PROPOSED DEVELOPMENT
No.1127 BARRENJOEY ROAD, PALM BEACH
STORMWATER MANAGEMENT PLANS

LEGEND

- DENOTES ON-SITE DETENTION TANK
- DENOTES ON-SITE RETENTION TANK
- DENOTES DWELLING FOOTPRINT
- SW — DENOTES 100mm DIA. STORMWATER/SURFACE WATER SYSTEM PIPE AT 1% MIN. GRADE U.N.O.
- RW — DENOTES 100mm DIA. FULLY SEALED RAINWATER SYSTEM PIPE U.N.O.
- 150 RW — DENOTES RAINWATER PIPE AND DIA. WHEN PIPE EXCEEDS 100mm DIA.
- 150 SW — DENOTES STORMWATER/SURFACE WATER PIPE AND DIA. WHEN PIPE EXCEEDS 100mm DIA.
- 65 W/RM — DENOTES RISING MAIN AND PIPE DIA. U.N.O.
- 100 SS — DENOTES SUBSOIL DRAINAGE LINE AND DIA. WRAPPED IN GEOFABRIC U.N.O.
- DP — DENOTES DOWNPIPE
- IO — DENOTES INSPECTION OPENING WITH SCREW DOWN LID AT FINISHED SURFACE LEVEL
- CO — DENOTES INSPECTION OPENING WITH SCREW DOWN LID AT FINISHED SURFACE LEVEL FOR SYSTEM FLUSHING PURPOSES
- STORMWATER PIT - SOLID COVER
- STORMWATER PIT - GRATED INLET
- DENOTES GRATED DRAIN
- DENOTES ABSORPTION TRENCH
- NON RETURN VALVE
- PUMP
- STOP VALVE (ISOLATION VALVE)
- 240v REQUIRED
- IL23.31 — DENOTES LEVEL OF INLET /OUTLET OF STORMWATER PIPE. NOTE: UNLESS NOTED OTHERWISE, THE BASE OF THE PIT IS THE SAME AS THE PIPE INLET/OUTLET.

DIAL BEFORE YOU DIG

DIAL BEFORE YOU DIG www.1100.com.au

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

GENERAL NOTES

1. THESE PLANS SHALL BE READ IN CONJUNCTION WITH OTHER RELEVANT CONSULTANTS' PLANS, SPECIFICATIONS, CONDITIONS OF DEVELOPMENT CONSENT AND CONSTRUCTION CERTIFICATE REQUIREMENTS. WHERE DISCREPANCIES ARE FOUND ACOR CONSULTANTS (CC) MUST BE CONTACTED IMMEDIATELY FOR VERIFICATION
2. WHERE THESE PLANS ARE NOTED FOR DEVELOPMENT APPLICATION PURPOSES ONLY, THEY SHALL NOT BE USED FOR OBTAINING A CONSTRUCTION CERTIFICATE NOR USED FOR CONSTRUCTION PURPOSES
3. SUBSOIL DRAINAGE SHALL BE DESIGNED AND DETAILED BY THE STRUCTURAL ENGINEER. SUBSOIL DRAINAGE SHALL NOT BE CONNECTED INTO THE STORMWATER SYSTEM IDENTIFIED ON THESE PLANS UNLESS APPROVED BY ACOR CONSULTANTS (CC)

STORMWATER CONSTRUCTION NOTES

1. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH AS/NZS 3500 (CURRENT EDITION) AND THE REQUIREMENTS OF THE LOCAL COUNCIL'S POLICIES AND CODES
2. THE MINIMUM SIZES OF THE STORMWATER DRAINS SHALL NOT BE LESS THAN DN90 FOR CLASS 1 BUILDINGS AND DN100 FOR OTHER CLASSES OF BUILDING OR AS REQUIRED BY THE REGULATORY AUTHORITY
3. THE MINIMUM GRADIENT OF STORMWATER DRAINS SHALL BE 1%, UNLESS NOTED OTHERWISE
4. COUNCIL'S TREE PRESERVATION ORDER IS TO BE STRICTLY ADHERED TO. NO TREES SHALL BE REMOVED UNTIL PERMIT IS OBTAINED
5. PUBLIC UTILITY SERVICES ARE TO BE ADJUSTED AS NECESSARY AT THE CLIENT'S EXPENSE
6. ALL PITS TO BE BENCHED AND STREAMLINED. PROVIDE STEP IRONS FOR ALL PITS OVER 1.2m DEEP
7. MAKE SMOOTH JUNCTION WITH ALL EXISTING WORK
8. VEHICULAR ACCESS AND ALL SERVICES TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION
9. SERVICES SHOWN ON THESE PLANS HAVE BEEN LOCATED FROM INFORMATION SUPPLIED BY THE RELEVANT AUTHORITIES AND FIELD INVESTIGATIONS AND ARE NOT GUARANTEED COMPLETE NOR CORRECT. IT IS THE CLIENT & CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL PRIOR TO CONSTRUCTION
10. ANY VARIATION TO THE WORKS AS SHOWN ON THE APPROVED DRAWINGS ARE TO BE CONFIRMED BY ACOR CONSULTANTS (CC) PRIOR TO THEIR COMMENCEMENT

