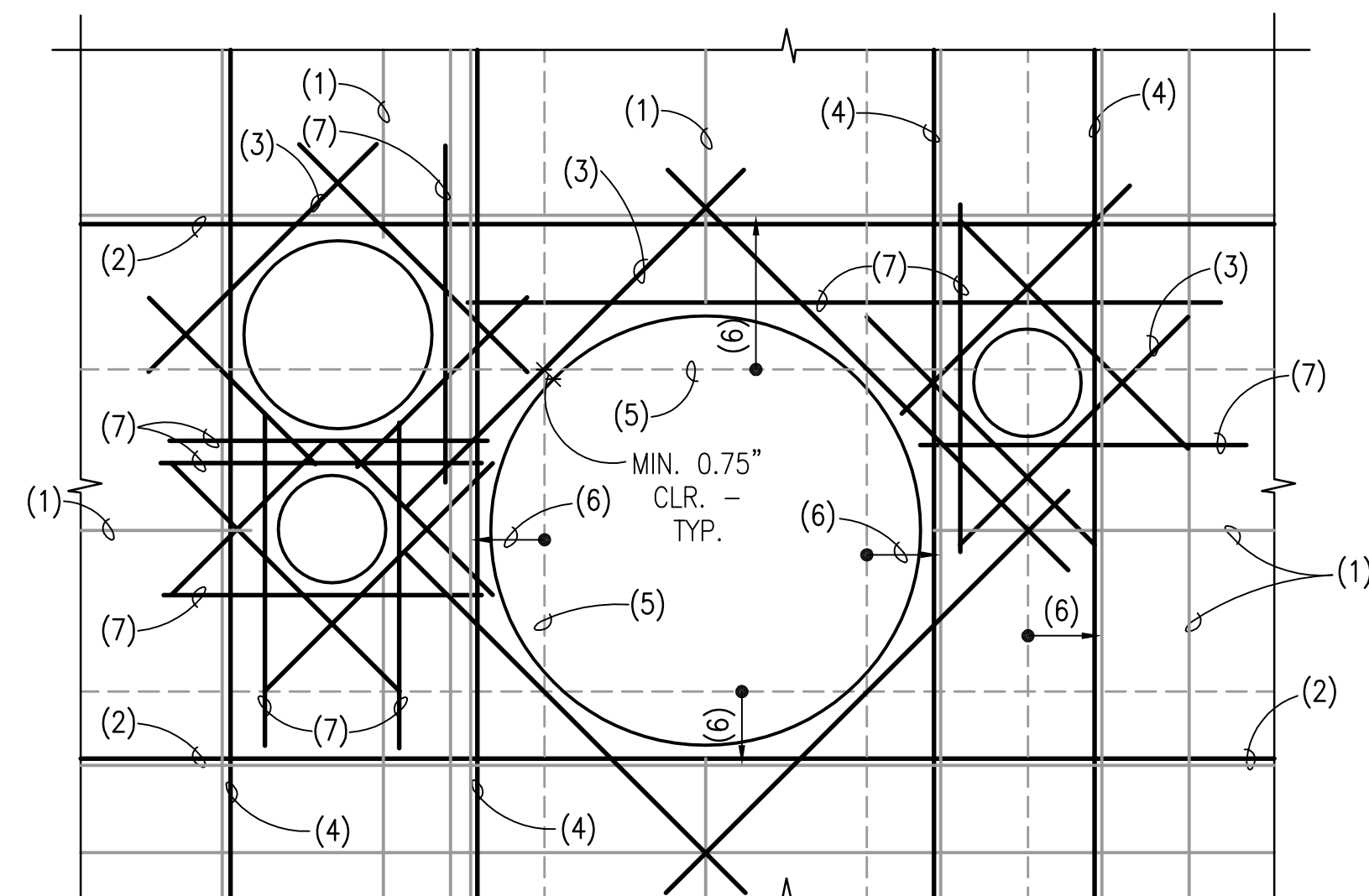


BEST CASE OF ALIGNMENT W/ MAT REINFORCING



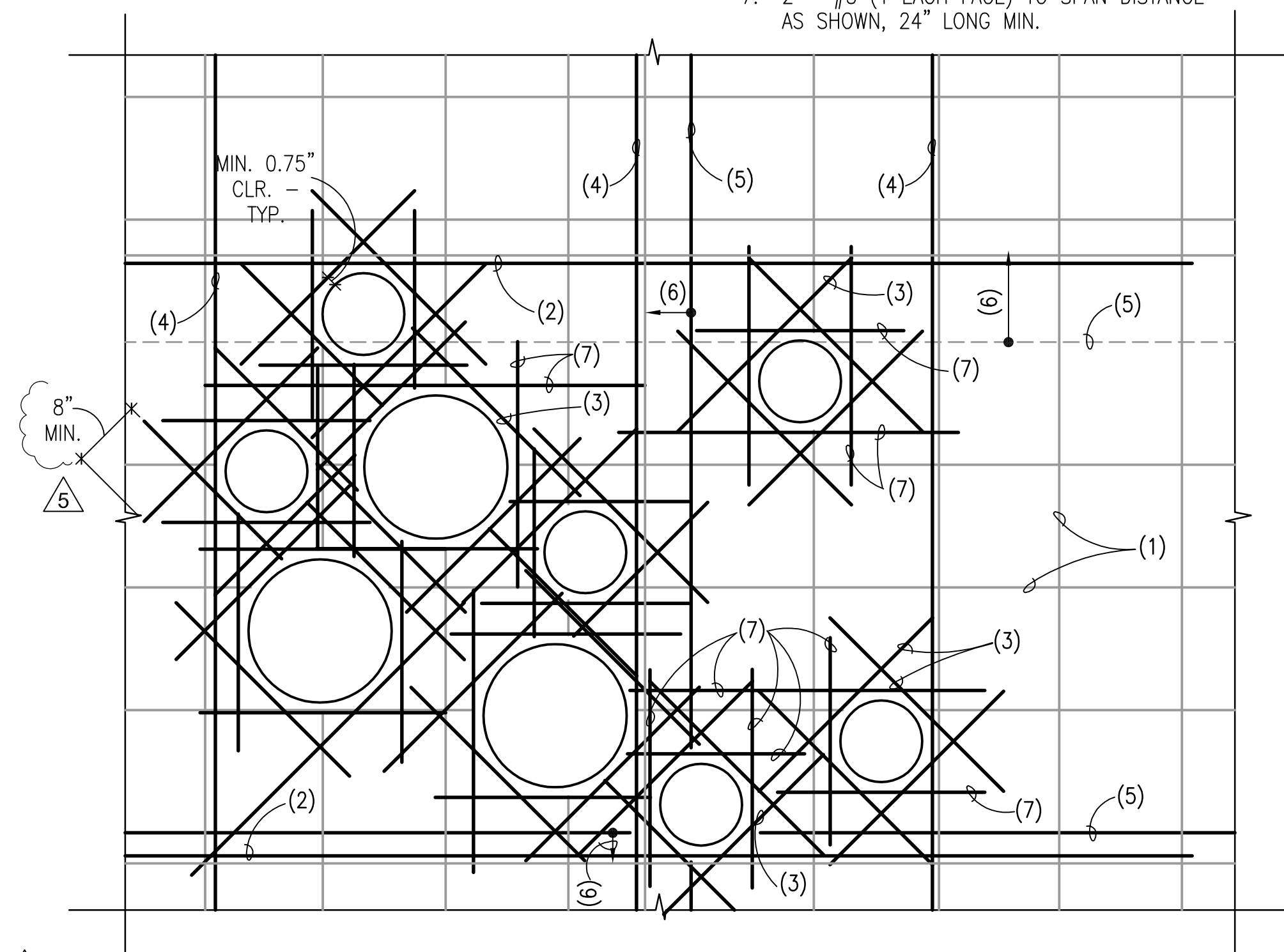
