

Road Reconstruction — Piggford Lane (Maryborough Hervey Bay Road to 400m West)

PROJECT:

This project provides for the reconstruction of Piggford Lane from the Maryborough Hervey Bay Road to 400m west. The project includes pavement reconstruction and bitumen seal, table drain reformation, driveways and culverts and restoration works.

PROJECT ESTIMATE:

\$685,000

PROJECT SCOPE OF WORKS:

The Project scope is as follows:

- Earthworks
- Bitumen sealing
- Table drain reformation
- Driveways
- Culverts
- Tree Removal
- Signage and line marking
- Topdressing and turfing of disturbed areas

The traffic management plan that will be put in place for the duration of the construction period will be developed prior to works commencing.

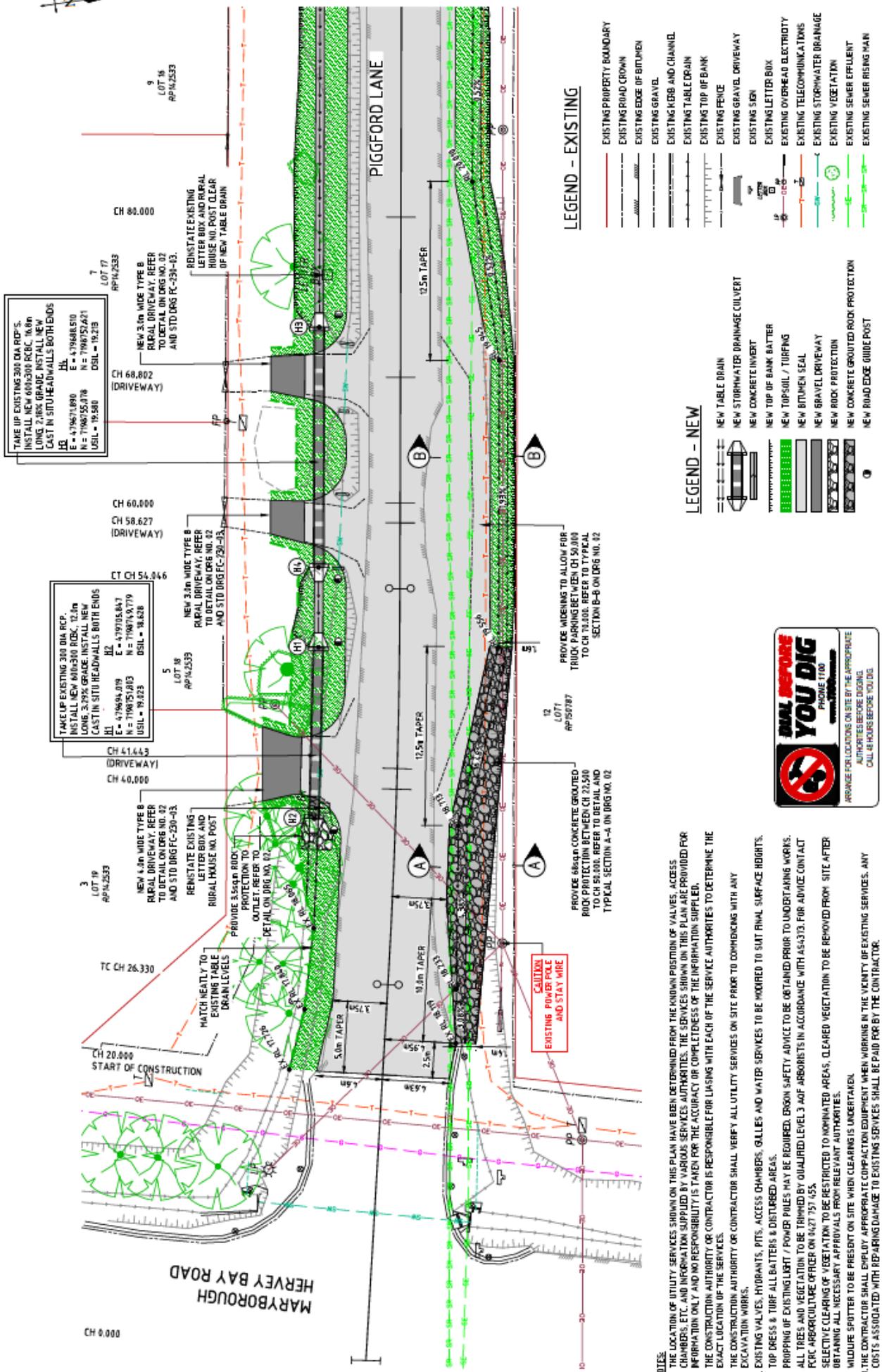


INDICATIVE PROJECT MILESTONES

October 2019	Final Design
Jan/April 2020	Construction Period
May 2020	Project Completion

Note: Project milestones are subject to weather and may change.

