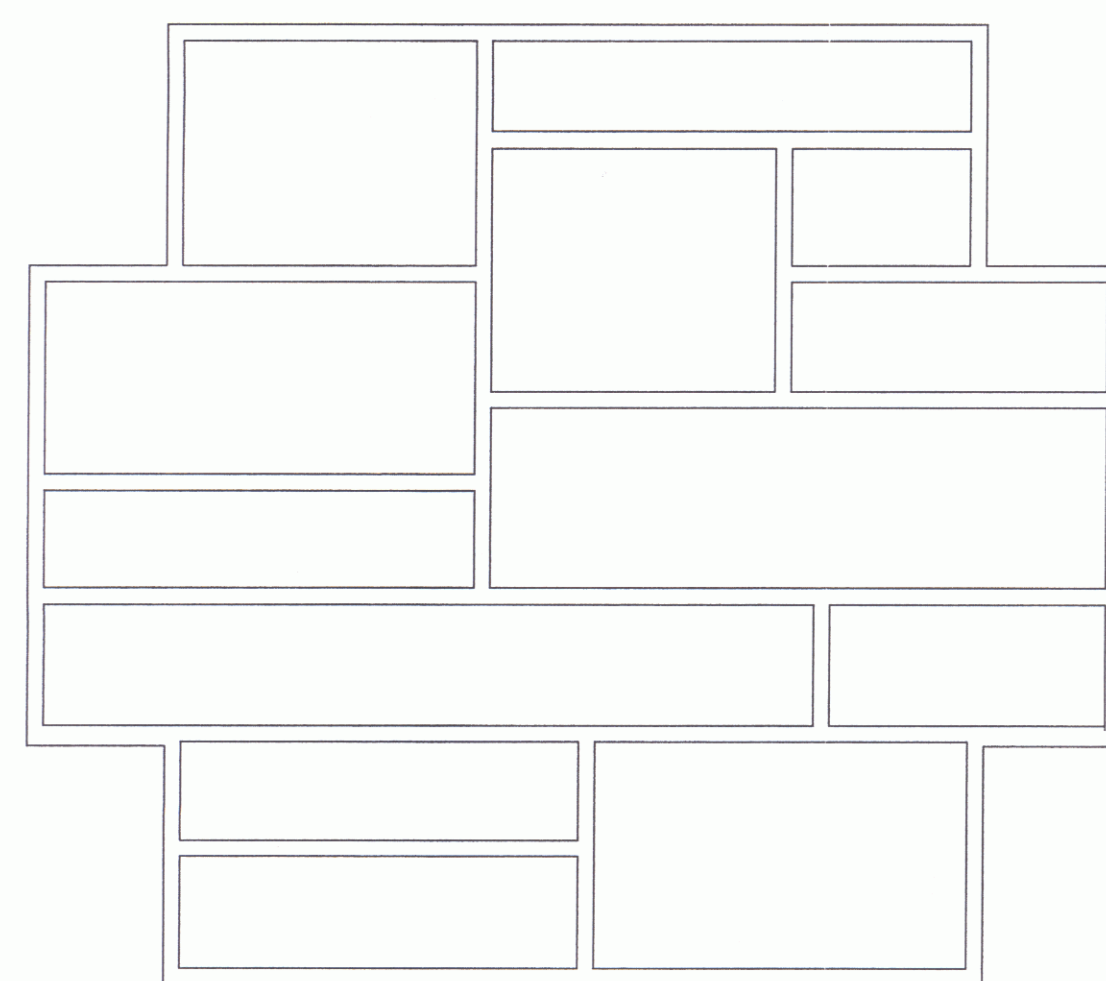
