

BRISCOE HOTEL GROUP
 ALTERATIONS & ADDITIONS TO OVERLANDER HOTEL
 180 RICHMOND ROAD
 CAMBRIDGE GARDENS



NW VIEW

#(REV) LAYOUT	DRAWING	#(REV) LAYOUT	DRAWING
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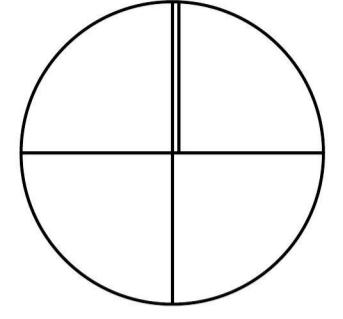


status

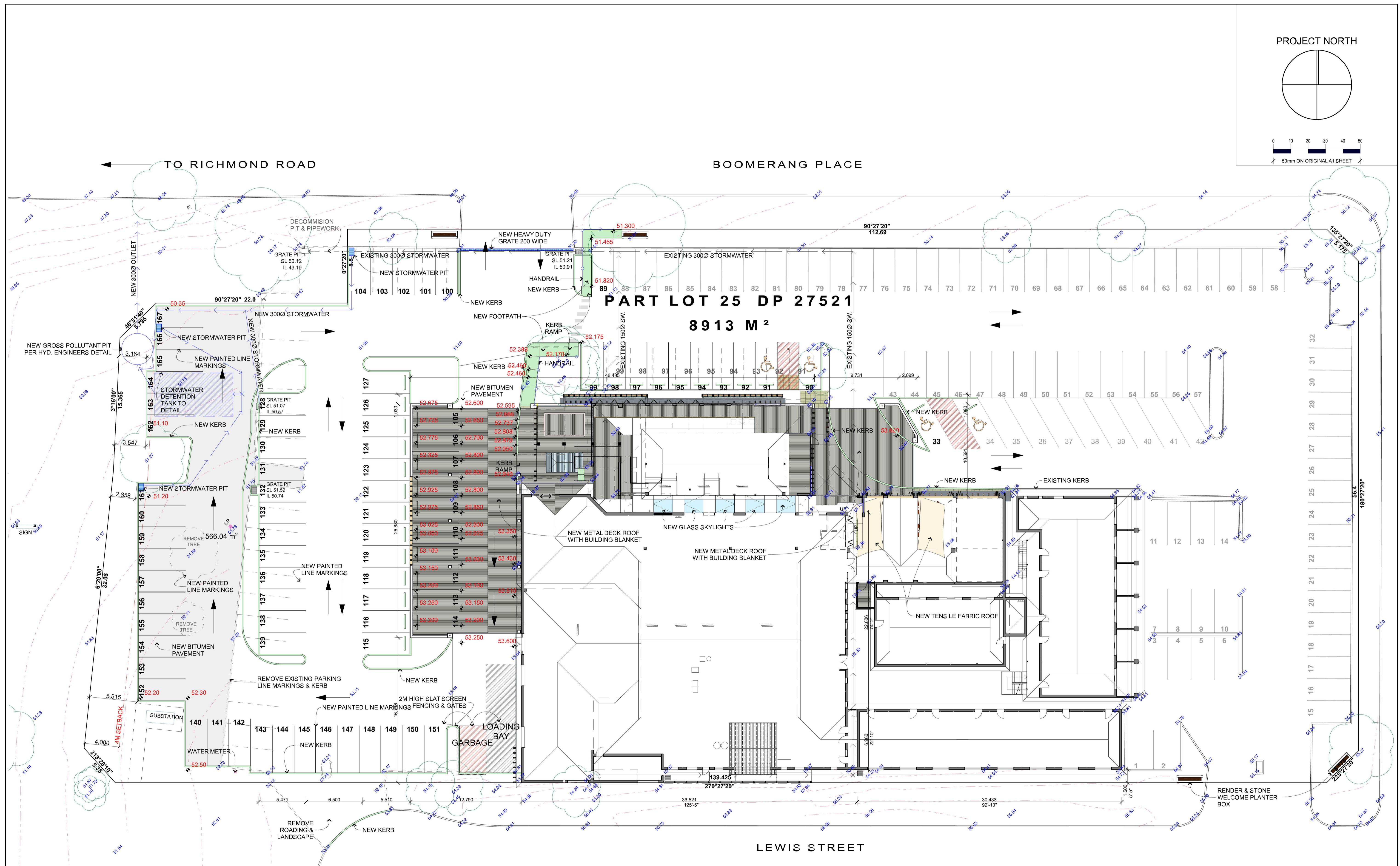
DA 2016

plot date: 27/06/2016

PROJECT NORTH



0 10 20 30 40 50
50mm ON ORIGINAL A1 SHEET



1

issue	ID	date	revision	description
02-WP	R.1	Work in Progress	24-E201	

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status: DA 2016

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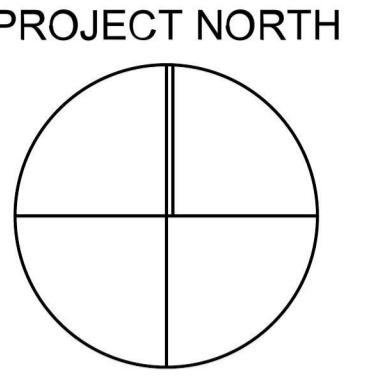
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client

BRISCOE HOTEL GROUP

project name
**ALTERATIONS & ADDITIONS
TO OVERLANDER HOTEL**
180 RICHMOND ROAD
CAMBRIDGE GARDENS

SITE PLAN
project no: 1025 drawing (issue) #: 1.1(02)
checked by: SW plot date: 27/06/2016



TRAFFIC PLAN

1:200

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project name

ALTERATIONS & ADDITIONS

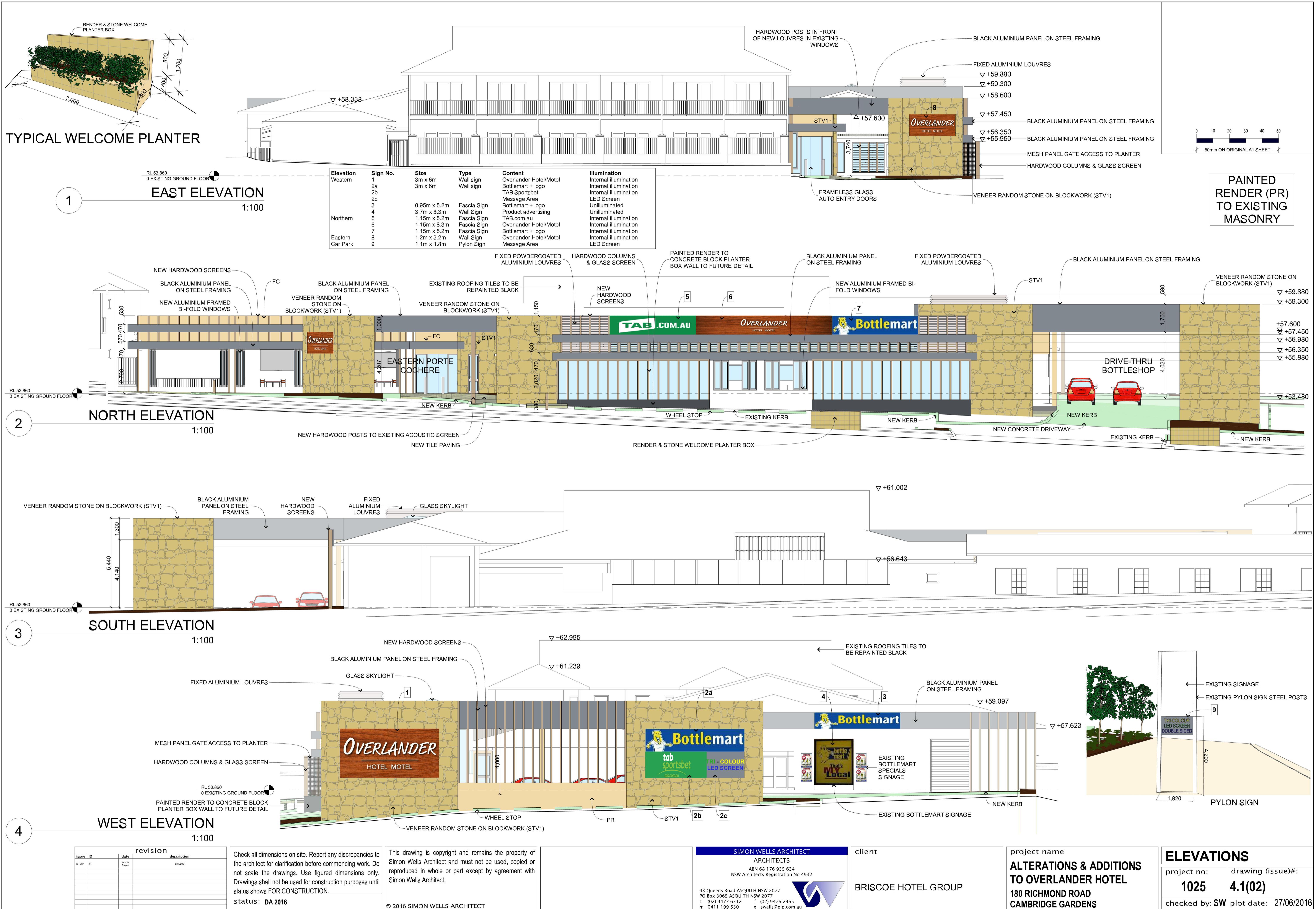
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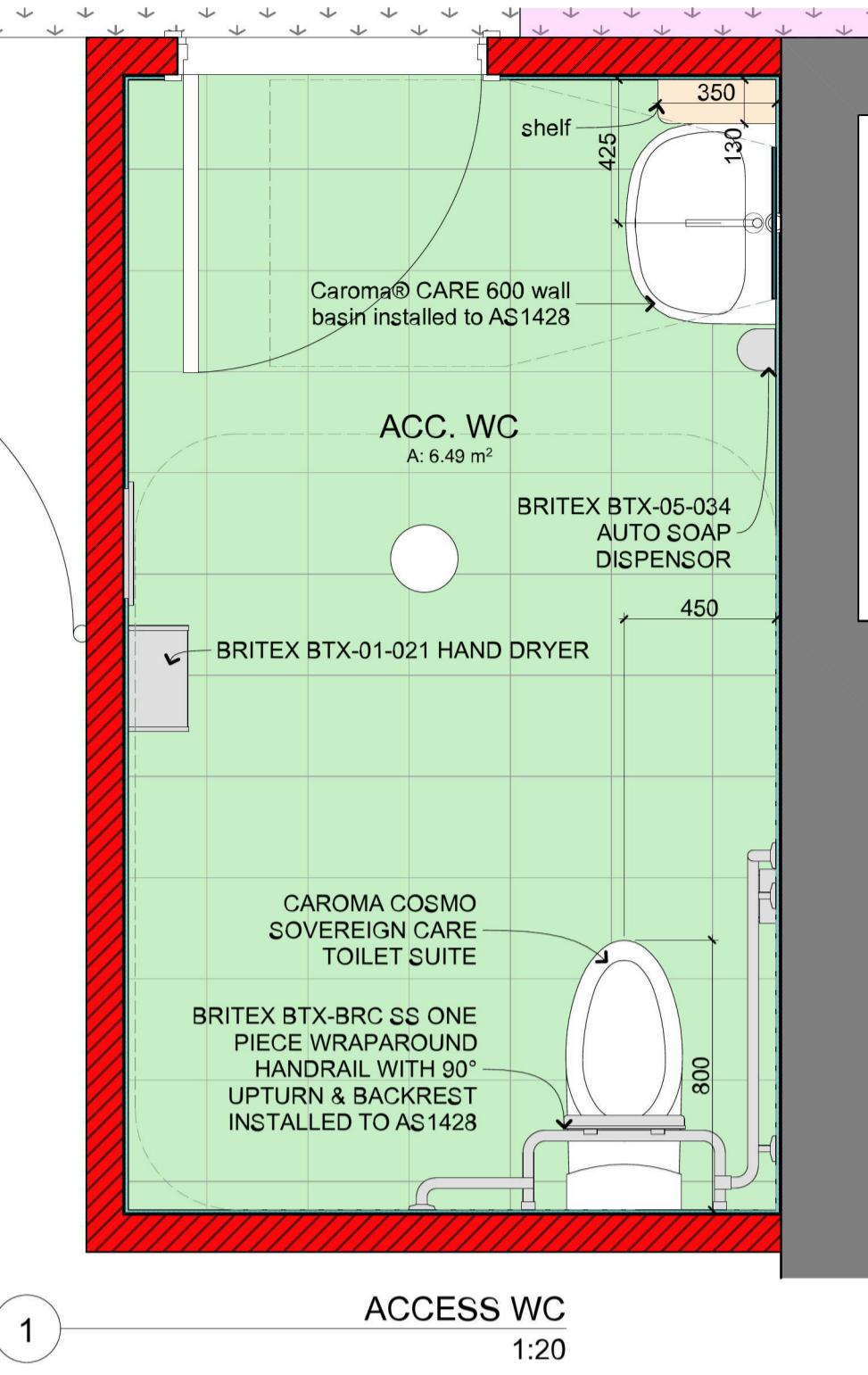
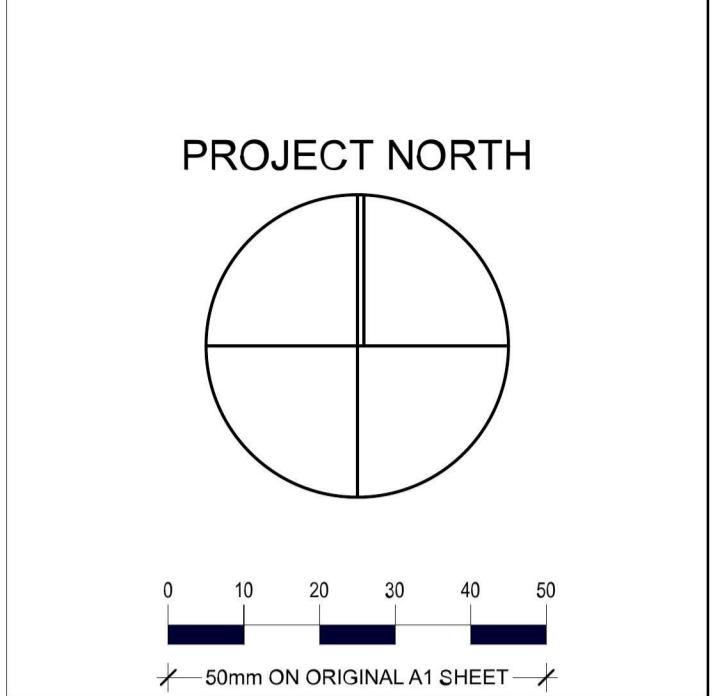
180 RICHMOND ROAD

