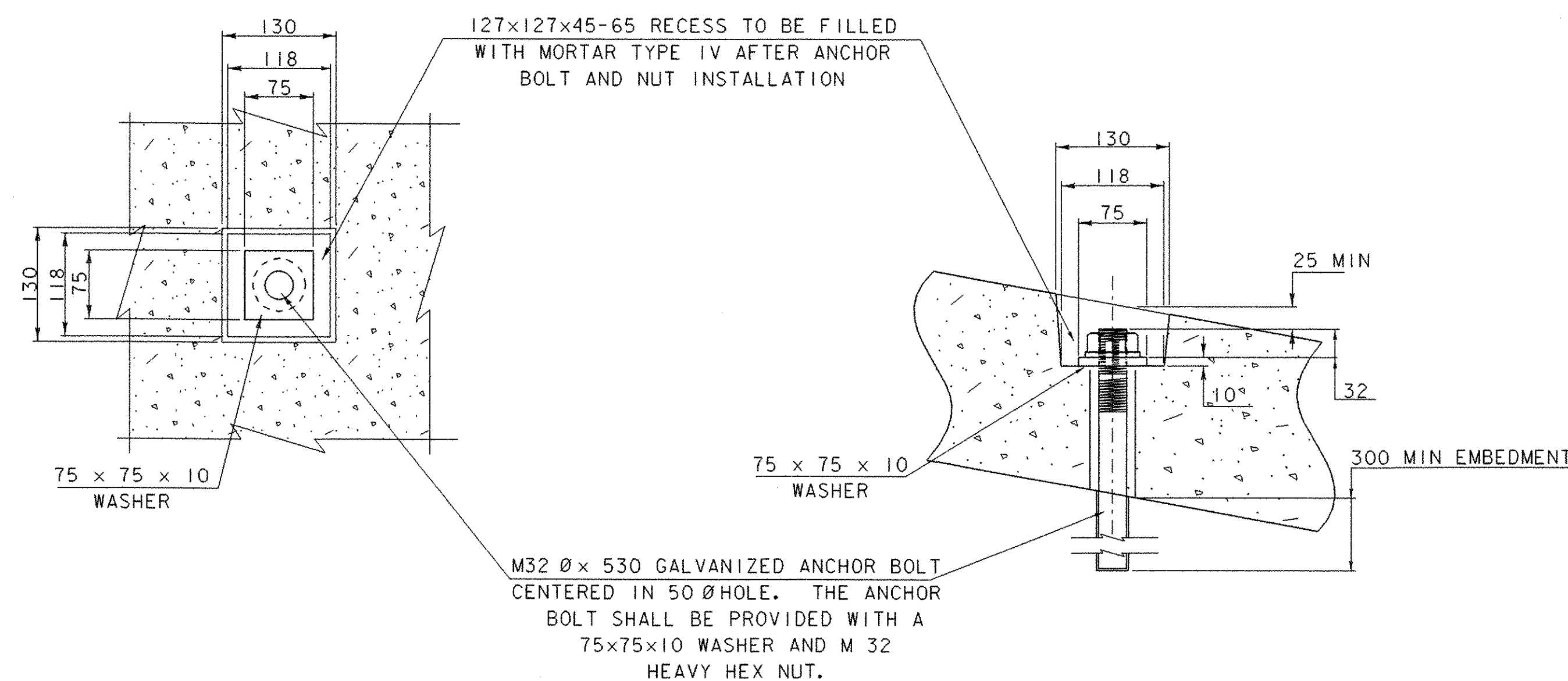
