First Printing Publication Date:

September 2024

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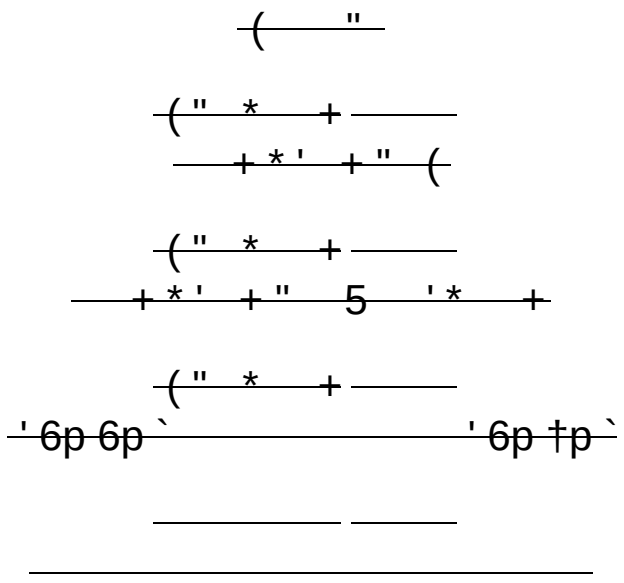

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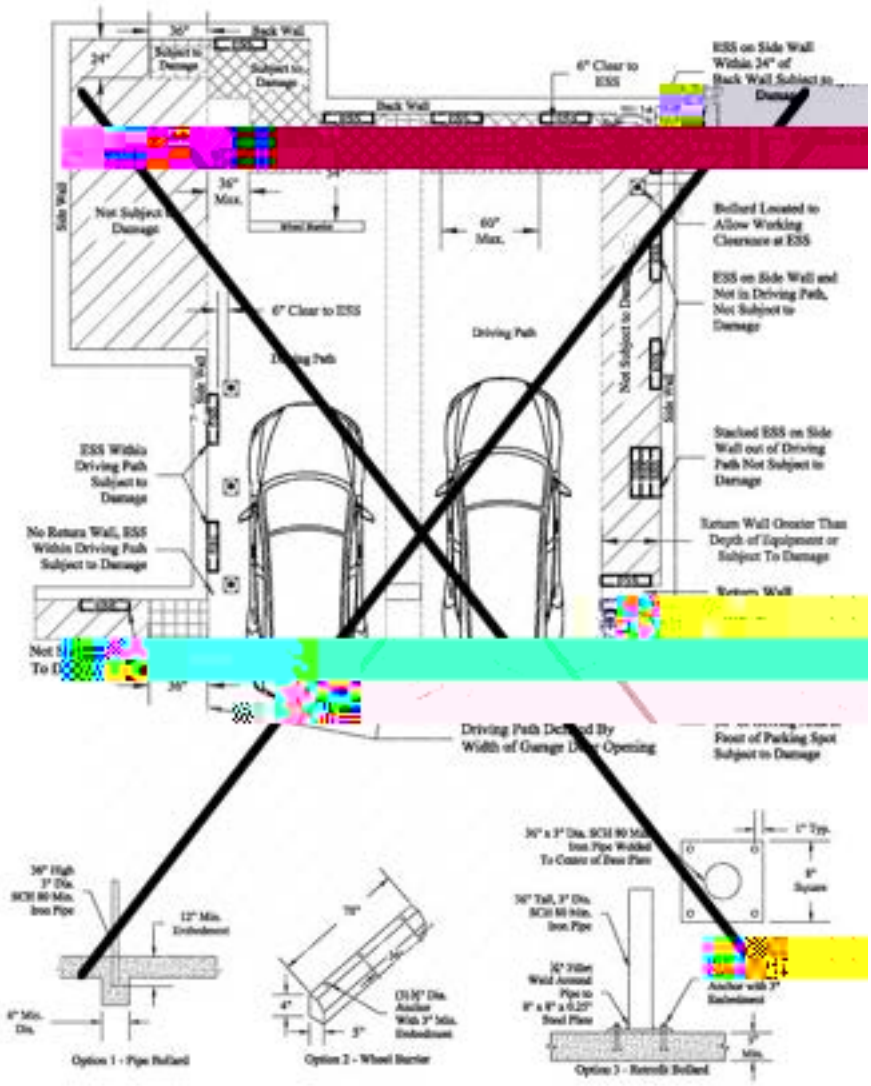
Back Wall
Subject to Damage
6" Clear to ESS
ESS on Side Wall Within 24" of Back Wall Subject to Damage
Side Wall
Not Subject Damage
36" Max.
Wheel Barrier
60" Max.
