GENERAL NOTES
01. ALL DIMENSIONS ARE IN MILLIMETERS, UNLESS NOTED OTHERWISE.
02. THESE DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATION AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
03. ALL OMISSIONS RELATING TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION AND FABRICATION IS COMMENCED.
04. THE CONCRETE LENGTHS SHOULDN'T BE SCALPED.
05. DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVER STRESSED.
06. WORKSHOP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RELEVANT CURRICULUM AS CODES INCLUDES ALL AMENDMENTS, AND LOCAL STATUTORY REQUIREMENTS, EXCEPT WHERE VARIED BY CONTRACT DOCUMENTS.
07. NO SPECIFIED HOLE AND CHASES SHALL BE MADE WITHOUT PRIOR APPROVAL OF THE ENGINEER.
08. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF TILED AREAS, FLOOR WASTES, AND SIT-DOWNS, LOCAL SURFACE DRAWINGS AND DETAILS.
09. PREP WALLS OVER 450 MM HIGHTS TO REMAIN UNTIL SLAB HAS BEEN POURED FOR 7 DAYS.
10. ALL SERVICES ARE TO BE LOCATED BEFORE CONSTRUCTION COMMENCES.

ARCHITECT/DESIGNER AMENDMENTS
A. THESE DRAWINGS ARE BASED ON ARCHITECTURAL DRAWING ISSUE AS FOLLOWS:
ARCHITECT/DESIGNER:
ARCHITECT/DESIGNER DATE & ISSUE:
ARCHITECT/DESIGNER ISSUE NOTE:

SITE CLASSIFICATION
SITE CLASSIFICATION:
CLASS 5

TYPE CONSTRUCTION:
ARTICULATED MASONRY VENEER

SELECTED FOOTING SYSTEM:
RAFT SLAB/MASS CONCRETE PADS

QUALIFIER:
CIVIL TEST ALBURY WODONGA

QUALIFIER ADDRESS:
16 KANE RD, WODONGA

REPORT:

DATED:
15 MAY 2018

SC2.
THE OWNERS ATTENTION IS DRAWN TO APPENDIX B OF AS2790-2011 “PERFORMANCE REQUIREMENTS & FOUNDATION MAINTENANCE” & CSIRO PAMPHLET BT 16 “GUIDE TO HOME OWNERS”, ON FOUNDATION MAINTENANCE AND FOOTING PERFORMANCE, A COPY OF THIS PAMPHLET IS AVAILABLE IN OUR OFFICE FOR PERusal.

SC3. DESIGN ASSUMPTION—ARTICULATED MASONRY VENEER ACCORDING TO THE CEMENT CONCRETE ASSOCIATION TECHNICAL NOTE THIS MEANS THIS REQUIRESHOULDN’T INCLUDE FULL HOLLOW ARTICULATION JOINTS WITHIN 300 OF ALL EXTERNAL CORNERS & AT A MAXIMUM OF 45 CENTERS. BUILDERS TO TOLERATE IF BRICKWORK IS TO BE PLACED OVER WINDOWS & DOORS, ALL DOORS & WINDOWS TO HAVE A FULL JOINT FORMED IN THE BRICK WORK ABOVE ON ONE SIDE, NOTE: FULL HEIGHT WINDOWS & DOORS WITH LINGING OVER ARE CONSIDERED ARTICULATED.

SUB GRADE PREPARATION
51. REMOVE 100MM TOPSOIL, INCLUDING ALL VEGETABLE MATTER ROOTS & GRASS.
52. ANY SOFT AREAS SHALL BE EXCAVATED BACK TO FIRM MATERIAL, AND FILLED WITH WELL COMPACTED GRANULAR MATERIAL.
53. THE SITE, INCLUDING HOLS SHALL BE FILLED WITH APPROVED GRANULAR MATERIAL WATERED & COMPACTED TO 95% MODIFIED DENSITY IN LAYERS NOT ExCEEDING 50MM THICKNESS UNLESS NOTED OTHERWISE.
54. THE WHOLE OF THE AREA BETWEEN THE RAFT WILL BE BOUND WITH 50MM SAND AND COVERED WITH A SPECIFIED MISTURE BARRIER PRIOR TO PLACING ANY CONCRETE.
55. ALL TERMITE AND DAMP PROOFING TO BE PERFORMED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE BCA NOTE REQUIREMENT FOR 0.2MM HIGH IMPACT RESISTANT EVA DAMP-PROOFING MEMBRANE IN NEW.
56. COMPACTED OR ROLLED FILL, FILL TO BE PLACED IN ACCORDANCE WITH AS2790 SECTION 6, MAXIMUM ALLOWED FILL TO BE 300MM IN CLAY OR 600MM IN SAND, SHOULDN’T BE COMPACTED OR ROLLED. FILL IS FILLED IN 50MM LAYERS AND COMPACTED WITH A RUBBER TYPED LOADER OR BUCKET AND LEFT TO DRY OUT.
57. TO BE PLACED OVER STRIPPED OF TOPSOIL,
58. TO BE PLACED IN 150 THICK LAYERS WATERED TO ACHIEVE A UNIFORM MOIST CONDITICN AND COMPACTED BY ROLLING OR PLATE COMPACTOR, TO A HARD IMPEACEABLE SURFACE.

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SLAB PLAN
SCALE 1:100

SLAB FILL NOTE:
1. Rolled compacted fill under slab to be maximum 300 mm of clay or 600 mm of granular material. Roll compacted fill is fill placed in 150 layers & compacted with a loaded rubber tyred loader or a bobcat with a full bucket.
2. If the above fill depths are exceeded place Ø600 bored piers or Ø350 wide x 800 long piers at max 2500 centres, an additional layer of slab mesh in bottom of slab. Additional layer of mesh to extend 1200 past maximum fill level as stated above.
3. Founded through any existing or placed fill and not less than stiffened raft edge beams or strip footings notes with an allowable end bearing capacity of 150 kPa.

