



STORMWATER DRAINAGE PLAN (SOUTH)

LEGEND:

- LEVELS DATUM IS AHD
- EXISTING SITE LEVELS AND DETAILS BASED ON PLANS PROVIDED BY HARD & FORESTER  
REF. #: 11055045-00 DATED: 16.08.07
- GD = GD - HEAVY DUTY GRATED DRAIN (200 WIDE) WITH CAST IRON LOCK DOWN COVER
- SGGP - SINGLE GRATED GULLY PIT
- SJP - SEALED JUNCTION PIT
- KIP - KERB INLET PIT (1800 LINTEL)
- SUBSOIL DRAINAGE (1000# AG LINE)
- OVERLAND FLOW PATH
- STORMWATER DRAINAGE PIPE
- ROOF DRAINAGE PIPE
- EXISTING STORMWATER PIPE
- EXISTING PIT
- NEW PIT

STORMWATER DRAINAGE NOTES:

- PIT AND PIPE SIZES ARE PROVIDED ON PLAN.
- EXISTING STORMWATER PIT LOCATIONS AND INVERT LEVELS TO BE CONFIRMED PRIOR TO COMMENCING WORKS ON SITE.
- ALL STORMWATER PIPES  $\phi 375$  OR GREATER SHALL BE CLASS 3 REINFORCED CONCRETE WITH RUBBER RING JOINTS UNLESS NOTED OTHERWISE.
- ALL PIPES UP TO AND INCLUDING 300 $\phi$  TO BE uPVC GRADE S.E.H.
- ALL CONCRETE PITS GREATER THAN 1000mm DEEP SHALL BE REINFORCED USING N12-150 EACH WAY CENTRED IN WALL AND BASE. LAP MINIMUM 300mm WHERE REQUIRED. ALL CONCRETE FOR PITS SHALL BE Fc 25 MPa. PRECAST PITS MAY BE USED WITH THE APPROVAL OF THE ENGINEER.
- PIPES SHALL BE LAID AS PER PIPE LAYING DETAILS (G09170-00-C09). PARTICULAR CARE SHALL BE TAKEN TO ENSURE THAT THE PIPE IS FULLY AND EVENLY SUPPORTED. RAM AND PACK FILLING AROUND AND UNDER BACK OF PIPES AND PIPE FAUCETS, WITH NARROW EDGED RAMMERS OR OTHER SUITABLE TAMPING DETAILS.
- WHERE PIPE LINES ENTER PITS, PROVIDE 2m LENGTH OF STOCKING WRAPPED  $\phi 100$  uPVC TO EACH SIDE OF PIPE.
- ALL SUBSOIL DRAINAGE LINES SHALL BE  $\phi 100$  uPVC WITH APPROVED FILTER WRAP LAID IN 300mm WIDE GRANULAR FILTER UNLESS NOTED OTHERWISE. LAY SUBSOIL LINES TO MATCH FALLS OF LAND.
- ALL PIPE GRADES ARE 1 IN 200 (MINIMUM) UNDO ON PLAN.
- PROVIDE STEP IRONS IN PITS DEEPER THAN 1000mm.
- MIN. 600 COVER TO PIPE OVERBENT BENEATH ROADS & MIN. 400 COVER BENEATH LANDSCAPED AND PEDESTRIAN AREAS.
- PIT COVERS IN TRAFICABLE PAVEMENT SHALL BE CLASS D 'HEAVY DUTY'. THOSE LOCATED IN NON-TRAFICABLE AREAS SHALL BE CLASS B 'MEDIUM DUTY' UNDO.
- PROVIDE CLEANING EYES (RODDING POINTS) TO PIPES AT ALL CORNERS AND T-JUNCTIONS WHERE NO PITS ARE PRESENT.
- DOWN PIPES TO BE 150uPVC CONNECTED DIRECT TO PROVIDED PIPES AT 45° TO THE FLOW DIRECTION. PROVIDE CLEANING EYE AT GROUND LEVEL.

DRAWING LIST:

G09170-05-CSK01	STORMWATER DRAINAGE: CONCEPT PLAN
G09170-05-CSK02	SOUTHERN BOUNDARY RETAINING WALL: CONCEPT LAYOUT
G09170-05-CSK03	SOUTHERN BOUNDARY RETAINING WALL SECTIONS & DETAILS SHT 1
G09170-05-CSK04	SOUTHERN BOUNDARY RETAINING WALL SECTIONS & DETAILS SHT 2
G09170-05-CSK05	SOUTHERN BOUNDARY RETAINING WALL SECTIONS & DETAILS SHT 3
G09170-05-CSK06	EROSION & SEDIMENT CONTROL PLAN

BUILDING FOOTPRINT REVISED	01.11.10	D
FOR DEVELOPMENT APPLICATION	10.09.10	C
FOR INFORMATION	19.08.10	B
FOR INFORMATION	11.08.10	A
AMENDMENTS	DATE	ISSUE

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PROJECT	COCA-COLA AMATIL PROPOSED PT FACILITY
9 ROUSSELL ROAD, EASTERN CREEK	DESIGNED (BSM) DATE 11.08.10
G.R.	CHECKED (SIZE SCALE) BY 11.08.10

PROJECT	Costin Roe Consulting Pty Ltd.
Consulting Engineers	Suite 300, 55 Barrington Street
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DRAWING TITLE	STORMWATER DRAINAGE CONCEPT PLAN
DRAWING No	G09170-05-CSK01
ISSUE	D

FOR DEVELOPMENT APPLICATION