WORST CASE OF ALIGNMENT W/ MAT REINFORCING

515 EXAMPLE OF CIRCULAR WINDOW CLUSTER PERIMETER REINFORCING

NO SCALE

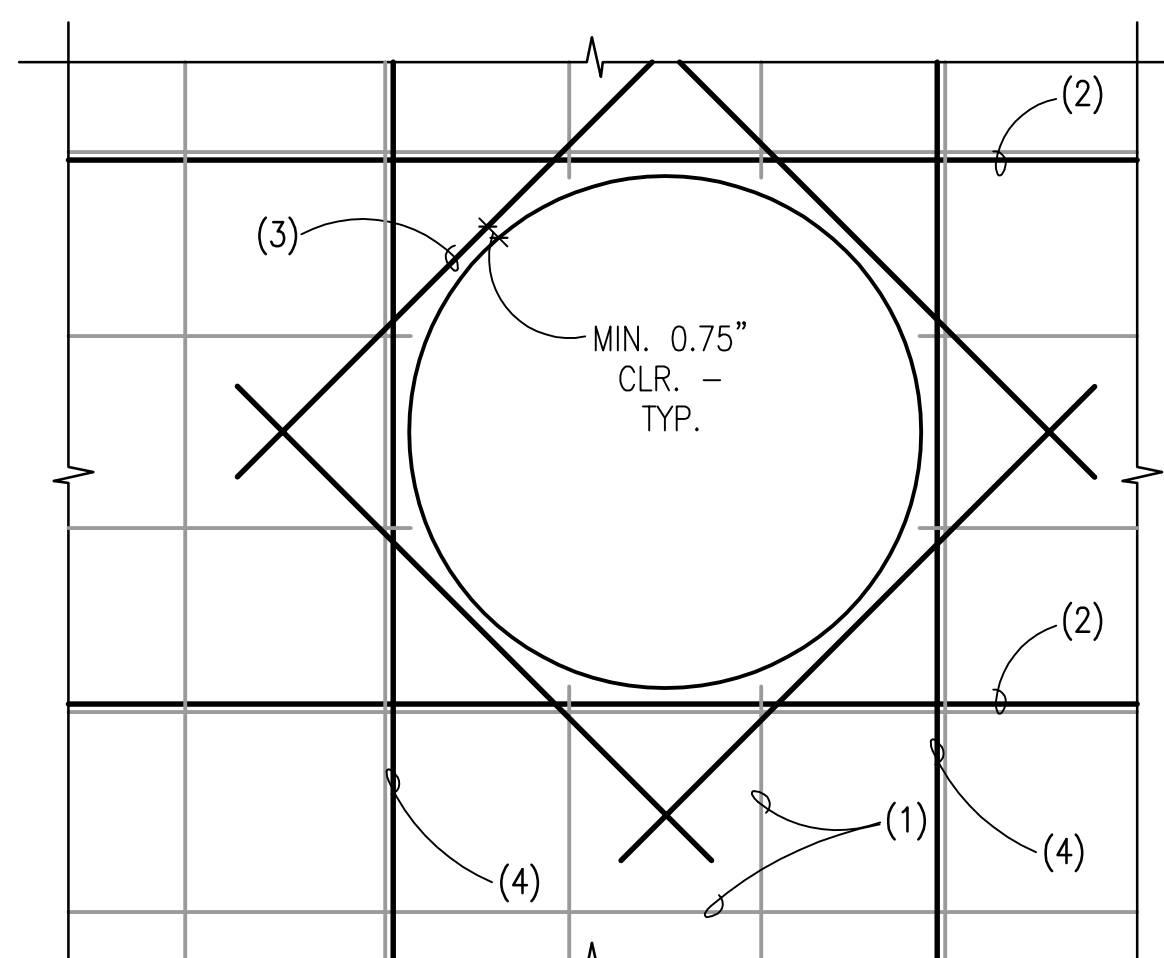
NOTES:

1. REGULAR MAT REINFORCING: #5 AT 12" O.C. AND #4 AT 12" O.C. CENTERED WITHIN PANEL THICKNESS, U.N.O.
2. 2 - #5 x 24" MIN. HORIZONTALS (1 EACH FACE). FULL WIDTH OF PANEL.
3. 2 - #5 AT 45 DEGREES (1 EACH FACE), TYPICAL EACH CORNER.
4. 2 - #5 VERTICALS (1 EACH FACE), FULL HEIGHT OF PANEL.
5. ORIGINAL POSITION OF MAT BAR BEFORE BEING MOVED TO CLEAR OPENING.
6. MOVE MAT VERTICAL AND HORIZONTAL REINFORCING BARS TO AVOID INTERRUPTING THEIR CONTINUITY. DO NOT VIOLATE MINIMUM BAR SPACING - ADD BARS AS NECESSARY.
7. 2 - #5 (1 EACH FACE) TO SPAN DISTANCE AS SHOWN, 24" LONG MIN.

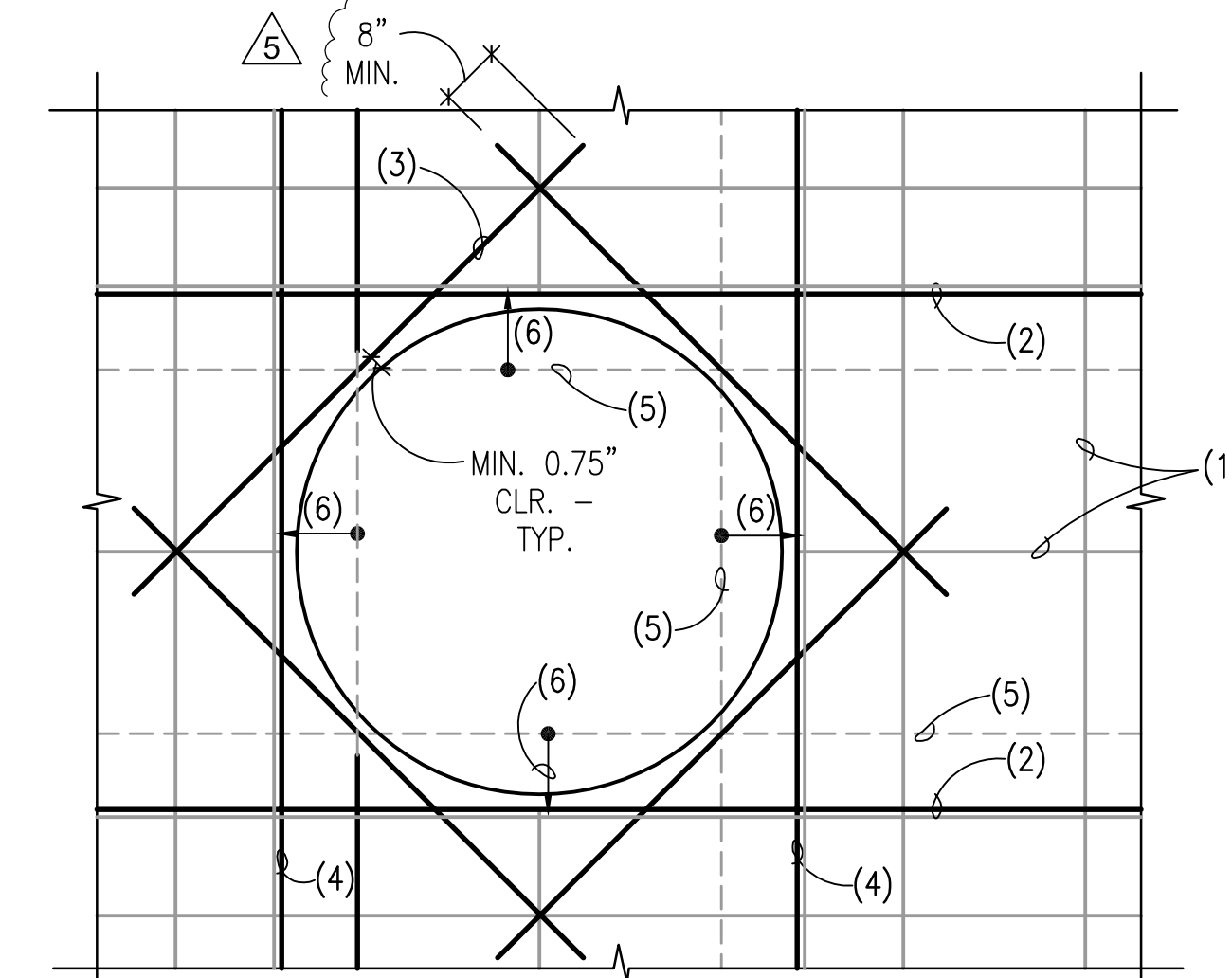


516 EXAMPLE OF CIRCULAR WINDOW CLUSTER PERIMETER REINFORCING

NO SCALE



BEST CASE OF ALIGNMENT W/ MAT REINFORCING



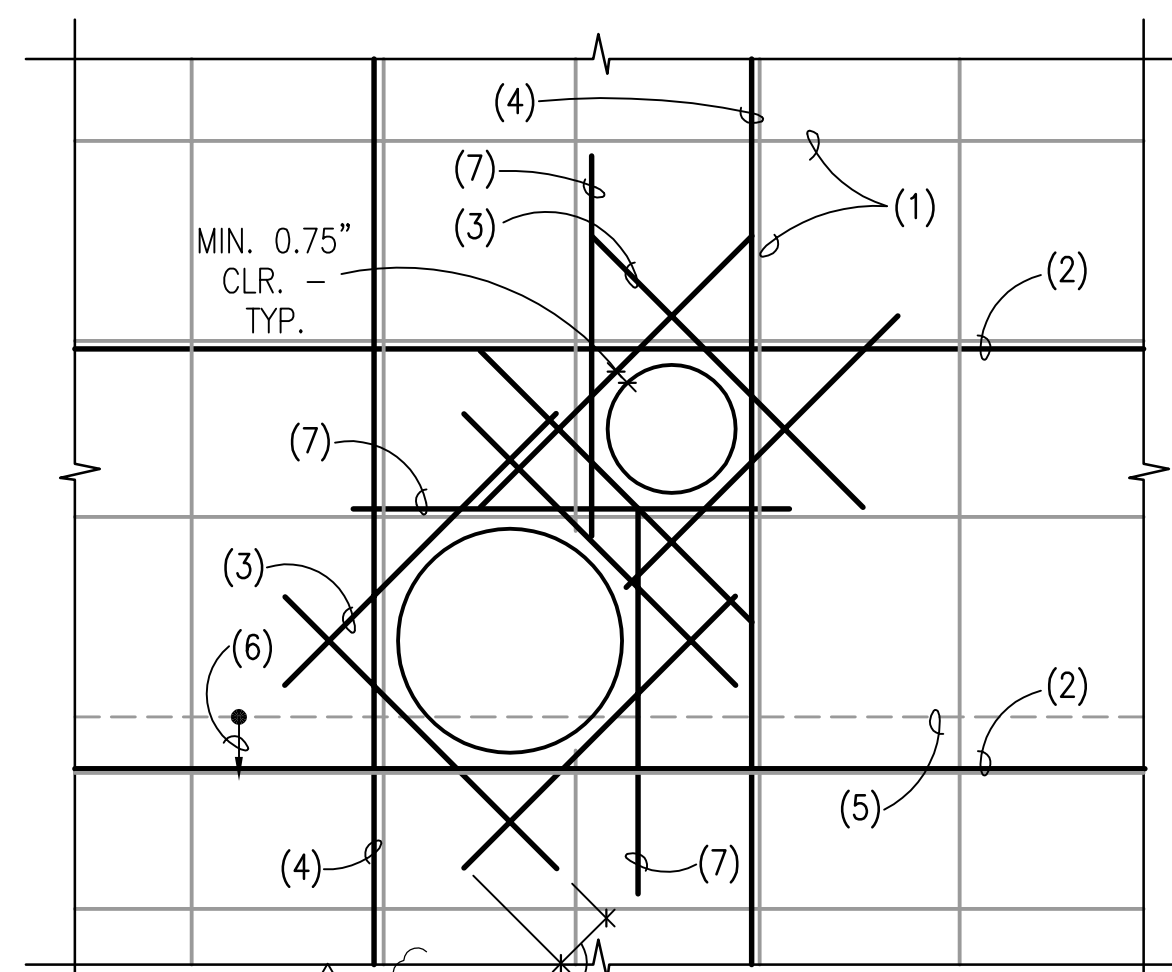
WORST CASE OF ALIGNMENT W/ MAT REINFORCING

513 32" Ø CIRCULAR WINDOW PERIMETER REINFORCING

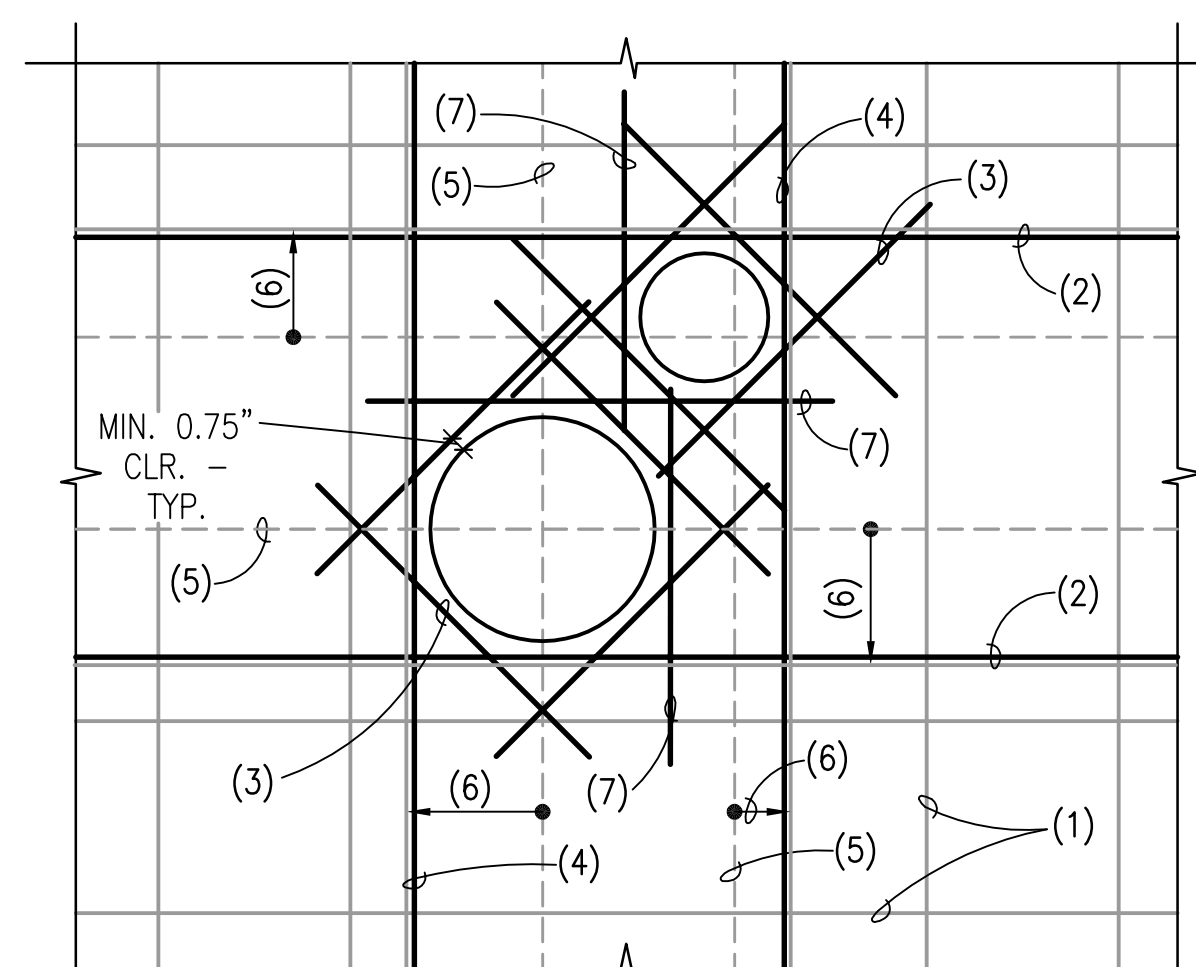
NO SCALE

NOTES:

1. REGULAR MAT REINFORCING: #5 AT 12" O.C. AND #4 AT 12" O.C. CENTERED WITHIN PANEL THICKNESS, U.N.O.
2. 2 - #5 x 24" MIN. HORIZONTALS (1 EACH FACE). FULL WIDTH OF PANEL.
3. 2 - #5 AT 45 DEGREES (1 EACH FACE), TYPICAL EACH CORNER.
4. 2 - #5 VERTICALS (1 EACH FACE), FULL HEIGHT OF PANEL.
5. ORIGINAL POSITION OF MAT BAR BEFORE BEING MOVED TO CLEAR OPENING.
6. MOVE MAT VERTICAL AND HORIZONTAL REINFORCING BARS TO AVOID INTERRUPTING THEIR CONTINUITY. DO NOT VIOLATE MINIMUM BAR SPACING - ADD BARS AS NECESSARY.
7. 2 - #5 (1 EACH FACE) TO SPAN DISTANCE AS SHOWN, MIN. OF 24" LONG.



