APPENDIX E

N

LAMBERT WAY

REFER TO DRAWING PP-ISS-XX-XX-DR-C-3001

REFER TO DRAWING PP-ISS-XX-XX-DR-C-3002

REF

CONTINUED BELOW

CONTINUED ABOVE

REFER TO DRAWING PP-ISS-XX-XX-DR-C-3003

Hatched area to be made available to the Public at all times

F1.09
CL 11.050
IL 11.650

F1.10
CL 13.500
IL 11.450

150mm / 1:14

FOUL MH
REF. 4930
CL 13.080
IL 10.800

Brougham Grove
ϕ150

ϕ150

FOUL MH
REF. 4905
CL TBC
IL 10.633

2

6

NOTES:

1. FOR OMITTED DRAINAGE INFORMATION WITHIN THE SITE, REFER TO DRAWINGS PP-ISS-XX-XX-DR-C-3001 TO PP-ISS-XX-XX-DR-C-3003.
2. ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH THE LATEST VERSION OF SEWERS FOR ADOPTION AND DOCUMENT H OF THE BUILDING REGULATIONS. FOR FURTHER DRAINAGE NOTES PLEASE REFER TO DRAWING PP-ISS-XX-XX-DR-C-3004.

LEGEND

- SITE BOUNDARY
- EXISTING DRAINAGE
- FOUL WATER SEWER (SOUTHERN WATER)
- FOUL WATER MANHOLE (SOUTHERN WATER)
- PROPOSED DRAINAGE
- SURFACE WATER DRAIN/SEWER
- FOUL WATER DRAIN/SEWER
- SURFACE WATER MANHOLES
- FOUL WATER MANHOLES
- CELLULAR STORAGE ATTENUATION
- PERMEABLE PAVING

REV	DATE	DRAWN/CHK	REVISION INFO
P05	10.03.20	PL/TW	MINOR AMENDMENT TO KEY.
P04	05.02.20	PL/TW	STACK CONNECTIONS & INFILTRATION RATES AMENDED, DRAINAGE ADJUSTED TO SUIT
P03	20.12.19	TT/TW	SUBMITTED TO SOUTHERN WATER FOR S104 & 106 APPLICATION APPROVALS.
P02	26.11.19	KD/TW	LAYOUT AMENDED FOLLOWING CLIENT COMMENTS
P01	15.11.19	KD/TW	FOR APPROVAL

STATUS:

FOR APPROVAL

CLIENT:

SAVISTA DESIGN AND BUILD

PROJECT:

POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:

PROPOSED
DRAINAGE LAYOUT
- OVERALL

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	1:500	S2

DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3000 REVISION: P05

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ARUN DISTRICT COUNCIL A/1400/20/OUT

LEGEND

- SITE BOUNDARY
- EXISTING DRAINAGE FOUL WATER SEWER (SOUTHERN WATER)
- FOUL WATER MANHOLE (SOUTHERN WATER)

PROPOSED DRAINAGE:

- FOUL WATER SEWER/DRAIN
- SURFACE WATER SEWER/DRAIN
- SURFACE WATER MANHOLE
- FOUL WATER MANHOLE
- RE RODDING EYE
- RG ROAD GULLY
- YG FLOOR GULLY
- TD THRESHOLD DRAINAGE CHANNEL
- ACO LINEAR DRAINAGE CHANNEL
- GL =14.600 - DENOTES GROUND LEVEL
- FL =14.000 - DENOTES FORMATION LEVEL
- RWP RAIN WATER PIPE
- SP FOUL STACK
- CELLULAR STORAGE ATTENUATION
- PERMEABLE PAVING

N

barbed wire fence

tarmac footpath

speed reduction humps

grass embankment

Drop Kerb

Blister tactile paving

INDICATIVE COACH HOUSE RWP POSITIONS SHOWN TBC BY ARCHITECT

Soakaway CS4
2m² (1m x 2m) x 0.8m Deep
Cover Level = 14.700
Top Level = 12.670
IL=11.970
Base level = 11.870
Infiltration Rate = 16.16m³/hour

Soakaway CS1
18m² (6m x 3m) x 1.2m Deep
Cover Level = 14.490
Top Level = 13.550
IL=12.350
Base level = 12.350
Infiltration Rate = 16.16m³/hour

FOUL CONNECTION FROM COACH HOUSE TBC

DEMARCATION CHAMBER

Bin Store floor to be sloped to floor gully (Min. 1:100)

BIN STORE

generator

FG

TD

RG

RWP

SC

Roundstone Lane (B2225)

ACO Channel

Wall

closeboard fence

CONTINUED ON DRG PP-ISS-XX-XX-DR-C-3402

NOTES:

1. SEE DRAWING PP-ISS-XX-XX-DR-C-3004 FOR STANDARD DRAINAGE NOTES APPLICABLE TO THIS SITE.
2. ALL DRAINAGE WORKS TO BE ADOPTED BY THE LOCAL SEWERAGE UNDERTAKER IS TO BE CARRIED OUT IN ACCORDANCE WITH, IN ORDER, IESIS STRUCTURES DRAINAGE SPECIFICATION, THE LOCAL SEWERAGE AUTHORITY ADDENDUM TO THE LATEST EDITION OF SEWERS FOR ADOPTION (SFA) AND THE LATEST EDITION OF SFA. ANY WORKS WITHIN PUBLIC HIGHWAYS IS TO BE OFFERED FOR ADOPTION BY THE LOCAL SEWERAGE UNDERTAKER.
3. ALL DRAINAGE WORKS TO REMAIN PRIVATE IS TO BE CARRIED OUT IN ACCORDANCE WITH, IN ORDER, IESIS STRUCTURES DRAINAGE SPECIFICATION AND APPROVED DOCUMENT 'H' DRAINAGE AND WASTE DISPOSAL
4. ALL PUBLIC HIGHWAY DRAINAGE WORKS IS TO BE ADOPTED BY THE LOCAL HIGHWAY AUTHORITY AND IS TO BE CARRIED OUT IN ACCORDANCE WITH, IN ORDER, IESIS STRUCTURES DRAINAGE SPECIFICATION AND THE LOCAL HIGHWAY AUTHORITY.
5. FOR MANHOLE DETAILS INCLUDING TYPE REFER TO DRAWING PP-ISS-XX-XX-DR-C-3201 AND PP-ISS-XX-XX-DR-C-3202
6. COVER IN ROADS / PARKING
   - 0.00m - 090m = TYPE 'Z'
   - 0.90m - 1.2m = TYPE 'S'
   - +1.2m = TYPE 'B'

   COVER IN FOOTPATHS / VERGE
   - 0.00m - 0.90m = TYPE 'Z'
   - 0.90m - 1.2m = TYPE 'S'
   - +1.2m = TYPE 'B'

   ALL ADOPTABLE DRAINAGE TO BE TYPE 'S'

   ALL CONNECTIONS FROM RWPs AND FOUL STACKS TO CHAMBERS TO BE TYPE 'S'

REV	DATE	DRAWN/CHK	REVISION INFO
P05	10.03.20	PL/TW	SOAKAWAY TABLES AMENDED. GROUND AND FORMATION LEVELS ADDED, MANHOLE TYPES ADDED. LEGEND UPDATED. NOTES 2 TO 6 ADDED.
P04	05.02.20	PL/TW	STACK CONNECTIONS & INFILTRATION RATES AMENDED, DRAINAGE ADJUSTED TO SUIT
P03	20.12.19	TT/TW	SUBMITTED TO SOUTHERN WATER FOR S104 & 106 APPLICATION APPROVALS.
P02	26.11.19	KD/TW	LAYOUT AMENDED FOLLOWING CLIENT COMMENTS
P01	15.11.19	KD/TW	FOR APPROVAL

STATUS:

FOR APPROVAL

CLIENT:

SAVISTA DESIGN AND BUILD

PROJECT:

POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:

PROPOSED
DRAINAGE LAYOUT
SHEET 1 OF 3

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	1:100	S2

DRAWING NUMBER:	REVISION:
PP-ISS-XX-XX-DR-C-3001	P05

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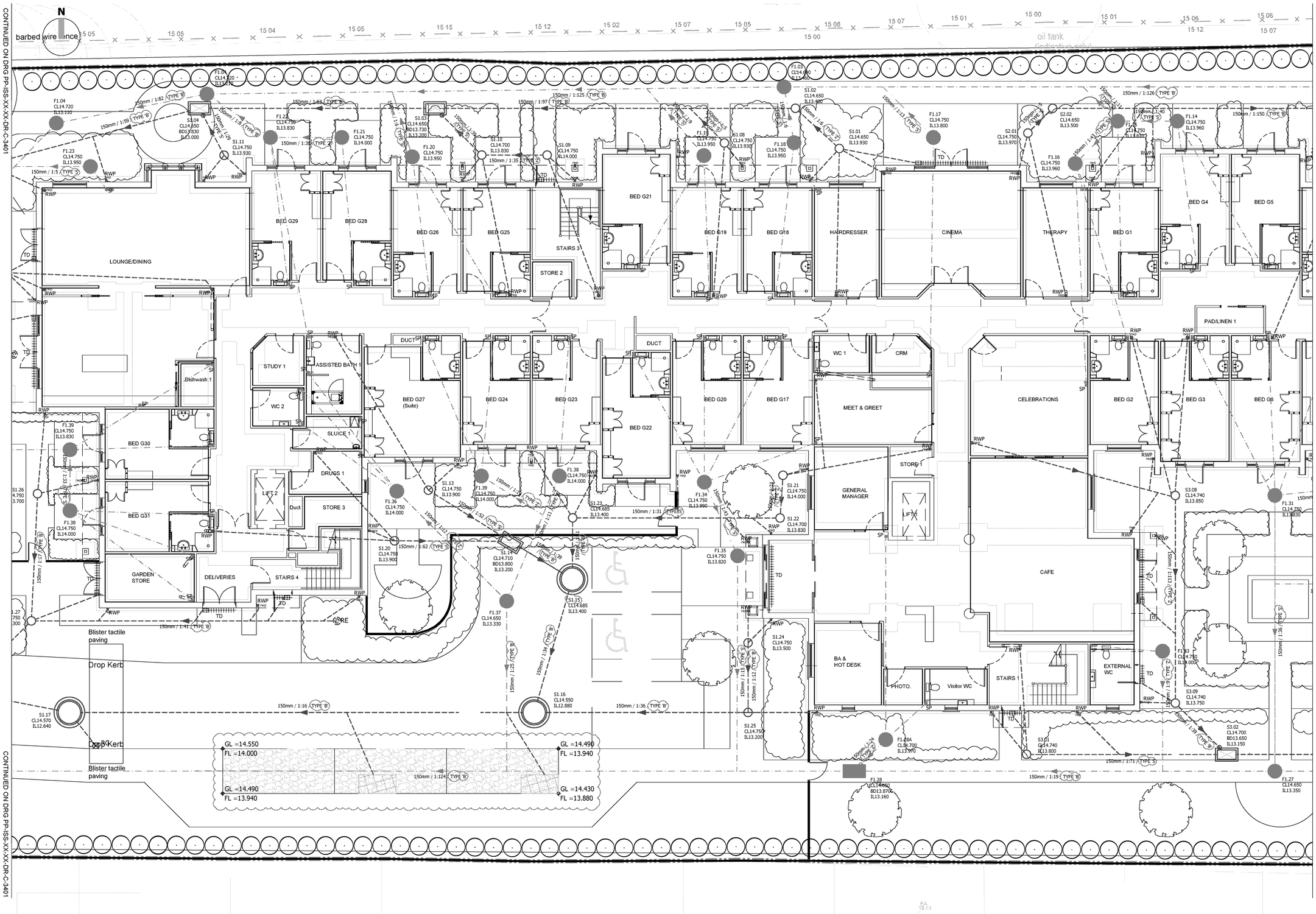
ARUN DISTRICT COUNCIL A/16/20/DOC

LEGEND

- SITE BOUNDARY
- EXISTING DRAINAGE FOUL WATER SEWER (SOUTHERN WATER)
- FOUL WATER MANHOLE (SOUTHERN WATER)