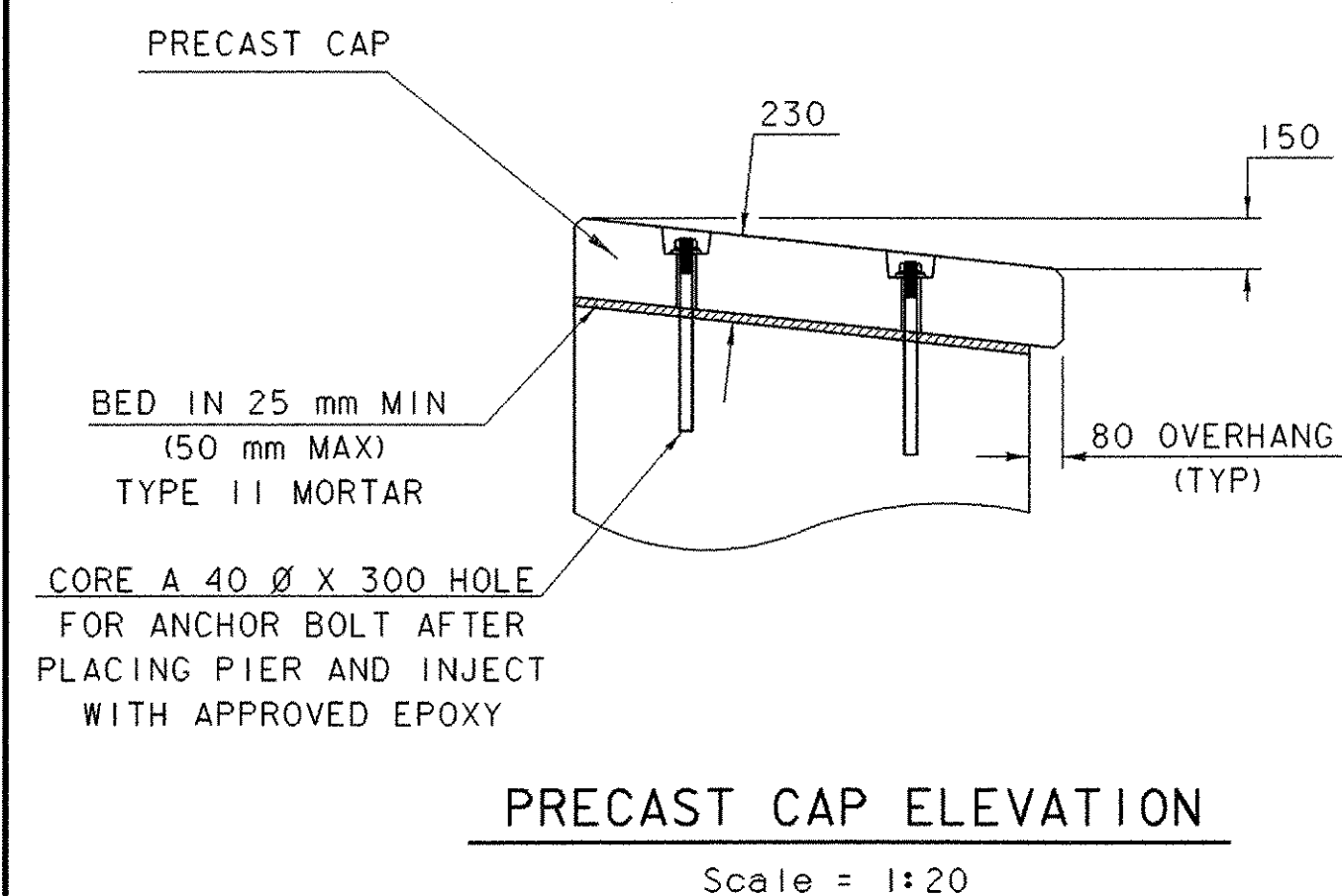


