

CITY OF SACRAMENTO

Permit No: 0501281

1231 I Street, Sacramento, CA 95814

Insp Area: 3  
Thos Bros: 318F5

Site Address: 5740 OUTFALL CR SAC  
Parcel No: 062-0120-013 BLD C

Sub-Type: NCOM  
Housing (Y/N): N

**CONTRACTOR**  
BUZZ OATES CONSTRUCTION LP  
8615 ELDER CREEK RD  
SACRAMENTO, CA 95828

**OWNER**  
O K/B  
8920 43RD AV  
SACRAMENTO CA 95828

**ARCHITECT**

Nature of Work: NEW 10,000 SF WAREHOUSE BUILDING AND SITE IMPROVEMENTS

**CONSTRUCTION LENDING AGENCY :** I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name \_\_\_\_\_ Lender's Address \_\_\_\_\_

**LICENSED CONTRACTORS DECLARATION:** I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect

License Class \_\_\_\_\_ License Number 826900 Date 7-15-05 Contractor Signature *BOO [Signature]*

**OWNER-BUILDER DECLARATION:** I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. \_\_\_\_\_ B & PC for this reason: \_\_\_\_\_

Date \_\_\_\_\_ Owner Signature \_\_\_\_\_

PAID  
CITY OF SACRAMENTO  
NORTH PERMIT

**IN ISSUING THIS BUILDING PERMIT,** the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 7-15-05 Applicant/Agent Signature *BOO [Signature]*

**WORKER'S COMPENSATION DECLARATION:** I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier STATE FUND Policy Number 1625130 Exp Date 01/01/2006

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 7-15-05 Applicant Signature *BOO [Signature]*

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

COUNTY SANITATION DISTRICT 1  
SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT

DR  
07-08-05

SEWER IMPACT FEE

PERMIT AND CALCULATION

APPLICATION NO. CITY OF SACRAMENTO BLDG PERMIT NO. SWD2005-00535

GENERAL INFORMATION  
CITY OF SACRAMENTO

THIS PERMIT GOOD ONLY WHEN  
VALIDATED BY THE CASHIER  
**PAID**  
JUL 14 2005  
Per \_\_\_\_\_  
THIS PERMIT TO CONNECT EXPIRES  
ONE YEAR FROM DATE OF ISSUANCE

FEE CALCULATION	
INSPECTION	
CSD-18.28 ESDs	\$ 12,240
SRCSD 1.0 ESDs	# 6500
CONSTRUCTION	# 5940
IN-LIEU	
<b>TOTAL FEE</b>	<b># 24,860</b>

BUILDING USE	
RESIDENTIAL	SF <input type="checkbox"/> MF <input type="checkbox"/>
COMMERCIAL USE	
10,000 sq Warehouse	
33' SIC to main	

APN: 062 - 0120 - ~~WAW~~ - 013

DESCRIPTION/SUBDIVISION FLORIN DEPOT IND'L PARK LOT 50

PROPERTY ADDRESS ~~5700~~ OUTFALL CIRCLE 5740

OWNER BUZZ GATES

MAILING ADDRESS

CITY-STATE-ZIP PHONE

ADDITIONAL FEES MAY BE DUE IF CHANGES IN USE INCREASE SEWER IMPACT.

APPLICANT SIGNATURE *Bob Joff*

CONSOLIDATED UTILITY BILLING USE ONLY

ACCT \_\_\_\_\_ INPUT \_\_\_\_\_ START \_\_\_\_\_

RECEIPT



April 19, 2006

Buzz Oates Enterprises  
Attention: Bill Schmalzel  
8615 Elder Creek Road  
Sacramento, California 95828

**SUMMARY REPORT**  
**CONSTRUCTION OBSERVATION AND TESTING SERVICES**  
**OUTFALL CIRCLE BUILDINGS**  
5700, 5720, 5740 and 5760 Outfall Circle  
Sacramento, California  
Reference No. 146-380.01  
Permit Nos. 0501271, 0501406, 0501281, 0501608

### INTRODUCTION

In accordance with your request, we have performed construction observation and testing services for the subject project. The project included construction of four nearly identical concrete tilt-up buildings with concrete slab-on-grade floors. Our construction testing and observations were performed between August 5, 2005 and March 31, 2006. Our firm prepared a Foundation Investigation for the project dated July 12, 2002.<sup>1</sup> This letter summarizes the results of our construction observation and testing.

### EARTHWORK OBSERVATION AND TESTING

#### *Building Pad and Pavement Subgrade Construction*

Building pad and pavement subgrade construction was completed prior to our inspections. Our representative performed compaction tests within pit excavations as well as on finish grade for each of the building pads. We understand that the building pad and pavement subgrade soils were chemically treated.

