

# INVITATION

Freyssinet, the world leader in specialized construction, and ADAPT Corporation is pleased to hold and present a ½ Day Educational and Practical Seminar:

## Post-Tensioning Design and Construction

Learn the benefits and advantages of post-tensioned slabs, beams and foundations for building construction.

**Venue:**

**AL KHOZAMA, Riyadh-KSA**

**Date: 18<sup>th</sup> MAY 2010**

**Timing: 16:00 - 21:00**

**SOFITEL, Jeddah-KSA**

**Date: 19<sup>th</sup> MAY 2010**

**Timing: 16:00 - 21:00**



Corporate Sponsor:

**National Metal Manufacturing & Casting Co.  
"MAADANIYAH"**

Tel No: +966 3 358 8000

Fax No: +966 3 3583831

Email: [natmetal@natmetalco.com](mailto:natmetal@natmetalco.com)



PC Strand Manufacturer

## Purpose and Background

- Presenting the Post-Tensioning Technology for Slabs, Beams and Foundations in Buildings
- Outlining the economics and technical advantages
- Introducing the design concepts, tools  
(Agenda enclosed)

## Learning Objectives

- Current post-tensioning system and construction practice in buildings
- Concepts and procedures of post-tensioning design
- Structural modeling of post-tensioned buildings
- Good practice in design procedures
- Tendon layout and detailing

## Schedule

**18.05.10**     **Evening Session: 16:00 to 21:00**  
**AL KHOZAMA – (Location Map enclosed)**

**19.05.10**     **Evening Session: 16:00 to 21:00**  
**SOFITEL – (Location Map enclosed)**

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## Seminar Faculty

**Dr. Bijan O. Aalami:** A Life Member of the Post-Tensioning Institute and ASCE, is Professor Emeritus of San Francisco State University, Chartered Engineer, and CEO and Founder of ADAPT Corporation – a structural engineering firm in California specializing in the design of concrete structures.

**Dr. Florian Aalami:** EVP of ADAPT Corporation. Florian earned a bachelor's degree in Civil Engineering from the University of California, Berkeley and both a master's degree in Structural Engineering and a doctoral degree in Construction Technology from Stanford University.

**Mr. Khalil Doghri:** General Manager of Freyssinet Middle East; Obtained his Masters Degree from the French Institute of Roads and Bridges (ENPC) – Paris.

**Mr. Khalid Rabadi:** Division Manger for Freyssinet Middle East. Mr. Rabadi graduated with a BSc from Manchester University - UK in Civil Engineering.

**Mr. Turki Al Khamis:** Projects Manager for Freyssinet Middle East. Mr. Al Khamis graduated with a Masters Degree in Civil Engineering from the University of Jordan

**Mr. Mutasem Haddadin:** Commercial & Marketing Engineer for Freyssinet Middle East. Mr. Haddadin graduated with a BSc from The Hashemite University - Jordan in Civil Engineering.

## Seminar Fee and Registration

**Seminar Fee:** Free of Charge

*Due to limited space, advance registration is strongly recommended. In addition, each participant will receive a free comprehensive seminar handout, which includes numerical examples. The seminar will also cover a refreshment coffee break, and dinner.*

Please detach the Registration Form found at the end of this brochure and fax it to Freyssinet Menard Saudi Arabia on **(+966 2 628 34 86)**, attention **Mr. Hassan Fathy**, Tel no. **(+966 2 628 34 86 / + 966 2 678 47 63)**, Mob no. **(+966 5000 42602)**

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## Registration Form

Name: .....

Organization: .....

Department: .....

Position: .....

Address: .....

Telephone: .....

Mobile: .....

Fax: .....

Email: .....

Seminar Title	No. of Delegates	Date & Venue	Seminar Fees
<input type="checkbox"/> Post-Tensioning Design and Construction		May 18 <sup>th</sup> 2010,	Free of Charge

*The seminar will take place at **AL KHOZAMA**, Riyadh-KSA*

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Seminar Title	No. of Delegates	Date & Venue	Seminar Fees
<input type="checkbox"/> Post-Tensioning Design and Construction		May 19 <sup>th</sup> 2010,	Free of Charge

*The seminar will take place at **SOFITEL**, Jeddah-KSA*

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## SEMINAR

**“Innovative & Cost Saving Technique”  
For Buildings Structures  
Post- Tensioned Slabs  
Kingdom of Saudi Arabia – Riyadh – May 18  
By  
FREYSSINET MENARD SAUDI ARABIA  
&  
ADAPT CORPORATION (USA)**

### Agenda

#### Session

- 16:00-16:30**    **Registration, Reception and Coffee**
- 16:30-16:45**    **Welcome by Freyssinet and ADAPT (KD)**
- 16:45-18:15**    **Post-Tensioning in Buildings: History & Techniques  
Performance of Post-Tensioned Structures,  
Design Aspects, Specifications & Standards (BA)**
- 18:15-18:45**    **Coffee Break + Prayer Time**
- 18:45-19:30**    **Design Aspects, Specifications & Standards (Continue) (BA)**
- 19:30-20:00**    **Advantages, Executions, Case Study and References (KR+TK+MH)**
- 20:00-20:45**    **Design Tools & Detailing of Tendons/Rebar (FA)**
- 20:45-21:00**    **Conclusion + Discussion (KD)**
- 21:00**            **End of Session**

- BA – Dr. Bijan Aalami (ADAPT Corporation)
- FA – Dr. Florian Aalami (ADAPT Corporation)
- KD – Mr. Khalil Doghri (Freyssinet Menard Saudi Arabia)
- KR – Mr. Khalid Rabadi (Freyssinet Menard Saudi Arabia)
- TK – Mr. Turki Al Khamis (Freyssinet Menard Saudi Arabia)
- MH – Mr. Mutasem Haddadin (Freyssinet Menard Saudi Arabia)

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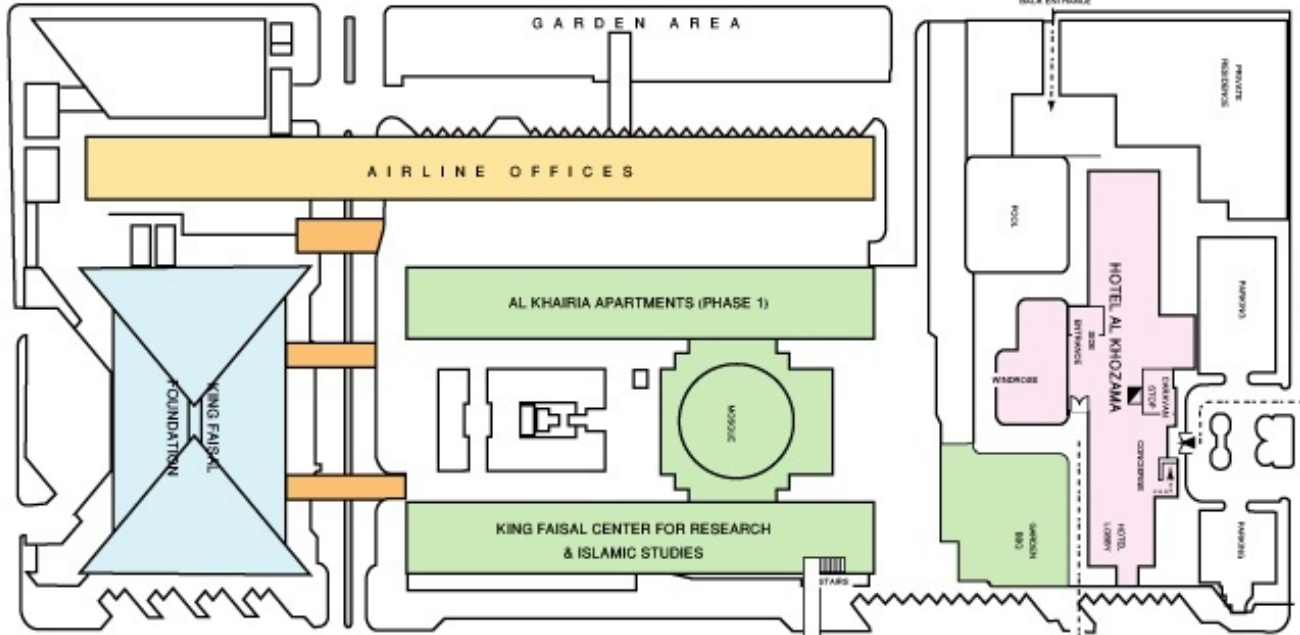


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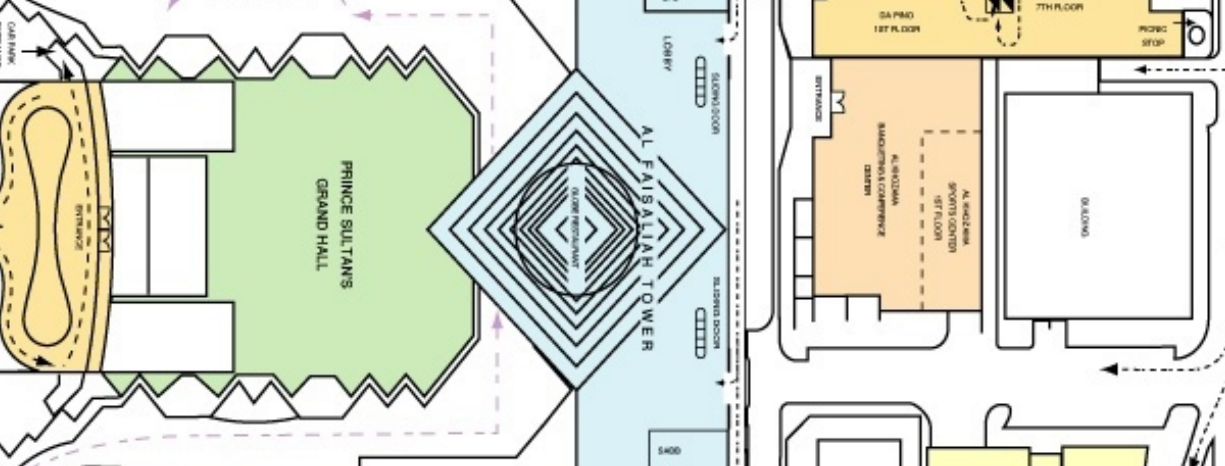
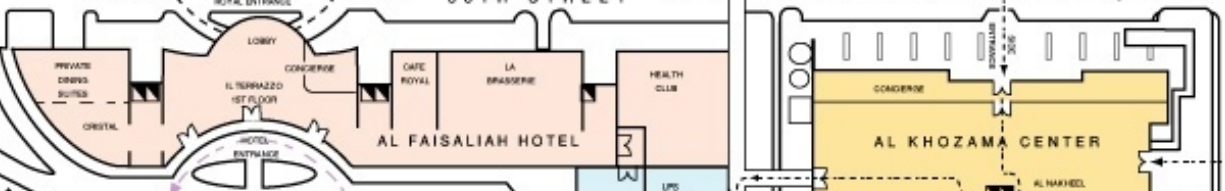
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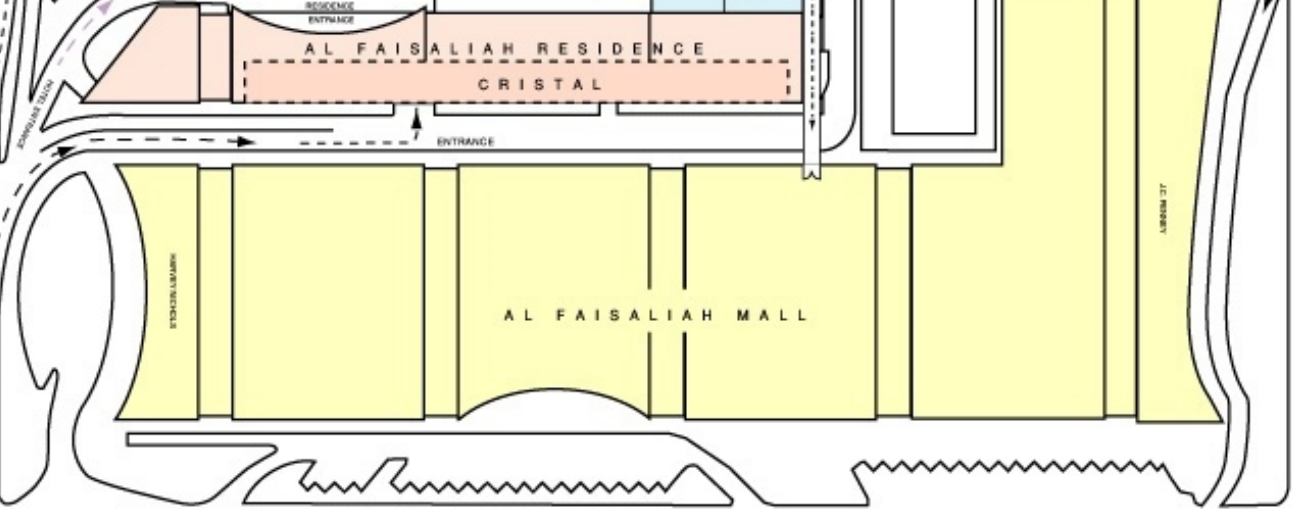
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38TH STREET



30TH STREET



TO AIRPORT

SERVICE ROAD

TO MAKKAH

ENTRANCE

ENTRANCE



RED SEA

Corniche Road

Andalus Road

US  
Consulate

Hail Street

Fakhi  
hospital

SOFITEL  
SOFITEL

French  
Consulate

Palestine Road

Alhamra Street

Alraya  
Super  
Market

Mosadia  
Plaza



Madina Road