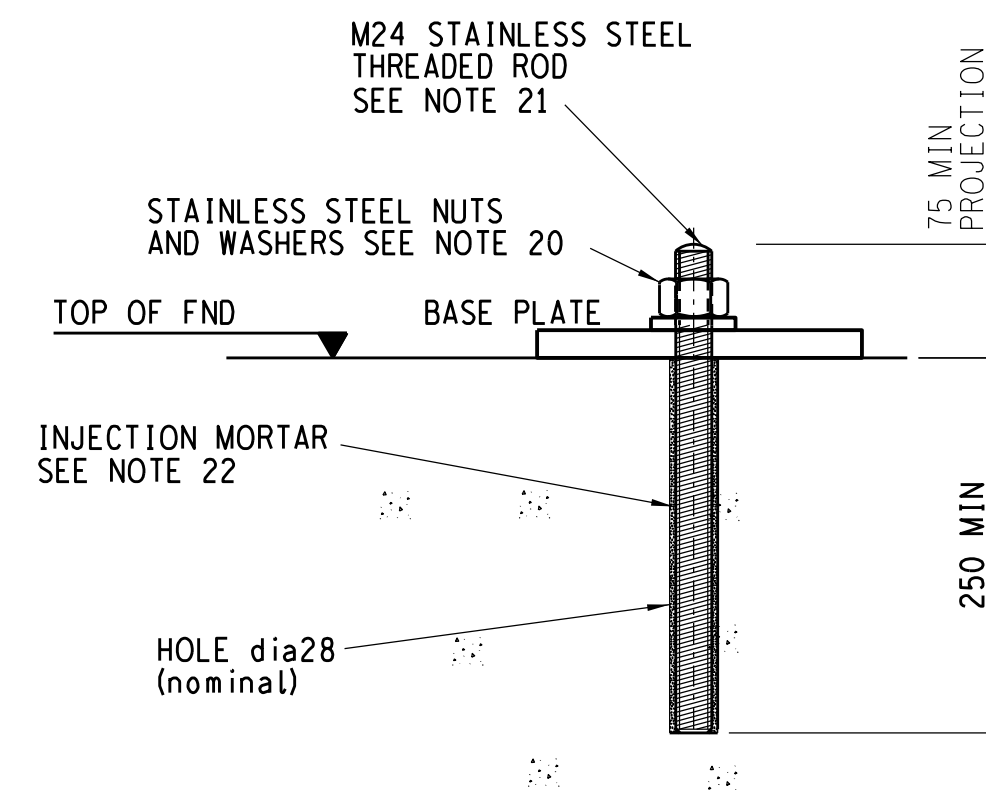


SECTION B-B
1:20



DETAIL A
8 OFF PER FOUNDATION

CURING TIME BEFORE ANCHOR CAN BE FULLY LOADED	
NO STEELWORK TO BE ERCTED ON HD BOLTS BEFORE CURING TIME PAST AS SPECIFIED IN SCHEDULE BELOW	
-5° TO 10°	- 72 hours
10° TO 20°	- 48 hours
20° TO 30°	- 24 hours
30° TO 40°	- 8 hours

- 1.) CONCRETE STRENGTH AT 28 DAYS/STONE SIZE :BLINDING = 15/19
FOUNDATION = 25/19
SLUMP VALUE 75mm(±25mm)
- 2.) MIN. COVER TO REINFORCEMENT TO BE 125mm
- 3.) NEW HD BOLTS TO BE M24 WITH NUT AND WASHER, STAINLESS
STEEL CHEMICAL ANCHORS - FISHER RG M24x210 A4 8 OFF
BOLTS TO BE FIXED WITH RESIN ANCHOR CAPSULE RM TO SUPPLIERS SPECIFICATION
- 4.) FORMWORK TO EXTEND AT LEAST 150mm BELOW GROUND LEVEL
- 5.) ALL WELDING AND WELDING SYMBOLS TO SANS 10044
- 6.) STEEL TEMPLATE TO BE USED FOR SETTING OUT OF HD BOLTS
- 7.) 30 MPa FLOWABLE NON-SHRINK GROUT UNDER BASE PLATES ONLY
IF REQUIRED
- 8.) ALL TOP EDGES TO HAVE 20 x 20 CHAMFER
- 9.) ALL WORK TO BE IN ACCORDANCE WITH SANS 1200 SERIES OF SPECIFICATIONS
- 10.) CONCRETE FINISH : TOP OF FOUNDATION - WOOD FLOOR FINISH
SIDES OF FOUNDATION - SMOOTH OFF SHUTTER FINISH
- 11.) FOUNDATION TO BE SCABBLED, APPLY SIKATOP-ARMATEC
610 EPOCHEM ON ALL SURFACES BEFORE POURING OF NEW CONCRETE.
- 12.) EQUIPMENT TO BE SUPPORTED BEFORE ANY WORK ON FOUNDATION COMMENCE
OR EXCAVATED AROUND EXISTING FOUNDATION
- 13.) NO OVER-EXCAVATION PERMITTED BELOW BOTTOM OF EXISTING FOUNDATION
- 14.) REINFORCEMENT LAP LENGTH = 50xDIA. OF BAR
- 15.) TIE BARS 200mm INTO EXISTING FOUNDATION.
- 16.) GROUT FOR DOWELS TO BE FISHER INJECTION MORTAR FIS TO MANUFACTURES
SPECIFICATION. CONTRACTOR NOT TO USE NORMAL OPC/SAND MIX FOR GROUTING

17. INSTALLATION TO BE STRICTLY TO MANUFACTURES SPECIFICATION
18. THIS DESIGN IS BASED NON-CRACKED CONCRETE WITH A NOMINAL COMPRESSIVE STRENGTH OF 25MPa
19. ALTERNATIVE DESIGN MUST BE APPROVED BY ESKOM
20. HD BOLTS COMPLETE WITH TWO NUTS AND TWO WASHERS TO BE SUPPLIED BY CIVIL CONTRACTOR
21. NEW HD BOLTS TO BE STAINLESS STEEL CHEMICAL ANCHORS, BOLTS TO BE: FISCHER - FIS EM RG M24 A4 or HILTI HIT-V-R THREADED ROD or SIMILAR APPROVED BY ESKOM
22. HD BOLTS TO BE FIXED WITH INJECTION MORTAR TO SUPPLIER SPECIFICATION: FISCHER - FIS EM or HILTI - HILTI HIT-RE 500-SD or SIMILAR APPROVED BY ESKOM
23. EXIST HD BOLTS TO BE CUT-OFF FLUSH WITH TOP OF CONCRETE, CUT-OFF SECTION TO BE TREATED WITH GALVPATCH, min THICKNESS 30 MICRONS

ZE A11