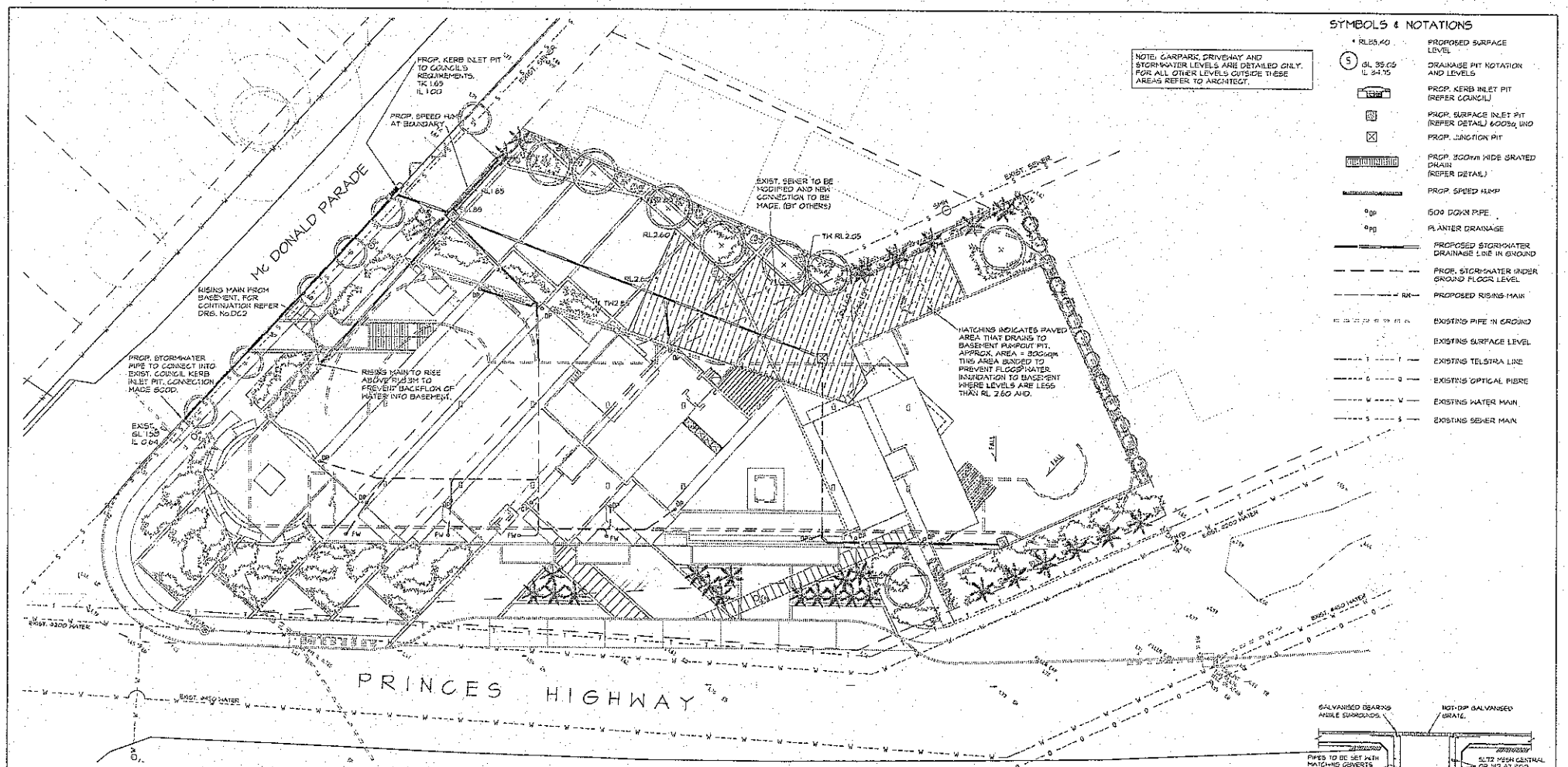


NOTE: CARPARK, DRIVEWAY AND STORMWATER LEVELS ARE DETAILED ONLY. FOR ALL OTHER LEVELS OUTSIDE THESE AREAS REFER TO ARCHITECT.

