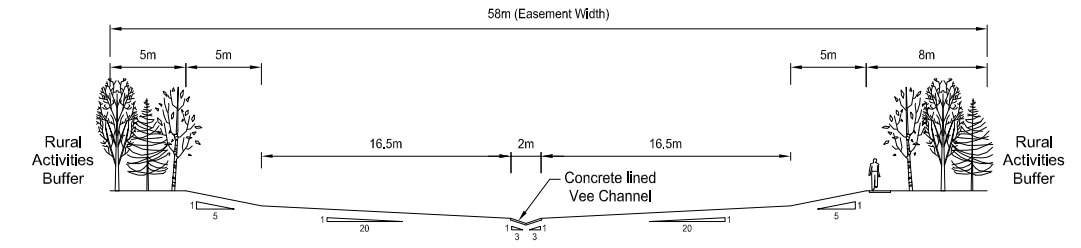
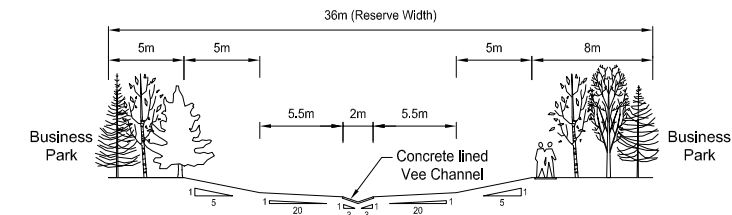


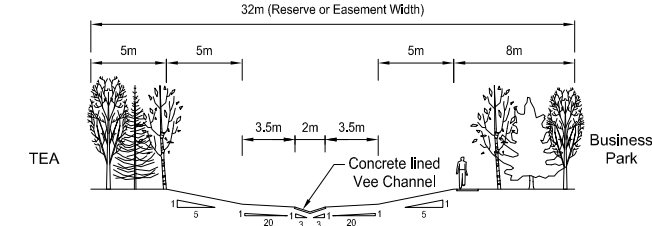
- NOTES**
- All pipes designed for 20% AEP storm unless noted otherwise.
  - All open drains designed for 2% AEP storm include 2m wide vee channel.
  - All culverts under Eastern Arterial designed for 1% AEP storm.
  - Maximum permitted flood level at Eastern Arterial RL = 2.80m, Moturiki Datum.
  - Refer to Stormwater Consents held by Council for discharges from Stormwater Ponds 1 & 2 and to Stormwater Management Plan.
  - Landscaping within the Local Purpose Reserves (Stormwater) is to be within the berm area in such a manner that allows access for maintenance vehicles.



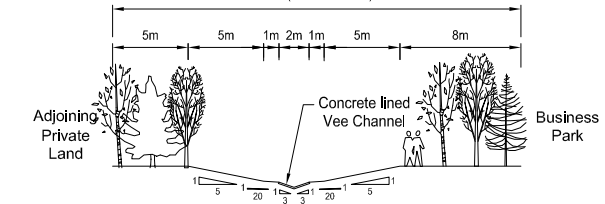
**TYPICAL DRAIN CROSS-SECTION**  
 (35m bottom width)  
 Scale 1:250



**TYPICAL DRAIN CROSS-SECTION**  
 (13m bottom width)  
 Scale 1:250



**TYPICAL DRAIN CROSS-SECTION**  
 (9m bottom width)  
 Scale 1:250



**TYPICAL DRAIN CROSS-SECTION**  
 (4m bottom width)  
 Scale 1:250

**HARRISON GRIERSON**  
 CONSULTING ENGINEERS SURVEYORS PLANNERS  
 141 Cameron Road Tauranga Ph 07 578 0023 Fax 07 577 9557

B	Landscaping added to Cross-sections	DAA	6/6/2006
A	PONDS & AMENITY RESERVES	DAA	10/10/2005
REF	AMENDMENT	BY	DATE

PROJECT:  
**METROPLEX RANGIURU  
 PA ROAD/YOUNG ROAD  
 PAENGAROA - WBOPDC**

**STRUCTURE PLAN  
 PROPOSED STORMWATER  
 CATCHMENTS & AMENITY RESERVES**

DESIGNED: JSC	DATE: 8/2005	SIGNATURE:	PLOT DATE: 6/6/2006
DRAWN: DAA	DATE: 24/8/2005	SIGNATURE:	CAD REF: 1520 011318-S-SW401
CHECKED: MRT	DATE:	SIGNATURE:	SURVEY BY:
APPROVED:	DATE:	SIGNATURE:	SURVEY DATE:
PLOT STATUS:			SDR REF: R27

**STRUCTURE PLAN**

PROJECT No: 1520 011318.01	SCALES: 1:5000 (A1) 1:10000 (A3)	A1
DRAWING No: <b>011318-S-SW401</b>		REV <b>B</b>