

## الفصل الثامن

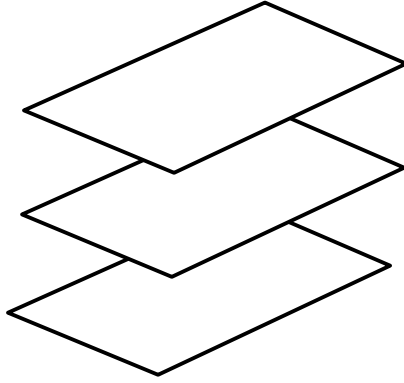
### الطبقات

Layers

#### مفاهيم الطبقات الأساسية:

" "

Tracing Paper    Transparencences



1-8

؛ current layer **الطبقة الحالية**

Layer 0

current

Object properties toolbar

Layer

؛ Current color and Linetype **اللون ونوع الخط الحالي**

Linetype color

Bylayer

Bylayer

.Bylayer

Linetype Color

خصائص الطبقات :Layers Properties

Layer &

2-8 Linetype Properties

؛ Layer name 1-اسم الطبقة

31

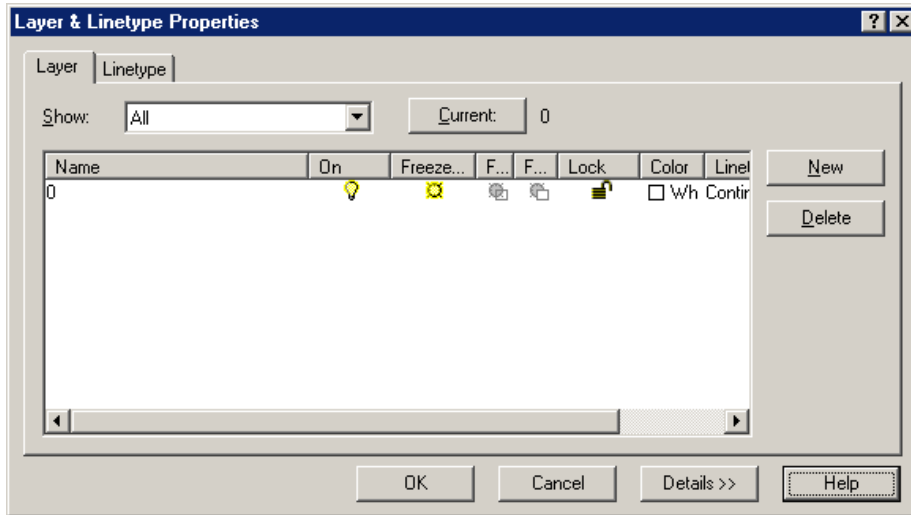
( )

(-)

.Spaces

:

LAYER02, Dim-Layer , DIM\_Layer,3001, \$ABC062



Layer & Linetype Properties

2-8

؛ Visibility الإظهار والإخفاء

ON

OFF ON

OFF

Regeneration

Off

**3- التجميد والإذابة Freeze and Thaw :**

.Freeze

.Thaw

Object snap

Select object:

.modes

**4- غلق عناصر الطبقة Lock :**

.Unlock

**5- لون الطبقة Layer Color :**



6- نوع خط الطبقة Linetype :

التعامل مع الطبقات :

Format 3-8 8 Format Layer

- Layer 3-

.4-8



4-8

: - layer

Command: -layer

?/Make/Set/New/ON/OFF/Color/Ltype/Freeze/Thaw/LOck/Unlock: New

New layer name(s): Dimensions

Layer name (s) <default> :

(,)

.

.

\* ?

F\*

F

: Layer

?/Make/Set/New/ON/OFF/Color/Ltype/Freeze/Thaw/LOck/Unlock

?

( )

Make

OFF

.

ON

Layer (nnn) is frozen cannot be current layer until thawed

New

Set

Current

New

.OFF

ON

OFF

:

Really want layer (nnn) (the current layer) OFF ? &lt;N&gt;:

(-)

COLOR :-1

Color

: color nnn

Layer name (s) for color nnn (name) &lt; current &gt;:

(nnn)

Enter

\* ,

Ltype

LINETYPE

Freeze

:

cannot freeze layer (name).It is the CURRENT layer.

