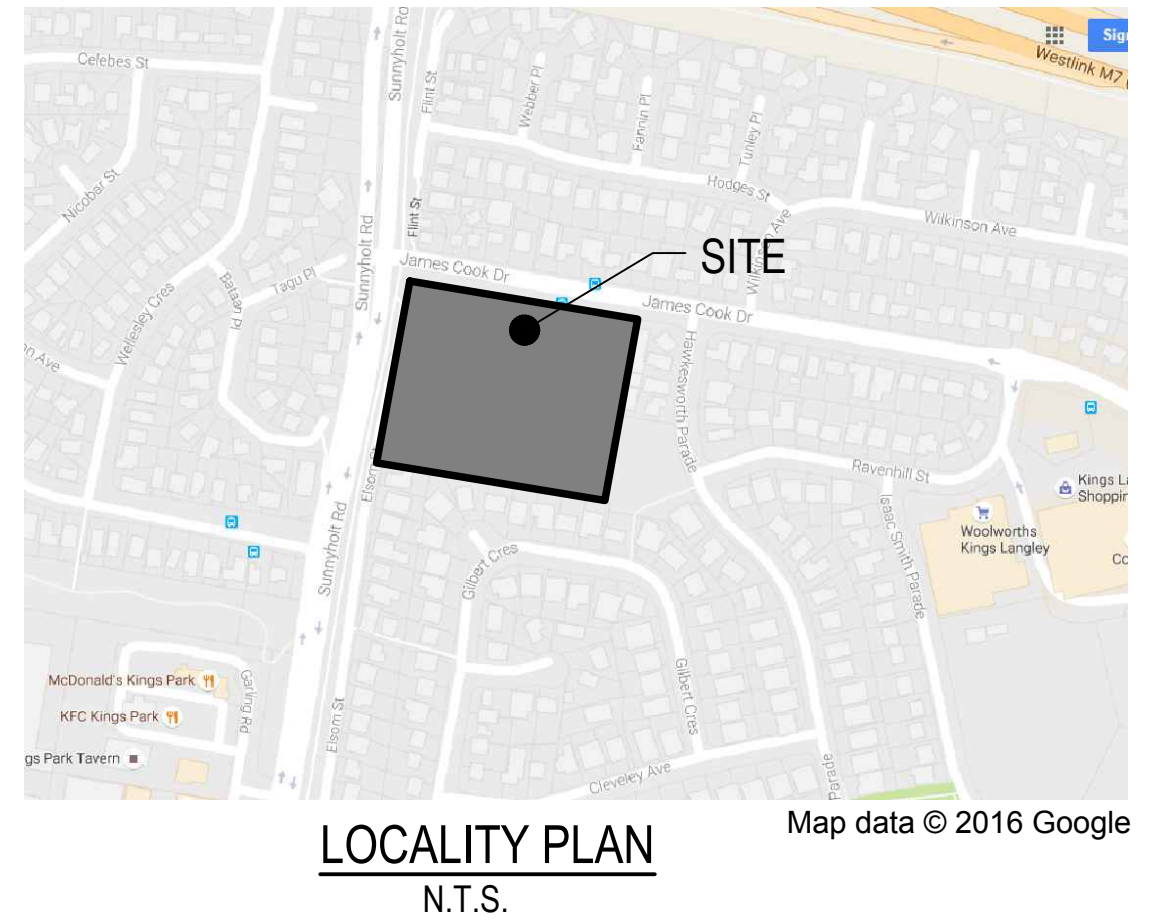
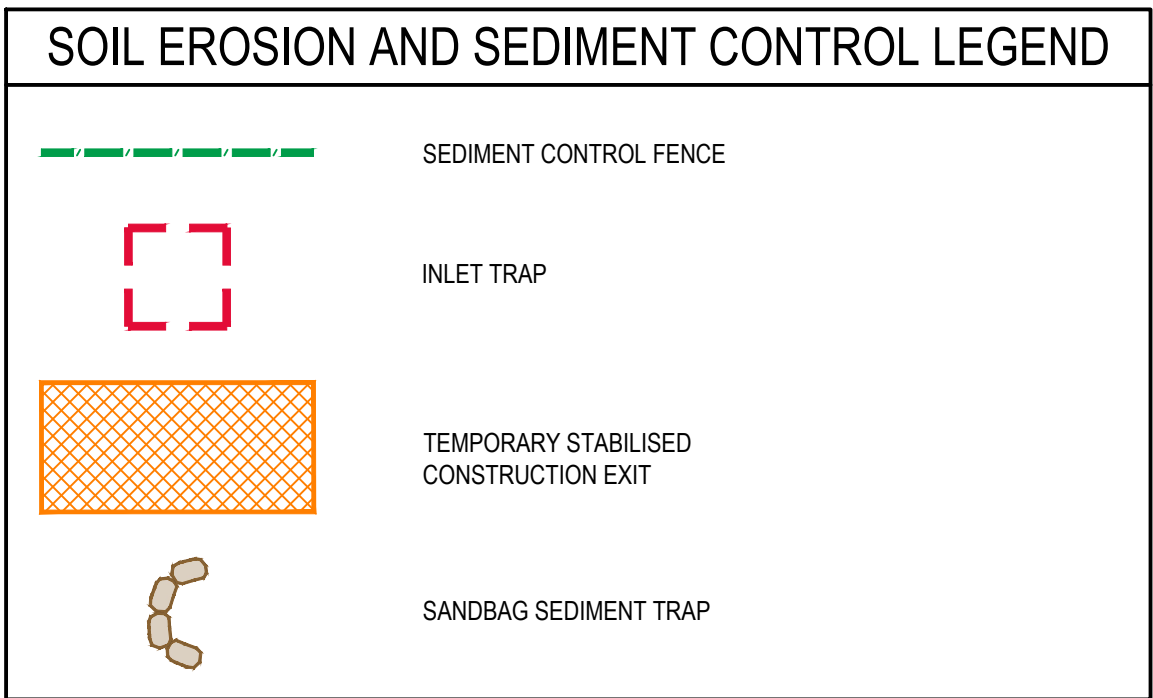
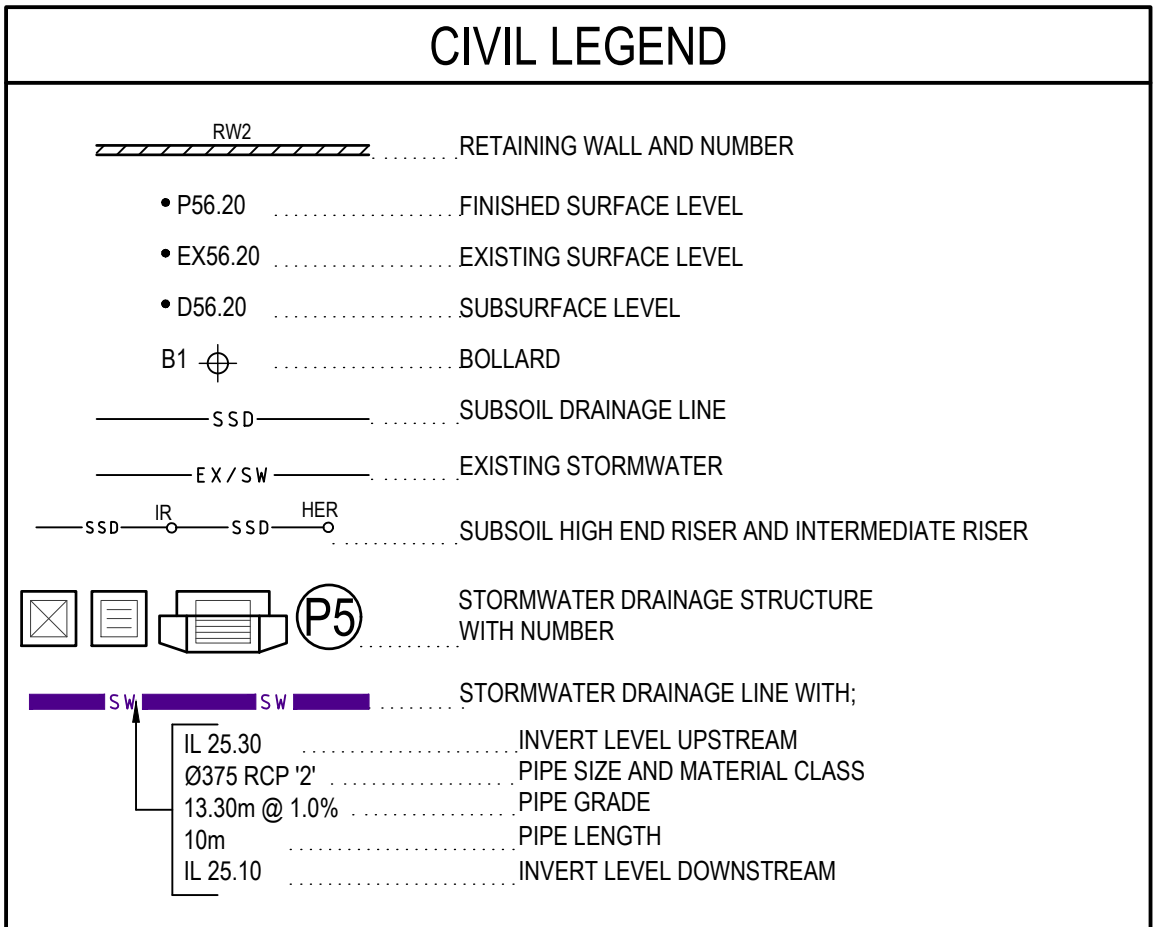
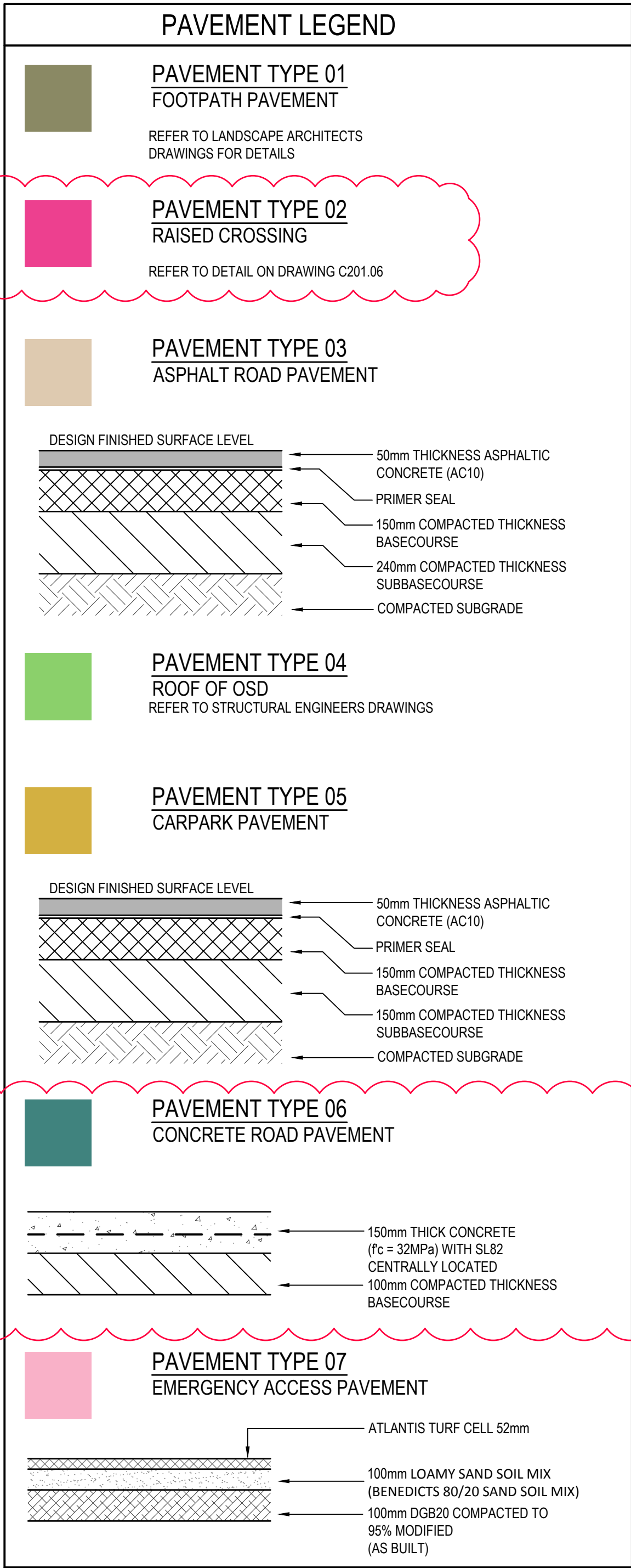
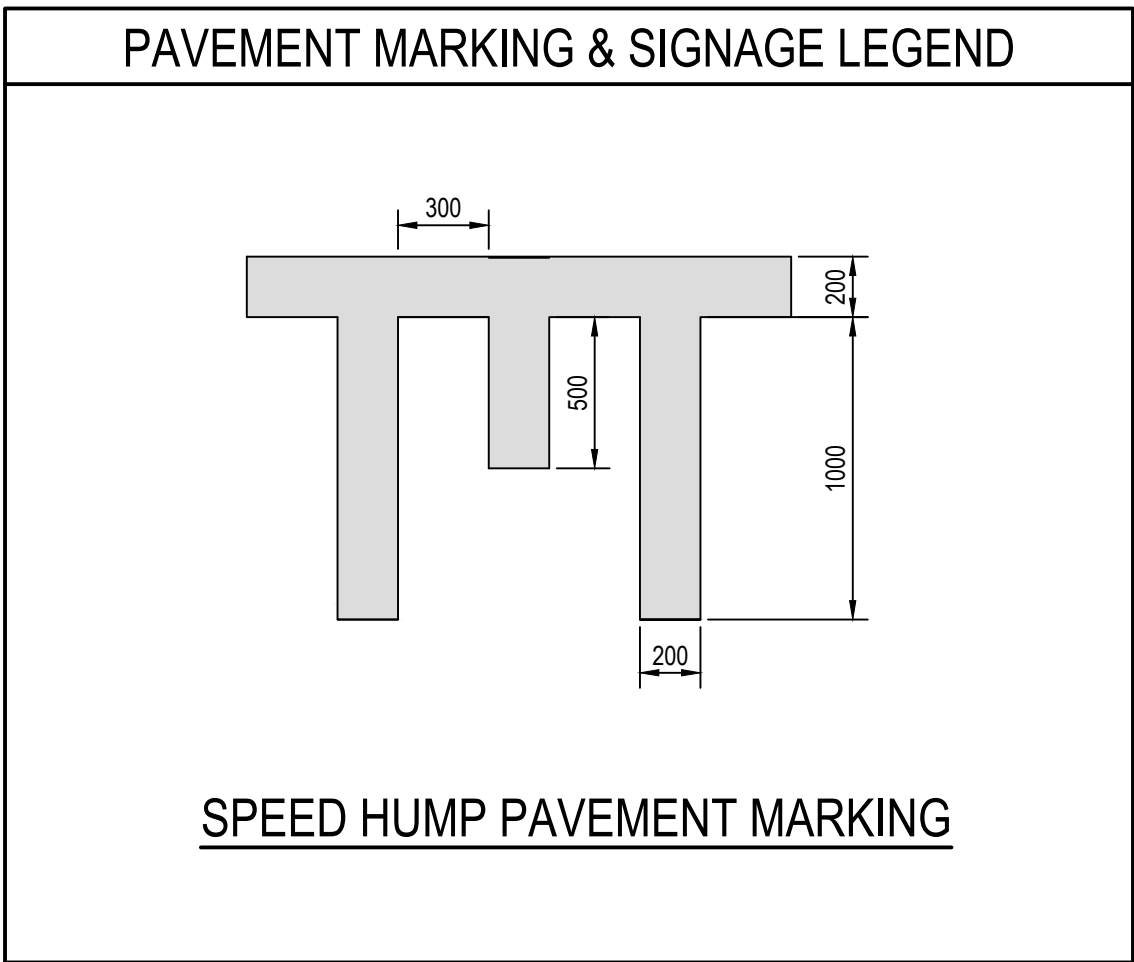
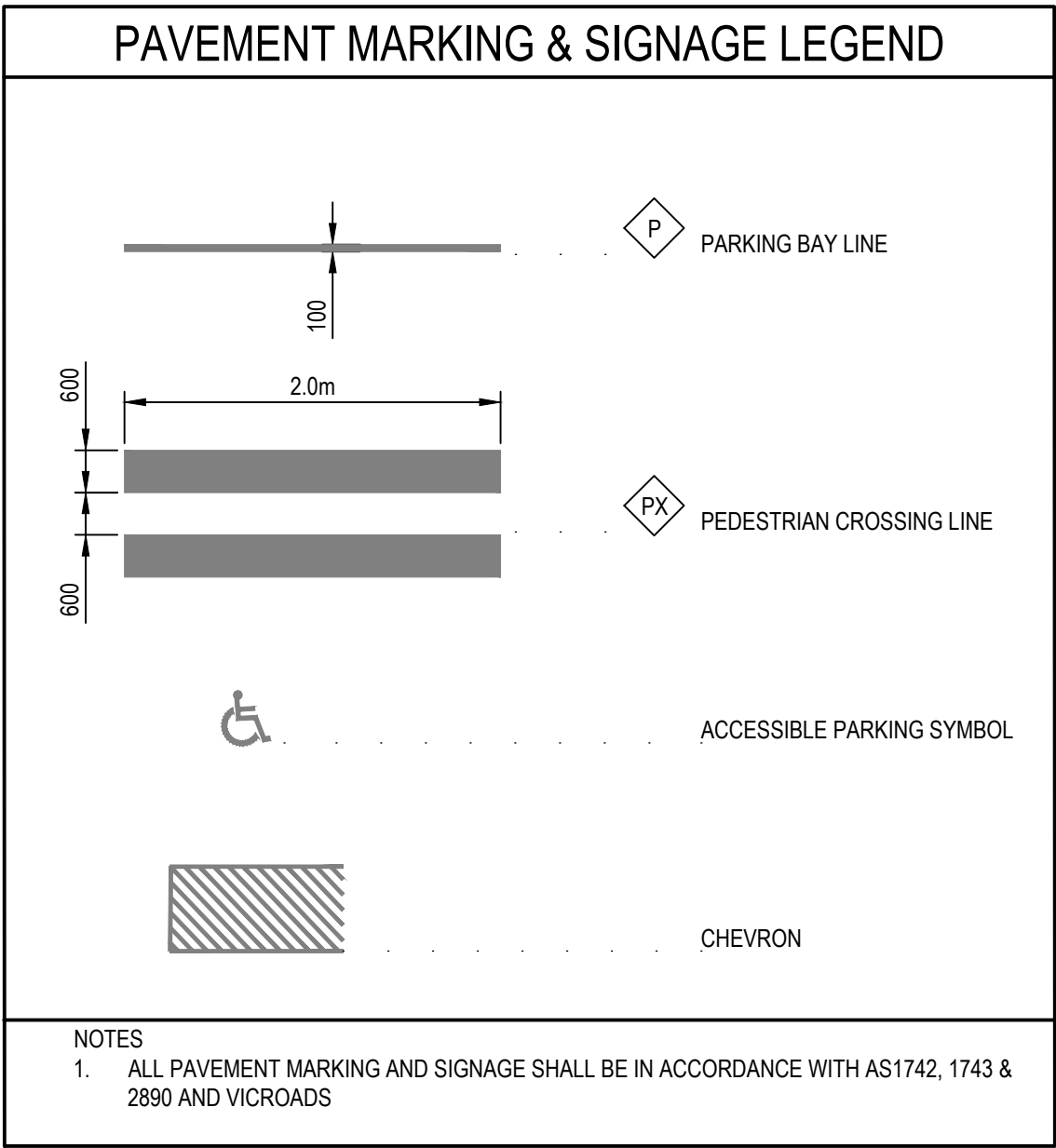


DEMENTIA RESIDENTIAL CARE FACILITY KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET KINGS LANGLEY, NSW

CIVIL SERVICES - ILU



DRAWING LIST	
DWG No.	DESCRIPTION
C201.01	COVER SHEET AND LEGENDS
C201.02	NOTES
C201.03	SURVEY PLAN
C201.05	DETAILS - SHEET 1
C201.06	DETAILS - SHEET 2
C201.07	DETAILS - SHEET 3
C202.01	CIVIL SERVICES PLAN - SHEET 1
C202.02	CIVIL SERVICES PLAN - SHEET 2
C202.03	CIVIL SERVICES PLAN - SHEET 3
C202.04	CIVIL SERVICES PLAN - SHEET 4
C202.05	CIVIL SERVICES PLAN - SHEET 5
C202.06	CIVIL SERVICES PLAN - SHEET 6
C202.07	CIVIL SERVICES PLAN - SHEET 7
C202.08	CIVIL SERVICES PLAN - SHEET 8
C203.01	PAVEMENT PLAN - SHEET 1
C203.02	PAVEMENT PLAN - SHEET 2
C203.03	PAVEMENT PLAN - SHEET 3
C204.01	SOIL EROSION AND SEDIMENT CONTROL PLAN - SHEET 1
C204.02	SOIL EROSION AND SEDIMENT CONTROL PLAN - SHEET 2
C204.03	SOIL EROSION AND SEDIMENT CONTROL PLAN - SHEET 3
C205.01	ROAD 1 - PLAN AND LONGITUDINAL SECTION
C205.02	ROAD 1 - CROSS SECTIONS - SHEET 1
C205.03	ROAD 1 - CROSS SECTIONS - SHEET 2
C205.04	ROAD 2 - PLANS, LONGITUDINAL AND CROSS SECTIONS
C205.05	ROAD 3 - PLAN AND LONGITUDINALSECTION
C206.06	ROAD 3 - CROSS SECTIONS
C206.01	KERB RETURN 01 - PLAN AND LONGITUDINAL SECTION
C206.02	KERB RETURN 02 - PLAN AND LONGITUDINAL SECTION
C206.03	KERB RETURN 03 - PLAN AND LONGITUDINAL SECTION
C206.04	KERB RETURN 04 - PLAN AND LONGITUDINAL SECTION
C207.01	RETAINING WALL 01 - PLAN, LONGITUDINAL SECTION AND TYPICAL CROSS SECTION
C208.01	LINEMARKING PLAN - SHEET 1
C208.02	LINEMARKING PLAN - SHEET 2
C208.03	LINE MARKING PLAN - SHEET 3

DIAL BEFORE YOU DIG

 **DIAL BEFORE YOU DIG**
www.1100.com.au

IMPORTANT: THE CONTRACTOR IS TO MAINTAIN A CURRENT SET OF "DIAL BEFORE YOU DIG" DRAWINGS ON SITE AT ALL TIMES.

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

F	RE-ISSUE DEVELOPMENT APPLICATION	9.03.18	DW	JB	North
E	PAVEMENT LEGEND UPDATED	30.01.18	DW	JB	
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH	
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH	
Issue	Description	Date	Drawn	Approved	

Client

 **ADVENTIST AGED CARE**

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

 **ACOR**

CONSULTANTS ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project

**DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE**

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title COVER SHEET AND NOTES					
Drawn DW	Date MAY 2017	Scale NTS	A1	Q.A. Check J.H	Date 07.07.17
Designed MM	Project No. SY160504	Dwg. No. C201.01	Issue F		

NOT FOR CONSTRUCTION

EXISTING SERVICES AND FEATURES

- THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION, REMOVAL AND DISPOSAL IF REQUIRED OF ALL EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA, AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT.
- THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES SERVICES TO ALL BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED.
- PRIOR TO COMMENCEMENT OF ANY WORKS THE CONTRACTOR SHALL GAIN WRITTEN APPROVAL OF HIS PROGRAMME FOR THE RELOCATION/CONSTRUCTION OF TEMPORARY SERVICES.
- EXISTING BUILDINGS, EXTERNAL STRUCTURES, AND TREES SHOWN ON THESE DRAWINGS ARE FEATURES EXISTING PRIOR TO ANY DEMOLITION WORKS.
- CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE SUPERINTENDENT. ONCE DIVERSION IS COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE SUPERINTENDENT.
- INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE PRINCIPAL. CONTRACTOR TO GAIN APPROVAL OF SUPERINTENDENT FOR TIME OF INTERRUPTION.

SITEWORKS NOTES

- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
- ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE PRINCIPAL'S REPRESENTATIVE.
- EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE PRINCIPAL'S REPRESENTATIVE. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY.
- WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
- THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
- CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER COMMUNICATIONS OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
- ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH AN APPROVED NON-NATURAL GRANULAR MATERIAL AND COMPACTED TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289.5.1.1.
- ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
- CONTRACTOR TO OBTAIN ALL AUTHORITY APPROVALS.
- THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS.
- THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MIN 50mm IN BITUMINOUS PAVING.

SUBGRADE PREPARATION

- REMOVE ALL TOPSOIL, VEGETABLE MATTER AND RUBBLE.
- PROOF ROLL NATURAL SURFACE.
- REMOVE ANY SOFT AREAS.
- PLACE APPROVED NON ORGANIC FILL WITH A MAXIMUM PARTICLE SIZE OF 75mm AND COMPACT IN 200mm MAX. THICK LAYERS. U.N.O.
- COMPACTION IS TO BE CARRIED OUT BY ROLLING AT OPTIMUM MOISTURE CONTENT TO OBTAIN A DENSITY EQUIVALENT TO 98% OF MAXIMUM DRY DENSITY WHEN TESTED BY THE STANDARD COMPACTION TEST. No. E1.1 FROM A.S. 1289.
- COMPACTION SHALL BE CARRIED OUT WITH A VIBRATING ROLLER WITH AT LEAST 10 TONNE STATIC WEIGHT.
- TESTING OF THE SUBGRADE SHALL BE CARRIED OUT BY AN APPROVED N.A.T.A. REGISTERED LABORATORY.

ROADWORKS NOTES

- ALL BASECOURSE AND SUB-BASECOURSE MATERIALS SHALL CONFORM WITH AUSTRALIAN STANDARDS.
- ALL BASECOURSE AND SUB-BASE MATERIALS SHALL BE COMPACTED TO ACHIEVE A MINIMUM OF 100% STANDARD MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT OF +OR- 2% IN ACCORDANCE WITH AS1289 E1.1.
- ALL WEARING SURFACES SHALL BE ASPHALTIC CONCRETE LAID TO THE THICKNESS SPECIFIED AND IN ACCORDANCE WITH THE SPECIFICATION.
- CONCRETE FOR KERB SHALL HAVE A CONCRETE STRENGTH OF 20MPA AT 28 DAYS, MINIMUM SLUMP OF 60MM AND MAXIMUM AGGREGATE SIZE OF 40MM.

