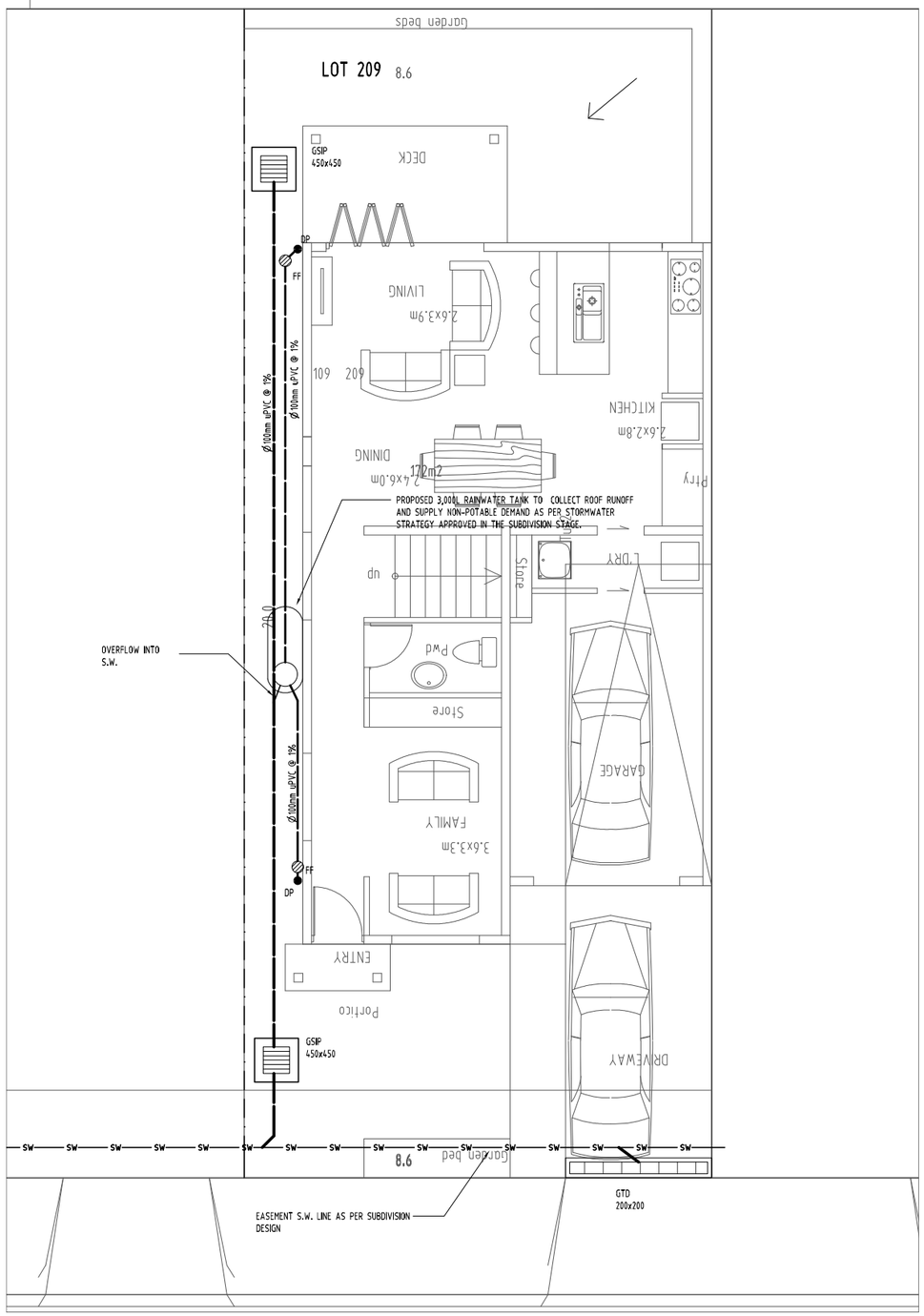
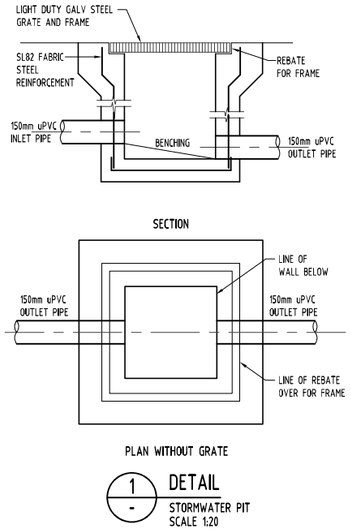
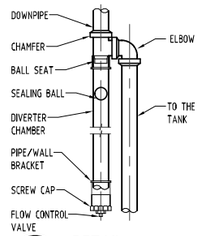
DATE PLOTTED: 9 November 2016 3:47 PM BY: SGCC_MAK3

