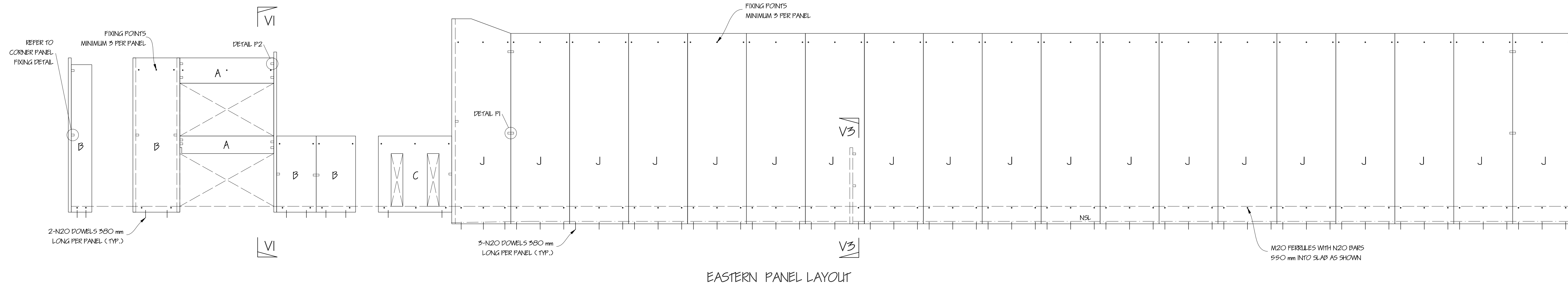
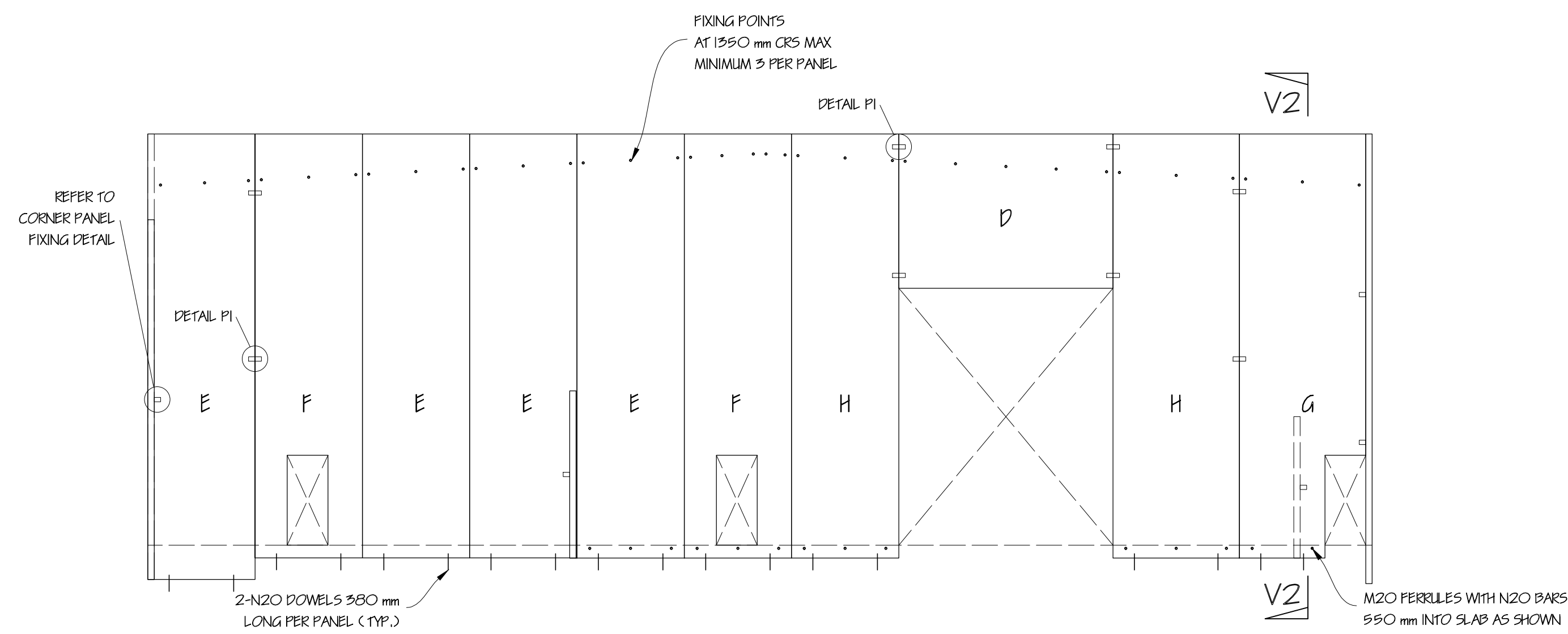


