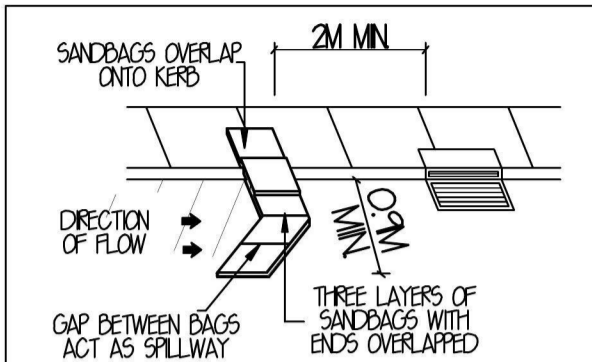
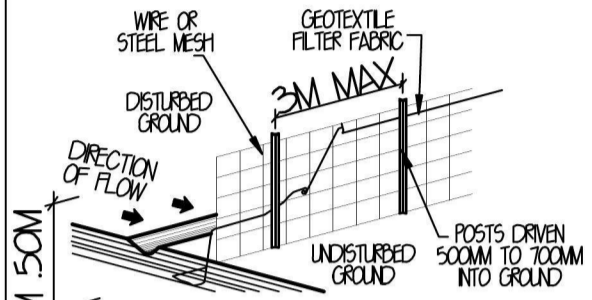


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KERB INLET SEDIMENT TRAP



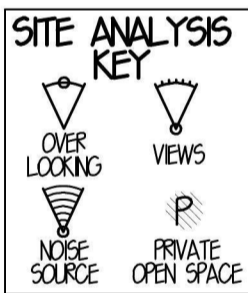
SILT FENCE DETAIL

SEDIMENT CONTROL NOTES

- ALL EROSION AND SEDIMENTATION CONTROL MEASUREMENTS, INCLUDING REVEGETATION AND STORAGE OF SOIL AND TOPSOIL, SHALL BE IMPLEMENTED TO THE STANDARDS OF THE SOIL CONSERVATION OF NSW.
- ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AROUND AND STABILISED AS EARLY AS POSSIBLE DURING DEVELOPMENT
- SEDIMENT TRAPS SHALL BE CONSTRUCTED AROUND ALL INLET PITS, CONSISTING OF 300MM WIDE X 300MM DEEP TRENCH.
- ALL SEDIMENT BASINS AND TRAPS SHALL BE CLEANED WHEN THE STRUCTURES ARE A MAXIMUM OF 60% FULL OF MATERIALS, INCLUDING THE MAINTENANCE PERIOD.
- ALL DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS THE RELEVANT WORKS ARE COMPLETED.
- SOIL AND TOPSOIL STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE LINES AND AREA WHERE WATER MAY CONCENTRATE.
- FILTER SHALL BE CONSTRUCTED BY STRETCHING A FILTER FABRIC (PROPEX OR APPROVED EQUIVALENT BETWEEN POST AT 2M CENTRES). FABRIC SHALL BE BURIED 150MM ALONG ITS LOWER EDGE.

GENERAL NOTES:

- STORMWATER TO DISCHARGE INTO DESIGNATED DISCHARGE POINT TO PCA REQUIREMENTS
- SEWER TO LOCAL AUTHORITIES REQUIREMENTS.
- ALL GROUND LINES ARE TO BE VERIFIED ON-SITE BY THE BUILDER.
- FINAL LOCATION OF BUILDINGS TO BE VERIFIED ON-SITE BY A REGISTERED SURVEYOR.
- WRITTEN DIMENSIONS TO TAKE PRECEDENCE OVER SCALING. ANY PLAN DISCREPANCIES TO BE REFERRED BACK TO A&N DESIGN BEFORE PROCEEDING
- SITE CLASSIFICATION H1
- CUT AND FILL HOUSE PLATFORM APPROXIMATELY TO RL19-8 GARAGE TO RL19-8
- HOUSE FLOOR LEVEL RL20-185, 385MM ABOVE PLATFORM LEVEL. GARAGE FLOOR LEVEL APPROX. RL20-099, 299MM ABOVE PLATFORM LEVEL
- TOTAL ROOF AREA = 176-2 M²



GREENWOOD PARKWAY
SITE ANALYSIS & SITE PLAN 1:200

- (A) EASEMENT FOR ACCESS AND MAINTENANCE 0.9 WIDE
- (B) EASEMENT TO DRAIN WATER 20 WIDE
- (J) RESTRICTION ON THE USE OF LAND
- (K) RESTRICTION ON THE USE OF LAND
- (L) RESTRICTION ON THE USE OF LAND

- DENOTES STORMWATER TO BE DIRECTED INTO RAINWATER TANK FINAL LOCATION TO BE VERIFIED ON SITE BY THE BUILDER
- DENOTES STORMWATER TO BE DIRECTED INTO DRAINAGE EASEMENT FINAL LOCATION TO BE VERIFIED ON SITE BY THE BUILDER

NOTE:
-VEHICLE CROSSOVER TO BE PLAIN CONCRETE TO PCC SPECIFICATION
-ANY EXISTING STREET TREES AND VERGE PLANTING ARE TO BE PROTECTED DURING CONSTRUCTION
-ANY RETAINING WALLS VISIBLE FROM THE STREET OR 900MM AND OVER ON THE LOT ARE TO BE OF MASONRY CONSTRUCTION

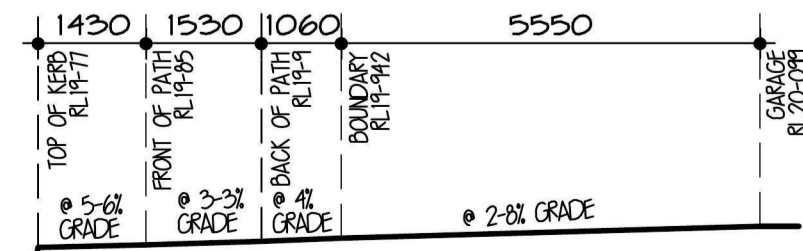
SITE DATA

SITE AREA= 300 M²
PRIVATE OPEN SPACE= REQUIRED= 15% OR 45 M² PROVIDED= 25-3% OR 75-8 M²

FLOOR AREAS

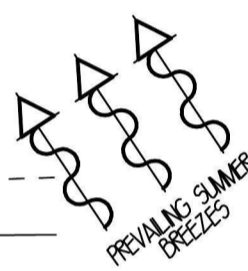
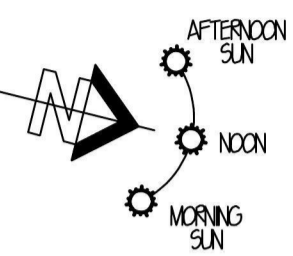
FLOOR AREA= 126-0 M² (NOT INCLUDING GARAGE)
GARAGE FLOOR AREA= 18-8 M²
PORCH FLOOR AREA= 3-8 M²
ALFRESCO FLOOR AREA= 10-0 M²

TOTAL FLOOR AREA= 158-6 M² OR 17-1 SQS



DRIVEWAY PROFILE 1:100

REFER PAGE 4 FOR ALL BUSHFIRE NOTES



- DENOTES EXISTING TREES TO BE REMOVED
- DENOTES RETAINING WALL BY OWNER
- DENOTES SILT FENCE BARRIER
- DENOTES DROPPED EDGE BEAM
- DENOTES LINE OF BATTER TO CUT OR FILL

EDEN BRAE CONNECT HOMES
LEVEL 3, 22 BROOKHOLLOW AVENUE,
NORWEST BUSINESS PARK,
BALLKHAM HILLS NSW 2153
P 8860 9222
F 8860 9235

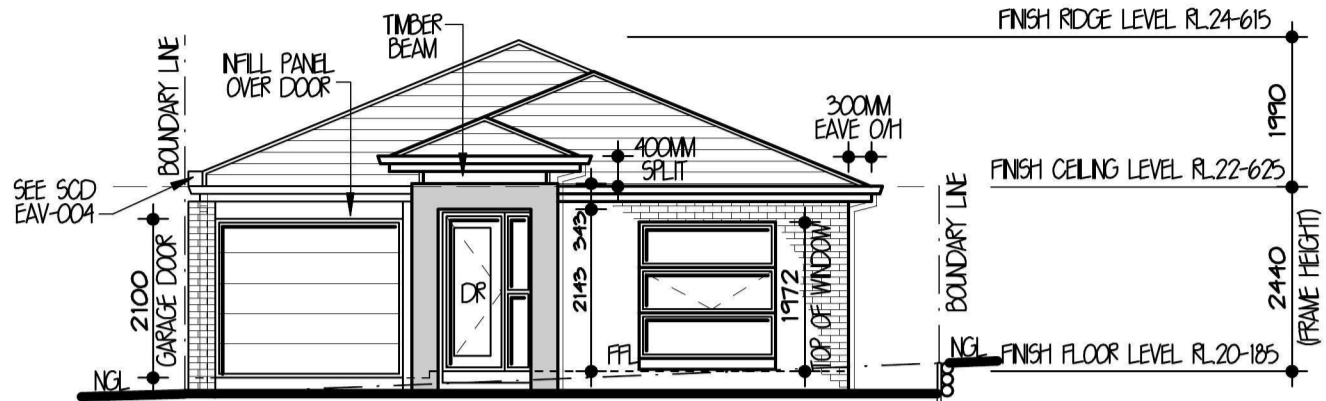
FOR CONNECT HOMES	
AT LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS	
TYPE MANCHESTER 18	JOB NO. 20076
FACADE ASPECT (SMART LIVING SERIES)	HAND LH
MASTER A19461	DWG NO. A20470
	PAGE NO. 1 OF 7



