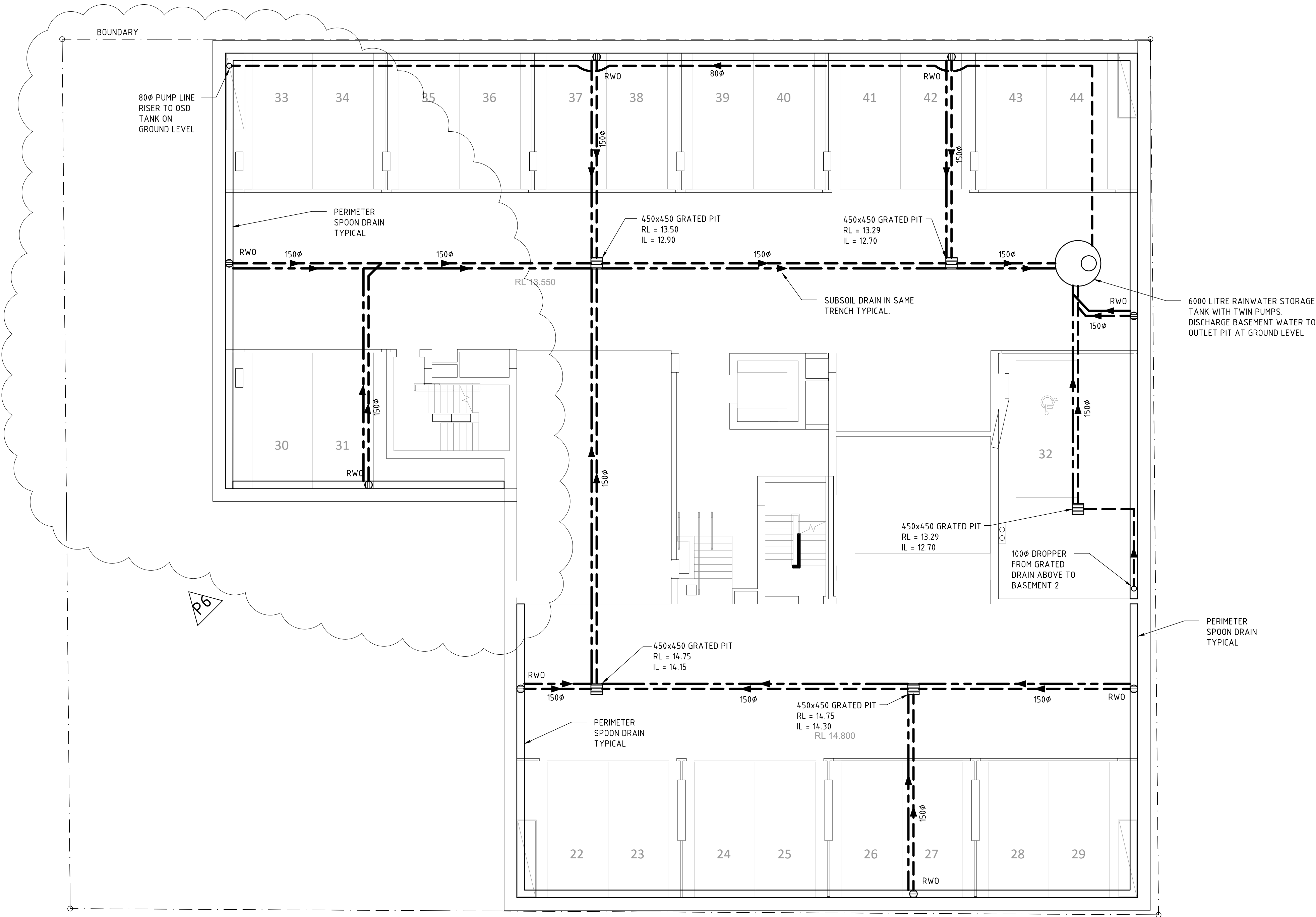




BASEMENT 2 STORMWATER PLAN

ALL PIPES TO BE Ø100 UPVC @ 1% FALL, TYPICAL U.N.O. SCALE 1:100  
REFER TO LEGEND ON STORMWATER NOTES DRAWING 221024/SW01.