Bollard Located to Allow Working Clearance at ESS
ESS on Side Wall and Not in Driving Path, Not Subject to Damage
Driving Path
Not Subject to Damage
Stacked ESS on Side Wall out of Driving Path Not Subject to Damage
ESS Within Driving Path Subject to Damage
No Return Wall, ESS Within Driving Path Subject to Damage
Return Wall Greater Than Depth of Equipment or Subject To Damage
Return Wall
Not Subject To Damage
36"
Driving Path Defined By Width of Garage Door Opening
Front of Parking Spot Subject to Damage
36" High 3" Dia. SCH 80 Min. Iron Pipe
12" Min. Embedment
6" Min. Dia.
Option 1 - Pipe Bollard
78°
4"
3"
(3) 5/8" Dia. Anchor With 3" Min. Embedment
Option 2 - Wheel Barrier
36" x 3" Dia. SCH 80 Min. Iron Pipe Welded To Center of Base Plate
1" Typ.
8" Square
36" Tall, 3" Dia. SCH 80 Min. Iron Pipe
1/2" Fillet Weld Around Pipe to 8" x 8" x 0.25" Steel Plate
Anchor with 3" Embedment
Min.
Option 3 - Retrofit Bollard

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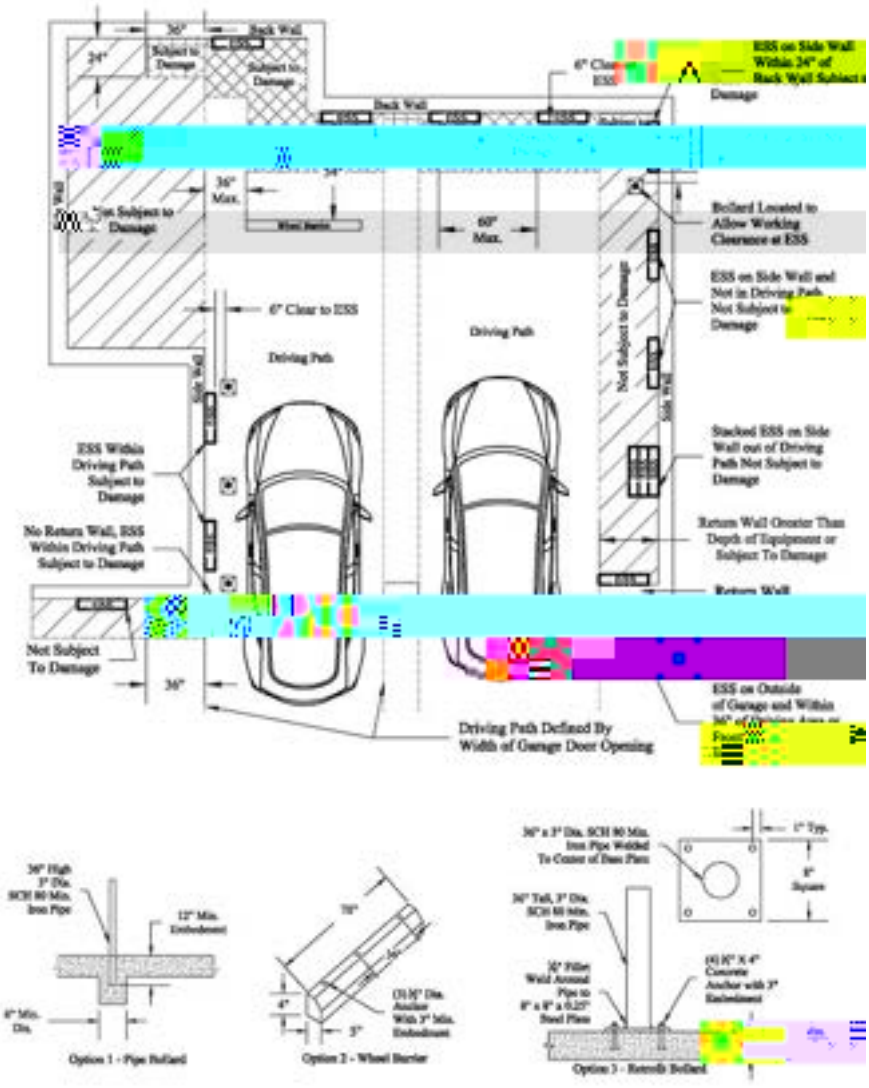
Back Wall
ESS on Side Wall Within 24" of Back Wall Subject to Damage
