NEW RESIDENCE
AT
2A ALLEN AVENUE
BILGOLA BEACH
FOR
WIMBLEDON 1963 PTY LTD

LEGEND

PIPEWORK

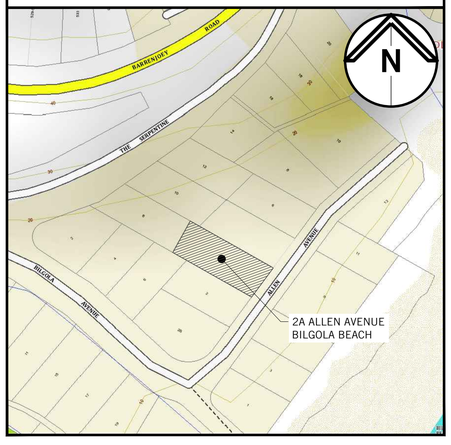
RW — RW	RAINWATER DRAINAGE
RW — RW	RAINWATER CHARGED
STW	STORMWATER DRAINAGE
STWRM	STORMWATER RISING MAIN
SS — SS	SUBSOIL DRAINAGE
B — B	BARRIER FENCE
e — e — e	EXISTING PIPE
e — X — e — X	EXISTING PIPE MADE REDUNDANT
	SEDIMENT FENCE LINE
	PROPERTY BOUNDARY
	SWALE
	DROPPER
	RISER
TB — TB	TURBIDITY BARRIER
FALL	DIRECTION OF FALL OR FLOW
	DOWN PIPE
PBO	PLANTER BOX OUTLET
RWO/BO	RAIN WATER OUTLET / BALCONY OUTLET
SWP	STORMWATER PIT (GRATE)
SWP	STORMWATER PIT (RWO IN BASE)
	SEALED PIT COVER
	GULLY PIT
	REFLUX VALVE
	PIPE CONNECTION POINT
	PIPE PENETRATING
	PIPE NOT PENETRATING
	PUMP
	OVERLAND FLOW PATH
CO	CLEAR OUT
TD	TUNDISH
TG	TRENCH GRATE
	DOWNPIPE SPREADER

MISCELLANEOUS

-- / --	SERVICE / SERVICE NUMBER PIPE SIZE
	FOR CONTINUATION REFER DRG No
1 / DWG	FOR SECTION VIEW REFER TO DRAWING

AHD	AUSTRALIAN HEIGHT DATUM
AP	ACCESS PANEL
BG	BOX GUTTER
DP	DOWNPIPE
e	EXISTING
FFL	FINISHED FLOOR LEVEL
GIP	GRATED INLET PIT
HED	HIGH EARLY DISCHARGE
HFB	HIGH FLOW BYPASS
HL	HIGH LEVEL IN CEILING
HP	HIGH POINT
IL	INVERT LEVEL
INT	INTERNAL
KIP	KERB INLET PIT
O/F	OVERFLOW
OSD	ON SITE DETENTION
RHS	RECTANGULAR HOLLOW SECTION
RL	RELATIVE LEVEL
RWH	RAINWATER HEAD
RWT	RAINWATER TANK
SRL	SLAB RELATIVE LEVEL
SRZ	STRUCTURAL ROOT ZONE
TBA	TO BE ADVISED
TKL	TOP KERB LEVEL
TRZ	TREE ROOT ZONE
TWL	TOP WATER LEVEL
UNO	UNLESS NOTED OTHERWISE

LOCALITY PLAN



DRAWING LIST

DRAWING No.	TITLE
SWDA 1.1	DRAWING LIST, LOCALITY PLAN & DRAWING LEGEND
SWDA 1.2	STORMWATER MANAGEMENT PLAN & GENERAL NOTES
SWDA 1.3	EROSION & SEDIMENT CONTROL PLAN AND DETAILS
SWDA 1.4	EXISTING & PROPOSED SITE PLAN AND IMPERVIOUS AREAS
SWDA 1.5	PROPOSED STORMWATER DRAINAGE BASEMENT AND LEVEL 1 FLOOR LAYOUTS
SWDA 1.6	DETAILS SHEET

Rev.	Issue / Amendment	By	App.	Date
2	UPDATED ARCHS	FS	AH	18.11.24
1	ISSUED FOR DA	SP	KC	29.07.22

PARTRIDGE HYDRAULIC SERVICES ABN 11 608 027 578
Level 5, 1 Chandos Street, St Leonards NSW 2065 Australia
t 612 9460 9000 **f** 612 9460 9090
email: partridge@partridge.com.au **web:** www.partridge.com.au

STORMWATER SERVICES

Client
WIMBLEDON 1963 PTY LTD

ARCHITECT
URSINO ARCHITECTS
46 / 99 MOORE ST, LEICHHARDT
T 02 8970 2421

Project
NEW RESIDENCE
2A ALLEN AVENUE
BILGOLA BEACH

Title
DRAWING LIST, LOCALITY PLAN & DRAWING LEGEND

ELECTRONIC SIGNATURE:
THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC SIGNATURE CODE. THE PRESENCE OF THIS CODE SIGNIFIES THAT THIS IS THE CERTIFIED DRAWING ISSUED FOR CONSTRUCTION.

DO NOT SCALE DRAWINGS
USE FIGURED DIMENSIONS

Electronic Code	Signature Date	Designed
-		K.C.
Scale at A1	Date	Drawn
N/A	JULY 2022	S.P.
Job No.	Drawing No.	Revision
2021H0040	SWDA 1.1	2

NOT FOR CONSTRUCTION

STORMWATER MANAGEMENT PLAN

PARTRIDGE HYDRAULIC SERVICES WERE ENGAGED TO CARRY OUT A STORMWATER MANAGEMENT PLAN FOR THE PROPOSED SITE 2A ALLEN AVENUE, BILGOLA BEACH. THE BELOW ADDRESSES THE MANAGEMENT OF STORMWATER WITHIN THE PROPOSED SITE BOUNDARIES.

EXISTING SITE DETAILS

THE SUBJECT SITE IS AN EXISTING SINGLE DWELLING DEVELOPMENT, LOCATED AT 2A ALLEN AVENUE, BILGOLA BEACH. THE OVERALL SITE HAS APPROXIMATELY AN AREA OF 850.3m². THE LOT IS CURRENTLY DEVELOPED AND COMPRISES: A SINGLE DWELLING RESIDENTIAL BUILDING, FRONT CONCRETE DRIVEWAY AND PARKING AREA, FRONT TENNIS COURT AND REAR LANDSCAPE AREA.

THE SITE GENERALLY SLOPES TOWARDS THE EAST AND IS BOUND BY AN ADJACENT PRIVATE PROPERTIES TO THE NORTH, WEST AND SOUTH AND ALLEN AVENUE TO THE EAST.