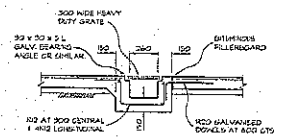
SYMBOLS & NOTATIONS

- RL25.40 — PROPOSED SURFACE LEVEL
- S GL 35.05 IL 34.75 — DRAINAGE PIT NOTATION AND LEVELS
- PROP. KERB INLET PIT (REFER COUNCIL)
- PROP. SURFACE INLET PIT (REFER DETAIL) 600Sq, UNO
- PROP. JUNCTION PIT
- PROP. 300mm WIDE GRATED DRAIN (REFER DETAIL)
- PROP. SPEED HUMP
- 90gp — 150Ø DOWN PIPE
- 90pg — PLANTER DRAINAGE
- PROPOSED STORMWATER DRAINAGE LINE IN GROUND
- PROP. STORMWATER UNDER GROUND FLOOR LEVEL
- RR — PROPOSED RISING MAIN
- EXISTING PIPE IN GROUND
- EXISTING SURFACE LEVEL
- T — EXISTING TELSTRA LINE
- O — EXISTING OPTICAL FIBRE
- W — EXISTING WATER MAIN
- S — EXISTING SEWER MAIN

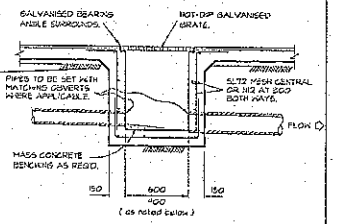
STORMWATER DRAINAGE NOTES

1. UPVC OR PIPES & FITTINGS SUBJECT TO FINAL DESIGN.
2. INSTALL TEMPORARY SEDIMENT BARRIERS TO INLET PITS TO COUNCILS STANDARDS UNTIL SURROUNDING AREAS ARE PAVED OR GRASSED.
3. CONTRACTOR IS TO VERIFY THE LEVEL OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF EXCAVATION FOR DRAINAGE.
4. ALL BASES OF PITS TO BE BENCHED TO HALF PIPE DEPTH AND PROVIDE GALVANISED ANGLE SURROUNDS TO GRATE. DOWNPIPES SHOWN ARE INDICATIVE ONLY.
5. ALL ROOF GUTTERING AND DOWNPIPES TO AS/NZS 3500 P.3:2003.
6. DOWNPIPE & STORMWATER PIT LOCATIONS MAY BE VARIED TO SUIT SITE CONDITIONS, AFTER CONSULTATION WITH THE ENGINEER.
7. ALL PITS TO BE 600 SQUARE UNLESS NOTED OTHERWISE.
8. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S SPECIFICATIONS.

GROUND LEVEL - STORMWATER DRAINAGE PLAN



TYPICAL GRATED DRAIN DETAIL



TYPICAL SURFACE INLET PIT

NOTE :
DEPTHS OF 600 SQUARE PITS NOT TO EXCEED 900 DEEP, OTHERWISE INCREASE ONE DIRECTION BY 300. (ie : 900 x 900 PIT.)
PITS TO BE 900 SQUARE WHERE DEPTH TO INVERT EXCEEDS 1200.

CLIMB IRONS SHALL BE PROVIDED UNDER LID AT 300 CTS TO COUNCIL STANDARDS WHERE PIT DEPTH IS DEEPER THAN 1000.

Concrete Strength Pit = 32 MPa

SCALE 1:200

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION PURPOSES

AMDT	DATE	BY	DESCRIPTION
E	20.02.04	TM	RE-ISSUED FOR DA
D	25.03.04	TM	RE-ISSUED FOR DA
C	21.03.04	TM	DA - MINOR REVISION
B	16.03.04	TM	DA - REVISED ARCHITECTURAL
A	04.03.04	TM	ISSUED FOR DA

AMDT	DATE	BY	DESCRIPTION
H	22.4.05	MB	RE-ISSUE FOR DA APPROVAL
G	13.04.05	AL	RE-ISSUE FOR DA APPROVAL
F	15.3.05	MB	RE-ISSUED FOR DA & REVISED ARCHITECTURALS

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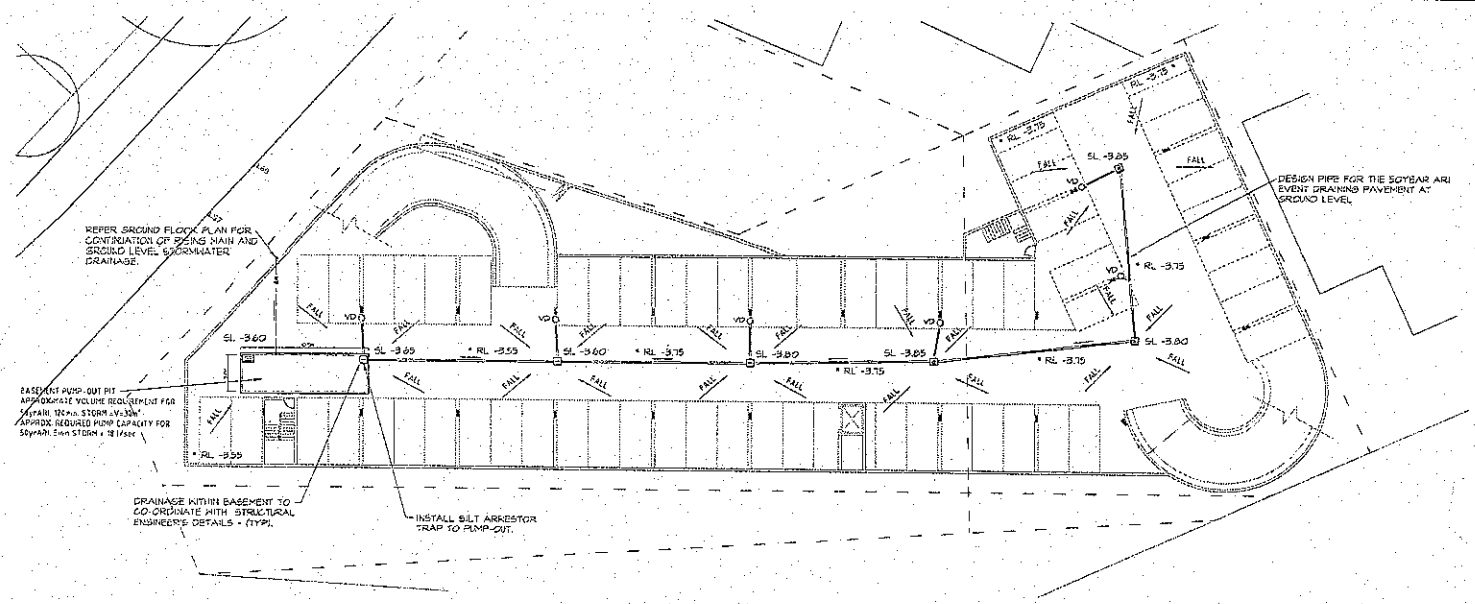
DRAWING
CONCEPT STORMWATER DRAINAGE - GROUND LEVEL

