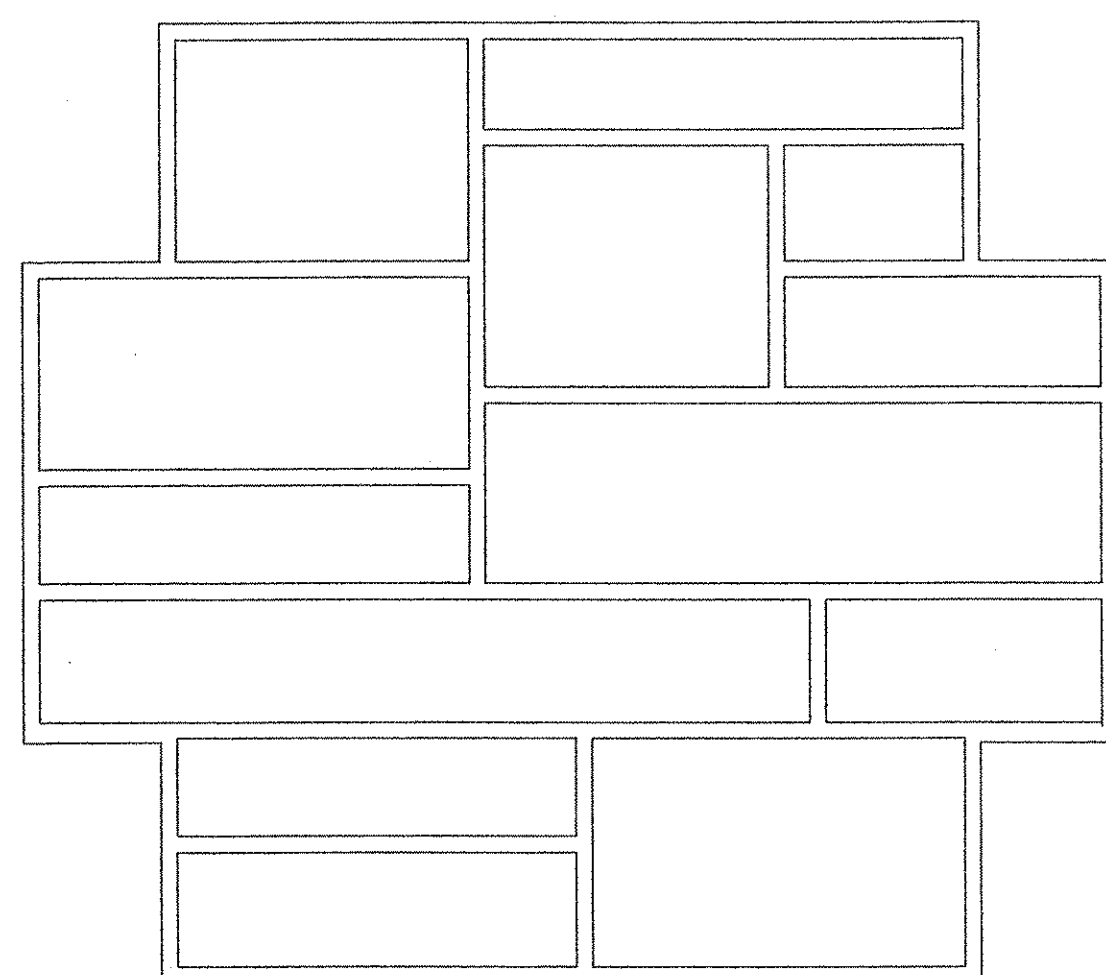


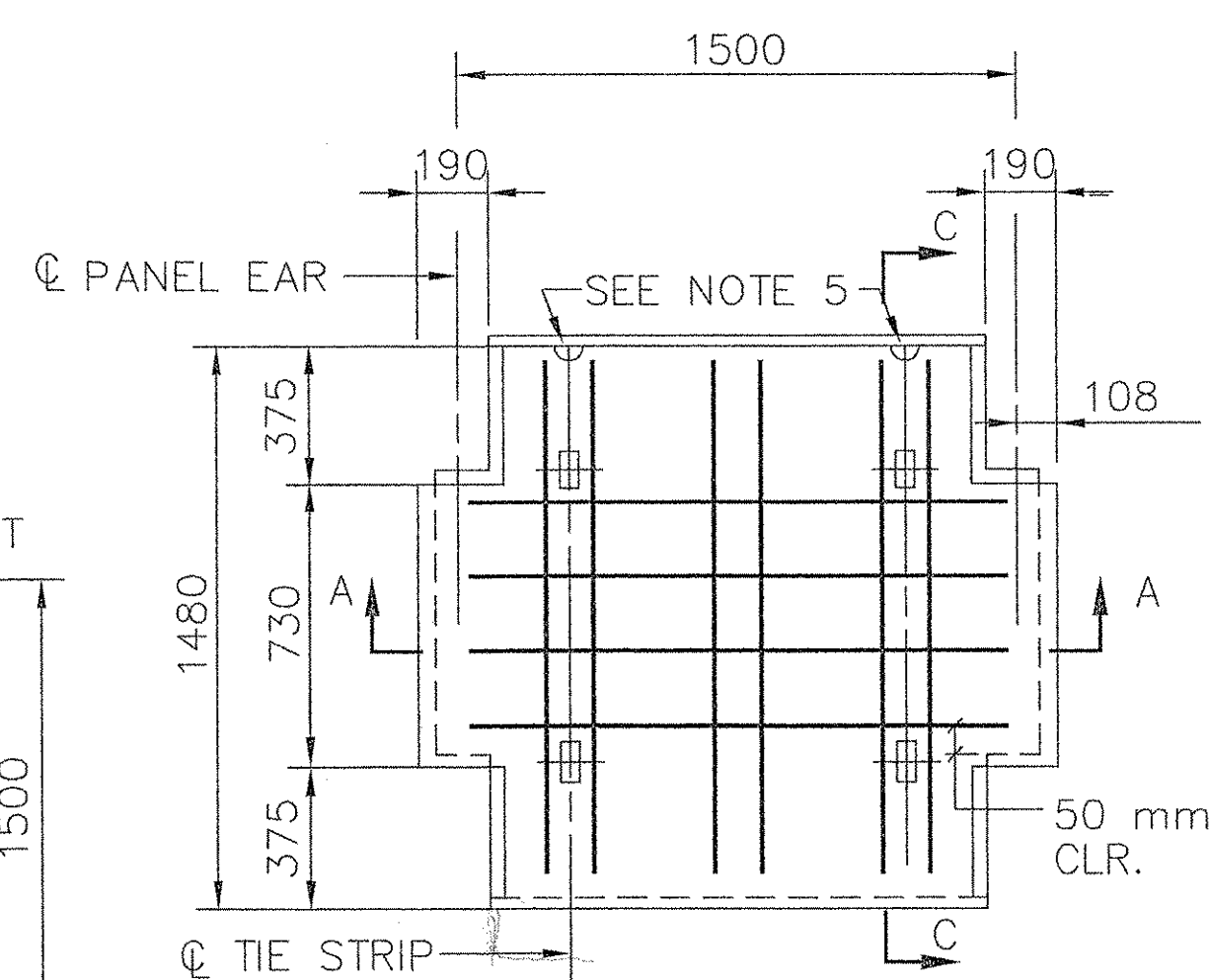
**TYPICAL PANEL LAYOUT
PARTIAL ELEVATION - FRONT FACE**

SCALE 1:25



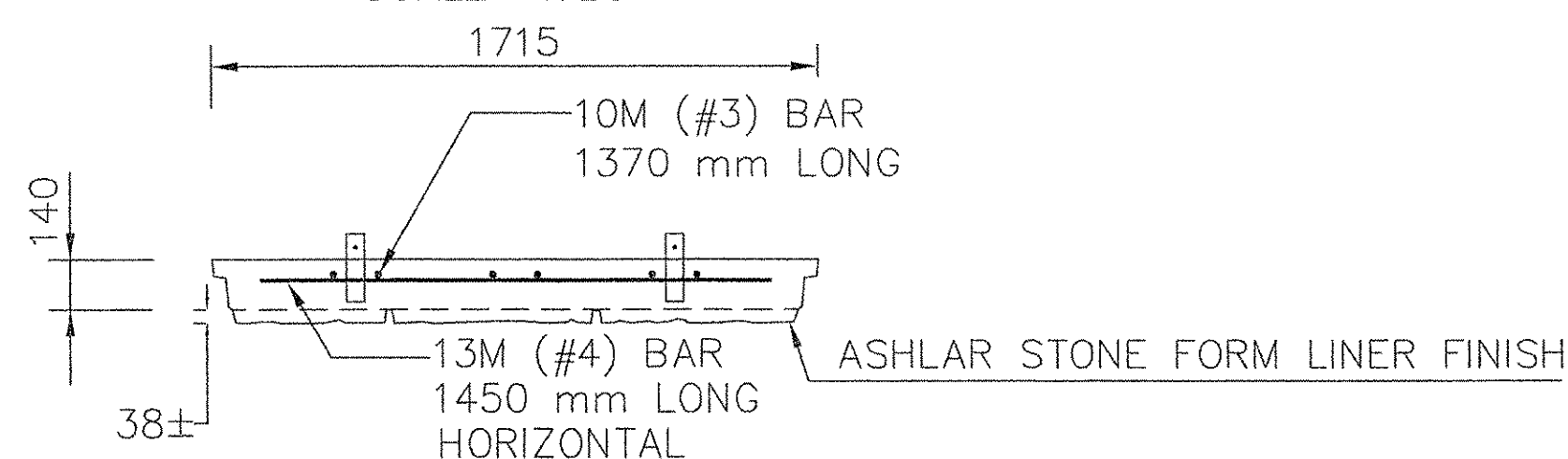
ASHLAR STONE PANEL FINISH
PANEL TYPE A
(LOOKING AT PANEL FACE)

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE



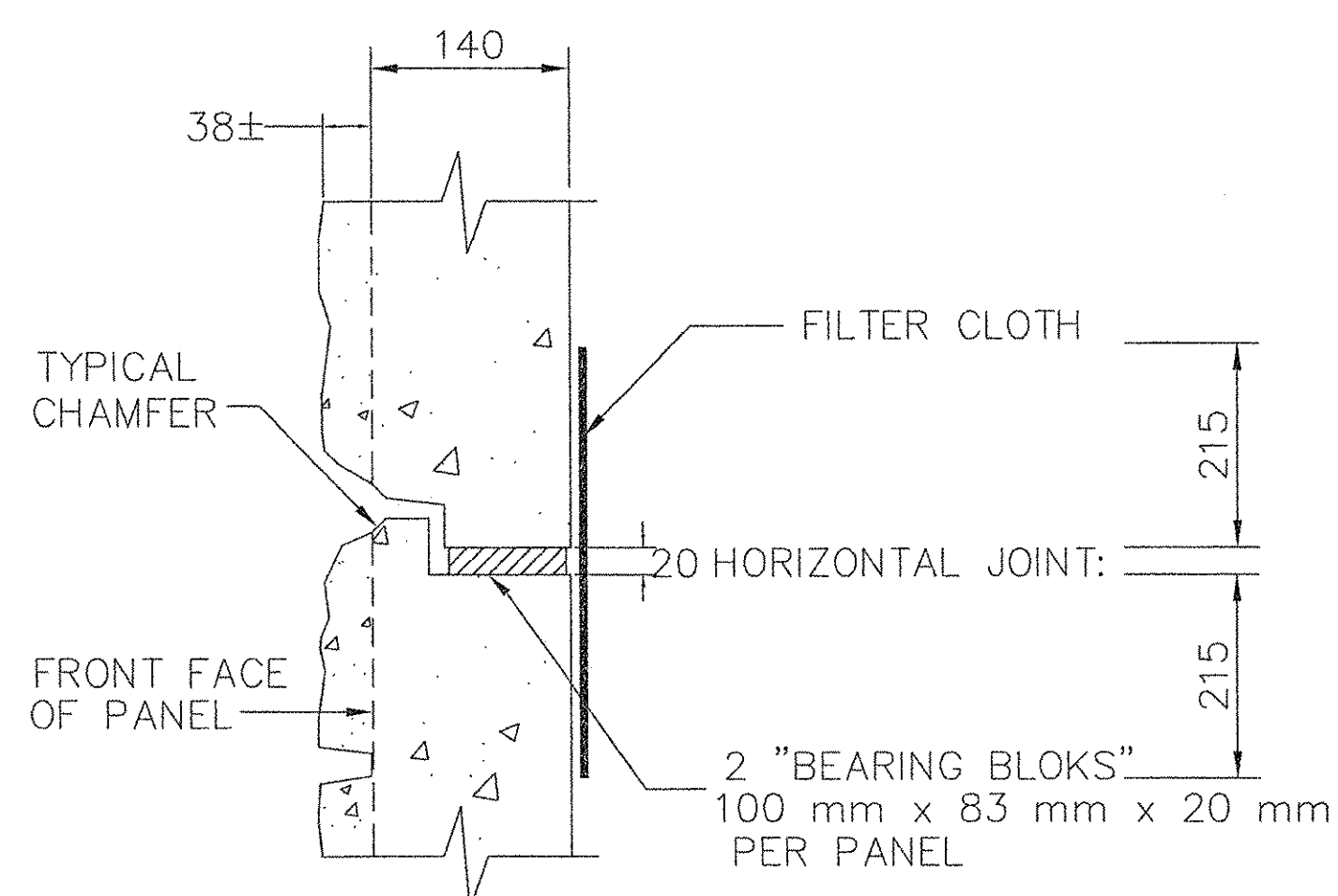
**PANEL TYPE "A"
WITH R6 REINFORCEMENT
BACK FACE VIEW**

SCALE 1:20



SECTION A-A

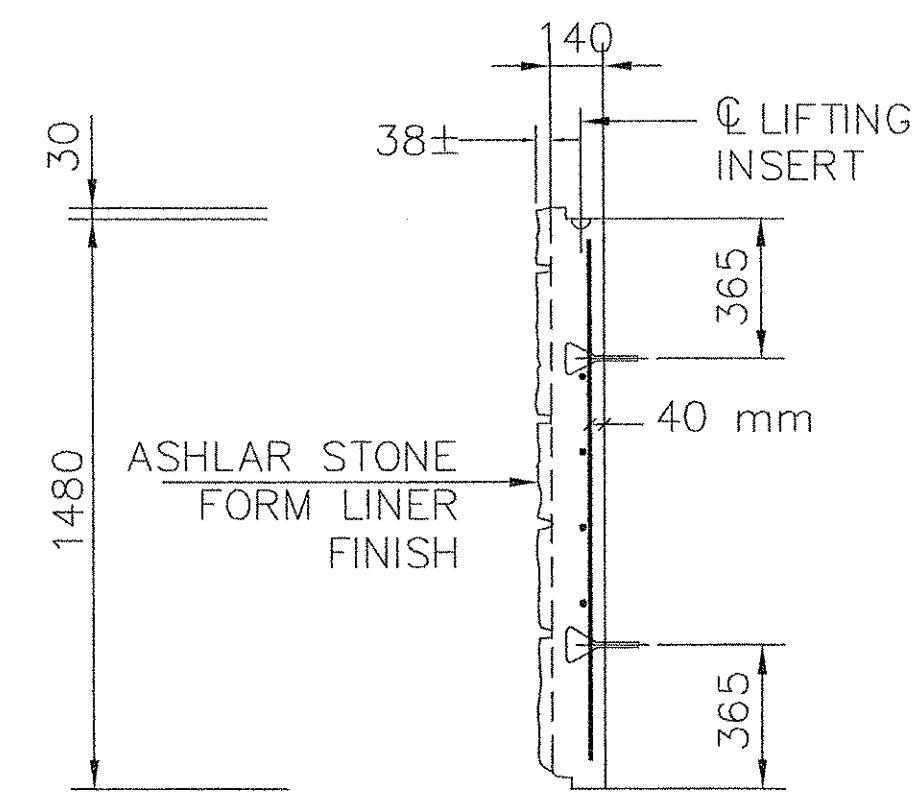
SCALE 1:20



SECTION 1-1

SCALE 1:5

ALL DIMENSIONS ARE IN MILLIMETERS
UNLESS NOTED OTHERWISE

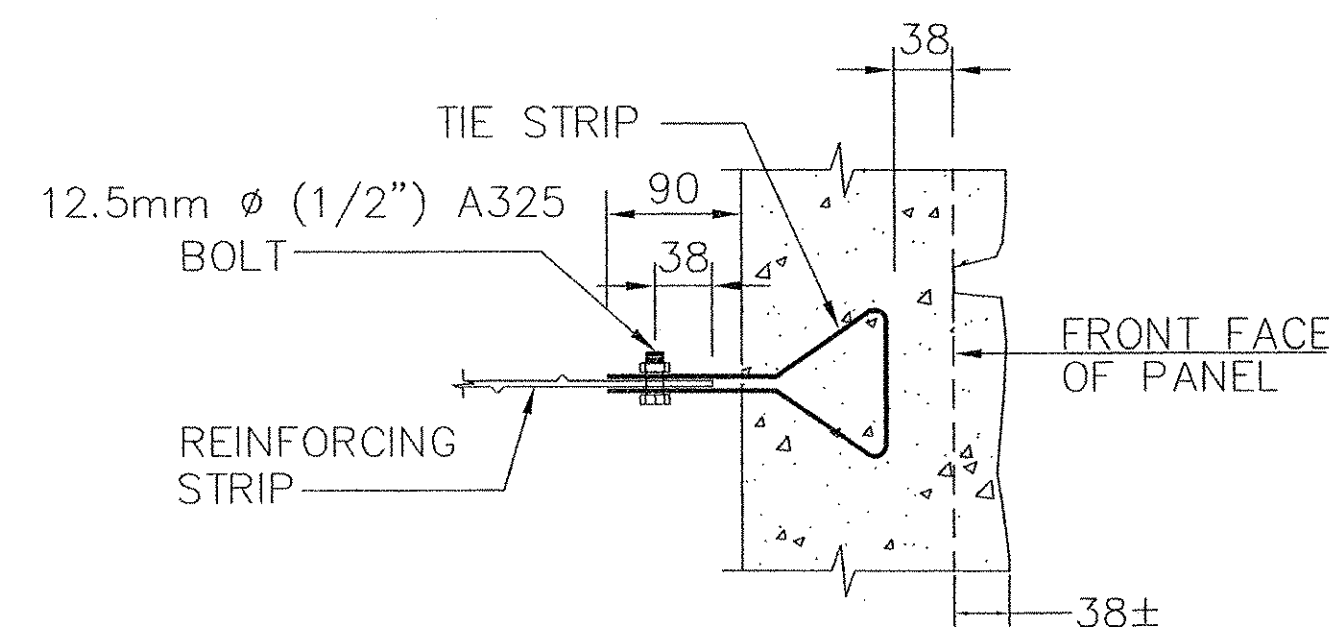


SECTION C-C

SCALE 1:20

NOTES:

1. REINFORCING STEEL TO BE A615 GRADE 420. EPOXY COATED
2. 28 DAY COMPRESSIVE STRENGTH OF CONCRETE = 27.6 MPa
3. 10 mm x 10 mm CHAMFER SHALL BE PROVIDED ON ALL EXPOSED EDGES (FRONT FACE ONLY).
4. ALL PANEL TYPES AND OTHER RELATED ELEMENTS WILL BE DETAILED ON SHOP DRAWINGS.
5. ALL PANELS SHALL HAVE TWO LIFTING INSERTS OF ONE TON CAPACITY EACH.
6. FACING PANEL FINISH SHALL BE AN ASHLAR STONE FORM LINER FINISH. THE CONCRETE SHALL BE COLORED WITH DYE (BAYFERROX 330, 3.5% - HEAT STABLE). THE FINISHED PRODUCT SHALL BE DISPLAYED AS A TEST PANEL AND SHALL BE APPROVED BY VTRANS PRIOR TO COMMENCING PRECASTING OF THE PANELS TO BE USED IN THE WALL CONSTRUCTION. THE APPROVED TEST PANEL SHALL BE USED AS A BENCHMARK FOR THE CORRECT COLOR, SHADE THROUGHOUT THE PRECASTING OPERATION.
7. PANEL DESIGN THICKNESS IS 140 mm.
8. BEARING BLOKS SHALL BE EPDM RUBBER PADS WITH DUROMETER HARDNESS OF 80±5, CONFORMING TO ASTM D2000.
9. 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.
10. SEE CONSTRUCTION MANUAL FOR ADDITIONAL INFORMATION.



CONNECTION DETAIL

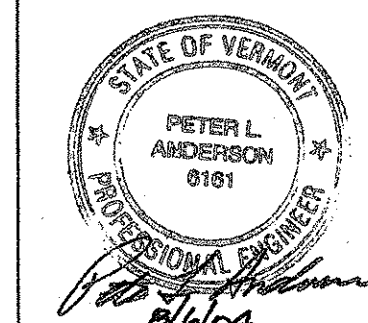
SCALE 1:5

VT AOT PROJ. NO. BRO 1446(26)

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

RECEIVED
OK'D BY: CPW OK'D BY: _____
AUG 11 2004
RESUBMIT _____ APPROVED ✓
BY CPW DATE 8/13/04

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



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			PROJECT ENGR:				LOCATION:	WATERBURY VERMONT	CONTRACT NO.:	11069
			CHECKED BY:				OWNER:	VT AOT	DRAWING NO.:	7 OF 7
			ENG. MANAGER:				DRAWING COVERS:	STANDARD PANEL DETAILS	SCALE:	AS SHOWN