CAMBRIDGE GARDENS

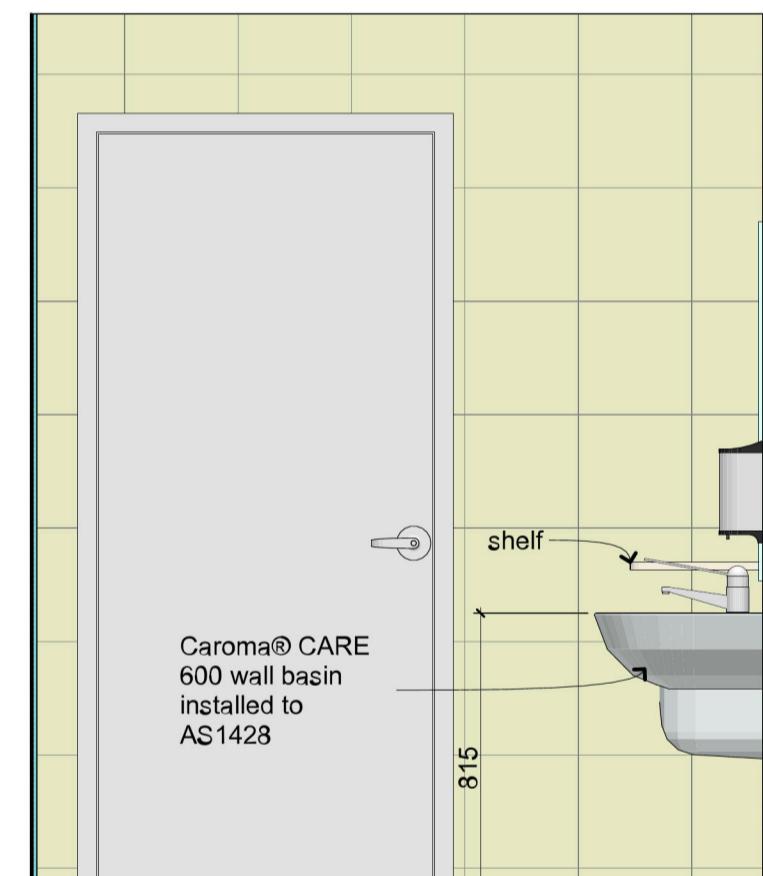
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project no:	drawing (issue)#:
1025	1.2(02)
checked by: SW	plot date: 27/06/2016