RAINWATER RE-USE SYSTEM NOTES

1. RAINWATER SUPPLY PLUMBING TO BE CONNECTED TO OUTLETS WHERE REQUIRED BY BASIX CERTIFICATE (BY OTHERS)
2. TOWN WATER CONNECTION TO RAINWATER TANK TO BE TO THE SATISFACTION OF THE REGULATORY AUTHORITY. THIS MAY REQUIRE PROVISION OF:
   - 2.1. PERMANENT AIR GAP
   - 2.2. BACKFLOW PREVENTION DEVICE
3. NO DIRECT CONNECTION BETWEEN TOWN WATER SUPPLY AND THE RAIN WATER SUPPLY
4. AN APPROVED STOP VALVE AND/OR PRESSURE LIMITING VALVE AT THE RAINWATER TANK
5. PROVIDE APPROPRIATE FLOAT VALVES AND/OR SOLENOID VALVES TO CONTROL TOWN WATER SUPPLY INLET TO TANK IN ORDER TO ACHIEVE THE TOP-UP INDICATED ON THE TYPICAL DETAIL
6. ALL PLUMBING WORKS ARE TO BE CARRIED OUT BY LICENSED PLUMBERS IN ACCORDANCE WITH AS/NZS3500.1 NATIONAL PLUMBING AND DRAINAGE CODE
7. PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY A LICENSED ELECTRICIAN
8. ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANK . SURFACE WATER INLETS ARE NOT TO BE CONNECTED
9. PIPE MATERIALS FOR RAINWATER SUPPLY PLUMBING ARE TO BE APPROVED MATERIALS TO AS/NZS3500 PART 1 SECTION 2 AND TO BE CLEARLY AND PERMANENTLY IDENTIFIED AS 'RAINWATER'. THIS MAY BE ACHIEVED FOR BELOW GROUND PIPES USING IDENTIFICATION TAPE (MADE IN ACCORDANCE WITH AS2648) OR FOR ABOVE GROUND PIPES BY USING ADHESIVE PIPE MARKERS (MADE IN ACCORDANCE WITH AS1345)
10. EVERY RAINWATER SUPPLY OUTLET POINT AND THE RAINWATER TANK ARE TO BE LABELED 'RAINWATER' ON A METALLIC SIGN IN ACCORDANCE WITH AS1319
11. ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO PREVENT MOSQUITO AND VERMIN ENTRY

SHEET INDEX

COVER SHEET & NOTES	SHEET C1
STORMWATER MANAGEMENT PLAN - BASEMENT	SHEET C2
STORMWATER MANAGEMENT PLAN - GROUND FLOOR	SHEET C3
STORMWATER MANAGEMENT DETAILS SHEET No.1	SHEET C4
STORMWATER MANAGEMENT DETAILS SHEET No.2	SHEET C5

NORTHERN BEACHES COUNCIL REQUIREMENTS PITTWATER REQUIREMENTS

SITE AREA (m^2) 624
EXISTING DWELLING (m^2) 296
PROPOSED DWELLING AREA (m^2) + DRIVEWAY (m^2) 345
POST DEVELOPMENT IMPERVIOUS AREAS (m^2) 345

1. PROVIDE 8,500L RAINWATER RE-USE, IN ACCORDANCE WITH BASIX REQUIREMENT.
2. COUNCIL DCP SECTION B5.7 STATES THAT IF ADDITIONAL IMPERVIOUS AREA IS LESS THAN 50m² THEN NO OSD REQUIRED.
   THE PROPOSED DEVELOPMENT WILL HAVE AN INCREASE IN IMPERVIOUS AREA OF 49.0(m²).
   THEREORE OSD NOT REQUIRED

DESIGN PREPARED IN ACCORDANCE WITH PITTWATER COUNCIL'S DCP 21 - SECTION B5.7, AR&R AND AS/NZS 3500.

LOCALITY PLAN

DEVELOPMENT APPLICATION ISSUE
NOT FOR CONSTRUCTION

© COPYRIGHT of this design and plan is the property of ACOR Consultants (CC) Pty Ltd, ACN 127 012 104 ATF The ACOR (CC) Unit Trust ABN 81 392 991 647, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (CC) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (CC) Pty Ltd by ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: MR MICHAEL GOODWIN MIEAust CPEng NER

Issue	Description	Date	Drawn	Approved
C	ISSUED FOR DEVELOPMENT APPLICATION	26.11.20	SJ	BK
B	ISSUED FOR PRE DA DISCUSSIONS	18.05.20	SJ	BK
A	ISSUED FOR PRE DA DISCUSSIONS	12.05.20	SJ	BK

1 0 1cm at full size 10cm

North

Client: KENNEDY

Architect: TREGALE & ASSOCIATES

ACOR CONSULTANTS
ACOR Consultants (CC) Pty Ltd
Platinum Building, Suite 2.01, 4 Ilya Avenue
ERINA NSW 2250, Australia
T +61 2 4324 3499
ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project: PROPOSED RESIDENTIAL DEVELOPMENT
No.1127
BARRENJOEY ROAD
PALM BEACH

