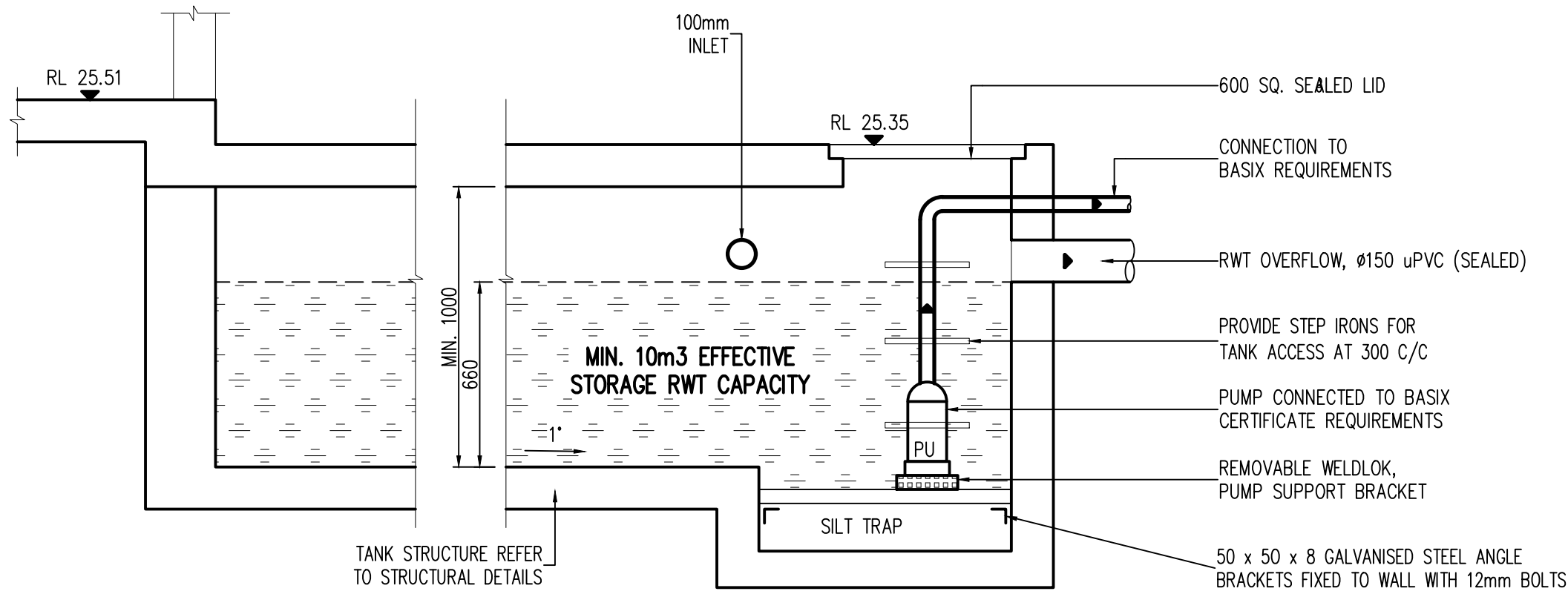