COMPACTION NOTES

- STRIP TOPSOIL TO EXPOSE NATURALLY OCCURRING MATERIAL AND STOCKPILE ON SITE FOR SELECTIVE RE-USE OR DISPOSE OFF-SITE AS DIRECTED BY THE SUPERINTENDENT.
- WHERE FILLING IS REQUIRED TO ACHIEVE DESIGN SUBGRADE PROOF ROLL EXPOSED NATURAL SURFACE WITH A MINIMUM OF TEN PASSES OF A VIBRATING ROLLER (MINIMUM STATIC WEIGHT OF 10 TONNES) IN THE PRESENCE OF THE SUPERINTENDENT. REFER TO SPECIFICATION FOR DETAILS.
- ALL SOFT, WET OR UNSUITABLE MATERIAL TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT AND REPLACED WITH APPROVED MATERIAL SATISFYING THE REQUIREMENTS LISTED BELOW.
- ALL FILL MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE SUPERINTENDENT AND SHALL COMPLY WITH THE FOLLOWING :
 - FREE FROM ORGANIC, PERISHABLE AND CONTAMINATED MATTER
 - MAXIMUM PARTICLE SIZE 75MM
 - PLASTICITY INDEX BETWEEN 2% AND 15%
- ALL FILL MATERIAL SHALL BE PLACED IN MAXIMUM 200MM THICK LAYERS AND COMPACTED AT OPTIMUM MOISTURE CONTENT (+ OR - 2%) TO ACHIEVE A DRY DENSITY DETERMINED IN ACCORDANCE WITH AS 1289 E3.1 OF NOT LESS THAN THE FOLLOWING STANDARD MINIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 E1.1 :

LOCATION	STANDARD DRY DENSITY
UNDER BUILDING SLABS	98%
AREAS OF SERVICE TRENCHES	98%
EXTERNAL PAVED AREAS, ROADS AND CARPARKS	98%
LANDSCAPED AREAS	90%
- THE CONTRACTOR SHALL PROGRAM THE EARTHWORKS OPERATION SO THAT THE WORKING AREAS ARE ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION. THE SURFACE SHALL BE GRADED AND SEALED OFF TO REMOVE DEPRESSIONS, ROLLER MARKS AND SIMILAR WHICH WOULD ALLOW WATER TO POND AND PENETRATE THE UNDERLYING MATERIAL. ANY DAMAGE RESULTING FROM THE CONTRACTOR NOT OBSERVING THESE REQUIREMENTS SHALL BE RECTIFIED BY THE CONTRACTOR AT THEIR COST.
- TESTING OF THE SUBGRADE SHALL BE CARRIED OUT BY AN APPROVED NATA REGISTERED LABORATORY AT THE CONTRACTORS EXPENSE.

CONCRETE PAVEMENT JOINT NOTES

- PJ1. CONCRETE MIX PARAMETERS :
- MAXIMUM AGGREGATE SIZE 20mm
- FLEXURAL STRENGTH AT 28 DAYS = 3.5MPa
- FLEXURAL STRENGTH AT 90 DAYS = 3.85 MPa
- MAXIMUM WATER / CEMENT RATIO = 0.55
- MAXIMUM SHRINKAGE LIMIT = 650 MICRON STRAINS (AS 1012 Pt 13)
- MINIMUM CEMENT CONTENT = 300kg/m3
- CEMENT TO BE TYPE "A" (NORMAL CEMENT) TO AS.1315
- SLUMP = 50mm
- PJ2. JOINT TO BE SAWN AS SOON AS CONCRETE HAS HARDENED SUFFICIENTLY THAT IT WILL NOT BE DAMAGED BY SAWING. IF AN UNPLANNED CRACK OCCURS THE CONTRACTOR SHALL REPLACE WHOLE SLABS EITHER SIDE OF THE UNPLANNED CRACK, UNLESS DIRECTED OTHERWISE.
- PJ3.
 - CONSTRUCT JOINTS AS DETAILED
 - CONSTRUCTION JOINTS WHERE REQUIRED BUT NOT SHOWN, SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER AND CONSTRUCTED AT THE CONTRACTORS EXPENSE.
 - ALL LONGITUDINAL CONSTRUCTION JOINTS SHALL BE FORMED AND INCLUDE DOWEL BARS AS SPECIFIED. ALL TRANSVERSE CONSTRUCTION JOINTS SHALL BE FORMED AND INCLUDE DOWEL BARS AS SPECIFIED.
 - BOND BREAKER TO BE TWO (2) UNIFORM COATS OF BITUMEN EMULSION ALL OVER THE EXPOSED SURFACE AND ON END.
- PJ4. DOWELS AND TIE BARS TO MEET STRENGTH REQUIREMENTS OF STRUCTURAL GRADE STEEL IN ACCORDANCE AS. 1302. DOWELS AND TIE BARS SHALL BE :
- STRAIGHT
- TO LENGTH SPECIFIED
- CLEAN AND FREE FROM MILL SCALE, RUST AND OIL.
- SAWN TO LENGTH NOT CROPPED.
- PJ5. DIMENSIONS OF SEALANT RESERVOIR DEPENDANT ON THE SEALANT TYPE ADOPTED. ENGINEERS APPROVAL TO BE OBTAINED FOR SEALANT AND RESERVOIR DIMENSIONS AND DETAIL PROPOSED BY THE CONTRACTOR. REFER DETAIL "B" FOR TYPICAL ARRANGEMENT AND SEALANT.
- PJ6. PRIOR TO THE PLACEMENT OF CONCRETE IN THE ADJACENT SLAB, SELF EXPANDING CORK FILLER SHALL BE ADHERED TO THE ALREADY CAST AND CLEANED CONCRETE FACE USING AN APPROVED WATERPROOF ADHESIVE. ADHESIVE SHALL BE LIBERALLY APPLIED TO THE FULL FACE OF THE CONCRETE SLAB TO BE COVERED BY THE FILLER, AND ON THE FULL FACE OF THE FILLER TO BE ADHERED.
- PJ7. REFER TO COMPACTION NOTES FOR PREPARATION OF SUB-BASE AND SUB-GRADE.
- PJ8. ALL WORK TO BE BROOM FINISH.

STORMWATER NOTES

- ALL 225 DIA. DRAINAGE PIPES AND LARGER SHALL BE CLASS "2" APPROVED SPIGOT AND SOCKET FRC PIPES WITH RUBBER RING JOINTS. (U.N.O.) ALL DOWNPIPE DRAINAGE LINES SHALL BE SEWER GRADE uPVC WITH SOLVENT WELD JOINTS. (U.N.O.)
- EQUIVALENT STRENGTH REINFORCED CONCRETE PIPES MAY BE USED.
- ALL PIPE JUNCTIONS UP TO AND INCLUDING 450 DIA. AND TAPERS SHALL BE VIA PURPOSE MADE FITTINGS.
- MINIMUM GRADE TO STORMWATER LINES TO BE 1%. (U.N.O.)
- CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
- ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
- PRECAST PITS SHALL NOT BE USED UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE SUPERINTENDENT.
- WHERE TRENCHES ARE IN ROCK, THE PIPE SHALL BE BEDDED ON A MIN. 50MM CONCRETE BED (OR 75MM THICK BED OF 12MM BLUE METAL) UNDER THE BARREL OF THE PIPE. THE PIPE COLLAR AT NO POINT SHALL BEAR ON THE ROCK. IN OTHER THAN ROCK, PIPES SHALL BE LAID ON A 75MM THICK SAND BED. IN ALL CASES BACKFILL THE TRENCH WITH SAND TO 200MM ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL COMPACTED IN 150MM LAYERS TO 98% STANDARD MAX. DRY DENSITY.
- BEDDING SHALL BE (U.N.O.) TYPE H1, IN ACCORDANCE WITH CURRENT RELEVANT AUSTRALIAN STANDARDS.
- WHERE STORMWATER LINES PASS UNDER FLOOR SLABS SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
- WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS UNSLOTTED UPVC SEWER GRADE PIPE SHALL BE USED.
- PROVIDE 3.0M LENGTH OF 100 DIA. SUBSOIL DRAINAGE PIPE WRAPPED IN FABRIC SOCK, AT UPSTREAM END OF EACH PIT.

CONCRETE NOTES

- GENERAL
- ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH AS 3600 CURRENT EDITIONS WITH AMENDMENTS, AND THE ACSE CONCRETE SPECIFICATION EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
 - VERIFY ALL SETTING OUT DIMENSIONS WITH THE ARCHITECT AND/OR THE SURVEYOR.
 - DO NOT OBTAIN DIMENSIONS BY SCALING THE DRAWINGS.
 - IN CASE OF DOUBT - ASK.
- DESIGN LOADS
- N/A
- CONCRETE
- PLACE CONCRETE OF THE FOLLOWING CHARACTERISTIC COMPRESSIVE STRENGTH F'C AS DEFINED IN AS.3600 OR M.R. FORM 609. ADD WATER REDUCING ADMIXTURE EQUAL TO WRDA.

LOCATION	AS 3600 F'c MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
ALL KERB PITS ETC.	25	80	20
VEHICULAR PAVEMENTS	32	80	20
 - USE "A.C.S.E. SPECIFICATION TYPE A" CEMENT.
 - ALL CONCRETE SHALL BE SUBJECT TO PROJECT CONTROL SAMPLE AND TESTING TO AS.3600.
 - CONSOLIDATE BY VIBRATION.

- REINFORCEMENT
- FIX REINFORCEMENT AS SHOWN ON DRAWINGS. THE TYPE AND GRADE IS INDICATED BY A SYMBOL AS SHOWN BELOW. ON THE DRAWING N IS FOLLOWED BY A NUMERAL WHICH INDICATES THE SIZE IN MILLIMETRES. A MARK NUMERAL (IF USED) FOLLOWS THIS NUMERAL.
N. HOT ROLLED DEFORMED BAR, GRADE 410Y
S. HOT ROLLED DEFORMED BAR, GRADE 230S
R. PLAIN ROUND BAR, GRADE 230R
SL. HARD DRAWN WIRE FABRIC.
 - PROVIDE BAR SUPPORTS OR SPACERS TO GIVE THE FOLLOWING CONCRETE COVER TO ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FOOTINGS
- 75 BOTTOM, 65 TOP AND SIDES SLABS
- 20 TOP AND BOTTOM, 30 WHEN EXPOSED TO WEATHER.

BEAMS
- 50 BOTTOM AND SIDES (TO STIRRIPS) TOP COVER AS DETAILED COLUMNS
- 40 TO TIES AND SPIRALS 50 WHEN EXPOSED TO WEATHER

WALLS
- 25 GENERALLY 30 WHEN CAST IN FORMS BUT LATER EXPOSED TO WEATHER OR GROUND.
- 65 WHEN CAST DIRECTLY IN CONTACT WITH GROUND.

- CURING
- CURE ALL CONCRETE IN ACCORDANCE TO THE METHOD PROVIDED IN THE SPECIFICATION.

LINEMARKING NOTES

- THE WORK SHALL INCLUDE ALL LINE MARKING TO ROADS, HARDSTANDS, PATHS, CARPARKS AND THE TRAFFICABLE AREAS.
- THE PAVEMENT MARKING AND PAINT SHALL BE IN ACCORDANCE WITH AS 1742.2 AND THE RELEVANT LOCAL AND STATE AUTHORITY GUIDELINES.
- PAINT SHALL BE TYPE 3, CLASS A AND THE COLOUR SHALL BE WHITE AND NOT SUBJECT TO DISCOLOURATION BY BITUMEN FROM THE ROAD SURFACE. EACH LINE SHALL BE 80mm WIDE, UNO IN LEGEND. ALL PAINT SHALL BE APPLIED BY MECHANICAL SPRAYER.
- LINE MARKING SHALL BE SPOTTED OUT AND APPROVED PRIOR TO SPRAYING.
- PAINT SHALL BE APPLIED AT A WET THICKNESS OF BETWEEN 0.35mm TO 0.40mm.
- ALL EXISTING PAVEMENT MARKING WHICH IS LOCATED ON EXISTING PAVEMENT TO BE RETAINED SHALL BE REMOVED BY GRINDING WHERE THE EXISTING MARKINGS ARE MADE REDUNDANT BY THE PROPOSED WORKS.

EROSION AND SEDIMENT CONTROL NOTES

- GENERAL INSTRUCTIONS
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
 - THE SITE SUPERINTENDENT WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS INSTRUCTED IN THIS SPECIFICATION.
 - ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.
- DEMOLITION SEQUENCE
- THE SOIL EROSION POTENTIAL ON THIS SITE SHALL BE MINIMISED, HENCE WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE :
 - INSTALL SEDIMENT FENCES, TEMPORARY CONSTRUCTION EXIT AND SANDBAG KERB INLET SEDIMENT TRAP.
 - UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.
- EROSION CONTROL
- DURING WINDY CONDITIONS, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
 - SITE TOPSOILING AND SEEDING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM COMPLETION OF DEMOLITION ACTIVITIES.

- FENCING
- STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
 - ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
 - WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
 - TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.
- OTHER MATTERS
- ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
 - RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE SITE SUPERINTENDENT.

- SITE INSPECTION & MAINTENANCE
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.
 - THE CONTRACTOR IS TO PROVIDE A SUM TO ATTEND THE SITE ON A WEEKLY BASIS AND AFTER MAJOR STORM EVENTS TO PERFORM UPKEEP ON THE CYCLONE FENCING, PUMP OUT SYSTEM, SEDIMENT AND EROSION INFRASTRUCTURE, WATERING OF GRASS SEEDING AND DUST SUPPRESSION UNTIL THE COMMENCEMENT OF THE CONSTRUCTION WORKS OR UNLESS OTHERWISE ADVISED BY THE SITE REPRESENTATIVE.

DIAL BEFORE YOU DIG



IMPORTANT: THE CONTRACTOR IS TO MAINTAIN A CURRENT SET OF "DIAL BEFORE YOU DIG" DRAWINGS ON SITE AT ALL TIMES.

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JH			
E	RE-ISSUE DEVELOPMENT APPLICATION	9.03.18	DW
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW
C	RE-ISSUE FOR TENDER	25.09.17	DW
B	ISSUE FOR TENDER	11.08.17	DW
Issue	Description	Date	Drawn
			Approved

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624

ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

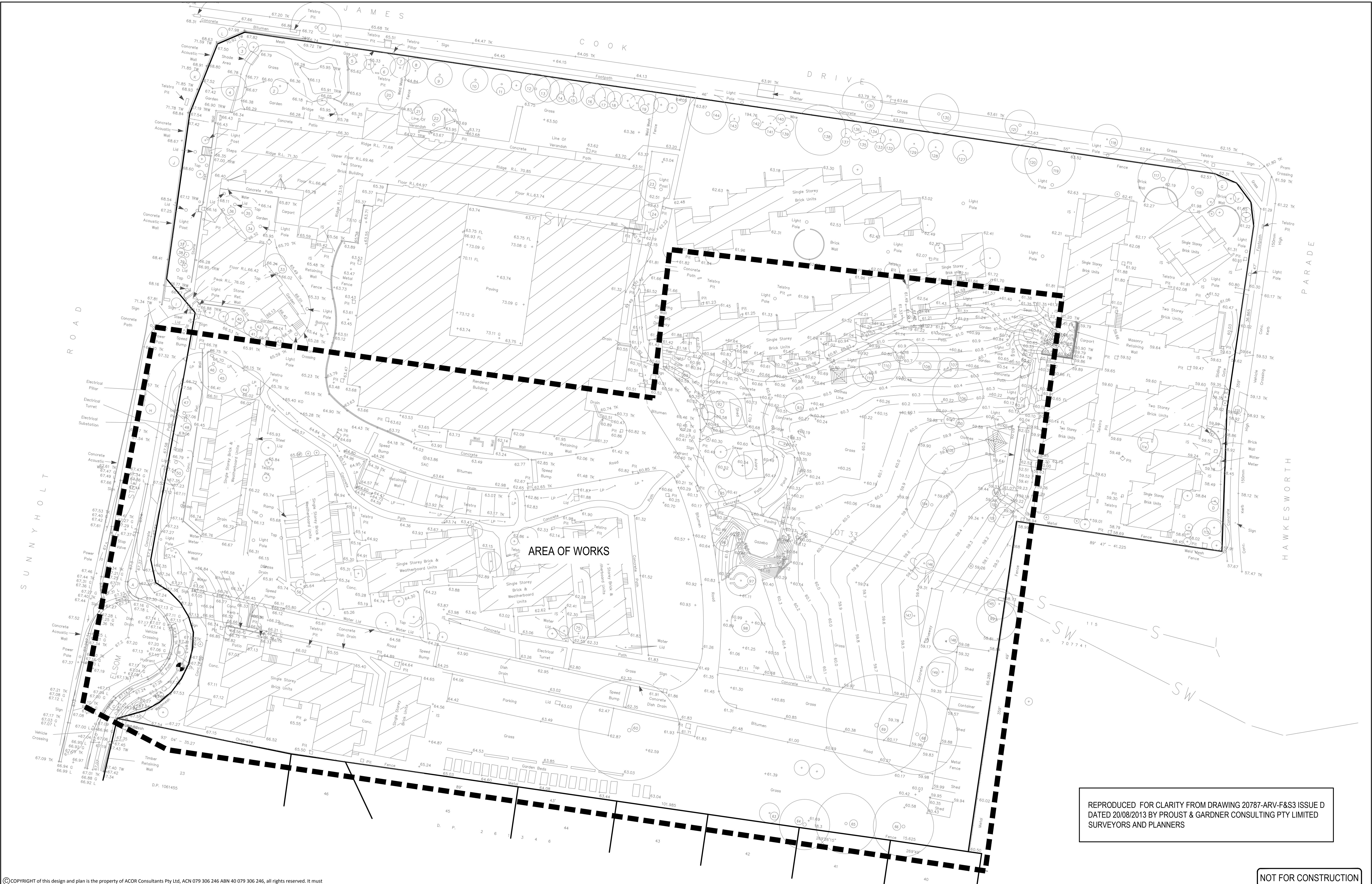
Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title LEGENDS			
Drawn DW	Date MAY ' 2017	Scale NTS	A1
Designed MM	Project No. SY160504	Dwg. No. C201.02	Date 25.09.17
		Issue E	

NOT FOR CONSTRUCTION

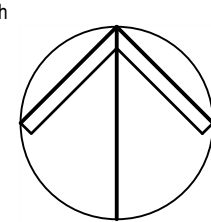


REPRODUCED FOR CLARITY FROM DRAWING 20787-ARV-F&S3 ISSUE D
DATED 20/08/2013 BY PROUST & GARDNER CONSULTING PTY LIMITED
SURVEYORS AND PLANNERS

NOT FOR CONSTRUCTION

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL			
D	RE-ISSUE DEVELOPMENT APPLICATION	09.03.18	DW
C	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW
B	RE-ISSUE FOR TENDER	25.09.17	DW
A	ISSUE FOR TENDER	11.08.17	DW
Issue	Description	Date	Drawn
			Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624

ACOR

CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title		SURVEY PLAN	
Drawn	Date	Scale	A1
DW	MAY 2017	N.T.S.	
Designed	Project No.	Q.A. Check	Date
MM	SY160504	JH	07.07.17
		C201.03	Issue
			D

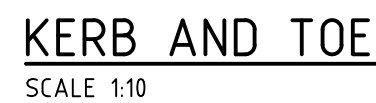


KERB INLET PIT TYPE "D"



MINIMUM INTERNAL PIT DIMENSIONS		
"D"	"X"	"Y"
D ≤ 600	450	450*
D ≤ 900	600	600*
D ≤ 1200	600	900
D > 1200	900	900

NOTE: PITS DENOTED * SHALL BE USED ONLY WHERE SPECIFIED IN DRAINAGE SCHEDULE OR ON PLAN.



