

STORMWATER DRAINAGE

- ALL STORMWATER DRAINAGE WORKS TO BE COMPLETED IN ACCORDANCE WITH ACT GOVERNMENT STANDARD DRAWINGS AND SPECIFICATION FOR URBAN INFRASTRUCTURE SECTION 3.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE INDICATIVE ONLY AND SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO ANY CIVIL WORKS COMMENCING.
- COVER LEVELS OF STORMWATER STRUCTURES ARE PROVISIONAL ONLY AND SHALL BE ADJUSTED TO SUIT THE FINISHED SURFACE LEVELS IN ACCORDANCE WITH DRAWINGS AND CONSTRUCTED KERB PROFILES.
- WHERE PROPOSED STORMWATER PIPES CROSS EXISTING UTILITIES TO BE RETAINED, THE CONTRACTOR SHALL LOCATE, POTHOLE SURVEY (LINE AND LEVEL) AND ADVISE THE SUPERINTENDENT OF ANY POTENTIAL CLASHES AT LEAST 7 DAYS PRIOR TO UNDERTAKING THE WORKS.
- ALL CURVED ALIGNMENTS TO BE ACHIEVED THROUGH PIPE DEFLECTIONS AT PIPE JOINTS IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
- BACKFILL TRENCHES IN ACCORDANCE WITH CONTRACT SPECIFICATIONS.
- MINIMUM GRADES ON STORMWATER PIPES SHALL BE 1.0% UNLESS NOTED OTHERWISE.
- ALL PIPE LENGTHS, PIPE INVERTS AND GRADES ARE MEASURED FROM THE CENTRE OF STORMWATER STRUCTURES OR FACE OF HEADWALLS. AS DETAILED OR UNLESS NOTED OTHERWISE.
- ALL PIPES EXCEEDING 7.0% SCOUR STOPS SHALL BE CONSTRUCTED AT 5.0m MAXIMUM SPACING.
- PIPES ARE DESIGNED FOR OPERATIONAL LOADS ONLY. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT PIPES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL UNDERTAKE ANY TEMPORARY DIVERSION WORKS TO ENSURE THE EXISTING STORMWATER DRAINAGE SYSTEM IS ABLE TO CHANNEL STORMWATER FLOWS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY DIVERSION MEASURES TO PROTECT WORKS IN PROGRESS UNTIL SUCH TIME AS THE WORKS ARE DEEMED FINISHED BY THE SUPERINTENDENT. ANY DAMAGE TO WORKS CAUSED BY STORMWATER FLOWS OR FLOODING IS AT RISK TO THE CONTRACTOR AND SHALL BE RECTIFIED PRIOR TO HANDOVER.
- THE CONTRACTOR IS TO PROVIDE ALL QUALITY RECORDS AS REQUIRED UNDER THE SPECIFICATION FOR STORMWATER PRIOR TO PLACING THE FINAL ROAD PAVEMENT.
- 'WORKS AS EXECUTED' DOCUMENTATION IS THE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE AGREED. WORKS AS EXECUTED RECORDS ARE TO BE PROVIDED IN ACCORDANCE WITH ACT GOVERNMENT REF DOC 8.

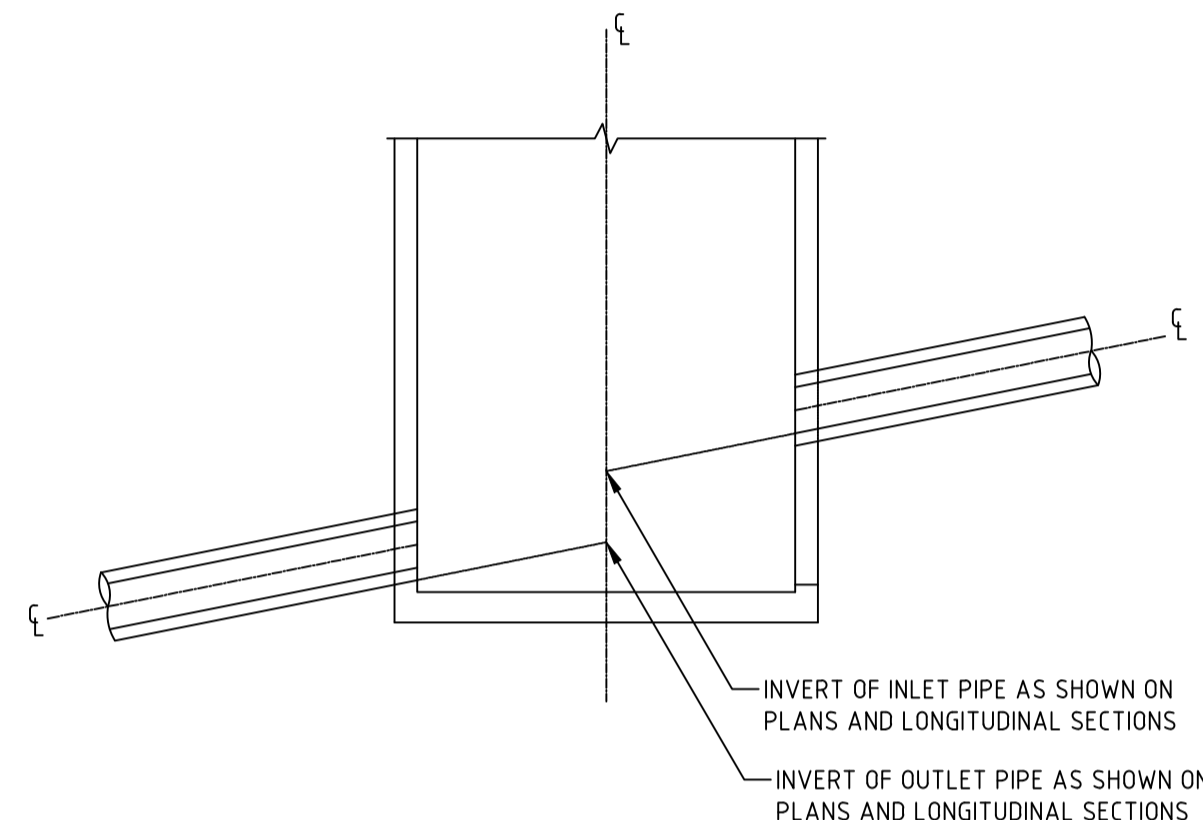
STORMWATER DRAINAGE EXPLANATIONS

PIPE INFORMATION BOX

612.400	UPSTREAM INVERT LEVEL
300mm	PIPE INTERNAL DIAMETER
RCP	PIPE MATERIAL RCP, FCP, HDPE OR uPVC
4.0.2m	PIPE LENGTH
1.2%	PIPE GRADE
611.930	DOWNSTREAM INVERT LEVEL

STORMWATER STRUCTURE ID

02	STORMWATER STRUCTURE '02'
07	STORMWATER LINE '07'
OR	
SWN1-6	STORMWATER LINE SWN1, STORMWATER STRUCTURE '6'



INVERT LEVELS AT SUMPS AND MANHOLES
SCALE 1:50

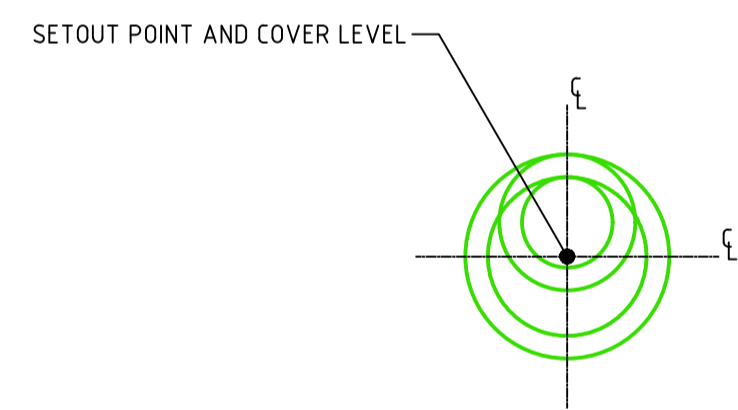
SUBSOIL DRAINAGE

- ALL SUBSOIL DRAINAGE WORKS TO BE COMPLETED IN ACCORDANCE WITH ACT STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE (ACT SPEC) SECTION 3.
- SUBSOIL DRAINAGE PIPES SHALL BE Ø100 CLASS 1000 PIPE.
- ALL LATERAL CROSSINGS ARE TO BE CONSTRUCTED IN Ø100 uPVC (WHITE) CONDUIT.
- ALL SUBSOIL DRAINAGE TO GRADE AT MINIMUM 10%.
- WHERE EXISTING SUBSOIL DRAINAGE EXIST WITHIN AREAS OF NEW PAVEMENT, PIPES SHALL BE EXPOSED AND CONNECTED TO NEW SUBSOIL DRAINS AND BACKFILL IN ACCORDANCE WITH THE ACT SPEC.
- ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH ACT SPEC REQUIREMENTS.
- ALL SUBSOILS TO BE SURVEYED FOR LINE AND LEVEL.
- ALL SUBSOILS TO BE "RODDED" PRIOR TO PLACEMENT OF ASPHALT.
- ALL WORKS ON SUBSOIL DRAINAGE IS TO BE COMPLETED IN DISCRETE RECORDED LOTS.