PROPOSED DRAINAGE:

- FOUL WATER SEWER/DRAIN
- SURFACE WATER SEWER/DRAIN
- SURFACE WATER MANHOLE
- FOUL WATER MANHOLE
- RE RODDING EYE
- RG ROAD GULLY
- YG FLOOR GULLY
- TD THRESHOLD DRAINAGE CHANNEL
- ACO LINEAR DRAINAGE CHANNEL
- GL =14.600 - DENOTES GROUND LEVEL
- FL =14.000 - DENOTES FORMATION LEVEL
- RWP RAIN WATER PIPE
- SP FOUL STACK
- CELLULAR STORAGE ATTENUATION
- PERMEABLE PAVING



NOTES:

1. SEE DRAWING PP-ISS-XX-XX-DR-C-3004 FOR STANDARD DRAINAGE NOTES APPLICABLE TO THIS SITE.
2. ALL DRAINAGE WORKS TO BE ADOPTED BY THE LOCAL SEWERAGE UNDERTAKER IS TO BE CARRIED OUT IN ACCORDANCE WITH, IN ORDER, IESIS STRUCTURES DRAINAGE SPECIFICATION, THE LOCAL SEWERAGE AUTHORITY ADDENDUM TO THE LATEST EDITION OF SEWERS FOR ADOPTION (SFA) AND THE LATEST EDITION OF SFA. ANY WORKS WITHIN PUBLIC HIGHWAYS IS TO BE OFFERED FOR ADOPTION BY THE LOCAL SEWERAGE UNDERTAKER.
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4. ALL PUBLIC HIGHWAY DRAINAGE WORKS IS TO BE ADOPTED BY THE LOCAL HIGHWAY AUTHORITY AND IS TO BE CARRIED OUT IN ACCORDANCE WITH, IN ORDER, IESIS STRUCTURES DRAINAGE SPECIFICATION AND THE LOCAL HIGHWAY AUTHORITY.
5. FOR MANHOLE DETAILS INCLUDING TYPE REFER TO DRAWING PP-ISS-XX-XX-DR-C-3201 AND PP-ISS-XX-XX-DR-C-3202
6. COVER IN ROADS / PARKING
   - 0.00m - 090m = TYPE 'Z'
   - 0.90m - 1.2m = TYPE 'S'
   - +1.2m = TYPE 'B'

   COVER IN FOOTPATHS / VERGE
   - 0.00m - 0.90m = TYPE 'Z'
   - 0.90m - 1.2m = TYPE 'S'
   - +1.2m = TYPE 'B'

   ALL ADOPTABLE DRAINAGE TO BE TYPE 'S'

   ALL CONNECTIONS FROM RWPs AND FOUL STACKS TO CHAMBERS TO BE TYPE 'S'

REV	DATE	DRAWN/CHK	REVISION INFO
P05	10.03.20	PL/TW	MANHOLE REFERENCE AMENDED. MANHOLE TYPES ADDED. LEGEND UPDATED. NOTES 2 TO 6 ADDED.
P04	05.02.20	PL/TW	STACK CONNECTIONS & INFILTRATION RATES AMENDED, DRAINAGE ADJUSTED TO SUIT
P03	20.12.19	TT/TW	SUBMITTED TO SOUTHERN WATER FOR S104 & 106 APPLICATION APPROVALS.
P02	26.11.19	KD/TW	LAYOUT AMENDED FOLLOWING CLIENT COMMENTS
P01	15.11.19	KD/TW	FOR APPROVAL

STATUS:

FOR APPROVAL

CLIENT:

SAVISTA DESIGN AND BUILD

PROJECT:

POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:

PROPOSED
DRAINAGE LAYOUT
SHEET 2 OF 3

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	1:100	S2

DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3002 REVISION: P05

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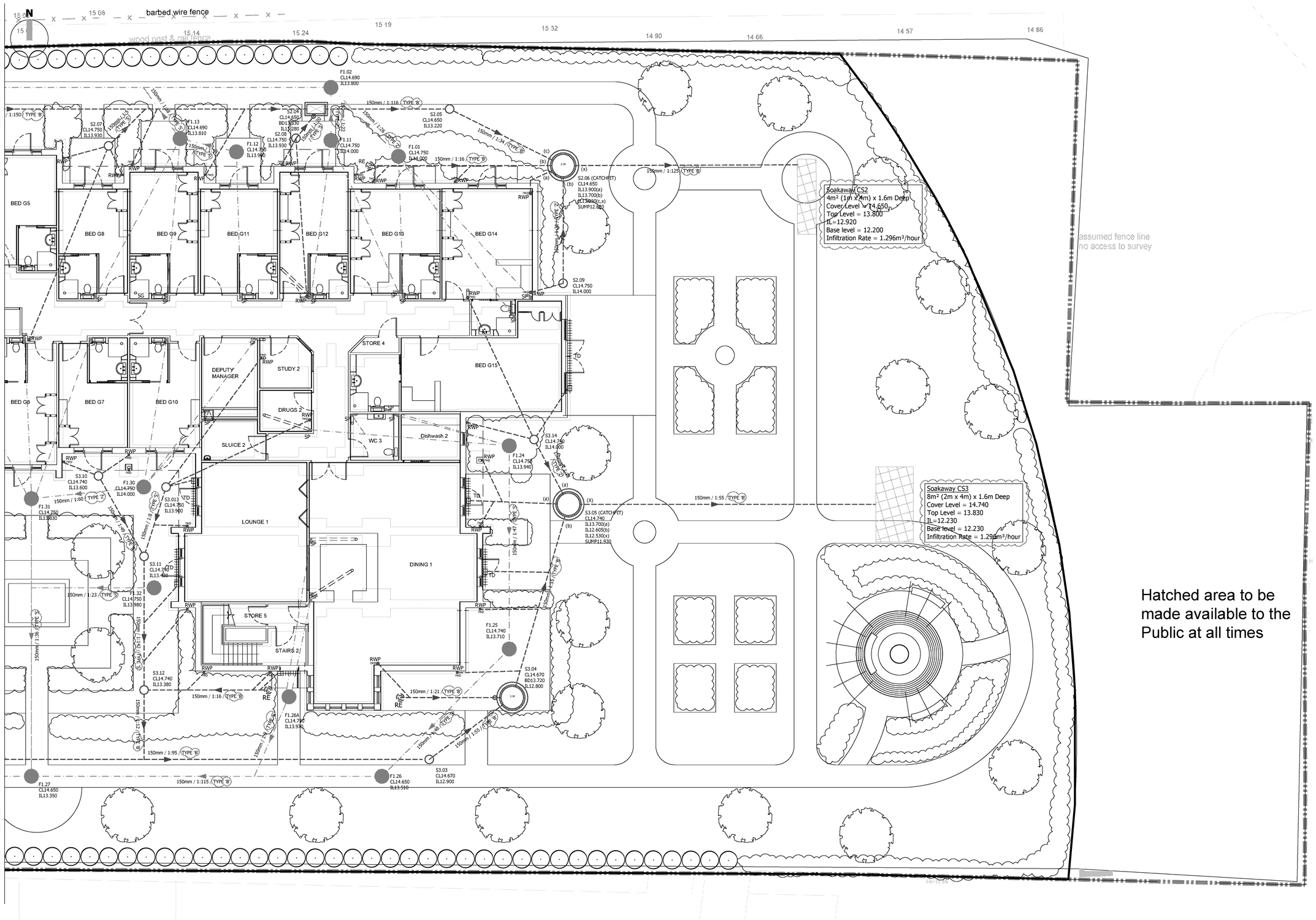
ARUN DISTRICT COUNCIL A/1650/OUT

LEGEND

- SITE BOUNDARY
- EXISTING DRAINAGE FOUL WATER SEWER (SOUTHERN WATER)
- FOUL WATER MANHOLE (SOUTHERN WATER)

PROPOSED DRAINAGE:

- FOUL WATER SEWER/DRAIN
- SURFACE WATER SEWER/DRAIN
- SURFACE WATER MANHOLE
- FOUL WATER MANHOLE
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- GL =14.600 - DENOTES GROUND LEVEL
- FL =14.000 - DENOTES FORMATION LEVEL
- RWP RAIN WATER PIPE
- SP FOUL STACK
- CELLULAR STORAGE ATTENUATION
- PERMEABLE PAVING



NOTES:

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   ALL ADOPTABLE DRAINAGE TO BE TYPE 'S'

   ALL CONNECTIONS FROM RWPs AND FOUL STACKS TO CHAMBERS TO BE TYPE 'S'

REV	DATE	DRAWN/CHK	REVISION INFO
P05	10.03.20	PL/TW	SOAKAWAY TABLES AMENDED. MANHOLE TYPES ADDED. LEGEND UPDATED. NOTES 2 TO 6 ADDED.
P04	05.02.20	PL/TW	STACK CONNECTIONS & INFILTRATION RATES AMENDED, DRAINAGE ADJUSTED TO SUIT
P03	20.12.19	TT/TW	SUBMITTED TO SOUTHERN WATER FOR S104 & 106 APPLICATION APPROVALS.
P02	26.11.19	KD/TW	LAYOUT AMENDED FOLLOWING CLIENT COMMENTS
P01	15.11.19	KD/TW	FOR APPROVAL

STATUS:

FOR APPROVAL

CLIENT:

SAVISTA DESIGN AND BUILD

PROJECT:

POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:

PROPOSED
DRAINAGE LAYOUT
SHEET 3 OF 3

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	1:100	S2

DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3003 REVISION: P05

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ARUN DISTRICT COUNCIL A1/820/DC

NOTES:

1. STANDARDS

1.1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH IESIS STRUCTURES DRAINAGE SPECIFICATION

1.2. ALL DRAINAGE WORKS TO BE ADOPTED BY THE LOCAL SEWERAGE UNDERTAKER IS TO BE CARRIED OUT IN ACCORDANCE WITH, IN ORDER, IESIS STRUCTURES DRAINAGE SPECIFICATION, THE LOCAL SEWERAGE AUTHORITY ADDENDUM TO THE LATEST EDITION OF SEWERS FOR ADOPTION (SFA) AND THE LATEST EDITION OF SFA. ANY WORKS WITHIN PUBLIC HIGHWAYS IS TO BE OFFERED FOR ADOPTION BY THE LOCAL SEWERAGE UNDERTAKER.

1.3. ALL DRAINAGE WORKS TO REMAIN PRIVATE IS TO BE CARRIED OUT IN ACCORDANCE WITH, IN ORDER, IESIS STRUCTURES DRAINAGE SPECIFICATION AND APPROVED DOCUMENT 'H' DRAINAGE AND WASTE DISPOSAL

1.4. ALL PUBLIC HIGHWAY DRAINAGE WORKS IS TO BE ADOPTED BY THE LOCAL HIGHWAY AUTHORITY AND IS TO BE CARRIED OUT IN ACCORDANCE WITH, IN ORDER, IESIS STRUCTURES DRAINAGE SPECIFICATION AND THE LOCAL HIGHWAY AUTHORITY.

1.5. THE DESIGN IS NOT TO BE DEVIATED FROM UNLESS A SPECIFIC REQUEST HAS BEEN SUBMITTED AND APPROVED BY IESIS STRUCTURES. ANY DEVIATION FROM THE SHOWN DESIGN BY THE CONTRACTOR PLACES THE RESPONSIBILITY OF THE DESIGN ONTO THE CONTRACTOR IN ACCORDANCE WITH CDM.

2. PRE-COMMENCEMENT

2.1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND PERMISSIONS TO CARRY OUT ANY WORKS WITHIN PUBLIC OR 3rd PARTY LAND.