VEHICULAR AND PEDESTRIAN ACCESS TO THE SITE IS CURRENTLY FROM ALLEN AVENUE.

PRE-DEVELOPMENT SITE CATCHMENT AREAS:
- IMPERMEABLE AREA: 830.03m²
- PERMEABLE AREA: 21.5m²

PROPOSED NEW DEVELOPMENT

IT IS PROPOSED TO DEMOLISH THE EXISTING RESIDENTIAL BUILDING AND TO CONSTRUCT A NEW DEVELOPMENT CONSISTING OF: A NEW RESIDENTIAL BUILDING, CONCRETE DRIVEWAY, NEW BASEMENT, NEW SUSPENDED POOL ON LEVEL 3 AND LANDSCAPE AREAS AT THE REAR. THE EXISTING TENNIS COURT IS TO BE RETAINED.

POST-DEVELOPMENT SITE CATCHMENT AREAS:
- IMPERMEABLE AREA: 673.33m²
- PERMEABLE AREA: 116.7m²
- POOL AREA (TO SEWER): 40m²

VEHICLE AND PEDESTRIAN ACCESS TO THE SITE TO REMAIN FROM ALLEN AVENUE.

EXISTING STORMWATER NETWORK AND DISCHARGE

THE SUBJECT SITE IS CURRENTLY FULLY DEVELOPED WITH AN EXISTING ON-SITE DRAINAGE NETWORK. EAVES GUTTERS COLLECT STORMWATER FROM THE ROOF AND DISCHARGE INTO AN EXISTING STORMWATER PIT LOCATED ON ALLEN AVENUE. HARDSTAND AREAS DRAIN VIA SURFACE OVERFLOW TOWARDS THE SITE BOUNDARY ALONG ALLEN AVENUE. THERE IS NO EVIDENCE OF OSD OR STORMWATER TREATMENT DEVICES AT PRESENT.

FLOODING

WITH REFERENCE TO THE PITTWATER OVERLAND FLOW MAPPING AND FLOOD STUDY BY CARDNO, THE SUBJECT SITE IS NOT AFFECTED BY FLOODING. IT IS NOTED THAT THE FLOOD MAPS INDICATE MINOR FLOWS OCCUR ALONG ALLEN AVENUE FOR A 100-YEAR STORM.

PROPOSED STORMWATER NETWORK CONCEPT AND DISCHARGE VOLUMES

IT IS PROPOSED TO CONSTRUCT A NEW STORMWATER NETWORK ON THE FOLLOWING PRINCIPLES:
- A NEW NETWORK OF PIPES AND PITS IS PROPOSED TO CONVEY THE RUNOFF FROM THE SITE PRIOR TO DISCHARGING INTO THE EXISTING COUNCIL'S DRAINAGE SYSTEM.
- ALL THE ROOF AREA TO BE DISCHARGED INTO A RAINWATER TANK WITH MINIMUM EFFECTIVE VOLUME OF 5kL AND AN OVERFLOW INTO THE ON-SITE STORMWATER SYSTEM. THE RAINWATER IS TO BE USED FOR IRRIGATION, POOL TOP-UP AND LAUNDRY.
- NO ON-SITE DETENTION TANK (OSD) IS PROPOSED FOR THE SUBJECT SITE DUE TO REDUCTION IN IMPERVIOUS AREA IN ACCORDANCE THE OSD CHECKLIST.
- A TRASH SCREEN HAS BEEN PROPOSED IN THE DISCHARGE PIT TO REMOVE ORGANIC MATTER AND COARSE SEDIMENT FROM STORMWATER PRIOR TO DISCHARGING FROM THE SITE (IN ACCORDANCE WITH SECTION 4.1.1 OF NORTHERN BEACHES COUNCIL'S WATER MANAGEMENT FOR DEVELOPMENT POLICY).
- A NEW DISCHARGE POINT VIA A 225mm DIAMETER PIPE TO BE CONNECTED TO COUNCIL'S EXISTING PIT ALONG ALLEN AVENUE.

STORMWATER QUANTITY MANAGEMENT

NO ON-SITE DETENTION TANK (OSD) IS PROPOSED FOR THE SUBJECT SITE DUE TO REDUCTION IN IMPERVIOUS AREA IN ACCORDANCE THE OSD CHECKLIST. THE PROPOSED DEVELOPMENT ALSO INTRODUCES A REDUCTION IN EXPECTED STORMWATER DISCHARGE FROM THE SITE.

TOTAL SITE AREA: 851.53m²

PRE-DEVELOPMENT DISCHARGE VOLUME:
Q = 46.8 L/s (FOR 20-YEAR, 5 MIN STORM DURATION MIN):

POST-DEVELOPMENT DISCHARGE VOLUME:
Q = 41.3 L/s (FOR 20-YEAR, 5 MIN STORM DURATION)

STORMWATER QUALITY MANAGEMENT

A TRASH SCREEN HAS BEEN PROPOSED IN THE DISCHARGE PIT TO REMOVE ORGANIC MATTER AND COARSE SEDIMENT FROM STORMWATER PRIOR TO DISCHARGING FROM THE SITE (IN ACCORDANCE WITH SECTION 4.1.1 OF NORTHERN BEACHES COUNCIL'S WATER MANAGEMENT FOR DEVELOPMENT POLICY).

OVERLAND FLOW PATHS

IF STORMS HIGHER THAN THE DESIGN STORM OCCUR, THE SITE IS GRADED TO ALLOW AN OVERLAND FLOW PATH TO FORM TO PROTECT THE BUILDINGS. OVERLAND FLOWS WILL EXIT THE SITE VIA THE LOW POINT ALONG THE KERB LINE PARALLEL TO ALLEN AVENUE. NO DAMAGE TO THE NEIGHBOURING PROPERTIES WILL OCCUR.

COUNCIL DOCUMENTS REFERENCE

THE ABOVE ASSESSMENT HAS BEEN PREPARED AND BASED ON PUBLISHED TOPOGRAPHIC MAPS, PHYSICAL LAND SURVEY, HYDRAULIC AND HYDROLOGICAL CALCULATIONS, AVAILABLE AERIAL PHOTOGRAPHY OF THE SITE AND IN ACCORDANCE WITH RELEVANT AUSTRALIA STANDARDS AND COUNCIL DEVELOPMENT CONTROL PLANS BELOW:
- AS 3500 PLUMBING AND DRAINAGE
- NORTHERN BEACHES COUNCIL WATER MANAGEMENT FOR DEVELOPMENT POLICY
- PITTWATER OVERLAND FLOW MAPPING AND FLOOD STUDY 2013 BY CARDNO

GENERAL NOTES

1. THIS IS A STORMWATER DRAINAGE PLAN ONLY, REFER TO ARCHITECTURAL DRAWINGS FOR ALL SETOUT INFORMATION.
2. ALL STORMWATER RUNOFF FROM SURFACE, PITS, SUMPS AND UNDERGROUND PIPE NETWORK TO BE COLLECTED VIA ON-SITE DRAINAGE SYSTEM PRIOR TO DISCHARGE FROM THE SITE.
3. ALL PIPES ARE TO BE 100DIA UPVC LAID AT 1.0% MIN GRADE. UPVC PIPES TO BE SOLVENT WELDED JOINTS U.N.O
4. ALL PIPES ARE TO BE PROPRIETARY PRE-CAST ITEMS, COVER LEVELS TO MATCH U.N.O
5. ALL GRATED DRAINS TO HAVE BASE GRADED 1.0% MIN WITH HEAVY DUTY GRATES.
6. IT IS THE BUILDER'S RESPONSIBILITY TO LAY ALL PIPES IN ACCORDANCE WITH ALL RELEVANT AUTHORITY REQUIREMENTS (EG. COUNCIL, EPA, SYDNEY WATER).
7. THE CONTRACTOR SHALL LOCATE EXISTING SERVICES ON SITE PRIOR TO CONSTRUCTION AND SHALL TAKE EXTREME CAUTION DURING CONSTRUCTION.
8. ALL WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE LOCAL AUTHORITY'S CIVIL SPECIFICATION AND STANDARDS TO THE SATISFACTION OF THE LOCAL AUTHORITY OR PRIVATE CERTIFYING AUTHORITY'S REPRESENTATIVE. ANY DISCREPANCY, VARIATION OR ADDITIONAL WORKS SHALL BE APPROVED BY THE BUILDER'S REPRESENTATIVE BEFORE COMMENCEMENT OF WORKS.
9. THE LOCAL AUTHORITY OR PRIVATE CERTIFYING AUTHORITY'S INSPECTION OF WORKS SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE INSPECTOR'S INSPECTION SCHEDULE REQUIREMENTS AND ENSURE THAT EACH IDENTIFIED STAGE OF WORKS IN ACCORDINGLY INSPECTED.
10. THESE DRAWINGS ARE DIAGRAMMATIC REPRESENTATION OF WORKS TO BE CARRIED OUT ONLY AND ARE NOT TO BE SCALED OFF.
11. ALL LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCH MARKS ONLY. DATUM USED ON THESE DRAWINGS IN AUSTRALIA HEIGHT DATUM (AHD) UNLESS NOTED OTHERWISE.
12. UTILITY INFORMATION SHOWN ON THE PLANS IS NOT INTENDED TO DEPICT MORE THAN THE PRESENCE OF ANY SERVICES. ACTUAL LOCATIONS SHOULD BE VERIFIED BY HAND EXCAVATION PRIOR TO CONSTRUCTION.
13. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PROVIDED WHERE SHOWN ON THE DRAWINGS, IN ACCORDANCE WITH THE SPECIFICATION AND THE CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (IF APPLICABLE).

Rev.	Issue / Amendment	By	App.	Date
2	UPDATED ARCHS	FS	AH	18.11.24
1	ISSUED FOR DA	SP	KC	29.07.22

PARTRIDGE HYDRAULIC SERVICES ABN 11 608 027 578
Level 5, 1 Chandos Street, St Leonards NSW 2065 Australia
t 612 9460 9000 **f** 612 9460 9090
email: partridge@partridge.com.au **web:** www.partridge.com.au

STORMWATER SERVICES

Client
WIMBLEDON 1963 PTY LTD

ARCHITECT
URSINO ARCHITECTS
46 / 99 MOORE ST, LEICHHARDT
T 02 8970 2421

Project
NEW RESIDENCE
2A ALLEN AVENUE
BILGOLA BEACH

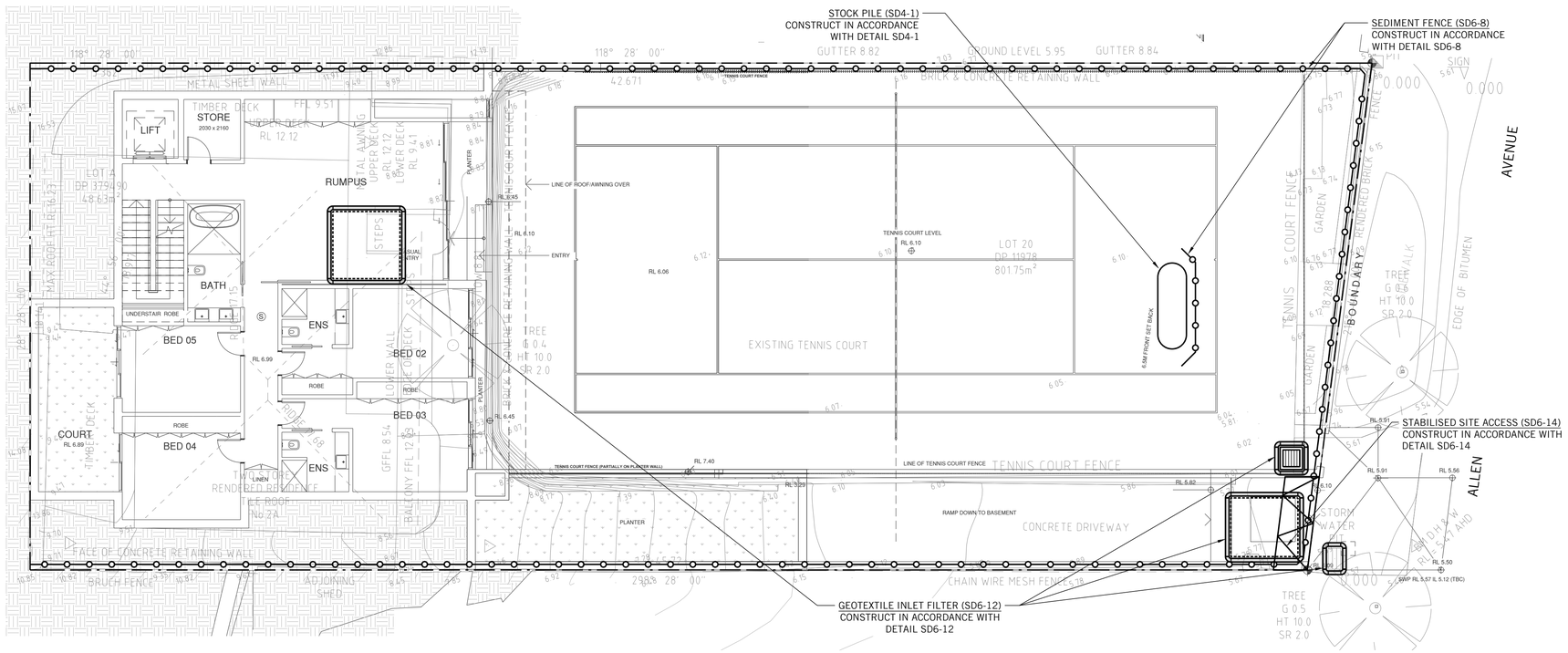
Title
STORMWATER MANAGEMENT PLAN & GENERAL NOTES

ELECTRONIC SIGNATURE:
THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC SIGNATURE CODE. THE PRESENCE OF THIS CODE SIGNIFIES THAT THIS IS THE CERTIFIED DRAWING ISSUED FOR CONSTRUCTION.

