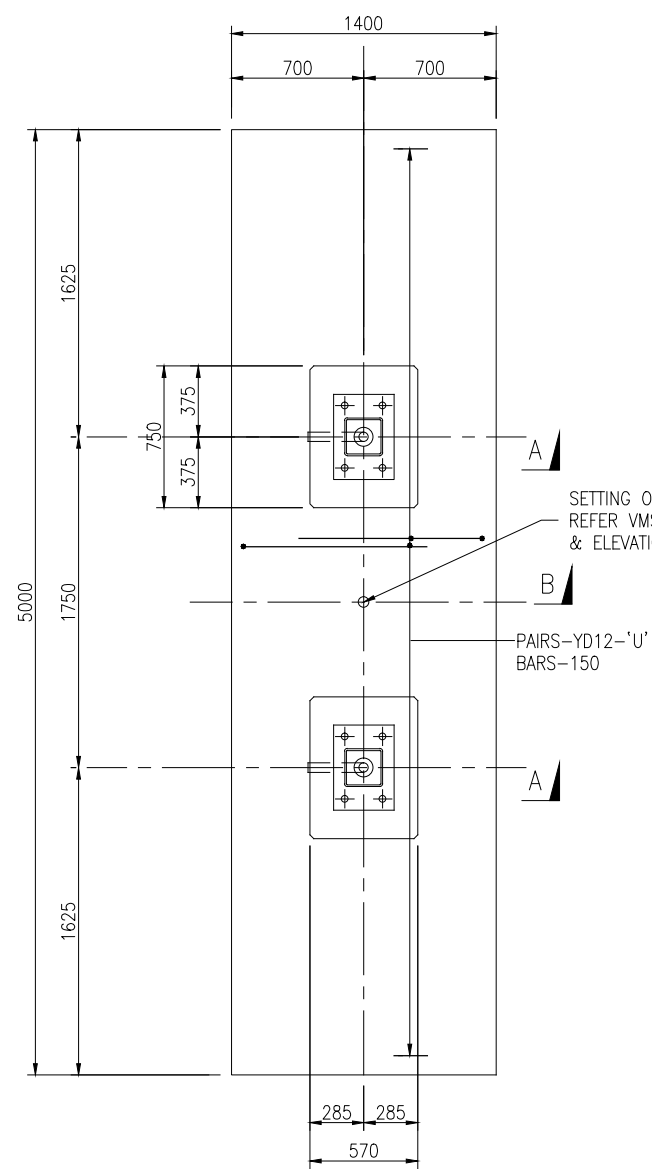
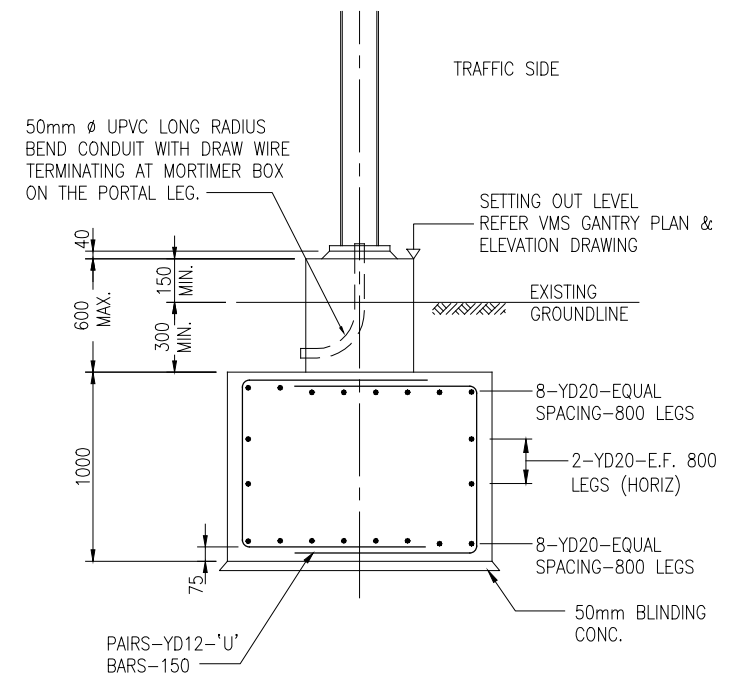


