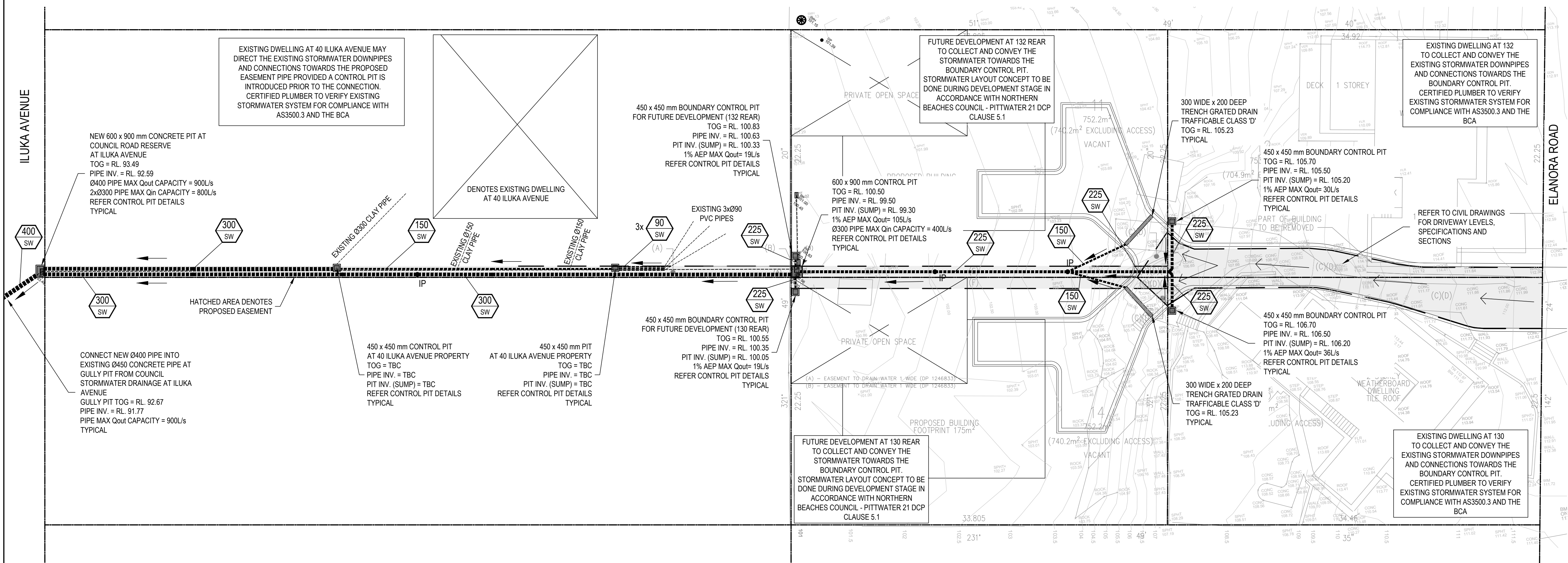


NOTES:

1. REFER GENERAL NOTES FOR SPECIFICATIONS
2. REFER TO ARCHITECT'S DRAWINGS FOR ALL SET-OUT DIMENSIONS, LEVELS, SETDOWNS, HOBS AND FALLS

ALL DRAWINGS, REPORTS, SPECIFICATIONS, BILLS OF MATERIALS, CALCULATIONS AND ANY OTHER RELEVANT DOCUMENTS WITH THIS PROJECT SHALL REMAIN THE PROPERTY OF PORTES PTY. LIMITED. PROVIDED BY PORTES PTY. LIMITED IN CONNECTION WITH THIS PROJECT.



SITE DETAILS

Total Site Area	3,005m ²
No 130	1,500.4m ²
No 132	1,505.5m ²
Pre-Development	
Total impervious areas	805.4m ² (26.8%)
No 130	445.8m ² (29.7%)
No 132	359.6m ² (23.9%)
Landscaped areas	2,199.6m ² (73.2%)
No 130	1,054.6m ² (70.3%)
No 132	1,145.9m ² (76.1%)
Post-Development	
No 130	748.2m ²
No 130 Rear	752.2m ²
No 132	753.3m ²
No 132 Rear	752.2m ²
Total impervious areas	1,491.6m ² (48.9%)
No 130	519.1m ² (69.4%)
No 130 Rear	271.8m ² (36.1%)
No 132	425.7m ² (56.5%)
No 132 Rear	275.0m ² (36.6%)
Landscaped areas	1,558.4m ² (51.1%)
No 130	229.1m ² (30.6%)
No 130 Rear	480.4m ² (63.9%)
No 132	327.6m ² (43.5%)
No 132 Rear	477.2m ² (63.4%)

POST DEVELOPMENT STORMWATER LAYOUT PLAN

STORMWATER CONCEPTUAL DESIGN PLAN
scale 1:200@A1

- LOCATION OF NEW DOWNPIPES SHOWN ON THIS DRAWING ARE SUBJECT TO VERIFICATION BY BUILDER DURING CONSTRUCTION. DOWNPIPE LOCATION MAY BE VARIED PROVIDED INTENT OF THIS DESIGN IS MAINTAINED.