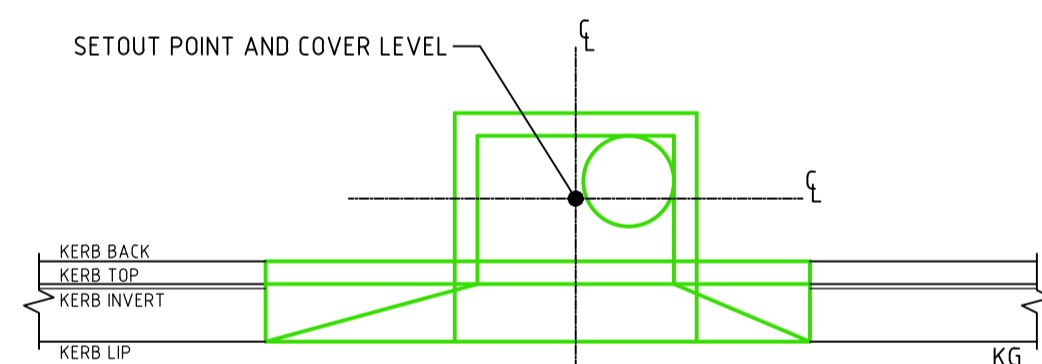
SUBSOIL DRAINAGE ABBREVIATIONS

HER	HIGH END RISER
IR	INTERMEDIATE RISER
HW	HEADWALL

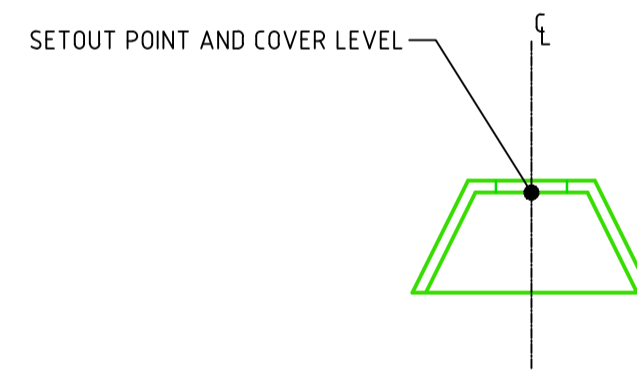
STORMWATER DRAINAGE STRUCTURE SETOUT DETAILS



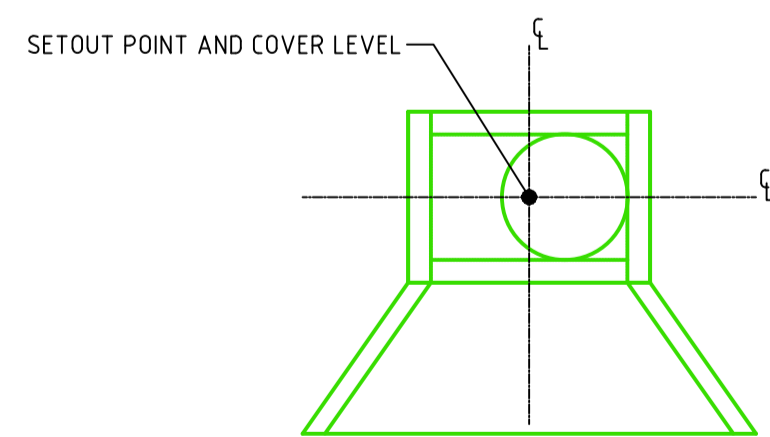
MANHOLE SETOUT DETAIL
SCALE 1:50



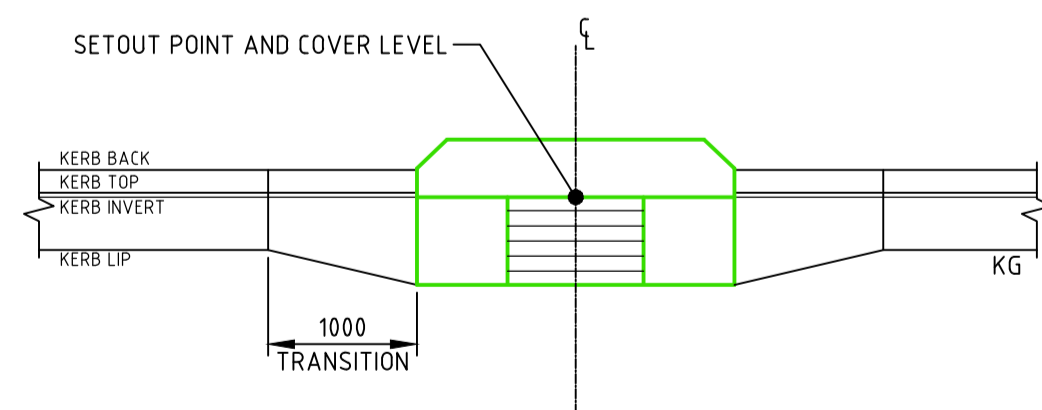
R-SUMP SETOUT DETAIL
SCALE 1:50



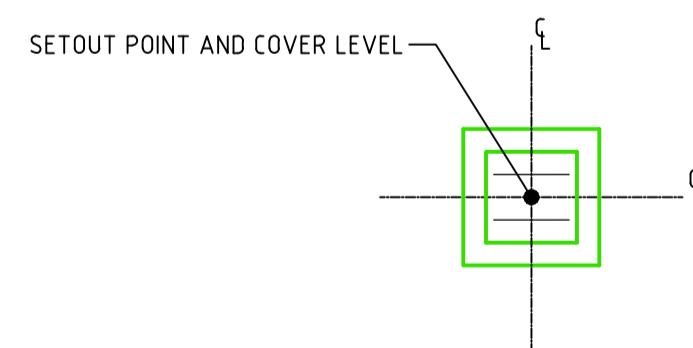
HEADWALL SETOUT DETAIL
SCALE 1:50



PLANTATION SUMP SETOUT DETAIL
SCALE 1:50



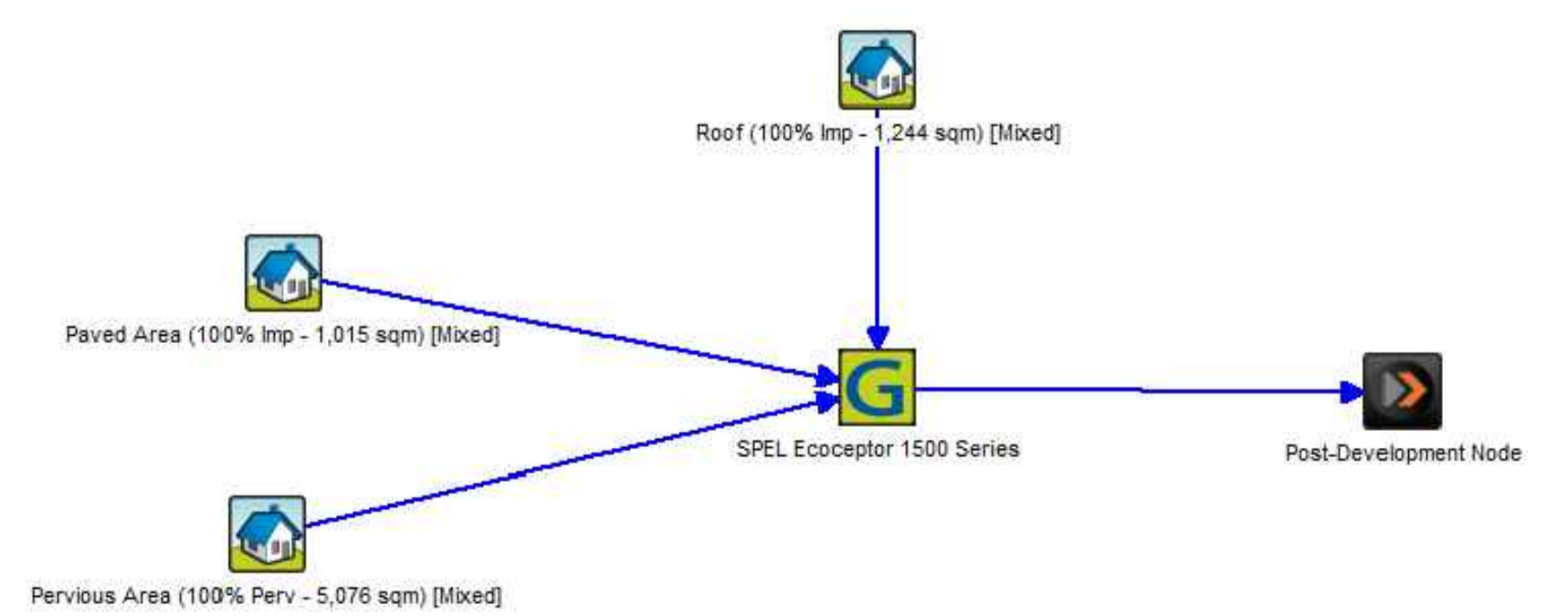
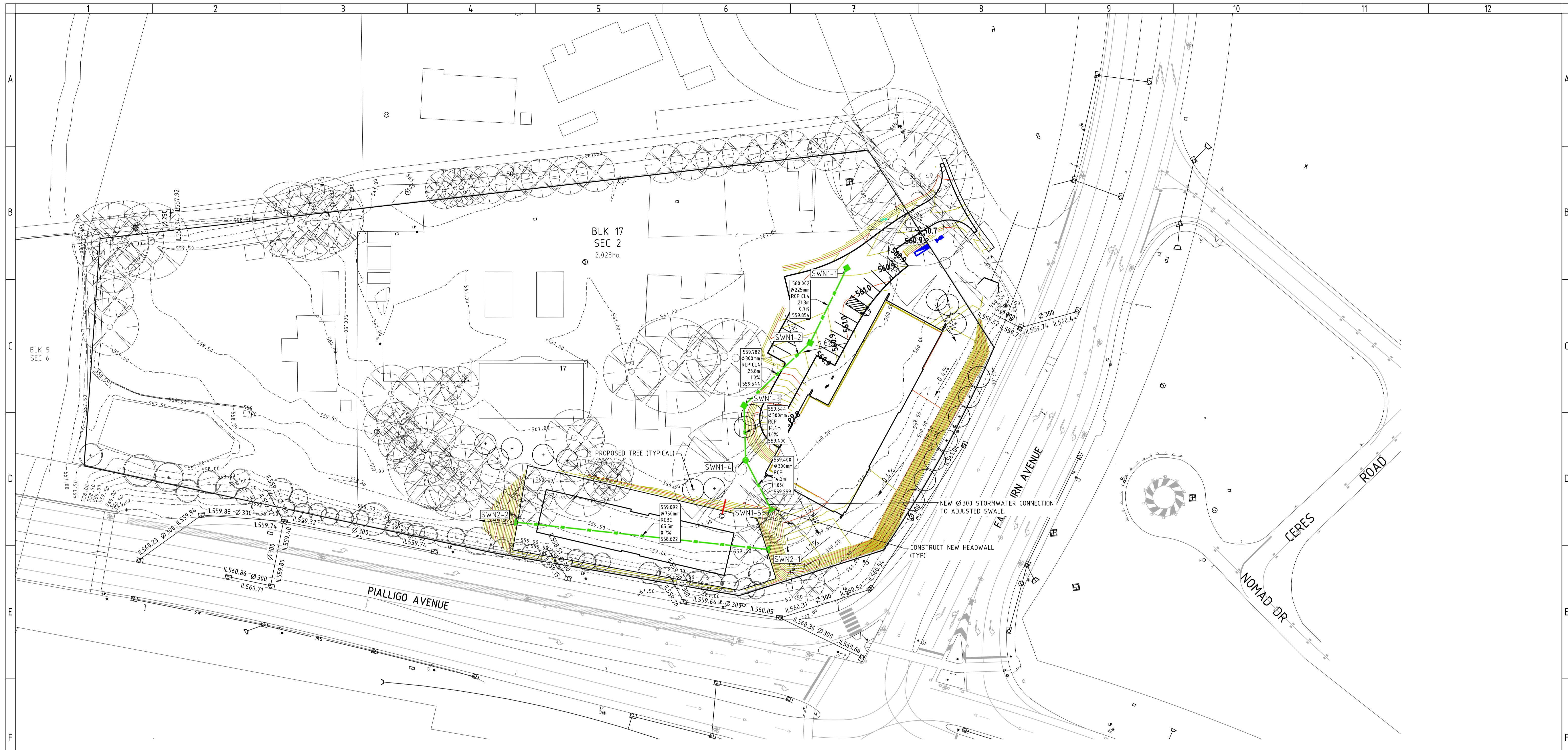
KIS SUMP SETOUT DETAIL
SCALE 1:50



GRATED INLET SUMP SETOUT DETAIL
SCALE 1:50

REFERENCE
FOR GENERAL NOTES REFER DRAWING No. C003

<p>CLIENT DR JACOB MICHELSEN</p>		<p>ARCHITECT TURCO AND ASSOCIATES</p>		<p>PROJECT TITLE PIALLIGO VILLAGE AND ANIMAL REFERENCE HOSPITAL</p>		<p>DESIGNED BY AM</p> <p>CHECKED BY CO</p> <p>AUTHORISED BY</p> <p>DATE 01/02/2019</p>		<p>DRAWING TITLE STORMWATER MANAGEMENT NOTES AND DETAILS</p> <p>PROJECT LOCATION BLOCK 17 SECTION 2 PIALLIGO, ACT</p>		<p>SCALE 0 1 1.5 2 2.5m 1:50 @ A1</p> <p>JOB NO. 161310</p> <p>DRAWING NO. C400</p> <p>REV. A</p>	
<p>FOR DESIGN ACCEPTANCE</p> <p>ISSUE DESCRIPTION</p>		<p>01.02.19</p> <p>DATE DRAWN</p>		<p>DO NOT SCALE OFF DRAWINGS</p> <p>VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK.</p> <p>COPYRIGHT: The concepts and information contained in this document are copyright of Sellick Consultants. Use or copying of this document in whole or in part without written permission constitutes an infringement of copyright.</p>		<p>DATE 01/02/2019</p>		<p>DATE 01/02/2019</p>		<p>DATE 01/02/2019</p>	



TREATMENT TRAIN NODE DIAGRAM

TREATMENT TRAIN EFFECTIVENESS

OUTPUT DATA FROM MUSIC SOFTWARE				
	SOURCE	RESIDUAL LOAD	REDUCTION (%)	TARGET (%)
FLOW ML/yr	1.91	1.91	0	-
TSS kg/yr	294	85.3	71	60
TP kg/yr	0.427	0.132	69	45
TN kg/yr	5.08	2.69	47	40

STRUCTURE SCHEDULE FOR: SW

NAME	TYPE	SETOUT COORDS	COVER LEVEL	PIT DEPTH [m]	COVER TYPE
SWN1-1	900SQ SWP	E: 215454.725 N: 601576.435	560.862	0.860	CLASS D GRATE
SWN1-2	900SQ SWP	E: 215445.154 N: 601556.884	560.745	0.963	CLASS D GRATE
SWN1-3	900SQ SWP	E: 215427.868 N: 601540.533	560.594	1.050	CLASS D GRATE
SWN1-4	ECOCEPTOR 1500	E: 215428.257 N: 601526.155	560.400	1.000	STANDARD
SWN1-5	HEADWALL	E: 215434.812 N: 601513.540	559.932	0.673	STANDARD
SWN2-1	HEADWALL	E: 215433.778 N: 601502.890	560.750	1.658	STANDARD
SWN2-2	HEADWALL	E: 215368.609 N: 601509.926	560.750	2.128	STANDARD

LEGEND

- SW STORMWATER
- SSD SUBSOIL DRAINAGE

STRUCTURES

- EXISTING 1500 @ A1
- PROPOSED
- ENDCAP
- MANHOLE
- GRATED PIT
- KERB INLET SUMP
- QS TYPE SUMP
- R TYPE SUMP
- PLANTATION SUMP

NOTE;
STORMWATER PLAN PREPARED ONLY FOR THE SITE PORTION COVERED BY THIS DEVELOPMENT (7380m²). FUTURE PROPOSALS FOR DEVELOPMENT ALONG NEIGHBORING PROPERTIES TO BE PART OF A SEPARATE STORMWATER MANAGEMENT PLAN.

REFERENCE

1. FOR STORMWATER MANAGEMENT NOTES AND DETAILS REFER DRAWING C400

ISSUE	DESCRIPTION	DATE	DRAWN
1	REVISD FOR WORKS APPROVAL	14.02.19	DA
2	REVISD FOR WORKS APPROVAL	22.05.18	TL
3	REVISD FOR WORKS APPROVAL	05.10.17	NS
4	REVISD FOR WORKS APPROVAL	04.08.17	AM
5	REVISD FOR WORKS APPROVAL	21.07.17	NS

CLIENT
DR JACOB MICHELSEN

ARCHITECT
TURCO AND ASSOCIATES



PROJECT TITLE
PIALLIGO VILLAGE AND ANIMAL REFERENCE HOSPITAL

DO NOT SCALE OFF DRAWINGS
VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK
COPYRIGHT: The concepts and information contained in this document are copyright of Sellick Consultants. Use or copying of this document in whole or in part without written permission constitutes an infringement of copyright.

DESIGNED BY
AM

CHECKED BY
CO

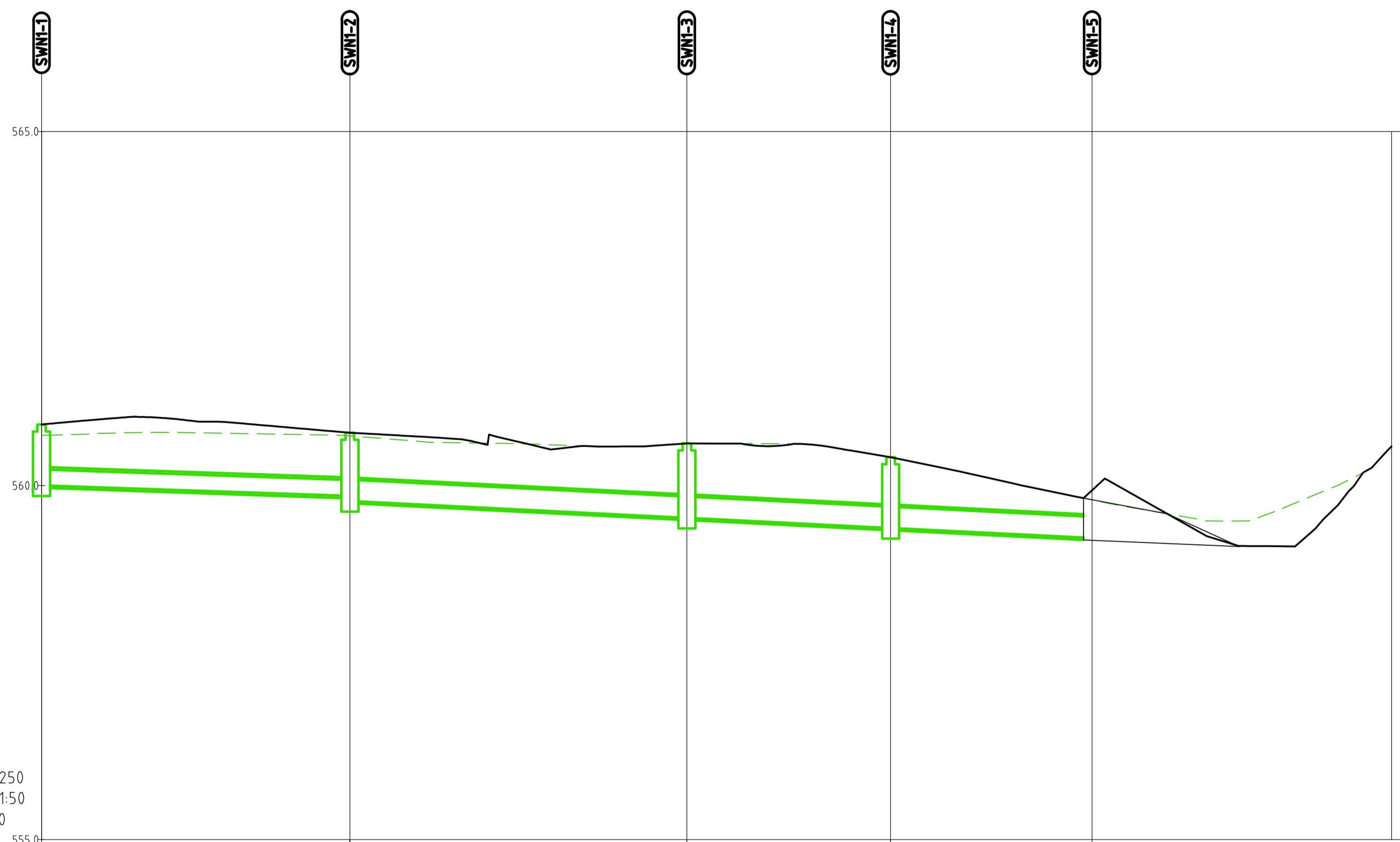
AUTHORISED BY

DATE
14/02/2019

DRAWING TITLE
STORMWATER MANAGEMENT PLAN

PROJECT LOCATION
**BLOCK 17 SECTION 2
PIALLIGO, ACT**

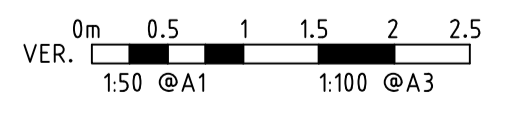
SCALE 0m 5 10 15 20 25 1:500 @A1 1:1000 @A3	JOB NO. 161310	DRAWING NO. C401	REV. E
---	--------------------------	----------------------------	------------------



HOR. SCALE 1:250
 VERT. SCALE 1:50
 Datum 555.000

GRADE %	0.68%	1.00%	1.00%	1.00%
	225	300	300	300
PIPE DETAILS (CL to CL LENGTHS)	RCP CL4	RCP CL4	RCP	RCP
	21.767m	23.794m	14.383m	14.217m
DESIGN LEVEL AT MH CL	560.862	560.745	560.400	559.932
INVERT LEVEL	560.002	559.854 559.782	559.400 559.400	559.259
COVER	0.600	0.631 0.631	0.718 0.718	0.341
CHAINAGE	0.000	21.767 21.767	45.561 45.561	59.945 59.945

SW-1 LONG SECTION



FOR DESIGN ACCEPTANCE	14.02.19	AM
FOR DESIGN ACCEPTANCE	01.02.19	DA
REVISED FOR WORKS APPROVAL	22.05.18	TI
FOR DESIGN ACCEPTANCE	29.03.18	RT
ISSUE	DATE	DRAWN

