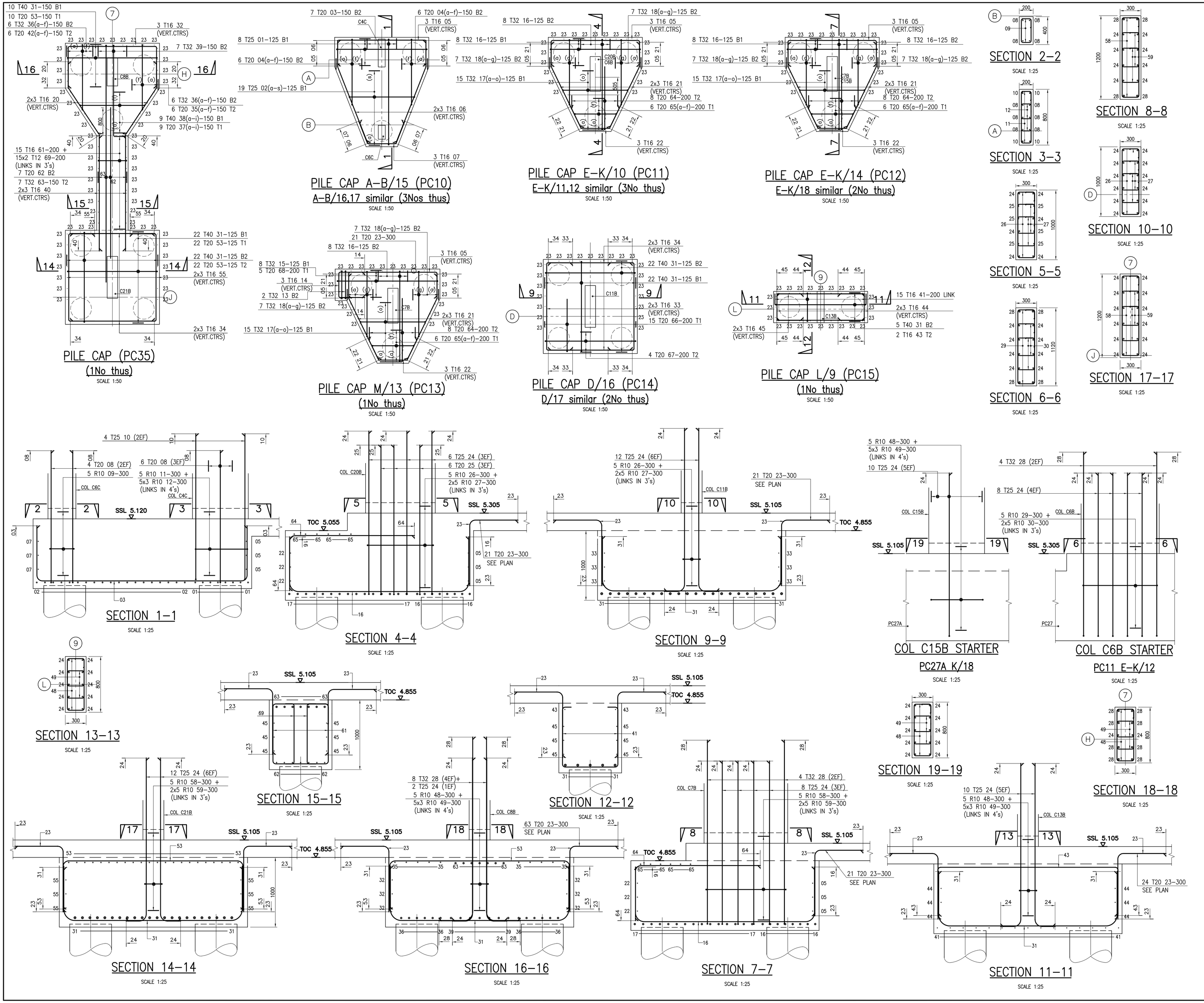

Notes

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEER'S, ARCHITECT'S AND SPECIALIST DRAWINGS AND THE SPECIFICATION.
2. FIGURED DIMENSIONS ONLY TO BE USED. ANY QUERIES OR DISCREPANCIES TO BE REFERRED TO THE ENGINEERS IMMEDIATELY.
3. THIS DRAWING MUST NOT BE SCALED.
4. ALL DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR BEFORE WORK COMMENCES ON SITE.
5. CONCRETE TO BE GRADE RC40 UNO.
6. ALL REINFORCEMENT IS TO BE HIGH YIELD STRENGTH REINFORCEMENT (fy = 460 N/mm²) OF DEFORMED TYPE 2 BOND CLASSIFICATION.
7. COVER TO REINFORCEMENT TO BE AS FOLLOWS :–
   PILE CAP :–
   75 mm = BOTTOM
   40 mm = TOP & SIDES
   SLAB :–
   40 mm = BOTTOM & SIDES
   25 mm = TOP
   GROUND BEAMS:–
   40 mm = BOTTOM & SIDES
   40 mm = TOP
   COLUMNS & WALLS:–
   20 mm = SIDES
   UNLESS NOTED OTHERWISE
8. MINIMUM LAP LENGTH SHOULD BE AS FOLLOWS UNLESS NOTED OTHERWISE.

T8 = 350mm	T16 = 650mm	T32 = 1300mm
T10 = 400mm	T20 = 800mm	T40 = 1600mm
T12 = 500mm	T25 = 1000mm	

9. ALL REINFORCEMENT DETAILED ON THIS IS LISTED ON BENDING SCHEDULE :– 4752/R/224 – 01–11 INC.
10. REBAR CALL UP
    no. of bars – bar dia – spacing
    22 – T40 – 31 – 125 – B2
    (no. of bars: type; bar dia: bar mark; spacing: layer)
11. BARS TO BE SUITABLY ADJUSTED/CUT AROUND CUTOUTS TO SUIT AT SITE.
12. LEGEND :–
    PC = PILECAP
    T = TOP
    B = BOTTOM
    EF = EACH FACE
    SF = SIDE FACE
    COL = COLUMN
    UB = U BARS
    LLT = LONG LEG AT TOP
    LLB = LONG LEG AT BOTTOM
    ADDNL = ADDITIONAL
    REINF. = REINFORCEMENT
    SSL = STRUCTURAL SLAB LEVEL
    TOC = TOP OF CONCRETE
    AP = ALTERNATE PLACED
    STG = STAGGERED

REFERENCE DRAWING:
READ THIS DRAWING ALONG WITH :–

4752–S–100	PILE CAP LAYOUT
4752–S–101	BASEMENT PLAN
4752–S–102	BASEMENT SECTIONS
4752–R–201	MARKING PLAN FOR PILE CAPS COLUMNS AND WALLS.

SAMPLE DRAWING

REV.	DATE	PARTICULARS	SIGN
P1	19.12.06	ISSUED FOR APPROVAL	

CLIENT

ARCHITECT

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PROJECT

PARTICULARS
RC DETAILS OF PILE CAPS
SHEET 1 of 2

DRAWN BY	RJK
CHECKED BY	APH
DATE	19.12.06
SCALE	1:50, 1:25

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REV. P1