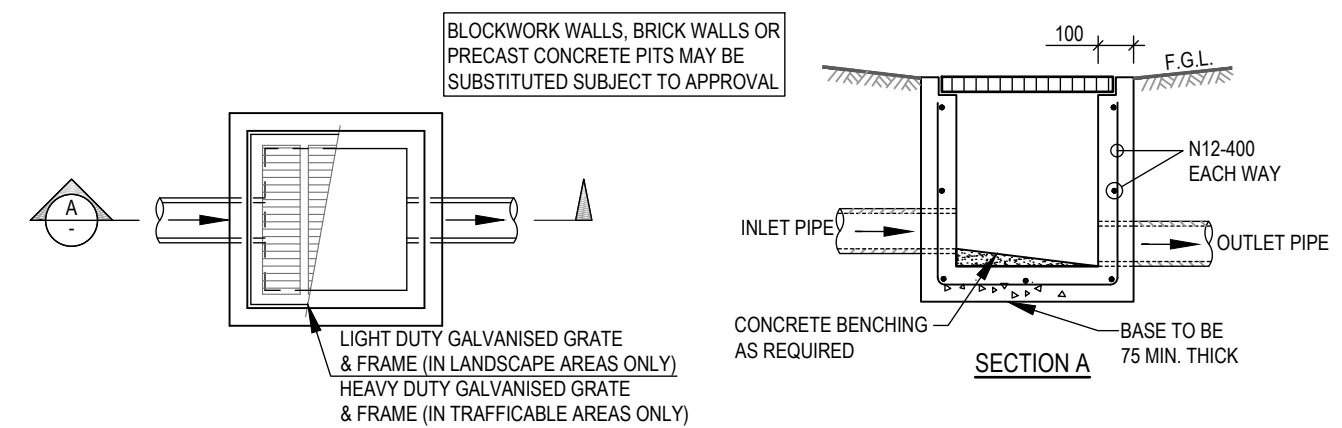
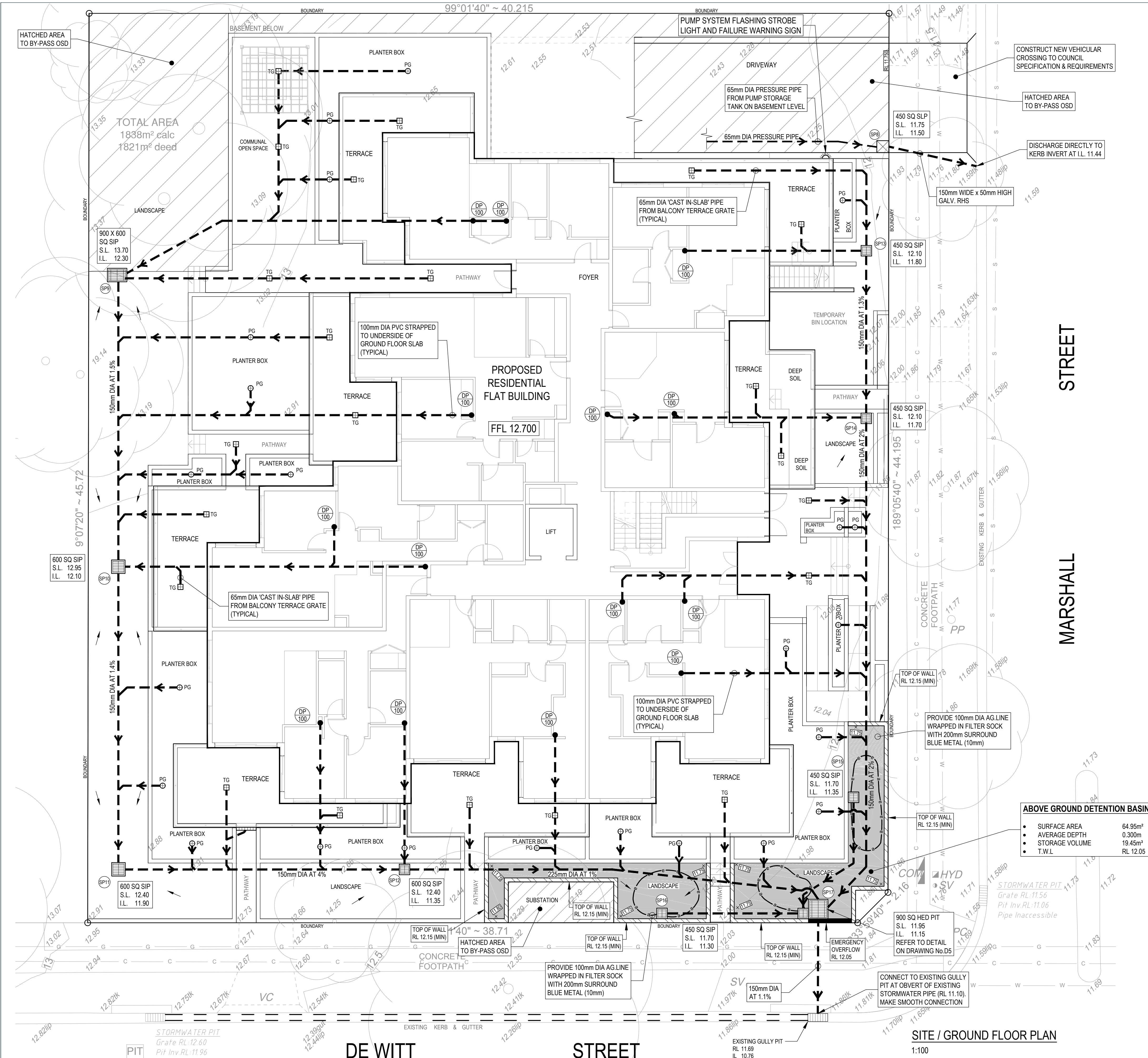


