

- GENERAL NOTES G1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE SUPERINTENDENT/ENGINEER BEFORE PROCEEDING WITH THE WORK. G2 MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT SAA CODES, LOCAL GOVERNMENT REQUIREMENTS OR OTHER RELEVANT BUILDING AUTHORITY. G3 ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE BUILDER ON SITE. ENGINEERS' DRAWINGS SHALL NOT BE SCALED. G4 DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND

- G4 DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED. THE OCCUPATIONAL HEALTH AND SAFETY ACT AND WORKCOVER CODES OF PRACTICE SHALL BE COMPLIED WITH.
- G5 U.N.O. DENOTES "UNLESS NOTED OTHERWISE". ALL DIMENSIONS SHOWN ARE IN MILLIMETRES U.N.O.
- FOUNDATIONS F1 FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF ...100. KPa U.N.O. FOUNDATION MATERIAL SHALL BE APPROVED FOR THIS PRESSURE BEFORE PLACING CONCRETE IN FOOTINGS.
- LOADING
- L1 SUPERIMPDSED FLOOR LOADS ARE GENERALLY IN ACCORDANCE WITH AS/NZ51170.1 OR AS NOTED IN L2 WIND LOADS ARE IN ACCORDANCE WITH AS/NZS1170.2 AS FOLLOWS
- REGION = A BASIC WIND VELOCITY Vr = 41 m/s TERRAIN CATEGORY = 3 L3 EARTHQUAKE LOADS ARE IN ACCORDANCE WITH AS1170.4 PART 4 AS FOLLOWS:
- .S = t = a = L4 LIVE LOADING: Design Live Load kPa

CONCRETE QUALITY SH	SIALL BE /	AS FOLLO	WS:		·.			
Element		f'c	Slump	Max.	Reinforcement cover			
L'ILINGIO D		MPa	៣៣	Size	Btm.	Too	Btm.	Tep
FOOTINGS		25	80	20	50	50	50	50
							1	

- U.N.O. CEMENT SHALL BE TYPE GP. BUILDER TO PROVIDE FOR & SUPPLY RESULTS OF PROJECT CONTROL TESTING IN ACCORDANCE WITH AS1379 U.N.O.
- C2 U.N.O. CONCRETE SHRINKAGE TO BE 700 MICROSTRAIN MAXIMUM AT 56 DAYS. TEST METHOD
- C3 CONCRETE SIZES SHOWN DO NOT INCLUDE THICKNESSES OF APPLIED FINISHES. C4 DEPTHS OF BEAMS ARE GIVEN FIRST AND INCLUDE SLAB THICKNESS.
- C5 FOR CHAMFERS, DRIP GROOVES, REGLETS ETC. REFER ARCHITECTS DETAILS. C6 NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- C7 CONCRETE COVER SHALL BE MAINTAINED BY THE USE OF PLASTIC BAR CHAIRS AT 750mm MAXIMUM CENTRES U.N.O. PLASTIC TIPPED FERROUS CHAIRS ARE NOT PERMITTED. C8 CONSTRUCTION JOINTS WHERE NOT SHOWN SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER IN WRITING.
- C9 REINFORCEMENT SYMBOLS: SL DENOTES GRADE 500 DEFORMED WIRE REINFORCING SQUARE FABRIC OF DUCTILITY CLASS L TO A54671. RL DENOTES GRADE 500 DEFORMED WIRE REINFORCING RECTANGULAR FABRIC OF DUCTILITY
- CLASS L TO AS4671. R DENOTES GRADE 250 ROUND BARS OF DUCTILITY CLASS N TO AS4671. N DENOTES GRADE 250 ROUND BARS OF DUCTILITY CLASS N TO AS4671. S DENOTES GRADE 250 DEFORMED BARS OF DUCTILITY CLASS N TO AS4671. C10 REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE POSITION. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN POSITIONS SHOWN OR OTHERWISE APPROVED IN WRITING BY THE FINITHER. IN WRITING BY THE ENGINEER
- CIT MINIMUM FABRIC LAP SHALL BE TWO TRANSVERSE WIRES PLUS 30mm. MINIMUM 500mm LAP LENGTH FOR TRENCH MESH. C12 ALL CONCRETE SHALL BE PLACED AND CURED IN ACCORDANCE WITH SECTION 19 AS.3600. CURING
- HUST BE APPLIED TO SLABS IMMEDIATELY AFTER FINISHING AND ONTO WALLS AND COLUMNS IMMEDIATELY AFTER REMOVAL OF FORMWORK. CURING COMPOUNDS MUST BE COMPATIBLE WITH
- FUTURE FINISHES, PVA BASED CURING COMPDUNDS ARE NOT PERMITTED C13 BUILDER SHALL BE RESPONSIBLE FOR DESIGN OF FORMWORK, SHORING AND SCAFFOLDING. FORMWORK AND SHORING SHALL COMPLY WITH AS3610. SCAFFOLDING SHALL COMPLY WITH AS/NZS1576. C14 NO FORMWORK SHALL BE STRIPPED UNLESS APPROVED BY THE ENGINEER.
- C15 SLABS AND BEAMS SHALL BEAR ONLY ON THE COLUMNS AND WALLS SHOWN ON THE DRAWINGS. ALL OTHER BUILDING ELEMENTS SHALL BE KEPT 15mm CLEAR FROM SOFFITS OF STRUCTURE. C16 WHERE TRANSVERSE THE BARS ARE NOT SHOWN PROVIDE N12-300 SPLICED WHERE NECESSARY AND LAP WITH MAIN BARS 400mm.