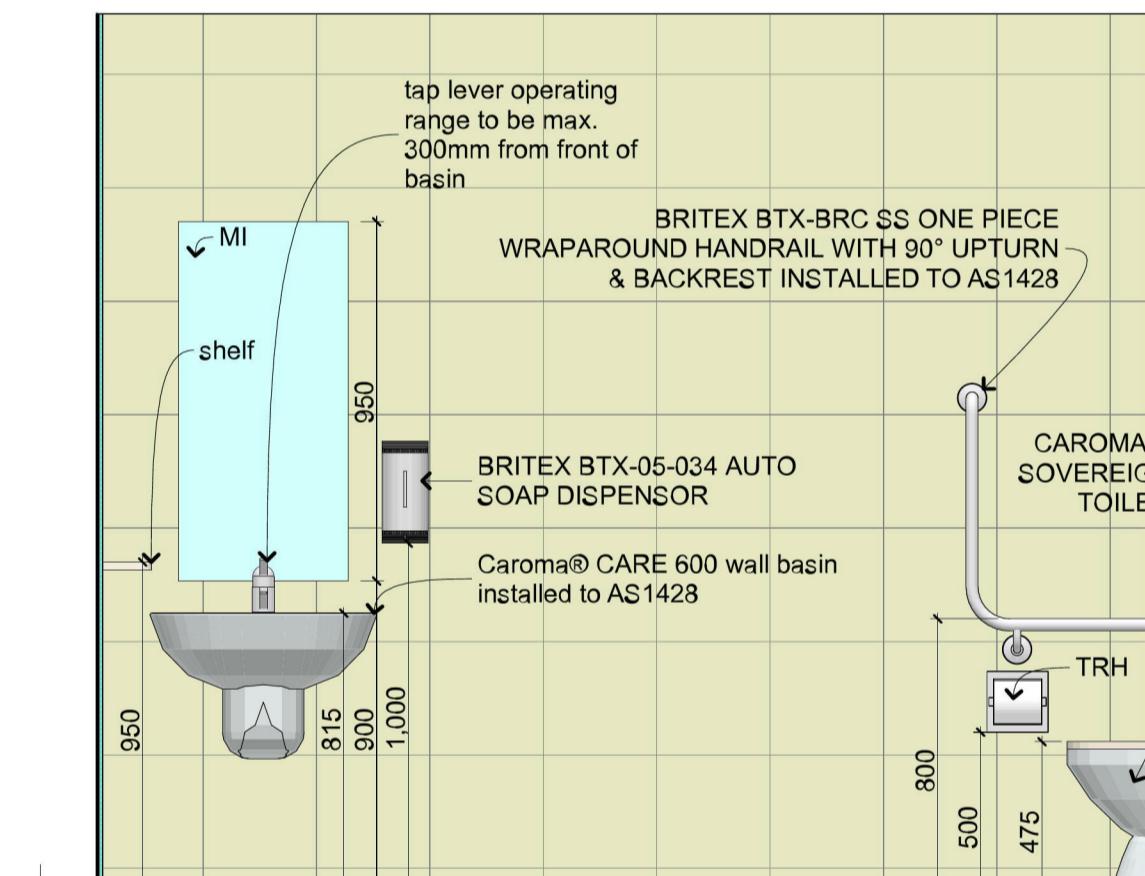




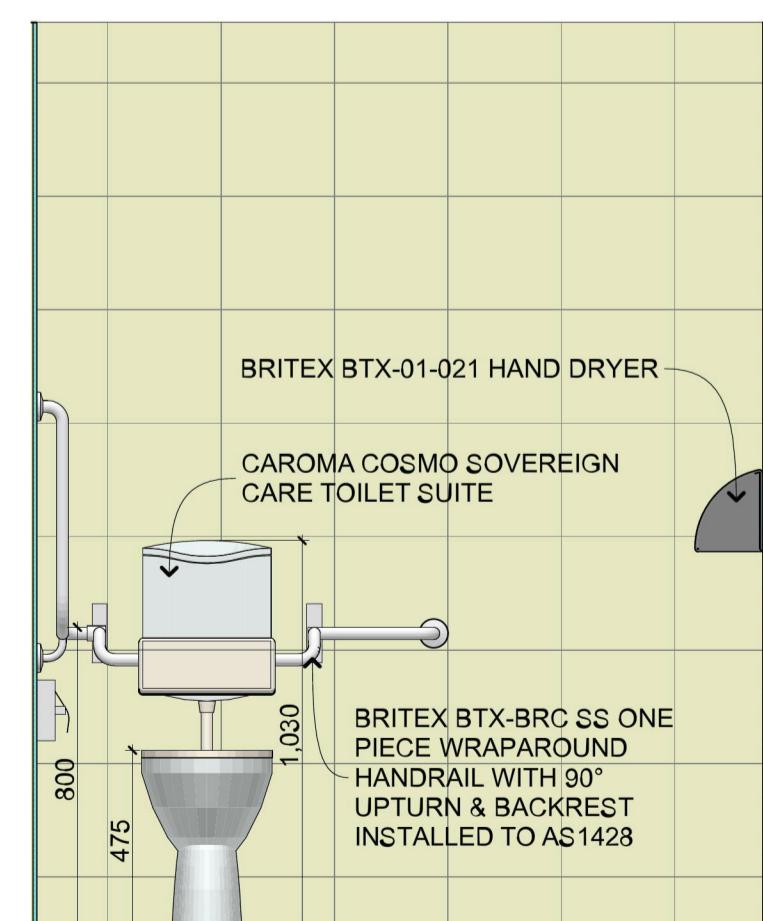
1 ACCESS WC 1:20



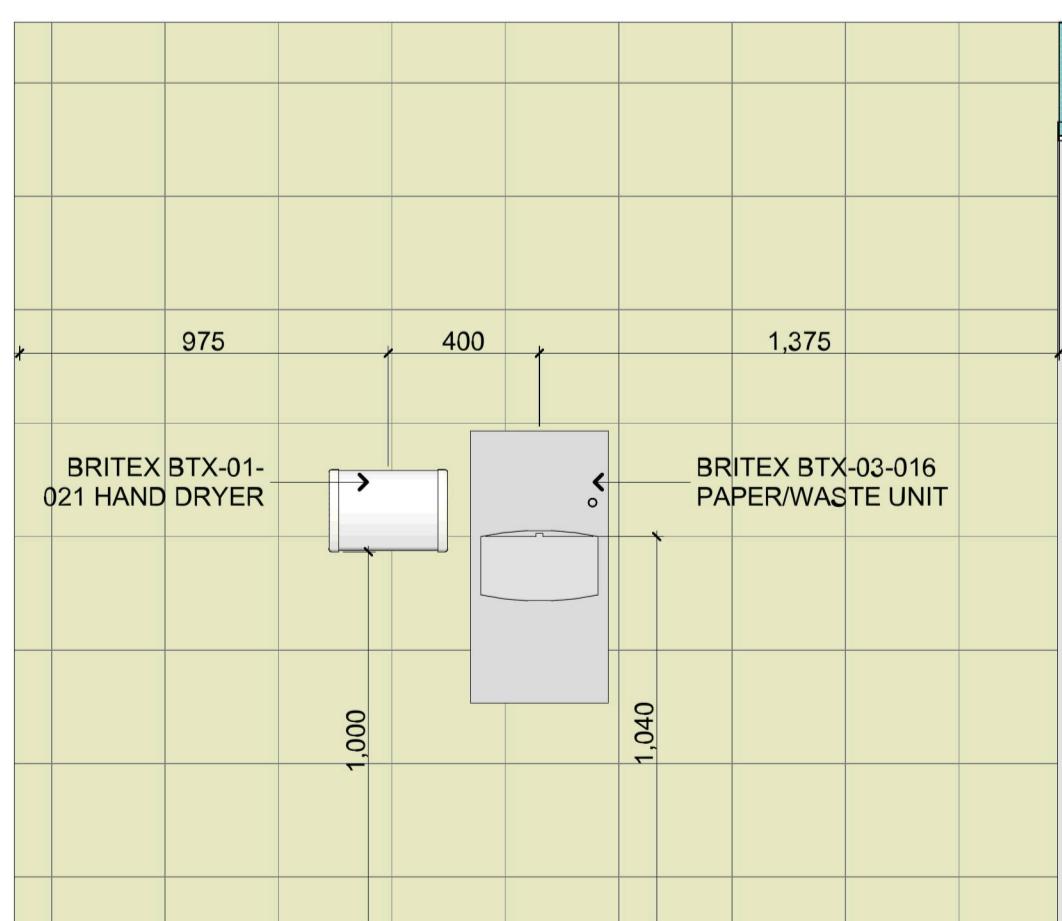
2 ACC. WC North 1:20



3 ACC. WC East 1:20



4 ACC. WC South 1:20



5 ACC. WC West 1:20

revision			
Issue	ID	date	description
0	WP	8.1	Work in Progress
			DA ISSUE

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status: DA 2016

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project name
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TO OVERLANDER HOTEL
180 RICHMOND ROAD CAMBRIDGE
GARDENS**

ACCESS TOILET

project no: 1025 drawing (issue)#:

8.1(02)

checked by: SW plot date: 18/07/2016



NE VIEW

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ALTERATIONS & ADDITIONS
TO OVERLANDER HOTEL



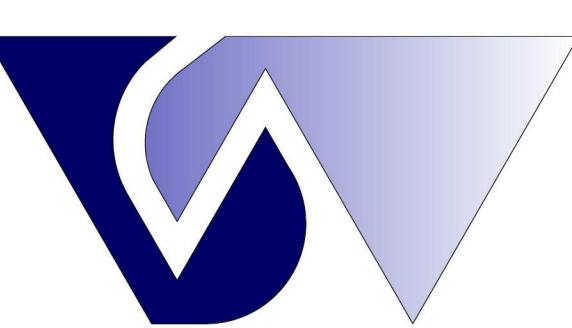


NW VIEW

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ALTERATIONS & ADDITIONS
TO OVERLANDER HOTEL





SW VIEW

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ALTERATIONS & ADDITIONS
TO OVERLANDER HOTEL





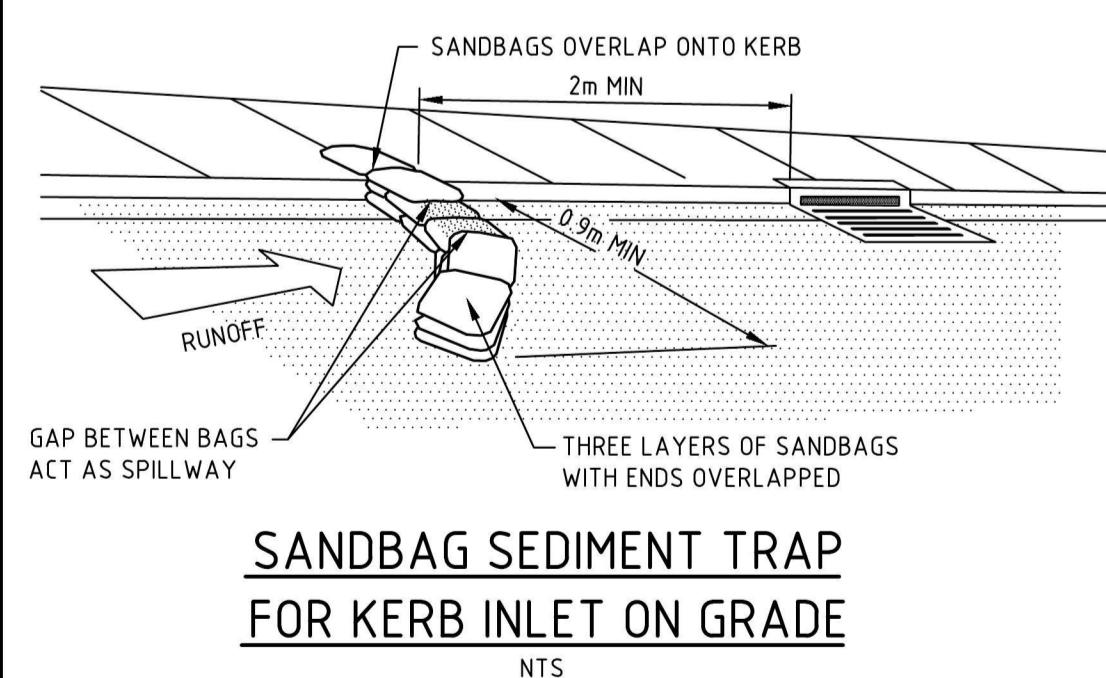
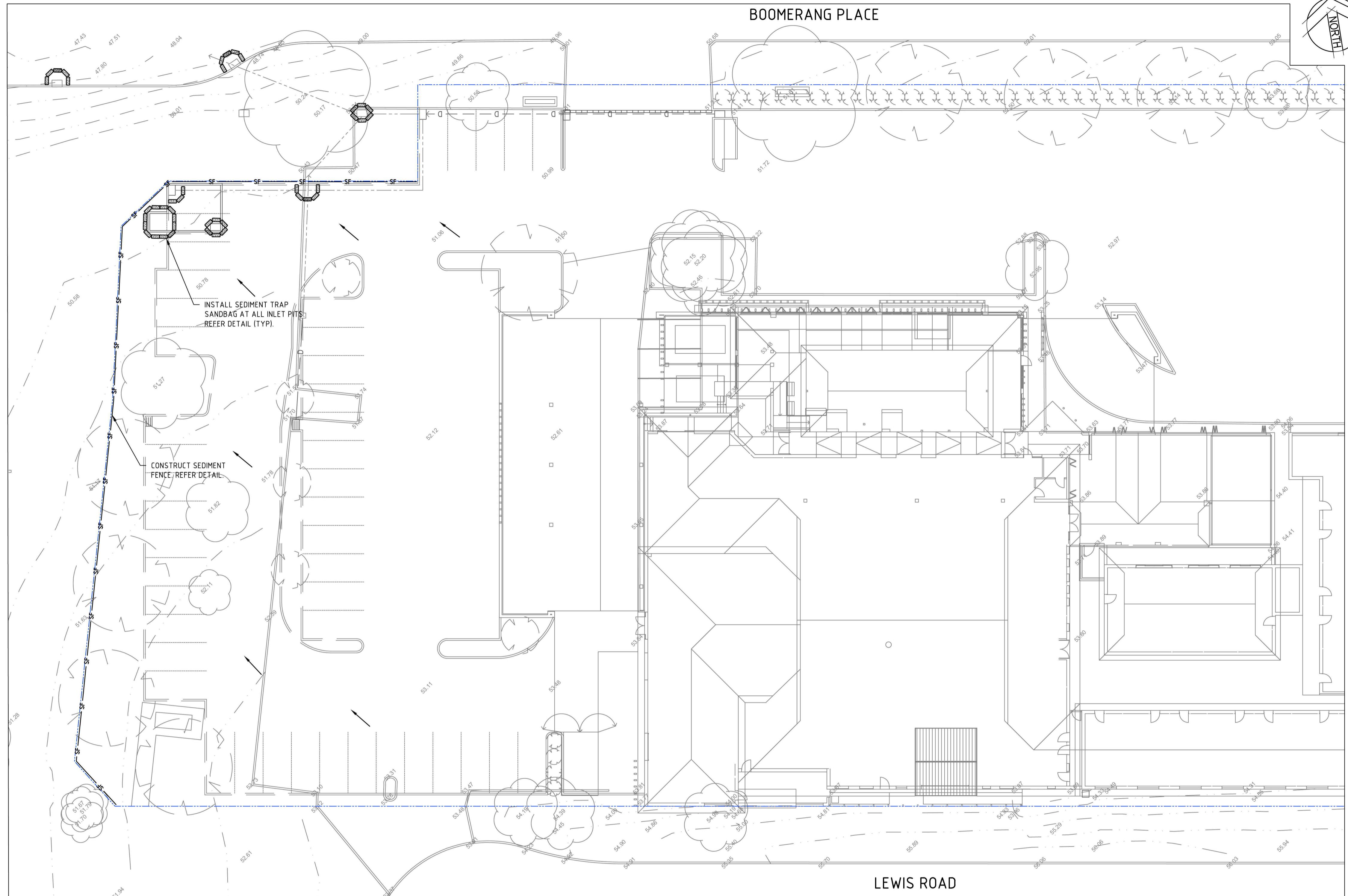
WEST PERSPECTIVE