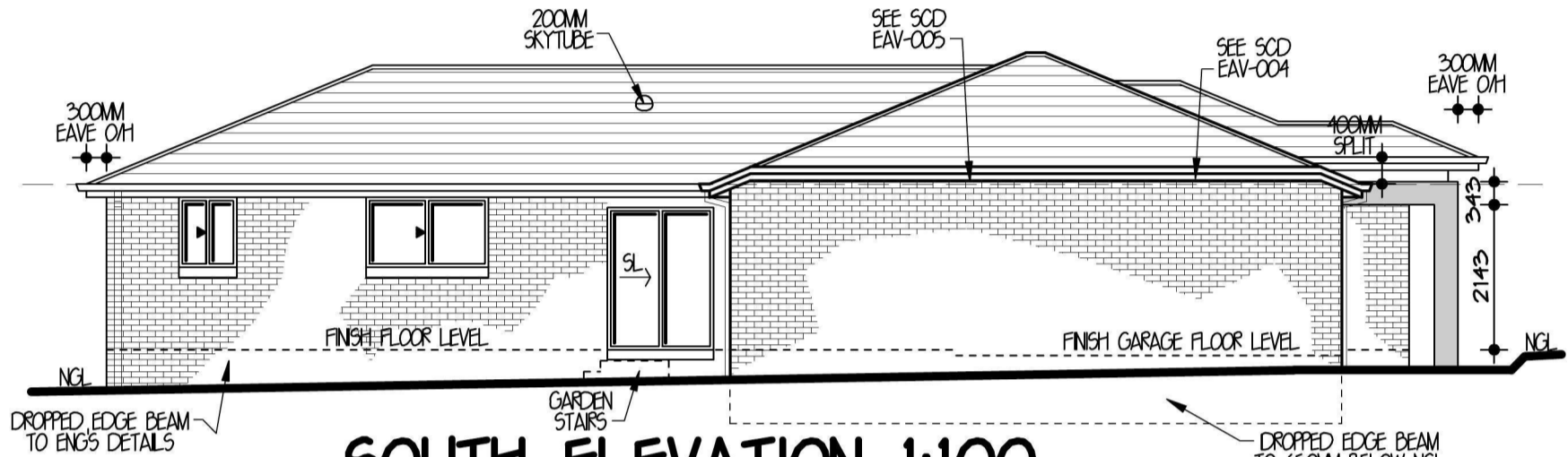
UNIT 39/5 INGLEWOOD PLACE,
NORWEST BUSINESS PARK,
BALLKHAM HILLS NSW 2153
P.O. BOX 6410 BALLKHAM HILLS
BUSINESS CENTRE NSW 2153
PHONE: (02) 8824 3533 FAX: (02) 8824 3544
EMAIL: INFO@ANDDESIGNSYDNEY.COM.AU

ISS	DATE	REVISION	DRAWN
A	25-9-13	CC PLANS	J5
B	06-11-13	AMENDMENTS + BASIX	JV
C	13-11-13	AMENDMENTS	CY

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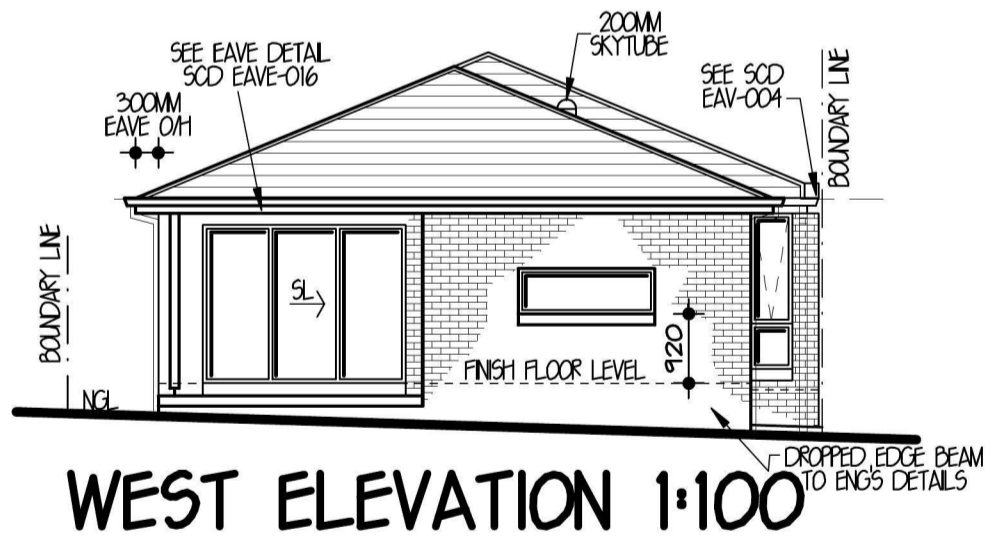
EAST ELEVATION 1:100



SOUTH ELEVATION 1:100



NORTH ELEVATION 1:100



WEST ELEVATION 1:100

EDEN BRAE CONNECT HOMES

LEVEL 3, 22 BROOKHOLLOW AVENUE,
NORWEST BUSINESS PARK,
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P: 8860 9222
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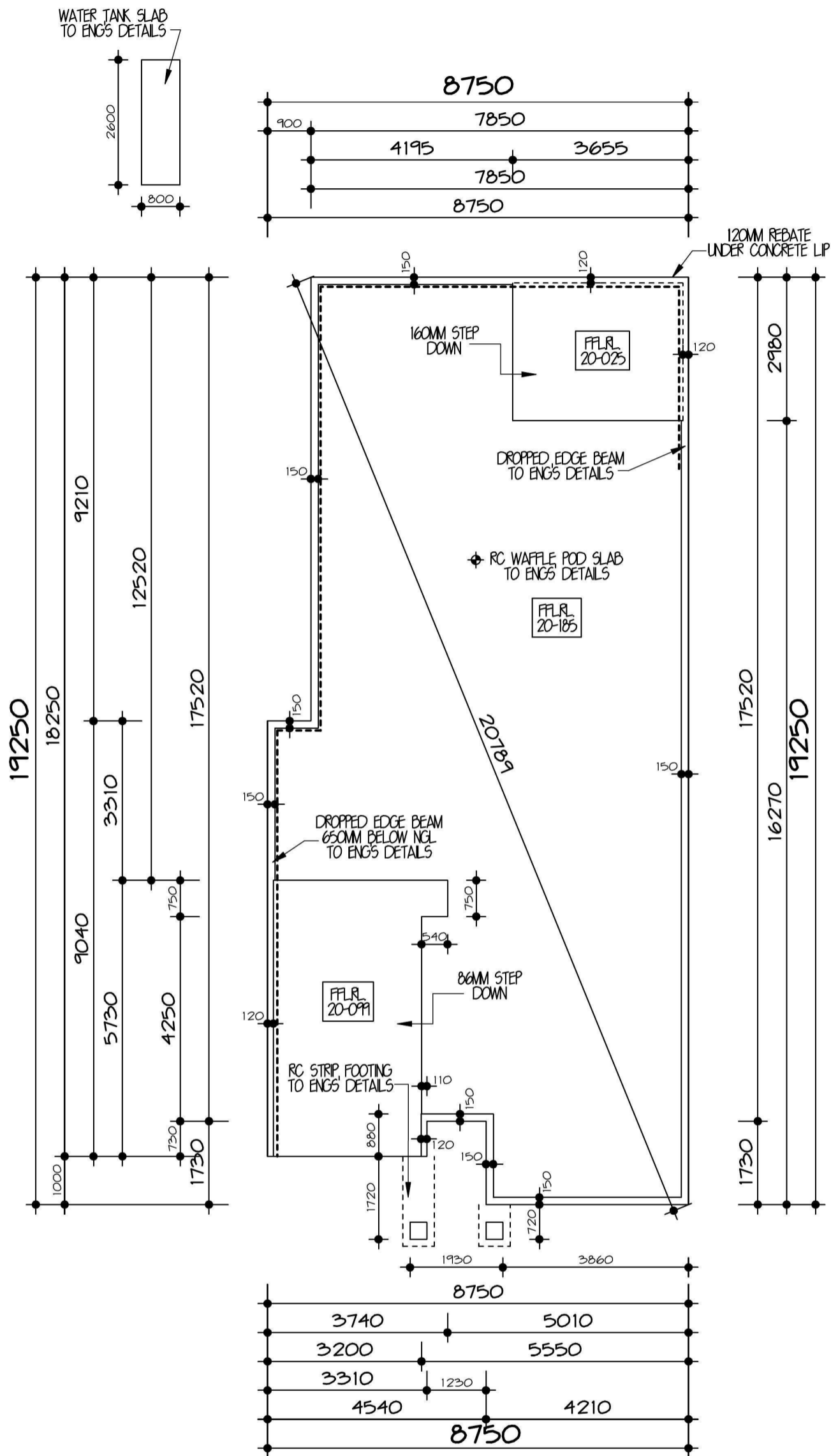
FOR		CONNECT HOMES	
AT LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS			
TYPE	MANCHESTER 18	JOB NO.	20076
FACADE	ASPECT (SMART LIVING SERIES)	HAND	LH
MASTER	A19461	DWG NO.	A20470
		PAGE NO.	3 OF 7



UNT 39/5 NGLEWOOD PLACE,
NORWEST BUSINESS PARK,
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PHONE: (02) 8824 3533 FAX: (02) 8824 3544
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SLAB FLOOR PLAN 1:100