AS CERTIFIED BY BUILDER

NOTE:
REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF FLOOR WASTES AND TILED AREAS.

DEEPENED FOOTING NOTE:
WHERE FOOTINGS ARE DEEPENED, PLACE ADDITIONAL N12 BAR BOTTOM FOR EVERY 200 mm OF EXTRA DEPTH.

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FOOTING FOUNDING NOTES

1. STIFFENED RAFT EDGE BEAMS
   TO BE FOUNDED:
   i) THROUGH ANY EXISTING OR PLACED FILL
   AND NOT LESS THAN 50 INTO UNDISTURBED
   NATURAL SOILS OF BROWN GRAVELLY CLAYEY
   SAND OR 300 INTO BROWN GRAVELLY SILTY
   SAND AND
   ii) NOT LESS THAN 300 BELOW EXISTING
   GROUND SURFACE.
   iii) SOIL BEARING STRENGTH NOT LESS THAN
   50 kPa.
   iv) OR ON BLINDING AS SPECIFIED BELOW
   v) OR ON PIERS AS SPECIFIED BELOW

2. STIFFENED RAFT INTERNAL BEAMS
   TO BE FOUNDED:
   i) INTO NATURAL OR ANY EXISTING, PLACED
   FILL, OF MAXIMUM DEPTH 300 UNDER BEAM.
   ii) ALL LOAD BEARING INTERNAL BEAMS & SLAB
   THICKENINGS
   TO BE FOUNDED AS PER EDGE BEAMS.

3. BLINDING
   i) SHALL BE 3% STABILIZED SAND
   ii) FOUNDED AS FOLLOWS
   iii) FOUNDED THROUGH ANY EXISTING OR
   PLACED FILL AND NOT LESS THAN STIFFENED
   RAFT EDGE BEAMS OR STRIP FOOTING NOTES
   4. Ø600 BORED CONCRETE PIERS OR 350 WIDE
   x 800 LONGPIERS
   5. MAX 2000 CTRS, EXTRA LAYER OF MESH TO
   EXTEND 1200 MM PAST LAST PIER.
   i) SHALL BE MASS CONCRETE
   ii) FOUNDAS FOLLOWS
   FOUNDATION THROUGH ANY EXISTING OR PLACED
   FILL AND NOT LESS THAN STIFFENED RAFT
   EDGE BEAMS OR STRIP FOOTINGS NOTES
   WITH AN ALLOWABLE END BEARING CAPACITY
   OF 150 kPa. (AS CERTIFIED BY BUILDER)

5. MASS CONCRETE PAD
   i) SHALL BE MASS CONCRETE
   ii) FOUNDAS FOLLOWS
   FOUNDATION THROUGH ANY EXISTING OR PLACED
   FILL AND NOT LESS THAN 250 INTO
   UNDISTURBED NATURAL SOILS OF BROWN
   GRAVELLY CLAYEY SAND OR 300 INTO BROWN
   GRAVELLY SILTY SAND AND
   iii) NOT LESS THAN 500 BELOW EXISTING
   GROUND SURFACE.
   iv) ON SOIL BEARING STRENGTH NOT LESS
   THAN 150 kPa.

NOTE:
STABILITY OF EXCAVATION TO BE
MAINTAINED DURING CONSTRUCTION

COMPACTED FILL FOR
EXCAVATIONS

CRITICAL DEPTH LINE FOR EXCAVATIONS

SPECIAL NOTE,
BUILDER IS RESPONSIBLE FOR LOCATING ALL
SERVICES & DEPTHS
INCLUDING: WATER,
STORM WATER, SEWER,
GAS. IF REQUIRED
CONTACT ENGINEER FOR
REDESIGN.

TYPICAL SERVICES TRENCH
DETAIL (SEE SPECIAL NOTE)
NOT TO SCALE
0.6 Kg/m³ MICROFIBRES IN ADDITION TO STEEL FABRIC OR ADDITIONAL LAYER OF FABRIC CENTRAL IN TILED AREAS OR TILES FIXED WITH FLEXIBLE ADHESIVE. OR FIXING OF TILES DELAYED FOR MINIMUM OF 6 MONTHS AFTER POUR.

TILED OR POLISHED CONCRETE AREA DETAIL

SCALE 1:20

FLEXIBLE MASTIC SEALANT TO MATCH BRICKWORK.

TUBULAR POLYTHENE FOAM BACKING INSTALLED IN OPEN JOINT LEFT BY BRICKLAYER

EXTERNAL BRICK WALL

HORIZONTAL BRICK TIE

INTERNAL STUD WALL

Saw cut "D/4" deep

NOTE: SAWCUT TO BE MADE WITHIN 24 HOURS OF CONCRETE POUR, DEPRESS REINFORCEMENT LOCALLY AT JOINT TO MAINTAIN COVER, CUT ALTERNATE WIRES OF MESH AT JOINT

TYPICAL SAW CUT JOINT (SCJ)

SCALE 1:10

PLACE ABEI FLEX AGAINST MASONRY WALLS.

SLAB AS NOTED

TYPICAL SECTION

SCALE 1:20

ARTICULATION JOINT DETAIL

SCALE 1:10

12 BASE PLATE 6CFW TO COLUMN 2-M16 CHEMSETS, EMBED MIN 125, MIN EDGE DISTANCE 75mm TYPICAL.

TYPICAL BASE PLATE DETAIL

SCALE 1:20

450 ET 350 200

500

P1