SCALE 1:10
NOTE:
'd' = SUBBASE THICKNESS TO MATCH DEPTH OF
PAVEMENT SUBBASE, BUT NOT LESS THAN 75



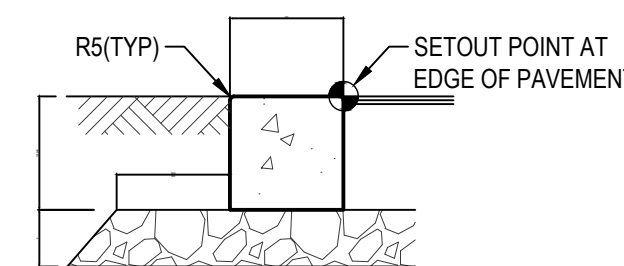
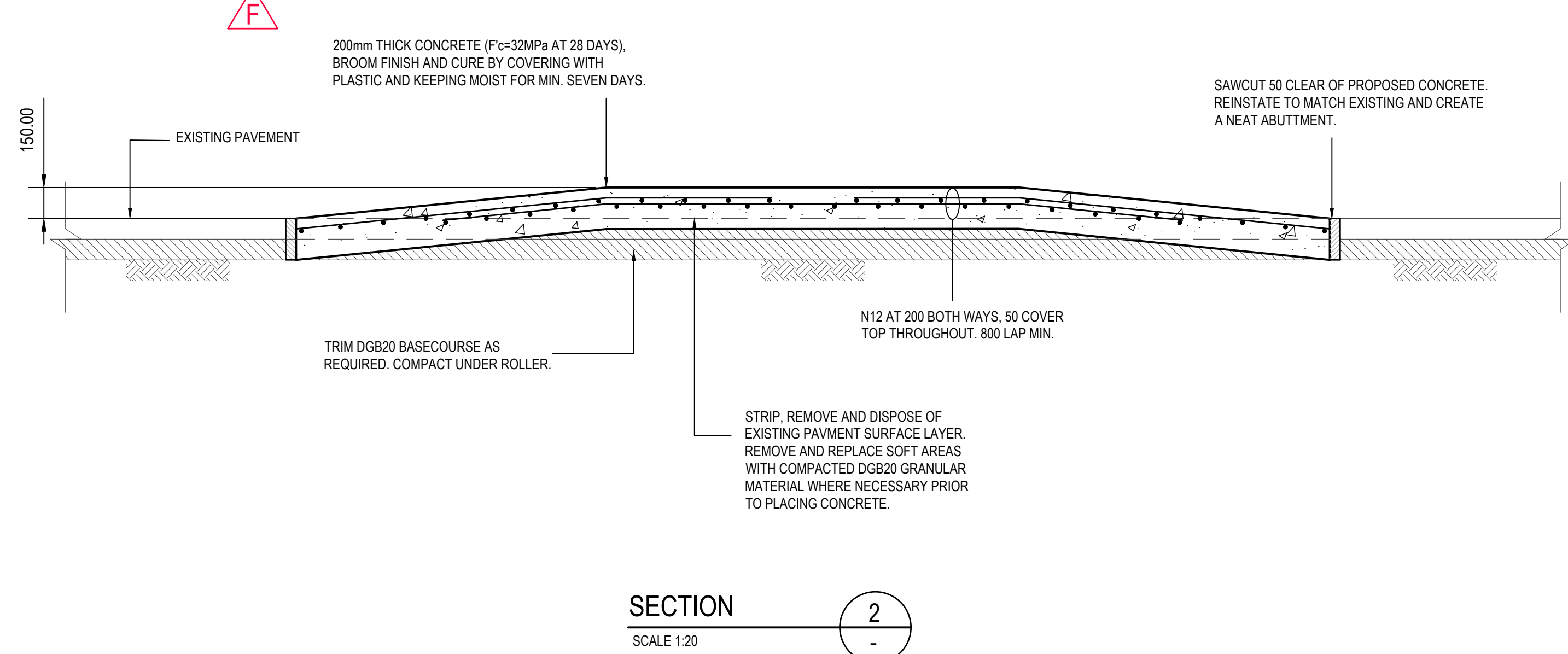
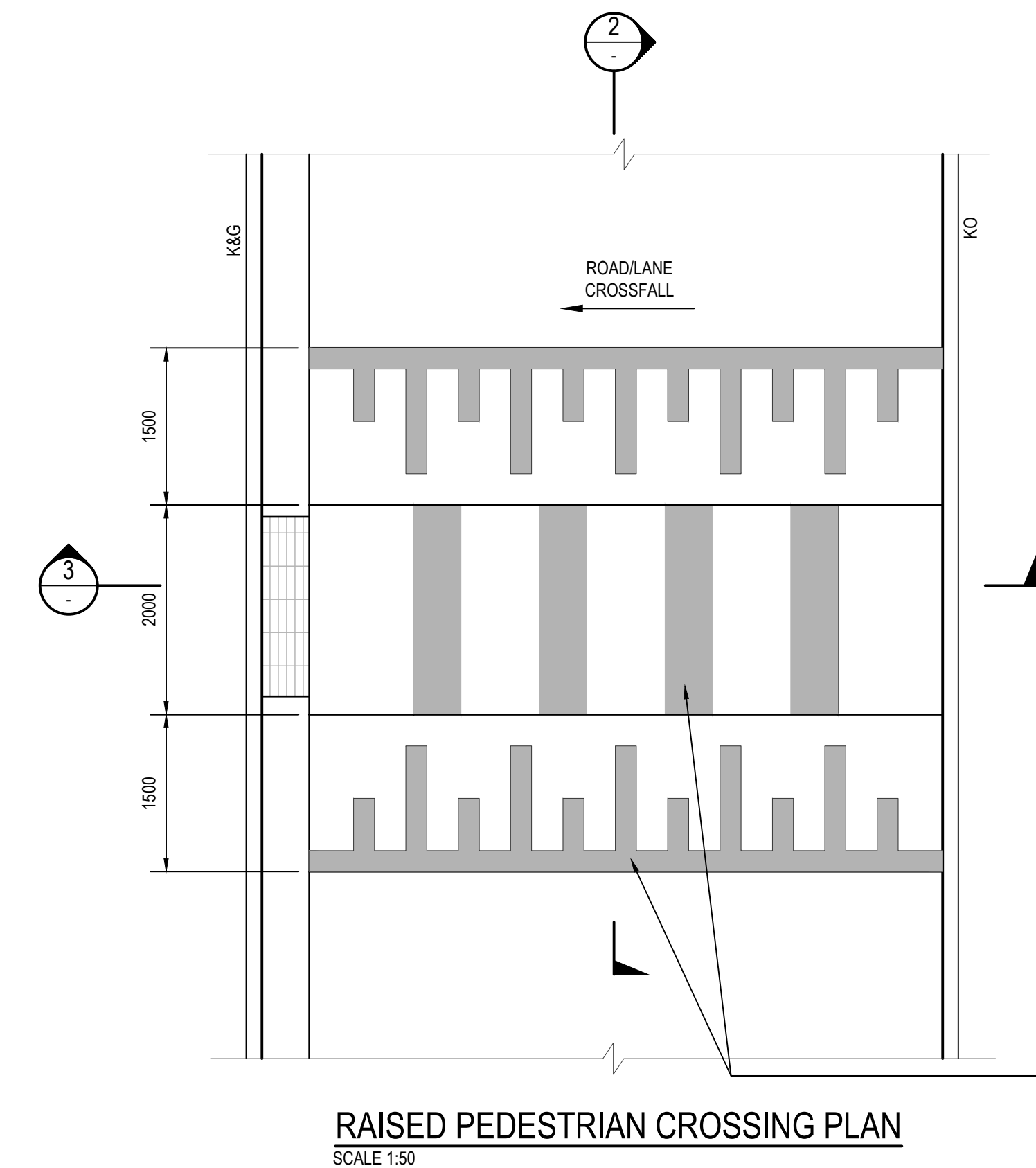
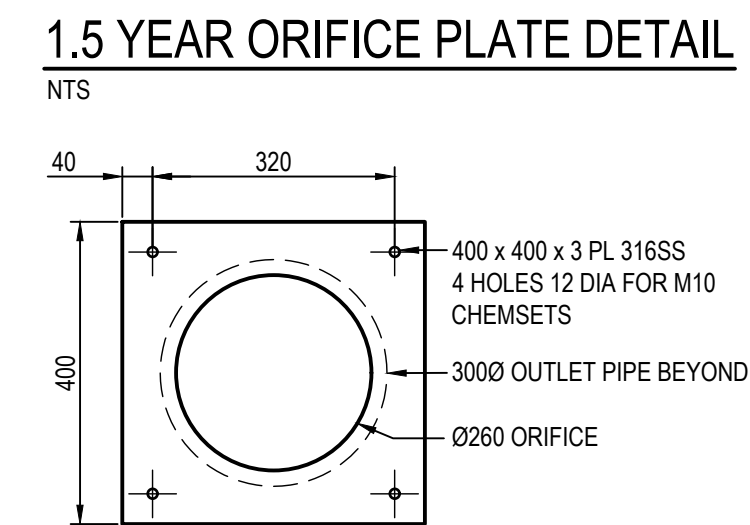
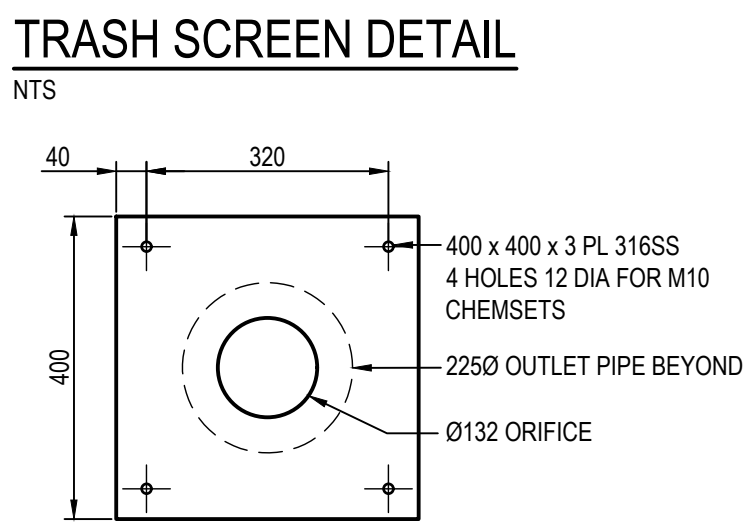
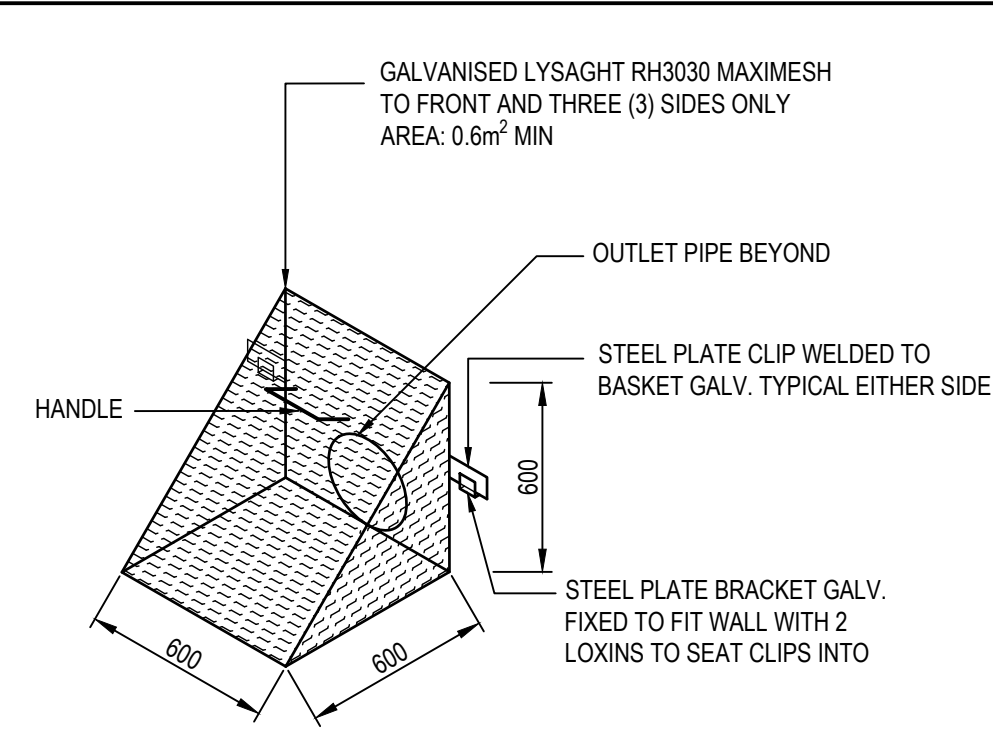
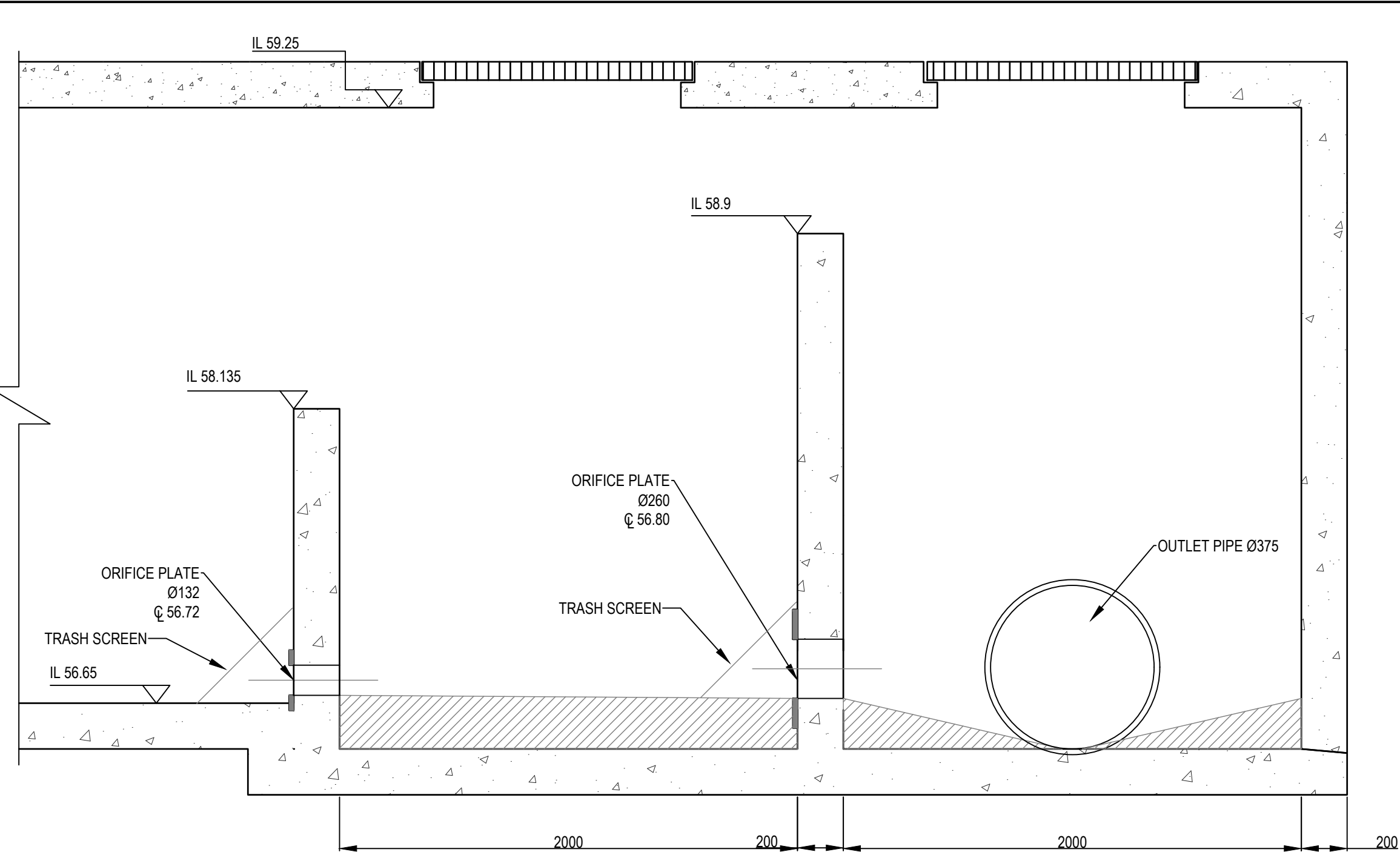
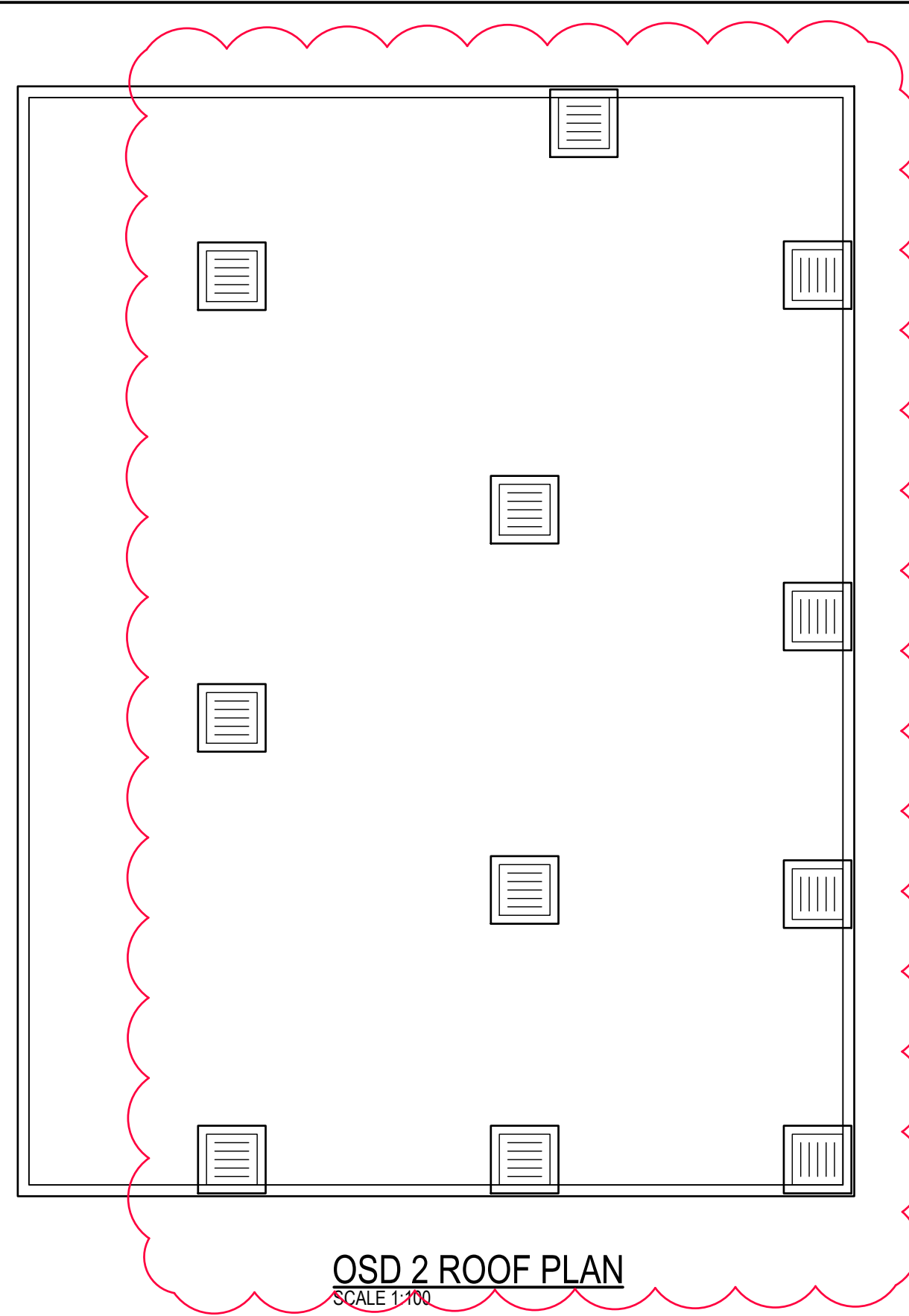
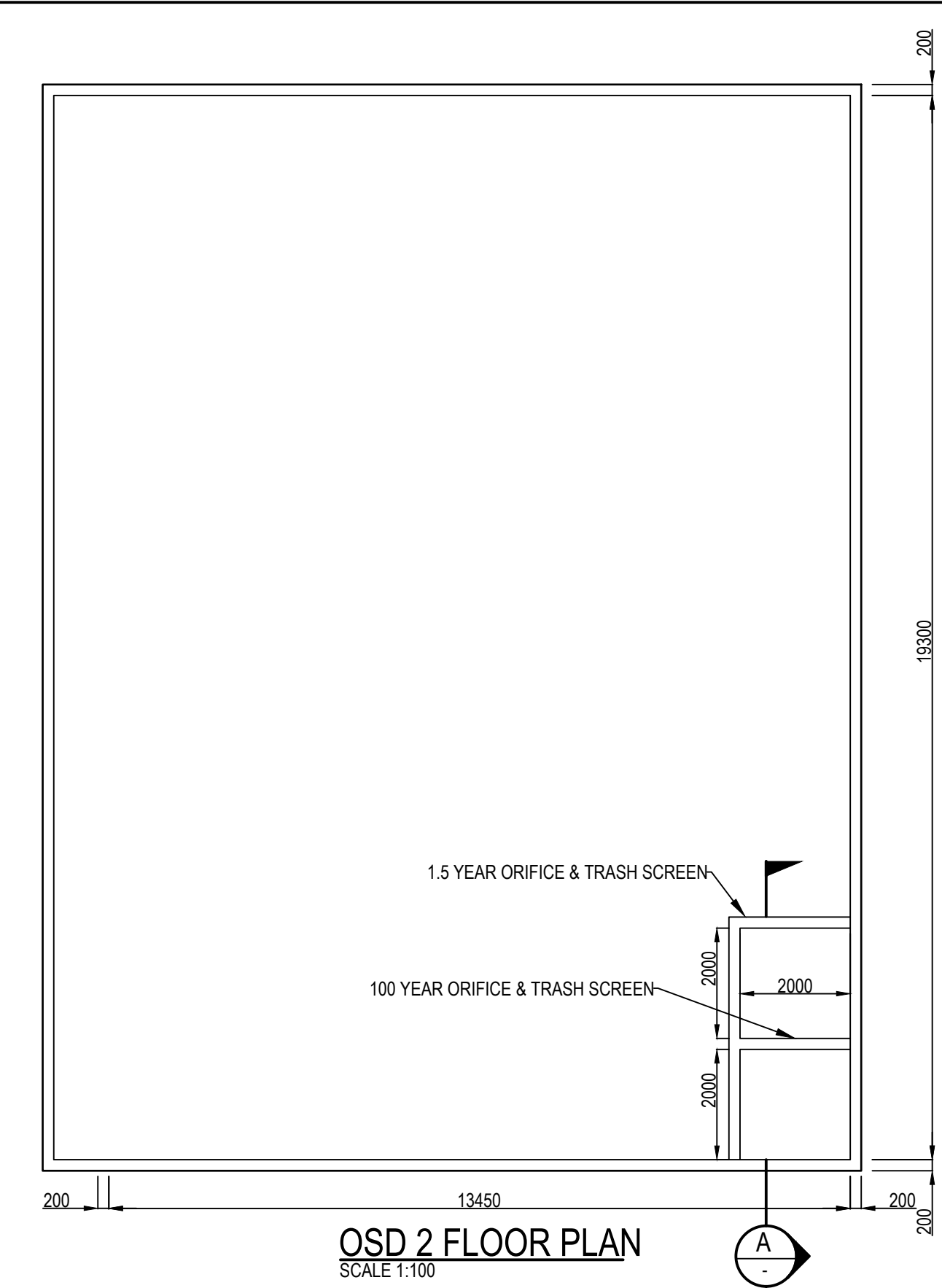
SCALE 1:10
NOTE:
'd' = SUBBASE THICKNESS TO MATCH DEPTH OF PAVEMENT SUBBASE, BUT NOT LESS THAN 75



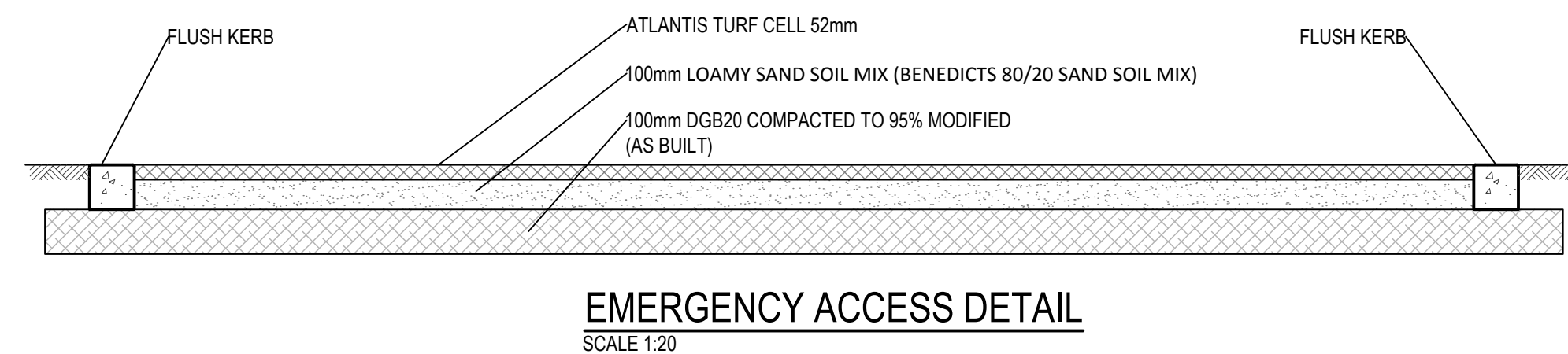
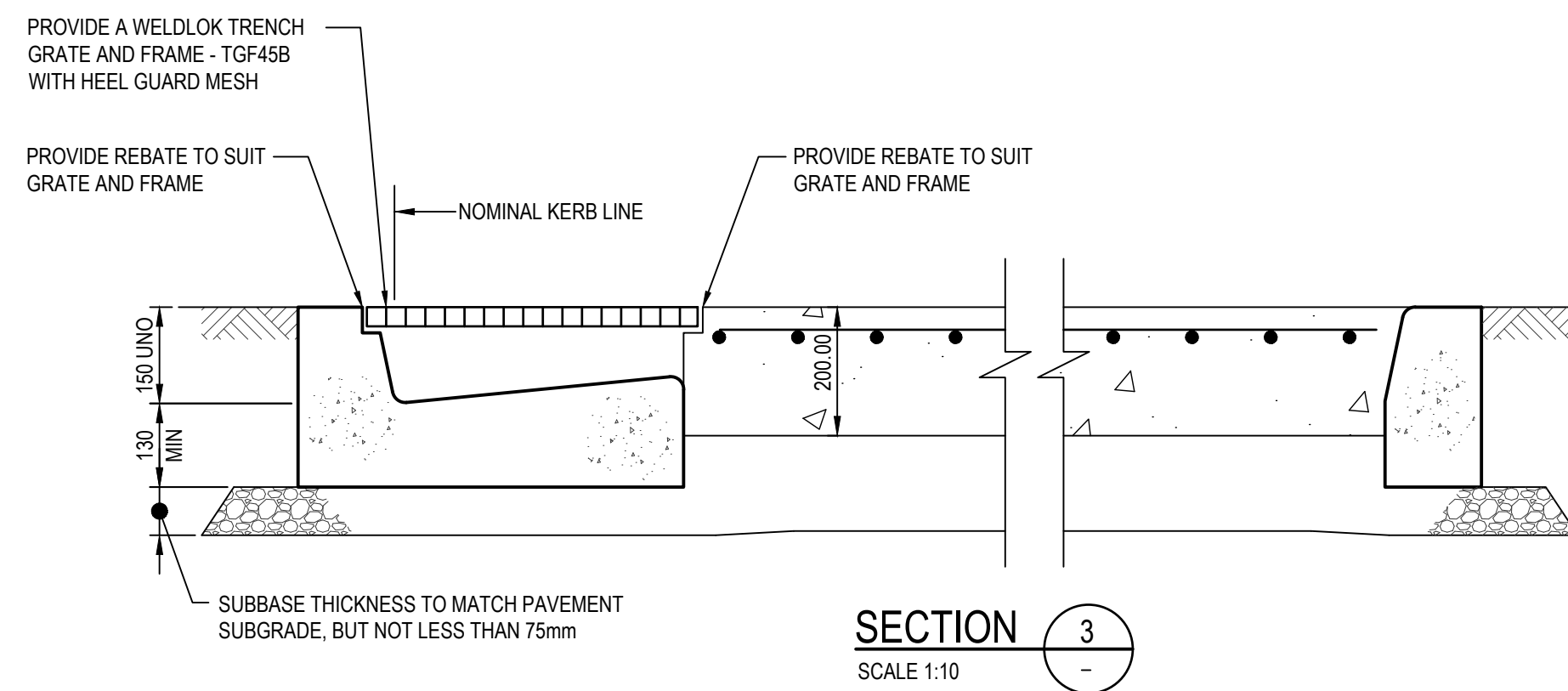
SURFACE INLET/JUNCTION PIT
PIT TYPE "A"



NOT FOR CONSTRUCTION



NOTE:
'd' = SUBBASE THICKNESS TO MATCH DEPTH OF PAVEMENT SUBBASE, BUT NOT LESS THAN 75



© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

F	RE-ISSUE DEVELOPMENT APPLICATION	9.03.18	DW	JB	North
E	EMERGENCY ACCESS DETAILS ADDED	30.01.18	DW	JB	
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH	
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH	
Issue	Description	Date	Drawn	Approved	

Client

ADVENTIST AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300 FAX : 9868 2624

ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

ACOR CONSULTANTS ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project

**DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE**

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawn	Date	Scale	A1	Q.A. Check	Date
DW	MAY 2017	AS SHOWN		JH	07.07.17
Designed	Project No.	Dwg. No.	Issue		
MM	SY160504	C201.06	F		

NOT FOR CONSTRUCTION

NOTE:
ENSURE THAT ALL COUNCIL AND PUBLIC
UTILITY ASSETS ARE MAINTAINED AND
PROTECTED AT ALL TIMES IN THE VICINITY
OF THE TEMPORARY CONSTRUCTION EXIT

GEOTEXTILE FABRIC DESIGNED TO PREVENT INTERMIXING
OF SUBGRADE AND BASE MATERIALS AND TO MAINTAIN
GOOD PROPERTIES OF THE SUB-BASE LAYERS. THE
GEOTEXTILE MAY BE WOVEN OR NEEDLE PUNCHED
PRODUCT WITH A MINIMUM CBR BURST STRENGTH
(AS3706.4-90) OF 2500N.

CONSTRUCTION NOTES

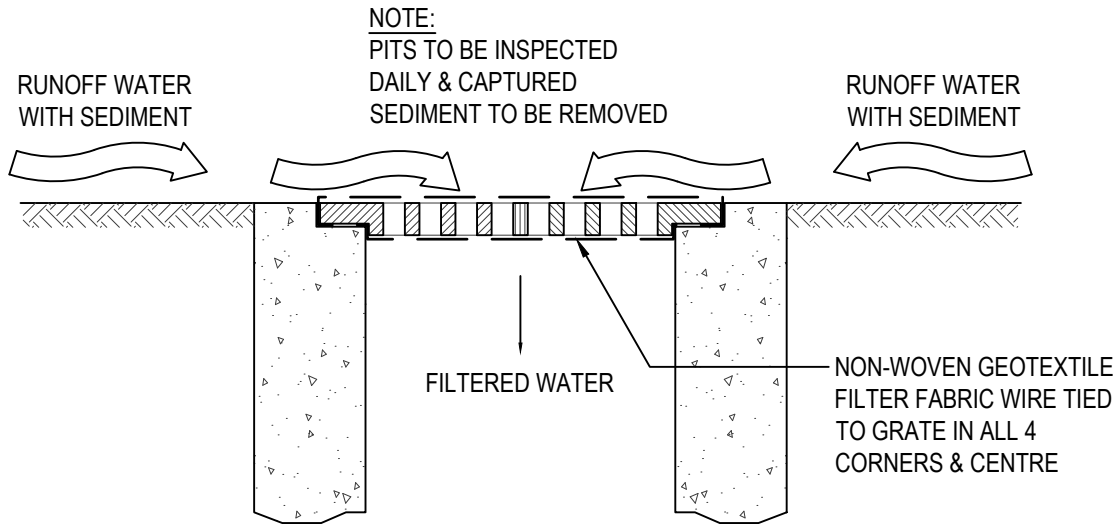
1. STRIP TOPSOIL AND LEVEL SITE.
2. COMPACT SUBGRADE.
3. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
4. CONSTRUCT 200mm THICK PAD OVER GEOTEXTILE USING ROADBASE OR 30mm SINGLE SIZE AGGREGATE.
5. CONSTRUCT HUMP IMMEDIATELY WITHIN BOUNDARY TO DIVERT WATER TO A SEDIMENT FENCE OR OTHER SEDIMENT TRAP WHERE THE SEDIMENT IS COLLECTED AND REMOVED.

MAINTENANCE NOTES

THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENT OFF THE CONSTRUCTION SITE. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED OFF THE CONSTRUCTION SITE MUST BE REMOVED IMMEDIATELY.