MASONRY

- M1 ALL MASONRY CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH AS.3700.
 M2 U.N.O. BRICKS USED IN LOAD BEARING CONSTRUCTION SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 20 MPa. U.N.O. THE BRICK CHARACTERISTIC EXPANSION "&" SHALL NOT EXCEED 0.8mm/m FOR WHICH COMPLIANCE CERTIFICATION SHALL BE OBTAINED FROM THE BRICK SUPPLIER.
 M3 CONCRETE BLOCKS SHALL BE GRADE 12 U.N.O. IN ACCORDANCE WITH AS/NZS4455

- M3 CONCRETE BLOCKS SHALL BE GRADE 12 U.N.O. IN ACCORDANCE WITH AS/NZ36455
 M4 CLEAN OUT OPENINGS ARE REQUIRED AT THE BASE OF ALL REINFORCED BLOCK WALLS AND ABOVE HORIZONTAL CONSTRUCTION JOINTS.
 M5 ALL CORES SHALL BE CLEANED OF MORTAR AT THE END OF EACH DAY, GROUT IN CORES SHALL BE COMPACTED BY RODDING OR OTHER APPROPRIATE MEANS IN 1000 MAXIMUM HIGH LIFTS.
 M6 A 300mm WIDE STRIP OF COURSE GRAINED GRANULAR BACKFILL IS TO BE PLACED BEHIND ALL RETAINING WALLS. REFER TO SPECIFICATION RF HEMBRAME AND SUB-SOIL DRAINAGE.
 M7 HORTAR SHALL BE FRESHLY PREPARED AND COMPOSED OF CEMENT : LIME : SAND IN THE RATIO 116 U.N.O. MORTAR BED THICKNESS SHALL NOT EXCEED 10mm. MORTAR BOND STRENGTH SHALL BE A MINIMUM OF Fimt = 0.2MPo. BOND WRENCH TESTS ON A TEST PANEL OR IN SITU TO AS.3700 SHALL BE CARRIED OUT TO CONFIRM BOND STRENGTH.
 M8 NO AIR ENTRAINING AGENTS SHALL BE USED IN THE MORTAR.
 M9 WHERE SLABS DR BEAMS BEAR ON MASONRY, A LEVEL SMOOTH BED OF MORTAR SHALL BE PLACED ON THE TOP COURSE AND LOWFRES OF SUPER ALCOR OR OTHER APPROVED MATERIAL.
 M10 NO MASONRY WALLS SHALL BE CRETED WITH TWO LAYERS OF SUPER ALCOR OR OTHER APPROVED MATERIAL.
 M10 NO MASONRY WALLS BHALL BE CRETED ON SUSPENDED SLABS AND BEAMS UNTIL ALL PROPPING AND SHORING IS REMOVED. AND SHORING IS REMOVED.
- AND SHORING IS REMOVED. M11 MASONRY WALLS SHALL BE TIED TO RETURN WALLS OR ADJACENT STRUCTURAL ELEMENTS USING APPROVED WALLTES. FREE VERTICAL MASONRY EDGES TO BE RESTRAINED USING 75 x 75 x 4 RHS MULLION UNLESS OTHER MEMBER IS INDICATED. M12 CHASES, HOLES, RECESSES ETC. SHALL NOT BE MADE IN LOAD BEARING MASONRY WALLS. M13 VERTICAL CONTROL JOINTS IN CLAY AND CALCIUM SULCATE BRICK WALLS TO BE 12000mm MAXIMUM APART. VERTICAL CONTROL JOINTS IN CLAY AND CALCIUM SULCATE BRICK WALLS TO BE 6000mm MAXIMUM APART. VERTICAL CONTROL JOINTS IN CONCRETE BRICK AND AAC BLOCK WALLS TO BE 6000mm MAXIMUM APART. VERTICAL CONTROL JOINTS IN CONCRETE BRICK AND AAC BLOCK WALLS TO BE 6000mm MAXIMUM APART. VERTICAL CONTROL JOINTS IN CONCRETE BRICK AND ACCESSORIES SHALL COMPLY WITH AS/NZ52599 AND ASJ70D. U.N.O. ABOVE GROUND EXTERIOR WALLS TIES WITHIN 1Km OF THE COASTLINE SHALL HAVE A CORROSION RESISTANCE RATING OF R3 AND WILL BE STAINLESS STEEL GRADE 316. FOR ALL OTHER AREAS U.N.O. ABOVE GROUND EXTERIOR WALLS TIES SHALL HAVE A CORROSION RESISTANCE RATING OF R2 AND WILL BE HEAVILY GALVANISED TYPE A WIRE CONFORMING TO AS/NZ54534
- AS/NZ\$4534
- AS/NZ54554 M15 REINFORCE INTERNAL AND EXTERNAL BRICK SKINS WITH ONE LAYER OF MASONRY REINFORCEMENT Immediately above first brick course above floor and lintel levels. Lap Reinforcement 400mm around corners. Lay 1st course on 1 layer of alcor separation.

2	CO-ORDINATION ISSUE	BZL	19.02.09	
1	PRELIMINARY ISSUE	BZL	18.02.09	
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- SI. GEORGE BANK
- Project ALTERATIONS AND ADDITIONS AT 17 THE CORSO MANLY

Title GROUND AND FIRST FLOOR PLANS AND DETAILS

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Scales 1:100,	20		Job No. 608421	Dwg No.		Issue 2	