

- NOTES:
- A. CONCRETE TO BE 30MPA COMPRESSIVE STRENGTH AT 28 DAYS WITH 5-8% AIR ENTRAINMENT.
 - B. REINFORCING BAR TO HAVE 75mm COVER \pm 20mm.
 - C. 25mm CHAMFERS ON ALL EXPOSED EDGES.
 - D. OPSD 3940.150 INCLUDED.
 - E. PRECAST CONCRETE CHUTE BLOCKS 300X200X100mm HIGH AND PLACED AS REQUIRED (OPTIONAL).
 - F. GRANULAR BACKFILL TO BE PLACED TO 300mm MINIMUM THICKNESS ON ALL SIDES.
 - G. GROUTING IS REQUIRED AROUND PIPE ONLY.
 - H. ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN.



INTERNATIONAL EROSION CONTROL SYSTEMS

22253 Hoskins Line
Rodney, ON, N0L 2C0

Phone: 800-821-7462
Fax: 866-496-1990

www.iecs.com

900 PIPE DIAMETER
4 PIECE HEADWALL CONFORMS TO 804.04 OPSD

DRAWN BY:

D. JOHNSTON

CHECKED BY:

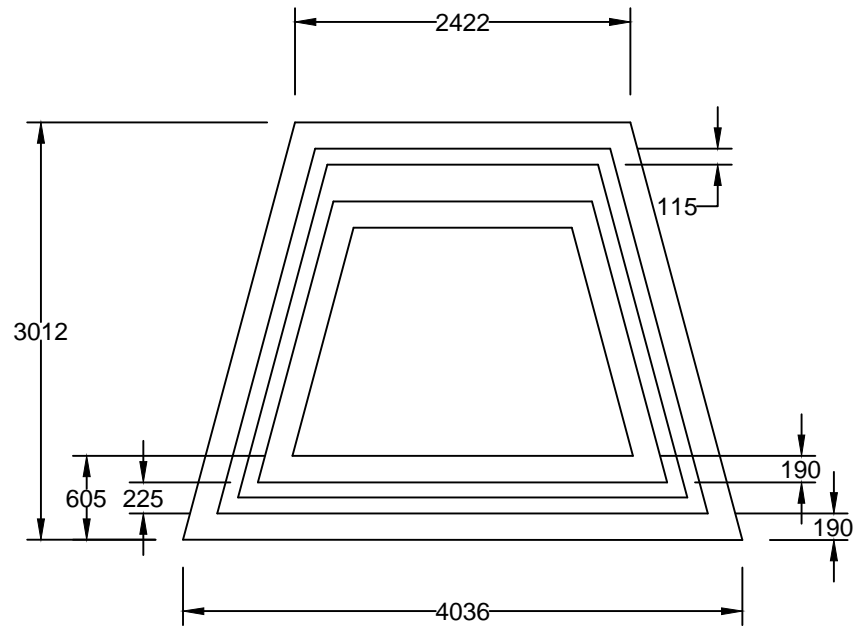
L. ARVAI

SCALE: N.T.S

DATE: 03/18/13

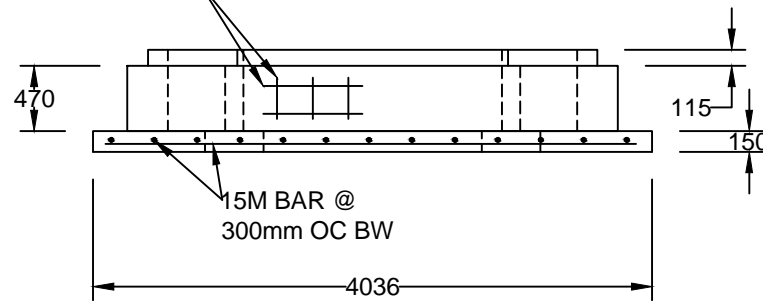
SHEET 1 OF 5

SECTION A



TOP VIEW

15M BAR @ 300mm OC BW



FRONT VIEW