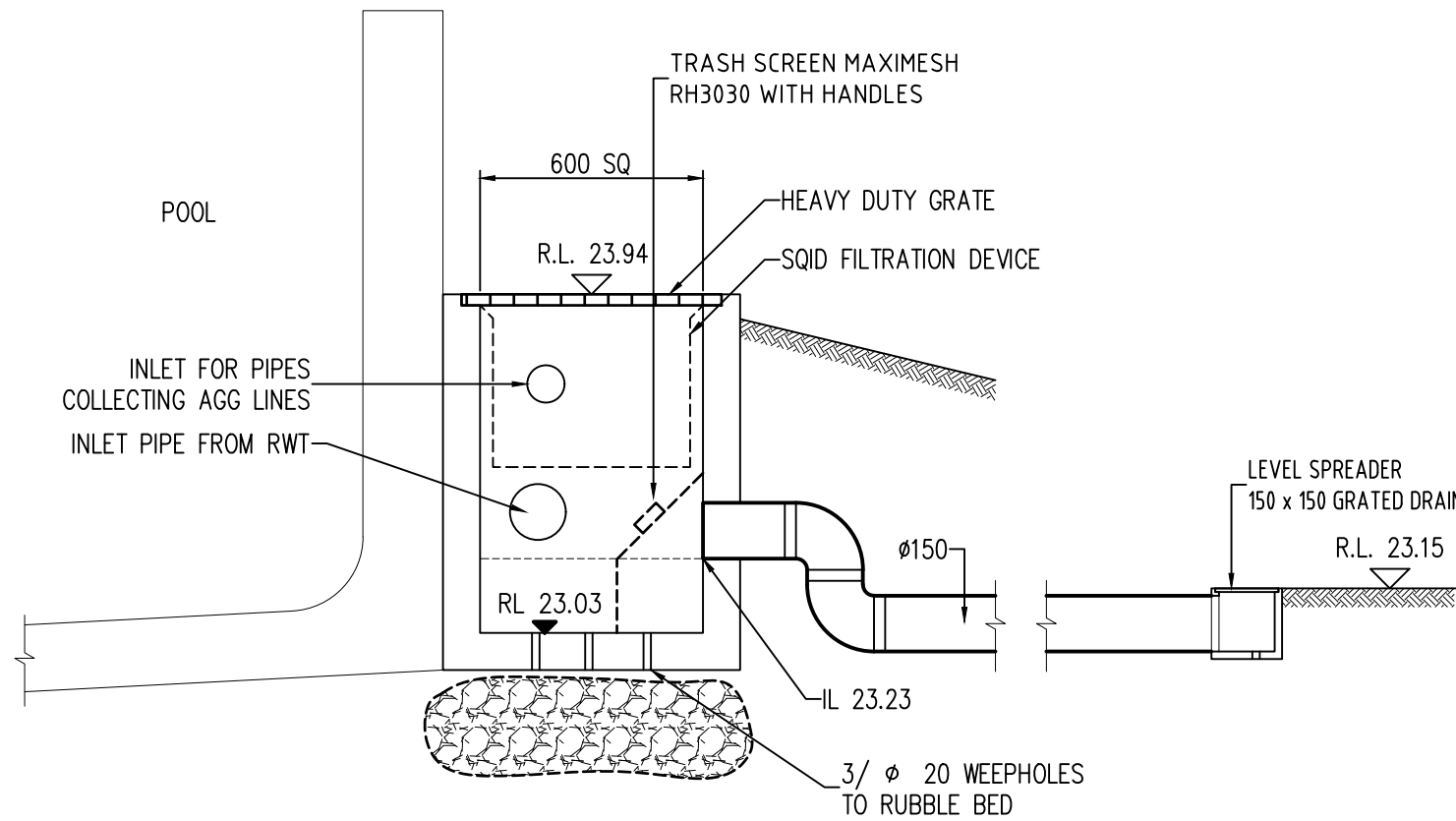