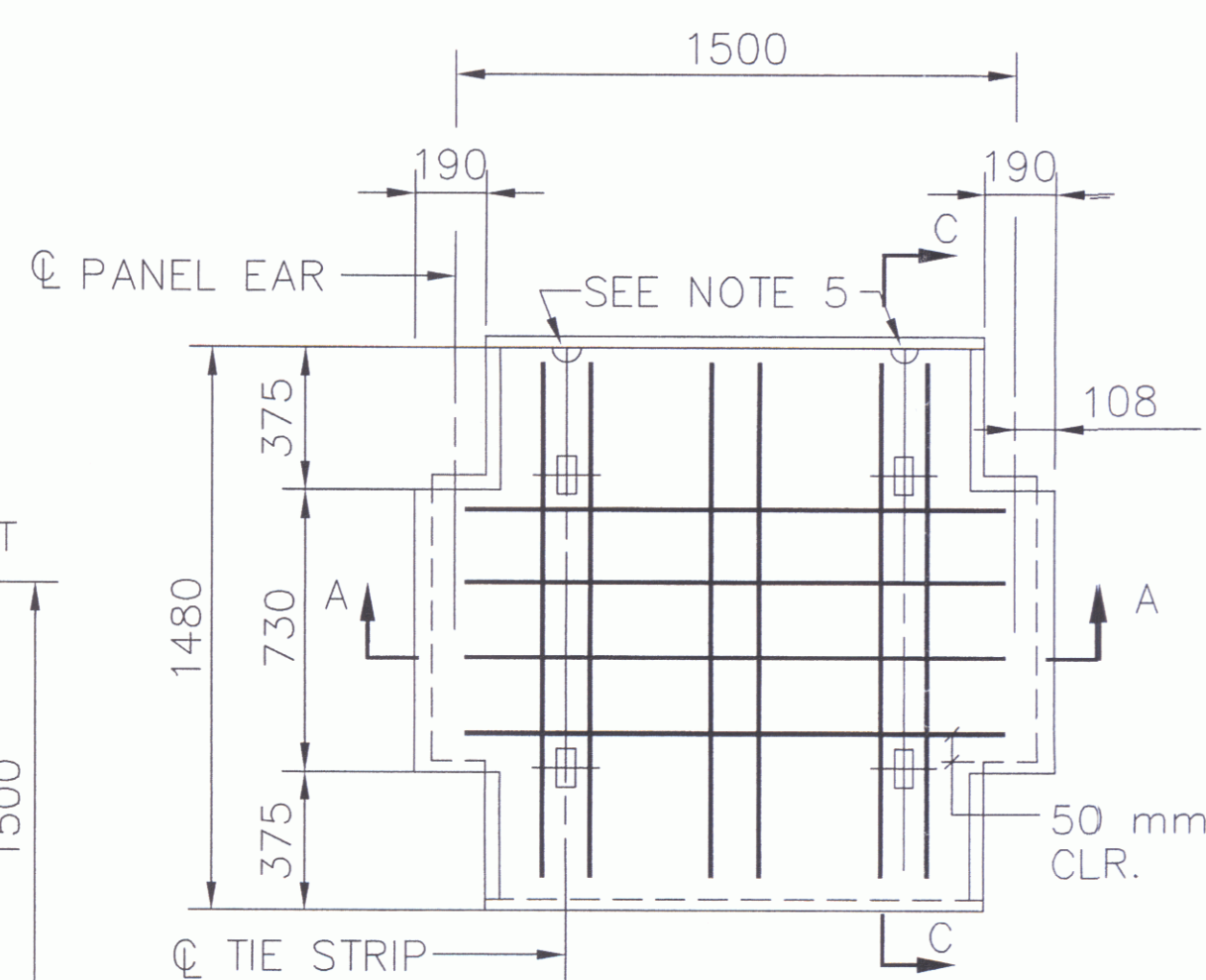