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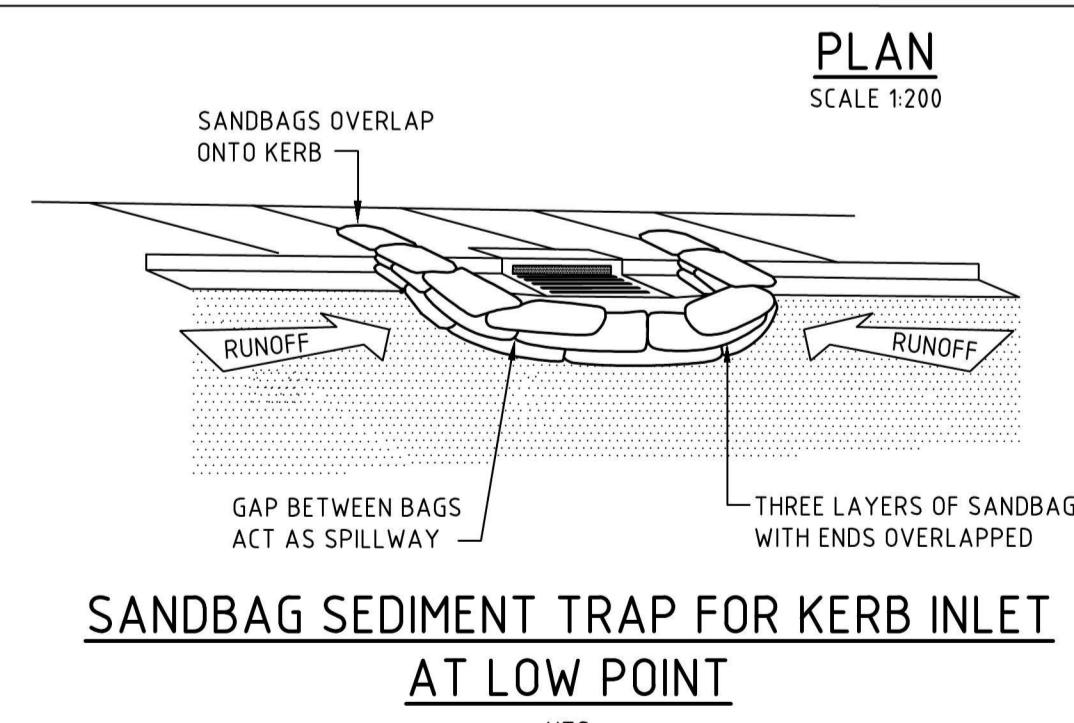
ALTERATIONS & ADDITIONS
TO OVERLANDER HOTEL



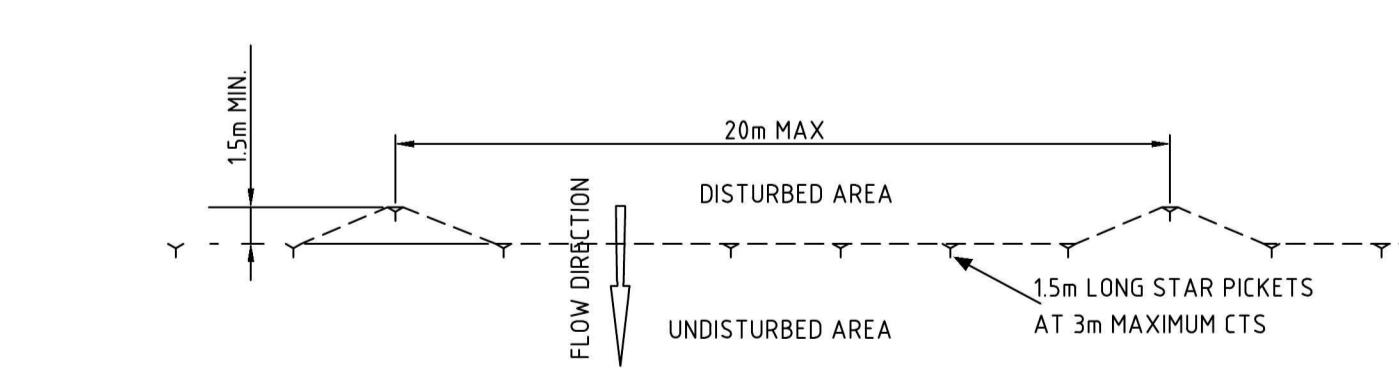


**SANDBAG SEDIMENT TRAP
FOR KERB INLET ON GRADE**

Rev.	Date	ISSUED FOR DA	AE	RA	RL
1	18/07/2016	DRAFT DA ISSUE	AE	RA	RL
		Description	Des.	Verif.	Appd.



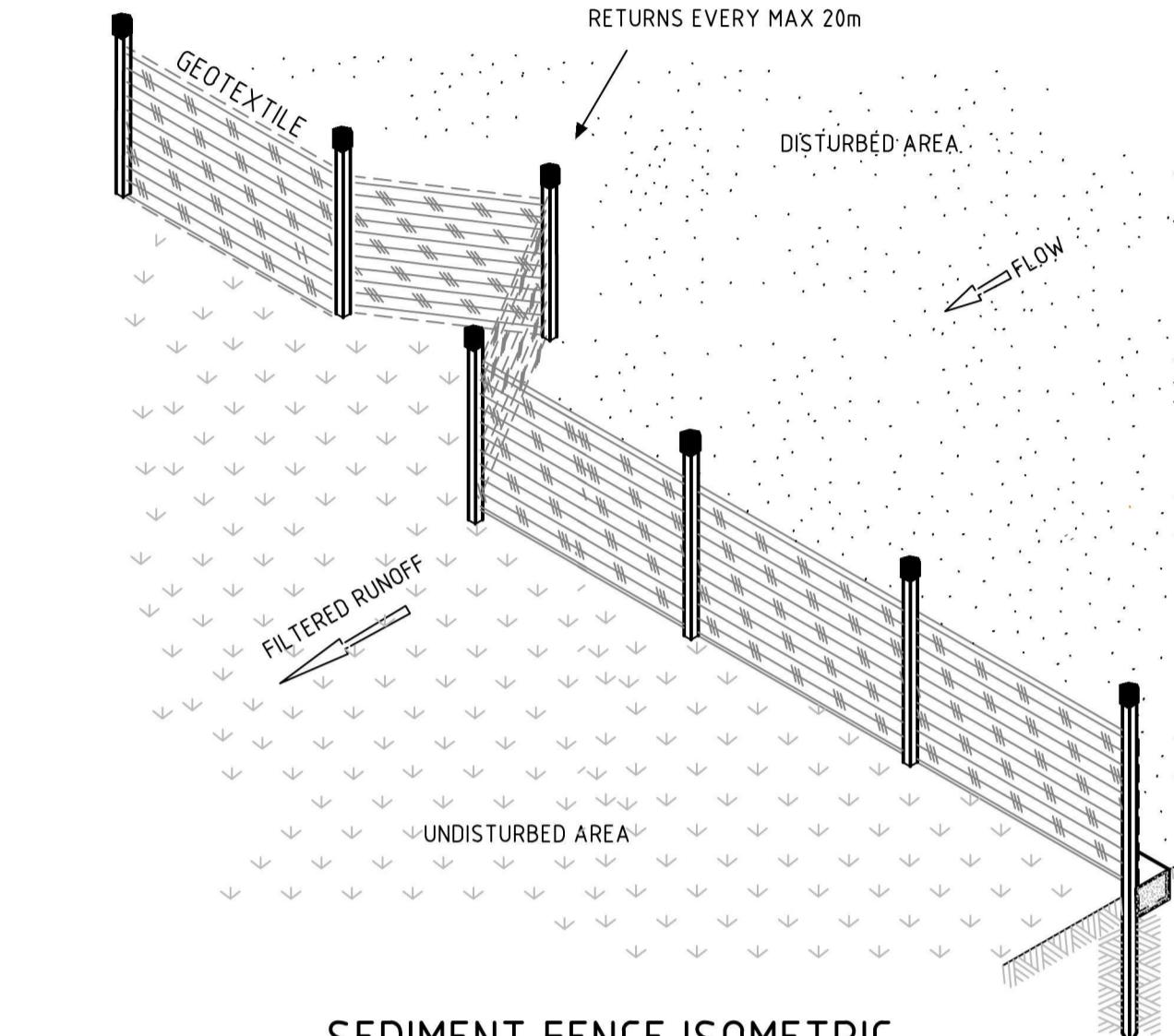
**SANDBAG SEDIMENT TRAP FOR KERB INLET
AT LOW POINT**



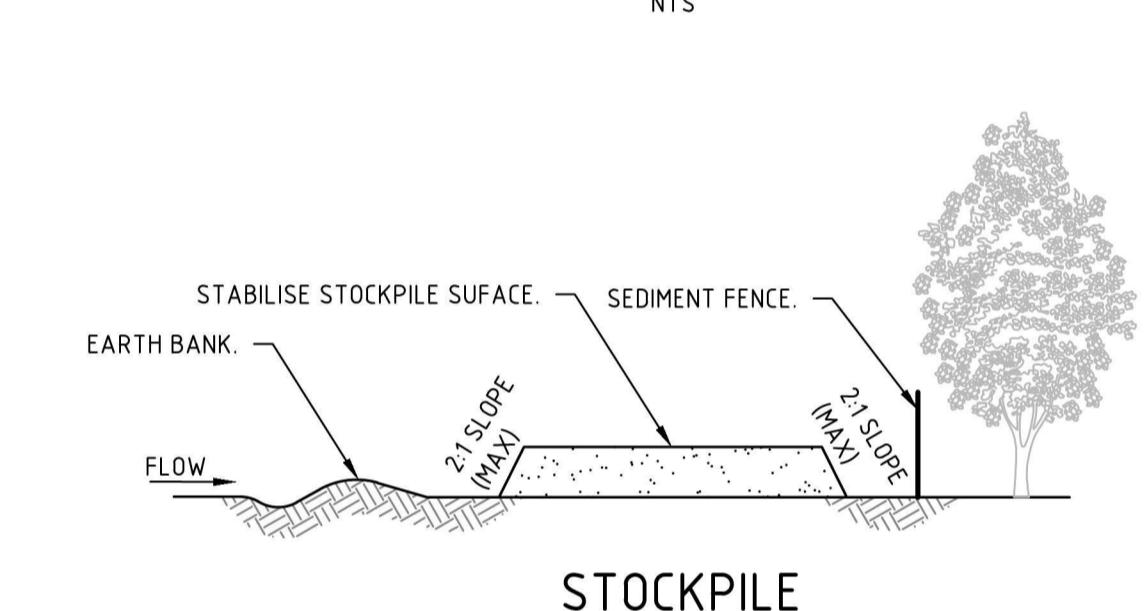
SEDIMENT FENCE PLAN

Drawn	Date	Client
TEJ	14/07/2016	BRISCOE HOTEL GROUP
Checked	Date	OVERLANDER HOTEL PENRITH
AE	18/07/2016	CAR PARK EXTENTION
Designed	Date	DRAINAGE WORKS
AE	14/07/2016	
Verified	Date	
RA	18/07/2016	
Approved	Date	
RL	18/07/2016	