SITE DRAINAGE CONCEPT PLAN 1:100

- LEGEND
- VERTICAL DOWN PIPE = ●
  - DOWN PIPE = DP
  - SURFACE RUN OFF =
  - SEALED SCREW OFF LID = SSL
  - FIRST FLASH DEVICE = FFD
  - ROOF DRAINAGE TO RWT =
  - DRAINAGE BY-PASSING RWT =
  - CLEAN OUT PIPE FROM FFD =



RAIN WATER TANK SECTION 1 1:20



SITE DISCHARGE PIT (TYP) 1:20  
(INLET PIT SIMILAR)

**UNDERGROUND SERVICES**  
DIAL 1100 BEFORE YOU DIG FOR LOCATION OF UNDERGROUND SERVICES PRIOR TO ANY CONSTRUCTION WORKS.  
CONTACT TELSTRA FOR WRITTEN PERMISSION TO MAINTAIN OR RELOCATE ANY EXISTING SERVICE PIT.  
ALL SERVICES ARE TO MATCH INTO THE NEW FOOTPATH LEVELS CONTACT THE RELEVANT AUTHORITY FOR ADJUSTMENT TO SERVICES.

DRAINAGE LINES LOCATIONS ARE INDICATIVE ONLY AND MAY VARY DUE TO SITE CONSTRAINTS. FINAL PIPES LOCATIONS TO BE COORDINATED ON SITE WITH OTHER SERVICES & BUILDERS.

**LEAF GUARD**  
TO BE INSTALLED TO EACH DOWN PIPE OR/AND GUTTERS

AGG LINES LOCATIONS AND DIA. TO BE COORDINATED WITH STRUCTURAL ENGINEERS

MINIMAL INTERNAL DIMENSIONS FOR STORMWATER PITS (mm)		
DEPTH TO INVERT OF OUTLET	WIDTH	LENGTH
<600	450	450
>600 <900	600	600
>900 <1200	600	900
>1200	900	900

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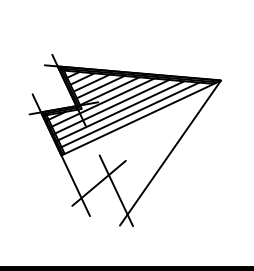
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DATE: 28/04/2021  
Michal Korecky

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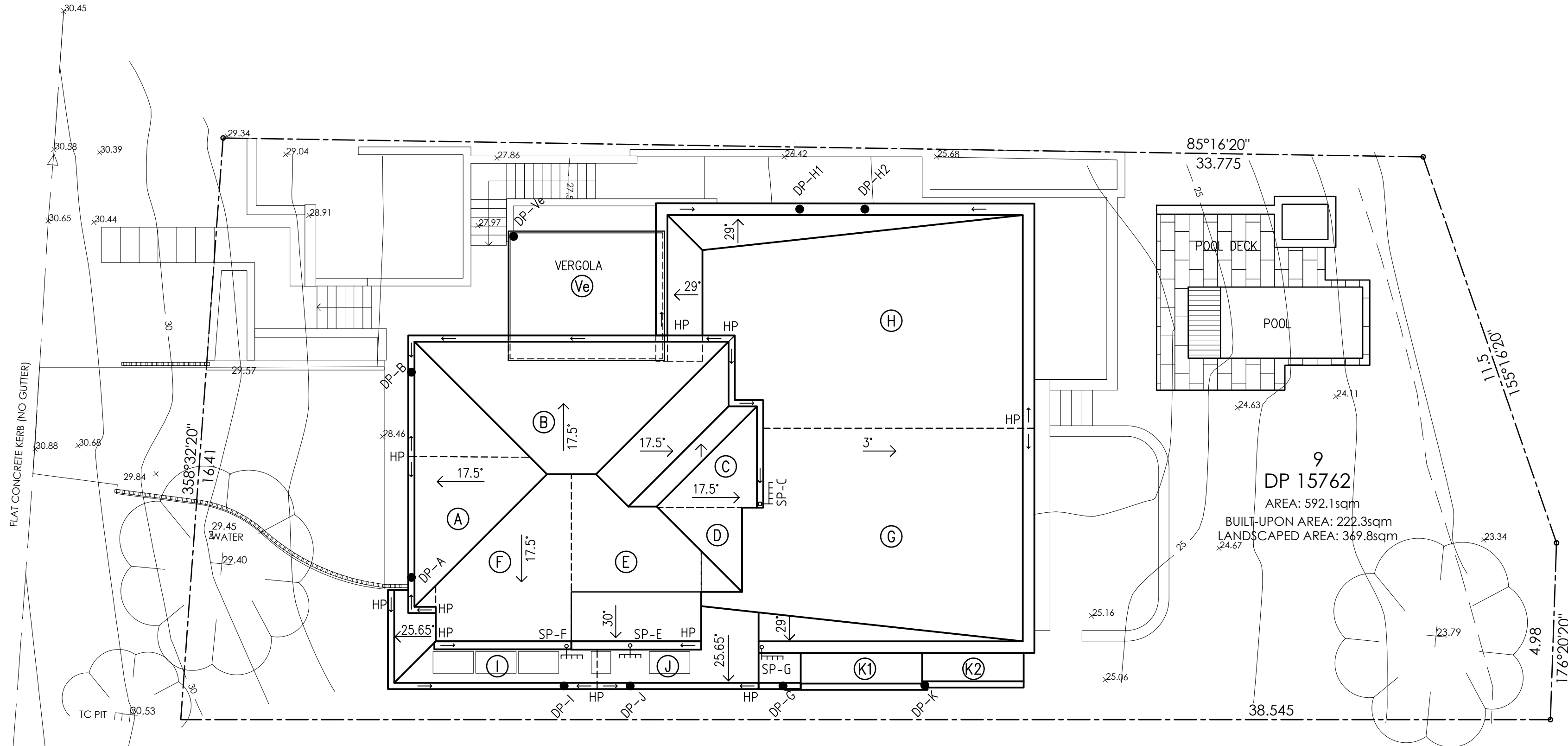
DESIGN BY:  
**MICHAL KORECKY**  
21 NALYA ROAD, NARRAMEENA NSW 2099  
ABN: 79 393 130 294  
Email: koreckym@gmail.com  
MOB: 0438148944