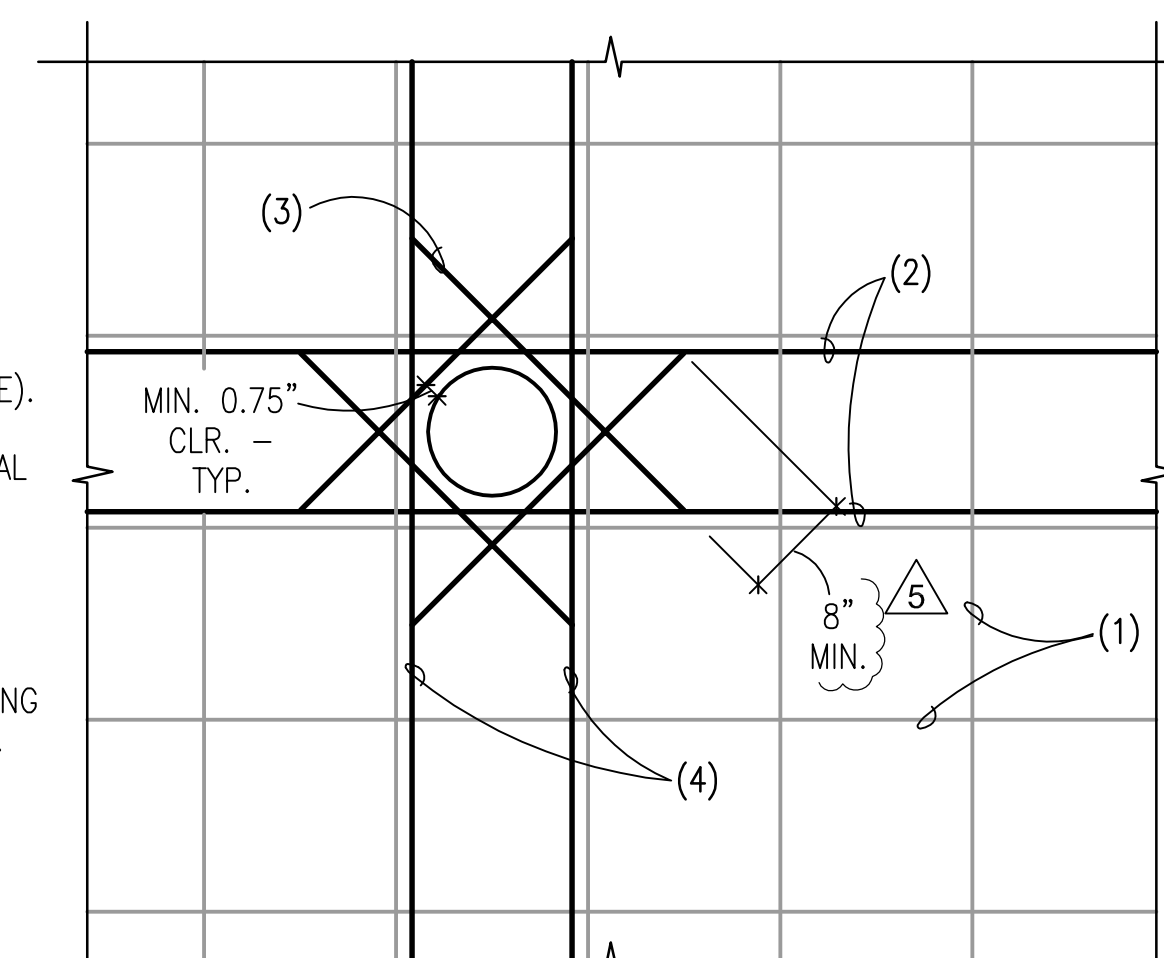
BEST CASE OF ALIGNMENT W/ MAT REINFORCING



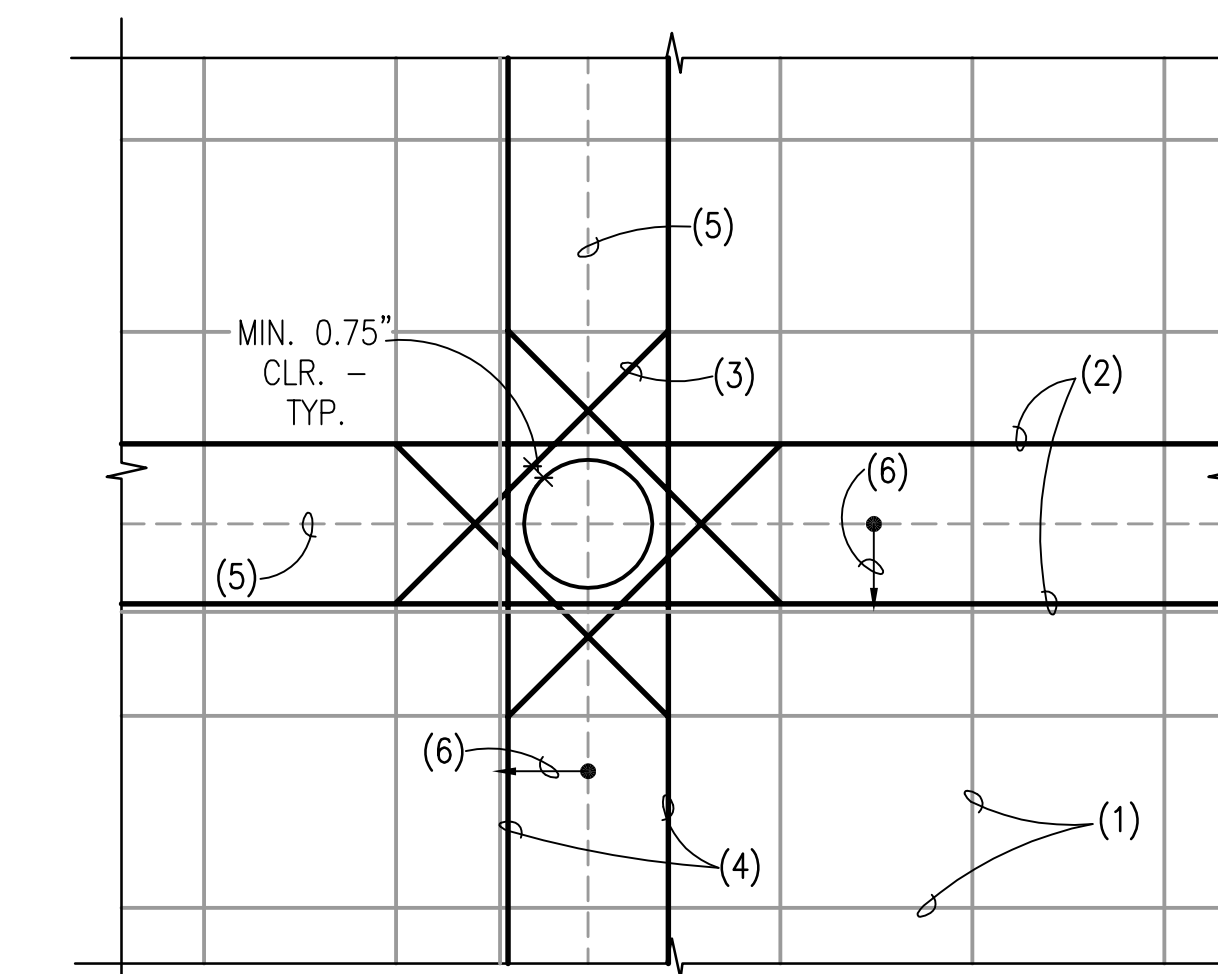
WORST CASE OF ALIGNMENT W/ MAT REINFORCING

514 EXAMPLE OF CIRCULAR WINDOW CLUSTER PERIMETER REINFORCING

NO SCALE



BEST CASE OF ALIGNMENT W/ MAT REINFORCING



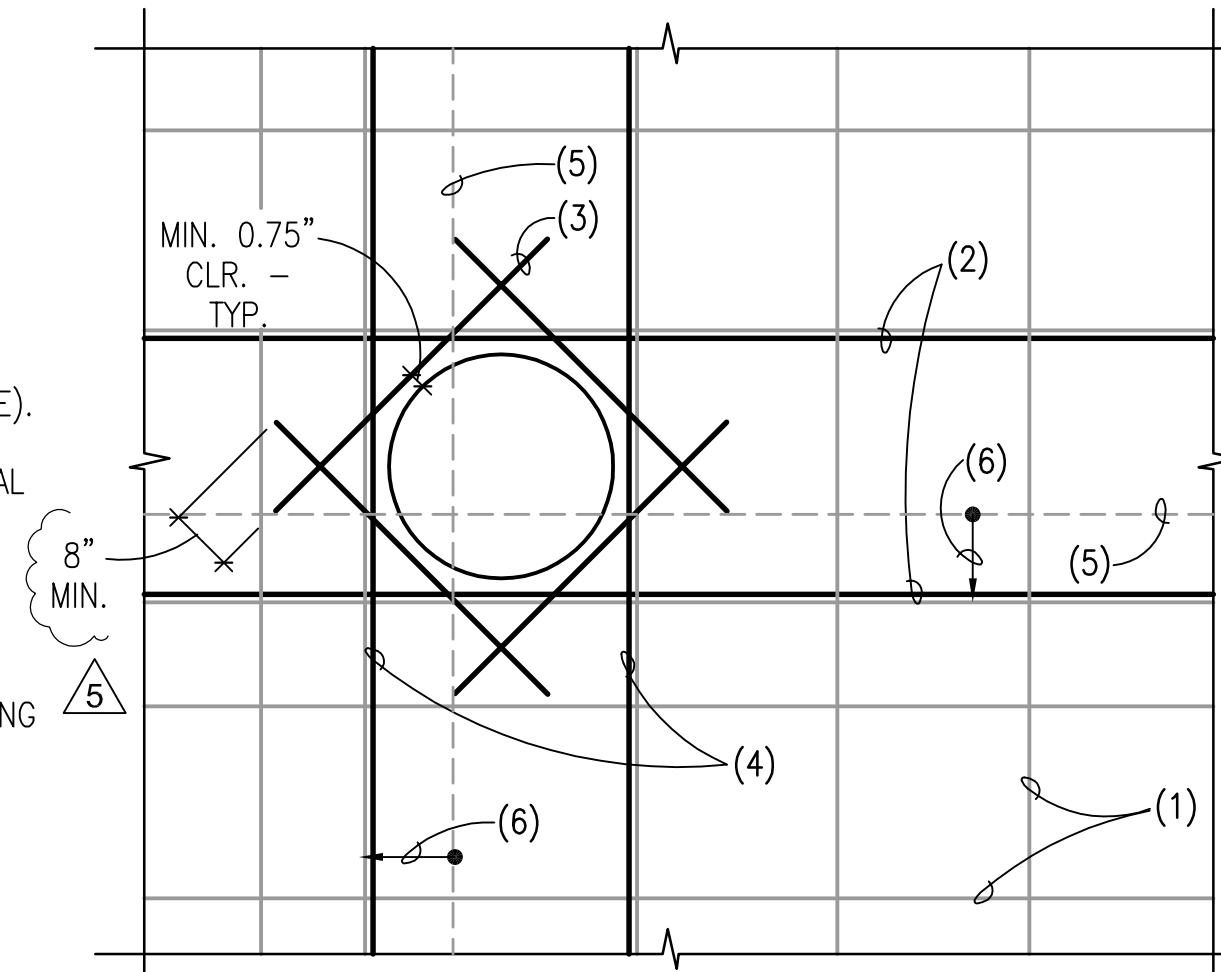
WORST CASE OF ALIGNMENT W/ MAT REINFORCING

511 8" Ø CIRCULAR WINDOW PERIMETER REINFORCING