PRECAST CAP PLAN
Scale = 1:20

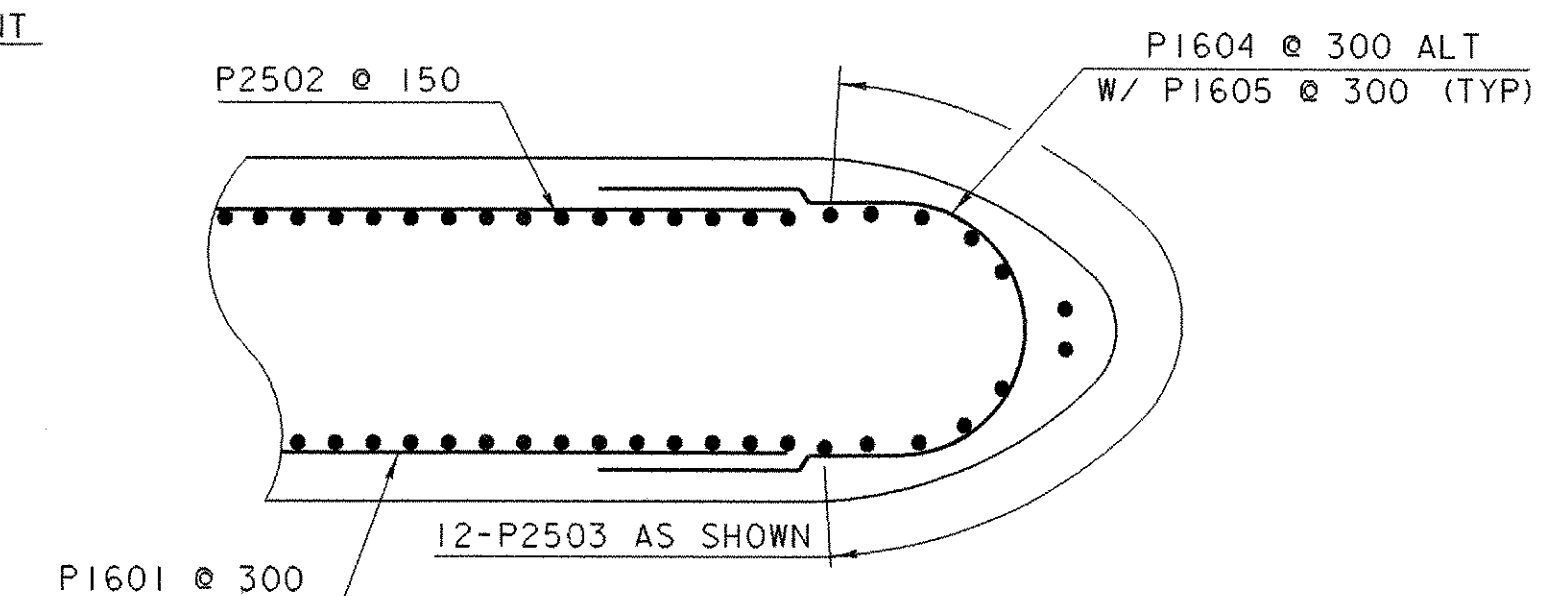
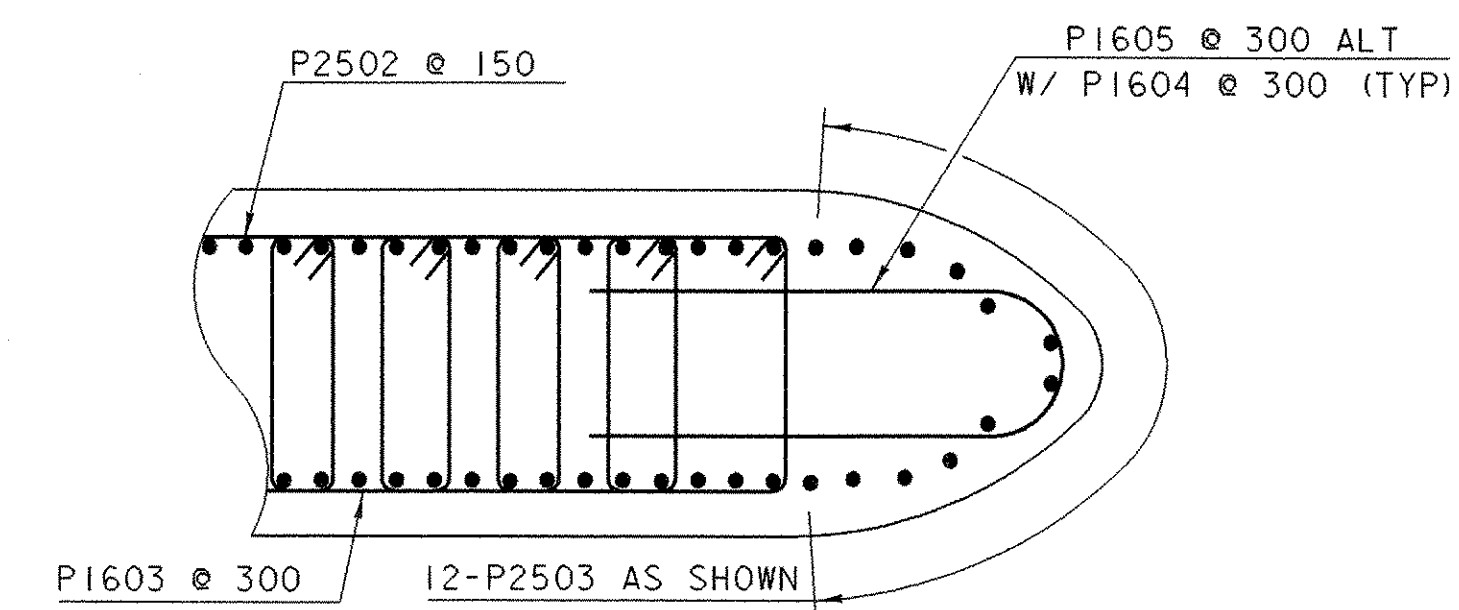
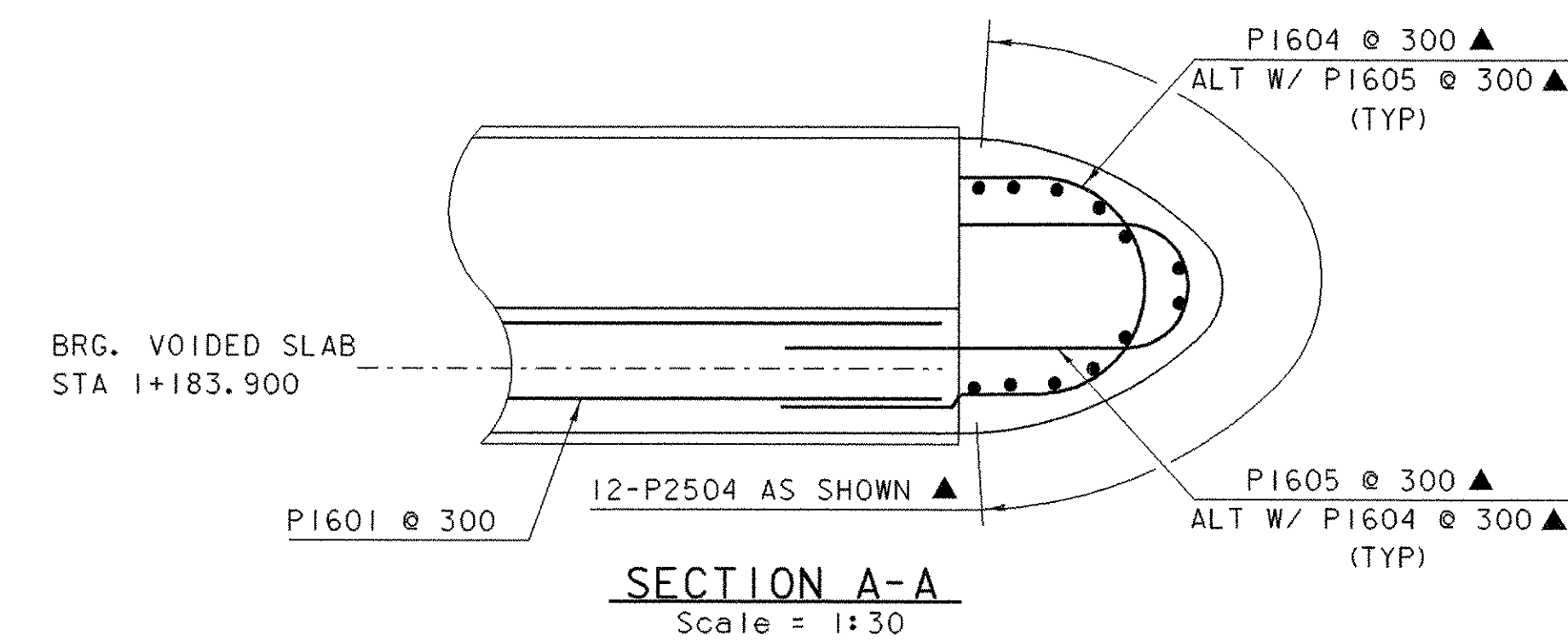
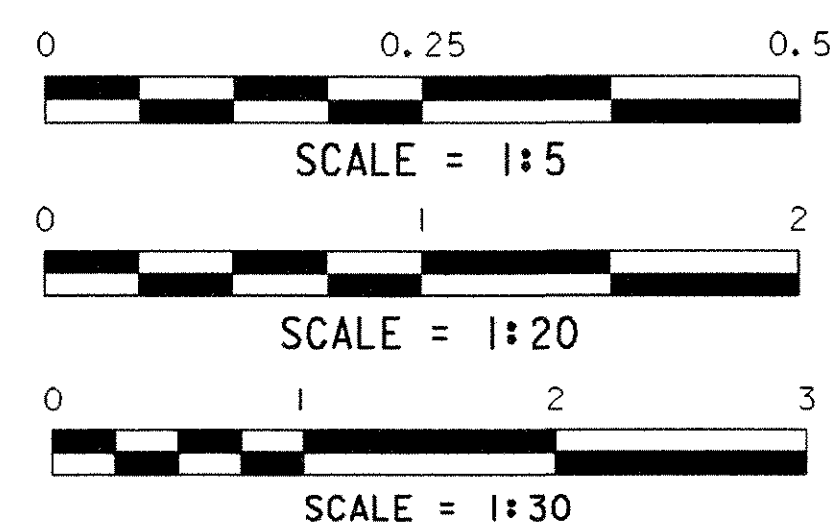