CLIENT
 DR JACOB MICHELSEN

ARCHITECT
 TURCO AND ASSOCIATES



PROJECT TITLE
 PIALLIGO VILLAGE AND ANIMAL
 REFERENCE HOSPITAL

DESIGNED BY
 AM

CHECKED BY
 CO

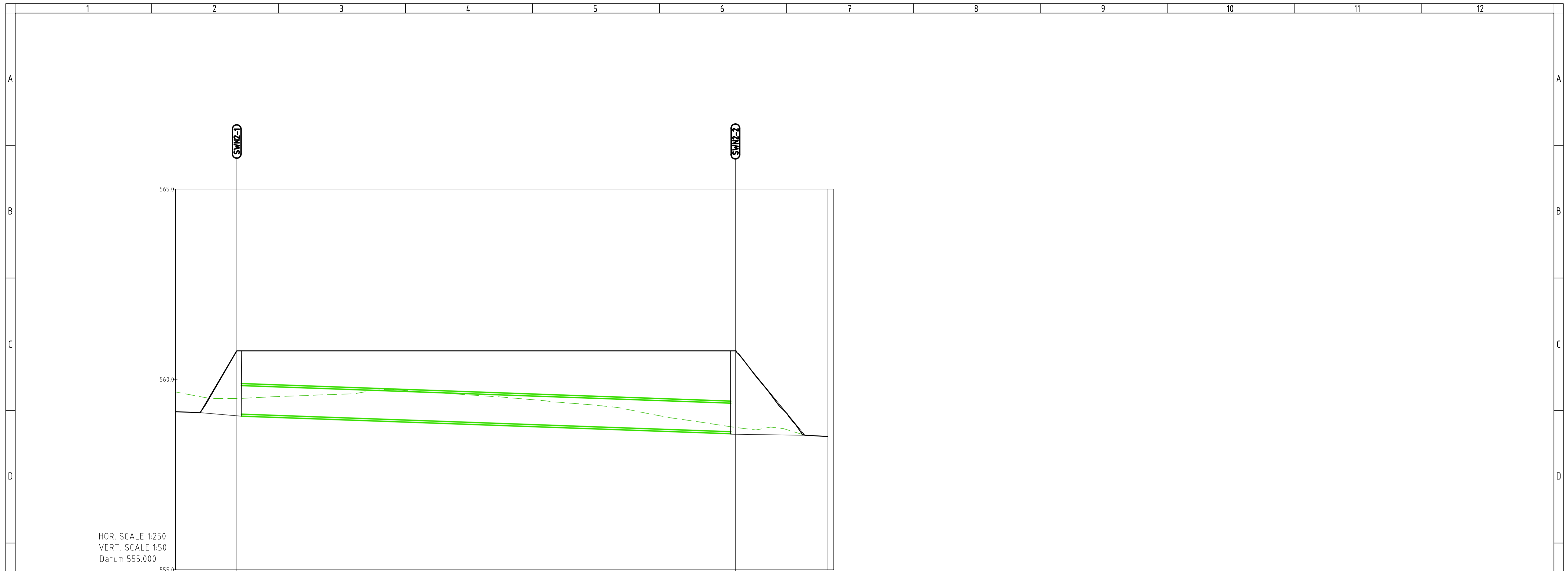
AUTHORISED BY

DATE
 14/02/2019

DRAWING TITLE
 STORMWATER LONGITUDINAL
 SECTIONS 1

PROJECT LOCATION
 BLOCK 17 SECTION 2
 PIALLIGO, ACT

SCALE		
0m	2.5	5
7.5	10	12.5
1:250 @A1		
1:500 @A3		
JOB NO.	DRAWING NO.	REV.
161310	C402	D



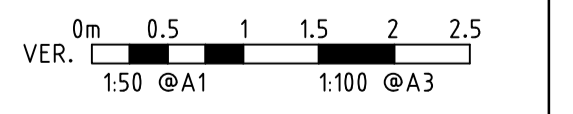
HOR. SCALE 1:250
 VERT. SCALE 1:50
 Datum 555.000

GRADE % 0.72%

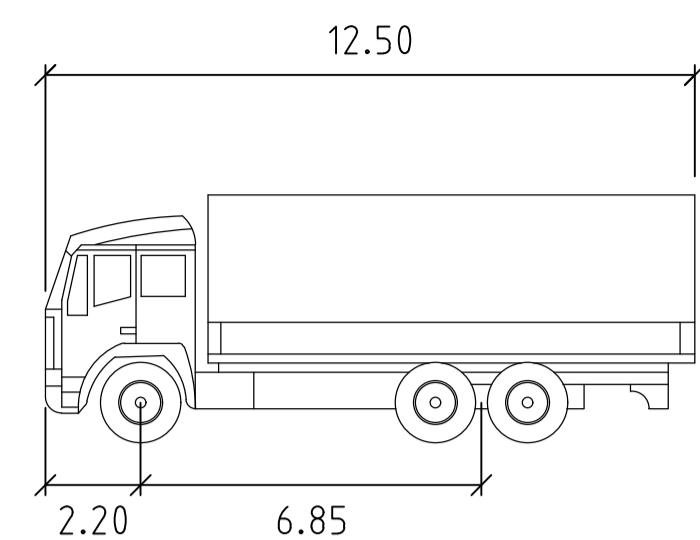
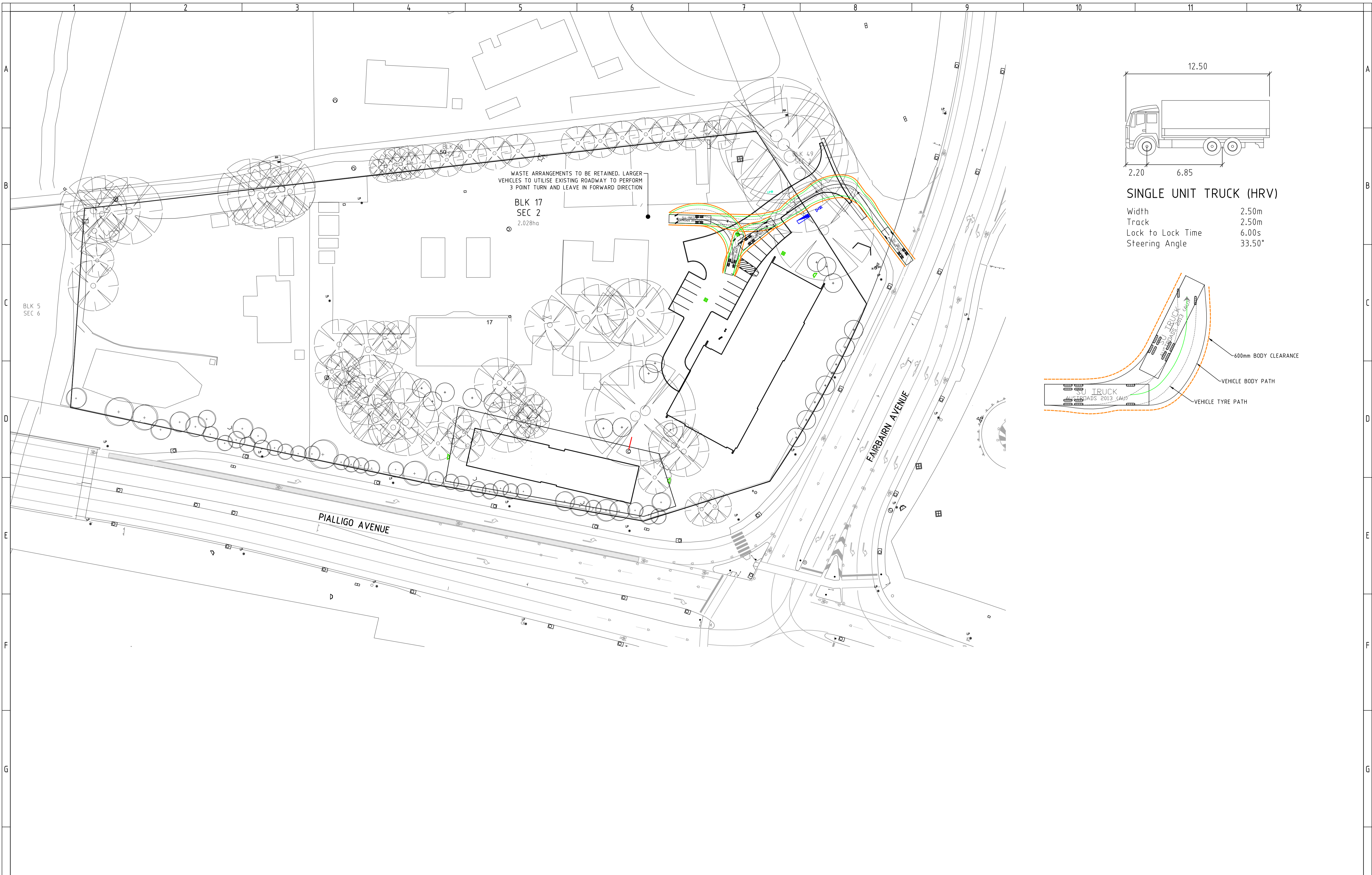
PIPE DETAILS (CL to CL LENGTHS)
 750 RCBC
 0.75 x 3.0 RCBC
 65.548m

DESIGN LEVEL AT MH CL	560.750	560.750
INVERT LEVEL	559.092	558.622
COVER	0.854	1.324
CHAINAGE	8.051	73.599

SW-2 LONG SECTION

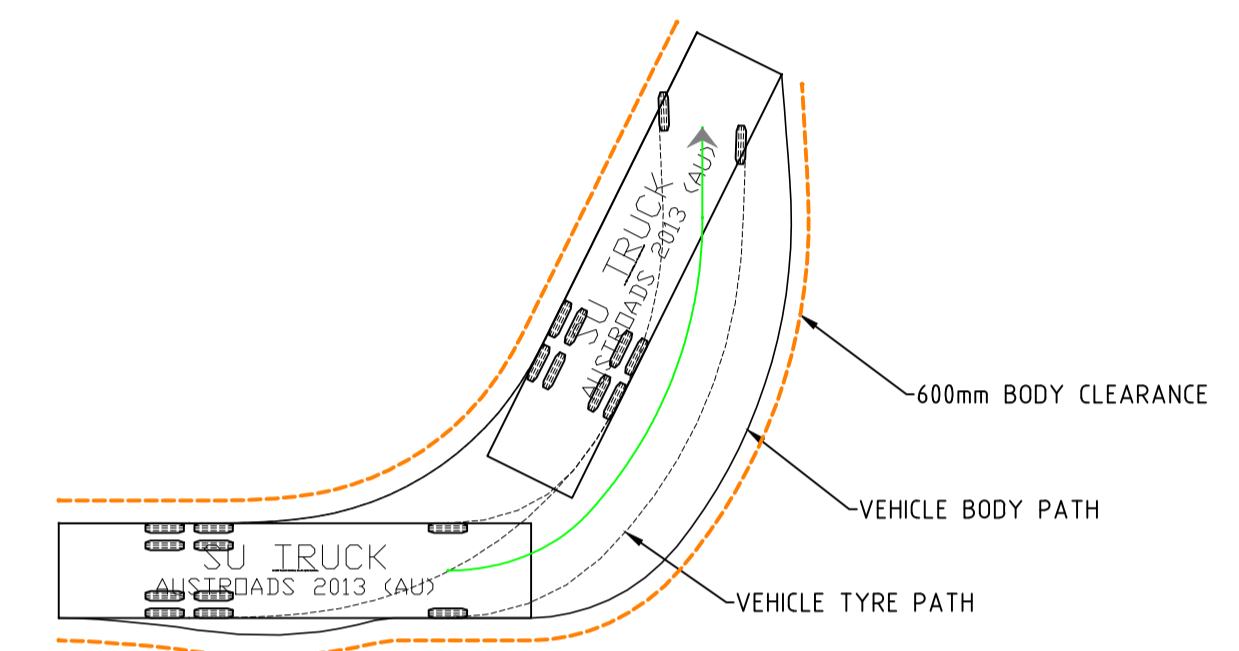


		CLIENT DR JACOB MICHELSEN	ARCHITECT TURCO AND ASSOCIATES	 sellick consultants STRUCTURAL CIVIL HYDRAULIC canberra sydney brisbane 02 6201 0200 www.sellickconsultants.com.au	PROJECT TITLE PIALLIGO VILLAGE AND ANIMAL REFERENCE HOSPITAL	DESIGNED BY AM CHECKED BY CD AUTHORISED BY DATE 14/02/2019	DRAWING TITLE STORMWATER LONGITUDINAL SECTIONS 2 PROJECT LOCATION BLOCK 17 SECTION 2 PIALLOGO, ACT	SCALE 	JOB NO. 161310	DRAWING NO. C403	REV. A
A FOR DESIGN ACCEPTANCE ISSUE DESCRIPTION	14.02.19 DATE DRAWN				DO NOT SCALE OFF DRAWINGS VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. COPYRIGHT: The concepts and information contained in this document are copyright of Sellick Consultants. Use or copying of this document in whole or in part without written permission constitutes an infringement of copyright.						

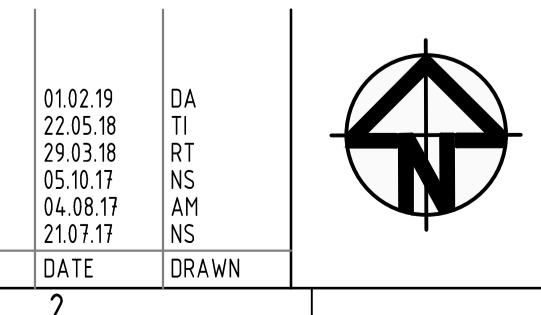


SINGLE UNIT TRUCK (HRV)

Width 2.50m
Track 2.50m
Lock to Lock Time 6.00s
Steering Angle 33.50°



ISSUE	DESCRIPTION	DATE	DRAWN
F	FOR DESIGN ACCEPTANCE	01.02.19	DA
E	REVISED FOR WORKS APPROVAL	22.05.18	TI
D	FOR DESIGN ACCEPTANCE	29.03.18	RT
C	REVISED FOR WORKS APPROVAL	05.10.17	NS
B	FOR WORKS APPROVAL	04.08.17	AM
A	FOR REVIEW	21.07.17	NS



CLIENT
DR JACOB MICHELSEN

ARCHITECT
TURCO AND ASSOCIATES

sellick consultants
STRUCTURAL CIVIL HYDRAULIC
canberra | sydney | brisbane
02 6201 0200 www.sellickconsultants.com.au

PROJECT TITLE
PIALLIGO VILLAGE AND ANIMAL REFERENCE HOSPITAL

DO NOT SCALE OFF DRAWINGS
VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK.
COPYRIGHT: The concepts and information contained in this document are copyright of Sellick Consultants. Use or copying of this document in whole or in part without written permission constitutes an infringement of copyright.