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LEGEND - EXISTING

- EXISTING PROPERTY BOUNDARY
- EXISTING ROAD CROWN
- EXISTING EDGE OF BITUMEN
- EXISTING GRAVEL
- EXISTING KERB AND CHANNEL
- EXISTING TABLE DRAIN
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING GRAVEL DRIVEWAY
- EXISTING SIGN
- EXISTING LETTER BOX
- EXISTING OVERHEAD ELECTRICITY
- EXISTING TELECOMMUNICATIONS
- EXISTING STORMWATER DRAINAGE
- EXISTING VEGETATION
- EXISTING SEWER EFFLUENT
- EXISTING SEWER RISING MAIN

LEGEND - NEW

- NEW TABLE DRAIN
- NEW STORMWATER DRAINAGE CULVERT
- NEW CONCRETE INVERT
- NEW TOP OF BANK BATTER
- NEW TOPSOIL / TURFING
- NEW BITUMEN SEAL
- NEW GRAVEL DRIVEWAY
- NEW RISK PROTECTION
- NEW CONCRETE GROUTED ROAD PROTECTION
- NEW ROAD EDGE GUIDE POST



- NOTE:**
1. THE LOCATION OF UTILITY SERVICES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE KNOWN POSITION OF VALVES, ACCESS CHAMBERS, ETC. AND INFORMATION SUPPLIED BY VARIOUS SERVICES AUTHORITIES. THE SERVICES SHOWN ON THIS PLAN ARE PROVIDED FOR INFORMATION ONLY AND NO RESPONSIBILITY IS TAKEN FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SUPPLIED.
 2. THE CONSTRUCTION AUTHORITY OR CONTRACTOR IS RESPONSIBLE FOR LIASING WITH EACH OF THE SERVICE AUTHORITIES TO DETERMINE THE EXACT LOCATION OF THE SERVICES.
 3. THE CONSTRUCTION AUTHORITY OR CONTRACTOR SHALL VERIFY ALL UTILITY SERVICES ON SITE PRIOR TO COMMENCING WITH ANY EXCAVATION WORKS.
 4. EXISTING VALVES, HYDRANTS, PITS, ACCESS CHAMBERS, GULLIES AND WATER SERVICES TO BE MOVED TO SUIT FINAL SURFACE HEIGHTS.
 5. TOP DRESS & TURF ALL BATTERS & DISTURBED AREAS.
 6. PROPPING OF EXISTING LIGHT / POWER POLES MAY BE REQUIRED. ERGON SAFETY ADVISE TO BE OBTAINED PRIOR TO UNDERTAKING WORKS.
 7. ALL TREES AND VEGETATION TO BE TRIMMED BY QUALIFIED LEVEL 3 AOF ARBORISTS IN ACCORDANCE WITH AS4373. FOR ADVICE CONTACT ERGON ARBORICULTURE OFFICER ON 0427 751 455.
 8. SELECTIVE CLEARING OF VEGETATION TO BE RESTRICTED TO NOMINATED AREAS. CLEARED VEGETATION TO BE REMOVED FROM SITE AFTER OBTAINING ALL NECESSARY APPROVALS FROM RELEVANT AUTHORITIES.
 9. WILDLIFE SPOTTER TO BE PRESENT ON SITE WHEN CLEARING IS UNDERTAKEN.
 10. THE CONTRACTOR SHALL DISPLAY APPROPRIATE CONFORMANCE EQUIPMENT WHEN WORKING IN THE VICINITY OF EXISTING SERVICES. ANY COSTS ASSOCIATED WITH REPAIRING DAMAGE TO EXISTING SERVICES SHALL BE PAID FOR BY THE CONTRACTOR.