NOTES:

- NF = NEAR FACE
- FF = FAR FACE
- EF = EACH FACE
- ▲ = CUT TO FIT IN FIELD

80mm CLEAR UNLESS OTHERWISE SPECIFIED ON PLANS

ALL LAPS ARE 660mm UNLESS OTHERWISE SPECIFIED ON PLANS



CAP NOTES:

1. THE CAPS ARE DETAILED AS PRECAST AND SHALL BE PAID FOR UNDER THE ITEM 501.34 "CONCRETE - HIGH PERFORMANCE CLASS B".
2. THE CONTRACTOR MAY SUBSTITUTE THE PRECAST CAP FOR A CAST IN PLACE CAP. IF THIS IS DONE THE RESIDENT ENGINEER WILL NOTIFY THE PROJECT MANAGER AND A DETAIL OF THE CONNECTION WILL BE SUBMITTED FOR REVIEW AND ACCEPTANCE.
3. ALL DIMENSIONS ARE HORIZONTAL OR VERTICAL AND GIVEN AT 20° C UNLESS OTHERWISE NOTED.
4. ALL CAPS SHALL BE REINFORCED WITH ONE LAYER OF 152 X152-MW13 X MW13 WELDED WIRE FABRIC. THE WELDED WIRE FABRIC SHALL CONFORM TO ASTM A497. THE LAYER OF REINFORCEMENT SHALL BE CENTERED IN ALL THE PRECAST CAPS. THE WELDED WIRE FABRIC SHALL BE PAID UNDER THE ITEM 507.15 "REINFORCING STEEL".
5. THE COST OF THE ANCHOR BOLTS AND RELATED HARDWARE, MORTAR, EPOXY, ERECTION OF THE CAPS AND ALL OTHER INCIDENTALS NECESSARY TO COMPLETE THE PRECAST CAPS SHALL BE INCIDENTAL TO THE ITEM 501.34 "CONCRETE, HIGH PERFORMANCE CLASS B".
6. THE ANCHOR BOLTS SHALL BE ASTM A307, GR. C. THE PLATE WASHERS SHALL BE AASHTO M 270/M 270 GR 250
7. BEFORE THE INSTALLATION OF THE CAPS THE CONTRACTOR SHALL PROVIDE THE RESIDENT ENGINEER WITH THE TECHNICAL DATA SHEET FOR THE EPOXY INTENDED TO SECURE THE ANCHOR BOLTS. THE TECHNICAL DATA SHEET SHALL INCLUDE SPECIFICATIONS AND MANUFACTURER'S APPLICATION INSTRUCTIONS. THE RESIDENT ENGINEER SHALL APPROVE THE PRODUCT AND PROCEDURES PRIOR TO INSTALLATION.
8. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING ANY NECESSARY LIFTING REQUIRED TO ERECT THE PRECAST CAPS. LIFTING DEVICES SHALL BE REMOVED AND DAMAGED AREAS REPAIRED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

PROJECT: BETHEL	PROJECT NO.: BRF0241 (33) C/2
DESIGN FILE NAME: 02c180/structures/s02c180pier.dgn	PLOT DATE: 14-APR-2005
IPARM FILE NAME: s02c180pierdet.i	DESIGNED BY: K.M.HIGGINS
SQUAD LEADER: C.P.WILLIAMS	DRAWN BY: E.L.RUSTAY
PIER DETAILS	CHECKED BY: K.M.HIGGINS
	SHEET: 61 OF 130