BRISCOE HOTEL GROUP
Project: OVERLANDER HOTEL PENRITH
CAR PARK EXTENTION
DRAINAGE WORKS
Title: SEDIMENT AND EROSION CONTROL PLAN
Cardno (NSW/ACT) Pty Ltd | ABN 95 001 145 035
Level 9, The Forum, 203 Pacific Highway
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Tel: 02 9496 7700 Fax: 02 9439 5170
Web: www.cardno.com.au



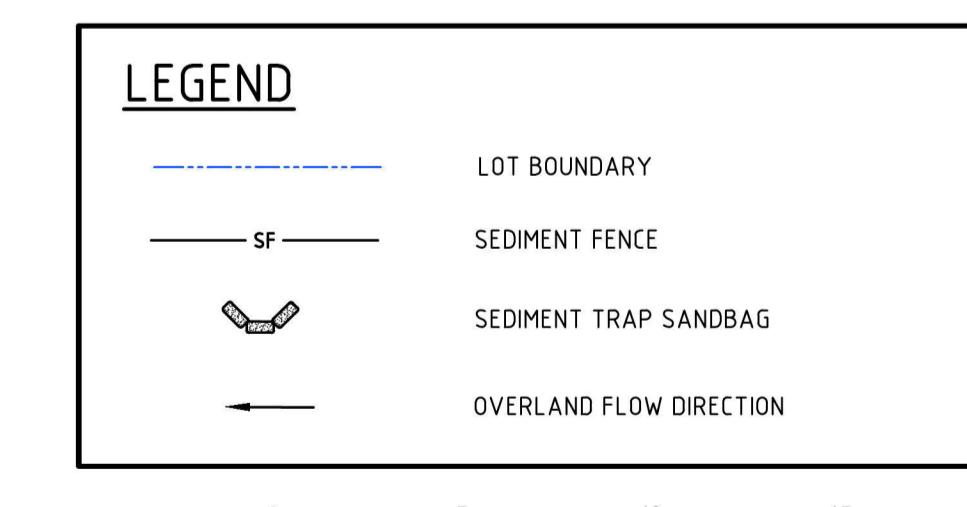
SEDIMENT FENCE ISOMETRIC



STOCKPILE

STOCKPILE CONSTRUCTION

1. LOCATE STOCKPILE AT LEAST 5m FROM VEGETATION, CONCENTRATED WATER FLOWS, ROADS AND HAZARD AREAS.
2. CONSTRUCT TO THE CONTOUR AS A LOW, FAT, ELONGATED MOUND.
3. WHERE THERE IS SUFFICIENT AREA TOPSOIL STOCKPILES SHALL BE LESS THAN 2m HEIGHT.
4. REHABILITATE IN ACCORDANCE WITH THE CONSTRUCTION ENVIRONMENT MANAGEMENT PLAN. CONSTRUCT EARTH BANK ON THE UPSLOPE SIDE TO DIVERT RUN OFF AROUND THE STOCKPILE AND A SEDIMENT FENCE 1:2m DOWNSLOPE OF STOCKPILE.



0 5 10 15 20m
SCALE 1:200 @A1

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES
Datum: AHD Date: JULY'16 Scale: AS SHOWN Size: A1
Drawing Number: 80216097-CI-1005 Revision: 2



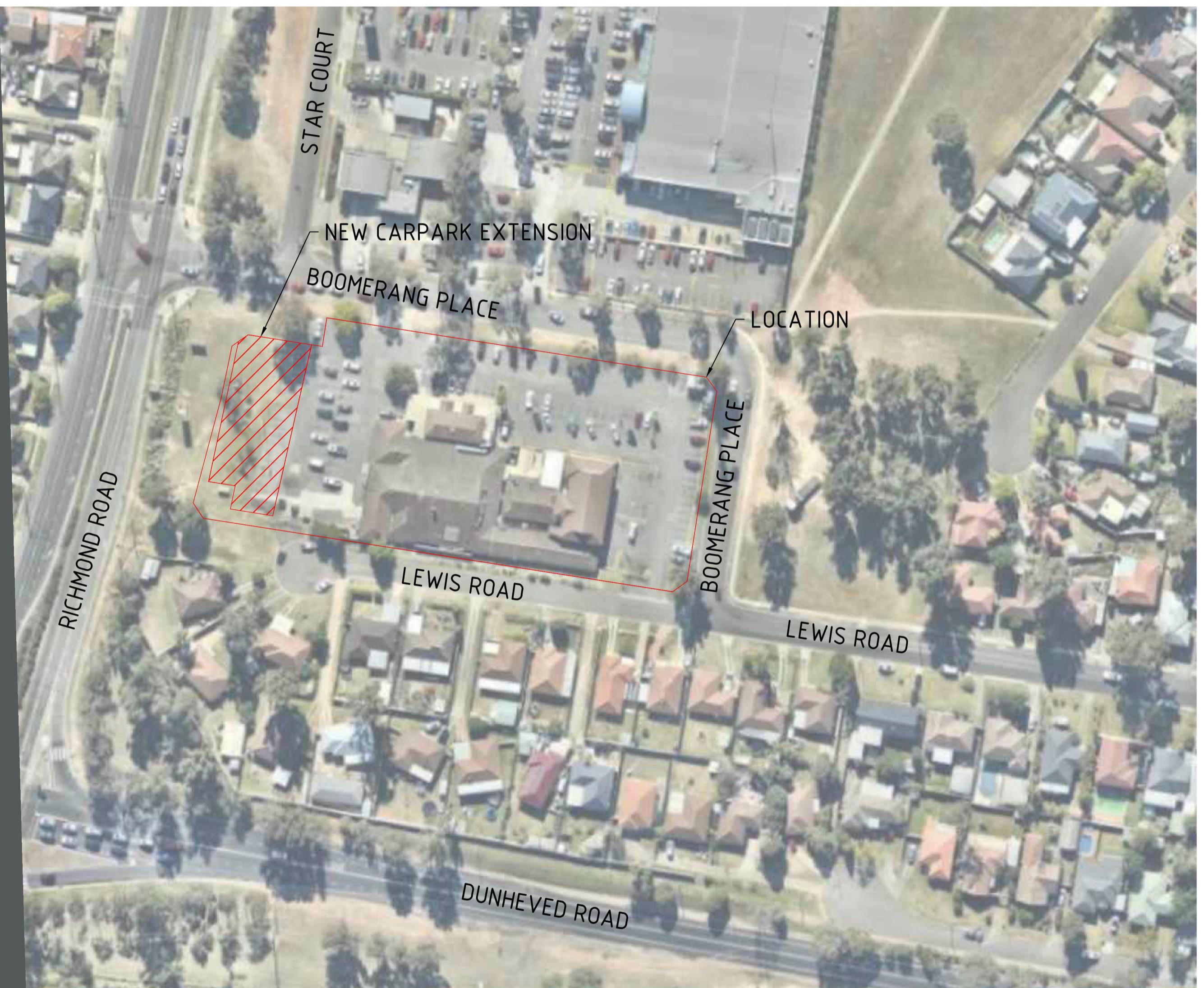
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BRISCOE HOTEL GROUP

OVERLANDER HOTEL PENRITH CARPARK EXTENTION DRAINAGE WORKS

SCHEDULE OF DRAWINGS

DRAWING No.	DESCRIPTION
80216097-CI-1001	COVER SHEET, LOCALITY PLAN AND NOTES
80216097-CI-1005	SEDIMENT AND EROSION CONTROL PLAN
80216097-CI-1010	DRAINAGE DETAIL PLAN
80216097-CI-1015	DETENTION TANK AND DRAINAGE DETAILS
80216097-CI-1020	CATCHMENT PLAN



LOCALITY PLAN

SCALE 1:1000

GENERAL

1. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH PENRITH CITY COUNCIL STANDARDS.
2. PENRITH CITY COUNCIL STANDARD DETAILS TO BE USED WHERE POSSIBLE.
3. UTILITY ADJUSTMENTS AT DEVELOPERS EXPENSE.
4. CONDUITS TO BE PLACED WHERE REQUIRED BY THE RELEVANT AUTHORITIES.
5. A MINIMUM OF 3m OF SUBSOIL LINE SHALL BE LAID INTO UPSTREAM SIDE OF COUNCIL PITS.

STORMWATER DRAINAGE NOTES

1. PIPES 300 DIA AND LESS SHALL BE DWV GRADE (CLASS SN8) uPVC WITH SOLVENT WELDED JOINTS.
2. EQUIVALENT STRENGTH FRC PIPES MAY BE USED.
3. ALL PIPES ARE TO BE UNIFORMLY SUPPORTED ALONG THE LENGTH OF THE BARREL BY SUITABLE FILL MATERIAL. REFER TO BEDDING SUPPORT TYPE.
4. PIPES WITH SOCKETS SHALL BE LAID IN BEDDING WHERE SUITABLE RECESSES HAVE BEEN PROVIDED TO ENSURE PIPES DO NOT BEAR ON THEIR SOCKETS.
5. PIPES TO BE INSTALLED TO TYPE HS1 SUPPORT IN ACCORDANCE WITH AS 3725 (2007) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75).
6. REFER TO AS/NRS 3725-2007 TABLE B1 FOR REQUIRED FILL DEPTHS ABOVE PIPE BARREL PRIOR TO USE OF COMPACTION MACHINERY OR TRAVERSING OF PIPES BY GENERAL SITE EQUIPMENT.
7. WHERE WORKING METHODS REQUIRE HIGHER CLASS PIPE, THE CONTRACTOR SHALL REFER TO AS 3725 (2007) TO DETERMINE THE APPROPRIATE PIPE CLASS. PROPOSED PIPE CLASS SHALL BE REVIEWED BY CARDNO PRIOR TO INSTALLATION.
8. ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500.3.1 (2003) AND AS/NZS 3500.3.2 (2003).
9. PRECAST PITS MAY BE USED EXTERNAL TO THE BUILDING SUBJECT TO APPROVAL BY THE SUPERINTENDENT.
10. ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
11. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
12. GRATES AND COVERS SHALL CONFORM TO AS 3996.
13. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
14. ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT/ENGINEER FOR FURTHER DIRECTIONS.