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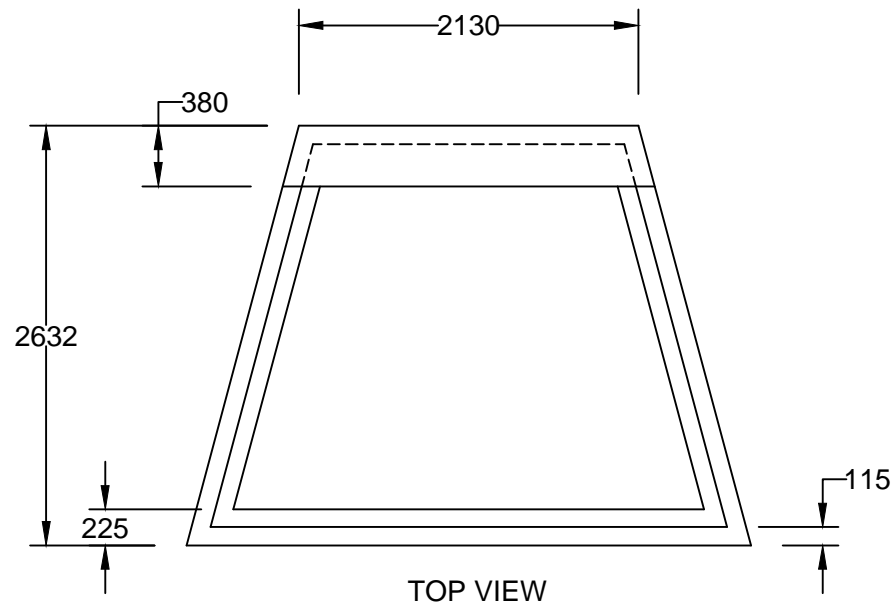
L. ARVAI

SCALE: N.T.S

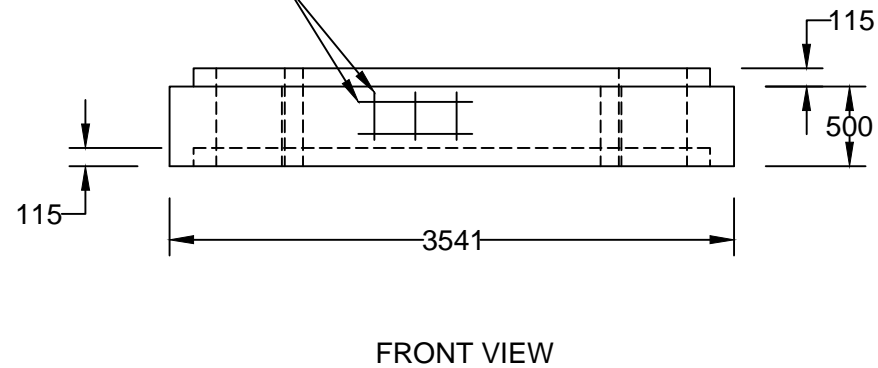
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SECTION B



15M BAR@ 300mm OC BW



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SHEET 3 OF 5

Technical drawing of a trapezoidal slab. The top width is 2130. The total height is 2632. The top edge has a thickness of 127. The bottom edge has a thickness of 127. The left side has a height of 380 and a width of 89. The right side has a height of 127. The slab contains a grid of rectangular bars. A circular inset shows a detail of the bars, labeled "15M BAR" and "15M BAR BOTH WAYS". The inset also shows a "TOP VIEW" and a "SIDE VIEW" of the bar arrangement. The side view shows a bar diameter of 100 and a spacing of 330. The top view shows a bar diameter of 100 and a spacing of 300. The bottom view shows a bar diameter of 200 and a spacing of 300. The bottom edge is labeled "FLOOR".