SLAB PLAN TO BE CROSS REFERENCED WITH FLOOR PLANS. ANY DISCREPANCIES ARE TO BE VERIFIED BEFORE PROCEEDING

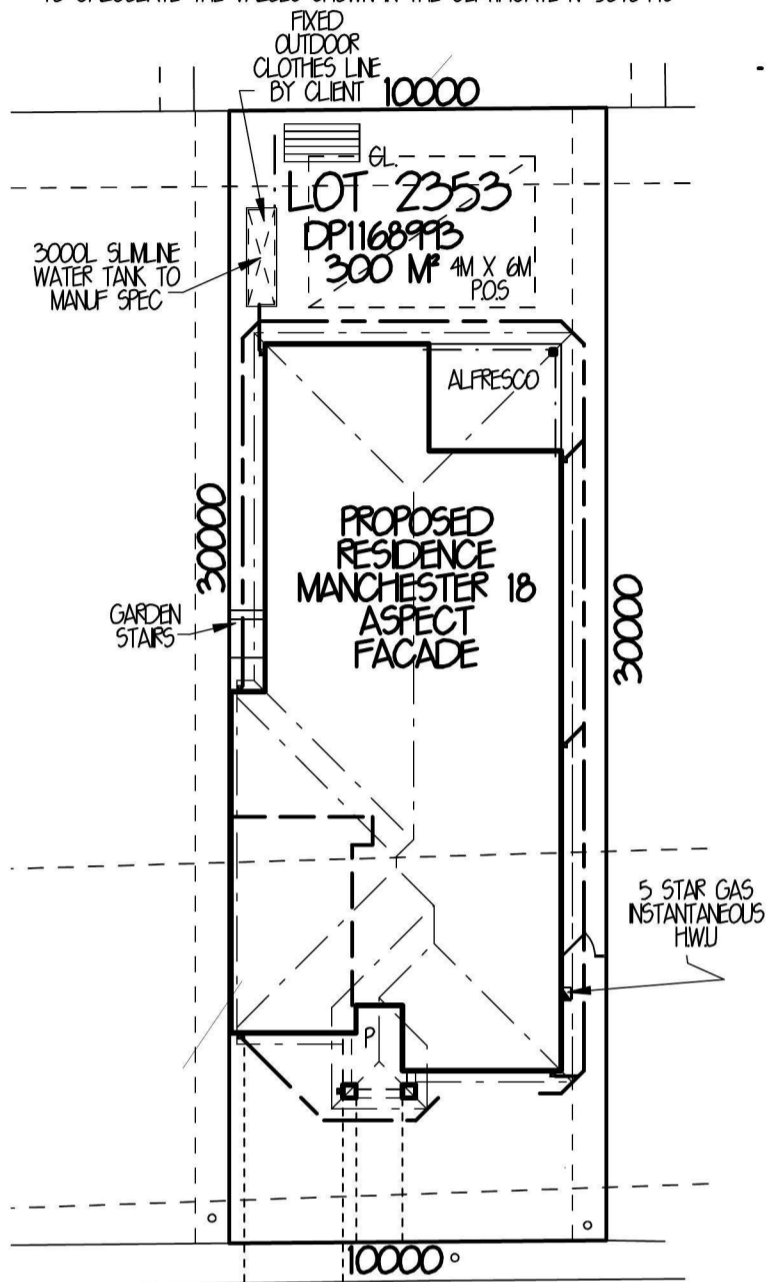
EDEN BRAE CONNECT HOMES LEVEL 3, 22 BROOKHOLLOW AVENUE, NORWEST BUSINESS PARK, BAULKHAM HILLS NSW 2153 P: 8860 9222 F: 8860 9233		
FOR CONNECT HOMES		
AT LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS		
TYPE MANCHESTER 18	JOB NO. 20076	
FACADE ASPECT (SMART LIVING SERIES)	HAND LH	
MASTER A19461	DWG NO. A20470	PAGE NO. 5 OF 7

UNIT 3915 INGLEWOOD PLACE, NORWEST BUSINESS PARK, BAULKHAM HILLS NSW 2153 P.O. BOX 6410 BAULKHAM HILLS BUSINESS CENTRE NSW 2153 PHONE: (02) 8824 3533 FAX: (02) 8824 3544 EMAIL: INFO@ANDESIGNSYDNEY.COM.AU			
ISS	DATE	REVISION	DRAWN
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C	13-11-13	AMENDMENTS	CY

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THERMAL COMFORT

THE APPLICANT MUST CONSTRUCT THE DEVELOPMENT IN ACCORDANCE WITH THE REQUIREMENTS SET OUT IN THE CERTIFICATE N° 5070445 AND IN ACCORDANCE WITH THOSE ASPECTS OF THE DEVELOPMENT APPLICATION OR APPLICATION FOR COMPLYING DEVELOPMENT CERTIFICATE WHICH WERE USED TO CALCULATE THE VALUES SHOWN IN THE CERTIFICATE N° 5070445



BM 62 RL 20.00 (ASSUMED)
GREENWOOD PARKWAY
BASIX PLAN 1:200

INSULATION

R2-0 WALL INSULATION
 R3-5 CEILING INSULATION (EXCLUDING GARAGE & ALFRESCO)
 ROOF SARKING

BASIX SCORE

WATER - 40% (TARGET 40%)
 THERMAL COMFORT - PASS (TARGET PASS)
 ENERGY - 41% (TARGET 40%)

(BASIX CERTIFICATE NUMBER: 5070445)

STORMWATER / WATER

COLLECTION OF RAINWATER & STORMWATER:
 THE APPLICANT MUST INSTALL A RAINWATER TANK ON THE SITE. THE RAINWATER TANK MUST MEET, AND BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE REGULATORY AUTHORITIES

RAINWATER TANK:
 THE APPLICANT MUST CONFIGURE THE RAINWATER TANK TO COLLECT RUNOFF FROM AT LEAST 148 SQM OF THE ROOF AREA OF THE DWELLING

THE APPLICANT MUST CONNECT THE RAINWATER TANK TO ALL THE TOILETS IN THE DEVELOPMENT, SO THAT RAINWATER CAN BE USED FOR TOILET FLUSHING.

THE APPLICANT MUST CONNECT THE RAINWATER TANK TO THE COLD WATER TAP THAT SUPPLIES EACH CLOTHES WASHING MACHINE IN THE DEVELOPMENT, SO THAT RAINWATER CAN BE USED FOR CLOTHES WASHING.

THE APPLICANT MUST CONNECT THE RAINWATER TANK TO A LEAST ONE OUTDOOR TAP IN THE DEVELOPMENT SO THAT RAINWATER CAN BE USED TO IRRIGATE VEGETATED AREAS OF THE SITE.

THE RAINWATER TANK MUST HAVE A CAPACITY OF AT LEAST 3000 LITRES.

SHOWERHEADS:
 THE APPLICANT MUST INSTALL SHOWERHEADS WITH A MINIMUM RATING OF 3 STAR (75 BUT <=9L/MIN) IN ALL SHOWERS IN THE DEVELOPMENT

TOILETS:
 THE APPLICANT MUST INSTALL A TOILET FLUSHING SYSTEM WITH A MINIMUM RATING OF 3 STAR IN EACH TOILET IN THE DEVELOPMENT.

TAP FITTINGS:
 THE APPLICANT MUST INSTALL TAPS WITH A MINIMUM FLOW RATE OF 3 STAR IN THE KITCHEN IN THE DEVELOPMENT.

THE APPLICANT MUST INSTALL BATHROOM TAPS (OTHER THAN SHOWERHEADS) WITH A MINIMUM FLOW RATE OF 3 STAR IN EACH BATHROOM IN THE DEVELOPMENT

ENERGY

HOT WATER:
 THE APPLICANT MUST INSTALL THE FOLLOWING HOT WATER SYSTEM IN THE DEVELOPMENT:
 GAS INSTANTANEOUS - 5 STARS. (OR ONE WITH A HIGHER STAR RATING)

ACTIVE COOLING:
 THE APPLICANT MUST INSTALL THE FOLLOWING COOLING SYSTEMS IN THE DEVELOPMENT, OR SYSTEMS WITH A HIGHER ENERGY RATING: 1 LIVING AREA: 3 PHASE AIRCONDITIONING: ENERGY RATING: EER 30 - 35.
 THE BEDROOMS MUST NOT INCORPORATE ANY COOLING SYSTEM, OR ANY DUCTING WHICH IS DESIGNED TO ACCOMMODATE A COOLING SYSTEM.

ACTIVE HEATING:
 THE APPLICANT MUST INSTALL THE FOLLOWING HEATING SYSTEMS IN THE DEVELOPMENT, OR SYSTEMS WITH A HIGHER ENERGY RATING: 1 LIVING AREA: 3 PHASE AIRCONDITIONING: ENERGY RATING: EER 30 - 35.
 THE BEDROOMS MUST NOT INCORPORATE ANY HEATING SYSTEM, OR ANY DUCTING WHICH IS DESIGNED TO ACCOMMODATE A HEATING SYSTEM.

VENTILATION:
 THE APPLICANT MUST INSTALL THE FOLLOWING EXHAUST SYSTEMS IN THE DEVELOPMENT:
 AT LEAST 1 BATHROOM: INDIVIDUAL FAN, NOT DUCTED, OPERATION CONTROL: MANUAL SWITCH ON/OFF
 KITCHEN: INDIVIDUAL FAN, NOT DUCTED, OPERATION CONTROL: MANUAL SWITCH ON/OFF
 LAUNDRY: NATURAL VENTILATION ONLY, OR NO LAUNDRY: OPERATION CONTROL: N/A

NATURAL LIGHTING:
 THE APPLICANT MUST INSTALL A WINDOW AND/OR SKYLIGHT IN 2 BATHROOM(S)/TOILET(S) IN THE DEVELOPMENT FOR NATURAL LIGHTING.

