INFRASTRUCTURE PERMITTING FRAMEWORK

Municipality of Abu Dhabi City
– Town Planning Sector
For Additional Information

Please check ADM web site http://www.adm.gov.ae/English/eServices/building.aspx?pgid=1313 for up-to-date information on the infrastructure permit roll out status.

Please contact ADM Customer Service for queries as follows:

Email: cs@adm.abudhabi.ae
Subject: Infrastructure Permit

The Town Planning Sector has published draft guidelines for infrastructure permitting on the Municipality of Abu Dhabi City website, covering:

- Permit types
- Permitting processes
- Documentation and drawings required for each permit

Please check ADM web site to download the guidelines:
Executive Summary

Objective:
- Inform all entities involved in infrastructure work in Abu Dhabi of the mandate to obtain infrastructure permits
- Explain permitting requirements and processes

Outline:
- Permit Directive
- Infrastructure Permit Categories
- Type of Permits for Each Category
- Infrastructure Permit Process Framework
- Permitting Processes
- Required Documentation for Permitting
Permit Directive

Directive No. 3 dated 22/11/2011 of Session No. 3/2011 for the issuance of NOCs and Building Permits:

- All parties concerned with infrastructure work shall obtain the necessary permits from the Department of Municipal Affairs
Infrastructure Permits Categories

Offshore Lines
Maintenance
House Connection and Plot Services
Development Projects
Roads & Public Areas
Infrastructure & Utility Lines
Type of Permits for Infrastructure and Utility Lines

Special Lines
- Subsurface Drainage
- Transco Electric Transmission Line
- Transco Water Transmission Line
- Treated Water Line
- Trunk Sewer Line
- Fiber Optic Cable
- Gas Transmission Line
- Irrigation Trunk Line
- NECMA Line
- Overhead Electrical Line
- Petroleum Products Line
- ADDC Electric Transmission Line
- ADDC Transmission on Water Line
- ADDC Closed Circuit Line
- CO₂ Line
- Crude Oil Line
- Irrigation Line
- Main Storm Water Line
- Secondary Storm Water Line
- Street Lighting
- District Cooling Line
- Electrical Cable
- Gas Line
- Sewer Line
- Telecom Line
- Water Line
Type of Permits for Roads and Public Realm

**Mass Transit**
- Metro Railway

**Public Realm**
- Public Areas/Spaces
  - Public Areas/Parks
    - Public Areas
    - Streetscapes
  - Public areas
    - Waterfronts

**Roads**
- Pedestrian Bridges or Tunnels
- Road Bumps
- Road Structures
- Unpaved Roads
- Services Corridors
- Traffic Management Control System

**Roads**
- Gantry for support
- Integrated Highway
- Integrated Urban Road
- Lay-by
- Noise and visual barriers
- Parking Lot
Type of Infrastructure Permits for Developments

Road Utilities Networks
- District Cooling Network
- Electrical Network
- Irrigation Network
- Natural Gas Network
- Sewer Network
- Storm Water Network
- Street Lighting Network
- Telecommunication Network
- Water Network
- Road Network

Connections
- District Cooling Line Connection
- Electrical Cable Connection
- Irrigation Line Connection
- Natural Gas Line Connection
- Sewer Line Connection
- Storm Water Connection
- Telecom Line Connection
- Water Line Connection

Infrastructure of Development Projects
- Master Plan (Roads & Service Corridors)
Type of Permits for Plot Services

- Storm Water Line
- District Cooling Line
- Electrical Line
- Water Line
- Telecom Line
- Sewer Line
- Gas Line

Access Lanes for Multiple Plots
Access Lane + Car Parking + Road Sidewalk
Plot Sidewalk
Car Parking
Access Lane to a plot
Type of Permits for Maintenance

Maintenance of Public Realm

Maintenance of Roads

Maintenance of Utility and Infrastructure Lines
### Type of Permits for Offshore Lines

<table>
<thead>
<tr>
<th>Permits Type</th>
<th>Images</th>
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<tbody>
<tr>
<td>Submarine CO2 Line</td>
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<tr>
<td>Submarine Petroleum Product Pipeline</td>
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<tr>
<td>Submarine Crude Oil Pipeline</td>
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<tr>
<td>Overhead Electrical Line in Territorial Waters</td>
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Infrastructure Permit Process Framework