DESIGNED BY
AM

CHECKED BY
CO

AUTHORISED BY

DATE
01/02/2019

DRAWING TITLE
TURNING DEMONSTRATION PLAN 1

PROJECT LOCATION
BLOCK 17 SECTION 2 PIALLIGO, ACT

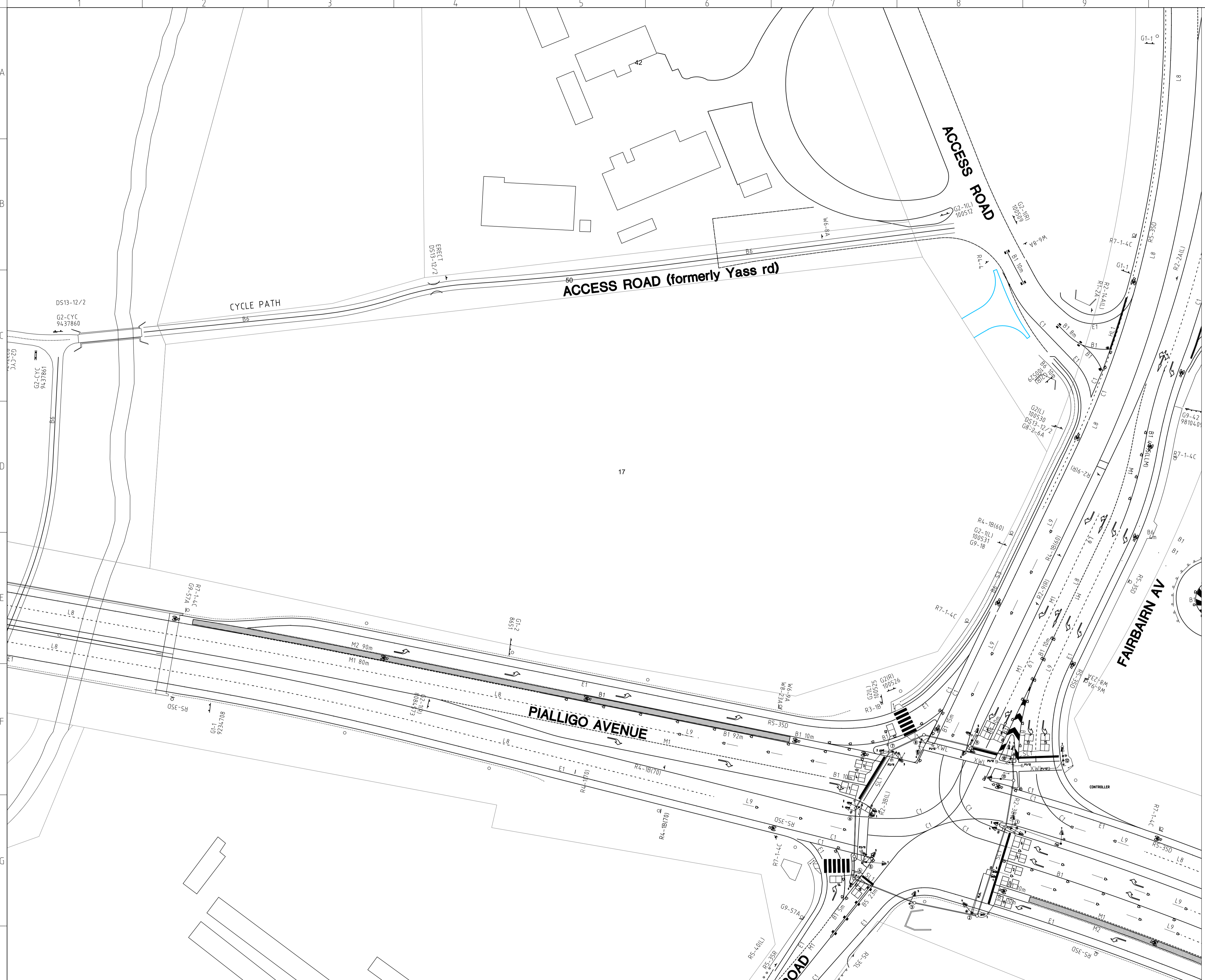
SCALE
0m 5 10 15 20 25
1:500 @A1 1:1000 @A3

JOB NO.
161310

DRAWING NO.
C501

REV.
F

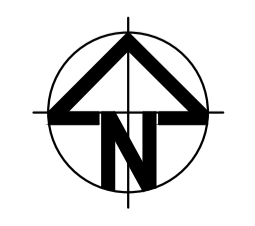
WORK AS EXECUTED	DESIGN AGENT	OFFICE OF A.C.T.
DRAWING AMENDED IN ACCORDANCE WITH ADVICE FROM	RECOMMENDED FOR AUTHORISATION	AUTHORISED PURSUANT TO PART V of Road Transport (Safety and Traffic Management) ACT 1999
DATE:		AUTHORISING SIGNATURE
CONSULTANT SELICK CONSULTANTS	DRAWING NAME TRAFFIC CONTROL DEVICE PLAN	DATE:
NAME:	SCALE:	DOCUMENT NUMBER
SIGNATURE:	1:500	
DATE:		



ISSUE AMEND	DESCRIPTION	DATE	DRAWN	ISSUE AMEND	DESCRIPTION	DATE	DRAWN
1	FOR DESIGN ACCEPTANCE	01.02.19	DA				

DO NOT SCALE OFF DRAWINGS
VERIFY ALL DIMENSIONS ON SITE
BEFORE COMMENCING WORK.

COPYRIGHT: The concepts and information contained in this document are copyright of Sellick Consultants. Use or copying of this document in whole or in part without written permission constitutes infringement of copyright.



sellick consultants
 po box 5005 braddon act 2612
 p: 02 6201 0200 f: 02 6247 2203
 sellickconsultants.com.au

PROJECT TITLE
**PIALLIGO VILLAGE AND ANIMAL
 REFERENCE HOSPITAL**

CLIENT
DR JACOB MICHELSEN

DESIGNED BY
 AM

CHECKED BY
 CD

AUTHORISED BY
 DATE

DRAWING TITLE
**TRAFFIC CONTROL
 DEVICE PLAN**

PROJECT LOCATION
**BLOCK 17 SECTION 2
 PIALLIGO, ACT**

SCALE
 0m 5 10 15 20 25
 1:500 @A1 1:1000 @A3

JOB NO.
161310

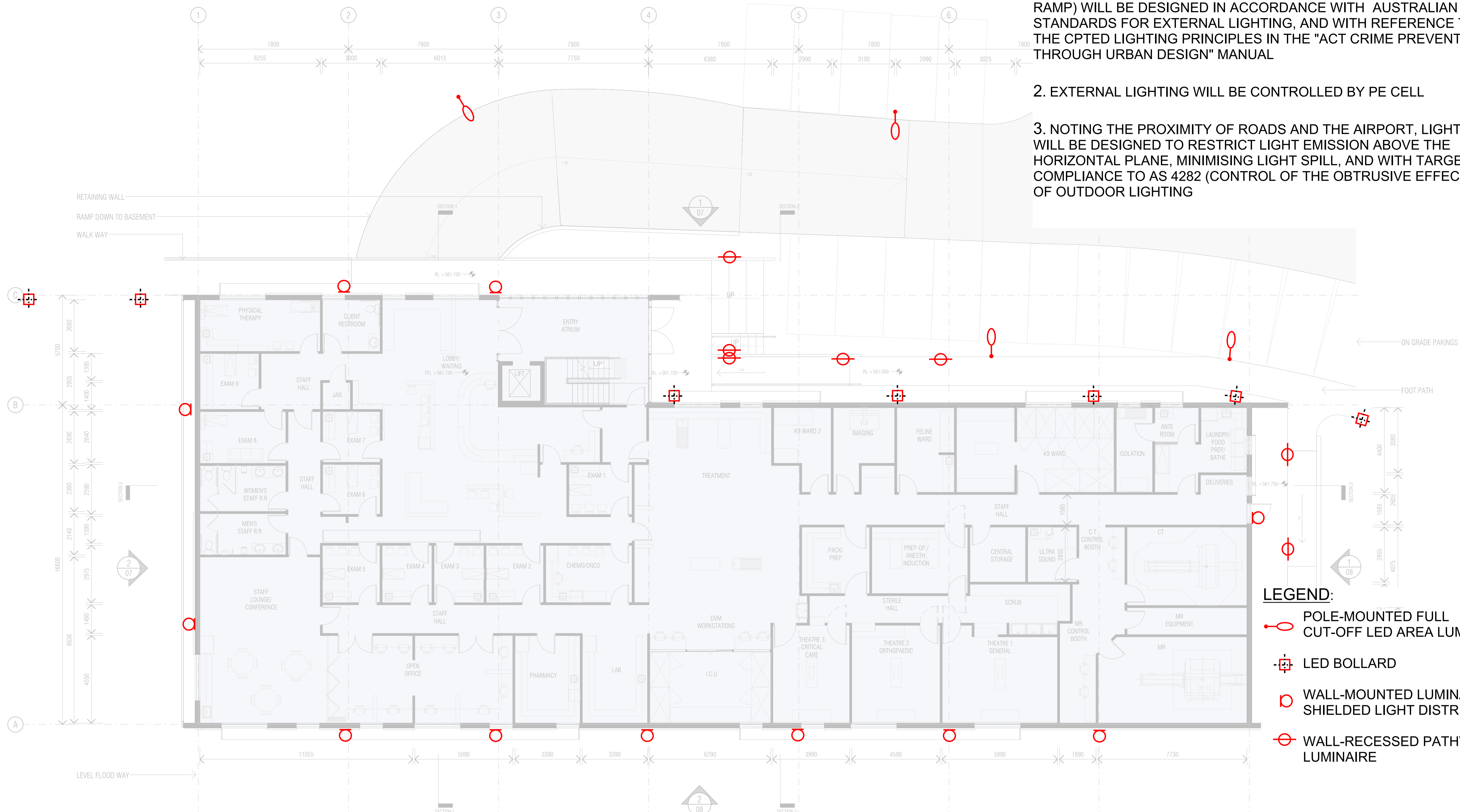
DRAWING NO.
C701

NOTES:

1. EXTERNAL AREAS (DRIVEWAYS, CAR PARKS, FOOTPATHS AND RAMP) WILL BE DESIGNED IN ACCORDANCE WITH AUSTRALIAN STANDARDS FOR EXTERNAL LIGHTING, AND WITH REFERENCE TO THE CPTED LIGHTING PRINCIPLES IN THE "ACT CRIME PREVENTION THROUGH URBAN DESIGN" MANUAL

2. EXTERNAL LIGHTING WILL BE CONTROLLED BY PE CELL

3. NOTING THE PROXIMITY OF ROADS AND THE AIRPORT, LIGHTING WILL BE DESIGNED TO RESTRICT LIGHT EMISSION ABOVE THE HORIZONTAL PLANE, MINIMISING LIGHT SPILL, AND WITH TARGET COMPLIANCE TO AS 4282 (CONTROL OF THE OBTRUSIVE EFFECTS OF OUTDOOR LIGHTING)



- LEGEND:**
- POLE-MOUNTED FULL CUT-OFF LED AREA LUMINAIRE
 - LED BOLLARD
 - WALL-MOUNTED LUMINAIRE WITH SHIELDED LIGHT DISTRIBUTION
 - WALL-RECESSED PATHWAY LUMINAIRE

DATE	19/7/2017	DRAWN	RT	<p>Level 1, 121 Marcus Clarke Street Canberra ACT 2600 Australia</p> <p>Telephone 61 2 6201 9600 Facsimile 61 2 6201 9666 canberra@wsgroup.com</p>	
SCALE		CHECKED	AL		
SHEET SIZE		APPROVED	AL		
PROJECT	PIALLIGO ANIMAL HOSPITAL			TITLE	EXTERNAL LIGHTING SKETCH - HOSPITAL BUILDING
CLIENT	TURCO & ASSOCIATES			PROJECT NO.	2271193PV
		DRAWING NO.	ELE-SK01	REVISION	P3

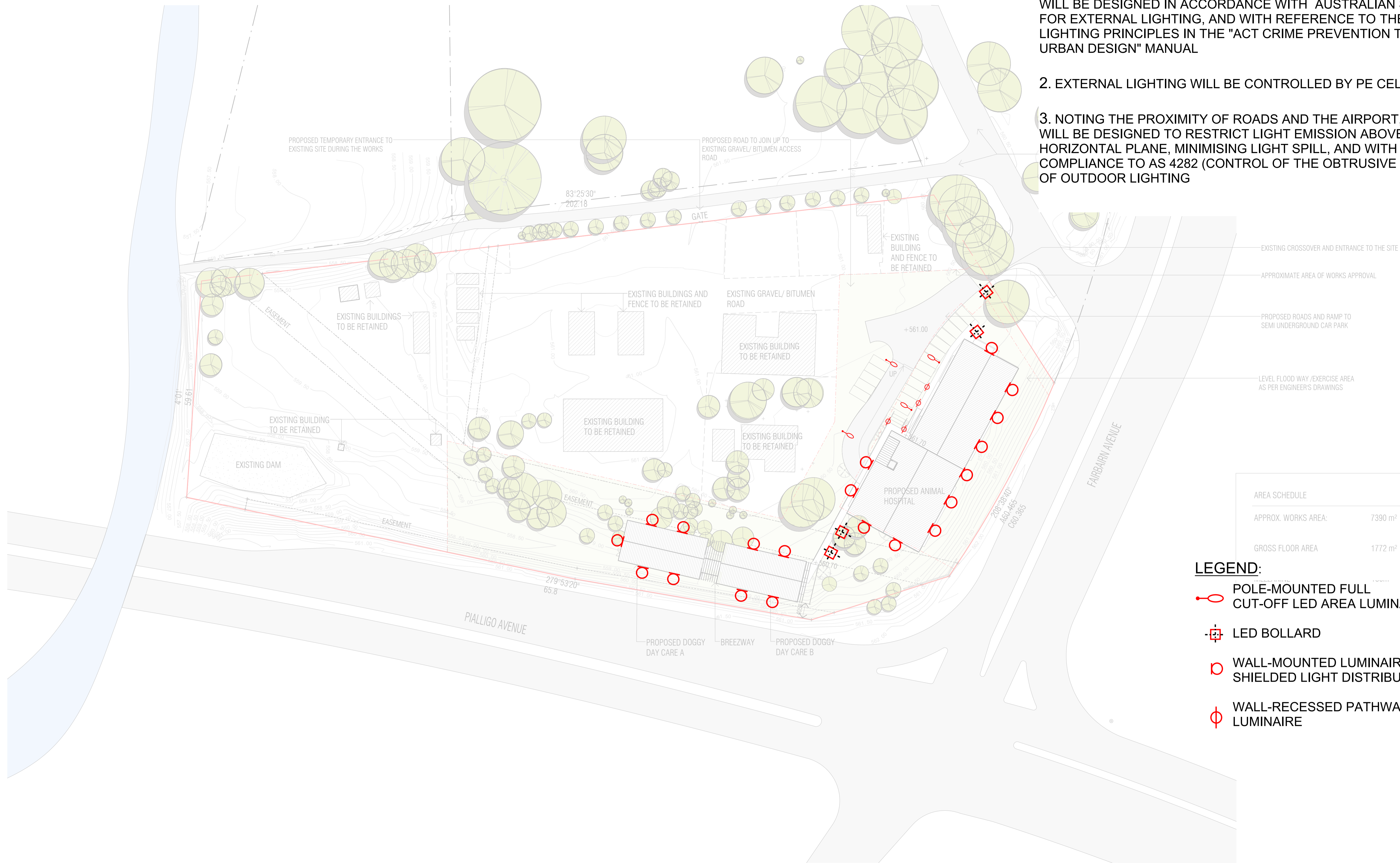
BLOCK BOUNDRY

NOTES:

1. EXTERNAL AREAS (DRIVEWAYS, CAR PARKS AND FOOTPATHS) WILL BE DESIGNED IN ACCORDANCE WITH AUSTRALIAN STANDARDS FOR EXTERNAL LIGHTING, AND WITH REFERENCE TO THE CPTED LIGHTING PRINCIPLES IN THE "ACT CRIME PREVENTION THROUGH URBAN DESIGN" MANUAL


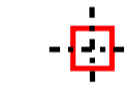


2. EXTERNAL LIGHTING WILL BE CONTROLLED BY PE CELL

3. NOTING THE PROXIMITY OF ROADS AND THE AIRPORT, LIGHTING WILL BE DESIGNED TO RESTRICT LIGHT EMISSION ABOVE THE HORIZONTAL PLANE, MINIMISING LIGHT SPILL, AND WITH TARGET COMPLIANCE TO AS 4282 (CONTROL OF THE OBTRUSIVE EFFECTS OF OUTDOOR LIGHTING)



AREA SCHEDULE	
APPROX. WORKS AREA:	7390 m ²
GROSS FLOOR AREA	1772 m ²

LEGEND:

-  POLE-MOUNTED FULL CUT-OFF LED AREA LUMINAIRE
-  LED BOLLARD
-  WALL-MOUNTED LUMINAIRE WITH SHIELDED LIGHT DISTRIBUTION
-  WALL-RECESSED PATHWAY LUMINAIRE

DATE	19/7/2017	DRAWN	RT
SCALE		CHECKED	AL
SHEET SIZE		APPROVED	AL



PROJECT	PIALLIGO ANIMAL HOSPITAL
CLIENT	TURCO & ASSOCIATES

TITLE	EXTERNAL LIGHTING SKETCH - SITE
PROJECT NO.	2271193PV
DRAWING NO.	ELE-SK02
REVISION	P2

BLOCK 16 SECTION 2 PIALLIGO, ACT

LANDSCAPE DOCUMENTATION ISSUE FOR NCA WORKS APPROVAL

OCTOBER 2017

GENERAL NOTES

THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS.

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE LANDSCAPE ARCHITECT.

IF ANY DISCREPANCY OCCURS BETWEEN DRAWINGS AND SPECIFICATIONS IT SHOULD BE REFERRED TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH WORK.

UNLESS SPECIFIED OTHERWISE LEVELS ARE IN METRES AND DIMENSIONS ARE IN MILLIMETRES.