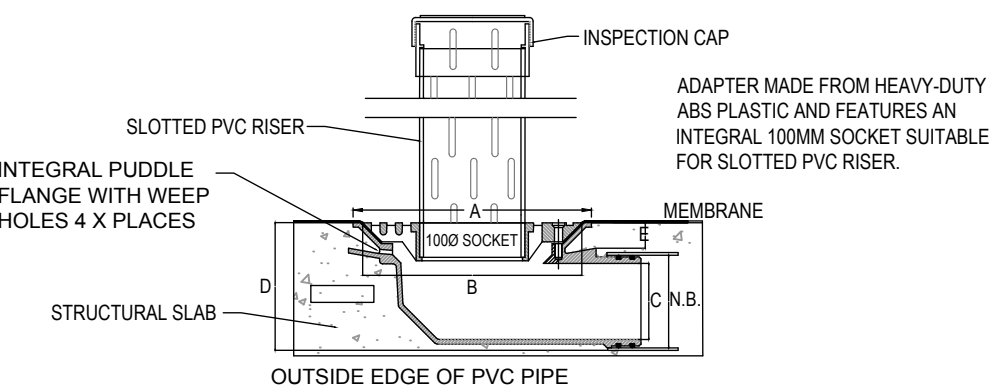
<p>STORMWATER PIT Grate RL 12.60 Pit Inv RL 11.96 Pipe Inaccessible</p>		<p>DE WITT STREET</p>		<p>STORMWATER PIT Grate RL 11.69 Pit Inv RL 10.76 Pipe Inaccessible</p>		<p>BASEMENT LEVEL PLAN 1:100</p>	
<p>QUANTUM ENGINEERS Suite 401, 5-9 De Witt Street, PO BOX 12112 CE 9837 7500 admin@quantumengineers.com.au quantumengineers.com.au</p>		<p>APPROVED BY ROBERT ELTOBAGI MIEAust CPENG</p>		<p>CLIENT S. H. INTERNATIONAL</p>		<p>DIAL BEFORE YOU DIG www.1100.com.au</p>	
<p>GENERAL NOTES ALL DIMENSIONS SHOWN IN DRAWINGS ARE TO BE CONFIRMED ON SITE BEFORE COMMENCEMENT OF WORKS. DO NOT SCALE OFF DRAWINGS. DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS PLANS. ALL EXISTING DRAINS AND LINES ARE APPROXIMATELY TO BE VERIFIED ON-SITE BY BUILDER. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH: ALL RELEVANT CURRENT BUILDING CODES, ACTS & REGULATIONS. N ALL CURRENT AUSTRALIAN STANDARDS. N ALL LOCAL COUNCIL REGULATIONS AS WELL AS ALL DCP & LIP ASSOCIATED. COPYRIGHT INFORMATION: THE DRAWING IS THE PROPERTY OF QUANTUM ENGINEERS. COPYING OR USING THIS DRAWING IN WHOLE OR PART WITHOUT WRITTEN CONSENT IS A BREACH OF COPYRIGHT.</p>		<p>ARCHITECT zhinar</p>		<p>DRAWING TITLE BASEMENT LEVEL PLAN PROPOSED RESIDENTIAL FLAT BUILDING No.23-27 MARSHALL STREET BANKSTOWN</p>		<p>APPROX TRUE NORTH</p>	
<p>DESIGNED BY J. FISHER</p>		<p>No. IN SET 6</p>		<p>JOB NUMBER 15227</p>		<p>ISSUED FOR DEVELOPMENT APPLICATION</p>	
<p>SCALE - SIZE AS NOTED - A1</p>		<p>ISSUE C</p>		<p>DRAWING No. D2</p>			