**Current: Manual Processing**
1. Consultant Submits Notice of Intent for Design
2. Consultant Submits an application for Route Approval
3. Urban Planning Division (UPD) issues a provisional approval
4. Contractor obtains NOCs from NOC Entities
5. Contractor submits shop drawings and Notice of Work

**Proposed: E-Processing with GIS Tracking**
- Steps 1 to 5 through the infrastructure online portal
6. UPD issues Final Approval
7. Customer Service Issues Infrastructure Permit
8. Contractor Submits request for temporary completion certificate
9. Survey Section verifies as-built and issues temporary completion certificate
10. Contractor submits as-built drawings and SDD issues a final completion certificate
There are four types of processes, depending on the project type:

**Process 1** – Strategic projects such as highways and urban roads, parks, main transmission lines (power and water), Oil & Gas pipelines, offshore lines

**Process 2** – Utility lines

**Process 3** – Maintenance work

**Process 4** – House Connection and Plot Services

Every permit was linked to one of the above processes
## Permitting Stages

<table>
<thead>
<tr>
<th>Demarcation</th>
<th>Final Approval</th>
<th>Provisional Approval</th>
<th>Stages</th>
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<tbody>
<tr>
<td>Issue Permit</td>
<td>Verify Demarcation</td>
<td>Provide Project Coordinates</td>
<td>Details</td>
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<td>Review Shop Dwg and Issue Final Approval</td>
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<td>Issue NOC</td>
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<td>Review and Determine NOC Entities</td>
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<td>QC of Drwg. To SDD Std.</td>
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<td><strong>Project Coordination</strong></td>
<td><strong>Responsible Entity</strong></td>
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## Permitting Processes

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<td>Review Shop Dwg and Issue Final Approval</td>
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<td>Demarcation Section</td>
<td>Provide Project Coordinates</td>
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<td>Process 2</td>
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Process 1, Process 2, Process 3, Process 4
Submit Application, document & Drawing

Review & Accept Application

Check the quality of the drawing

General GIS location code for the project

Review project Location and Determine NOC

Update GIS System (Design Layer)

Issue Provisional Planning Approval

Infrastructure Control

QC Mapping Infrastructure

Mapping Section SDD

Mapping Infrastructure

Mapping Section SDD

Mapping Infrastructure

Planning and Main coordination section UPD

Provide NOC

NOC Entities

Infrastructure Coordination Division

Mapping Section SDD

All rejections are sent to applicant
Detail of Process - 1 – Final Approval & Checking of Demarcation Stage

Final Approval Phase

0. Submit Application, Document & Shop Drawing
1. Planning Approval
   - Urban Planning Shop Drawing
   - Planning and Main Coordination Section

Demarcation Phase

0. Submit request to check project Boundary Demarcation
1. Check Project Boundary demarcation
   - Demarcation
   - Survey Section Spatial Data...

Contractor

2. Issue Permit
   - Customer Service Division

Applicant

All rejections are sent to contractor

Municipality of Abu Dhabi City
– Town Planning Sector
**Detail of Process - 2  – Planning Approval Stage**

1. **Submit Application, document & Drawing**
   - Infrastructure Control
   - Planning and Main Coordination Section
2. **Review & Accept Application**
   - QC Mapping Infrastructure
   - Mapping Section SDD
3. **Check the quality of the drawing**
   - Mapping Infrastructure
   - Mapping Section SDD
   - Urban Planning Design
   - Planning and Main Coordination Section UPD
4. **Review Project Location and Determine NOC**
   - Update GIS & generate location code for the project
   - Update GIS System (Design Layer)
   - Mapping Section SDD
   - Mapping Section SDD
   - Mapping Section SDD
   - Mapping Section SDD