VERIFY THE LOCATION OF ALL SERVICES AND ALL EXISTING STRUCTURES, PAVEMENTS, FENCES AND VEGETATION ON SITE PRIOR TO COMMENCEMENT OF WORKS.

REFER SURVEYOR AS NECESSARY. LAYOUT TO BE CONDUCTED BY REGISTERED SURVEYOR. CONTRACTOR WILL BE PROVIDED WITH DIGITAL COPY OF THE DRAWINGS.

SET-OUT ALL WORKS FOR APPROVAL BY THE LANDSCAPE ARCHITECT.

PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (EG. BRICKS, PAVERS) FOR LANDSCAPE ARCHITECTS APPROVAL PRIOR TO PLACING ORDERS.

USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.

COORDINATE ALL WORKS WITH OTHER TRADES.

REFER TO ARCHITECTS DOCUMENTATION FOR STAGING AND BOUNDARIES

STANDARDS

ALL CONSTRUCTION WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE 'STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE WORKS' (TAMS).

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ENVIRONMENT ACT'S 'GUIDELINES FOR EROSION AND SEDIMENT CONTROL ON BUILDING SITES'.

CONFORM TO THE FOLLOWING STANDARDS:
AS 1428.1 - DESIGN FOR ACCESS AND MOBILITY PART 1 - ACCESS TO BUILDINGS

AS 1428.2 - DESIGN FOR ACCESS AND MOBILITY PART 2 - ENHANCED AND ADDITIONAL REQUIREMENTS - BUILDINGS AND FACILITIES

AS 1428.4 - DESIGN FOR ACCESS AND MOBILITY PART 4 - TACTILE INDICATORS

AS 2890.3 - PARKING FACILITIES PART 3 - BICYCLE PARKING FACILITIES

AS 2899 - PUBLIC INFORMATION SYMBOL SIGNS

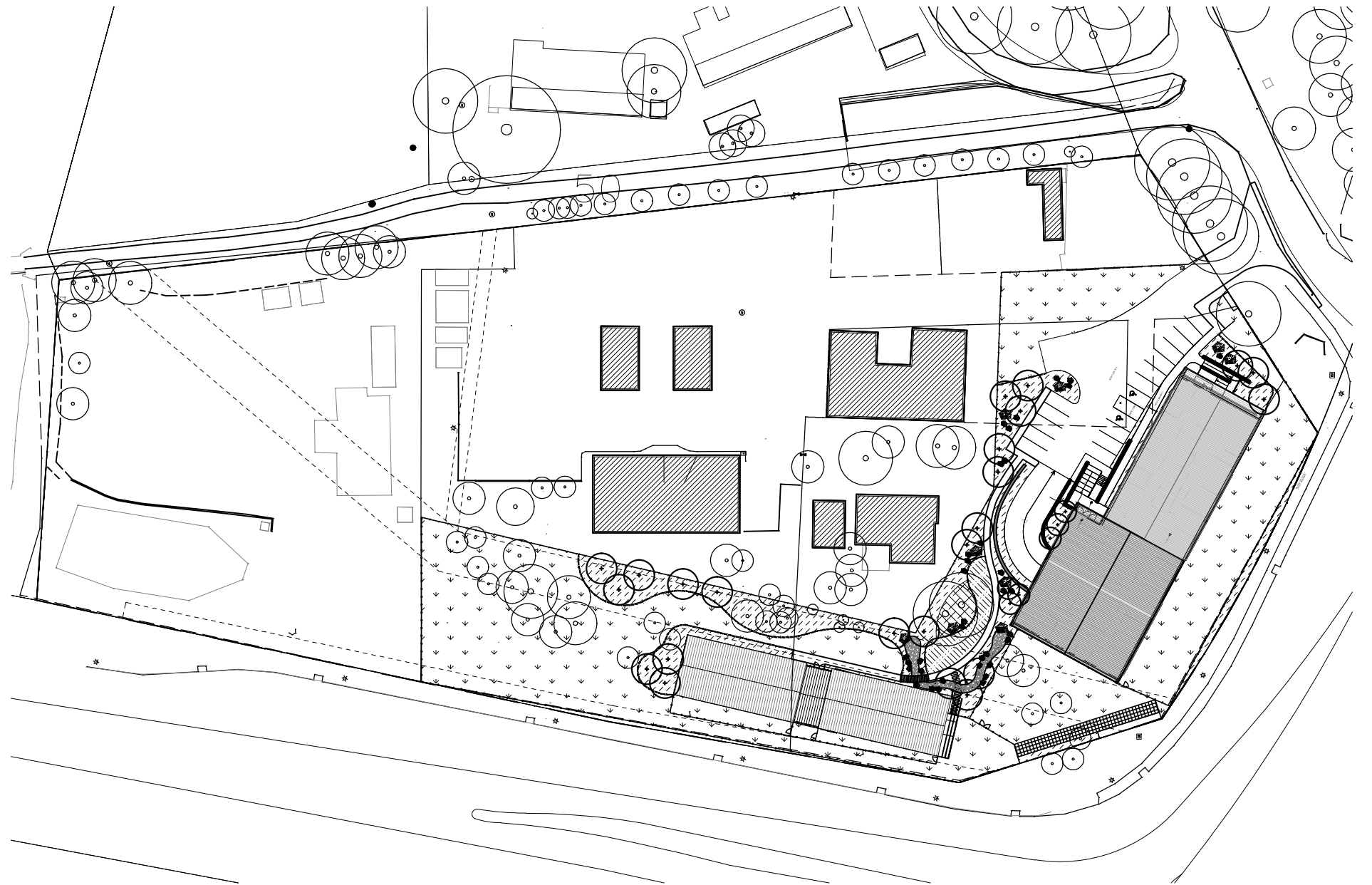
AS 3661.1 - SLIP RESISTANCE OF PEDESTRIAN SURFACES

AS 4586 - SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

AS 1742 - TRAFFIC CONTROL DEVICES

DRAWING LIST

- F101 LANDSCAPE COVER
- F102 SURFACES SET OUT & LEVELS - AREA 1
- F103 SURFACES SET OUT & LEVELS - AREA 2
- F104 PLANTING PLAN - AREA 1
- F105 PLANTING PLAN - AREA 2
- F106 LANDSCAPE DETAILS
- F107 LANDSCAPE DETAILS



NOTES

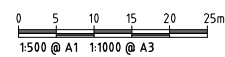
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.

DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.

USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.

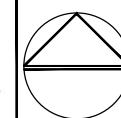
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (EG. BRICKS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.



A	DP	RH	DP		13/10/2017	FOR NCA WORKS APPROVAL
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE



Deakin Chambers
14 Hannah Place
Deakin ACT 2600
Tel 02 6285 1555
dsb@dsbia.com.au



Project

BLOCK 16 SECTION 2
PIALLIGO, ACT

Client

TURCO AND ASSOCIATES

Drawing Title

LANDSCAPE COVER

Scale 1:500 @ A1

Plot Date:

Sheet No.

Dwg. No.

3403-F101 A

1

BLOCK 16 SECTION 2 PIALLIGO, ACT

LANDSCAPE DOCUMENTATION ISSUE FOR NCA WORKS APPROVAL

OCTOBER 2017

GENERAL NOTES

THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS.

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE LANDSCAPE ARCHITECT.

IF ANY DISCREPANCY OCCURS BETWEEN DRAWINGS AND SPECIFICATIONS IT SHOULD BE REFERRED TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH WORK.

UNLESS SPECIFIED OTHERWISE LEVELS ARE IN METRES AND DIMENSIONS ARE IN MILLIMETRES.

VERIFY THE LOCATION OF ALL SERVICES AND ALL EXISTING STRUCTURES, PAVEMENTS, FENCES AND VEGETATION ON SITE PRIOR TO COMMENCEMENT OF WORKS.

REFER SURVEYOR AS NECESSARY. LAYOUT TO BE CONDUCTED BY REGISTERED SURVEYOR. CONTRACTOR WILL BE PROVIDED WITH DIGITAL COPY OF THE DRAWINGS.

SET-OUT ALL WORKS FOR APPROVAL BY THE LANDSCAPE ARCHITECT.

PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (EG. BRICKS, PAVERS) FOR LANDSCAPE ARCHITECTS APPROVAL PRIOR TO PLACING ORDERS.

USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.

COORDINATE ALL WORKS WITH OTHER TRADES.

REFER TO ARCHITECTS DOCUMENTATION FOR STAGING AND BOUNDARIES

STANDARDS

ALL CONSTRUCTION WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE 'STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE WORKS' (TAMS).

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH ENVIRONMENT ACT'S 'GUIDELINES FOR EROSION AND SEDIMENT CONTROL ON BUILDING SITES'.

CONFORM TO THE FOLLOWING STANDARDS:
AS 1428.1 - DESIGN FOR ACCESS AND MOBILITY PART 1 - ACCESS TO BUILDINGS

AS 1428.2 - DESIGN FOR ACCESS AND MOBILITY PART 2 - ENHANCED AND ADDITIONAL REQUIREMENTS - BUILDINGS AND FACILITIES

AS 1428.4 - DESIGN FOR ACCESS AND MOBILITY PART 4 - TACTILE INDICATORS

AS 2890.3 - PARKING FACILITIES PART 3 - BICYCLE PARKING FACILITIES

AS 2899 - PUBLIC INFORMATION SYMBOL SIGNS

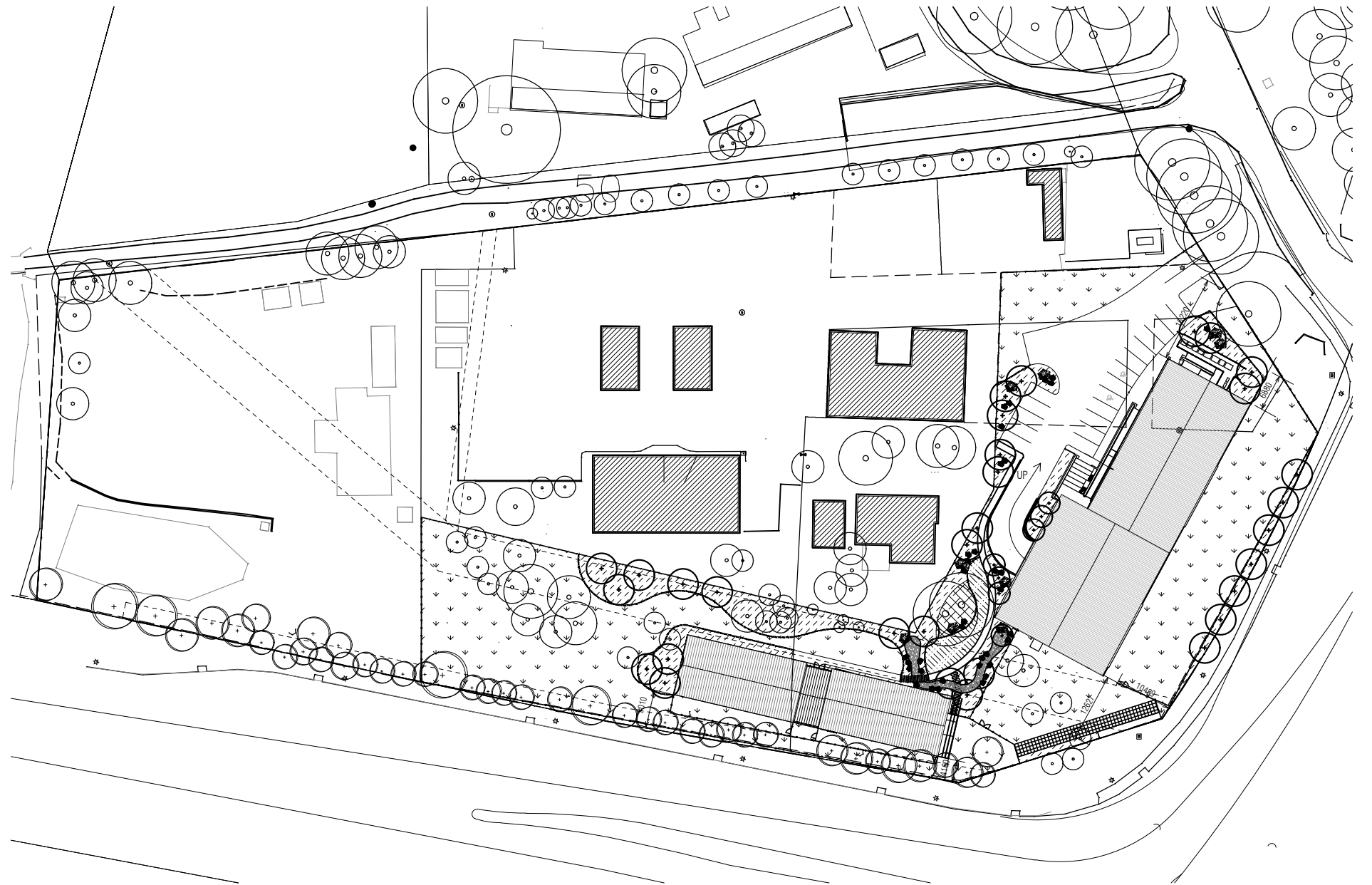
AS 3661.1 - SLIP RESISTANCE OF PEDESTRIAN SURFACES

AS 4586 - SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

AS 1742 - TRAFFIC CONTROL DEVICES

DRAWING LIST

- F101 LANDSCAPE COVER
- F102 SURFACES SET OUT & LEVELS - AREA 1
- F103 SURFACES SET OUT & LEVELS - AREA 2
- F104 PLANTING PLAN - AREA 1
- F105 PLANTING PLAN - AREA 2
- F106 LANDSCAPE DETAILS
- F107 LANDSCAPE DETAILS



NOTES

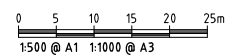
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.

DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.

USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.

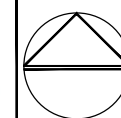
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (EG. BRICKS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.



B A	DP DP	RH RH	DP DP		11/02/2019 13/10/2017	FOR NCA WORKS APPROVAL FOR NCA WORKS APPROVAL
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE



Deakin Chambers
14 Hannah Place
Deakin ACT 2600
Tel 02 6285 1955
dsb@dsbla.com.au



Project
**BLOCK 16 SECTION 2
PIALLIGO, ACT**

Client
TURCO AND ASSOCIATES


















Drawing Title
LANDSCAPE COVER

Scale 1:500 @ A1
Drg. No. 3403-F101 B

Plot Date:
Sheet No. 1

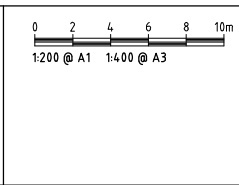



LEGEND - SURFACES

-  EXISTING TREES TO BE RETAINED & PROTECTED
- SOFTSCAPE**
Refer Detail Sheet F106 - Landscape Details
-  TREE PLANTING
Refer to Planting Plan
-  GRASS TYPE 1 - NON-IRRIGATED GRASSING
-  GRASS TYPE 2- IRRIGATED GRASS
Refer Grassing Notes / Detail
-  PLANTING BED TYPE 1 - EXCAVATED PLANTING BED
-  PLANTING BED TYPE 2 - UN-EXCAVATED PLANTING BED
Within Canopy of Existing Trees
-  PLANTING BED TYPE 3 - DRY CREEK BED
'Dry Creek' Planting Bed Treatment
- HARDSCAPE**
Refer Detail Sheet F107 - Landscape Details
-  PAVEMENT TYPE 1 - EXPOSED AGGREGATE CONCRETE
Sandstone colour oxide concrete
Bungendore Brown Gravel Aggregate
Joint Locations as Per Indicative Layout
-  150mm WIDE CONCRETE EDGING
-  WALL TYPE 1: RENDERED BLOCKWORK
To Engineers Detail
Finish: Off-White Render
-  WALL TYPE 2: GABION WALL
To Engineers Detail
-  WALL TYPE 3: GABION FEATURE
Refer to Detail
-  TIMBER PEDESTRIAN BOARDWALK
Refer to Detail
-  FENCE TYPE 1: AGRICULTURAL STYLE FENCE
Refer to Detail
-  FENCE TYPE 2: CHAIN LINK FENCE
Refer to Detail
-  ROCK BOULDERS
Rocks in various sizes from 300-800mm
-  STEPPING STONES
Refer to Detail

A	DP	RH	DP	13/10/2017	FOR NCA WORKS APPROVAL	
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE

NOTES
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (E.G. BRICKS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.