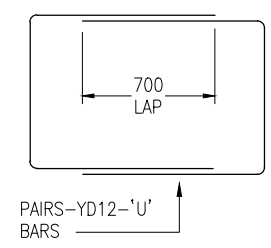
300 mm
200
100
50
10 mm



PLAN OF SHOULDER FOUNDATION FOR PORTAL SIGN GANTRY
1:20

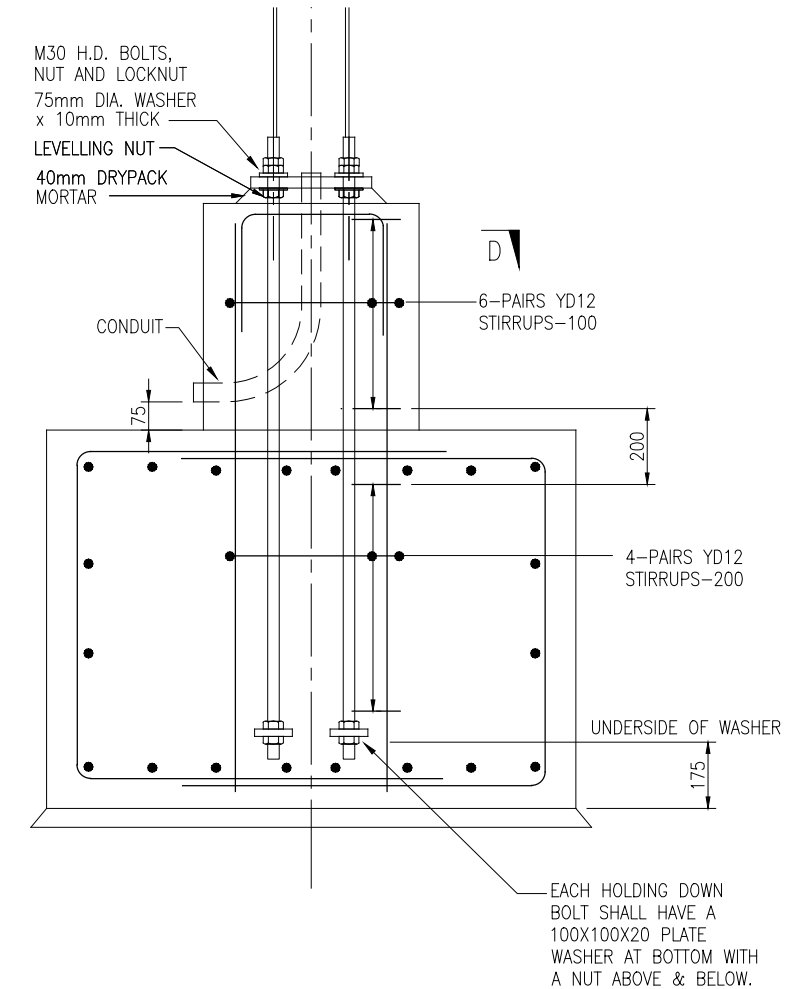


B SECTION
1:20

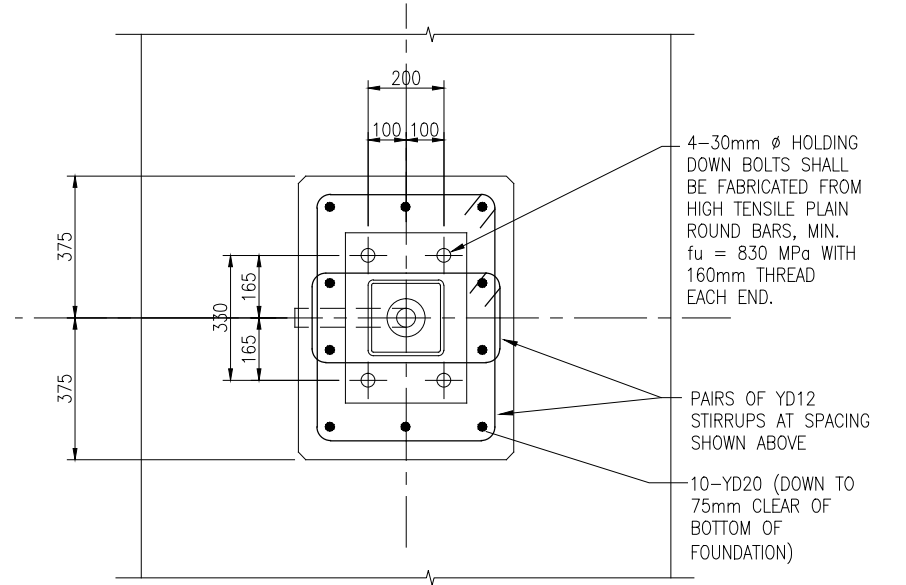


NOTES:

1. COVER TO REINFORCEMENT SHALL BE 50mm EXCEPT WHERE SHOWN.
2. CONCRETE STRENGTHS:
BLINDING CONCRETE --- 10MPa AT 28 DAYS
FOUNDATION CONCRETE - 30MPa AT 28 DAYS
3. LEVELS ARE IN TERMS OF LANDS AND SURVEY AUCKLAND DATUM 1946 (M.S.L.)
4. ALL REINFORCING BARS SHALL BE GRADE 500 DEFORMED.
5. REINFORCING 'BAR MARK' DESIGNATION SHOWS :-
NUMBER OFF, BAR TYPE AND DIAMETER, SPACING AND POSITION : eg. 5-20mm DIA. DEFORMED BARS AT 225mm CENTRES WOULD BE PRESENTED AS 5-YD20-225. POSITION ABBREVIATIONS ARE T TOP, B BOTTOM, EF EACH FACE.
6. H.D. BOLTS SHALL BE LOCATED WITH A TEMPLATE AND CHECKED FOR POSITION AND LEVEL BEFORE CONCRETING.
7. MINIMUM (UNDRAINED SHEAR STRENGTH) C_u REQUIRED UNDER FOUNDATION SLABS TO BE 50KPa.
8. ALL M.S. COMPONENTS TO BE HOT DIP GALVANISED AFTER FABRICATION IN ACCORDANCE WITH OPUS SPECIFICATION T-CES 306.