Drawing Title: COVER SHEET & NOTES

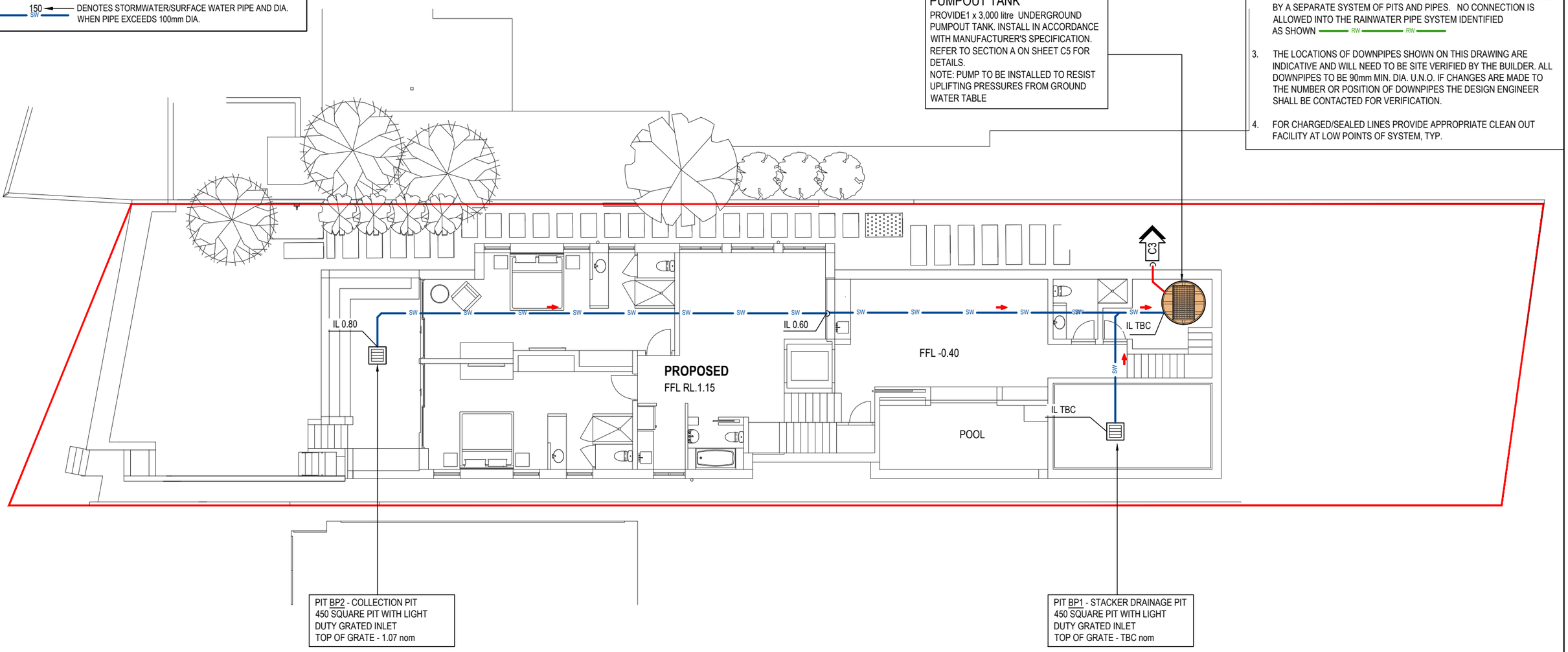
Drawn	Date	Scale A1	Q.A. Check	Date
SJ	12.05.20	AS NOTED	-	-
Designed	Project No.		Dwg. No.	Issue
BK	CC200091		C1	C

STORMWATER LEGEND

- RW — DENOTES 100mm DIA. FULLY SEALED UNDERGROUND RAINWATER SYSTEM PIPE U.N.O.
- SW — DENOTES 100mm DIA. UNDERGROUND STORMWATER / SURFACE WATER SYSTEM PIPE AT 1% MIN. GRADE U.N.O.
- W/RM — DENOTES 50mm DIA. WATER RISING MAIN FROM PUMP-OUT TANK
- 150 RW — DENOTES RAINWATER PIPE AND DIA. WHEN PIPE EXCEEDS 100mm DIA.
- 150 SW — DENOTES STORMWATER/SURFACE WATER PIPE AND DIA. WHEN PIPE EXCEEDS 100mm DIA.

NOTES:

1. TOP OF GRATE LEVELS HAVE BEEN DETERMINED FROM THE SURVEY DETAIL PROVIDED. FOLLOWING EARTHWORKS AND BENCHING, VALIDITY OF GRATE LEVELS SHOULD BE ASSESSED AND ADJUSTED AS REQUIRED TO MEET THE INTENT OF THE DESIGN. WHERE IN DOUBT CONTACT THE DESIGN ENGINEER.
2. LANDSCAPE SURFACE DRAINAGE SYSTEM TO DETAIL BY OTHERS. THIS SYSTEM IS TO BE INTEGRATED WITH ANY LANDSCAPE REQUIREMENTS. THE COLLECTION OF LANDSCAPE STORMWATER SHALL BE CONVEYED BY A SEPARATE SYSTEM OF PITS AND PIPES. NO CONNECTION IS ALLOWED INTO THE RAINWATER PIPE SYSTEM IDENTIFIED AS SHOWN RW RW
3. THE LOCATIONS OF DOWNPIPES SHOWN ON THIS DRAWING ARE INDICATIVE AND WILL NEED TO BE SITE VERIFIED BY THE BUILDER. ALL DOWNPIPES TO BE 90mm MIN. DIA. U.N.O. IF CHANGES ARE MADE TO THE NUMBER OR POSITION OF DOWNPIPES THE DESIGN ENGINEER SHALL BE CONTACTED FOR VERIFICATION.
4. FOR CHARGED/SEALED LINES PROVIDE APPROPRIATE CLEAN OUT FACILITY AT LOW POINTS OF SYSTEM, TYP.