THE APPLICANT MUST INSTALL A WINDOW AND/OR SKYLIGHT IN THE KITCHEN OF THE DWELLING FOR NATURAL LIGHTING

COOKING:
 THE APPLICANT MUST INSTALL A GAS COOKTOP & ELECTRIC OVEN IN THE KITCHEN OF THE DWELLING.

OTHER:
 THE APPLICANT MUST INSTALL A FIXED OUTDOOR CLOTHES DRYING LINE AS PART OF THE DEVELOPMENT

THE APPLICANT MUST CONSTRUCT EACH REFRIGERATOR SPACE IN THE DEVELOPMENT SO THAT IT IS WELL VENTILATED

EDEN BRAE CONNECT HOMES		
LEVEL 3, 22 BROOKHOLLOW AVENUE, NORWEST BUSINESS PARK, BALLKHAM HILLS NSW 2153 P: 8860 9222 F: 8860 9233		
FOR CONNECT HOMES		
AT LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS		
TYPE MANCHESTER 18	JOB NO. 20076	
FACADE ASPECT (SMART LIVING SERIES)	HAND LH	
MASTER A19461	DWG NO. A20470	PAGE NO. 7 OF 7

AGN DESIGN			
SYDNEY			
UNIT 39/5 NGLEWOOD PLACE, NORWEST BUSINESS PARK, BALLKHAM HILLS NSW 2153 P.O. BOX 6410 BALLKHAM HILLS BUSINESS CENTRE NSW 2153 PHONE: (02) 8824 3533 FAX: (02) 8824 3544 EMAIL: NFO@ANDESIGNSYDNEY.COM.AU			
ISS	DATE	REVISION	DRAWN
A	25-9-13	CC PLANS	J5
B	06-11-13	AMENDMENTS + BASIX	JV
C	13-11-13	AMENDMENTS	CY

CONSTRUCTION NOTES

GENERAL: UNLESS NOTED OTHERWISE

- THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER WORKING DRAWINGS AND SPECIFICATIONS AND ANY OTHER WRITTEN INSTRUCTIONS ISSUED DURING CONSTRUCTION. ALL DISCREPANCIES AND VARIATIONS SHALL BE REFERRED TO THE ENGINEER, BEFORE PROCEEDING WITH THE WORK.
- DURING CONSTRUCTION THE STRUCTURE AND ANY ADJACENT STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.
- DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWING ALL LEVELS AND SETTING OUT DIMENSIONS SHOWN ON THE DRAWINGS SHALL BE CHECKED ON SITE PRIOR TO THE COMMENCEMENT OF THE WORKS.
- THE CONTRACTOR IS RESPONSIBLE TO ESTABLISH THE LOCATION, SIZE AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS.
- ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF RELEVANT AUSTRALIAN STANDARD CODES AND THE REGULATIONS OF THE RELEVANT BUILDING AUTHORITY
- UNLESS REQUESTED AND PRODUCED ON THE PLANS, THE BUILDER IS TO ENSURE THAT ARTICULATION JOINTS ARE SHOWN ON THEIR ARCHITECTURAL DRAWINGS AND BE SATISFIED THAT THEY ARE IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND BUILDING CODES.
- ALL SITE SAFETY MEASURES AND WORK METHOD STATEMENTS PREPARED BY BUILDER/SUB-CONTRACTORS ARE TO BE IMPLEMENTED DURING CONSTRUCTION. NO WORK IS TO COMMENCE UNTIL SUPERVISOR/BUILDER HAS IDENTIFIED AND APPROPRIATELY ACTED ON ANY POTENTIAL HAZARDS.
- BUILDER TO ADHERE TO ANY GEOTECHNICAL REPORT RECOMMENDATIONS PREPARED FOR THE SITE.
- REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF RAINWATER TANK AC, HWS AND LPG UNITS.

CONCRETE

- CONCRETE SPECIFICATION (F_c 28 DAYS) TO BE AS FOLLOWS: ADOPT TYPE 'A' CEMENT WITH MAX AGGREGATE SIZE OF 20mm AND 80mm SLUMP

LOCATION	NORMAL F _c	SALINE AFFECTED F _c
PIERS	20 MPa	32 MPa
SLAB	20 MPa	32 MPa
STRIP FOOTINGS	25 MPa	32 MPa

- CLEAR COVER TO REINFORCEMENT TO BE AS FOLLOWS:

LOCATION	FORMED & SHELTERED	FORMED & EXPOSED	POURED ON GROUND
SLABS & WALLS	20	30	65
BEAMS	25	40	65
COLUMNS	40	50	—
STRIP FOOTING	—	—	65

- REINFORCEMENT SYMBOLS ARE FOLLOWS:
(N) - HOT ROLLED DEFORMED BARS (400 n)
(SL) - HARD-DRAWN WIRE REINFORCING FABRIC (450 sl)
(S) - STRUCTURAL GRADE DEFORMED BARS

- NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS ARE TO BE MADE IN CONCRETE MEMBERS WITHOUT PRIOR ENGINEERS APPROVAL.

- CONSTRUCTION JOINTS THAT ARE NOT SHOWN SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER

- ALL REINFORCEMENT TO BE ADEQUATELY SUPPORTED IN ITS REQUIRED POSITION AND COVER DURING PLACEMENT OF CONCRETE

- PIPES OR CONDUITS SHALL NOT BE PLACED WITHIN THE CONCRETE COVER TO REINFORCEMENT WITHOUT THE APPROVAL OF THE ENGINEER.

- ALL CONCRETE TO BE MECHANICALLY VIBRATED AND SHALL BE CAREFULLY WORKED AROUND THE REINFORCEMENT AND INTO THE CORNERS OF FORMWORK EARTHWORKS

- FOOTINGS ARE DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 100kPa.

- PIER HOLES ARE DESIGNED FOR ALLOWABLE BEARING PRESSURE OF 200kPa.

- FOUNDATION MATERIAL SHALL BE APPROVED PRIOR TO CONSTRUCTION

- ADDITIONAL CONCRETE PIERS MAY BE REQUIRED UNDER SLAB TO EVEN BEARING IN SOIL AS RECOMMENDED BY AUSTRALIAN STANDARD AS 2870.

- ADDITIONAL PIERS IN THE CUT SECTION OF BUILDING PLATFORM MAY ALSO BE REQUIRED TO ACHIEVE THE SAME BEARING AS PIERS IN THE FILL SECTION.

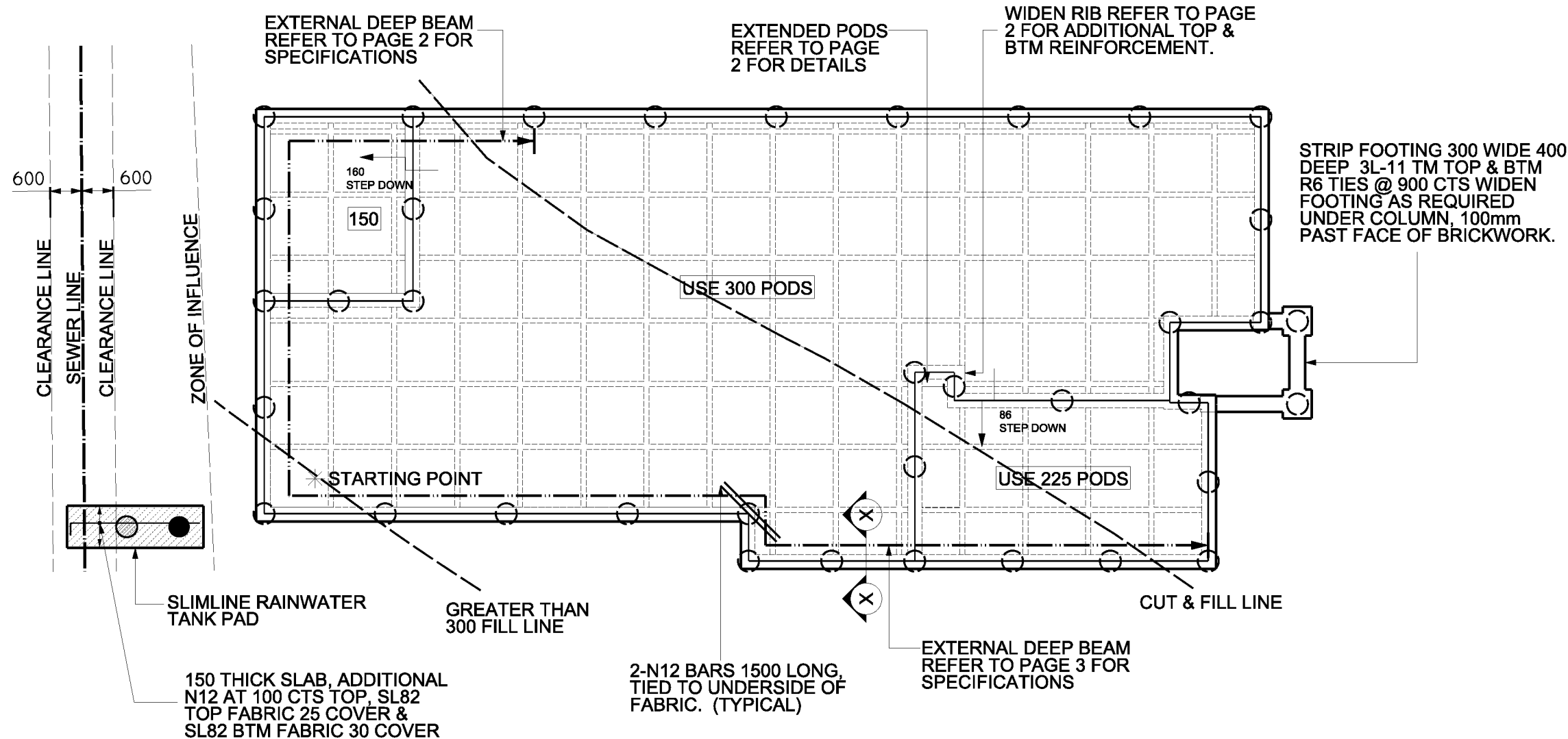
- ALL SITE FILLING PLACED BENEATH SLAB TO BE TREATED IN ACCORDANCE WITH CLAUSE 6.4. OF AS 2870.2 - 2011.