NOTE: ALL PITS & PIPES TO BE SEALED & PRESSURE RATED TO PREVENT INGRESS OF GROUND WATER.

NOTE: THE BUILDING STRUCTURE AND ALL SERVICES INLETS, GRILLES TO BE SEALED TO THE LEVEL REQUIRED BY THE DEVELOPMENT CONSENT.

NOTE: CONSTRUCT BASEMENT B2 OVER 75mm LAYER FREE DRAINING GRAVEL GRADED TO SUBSOIL DRAINS.

|          |      |          |                |     |
|----------|------|----------|----------------|-----|
|          | P6   | 04.02.22 | LAYOUT UPDATED | RAL |
|          | P5   | 28.01.22 | LAYOUT UPDATED | RAL |
|          | P4   | 24.09.21 | ISSUE FOR DA   | RAL |
|          | P3   | 31.08.21 | LAYOUT REVISED | RAL |
|          | P2   | 18.08.21 | ISSUED FOR DA  | RAL |
| REVISION | DATE |          | DESCRIPTION    | BY  |

This drawing MUST be read in conjunction with ALL drawings for this project including but not limited to all construction notes.

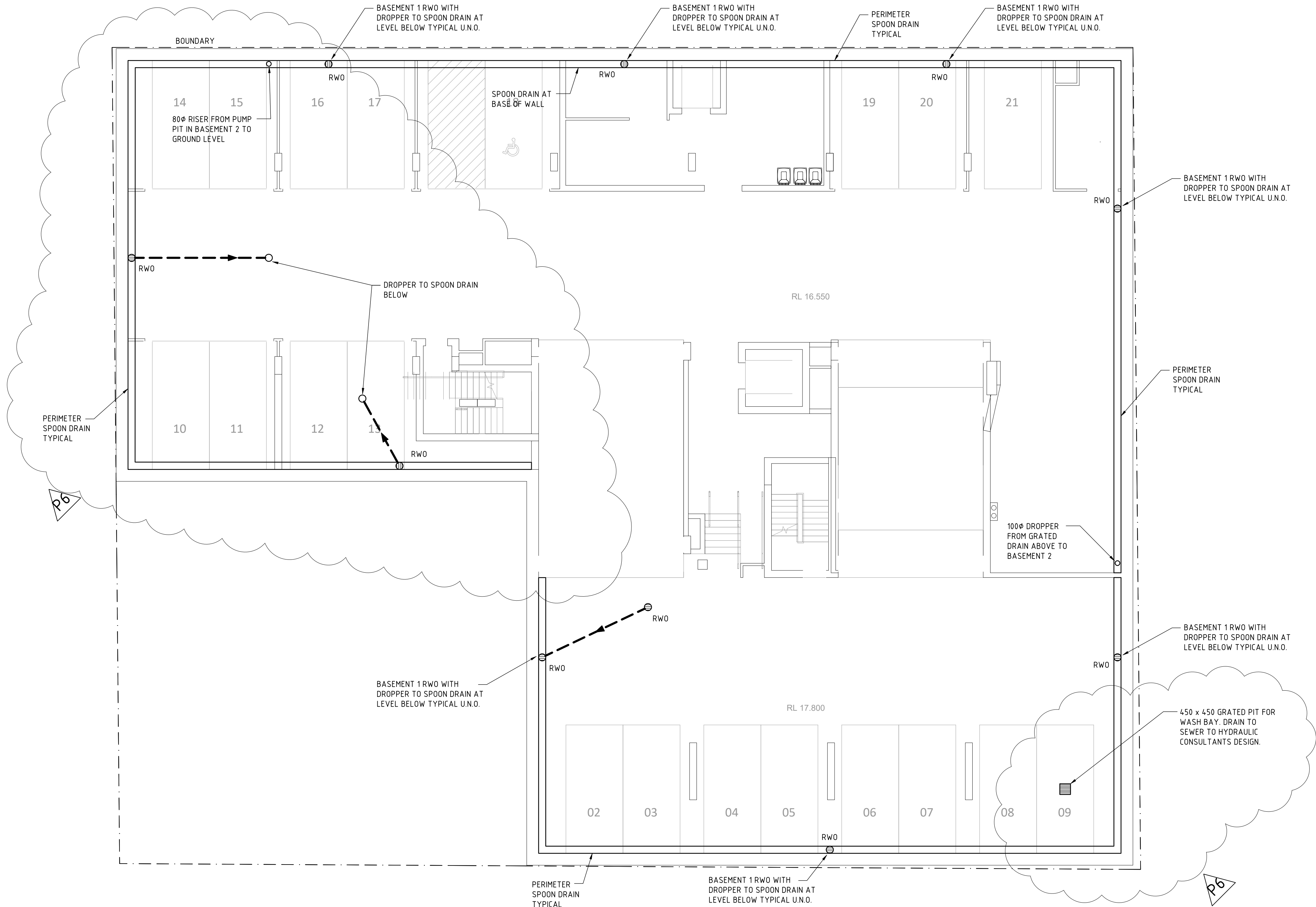
FOR DEVELOPMENT APPLICATION

ARCHITECT: Drew Dickson Architects  
CLIENT: Harbour Cove Development

PROJECT: Proposed Development  
31-35 Addison St, Shellharbour NSW 2529  
