



1. ALL STORMWATER WORKS TO BE COMPLETED IN ACCORDANCE WITH AUSTRALIAN STANDARD AS3500.3:2003 PLUMBING AND DRAINAGE. PART 3: STORMWATER DRAINAGE.
2. THE MINOR (PIPED) SYSTEM HAS BEEN DESIGNED FOR THE 1 IN 20 YEAR ARI STORM EVENT AND THE MAJOR (OVERLAND) SYSTEM HAS BEEN DESIGNED FOR THE 1 IN 100 YEAR ARI STORM EVENT.
3. ALL FINISHED PAVEMENT LEVELS SHALL BE AS INDICATED ON FINISHED LEVELS PLANS DA51 & DA52.
4. PIT SIZES SHALL BE AS INDICATED IN THE SCHEDULE WHILE PIPE SIZES AND DETAILS ARE PROVIDED ON PLAN.
5. EXISTING STORMWATER PIT LOCATIONS AND INVERT LEVELS TO BE CONFIRMED BY SURVEY PRIOR TO COMMENCING WORKS ON SITE.
6. ALL STORMWATER PIPES Ø375 OR GREATER SHALL BE CLASS 2 REINFORCED CONCRETE WITH RUBBER RING JOINTS UNLESS NOTED OTHERWISE.
7. ALL PIPES UP TO AND INCLUDING Ø300 TO BE uPVC GRADE SN8 UNO.
8. PIPE CLASS NOMINATED ARE FOR IN-SERVICE LOADING CONDITIONS ONLY. CONTRACTOR IS TO MAKE ANY NECESSARY ADJUSTMENTS REQUIRED FOR CONSTRUCTION CONDITIONS.
9. ALL CONCRETE PITS GREATER THAN 1000mm DEEP SHALL BE REINFORCED USING N12-200 EACH WAY CENTERED IN WALL AND BASE. LAP MINIMUM 300mm WHERE REQUIRED. ALL CONCRETE FOR PITS SHALL BE F'c 25 MPa. PRECAST PITS MAY BE USED WITH THE APPROVAL OF THE ENGINEER.
10. IN ADDITION TO ITEM 6 ABOVE, ALL CONCRETE PITS GREATER THAN 3000mm DEEP SHALL HAVE WALLS AND BASE THICKNESS INCREASED TO 200mm.
11. PIPES SHALL BE LAID AS PER PIPE LAYING DETAILS. 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 FAUSETTS, WITH NARROW EDGED RAMMERS OR OTHER SUITABLE TAMPING DETAIL.S.
12. WHERE PIPE LINES ENTER PITS, PROVIDE 2m LENGTH OF STOCKING WRAPPED SLOTTED Ø100 uPVC TO EACH SIDE OF PIPE.
13. ALL SUBSOIL DRAINAGE LINES SHALL BE Ø100 SLOTTED uPVC WITH APPROVED FILTER WRAP LAID IN 300mm WIDE GRANULAR FILTER UNLESS NOTED OTHERWISE. LAY SUBSOIL LINES TO MATCH FALLS OF LAND AND/OR 1 IN 200 MINIMUM. PROVIDE CAPPED CLEANING EYE (RODDING POINT) AT UPSTREAM END OF LINE AND AT 30m MAX. CTS. PROVIDE SUBSOIL LINES TO ALL PAVEMENT / LANDSCAPED INTERFACES, TO REAR OF RETAINING WALLS (AS NOMINATED BY STRUCTURAL ENGINEER) AND AS SHOWN ON PLAN.
14. ALL PIPE GRADES 1 IN 100 MINIMUM UNO.
15. PROVIDE STEP IRONS IN PITS DEEPER THAN 1000mm.
16. MIN. 600 COVER TO PIPE OVERBENT BENEATH ROADS & MIN. 400 COVER BENEATH LANDSCAPED AND PEDESTRIAN AREAS.
17. PIT COVERS IN TRAFFICABLE PAVEMENT SHALL BE CLASS D 'HEAVY DUTY'. THOSE LOCATED IN NON-TRAFFICABLE AREAS SHALL BE CLASS B 'MEDIUM DUTY' UNO.
18. PROVIDE CLEANING EYES (RODDING POINTS) TO PIPES AT ALL CORNERS AND T-JUNCTIONS WHERE NO PITS ARE PRESENT.
19. DOWN PIPES (DP) TO BE AS PER HYDRAULIC ENGINEERS DETAILS WITH CONNECTOR TO MATCH DP SIZE UNO. ON PLAN, PROVIDE CLEANING EYE AT GROUND LEVEL.
20. PIPE LENGTHS NOMINATED ON PLAN OR LONGSECTIONS ARE MEASURED FROM CENTER OF PITS TO THE NEAREST 0.5m AND DO NOT REPRESENT ACTUAL LENGTH. THE CONTRACTOR IS TO ALLOW FOR THIS.

PIT SCHEDULE

PIT No.	GRATE RL	TYPE	SIZE	COMMENT
PIT A01	59.50	SGGP	600x600	⊕
PIT A02	59.50	SGGP	900x900	⊕
PIT A03	58.70	SJP	900x900	
PIT A04	59.40	SGGP	900x900	⊕
PIT A05	59.40	SGGP	900x900	⊕
PIT A06	59.40	SGGP	900x900	⊕
PIT A07	59.45	SGGP	900x900	⊕
PIT A08	59.30	SGGP	900x900	⊕
PIT A09	59.43	SGGP	900x900	⊕
PIT A10	59.80	SJP	900x900	
PIT A11	58.45	SGGP	600x600	⊕
PIT A12	59.50	SGGP	600x600	⊕
PIT A13	59.50	SGGP	900x900	⊕
PIT A14	59.70	SJP	900x900	
PIT A15	59.50	SGGP	900x900	⊕
PIT A16	59.45	SGGP	900x900	⊕
PIT A17	59.45	SGGP	900x900	⊕
PIT A18		DCP		REFER DA4.6
PIT A19	57.40	SJP		
PIT A20	57.60	SGGP	900x900	⊕

⊕ DENOTES PIT TO BE FITTED WITH STORMWATER 360 ENVIROPOD 200 INSERT.



DRAINAGE/MUSIC CATCHMENT PLAN

NOTE: ALL LEVELS ARE INDICATIVE (±500mm) & MAY BE SUBJECT TO MINOR VARIATION TO SUIT DETAILED DESIGN.

5m 0 10 20 30 40 50m

SCALE 1:500 AT A1 SIZE SHEET

ARCHITECT	
ISSUED FOR ST/5W APPROVAL	08.04.16 C
ISSUED FOR REVIEW	16.12.15 B
ISSUED FOR REVIEW	15.12.15 A
AMENDMENTS	DATE ISSUE

CLIENT	LOGOS PROPERTY SUITE 02, LEVEL 12 167 MACQUARIE STREET SYDNEY NSW
PROJECT	PROPOSED DEVELOPMENT LOT 62/133-145 LENORE LANE, ERSKINE PARK NSW
DESIGNED (P/RAW)	MW
SD	
DATE	
CHECKED	AT
SIZE	SCALE
AS SHOWN	
CAD REF:	11888.04-DA4.0

COSTIN ROE CONSULTING PTY LTD
Level 1, 8 Macquarie Street
Sydney NSW 2000
Tel: (02) 9238 7888 Fax: (02) 9241-3731
email: mail@costinroe.com.au ©

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DRAWING TITLE	DRAINAGE/MUSIC CATCHMENT PLAN
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FOR ST/5W APPROVAL