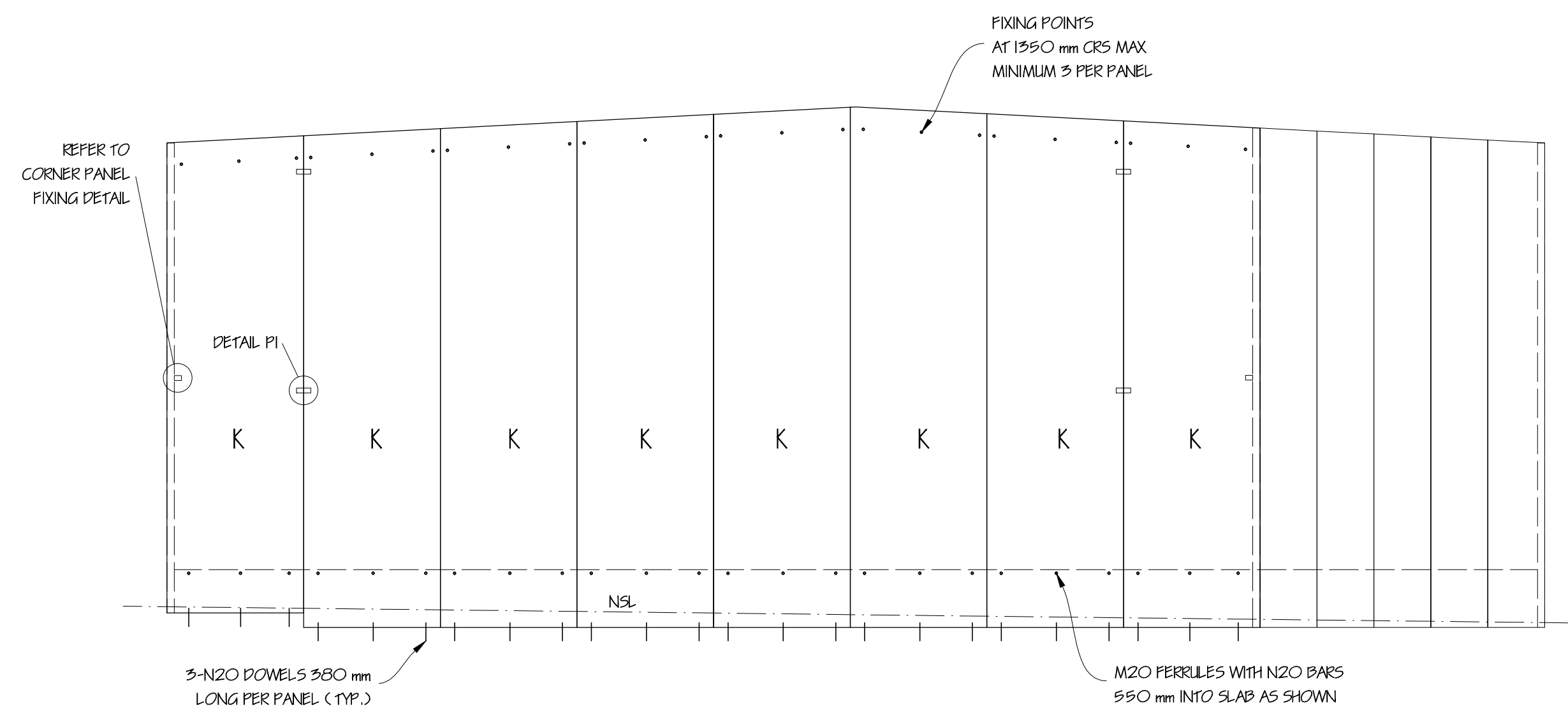
WESTERN PANEL LAYOUT



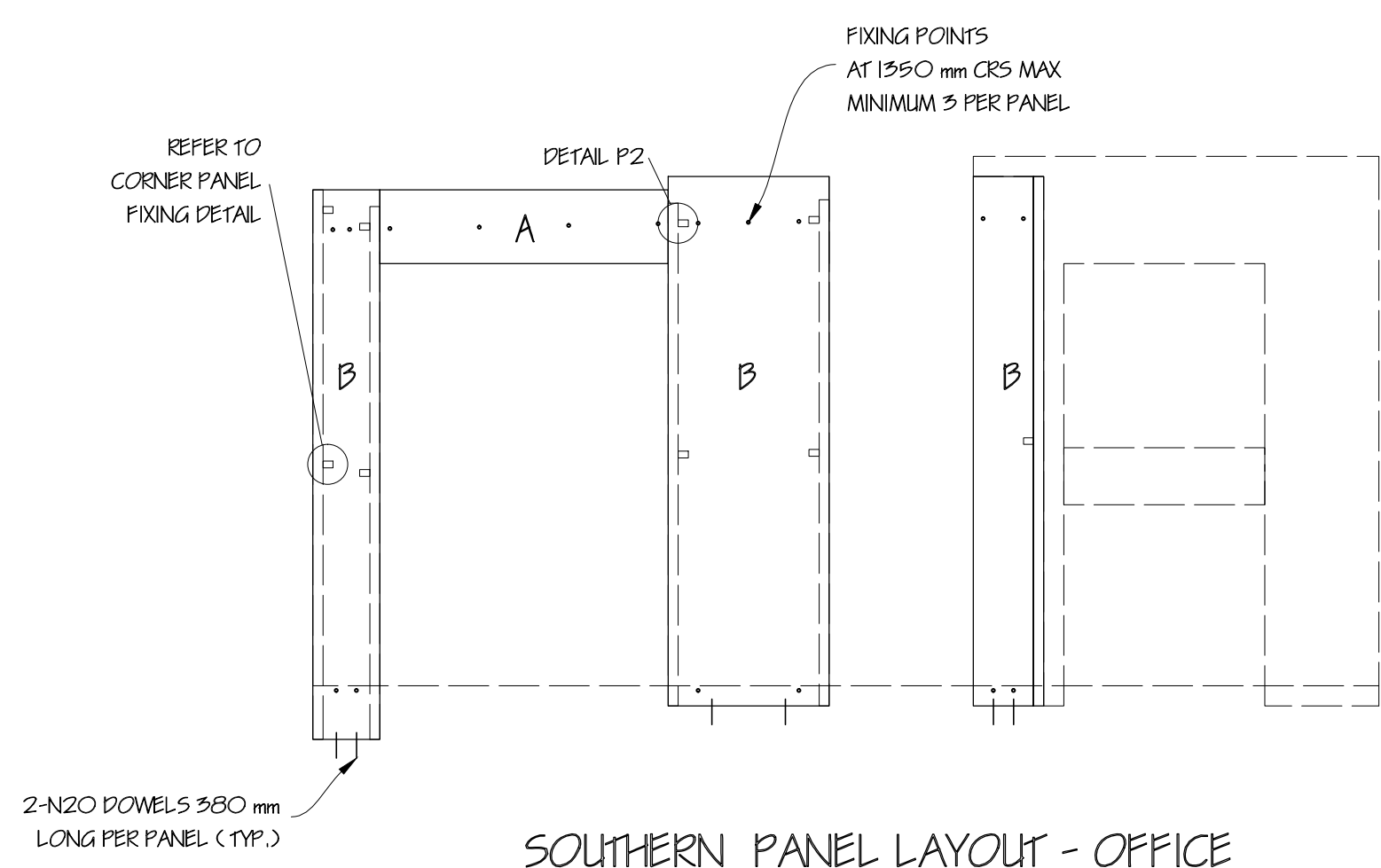
EASTERN PANEL LAYOUT



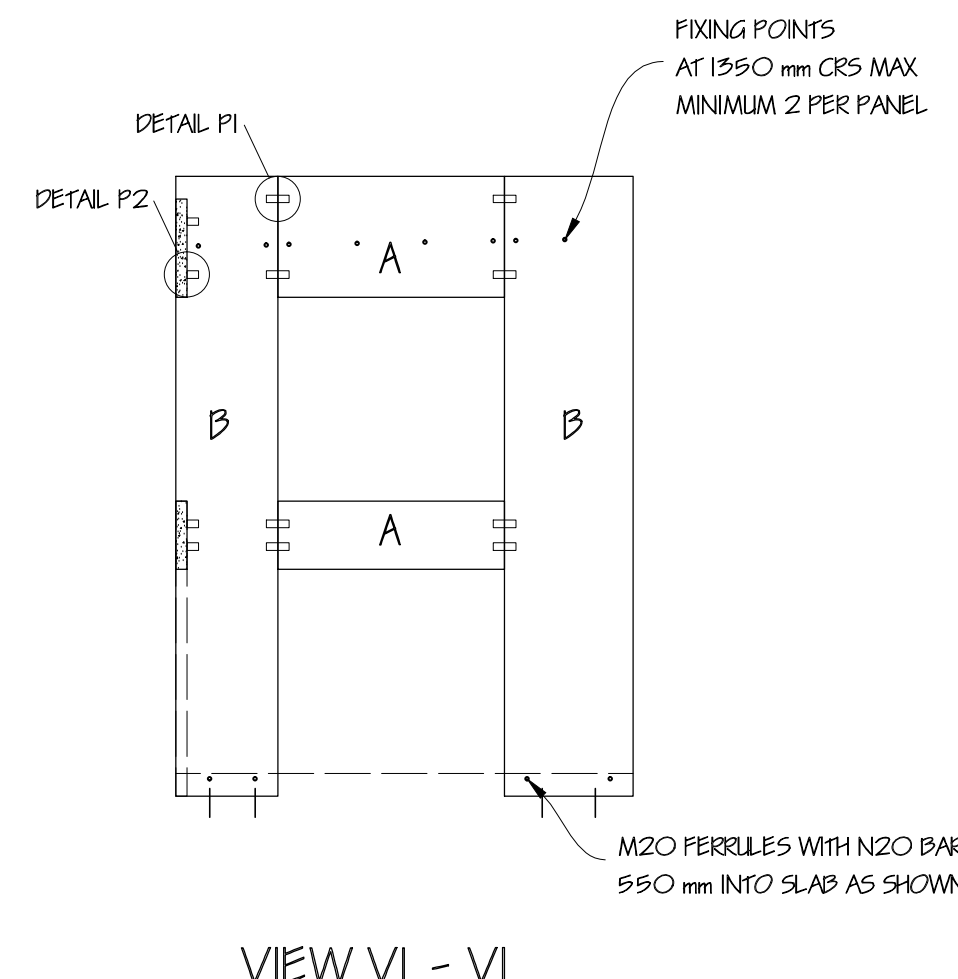
SOUTHERN PANEL LAYOUT - BETWEEN FACTORY & OFFICE



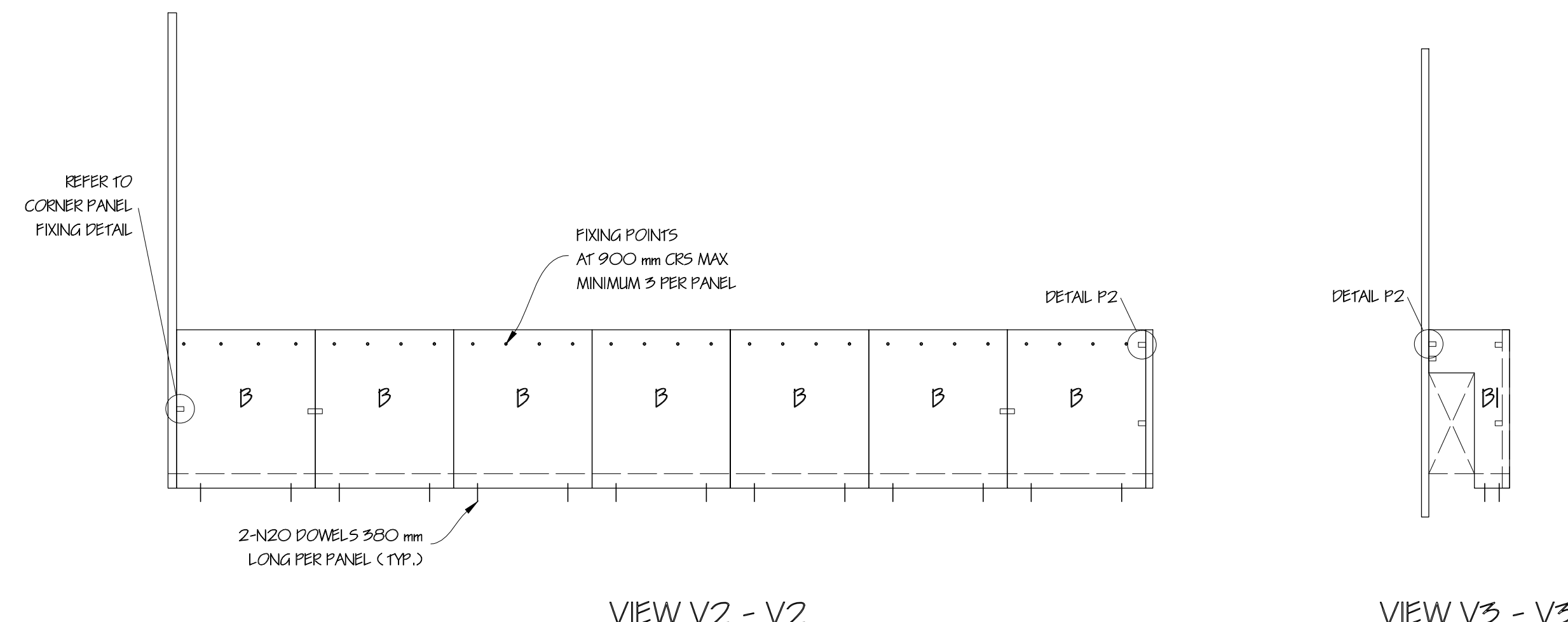
NORTHERN PANEL LAYOUT



SOUTHERN PANEL LAYOUT - OFFICE



VIEW VI - VI



VIEW V2 - V2

VIEW V3 - V3

- PANELS NOTES:**
- P1: GENERAL**
 - All precast concrete work and materials shall comply with AS 3600, AS 3880, and Victorian workcover authority industrial standard. "Precast & lift-up concrete for buildings"
 - All overall dimensions of precast units shall be obtained from the architectural drawings.
 - Provide all penetrations, rebates, dummy joints, cleats, etc. as required by all relevant drawings.
 - P2: CONCRETE**
 - Panel thickness shall be as noted on drawings.
 - Concrete strength grade shall be:
 - 32 MPa @ lifting
 - 40 MPa @ 28 days
 - All precast corbels shall be cast monolithically with the precast unit.
 - P3: PANEL REINFORCEMENT**
 - Reinforcement may be revised if approved in writing by this office.
