

10 EMBEDMENT OF MASONRY DOWELS IN CONCRETE STRUCTURE BELOW CONCRETE BLOCK WALLS TO BE AS FOLLOWS:
 15M DOWELS = 600 mm EMBEDMENT - 1300 Lg. DOWL
 20M DOWELS = 800 mm EMBEDMENT - 1700 Lg. DOWL

13. CONCRETE BLOCK MASONRY UNLESS NOTED OTHERWISE

- 1. 140 mm CONCRETE BLOCK:
 VERT: 1-15M @ 800 o/c
 HORIZ: SL2 @ 200 o/c OR HL2 @ 400 o/c
- 2. 190 mm CONCRETE BLOCK:
 VERT: 1-15M @ 800 o/c
 HORIZ: HL2 @ 200 o/c
- 3. 240 mm CONCRETE BLOCK:
 VERT: 1-20M @ 800 o/c
 HORIZ: HL2 @ 200 o/c

Doweling of perpendicular grade beams to existing foundation wall not required. Ensure to dowel parallel beams as per details 9/S300 and 10/S300. Ensure to field measure before fabrication.

CONCRETE COMPRESSIVE STRENGTH

INTERIOR SLAB ON GRADE - 25 MPa TYPE N
 EXTERIOR SLAB ON GRADE - 32 MPa CLASS C2
 PERIMETER FOUNDATION WALLS - 25 MPa CLASS F2
 GRADE BEAMS - 25 MPa TYPE N
 CAISSONS - 25 MPa TYPE N