STORMWATER MANAGEMENT PLAN - BASEMENT

SCALE - 1:75/A1, 1:150/A3

0 0.75 1.5 3 4.5 6 7.5m

WARNING
LOCATION AND DEPTH OF ALL UNDERGROUND SERVICES TO BE INVESTIGATED WITH THE RELEVANT AUTHORITIES PRIOR TO COMMENCING WORK

© COPYRIGHT of this design and plan is the property of ACOR Consultants (CC) Pty Ltd, ACN 127 012 104 ATF The ACOR (CC) Unit Trust ABN 81 392 991 647, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (CC) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (CC) Pty Ltd by ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: MR MICHAEL GOODWIN MIEAust CPEng NER

Issue	Description	Date	Drawn	Approved
C	ISSUED FOR DEVELOPMENT APPLICATION	26.11.20	SJ	BK
B	ISSUED FOR PRE DA DISCUSSIONS	18.05.20	SJ	BK
A	ISSUED FOR PRE DA DISCUSSIONS	12.05.20	SJ	BK

1 0 1cm at full size 10cm

North

Client: KENNEDY

Architect: TREGALE & ASSOCIATES

ACOR CONSULTANTS
ACOR Consultants (CC) Pty Ltd
Platinum Building, Suite 2.01, 4 Ilya Avenue
ERINA NSW 2250, Australia
T +61 2 4324 3499
ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project: PROPOSED RESIDENTIAL DEVELOPMENT
No.1127
BARRENJOEY ROAD
PALM BEACH

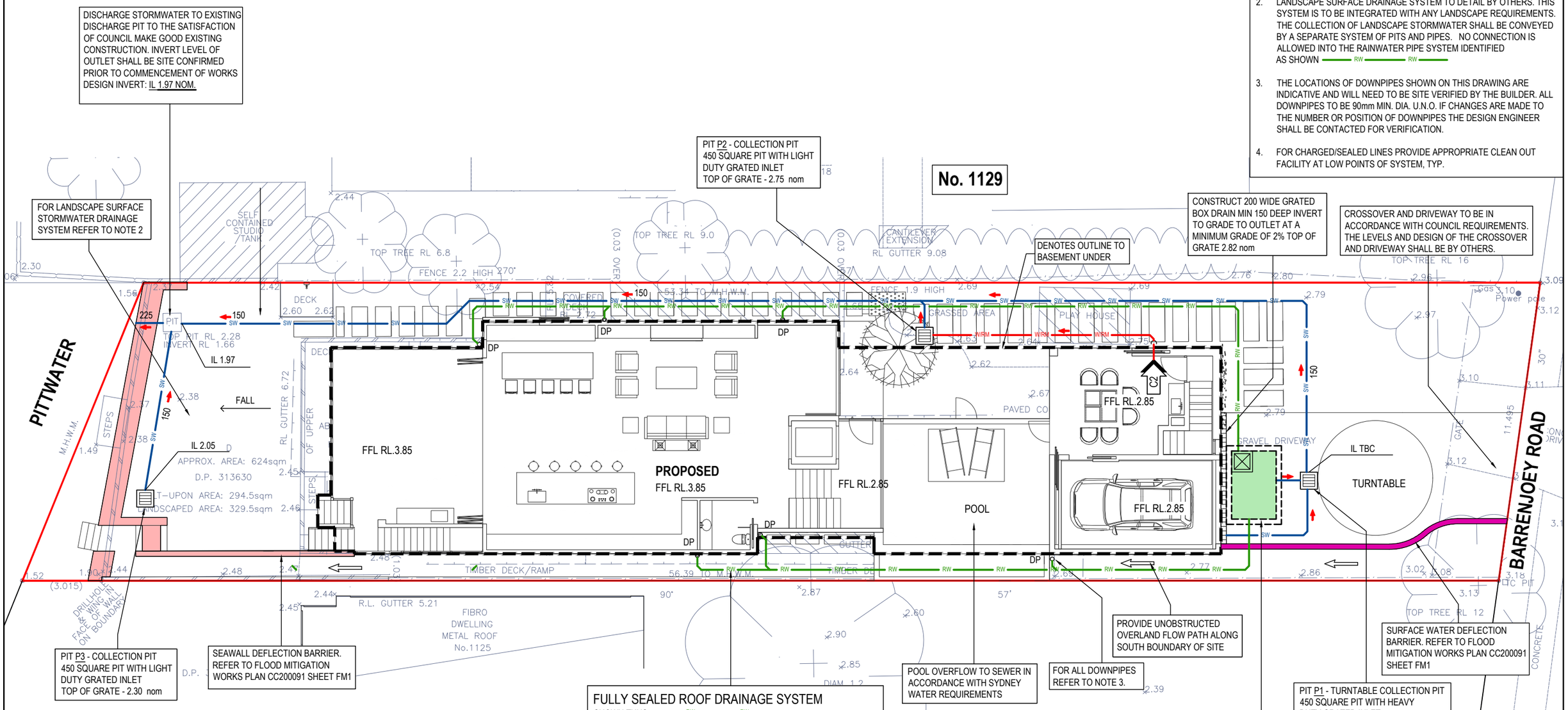
Drawing Title: STORMWATER MANAGEMENT PLAN - BASEMENT

Drawn	Date	Scale A1	Q.A. Check	Date
SJ	12.05.20	AS NOTED	-	-

Designed	Project No.	Dwg. No.	Issue
BK	CC200091	C2	C

NOTES:

1. TOP OF GRATE LEVELS HAVE BEEN DETERMINED FROM THE SURVEY DETAIL PROVIDED. FOLLOWING EARTHWORKS AND BENCHING, VALIDITY OF GRATE LEVELS SHOULD BE ASSESSED AND ADJUSTED AS REQUIRED TO MEET THE INTENT OF THE DESIGN. WHERE IN DOUBT CONTACT THE DESIGN ENGINEER.
2. LANDSCAPE SURFACE DRAINAGE SYSTEM TO DETAIL BY OTHERS. THIS SYSTEM IS TO BE INTEGRATED WITH ANY LANDSCAPE REQUIREMENTS. THE COLLECTION OF LANDSCAPE STORMWATER SHALL BE CONVEYED BY A SEPARATE SYSTEM OF PITS AND PIPES. NO CONNECTION IS ALLOWED INTO THE RAINWATER PIPE SYSTEM IDENTIFIED AS SHOWN —— RW —— RW ——
3. THE LOCATIONS OF DOWNPIPES SHOWN ON THIS DRAWING ARE INDICATIVE AND WILL NEED TO BE SITE VERIFIED BY THE BUILDER. ALL DOWNPIPES TO BE 90mm MIN. DIA. U.N.O. IF CHANGES ARE MADE TO THE NUMBER OR POSITION OF DOWNPIPES THE DESIGN ENGINEER SHALL BE CONTACTED FOR VERIFICATION.
4. FOR CHARGED/SEALED LINES PROVIDE APPROPRIATE CLEAN OUT FACILITY AT LOW POINTS OF SYSTEM, TYP.



FULLY SEALED ROOF DRAINAGE SYSTEM

SHOWN THUS: —— RW —— RW ——

DRAINAGE SYSTEM TO BE FULLY SEALED FROM ROOF GUTTER LEVEL TO TOP OF RAINWATER TANK. SEAL ALL PIPEWORK FROM RE-USE TANK TO EAVE LINE USING SOLVENT WELDED JOINTS. RAINWATER SYSTEM SHALL COLLECT ROOF WATER ONLY. NO ADDITIONAL PITS FOR COLLECTION OF SURFACE WATER WILL BE PERMITTED TO CONNECT INTO THE ROOF WATER SYSTEM. PROVIDE FOLLOWING STANDARD FITTINGS TO CONNECTED DOWNPIPES: LEAF/MOSQUITO SCREEN HEADS AND FIRST FLUSH DIVERTER, TYP.

RAINWATER RE-USE TANK

PROVIDE 1 x 8,500 litre BELOW GROUND TANK FOR RE-USE IN ACCORDANCE WITH THE REQUIREMENTS OF THE BASIX CERTIFICATE & COUNCIL REQUIREMENTS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION, AS/NZS 3500, AND COUNCIL'S GUIDELINES. REFER SHEET C4 FOR DETAIL.
FINAL LOCATION OF TANK TO BE SITE CONFIRMED.

PROVIDE TANK RE-USE PUMP CONTROL UNIT TO MANUFACTURERS SPECIFICATION. PROVIDE FIRST FLUSH DEVICE OR EQUIVALENT PRIOR TO DISCHARGING TO TANK.

STORMWATER LEGEND

—— RW ——	DENOTES 100mm DIA. FULLY SEALED UNDERGROUND RAINWATER SYSTEM PIPE U.N.O.
—— SW ——	DENOTES 100mm DIA. UNDERGROUND STORMWATER / SURFACE WATER SYSTEM PIPE AT 1% MIN. GRADE U.N.O.
—— W/RM ——	DENOTES 50mm DIA. WATER RISING MAIN FROM PUMP-OUT TANK
150 ◄ RW	DENOTES RAINWATER PIPE AND DIA. WHEN PIPE EXCEEDS 100mm DIA.
150 ◄ SW	DENOTES STORMWATER/SURFACE WATER PIPE AND DIA. WHEN PIPE EXCEEDS 100mm DIA.