TEMPORARY STABILISED CONSTRUCTION EXIT

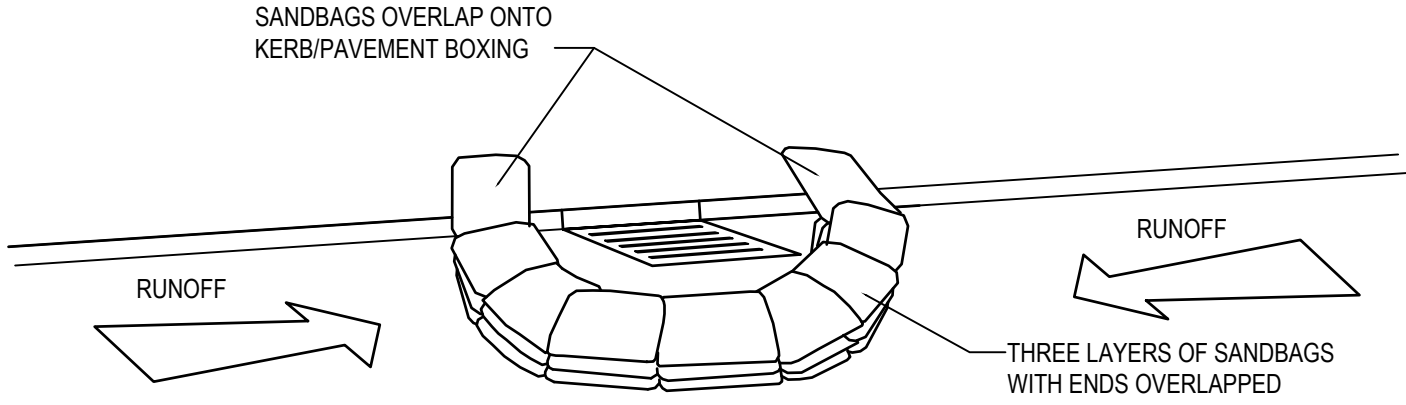
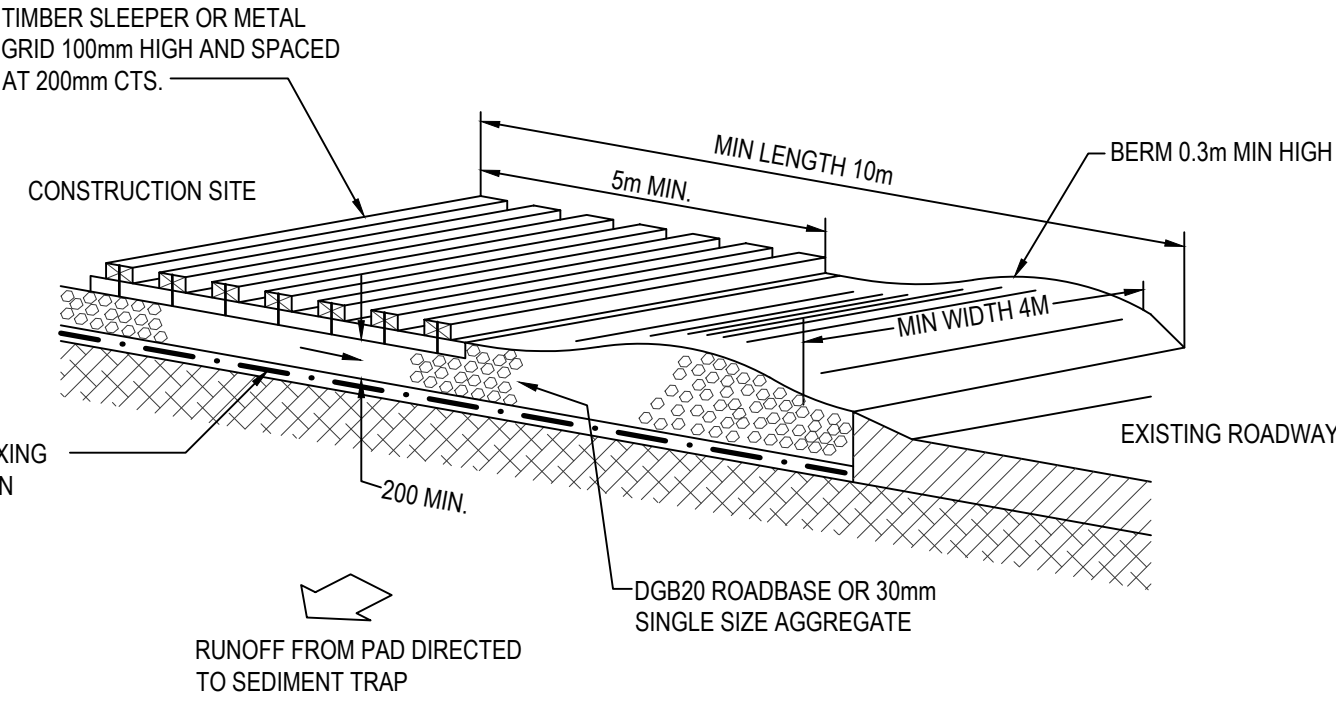
N.T.S.



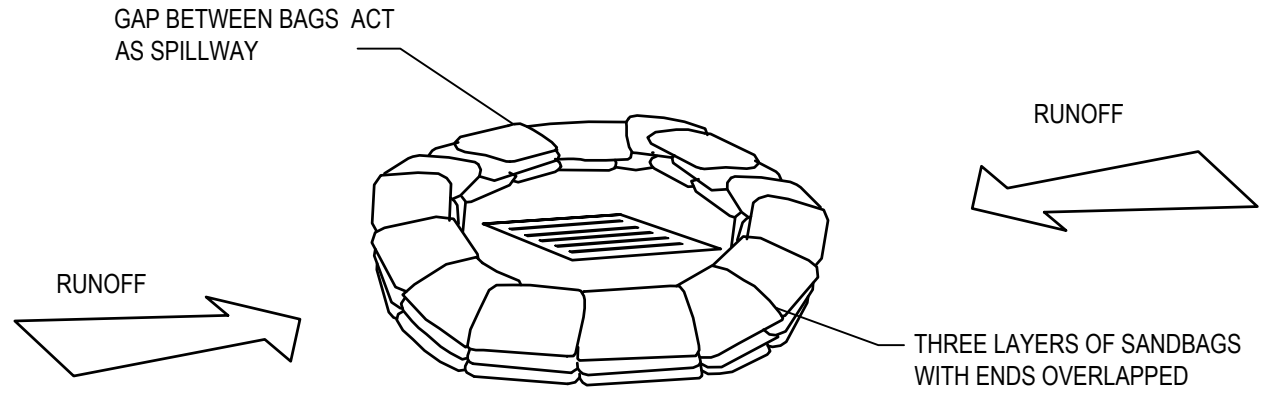
INLET TRAP

N.T.S.

NOTE:
TO BE USED IN PAVED AREAS WHERE
TRAFFIC ACCESS IS REQUIRED



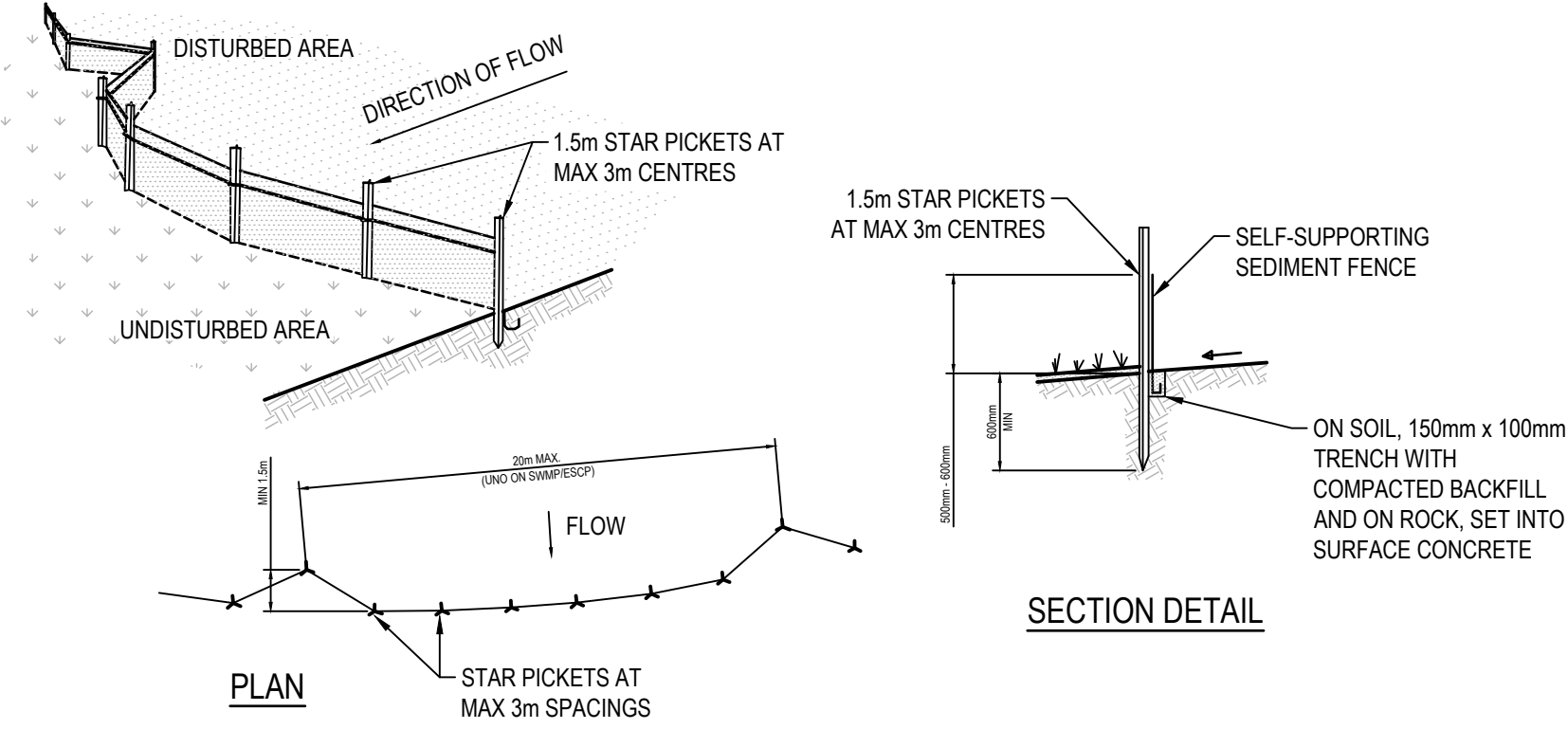
SANDBAG SEDIMENT TRAP - AT KERB SAG PIT



SANDBAG SEDIMENT TRAP - AT OTHER THAN KERB SAG PIT

SANDBAG SEDIMENT TRAP DETAILS

NTS



CONSTRUCTION NOTES

1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
2. DRIVE 1.5m LONG STAR PICKETS INTO GROUND, 3 METRES APART.
3. DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC.
5. FIX SELF-SUPPORTING SEDIMENT FENCE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY SEDIMENT FENCE MANUFACTURER.
6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.

SEDIMENT CONTROL FENCE

N.T.S.

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

E	RE-ISSUE DEVELOPMENT APPLICATION	9.03.18	DW	JH	North
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH	
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH	
B	ISSUE FOR TENDER	11.08.17	DW	JH	
A	ISSUE FOR TENDER	11.08.17	DW	JH	
Issue	Description	Date	Drawn	Approved	

Client



56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

stanton dahl
architects

FAX : 9868 2624



ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098



Project

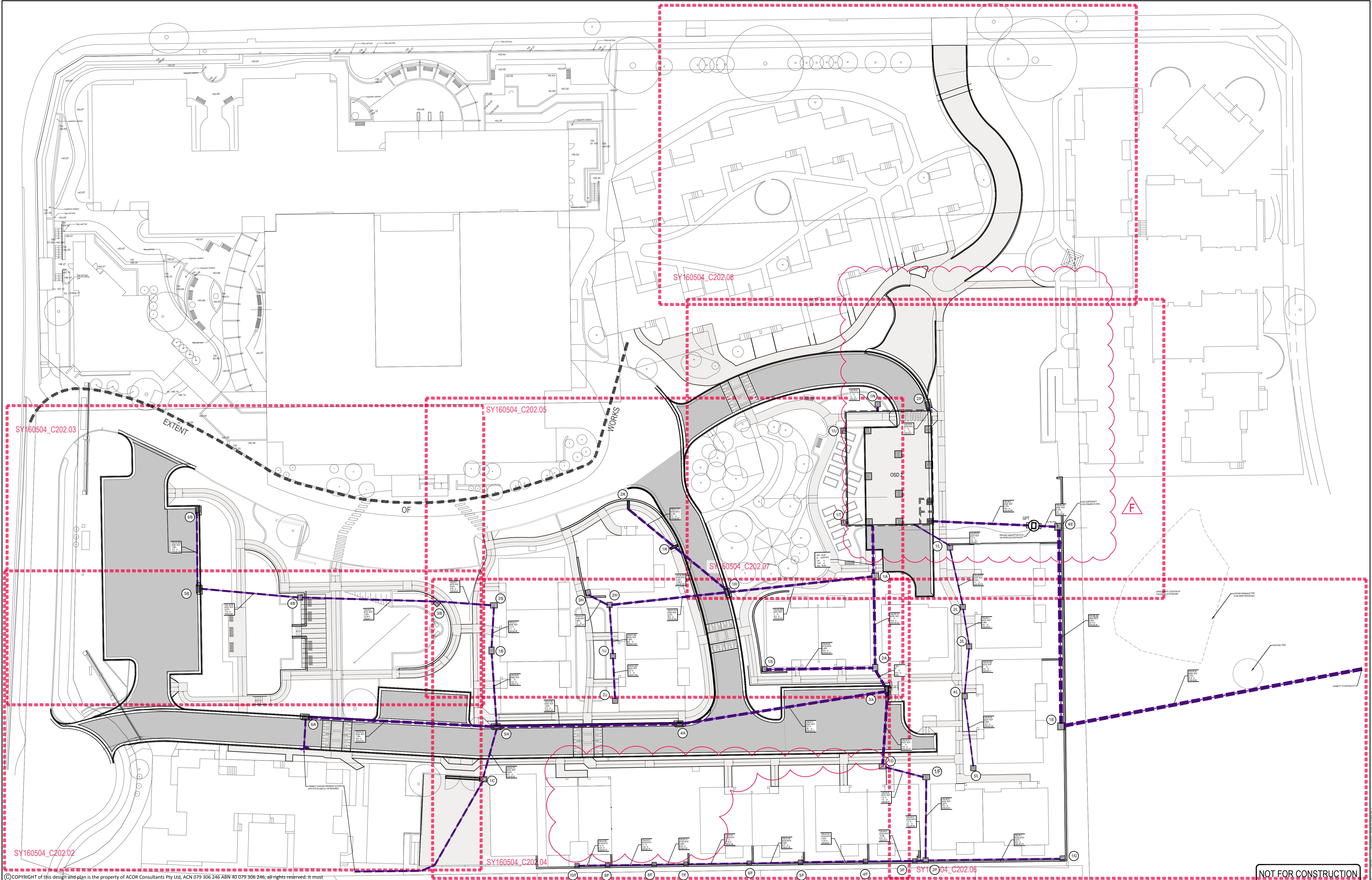
DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title
DETAILS
SHEET 3

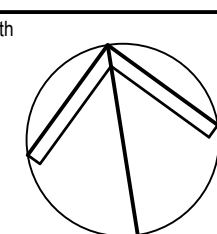
Drawn DW	Date MAY 2017	Scale AS SHOWN	A1	Q.A. Check JH	Date 07.07.17
Designed MM	Project No. SY160504	Dwg. No. C201.07	Issue E		

NOT FOR CONSTRUCTION



© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246; all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

F	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JB
E	EMERGENCY ACCESS ADDED	30.01.18	DW	JB
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

stanton dahl
architects

FAX : 9868 2624

ACOR
CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098



Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title STORMWATER MANAGEMENT PLAN OVERALL PLAN				
Drawn DW	Date MAY 2017	Scale N.T.S.	A1	Q.A. Check JH
Designed MM	Project No. SY160504	Dwg. No. C202.01	Issue F	Date 07.07.17

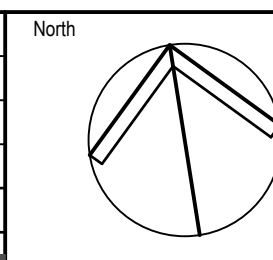
25/07/18 16:00:00 Drawing: SY160504_C202.01_C202.08.dwg



© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

F	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JB
E	KERB AND TOE LABEL ADDED	30.01.18	DW	JB
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624

ACOR
CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

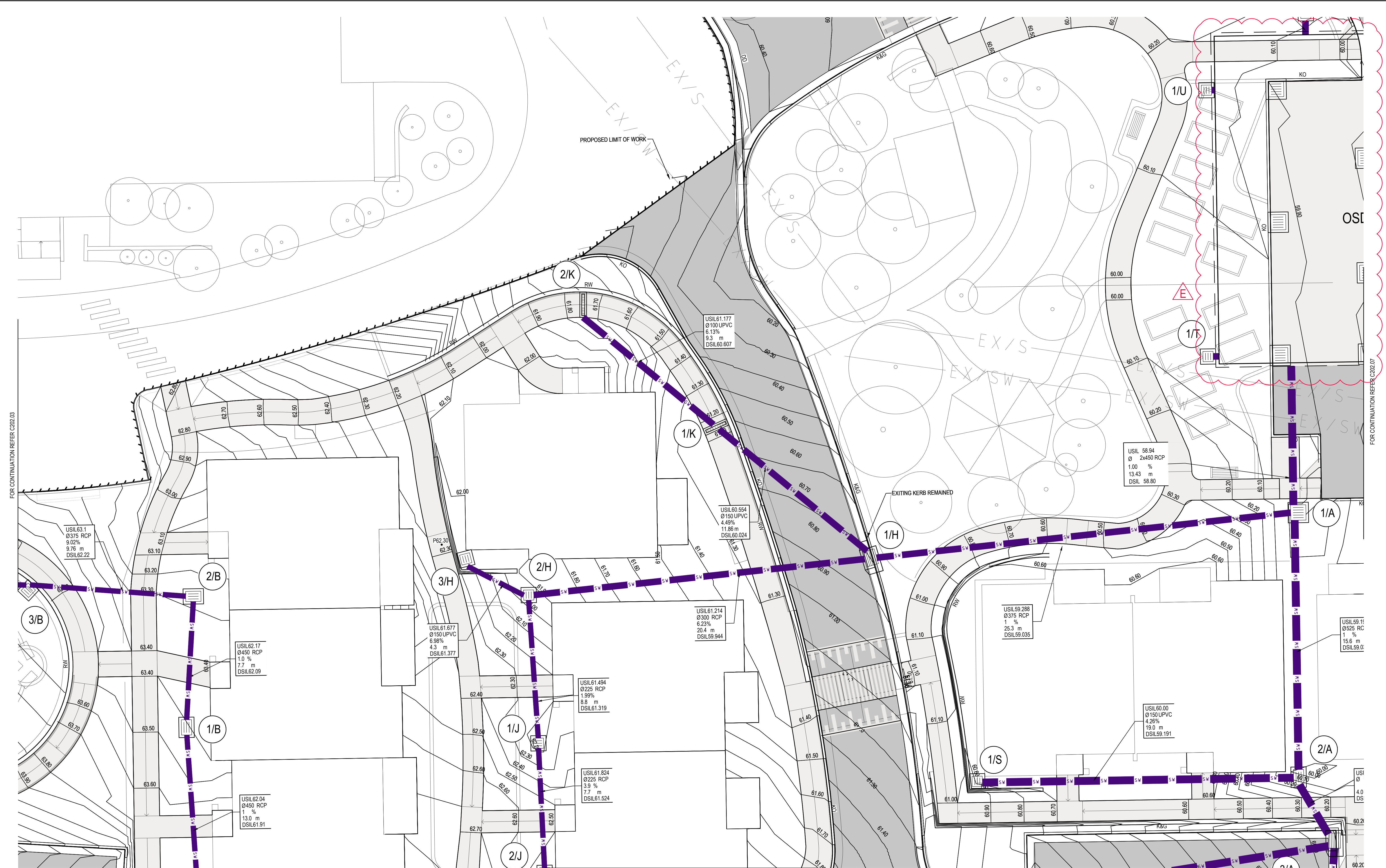
Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title STORMWATER MANAGEMENT PLAN SHEET 3				
Drawn DW	Date MAY'17	Scale 1:100	A1	Q.A. Check JH
Designed MM	Project No. SY160504	Dwg No. C202.04	Issue F	Date 07.07.17

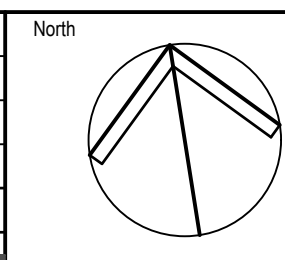
NOT FOR CONSTRUCTION



© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

F	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JB
E	OSD LID CONC HATCHING AMENDED & GRATED DRAINS LABELLED	30.01.18	DW	JB
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

ACOR
CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

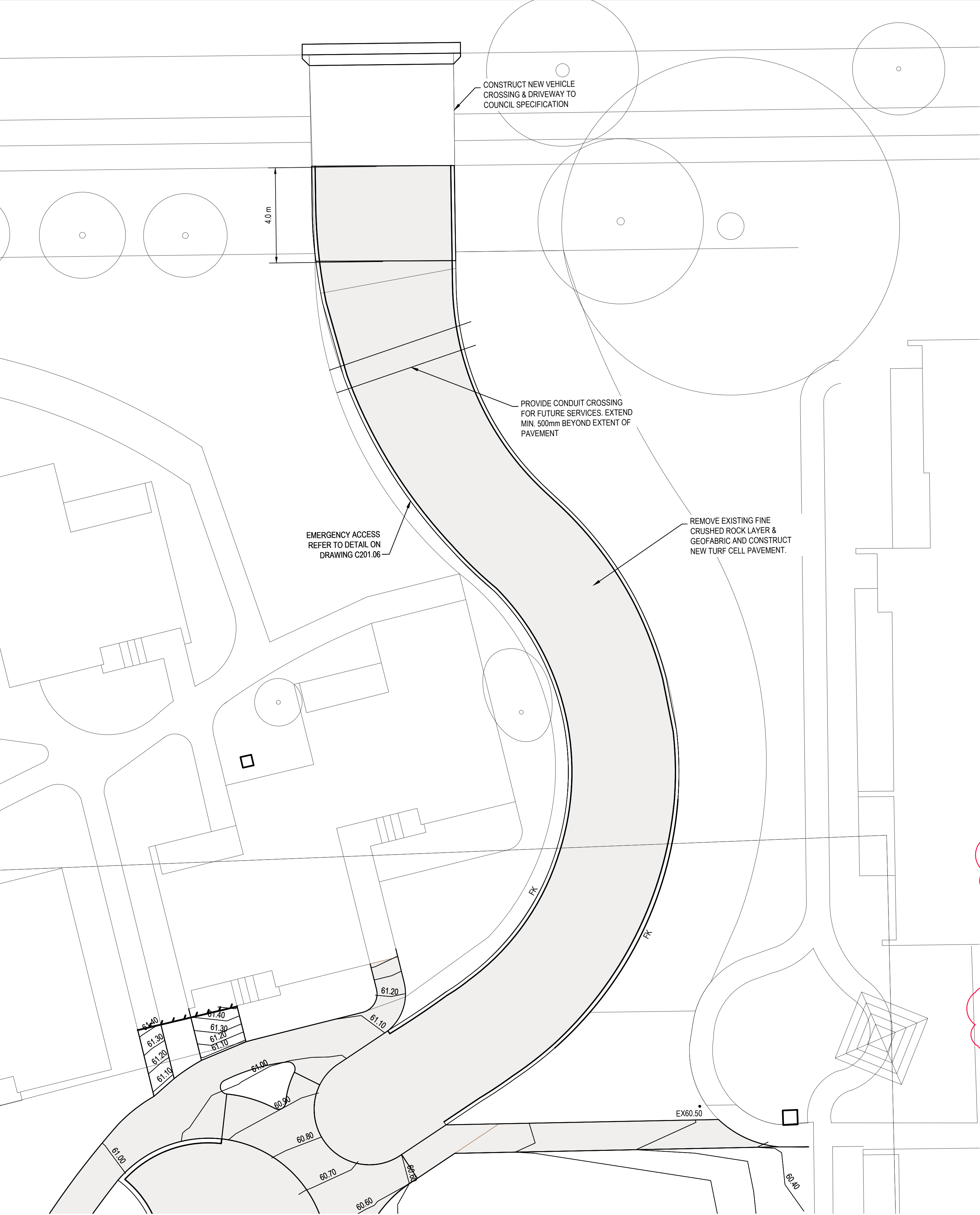
Drawing Title					
STORMWATER MANAGEMENT PLAN					
SHEET 4					
Drawn	Date	Scale	A1	Q.A. Check	Date
DW	MAY'17	1:100		JH	07.07.17
Designed	Project No.			Dwg. No.	Issue
MM	SY160504			C202.05	E

NOT FOR CONSTRUCTION



This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

Drawing Title STORMWATER MANAGEMENT PLAN SHEET 6				
Drawn DW	Date MAY'17	Scale 1:100	A1 O.A. Check JH	Date 07.07.17
Designed MM	Project No. SY160504		Dwg. No. C202.07	Issue F



SCHEDULE OF STORMWATER DRAINAGE STRUCTURES

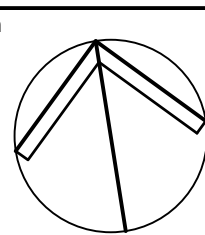
STRUCTURE TYPE	INTERNAL SIZE OF ACCESS OPENING CHAMBER AND COVER/GRATE AND FRAME TYPE	STRUCTURE NUMBER	COVER LEVEL
TYPE 'A' SURFACE INLET/ JUNCTION PIT	450x450 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	10F	63.25
	450x450 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	9F	63.24
	450x450 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	8F	62.60
	450x450 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	7F	62.60
	450x450 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	6F	62.10
	450x450 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	5F	61.52
	450x450 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	4F	61.31
	450x450 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	3F	60.71
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	2F	60.20
	600x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1F	60.25
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	2J	62.45
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1J	62.15
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1Q	59.7
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	4Q	60
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1M	60.05
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1N	60.05
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	3H	62.25
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1S	60.6
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1U	61.1
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1T	60.0
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1R	59.7
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	2H	61.95
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	2D	61.6
	600x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	2A	60.0
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	4D	63.28
	600x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	2B	63.10
	600x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1B	63.40
	600x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1F	60.25
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	3D	62.45
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	5L	60.05
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	4L	60.00
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	3L	59.50
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	2L	59.50
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1L	59.45
	900x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME, BOLT LID	3E	60.00
	900x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	4A	59.95
	900x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	4E	58.80
	900x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME, BOLT LID	1E	60.00
	600x600 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	4B	65.10
	600x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	3B	63.70
	900x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME, BOLT LID	3C	63.70
	600x900 WITH CLASS 'B' GALVANISED MILD STEEL GRATE AND FRAME. GRATE TO BE HINGED TO FRAME	1D	60.80