TITLE: BASEMENT 2  
STORMWATER PLAN

221024  
SW02 P6

|              |
|--------------|
| DESIGNED: MA |
| DRAWN: RAL   |
| CHECKED: DW  |
| DATE: AUG 21 |



BASEMENT 1 STORMWATER PLAN

ALL PIPES TO BE Ø100 UPVC @ 1% FALL, TYPICAL U.N.O. SCALE 1:100  
REFER TO LEGEND ON STORMWATER NOTES DRAWING 221024/SW01.

NOTE: ALL PITS & PIPES TO BE SEALED & PRESSURE RATED TO PREVENT INGRESS OF GROUND WATER.

NOTE: THE BUILDING STRUCTURE AND ALL SERVICES INLETS, GRILLES TO BE SEALED TO THE LEVEL REQUIRED BY THE DEVELOPMENT CONSENT.

|          |      |          |                |     |
|----------|------|----------|----------------|-----|
|          | P6   | 04.02.22 | LAYOUT UPDATED | RAL |
|          | P5   | 28.01.21 | LAYOUT UPDATED | RAL |
|          | P4   | 24.09.21 | ISSUE FOR DA   | RAL |
|          | P3   | 31.08.21 | LAYOUT REVISED | RAL |
|          | P2   | 18.08.21 | ISSUED FOR DA  | RAL |
| REVISION | DATE |          | DESCRIPTION    | BY  |

This drawing MUST be read in conjunction with ALL drawings for this project including but not limited to all construction notes.

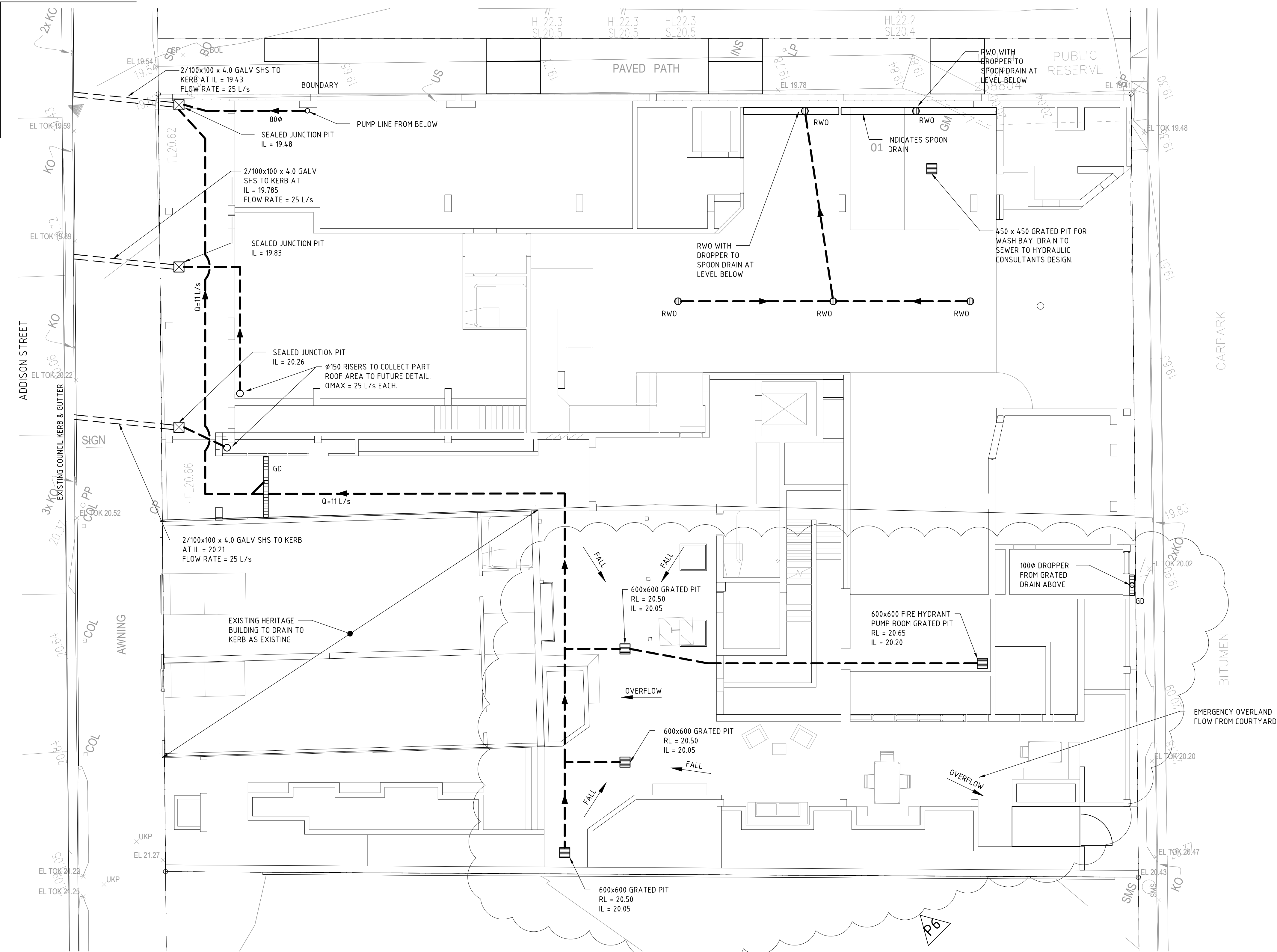
FOR DEVELOPMENT APPLICATION

ARCHITECT: Drew Dickson Architects  
CLIENT: Harbour Cove Development

PROJECT: Proposed Development  
31-35 Addison St, Shellharbour NSW 2529  
TITLE: BASEMENT 1  
STORMWATER PLAN

221024  
DRAWING: SW03  
REVISION: P6  
DATE: AUG 21

|              |
|--------------|
| DESIGNED: MA |
| DRAWN: RAL   |
| CHECKED: DW  |
| DATE: AUG 21 |



## GROUND FLOOR STORMWATER PLAN

ALL PIPES TO BE Ø150 UPVC @ 1% FALL, TYPICAL U.N.O.  
REFER TO LEGEND ON STORMWATER NOTES DRAWING 221024/SW01.

SCALE 1:100

**NOTE:** ALL PITS & PIPES TO BE SEALED & PRESSURE RATED TO PREVENT INGRESS OF GROUND WATER.

**NOTE:** THE BUILDING STRUCTURE AND ALL SERVICES INLETS, GRILLES TO BE SEALED TO THE LEVEL REQUIRED BY THE DEVELOPMENT CONSENT.

|          |      |          |                |     |
|----------|------|----------|----------------|-----|
|          | P6   | 04.02.22 | LAYOUT UPDATED | RAL |
|          | P5   | 31.01.22 | LAYOUT REVISED | RAL |
|          | P4   | 22.09.21 | ISSUE FOR DA   | RAL |
|          | P3   | 31.08.21 | LAYOUT REVISED | RAL |
|          | P2   | 18.08.21 | ISSUED FOR DA  | RAL |
| REVISION | DATE |          | DESCRIPTION    | BY  |

This drawing **MUST** be read in conjunction with ALL drawings for this project including but not limited to all construction notes.

**FOR DEVELOPMENT APPLICATION**

ARCHITECT: **Drew Dickson Architects**  
CLIENT: **Harbour Cove Development**

PROJECT: **Proposed Development 31-35 Addison St, Shellharbour NSW 2529**  
TITLE: **GROUND FLOOR STORMWATER PLAN**