 - The reinforcement indicated on the drawings is for service conditions only. Additional reinforcement may be required for manufacture, transportation, erection and propping. This shall be the responsibility of the precast manufacturer. All additional reinforcement, lifting fittings, strong backs, etc. shall be included in the contract price.
 - All ferrules to be minimum M20 with an N12 bar x 300 mm long through the base. Ferrules cast-in within 300 mm of the edge of the panel shall have a N12 bar pin bar x 1000 mm long placed around the ferrule.
 - P4: PANEL DOCUMENTATION**
 - The precast manufacturer is responsible for designing all lifting points, strongbacks and propping points.
 - Detailed shop drawings showing panel dimensions, reinforcement, lifting and propping configurations and all cast-in plates and ferrules must be prepared by the unit manufacturer.
 - Lifting fittings shall not be located on a face which is exposed to view when the precast unit is in its final erected position.
 - Three copies of shop drawings shall be submitted to the engineer for approval not less than 14 days prior to fabrication. Approval by the engineer does not cover checking dimensions or layout, nor preclude the precast manufacturer from the responsibility for the correctness of the work.
 - Details shown on the approved drawings shall not be altered without the engineer's permission.
 - Cost to check plans by engineer shall be borne by builder/fabricator.
 - P5: PROTECTION AND HANDLING**
 - Precast units must be protected against damage from time of removal from mould units erected. Protect against local crushing and chafing effects of lifting and transporting equipment. Store precast units clear of ground. Handle and support only from designed lifting points and ensure that no overstress or permanent deformation will occur during handling and storage. Adequately brace slender units during erection to prevent lateral deformation.
 - Lifting slings and connections are to be of an adequate capacity to safely lift the precast units.