2.2. SHOWN UTILITIES WITHIN IESIS STRUCTURE DRAWINGS ARE NOT TO BE CONSIDERED A COMPLETE RECORD OF ALL EXISTING UTILITIES WITHIN THE AREA OF PROPOSED WORKS OR THE EXACT LOCATION OF THE EXISTING UTILITIES. IT'S THE CONTRACTOR'S RESPONSIBILITY TO VERIFY WHAT ASSETS (INCLUDING POSITION) ARE WITHIN THE AREA OF PROPOSED WORKS OR ANY OTHER REQUIRED AREAS TO THEIR SATISFACTION. THE CONTRACTOR SHALL LIAISE WITH THE RELEVANT ASSET OWNER TO PROTECT OR DIVERT ANY ASSETS AS REQUIRED TO THE ASSET OWNERS REQUIREMENTS / RECOMMENDATIONS.

2.3. ALL DRAINAGE WITHIN THE SITE AND OFFSITE DRAINAGE TO BE DIVERTED OR ABANDONED MUST BE CCTV'D TO ENSURE THERE ARE NO UNCHARTED OR BLIND CONNECTIONS. IF ANY UNCHARTED CONNECTIONS ARE FOUND, THEY MUST BE TRACED TO THE HEIR SOURCE OR 1ST UPSTREAM MANHOLE IF EXTENDING BEYOND THE SITE BOUNDARY AND THE FINDINGS PRESENTED TO IESIS STRUCTURES TO AMEND THE DESIGN ACCORDINGLY.

2.4. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING DISRUPTIONS TO 'LIVE' DRAINAGE IS KEPT TO A MINIMUM.

2.5. ALL DRAINAGE POINT OF CONNECTIONS OR OUTFALLS (SEWERS, WATERCOURSES, BODIES OF WATER AND/OR STRUCTURES/OUTFALLS) ARE TO HAVE THEIR EXISTING LEVELS VERIFIED ONSITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS TO ALLOW A REVIEW OF THE DRAINAGE DESIGN & REDESIGN IF REQUIRED. IF ANY EXISTING LEVELS ARE FOUND TO BE HIGHER (+10mm) OR SIGNIFICANTLY LOWER (-0.300mm) THAN SHOWN ON THE DRAWINGS THEN IESIS STRUCTURES IS TO BE NOTIFIED IMMEDIATELY. FAILURE TO NOTIFY IESIS STRUCTURES WITHIN 5 WORKING OF THE DISCREPANCY BEING NOTED. ALL OFFSITE WORKS ARE TO BE COMPLETED PRIOR TO ANY ONSITE WORKS, OR THE CONTRACTOR TAKES ON THE RESPONSIBILITY TO ENSURE THERE ARE NO OBSTRUCTIONS OR OTHER REASONS WHY THESE WORKS CAN'T BE CONSTRUCTED AS SHOWN.

2.6. THE STORAGE OF ALL MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR, AND IF DAMAGED DUE TO IMPROPER HANDLING AND/OR STORAGE, THE CONTRACTOR SHALL REPLACE THE ITEMS AT THEIR COST.

3. ABANDONMENT OF EXISTING UTILITIES & RELATED STRUCTURES

3.1. REDUNDANT DRAINS/SEWERS PASSING OR LOCATED WITHIN THE FOOTPRINT OF PROPOSED BUILDINGS ARE TO HAVE THE PORTION OF DRAIN/SEWER PLUS 0.5m BEYOND THE FOOTPRINT REMOVED.

3.2. REDUNDANT DRAINS/SEWERS OUTSIDE OF THE PROPOSED BUILDING FOOTPRINT ARE TO BE FILLED WITH CEMENT GROUT AT EITHER END FOR A MINIMUM LENGTH OF 300mm. IF THE SEWER EXTENDS BEYOND THE SITE, THE SEWER IS TO BE CUT AT THE SITE BOUNDARY AND THE END CAPPED WITH CEMENT GROUT FOR A MINIMUM LENGTH OF 300mm; SEWERS/DRAINS OR SEGMENTS THAT ARE LESS THAN 1m ARE TO BE REMOVED COMPLETELY. ALTERNATIVELY, THE CONTRACTOR MAY REMOVE ALL OF THE REDUNDANT PIPE IF THEY SO CHOOSE AT THEIR COST.

3.3. REDUNDANT MANHOLES, CHAMBERS OR OTHER STRUCTURES ARE TO BE REMOVED TO A DEPTH OF 0.5m FROM FINISHED GROUND LEVEL. THE BASE / FLOOR OF THE UNIT IS TO BE BROKEN OUT FOR ITS ENTIRETY OR CORE DRILLED WITH 100mm DIA. HOLES IN A 600mm GRID PATTERN (MIN. 2 HOLES) AND BACKFILLED WITH SELECTED AS DUG MATERIAL IN SOFT LANDSCAPING AREAS OR TYPE 2 MATERIAL IN ALL OTHER AREAS.

3.4. PETROL INTERCEPTORS, GREASE TRAPS, PACKAGE TREATMENT PLANTS OR OTHER UNITS/STRUCTURES TO TREAT FOUL OR SURFACE WATER ARE TO FOLLOW THE STEPS AS PER 3.3 WITH SOME ADDITIONAL STEPS. ALL M&E EQUIPMENT AND ANY ITEM THAT MAY LEACH HARMFUL TOXINS (I.E. LEAD, MERCURY) ARE TO BE REMOVED. THE LIQUID CONTENTS ARE TO BE REMOVED BY A LICENSED TANKERING COMPANY.

3.5. ALL WASTE GENERATED BY THE ABANDONMENT OF THE DRAINS/SEWERS, MANHOLES AND OTHER CHAMBERS/STRUCTURES ARE TO BE TAKEN TO A LICENCED DISPOSAL FACILITY.

3.6. THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT AN ASBESTOS SURVEY ON CONCRETE STRUCTURES TO BE REMOVED AND TAKING THE APPROPRIATE ACTION BASED ON THE RESULT OF THE ASBESTOS SURVEY/TESTING.

4. EXCAVATIONS & TEMPORARY WORKS

4.1. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE TRENCHES AT ALL TIMES, DEVELOPING A METHOD STATEMENT THAT INCLUDES REGULAR TRENCH INSPECTIONS, SAFE INGRESS & EGRESS AND EMERGENCY PROCEDURES FOR TRENCH COLLAPSES.

4.2. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE TRENCHES ARE KEPT FREE OF STANDING WATER.

4.3. ALL DRAINAGE OUTSIDE OF THE PROPOSED BUILDING FOOTPRINTS HAVE BEEN DESIGNED FOR CONSTRUCTION VEHICLE LOADING BASED ON FINISHED COVER DEPTH MINUS 200mm. WHERE PIPES HAVE A FINISHED COVER DEPTH LESS THAN 600mm, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE PROTECTION FROM CRUSHING DUE TO CONSTRUCTION VEHICLE TRAFFIC.

4.4. WHEN REQUIRED THE CONTRACTOR SHALL PROVIDE SUFFICIENT CALCULATION AND/OR METHOD STATEMENTS TO SUBSTANTIATE ANY PROPOSED TEMPORARY WORKS A MIN. 14DAYS PRIOR TO SUCH WORKS.

5. GENERAL

5.1. ALL COVER LEVELS SHOWN ON THE DRAINAGE PLAN ARE APPROXIMATE. EXACT LEVELS OF PROPOSED COVERS TO BE DETERMINED ONSITE TO MATCH THE PROFILE OF THE SURROUNDING GROUND. LEVEL DISCREPANCIES OF +/-100MM TO BE REPORTED TO IESIS STRUCTURES IMMEDIATELY.

5.2. GULLY POSITIONS ARE APPROXIMATE AND ARE TO BE ADJUSTED LOCALLY TO THE LOW POINT. IF THE GULLY POSITION IS MORE THAN 1m FROM THE SHOWN POSITION OR GRADIENTS AMENDED SIGNIFICANTLY TO FALL TOWARDS THE SHOWN GULLY POSITION, THE CONTRACTOR SHALL INFORM IESIS STRUCTURES IMMEDIATELY.

5.3. FOUL STACKS AND RAINWATER PIPES ARE PROVIDED BY THE ARCHITECT/M&E CONSULTANT (REFER TO THE ARCHITECT/M&E CONSULTANT DRAWINGS FOR EXACT POSITIONS).

5.4. ALL FOUL STACKS AND RAINWATER PIPES ARE TO HAVE RODDING ACCESS AT GROUND (NO GREATER THAN 600mm ABOVE FFL) LEVEL UNLESS STACK CONNECTS DIRECT TO A TYPE 1 OR 2 MANHOLE (MIN. 1200mm DIAMETER).

5.5. ALL MATERIALS TO BE KITE MARKED WITH THE RELEVANT BS AND/OR BS EN STANDARD.

5.6. EXPOSED OPEN PIPES, ACCESS POINTS OR OPENINGS IN CHAMBERS TO BE TEMPORARILY SEALED/PROTECTED TO PREVENT THE INGRESS OF MATERIALS OR RODENTS.

5.7. ALL CONNECTIONS TO BE SOFFIT TO SOFFIT CONNECTION.

5.8. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING A DETAILED RECORD OF THE INSTALLATION OF THE DRAINAGE DESIGN IS TAKEN AND PASSED ONWARDS TO THE PLANNING AUTHORITY TO DISCHARGE PLANNING CONDITIONS. IT IS ADVISED THE CONTRACTOR CONTACTS THE PLANNING AUTHORITY AT AN EARLY STAGE TO CONFIRM THEIR SPECIFIC REQUIREMENTS TO ENSURE SUFFICIENT & THE CORRECT EVIDENCE IS SUBMITTED; POST CONSTRUCTION INTRUSIVE INVESTIGATIONS TO BE CARRIED OUT AT THE CONTRACTORS COST.

6. PIPEWORK

6.1. CONNECTIONS FROM RAINWATER PIPES TO ACCESS POINTS OR MAIN DRAIN RUNS TO BE SAME DIAMETER AS PER THE RAINWATER PIPE SPECIFIED BY THE ARCHITECT/M&E CONSULTANT; DRAINS/SEWERS THEREAFTER TO BE MIN. 150mm DIAMETER. CONNECTIONS UNDER BUILDINGS TO BE LAID NO FLATTER THAN 1:40 AND ALL OTHER DRAINS/SEWERS LAID NO FLATTER THAN 1:150 UNLESS SPECIFICALLY STATED ON THE DRAINAGE LAYOUT.

6.2. CONNECTIONS FROM FOUL STACKS TO ACCESS POINTS OR MAIN DRAIN RUNS TO BE THE SAME DIAMETER AS PER THE FOUL STACK DIAMETER SPECIFIED BY THE ARCHITECT/M&E CONSULTANT; DRAINS/SEWERS THEREAFTER TO BE MIN. 150mm DIAMETER. CONNECTIONS AND DRAINS/SEWERS TO BE LAID NO FLATTER THAN 1:40 IF NO W.C. DISCHARGES TO THE DRAIN/SEWER, NO FLATTER THAN 1:80 IF A MINIMUM 1 W.C . DISCHARGES TO THE DRAIN/SEWER, AND 1:150 IF THE SEWER SERVES 10 OR MORE DWELLINGS.

6.3. LAYING OF PIPEWORK TO BE TRUE AND CONSISTENT GRADIENT FOR THE FULL LENGTH WITH SOCKETS FACING UPHILL.

6.4. ALL PIPES TO BE CUT CLEAN AND FILED TO ENSURE ALL BURS HAVE BEEN REMOVED.

6.5. ALL CLAY PIPEWORK TO BE 'SUPER STRENGTH' VITRIFIED CLAY TO BS 65, BS EN 295. ALL PLASTIC PIPEWORK TO BE uPVC TO BS EN 1201. ALL PIPEWORK TO BE ADOPTED OR SERVING MORE THAN 1 CURTILAGE TO BE CLAY PIPEWORK.

6.6. PIPE BEDDING SPECIFIED TO BE APPLIED FOR THE FULL LENGTH OF THE DRAIN/SEWER AND IS BASED ON THE FULL COVER DEPTH MINUS 200mm WITH CONSTRUCTION TRAFFIC LOADING. CONTRACTOR RESPONSIBLE FOR REVIEWING THE PROTECTION OF THE DRAINAGE IF THE COVER DEPTH IS REDUCED.