DO NOT SCALE DRAWINGS
USE FIGURED DIMENSIONS

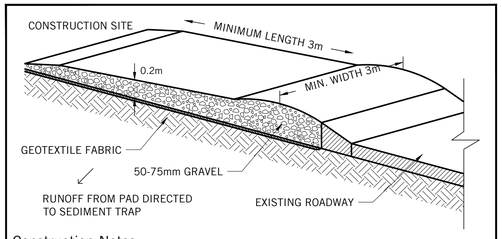
Electronic Code	Signature Date	Designed
-		K.C.
Scale at A1	Date	Drawn
N/A	JULY 2022	S.P.
Job No.	Drawing No.	Revision
2021H0040	SWDA 1.2	2

NOT FOR CONSTRUCTION



EROSION AND SEDIMENT CONTROL PLAN

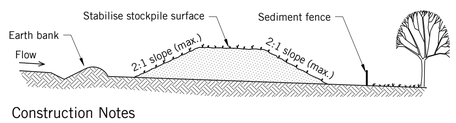
1. MEASURES PROVIDED WILL BE TO THE SATISFACTION OF THE PRINCIPAL'S REPRESENTATIVE IN ACCORDANCE WITH THE LOCAL AND STATUTORY REQUIREMENTS UNLESS NOTED OTHERWISE. ALL WORKS SHALL BE ERECTED AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE 'BLUE BOOK'- MANAGING URBAN STORMWATER (MUS): SOILS AND CONSTRUCTION, LANDCOM (VOL 1) AND DECCW (VOL 2) AND COUNCIL'S DEVELOPMENT CONTROL PLAN (DCP).
2. ALL EXCAVATION WORKS ARE TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, IF AVAILABLE, AND THE STRUCTURAL ENGINEER'S DRAWINGS.
3. INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.
4. MESH AND GRAVEL INLET FILTERS (SD 6-11) TO BE INSTALLED UPSTREAM OF PROPOSED STORMWATER PITS AS WELL AS EXISTING STORMWATER PITS DOWNSTREAM OF DISTURBED AREAS.
5. TOP SOIL WILL BE STRIPPED AND STOCKPILED (SD 4-1) FOR LATER USE IN LANDSCAPING.
6. ALL STOCKPILES TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS.
7. TOP SOIL WILL BE RE SPREAD AND ALL DISTURBED AREAS WILL BE REHABILITATED WITHIN 20 WORKING DAYS OF THE COMPLETION OF WORKS.
8. ALL SEDIMENT TO BE STORED AND COLLECTED BY A LIQUID WASTE COMPANY FOR DISPOSAL AT A LICENSED TREATMENT FACILITY.
9. ROADS AND FOOTWAYS TO BE SWEPT AT THE END OF THE DAY.
10. ALL EROSION AND SEDIMENT CONTROLS WILL BE CHECKED AT LEAST WEEKLY AND AFTER RAINFALL EVENTS TO MAKE SURE THEY ARE MAINTAINED TO A FULLY FUNCTIONAL CONDITION.



Construction Notes

1. Strip the topsoil, level the site and compact the subgrade.
2. Cover the area with needle-punched geotextile.
3. Construct a 200 mm thick pad over the geotextile using road base or 30 mm aggregate.
4. Ensure the structure is at least 15 metres long or to building alignment and at least 3 metres wide.
5. Where a sediment fence joins onto the stabilised access, construct a hump in the stabilised access to divert water to the sediment fence.

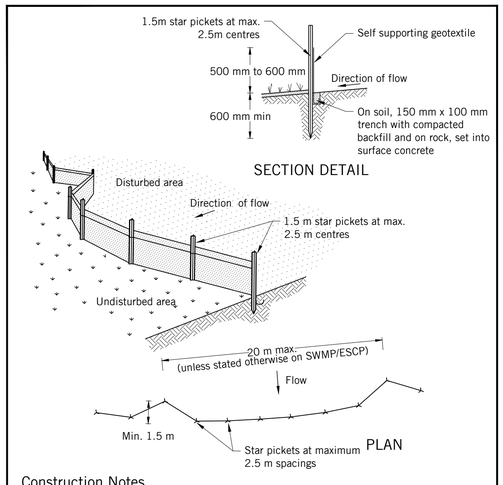
STABILISED SITE ACCESS — SD 6-14



Construction Notes

1. Place stockpiles more than 2 (preferably 5) metres from existing vegetation, concentrated water flow, roads and hazard areas.
2. Construct on the contour as low, flat, elongated mounds.
3. Where there is sufficient area, topsoil stockpiles shall be less than 2 metres in height.
4. Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP to reduce the C-factor to less than 0.10.
5. Construct earth banks (Standard Drawing 5-5) on the upslope side to divert water around stockpiles and sediment fences (Standard Drawing 6-8) 1 to 2 metres downslope.

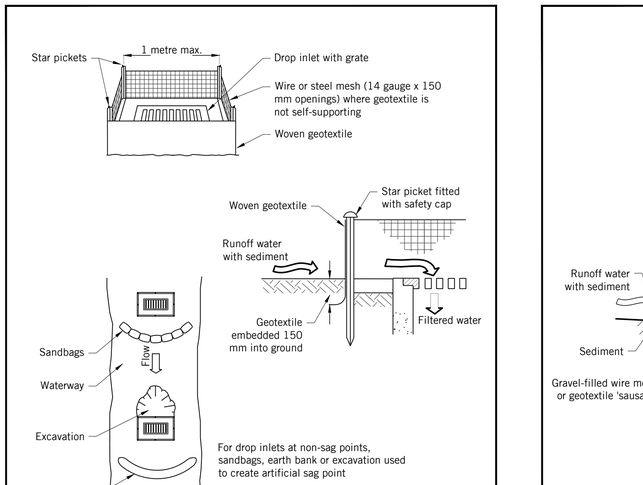
STOCKPILES — SD 4-1



Construction Notes

1. Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit water flow if concentrated at one point to 50 litres per second in the design storm event, usually the 10-year event.
2. Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
3. Drive 1.5 metre long star pickets into ground at 2.5 metre intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
4. Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
5. Join sections of fabric at a support post with a 150-mm overlap.
6. Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