Bollard Located to Allow Working Clearance at ESS
ESS on Side Wall and Not in Driving Path Not Subject to Damage
6" Clear to ESS
Driving Path
Stacked ESS on Side Wall out of Driving Path Not Subject to Damage
ESS Within Driving Path Subject to Damage
No Return Wall, ESS Within Driving Path Subject to Damage
Return Wall Greater Than Depth of Equipment or Subject To Damage
Not Subject To Damage
ESS on Outside of Garage and Within
Driving Path Defined By Width of Garage Door Opening
Option 1 - Pipe Bollard
Option 2 - Wheel Barrier
Option 3 - Retrofit Bollard

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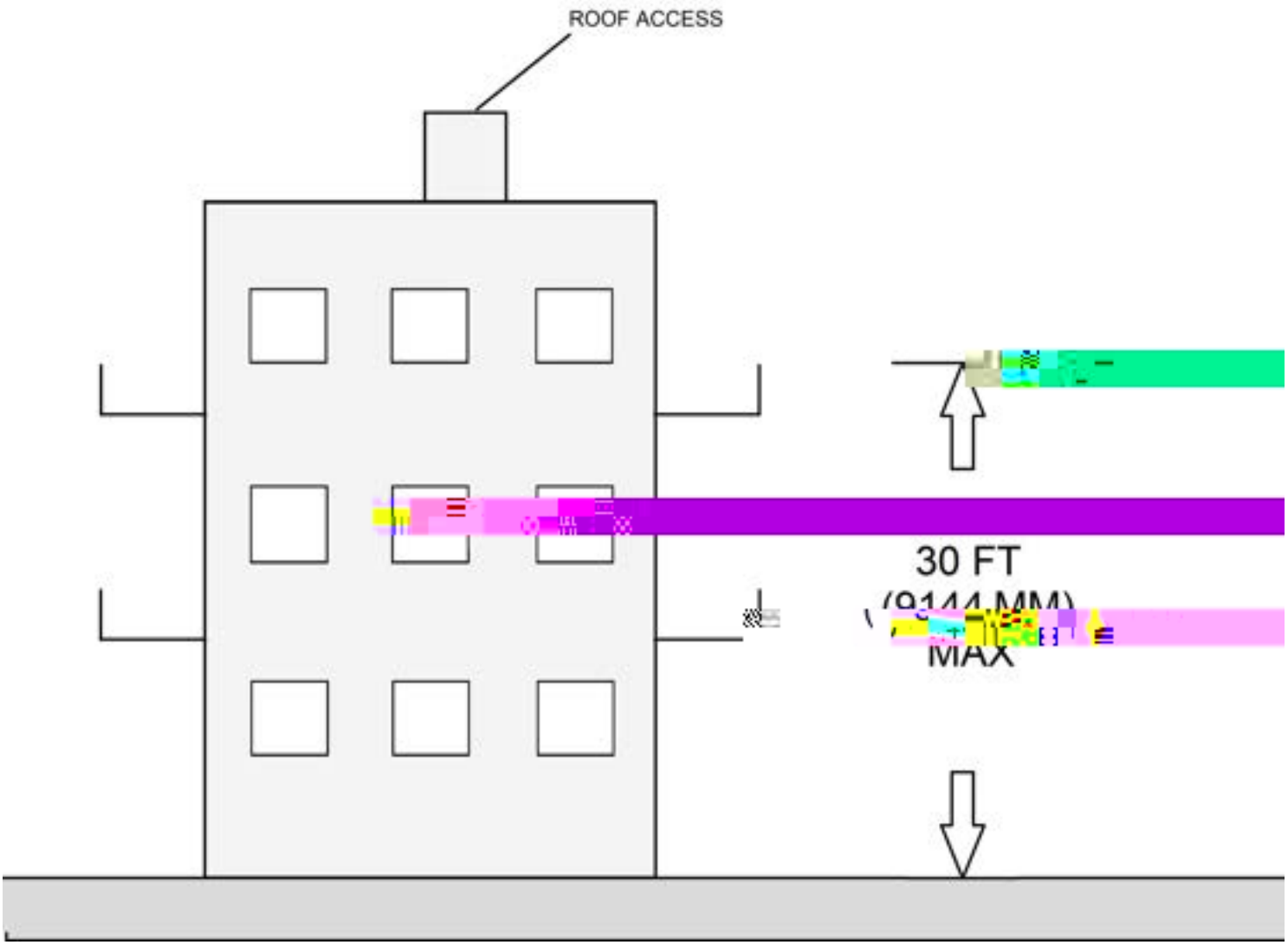
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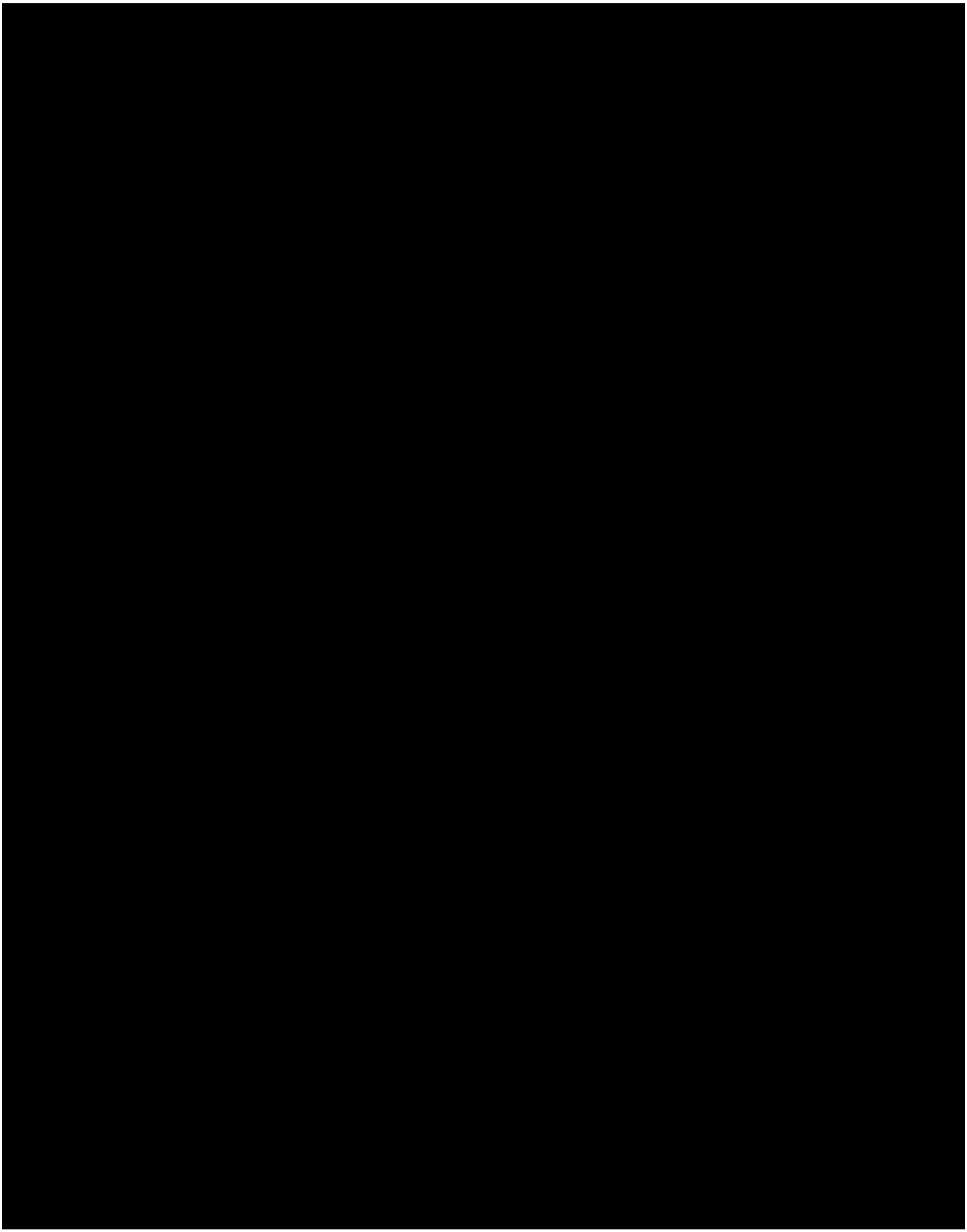