TYPE 'D' KERB INLET PIT	600X900 WITH CLASS 'D' CAST IRON SOLID COVER AND FRAME. COVER TO BE CONCRETE INFILLED	2P	59.90
	600X900 WITH CLASS 'D' CAST IRON SOLID COVER AND FRAME. COVER TO BE CONCRETE INFILLED	5A	63.45
	600X900 WITH CLASS 'D' CAST IRON SOLID COVER AND FRAME. COVER TO BE CONCRETE INFILLED	4A	61.95
	600X900 WITH CLASS 'D' CAST IRON SOLID COVER AND FRAME. COVER TO BE CONCRETE INFILLED	6A	65.25
	600X900 WITH CLASS 'D' CAST IRON SOLID COVER AND FRAME. COVER TO BE CONCRETE INFILLED	1H	60.65
	600X900 WITH CLASS 'D' CAST IRON SOLID COVER AND FRAME. COVER TO BE CONCRETE INFILLED	6B	65.8
	600X900 WITH CLASS 'D' CAST IRON SOLID COVER AND FRAME. COVER TO BE CONCRETE INFILLED	5B	60.00
	600X900 WITH CLASS 'D' CAST IRON SOLID COVER AND FRAME. COVER TO BE CONCRETE INFILLED	3A	60.15
GRATED DRAIN	GRATED DRAIN 200mm WIDE 200mm DEEP CLASS D 600x600 BOLT LID PIT	1C	64.05
	GRATED DRAIN 100mm WIDE 200mm DEEP	2K	61.75
	GRATED DRAIN 100mm WIDE 200mm DEEP	1K	61.18

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

F	RE-ISSUE DEVELOPMENT APPLICATION	09.03.18	DW	JB
E	EMERGENCY ACCESS ADDED	30.01.18	DW	JB
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client



56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624



ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098



Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title

STORMWATER MANAGEMENT PLAN
SHEET 7

Drawn	Date	Scale	A1	Q.A. Check	Date
DW	MAY'17	1:100		JH	07.07.17
Designed	Project No.	Dwg. No.	Issue		
MM	SY160504	C202.08	F		

NOT FOR CONSTRUCTION

25/07/2018 09:00:00 C:\Users\jhill\Documents\Projects\160504\160504_020214\202.08.dwg



NOT FOR CONSTRUCTION

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121

PHONE : 8876 5300 FAX : 9868 2624



stanton dahl
architects

Project
**DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE**

56 ELSOM STREET
KINGS LANGLEY, NSW

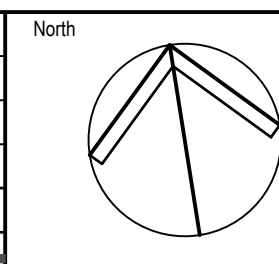
ar 09, 2018 - 12:30pm P:\SY16\SY160504\Drawings\CIV\Drawings\SY160504_C203.01-C203.03.dwg



© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

F	RE-ISSUE DEVELOPMENT APPLICATION	09.03.18	DW	JB
E	EMERGENCY ACCESS PAVEMENT ADDED	30.01.18	DW	JB
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

stanton dahl
architects

FAX : 9868 2624

ACOR
CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

Project

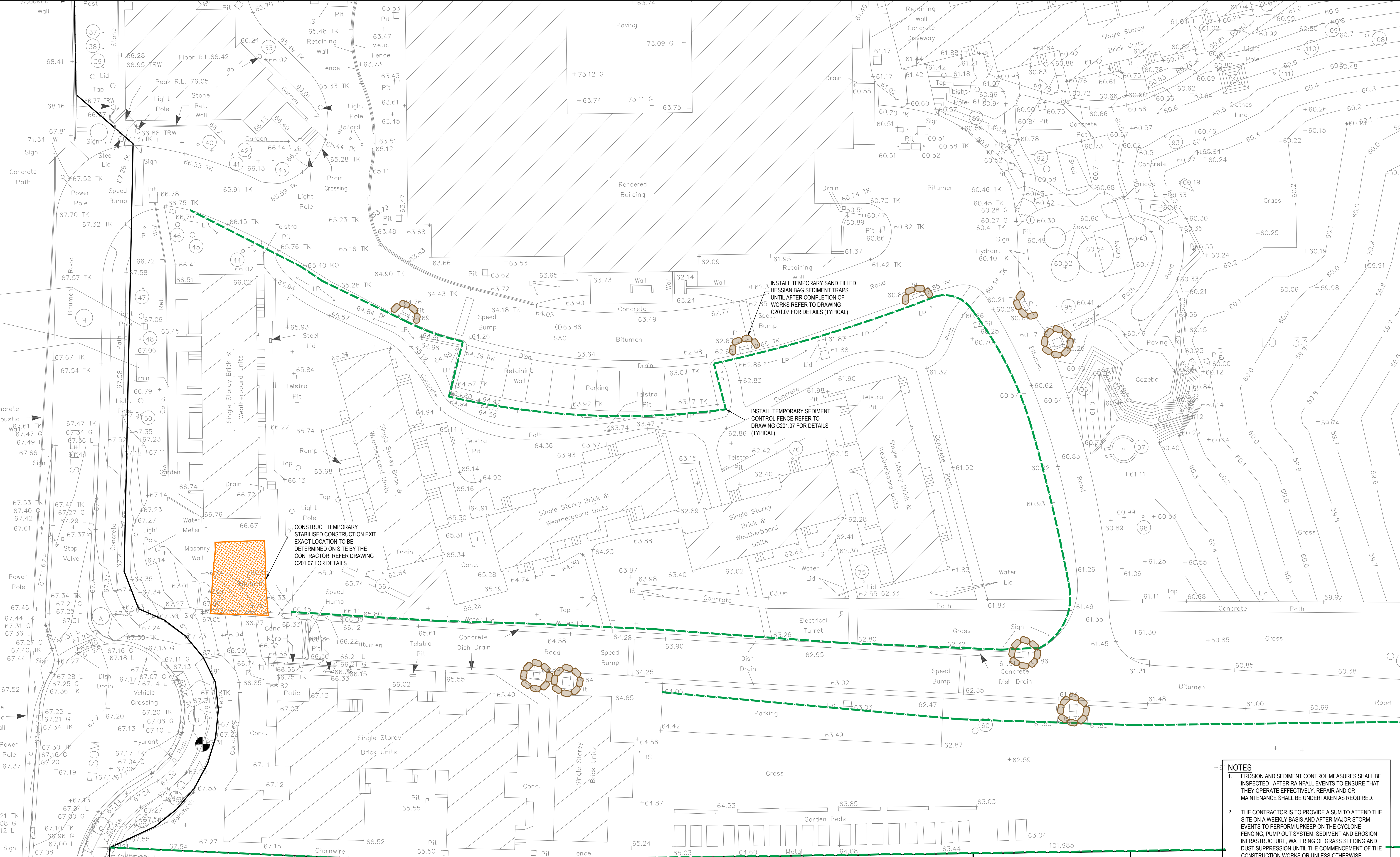
DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title PAVEMENT PLAN SHEET 3				
Drawn DW	Date MAY'17	Scale 1:200	A1	Q.A. Check JH
Designed MM	Project No. SY160504	Dwg. No. C203.03	Issue F	Date 07.07.17

NOT FOR CONSTRUCTION

25/07/18 09:00 AM C:\Users\jhill\Documents\Projects\160504\160504_C203.03.dwg

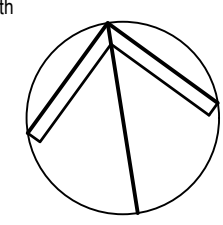


- NOTES**
1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.
 2. THE CONTRACTOR IS TO PROVIDE A SUM TO ATTEND THE SITE ON A WEEKLY BASIS AND AFTER MAJOR STORM EVENTS TO PERFORM UPKEEP ON THE CYCLONE FENCING, PUMP OUT SYSTEM, SEDIMENT AND EROSION INFRASTRUCTURE, WATERING OF GRASS SEEDING AND DUST SUPPRESSION UNTIL THE COMMENCEMENT OF THE CONSTRUCTION WORKS OR UNLESS OTHERWISE ADVISED BY THE SITE REPRESENTATIVE.

NOT FOR CONSTRUCTION

© COPYRIGHT OF this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

E	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JB
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH
B	ISSUE FOR TENDER	11.08.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624

ACOR
CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

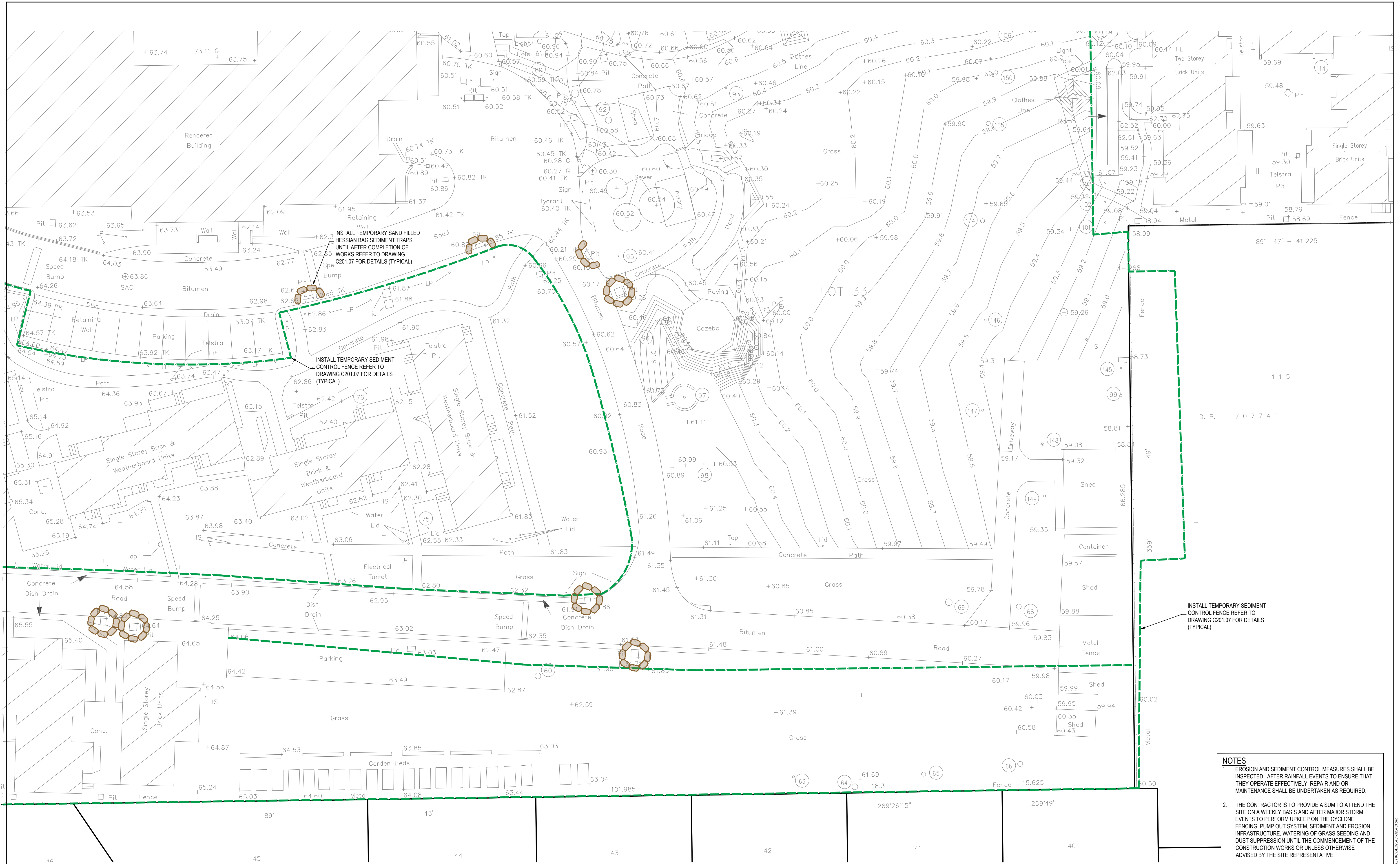
ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title	SOIL EROSION AND SEDIMENT CONTROL PLAN SHEET 1			
Drawn	Date	Scale	A1	Q.A. Check
DW	MAY'17	1:200		JH
Designed	Project No.		Dwg. No.	Issue
MM	SY160504		C204.01	E



- NOTES**
1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.
 2. THE CONTRACTOR IS TO PROVIDE A SUM TO ATTEND THE SITE ON A WEEKLY BASIS AND AFTER MAJOR STORM EVENTS TO PERFORM UPKEEP ON THE CYCLONE FENCING, PUMP OUT SYSTEM, SEDIMENT AND EROSION INFRASTRUCTURE, WATERING OF GRASS SEEDING AND DUST SUPPRESSION UNTIL THE COMMENCEMENT OF THE CONSTRUCTION WORKS OR UNLESS OTHERWISE ADVISED BY THE SITE REPRESENTATIVE.

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

E	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JB
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH
B	ISSUE FOR TENDER	11.08.17	DW	JH
Issue	Description	Date	Drawn	Approved

10m at full scale

Client

ADVENTIST AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624

ACOR CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project

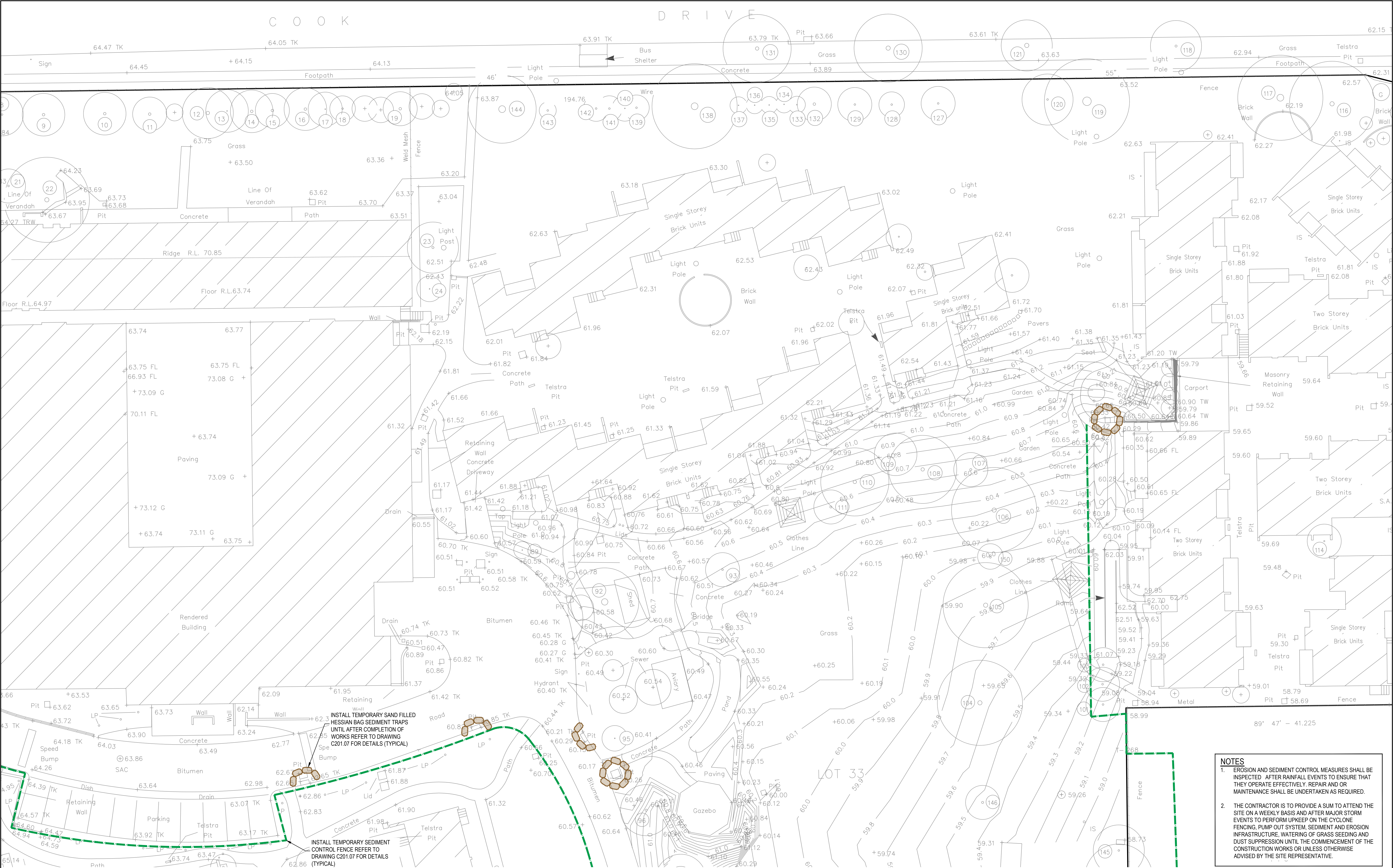
**DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE**

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title

**SOIL EROSION AND SEDIMENT CONTROL PLAN
SHEET 2**

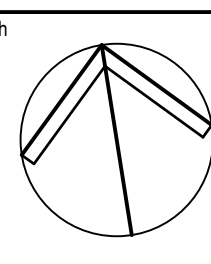
Drawn	Date	Scale	A1	Q.A. Check	Date
DW	MAY'17	1:200		JH	07.07.17
Designed	Project No.			Dwg. No.	Issue
MM	SY160504			C204.02	E



© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

E	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JH
D	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
C	RE-ISSUE FOR TENDER	25.09.17	DW	JH
B	ISSUE FOR TENDER	11.08.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624

ACOR
CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project

ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title SOIL EROSION AND SEDIMENT CONTROL PLAN SHEET 3				
Drawn DW	Date MAY'17	Scale 1:200	A1	Q.A. Check JH
Designed MM	Project No. SY160504	Dwg. No. C204.03	Date 07.07.17	Issue E

NOT FOR CONSTRUCTION

25/07/2018 09:00:00 C:\Users\jhill\Documents\Projects\SY160504\Drawings\SY160504_C204.03.dwg



HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:100

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd, ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

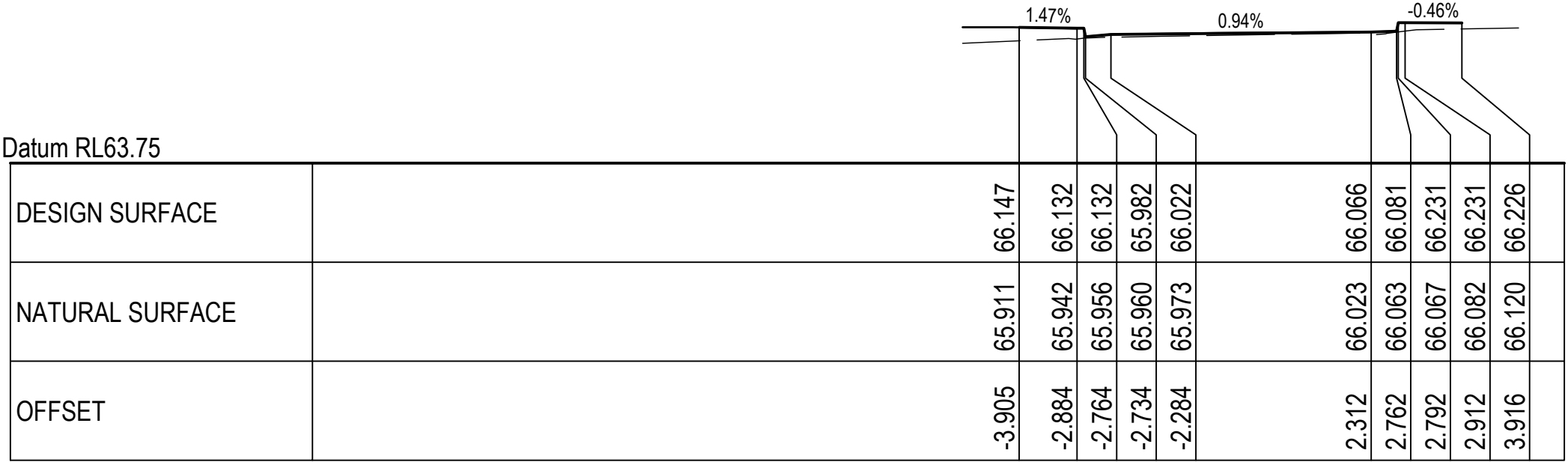


Project
**DEMENTIA RESIDENTIAL CARE FACILITY
 KINGS LANGLEY, ADVENTIST AGED CARE**

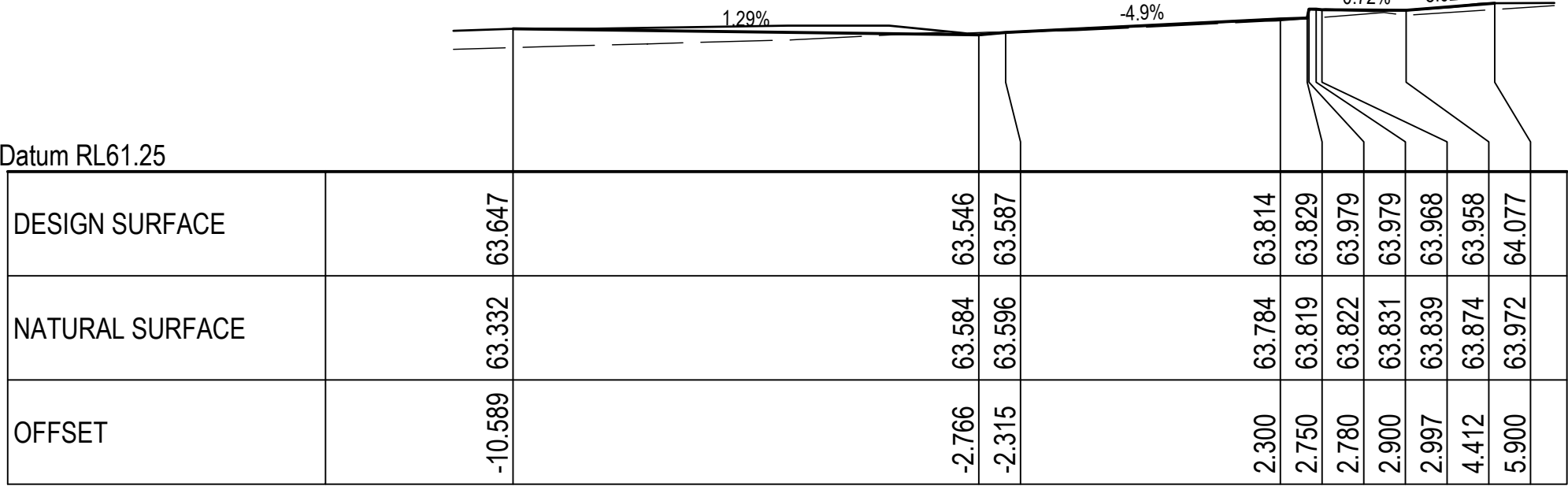
56 ELSOM STREET
 KINGS LANGLEY, NSW

Drawing Title				
ROAD 1				
PLAN AND LONGITUDINAL SECTION				
Drawn	Date	Scale	A1	G.A. Check
DW	JULY 2017	AS SHOWN		JH
Designed	Project No.		Dwg. No.	Issue
JRH	SY160504		C205.01	D