 - Propps shall be used in accordance with the supplier or manufacturer's recommendations and load limits and fixing loadings shall be designed by the precast manufacturer.
 - Precast units are to be securely propped until either all the steelwork is erected, plumbed and completed, or slabs supported on precast units are constructed and cured. Details of propping arrangements shall be the responsibility of the builder. Propping of units shall not be carried out using less than two propps per precast unit.
 - All joints shall be properly caulked and sealed as required and fire rated where necessary.
 - All grout is to be an approved non-shrink, non-staining grout with a minimum 28 day characteristic strength of 40 MPa.
 - High strength plastic packers used for levelling under support points of load bearing precast units may be left permanently provided they are centrally located between the faces of the precast units, have a minimum of 50 mm grout cover and a bearing pressure less than 7 MPa. Packers used between non-load bearing units shall be removed immediately following the installation of the units.
 - Where packers are used to take up tolerances, the thickness shall be such that not more than three packers are used.
 - All dowel pockets are to be grouted after precast units have been erected. Recesses for lifting and other things shall be grouted and made good to the required surface finish and cover.

NOTE:
 PANEL TO SLAB ALTERNATIVE CONNECTION FOR PANELS WIDER THAN 2500mm
 2-M24 FERULES WITH 2-N24 BARS
 950 mm INTO SLAB PER PANEL (TYP.)

ISSUE FOR CONSTRUCTION

REVISION

All levels and dimensions to be checked and verified by the Builder prior to commencement of work on any other part of the construction. This Document is Copyright and is supplied on the express condition that it is not to be used for any other purpose or copied or communicated to any other person, without the prior permission of Stephen D'Andrea Pty. Ltd.

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PROJECT
 PROPOSED WAREHOUSE AND OFFICE
 AT No 865 MOUNTAIN HIGHWAY,
 BAYSWATER.

CLIENT	
DATE JULY '16	SCALE 1:100
DRAWN J.C	SHEET 10 OF 11
DRG No 5678/16	ISSUE