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF EROSION AND SEDIMENTATION TO THE SATISFACTION OF COUNCIL, NSW OFFICE OF WATER, OFFICE OF ENVIRONMENT AND HERITAGE, THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE DRAWINGS SHALL ONLY BE USED AS A GUIDE BY THE CONTRACTOR, AND SHALL REPRESENT THE MINIMUM REQUIREMENT ONLY.
2. THE CONTRACTOR SHALL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED OR AS OTHERWISE DIRECTED BY THE SUPERINTENDENT.
3. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
 - a. LOCAL AUTHORITY REQUIREMENTS
 - b. EPA REQUIREMENTS
 - c. NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
4. MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
5. WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
6. CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

7. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
 - a. INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
 - b. INSTALL SANDBAG SEDIMENT TRAPS AT EXISTING AND PROPOSED INLET PITS. REFER DETAIL.
 - c. UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

8. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
9. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE, AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

10. 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.

11. 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.

12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.

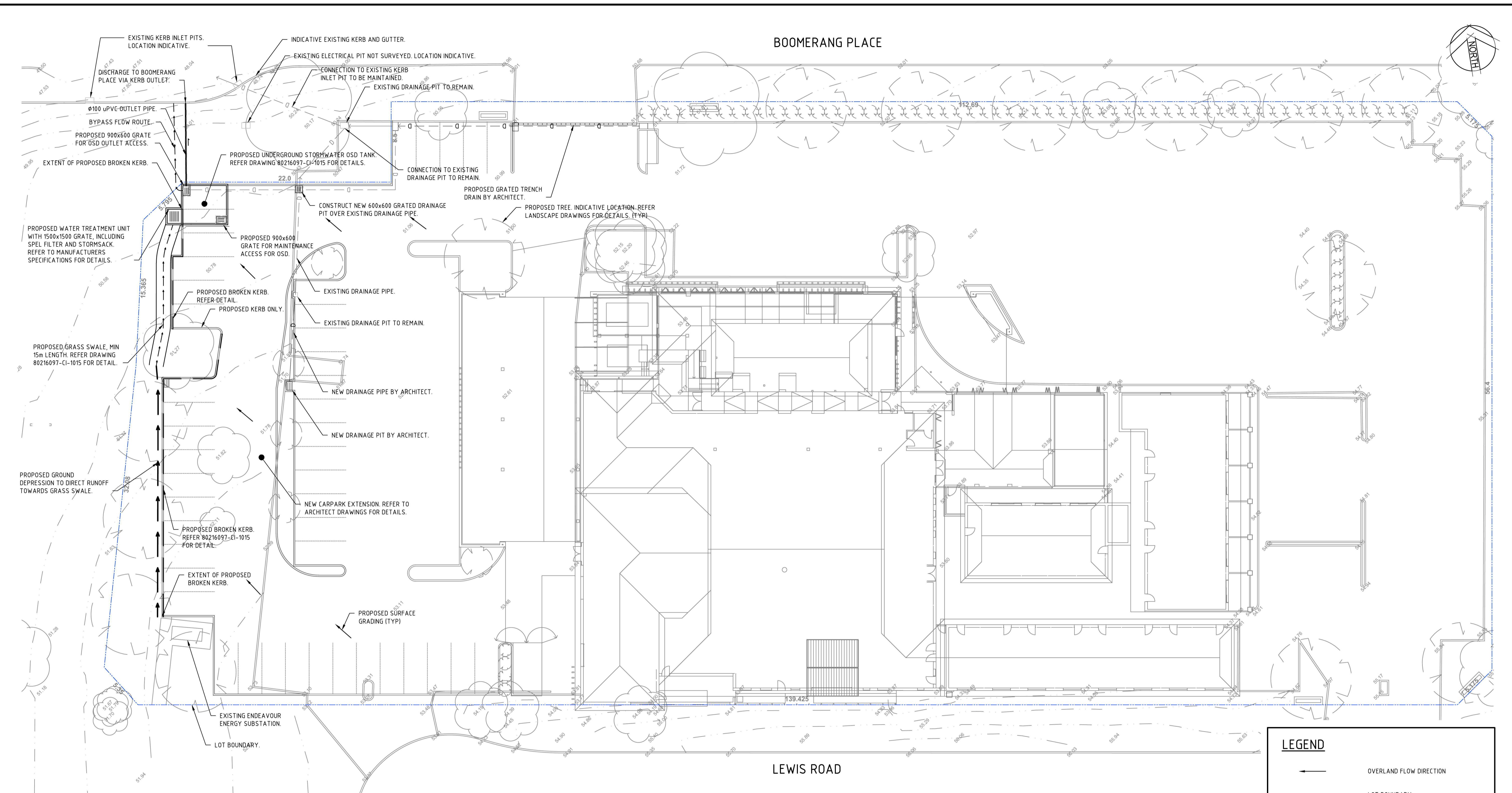
OTHER MATTERS

14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
 - a. PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE.
 - b. ENSURING THAT NOTHING IS NAILED TO THEM.
 - c. PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
 - d. ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER.
 - e. A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH).
 - f. CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.



0 20 40 60 80 100m
 SCALE 1:1000 @A1

Drawn TEJ	Date 14/07/2016	Status	PRELIMINARY			
Checked AE	Date 18/07/2016	Date 18/07/2016	NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Designed AE	Date 14/07/2016	Date 18/07/2016	Datum AHD	Date JULY'16	Scale 1:1000	Size A1
Verified RA	Date 18/07/2016	Date 18/07/2016	Approved	Drawing Number 80216097-CI-1001	Revision 1	
RL	18/07/2016	18/07/2016				
Rev. Date	Description	AE RA RL	Des. Verif. Appd.			



NOTE:

1. REFER TO LANDSCAPE DRAWINGS FOR TREES TO BE REMOVED AND RETAINED.
2. REFER TO ARCHITECT DRAWINGS FOR EXTENT OF NEW PAVEMENT AND KERB.
3. REFER ARCHITECT DRAWINGS FOR PROPOSED SURFACE LEVELS.
4. REFER TO ARCHITECT DRAWINGS FOR DRAINAGE INFRASTRUCTURE ASSOCIATED WITH BUILDING AND EXISTING CARPARK.

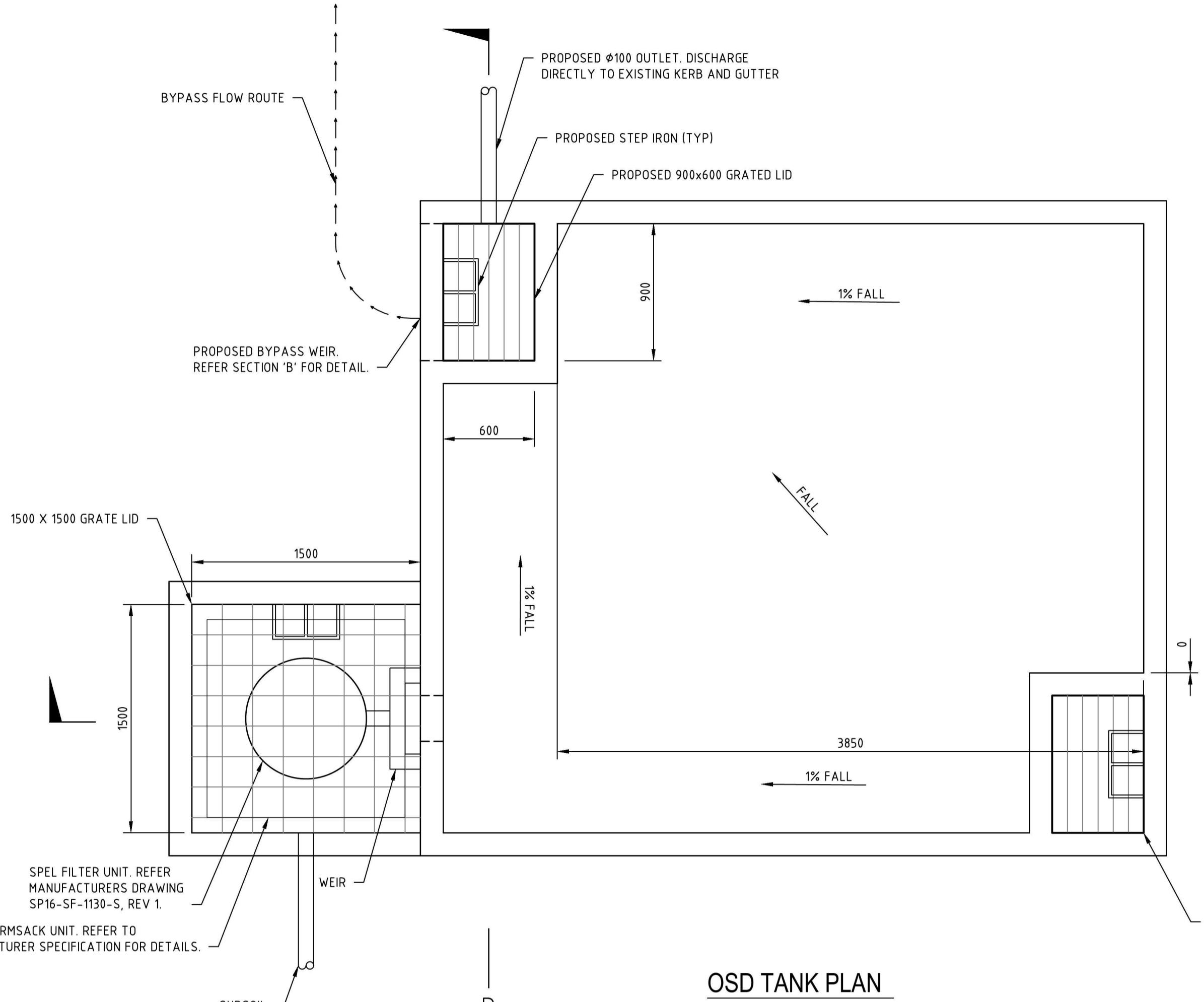
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Drawn Date Client
TEJ 14/07/2016 BRISCOE HOTEL GROUP
Checked Date
AE 18/07/2016
Designed Date
AE 14/07/2016
Verified Date
RA 18/07/2016
Approved Date
Title
RL 18/07/2016 DRAINAGE DETAIL PLAN