TYPICAL PIT (SIP)
NTS

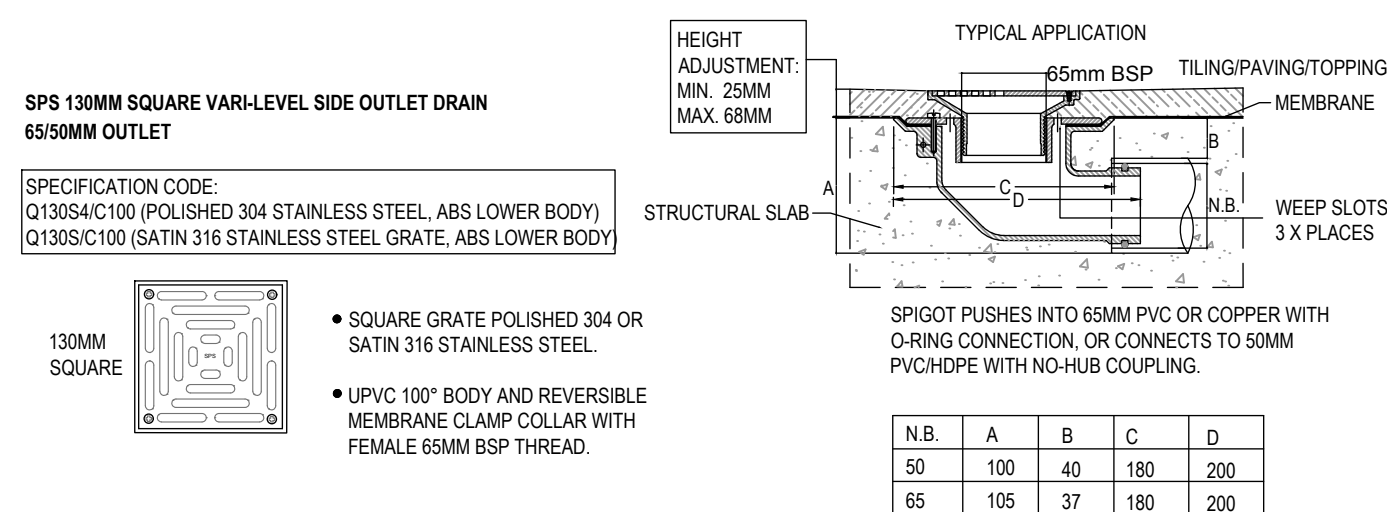
NOTE:
ALL PROPOSED SITE PITS ARE TO BE
CONSTRUCTED IN CONCRETE CAST IN SITU.
PLASTIC OR BRICK PITS ARE NOT ACCEPTABLE.
HOWEVER, 'COUNCIL MAY CONSIDER PRE-CAST
UNITS IF THE UNITS ARE PLACED ON A SOLID
BASE OF GRAVEL OR CONCRETE OF 75mm
THICK AND BACKFILL UP TO HALF THE DEPTH
OF THE PIT SURROUND WITH CONCRETE.

SPS TRUFLO 60MM & 100MM 90° RWO
WITH ALL-PURPOSE PLANTER BOX ADAPTER
SPECIFICATION CODE:
T1A80/90PB (80MM CI BODY WITH PLANTER BOX INSERT)
T1A100/90PB (100MM CI BODY WITH PLANTER BOX INSERT)



N.B.	A	B	C	D	E	FLOW RATE	L/S
80	260	240	62	115	28	N/A	
100	260	240	83	140	28	N/A	

PLANTER GRATE (SPS) - PG
NTS



TERRACE GRATE (SPS) - TG
NTS

ABOVE GROUND DETENTION BASIN	
• SURFACE AREA	64.95m²
• AVERAGE DEPTH	0.300m
• STORAGE VOLUME	19.45m³
• T.W.L	RL 12.05

UNDERGROUND SERVICES LEGEND	
— S —	UNDERGROUND SEWERMAIN
— W —	UNDERGROUND WATERMAIN
— G —	UNDERGROUND GASMAIN
— T —	UNDERGROUND TEL/STRA COMMUNICATIONS CABLES
— E —	UNDERGROUND ELECTRICITY CABLES
— SW —	UNDERGROUND STORMWATER PIPE
— P —	OVERHEAD POWERLINES

DEVELOPMENT APPLICATION
STORMWATER DESIGN CERTIFICATE

THE STORMWATER MANAGEMENT DESIGN DEPICTED ON DRAWINGS
15227/ D1 - D6, ISSUE C, HAS BEEN PREPARED HAVING A REGARD FOR
COUNCIL'S STORMWATER MANAGEMENT CODE, RESPECTIVE
COUNCIL'S DCP, BCA AND AUSTRALIAN STANDARDS AS/NZS 3500:2003

WE CERTIFY THAT IN OUR OWN OPINION THIS STORMWATER
MANAGEMENT DESIGN COMPLIES GENERALLY WITH THESE
REQUIREMENTS

NAME: ROBERT ELTOBBAGI
MIEAust CPEng

DATE: 10th November 2015

SIGNATURE: