نظرة إدارة بيانات المباني لإمارة أبوظبي

Abu Dhabi’s Building’s Data Management System

www.adm.gov.ae
Introduction
Abu Dhabi
The Process
The consultant submits the CAD drawings to Municipality as per standards.

GIS staff use the **Checker** to QC the drawings.

Are Drawings correct?

GIS staff use the **Converter** to convert CAD to GIS.

Users uses the **Viewer** to browse the data in 2D & 3D modes.

ESRI ArcEngine 10.0 + 3D Analyst extension + VB.Net
The Data Model
The CAD Delivery Standards
The Software
1. CAD QC Module
2. Viewer Module
Demo
The whole world steps aside for the man who knows where he is going.”

- Sheikh Zayed bin Sultan Al Nahyan
The Applications
Real-estate registration

Emirate of Abu Dhabi
Department of Municipal Affairs
Municipality of Abu Dhabi City

Location Details
Zone: Al Reem Island
Sector: RS6
Plot No: C10_C11

Plot Details
Usage Category: commercial
Usage Type: residential/Commercial
Area: 48210.48 sqm

Unit Details
Owner Name: Mr. Mohammed Abdulla
Unit Number: 07
Unit Area: 1327.49 sqm

Project Details
Project Name: Al Reem Island
Project Number: RS6
Developer: C10_C11

Floor Details
Floor Number: Floor_F5

Issue Date: 14/04/2011

Electronic Signature
RS6_C10_C11-T1-Floor_F5-07
Indoor 3D navigation
Approvals for permitting

Zoning Regulation Envelope
Evacuation Plans

Office Building Emergency Floor Plan

Legend:
- Exit Route
- Fire Extinguisher
- Fire Alarm
- First Aid

Lunch Room

Sales

VP Office

Server Room

Shipping

File Room

Reception
Samples
Thank you

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