Deakin Chambers
14 Hannah Place
Deakin ACT 2600
Tel 02 6285 1555
dsb@dsbia.com.au

Project
**BLOCK 16 SECTION 2
PIALLIGO, ACT**

Client
TURCO AND ASSOCIATES

Drawing Title SURFACES SET OUT & LEVELS AREA 1		
Scale 1:200 @ A1	Plot Date:	Sheet No. 2
Drg. No. 3403-F102 A		



JOINS DWG 3403-F103

LEGEND - SURFACES

- EXISTING TREES TO BE RETAINED & PROTECTED
- UNSURVEYED EXISTING TREES TO BE RETAINED & PROTECTED WHERE POSSIBLE

SOFTSCAPE
Refer Detail Sheet F106 - Landscape Details

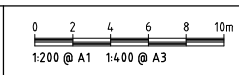
- TREE PLANTING
Refer to Planting Plan
- GT-1 GRASS TYPE 1 - NON-IRRIGATED GRASSING
- GT-2 GRASS TYPE 2 - IRRIGATED GRASS
Refer Grassing Notes / Detail
- PB-1 PLANTING BED TYPE 1 - EXCAVATED PLANTING BED
- PB-2 PLANTING BED TYPE 2 - UN-EXCAVATED PLANTING BED
Within Canopy of Existing Trees
- PB-3 PLANTING BED TYPE 3 - DRY CREEK BED
'Dry Creek' Planting Bed Treatment

HARDSCAPE
Refer Detail Sheet F107 - Landscape Details

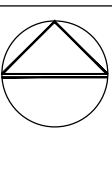
- PT-1 PAVEMENT TYPE 1 - EXPOSED AGGREGATE CONCRETE
Sandstone colour oxide concrete
Bungendore Brown Gravel Aggregate
Joint Locations as Per Indicative Layout
- CE 150mm WIDE CONCRETE EDGING
- WT-1 WALL TYPE 1: RENDERED BLOCKWORK
To Engineers Detail
Finish: Off-White Render
- WT-2 WALL TYPE 2: GABION WALL
To Engineers Detail
- WT-3 WALL TYPE 3: GABION FEATURE
Refer to Detail
- TIMBER PEDESTRIAN BOARDWALK
Refer to Detail
- FT-1 FENCE TYPE 1: AGRICULTURAL STYLE FENCE
Refer to Detail
- FT-2 FENCE TYPE 2: CHAIN LINK FENCE
Refer to Detail
- ROCK BOULDERS
Rocks in various sizes from 300-800mm
- STEPPING STONES
Refer to Detail

C	DP	RH	DP	11/02/2019	FOR NCA WORKS APPROVAL - EXISTING TREES ADDED FOR NCA WORKS APPROVAL - EXISTING TREES ADDED FOR NCA WORKS APPROVAL	
B	DP	RH	DP	07/03/2018		
A	DP	RH	DP	13/10/2017		
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE

NOTES
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (E.G. BRICKS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.



Deakin Chambers
14 Hannah Place
Deakin ACT 2600
Tel 02 6285 1955
dsb@dsbla.com.au



Project
**BLOCK 16 SECTION 2
PIALLIGO, ACT**

Client
TURCO AND ASSOCIATES

Drawing Title SURFACES SET OUT & LEVELS AREA 1		
Scale 1:200 @ A1	Plot Date:	Sheet No. 2
Drg. No. 3403-F102 C		



LEGEND - SURFACES

- EXISTING TREES TO BE RETAINED & PROTECTED
- UNSURVEYED EXISTING TREES TO BE RETAINED & PROTECTED WHERE POSSIBLE

SOFTSCAPE
Refer Detail Sheet F106 - Landscape Details

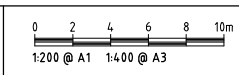
- TREE PLANTING
Refer to Planting Plan
- GT-1 GRASS TYPE 1 - NON-IRRIGATED GRASSING
- GT-2 GRASS TYPE 2 - IRRIGATED GRASS
Refer Grassing Notes / Detail
- PB-1 PLANTING BED TYPE 1 - EXCAVATED PLANTING BED
- PB-2 PLANTING BED TYPE 2 - UN-EXCAVATED PLANTING BED
Within Canopy of Existing Trees
- PB-3 PLANTING BED TYPE 3 - DRY CREEK BED
'Dry Creek' Planting Bed Treatment

HARDSCAPE
Refer Detail Sheet F107 - Landscape Details

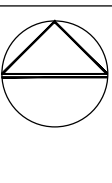
- PT-1 PAVEMENT TYPE 1 - EXPOSED AGGREGATE CONCRETE
Sandstone colour oxide concrete
Bungendore Brown Gravel Aggregate
Joint Locations as Per Indicative Layout
- CE 150mm WIDE CONCRETE EDGING
- WT-1 WALL TYPE 1: RENDERED BLOCKWORK
To Engineers Detail
Finish: Off-White Render
- WT-2 WALL TYPE 2: GABION WALL
To Engineers Detail
- WT-3 WALL TYPE 3: GABION FEATURE
Refer to Detail
- TIMBER PEDESTRIAN BOARDWALK
Refer to Detail
- FT-1 FENCE TYPE 1: AGRICULTURAL STYLE FENCE
Refer to Detail
- FT-2 FENCE TYPE 2: CHAIN LINK FENCE
Refer to Detail
- ROCK BOULDERS
Rocks in various sizes from 300-800mm
- STEPPING STONES
Refer to Detail

B A	DP DP	RH RH	DP DP	07/03/2018 13/10/2017	FOR NCA WORKS APPROVAL - EXISTING TREES ADDED FOR NCA WORKS APPROVAL	
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE

NOTES
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (E.G. BRICKS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.



Deakin Chambers
14 Hannah Place
Deakin ACT 2600
Tel 02 6285 1955
dsb@dsbla.com.au





















Project
**BLOCK 16 SECTION 2
PIALLIGO, ACT**


Client
TURCO AND ASSOCIATES

Drawing Title SURFACES SET OUT & LEVELS AREA 1		
Scale 1:200 @ A1	Plot Date:	Sheet No. 2
Drg. No. 3403-F102 B		

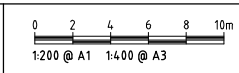


LEGEND - SURFACES

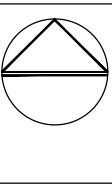
-  EXISTING TREES TO BE RETAINED & PROTECTED
-  UNSURVEYED EXISTING TREES TO BE RETAINED & PROTECTED WHERE POSSIBLE
- SOFTSCAPE**
Refer Detail Sheet F106 - Landscape Details
-  TREE PLANTING
Refer to Planting Plan
-  GT-1 GRASS TYPE 1 - NON-IRRIGATED GRASSING
-  GT-2 GRASS TYPE 2 - IRRIGATED GRASS
Refer Grassing Notes / Detail
-  PB-1 PLANTING BED TYPE 1 - EXCAVATED PLANTING BED
-  PB-2 PLANTING BED TYPE 2 - UN-EXCAVATED PLANTING BED
Within Canopy of Existing Trees
-  PB-3 PLANTING BED TYPE 3 - DRY CREEK BED
'Dry Creek' Planting Bed Treatment
- HARDSCAPE**
Refer Detail Sheet F107 - Landscape Details
-  PT-1 PAVEMENT TYPE 1 - EXPOSED AGGREGATE CONCRETE
Sandstone colour oxide concrete
Bungendore Brown Gravel Aggregate
Joint Locations as Per Indicative Layout
-  CE 150mm WIDE CONCRETE EDGING
-  WT-1 WALL TYPE 1: RENDERED BLOCKWORK
To Engineers Detail
Finish: Off-White Render
-  WT-2 WALL TYPE 2: GABION WALL
To Engineers Detail
-  WT-3 WALL TYPE 3: GABION FEATURE
Refer to Detail
-  TIMBER PEDESTRIAN BOARDWALK
Refer to Detail
-  FT-1 FENCE TYPE 1: AGRICULTURAL STYLE FENCE
Refer to Detail
-  FT-2 FENCE TYPE 2: CHAIN LINK FENCE
Refer to Detail
-  ROCK BOULDERS
Rocks in various sizes from 300-800mm
-  STEPPING STONES
Refer to Detail

C B A	DP DP DP	RH RH RH	DP DP DP		11/02/2019 07/03/2018 13/10/2017	FOR NCA WORKS APPROVAL - EXISTING TREES ADDED FOR NCA WORKS APPROVAL FOR NCA WORKS APPROVAL
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE

NOTES
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (E.G. BRICKS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.



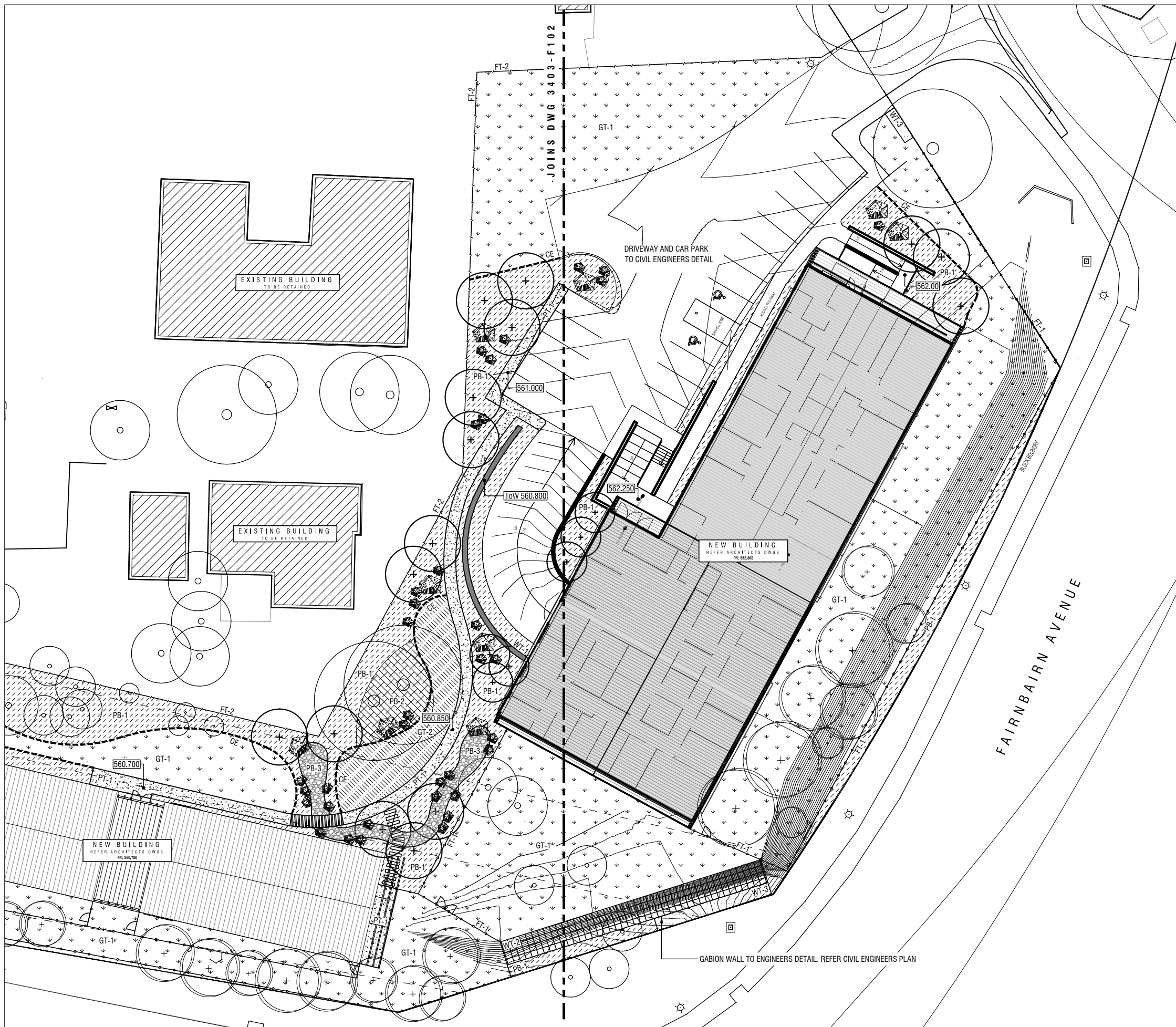

Deakin Chambers
14 Hannah Place
Deakin ACT 2600
Tel 02 6285 1955
dsb@dsbla.com.au





















Project
**BLOCK 16 SECTION 2
PIALLIGO, ACT**


Client
TURCO AND ASSOCIATES

Drawing Title SURFACES SET OUT & LEVELS AREA 2		
Scale 1:200 @ A1	Plot Date:	Sheet No. 3
Drg. No. 3403-F103 C		

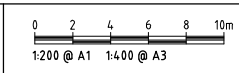


LEGEND - SURFACES

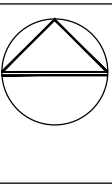
-  EXISTING TREES TO BE RETAINED & PROTECTED
-  UNSURVEYED EXISTING TREES TO BE RETAINED & PROTECTED WHERE POSSIBLE
- SOFTSCAPE**
Refer Detail Sheet F106 - Landscape Details
-  TREE PLANTING
Refer to Planting Plan
-  GT-1 GRASS TYPE 1 - NON-IRRIGATED GRASSING
-  GT-2 GRASS TYPE 2- IRRIGATED GRASS
Refer Grassing Notes / Detail
-  PB-1 PLANTING BED TYPE 1 - EXCAVATED PLANTING BED
-  PB-2 PLANTING BED TYPE 2 - UN-EXCAVATED PLANTING BED
Within Canopy of Existing Trees
-  PB-3 PLANTING BED TYPE 3 - DRY CREEK BED
'Dry Creek' Planting Bed Treatment
- HARDSCAPE**
Refer Detail Sheet F107 - Landscape Details
-  PT-1 PAVEMENT TYPE 1 - EXPOSED AGGREGATE CONCRETE
Sandstone colour oxide concrete
Bungendore Brown Gravel Aggregate
Joint Locations as Per Indicative Layout
-  CE 150mm WIDE CONCRETE EDGING
-  WT-1 WALL TYPE 1: RENDERED BLOCKWORK
To Engineers Detail
Finish: Off-White Render
-  WT-2 WALL TYPE 2: GABION WALL
To Engineers Detail
-  WT-3 WALL TYPE 3: GABION FEATURE
Refer to Detail
-  TIMBER PEDESTRIAN BOARDWALK
Refer to Detail
-  FT-1 FENCE TYPE 1: AGRICULTURAL STYLE FENCE
Refer to Detail
-  FT-2 FENCE TYPE 2: CHAIN LINK FENCE
Refer to Detail
-  ROCK BOULDERS
Rocks in various sizes from 300-800mm
-  STEPPING STONES
Refer to Detail

B A	DP DP	RH RH	DP DP		07/03/2018 13/10/2017	FOR NCA WORKS APPROVAL - EXISTING TREES ADDED FOR NCA WORKS APPROVAL
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE

NOTES
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (E.G. BRICKS, PAVERS) FOR SUPERINTENDENT'S APPROVAL PRIOR TO PLACING ORDERS.