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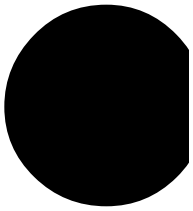

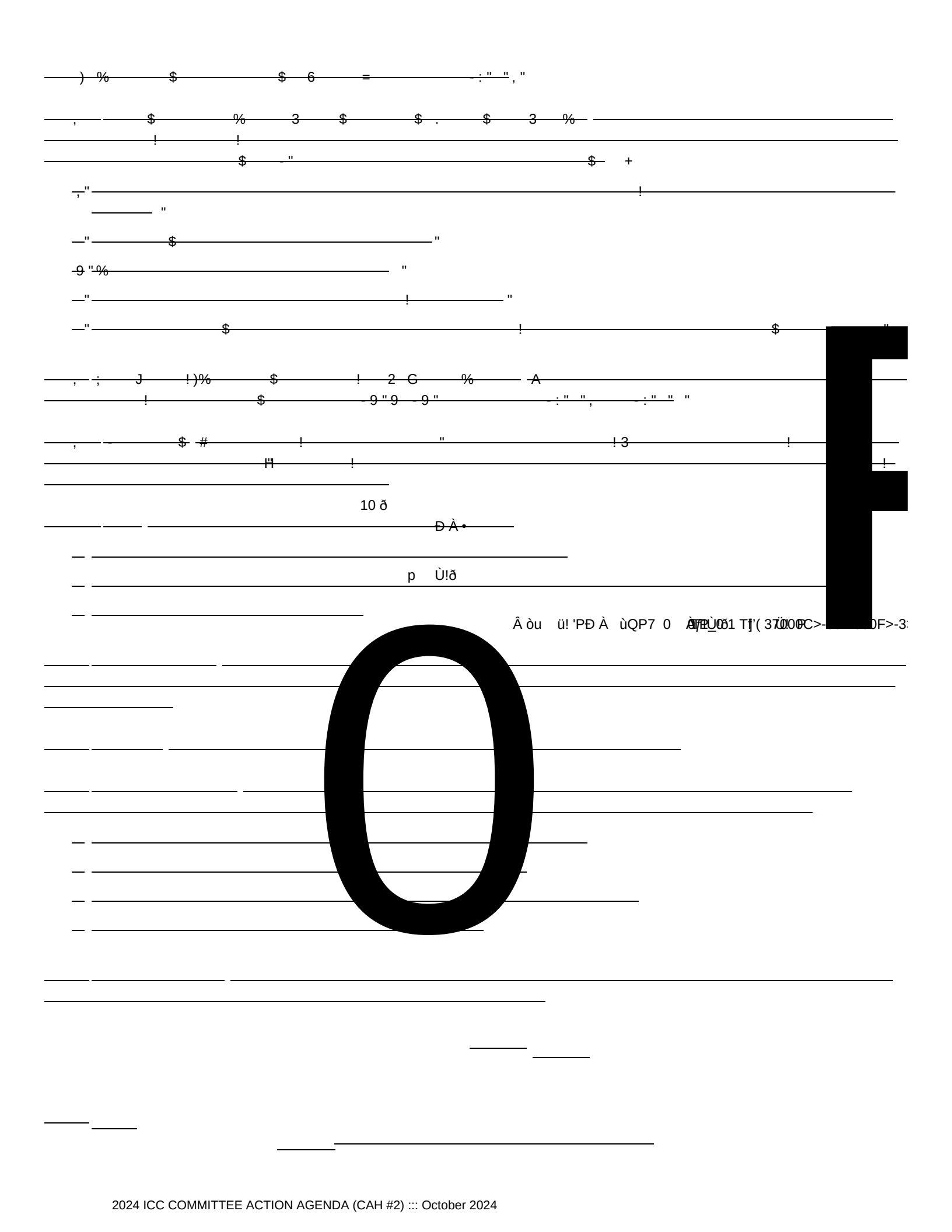

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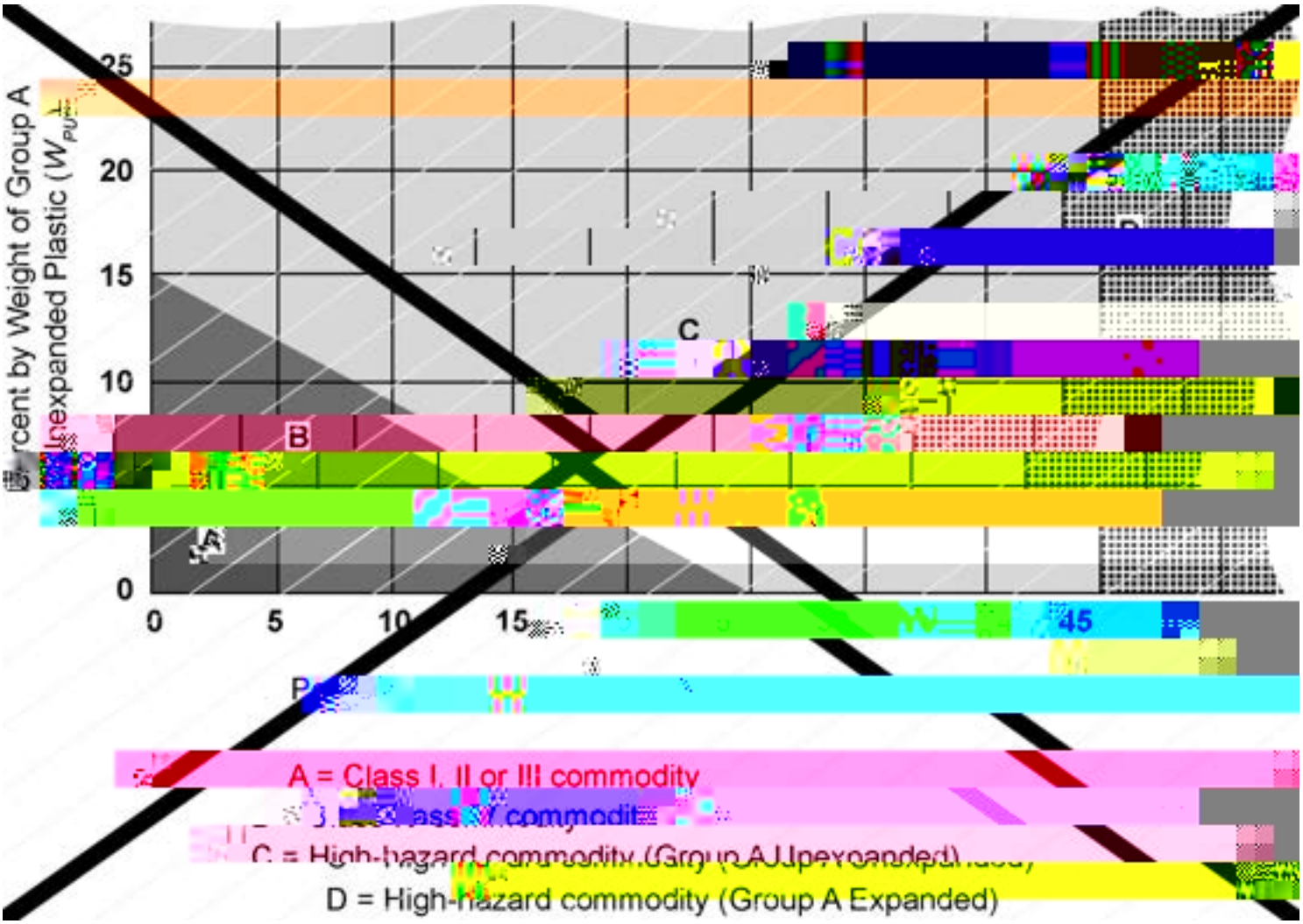
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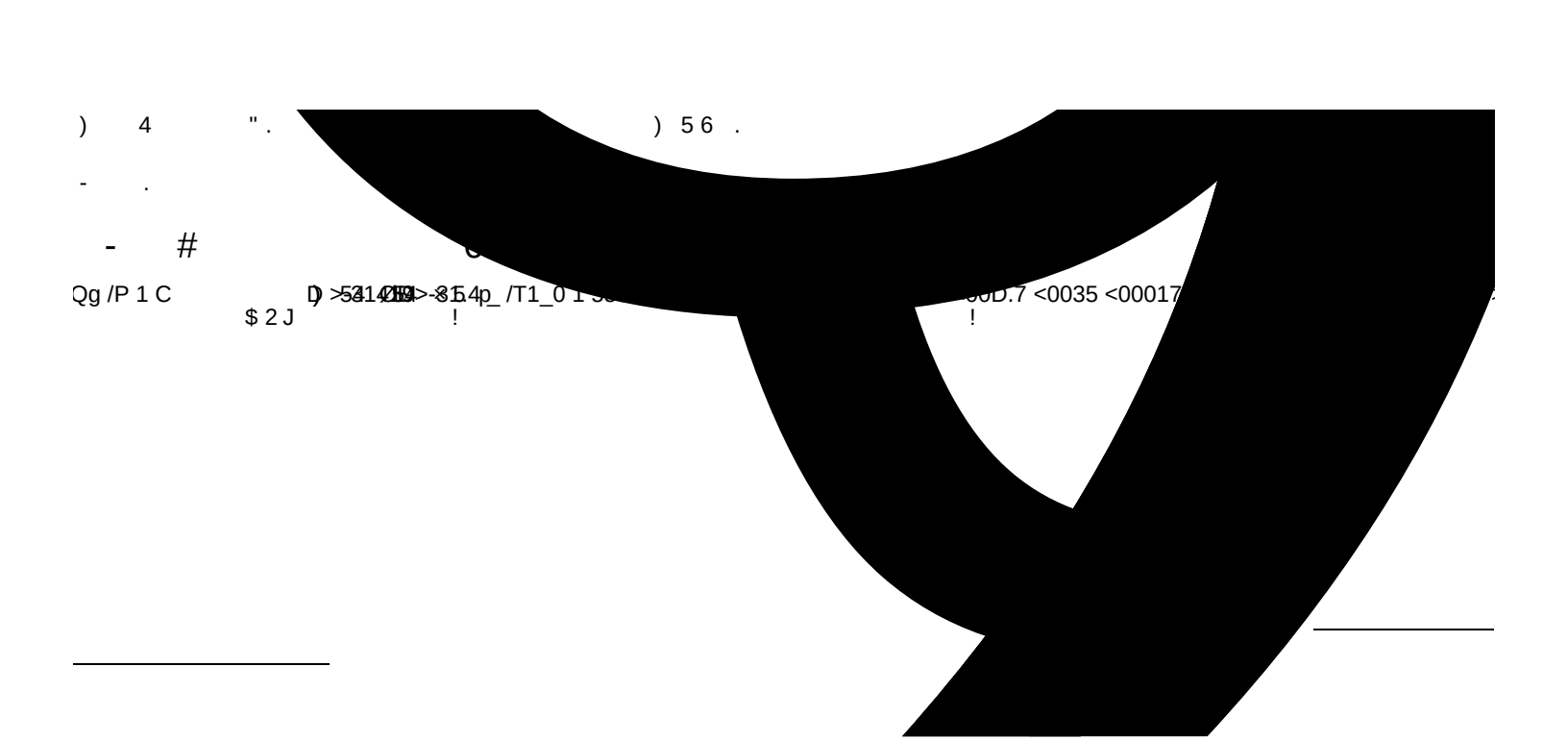