MASONRY PIER SCHEDULE

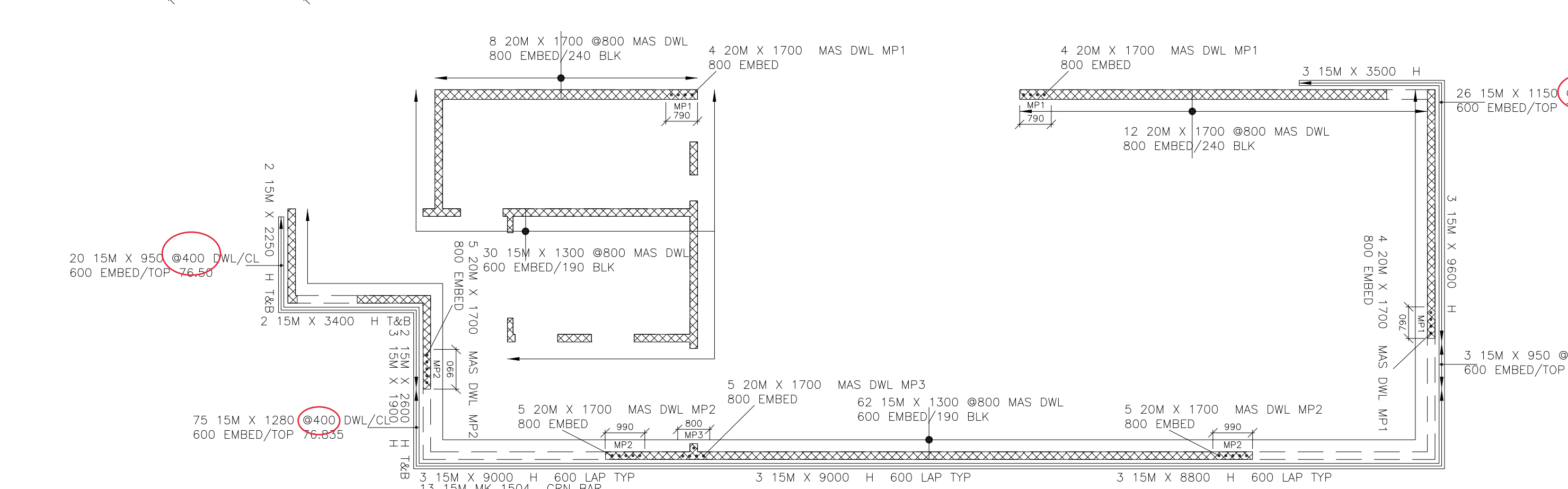
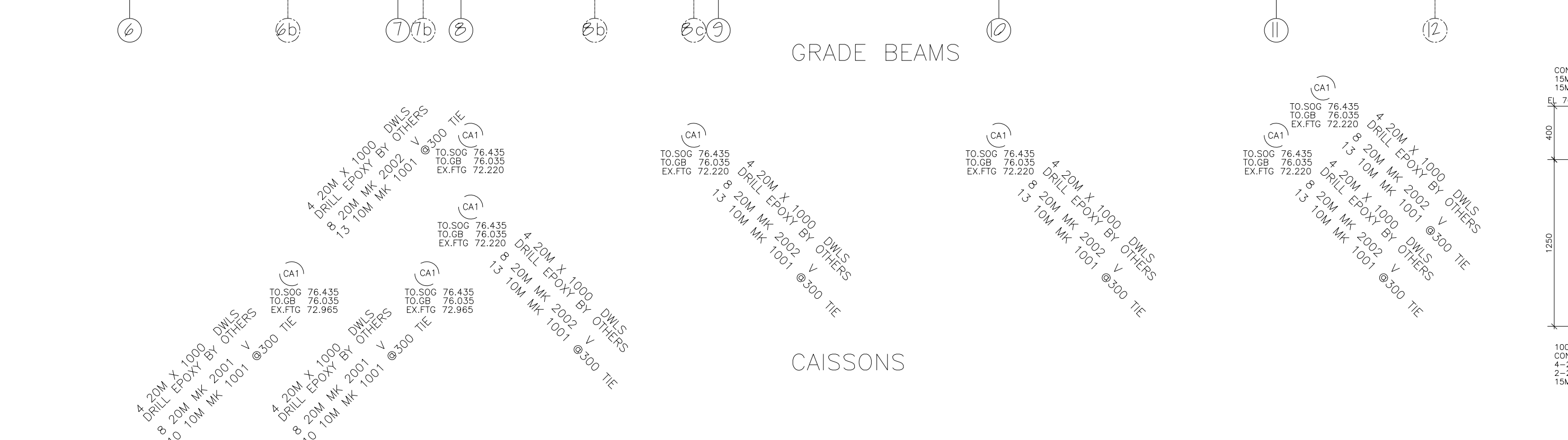
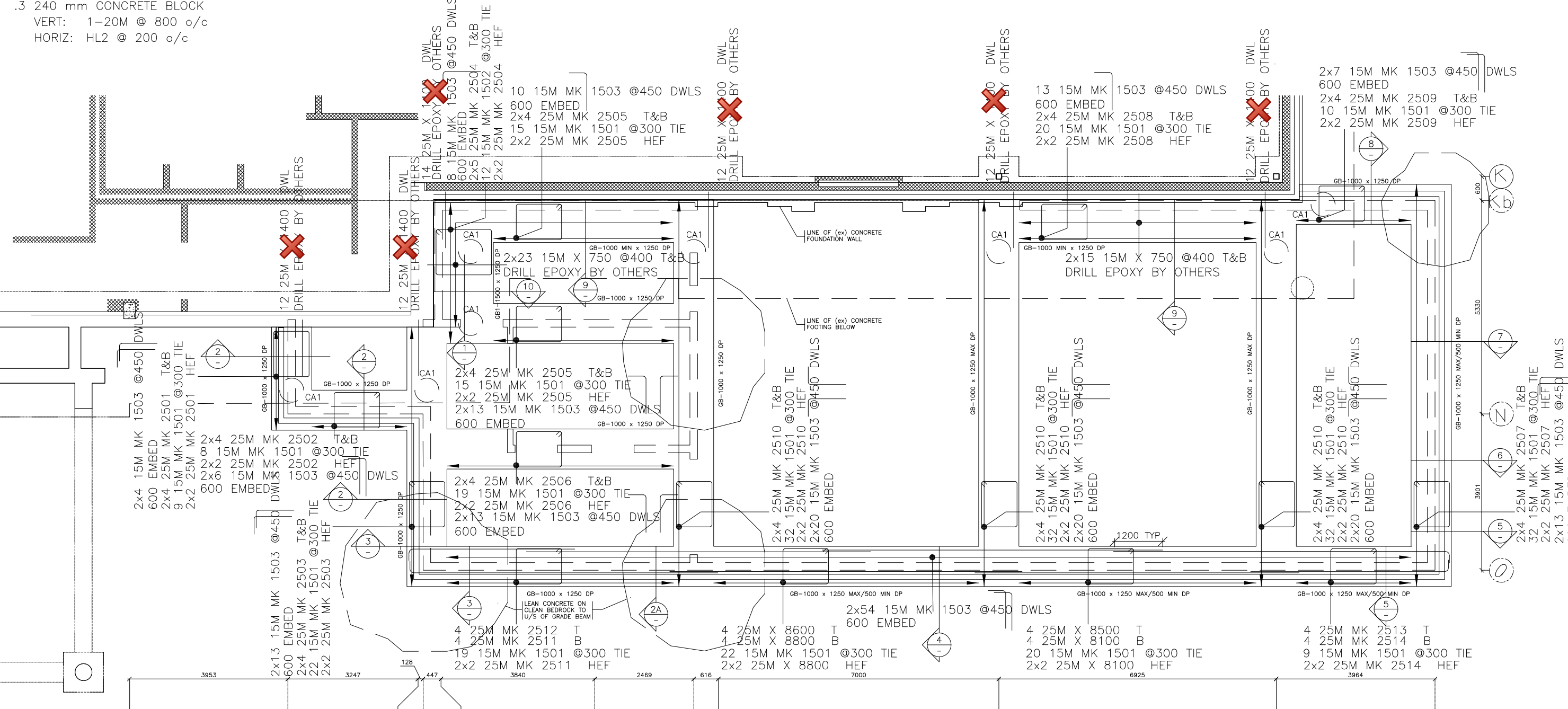
MARK	SIZE	REINFORCEMENT
MP1	200 LG x 200 WID x 200 H	4-20M VERT. L-15M @ 800 o/c 4-20M HORIZ. L-15M @ 800 o/c 2-20M T & B CONT 2-20M E.F. CONT
MP2	300 x 300	4-20M VERT. L-15M @ 800 o/c 4-20M HORIZ. L-15M @ 800 o/c 2-20M T & B CONT 2-20M E.F. CONT
MP3	150 x 300	4-20M VERT. L-15M @ 800 o/c 4-20M HORIZ. L-15M @ 800 o/c 2-20M T & B CONT 2-20M E.F. CONT