Thaw

Lock

Unlock

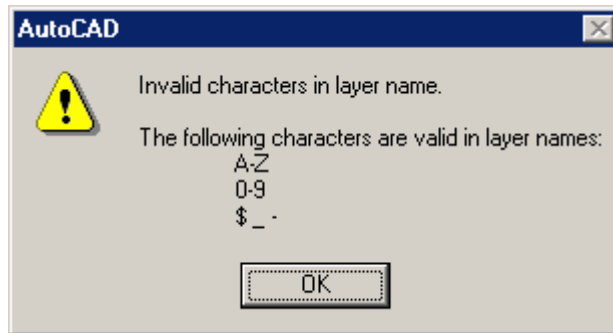
**إنشاء وتسمية الطبقات:**

.  
NEW  
.ON  
.Format Layer  
Layer Layer  
Layer & Layer  
NEW Linetype Properties  
Layer2 Layer 1

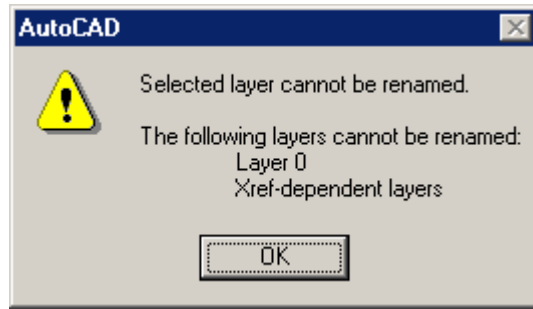
.5-8

NEW

OK



5-8



6-8

0

.6-8

RENAME

-:

COMMAND: RENAME  
 BLOCK/LAYER/LTYPE/STYLE/UCS/VLEW/VPORT:LA  
 OLD LAYER NAME: (OLD NAME)  
 NEW LAYER NAME: (NEW NAME)

LT

-:

OLD LINETYPE NAME: (NEW NAME)  
 NEW LINTYPE NAME : (NEW NAME)

**فرز وترتيب الطبقات:**

( )

.1-8

.

.

.

**جعل طبقة هي الطبقة الحالية:**

.Current

.

.

OK

Current

Enter

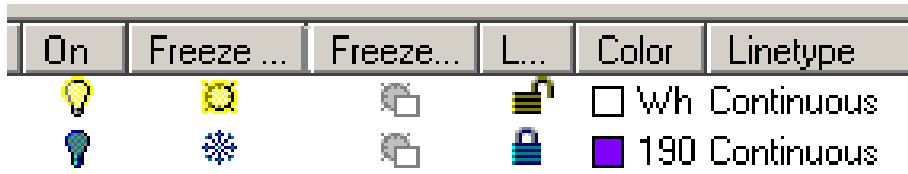
.

**إمكانية رؤية الطبقة**

.

.OFF

Freeze



7-8

(ON )

.ON

.7-8

Select All

)

.(

OK

### تجميد وإذابة الطبقات

Freeze in all Viewports

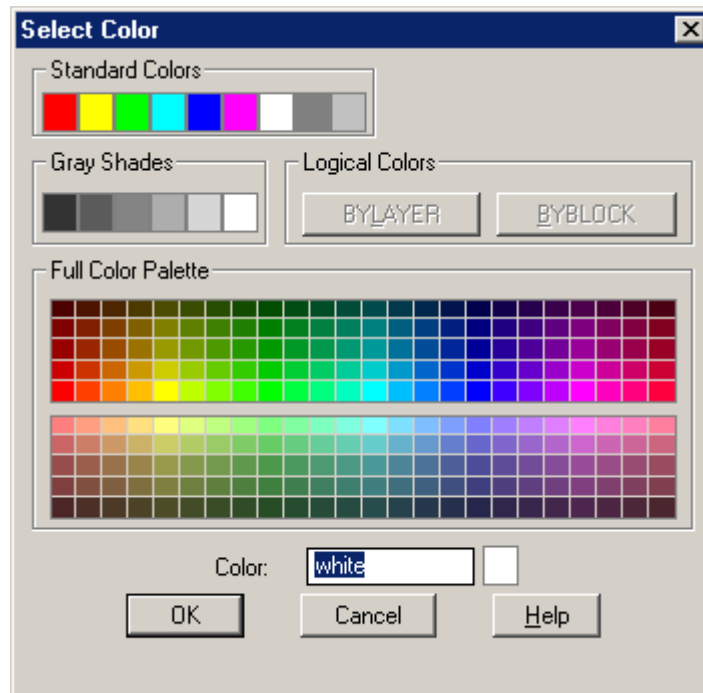
Freeze in Current Viewport

.Freeze in New Viewports



Freeze...