CAUTION
EXISTING POWER POLES AND STAY WIRE

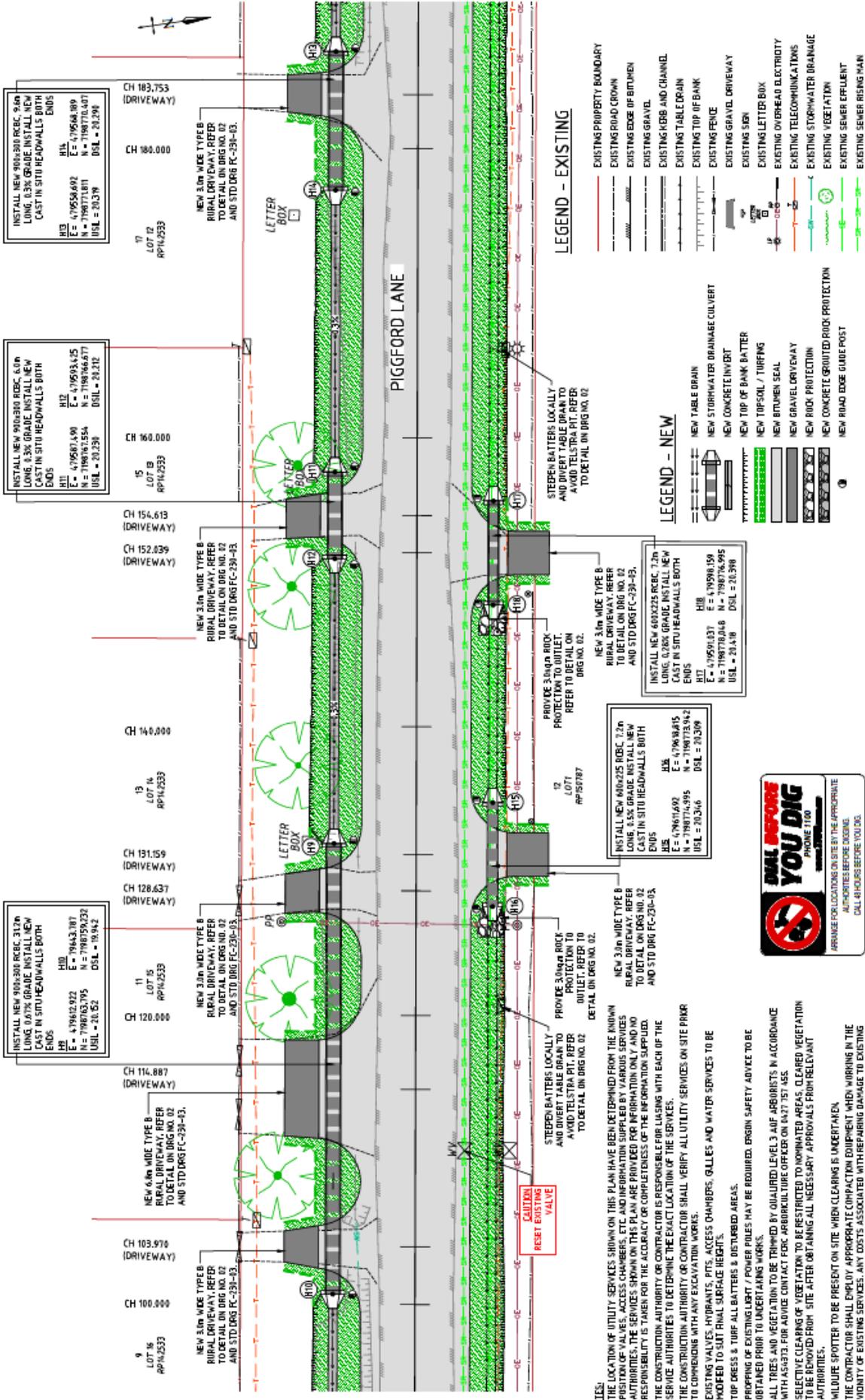
PROVIDE WIDENING TO ALLOW FOR TRUCK PARKING BETWEEN CH 50.000 TO CH 70.000. REFER TO TYPICAL SECTION B-B ON DRG NO. 02

PROVIDE 800mm CONCRETE GROUTED ROAD PROTECTION BETWEEN CH 22.500 TO CH 50.000. REFER TO DETAIL AND TYPICAL SECTION A-A ON DRG NO. 02

MARYBOROUGH
HERVEY BAY ROAD

PIGGFORD LANE

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INSTALL NEW 900x300 RIBC. 9.0m LONG. 0.3% GRADE. INSTALL NEW CAST IN SITU HEADWALLS BOTH ENDS
 H13 E = 4795564.002 N = 71987716.407
 H13 E = 4795564.889 N = 71987716.407
 USL = 20.339 DSL = 20.339

INSTALL NEW 900x300 RIBC. 6.0m LONG. 0.3% GRADE. INSTALL NEW CAST IN SITU HEADWALLS BOTH ENDS
 H12 E = 4795871.490 N = 7198766.677
 H12 E = 4795934.425 N = 7198766.677
 USL = 20.339 DSL = 21.212