6.7. GRANULAR FILL MATERIAL TO BE NATURAL TO WATER INDUSTRY SPECIFICATION WIS 4-08-02, COMPACTED IN 100mm LAYERS FOR THE FULL WIDTH OF THE TRENCH. SELECTED AS DUG MATERIAL COMPACTED IN 300mm THICK LAYERS FOR THE FULL WIDTH OF THE TRENCH FREE FROM VEGETATION MATTER, RUBBISH, FROZEN SOIL AND MATERIAL RETAINED IN A 40mm SIEVE. HEAVY COMPACTORS NOT PERMITTED UNTIL 600mm COVER IS LAID.

6.8. ALL BLIND CONNECTIONS TO BE MADE AS SHOWN WITH THE FINAL CONNECTION BETWEEN SEWER RUNS CREATED USING RADIUS BENDS OR MIN 2 BENDS OF WHICH NEITHER IS GREATER THAN 45° AND 1 ROCKER PIPE. REFER TO SADDLE DETAIL ONT HE DRAINAGE DETAILS PLAN(S) FOR FURTHER INFORMATION. ALL CONNECTIONS TO BE SOFFIT TO SOFFIT

6.9. PIPES CROSSINGS WITH LESS THAN 100mm OF SEPARATION TO BE CONCRETE ENCASED AS PER THE PIPE CROSSING DETAIL WITHIN THE DRAINAGE DETAILS DRAWING(S).

7. CONCRETE

7.1. ALL BURIED INSITU CONCRETE SHALL BE DESIGNED TO BRE SPECIAL DIGEST 1 - CONCRETE IN AGGRESSIVE GROUND BASED ON SITE INVESTIGATION REPORT RECOMMENDATIONS SUMMARIZED IN TABLE 2 WITHIN THIS DRAWING. WHERE APPROPRIATE, REFER TO CONTAMINATION REPORTS AND THE SITE INVESTIGATION REPORT FOR FURTHER DETAILS OF CHEMICALS AFFECTING CHOICE OF MATERIALS AND OTHER ADDITIONAL REQUIREMENTS.

7.2. ALL BURIED PRECAST CONCRETE, INSITU CONCRETE AND MORTARS SHALL BE SULPHATE RESISTING AS RECOMMENDED BY THE SITE INVESTIGATION REPORT SUMMARIZED IN TABLE 2 WITHIN THIS DRAWING.

7.3. CONCRETE TO BS 8500-2 AND EITHER TYPE GEN1 OR GEN3 WITH AGGREGATES HAVING A MAXIMUM SZE OF 20mm TO BS 8500-2 AND BS EN 12620. CONSISTENCE AND CHLORIDE CLASS 4 AND CI TO 1.0 RESPECTIVELY.

7.4. ALL READY MIXED CONCRETE TO BE SOURCED FROM A BODY ACCREDITED BY UKAS TO BS EN ISO/IEC 17065 FOR PRODUCT CONFORMITY CERTIFICATION OF READY MIXED CONCRETE.

7.5. ALL CASTINGS TO BE SINGLE POUR EXCEPT WHERE DRAINAGE DETAILS INDICATE CONSTRUCTION JOINTS.

7.6. CASTING INSITU CONCRETE WHEN AT OR BELOW 5°C IS PROHIBITED. THE CONTRACTOR IS RESPONSIBLE FOR EMPLOYING A METHODOLOGY TO ENSURE THE TEMPERATURE OF INSITU CONCRETE DOES NOT FALL BELOW 5°C DURING THE CURING PERIOD.

8. MORTAR

8.1. MORTAR TO BS EN 998-2 MIXED TO GROUP 1 WITH SULPHATE RESISTANCE AS PER TABLES X BELOW. REFER TO THE DRAINAGE SPECIFICATION FOR FURTHER DETAILS OF MORTAR MIXTURES.

8.2. ALL JOINTS TO BE FILLED FLUSH WITH THE BRICK FACE AND FOR THEIR ENTIRE LENGTH.

8.3. MORTAR JOINTS TO HAVE A STRENGTH CLASS OF 32.5.

9. BRICKWORK

9.1. ALL BRICKWORK TO BE ENGINEERING CLASS B TYPE TO EN 77-1 LAID TO ENGLISH BOND STYLE.

9.2. BRICKWORK AND BLOCKWORK COURSES LAID LEVEL AND TRUE TO LINE WITH FACES AND ANGLES PLUMB.

9.3. PERMISSIBLE DEVIATIONS FOR STRAIGHTNESS IS ±5mm FOR EVERY 5m OF WALL AND FOR OVERALL THICKNESS OF WALLS, LEVEL OF BED JOINTS AND VERTICALLY OF WALL UP TO 3m IS ±3mm.

9.4. LAYING OF BRICKWORK AND BLOCKWORK PROHIBITED WHEN AT OR BELOW 5°C. THE CONTRACTOR IS RESPONSIBLE FOR EMPLOYING A METHODOLOGY TO ENSURE THE TEMPERATURE OF THE MORTAR DOES NOT FALL BELOW 5°C DURING THE CURING PERIOD.

10. PRECAST CONCRETE CHAMBERS (MANHOLES, INSPECTION CHAMBERS)

10.1. DIMENSIONS FOR MANHOLES (INCLUDING CATCHPITS, FLOW CONTROL CHAMBERS, SOAKAWAYS ETC.), INSPECTION CHAMBERS, OTHER CHAMBERS AND ACCESS FITTINGS ARE SPECIFIED ON THE MANHOLE SCHEDULE OR DRAINAGE DETAILS. ANY ITEM NOT SPECIFIED WITHIN EITHER LOCATION IS STATED IN APPROVED DOCUMENT H, TABLES 11 AND 12 WITH STANDARDS FOR MATERIALS STATED IN TABLE 14.

10.2. MANHOLES, INSPECTION CHAMBERS AND ACCESS POINTS HAVE THEIR ACCESS COVER LOADING CLASS SPECIFIED WITHIN THE MANHOLE SCHEDULE. ANY ITEM NOT WITHIN THIS LIST(S) IS TO HAVE THEIR COVERS, ACCESS COVER & FRAMES, GRATINGS ETC. DESIGNED TO A SUITABLE LOAD CLASS TO ONE OF THE FOLLOWING:

- B125 = PEDESTRIAN AREAS (NOT ACCESSIBLE BY VEHICLES)
- C250 = PEDESTRIAN AREAS WITH THE POTENTIAL OF VEHICLE LOADING
- D400 = ALL ARES DESIGNED FOR VEHICLE TRAFFIC INCL. LIGHTLY TRAFFICKED AREAS

10.3. GRATINGS IN ALL PEDESTRIAN AREAS TO BE HEEL SAFE.

10.4. CHAMBER INVERT LEVELS ARE FOR THE OUTLET PIPE WITH INLETS SOFFIT TO SOFFIT CONNECTION

10.5. MANHOLE COVER SLABS DESIGNED TO D400 LOADING.

10.6. FINAL ORIENTATION OF ACCESS COVERS TO BE DETERMINED ONSITE TO REDUCE THE CUTTING OF ADJACENT BLOCKS, PAVIOURS, SETTS AND BEST SUIT THE MANHOLE BENCHING.

11. PROPRIETARY PRODUCTS

11.1. PROPRIETARY PRODUCTS SPECIFIED WITHIN THIS DESIGN ARE TO BE USED AND ONLY ALTERNATIVE PRODUCTS OF MATCHING QUALITY, STANDARDS AND DESIGN CHARACTERISTICS AS NOTED WITHIN THESE DRAWINGS AND SPECIFICATIONS.

11.2. ALL PROPRIETARY PRODUCTS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER SPECIFICATIONS & RECOMMENDATIONS. WHERE THERE ARE CONFLICTS BETWEEN THE MANUFACTURER SPECIFICATIONS & RECOMMENDATIONS AND IESIS STRUCTURE DESIGN (DRAWINGS & SPECIFICATIONS), THESE CONFLICTS ARE TO BE BROUGHT TO THE ATTENTION OF ISESIS STRUCTURES IMMEDIATELY TO RESOLVE THE CLASH.

12. COMPLETION

12.1. ALL CHAMBERS TO BE INSPECTED TO ENSURE THEY ARE FREE OF DEBRIS AND SILT AND ANY UNUSED INLETS/OUTLETS SUITABLY CAPPED TO PREVENT THE INGRESS OF WATER AND RODENTS.

12.2. ALL DRAINS/SEWERS CCTV'D, IN ACCORDANCE WITH IESIS STRUCTURES CCTV SPECIFICATION, TO ENSURE THEY HAVE NOT BEEN DAMAGED DURING THE PROPOSED WORKS. ANY SECTION OF PIPE DAMAGED IN ANY FASHION IS TO BE REPLACED AT THE CONTRACTORS COST.

12.3. ALL DRAINS/SEWERS TO BE TESTED IN ACCORDANCE WITH IESIS STRUCTURES SPECIFICATION TO ENSURE THERE ARE NO PIPE FAILURES.

TABLE 1 - ROCKER PIPE LENGTHS (mm)

NOMINAL PIPE Ø	MAXIMUM EFFECTIVE LENGTH
< 600	600
601 - 750	1000
> 750	1250

TABLE 2 - CONCRETE IN AGGRESSIVE CONDITIONS & SULPHATE RESISTANCE

DESIGN SULFATE CLASS	DS-1
ACEC CLASSIFICATION	AC-1

REV	DATE	DRAWN/CHK	REVISION INFO
C03	10.03.20	PL/PL	MINOR TEXT AMENDMENT.
C02	21.02.20	PL/PL	DRAWING STATUS UPDATED.
C01	24.01.20	PL/PL	FOR CONSTRUCTION

STATUS:

FOR CONSTRUCTION

CLIENT:

SAVISTA DESIGN AND BUILD

PROJECT:

POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:

PROPOSED
DRAINAGE NOTES

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	NTS	S4

DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3004 REVISION: C03

IESIS STRUCTURES

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MANCHESTER COMMERCIAL WHARF | 6 COMMERCIAL STREET MANCHESTER, M15 4PZ | UK T: +44 (0)845 643 2741
www.iesisgroup.com

ARUN DISTRICT COUNCIL A1820/DOC

NETWORK SERVING OUTFALL 1 (SOAKAWAY REF CS1)

MANHOLE REFERENCE	LEVELS			TYPE				DOWNSTREAM MANHOLE REFERENCE
	COVER	INVERT	DEPTH	SFA TYPE	FEATURE	DIMENSIONS (ø OR LxW)	COVER LOAD CLASS	
S1.01	14.650	13.930	0.720	3A	-	450	B125	S1.02
S1.02	14.650	13.400	1.250	3A	-	450	B125	S1.03
S1.03	14.650	13.200	1.450	3B	-	450x600	B125	S1.04
S1.04	14.650	13.000	1.650	3B	-	450x600	B125	S1.05
S1.05	14.650	12.800	1.850	3A	-	450	B125	S1.06
S1.06	14.500	12.700	1.800	2	-	1200	B125	S1.07
S1.07	14.500	12.450	2.050	2	CP1	1200	D400	CS1
S1.08	14.750	13.930	0.820	3A	-	450	B125	S1.03
S1.09	14.750	14.000	0.750	3A	-	450	B125	S1.10
S1.10	14.700	13.830	0.870	3A	-	450	B125	S1.03
S1.11	14.750	13.930	0.820	3A	-	450	B125	S1.04
S1.12	14.750	14.000	0.750	3A	-	450	B125	S1.06
S1.13	14.750	13.900	0.850	3A	-	450	B125	S1.14
S1.14	14.710	13.200	1.510	3B	-	450x600	B125	S1.15
S1.15	14.670	13.100	1.570	2	-	1200	D400	S1.16
S1.16	14.550	12.880	1.670	2	-	1200	D400	S1.17
S1.17	14.570	12.640	1.930	2	-	1200	D400	S1.18
S1.18	14.550	12.500	2.050	2	-	1200	D400	S1.19
S1.19	14.480	12.400	2.080	2	CP1	1200	D400	CS1
S1.20	14.750	13.900	0.850	3A	-	450	B125	S1.14
S1.21	14.750	14.00	0.750	3A	-	450	B125	S1.22
S1.22	14.700	13.830	0.870	3A	-	450	B125	S1.23
S1.23	14.685	13.400	1.285	3A	-	450	B125	S1.15
S1.24	14.750	13.500	1.250	3A	-	450	B125	S1.24
S1.25	14.750	13.200	1.550	3A	-	450	B125	S1.16
S1.26	14.750	13.700	1.050	3A	-	450	B125	S1.27
S1.27	14.750	13.300	1.450	3A	-	450	B125	S1.18