**PROJECT:**  
PROPOSED RESIDENCE  
11 BRUCE STREET  
MONA VALE  
**CLIENT:**  
B and C HASTIE

DATE: 28/04/21	SCALE: AS NOTED
DRAWN: MK	ISSUE: 2
DRAWING Nr : 20076	SHEET: SW-1



BRUCE STREET



ROOF PLAN

1:100

LEGEND  
VERTICAL DOWN PIPE = ● DP  
HIGH POINT = HP  
SPREADER = SP

VERTICAL DOWNPIPE	SUBCATCHMENT AREAS FOR GUTTERS & DOWNPIPES (ARI 20 YEARS)			
	SUB-CATCHMENT			
	PLAN AREA (m2)	CATCHMENT AREA (m2)	min. EFFECTIVE GUTTER CROSS-SECT. AREA (mm2)	min. DP CROSS-SECT. AREA (mm2)
A	9.7	11.3	6600	ø90 OR 75x70
B	26.5	30.7	6600	ø90 OR 75x70
C	13.3	15.4	6600	ø90 OR 75x70
D	3.9	4.5		
E	15.0	17.4	6600	ø90 OR 75x70
F	13.9	16.2	6600	ø90 OR 75x70
G	51.4	56.6	14000	
G+D+C+W	73.0	80.3	14000	ø150 OR 125x100
H1,H2	61.0	68.0	14000	2/ø100 OR 100x75
I	8.3	10.3	6600	
I+F+W	26.2	32.5	6600	ø90 OR 75x70
J	6.9		6600	
J+E+W	26.0	32.3	6600	ø90 OR 75x70
K	10.0	10.5	6600	ø90 OR 75x70
Ve	16.1	16.8		

EAVES GUTTER SPECIFICATION

EAVES GUTTER GRADIENTS TO BE 1:500 OR GREATER.  
EAVES GUTTER TO HAVE AN EFFECTIVE CROSS SECTIONAL AREA AS PER TABLE ABOVE.  
DOWNPIPES CROSS-SECTION TO BE AS PER TABLE ABOVE.  
FASCIA TO BE A MINIMUM OF 14mm ABOVE GUTTER OVERFLOW.  
W - WALL CATCHMENT

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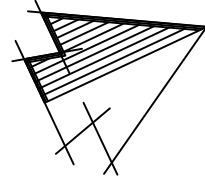
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DESIGN BY:

MICHAL KORECKY

21 NALYA ROAD, NARRAWEENA NSW 2099  
ABN: 79 393 130 294  
Email: koreckym@gmail.com  
MOB: 0438148944

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MONA VALE  
CLIENT:  
B and C HASTIE

DATE: 28/04/21

SCALE: AS NOTED

DRAWN: MK

ISSUE: 2

DRAWING Nr :

20076

SHEET:

SW-2