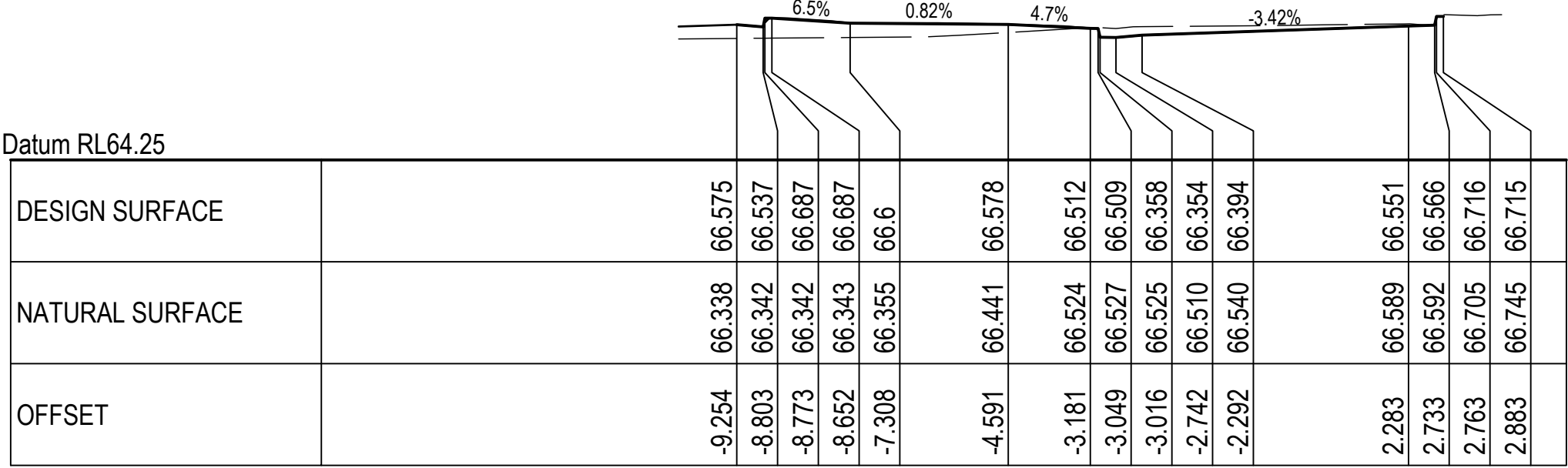
NOT FOR CONSTRUCTION



CH 20.000



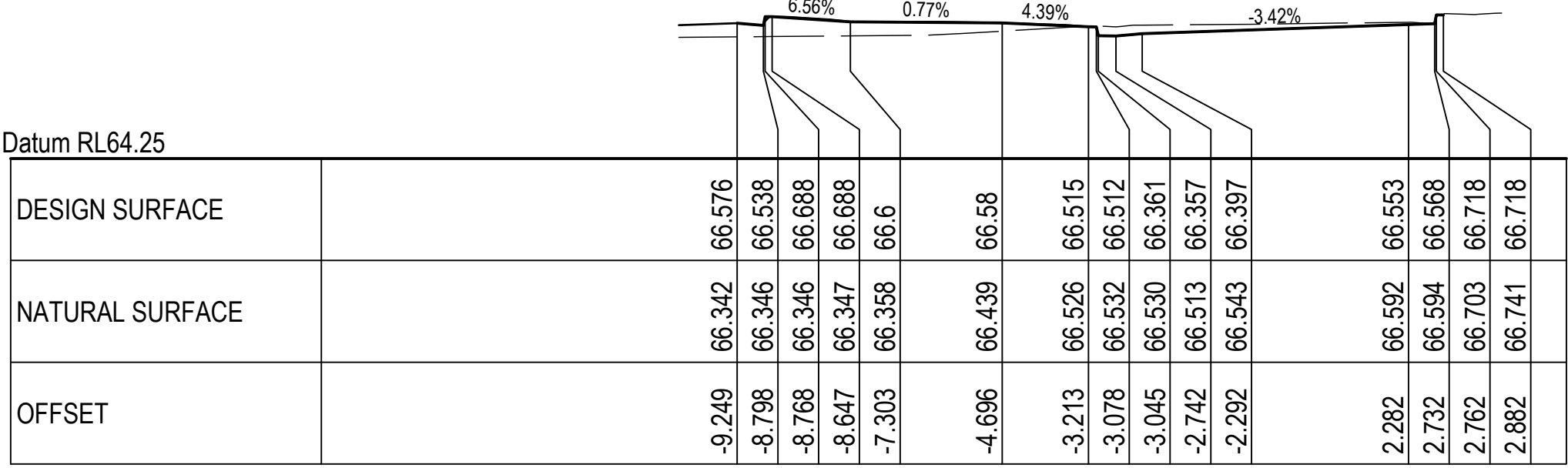
CH 61.289



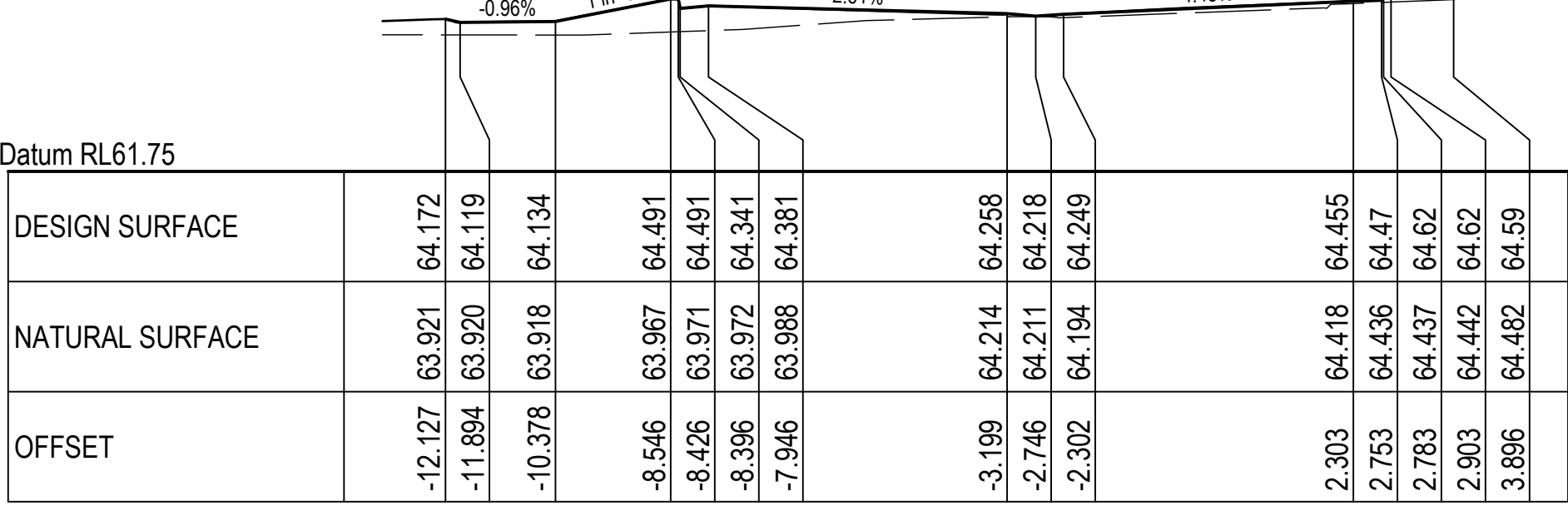
CH 10.058



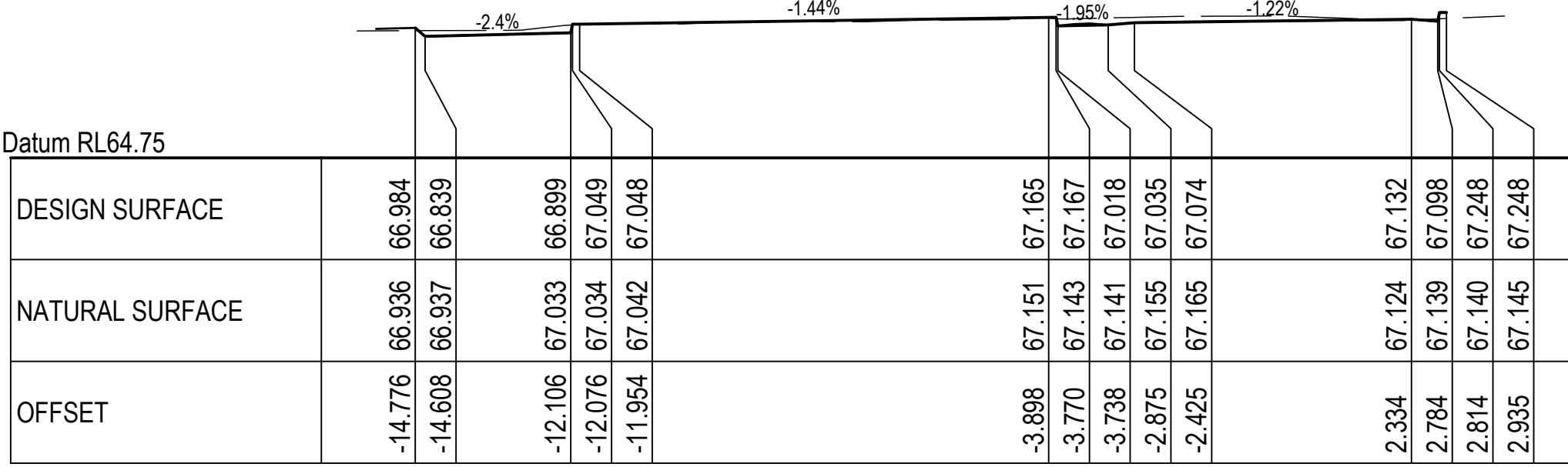
CH 60.000



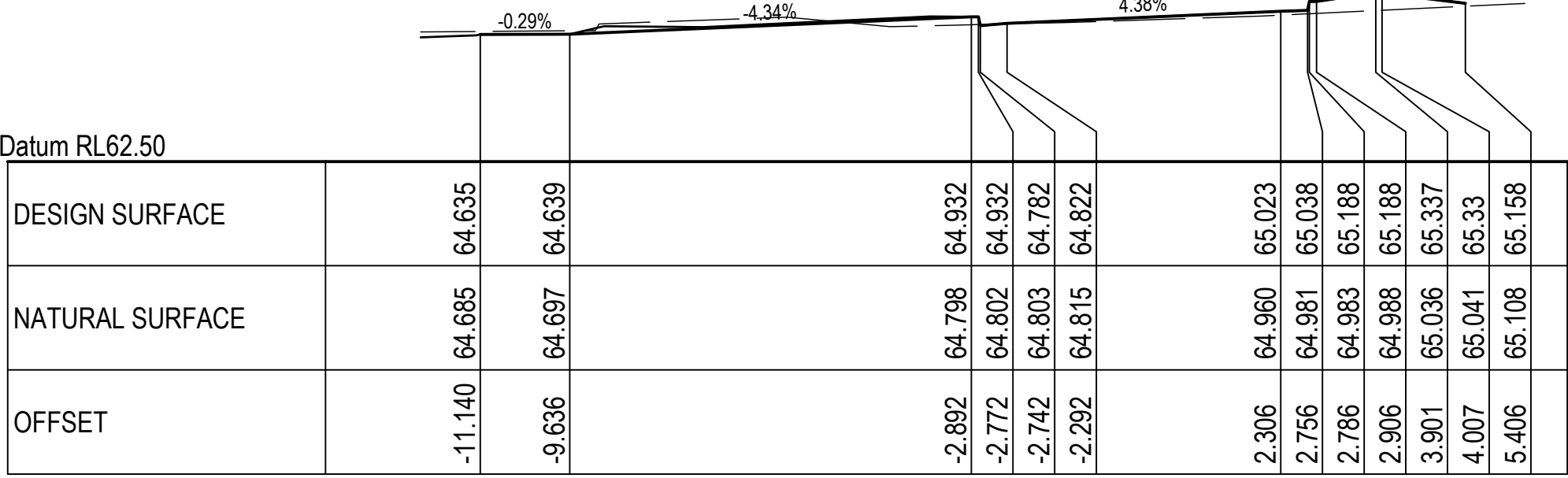
CH 10.000



CH 50.000



CH 0.000



CH 40.000

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL						
D	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JB	North	
C	UPDATED FOR CONCIL COMMENTS	06.10.17	DW	JH		
B	RE-ISSUE FOR TENDER	25.09.17	DW	JH		
A	ISSUE FOR TENDER	11.08.17	DW	JH		
Issue	Description	Date	Drawn	Approved		
						

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

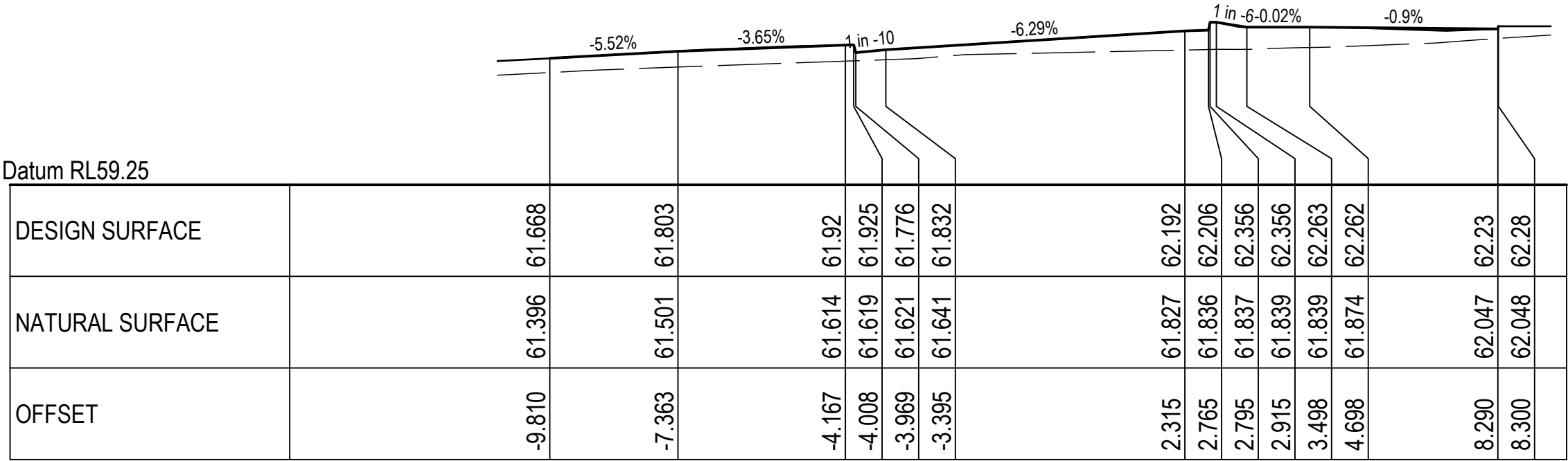
Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

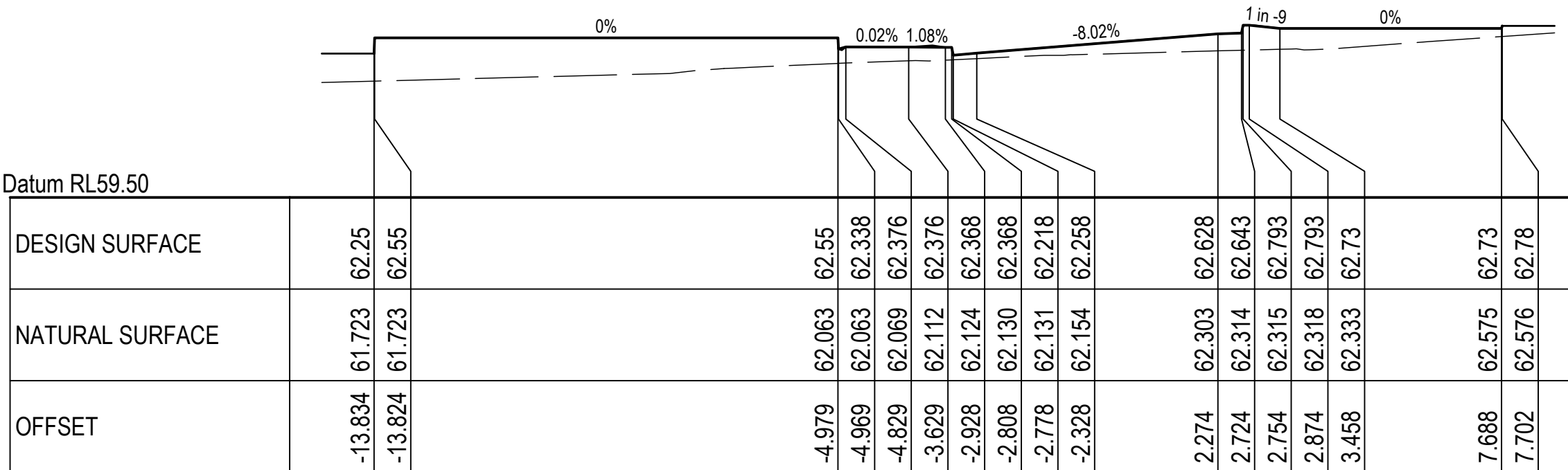
56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title ROAD 1 CROSS SECTIONS SHEET 1					
Drawn DW	Date JULY 2017	Scale AS SHOWN	A1	Q.A. Check JH	Date 07.07.17
Designed JRH	Project No. SY160504			Dwg. No. C205.02	Issue D

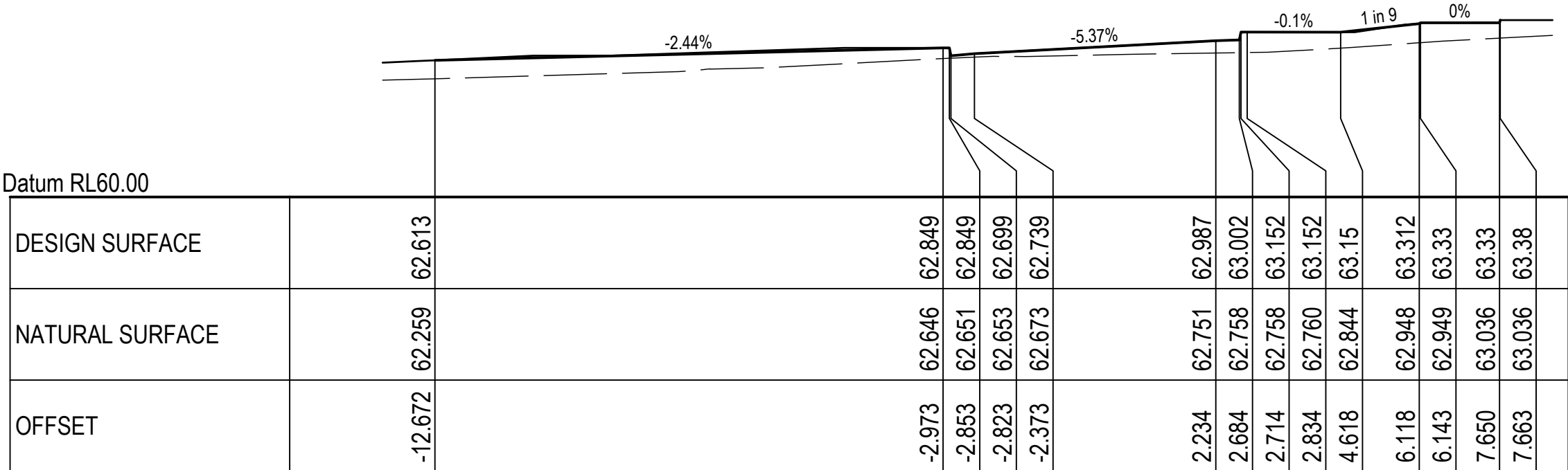
NOT FOR CONSTRUCTION



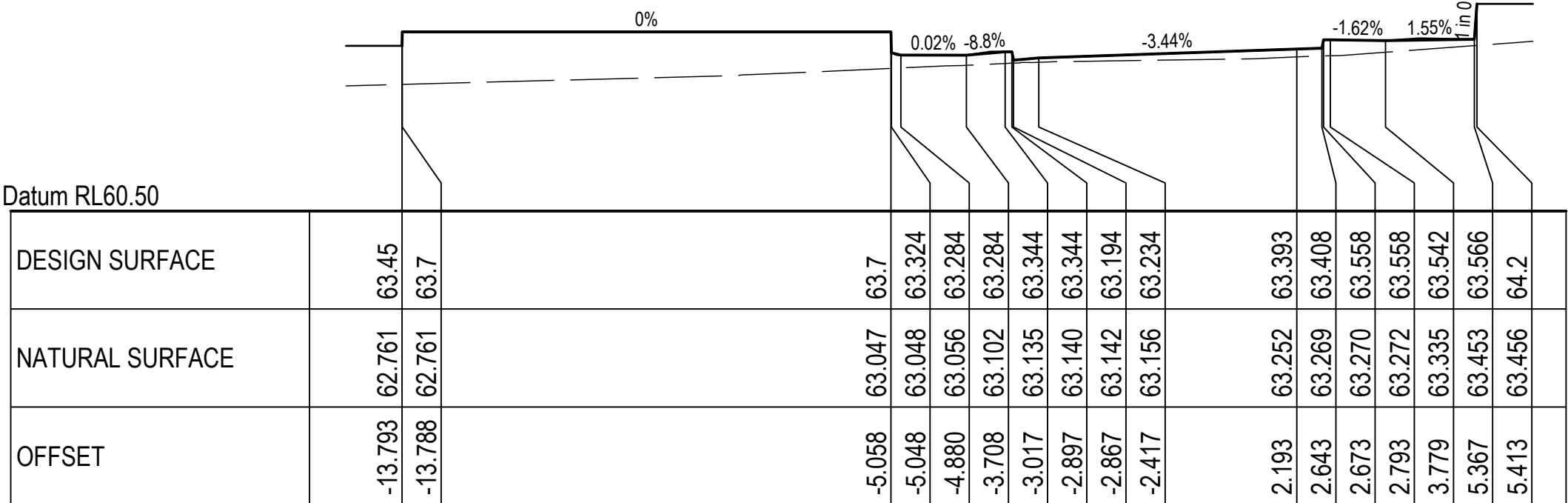
CH 100.00



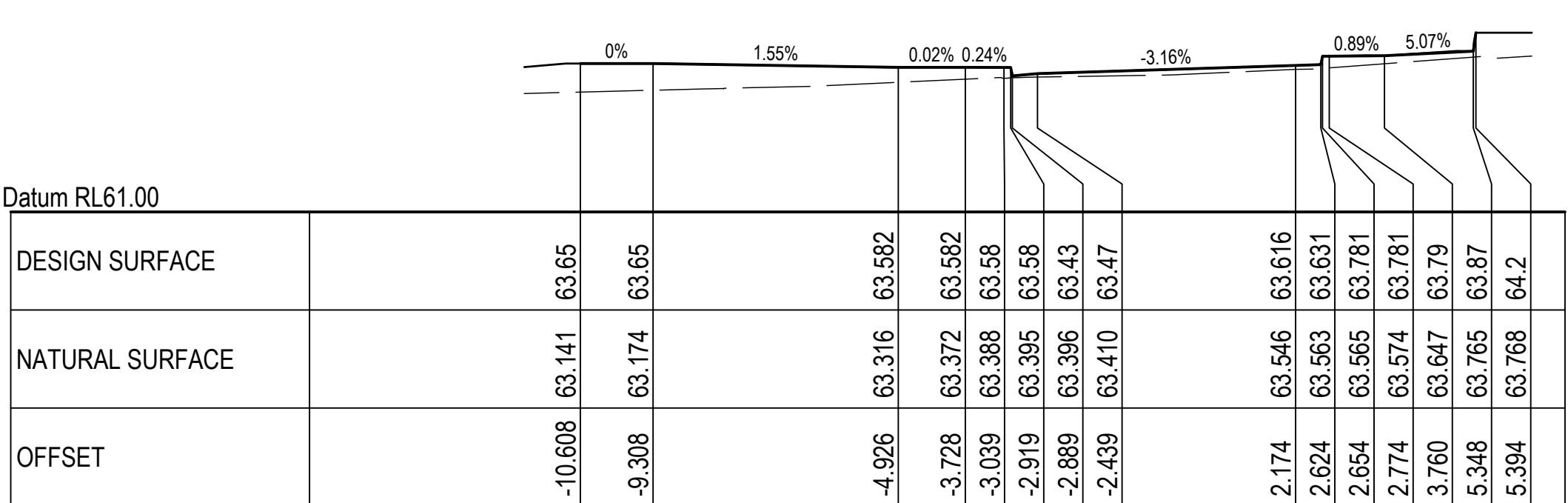
CH 90.00



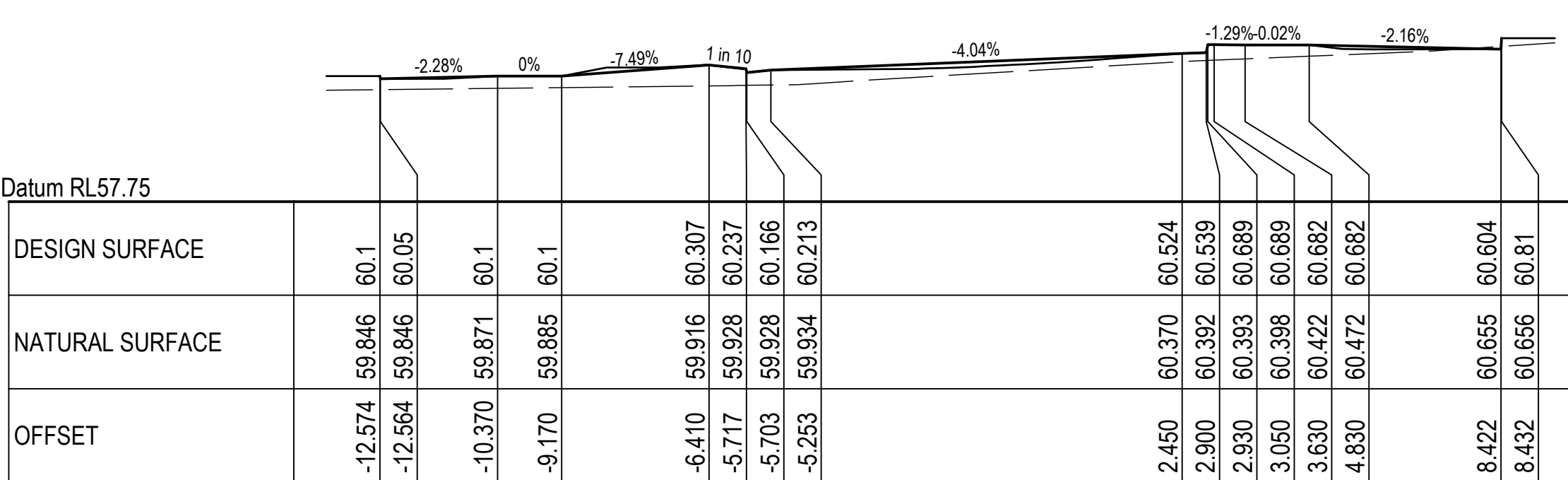
CH 80.00



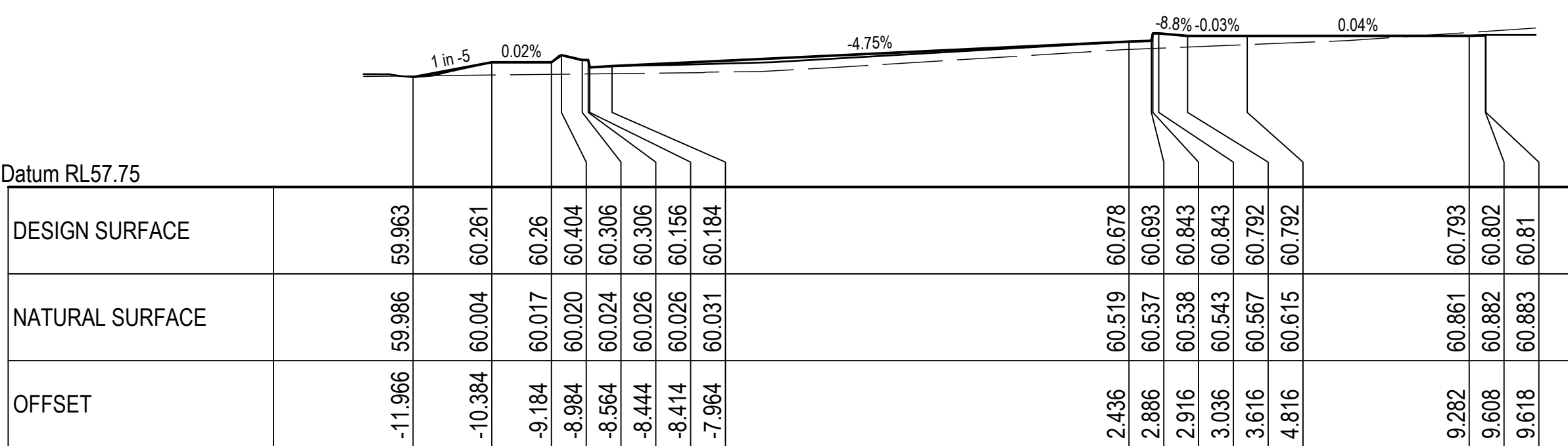
CH 70.00



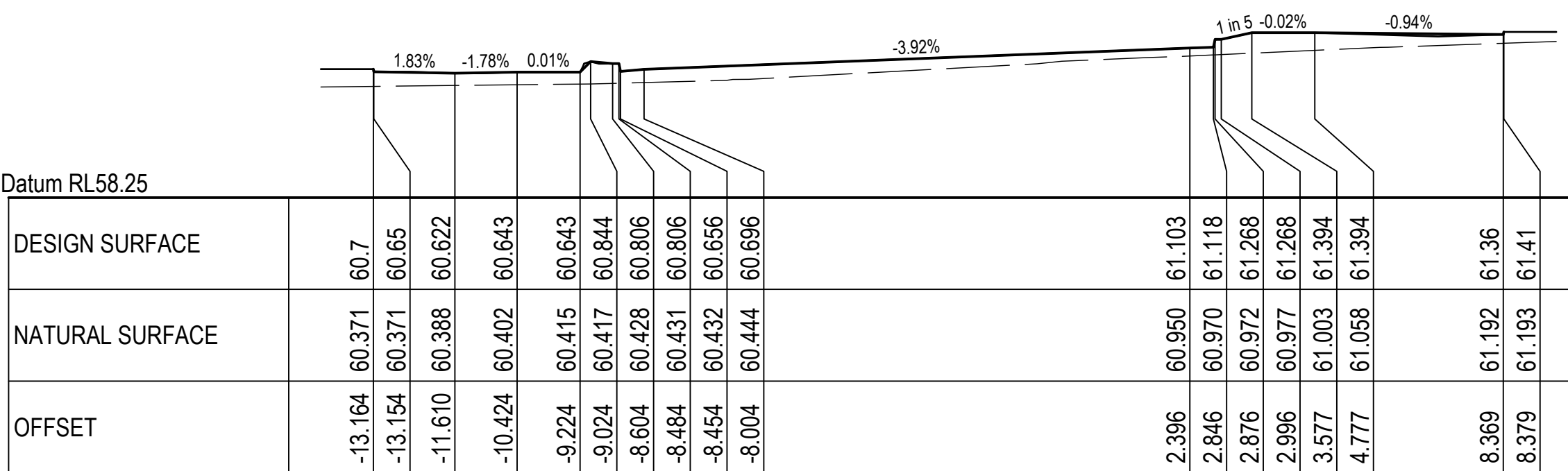
CH 65.118



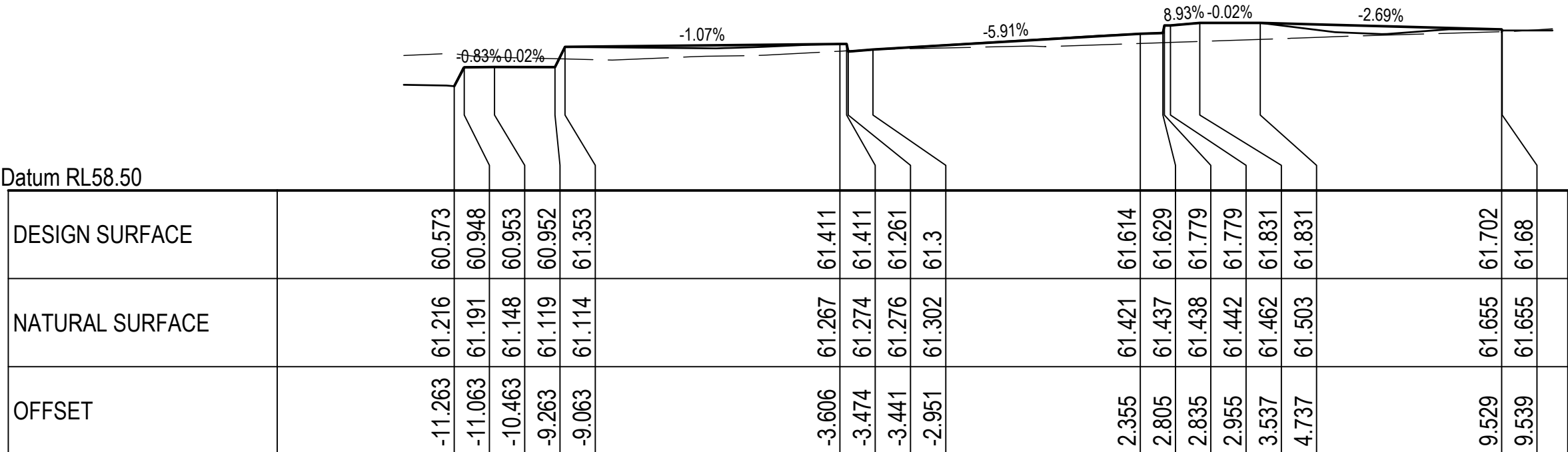
CH 133.437



CH 130.000



CH 120.000



CH 110.000

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

D	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JB	North
C	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH	
B	REISSUE FOR TENDER	25.09.17	DW	JH	
A	ISSUE FOR TENDER	11.08.17	DW	JH	
Issue	Description	Date	Drawn	Approved	
1					