NETWORK SERVING OUTFALL 2 (SOAKAWAY REF CS2)

MANHOLE REFERENCE	LEVELS			TYPE				DOWNSTREAM MANHOLE REFERENCE
	COVER	INVERT	DEPTH	SFA TYPE	FEATURE	DIMENSIONS (ø OR LxW)	COVER LOAD CLASS	
S2.01	14.750	13.970	0.780	3A	-	450	B125	S2.02
S2.02	14.650	13.500	1.150	3A	-	450	B125	S2.04
S2.04	14.650	13.280	1.370	3B	-	450x600	B125	S2.05
S2.05	14.650	13.220	1.430	3A	-	450	B125	S2.06
S2.06	14.650	13.020	1.630	2	CP1	1200	B125	CS2
S2.07	14.750	13.930	0.820	3A	-	450	B125	S2.04
S2.08	14.750	13.930	0.820	3A	-	450	B125	S2.04
S2.09	14.750	14.000	0.750	3A	-	450	B125	S2.06

NETWORK SERVING OUTFALL 3 (SOAKAWAY REF CS3)

MANHOLE REFERENCE	LEVELS			TYPE				DOWNSTREAM MANHOLE REFERENCE
	COVER	INVERT	DEPTH	SFA TYPE	FEATURE	DIMENSIONS (ø OR LxW)	COVER LOAD CLASS	
S3.01	14.740	13.800	0.940	3A	-	450	B125	S3.02
S3.02	14.700	13.150	1.550	3B	-	450x600	B125	S3.03
S3.03	14.670	12.900	1.770	3A	-	450	B125	S3.04
S3.04	14.670	12.800	1.870	2	-	1200	B125	S3.05
S3.05	14.740	12.530	2.210	2	CP1	1200	B125	CS3
S3.08	14.740	13.850	0.890	3A	-	450	B125	S3.09
S3.09	14.740	13.750	0.990	3A	-	450	B125	S3.02
S3.10	14.740	13.600	1.140	3A	-	450	B125	S3.11
S3.11	14.740	13.430	1.310	3A	-	450	B125	S3.12
S3.12	14.740	13.380	1.360	3A	-	450	B125	S3.03
S3.13	14.750	13.900	0.850	3A	-	450	B125	S3.11
S3.14	14.740	14.000	0.740	3A	-	450	B125	S3.05

NETWORK SERVING OUTFALL 4 (SOAKAWAY REF CS4)

MANHOLE REFERENCE	LEVELS			TYPE				DOWNSTREAM MANHOLE REFERENCE
	COVER	INVERT	DEPTH	SFA TYPE	FEATURE	DIMENSIONS (ø OR LxW)	COVER LOAD CLASS	
S4.01	13.390	12.300	1.090	2	-	1200	D400	S4.02
S4.02	14.000	12.120	1.880	2	-	1200	D400	S4.03
S4.03	14.700	11.970	2.730	2	CP1	1200	D400	CS4

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DRAINAGE LAYOUT (REF PP-ISS-XX-XX-DR-C-3011 TO PP-ISS-XX-XX-DR-C-3013) AND THE DRAINAGE DETAILS (REF PP-ISS-XX-XX-DR-C-3201).
2. FEATURES LISTED IN HE MANHOLE SCHEDULE:
   CP1 = CATCHPIT TYPE 1
3. DOWNSTREAM MANHOLES REFERENCED AS 'BC' ARE BLIND CONNECTIONS BETWEEN CHAMBERS.

P01 20.11.19 KD/TW FOR APPROVAL
REV DATE DRAWN/CHK REVISION INFO

STATUS:
FOR CONSTRUCTION

CLIENT:
SAVISTA DESIGN AND BUILD

PROJECT:
POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:
PROPOSED SURFACE WATER
MANHOLE SCHEDULE
62 BED LAYOUT

JOB NUMBER: SE1612
SCALE AT A1: N/A
REV. STATUS: S4

DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3110
REVISION: C02

iesis STRUCTURES
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ARUN DISTRICT COUNCIL A/1459/OUT

NETWORK SERVING OUTFALL 1 (PUBLIC FOUL WATER NETWORK)

MANHOLE REFERENCE	LEVELS			TYPE				DOWNSTREAM MANHOLE REFERENCE
	COVER	INVERT	DEPTH	SFA TYPE	FEATURE	DIMENSIONS (ø OR LxW)	COVER LOAD CLASS	
F1.01	14.750	14.000	0.750	3A	-	450	B125	F1.02
F1.02	14.690	13.800	0.890	3A	-	450	B125	F1.03
F1.03	14.690	13.460	1.230	3A	-	450	B125	F1.04
F1.04	14.720	13.210	1.510	3A	-	450	B125	F1.05
F1.05	14.720	13.110	1.610	3A	-	450	B125	F1.06
F1.06	14.600	12.550	2.069	2	-	1200	D400	F1.07
F1.07	14.400	12.400	2.000	2	-	1200	D400	F1.08
F1.08	13.725	12.200	1.525	2	-	1200	D400	F1.09
F1.09	13.050	11.650	1.400	2	-	1200	D400	F1.10
F1.10	13.050	11.450	1.600	2	-	1200	D400	OUTFALL
F1.11	14.750	14.000	0.750	3A	-	450	B125	F1.02
F1.12	14.750	13.960	0.790	3A	-	450	B125	F1.13
F1.13	14.690	13.810	0.880	3A	-	450	B125	F1.03
F1.14	14.750	13.960	0.790	3A	-	450	B125	F1.15
F1.15	14.750	13.810	0.940	3A	-	450	B125	F1.03
F1.16	14.750	13.960	0.790	2	-	1200	B125	F1.15
F1.17	14.750	13.800	0.950	3A	-	450	B125	F1.03
F1.18	14.750	13.950	0.800	3A	-	450	B125	F1.03
F1.19	14.750	13.950	0.800	3A	-	450	B125	F1.04
F1.20	14.750	13.950	0.800	3A	-	450	B125	F1.04
F1.21	14.750	14.000	0.750	3A	-	450	B125	F1.22
F1.22	14.750	13.830	0.920	3A	-	450	B125	F1.04
F1.23	14.750	13.950	0.800	3A	-	450	B125	F1.06
F1.24	14.740	13.940	0.810	3A	-	450	B125	F1.25
F1.25	14.750	13.710	1.030	3A	-	450	B125	F1.26
F1.26	14.650	13.510	1.140	3A	-	450	B125	F1.27
F1.26A	14.750	13.970	0.780	2	-	1200	B125	F1.27
F1.27	14.650	13.350	1.300	3A	-	450	B125	F1.??
F1.28	14.650	13.160	1.490	3B	-	450x600	B125	F1.28
F1.28A	14.700	13.970	0.730	2	-	1200	B125	F1.28
F1.29	14.550	12.661	1.889	3A	-	450	B125	F1.06
F1.30	14.750	14.000	0.750	3A	-	450	B125	F1.31
F1.31	14.750	13.830	0.920	3A	-	450	B125	F1.27
F1.32	14.750	13.980	0.770	3A	-	450	B125	F1.27
F1.33	14.750	14.000	0.750	3A	-	450	B125	F1.28
F1.34	14.750	13.990	0.760	3A	-	450	B125	F1.35
F1.35	14.750	13.820	0.930	3A	-	450	B125	F1.29
F1.36	14.750	14.000	0.750	3A	-	450	B125	F1.37
F1.37	14.650	13.330	1.320	2	-	1200	D400	F1.29
F1.38	14.750	14.000	0.750	3A	-	450	B125	F1.37
F1.39	14.750	14.000	0.750	3A	-	450	D400	F1.37
F1.40	14.750	14.000	0.750	3A	-	450	B125	F1.41
F1.41	14.750	13.830	0.920	3A	-	450	B125	F1.06
F1.42	14.800	13.400	1.400	2	-	1200	B125	F1.07

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DRAINAGE LAYOUT (REF PP-ISS-XX-XX-DR-C-3011 TO PP-ISS-XX-XX-DR-C-3013) AND THE DRAINAGE DETAILS (REF PP-ISS-XX-XX-DR-C-3201).
2. FEATURES LISTED IN HE MANHOLE SCHEDULE:
   CP1 = CATCHPIT TYPE 1
3. DOWNSTREAM MANHOLES REFERENCED AS 'BC' ARE BLIND CONNECTIONS BETWEEN CHAMBERS.

P01 20.11.19 KD/TW FOR APPROVAL
REV DATE DRAWN/CHK REVISION INFO

STATUS:
FOR CONSTRUCTION

CLIENT:
SAVISTA DESIGN AND BUILD

PROJECT:
POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:
PROPOSED FOUL WATER
MANHOLE SCHEDULE
62 BED LAYOUT

JOB NUMBER: SE1612 | SCALE AT A1: N/A | REV. STATUS: S4

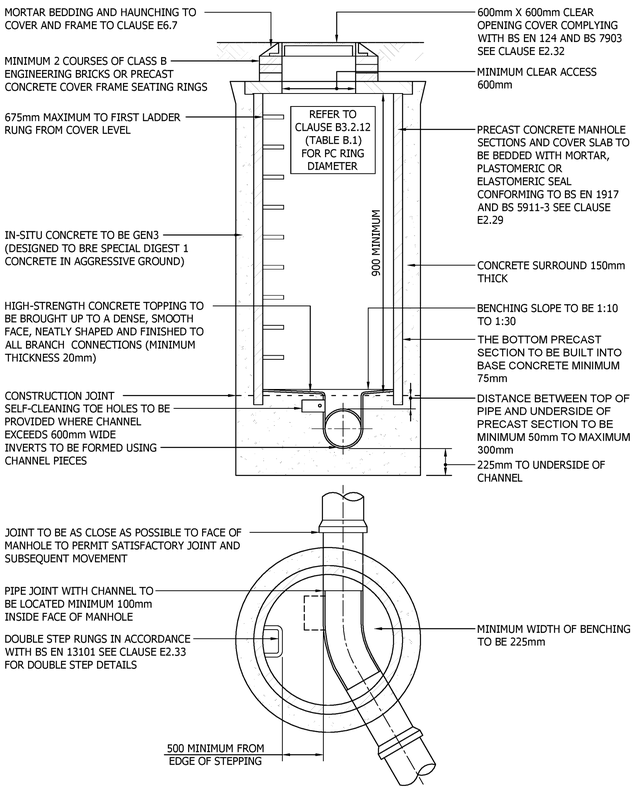
DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3111 | REVISION: C01

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ARUN DISTRICT COUNCIL A/1455/OUT

NOTES:

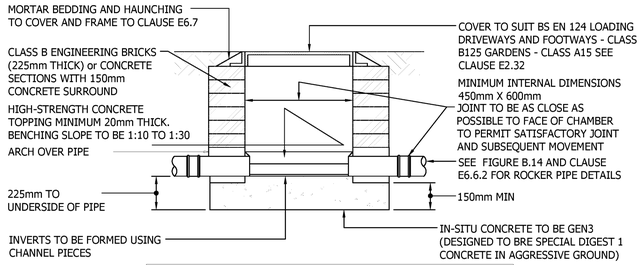
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DRAINAGE STANDARD NOTES DRAWING, REFERENCE PP-ISS-XX-XX-DR-C-3004.