15M BAR@ 300mm OC BW

BW

115

225

3541

1620

230

455

667

4 STRUT $\frac{3}{4}$ " COIL INSERT CAST IN DURING MANUFACTURING

SECTION C

SECTION D

STEEL PLATE WASHER

5"X5"X $\frac{1}{4}$ "

$\frac{3}{4}$ " COIL ROD (AUS 30,000LBS)

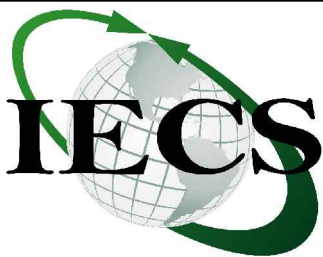
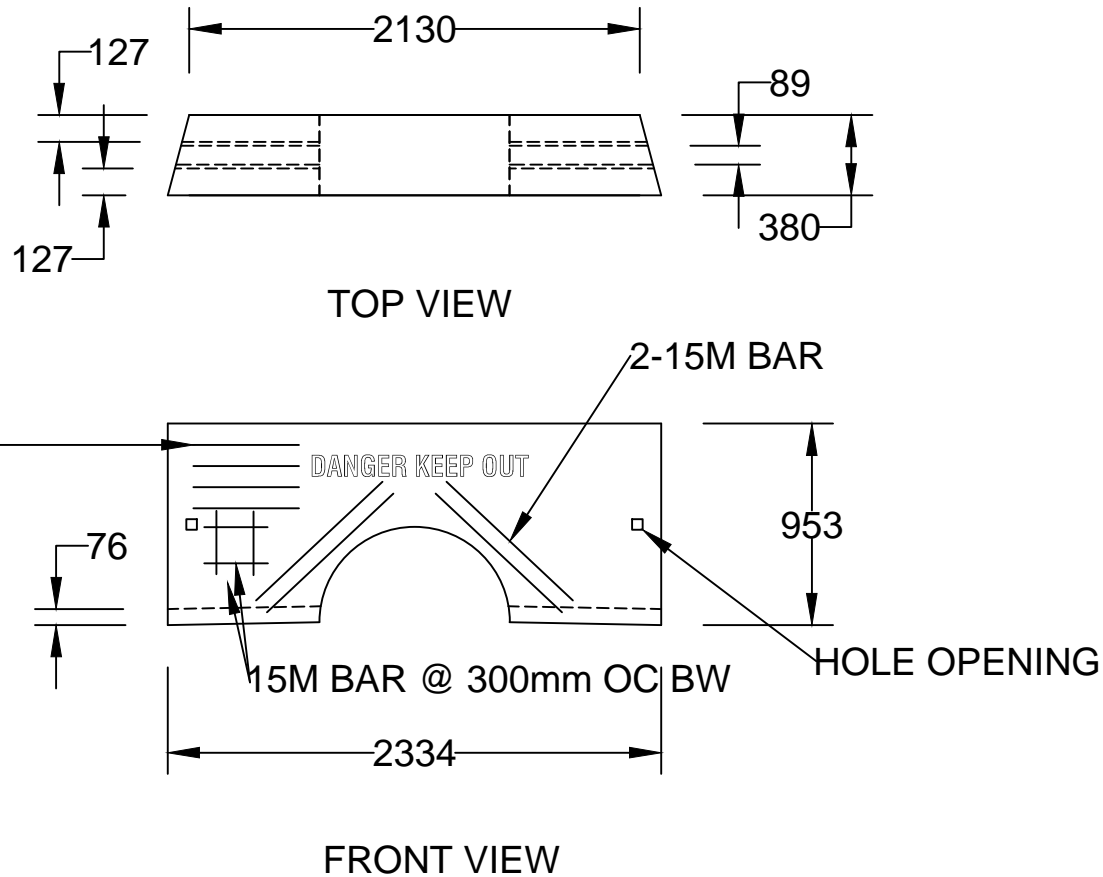
$\frac{3}{4}$ " COIL HEX NUT



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SECTION D



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SHEET 5 OF 5