- A 1 METRE WIDE APRON, WITH 25 CROSS FALL AWAY FROM SLAB EDGE IS TO BE FORMED ALL AROUND THE RAFT SLAB WHERE APPLICABLE

- IF THE LOCATION OF THE SLAB IS NEXT TO AN ABOVE OR BELOW ON SITE DETENTION SYSTEM OR BELOW GROUND RAINWATER TANK, THE BUILDER IS TO ADVISE ENGINEER IN ORDER TO ENSURE THAT CONCRETE PIERS ARE TAKEN 500mm BELOW THE INVERT LEVEL OF TANK OR THE FOOTING OF THE SUPPORTING WALL FOR AN ABOVE GROUND DETENTION SYSTEM.

- REINFORCED CONC. PIER
- SEWER AFFECTED PIER
- ⊕ SCREW PIER
- UNREINFORCED CONC. PIER
- ⊙ ARTICULATION JOINT
- ✱ STARTING POINT

DESIGNED TO AS 2870 - 2011 SLAB AND FOOTING CODE

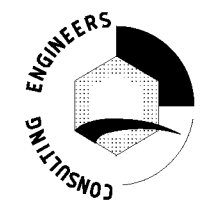


FORMWORK LEVEL CHECK BOOKED
FORMWORK LEVEL CHECK COMPLETE

THIS IS TO CERTIFY THAT THE SLAB HAS BEEN DESIGNED FOR SALINE AFFECTED SOILS. REFER TO PAGES 1 & 2 FOR SALINITY REQUIREMENTS.

REFER TO PAGES 4 & 5 FOR SEWER DETAILS

RAFELETOS
ABN: 35 079 047 466
LEVEL 2, 103 VANESSA STREET
KINGSGROVE NSW 2208
PO BOX 91 KINGSGROVE NSW 2208



ZANUTTINI Pty Ltd
FACSIMILE: (02) 9554 9764
TELEPHONE: (02) 9554 9311
EMAIL: admin@rafzan.com.au

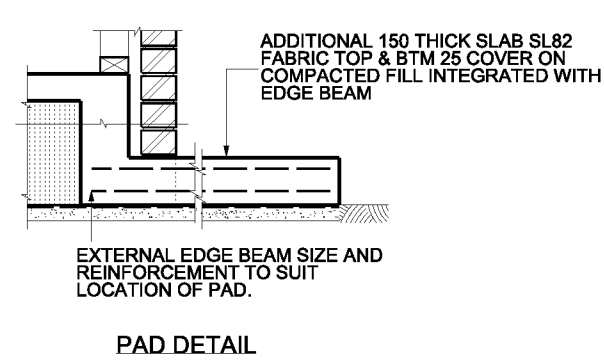
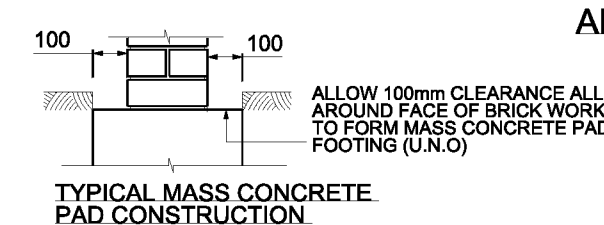
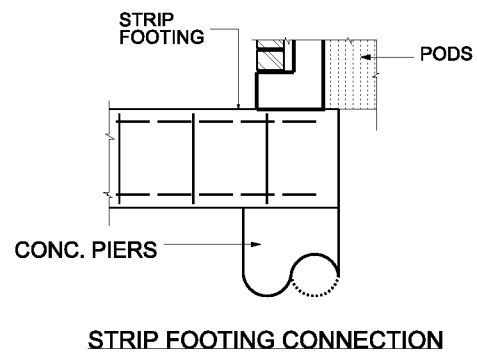
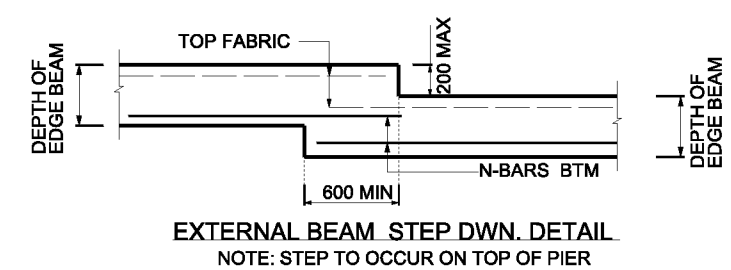
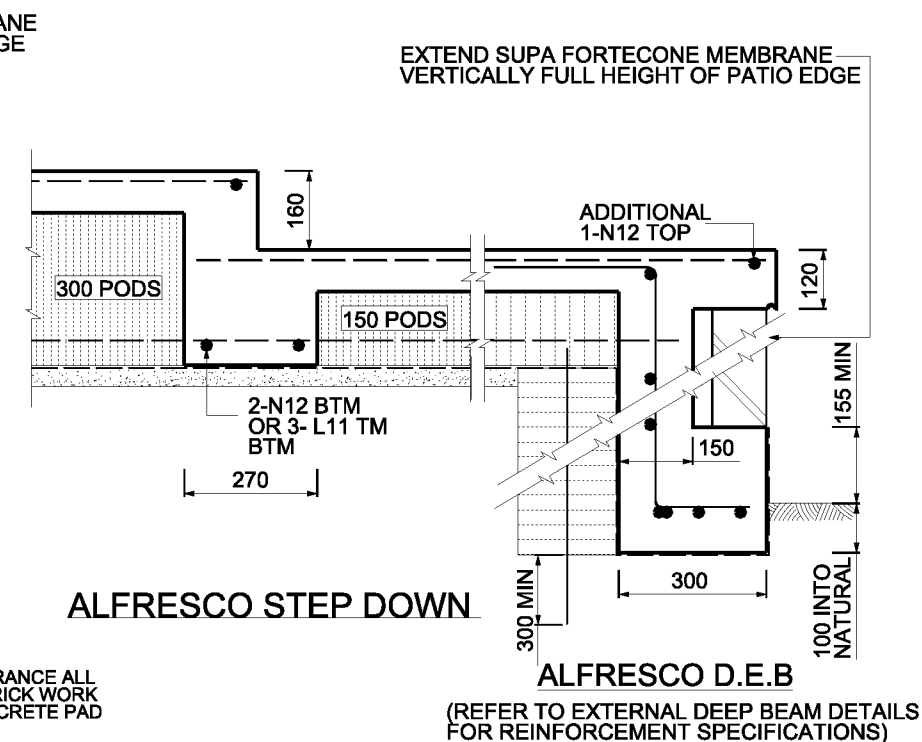
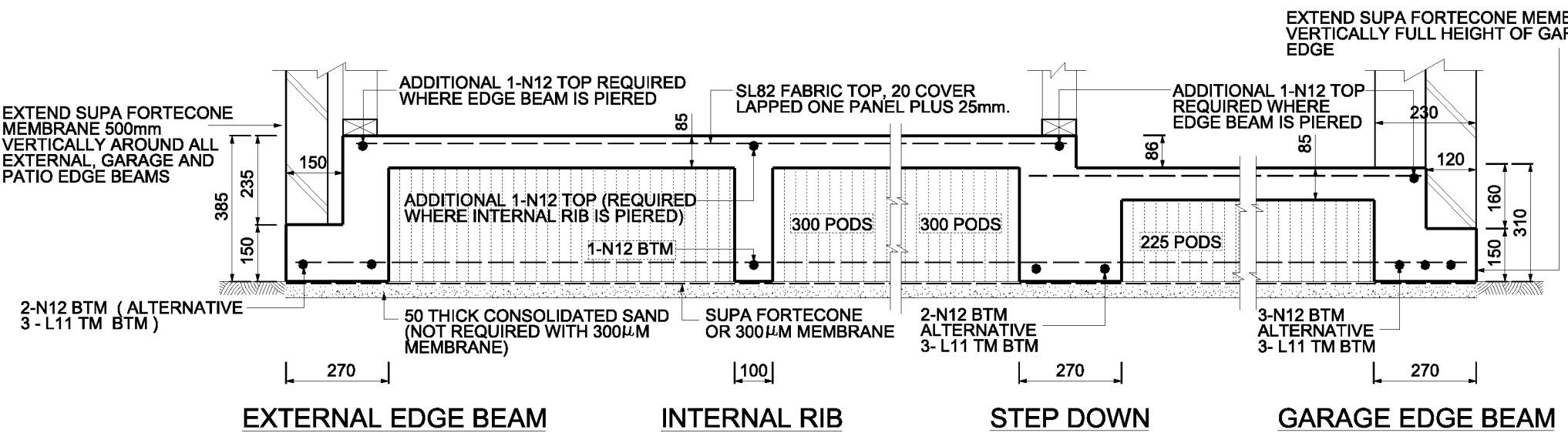
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B.E., M.I.E. AUST.



