$-	\$35.00	\$560.00	\$-
				\$-		\$-		\$-	\$-
SUB TOTALS					\$11,738.18		\$14,369.50	\$29,340.18	\$-

Summarization of Costs

Material Costs		\$11,738.18
Labor Costs		\$14,369.50
→ Labor Burden Costs	52.35%	\$7,522.43
Equipment Costs		\$29,340.18
Material & Equipment Costs Taxes	6.50%	\$2,670.09
Total Direct Costs		\$65,640.38
Mark Up on Direct Costs	15.00%	\$9,846.06
Sub-Contract Costs		\$-
Mark Up on Sub-Contracts	5.00%	\$-
SUB-TOTAL		\$75,486.44
Bonds and Insurances	2.86%	\$3,019.46
TOTAL COST FOR THIS CHANGE PROPOSAL		\$78,505.90

NOTES

1. Any changes not itemized or contained within this change proposal are excluded and will be priced separately.
2. Time for this change was included in C.O. #3
3. The PCC pavement removal has been removed from this CCP and is to be included with a subsequent CCP.

Pictures
 of raising
 materials receipts

FIELD BULLETIN No. 010

**CONCOURSE-C EXPANSION AT
PALM BEACH INTERNATIONAL AIRPORT**

PROJECT: Concourse C Expansion PB-05-06

DATE: July 25, 2006

TO: Aldo Ferrera, AFco Constructors, Inc.

FB Description: Relocate Storm Manhole & Reduce RCP Pipe Size From 24" to 18"

Applicable Drawing(s): C-12.01

Applicable Specification(s): D-751, D-752

Applicable Shop Drawing(s):

THIS BULLETIN IS NOT A CHANGE IN THE ABOVE CONTRACT NOR AN AUTHORIZATION TO THE CONTRACTOR TO PERFORM WORK, OTHER THAN CONTRACT WORK, OR TO STOP OR SUSPEND WORK UNLESS SPECIFICALLY AUTHORIZED BY THIS BULLETIN. However, it covers certain PROPOSED MODIFICATIONS to the work covered by said contract.

CAUSE:

1. Western face of existing S-2 storm structure is not wide enough to accommodate proposed 24" Class V RCP.
2. To avoid proposed building stair foundation, locate structure S-1 approximately 25 ft east of position shown on C-12.01 and adjust condensate and roof drain to connect into revised structure location.

DETAILED DESCRIPTION:

1. Install 18" Class V reinforced concrete pipe in lieu of 24" Class V RCP as indicated on C-12.01 and updated by SK-C-12.01a.

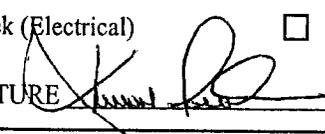
Note: S-1 revised location to the east yields 25LF reduction in Class V RCP.

2. Structure S-1 and 18" RCP elevations/location shall be adjusted per SK-C-12.01a.

RECEIVED
JUL 31 2006
Afco Constructors, Inc.

A/E FIRM: PGAL (Architectural) PBS&J (Civil) RCT (Structural)
 Gartek (Mechanical) Gartek (Electrical) Gartek (Plumbing)

ORIGINATOR: Ken Jacobsen

SIGNATURE 

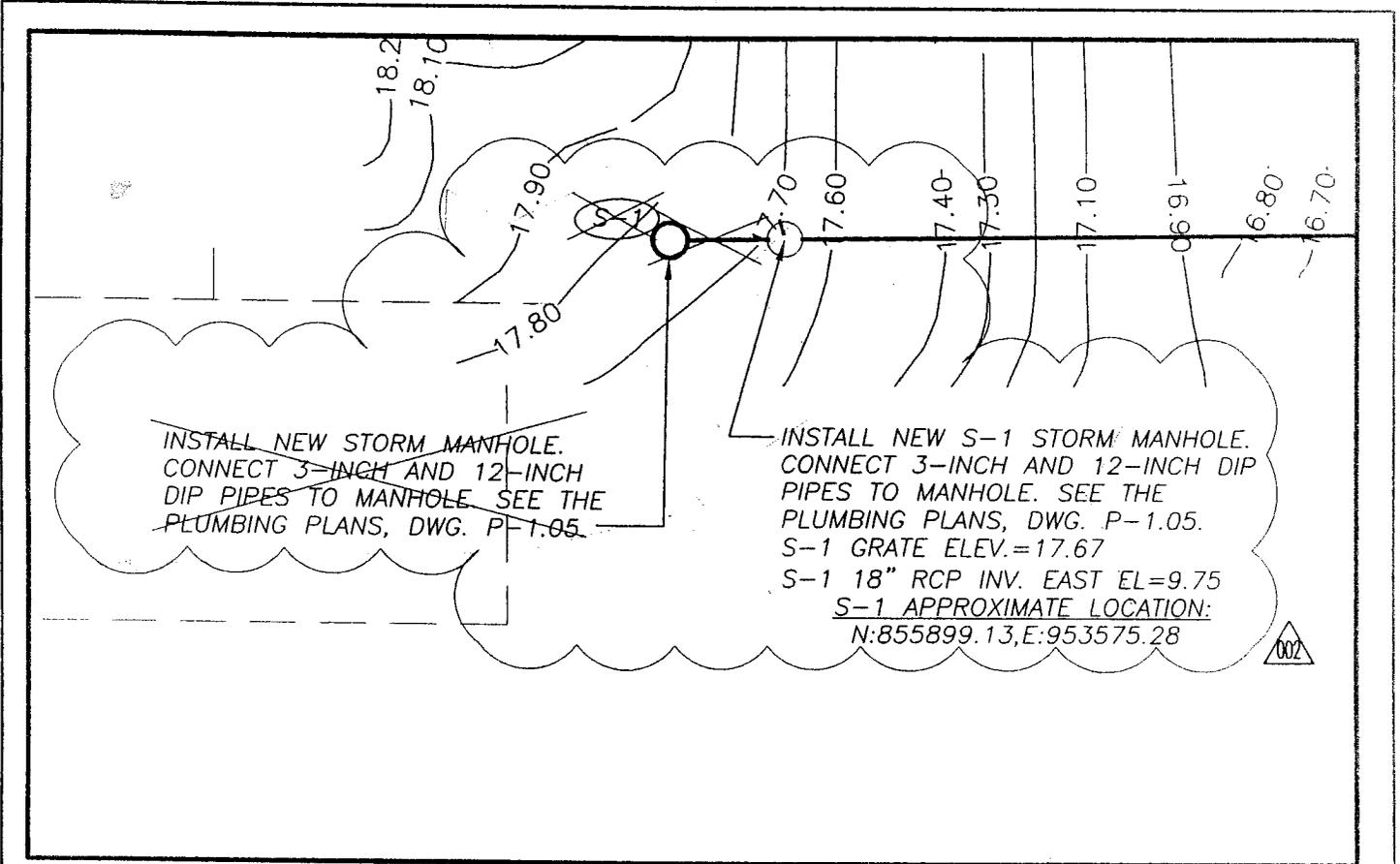
DATE: 7/28/06

REMARKS: _____

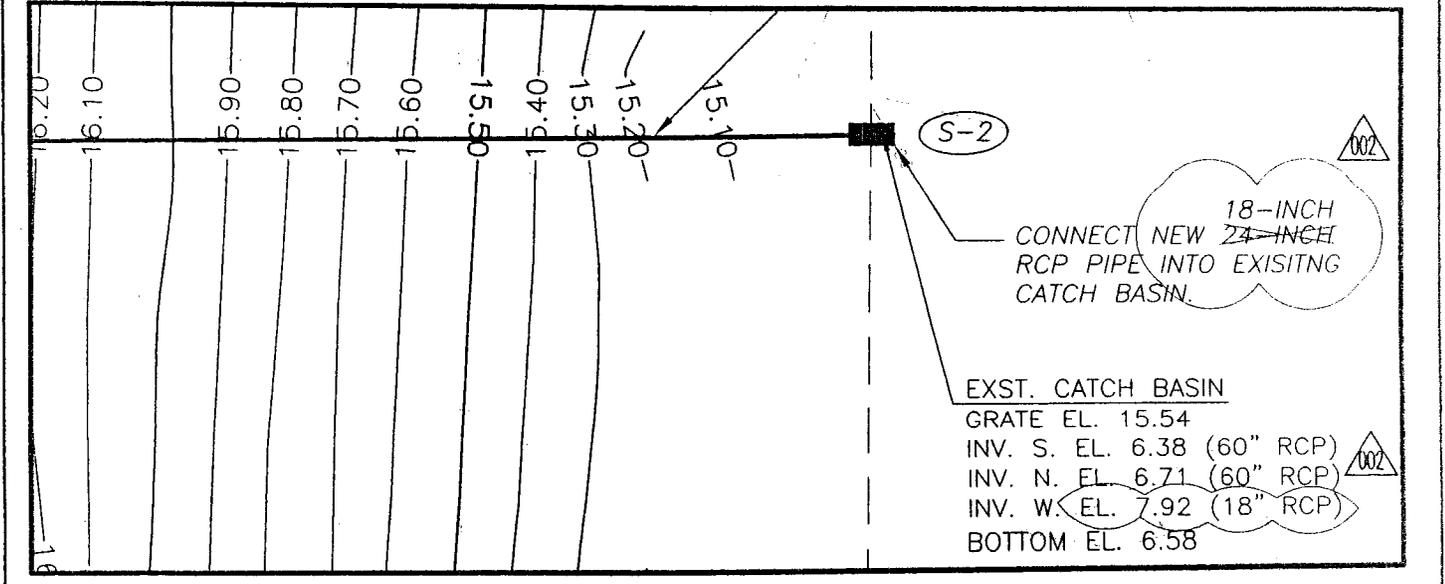
RESPONSE BY: _____

SIGNATURE: _____

DATE: _____



S-1 NOTE PER RFI-0032: CONSTRUCT 3.5FT DIAMETER STORM MANHOLE TYPE P8 FDOT INDEX 200 AND 201 WITH 12" SUMP TO COLLECT SEDIMENT. MANHOLE STRUCTURE AND COVER SHALL BE MINIMUM H20 TRAFFIC RATED.



**CONCOURSE "C" EXPANSION
 PROJECT PALM BEACH INTERNATIONAL AIRPORT
 PALM BEACH COUNTY FLORIDA**

JULY 26, 2006



NATIONAL AVIATION
 3230 Commerce Place, Suite A
 West Palm Beach, FL 33407
 Phone: 561.689.7275
 Fax: 561.689.3884



STRUCTURAL
 701 Northpoint Parkway
 Suite 310
 West Palm Beach, FL 33407
 TEL: (561) 684-7534



MEP & FP
 7210 S.W. 39th Terrace
 Miami, FL 33155
 TEL: (305) 266-0997



ARCHITECTS
 791 Park of Commerce Blvd. Suite
 400
 Boca Raton, FL 33487
 TEL: (561) 988-4002

SCALE: 1:40
 SK-C-12.01a
 DWG. REF.
C-12.01

FIELD BULLETIN No. 23

CONCOURSE-C EXPANSION AT
PALM BEACH INTERNATIONAL AIRPORT

PROJECT: Concourse C Expansion PB-05-06

DATE: 9/27/2006

TO: Aldo Ferrera, AFCO Constructors, Inc.

FB Description: S-2 Structure 18" RCP Invert Elevation Clarification

Applicable Drawing(s): C-12.01, SK-C-12.01a

Applicable Specification(s): _____

Applicable Shop Drawing(s): _____

THIS BULLETIN IS NOT A CHANGE IN THE ABOVE CONTRACT NOR AN AUTHORIZATION TO THE CONTRACTOR TO PERFORM WORK, OTHER THAN CONTRACT WORK, OR TO STOP OR SUSPEND WORK UNLESS SPECIFICALLY AUTHORIZED BY THIS BULLETIN. However, it covers certain PROPOSED MODIFICATIONS to the work covered by said contract.

CAUSE:

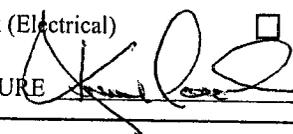
18" RCP Invert shall connect to S-2 structure at 7.42 to provide additional clearance at water and force main crossings.

DETAILED DESCRIPTION:

Field bulletin #10 published 7/28/06 calls for a connection to the S-2 structure at elevation 7.92. Per field bulletin #23 and WUD #06-032 drawings approved by DEP, the S-2 structure connection shall connect at elevation 7.42 (6" lower than what was indicated on FB #10). The remaining updates (i.e. revised location of S-1) per FB#10 do NOT change.

A/E FIRM: PGAL (Architectural) PBS&J (Civil) RCT (Structural)
 Gartek (Mechanical) Gartek (Electrical) Gartek (Plumbing)

ORIGINATOR: Ken Jacobsen

SIGNATURE 

DATE: 9/27/06

REMARKS: _____

RESPONSE BY: _____

SIGNATURE: _____

DATE: _____

*** TX REPORT ***

TRANSMISSION OK

RECIPIENT ADDRESS	15613385037
ST. TIME	09/27 09:57
TIME USE	00:02
PGS.	1
RESULT	OK



March 2, 2007

Jerry Allen
Deputy Director of Planning and Community Affairs
Department of Airports
PBIA Bldg 846
West Palm Beach , FL. 33406

Re: CCP Proposal No.21R3, Building Department Revision 2 items and FB#4, FB#6, FB#7

Dear Mr. Allen;

The A/E has made the following analysis of AFCO Constructors CCP No.21R3 and prior/subsequent scope and cost revisions to that submittal. AFCO's proposal 21R3 has been analyzed using Means 2006 Cost Data and is being recommended for approval to the Department of Airports in the amount of **\$9,588** per the attached analysis.

A summary of the negotiations with AFCO are as follows:

- CCP No.21 was submitted to PBS&J on 10/30/06 requesting \$231,434
- CCP No.21R was submitted to PBS&J on 11/07/06 requesting \$238,296 with revised scope.
- PBS&J responded 12/04/06 with an initial draft offer of \$19,954 but noting difficulty in analyzing certain items due to lack of scope and requested additional information.
- CCP No. 21R2 was submitted to PBS&J on 01/23/07 requesting \$221,290 with some revised scope items.
- CCP No. 21R3 was submitted to PBS&J on 1/25/07 requesting \$199,082.
- PBS&J involves its Miami estimating staff in mid February to review CCP 21R3 with the assistance of PGAL and using Means 2006 cost criteria. (This is the basis of PBS&J's attached analysis and recommended approval). PGAL has been involved in two or three other meetings with AFCO and PBS&J WPB staff to assist in clarifying the scope of changes from the bid set to the permit set per revision 2 including Field Bulletins 4,6 and 7.
- AFCO has not identified delay issues related to FB's 4,6,and 7. However, other unsolicited cost items included in CCP 21R3 have , in the GC's opinion, caused delays which are being separately analyzed (i.e. removal of one extra foot of earth due to lowering of building footings).

The following is a summary of Field Bulletin 4,6 and 7's scope of changed work that is being included to assist in understanding extent of modifications being made to the project per this CCP 21R3.

FIELD BULLETIN SUMMARY:

FB#4 Issued by PBS&J to AFCO on 06/21/06. Modified the existing bid documents to include the removal of existing exterior ground level doors and windows (8 single doors, 1 pair doors, 2 overhead garage type doors and 6 windows) on the east side of Concourse C beneath the new expansion. The windows and overhead doors are to be blocked up and the

doors replaced with 1 hr. fire rated frames and doors in that they will be exiting into a rated corridor upon completion of construction. (refer to PBS&J analysis items 1,2 and 5)

Also modified were 2nd floor bathroom vanity and above ceiling steel supports which has been deleted from this CCP21 R2 in that subsequent bathroom modifications will include this cost in CCP # 45 'Bathroom Revisions'

FB#6 Issued by PBS&J to AFCO on 6/26/06. Modified exterior precast panel details and attachments at connection points to the existing Concourse 'C'. (refer to PBS&J analysis item 6).

FB#7 Issued by PBS&J to AFCO on 6/29/06. Modified the exterior wall finish at new gate C15 on the south face of existing Concourse C to include replacing portion of the curtain was designed as precast back to the existing curtain wall type construction assembly due to structural weight concerns of precast on the existing steel frame structure. (refer to PBS&J analysis item 6).

PBS& J ANALYSIS OF 21R3:

PBS&J's spreadsheet analysis has been arranged to track AFCO's spreadsheet format related to Item numbering and Description of Work where deemed applicable for cross referencing.

Item 1: Removal and replacement of existing doors and windows at ground level per FB # 4.

Item 2: Block up OH door and window opening per FB # 4

Item 3: unsolicited entry from AFCO per Revision 2 drawings (change from bid to permit set) Acknowledged by PBS&J as change. Specifically, lowering of bldg. footings and perimeter stem wall grade beam by one foot to include lowering mechanical rm. floor slab.

Item 3A. This 'Earthwork' item is a request for additional monies for lowering the bottom of building footings by one foot. AFCO's request involves removing an extra 200 CY of earth from footing being excavated per contract. PBS&J's analysis considered the additional labor and equipment time per Means Cost Data to remove this excess earthwork.

Note: AFCO's 01/25/07 schedule update also indicates a 10 day delay to lowering of footings per activity A5430. This request is being rejected by PBS&J.

Item 4: The request is being rejected as to additional cost. Architectural drawings indicated lightweight cellular concrete roofing. Structural Drawing S-2.02 had conflicting data noting lightweight concrete fill with welded wire fabric. Specification 03520 specified Lightweight Concrete Roof Insulation. GC did not ask for verification at bid time. Specifications takes precedence over drawing notes.

Item 5: Hollow metal door and hardware changes per FB #4.

Item 6: Drywall and other changes per FB # 6 & 7 plus other unsolicited wall type changes requested by AFCO and reviewed by PGAL/PBS&J

Item 7: Other AFCO direct cost. Re-evaluated per Means Cost Data Criteria.