CAISSON SCHEDULE

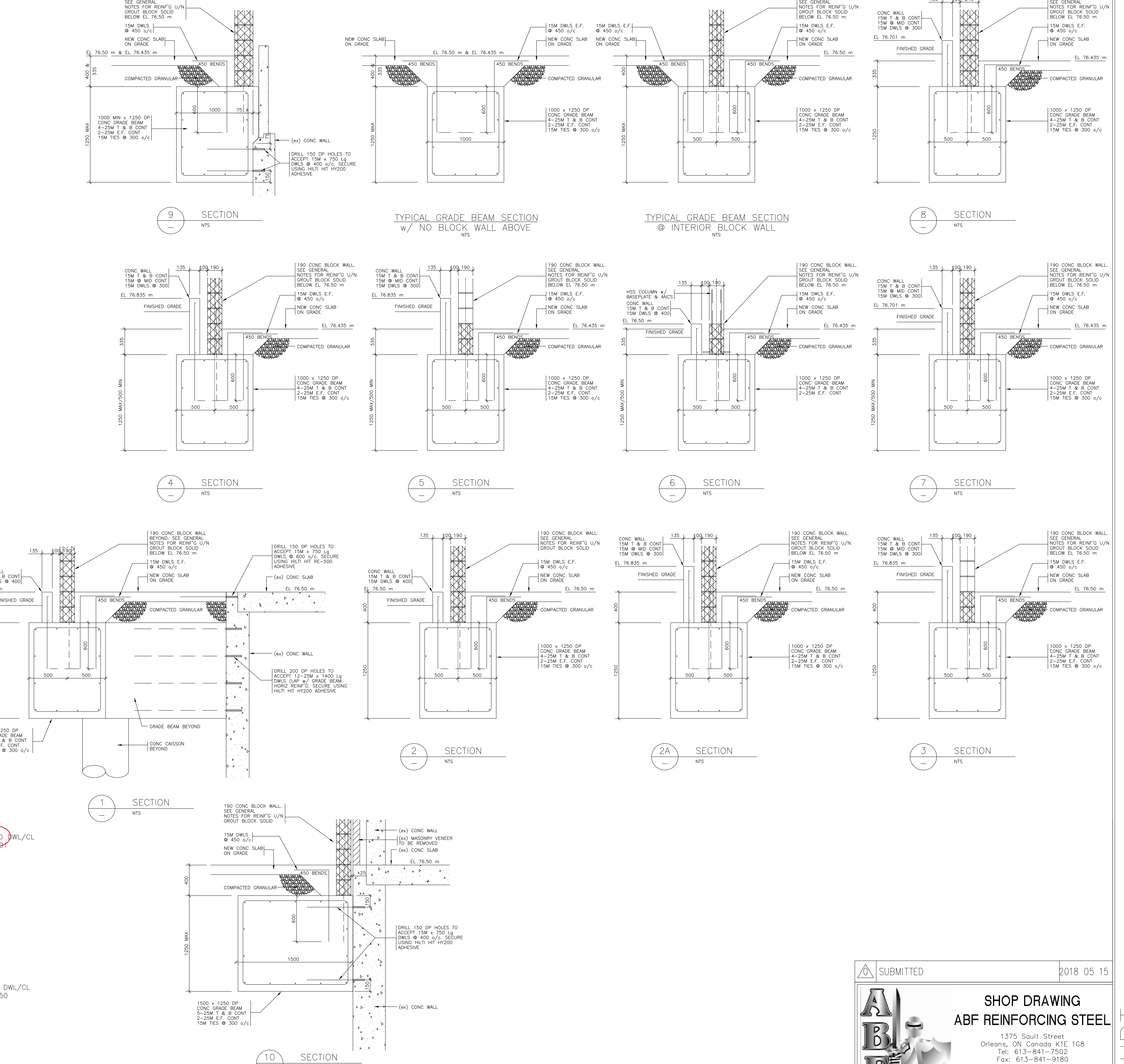
MARK	LOCATIONS	SIZE	REINFG
CA1	8	600 DOWELS	4-20M VERT. L-15M @ 800 o/c 4-20M HORIZ. L-15M @ 800 o/c 2-20M T & B CONT 2-20M E.F. CONT

GRADE BEAM SCHEDULE

MARK	SIZE	REINFORCING
GB	1000 x 1200 DP	4-25M T & B CONT 2-25M E.F. CONT 15M TIES @ 300 o/c
GB1	1000 x 1200 DP	4-25M T & B CONT 2-25M E.F. CONT 15M TIES @ 300 o/c



Ensure Dowels at Foundation Walls are @300mm O/C, except for Section 2/S300 and Section 6/S300.



SHOP DRAWING REVIEW

REVIEWED X
 REVIEWED AS NOTED
 REVISE AND RESUBMIT

SHOP DRAWING REVIEW
 CUNLIFFE & ASSOCIATES

This review is for the sole purpose of determining general conformance with the Structural Drawings. This review does not mean that Cunliffe & Associates approves the detail design inherent in the shop drawings. Our review does not relieve the contractor of his responsibility for errors or omissions in the shop drawings or meeting the requirements of the Contract Documents. The Contractor is responsible for dimensions to be confirmed and corrected at the job site, and information that pertains solely to fabrication processes or to techniques of construction installation and for co-ordination of the work of all trades.

REVIEWED AS NOTED
 REVIEWED
 RESUBMIT

CHK'D BY **GD**
 DATE **05/23/18**

PROJECT: DOVERCOURT REC. CENTER

TITLE: CAISSONS & GRADE BEAM REINFORCEMENT

CLIENT: TALCO

DRAWN BY: JN DATE: _____

SCALE: NTS

REFERENCE: _____

DRAWING: ABF-P100 CAISSON & GB

18-121 DOVERCOURT