#### *Foundation Excavation Observation*

Our representative observed all building foundation excavations prior to foundation concrete placement. All foundation excavations engaged suitable bearing materials in accord with the recommendations of our referenced report. Foundations appeared to meet or exceed minimum specified dimensions and were clean at the time of our observation.

<sup>1</sup> Raney Geotechnical Inc.; "Foundation Investigation, Outfall Circle 6, Outfall Circle and Unsworth Avenue, Sacramento, California", Job No. 146-380, July 12, 2002.

***Field Density Testing***

Our representative performed field density tests on building pad and pavement subgrade soils in accordance with ASTM Test Designations D2922 and D3017 (Nuclear Probe Method). Our test data indicate that the building pad and pavement subgrade soils were compacted to a minimum of 92 percent of the laboratory determined maximum dry density.

***Laboratory Compaction Testing***

We performed laboratory compaction tests on representative samples of the site soils used during construction. The compaction tests were performed in accordance with ASTM Test Designation D1557. The results of the laboratory compaction tests are summarized below.

<b>Material Description</b>	<b>Method</b>	<b>Maximum Dry Density (pcf)</b>	<b>Optimum Moisture Content (%)</b>
Native brown clayey silty sand	A	125	9.4
Tan silty clay – chemically treated	A	120	12.5

**CONCRETE CONSTRUCTION**

***Reinforcing Steel Placement Observations***

Our scope of work included observation of foundation, floor slab, and wall panel reinforcing steel for the subject buildings. Detailed observations generally were performed one day prior to concrete placement with any corrections being verified by our representative prior to structural concrete placement. All reinforcing steel appeared to be placed in compliance with industry standards and the project plans, for size and placement location.

***Concrete Placement Observation***

Our representative observed concrete placement procedures during concrete construction of building foundations, slabs-on-grade and wall panels. Concrete truck batch and placement times were recorded to ensure that the concrete was placed within a reasonable period (generally less than 90 minutes). Concrete temperatures were monitored and recorded. Concrete appeared to be placed and consolidated in general accord with industry standards.

***Slump Testing***

Our representative performed concrete slump testing during concrete placement. Slump testing was generally performed at least once per 150 cubic yards of concrete in accord with ASTM Test Designation C143, Slump of Portland Cement Concrete. Slump test specimens were obtained in accord with ASTM C172, Sampling Freshly Mixed Concrete. Slump test measurements were relayed to the contractor verbally. Our data would indicate that no significant amount of concrete was placed with an excessive slump.

### ***Compressive Strength Testing***

Generally, one set of four test specimens was cast per 150 cubic yards of concrete placed. The test specimens were returned to our laboratory for curing and compressive strength testing. Test specimens were cast, transported, and cured in accord with ASTM Test Designation C31, Making and Curing Concrete Test Specimens in the Field. Test specimens were stored in a humidity room complying with ASTM Specification C511. The test specimens were tested in unconfined compression in our laboratory at 7 and 28 days in accord with ASTM Test Designation C39. A compressive strength summary report is attached. Specimens for slab-on-grade closure strip concrete have not reached 28-day curing; compressive strength test data for these specimens will be forwarded under separate cover upon completion of curing and testing.

## **STRUCTURAL STEEL CONSTRUCTION**

### ***Shop Welding Observations***

Our representative observed structural shop welding for panel embeds, ledgers and columns. We observed welding materials and workmanship; materials and workmanship appeared to comply with project specifications, industry standards and provisions of the American Welding Society.

### ***Field Welding Observations***

Our representative observed structural field welding for panel holddowns and the roof structure connections. Prior to initiation of welding operations we reviewed qualification certificates of all project welders; our review indicated that the welder's certificates were current and applicable to the various types of project welding. We observed welding materials and procedures; welding procedures, workmanship, and materials appeared to comply with industry standards and provisions of the American Welding Society Structural Welding Code.

Field welds were examined for visual defects or flaws; all welds appeared to be sound. In addition, we checked welded connections for conformance to project plans and specifications; all welds appeared to meet specifications for size, length and type.

## **PLYWOOD NAILING**

Our representative observed nailing and provided quality control inspections for the roof sheeting. Nailing appeared to be in compliance with the project plans and provisions of the Uniform Building Code.

## **SUMMARY AND LIMITATIONS**

Our test data and observations indicate that the described construction observed by this company has, to the best of our knowledge, been performed in accord with sound engineering practice, the project

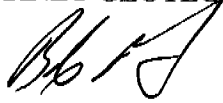
Page 4  
Outfall Circle Buildings  
Reference No. 146-380.01  
April 19, 2006

plans, and our referenced report. Horizontal and vertical limits of the described work were determined by others. Our firm was not present during earthwork construction and cannot comment on the earthwork procedures used. We cannot guarantee construction, nor should our work or this letter be construed as relieving the contractors from their primary responsibility to conform to contractual agreements and sound engineering practice.