A1

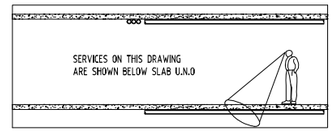




1 - DETAIL
STORMWATER PIT
SCALE 1:20



2 - DETAIL
FIRST FLUSH DIVERTER
SCALE 1:20



DRAINAGE NOTES:

1. ALL PIPES TO BE LAID ON 75mm SAND BED WITH THE BARRELS FULLY SUPPORTED

100mm AND 150mm DIAMETER PIPES TO BE LAID ON MINIMUM 1% GRADE

MINIMUM DEPTH OF COVER FOR PIPES NOT SUBJECT TO VEHICULAR LOADING TO BE 300mm

ALL DRAINAGE PIPES LAID UNDER PAVEMENT SHALL BE REINFORCED CONCRETE WITH RUBBER RING JOINTS

BACKFILL TRENCHES WITH COMPACTED SAND OR APPROVED AGGREGATE MATERIAL

HEAVY DUTY GRATES AND COVERS ARE TO BE PROVIDED IN TRAFFICABLE AREAS

PIT GRATE TO BE TYPE WELDLOK OR APPROVED EQUIVALENT

ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP

ALL PITS SHALL BE MAINTAINED REGULARLY

TOP OF BENCHING SHALL BE TO THE HALF OF THE OUTLET PIPE DIAMETER

Ø100mm SUBSOIL DRAINAGE PIPE 3000mm LONG WRAPPED IN FABRIC SOCK TO BE PROVIDED ADJACENT TO INLET PIPES

COMPRESSIVE STRENGTH f'_c FOR CAST IN SITU CONCRETE TO BE A MINIMUM OF 20MPa AT 28 DAYS

PROVIDE CLEANING EYES TO ALL DOWNPIPES NOT DIRECTLY CONNECTED TO PITS

ISOLATED JOINTS TO BE PROVIDED TO ISOLATE CONCRETE PAVEMENTS FROM PITS

ALL TRENCH GRATES PROVIDED SHALL HAVE A MINIMUM CLEAR WIDTH OF 200mm

STORMWATER DRAINAGE CONNECTIONS TO THE MAIN SYSTEM SHALL BE TO THE REQUIREMENTS AND THE SATISFACTION OF LOCAL COUNCIL

SERVICES SHOWN ON PLAN ARE INDICATIVE, EXACT DEPTH AND LOCATION TO BE CONFIRMED ONSITE. CONTRACTOR TO CARRY OUT DIAL BEFORE YOU DIG APPLICATION AND ENGAGE A REGISTERED SURVEYOR TO PEG OUT ALL EXISTING SERVICES PRIOR TO ANY WORK COMMENCING ONSITE.

STORMWATER STRATEGY:

THIS DESIGN SHOULD BE READ IN CONJUNCTION WITH OTHER CONSULTANT'S DRAWINGS. THIS DESIGN COMPLEMENTS THE STORMWATER STRATEGY ADOPTED FOR THE SUBDIVISION OF THE SITE WHICH REQUIRES 3,000L RAINWATER TANK TO BE INSTALLED ON EACH DWELLING SITE TO COLLECT ROOF RUNOFF AND TO SUPPLY NON-POTABLE DEMAND SUCH AS LAUNDRY, TOILET FLUSHING AND IRRIGATION.

Issue	Last revision title	by	Date	Status
A	SUBMISSION TO COUNCIL	SH	10.11.2016	2

Issuer internal sequence and revision history

1-preliminary 2-development application 3-construction certificate 4-tender 5-construction 6-other

Reference Coordination Drawing

Discipline	Drawing Title and Number	Date	Rev.
ARCH	DA 103	16.02.16	#
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

ENGINEERS AUSTRALIA Chartered Professional Engineer MEMBER

DIMENSIONS NOT SHOWN TO BE CHECKED ON SITE. DO NOT SCALE OF THIS DRAWING. POSITIONS OF AUTHORITIES MAINS AND/OR EXISTING SERVICES ARE TO BE CHECKED PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE CONSULTING ENGINEER FOR DECISION/CLARIFICATION BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND OTHER CONSULTANTS' DRAWINGS.

QUALITY CONTROL

DRAWN	DATE
CHECKED	DATE
DESIGNED	DATE
VERIFIED	DATE
APPROVED	DATE

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Scales

0m 0.5 1 1.5 2 2.5
SCALE 1:50 ON ORIGINAL SIZE

CLIENT
MERRIN DEVELOPMENTS PTY LTD

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PROJECT
PROPOSED DWELLINGS
53A & 53B WARRIEWOOD ROAD, WARRIEWOOD

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	9 of 11	1:100 @ A1

Drawing Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION PURPOSES

Drawing Title: STORMWATER CONCEPT DESIGN
LOT 209

Project No	Drawing No	Revision No
20140074	SW209-1	A

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