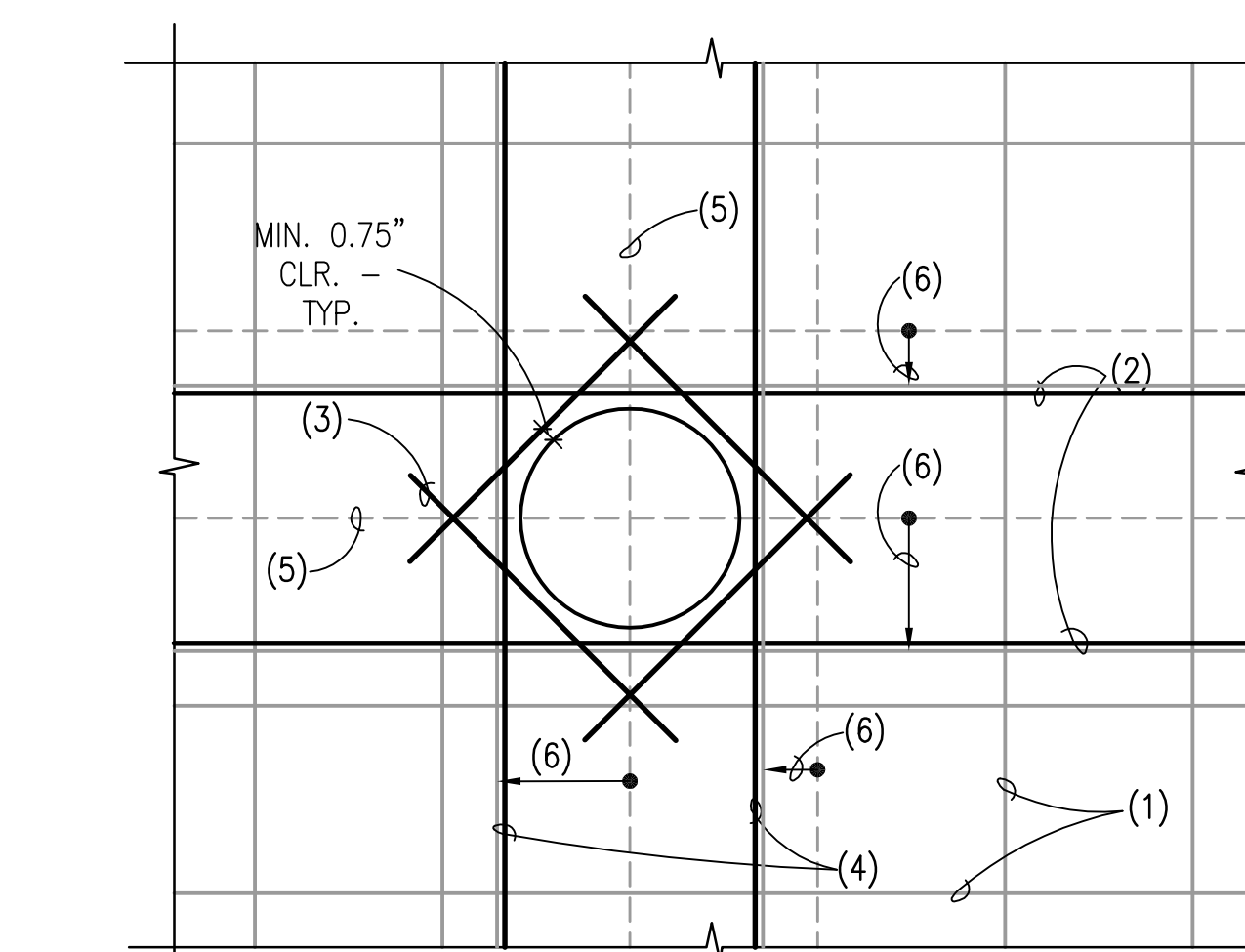
NO SCALE

NOTES:

1. REGULAR MAT REINFORCING: #5 AT 12" O.C. AND #4 AT 12" O.C. CENTERED WITHIN PANEL THICKNESS, U.N.O.
2. 2 - #5 x 24" MIN. HORIZONTALS (1 EACH FACE). FULL WIDTH OF PANEL.
3. 2 - #5 AT 45 DEGREES (1 EACH FACE), TYPICAL EACH CORNER.
4. 2 - #5 VERTICALS (1 EACH FACE), FULL HEIGHT OF PANEL.
5. ORIGINAL POSITION OF MAT BAR BEFORE BEING MOVED TO CLEAR OPENING.
6. MOVE MAT VERTICAL AND HORIZONTAL REINFORCING BARS TO AVOID INTERRUPTING THEIR CONTINUITY. DO NOT VIOLATE MINIMUM BAR SPACING - ADD BARS AS NECESSARY.



BEST CASE OF ALIGNMENT W/ MAT REINFORCING



WORST CASE OF ALIGNMENT W/ MAT REINFORCING

512 14" Ø CIRCULAR WINDOW PERIMETER REINFORCING

NO SCALE

CERTIFICATIONS		
KEY PLAN		
REVISION NOTES		
MARK	DATE	DESCRIPTION
Δ	06/28/10	DESIGN CLARIFICATION