Should you have any questions regarding this letter or require any further information, please contact our office.

Very truly yours,

**RANEY GEOTECHNICAL, INC.**



Bob McCormick  
Field Services Manager  
REGISTERED PROFESSIONAL ENGINEER  
JOHN M. RANEY  
Exp. 12/31/07  
John M. Raney  
Registered C. E. No. 23053  
Geotechnical Engineer No. 708  
OF CALIFORNIA



Attachments: Compressive Strength Summary Report

(2) Addressee

BM/JMR/cjh

## Concrete Compressive Strength Summary

### PROJECT: 146-380.01 Outfall Tiltup Buildings

Buzz Oates Enterprises  
 Attention: Bill Schmalzel  
 8615 Elder Creek Rd.  
 Sacramento, CA 95828

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION		3000	SLUMP: 4
8/20/2004	04-01675	Building B, Slab on Grade, Pourstrip at line F/4			MIX DESIGN: 58	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr NET STR. RESULT
	A	7	8/27/2004	88170	3120	3120
	B	28	9/17/2004	107440	3800	3800 PASS
	C	28	9/17/2004	110540	3910	3910 PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION		2500	SLUMP: 5
11/28/2005	05-02334	Building C, Footings, Southwest Corner			MIX DESIGN: 38	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr NET STR. RESULT
	A	7	12/5/2005	61900	2190	2190
	B	28	12/26/2005	90350	3200	3200 PASS
	C	28	12/26/2005	90850	3210	3210 PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION		2500	SLUMP: 4.5
11/28/2005	05-02335	Building B, Footings, Southeast Corner			MIX DESIGN: 38	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr NET STR. RESULT
	A	7	12/5/2005	69270	2450	2450
	B	28	12/26/2005	102020	3610	3610 PASS
	C	28	12/26/2005	103450	3660	3660 PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION		4000	SLUMP: 4.25
12/9/2005	05-02395	Building B, Slab on Grade, North End			MIX DESIGN: 8475	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr NET STR. RESULT
	A	7	12/16/2005	86480	3060	3060
	B	28	1/6/2006	119110	4210	4210 PASS
	C	28	1/6/2006	120370	4260	4260 PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION		4000	SLUMP: 5
12/9/2005	05-02396	Building B, Slab on Grade, South End			MIX DESIGN: 8475	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr NET STR. RESULT
	A	7	12/16/2005	88020	3110	3110
	B	28	1/6/2006	128320	4540	4540 PASS
	C	28	1/6/2006	124980	4420	4420 PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION		4000	SLUMP: 6
12/9/2005	05-02397	Building A, Slab on Grade			MIX DESIGN: 8475	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr NET STR. RESULT
	A	7	12/16/2005	90800	3210	3210
	B	28	1/6/2006	127240	4500	4500 PASS
	C	28	1/6/2006	122070	4320	4320 PASS

## Concrete Compressive Strength Summary

**PROJECT: 146-380.01 Outfall Tiltup Buildings**

Buzz Oates Enterprises  
 Attention: Bill Schmalzel  
 8615 Elder Creek Rd.  
 Sacramento, CA 95828

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION	4000	SLUMP: 7
12/9/2005	05-02398	<b>Building C, Slab on Grade</b>			<b>MIX DESIGN: 8475</b>
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH
					Corr
					NET STR.
					RESULT
	A	7	12/16/2005	87730	3100
					3100
	B	28	1/6/2006	121430	4300
					4300
	C	28	1/6/2006	116200	4110
					4110
					PASS
					PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION	4000	SLUMP: 6
12/9/2005	05-02399	<b>Building D, Slab on Grade</b>			<b>MIX DESIGN: 8475</b>
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH
					Corr
					NET STR.
					RESULT
	A	7	12/16/2005	88840	3140
					3140
	B	28	1/6/2006	129520	4580
					4580
	C	28	1/6/2006	127190	4500
					4500
					PASS
					PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION	3000	SLUMP: 4
1/13/2006	06-00044	<b>Building C, Panels C-11 &amp; C-8</b>			<b>MIX DESIGN: 58</b>
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH
					Corr
					NET STR.
					RESULT
	A	7	1/20/2006	90290	3190
					3190
	B	28	2/10/2006	117600	4160
					4160
	C	28	2/10/2006	120050	4250
					4250
					PASS
					PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION	3000	SLUMP: 4
1/13/2006	06-00045	<b>Building D, Panel D-9</b>			<b>MIX DESIGN: 58</b>
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH
					Corr
					NET STR.
					RESULT
	A	7	1/20/2006	100650	3560
					3560
	B	28	2/10/2006	126500	4470
					4470
	C	28	2/10/2006	121150	4290
					4290
					PASS
					PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION	3000	SLUMP: 4.5
1/13/2006	06-00046	<b>Building A, Panels A-1 &amp; A-2</b>			<b>MIX DESIGN: 58</b>
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH
					Corr
					NET STR.
					RESULT
	A	7	1/20/2006	92830	3280
					3280
	B	28	2/10/2006	121970	4310
					4310
	C	28	2/10/2006	126020	4460
					4460
					PASS
					PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION	3000	SLUMP: 4.5
1/13/2006	06-00047	<b>Building B, Panels B-1 &amp; B-18</b>			<b>MIX DESIGN: 58</b>
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH
					Corr
					NET STR.
					RESULT
	A	7	1/20/2006	88390	3130
					3130
	B	28	2/10/2006	111780	3950
					3950
	C	28	2/10/2006	117500	4160
					4160
					PASS
					PASS