INSTALL NEW 900x300 RIBC. 3.0m LONG. 0.67% GRADE. INSTALL NEW CAST IN SITU HEADWALLS BOTH ENDS
 H11 E = 4798632.922 N = 7198759.232
 H11 E = 4798633.795 N = 7198759.232
 USL = 20.552 DSL = 19.942

INSTALL NEW 900x300 RIBC. 3.0m LONG. 0.67% GRADE. INSTALL NEW CAST IN SITU HEADWALLS BOTH ENDS
 H10 E = 4796169.02 N = 7198773.942
 H10 E = 4796169.925 N = 7198773.942
 USL = 20.346 DSL = 20.309

INSTALL NEW 900x300 RIBC. 3.0m LONG. 0.67% GRADE. INSTALL NEW CAST IN SITU HEADWALLS BOTH ENDS
 H09 E = 4796169.02 N = 7198773.942
 H09 E = 4796169.925 N = 7198773.942
 USL = 20.346 DSL = 20.309

INSTALL NEW 900x300 RIBC. 3.0m LONG. 0.67% GRADE. INSTALL NEW CAST IN SITU HEADWALLS BOTH ENDS
 H08 E = 4796169.02 N = 7198773.942
 H08 E = 4796169.925 N = 7198773.942
 USL = 20.346 DSL = 20.309

LEGEND - EXISTING

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- EXISTING EDGE OF BITUMEN
- EXISTING GRAVEL
- EXISTING HERB AND CHANNEL
- EXISTING TABLE DRAIN
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING GRAVEL DRIVEWAY
- EXISTING SIGN
- EXISTING LETTER BOX
- EXISTING OVERHEAD ELECTRICITY
- EXISTING TELECOMMUNICATIONS
- EXISTING STORMWATER DRAINAGE
- EXISTING VEGETATION
- EXISTING SEWER EFFLUENT
- EXISTING SEWER RISING MAIN

LEGEND - NEW

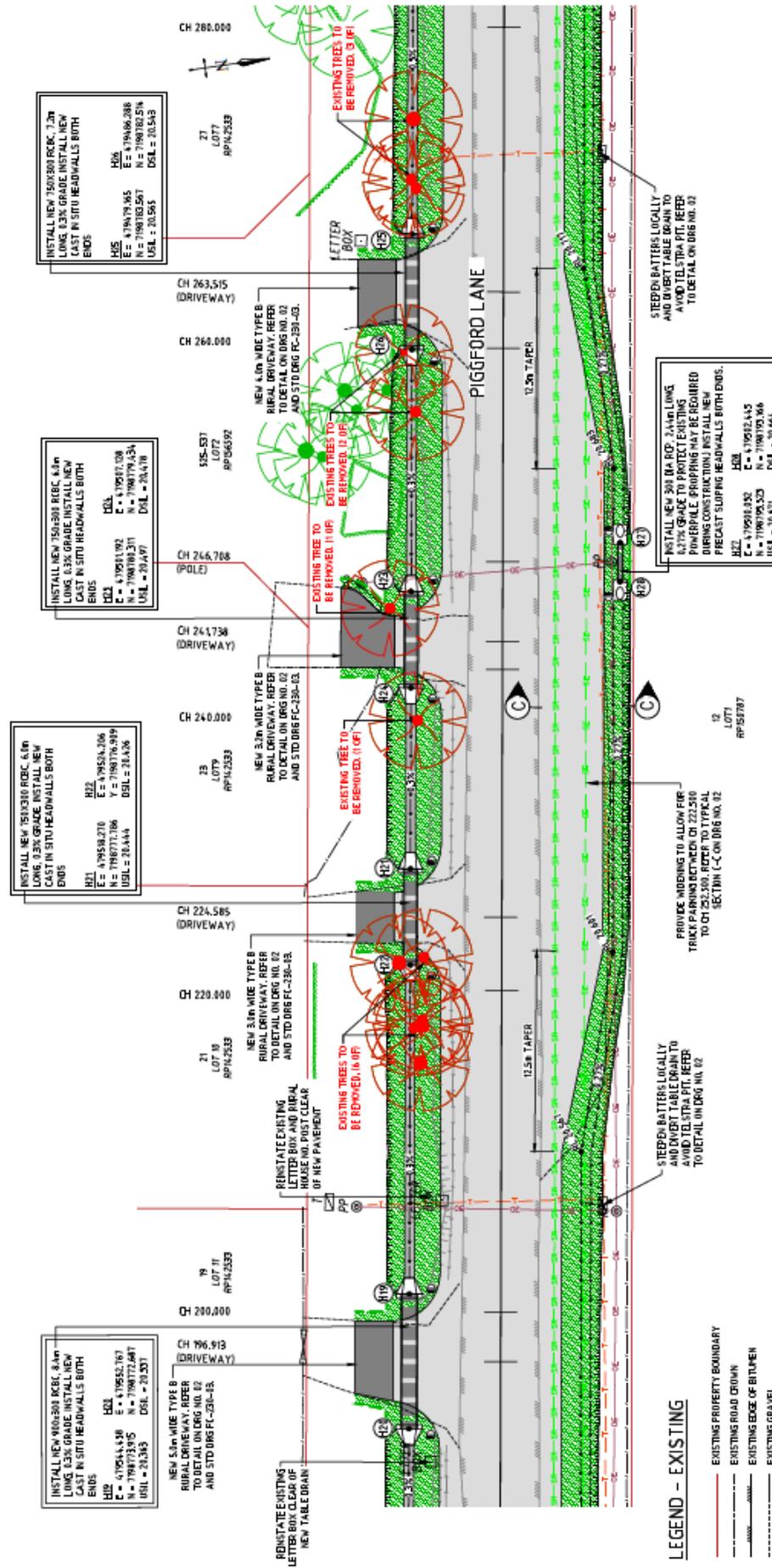
- NEW TABLE DRAIN
- NEW STORMWATER DRAINAGE CULVERT
- NEW CONCRETE INVERT
- NEW TOP OF BANK BATTER
- NEW TOPSOIL / TURFING
- NEW BITUMEN SEAL
- NEW GRAVEL DRIVEWAY
- NEW ROCK PROTECTION
- NEW CONCRETE GROUTED ROCK PROTECTION
- NEW ROAD EDGE GUIDE POST