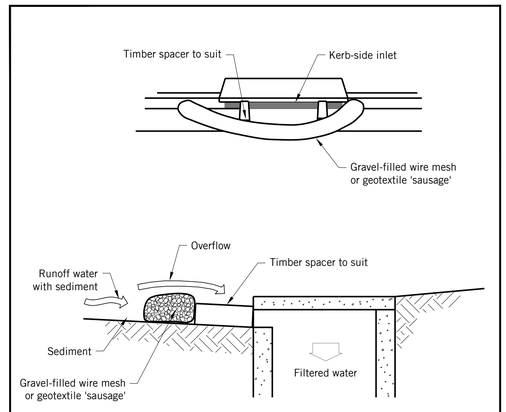
SEDIMENT FENCE — SD 6-8



Construction Notes

1. Fabricate a sediment barrier made from geotextile or straw bales.
2. Follow Standard Drawing 6-7 and Standard Drawing 6-8 for installation procedures for the straw bales or geofabric. Reduce the picket spacing to 1 metre centres.
3. In waterways, artificial sag points can be created with sandbags or earth banks as shown in the drawing.
4. Do not cover the inlet with geotextile unless the design is adequate to allow for all waters to bypass it.

GEOTEXTILE INLET FILTER — SD 6-12



NOTE: This practice only to be used where specified in an approved SWMP/ESCP.

Construction Notes

1. Install filters to kerb inlets only at sag points.
2. Fabricate a sleeve made from geotextile or wire mesh longer than the length of the inlet pit and fill it with 25 mm to 50 mm gravel.
3. Form an elliptical cross-section about 150 mm high x 400 mm wide.
4. Place the filter at the opening leaving at least a 100-mm space between it and the kerb inlet. Maintain the opening with spacer blocks.
5. Form a seal with the kerb to prevent sediment bypassing the filter.
6. Sandbags filled with gravel can substitute for the mesh or geotextile providing they are placed so that they firmly abut each other and sediment-laden waters cannot pass between.

MESH AND GRAVEL INLET FILTER — SD 6-11

Rev.	Issue / Amendment	By	App.	Date
3	UPDATED ARCHS	FS	AH	18.11.24
2	UPDATED ARCHS	FS	AH	30.10.24
1	ISSUED FOR DA	SP	KC	29.07.22

PARTRIDGE HYDRAULIC SERVICES ABN 11 608 027 578
Level 5, 1 Chandos Street, St Leonards NSW 2065 Australia
t 612 9460 9000 **f** 612 9460 9090
email: partridge@partridge.com.au **web:** www.partridge.com.au

STORMWATER SERVICES

Client
WIMBLEDON 1963 PTY LTD

ARCHITECT
URSINO ARCHITECTS
46 / 99 MOORE ST, LEICHHARDT
T 02 8970 2421

Project
NEW RESIDENCE
2A ALLEN AVENUE
BILGOLA BEACH

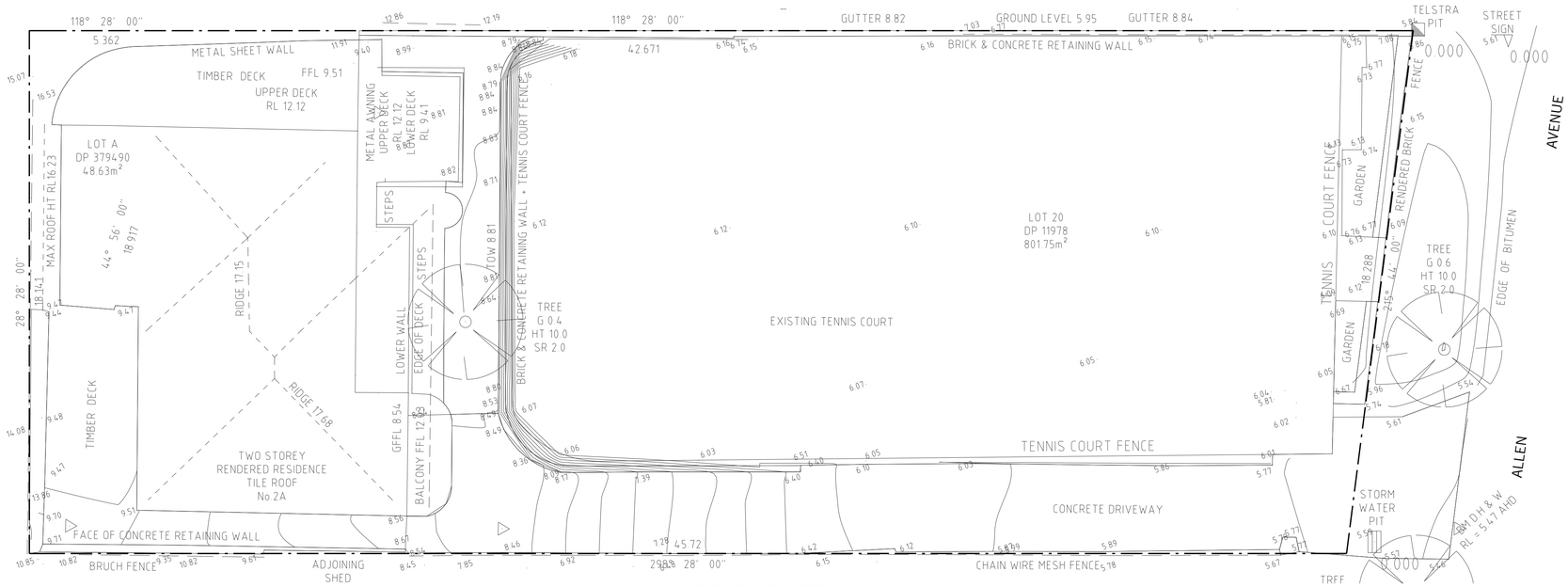
Title
EROSION & SEDIMENT CONTROL PLAN & DETAILS

ELECTRONIC SIGNATURE:
THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC SIGNATURE CODE. THE PRESENCE OF THIS CODE SIGNIFIES THAT THIS IS THE CERTIFIED DRAWING ISSUED FOR CONSTRUCTION.