Deakin Chambers
14 Hannah Place
Deakin ACT 2600
Tel 02 6285 1955
dsb@dsbla.com.au



Project
**BLOCK 16 SECTION 2
PIALLIGO, ACT**

Client
TURCO AND ASSOCIATES

Drawing Title SURFACES SET OUT & LEVELS AREA 2		
Scale 1:200 @ A1	Plot Date:	Sheet No. 3
Drg. No. 3403-F103 B		



LEGEND - PLANTING

- TREE PLANTING LOCATIONS
- MIX NATIVE & EXOTIC TALL SHRUBS (>1.0m)
- MIX NATIVE & EXOTIC SHRUBS & GRASSES (<1.0m)
- MIX NATIVE & EXOTIC GROUND COVERS

SPECIES LEGEND

CODE	BOTANICAL NAME	COMMON NAME	MIN. SIZE	NO.
TREE SPECIES				
ACp	<i>Acer rubrum</i> 'Bowhall'	Bowhall Red Maple	100L	
BTu	<i>Betula pendula</i>	Silver Birch	100L	
Ema	<i>Eucalyptus mannifera</i> 'Little Spotty'	Brittle Gum	100L	
PLo	<i>Platanus orientalis</i>	Oriental Plane Tree	100L	
Pyc	<i>Pyrus calleryana</i> 'Chanticleer'	Callery Pear	100L	

Trees shall be grown, containerised and supplied in accordance with NATSPEC Guide No.2 - Purchasing Landscape Trees - A Guide to Assessing Tree Quality

SHRUB SPECIES - MIX NATIVE & EXOTIC TALL (>1.0m)				
CAMs	<i>Camellia sasanqua</i>	Sasanqua Camellia	200mm	
CRA	<i>Correa Alba</i>	White Correa	200mm	
ESI	<i>Escallonia Iveyi</i>	Escallonia Iveyi	200mm	
MGg	<i>Magnolia grandiflora</i> 'Little Gem'	Southern Magnolia	200mm	
HBI	<i>Hebe speciosa</i> x <i>diosmifolia</i> 'Inspiration'	Hebe 'Inspiration'	200mm	
VBo	<i>Viburnum odoratissimum</i> 'Dense Fence'	Sweet Viburnum	200mm	

SHRUB SPECIES - MIX NATIVE & EXOTIC (<1.0m)				
CNe	<i>Convolvulus creorum</i>	Silver Bush	140mm	
ESp	<i>Escallonia 'Pink Pixie'</i>	Pink Pixie	140mm	
HBe	<i>Hebe 'Emerald Green'</i>	Emerald Green Hebe	140mm	
HEr	<i>Heuchera sanguinea</i> 'Rave On'	Coral Bells	140mm	
HLp	<i>Helichrysum petiolare</i>	Licorice Plant	140mm	
LVM	<i>Lavandula 'Munstead'</i>	Dwarf Lavender	140mm	
WEI	<i>Westringia 'Blue Gem'</i>	Coastal Rosemary	140mm	

GRASS / STRAPPY SPECIES - MIX NATIVE & EXOTIC (>0.7m)				
DLT	<i>Dianella tasmanica</i>	Tasman Flax Lily	140mm/*	
DTg	<i>Dietes grandiflora</i>	Dietes	140mm/*	
Fin	<i>Ficinia nodosa</i>	Knobby Club Rush	140mm/*	
LDip	<i>Lomandra 'Little Pal'</i>	Lomandra 'Little Pal'	140mm/*	

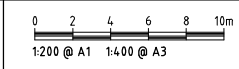
GRASS / STRAPPY SPECIES - MIX NATIVE & EXOTIC (<0.7m)				
DTi	<i>Dietes iridioides</i>	Dietes	140mm	
DLcb	<i>Dianella 'Cassa Blue'</i>	Flax Lily	140mm	
DLr	<i>Dianella 'Little Rev'</i>	Flax Lily	140mm	
FEg	<i>Festuca glauca</i>	Blue Fescue	140mm	
LDic	<i>Lomandra 'Little Con'</i>	Lomandra 'Little Con'	140mm/*	
LPm	<i>Liriope muscari</i> 'Evergreen Giant'	Liriope 'Evergreen Giant'	140mm/*	
LPs	<i>Liriope 'Samantha'</i>	Lilyturf	140mm	

GROUND COVER SPECIES				
CMt	<i>Cerastium tomentosum</i>	Snow in Summer	140mm	
CVs	<i>Convolvulus sabatius</i>	Ground Morning Glory	140mm	
MYp	<i>Myoporum parvifolium</i>	Creeping boobialla	140mm	
PXs	<i>Phlox subulata</i>	Moss phlox	140mm	
TRj	<i>Trachelospermum jasminoides</i>	Star Jasmine	140mm	
Wlh	<i>Westringia fruticosa</i> 'Low Horizon'	Coastal Rosemary	140mm	

*Envirotubes to be used in Un-Excavated Planting Bed zones under existing, protected trees.

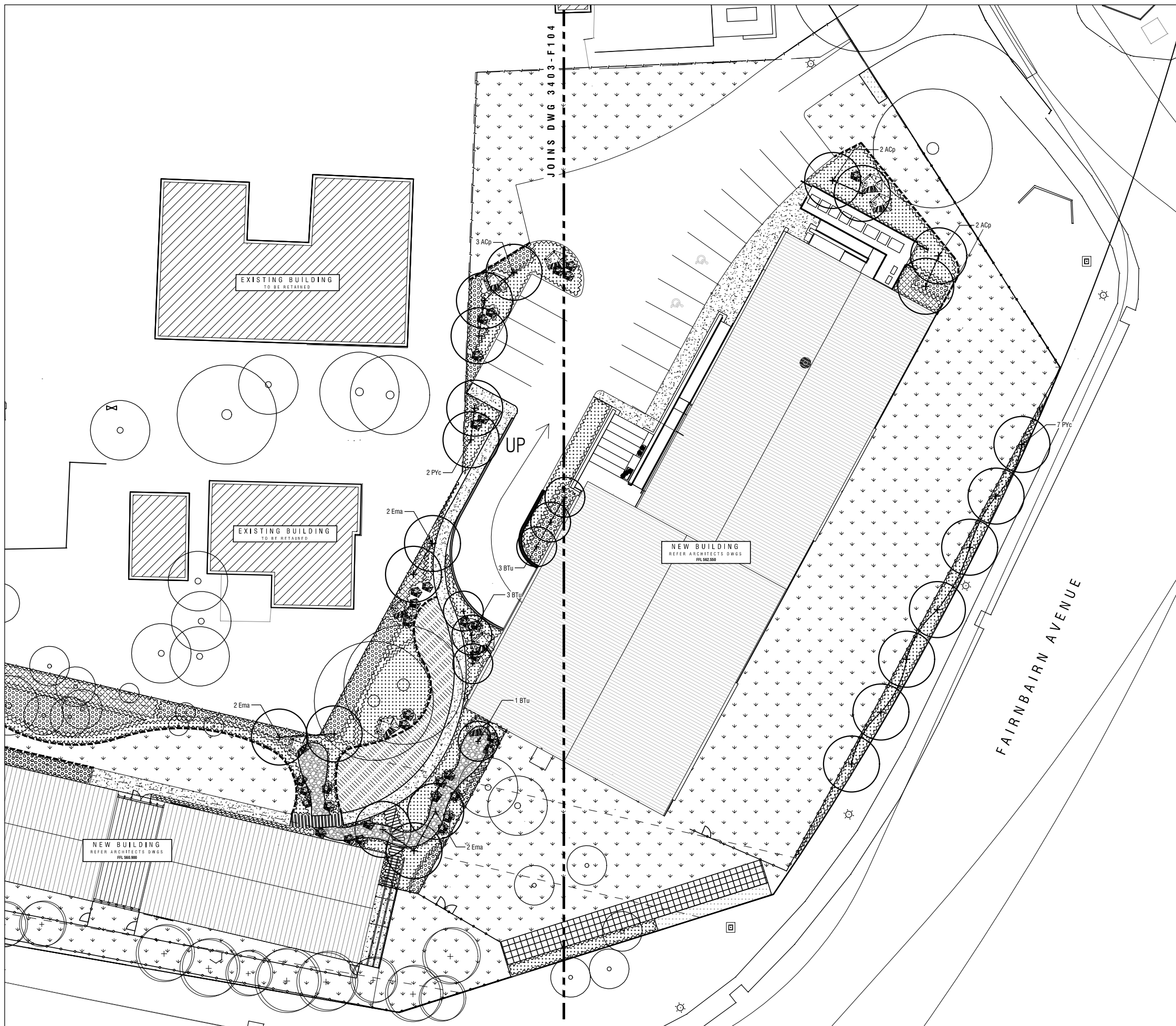
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE
B A	DP	RH	DP		11/02/2019	FOR NCA WORKS APPROVAL
	DP	RH	DP		13/10/2017	FOR NCA WORKS APPROVAL

NOTES
 DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
 DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
 USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
 CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
 PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (E.G. BRICKS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.



Deakin Chambers
 14 Hannah Place
 Deakin ACT 2600
 Tel 02 6285 1955
 dsb@dsbla.com.au

Project BLOCK 16 SECTION 2 PIALLIGO, ACT		Drawing Title PLANTING PLAN AREA 1	
Client TURCO AND ASSOCIATES	Scale 1:200 @ A1	Plot Date:	Sheet No. 4
		Dwg. No. 3403-F104 B	



LEGEND - PLANTING

- TREE PLANTING LOCATIONS
- MIX NATIVE & EXOTIC TALL SHRUBS (>1.0m)
- MIX NATIVE & EXOTIC SHRUBS & GRASSES (<1.0m)
- MIX NATIVE & EXOTIC GROUND COVERS

SPECIES LEGEND

CODE	BOTANICAL NAME	COMMON NAME	MIN. SIZE	NO.
TREE SPECIES				
ACp	<i>Acer rubrum</i> 'Bowhall'	Bowhall Red Maple	100L	
BTu	<i>Betula pendula</i>	Silver Birch	100L	
Ema	<i>Eucalyptus mannifera</i> 'Little Spotty'	Brittle Gum	100L	
PLo	<i>Platanus orientalis</i>	Oriental Plane Tree	100L	
PYc	<i>Pyrus calleryana</i> 'Chanticleer'	Callery Pear	100L	

Trees shall be grown, containerised and supplied in accordance with NATSPEC Guide No.2 - Purchasing Landscape Trees - A Guide to Assessing Tree Quality

SHRUB SPECIES - MIX NATIVE & EXOTIC TALL (>1.0m)

CAMs	<i>Camellia sasanqua</i>	Sasanqua Camellia	200mm	
CRA	<i>Correa Alba</i>	White Correa	200mm	
ESI	<i>Escallonia lveyi</i>	Escallonia lveyi	200mm	
MGg	<i>Magnolia grandiflora</i> 'Little Gem'	Southern Magnolia	200mm	
HBI	<i>Hebe speciosa</i> x <i>diosmifolia</i> 'Inspiration'	Hebe 'Inspiration'	200mm	
VBo	<i>Viburnum odoratissimum</i> 'Dense Fence'	Sweet Viburnum	200mm	

SHRUB SPECIES - MIX NATIVE & EXOTIC (<1.0m)

CNe	<i>Convolvulus creorum</i>	Silver Bush	140mm	
ESp	<i>Escallonia</i> 'Pink Pixie'	Pink Pixie	140mm	
HBe	<i>Hebe</i> 'Emerald Green'	Emerald Green Hebe	140mm	
HEr	<i>Heuchera sanguinea</i> 'Rave On'	Coral Bells	140mm	
HLp	<i>Helichrysum petiolare</i>	Licorice Plant	140mm	
LVm	<i>Lavandula</i> 'Munstead'	Dwarf Lavender	140mm	
WEI	<i>Westringia</i> 'Blue Gem'	Coastal Rosemary	140mm	

GRASS / STRAPPY SPECIES - MIX NATIVE & EXOTIC (>0.7m)

DLT	<i>Dianella tasmanica</i>	Tasman Flax Lily	140mm/*	
DTg	<i>Dietes grandiflora</i>	Dietes	140mm/*	
Fin	<i>Ficinia nodosa</i>	Knobby Club Rush	140mm/*	
LDip	<i>Lomandra</i> 'Little Pal'	Lomandra 'Little Pal'	140mm/*	

GRASS / STRAPPY SPECIES - MIX NATIVE & EXOTIC (<0.7m)

DTi	<i>Dietes iridioides</i>	Dietes	140mm	
DLcb	<i>Dianella</i> 'Cassa Blue'	Flax Lily	140mm	
DLr	<i>Dianella</i> 'Little Rev'	Flax Lily	140mm	
FEg	<i>Festuca glauca</i>	Blue Fescue	140mm	
LDic	<i>Lomandra</i> 'Little Con'	Lomandra 'Little Con'	140mm/*	
LPm	<i>Liriope muscari</i> 'Evergreen Giant'	Liriope 'Evergreen Giant'	140mm/*	
LPs	<i>Liriope</i> 'Samantha'	Lilyturf	140mm	

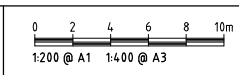
GROUND COVER SPECIES

CMt	<i>Cerastium tomentosum</i>	Snow in Summer	140mm	
CVs	<i>Convolvulus sabatius</i>	Ground Morning Glory	140mm	
MYp	<i>Myoporum parvifolium</i>	Creeping boobialla	140mm	
PXs	<i>Phlox subulata</i>	Moss phlox	140mm	
TRj	<i>Trachelospermum jasminoides</i>	Star Jasmine	140mm	
Wh	<i>Westringia fruticosa</i> 'Low Horizon'	Coastal Rosemary	140mm	

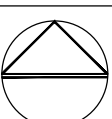
*Envirotubes to be used in Un-Excavated Planting Bed zones under existing, protected trees.

NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE
C	DP	RH	DP		11/02/2018	FOR NCA WORKS APPROVAL
B	DP	RH	DP		04/05/2018	FOR NCA WORKS APPROVAL - ADDITIONAL TREES
A	DP	RH	DP		13/10/2017	FOR NCA WORKS APPROVAL

NOTES
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (SILICONS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.

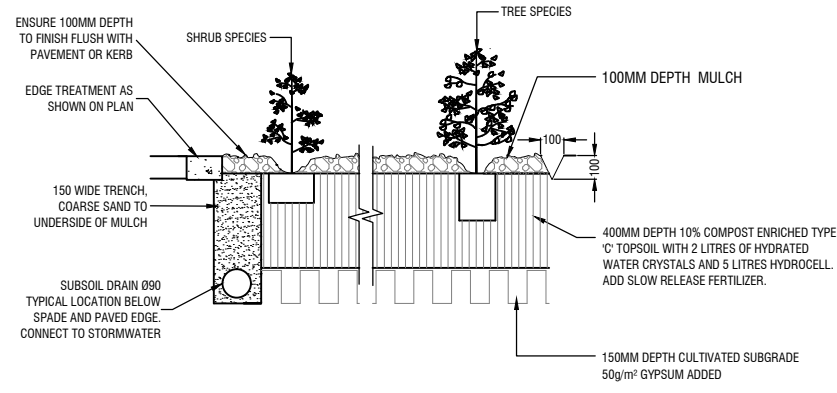


Deakin Chambers
14 Hannah Place
Deakin ACT 2600
Tel 02 6285 1955
dsb@dsbla.com.au



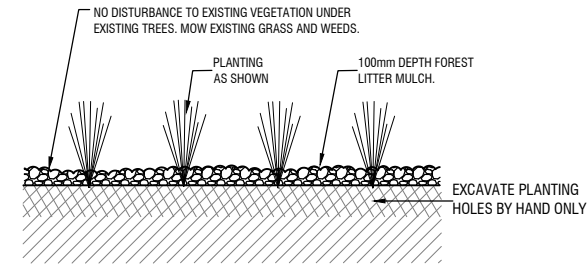
Project	BLOCK 16 SECTION 2 PIALLIGO, ACT	
Client	TURCO AND ASSOCIATES	

Drawing Title	PLANTING PLAN AREA 2	
Scale	1:200 @ A1	Plot Date:
Drg. No.	3403-F105 C	Sheet No.
		5



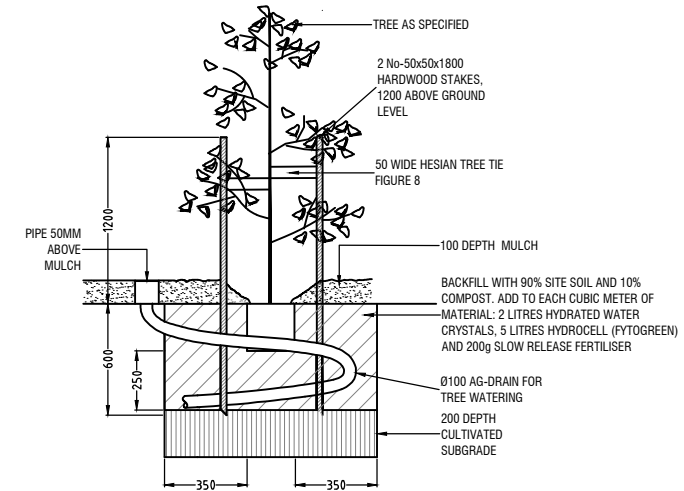
PB-1 EXCAVATED PLANTING BED

N.T.S. SECTION



PB-2: UNEXCAVATED PLANTING BED

N.T.S. SECTION



TREE PLANTING IN EXCAVATED PLANTING BED

N.T.S. SECTION

CARRY OUT GRASSING WHERE SHOWN ON PLANS IN ACCORDANCE WITH ACT GOVERNMENT 'SPECIFICATION FOR URBAN INFRASTRUCTURE WORKS' (ISSUE 1 REVISION 0, 2002)

USE SEED MIXTURES AS FOLLOWS.