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2024 ICC COMMITTEE ACTION AGENDA (CAH #2) ::: October 2024

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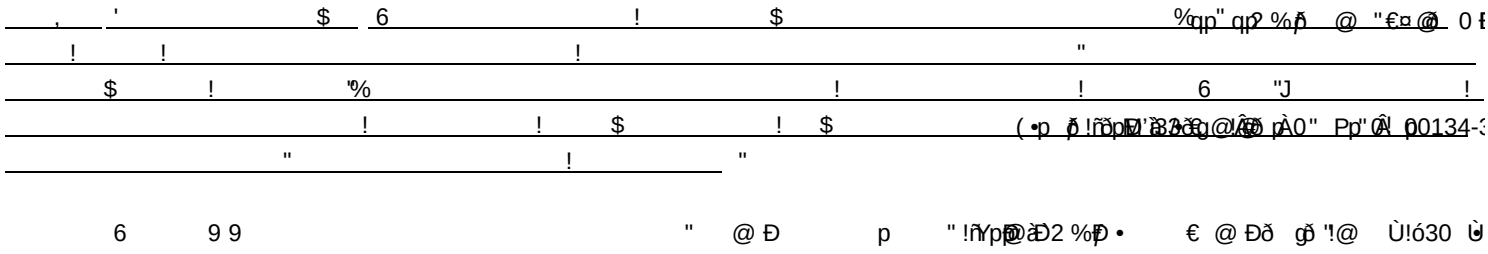

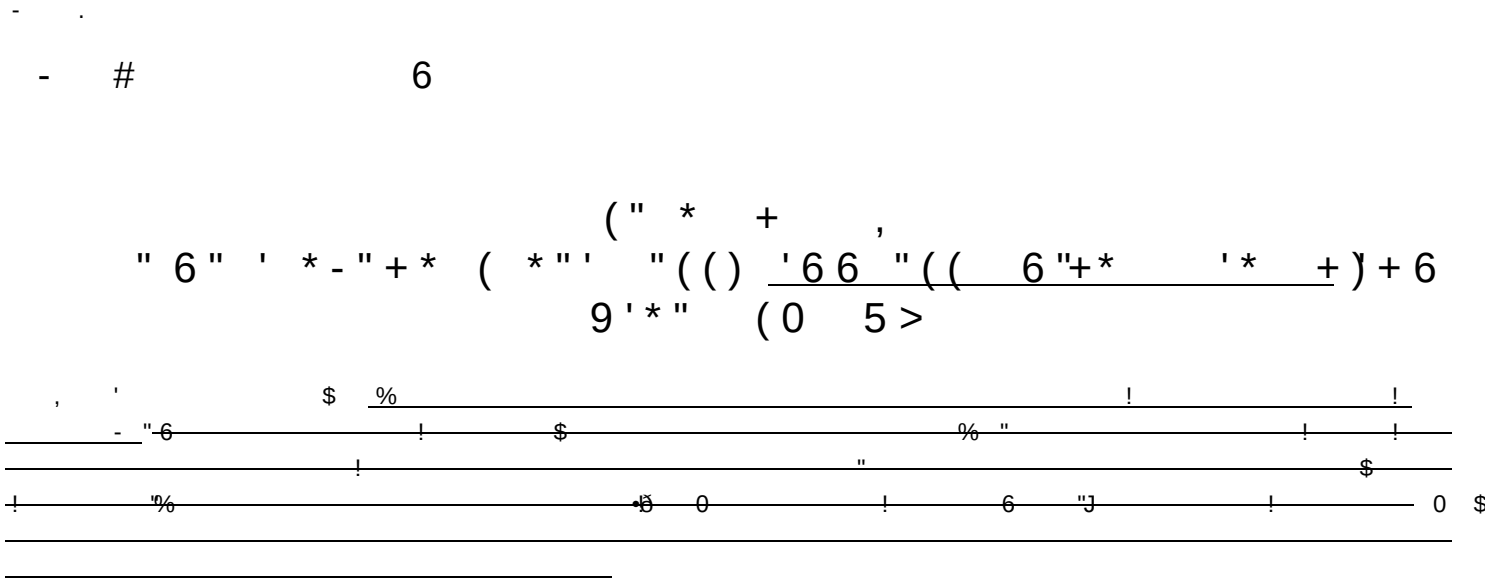

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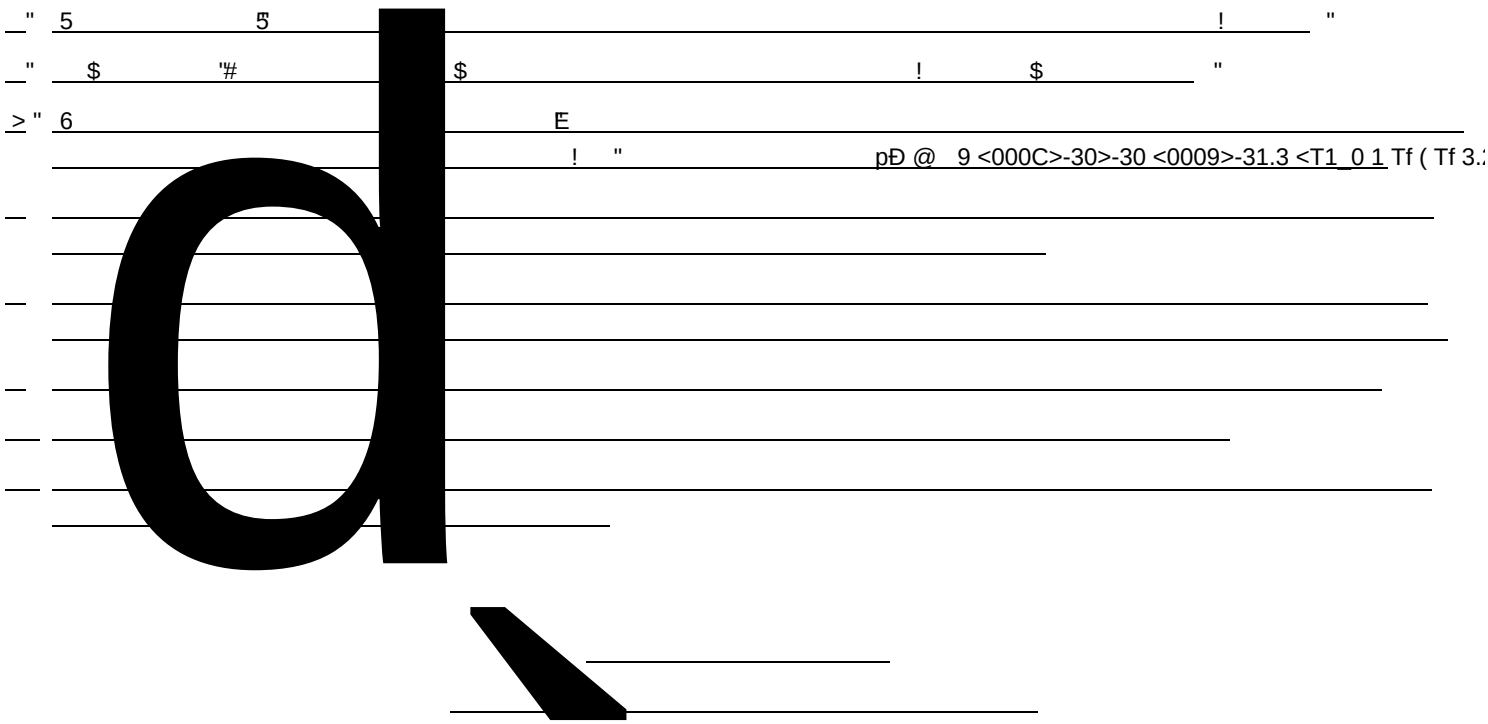

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