- PROVIDE REMOVABLE PIT INSERT BASKET SCREENS TO ALL SURFACE INLET GRATED PITS EQUIVALENT TO "STORMWATER 360 ENVIROPOD" 100 MICRON.

- THIS DRAWING IS NOT TO BE USED FOR SETOUT PURPOSES - REFER TO ARCHITECTURAL DRAWINGS.

- LOCATION OF SURFACE STORMWATER GRATED INLET PITS MAY BE VARIED OR NEW PITS INSTALLED AT THE CONSTRUCTION STAGE PROVIDED INTENT OF THIS DRAWING IS MAINTAINED.

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PRIOR APPROVAL REQUIRED FROM COUNCIL WITH RESPECT TO POTENTIAL IMPACT ON TREES FOR ANY WORKS SHOWN ON THIS DRAWING PRIOR TO THE COMMENCEMENT OF THOSE WORKS.

NOTE:
- PRIOR ANY EXCAVATION CALL - CALL BEFORE YOU DIG - DIAL 1100
AND CHECK LOCATION AND DEPTH OF ALL UNDERGROUND SERVICES WITH THE RELEVANT AUTHORITIES.

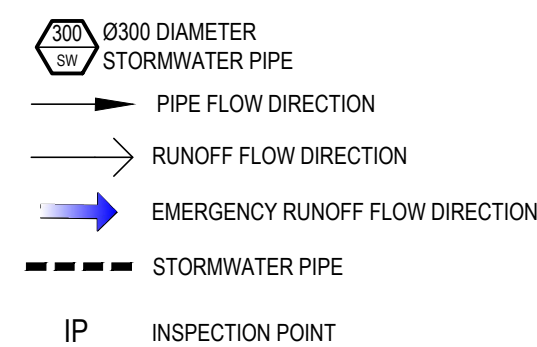
FOR SURVEYOR WORK-AS-EXECUTED PLAN, SURVEYOR TO CONFIRM **ALL** LEVELS, PIPE SIZES, ORIFICE DIAMETER, TANK VOLUME ETC AS SHOWN ON THIS PLAN. CONFIRM THE AS BUILT OSD FACILITY / STORMWATER SYSTEM COMPLIES WITH THE DESIGN.

STORMWATER DISPOSAL CONSIDERATION

- PROPOSED NEW SUBDIVISION WITH ACCESS DRIVEWAY IN ACCORDANCE WITH NORTHERN BEACHES COUNCIL - PITTWATER 21 DCP CLAUSE 5.10
- PROPOSED EASEMENT AT REAR NEIGHBOUR DOWNSTREAM
- CAN DRAIN TO EXISTING COUNCIL PIPED SYSTEM AT REAR
- CAN DRAIN TO NORMAL CATCHMENT FLOW AS PRE DEVELOPMENT

STORMWATER MANAGEMENT CONSIDERATION

- ON SITE DETENTION TANK (OSD) MAY BE REQUIRED FOR FUTURE DEVELOPMENTS (TO BE ASSESSED DURING DEVELOPING STAGE)
- SILT CONTROL PIT PROVIDED PRIOR TO CONNECTIONS INTO EASEMENT DISCHARGE MAIN PIPE AT ALL SITES
- CERTIFIED PLUMBER SHALL VERIFY EXISTING STORMWATER SYSTEM FOR COMPLIANCE WITH AS3500.3 AND THE BCA



DISCLAIMER
1% AEP MAX Q_{out} PROVIDED IS BASED ON:
- 5min/100yr RAINFALL INTENSITY IN ACCORDANCE TO AUSTRALIAN BUREAU OF METEOROLOGY.
- IMPERVIOUS AREAS AS NOTED FOR THE DEVELOPMENTS AT No 130 AND 132.
- FUTURE DEVELOPMENTS (130 REAR AND 132 REAR) IMPERVIOUS AREAS AS NOTED.

Engineers Australia logo and registration details for Mr. Marcio Rodrigues Portes, Registered Professional Engineer 1149560, MIE Aust CP Eng (Civil/Structural) NPER.

NO INSPECTION = NO CERTIFICATE

IF IN DOUBT ASK

Issue	Description	By	Date
B	AMENDED AS REQUESTED	GL	05-06-2020
A	ISSUED AS PER COUNCIL	GL	03-06-2020

REVISION

ARCHITECTURAL DESIGN

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PROJECT TITLE:

PROPOSED SUBDIVISION at

130 & 132 ELANORA ROAD,

ELANORA HEIGHTS for

KELLY GALLO

DRAWING TITLE:

PROPOSED

STORMWATER MANAGEMENT PLAN

DRAWN: DESIGN: DRAWING SIZE

GL MP A1

DATE: SCALE: UNO

27May2020 1:100 @ A1

1:200 @ A3

PROJECT NUMBER:

19-240

DRAWING NUMBER:

D3

ISSUE:

B

IF IN DOUBT ASK

NO INSPECTION = NO CERTIFICATE

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