**TYPICAL PANEL LAYOUT
PARTIAL ELEVATION - FRONT FACE**
SCALE 1:25

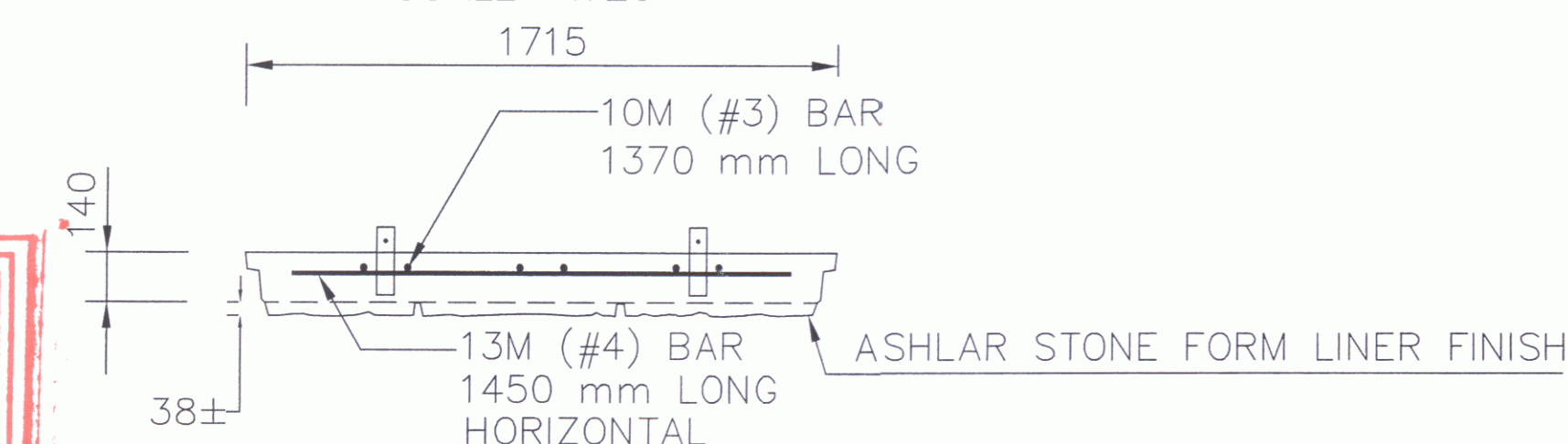


ASHLAR STONE PANEL FINISH
PANEL TYPE A
(LOOKING AT PANEL FACE)

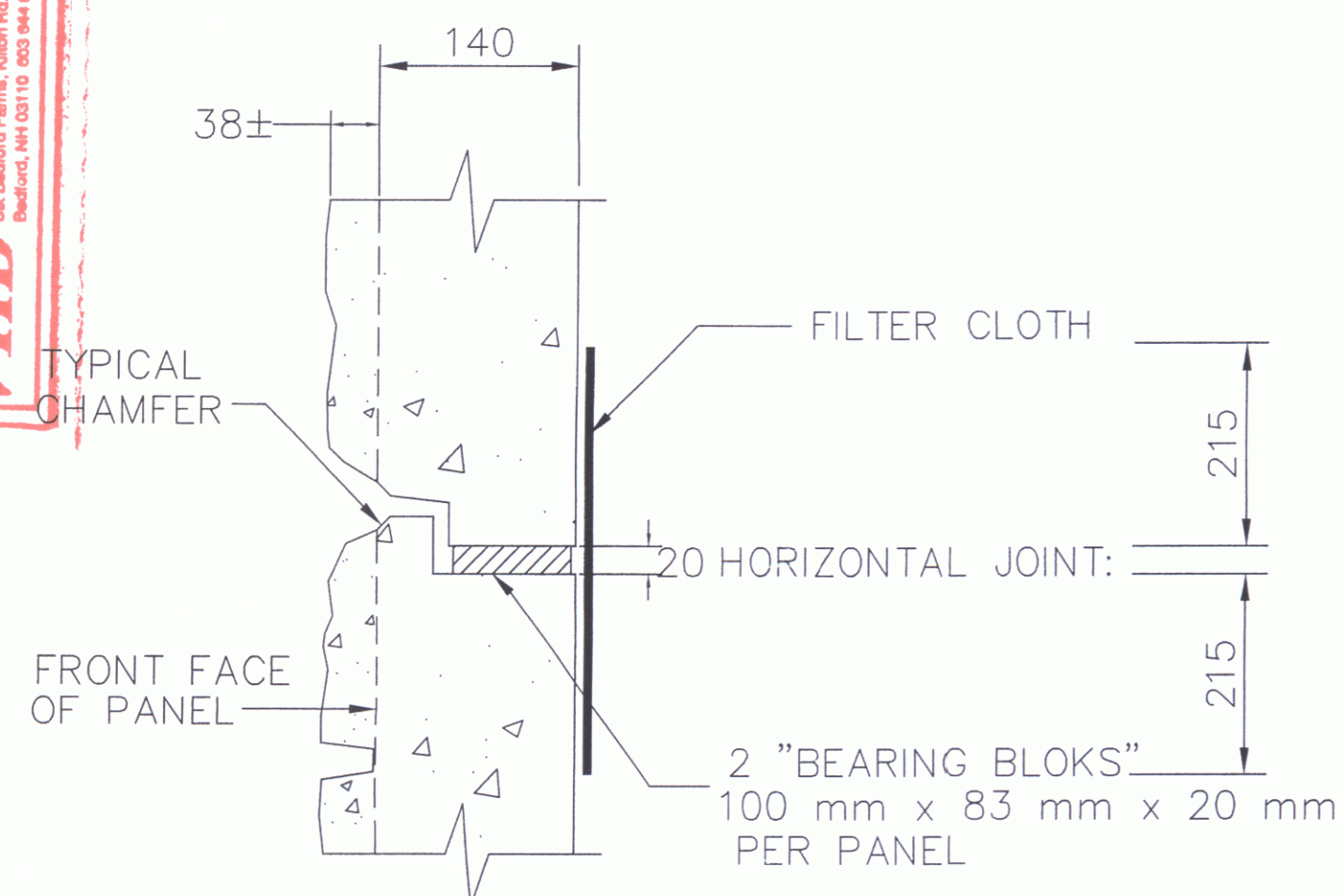
ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE



**PANEL TYPE "A"
WITH R6 REINFORCEMENT
BACK FACE VIEW**
SCALE 1:20

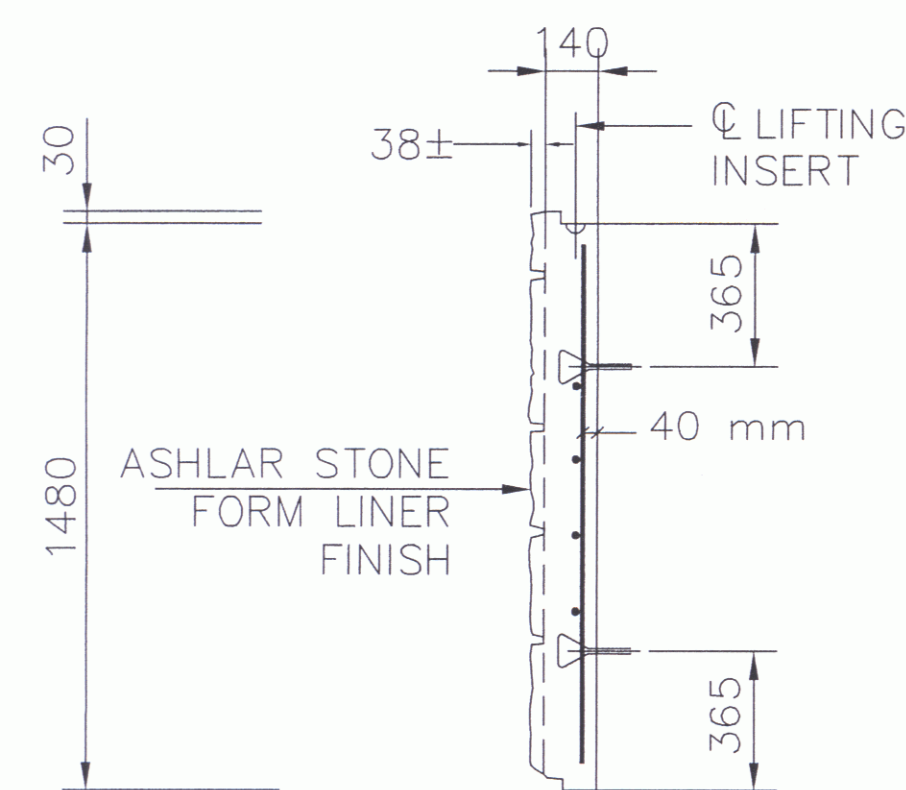


SECTION A-A
SCALE 1:20



SECTION 1-1
SCALE 1:5

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE

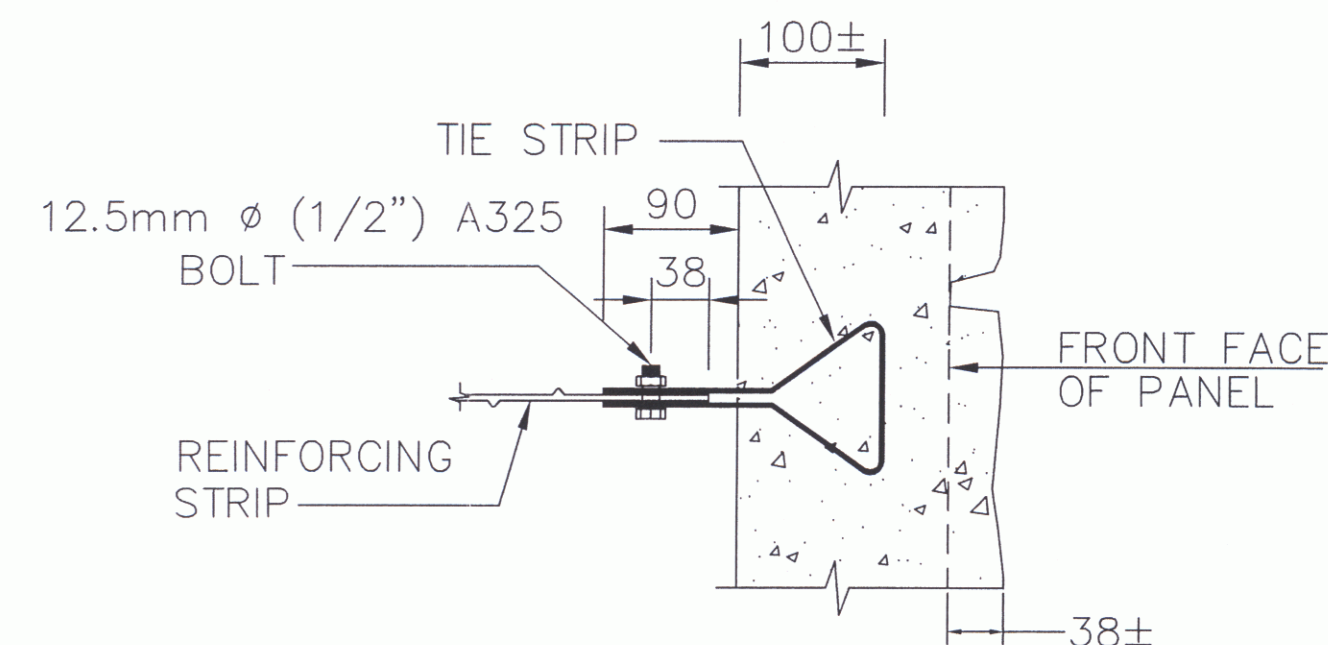


SECTION C-C
SCALE 1:20

PANEL THICKNESS	REINFORCEMENT DESIGNATION	PANEL REINFORCEMENT	MAXIMUM ALLOWABLE HORIZONTAL STRESS AT FACING (KPa)
140+38	R6	6-10M(#3) ϕ VERT. 4-13M(#4) ϕ HORIZ.	77 kPa
140+38	R7	6-13M(#4) ϕ VERT. 4-19M(#6) ϕ HORIZ.	122 kPa

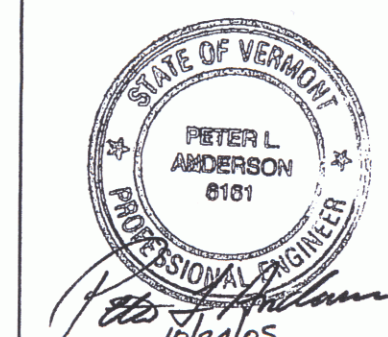
NOTES:

- REINFORCING STEEL TO BE A615 GRADE 420. EPOXY COATED
- 28 DAY COMPRESSIVE STRENGTH OF CONCRETE = 27.6 MPa
- 10 mm x 10 mm CHAMFER SHALL BE PROVIDED ON ALL EXPOSED EDGES (FRONT FACE ONLY).
- ALL PANEL TYPES AND OTHER RELATED ELEMENTS WILL BE DETAILED ON SHOP DRAWINGS.
- ALL PANELS SHALL HAVE TWO LIFTING INSERTS OF ONE TON CAPACITY EACH.
- FACING PANEL FINISH SHALL BE AN ASHLAR STONE FORM LINER FINISH. RECO FORMLINER IS BASED ON SYMONS F/C 30664. CONCRETE COLOR SHALL BE LIGHT GREY.
- PANEL DESIGN THICKNESS IS 140 mm.
- BEARING BLOKS SHALL BE EPDM RUBBER PADS WITH DUROMETER HARDNESS OF 80±5, CONFORMING TO ASTM D2000.
- SHIMS SHALL BE EPDM RUBBER PADS WITH DUROMETER HARDNESS OF 80±5, CONFORMING TO ASTM D2000. NOMINAL DIMENSION OF SHIM IS 50mm X 85mm X 5mm THICK.
- SEE CONSTRUCTION MANUAL FOR ADDITIONAL INFORMATION.



CONNECTION DETAIL
SCALE 1:5

CERTIFIED WITH RESPECT TO THE INTERNAL STABILITY OF REINFORCED EARTH STRUCTURES ONLY



VT AOT PROJ. NO. BRM 5600(6)S C/2

G:\PROJ\NE\11746\FINAL\11746 STANDARD_PANELS.DWG

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"REINFORCED EARTH" is the registered trademark of The Reinforced Earth Company.

DESIGNED BY:	PROJECT ENGR:	CHECKED BY:	ENG. MANAGER	REV.	DATE	DESCRIPTION
JMKC	JMKC	KPB		1	10-24-05	REVISED AS PER VHB REVIEW COMMENTS 10-7-05

PROJECT NAME	LOCATION	OWNER	DRAWING COVERS	DATE	CONTRACT NO.	DRAWING NO.	SCALE
TH 4/3 LIME KILN BRIDGE	TOWN OF COLCHESTER CHITTENDEN COUNTY, VERMONT	VT AOT	STANDARD PANELS	9/7/2005	11746	5 OF 5	AS SHOWN