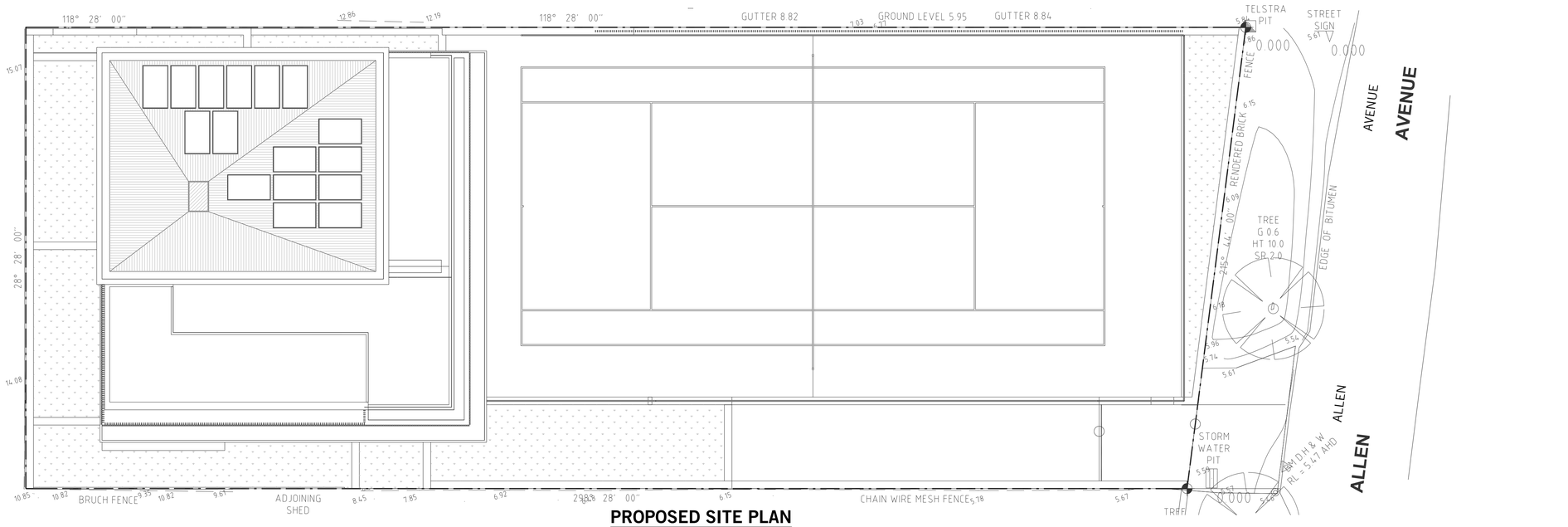
DO NOT SCALE DRAWINGS
USE FIGURED DIMENSIONS

Electronic Code	Signature Date	Designed
-		K.C.
Scale at A1	Date	Drawn
AS SHOWN	JULY 2022	S.P.
Job No.	Drawing No.	Revision
2021H0040	SWDA 1.3	3

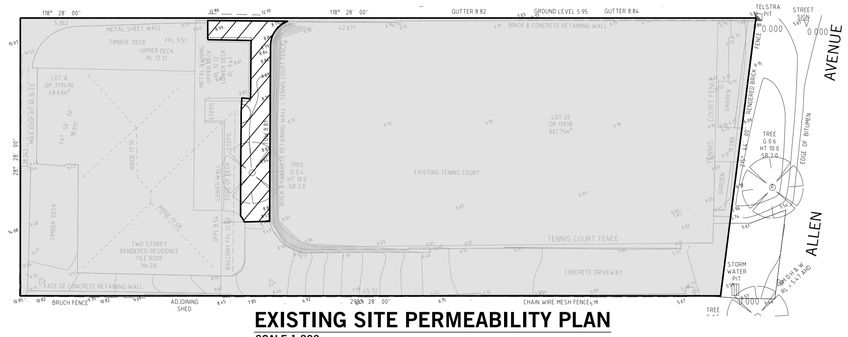
NOT FOR CONSTRUCTION



EXISTING SITE PLAN
SCALE 1:100



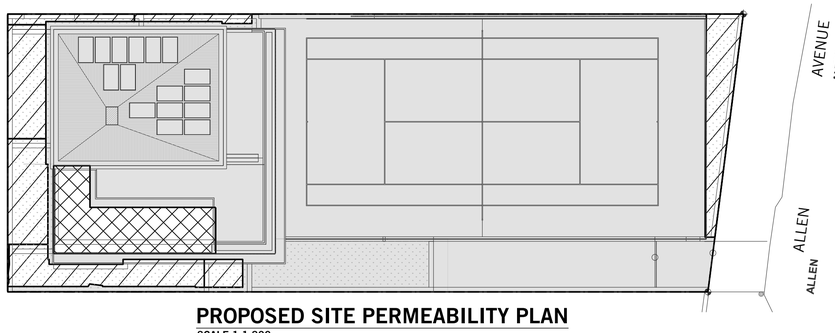
PROPOSED SITE PLAN
SCALE 1:100



EXISTING SITE PERMEABILITY PLAN
SCALE 1:200

LEGEND

	EXISTING	PROPOSED
IMPERVIOUS AREA	830.03m²	673.33m²
PERVIOUS AREA	21.5m²	116.7m²
POOL AREA (TO SEWER)	N/A	40 m²



PROPOSED SITE PERMEABILITY PLAN
SCALE 1:1:200

Rev.	Issue / Amendment	By	App.	Date
3	UPDATED ARCHS	FS	AH	18.11.24
2	UPDATED ARCHS	FS	AH	30.10.24
1	ISSUED FOR DA	SP	KC	29.07.22

PARTRIDGE HYDRAULIC SERVICES ABN 11 608 027 578
Level 5, 1 Chandos Street, St Leonards NSW 2065 Australia
t 612 9460 9000 f 612 9460 9090
email: partridge@partridge.com.au **web:** www.partridge.com.au