**221024**  
DRAWING: **SW04** REVISION: **P6**

DESIGNED: **MA**  
DRAWN: **RAL**  
CHECKED: **DW**  
DATE: **AUG 21**



### EROSION & SEDIMENT CONTROL NOTES

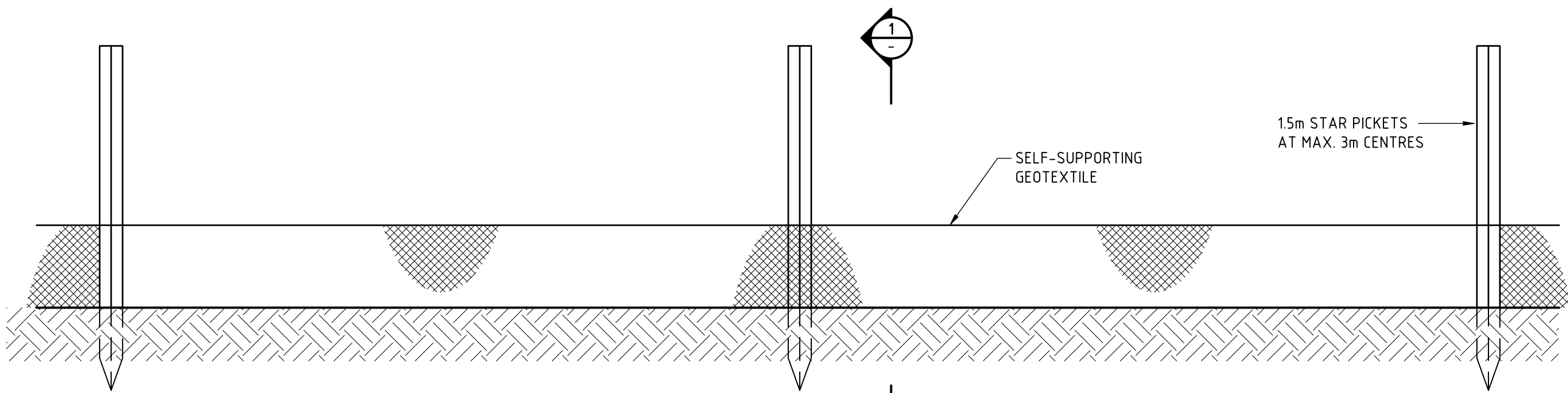
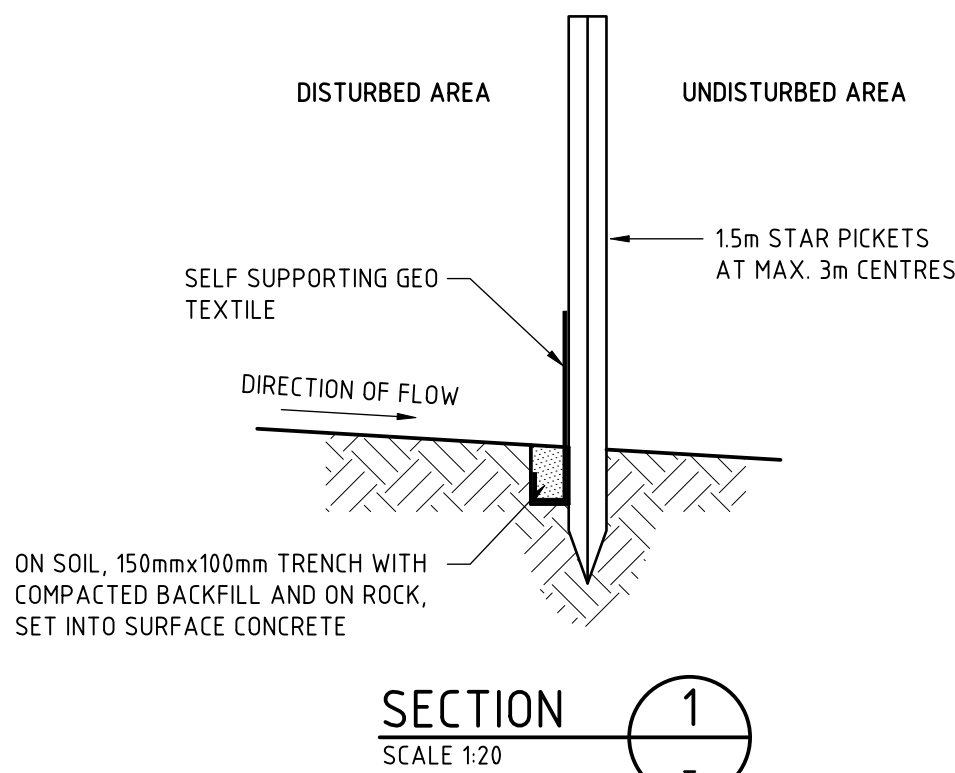
- ALL EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AS SHOWN ON THE DRAWINGS.
- THE TRUCK SHAKER SHALL BE REGULARLY CLEANED BY LIFTING, DISLODGING & REMOVING SPOIL.
- THE TEMPORARY SEDIMENT TRAP PIT SHALL BE CLEANED REGULARLY. IN THE EVENT THE GEOTEXTILE FILTER BECOMES CLOGGED DURING DEWATERING OF THE EXCAVATION, PUMPING SHALL BE STOPPED AND THE FILTER CLEANED OR RENEWED.
- DUST SHALL BE CONTROLLED BY REGULAR MOISTENING OF EXCAVATED SERVICES AND STOCKPILES.

### SEDIMENT FENCE CONSTRUCTION NOTES

- CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
- DRIVE 1.5m LONG STAR PICKETS INTO GROUND, 3m APART.
- DIG A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FEBRIC TO BE ENTRENCHED.
- BACKFILL TRENCH OVER BASE OF FABRIC.
- FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
- JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.

### SOIL & WATER MANAGEMENT PLAN NOTES

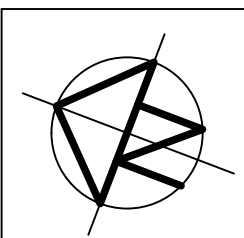
- A. CONSTRUCTION SEQUENCE**
- CONSTRUCT STABILISED SITE ACCESSES.
  - INSTALL ALL BARRIER FENCING TO EXCLUDE ACCESS TO THE NOMINATED RESTRICTED AREAS.
  - CONSTRUCT EARTH BANKS AND CUT-OFF DRAINS TO DIRECT OVERLAND FLOW BEYOND THE SITE.
  - CONSTRUCT EARTH BANKS & CUT-OFF DRAINS TO DIRECT OVERLAND FLOW TO THE DESIGNATED OUTLET PIT.
  - STRIP AND STOCKPILE TOPSOIL FROM THOSE LANDS TO BE EXPOSED TO CONSTRUCTION ACTIVITIES.
  - UNDERTAKE WORKS ACCORDING TO THE ENGINEERING PLANS.
- B. SITE INSPECTION MAINTENANCE CONDITIONS**
- WASTE BINS WILL BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE WILL BE IN A MANNER APPROVED BY THE SITE SUPERINTENDENT.
  - THE SITE SUPERINTENDENT WILL INSPECT THE SITE AT LEAST WEEKLY AND WILL:
    - ENSURE THAT DRAINS OPERATE PROPERLY AND TO EFFECT ANY NECESSARY REPAIRS;
    - REMOVE SPILLED SAND OR OTHER MATERIALS FROM HAZARD AREAS, INCLUDING LANDS CLOSER THAN FIVE METRES FROM AREAS OF LIKELY CONCENTRATED OR HIGH VELOCITY FLOWS ESPECIALLY WATERWAYS AND PAVED AREAS;
    - REMOVE TRAPPED SEDIMENT WHENEVER LESS THAN DESIGN CAPACITY REMAINS WITHIN THE STRUCTURE;
    - ENSURE REHABILITATED LANDS HAVE EFFECTIVELY REDUCED THE EROSION HAZARD AND TO INITIATE UPGRADING OR REPAIR AS APPROPRIATE;
    - MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES IN A FULLY FUNCTIONING CONDITION UNTIL ALL EARTHWORK ACTIVITIES ARE COMPLETED AND THE SITE IS REHABILITATED; AND
    - REMOVE TEMPORARY SOIL CONSERVATION STRUCTURES AS THE LAST ACTIVITY IN THE REHABILITATION PROGRAM.
  - AS A PART OF THE STATUTORY "DILIGENCE AND CARE" RESPONSIBILITIES, THE SITE SUPERINTENDENT WILL KEEP A LOG BOOK, MAKING ENTRIES AT LEAST WEEKLY, IMMEDIATELY BEFORE FORECAST RAIN AND AFTER RAINFALL. ENTRIES WILL INCLUDE:
    - THE VOLUME AND INTENSITY OF ANY RAINFALL EVENTS;
    - THE CONDITION OF ANY SOIL AND WATER MANAGEMENT WORKS;
    - THE CONDITION OF VEGETATION AND ANY NEED TO IRRIGATE;
    - THE NEED FOR DUST PREVENTION STRATEGIES; AND
    - ANY REMEDIAL WORKS TO BE UNDERTAKEN.THE BOOK WILL BE KEPT ON-SITE AND MADE AVAILABLE TO ANY AUTHORISED PERSON ON REQUEST. IT WILL BE GIVEN TO THE PROJECT MANAGER AT THE CONCLUSION OF WORKS.



## SEDIMENT & EROSION CONTROL PLAN

SCALE 1:100

INDICATES SEDIMENT FENCE



|          |          |                |     |
|----------|----------|----------------|-----|
| P6       | 04.02.22 | LAYOUT UPDATED | RAL |
| P5       | 28.01.22 | LAYOUT UPDATED | RAL |
| P4       | 22.09.21 | ISSUE FOR DA   | RAL |
| P3       | 31.08.21 | LAYOUT REVISED | RAL |
| P2       | 18.08.21 | ISSUED FOR DA  | RAL |
| REVISION | DATE     | DESCRIPTION    | BY  |

This drawing **MUST** be read in conjunction with ALL drawings for this project including but not limited to all construction notes.

## FOR DEVELOPMENT APPLICATION

ARCHITECT: Drew Dickson Architects

CLIENT: Harbour Cove Development

PROJECT: Proposed Development  
31-35 Addison St, Shellharbour NSW 2529

TITLE: SEDIMENT & EROSION  
CONTROL PLAN & DETAILS



**DEMLAKIAN**  
INTELLIGENT THINKING

221024

DRAWING: SW05  
REVISION: P6

DESIGNED: MA  
DRAWN: RAL  
CHECKED: DW  
DATE: AUG 21