SEWERS FOR ADOPTION TYPE 2 MANHOLE

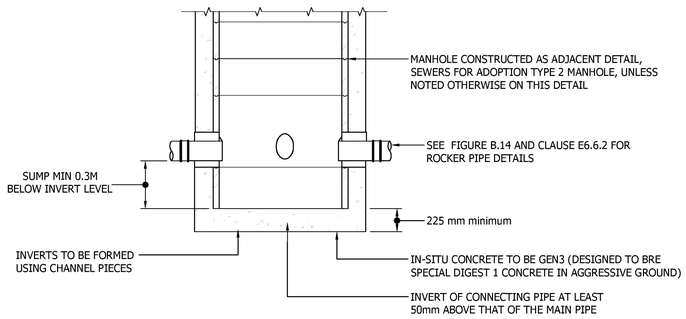
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m

TABLE B.1 - MANHOLE DIAMETERS	
NOMINAL INTERNAL DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	**MINIMUM NOMINAL INTERNAL DIMENSION OF MANHOLE (mm)**
LESS THAN 375	1200
375 - 450	1350
500 - 700	1500
750 - 900	1800
GREATER THAN 900	PIPE DIAMETER + 900



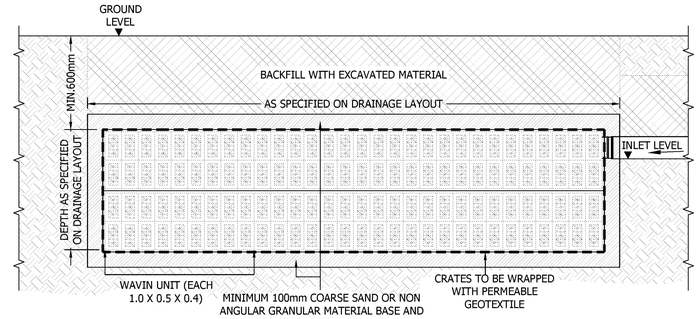
NOTE:
THE USE OF PRECAST RECTANGULAR CONCRETE MANHOLE UNITS WITH 150mm GRADE GEN3 CONCRETE SURROUND (DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGGRESSIVE GROUND) IS PERMITTED.

TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4



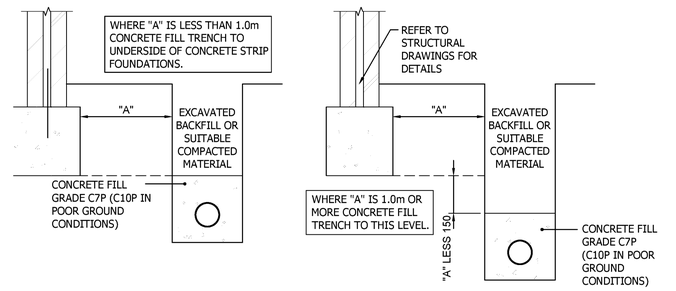
TYPICAL CATCHPIT CHAMBER DETAIL (REF CP1)

SUMP MIN.300mm
BELOW THE INVERT LEVEL

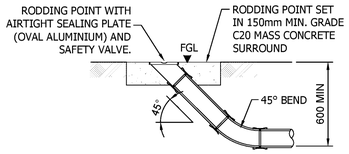


NOTE:
AQUACELL OR EQUIVALENT UNITS TO BE LAID PARALLEL WITH EACH OTHER. IN MULTIPLE LAYER APPLICATIONS, CONTINUOUS VERTICAL JOINTS SHOULD BE AVOIDED AND LAID IN A "BRICK BONDED" FORMATION.
FOR SINGLE LAYER APPLICATIONS USE THE WAVIN CLIPS AND FOR MULTI LAYERS USE WAVIN CLIPS AND WAVIN SHEAR CONNECTORS.
ALL AQUACELL EQUIVALENT UNITS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

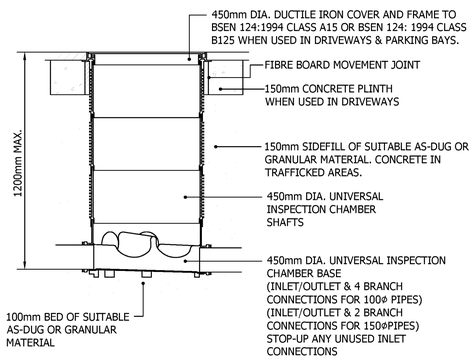
TYPICAL SOAKAWAY DETAIL "WAVIN AQUACELL"



PIPE RUNS NEAR BUILDING FOUNDATIONS

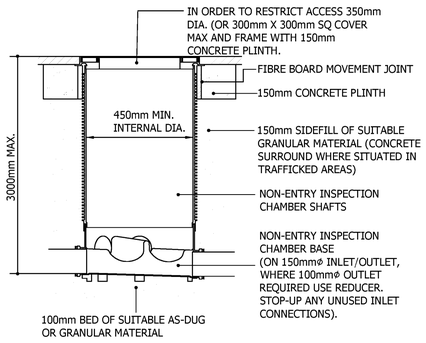


EXTERNAL RODDING EYE



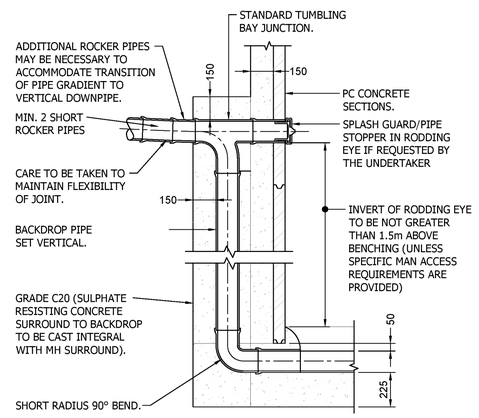
SEWERS FOR ADOPTION TYPE 4A MANHOLE

INSPECTION CHAMBER WITH MAXIMUM DEPTH OF 1.2m, FOR USE IN SOFT AREAS, DRIVEWAYS AND PARKING BAYS ONLY
(SCALE 1:20)



SEWERS FOR ADOPTION TYPE 3A MANHOLE

INSPECTION CHAMBER WITH MAXIMUM DEPTH OF 3.0m, FOR USE IN SOFT AREAS, DRIVEWAYS AND PARKING BAYS ONLY
(SCALE 1:20)



TYPICAL EXTERNAL BACKDROP DETAIL

FOR USE IN SOFT AREAS, DRIVEWAYS AND PARKING BAYS ONLY
(SCALE 1:20)

REV	DATE	DRAWN/CHK	REVISION INFO
C03	10.03.20	PL/PL	DETAILS MOVED TO SHEET 2.
C02	21.02.20	PL/PL	PIPE CROSSING WITH MINIMAL SEPARATION DETAIL ADDED
C01	24.01.20	PL/PL	NOTES AMENDED, ISSUED FOR CONSTRUCTION
P02	15.11.19	PL/PL	TYPE 4 MANHOLE ADDED
P01	31.10.19	HJB/PL	PRELIMINARY ISSUE

STATUS:
FOR CONSTRUCTION

CLIENT:
SAVISTA DESIGN AND BUILD

PROJECT:
POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:
PROPOSED DRAINAGE DETAILS (SHEET 1)

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	N.T.S.	S4

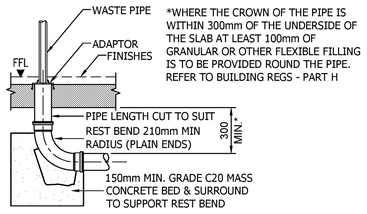
DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3201 REVISION: C03

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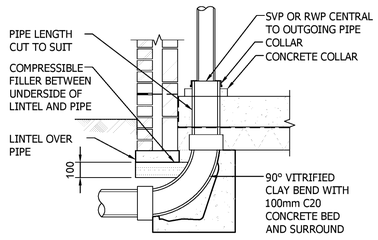
ARUN DISTRICT COUNCIL AI/8/2020C

NOTES:

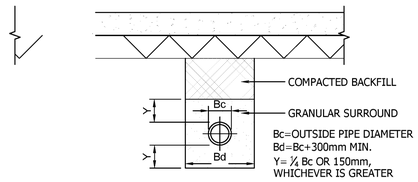
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DRAINAGE STANDARD NOTES DRAWING, REFERENCE PP-ISS-XX-XX-DR-C-3004.



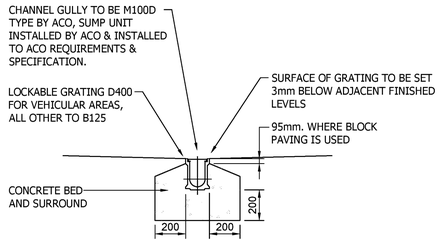
INTERNAL WASTE



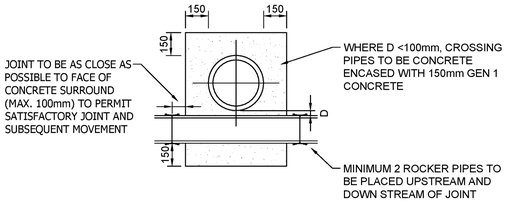
INTERNAL SVP/RWP



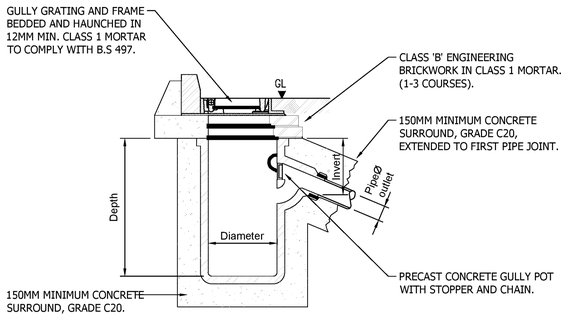
PIPEWORK UNDER SLABS



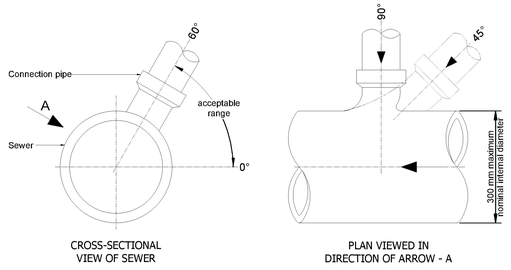
LINEAR DRAINAGE CHANNEL



PIPES CROSSING WITH MINIMAL SEPARATION



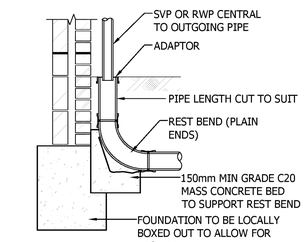
TYPICAL ROAD GULLY DETAIL



CROSS-SECTIONAL VIEW OF SEWER

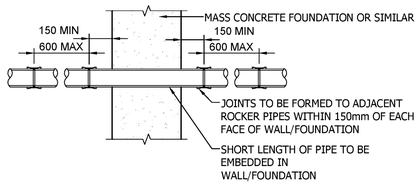
PLAN VIEWED IN DIRECTION OF ARROW - A

CONNECTIONS TO SEWER



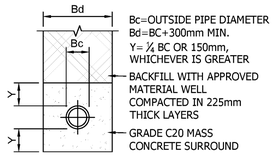
EXTERNAL RWP

ABOVE DETAIL IS ONLY TO BE USED WHERE SVP/RWP CONNECTS DIRECTLY TO ACCESS CHAMBER, INSPECTION CHAMBER OR MANHOLE

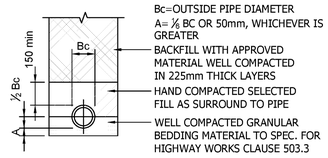


IF VOID IS PRE-FORMED THROUGH FOUNDATION USING A SLEEVE OR SIMILAR, REMAINING VOID BETWEEN PIPE AND SLEEVE TO BE COMPLETELY SEALED BOTH SIDES WITH RIGID SHEET MATERIAL OR FILLED USING WATERPROOF EXPANDING FOAM SEALANT OR SIMILAR APPROVED