Regards,


Kenneth Jacobsen
Sr. Project Manager

File:9.32

Cc: Cindy Portnoy

Aldo Ferrera, AFCO

**PALM BEACH INT'L AIRPORT
CONCOURSE "C" EXPANSION (CCP 21 R3)**

Receive PBS&J January 30, 2007

1. BUILDING DEMOLITION

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	Remove existing window & hollow metal door at ground level	16	EA		\$0.00	\$35.32	\$565.12	\$0.00	\$0.00	\$565.12	Dwg D-2.11 Ground Floor
TOTAL					\$0.00		\$565.12		\$0.00	\$565.12	
										\$565.12	

2. BLOCK UP WINDOWS AND DOOR OPENINGS

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	8" Block at window and door openings	140	SF	\$2.83	\$396.20	\$3.67	\$513.80	\$0.00	\$0.00	\$910.00	Dwg A-2.12
					\$396.20		\$513.80		\$0.00	\$910.00	
TOTAL										\$910.00	

3. CHANGES TO SLAB AND FOOTING ELEVS.

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	F-1 Grade beam (form rebar, place concrete)	15	CY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	No Change Dwg S-1.01A
2	Slab T.E. (form rebar, place concrete)	6	CY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	No Change
3	Extend concrete round columns (form rebar, place concrete)	3	CY	\$400.00	\$1,200.00	\$263.00	\$789.00	\$26.50	\$79.50	\$2,068.50	Dwg S-1.01A
4	Block cell coarse grout	550	SF	\$0.94	\$517.00	\$1.50	\$825.00	\$0.21	\$115.50	\$1,457.50	Dwg S-1.01A
5	Additional cost concrete steps (form rebar, place concrete)	0.35	CY	\$400.00	\$140.00	\$263.00	\$92.05	\$26.50	\$9.28	\$241.33	Dwg S-1.01A
6	8" Block stem wall	550	SF	\$2.90	\$1,595.00	\$3.67	\$2,018.50		\$0.00	\$3,613.50	Dwg S-1.01A
7	Excavation and backfill	200	CY	\$0.00	\$0.00	\$3.42	\$684.00	\$1.51	\$302.00	\$986.00	Dwg S-1.01A
8	Grading slab on grade		SF		\$0.00		\$0.00		\$0.00	\$0.00	Should be included in bid Dwg S-1.01A
TOTAL					\$3,452.00		\$3,724.55		\$204.28	\$7,380.83	
										\$7,380.83	

4. ROOF CHANGES

**PALM BEACH INT'L AIRPORT
CONCOURSE "C" EXPANSION (CCP 21 R3)**

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(S)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(S)	MATERIAL EXTENSION COST(S)	RS MEANS LABOR COST(S)	LABOR EXTENSION COST(S)	RS MEANS EQUIPMENT COST(S)	EQUIPMENT EXTENSION COST(S)		
1	Credit lightweight structural concrete w/welded wire fabric	11254	SF	\$0.00	\$0.00	0.00	0.00	0.00	0.00	0.00	No credit as per project manual section 03520
2	Add cellular lightweight concrete fill at primary roof	11254	SF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
3	Add cellular concrete due to change in depth of metal deck @ monitor roof	5360	SF	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
TOTAL					\$0.00		\$0.00		\$0.00	\$0.00	

5. DOORS AND HARDWARE CHANGES

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(S)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(S)	MATERIAL EXTENSION COST(S)	RS MEANS LABOR COST(S)	LABOR EXTENSION COST(S)	RS MEANS EQUIPMENT COST(S)	EQUIPMENT EXTENSION COST(S)		
1	Hollow metal flush doors w/hardware	9	EA	\$802.00	\$7,218.00	150.00	1,350.00		0.00	8,568.00	Dwg A-2.12
2	Paint doors and frames	9	EA	\$10.75	\$96.75	\$67.40	\$606.60		\$0.00	\$703.35	Dwg A-2.12
TOTAL					\$7,314.75		\$1,956.60		\$0.00	\$9,271.35	

6. DRYWALL AND OTHER CHANGES

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(S)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(S)	MATERIAL EXTENSION COST(S)	RS MEANS LABOR COST(S)	LABOR EXTENSION COST(S)	RS MEANS EQUIPMENT COST(S)	EQUIPMENT EXTENSION COST(S)		
1	Credit partition type P1/NR (Grey)	23	LF	(\$5.73)	(1,511.79)		\$0.00		\$0.00	(\$1,511.79)	South East bathroom chase wall dwg A-2.22
2	Credit partition type W1/NR (Grey)	16	LF	(103.80)	(1,660.80)		\$0.00		\$0.00	-\$1,660.80	South East bathroom chase wall dwg A-2.22
3	Credit partition type BK/2hr (Grey)	39	LF	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	South East bathroom chase wall dwg A-2.22
4	Add partition type B1-GB (Grey)	158	LF	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	South East bathroom chase wall dwg A-2.22
5	Add partition type P1/2hr (Grey)	23	LF	\$160.06	\$3,681.38		\$0.00		\$0.00	\$3,681.38	South East bathroom chase wall dwg A-2.12 (in contract)
6	Add partition type W1/2hr (Grey)	16	LF	\$225.90	\$3,614.40		\$0.00		\$0.00	\$3,614.40	South East bathroom chase wall dwg A-2.22
7	Credit paint (Grey)	420	SF	\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	South East bathroom chase wall dwg A-2.22
8	Lavatory top structural steel frame (to be priced separately)	2840	LB	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	South East bathroom chase wall dwg A-2.22
9	Stall partition overhead steel support (to be priced separately)	1920	LB	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Included in field bulletin 45
10	Credit delete precast panels P-211, P-215, and P-251 (Grey)	4	LS		\$0.00		\$0.00		\$0.00	\$0.00	Included in field bulletin 45
11	Credit demo. Exist perimeter wall	1	LS	(100.00)	(100.00)	(1,500.00)	(1,500.00)	(500.00)	(500.00)	(2,100.00)	Dwg D-2.21
12	Credit delete precast panels P-211, P-212, P-213 and P-214 (Grey)	500	SF	(\$14.65)	(\$7,325.00)		\$0.00		\$0.00	-\$7,325.00	Dwg A-3.11A
13	Credit delete precast panels P-251, P-252, P-250 (partial) (Grey)	400	SF	(\$14.65)	(\$5,860.00)		\$0.00		\$0.00	-\$5,860.00	Dwg A-3.11B
14	Credit demo. Window wall on line X.a between 45.5 and 46.5	1	LS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	In contract dwg 2.21
15	New EIFS wall 18' x 10' (Grey)	180	SF	\$25.00	\$4,500.00		\$0.00		\$0.00	\$4,500.00	Dwg A-3.11
16.00	Credit for three (3) panes storefront glazing	150.00	SF	(23.50)	(3,525.00)	(5.50)	(825.00)	0.00	0.00	(4,350.00)	Dwg A-3.11 (col. 45.5 - 46.5)
TOTAL					-\$8,186.81		-\$2,325.00		-\$500.00	-\$11,011.81	

**PALM BEACH INT'L AIRPORT
CONCOURSE "C" EXPANSION (CCP 21 R3)**

7. OTHER DIRECT COST

ITEM No.	ITEM DESCRIPTION	MATERIAL		LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS	
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)			RS MEANS EQUIPMENT COST(\$)
1	Estimating and Cost Analysis	80	hr		\$0.00		\$0.00		\$0.00	Included in Mark Up on Direct Cost
2	Project Coordination	80	hr		\$0.00		\$0.00		\$0.00	Included in Mark Up on Direct Cost
3	Clean up	80	hr		\$0.00		\$0.00		\$0.00	Included in Mark Up on Direct Cost
4	Safety	80	hr		\$0.00		\$0.00		\$0.00	Included in Mark Up on Direct Cost
5	Maintenance of Traffic	80	hr		\$0.00		\$0.00		\$0.00	Included in Mark Up on Direct Cost
TOTAL					\$0.00		\$0.00		\$0.00	
									\$0.00	

Summarization of Costs:

Material Costs		\$2,976.14
Labor Costs		\$4,435.07
Equipment Costs		-\$295.73
Material & Equipment Costs Taxes	6.50%	\$174.23
Total Direct Costs		\$7,289.71
Construction Multiplier	0.83	\$6,050.46
Mark Up on Direct Costs	15.00%	\$1,093.46
Sub - Contract Costs		
Mark Up on Sub - Contracts	5.00%	\$0.00
SUB - TOTAL		\$7,143.92
OH & Profit	15.00%	\$1,071.59
SUB - TOTAL		\$8,215.51
Bonds and Insurances	2.88%	\$236.61
TOTAL COST		\$8,452.11

Note: Estimate based on 2006 RS Means Construction Cost Data

**PALM BEACH INT'L AIRPORT
CONCOURSE "C" EXPANSION (CCP 21 R3)**

3A. COST FOR ADDITIONAL EXCAVATION OF 200 CU. YD

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(S)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(S)	MATERIAL EXTENSION COST(S)	RS MEANS LABOR COST(S)	LABOR EXTENSION COST(S)	RS MEANS EQUIPMENT COST(S)	EQUIPMENT EXTENSION COST(S)		
1	Excavation	200	CY	\$0.00	\$0.00	\$3.42	\$684.00	\$1.51	\$302.00	\$986.00	
TOTAL										\$986.00	

Summarization of Costs:

Material Costs		\$0.00
Labor Costs		\$684.00
Equipment Costs		\$302.00
Material & Equipment Costs Taxes	6.50%	\$19.63
Total Direct Costs		\$1,005.63
Construction Multiplier	0.83	\$834.67
Mark Up on Direct Costs	15.00%	\$125.20
Sub - Contract Costs		\$0.00
Mark Up on Sub - Contracts	5.00%	\$959.87
SUB - TOTAL		\$1,103.98
OH & Profit	15.00%	\$143.98
SUB - TOTAL		\$1,103.85
Bonds and Insurances	2.88%	\$31.79
TOTAL COST		\$1,135.65



CONSTRUCTORS, INC.

1004 N.W. Madrid Way, Boca Raton, FL 33432

(561) 338-2160 Fax (561) 338-5037

info@afcoconstructors.com

2/7/07

AFCO-06-117-397

January 25, 2007

Attention: Mr. Kenneth Jacobsen

Post, Buckley, Schuh & Jernigan, Inc.
3230 Commerce Place, Suite A
West Palm Beach, FL 33407

Reference: Palm Beach International Airport, Concourse "C" Expansion
Project #PB-05-6
CCP 21R3 – Building Department Revision 2 Items and Field Bulletins 4, 6, and 7

Gentlemen:

As you are well aware the above referenced project has been permitted as per Revision 2 which was issued to AFCO on March 29, 2006. The understanding is that the project is to be built to conform to this revision and as such AFCO and its subcontractors have proceeded with this mandate. Revision 2 drawings are substantially different from the contract documents and have posed challenges to the contracting team. These challenges have made the administration and construction of the project difficult because of the lack of formal bulletins 4, 6, and 7 with the latest date of issuance as of June 29, 2006.

AFCO has now completed its review of the changes resulting from the referenced bulletins and herewith proposes to provide all labor, material, equipment, etc. required for the additional work in the amount of \$199,082.00 (one hundred ninety nine eighty two and xx/100 dollars). It is our view that this work has affected the critical path of the project specifically the foundation work. Its time impact will be forwarded with a schedule update which is forthcoming and therefore with this letter AFCO reserves its rights regarding time. It is important to understand that this proposal only represents the work items that are itemized or contained within the detailed pricing sheets.

As agreed AFCO is proceeding with the changed work and a formal change order must be issued for the corresponding amount and an agreed to time extension as soon as practical.

Very truly yours,
AFCO Constructors, Inc.

Sean-Paul Ferrera
Project Engineer

Attachments

CC: D. Frank, PBC-DOA
A. Ferrera, AFCO

~~AFCO hereby reserves its right to claim for any and all work caused by omissions or errors in the drawings or specifications of the project as a result of AFCO's failure to provide a complete set of drawings and specifications to the contractor.~~

lightweight
spec'd

711

711

back-up

in contract

0

4	Roof Changes													
	Credit lightweight structural concrete w/welded wire fabric	11254	sf	0.70	\$(1.10)	\$(12,379.40)		\$(0.25)	\$(2,813.50)		\$(0.09)	\$(956.59)		
	Add cellular lightweight concrete fill at primary roof	11254	sf	1.04	\$1.53	\$17,218.62		\$0.25	\$2,813.50		\$0.13	\$1,463.02		
	Add cellular concrete due to change in depth of metal deck @ monitor roof	5360	sf		\$0.37	\$1,983.20		\$0.15	\$804.00		\$0.02	\$107.20		
	Note: Changes in deck gauge and depth priced with other CCPs													
5	Doors and Hardware Changes													
	Hollow metal flush doors w/ hardware	9	ea		\$775.00	\$6,975.00		\$200.00	\$1,800.00		\$20.00	\$180.00		
	Paint doors and frames	9	ea		\$10.00	\$90.00		\$75.00	\$675.00		\$2.00	\$18.00		
6	Drywall and Other Changes													
	Credit partition type P1/NR (Grey)	23	lf										\$(65.73)	\$(1,512.00)
	Credit partition type W1/NR (Grey)	16	lf										\$(103.80)	\$(1,661.00)
	Credit partition type BK/2hr (Grey)	39	lf										\$(35.10)	\$(1,369.00)
	Add partition type B1-GB (Grey)	158	lf										\$61.83	\$9,769.00
	Add partition type P1/2hr (Grey)	23	lf										\$160.06	\$3,681.00
	Add partion type W1/2hr (Grey)	16	lf										\$225.90	\$3,614.00
	Credit paint (Grey)	420	sf										\$(0.45)	\$(189.00)
	Lavatory top structural steel frame (to be priced separately)	2840	lb											
	Stall partition overhead steel support (to be priced separately)	1920	lb											
	Credit delete precast panels P-211, P-215, and P-251 (Grey)	1	ls										\$(10,073.00)	\$(10,073.00)
	Credit demo. exist. perimeter wall	1	ls		\$(100.00)	\$(100.00)		\$(900.00)	\$(900.00)		\$(400.00)	\$(400.00)		
	Add. cost demo. window wall on line X.a between 45.5 and 46.5	1	ls		\$50.00	\$50.00		\$800.00	\$800.00		\$720.00	\$720.00		
	New EIFS wall 18' X 10' (Grey) 14x10	440	sf										\$25.00	-\$11,000.00
		140												
7	Other Direct Costs													
	Estimating and Cost Analysis	80	hr					\$45.00	\$3,600.00					
	Project Coordination	80	hr					\$45.00	\$3,600.00					
	Clean Up	80	hr					\$25.00	\$2,000.00					
	Safety	80	hr		\$10.00	\$800.00		\$25.00	\$2,000.00					
	Maintenance of Traffic	80	hr		\$20.00	\$1,600.00		\$49.50	\$3,960.00		\$60.00	\$4,800.00		
	SUB TOTALS					\$33,870.73			\$51,550.64			\$37,314.59		\$13,260.00

drawing
sketch
backup

4500

Summarization of Costs

Material Costs		\$33,870.73
Labor Costs		\$51,550.64
Labor Burden Costs	52.35%	\$26,986.76
Equipment Costs		\$37,314.59
Material & Equipment Costs Taxes	6.50%	\$4,627.05
Total Direct Costs		\$154,349.77
Mark Up on Direct Costs	15.00%	\$23,152.47
Sub-Contract Costs		\$13,260.00
Mark Up on Sub-Contracts	5.00%	\$663.00
SUB-TOTAL		\$191,425.24
Bonds and Insurances		\$7,657.01
TOTAL COST FOR THIS CHANGE PROPOSAL		\$199,082.25

attach FB 4.6.87
as backup verification

NOTES

- Any changes not itemized or contained within this change proposal are excluded and will be priced separately.
- MECC responsible for any resulting time schedule impacts.
- No electrical changes are included with this CCP.
- Additional PCC pavements are not included with this CCP and will be included with another CCP.

FIELD BULLETIN No. 04
CONCOURSE-C EXPANSION AT
PALM BEACH INTERNATIONAL AIRPORT

RECEIVED

JUN 22 2006

so Constructors, Inc.

PROJECT: **Concourse C Expansion PB-05-06**

DATE: 6/21/06

TO: Michael Laureano, AFCO Constructors, Inc.

FB Description: Building Department Revision #2 Items

Applicable Drawing(s): D-2.11, A2.12, A-6.11, A-6.22, A-7.10, A7.11

Applicable Specification(s): _____

Applicable Shop Drawing(s): _____

THIS BULLETIN IS NOT A CHANGE IN THE ABOVE CONTRACT NOR AN AUTHORIZATION TO THE CONTRACTOR TO PERFORM WORK, OTHER THAN CONTRACT WORK, OR TO STOP OR SUSPEND WORK UNLESS SPECIFICALLY AUTHORIZED BY THIS BULLETIN. However, it covers certain PROPOSED MODIFICATIONS to the work covered by said contract.

CAUSE:

Permit drawings were modified to incorporate building department comments not incorporated in the bid set, but illustrated in the permit set.

DETAILED DESCRIPTION:

The following sheets have been modified in the permit set of Construction Drawings and may be additive or deductive to the scope of work.

D-2.11 - The sheet was modified to include demo of existing windows along column line 47.5.

A-2.12 - The sheet was modified to clarify the finish floor elevations. One step was added to the Mechanical Room (CC-1204) stair. In-fill, with CMU, the openings for the demolished windows along column line 47.5. Provide fire rated doors along column line 47.5. Fire extinguisher cabinet locations were modified.

A-6.11 - Door and Frame Schedule was modified to include fire rated doors along column line 47.5.

A-6.22 - Window 3.1 (10'x14'-6") was delated from the project.

A-7.10 - Drawing was modified to include detail for structural support for vanity.

A-7.11 - Detail was added for steel support for toilet partitions.

A/E FIRM: PGAL (Architectural) PBS&J (Civil) RCT (Structural)
 Gartek (Mechanical) Gartek (Electrical) Gartek (Plumbing)

ORIGINATOR: Ken Jacobsen

SIGNATURE

DATE: 6/21/06

REMARKS: _____

RESPONSE BY: _____

SIGNATURE: _____

DATE: _____

FIELD BULLETIN No. 06

CONCOURSE-C EXPANSION AT
PALM BEACH INTERNATIONAL AIRPORT

PROJECT: Concourse C Expansion PB-05-06

DATE: 6/23/06

TO: Michael Laureano, AFCO Constructors, Inc.

FB Description: Revisions to pre cast panels at column line S

Applicable Drawing(s): PGAL Control #A-2.22 (SK-A05), A-5.15 (SK-A12) & A-5.13 (SK-A13)

Applicable Specification(s): _____

Applicable Shop Drawing(s): _____

THIS BULLETIN IS NOT A CHANGE IN THE ABOVE CONTRACT NOR AN AUTHORIZATION TO THE CONTRACTOR TO PERFORM WORK, OTHER THAN CONTRACT WORK, OR TO STOP OR SUSPEND WORK UNLESS SPECIFICALLY AUTHORIZED BY THIS BULLETIN. However, it covers certain PROPOSED MODIFICATIONS to the work covered by said contract.

CAUSE:

The interface of the new building and how it connects to the existing concourse was discussed. This discussion resulted in further investigation which generated a revision to the design of the for this area.

DETAILED DESCRIPTION:

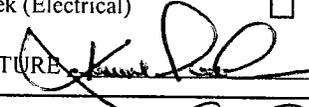
Remove the portion of the existing wall indicated on the attached sketches. Provide and construct a new exterior frame wall as described. The reveals and Coquina finish shall match the existing concourse.

The second floor slab and affected roof area shall be infilled as detailed on the attached sketches. In addition, the new pre cast panels shall be manufactured according to the revised design.

Please provide a proposal which identifies any and all costs associated with this revision.

A/E FIRM: PGAL (Architectural) PBS&J (Civil) RCT (Structural)
 Gartek (Mechanical) Gartek (Electrical) Gartek (Plumbing)

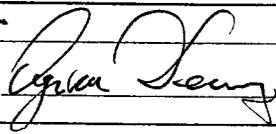
ORIGINATOR: Ken Jacobsen

SIGNATURE: 

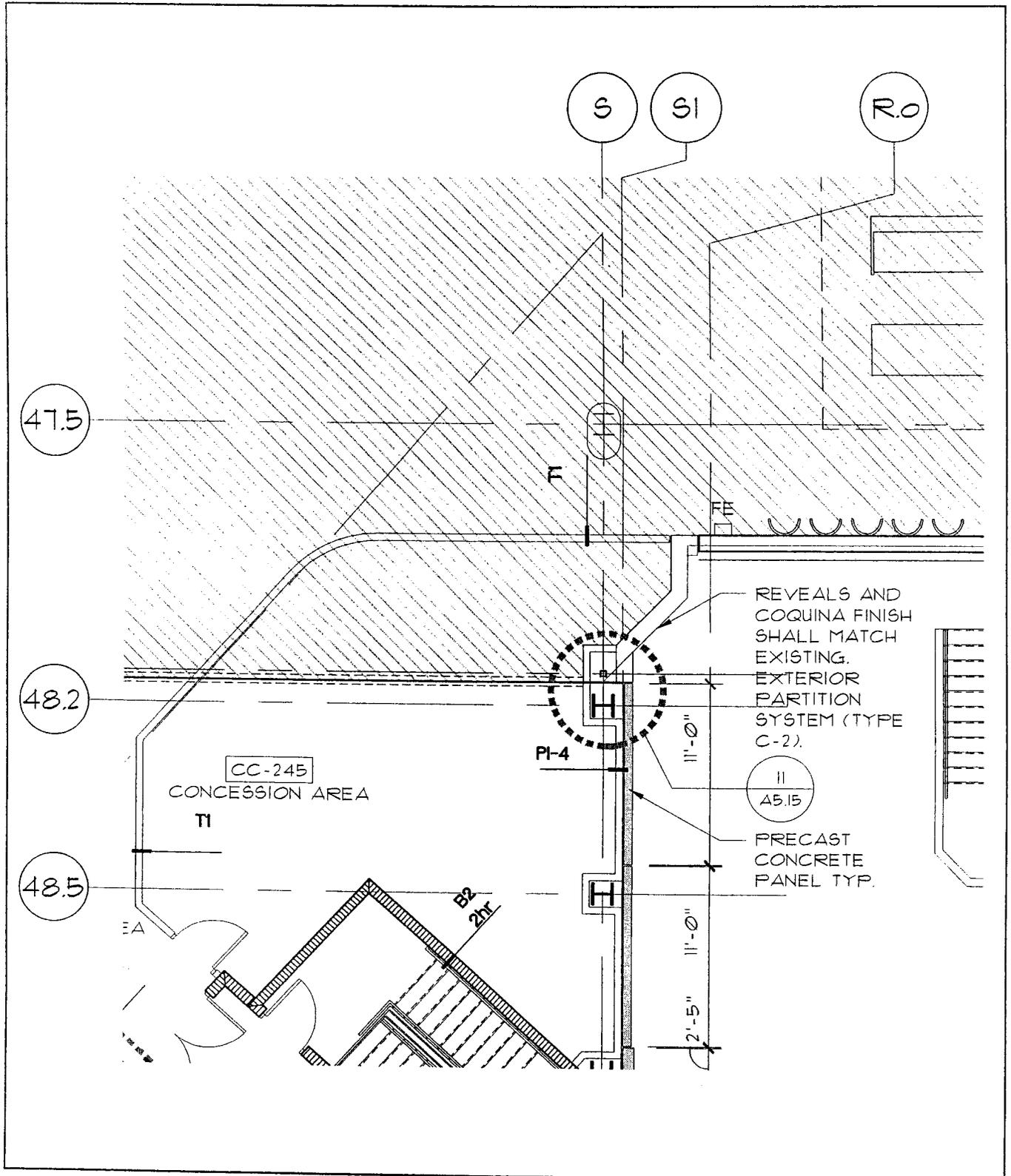
DATE: 6/26/06

REMARKS: _____

RESPONSE BY: _____

SIGNATURE: 

DATE: 6/27/06



SCALE: 1/8" = 1'-0"

DRAWING REF. A-222

RFI# N/A

SK-A05



NATIONAL AVIATION

3230 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 689-7275

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

JUNE 21, 2006
CONTROL # A-222 A

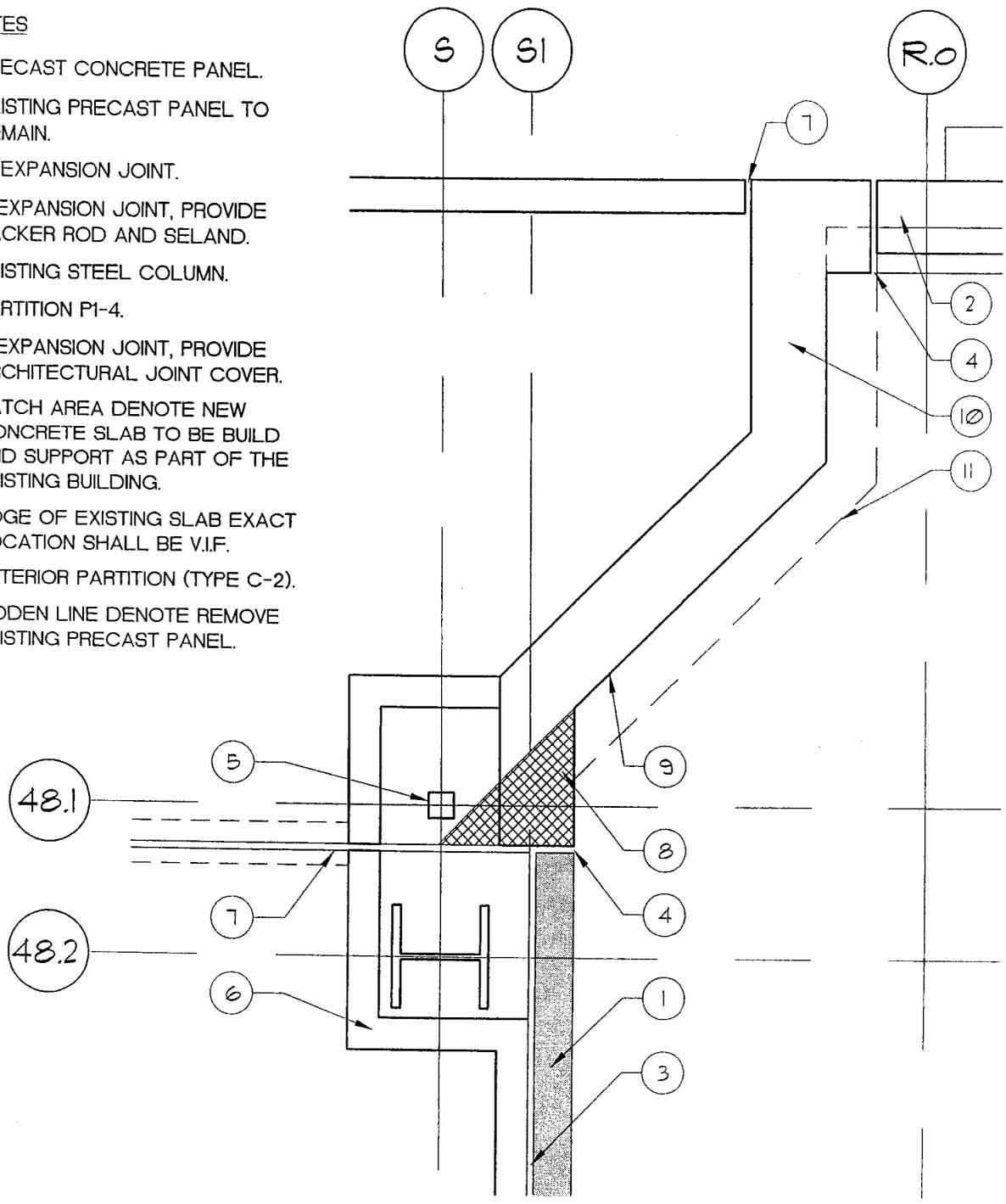


ARCHITECTS

791 Park of Commerce Blvd, Suite 400
Boca Raton, FL 33487
TEL: (561) 988-4002

KEY NOTES

- ① PRECAST CONCRETE PANEL.
- ② EXISTING PRECAST PANEL TO REMAIN.
- ③ 2' EXPANSION JOINT.
- ④ 1' EXPANSION JOINT, PROVIDE BACKER ROD AND SELAND.
- ⑤ EXISTING STEEL COLUMN.
- ⑥ PARTITION P1-4.
- ⑦ 1' EXPANSION JOINT, PROVIDE ARCHITECTURAL JOINT COVER.
- ⑧ HATCH AREA DENOTE NEW CONCRETE SLAB TO BE BUILT AND SUPPORT AS PART OF THE EXISTING BUILDING.
- ⑨ EDGE OF EXISTING SLAB EXACT LOCATION SHALL BE V.I.F.
- ⑩ EXTERIOR PARTITION (TYPE C-2).
- ⑪ HIDDEN LINE DENOTE REMOVE EXISTING PRECAST PANEL.



DETAIL @ PANEL

1/2" = 1'-0" 11

SCALE: 1/2" = 1'-0"

DRAWING REF. A-5.15

RFI# N/A

SK-A12



NATIONAL AVIATION

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Suite A
West Palm Beach, FL 33407
TEL: (561) 689-7275

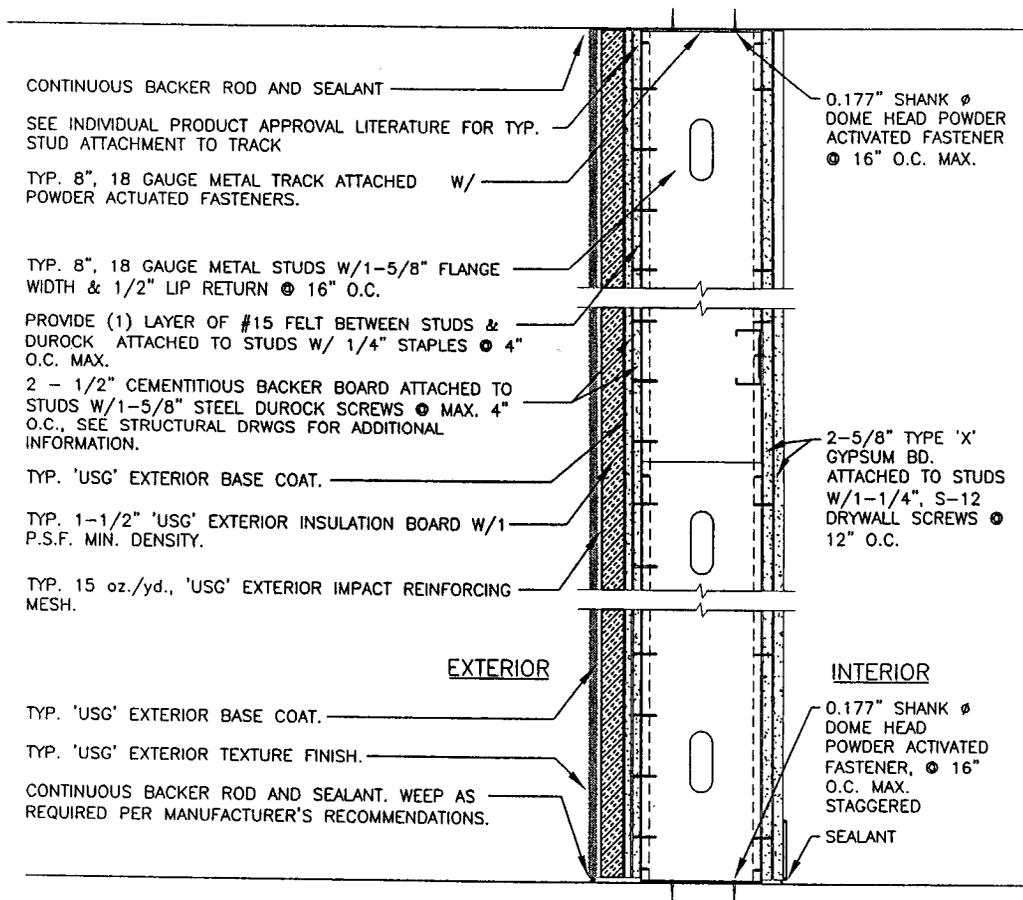
CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

JUNE 21, 2006
CONTROL # A-5.15 A

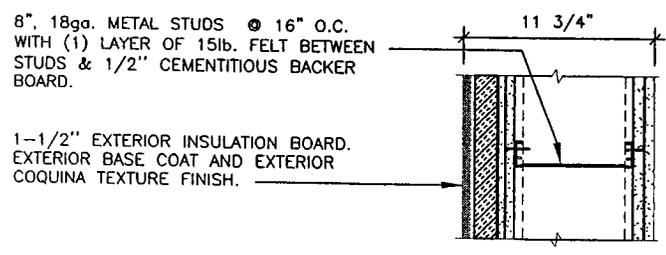


ARCHITECTS

791 Park of Commerce Blvd, Suite 400
Boca Raton, FL 33487
TEL: (561) 988-4002



WALL SECTION TYPE C2 — IMPACT WALL
 (2) HR. FIRE RATED
 CONFIGURATION B
 UL DES. NO. U404



PLAN VIEW

WALL TYPE C2

DRAWING REF. A-5.13

RF# N/A

SK-A13

PBS&J
 NATIONAL AVIATION
 3230 Commerce Place
 Suite A
 West Palm Beach, FL 33407
 TEL: (561) 689-7275

**CONCOURSE 'C' EXPANSION
 PALM BEACH INTERNATIONAL AIRPORT
 PALM BEACH COUNTY FLORIDA**

JUNE 21, 2006
 CONTROL # A-5.13 A

PGAL
 ARCHITECTS
 791 Park of Commerce Blvd, Suite 400
 Boca Raton, FL 33487
 TEL: (561) 988-4002

FIELD BULLETIN No. 07

**CONCOURSE-C EXPANSION AT
PALM BEACH INTERNATIONAL AIRPORT**

PROJECT: Concourse C Expansion PB-05-06

DATE: 6/29/06

TO: Michael Laureano, AFco Constructors, Inc.

FB Description: Provide curtain wall in lieu of pre cast panels on concourse south wall

Applicable Drawing(s): SK-A06, SK-A07, SK-A08, SK-A10, SK-A11, SK-A14, SK-A16, SK-A17, SK-A18

Applicable Specification(s): _____

Applicable Shop Drawing(s): _____

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CAUSE:

A design consider to match the existing concourse and minimize the demolition resulted in a curtain wall in lieu of pre cast assembly.

DETAILED DESCRIPTION:

The attached sketch plans, sections, elevation and details define the revisions to the design of the new portions of the south wall of concourse 'C'.

The pre cast assembly at gate C15 (between column line 45.5 & 46.5) has been deleted in lieu of a curtain wall system. The impact to the existing building has been minimized and only the inset glazed portion will be affected.

In addition the pre cast at the existing concourse to new concourse interface (at column line 47.5) has been deleted in lieu of a curtain wall assembly. The impact on the existing concourse has been minimized in this area also.

Provide a proposal which identifies any and all costs associated with this revision.

RECEIVED

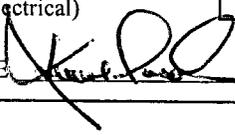
JUN 28 2006

Afco Constructors, Inc.

A/E FIRM: PGAL (Architectural) PBS&J (Civil) RCT (Structural)
 Gartek (Mechanical) Gartek (Electrical) Gartek (Plumbing)

ORIGINATOR: Ken Jacobsen

SIGNATURE



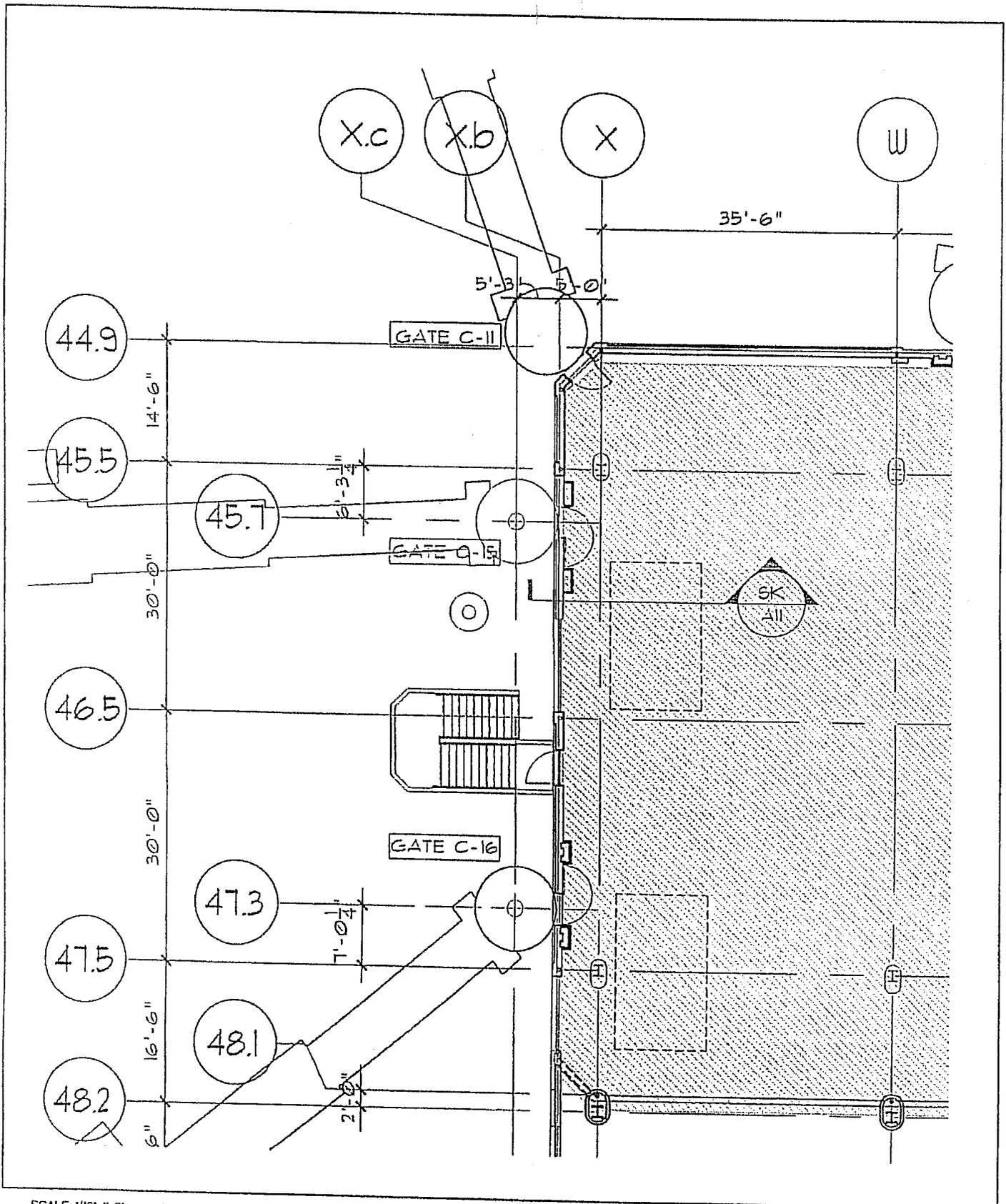
DATE: 6/29/06

REMARKS: _____

RESPONSE BY: _____

SIGNATURE: _____

DATE: _____



SCALE: 1/16"=1'-0"

DRAWING REF. A-220

RFI# N/A

SK-A06



NATIONAL AVIATION
3200 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 999-7275

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

JUNE 19, 2006
CONTROL # A-220 A



ARCHITECTS
701 Park of Commerce Blvd, Suite
400
Boca Raton, FL 33407
TEL: (561) 998-4002

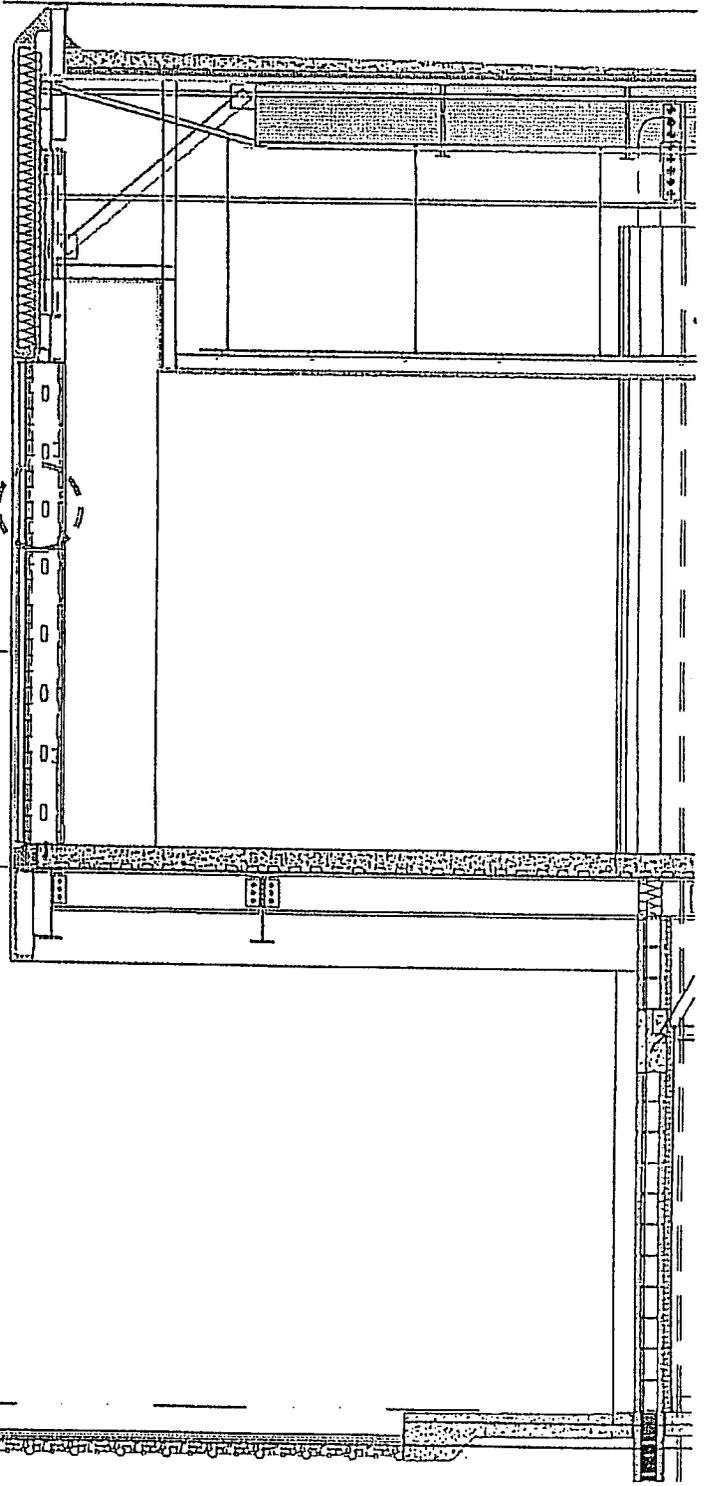
EL. 48'-3"
T.O. PARAPET

EL. 46'-8"
T.O. STEEL

EL. 30'-9"
HOLD FLR.

EL. 18'-9"
T.O. SLAB

C2
A5.13



SCALE: 1/4" = 1'-0"

DRAWING REF. A-4.11

RFB N/A

SK-A11



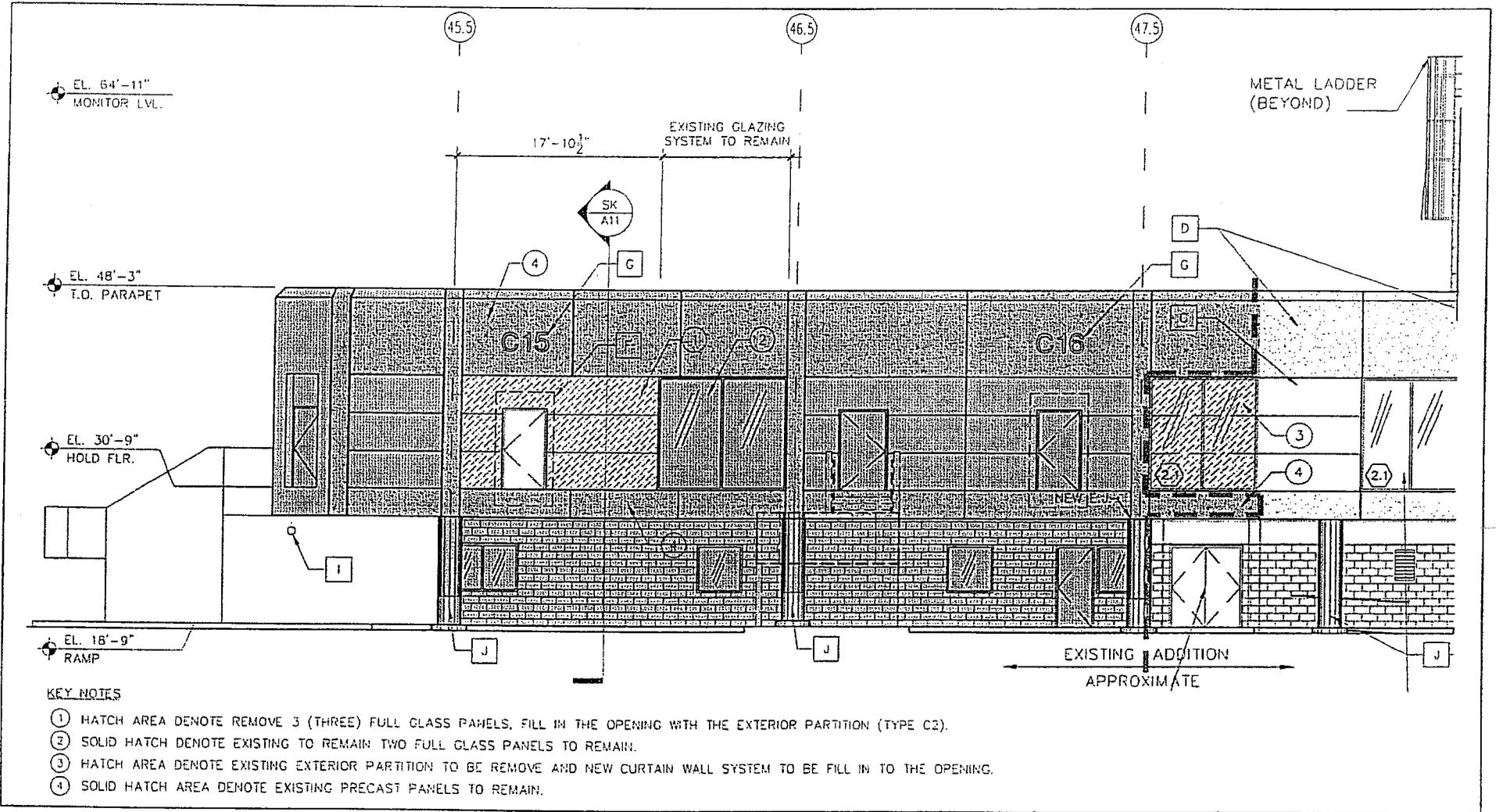
NATIONAL AVIATION
3230 Commerce Place
Bldg. A
West Palm Beach, FL 33407
TEL: (561) 837-7275

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

JUNE 14, 2006
CONTROL # A-4.11 A



ARCHITECTS
701 Park of Commerce Blvd. Suite 400
Boca Raton, FL 33407
TEL: (561) 986-4002



KEY NOTES

- ① HATCH AREA DENOTE REMOVE 3 (THREE) FULL GLASS PANELS, FILL IN THE OPENING WITH THE EXTERIOR PARTITION (TYPE C2).
- ② SOLID HATCH DENOTE EXISTING TO REMAIN TWO FULL GLASS PANELS TO REMAIN.
- ③ HATCH AREA DENOTE EXISTING EXTERIOR PARTITION TO BE REMOVE AND NEW CURTAIN WALL SYSTEM TO BE FILL IN TO THE OPENING.
- ④ SOLID HATCH AREA DENOTE EXISTING PRECAST PANELS TO REMAIN.

SCALE: 1/8"=1'-0" DRAWING REF. A-3.11

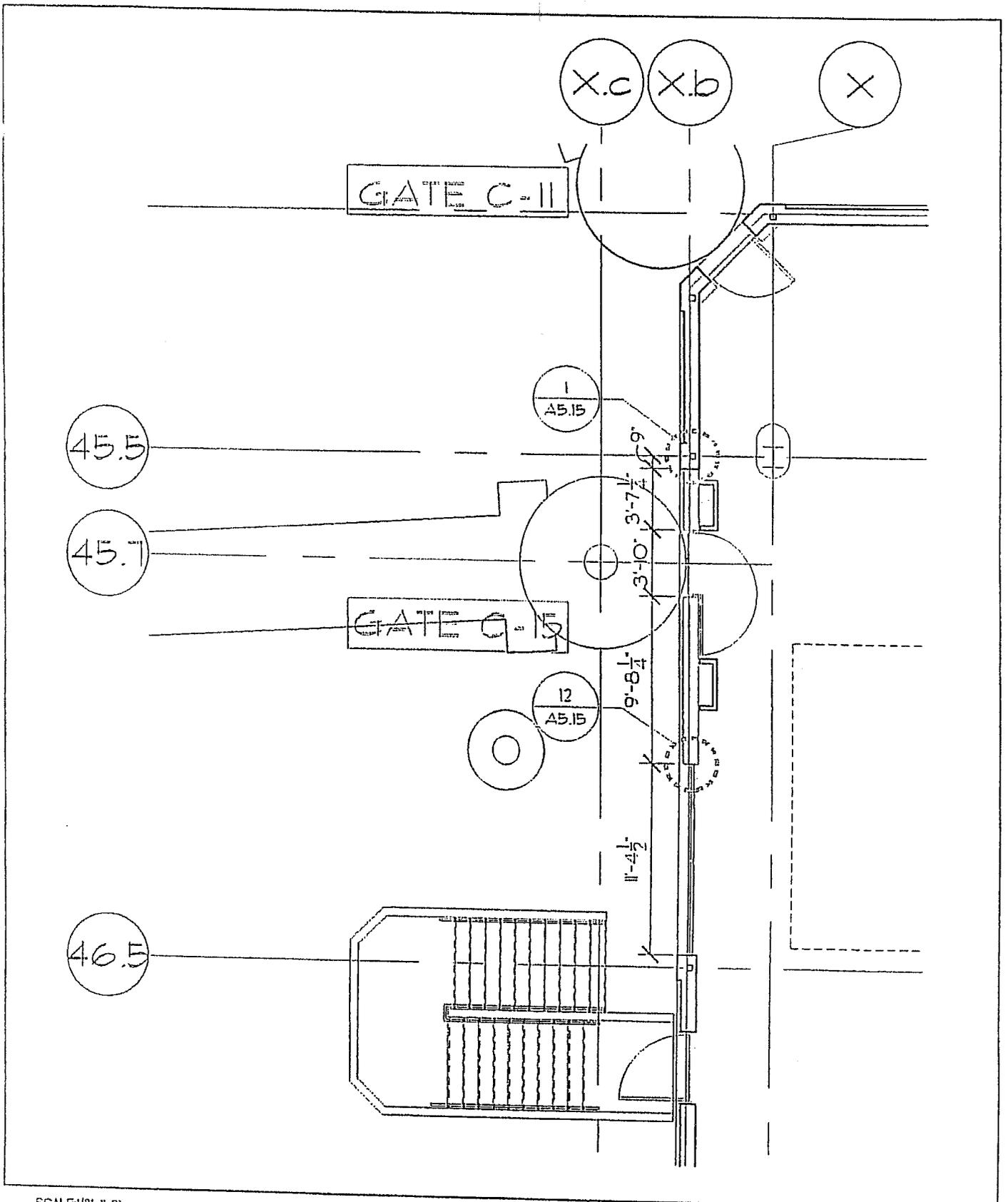
R07 11/A SK-A08

PBSI
 NATIONAL AVIATION
 3230 Commerce Place
 Suite A
 West Palm Beach, FL 33407
 TEL: (561) 838-7725

**CONCOURSE "C" EXPANSION
 PALM BEACH INTERNATIONAL AIRPORT
 PALM BEACH COUNTY FLORIDA**

JUNE 20, 2005
 CONTROL # A-3.11 A

PGAL
 ARCHITECTS
 781 W. of Comm. Blvd.
 Suite 402
 Boca Raton, FL 33487
 TEL: (561) 988-6002



SCALE: 1/8" = 1'-0"

DRAWING REF. A-2.21

RFI# N/A

SK-A16



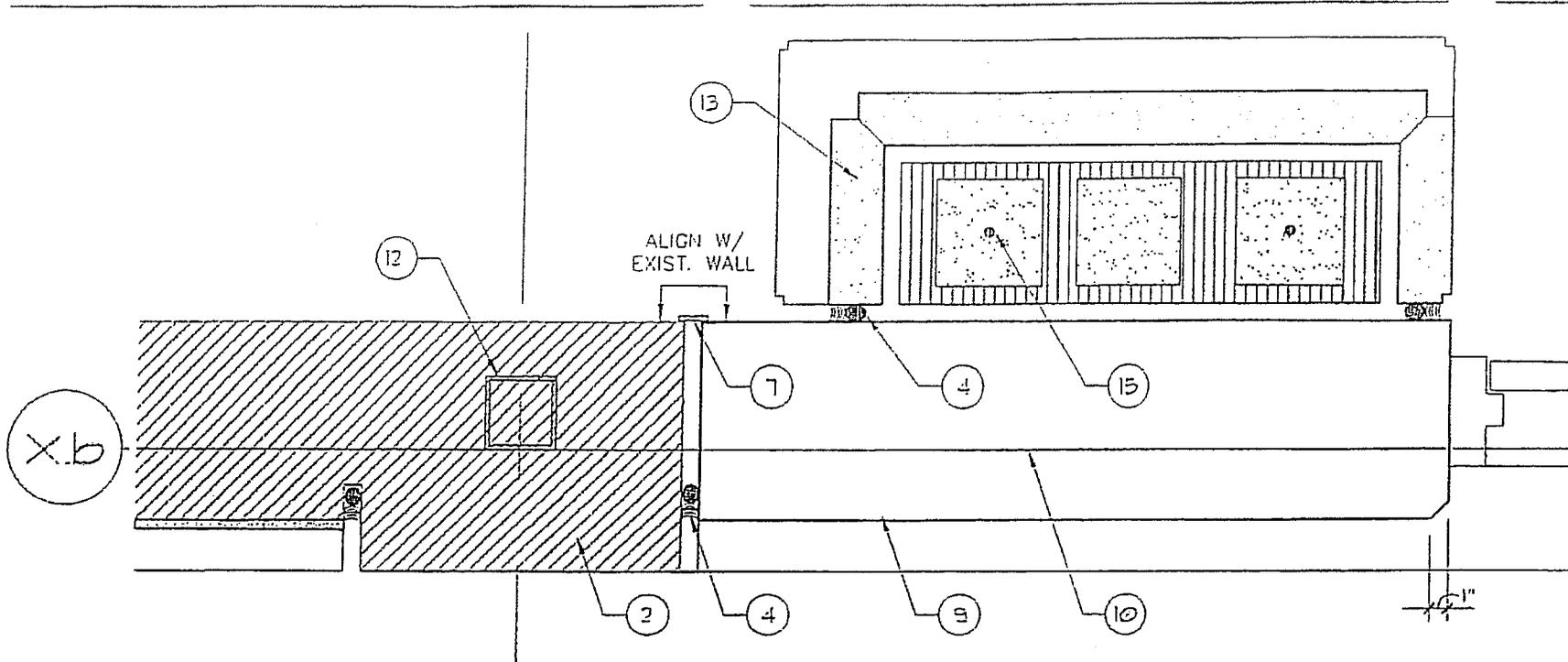
NATIONAL AVIATION
 3200 Commerce Plaza
 Suite A
 West Palm Beach, FL 33407
 TEL: (561) 659-7275

CONCOURSE 'C' EXPANSION
 PALM BEACH INTERNATIONAL AIRPORT
 PALM BEACH COUNTY FLORIDA

JUNE 19, 2006
 CONTROL # A-2.21 A



ARCHITECTS
 701 Park of Commerce Blvd. Suite
 400
 Boca Raton, FL 33437
 TEL: (561) 688-4002



KEY NOTES

- (1) PRECAST CONCRETE PANEL
- (2) EXISTING PRECAST PANEL TO REMAIN.
- (3) 2' EXPANSION JOINT.
- (4) 1' EXPANSION JOINT, PROVIDE BACKER ROD AND SELAND.
- (5) EXISTING STEEL COLUMN.
- (6) PARTITION P1-4.
- (7) 1' EXPANSION JOINT, PROVIDE ARCHITECTURAL JOINT COVER.
- (8) HATCH AREA DENOTE NEW CONCRETE SLAB TO BE BUILT AND SUPPORT AS PART OF THE EXISTING BUILDING.
- (9) EDGE OF EXISTING SLAB EXACT LOCATION SHALL BE V.I.F.
- (10) EXTERIOR PARTITION (TYPE C-2).
- (11) HIDDEN LINE DENOTE REMOVE EXISTING PRECAST PANEL.
- (12) EXISTING STEEL HANGER.
- (13) KEYSTONE VANNER.
- (14) CURTAIN WALL SYSTEM.
- (15) FILL IN WITH CONCRETE GROUND ONE CONTINUOUS #5, PROVIDE "J" ANCHORE INTO THE CONCRETE SLAB AT TOP AND BOTTOM. REFER TO STRUCTURAL DWGS. FOR SIMILAR CONNECTIONS.