**All rejections are sent to applicant**
Detail of Process - 2 – Final Approval & Checking of Demarcation Stage

Final Approval Phase

0. Submit Application, Document & Shop Drawing
1. Planning Approval
   - Urban Planning Shop Drawing
   - Planning and Main Coordination Section
2. Contractor
   - Provide Final NOC
   - NOC Entities
3. Contractor
   - Provide Work Boundary Points & Utility route
   - Mapping Infrastructure
   - Mapping Section SDD
   - Work Boundary points coordinates FORM to be used

Demarcation Phase

0. Submit request to check project Boundary Demarcation
1. Check Project Boundary demarcation
   - Demarcation
   - Customer Service
2. Contractor
   - Survey Section Spatial Data...
   - Customer Service Division
3. Issue Permit
   - Contractor

All rejections are sent to contractor

Municipality of Abu Dhabi City
– Town Planning Sector

MUNICIPALITY OF ABU DHABI CITY
Final Approval Phase

0  Submit Application, document & Drawing
1  Review & Accept Application
2  Check the quality of the drawing
3  Planning Approval
   - Update GIS & generate location code for the project
   - Planning and main coordination section
   - Mapping Infrastructure
   - Mapping Section SDD
   - Urban Planning Shop Drawing
   - QC Mapping Infrastructure

Demarcation Phase

0  Submit request to check Project Boundary Demarcation
1  Check Project Boundary Demarcation
2  Issue Permit

Contractor

1  Survey Section Spatia Data...
2  Customer Service Division

Applicant

0  Submit Application, document & Drawing
1  Review & Accept Application
2  Check the quality of the drawing
3  Planning Approval
   - Mapping Infrastructure
   - Mapping Section SDD
   - Planning and main coordination section UPD
   - Urban Planning Shop Drawing

All rejections are sent to applicant
Detail of Process - 3 – Checking of Demarcation Stage

1. Submit Request to check Project Boundary Demarcation

2. Check Project Boundary Demarcation
   - Demarcation
   - Survey Section Spatial Data…

3. Issue Permit
   - Customer Service
   - Customer Service Division

All rejections are sent to applicant
Submit Application, Document & Shop Drawing

1. Review & Accept Application
   - Infrastructure Coordination Division

2. Planning Approval
   - Urban Planning Shop Drawing
     - Planning and Main Coordination Section UPD
     - Design Section UPD

3. Update GIS System (Design Layer)
   - Mapping Infrastructure
     - Mapping Section SDD

4. Issue Permit
   - Customer Service
     - Customer Service Division

Applicant

All rejections are sent to applicant
Example of Required Documentation for Permitting

Below is an example of typical required documentation. For detailed requirement for each permit, kindly check the municipality web site (http://www.adm.gov.ae/en/DocumentCentre/Index.aspx?&MenuID=109&CatID=126&mnu=Cat&div=Cat)

Requirements for Final Approval:
1. A letter from the relevant authority or asset owner (PDF)
2. Drawing of the area specifying work locations that require permits (based on shop drawings). This should be outlined on a new map for aerial photography, according to Spatial Data Division standards (DWG).
3. Certified and stamped shop drawings from the relevant authority (PDF)
4. Method statement
5. Shop drawings that require approval, according to Spatial Data Division standards (DWG)
6. Duration required for implementation, and the project’s starting and completion dates (PDF), highlighting milestones using the Primavera System
7. Safety and security plan during work execution, according to the requirements of the Health, Safety and Environment Division – Town Planning Sector (PDF)
8. No Objection Certificate (NOC) from other relevant authorities, based on the project and procedures involved (note: 1):
   1. Parks & Recreation Facilities Division – Municipal Infrastructure & Assets Sector (Municipality of Abu Dhabi City)
   2. Health, Safety and Environment Division – Town Planning Sector (Municipality of Abu Dhabi City)
   3. Abu Dhabi Distribution Company (ADDC)
   4. Abu Dhabi Transmission and Dispatch Company (TRANSCO)
   5. Emirates Telecommunications Corporation (Etisalat)
   6. Emirates Integrated Telecommunications Company (du)
   7. Abu Dhabi Sewerage Services Company (ADSSC)
   8. Traffic & Patrol Department – Abu Dhabi Police (when impacting car traffic)
   9. Abu Dhabi Department of Transport (DoT)
   10. Other authorities, according to location and nature of project (note: 1)