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

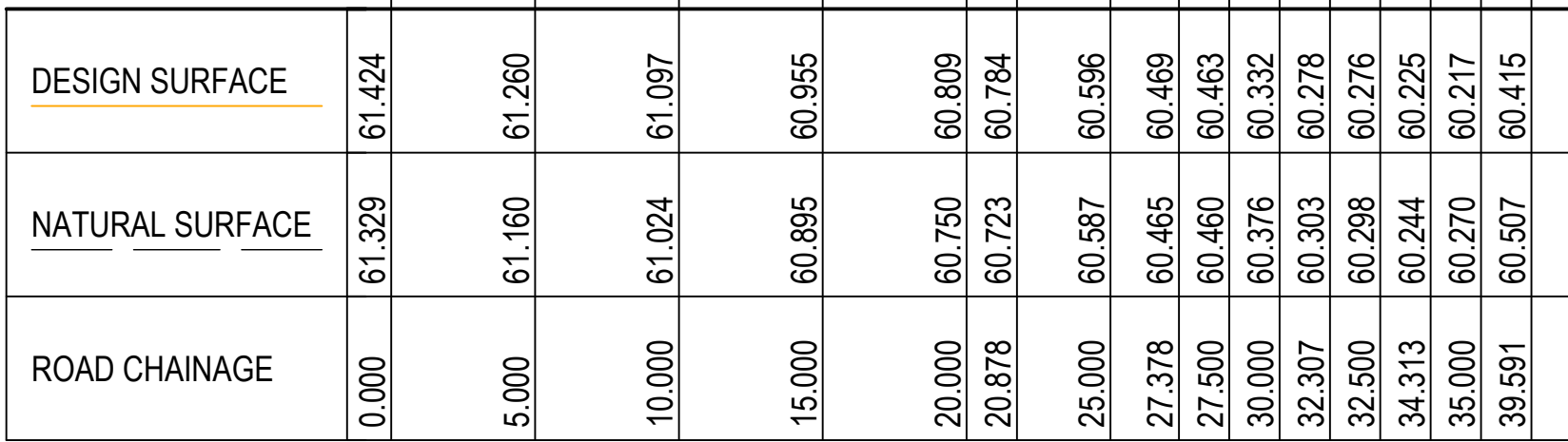
Project
DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

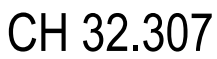
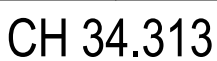
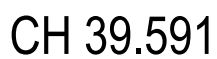
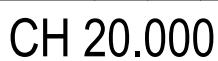
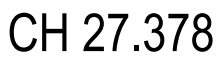
Drawing Title	ROAD 1 CROSS SECTIONS SHEET 2			
Drawn	Date	Scale	A1	Q.A. Check
DW	JULY 2017	AS SHOWN	JH	07.07.17
Designed	Project No.	Dwg. No.	Issue	
JRH	SY160504	C205.03	D	

NOT FOR CONSTRUCTION

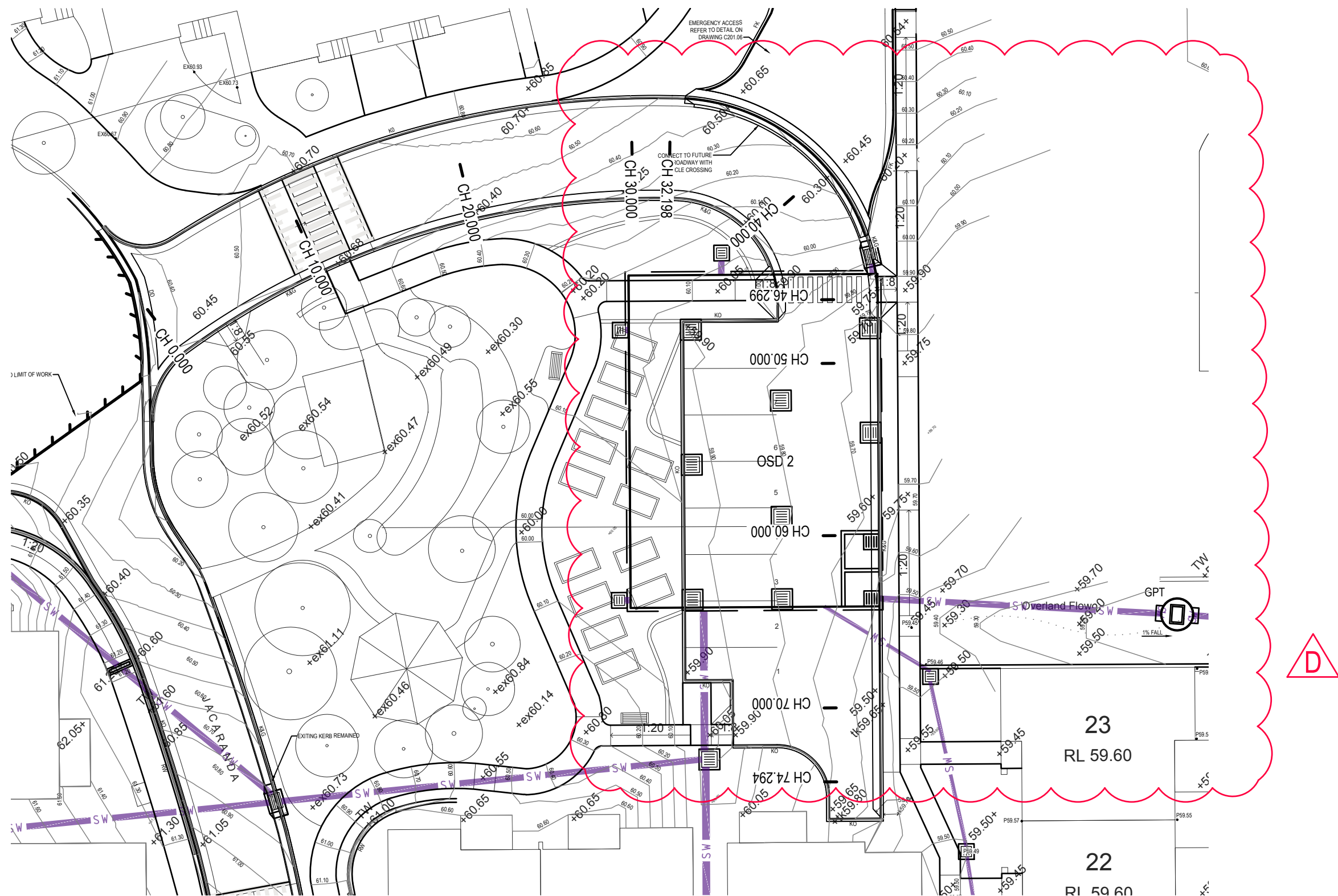
25/07/2018 09:00:00 C:\Users\jhill\Documents\Projects\160504\160504_0205_143268.dwg



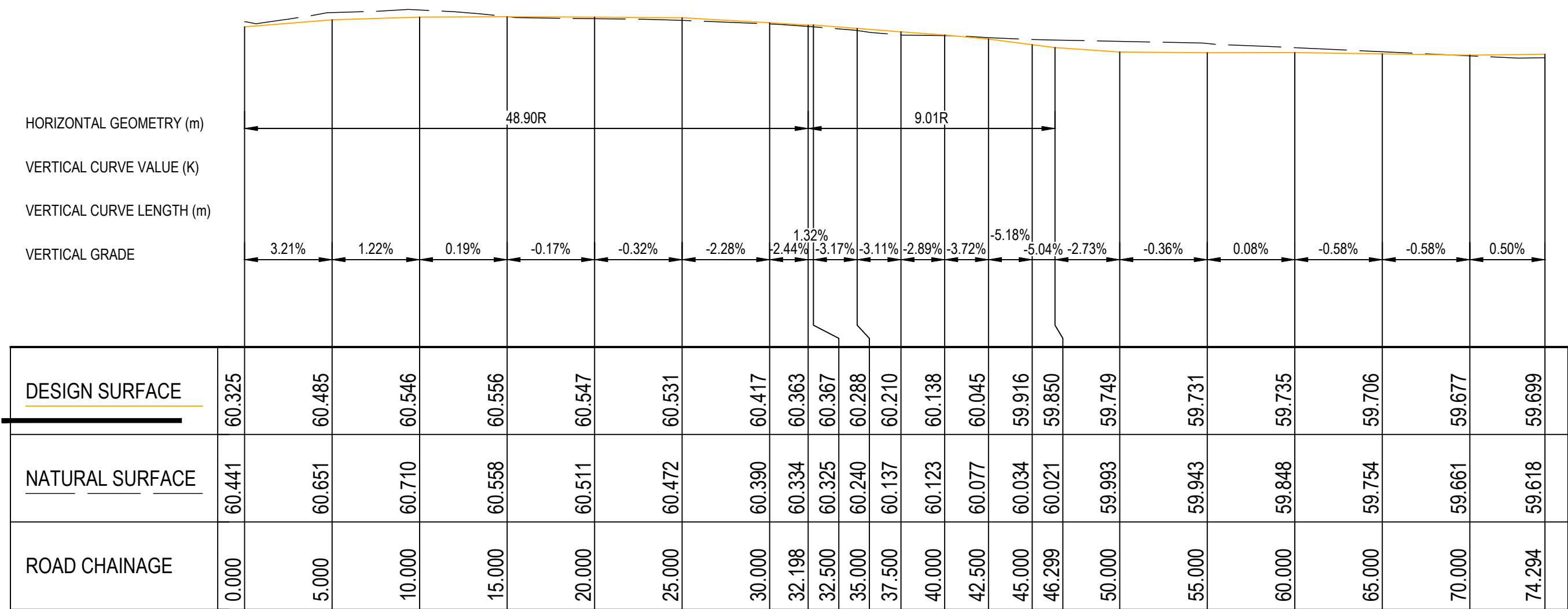
HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:100



NOT FOR CONSTRUCTION



ROAD 03 PLAN VIEW
SCALE 1:250

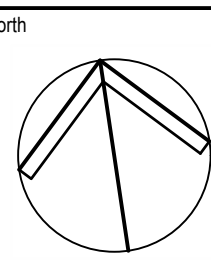


CL 03 LONGITUDINAL SECTION
HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:100

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

D	RE-ISSUE DEVELOPMENT APPLICATION	09.03.18	DW	JB
C	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
B	RE-ISSUE FOR TENDER	25.09.17	DW	JH
A	ISSUE FOR TENDER	11.08.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

ACOR
CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project

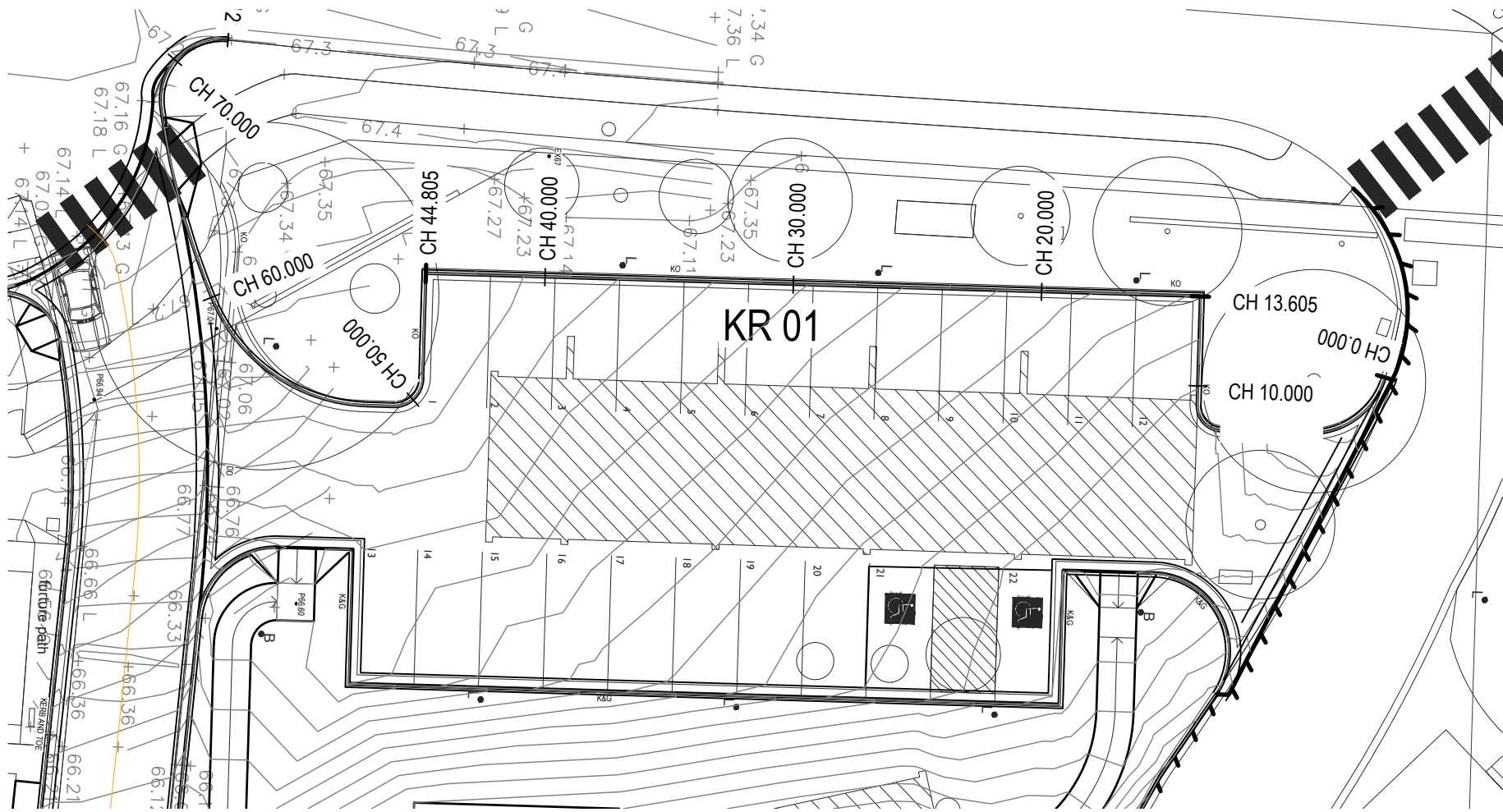
DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

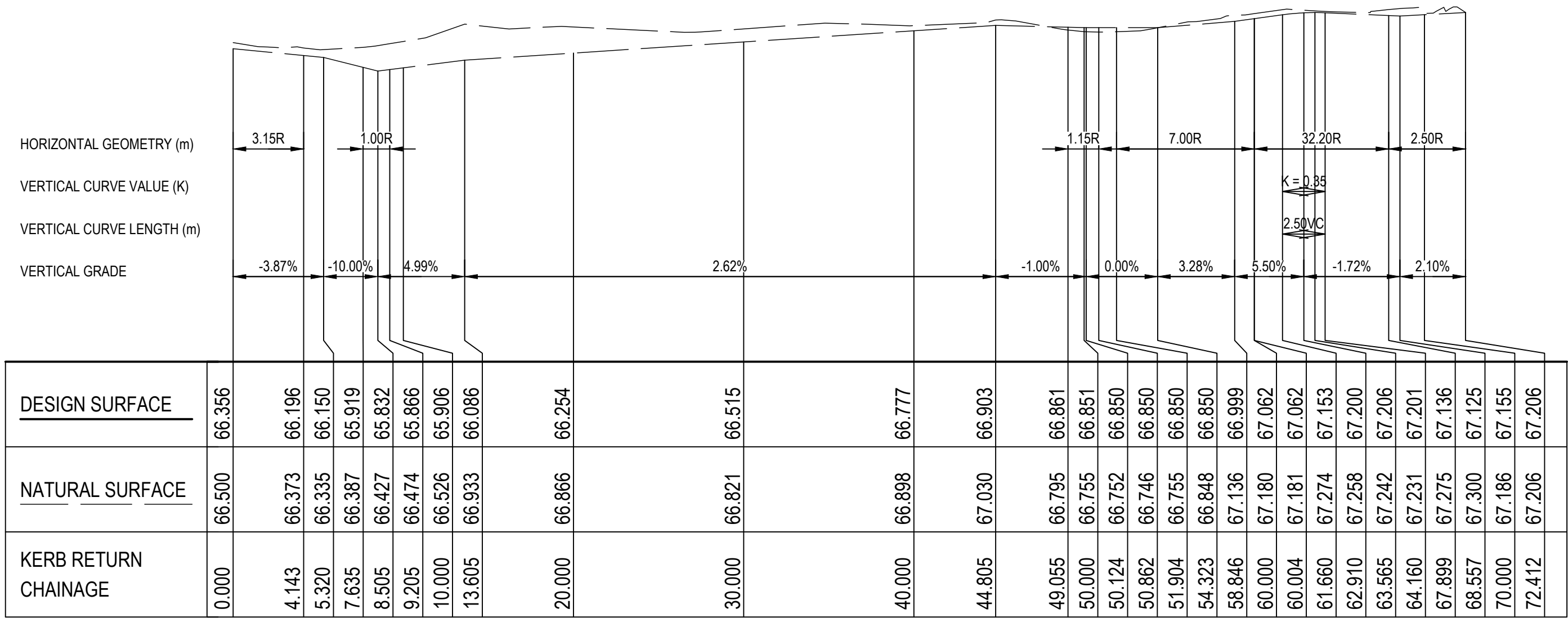
Drawing Title ROAD 3 PLAN AND LONGITUDINAL SECTION					
Drawn DW	Date JULY 2017	Scale AS SHOWN	A1	Q.A. Check JH	Date 07.07.17
Designed JRH	Project No. SY160504	Dwg. No. C205.05	Issue D		

NOT FOR CONSTRUCTION

25/07/2018 12:23 PM C:\Users\jhill\Documents\Projects\160504\Drawings\160504_0205_14230504.dwg



KR 01 PLAN VIEW
SCALE 1:250

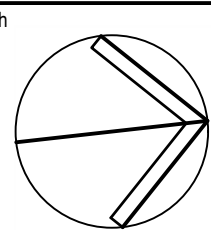


RSKR 01 LONGITUDINAL SECTION
HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:100

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

D	RE-ISSUE DEVELOPMENT APPLICATION	0.01.18	DW	JB
C	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
B	RE-ISSUE FOR TENDER	25.09.17	DW	JH
A	ISSUE FOR TENDER	11.08.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client



56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300



FAX : 9868 2624



ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098



Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

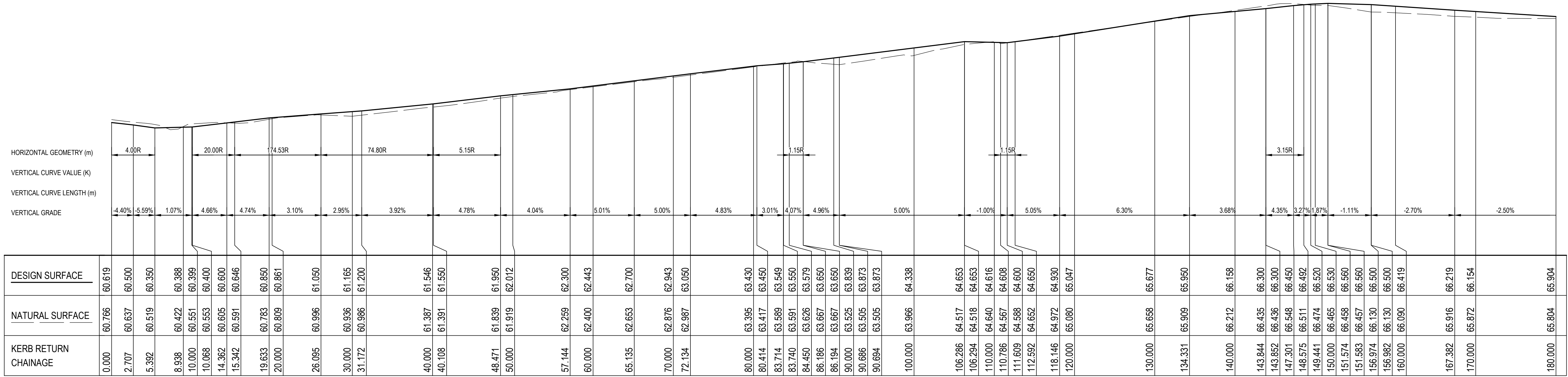
Drawing Title

KERB RETURN 01
PLAN VIEW AND LONGITUDINAL SECTION

Drawn	Date	Scale	A1	Q.A. Check	Date
DW	MAY'17	1:200		JH	07.07.17
Designed	Project No.	Dwg. No.	Issue		
MM	SY160504	C206.01	D		