45.5

DETAIL @ PANEL

1/2" = 1'-0" 1

SCALE: 1/2" = 1'-0" DRAWING REF. A-5.15

RFI# N/A SK-A10

PBS&J
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 3200 Commerce Place
 Suite A
 West Palm Beach, FL 33407
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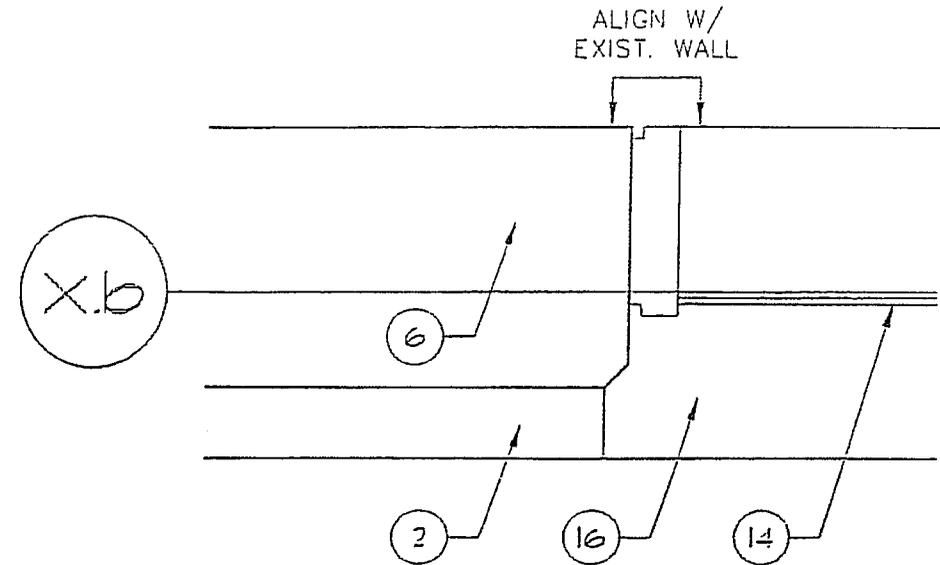
CONCOURSE 'C' EXPANSION
 PALM BEACH INTERNATIONAL AIRPORT
 PALM BEACH COUNTY FLORIDA

JUNE 23, 2006
 CONTROL # A-5.15 A

PGAL
 ARCHITECTS
 701 Park of Commerce Blvd, Suite
 400
 Boca Raton, FL 33487
 TEL: (561) 968-4302

KEY NOTES

- ① PRECAST CONCRETE PANEL.
- ② EXISTING PRECAST PANEL TO REMAIN.
- ③ 2' EXPANSION JOINT.
- ④ 1' EXPANSION JOINT, PROVIDE BACKER ROD AND SELAND.
- ⑤ EXISTING STEEL COLUMN.
- ⑥ PARTITION P1-4.
- ⑦ 1' EXPANSION JOINT, PROVIDE ARCHITECTURAL JOINT COVER.
- ⑧ HATCH AREA DENOTE NEW CONCRETE SLAB TO BE BUILD AND SUPPORT AS PART OF THE EXISTING BUILDING.
- ⑨ EDGE OF EXISTING SLAB EXACT LOCATION SHALL BE V.I.F.
- ⑩ EXTERIOR PARTITION (TYPE C-2).
- ⑪ HIDDEN LINE DENOTE REMOVE EXISTING PRECAST PANEL.
- ⑫ EXISTING STEEL HANGER.
- ⑬ KEYSTONE VANNER.
- ⑭ CURTAIN WALL SYSTEM.
- ⑮ FILL IN WITH CONCRETE GROUND ONE CONTINUOUS #5, PROVIDE 'J' ANCHORE INTO THE CONCRETE SLAB AT TOP AND BOTTOM. REFER TO STRUCTURAL DWGS. FOR SIMILAR CONNECTIONS.
- ⑯ ALUMINUM FLASHING.
- ⑰ BACKER ROD AND SELAND.
- ⑱ NEW SLAB EDGE.



DETAIL @ PANEL

1/2" = 1'-0" 12

SCALE: 1 1/2" = 1'-0" DRAWING REF. A-5.15

RFI# N/A

SK-A17



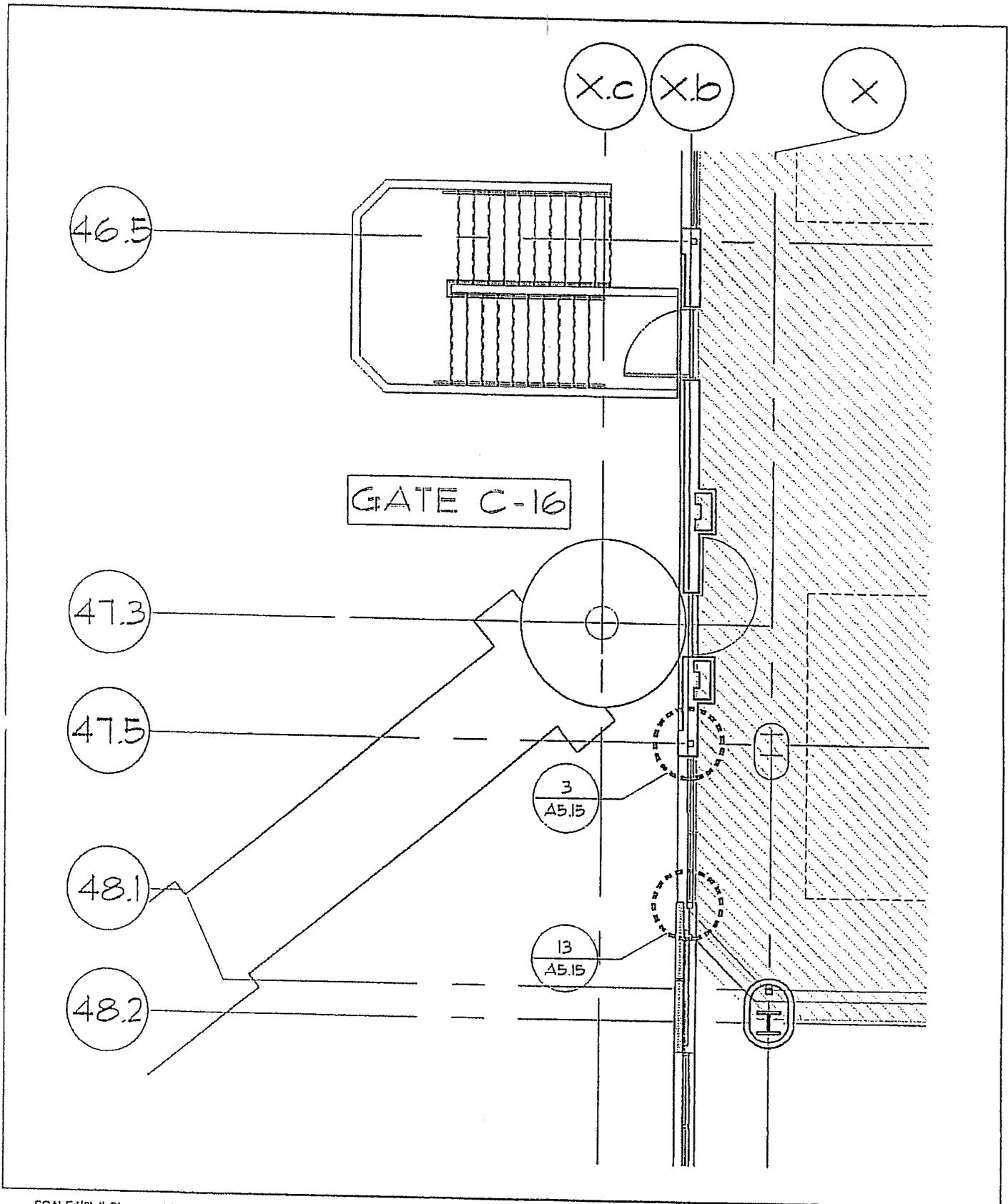
NATIONAL AVIATION
3200 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 882-7275

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

JUNE 27, 2006
CONTROL # A-5.15 A



ARCHITECTS
791 Park of Commerce Blvd, Suite
400
Boca Raton, FL 33487
TEL: (561) 968-4002



SCALE: 1/8" = 1'-0"

DRAWING REF. A-221

RFI# N/A

SK-A07



NATIONAL AVIATION
3200 Commerce Place
Suite A
West Palm Beach, FL 33417
TEL (561) 889-7225

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

JUNE 13, 2006
CONTROL # A-221 B

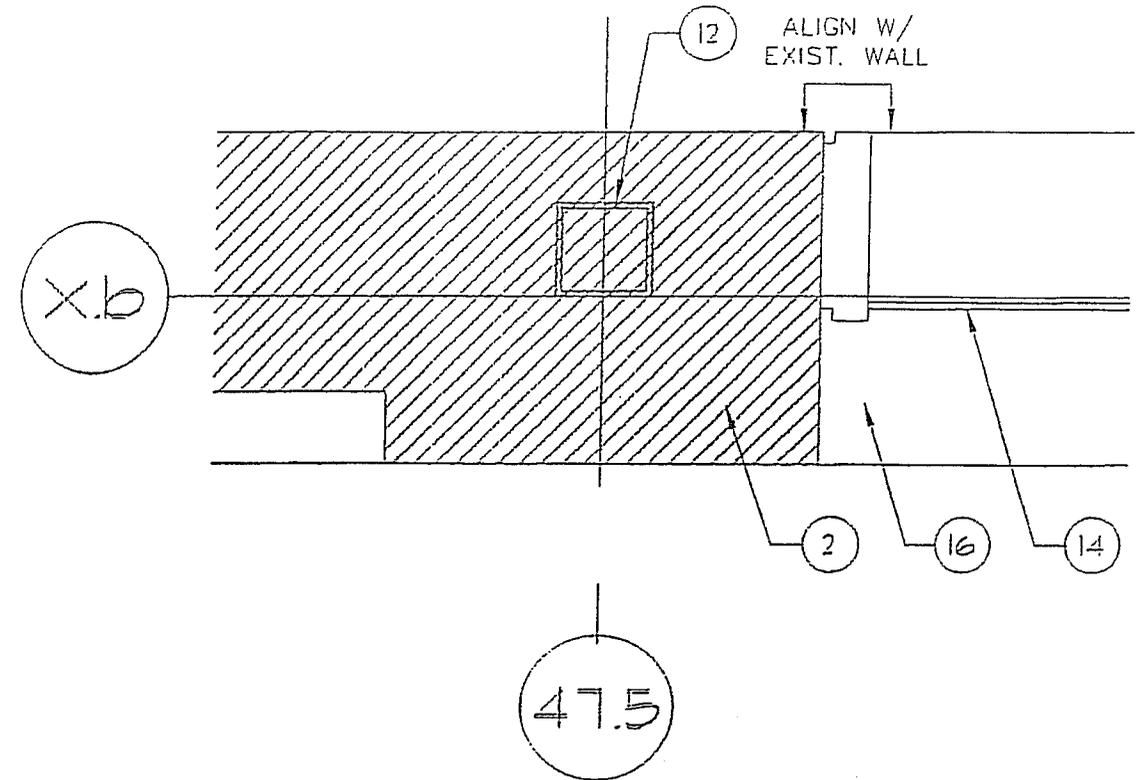


ARCHITECTS

701 Park of Commerce Blvd. Suite
400
Boca Raton, FL 33487
TEL (561) 998-4002

KEY NOTES

- ① PRECAST CONCRETE PANEL.
- ② EXISTING PRECAST PANEL TO REMAIN.
- ③ 2" EXPANSION JOINT.
- ④ 1" EXPANSION JOINT, PROVIDE BACKER ROD AND SELAND.
- ⑤ EXISTING STEEL COLUMN.
- ⑥ PARTITION P1-4.
- ⑦ 1" EXPANSION JOINT, PROVIDE ARCHITECTURAL JOINT COVER.
- ⑧ HATCH AREA DENOTE NEW CONCRETE SLAB TO BE BUILD AND SUPPORT AS PART OF THE EXISTING BUILDING.
- ⑨ EDGE OF EXISTING SLAB EXACT LOCATION SHALL BE V.I.F.
- ⑩ EXTERIOR PARTITION (TYPE C-2).
- ⑪ HIDDEN LINE DENOTE REMOVE EXISTING PRECAST PANEL.
- ⑫ EXISTING STEEL HANGER.
- ⑬ KEYSTONE VENNER.
- ⑭ CURTAIN WALL SYSTEM.
- ⑮ FILL IN WITH CONCRETE GROUND ONE CONTINUOUS #5, PROVIDE "J" ANCHORE INTO THE CONCRETE SLAB AT TOP AND BOTTOM. REFER TO STRUCTURAL DWGS. FOR SIMILAR CONNECTIONS.
- ⑯ ALUMINUM FLASHING.
- ⑰ BACKER ROD AND SELAND.
- ⑱ NEW SLAB EDGE.



DETAIL @ PANEL

1/2" = 1'-0" ③

SCALE: 1 1/2" = 1'-0" DRAWING REF. A-5.15

RF# N/A

SK-A14



NATIONAL AVIATION
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 625-7275

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

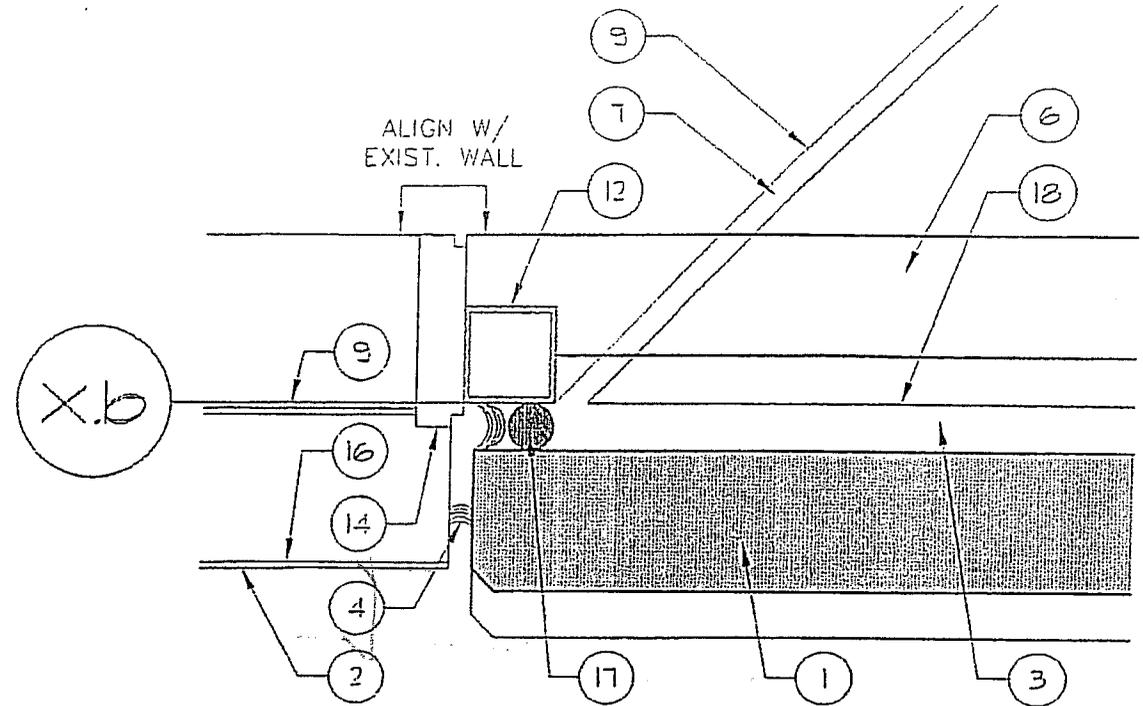
JUNE 23, 2006
CONTROL # A-5.15 A



ARCHITECTS
701 Park of Commerce Blvd. Suite 400
Boca Raton, FL 33487
TEL: (561) 968-4002

KEY NOTES

- ① PRECAST CONCRETE PANEL.
- ② EXISTING PRECAST PANEL TO REMAIN.
- ③ 2' EXPANSION JOINT.
- ④ 1' EXPANSION JOINT, PROVIDE BACKER ROD AND SELAND.
- ⑤ EXISTING STEEL COLUMN.
- ⑥ PARTITION P1-4.
- ⑦ 1' EXPANSION JOINT, PROVIDE ARCHITECTURAL JOINT COVER.
- ⑧ HATCH AREA DENOTE NEW CONCRETE SLAB TO BE BUILT AND SUPPORT AS PART OF THE EXISTING BUILDING.
- ⑨ EDGE OF EXISTING SLAB EXACT LOCATION SHALL BE V.I.F.
- ⑩ EXTERIOR PARTITION (TYPE C-2).
- ⑪ HIDDEN LINE DENOTE REMOVE EXISTING PRECAST PANEL.
- ⑫ EXISTING STEEL HANGER.
- ⑬ KEYSTONE VENNER.
- ⑭ CURTAIN WALL SYSTEM.
- ⑮ FILL IN WITH CONCRETE GROUND ONE CONTINUOUS #5, PROVIDE 'J' ANCHORE INTO THE CONCRETE SLAB AT TOP AND BOTTOM. REFER TO STRUCTURAL DWGS. FOR SIMILAR CONNECTIONS.
- ⑯ ALUMINUM FLASHING.
- ⑰ BACKER ROD AND SELAND.
- ⑱ NEW SLAB EDGE.



DETAIL @ PANEL

1/2" = 1'-0" 13

SCALE: 1 1/2" = 1'-0" DRAWING REF. A-515

RF# N/A SK-A18



NATIONAL AVIATION
3220 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 620-7275

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

JUNE 27, 2006
CONTROL # A-515 A



ARCHITECTS
701 Park of Commerce Blvd. Suite 400
Boca Raton, FL 33487
TEL: (561) 960-4002



March 5, 2007

Jerry Allen
Deputy Director of Planning and Community Affairs
Department of Airports
PBIA Bldg 846
West Palm Beach , FL. 33406

Re: CCP Proposal No. 37R2
Referencing: FB#25 and RFI's 62 and 100
Revisions to Interior Stair

Dear Mr. Allen;

The A/E has made the following analysis of AFCO Constructors CCP No. 37R2 and prior/subsequent scope and cost revisions to that submittal. AFCO's proposal 37R2 has been analyzed using Means 2006 cost data and is being recommended for approval to the Department of Airports in the amount of **\$20,887** per the attached analysis.

A summary of the negotiations with AFCO is as follows:

- CCP No.37 was submitted to PBS&J on 11/14/06 requesting \$34,261 and a 5 day time extension.
- PBS&J responded on 12/04/06 with a draft offer of \$ 12,723 with no decision on time.
- CCP No.37R was submitted on 1/23/07 with revised scope for \$42,221 and a 8 day time extension.
- PBS&J responded to CCP 37R on 02/09/07 with a draft analysis of \$25,493 and a recommendation to reject the 8 day time extension request.
- CCP No. 37R2 was submitted on 02/12/07 with revised pricing requesting \$38,806
- PBS&J involves Miami estimating staff on 02/19/07 to review CCP No. 37R2 using Means 2006 cost criteria.

The following is a summary of Field Bulletin 25 and RFI's 62 and 100 scope of changed work that is being included to assist in understanding extent of modifications being made to the project per this CCP 37R2.

FIELD BULLETIN SUMMARY

- FB #25 Issue by PBS&J to AFCO on 10/16/06. A/E coordinated conflict between structural and architectural details. Stair riser and treads were redistributed. Intermediate landing was raised. Two WF16 x 89 beams were added to provide support at 2nd. Level landing and block wall. Exit door C173 repositioned.
- RFI #62 Issued by PBS&J to AFCO on 10/23/06. AFCO requested steel pan stair substitution in lieu of cast in place concrete. A/E rejected.
- RFI # 100 Issued by PBS&J to AFCO on 01/16/07 to clarify elevator shaft and stairwell wall thicknesses. (12" in lieu of 8" exterior wall)

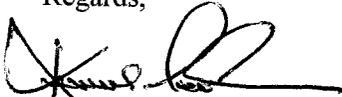
PBS& J ANALYSIS OF 16R2:

PBS&J's spreadsheet analysis has been arranged to track AFCO's spreadsheet format related to Item numbering and Description of Work where deemed applicable for cross referencing.

- Item 1: Credit for 8" block where wall is to be 12" poured concrete. FB#25
- Item 2: Additional concrete, footing work for poured 12" concrete shear wall. FB#25
- Item 3: Form work, steel embeds for stair and reinforced concrete exterior wall.
- Item 4: Added reinforcing steel for exterior 12" wall, 2 WF beams at stair landing, additional bird netting and painting.
- Item 5: Other direct costs. Re-evaluated per 2006 Means Cost Data criteria.

Note: The above CCP was reviewed with PGAL for verification of quantities and the scope of work performed. The GC has/is self performing a majority of the work involved with this CCP. Additional material and labor cost have been determined using Means 2006 Cost Data.

Regards,



Kenneth Jacobsen
Sr. Project Manager

File:9.32

Cc: Cindy Portnoy
Aldo Ferrera, AFCO

**PALM BEACH INT'L AIRPORT
CONCOURSE "C" EXPANSION (CCP 37 R2)**

1. CREDIT FOR BLOCK

Receive PBS&J February 13, 2007

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1.00	8" Block	308.00	SF	(2.90)	(893.20)	(9.67)	(1,130.36)	0.00	0.00	(2,023.56)	
TOTAL										-\$2,023.56	

2. CONCRETE

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	Concrete footing	4	CY	\$115.00	\$460.00	\$63.00	\$252.00	\$0.35	\$1.40	\$713.40	
2	Wall, tie column and tie beam concrete	15	CY	\$117.00	\$1,755.00	\$56.50	\$847.50	\$5.80	\$87.00	\$2,689.50	Size footing to be verified (24" x 12")
					\$2,215.00	\$1,099.50		\$88.40	\$3,402.90		
TOTAL										\$3,402.90	

3. FORMWORK

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	Footing Form	7	SF	\$2.62	\$18.34	\$2.86	\$20.02		\$0.00	\$38.36	
2	Tie columns, tie beams and wall forms	944	SF	\$1.98	\$1,869.12	\$6.90	\$6,513.60		\$0.00	\$8,382.72	
3	Steel Embeds	7	EA	\$275.00	\$1,925.00	\$75.00	\$525.00		\$0.00	\$2,450.00	
					\$3,812.46	\$7,058.62		\$0.00	\$10,871.08		
TOTAL										\$10,871.08	

**PALM BEACH INT'L AIRPORT
CONCOURSE "C" EXPANSION (CCP 37 R2)**

4. MISCELLANEOUS

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	Structural Excavation/Backfill	10	CY		\$0.00	\$3.57	\$35.70	\$1.88	\$18.80	\$54.50	
2	Rebar	3900	LB	\$0.44	\$1,716.00	\$0.30	\$1,170.00		\$0.00	\$2,886.00	
3	Structural Steel	20	LF	\$91.00	\$1,820.00	\$2.21	\$44.20	\$1.45	\$29.00	\$1,893.20	
4	Protective bird net to match existing	65	SF	\$9.50	\$617.50		\$0.00		\$0.00	\$617.50	
5	Paint	300	SF	\$0.07	\$21.00	\$0.31	\$93.00		\$0.00		
TOTAL					\$4,174.50		\$1,342.90		\$47.80	\$5,565.20	
										\$4,833.70	

5. OTHER DIRECT COST

ITEM No.	ITEM DESCRIPTION	MATERIAL				LABOR		EQUIPMENT		SUBTOTAL(\$)	COMMENTS
		QUANTITY (Q)	UNIT	RS MEANS MATERIAL COST(\$)	MATERIAL EXTENSION COST(\$)	RS MEANS LABOR COST(\$)	LABOR EXTENSION COST(\$)	RS MEANS EQUIPMENT COST(\$)	EQUIPMENT EXTENSION COST(\$)		
1	Estimating and Cost Analysis	8	hr		\$0.00		\$0.00		\$0.00	\$0.00	Included in Mark Up on Direct Cost
2	Project Coordination	20	hr		\$0.00		\$0.00		\$0.00	\$0.00	Included in Mark Up on Direct Cost
3	Safety	20	hr		\$0.00		\$0.00		\$0.00	\$0.00	Included in Mark Up on Direct Cost
4	Maintenance	20	hr		\$0.00		\$0.00		\$0.00	\$0.00	Included in Mark Up on Direct Cost
					\$0.00		\$0.00		\$0.00	\$0.00	Included in Mark Up on Direct Cost
TOTAL										\$0.00	

Summarization of Costs:

Material Costs		\$9,308.76
Labor Costs		\$8,370.66
Equipment Costs		\$136.20
Material & Equipment Costs Taxes	6.50%	\$613.92
Total Direct Costs		\$18,429.54
Construction Multiplier	0.83	\$15,351.81
Mark Up on Direct Costs	15.00%	\$2,302.77
Sub - Contract Costs		
Mark Up on Sub - Contracts	5.00%	\$0.00
SUB - TOTAL		\$17,654.58
OH & Profit	15.00%	\$2,648.19
SUB - TOTAL		\$20,302.77
Bonds and Insurances	2.88%	\$584.72
TOTAL COST		\$20,887.49

Note: Estimate based on 2006 RS Means Construction Cost Data



CONSTRUCTORS, INC.

1804 N.W. Madrid Way, Boca Raton, FL 33432
Tel (561) 338-2160 Fax (561) 338-6037
info@afcoconstructors.com

AFCO-06-117-417
February 12, 2007

Attention: Mr. Kenneth Jacobsen

Post, Buckley, Schuh & Jernigan, Inc.
3230 Commerce Place, Suite A
West Palm Beach, FL 33407

Reference: Palm Beach International Airport, Concourse "C" Expansion
Project #PB-05-6
CCP37R2 – Revisions to Interior Stair as Per Field Bulletin #25 and Response to
RFI #62 Received November 9, 2006 and RFI #100 Received January 16, 2007

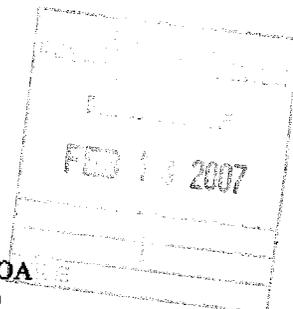
Gentlemen:

AFCO has reviewed your analysis of CCP #37R and is for the most part in agreement with the quantities, but is in disagreement with the A/E's applied unit prices for labor, material, equipment. As such AFCO has recalculated the cost and herewith submit it to be included in a formal change order.

AFCO disagrees with the A/E's formwork labor unit price of \$3.87 on the basis that it does not represent costs of form bulkheads which are not part of the contact square footage shown. AFCO's unit price of \$5.37 represents the cost of bulkheads, the confined nature of the work and the sequence in which the work has to be done, please see attached sequence under separate cover. As for excavation and backfill, please understand that both of these activities are not machine activities but rather mostly hand activities.

As such AFCO has applied correct unit prices and is herewith submitting the Construction Change Proposal for the interior stairs to be representative of the true nature of the changed work. The total cost for all equipment, labor, materials, etc. necessary to perform this changed work is now \$38,806.00 (thirty eight thousand eight hundred six and xx/100 dollars). Additionally, this work affects the critical path of the project and as a result eight (8) work days must be added to the contract time.

A formal change order must be issued for the corresponding amount and time as soon as practical if you wish AFCO to proceed with this change. With out a formal change order AFCO will not perform the work found herein.



Very truly yours,
AFCO Constructors, Inc.
Sebastian Ferrera
Project Engineer

Attachments

- CC: D. Frank, PBC-DOA
- A. Ferrera, AFCO

~~All quantities reserved for the contractor's use. All quantities are subject to change without notice. This change order shall not be considered as a contract. AFCO shall not be held liable for any loss of money or other damages of the work caused by any error or omission in this change order.~~

FIELD BULLETIN No. 25

CONCOURSE-C EXPANSION AT
PALM BEACH INTERNATIONAL AIRPORT

PROJECT: Concourse C Expansion PB-05-06

DATE: 10/16/06

TO: Aldo Ferrera, AFco Constructors, Inc.

FB Description: Revisions to Interior Stair

Applicable Drawing(s): SK-A23, SK-A24, SK-S-1.01-1, SK-S-2.01-3

Applicable Specification(s): _____

Applicable Shop Drawing(s): _____

THIS BULLETIN IS NOT A CHANGE IN THE ABOVE CONTRACT NOR AN AUTHORIZATION TO THE CONTRACTOR TO PERFORM WORK, OTHER THAN CONTRACT WORK, OR TO STOP OR SUSPEND WORK UNLESS SPECIFICALLY AUTHORIZED BY THIS BULLETIN. However, it covers certain PROPOSED MODIFICATIONS to the work covered by said contract.

CAUSE:

Revisions to interior stair to coordinate structural and architectural details.

DETAILED DESCRIPTION:

The stair configuration has been modified and riser count redistributed with more risers on the lower portion of the stair, therefore, the intermediate landing elevation has changed. In addition, door C173 and adjacent exterior wall has been shifted.

Two (2) W16 x 89 beams have been added, one to support the stair at the second level and the other to provide additional support for the block wall on the second level.

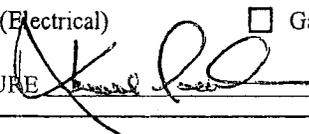
RECEIVED

OCT 18 2006

Afco Constructors, Inc.

A/E FIRM: PGAL (Architectural) PBS&J (Civil) RCT (Structural)
 Gartek (Mechanical) Gartek (Electrical) Gartek (Plumbing)

ORIGINATOR: Ken Jacobsen

SIGNATURE 

DATE: 10/17/06

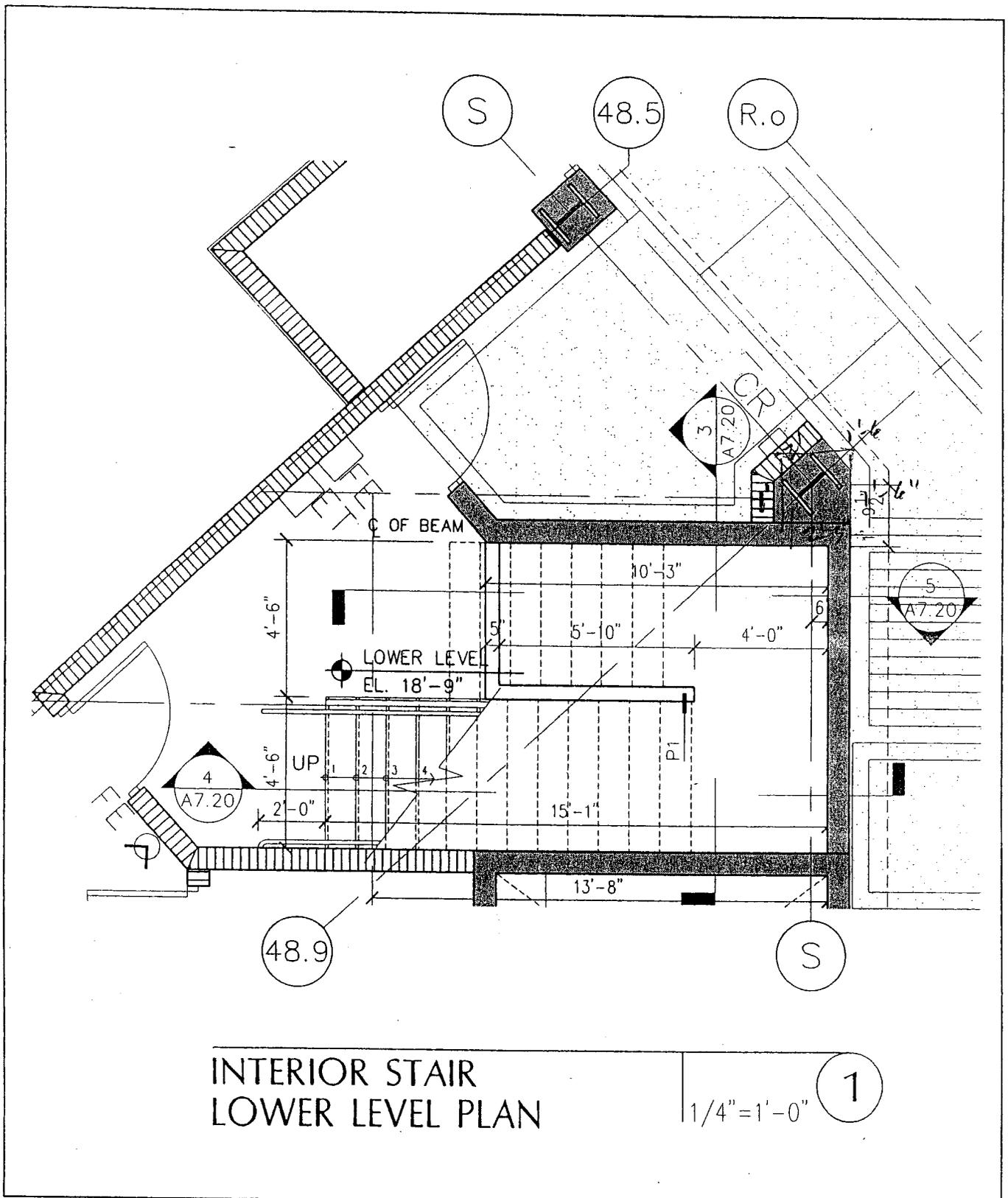
REMARKS: _____

RESPONSE BY: _____

SIGNATURE: _____

DATE: _____

flox
10/18/06



INTERIOR STAIR
LOWER LEVEL PLAN

1/4" = 1'-0"

1

SCALE: 1/4" = 1'-0" DRAWING REF. A-7.20

RFI# N/A SK-A23



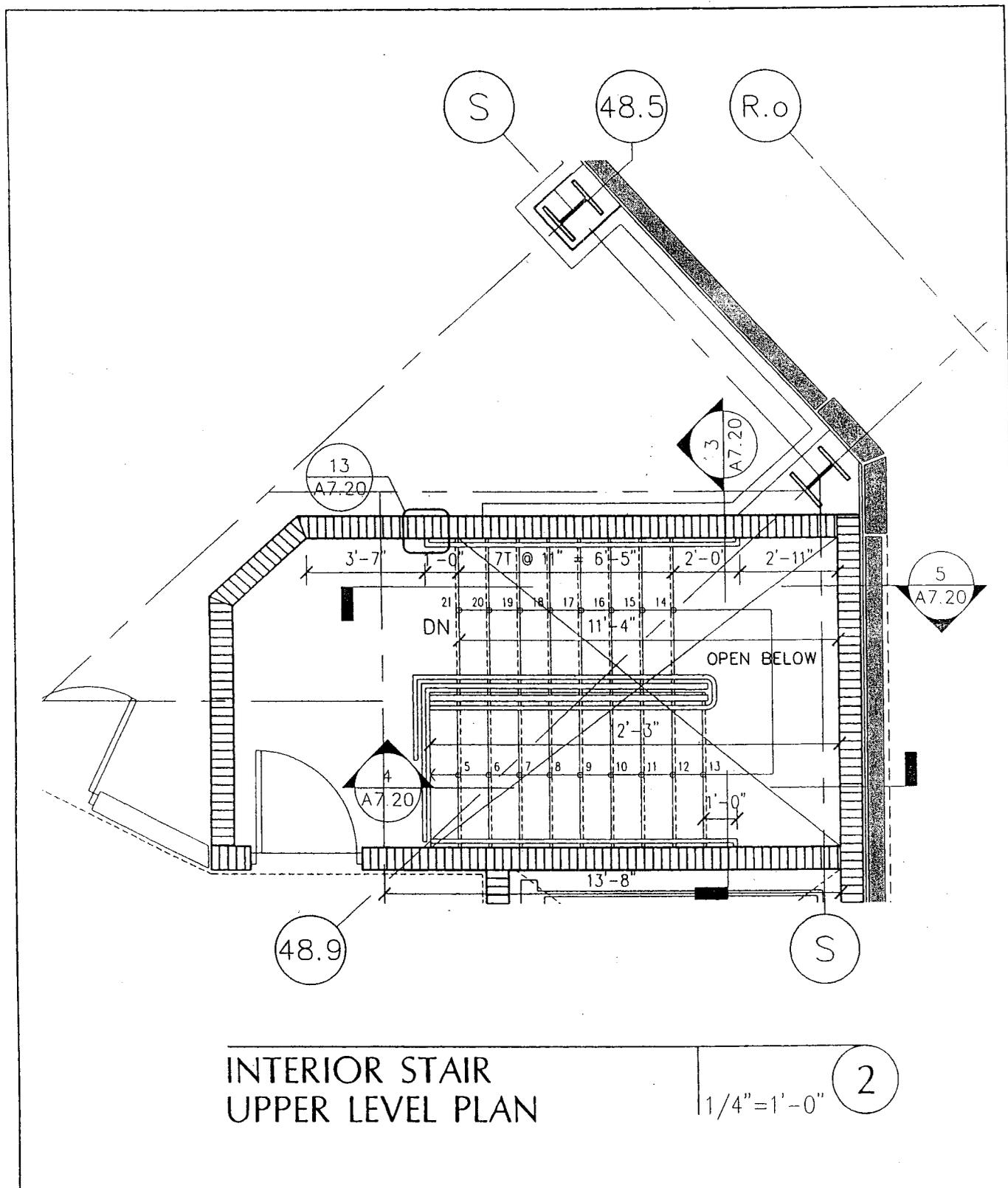
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 689-7275

CONCOURSE "C" EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

OCTOBER 16, 2006
PGAL CONTROL # A-7.20 A



791 Park of Commerce Blvd
Suite 400
Boca Raton, FL 33487
TEL: (561) 988-4002



SCALE: 1/4" = 1'-0" DRAWING REF. A-7.20

RFI# N/A SK-A24R01



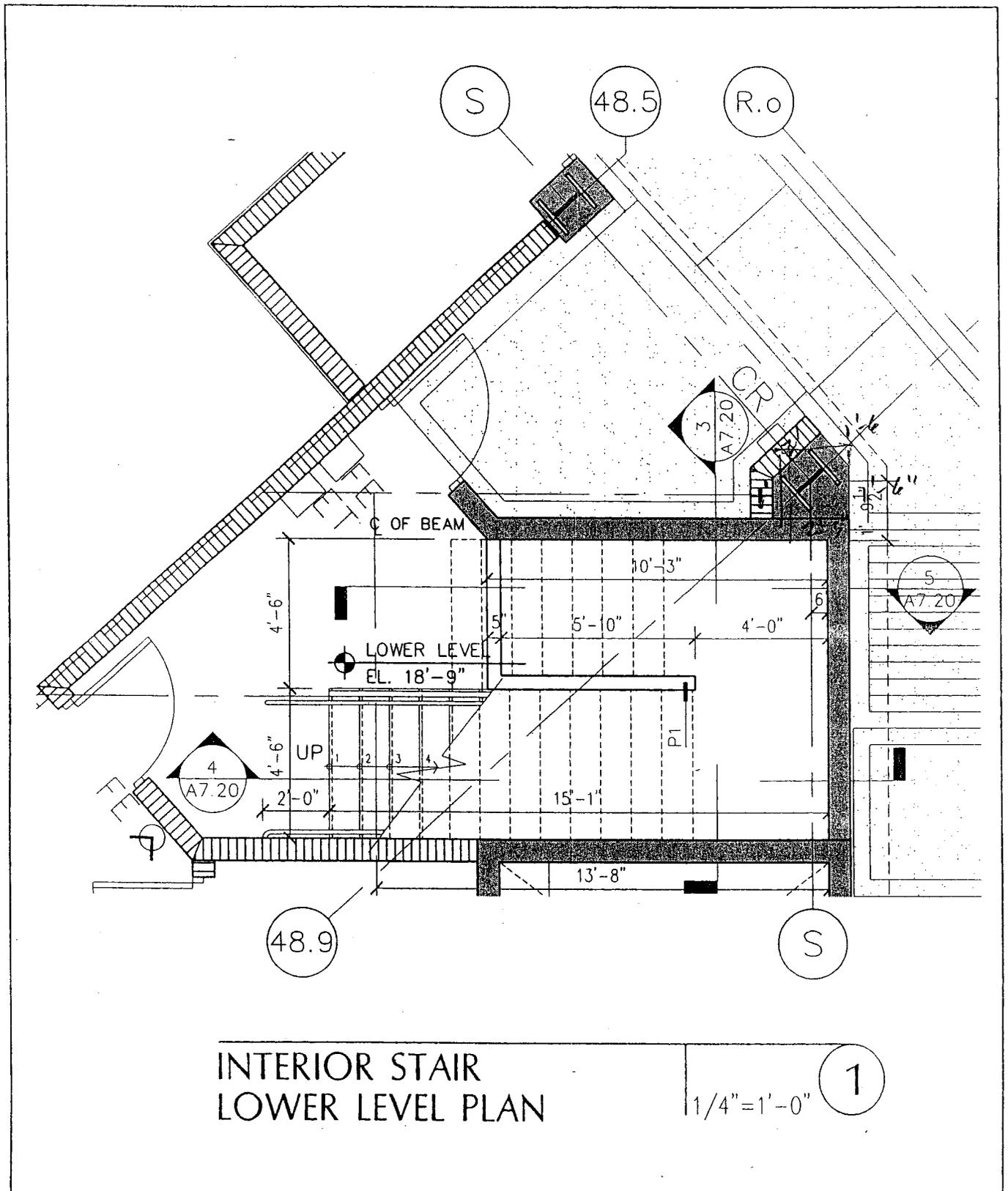
NATIONAL AVIATION
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 689-7275

CONCOURSE "C" EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

OCTOBER 16, 2006
PGAL CONTROL # A-7.20 A



ARCHITECTS
791 Park of Commerce Blvd.
Suite 400
Boca Raton, FL 33487
TEL: (561) 988-4002



SCALE: 1/4"=1'-0"

DRAWING REF. A-7.20

RFI# N/A

SK-A23



NATIONAL AVIATION

3230 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 689-7275

CONCOURSE "C" EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

OCTOBER 16, 2006
PGAL CONTROL # A-7.20 A



ARCHITECTS

791 Park of Commerce Blvd.
Suite 400
Boca Raton, FL 33487
TEL: (561) 988-4002

AFCO Constructors Inc.

804 NW Madrid Way

REQUEST FOR INFORMATION

No. 00062

Daton, FL 33432

Phone: 561-338-2160

Fax: 561-338-5037

TITLE: Struct. Details for New Conc. Walls

DATE: 10/23/06

PROJECT: Conc-C Expansion

JOB:

TO: Attn: Ken A. Jacobsen A.I.A.

PBS&J

3230 Commerce Place

Suite A

West Palm Beach, FL 33407

Phone: 561-688-8803 Fax: 561-828-8031

STARTED:

COMPLETED:

REQUIRED: 11/6/06

THE RESPONSE TO THIS REQUEST FOR INFORMATION IS AN INTERPRETATION OF THE CONTRACT DOCUMENTS AND IS NOT AN AUTHORIZATION OR APPROVAL FOR ADDITIONAL TIME OR MONEY.

QUESTION:

- AFCO acknowledges receipt of Field Bulletin #25 on October 18, 2006 and before it can provide a price it must be provided additional information as indicated in the faxed sketch SK-A23
- Also, AFCO requests that the A/E consider using steel pan stairs and landings in lieu of cast-in-place. This would be a no cost change.

ANSWER:

- There are three questions asked on the attached faxed sketch SK-A23. The answers are as follows:
 - tucco ceiling will not be required. The ceiling shall be exposed to underside of deck. Provide heavy duty protective bird net as indicated on 2/A-4.31.
 - Requested structural details are provided on detail 11 / S-3.01. ✓
 - Requested structural details are provided on Interior Stair Sections #4 & #5 on sheet S-3.01.
- Steel pan stairs will not be considered in lieu of poured in place stairs as designed.


11/9/06


11/8/06

Requested By: AFCO Constructors Inc.

Date: 10/23/06

Signed: _____

Sean Paul Ferrera

AFCO Constructors Inc.

804 NW Madrid Way

West Palm Beach, FL 33432

Phone: 561-338-2160

Fax: 561-338-5037

REQUEST FOR INFORMATION

No. 00100

PROJECT: RFI-100 - A-2.22 Dimensions

DATE: 1/2/07

PROJECT: Conc-C Expansion

JOB:

TO: Attn: Ken A. Jacobsen A.I.A.

PBS&J

3230 Commerce Place

Suite A

West Palm Beach, FL 33407

Phone: 561-688-8803 Fax: 561-828-8031

STARTED:

COMPLETED:

REQUIRED: 1/9/07

THE RESPONSE TO THIS REQUEST FOR INFORMATION IS AN INTERPRETATION OF THE CONTRACT DOCUMENTS AND IS NOT AN AUTHORIZATION OR APPROVAL FOR ADDITIONAL TIME OR MONEY.

QUESTION:

Reference Drawing A-2.22

Please provide dimensions for the elevator shaft, elevator vestibule, stairs and room CC-245.

ANSWER:

See attached sketches SK-04 R01 and SK-42

Ken A. Jacobsen
1/16/07

Ken A. Jacobsen
1/16/07

BY FAX
RECEIVED
JAN 16 2007
AFCO Constructors, Inc.

JAN 16
AFCO Constructors, Inc.

Requested By: AFCO Constructors Inc.

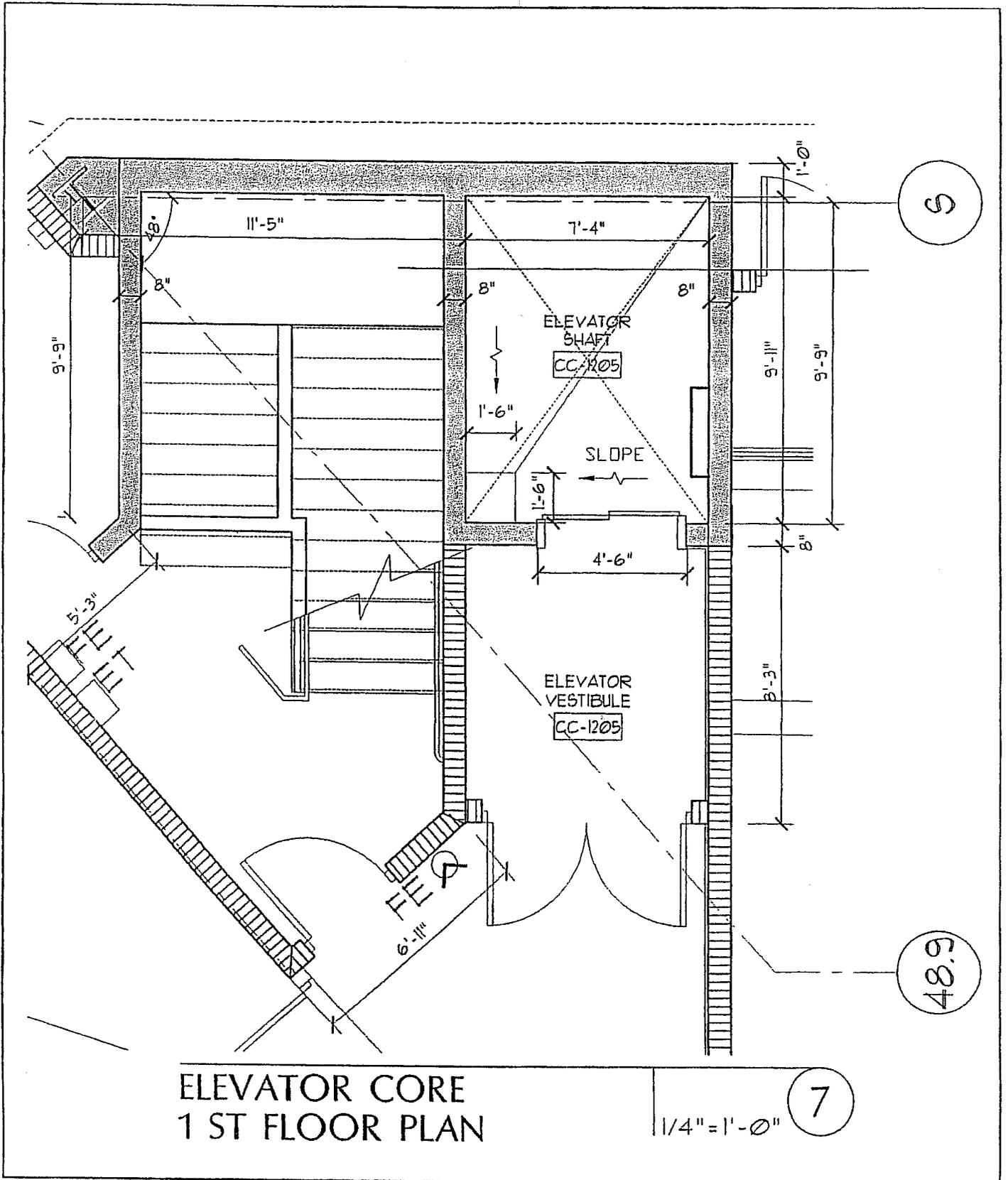
Date: 1/2/07

Signed: _____

Sean-Paul Ferrera

in:\CURRENT DRAWINGS\15_01011_A-7.31.dwg, 1/15/2007 6:55:25 PM, agonzalez, AI

PA01011_



SCALE: 1/4" = 1'-0"

DRAWING REF. A-7.31

RFI #019

SK-04 R01



NATIONAL AVIATION

3220 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 809-7275

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

January 15, 2007
CONTROL # A-7.31 A

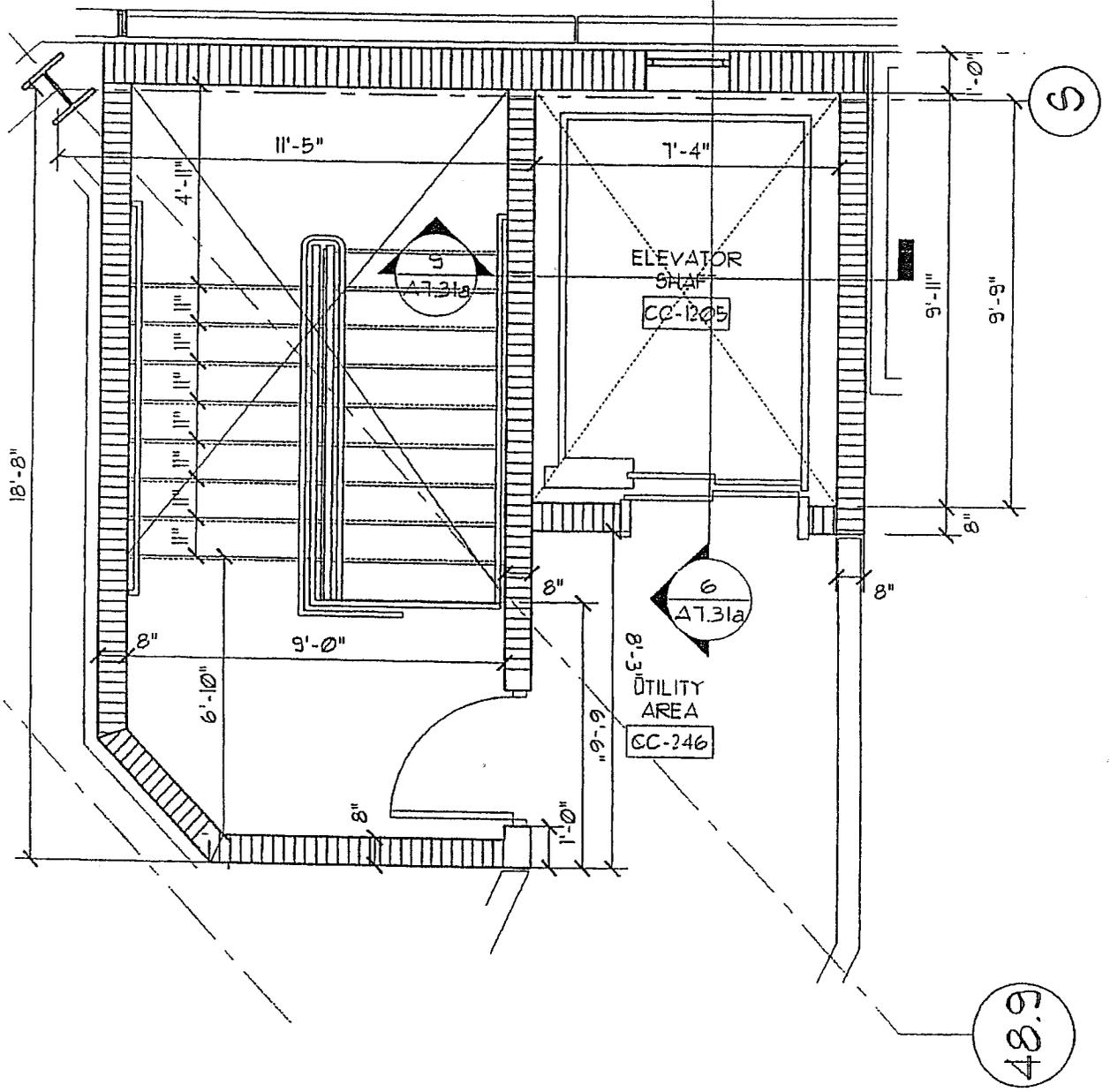


ARCHITECTS

701 Park of Commerce Blvd. Suite 400
Boca Raton, FL 33487
TEL: (561) 988-4002

P:\01011_01\CURRENT DRAWINGS\15_01011_A-7.31.dwg, 1/15/2007 5:51:20 PM, agonzalez, A

P:\01011



ELEVATOR CORE
2ND FLOOR PLAN

1/4" = 1'-0"

8

SCALE: 1/4" = 1'-0"

DRAWING REF. A-7.31

SK-42



NATIONAL AVIATION
3220 Commerce Place
Suite A
West Palm Beach, FL 33407
TEL: (561) 689-7275

CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA

JAN 15, 2007
CONTROL # A-7.31 A



ARCHITECTS
701 Park of Commerce Blvd. Suite
400
Boca Raton, FL 33467
TEL: (561) 688-4002



March 5, 2007

Jerry Allen
Deputy Director of Planning and Community Affairs
Department of Airports
PBIA Bldg 846
West Palm Beach , FL. 33406

Re: CCP Proposal No.44
Referencing: FB#28
Encasement of concrete columns

Dear Mr. Allen;

The A/E has made the following attached analysis of AFCO Constructors CCP No. 44 that was issued to PBS&J on January 23, 2007 and responded to formally on February 8, 2007.

Based upon PGAL's interpretation and intent of the contract documents, PBS&J is recommending approval in the amount of \$1.033 by the Department of Airports for the scope of work deemed as being not included in the Bid Set drawings scope of work.

Regards,

A handwritten signature in black ink, appearing to read 'Kenneth Jacobsen', is written over a horizontal line. The signature is fluid and cursive.

Kenneth Jacobsen
Sr. Project Manager

File:9.32

Cc: Cindy Portnoy
Aldo Ferrera, AFCO



February 8, 2007

AFCO Constructors
Mr. Aldo Ferrera
President
1804 N.W. Madrid Way
Boca Raton, FL. 33432

**Re: CCP Proposal No. 44
FB#28 Concrete encasement of columns**

Dear Aldo;

The above AFCO Constructors Proposal No. 44 has been reviewed by PBS&J with a recommendation to reject this proposal cost of \$28,841 and recommend \$1,033 for the scope of work requested in this proposal by the A/E for the following reasons and direct the GC to proceed as follows per the A/E's "interpretation" of the documents and the following instructions..

Addendum No. 4, AFCO RFI question # 16 dated 11/08/05 clarified that all interior columns are to be boxed out with metal stud, drywall finish and corner guards. Therefore, delete FB #28 direction related to concrete encasement of columns at 48.5/U, 48.2/U, and 48.5T.

The remaining exterior columns referenced in FB# 18 as 50.6/S , 48.5/S, 48.2/S as well as unnoted column 49.8/S are to be concrete encased as 'interpreted' by the A/E on dwg A-2.12.

FB#28 was issued to add wire mesh around these 4 non-load bearing exterior steel columns per sketch SK-A37 due to not being shown in bid set detail detail 6/A-5.01.

The second attached drawing SK-A-37 included in FB#28 is being priced by AFCO as a part of CCP#37R Interior stair revisions.

The request for an additional 5 working days is being recommended for rejection.

Regards, **PBS&J**

Kenneth Jacobsen
Sr. Project Manager

File:9.32, attachment
CC: Cindy Portnoy, DOA
Roberto Beltran, PGAL

A/E ANALYSIS OF AFCO CCP # 44

Dated 12/12/06

NOTE: Reference AFCO CCP # 44 received by PBS&J on 01/23/07 and attached summary explanation of individual line items

Construction Change Proposal No. 44 encase concrete columns at ground level exterior wall

		Materials			Labor		Equipment		Sub Costs		Comment
Item	Qty	Units	Unit Price	Material Price	labor unit price	labor extension	Equip Unit Price	Equipment Extension	sub unit price	sub extension	
1. Concrete column encasement Location: ground level exterior east wall @ new addition											
	a	16	cy	\$ 125.00	\$0.00	\$57.00		\$135.00			4 columns in lieu of 8
	b	845	sf	\$ 4.95	\$0.00	\$6.10		\$2.00			
	c	400	sf	\$ 0.42	\$168.00	\$1.00	\$400.00	\$0.20	\$80.00		
					\$168.00		\$400.00		\$80.00		
											A/E Recommended Price
											AFCO proposed Price
											\$ 648.00
											\$ 17,394.00

		Materials			Labor		Equipment		Sub Costs		Comment
Item	Qty	Units	Unit Price	Material Price	labor unit price	labor extension	Equip Unit Price	Equipment Extension	sub unit price	sub extension	
3. Other Direct Costs											
	a	4	hr			\$45.00	\$0.00				Estimating and cost analysis Project Coordination Safety cleanup
	b	8	hr			\$45.00	\$0.00				
	c	40	hr			\$25.00	\$0.00				
	d	16	hr			\$25.00	\$0.00				
					0.00	\$0.00		\$0.00			A/E Recommended Price
											AFCO Price
											\$ 0.00
											\$ 1,940.00

Material Costs	\$168.00
Labor Costs	\$400.00
52.35% Labor Burden	\$ 209.40
Equipment Cost	\$80.00
6.50% Mat & Equip Taxes	\$16.12
Total Direct Costs	\$873.52
15.00% Markup direct costs	\$131.03
Sub contractor costs	\$0.00
5.00% Mark up sub contract	\$0.00
sub total	\$1,004.55
2.88% Bonds and Ins.	\$28.93
Total	\$1,033.48



1804 N.W. Madrid Way, Boca Raton, FL 33432
 Tel (561) 338-2160 Fax (561) 338-5037
 info@afcoconstructors.com

AFCO-06-117-387
 January 23, 2007

Attention: Mr. Kenneth Jacobsen

Post, Buckley, Schuh & Jernigan, Inc.
 3230 Commerce Place, Suite A
 West Palm Beach, FL 33407

Reference: Palm Beach International Airport, Concourse "C" Expansion
 Project #PB-05-6
 * CCP44 - Concrete Encasement for Columns

Gentlemen:

Field Bulletin #28 dated received December 14, 2006 added wire mesh and concrete encasement to the columns. The total cost for all labor, materials, equipment, etc. required for this change is \$28,841.00 (twenty eight thousand eight hundred forty one and xx/100 dollars). Additionally, it will increase the contract time by five (5) work days.

Please issue a formal change order for the corresponding amount and time as soon as possible if you would like AFCO to proceed with the work listed above. AFCO will not proceed with this work unless a formal change order is issued.

Very truly yours,
 AFCO Constructors, Inc.

Sean Paul Ferrera
 Project Engineer

Attachments

CC: D. Frank, PBC-DOA
 A. Ferrera, AFCO

Revised A 2/12

Handwritten notes:
 Sean Ferrera (Project Engineer) is responsible for this change order. It should be an addendum.

Handwritten notes:
 Robert's Scope of work from original columns which is to be added.

~~_____~~



Construction Change Proposal No. 44

Reference: FB #28 Received 12/14/2006

Addition of Concrete Encasement for Columns

Date: 1/23/07

Project Name: Palm Beach International Airport Concourse "C" Expansion
 Project Number: PB-05-06

ITEM #	DESCRIPTION OF WORK	QTY	UNITS	MATERIAL UNIT PRICE	MATERIAL EXTENSION	LABOR UNIT PRICE	LABOR EXTENSION	EQUIPMENT UNIT PRICE	EQUIPMENT EXTENSION	SUB UNIT PRICE	SUB EXTENSION
1	Concrete (4000 psi PRPM)	16	cy	\$125.00	\$2,000.00	\$57.00	\$912.00	\$135.00	\$2,160.00		\$-
					\$-		\$-		\$-		\$-
2	Formwork	845	sf	\$4.95	\$4,182.75	\$6.10	\$5,154.50	\$2.00	\$1,690.00		\$-
					\$-		\$-		\$-		\$-
3	Welded Wire Fabric (6x6 W1.4xW1.4)	800	sf	\$0.42	\$336.00	\$1.00	\$800.00	\$0.20	\$160.00		\$-
					\$-		\$-		\$-		\$-
4	Other Direct Costs				\$-		\$-		\$-		\$-
	Estimating and Cost Analysis	4	hr		\$-	\$45.00	\$180.00		\$-		\$-
	Project Coordination	8	hr		\$-	\$45.00	\$360.00		\$-		\$-
	Safety	40	hr		\$-	\$25.00	\$1,000.00		\$-		\$-
	Cleanup	16	hr		\$-	\$25.00	\$400.00		\$-		\$-
					\$-		\$-		\$-		\$-
	SUB TOTALS				\$6,518.75		\$8,806.50		\$4,010.00		\$-

Summarization of Costs

Material Costs	\$6,518.75
Labor Costs	\$8,806.50
Labor Burden Costs	52.35% \$4,610.20
Equipment Costs	\$4,010.00
Material & Equipment Costs Taxes	6.50% \$684.37
Total Direct Costs	\$24,629.82
Mark Up on Direct Costs	15.00% \$3,694.47
Sub-Contract Costs	\$-
Mark Up on Sub-Contracts	5.00% \$-
SUB-TOTAL	\$28,324.29
Bonds and Insurances	\$1,132.97
SUB-TOTAL	\$29,457.26
Credit Sprayed Fire Resistive Material	\$616.00
TOTAL COST THIS CONSTRUCTION CHANGE PROPOSAL	\$28,841.26

NOTES

1. Any changes not itemized or contained within this change proposal are excluded and will be priced separately.

~~_____ resulting time schedule impact _____
 _____ work days to the project _____~~

FIELD BULLETIN No. 28

CONCOURSE-C EXPANSION AT PALM BEACH INTERNATIONAL AIRPORT

PROJECT: Concourse C Expansion PB-05-06

DATE: 12/14/06

TO: Aldo Ferrera, AFCO Constructors, Inc.

FB Description: Concrete Column Reinforcing

Applicable Drawing(s): SK-A36 & SK-A37

Applicable Specification(s): _____

Applicable Shop Drawing(s): _____

THIS BULLETIN IS NOT A CHANGE IN THE ABOVE CONTRACT NOR AN AUTHORIZATION TO THE CONTRACTOR TO PERFORM WORK, OTHER THAN CONTRACT WORK, OR TO STOP OR SUSPEND WORK UNLESS SPECIFICALLY AUTHORIZED BY THIS BULLETIN. However, it covers certain PROPOSED MODIFICATIONS to the work covered by said contract.

CAUSE:

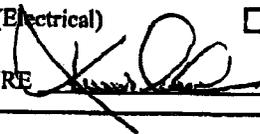
Addition detail was required for the reinforcing at the non round concrete encased columns

DETAILED DESCRIPTION:

See the attached sketches SK-A36 and SK-A37 for the required reinforcing at the listed column locations.

A/E FIRM: PGAL (Architectural) PBS&J (Civil) RCT (Structural)
 Gartek (Mechanical) Gartek (Electrical) Gartek (Plumbing)

ORIGINATOR: Ken Jacobsen

SIGNATURE 

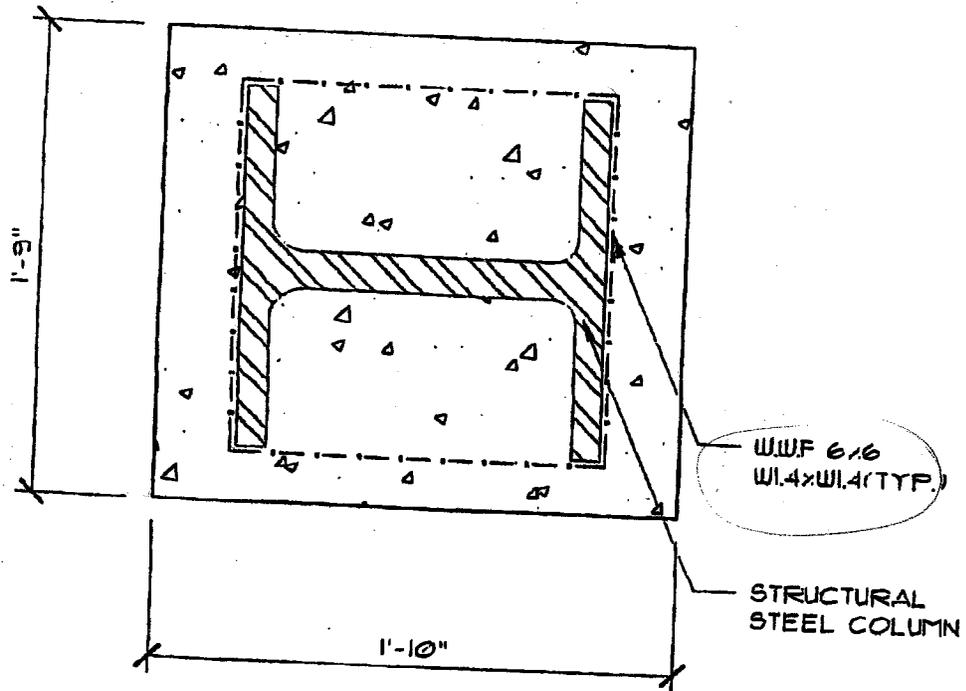
DATE: 12/14/06

REMARKS: _____

RESPONSE BY: _____

SIGNATURE: _____

DATE: _____



TYPICAL COLUMNS @
 COLUMN GRIDS 50.6 AND S cone
 49.7 AND U.V drywall 4 columns
 48.5 AND U drywall
 48.2 AND U drywall
 48.5 AND T drywall
 48.5 AND S cone
 48.2 AND S cone
 49.26 AND cone

PGAL ARCHITECTS 721 PERK OF COMMERCE BLVD, SUITE 400, PALM BEACH, FL 33407

PGAL

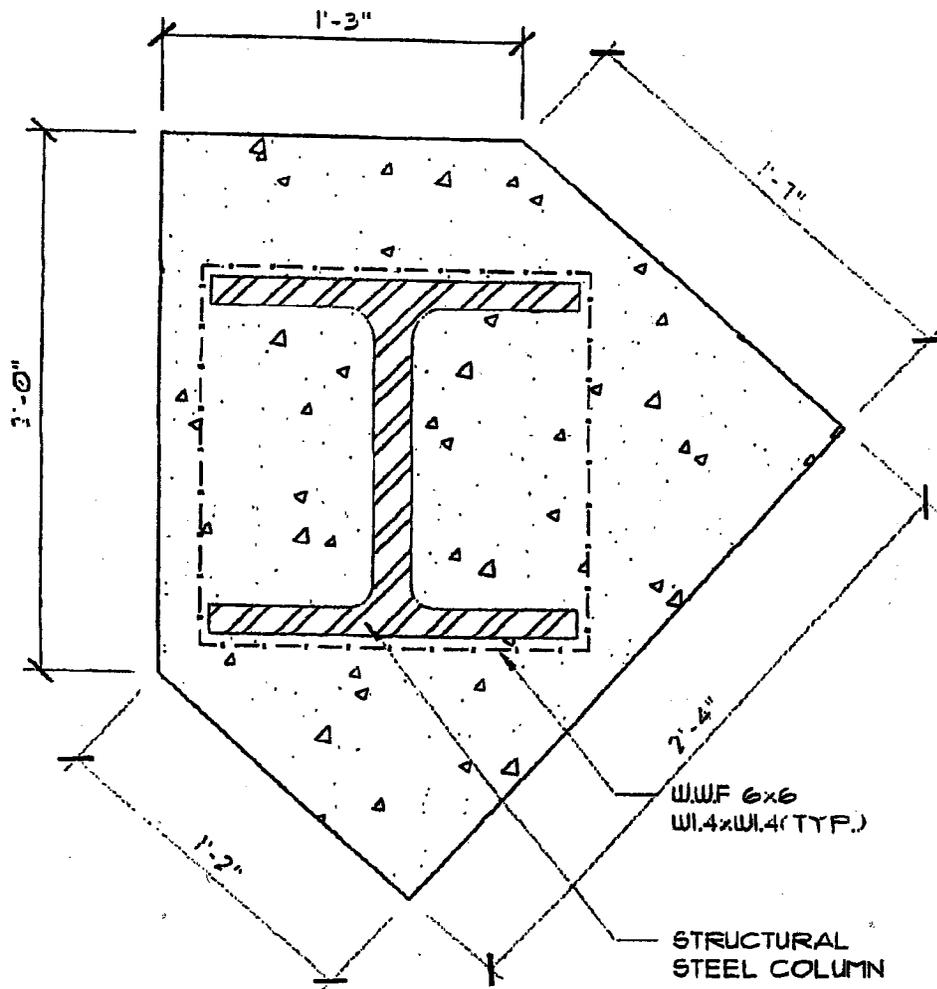
ARCHITECTS
 721 Perk of Commerce Blvd, Suite
 400
 Palm Beach, FL 33407

CONCOURSE 'C' EXPANSION
 PALM BEACH INTERNATIONAL AIRPORT
 PALM BEACH COUNTY FLORIDA

DEC 07, 2006
 CONTROL 6 A-601

RPM N/A **SK-A36**
 SCALE: 1/2"=1'-0"

DRAWING REF. A-501



TYPICAL COLUMN @
COLUMN GRIDS 48.9 AND 5

include in offer
CEP 3TR

P. I_PBLA-Terminal\CURRENT DRAWINGS\15_01011_A-5.01.dwg, 12/8/2006 11:31:13 AM, agorize VA, ANVA

REF: N/A **SK-A37**
SCALE: 1/2"=1'-0"

PGAL

ARCHITECTS
701 Park of Commerce Blvd, Suite 400
Boca Raton, FL 33437
TEL: (561) 992-4002

**CONCOURSE 'C' EXPANSION
PALM BEACH INTERNATIONAL AIRPORT
PALM BEACH COUNTY FLORIDA**

DEC 07, 2006
CONTROL # A-501

DRAWING REF. A-501

PALM BEACH INTERNATIONAL AIRPORT
 CONCOURSE C GATE EXPANSION
 FAA AIP No.:
 FDOT WPI:
 PB NO 05-1
 CONTRACT HISTORY THRU CO NO 7

ORIGINAL		CURRENT	
NTP	4/24/2006	598	Thru CO #7
CONTRACT TIME =	546	12/13/2007	
CONTRACT COMPLETION DAT	10/22/2007		
CONTRACT AMOUNT =	\$17,433,942.00	\$17,805,663.00	
LIQUIDATED DAMAGES PER D	\$2,000.00		

CHANGE ORDER No.	DATE	DESCRIPTION	CHANGE ORDER TIME	VALUE OF TIME EXTENSION	CHANGE ORDER AMOUNT	TOTAL VALUE OF CHANGE ORDER ADJUSTED FOR TIME	LEAD DEPT APPROVAL	CRC APPROVAL	CUMULATIVE APPROVAL	BCC APPROVAL	PERCENT CHANGE	NEW CONTRACT AMOUNT	STATUS
1	6/19/2006	NTP Time Extension	7	\$14,000	\$0.00	\$14,000.00	\$0.00		\$0.00		0.00%	\$17,433,942.00	Approved
2	8/29/2006	Relocate Loading Bridges off site			\$10,484.00	\$10,484.00	\$10,484.00		\$10,484.00		0.06%	\$17,444,426.00	Approved
3	2/27/2007	CCPs 3,4,6R,7,8R	2	\$4,000	\$98,494.00	\$102,494.00			\$10,484.00	\$98,494.00	0.56%	\$17,542,920.00	Approved on 2/27/07 R-2007-0268
4	2/27/2007	CCP's 9R,12,14,22,25,31,32,36	43	\$86,000	\$84,300.00	\$170,300.00			\$10,484.00	\$84,300.00	0.48%	\$17,627,220.00	Approved on 2/27/07 R-2007-0269
5	CRC Meeting 2/21/07	CCP 19R, 28. Rerouting of underground at Gates C8 and C10. Additional Steel fireproofing	0		\$68,518.00	\$68,518.00		\$68,518.00	\$79,002.00		0.39%	\$17,695,738.00	Approved
6	CRC Meeting 2/21/07	CCP 18R2. Rerouting of underground at Gate C12.	0		\$77,547.00	\$77,547.00		\$77,547.00	\$156,549.00		0.44%	\$17,773,285.00	Approved
7	5/12/2007	CCP 10,20,34,35R,38,40,41	0		\$32,378.00	\$32,378.00			\$188,927.00		0.19%	\$17,805,663.00	Unilateral Change Order
Total			52		\$371,721.00		\$42,862.00		\$182,794.00		2.13%	\$17,805,663.00	

 To be approved by the Dept
 To be approved by the CRC
 To be approved by the Board

- Notes
- Change Order 3 requires Board Approval since the total value of the Change Order adjusted for time exceeds \$100,000
 - Change Order 4 requires Board Approval since the total value of the Change Order exceeds \$100,000
 - Change Order 8 requires Board Approval since the cumulative amount would be exceeded with the approval of the change order

Approval Authority

CO Value	Authority
\$0-50,000	Lead Dept
\$50,001-100,000	CRC
>\$100,001	BCC
Cummulative Value	Authority
\$0-100,000	Lead Dept
\$100,101 - 200,000	CRC