STORMWATER SERVICES

Client
WIMBLEDON 1963 PTY LTD

ARCHITECT
URSINO ARCHITECTS
46 / 99 MOORE ST, LEICHHARDT
T 02 8970 2421

Project
NEW RESIDENCE
2A ALLEN AVENUE
BILGOLA BEACH

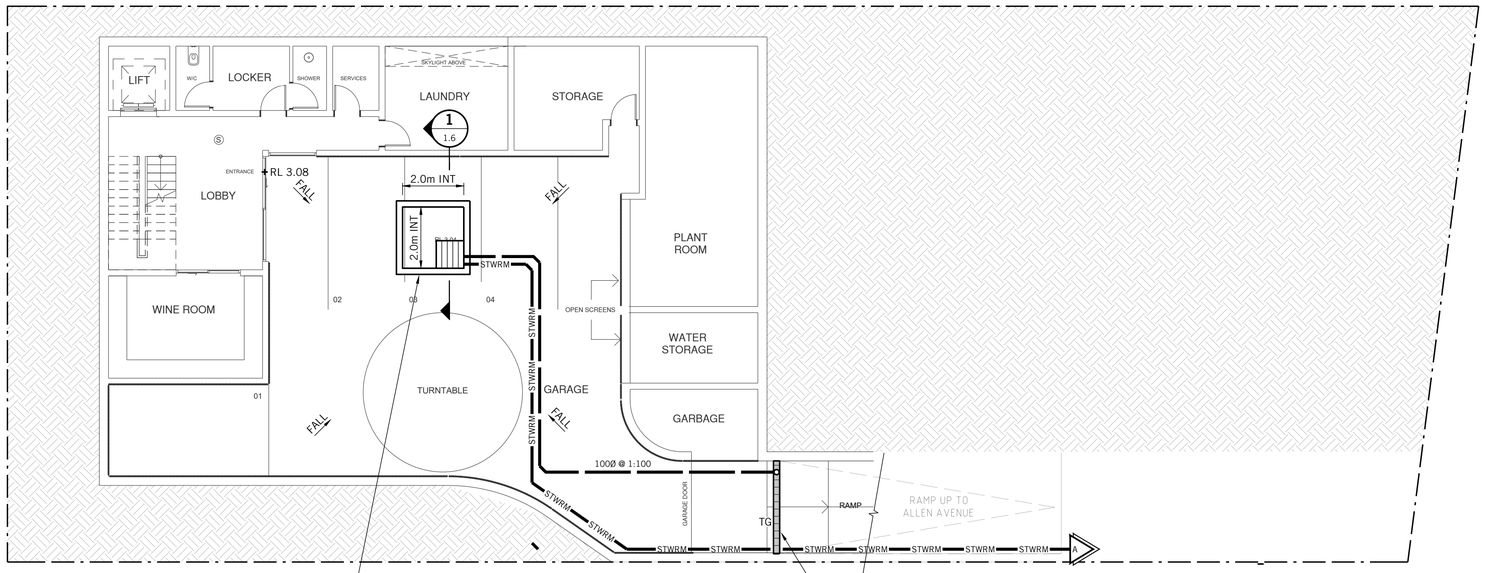
Title
EXISTING & PROPOSED SITE PLAN AND IMPERVIOUS AREAS

ELECTRONIC SIGNATURE:
THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC SIGNATURE CODE. THE PRESENCE OF THIS CODE SIGNIFIES THAT THIS IS THE CERTIFIED DRAWING ISSUED FOR CONSTRUCTION.

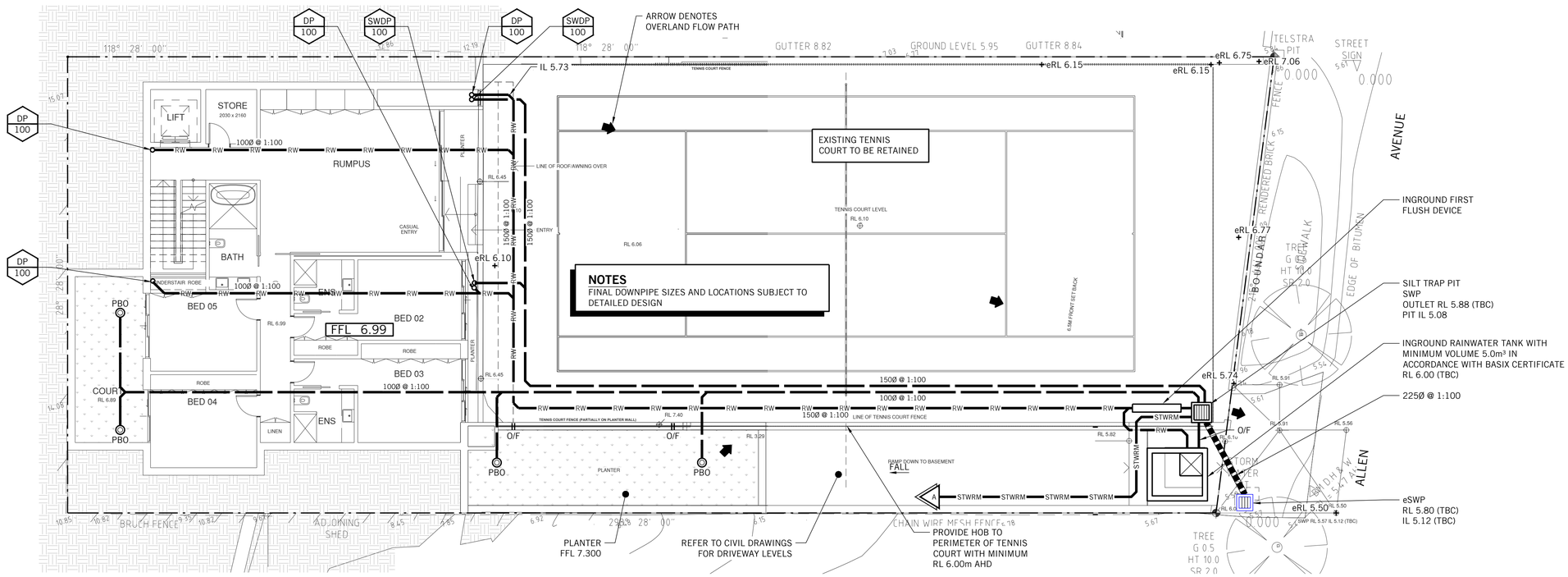
DO NOT SCALE DRAWINGS
USE FIGURED DIMENSIONS

Electronic Code	Signature Date	Designed
.		K.C.
Scale at A1	Date	Drawn
AS SHOWN	JULY 2022	S.P.
Job No.	Drawing No.	Revision
2021H0040	SWDA 1.4	3

NOT FOR CONSTRUCTION



BASEMENT LAYOUT



LEVEL 1 LAYOUT

Rev.	Issue / Amendment	By	App.	Date
4	UPDATED ARCHS	FS	AH	18.11.24
3	UPDATED ARCHS	FS	AH	30.10.24
2	RE-ISSUED FOR DA	NVH	KC	28.04.23
1	ISSUED FOR DA	SP	KC	29.07.22

PARTRIDGE HYDRAULIC SERVICES ABN 11 608 027 578
Level 5, 1 Chandos Street, St Leonards NSW 2065 Australia
t 612 9460 9000 **f** 612 9460 9090
email: partridge@partridge.com.au **web:** www.partridge.com.au