SCALE (AT SHEET SIZE)	DATE	DESIGNED	DRAWN
1:200	July 2004	ME	TM

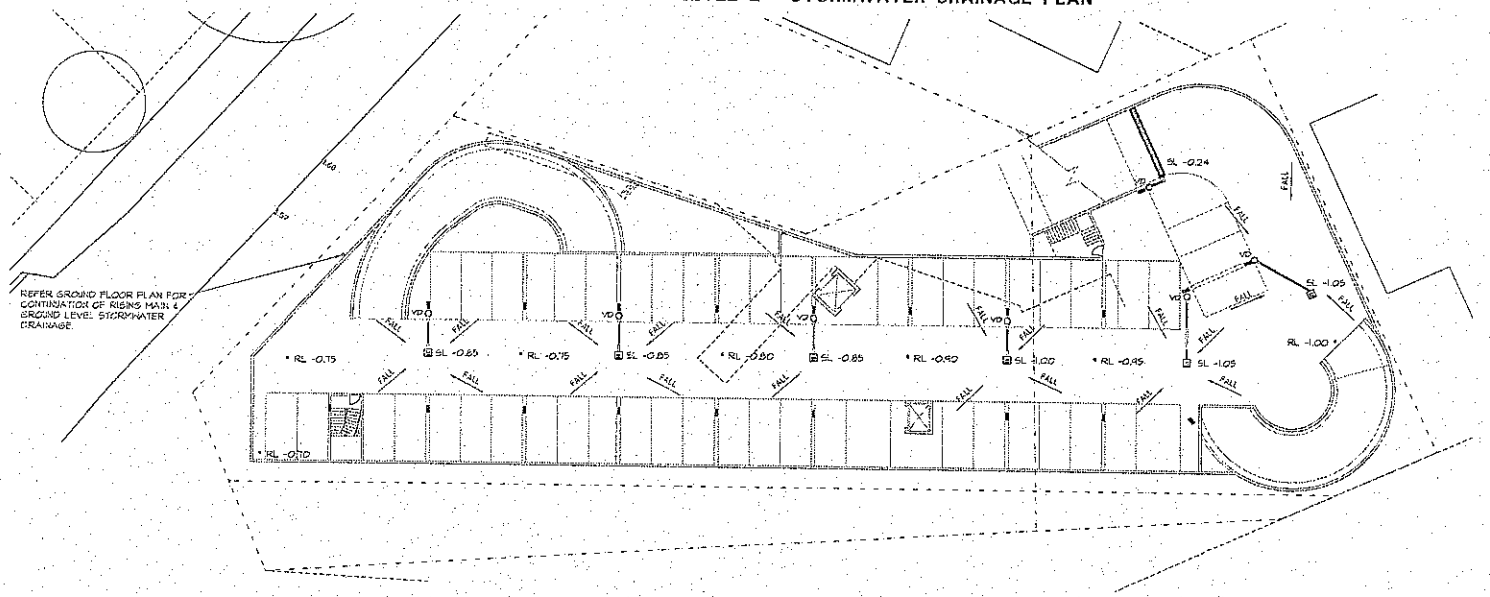
APPROVED

PROJECT
PROPOSED BURRILL LAKE TOURIST FACILITY
Cnr Princes Hwy & McDonald Pde, Burrill Lake
Projectworx

JOB No.	DRG No.	AMDT
040398	DC01	H



BASEMENT LEVEL 2 - STORMWATER DRAINAGE PLAN



BASEMENT LEVEL 1 - STORMWATER DRAINAGE PLAN

SYMBOLS & NOTATIONS

- * RL35.40 — PROPOSED SURFACE LEVEL
- (5) GL 35.00 IL 34.75 — DRAINAGE PIT NOTATION AND LEVELS
- PROP. SURFACE INLET PIT (REFER DETAIL) 450sq IRO
- PROP. 600mm WIDE GRATED DRAIN (REFER DETAIL)
- VD — PROPOSED VERTICAL DROPPER
- PROPOSED STORMWATER DRAINAGE LINE IN GROUND
- PROP. STORMWATER UNDER GROUND FLOOR LEVEL
- RM — PROPOSED RISING MAIN
- EXISTING SURFACE LEVEL

NOTE: BASEMENT CARPARK TO BE DESIGNED AND CONSTRUCTED FOR ALL REQUIRED LOADING CONDITIONS INCLUDING WATER TABLE EFFECTS, FLOOD EVENTS (INCLUDING WATER PROOFING, STATIC WATER PRESSURES & IMPACT LOADING). ALL MECHANICAL AND ELECTRICAL INSTALLATIONS INTRINSIC TO THE OPERATION OF THE BUILDING TO BE LOCATED AT GROUND FLOOR LEVEL.

AMDT	DATE	BY	DESCRIPTION
G	20.12.04	TM	RE-ISSUED FOR DA
D	23.03.04	TM	RE-ISSUED FOR DA
C	21.03.04	TM	DA - MINOR REVISIONS
B	16.03.04	TM	DA - REVISED ARCHITECTURAL
A	03.03.04	TM	ISSUED FOR DA

AMDT	DATE	BY	DESCRIPTION
H	22.6.05	MD	RE-ISSUED FOR DA APPROVAL
G	15.2.05	MD	RE-ISSUED FOR DA APPROVAL
F	15.2.05	MD	RE-ISSUED FOR DA & REVISED ARCHITECTURALS

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SCALE 1:200

DRAWING: CONCEPT STORMWATER DRAINAGE-BASEMENT LEVELS

SCALE (AT SHEET)	DATE	DESIGNED	DRAWN
1:200	July 2004	MC	TM

APPROVED: B.E. M.I.E. Aust.

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION PURPOSES

PROJECT: PROPOSED BURRILL LAKE TOURIST FACILITY
Cnr Princes Hwy & McDonald Pde, Burrill Lake
Projectworx

JOB No.	DRG No.	AMDT
040398	DC02	H