SEED MIXTURE FOR NON IRRIGATED GRASS

MIX A. 'DWARF' TYPE TALL FESCUE SUMMER DRYLAND GRASS MIXTURE (SOWING PERIOD FROM SEPT TO FEB)

	PERCENT BY WEIGHT	SOWING RATE KG/HA
'DWARF' TYPE TALL FESCUE	55	155
FINE LEAF PERENNIAL RYEGRASS	15	40
CREeping RED FESCUE	15	40
WHITE CLOVER	5	15
COUCHGRASS (HULLED)	10	30
TOTAL	280	

MIX B. 'DWARF' TYPE TALL FESCUE WINTER DRYLAND GRASS MIXTURE (SOWING PERIOD FROM MAR TO AUG)

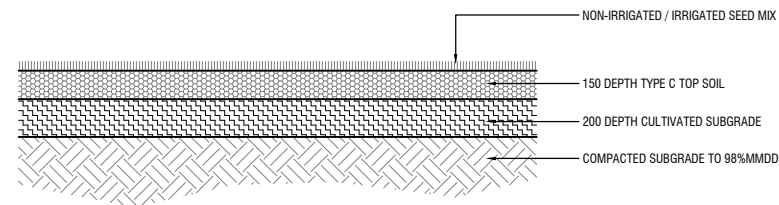
	PERCENT BY WEIGHT	SOWING RATE KG/HA
'DWARF' TYPE TALL FESCUE	62	155
FINE LEAF PERENNIAL RYEGRASS	16	40
CREeping RED FESCUE	16	40
WHITE CLOVER	6	15
TOTAL	250	

SEED MIXTURE FOR IRRIGATED GRASS

	PERCENT BY WEIGHT	SOWING RATE KG/HA
TALL FESCUE	71	180
KENTUCKY BLUE GRASS	24	60
O'CONNOR'S STRAWBERRY CLOVER	5	15
TOTAL	255	

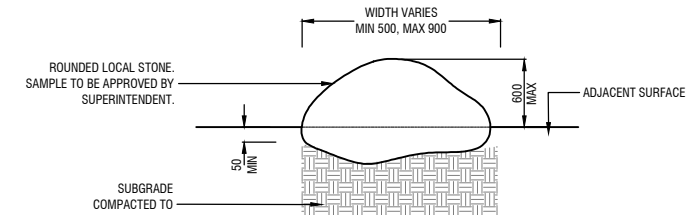
GRASSING NOTES

N.T.S. SECTION



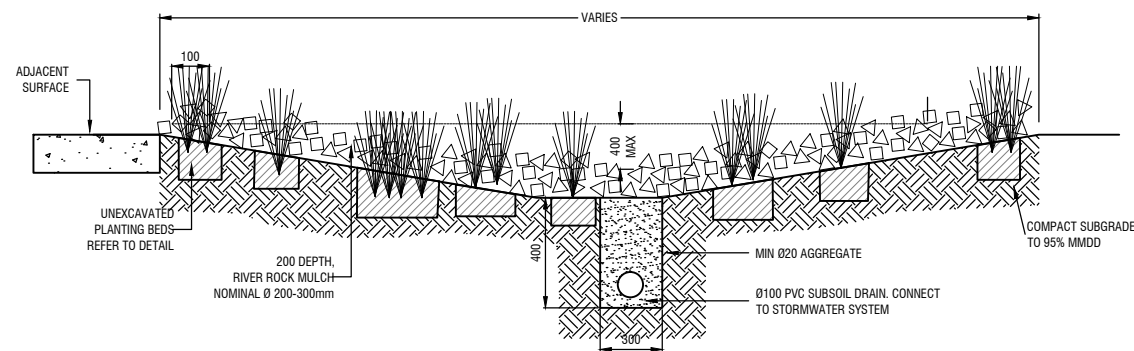
TYPICAL GRASSING DETAIL

N.T.S. SECTION



BOULDER PLACEMENT - TYPICAL

N.T.S. SECTION/ELEVATION



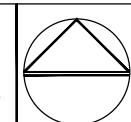
PB-3: DRY CREEK BED

N.T.S. SECTION

NOTES
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (E.G. BRICKS, PAVERS) FOR SUPERINTENDENT'S APPROVAL PRIOR TO PLACING ORDERS.

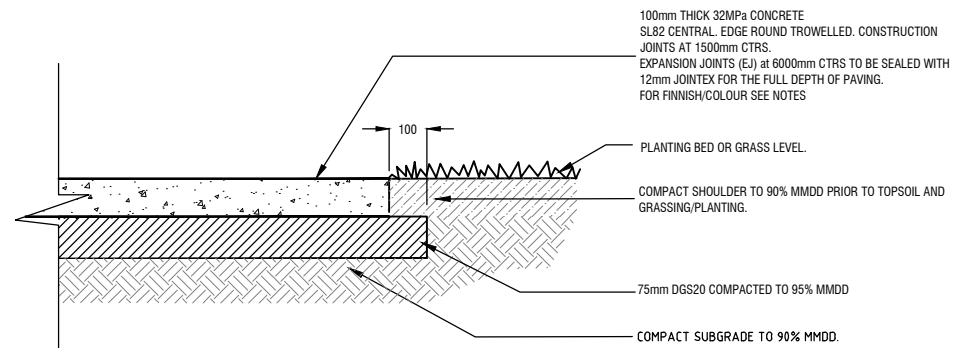
A	DP	RH	DP	13/10/2017	FOR NCA WORKS APPROVAL	
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE

dsb
Landscape Architects
Deakin Chambers
14 Flannah Place
Deakin ACT 2600
Tel 02 6285 1555
dsb@dsbia.com.au



Project
**BLOCK 16 SECTION 2
PIALLIGO, ACT**
Client
TURCO AND ASSOCIATES

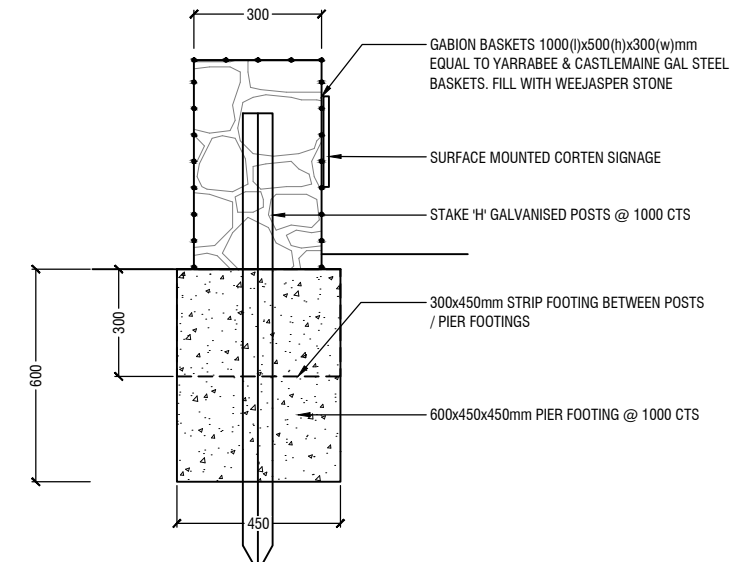
Drawing Title LANDSCAPE DETAILS SOFTSCAPE		
Scale AS SHOWN @ A1	Plot Date	Sheet No. 6
Drg. No. 3403-F106 A		



- NOTES:
1. FOOTPATH EJS TO BE LOCATED ADJACENT TO ALL STRUCTURES, SERVICE PITS, KERBS JOINTS AND CROSSINGS, ELSEWHERE AT 6m CENTRES (UNLESS OTHERWISE SPECIFIED OR DIRECTED)
 2. WEAKEND PLANE JOINTS (WJ) TO BE 3mm WIDE AND TO 1/4 OF DEPTH OF PAVING. SPACING OF WJS IS TO APPROXIMATE THE WIDTH OF PATH.
 3. CONSTRUCTION JOINTS (CJ) TO BE PROVIDED AGAINST EXISTING CONCRETE CONSTRUCTION EXCEPT WHERE EJ IS SPECIFIED.
 4. AVOID JOINT PATTERNS THAT RESULT IN ACUTE ANGLED SECTIONS.
 5. ALL PAVING TO BE CURED CONTINUOUSLY FOR 3 DAYS.

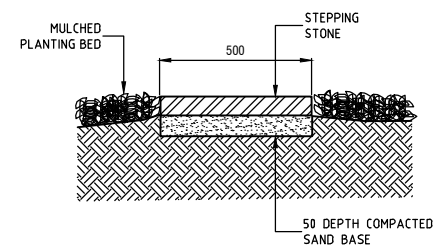
PT-1 CONCRETE PAVEMENT - ON GROUND

N.T.S. SECTION



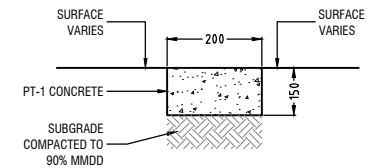
WT-3: LOW GABION FEATURE WALL

N.T.S. SECTION



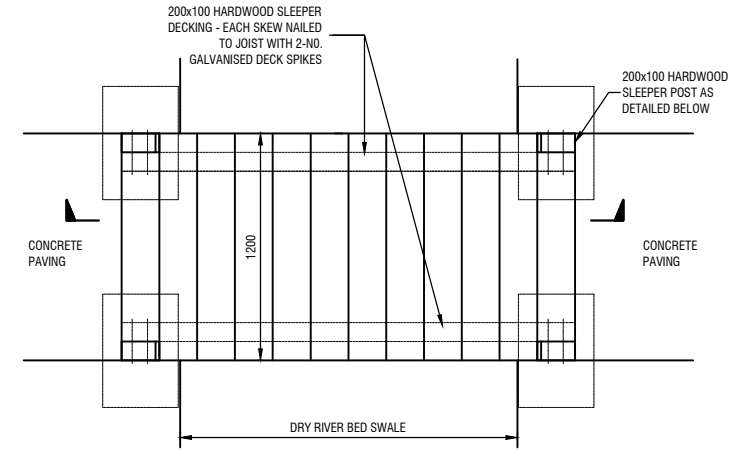
STEPPING STONE

N.T.S.

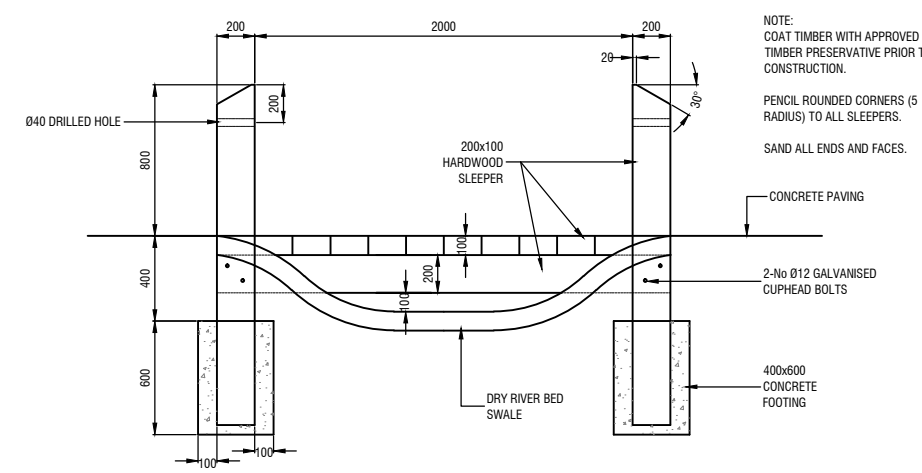


CONCRETE EDGE

N.T.S. SECTION



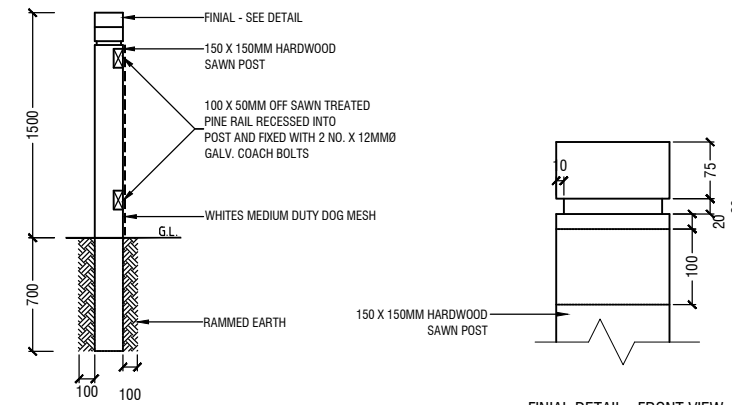
PLAN



SECTION

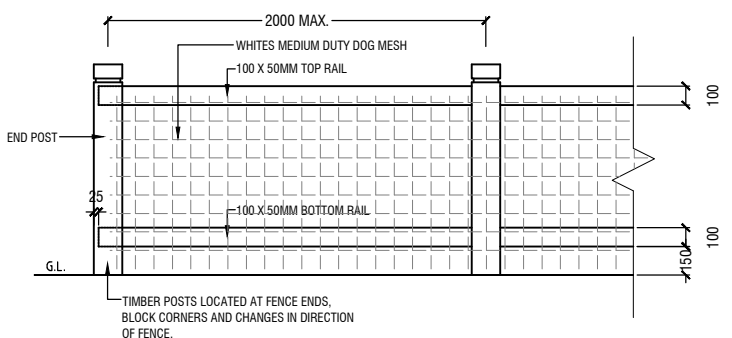
TIMBER PEDESTRIAN BOARDWALK

N.T.S.



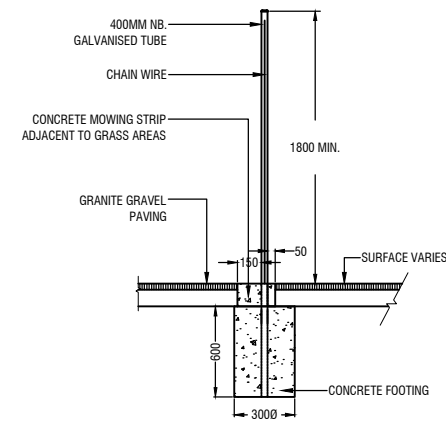
TYPICAL SECTION THROUGH TIMBER POST

FINIAL DETAIL - FRONT VIEW



FT-1 AGRICULTURAL FENCE - POST AND RAIL FENCE WITH DOG MESH

N.T.S.



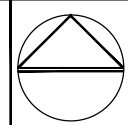
FT-2 CHAIN LINK FENCE

N.T.S.

NOTES
DRAWINGS TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
USE FIGURED DIMENSIONS - DO NOT SCALE FROM DRAWING.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK OR MAKING ANY SHOP DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE SUPERINTENDENT.
PROVIDE SAMPLES OF ANY SPECIFIED OR PREFERRED MATERIALS OR FINISHES (E.G. BRICKS, PAVERS) FOR SUPERINTENDENTS APPROVAL PRIOR TO PLACING ORDERS.

A	DP	RH	DP	13/10/2017	FOR NCA WORKS APPROVAL	
NO.	DESIGN	DRAWN	CHECKED	VERD	DATE	AMENDMENT / ISSUE

dsb
Landscape Architects
Deakin Chambers
14 Flannah Place
Deakin ACT 2600
Tel 02 6285 1555
dsb@dsbia.com.au



Project
**BLOCK 16 SECTION 2
PIALLIGO, ACT**
Client
TURCO AND ASSOCIATES

Drawing Title LANDSCAPE DETAILS HARDSCAPE		Scale AS SHOWN @ A1	Plot Date	Sheet No. 7
Drg. No. 3403-F107 A				