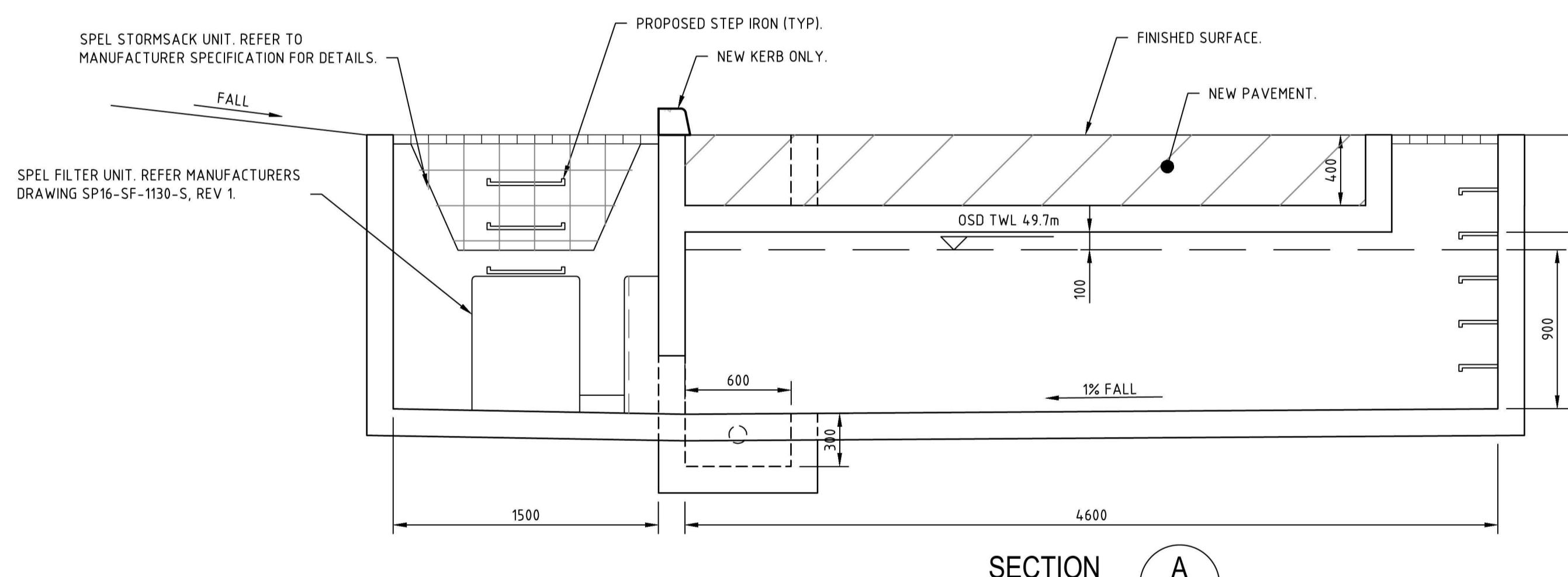
Project OVERLANDER HOTEL PENRITH
CARPARK EXTENTION
DRAINAGE WORKS
Status PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES
Datum AHD
Date JULY'16
Scale 1:200
Size A1
Drawing Number 80216097-CI-1010
Revision 2
@A1

2	19/07/2016	ISSUED FOR DA	AE RA RL	
1	18/07/2016	DRAFT DA ISSUE	AE RA RL	Des. Verif. Appd.

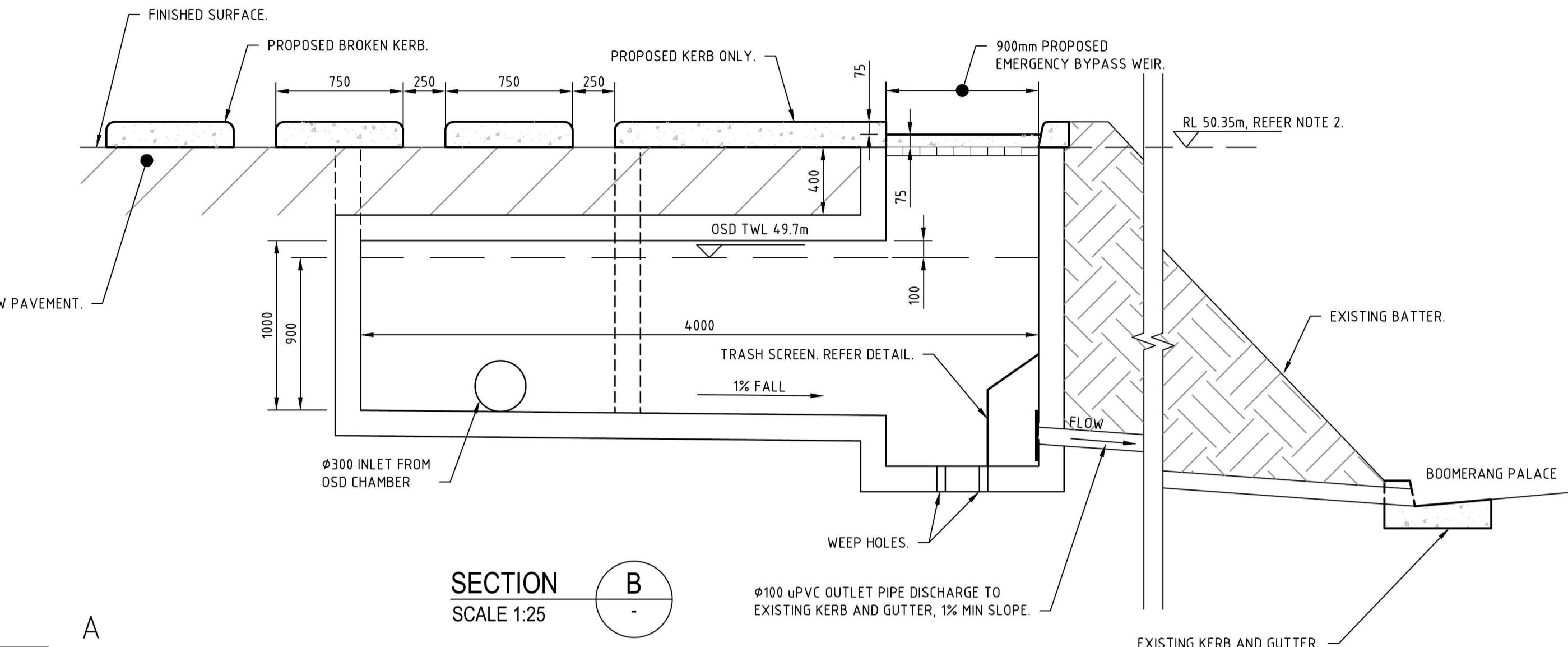


OSD TANK PLAN

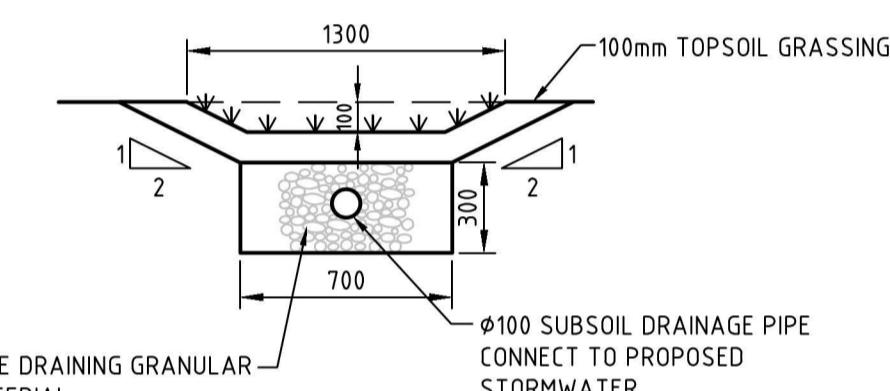
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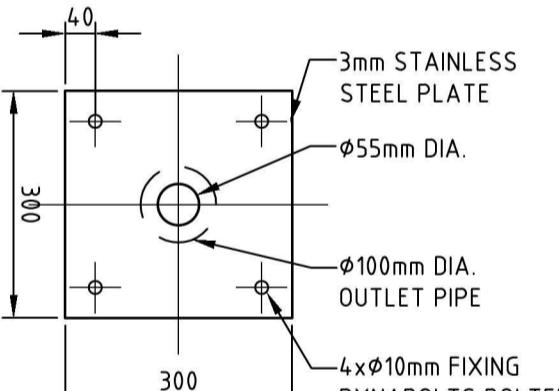
SECTION A -