STORMWATER SERVICES

Client
WIMBLEDON 1963 PTY LTD

ARCHITECT
URSINO ARCHITECTS
46 / 99 MOORE ST, LEICHHARDT
T 02 8970 2421

Project
NEW RESIDENCE
2A ALLEN AVENUE
BILGOLA BEACH

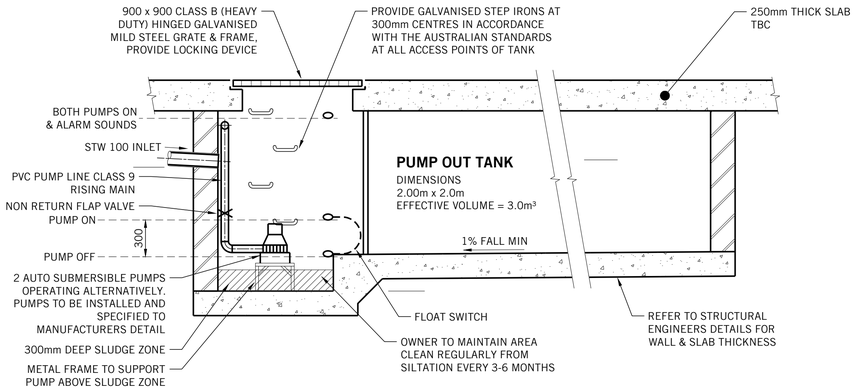
Title
PROPOSED STORMWATER DRAINAGE BASEMENT AND LEVEL 1 FLOOR LAYOUTS

ELECTRONIC SIGNATURE:
THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC SIGNATURE CODE. THE PRESENCE OF THIS CODE SIGNIFIES THAT THIS IS THE CERTIFIED DRAWING ISSUED FOR CONSTRUCTION.

DO NOT SCALE DRAWINGS
USE FIGURED DIMENSIONS

Electronic Code	Signature Date	Designed
-		K.C.
Scale at A1	Date	Drawn
1:100	JULY 2022	S.P.
Job No.	Drawing No.	Revision
2021H0040	SWDA 1.5	4

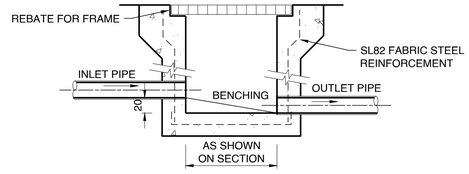
NOT FOR CONSTRUCTION



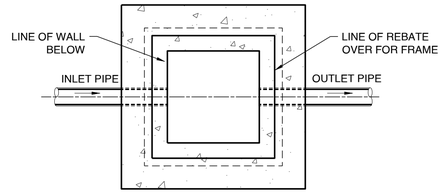
SECTION THROUGH PUMP PIT

N.T.S

1
-



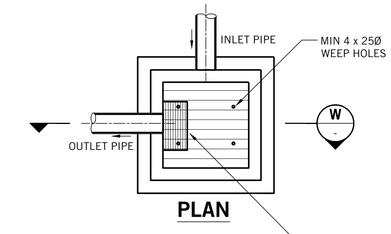
SECTION



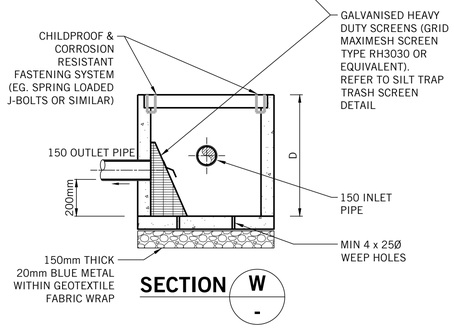
PLAN WITHOUT GRATE

TYPICAL GRATED INLET PIT

N.T.S

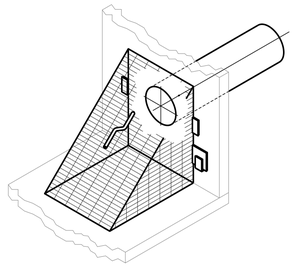


PLAN



SECTION W -

MAINTENANCE ACTION	FREQUENCY	RESPONSIBILITY	PROCEDURE
SILT TRAP PIT	MONTHLY AND AFTER HEAVY RAINFALL EVENTS	PROPERTY OWNER	OPEN GRATE AND REMOVE TRASH OR LEAF LITTER THAT HAS BEEN CAPTURED BY THE TRASH SCREEN. REMOVE ALL SILT IN SUMP AND DISPOSE IN GARDEN WASTE BIN. REMOVE ANY BLOCKAGES OVER WEEP HOLES IN BASE. ENSURE TRASH SCREEN IS SECURELY FIXED AND REPLACE GRATE CORRECTLY.



SILT TRAP TRASH SCREEN DETAIL

N.T.S.

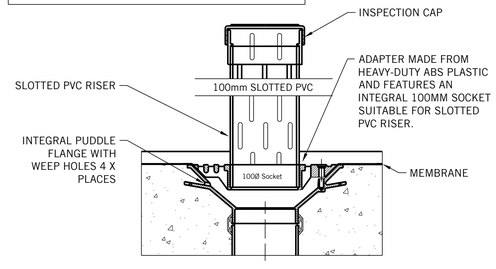
NOTES

1. PITS TO BE CONSTRUCTED FROM EQUAL TO BCP MANUFACTURER.
2. A SIGN SHALL BE CONSTRUCTED ADJACENT TO THE PIT STATING: "THIS SEDIMENT / SILT ARRESTOR PIT SHALL BE REGULARLY INSPECTED AND CLEANED".

SILT TRAP PIT

N.T.S

SPECIFICATION CODE:
TIA100PB (100mm CI BODY WITH PLANTER BOX INSERT)



SPS TRUFLO 100mm & 150mm RWO WITH ALL-PURPOSE PLANTER BOX OUTLET

N.T.S SPS REFERENCE: 1.05

Rev.	Issue / Amendment	By	App.	Date
2	UPDATED ARCHS	FS	AH	30.10.24
1	ISSUED FOR DA	SP	KC	29.07.22

PARTRIDGE HYDRAULIC SERVICES ABN 11 608 027 578
Level 5, 1 Chandos Street, St Leonards NSW 2065 Australia
t 612 9460 9000 **f** 612 9460 9090
email: partridge@partridge.com.au **web:** www.partridge.com.au

STORMWATER SERVICES

Client
WIMBLEDON 1963 PTY LTD

ARCHITECT
URSINO ARCHITECTS
46 / 99 MOORE ST, LEICHHARDT
T 02 8970 2421

Project
NEW RESIDENCE
2A ALLEN AVENUE
BILGOLA BEACH

Title
PROPOSED DRAINAGE SERVICES DETAILS SHEET

ELECTRONIC SIGNATURE:
THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC SIGNATURE CODE. THE PRESENCE OF THIS CODE SIGNIFIES THAT THIS IS THE CERTIFIED DRAWING ISSUED FOR CONSTRUCTION.

DO NOT SCALE DRAWINGS
USE FIGURED DIMENSIONS

Electronic Code	Signature Date	Designed
-		K.C.
Scale at A1	Date	Drawn
AS SHOWN	JULY 2022	S.P.
Job No.	Drawing No.	Revision
2021H0040 SWDA 1.6		2

NOT FOR CONSTRUCTION