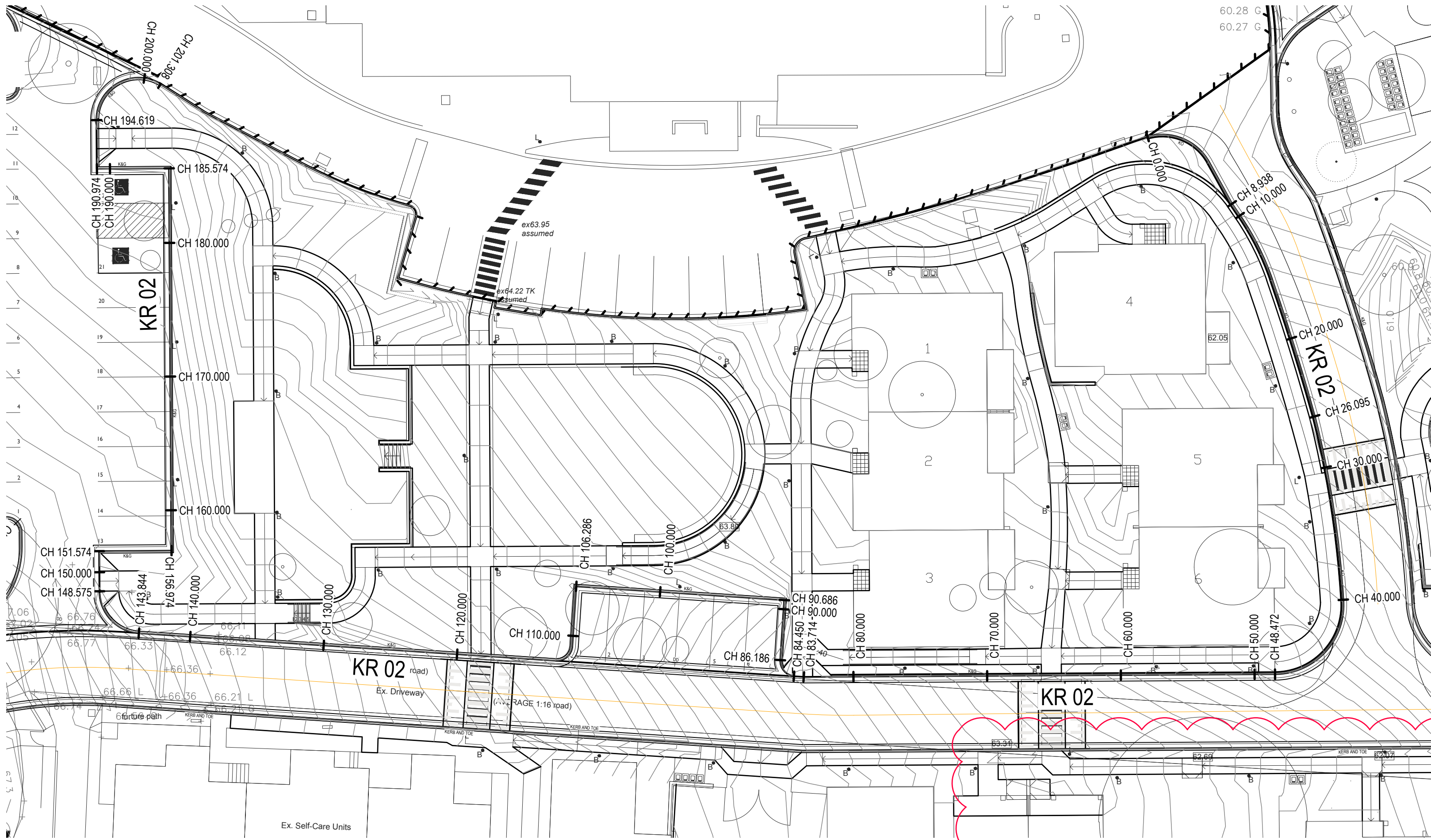
NOT FOR CONSTRUCTION

25/07/2018 09:40:00 C:\Users\jhill\Documents\SY160504_C206.01.dwg



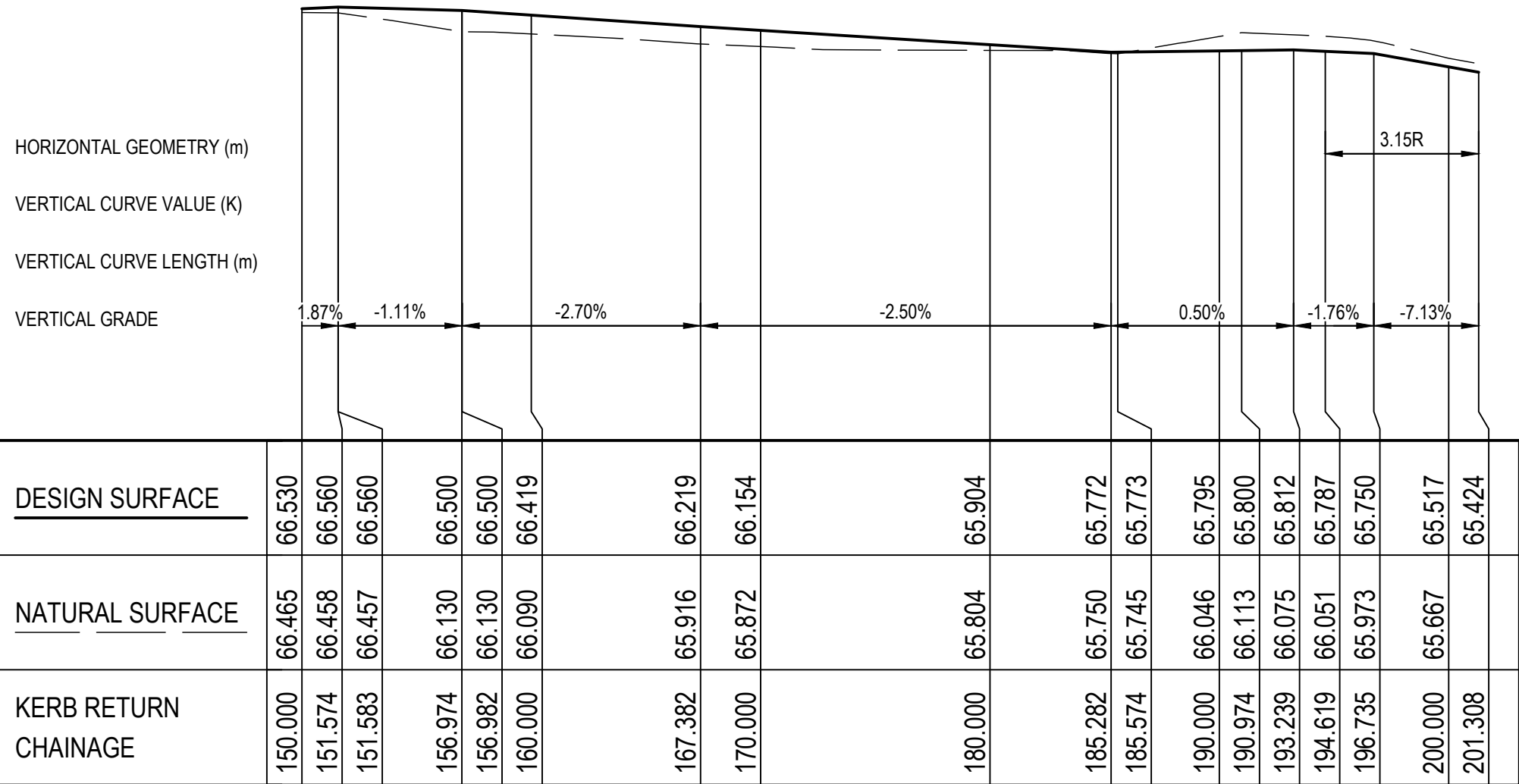
RSKR 02 LONGITUDINAL SECTION

HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:100



KR 02 PLAN VIEW

SCALE 1:250



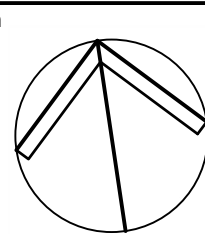
KR 02 LONGITUDINAL SECTION (CONT'D)

HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:100

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

D	RE-ISSUE DEVELOPMENT APPLICATION	09.03.18	DW	JH
C	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
B	RE-ISSUE FOR TENDER	25.09.17	DW	JH
A	ISSUE FOR TENDER	11.08.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client



56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

FAX : 9868 2624



ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098



Project

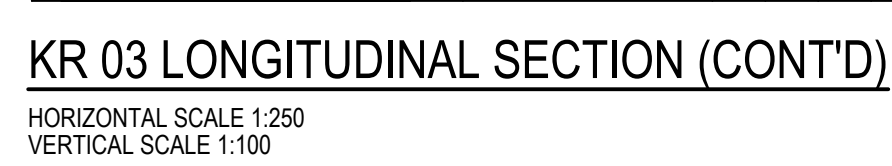
DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title

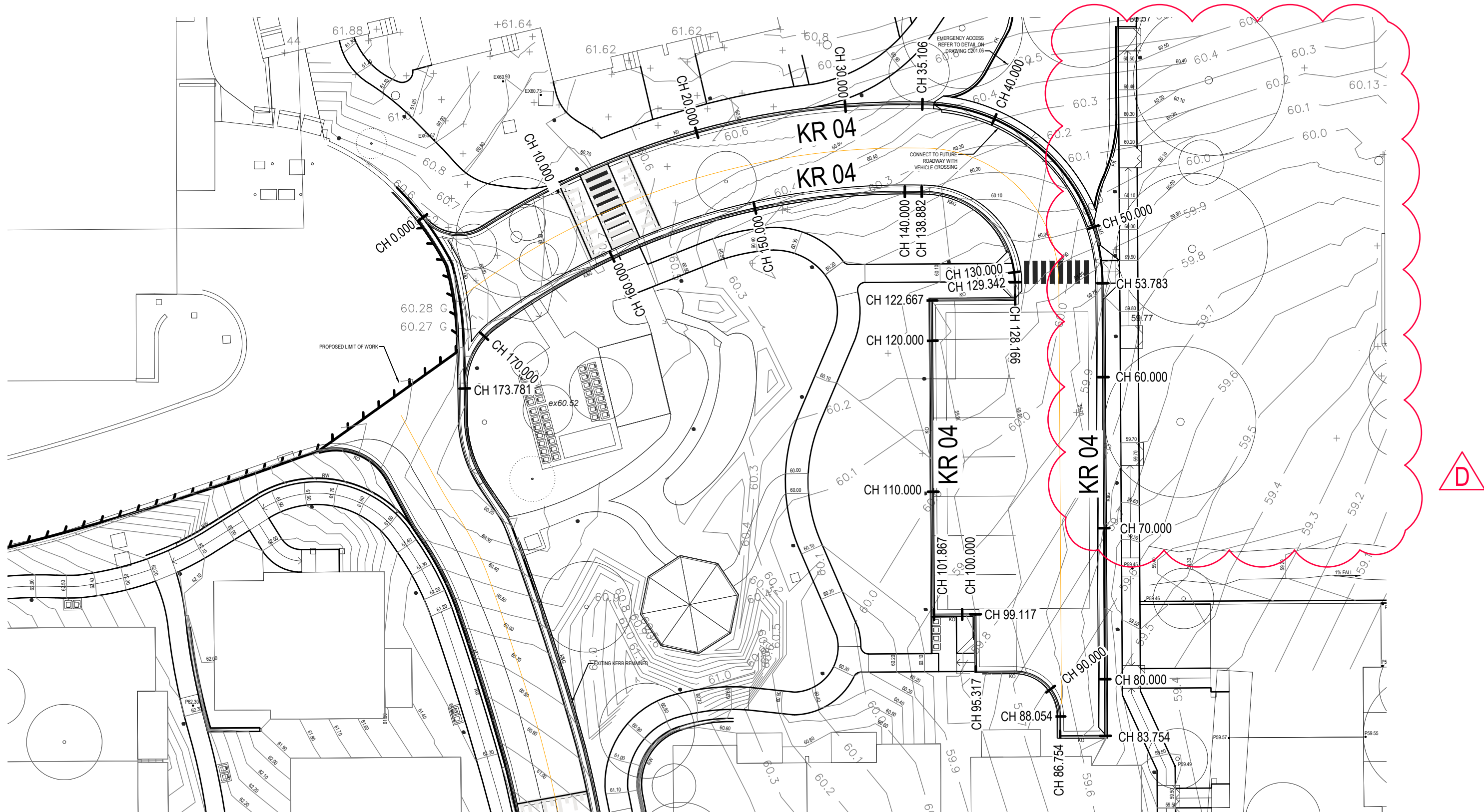
KERB RETURN 02
PLAN VIEW AND LONGITUDINAL SECTION

Drawn DW	Date MAY'17	Scale 1:200	A1	Q.A. Check JH	Date 07.07.17
Designed MM	Project No. SY160504	Dwg. No. C206.02	Issue D		

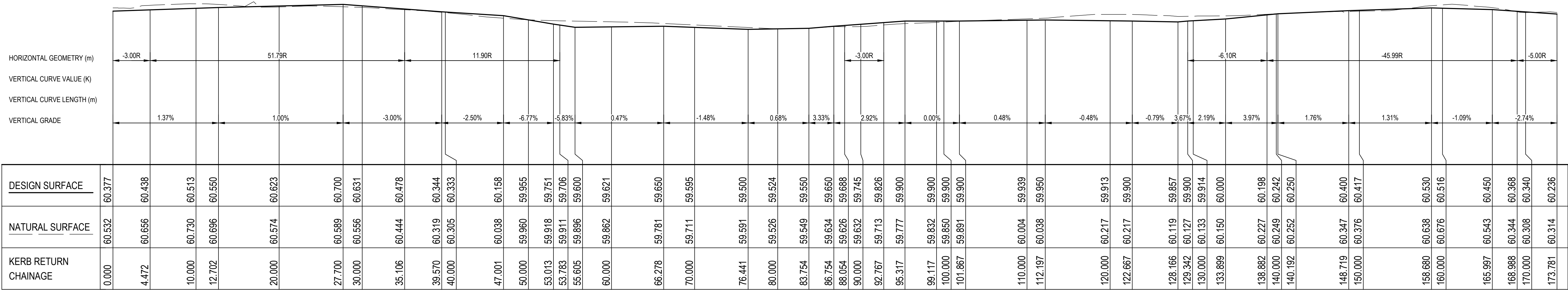


NOT FOR CONSTRUCTION

Mar 09, 2018 - 12:32pm P:\SY16\SY160504\Drawings\CIV\Drawings\SY160504_C206.01-C206.04.dwg



KR 04 PLAN VIEW
SCALE 1:250

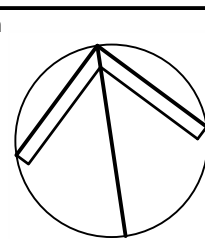


KR 04 LONGITUDINAL SECTION
HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:100

© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

D	RE-ISSUE DEVELOPMENT APPLICATION	09.03.18	DW	JB
C	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
B	RE-ISSUE FOR TENDER	25.09.17	DW	JH
A	ISSUE FOR TENDER	11.08.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client



56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300



FAX : 9868 2624



ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098



Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title

KERB RETURN 04
PLAN VIEW AND LONGITUDINAL SECTION

Drawn DW	Date MAY'17	Scale 1:200	A1	Q.A. Check JH	Date 07.07.17
Designed MM	Project No. SY160504	Issue C206.04			

NOT FOR CONSTRUCTION

25/07/2018 09:00:00 C:\16\sy160504\160504_0206_142308.dwg 12:22pm

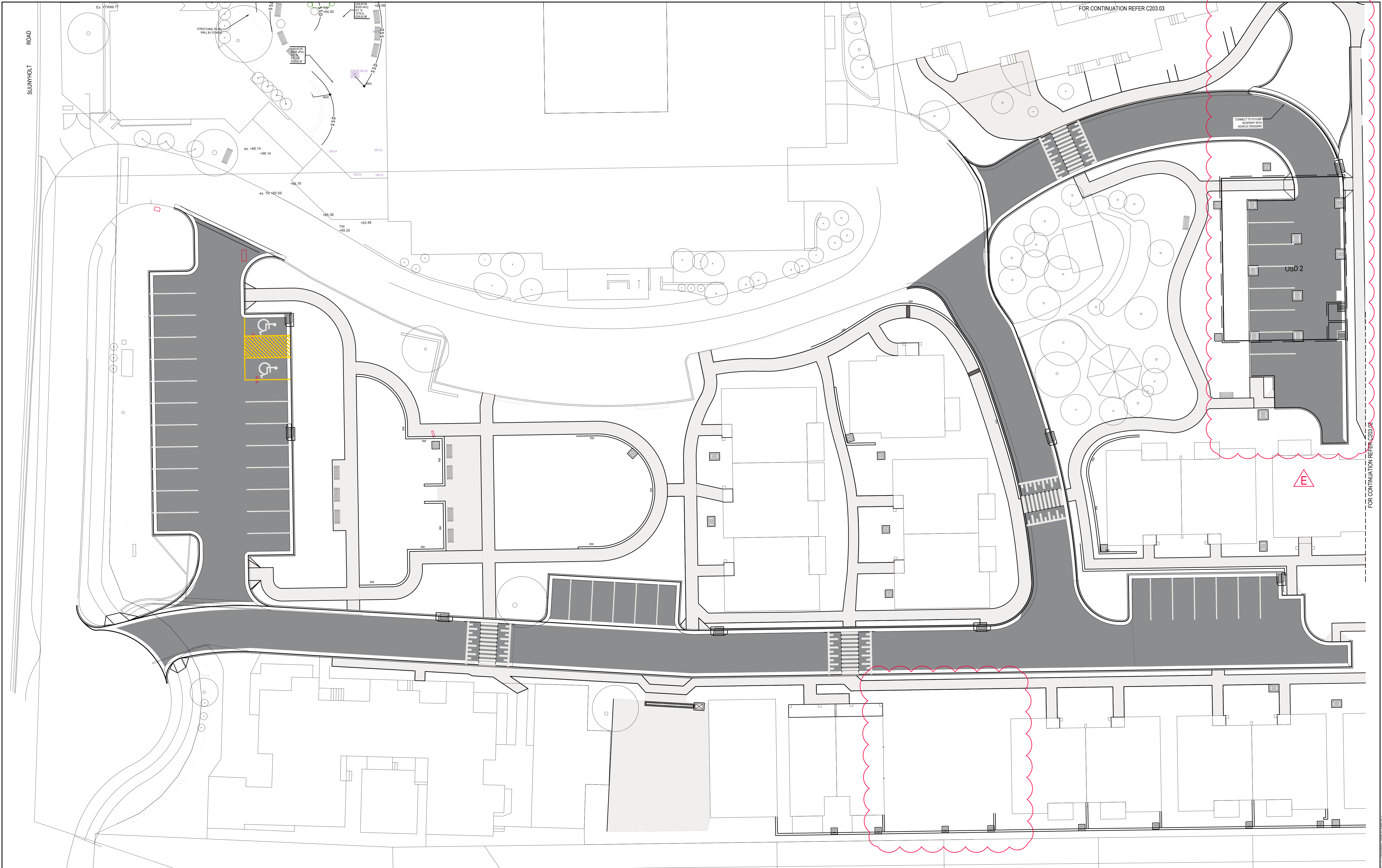


PROPERTIES AND COMPOSITION OF THE IN-SITU MATERIAL, RETAINED MATERIAL AND INFILL MATERIAL IS TO BE INSPECTED / CONFIRMED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION OF ANY RETAINING WALLS.



RETAINING WALL SCHEDULE

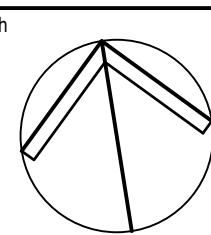
NOT FOR CONSTRUCTION



© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

E	RE-ISSUE DEVELOPMENT APPLICATION	09.03.18	DW	JB
D	OSD CONC LID HATCHING AMENDED & EMERGENCY ACCESS ADDED	30.01.18	DW	JB
C	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
B	RE-ISSUE FOR TENDER	25.09.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client



56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300



FAX : 9868 2624



ACOR Consultants Pty Ltd
Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098



ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

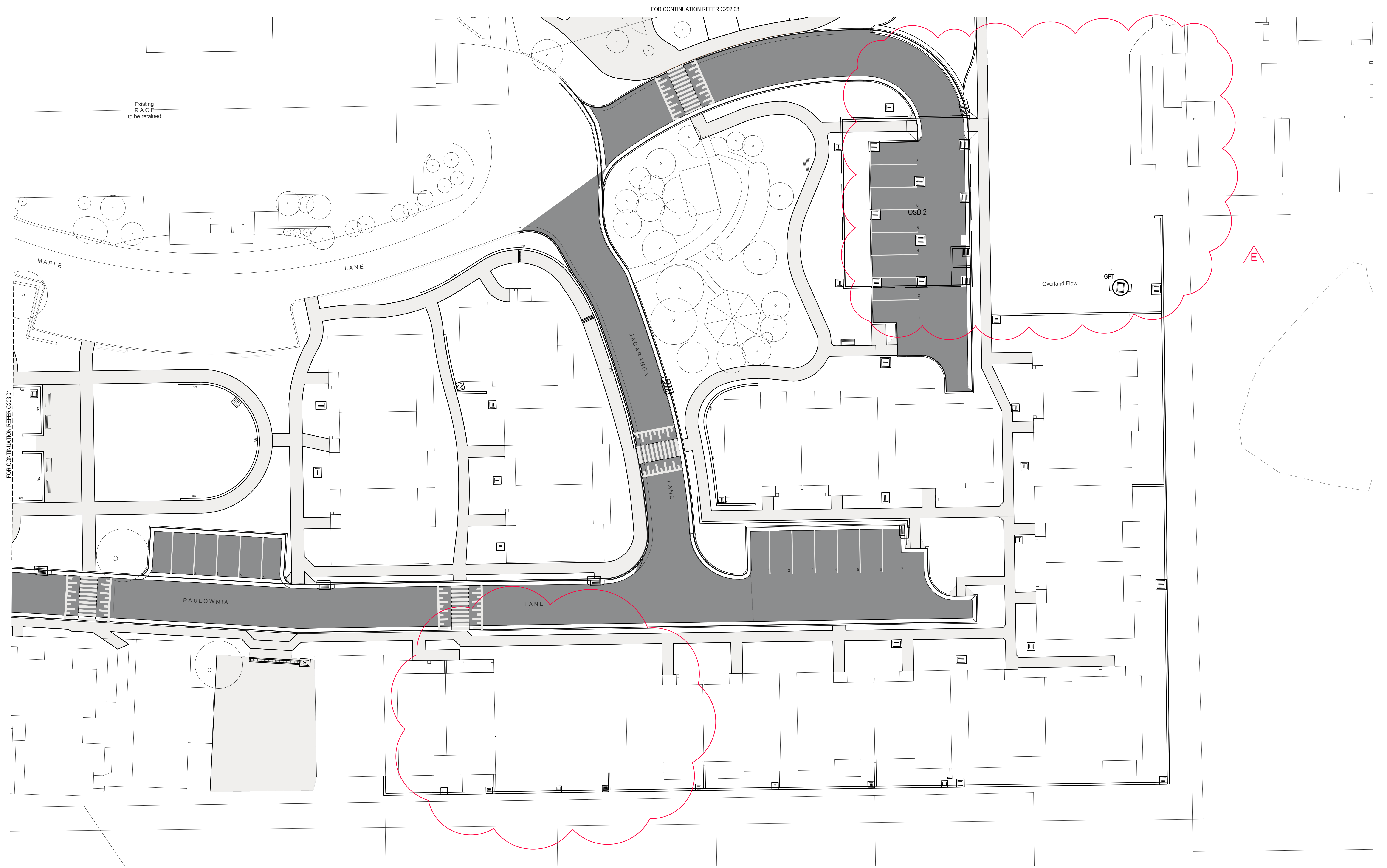
56 ELSOM STREET
KINGS LANGLEY, NSW

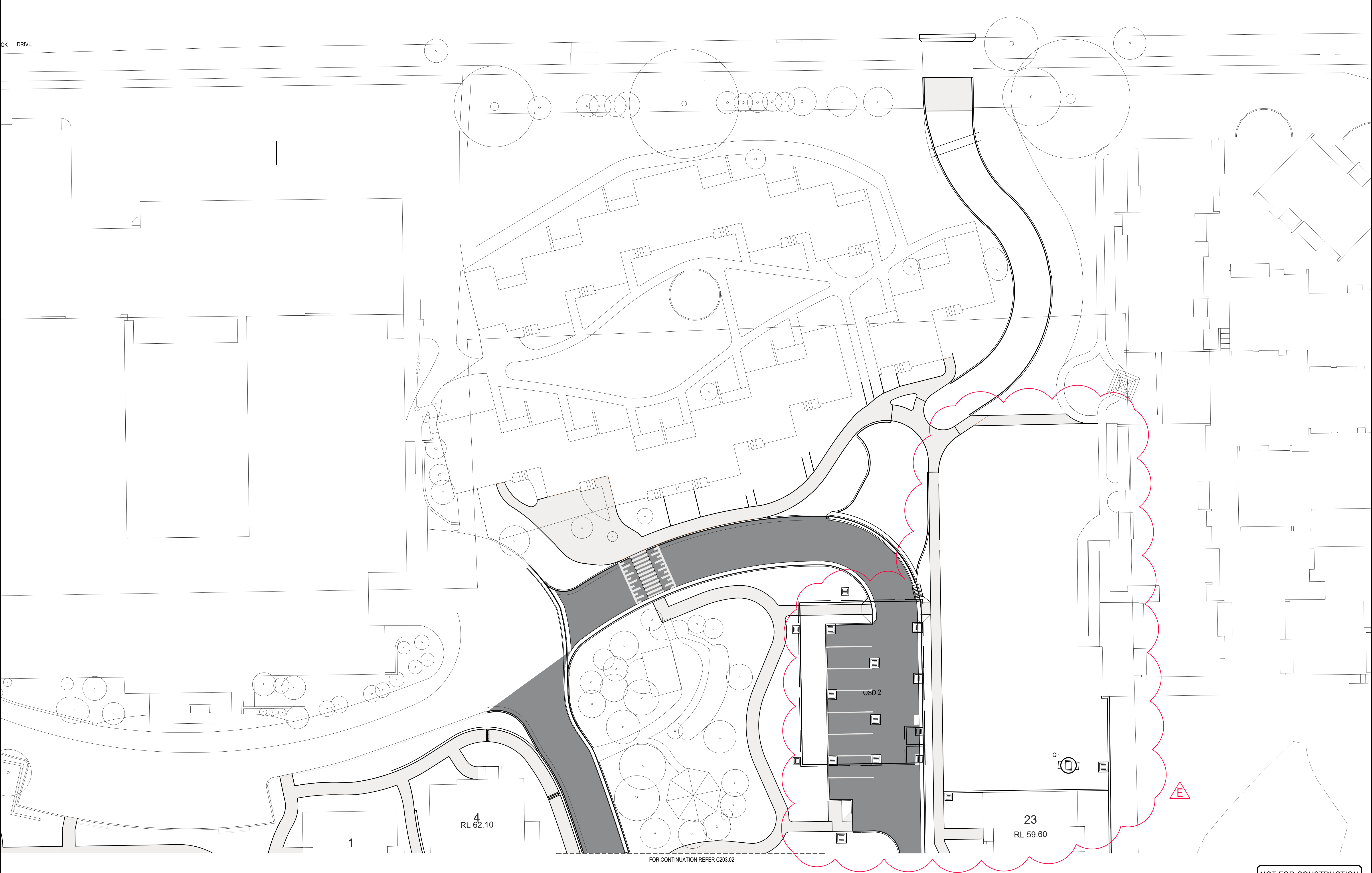
Drawing Title
LINEMARKING PLAN
SHEET 1

Drawn DW	Date MAY'17	Scale 1:200	A1	Q.A. Check JH	Date 07.07.17
Designed MM	Project No. SY160504	Dwg. No. C208.01	Issue E		

NOT FOR CONSTRUCTION

PS:\7165\160504\Drawings\C208.01\Linemarking\Sheet 1.dwg 07.07.17 12:22pm

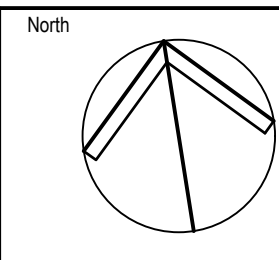




© COPYRIGHT of this design and plan is the property of ACOR Consultants Pty Ltd. ACN 079 306 246 ABN 40 079 306 246, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: JUSTIN HILL

E	RE-ISSUE DEVELOPMENT APPLICATION	09.03.18	DW	JB
D	OSD CONC LID HATCHING AMENDED & EMERGENCY ACCESS ADDED	30.01.18	DW	JB
C	UPDATED FOR COUNCIL COMMENTS	06.10.17	DW	JH
B	RE-ISSUE FOR TENDER	25.09.17	DW	JH
Issue	Description	Date	Drawn	Approved



Client

ADVENTIST
AGED CARE

56 ELSOM STREET
KING LANGLEY, NSW
PHONE : 8834 6100

Architect

stanton dahl
ARCHITECTS

18-20 OXFORD STREET
EPPING NSW 2121
PHONE : 8876 5300

ACOR Consultants Pty Ltd

Suite 2, Level 1, 33 Herbert Street
St Leonards NSW 2065
T +61 2 9438 5098

ACOR
CONSULTANTS

ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project

DEMENTIA RESIDENTIAL CARE FACILITY
KINGS LANGLEY, ADVENTIST AGED CARE

56 ELSOM STREET
KINGS LANGLEY, NSW

Drawing Title LINEMARKING SHEET 3		Date MAY'17		Scale 1:200		A1		Q.A. Check JH		Date 07.07.17	
Drawn DW		Designed MM		Project No. SY160504		Dwg. No. C208.03		Issue E			

NOT FOR CONSTRUCTION

P:\07165\160504\Drawings\216\Drawings\216\208_03\216_208_03.dwg
14/09/2018 11:22:29am