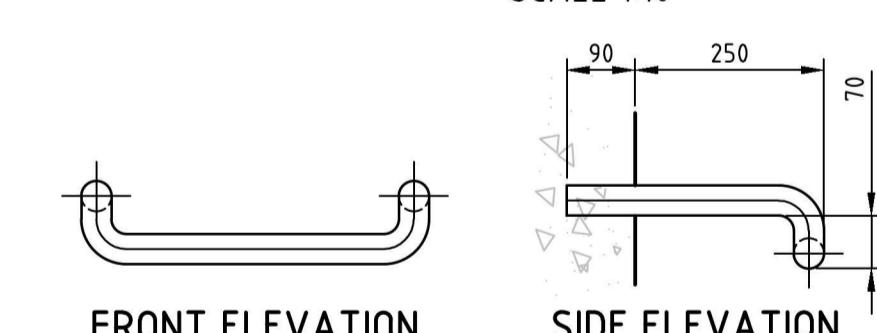
SECTION B
SCALE 1:25



TYPICAL SECTION THROUGH GRASS SWALE
SCALE 1:25



OSD ORIFICE PLATE DETAIL



FRONT ELEVATION

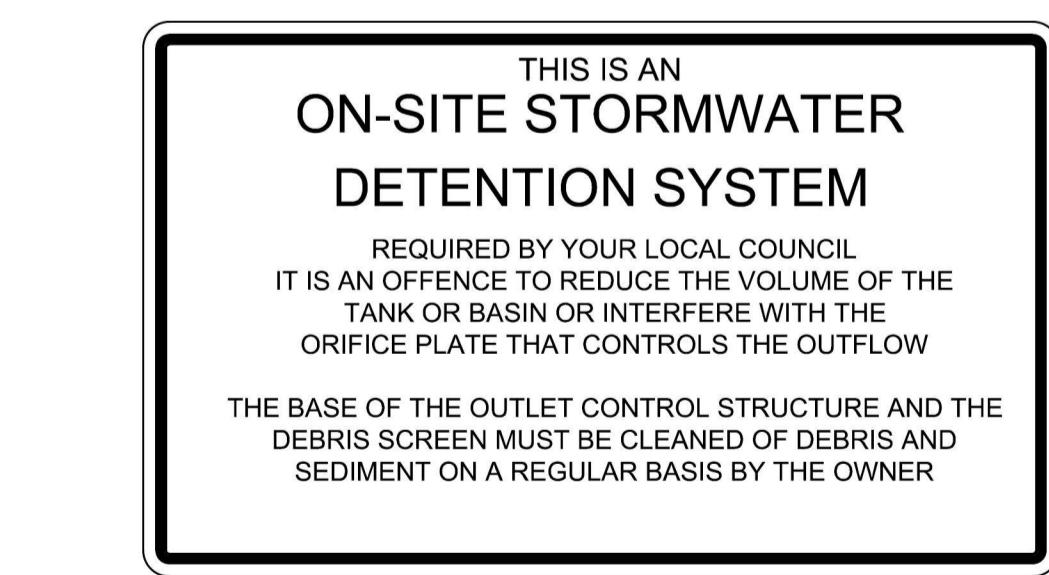
SIDE ELEVATION

20 DIA. GALVANIZED MILD STEEL

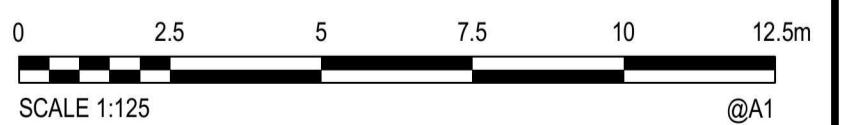
PLAN



STEP IRON DETAIL



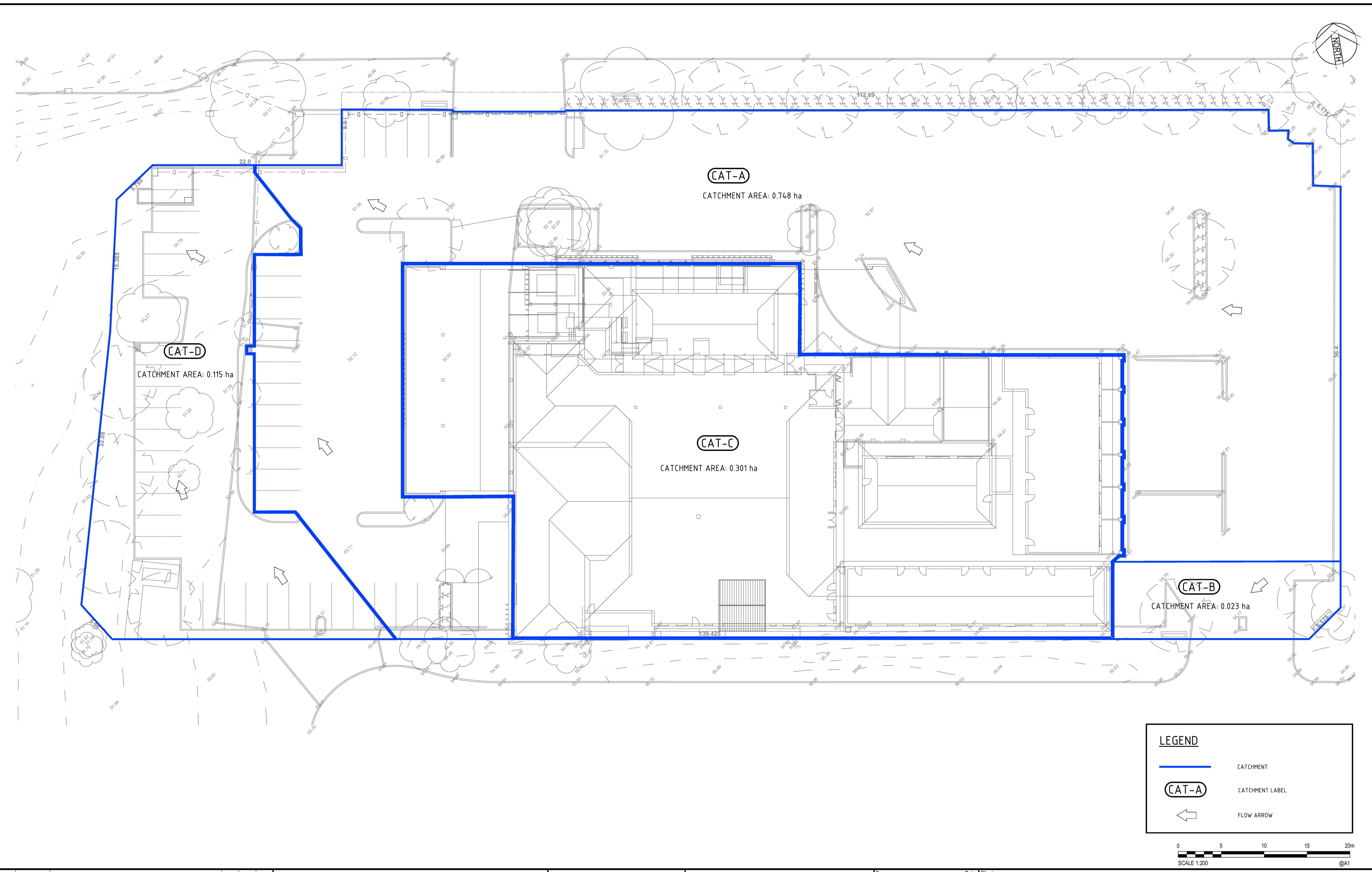
OSD SIGN



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Drawn TEJ	Date 14/07/2016	Client BRISCOE HOTEL GROUP	Project OVERLANDER HOTEL PENRITH CARPARK EXTENTION DRAINAGE WORKS	Status PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Checked AE	Date 18/07/2016					
Designed AE	Date 14/07/2016					
Verified RA	Date 18/07/2016					
Approved RL	Date 18/07/2016	Title DETENTION TANK AND DRAINAGE DETAILS				
			Datum AHD	Date JULY'16	Scale AS SHOWN	Size A1
			Drawing Number 80216097-CI-1015	Revision 2		

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Rev.	Date	ISSUED FOR DA	AE	RA	RL
1	18/07/2016	DRAFT DA ISSUE	AE	RA	RL
		Description	Des.	Verif.	Appd.

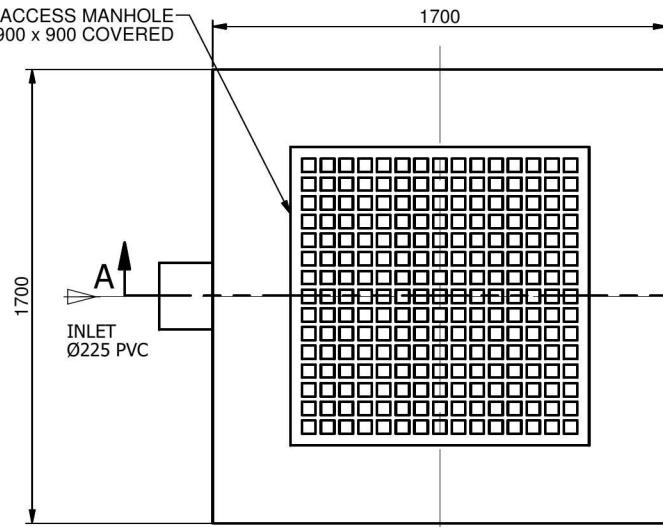
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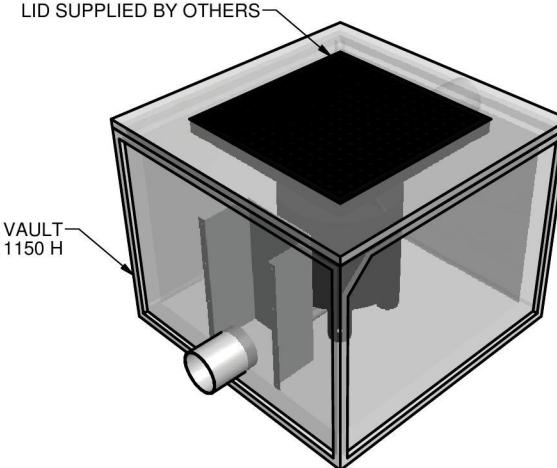
Drawn Date Client
TEJ 14/07/2016 BRISCOE HOTEL GROUP
Checked Date
AE 18/07/2016
Designed Date
AE 14/07/2016
Verified Date
RA 18/07/2016
Approved Date
Title
RL 18/07/2016 CATCHMENT PLAN

Project OVERLANDER HOTEL PENRITH
CARPARK EXTENTION
DRAINAGE WORKS

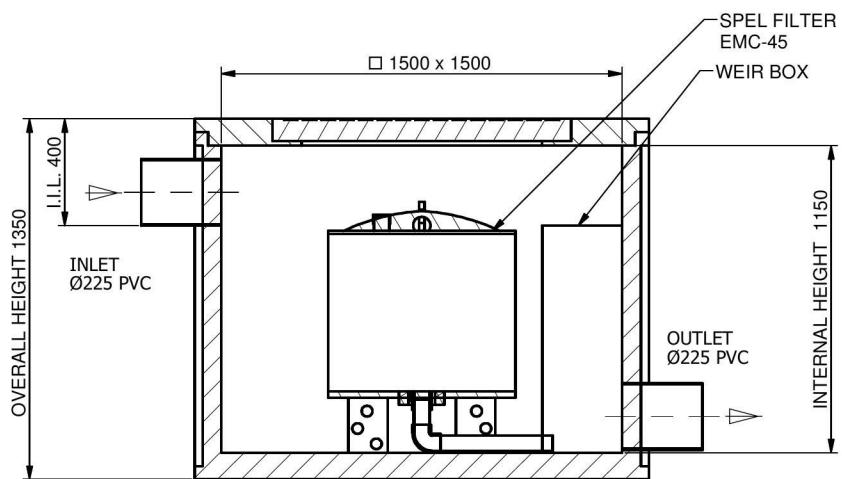
Status
NOT TO BE USED FOR CONSTRUCTION PURPOSES
Datum Date Scale Size
AHD JULY'16 1:200 A1
Drawing Number Revision
80216097-CI-1020 2



Site Level Confirmation	
Finished Surface Level (FSL)	RL:
Access Cover Thickness	mm
Inlet Invert Level	RL:
Outlet Invert Level	RL:
Company:	
Name:	
Date:	



PLAN VIEW



SECTION A-A
ELEVATION VIEW

**ISSUE FOR APPROVAL
NOT FOR CONSTRUCTION**

TOLERANCE: ALL DIMENSIONS 10mm UNLESS OTHERWISE STATED

CLIENT

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Drawn M.M.	Date 29-01-16
Check	Date
Verified	Date
Approved	Date
Request No. RN2087	

SPEL
ENVIRONMENTAL
INTEGRATED WATER SOLUTIONS

100 Silverwater Road Silverwater NSW 2128
PH: 1300 773 500 | E: sales@spel.com.au

PROJECT :

TITLE SPEL FILTER SYSTEM
SF.1515/01-29.CON.225.PVC
1 SPEL FILTER CARTRIDGE
GENERAL ARRANGEMENT

SCALE	N.T.S	SIZE	A3	SHEET	1
CUSTOMER CODE :		DWG No.	SP16-SF1130-S		