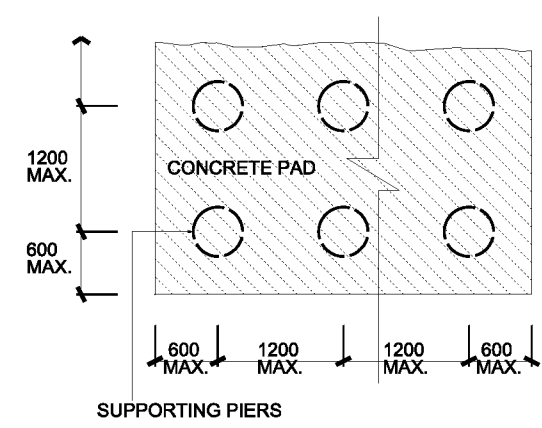
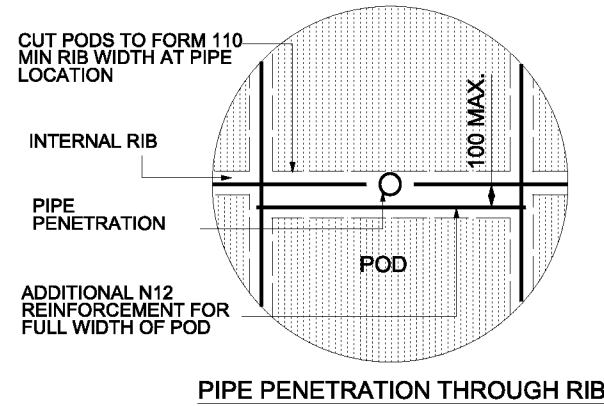
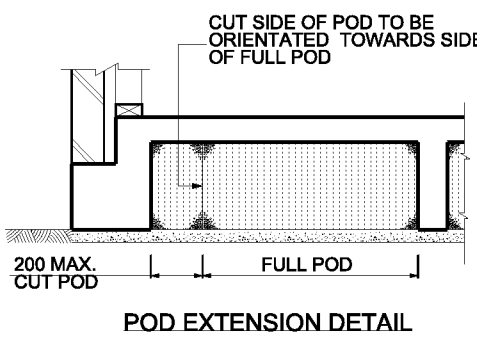
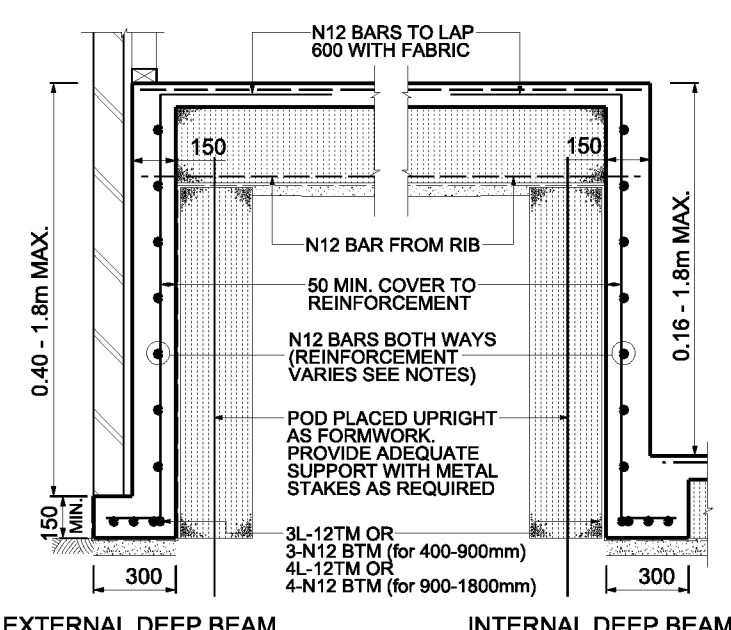
CLASSIFICATION H1
REFERENCE 20076

STRUCTURAL SLAB DETAIL PLAN				
CLIENT LOCATION	CONNECT HOMES LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS			
DRAWN	E.P	SCALE	1:100	SHEET No. 1
ISSUE	B	DATE	08/11/13	JOB No. 56842EB

A3



- FOR RAINWATER TANK, LPG & A/C UNITS ETC. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
- SPACE PIERS AS REQUIRED TO SUIT PAD SIZE:
- 500 MAXIMUM TO EDGE OF SLAB FOR PERIMETER PIERS.
- 1000 MAXIMUM CENTRES IF ADDITIONAL INTERNAL PIERS ARE REQUIRED FOR PAD SIZE.



AT ALL EXTERNAL BEAM CORNER LOCATIONS: (TOP & BTM)

PROVIDE ADDITIONAL 1200 LONG BENT CORNER LAP BARS AROUND CORNER WHERE BOTTOM N12 EDGE BEAM REINFORCEMENT IS DISCONTINUOUS.

OR

BEND BOTTOM N12 EDGE BEAM REINFORCEMENT AROUND CORNER TO PROVIDE 600 MINIMUM LAP.

EXTERNAL LOAD BEARING BEAM AND PIERS.

INTERNAL RIB BEAM PIERS.

WHERE INTERNAL RIB BEAMS OR CONCRETE PADS ARE PIERED, THEN ADDITIONAL 1-N12 TOP BAR ALONG THE RIB IS REQUIRED IN ONE DIRECTION ONLY AND IS TO BEGIN FROM THE EXTERNAL EDGE BEAM AND EXTEND 2000 BEYOND LAST PIER.

THIS IS TO CERTIFY THAT THE SLAB HAS BEEN DESIGNED FOR SALINE AFFECTED SOILS.

PROVIDE 400 DIA. CONCRETE PIERS TO CLAY AND SAND, OR 300 DIA. TO ROCK OR SHALE.

SPACE PIERS AT 2400 CTS AS SHOWN ALONG EXTERNAL EDGE BEAM, UNLESS NOTED OTHERWISE

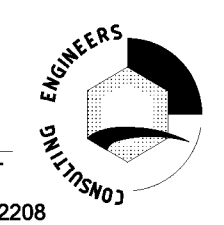
PIERS REQUIRED UNDER INTERNAL RIB BEAMS WHEN CONSTRUCTED ON MORE THAN 300mm OF UNCONTROLLED/NON-COMPACTED MATERIAL, OR AS SHOWN.

N12 BARS CAN BE REPLACED WITH 10.65mm HDW (450MPa STRESS GRADE)

DEEP BEAM DEPTH	BEAM REINFORCEMENT
160 - 400mm	N12 BARS AT 1200 CENTRES & 1-N12 HORIZONTAL
400 - 900mm	N12 BARS AT 600 CENTRES & 1-N12 CENTRALLY
900 - 1500mm	N12 BARS AT 300 CENTRES BOTH WAYS
1500 - 1800mm	N12 BARS AT 200 CENTRES BOTH WAYS

REINFORCEMENT FOR RIBS AND BEAMS		
WIDTH	TOP STEEL	BTM STEEL
271-330	1-N12	3-N12
331-440	2-N12	4-N12
441-550	3-N12	5-N12
551-660	4-N12	6-N12

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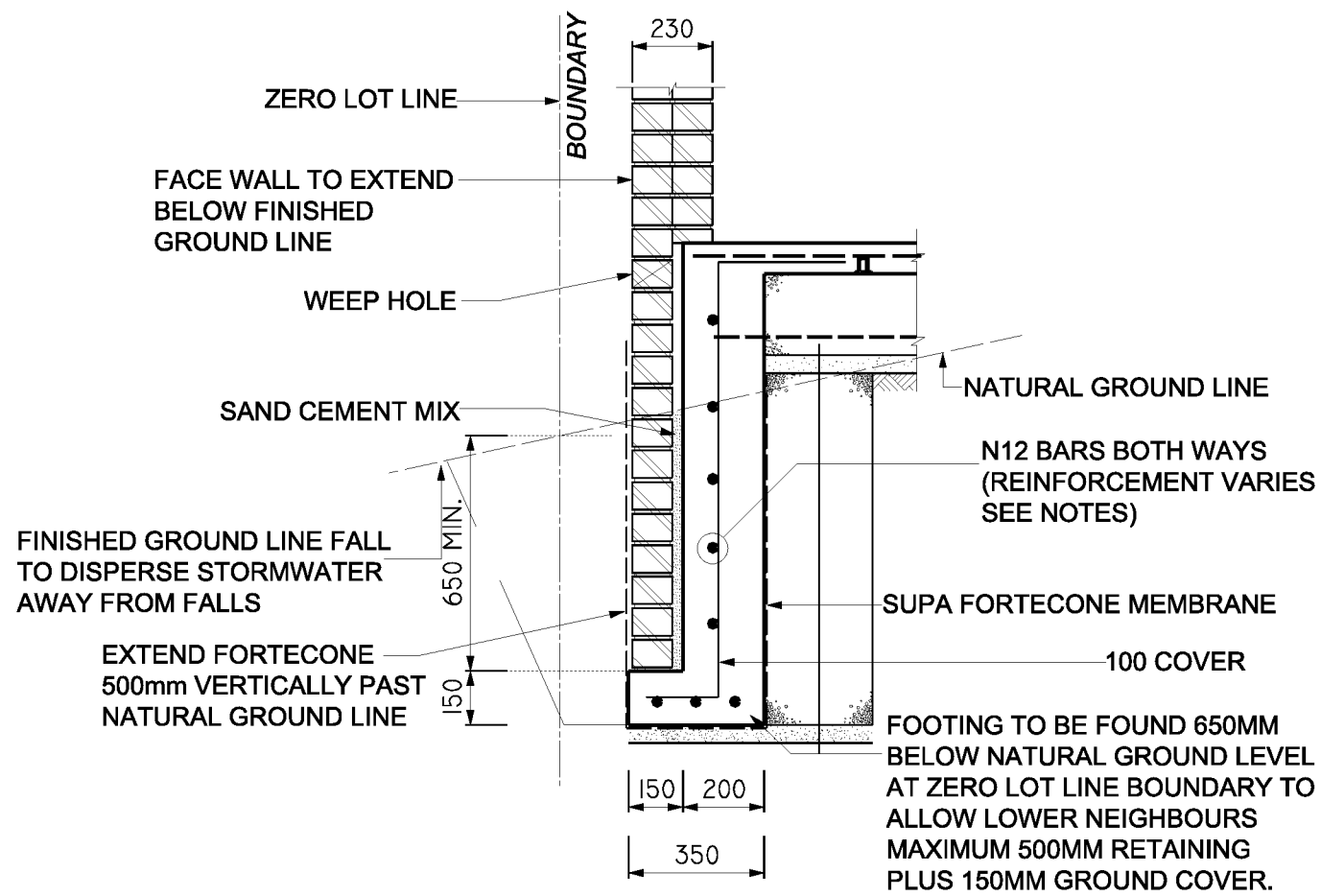


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SALINE AFFECTED
300.82.2.S 300.225.86.2 300.150.160.2

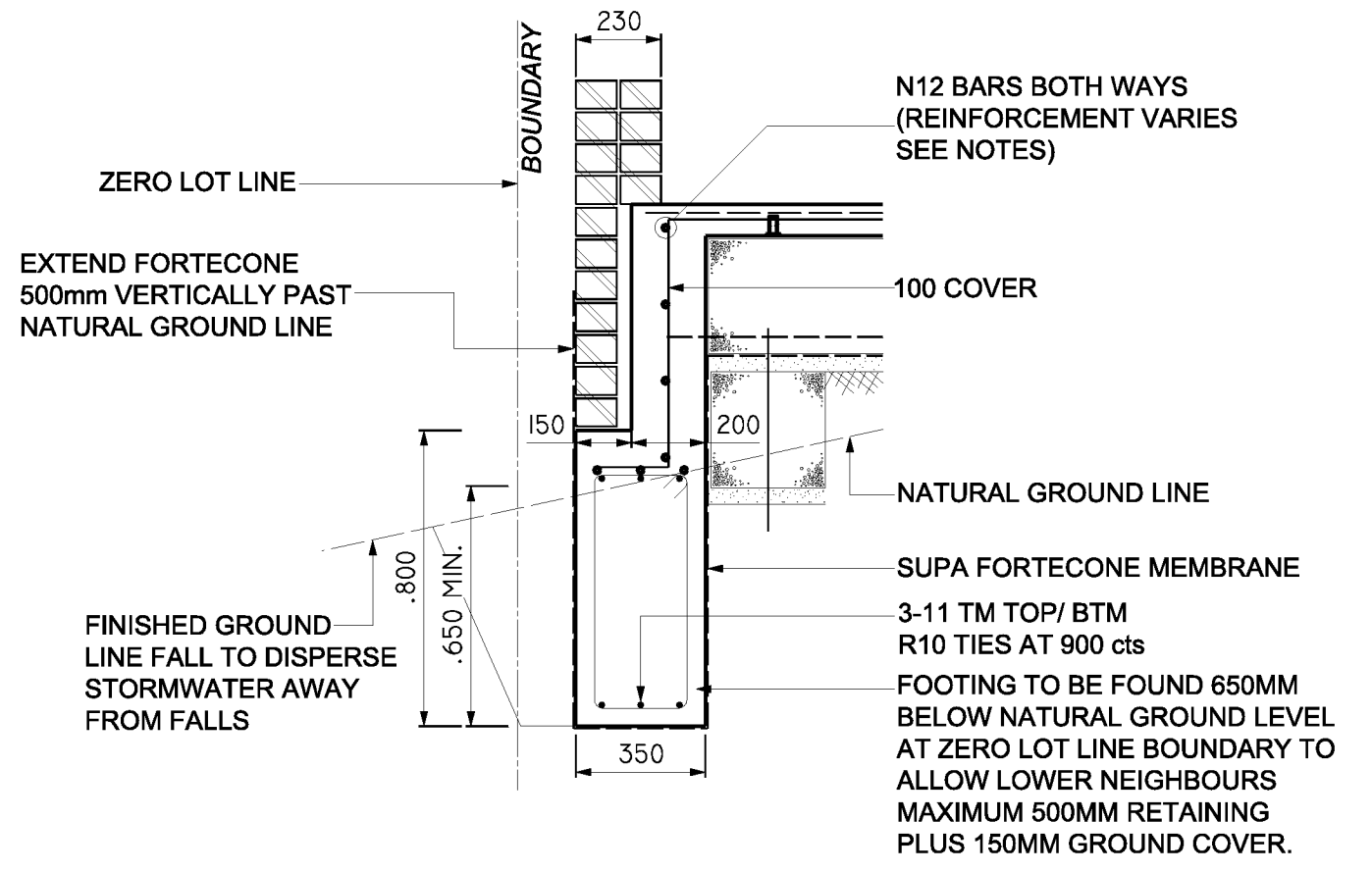
CLIENT LOCATION		STRUCTURAL DETAIL PLAN			
CONNECT HOMES LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS		CLASSIFICATION	H1	SCALE	NTS.
ISSUE		B	DATE	08/11/13	SHEET No. 2
					JOB No. 56842EB



**GARAGE WALL DEEPEDED
EDGE BEAM / RETAINING WALL**

SECTION X-X

NOTE: TERMGUARD POSITION TO BE CONFIRMED BY PEST CONTROLLER



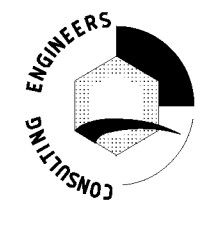
**EDGE BEAM
RETAINING WALL**

SECTION X-X

NOTE: TERMGUARD POSITION TO BE CONFIRMED BY PEST CONTROLLER

DESIGNED TO AS 2870 - 2011 SLAB AND FOOTING CODE

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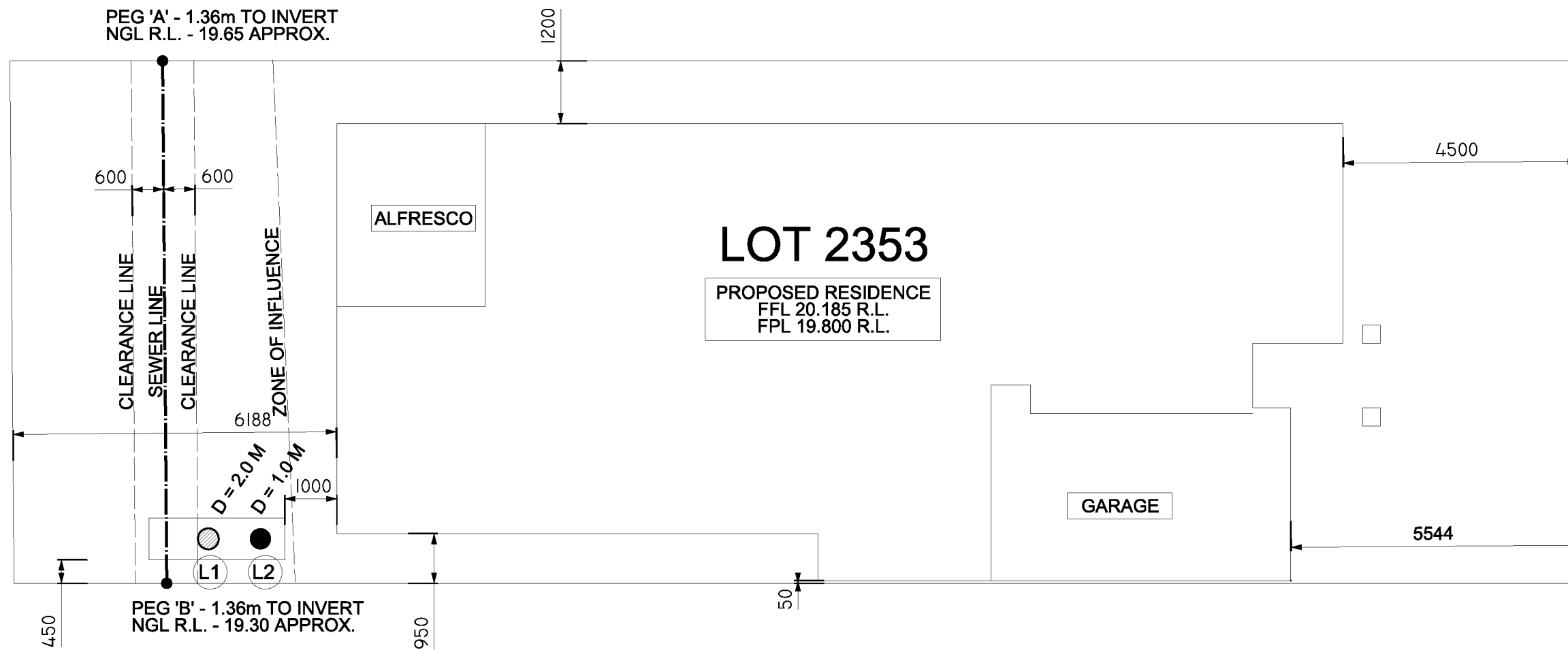