STORMWATER MANAGEMENT PLAN - GROUND FLOOR

SCALE - 1:75/A1, 1:150/A3

0 0.75 1.5 3 4.5 6 7.5m

WARNING
LOCATION AND DEPTH OF ALL UNDERGROUND SERVICES TO BE INVESTIGATED WITH THE RELEVANT AUTHORITIES PRIOR TO COMMENCING WORK

© COPYRIGHT of this design and plan is the property of ACOR Consultants (CC) Pty Ltd, ACN 127 012 104 ATF The ACOR (CC) Unit Trust ABN 81 392 991 647, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (CC) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (CC) Pty Ltd by ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: MR MICHAEL GOODWIN MIEAust CPEng NER

Issue	Description	Date	Drawn	Approved
C	ISSUED FOR DEVELOPMENT APPLICATION	26.11.20	SJ	BK
B	ISSUED FOR PRE DA DISCUSSIONS	18.05.20	SJ	BK
A	ISSUED FOR PRE DA DISCUSSIONS	12.05.20	SJ	BK

1 0 1cm at full size 10cm

North

Client: KENNEDY

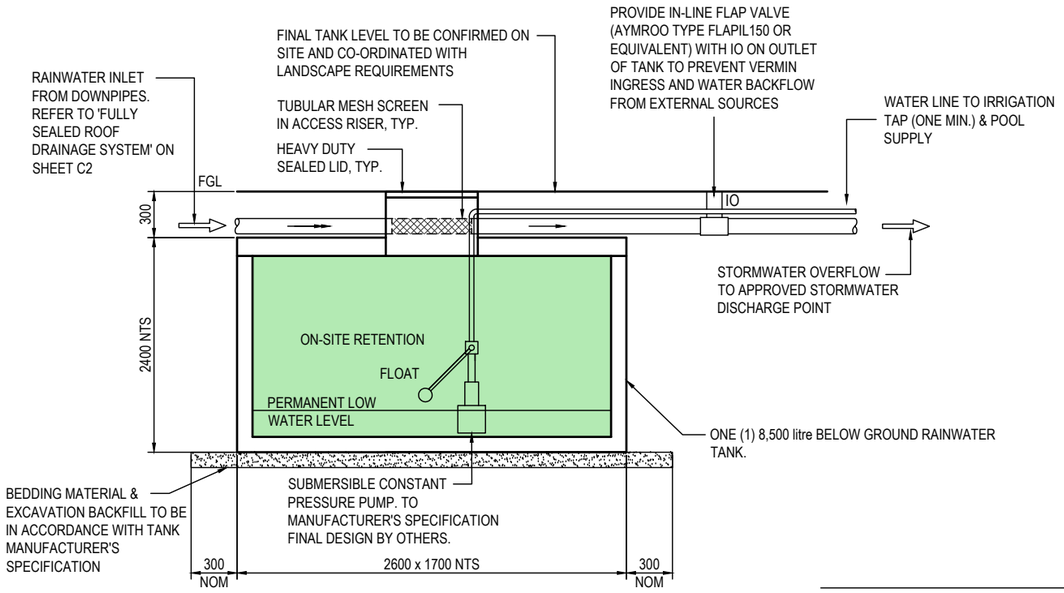
Architect: TREGALE & ASSOCIATES

ACOR CONSULTANTS
ACOR Consultants (CC) Pty Ltd
Platinum Building, Suite 2.01, 4 Ilya Avenue
ERINA NSW 2250, Australia
T +61 2 4324 3499
ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project: PROPOSED RESIDENTIAL DEVELOPMENT
No.1127
BARRENJOEY ROAD
PALM BEACH

Drawing Title: STORMWATER MANAGEMENT PLAN - GROUND FLOOR

Drawn	Date	Scale A1	Q.A. Check	Date
SJ	12.05.20	AS NOTED	-	-
Designed	Project No.		Dwg. No.	Issue
BK	CC200091		C3	C