## Concrete Compressive Strength Summary

**PROJECT: 146-380.01 Outfall Tiltup Buildings**

Buzz Oates Enterprises  
 Attention: Bill Schmalzel  
 8615 Elder Creek Rd.  
 Sacramento, CA 95828

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete		SPECIFICATION		3000	SLUMP:	
1/13/2006	06-00068	Client Sampled - Field Cured					MIX DESIGN:	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr	NET STR.	RESULT
	A	7	1/20/2006	108300	3830		3830	
	B	28	2/10/2006	122000	4320		4320	PASS
	C	28	2/10/2006	125310	4430		4430	PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete		SPECIFICATION		3000	SLUMP: 4	
2/15/2006	06-00197	Building A, Panel 12					MIX DESIGN: 58	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr	NET STR.	RESULT
	A	7	2/22/2006	77120	2730		2730	
	B	28	3/15/2006	109530	3870		3870	PASS
	C	28	3/15/2006	105610	3740		3740	PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete		SPECIFICATION		3000	SLUMP: 4.5	
2/15/2006	06-00198	Building D, Panel 2					MIX DESIGN: 58	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr	NET STR.	RESULT
	A	7	2/22/2006	64550	2280		2280	
	B	28	3/15/2006	95990	3400		3400	PASS
	C	28	3/15/2006	93390	3300		3300	PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete		SPECIFICATION		3000	SLUMP: 4.5	
2/15/2006	06-00199	Building D, Panel 2 - FIELD CURE					MIX DESIGN: 58	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr	NET STR.	RESULT
	A	7	2/22/2006	54860	1940		1940	
	B	28	3/15/2006	93080	3290		3290	PASS
	C	28	3/15/2006	88480	3130		3130	PASS

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete		SPECIFICATION		4000	SLUMP: 4.25	
3/22/2006	06-00349	Building C, Slab on Grade, Closure Strip, Line A @ 2					MIX DESIGN: 98	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr	NET STR.	RESULT
	A	7	3/29/2006	96920	3430		3430	
	B	28	4/19/2006					Pending
	C	28	4/19/2006					Pending

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete		SPECIFICATION		4000	SLUMP: 4.25	
3/22/2006	06-00350	Building A, Slab on Grade, Closure Strip, Line 1 @ A.5					MIX DESIGN: 98	
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr	NET STR.	RESULT
	A	7	3/29/2006	90110	3190		3190	
	B	28	4/19/2006					Pending
	C	28	4/19/2006					Pending

## Concrete Compressive Strength Summary

**PROJECT: 146-380.01    Outfall Tiltup Buildings**

Buzz Oates Enterprises  
Attention: Bill Schmalzel  
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Sacramento, CA 95828

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SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION		3000	SLUMP: 5		
3/30/2006	06-00371	Building D, Slab on Grade, Closure Strip, Line B.6 @ 3			MIX DESIGN: 98			
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr	NET STR.	RESULT
	A	7	4/6/2006	107750	3810		3810	
	B	28	4/27/2006					Pending
	C	28	4/27/2006					Pending

SAMPLE DATE / NUMBER/LOCATION		TYPE: Concrete	SPECIFICATION		3000	SLUMP: 4.5		
3/30/2006	06-00372	Building B, Slab on Grade, Closure Strip, Line C.5 @ 1			MIX DESIGN: 98			
	I.D.	AGE	BREAK DATE	LOAD	STRENGTH	Corr	NET STR.	RESULT
	A	7	4/6/2006	94410	3340		3340	
	B	28	4/27/2006					Pending
	C	28	4/27/2006					Pending