CLASSIFICATION H1
REFERENCE 20076

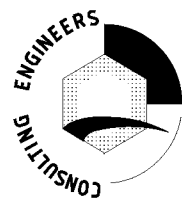
STRUCTURAL SLAB DETAIL PLAN						
CLIENT LOCATION	CONNECT HOMES LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS					A3
DRAWN	E.P	SCALE	1:100	SHEET No.	3	
ISSUE	B	DATE	08/11/13	JOB No.	56842EB	

SEWER NOTES:

- * POSITION OF SEWER IS ONLY APPROXIMATE
- * POSITION OF SEWER IS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK
- * PIER DEPTHS AS SHOWN ARE FOR ZONE OF INFLUENCE REQUIREMENTS
- * PIERS ARE TO BE FOUNDED ON NATURAL BEARING AS PER ENGINEERING REQUIREMENTS WHERE NECESSARY



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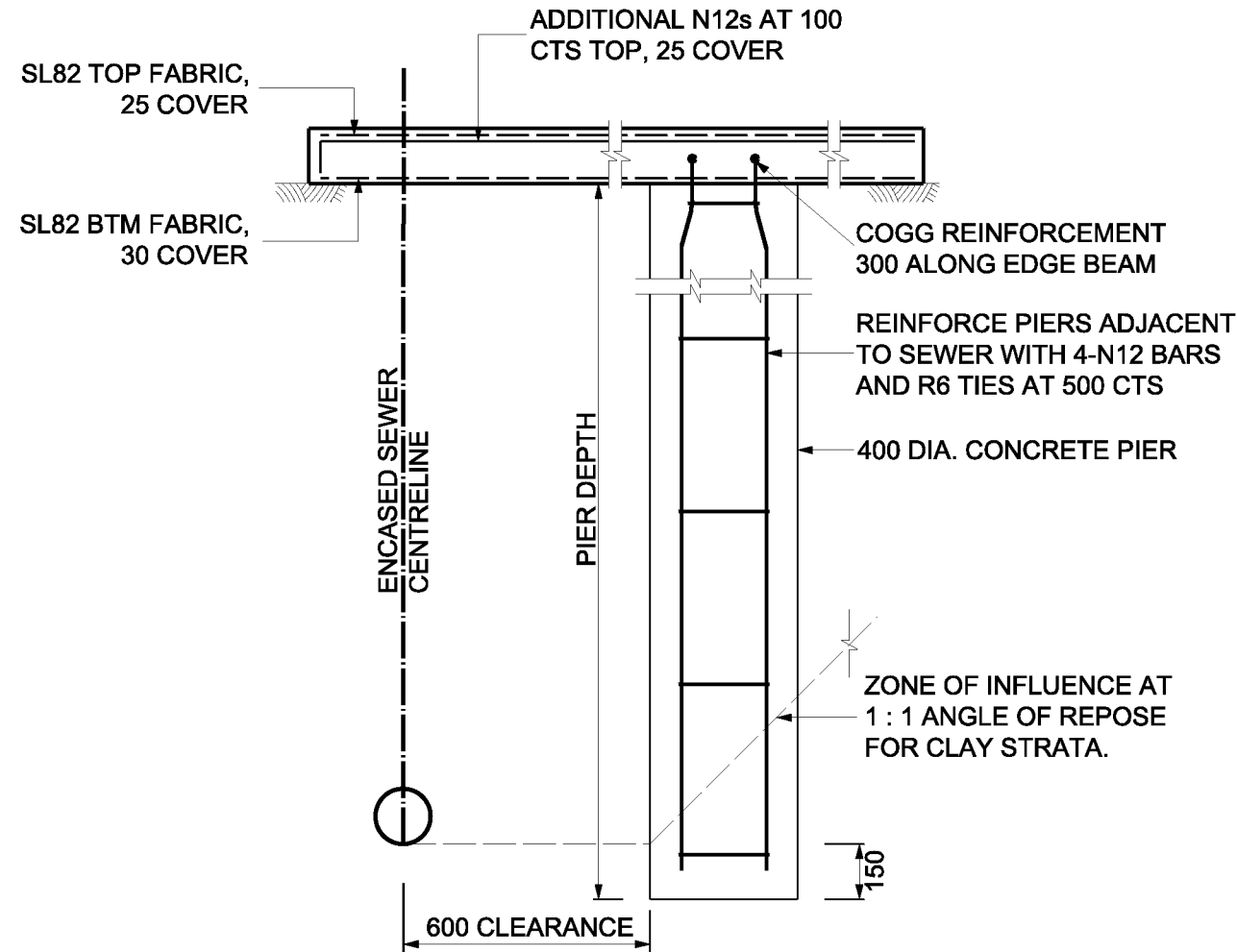
CLASSIFICATION H1
 REFERENCE 20076

SITE AND B.A.S/B.O.S DETAIL PLAN						
CLIENT LOCATION	CONNECT HOMES LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS					A3
DRAWN	E.P	SCALE	1:100	SHEET No.	4	
ISSUE	B	DATE	08/11/13	JOB No.	56842EB	

SEWER NOTES:

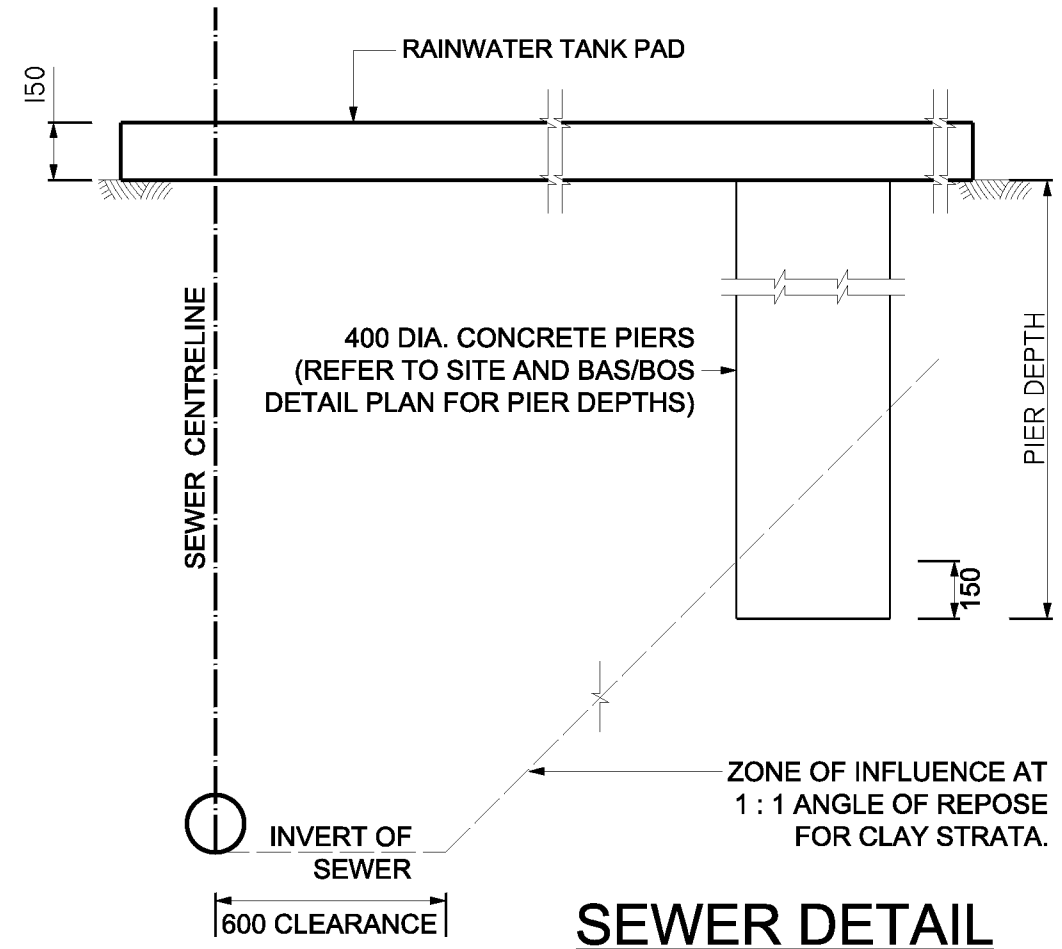
- * POSITION OF SEWER IS ONLY APPROXIMATE
- * POSITION OF SEWER IS TO BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK
- * PIER DEPTHS AS SHOWN ARE FOR ZONE OF INFLUENCE REQUIREMENTS
- * PIERS ARE TO BE FOUNDED ON NATURAL BEARING AS PER ENGINEERING REQUIREMENTS WHERE NECESSARY

SEWER CALCULATIONS		L1	L2
PERPENDICULAR DISTANCE FROM SEWER TO PIER (m)		0.600	1.600
FINISHED PLATFORM LEVEL AT PIER LOCATION (r.l.) =		19.800	19.800
SEWER INVERT LEVEL PERPENDICULAR AT LOCATION (r.l.) =		17.970	17.967
PIER DEPTH FROM FINISHED PLATFORM LEVEL (m) =		2.0	1.0
Z.O.I. EXTENT FROM SEWER USING PLATFORM LEVEL (m) =		2.430	2.431
NATURAL GROUND LEVEL AT SEWER LOCATION (R.L.) =		19.330	19.329



SEWER DETAIL

L1



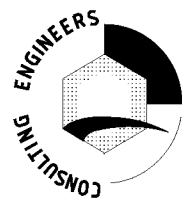
SEWER DETAIL

L2

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CLASSIFICATION H1
REFERENCE 20076

SEWER SECTION/S PLAN

CLIENT LOCATION CONNECT HOMES
LOT 2353 GREENWOOD PARKWAY, JORDAN SPRINGS

A3

DRAWN	E.P	SCALE	1:20	SHEET No.	5
ISSUE	B	DATE	08/11/13	JOB No.	56842EB