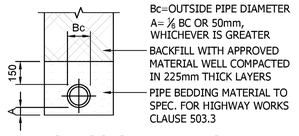
PIPE/FOUNDATION JUNCTION



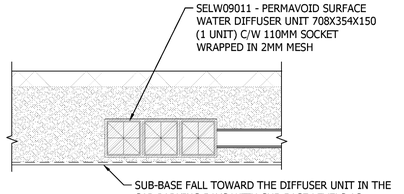
CLASS Z BEDDING (CONCRETE BED & SURROUND)



CLASS B BEDDING (GRANULAR BED & HAUNCH)



CLASS S BEDDING (GRANULAR BED & SURROUND)



SUB-BASE SURFACE WATER DIFFUSER TYPE DETAIL

C01 10.03.20 PL/PL ISSUED FOR CONSTRUCTION

REV DATE DRAWN/CHK REVISION INFO

STATUS:

FOR CONSTRUCTION

CLIENT:

SAVISTA DESIGN AND BUILD

PROJECT:

POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:

PROPOSED DRAINAGE DETAILS (SHEET 2)

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	N.T.S.	S4

DRAWING NUMBER:	REVISION:
PP-ISS-XX-XX-DR-C-3202	C01

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ARUN DISTRICT COUNCIL A1450/DOC



CONSTRUCTION FROM FINISHED SURFACE TO FORMATION LEVEL:

- SURFACE COURSE (1): AS PER LANDSCAPE ARCHITECTS SPECIFICATIONS (MINIMUM THICKNESS 60mm)
- LAYING COURSE: 50mm SHARP SAND TO BLOCK PAVING MANUFACTURER SPECIFICATION
- SUB-BASE LAYER: 350mm OF TYPE 1 MATERIAL
- FORMATION LEVEL
- BULK FILL (WHERE REQUIRED): GRANULAR MATERIAL
- SUB-FORMATION LEVEL

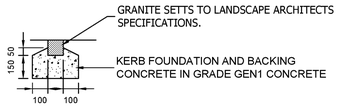
PAVEMENT CONSTRUCTION 'P1': CONCRETE FLAG PAVING FOOTPATH



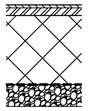
CONSTRUCTION FROM FINISHED SURFACE TO FORMATION LEVEL:

- SURFACE COURSE: AS PER LANDSCAPE ARCHITECTS SPECIFICATIONS
- SUB-BASE LAYER: 250mm OF TYPE 1 MATERIAL
- FORMATION LEVEL
- BULK FILL (WHERE REQUIRED): GRANULAR MATERIAL
- SUB-FORMATION LEVEL

PAVEMENT CONSTRUCTION 'P2':RESIN BOUND GRAVEL FOOTPATH



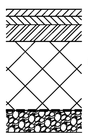
PAVEMENT CONSTRUCTION 'P3':GRANITE SETTS



CONSTRUCTION FROM FINISHED SURFACE TO FORMATION LEVEL:

- SURFACE COURSE (2): 20mm THICK. AC 6 DENSE SURF 100/150
- BINDER LAYER: 50mm THICK. AC 10 OPEN BIN 160/220
- SUB-BASE LAYER: 200mm THICK GRANULAR MATERIAL TYPE 1
- FORMATION LEVEL
- BULK FILL (WHERE REQUIRED): GRANULAR MATERIAL
- SUB-FORMATION LEVEL

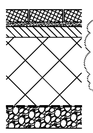
PAVEMENT CONSTRUCTION 'P4': TARMAC FOOTPATH



CONSTRUCTION FROM FINISHED SURFACE TO FORMATION LEVEL:

- SURFACE COURSE (3): 45mm HRA 30/14 F SURF 100/150
- BINDER LAYER: 55mm THICK. AC 20 DENSE BIN 100/150
- BASE LAYER: 110mm THICK. AC 32 DENSE BASE 100/150
- SUB-BASE LAYER: 450mm OF TYPE 1 MATERIAL
- FORMATION LEVEL
- BULK FILL (WHERE REQUIRED): GRANULAR MATERIAL
- SUB-FORMATION LEVEL

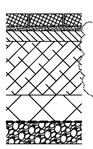
PAVEMENT CONSTRUCTION 'P5': TARMAC ROAD



CONSTRUCTION FROM FINISHED SURFACE TO FORMATION LEVEL:

- SURFACE COURSE (4): AS PER LANDSCAPE ARCHITECTS SPECIFICATIONS, MINIMUM 80mm THICK BLOCKS
- LAYING COURSE: 50mm SHARP SAND TO BLOCK PAVING MANUFACTURER SPECIFICATION
- BASE LAYER: 70mm THICK AC 32 DENSE BASE 100/150
- SUB-BASE LAYER: 450mm OF TYPE 1 MATERIAL
- FORMATION LEVEL
- BULK FILL (WHERE REQUIRED): GRANULAR MATERIAL
- SUB-FORMATION LEVEL

PAVEMENT CONSTRUCTION 'P6': NON PERMEABLE BLOCK PAVING

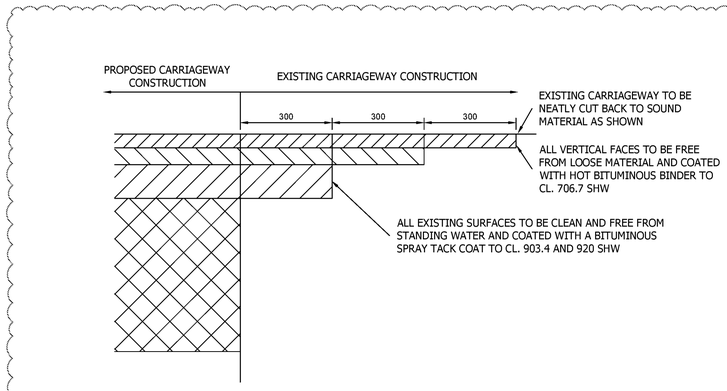


CONSTRUCTION FROM FINISHED SURFACE TO FORMATION LEVEL:

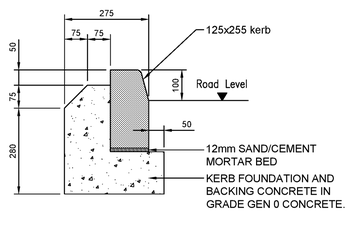
- SURFACE COURSE (4): AS PER LANDSCAPE ARCHITECTS SPECIFICATIONS, MINIMUM 80mm THICK BLOCKS
- LAYING COURSE: 50mm OPEN GRADED CRUSHED ROCK (6-10mm) TO BLOCK PAVING MANUFACTURER SPECIFICATION
- BASE LAYER: 70mm THICK. AC 32 DENSE BASE 100/150
- SUB-BASE CAYER: 350mm OF COURSE GRADE MATERIAL (63-10mm)
- MEMBRANE/GEOTEXTILE: IMPERMEABLE MEMBRANE
- SUB-BASE LAYER: 175mm OF TYPE 1 MATERIAL
- FORMATION LEVEL
- BULK FILL (WHERE REQUIRED): GRANULAR MATERIAL
- SUB-FORMATION LEVEL

PAVEMENT CONSTRUCTION 'P7': PERMEABLE BLOCK PAVING

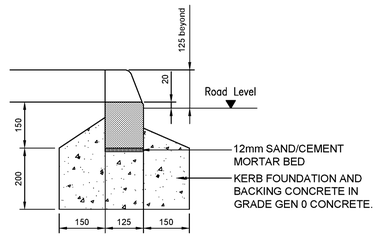
PAVEMENT DETAILS
SCALE 1:25



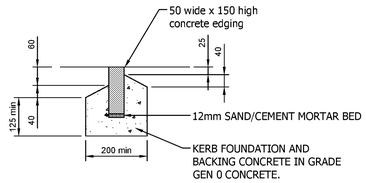
JOINT DETAIL BETWEEN PROPOSED AND EXISTING CARRIAGEWAY CONSTRUCTION
SCALE 1:10



'HB2' - HALF BATTER KERB DETAIL

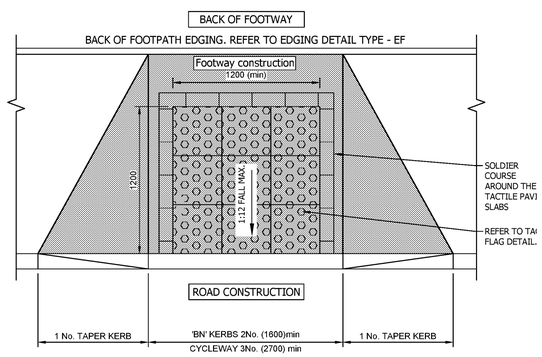


'DK' - DROP KERB DETAIL



'EF' - EDGING DETAIL

KERB DETAILS
SCALE 1:10



TYPICAL PEDESTRIAN CROSSING
SCALE 1:25

PAVEMENT SPECIFICATION:
DESIGN BASE DON CBR VALUE OF 2.5% AS PER GROUND INVESTIGATION REPORT PREPARED BY ASHDOWN SITE INVESTIGATION LTD. (REF: R18-12844, DATE: APRIL 2018). ALL STATED THICKNESS ARE POST COMPACTION THICKNESS.

SURFACE COURSE (1) - PAVING FLAGS: TO BS EN 1338:2003 AND A MINIMUM THICKNESS OF 50mm.

SURFACE COURSE (2) - TARMAC: IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSE 906 AND 907. MIXTURE TO B.S. EN 13108 PT:1:2006. AGGREGATE LAID AND COMPACTED TO MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 701, 702, 901 AND 903.

SURFACE COURSE (3) - TARMAC: IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSE 910. MIXTURE TO B.S. EN 13108 PT:4:2006, LAID AND COMPACTED TO MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 701, 702 AND 901. PRE-COATED CHIPPINGS TO B.S. EN 13108 PT:4:2006 ANNEX C. TO CLAUSES 915 AND 921.

SURFACE COURSE (4) - PAVING BLOCKS: TO BS 7533-13:2009 AND A MINIMUM THICKNESS OF 80mm.

BINDER COURSE - TARMAC: ASPHALT CONCRETE IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 906 AND 907. MIXTURE TO B.S. EN 13108 PT:1:2006, AGGREGATE LAID AND COMPACTED TO MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 701, 702, 901 AND 903.

BASE COURSE - TARMAC: IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 906 AND 907. MIXTURE TO B.S. EN 13108 PT:1:2006 AGGREGATE LAID AND COMPACTED TO MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 702 AND 901.

SUBBASE: MATERIAL TYPE 1 TO CLAUSES 801 AND 803 OF THE MCHW SPECIFICATION FOR HIGHWAY WORKS, LAID AND COMPACTED TO CLAUSES 701, 702 AND 802. ALTERNATIVE MATERIALS TO GRANULAR MATERIAL TYPE 1 (E.G. GRANULAR MATERIAL TYPE 2 TO MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSE 804 OR LOCALLY AVAILABLE FILL MATERIALS) MAY BE USED AT THE CONTRACTORS OWN RISK, SUBJECT TO PASSING RELEVANT TESTS FOR NON-FROST SUSCEPTIBILITY, AND AGREEMENT WITH THE ENGINEER.

CAPPING LAYER: GRANULAR MATERIAL CLASS 6F2 TO MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 601, 602, 613 AND 617. LAID AND COMPACTED TO CLAUSES 608 AND 612.

FORMATION LEVEL: IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 601, 616 AND 617. GEOMEMBRANE SEPARATION LAYER TO BE IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAYS WORKS CLAUSE 609 AND SPECIALISTS RECOMMENDATIONS. SUPPLIER TO BE TERRAM (OR SIMILAR APPROVED)

BULK FILL: IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 601, 616 AND 617. GEOMEMBRANE SEPARATION LAYER TO BE IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAYS WORKS CLAUSE 609 AND SPECIALISTS RECOMMENDATIONS. SUPPLIER TO BE TERRAM (OR SIMILAR APPROVED)

SUB-FORMATION: IN ACCORDANCE WITH MCHW SPECIFICATION FOR HIGHWAY WORKS CLAUSES 601, 602, 603, 613 AND 617.