9. ALL WELDS 6mm CONTINUOUS FILLET WELDS UNLESS SHOWN OTHERWISE. ALL WELDS TO BE IN ACCORDANCE WITH AS/NZS 1554.1 CLASS S.P.
10. FOR SURFACE PROTECTION REQUIREMENTS SEE SPECIFICATION.
11. MILD STEEL H.D. BOLTS TO BE FULLY TIGHTENED.



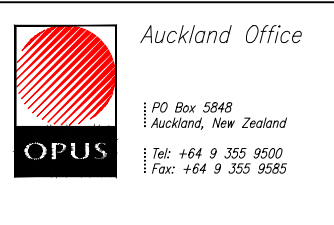
A SECTION
1:10



D SECTION
1:10

DISCLAIMER: SEE SHEET 000-0000-0-7104-00

	BY	CHECKED	DATE
DESIGN	I. LOH	PJW	05/04
DRAWN	A.S.C.	KVM	05/04
REC'D	T.L. HARRIS		10/8/11
APPROVED	S.D. HEWETT		8/11
R2 ITS STANDARDS UPDATE	TLH	5/6/15	
R1 ITS STANDARDS REVIEW	TLH	14/10/14	
AMENDMENT	APP'D	DATE	



TITLE							
NEW ZEALAND TRANSPORT AGENCY INTELLIGENT TRANSPORT SYSTEMS STANDARD							
VMS GANTRY SHOULDER FOUNDATION							
STATUS	STANDARD	FILE	000-0000-0-7104-58-R2				
SCALE	PLOT DATE	FEATURE IDENTIFIER	CODE	SHEET	REVISION		
AS SHOWN	02/06/15 @ 11:22	1/1061/370	7104	58	R2		

04/06/2015 13:19

GRAPHIC SCALES

k:\atms\1_1061_370\1_1061_370_7104_58r2.dwg - 58R2 ORIGINAL SHEET SIZE A1 [84x594]