### تحديد لون الطبقة layer color



8-8

Color

.8-8

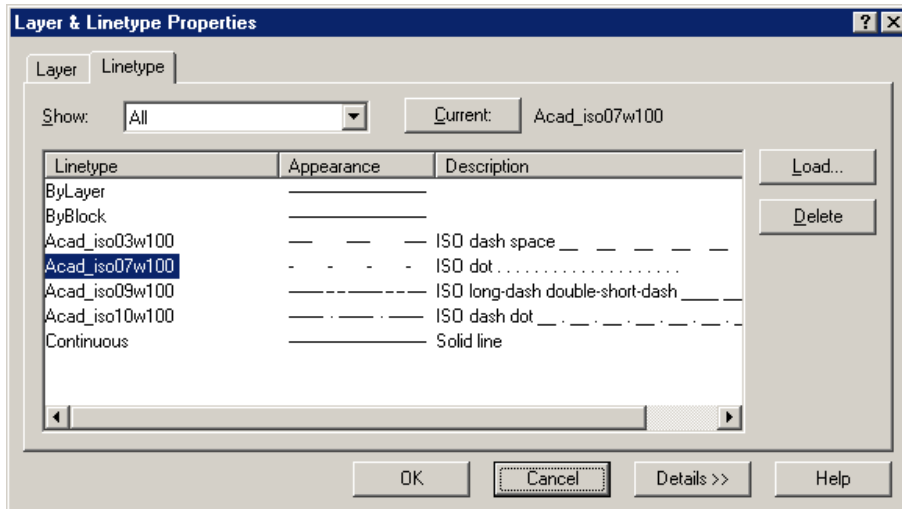
Color

### تغيير نوع الخط:

.Linetype

. 9-8

.Linetype



9-8

### تغيير طبقات العناصر باستخدام CHANGE & CHPROP :

.

:

CHANGE, CHPROP

Command: CHANGE

Select objects: 1 found

Select objects:

: P

Properties/&lt;Change point&gt;: p

: LA

Change what property (Color/Elev/LAyer/LType/lScale/Thickness) ? LA

:

New layer &lt;0&gt;: Walls

Change what property (Color/Elev/LAyer/LType/lScale/Thickness) ?

CHANGE

CHPROP

BYLAYER

LINETYPE Color

الطبقات وأوامر تعديل الرسوم:

COPY, MIRROR, ARRAY, OFFSET

copy

FILLET, CHAMFER

Current layer

DIVIDE, MEASURE

إزالة الطبقات والخطوط غير المستخدمة :PURGE

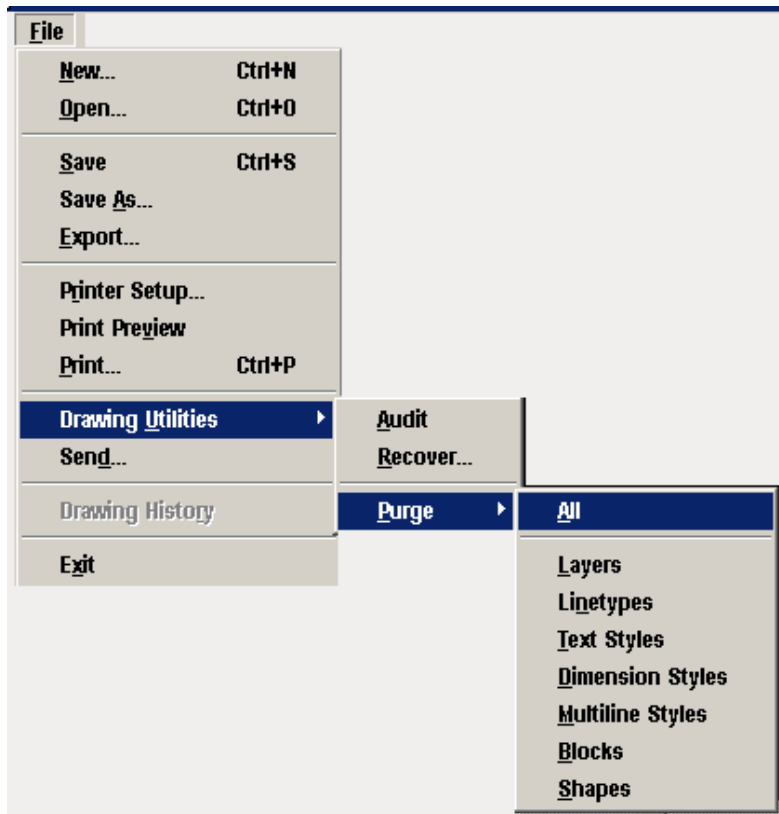
Drawing

Purge

.10-8

File

Utilities



10-8

Purge

LA

:

PURGE LAYER (NAME) <N>:

Y

NAME

LT

0 Enter

:

PURGE LINTYPE (NAME) <N>:

PURGE

Blocks

STYLES

PURGE

ALL

PURGE

**مُزَيَّن 1-8:**

.297x210 Limits

Zoom All

Walls – Axis

.Hatch01-Furniture01-Metal

. Furniture

Metal

Freeze

11-8

.Hatch01

. Walls