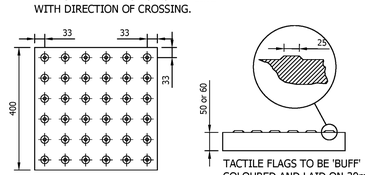
TABLE A	
SIEVE SIZE	PERCENTAGE PASSING
5.00mm	90 - 100
2.36mm	75 - 100
1.18mm	55 - 90
600µm	35 - 65
300µm	10 - 45
150µm	0 - 10
75µm	0 - 0.5

TABLE A.2 - Laying course and Jointing Material Grading	
SIEVE SIZE (mm) (BS EN 993-1)	PERCENTAGE PASSING
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5

TABLE A.1 - Sub-base Grading		
SIEVE SIZE (mm)	M	
	Course aggregate, 4/40.	Course aggregate, 4/20.
80	100	-
63	98-100	-
40	90-99	100
31.5	-	98-100
20	25-70	90-99
10	-	25-70
4	0-15	0-15
2	0-5	0-5
1	-	-

JOINTING COURSE SAND GRADING	
SIEVE SIZE	PERCENTAGE PASSING
2.36mm	100
1.18mm	95 - 100
600µm	50 - 100
300µm	15 - 60
150µm	0 - 15
75µm	0 - 3
Jointing sand shall preferably be Kiln dry.	

NB TACTILE DIMPLES TO RUN IN LINE WITH DIRECTION OF CROSSING.



TACTILE FLAGS TO BE 'BUFF' COLOURED AND LAID ON 30mm MORTAR.

TACTILE FLAG
SCALE 1:10

NOTES:

1. This drawing is to be read in conjunction with Architects site layout
2. For specific details and extent of soft landscaping, refer to the Landscape Architects drawings.
3. Formation to parking areas & roads to be proof rolled. Any soft spots encountered are to be removed and replaced with granular Type 2 material or clean well-graded hardcore laid in layers not exceeding 250mm thick fully compacted.
4. Hardcore should consist of hard, broken brick, broken concrete, crush rock or slag. Once laid to the nominal compacted thickness, the upper surface should be blinded with small gauge material (sharp sand is ideal) and further compacted. Note: In case of brick hardcore from demolished buildings it is essential that all debris, such as wood, metal and plaster, is removed.
5. The Contractor is to check the setting out of the all new roads to ensure fit with and within the site boundary before construction commence.
6. The Contractor shall ascertain the depths, sizes and locations of all services within roadways before excavation commences. Any conflicts with the specified pavements are to be reported to the Engineer immediately.
7. The Contractor is to enter into agreements and obtain licenses as necessary for all works affecting the public highway and new footpath/cycleway. Details of construction is subject to local authority approval and is to be completed by an appropriately qualified and certificate contractor/subcontractor to Highways Authority approval.
8. Pavement design is based on a CBR value of 2.5%, where this is found not to be the case IESIS are to be notified of the actual CBR value and a modified pavement design will be specified accordingly.
9. The Sub-Grade is to be proof rolled with four passes of an 8T deadweight roller. Any localised soft spots are to be removed and made up by local thickening of the Sub-Base.
10. All Workmanship and Materials are to be in accordance with the Highways Agency Manual of Contract Documents For Highways Works and current editions of the relevant British Standards.
11. All kerbs are to be manufactured and tested in accordance with BS 7263 Part 1:1990. Where necessary a chase shall be made in the Sub-Base to allow for a minimum 150mm deep kerb bed.
12. Kerbs may be laid directly onto the concrete kerb bed whilst it is still in the plastic condition subject to the approval of the engineer, otherwise a 25mm thick mortar bed and shear key to the backing shall be provided.
13. Any hardspots, obstruction or foundation to be removed down to underside of sub-base.

TOLERANCES:

HORIZONTAL ALIGNMENTS
Edge of pavements and all other parallel alignments = +25mm to -25mm.
Kerbs, channel blocks, channel drains and edge lines = +13mm to -13mm.

SURFACE LEVELS OF PAVEMENT COURSES
The tolerances in surface levels from that stated on the contract drawings and schedules are:-

Wearing courses	+6mm to -6mm
Base course	+6mm to -6mm
Upper road base	+8mm to -8mm
Roadbase other than above	+15mm to -15mm
Sub-base	+10mm to -30mm
Sub-base under concrete pavement	+10mm to -10mm

The combination of tolerances shall not result in a reduction in the thickness of the pavement, excluding sub-base, by more than 15mm from the specified thickness nor a reduction of the bituminous wearing course by more than 5mm from that specified.

SURFACE REGULARITY
This requirement is in addition to the level tolerances and is independant of them.

A straight edge 3m long is laid both longitudinally and transversely, the maximum allowable difference between the surface and the underside of the straight edge shall be for:-

Wearing courses	3mm
Base courses	6mm
Upper road bases	6mm
Sub-bases under concrete pavements	10mm

SURFACE GRADIENTS
1. To conform to the British standards the minimum fall to line drainage systems or kerbs is 1/60 whilst the minimum longitudinal fall along kerbs is 1:150.
2. If the resultant gradient on a wearing course is less than 1/67 ponding may occur on a surface which is within the surface regularity specification.

MATERIAL TESTING REGIME:
The evaluation and conformity of asphalt mixtures with the requirements of the European asphalt standards is covered by two standards in the EN 13108 series:

- BS EN 13108 - 20 - Type Testing
- BS EN 13108 - 21 - Factory Production

The manufacturer and supplier of the as specified asphalt mixtures as noted on this drawing shall confirm and supply relevant certification that they have supplied said asphalt mixtures which have been tested in line with these relevant standards.

REV	DATE	DRAWN/CHK	REVISION INFO
C03	07.02.20	PL/PL	DETAIL ADDED, PAVEMENT TYPES AMENDED AS PER LANDSCAPING PLAN, TARMAC LAYER ADDED TO P6, P7.
C02	07.02.20	PL/TW	S278 DETAILS ADDED
C01	24.01.20	TT/PL	FOR CONSTRUCTION
P01	15.11.19	PL/PL	ISSUED FOR APPROVAL

STATUS:
FOR CONSTRUCTION

CLIENT:
SAVISTA DESIGN AND BUILD

PROJECT:
POUND PLACE
ROUNDSTONE ROAD
ANGMERING

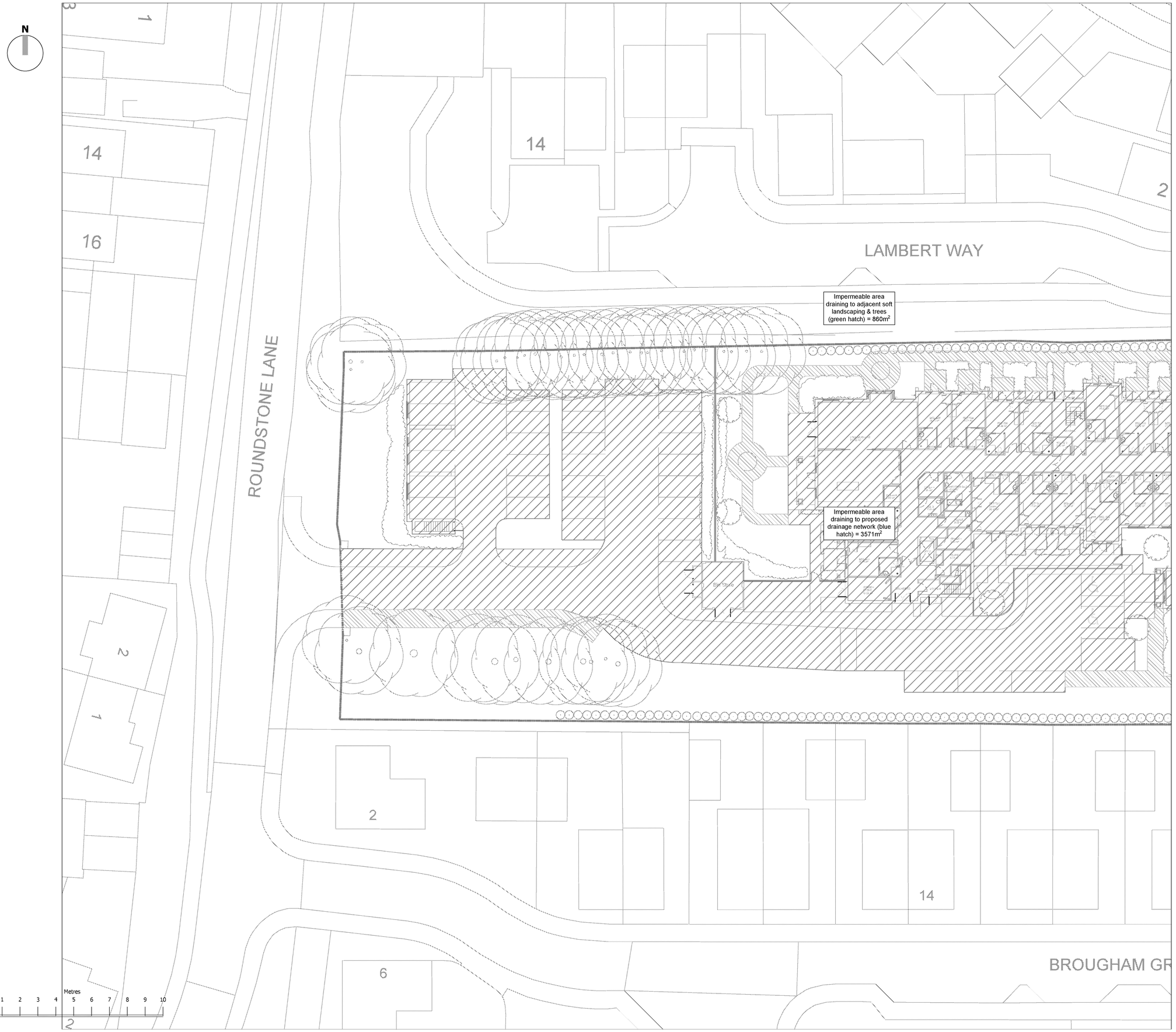
DRAWING TITLE:
TYPICAL EXTERNAL WORKS CONSTRUCTION DETAILS

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	AS SHOWN	S4

DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3601 REVISION: C03

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CONTINUED ON DRG PP-ISS-XX-XX-DR-C-3501

NOTES:

1. Site plan provided by Architect.

REV	DATE	DRAWN/CHK	REVISION INFO
P01	22.11.19	PL/TW	FOR INFORMATION

STATUS:

FOR APPROVAL

CLIENT:

SAVISTA DESIGN AND BUILD

PROJECT:

POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:

PROPOSED
IMPERMEABLE AREAS
SHEET 1 OF 2

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	1:200	S2

DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3500 REVISION: P01

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ARUN DISTRICT COUNCIL 01/00/2021

N

CONTINUED ON DRG PP-ISS-XX-XX-DR-C-3500

16

2

ALEXANDER AVENUE

15

Impermeable area draining to proposed drainage network (blue hatch) = 3571m²

Impermeable area draining to adjacent soft landscaping & trees (green hatch) = 860m²

Hatched area to be made available to the Public at all times

22

32

BROUGHAM GROVE

0 1 2 3 4 5 6 7 8 9 10

Metres

NOTES:

1. Site plan provided by Architect.

P01 22.11.19 PL/TW FOR INFORMATION

REV DATE DRAWN/CHK REVISION INFO

STATUS:

FOR APPROVAL

CLIENT:

SAVISTA DESIGN AND BUILD

PROJECT:

POUND PLACE
ROUNDSTONE ROAD
ANGMERING

DRAWING TITLE:

PROPOSED
IMPERMEABLE AREAS
SHEET 2 OF 2

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	1:200	S2

DRAWING NUMBER:	REVISION:
PP-ISS-XX-XX-DR-C-3501	P01

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ARUN DISTRICT COUNCIL 01/03/2020