DETAIL 1 - BELOW GROUND RAINWATER RE-USE TANK ELEVATION

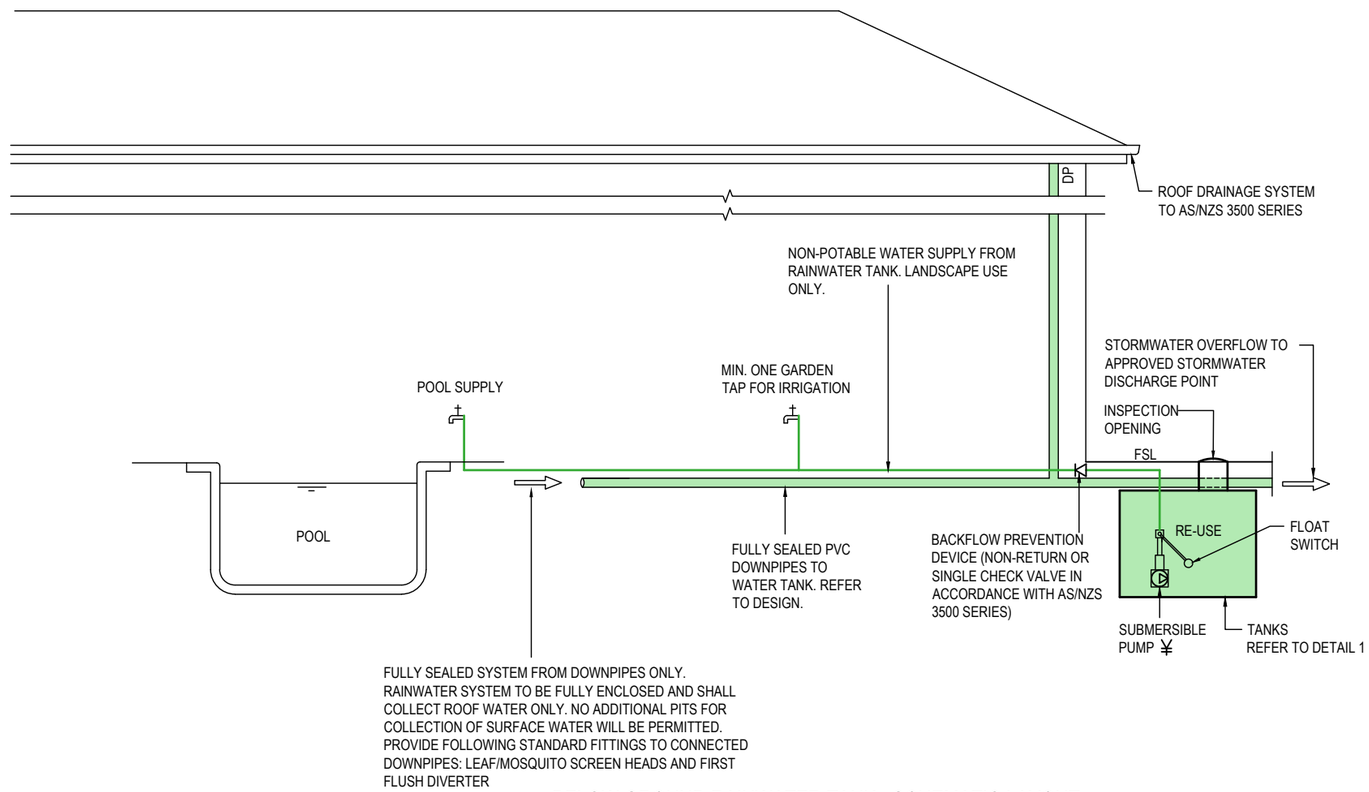
NOT TO SCALE

* DIMENSIONS TO BE CONFIRMED WITH MANUFACTURER, VARIATION TO BE REFERRED TO THE DESIGN ENGINEER FOR VALIDATION

TYPICAL WARNING SIGN

SCALE N.T.S

* EVERY EXTERNAL SUPPLY OUTLET FROM RAINWATER RE-USE TANK TO BE LABELED WITH METALLIC WARNING SIGN



BELOW GROUND RAINWATER TANK - SCHEMATIC LAYOUT

NOT TO SCALE

© COPYRIGHT of this design and plan is the property of ACOR Consultants (CC) Pty Ltd, ACN 127 012 104 ATF The ACOR (CC) Unit Trust ABN 81 392 991 647, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (CC) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (CC) Pty Ltd by ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: MR MICHAEL GOODWIN MIEAust CPEng NER

Issue	Description	Date	Drawn	Approved
C	ISSUED FOR DEVELOPMENT APPLICATION	26.11.20	SJ	BK
B	ISSUED FOR PRE DA DISCUSSIONS	18.05.20	SJ	BK
A	ISSUED FOR PRE DA DISCUSSIONS	12.05.20	SJ	BK

North

1 0 1cm at full size 10cm

Client: KENNEDY

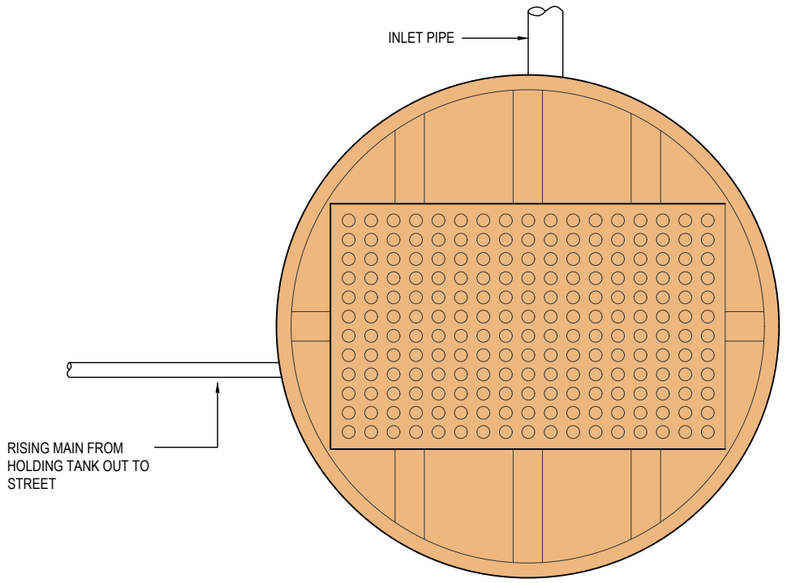
Architect: TREGALE & ASSOCIATES

ACOR CONSULTANTS
ACOR Consultants (CC) Pty Ltd
Platinum Building, Suite 2.01, 4 Ilya Avenue
ERINA NSW 2250, Australia
T +61 2 4324 3499
ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project: PROPOSED RESIDENTIAL DEVELOPMENT
No.1127
BARRENJOEY ROAD
PALM BEACH

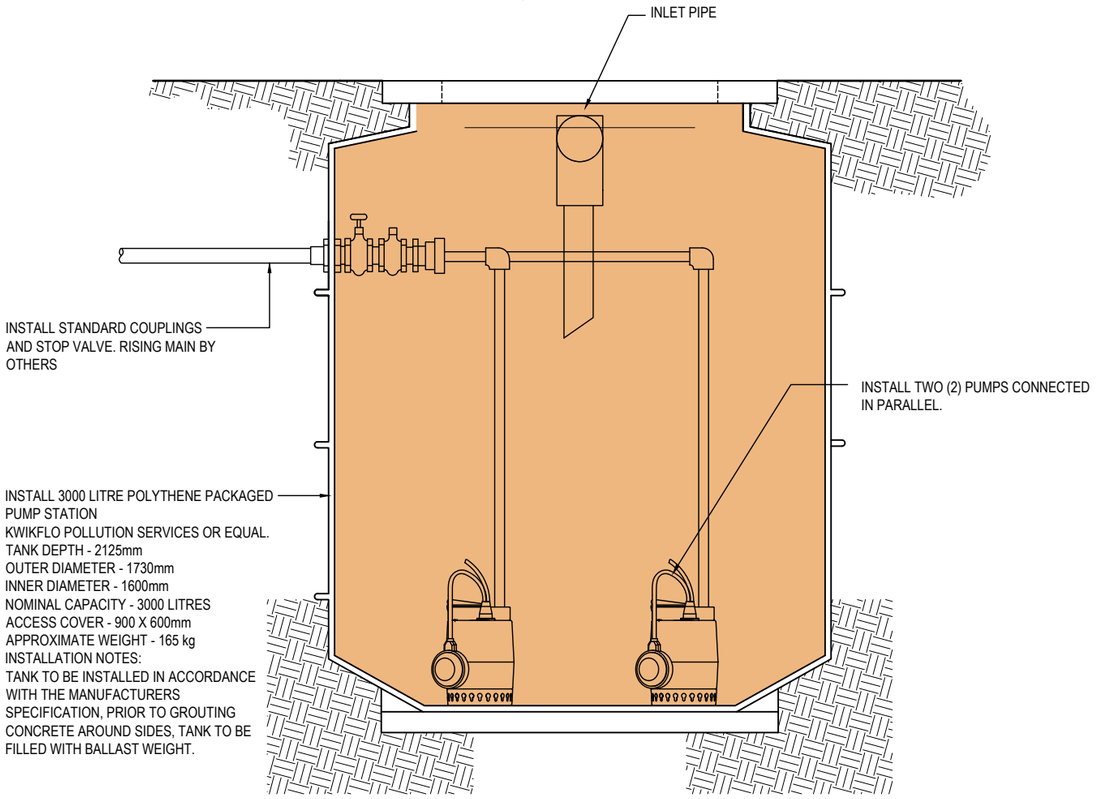
Drawing Title: STORMWATER MANAGEMENT DETAILS SHEET No.1

Drawn	Date	Scale A1	Q.A. Check	Date
SJ	12.05.20	AS NOTED	-	-
Designed	Project No		Dwg. No.	Issue
BK	CC200091		C4	C



PUMP-OUT TANK SYSTEM - PLAN

SCALE - 1:10/A1, 1:20/A3



PUMP-OUT TANK SYSTEM - SECTION

SCALE - 1:10/A1, 1:20/A3

© COPYRIGHT of this design and plan is the property of ACOR Consultants (CC) Pty Ltd, ACN 127 012 104 ATF The ACOR (CC) Unit Trust ABN 81 392 991 647, all rights reserved. It must not be used, modified, reproduced or copied wholly or in part without written permission from ACOR Consultants (CC) Pty Ltd. ACOR Consultants is a trademark licensed to ACOR Consultants (CC) Pty Ltd by ACOR Consultants Pty Ltd.

This drawing has been assigned an electronic code that signifies the drawing has been checked and approved by: MR MICHAEL GOODWIN MIEAust CPEng NER

Issue	Description	Date	Drawn	Approved
C	ISSUED FOR DEVELOPMENT APPLICATION	26.11.20	SJ	BK
B	ISSUED FOR PRE DA DISCUSSIONS	18.05.20	SJ	BK
A	ISSUED FOR PRE DA DISCUSSIONS	12.05.20	SJ	BK

0 1cm at full size 10cm

North

Client: KENNEDY

Architect: TREGALE & ASSOCIATES

ACOR CONSULTANTS
ACOR Consultants (CC) Pty Ltd
Platinum Building, Suite 2.01, 4 Ilya Avenue
ERINA NSW 2250, Australia
T +61 2 4324 3499
ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project: PROPOSED RESIDENTIAL DEVELOPMENT
No.1127
BARRENJOEY ROAD
PALM BEACH

Drawing Title: STORMWATER MANAGEMENT DETAILS SHEET No.2

Drawn	Date	Scale A1	Q.A. Check	Date
SJ	12.05.20	AS NOTED	-	-

Designed	Project No.	Dwg. No.	Issue
BK	CC200091	C5	C