NOTES:

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- TOP DRESS & TURF ALL BATTERS & DISTURBED AREAS.
- PROPPING OF EXISTING LIGHT / POWER PILES MAY BE REQUIRED. DESIGN SAFETY ADVISE TO BE OBTAINED PRIOR TO UNDERTAKING WORKS.
- ALL TREES AND VEGETATION TO BE THINNED BY QUALIFIED LEVEL 3 AUF ARBORISTS IN ACCORDANCE WITH AS4373. FOR ADVISE CONTACT FOR ARBORICULTURE OFFICER ON 0427 351 455.
- SELECTIVE CLEARING OF VEGETATION TO BE RESTRICTED TO DESIGNATED AREAS. CLEARED VEGETATION TO BE REMOVED FROM SITE AFTER OBTAINING ALL NECESSARY APPROVALS FROM RELEVANT AUTHORITIES.
- WILDLIFE SPOTTER TO BE PRESENT ON SITE WHEN CLEARING IS UNDERTAKEN
- THE CONTRACTOR SHALL EMPLOY APPROPRIATE CONSTRUCTION EQUIPMENT WHEN WORKING IN THE EXISTING ROADWAYS. ALL COSTS ASSOCIATED WITH REPAIRING DAMAGE TO EXISTING SERVICES SHALL BE PAID FOR BY THE CONTRACTOR.



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INSTALL NEW 750X300 RIBC, 1.2m LONG, 0.3% GRADE. INSTALL NEW ENDS CAST IN SITU HEADWALLS BOTH ENDS
 HES E = 479479.965 N = 7190762.514 USL = 20.565
 HOS E = 479486.288 N = 7190762.514 USL = 20.543

INSTALL NEW 750X300 RIBC, 6.0m LONG, 0.3% GRADE. INSTALL NEW ENDS CAST IN SITU HEADWALLS BOTH ENDS
 HES E = 479581.902 N = 7190771.034 USL = 20.478
 HOS E = 479479.965 N = 7190762.514 USL = 20.565

INSTALL NEW 750X300 RIBC, 6.0m LONG, 0.3% GRADE. INSTALL NEW ENDS CAST IN SITU HEADWALLS BOTH ENDS
 HES E = 479581.270 N = 7190771.034 USL = 20.444
 HOS E = 479486.288 N = 7190762.514 USL = 20.543

INSTALL NEW 750X300 RIBC, 8.0m LONG, 0.3% GRADE. INSTALL NEW ENDS CAST IN SITU HEADWALLS BOTH ENDS
 HES E = 479544.436 N = 7190773.975 USL = 20.537
 HOS E = 479552.767 N = 7190773.975 USL = 20.537

INSTALL NEW 750X300 RIBC, 8.0m LONG, 0.3% GRADE. INSTALL NEW ENDS CAST IN SITU HEADWALLS BOTH ENDS
 HES E = 479544.436 N = 7190773.975 USL = 20.537
 HOS E = 479552.767 N = 7190773.975 USL = 20.537

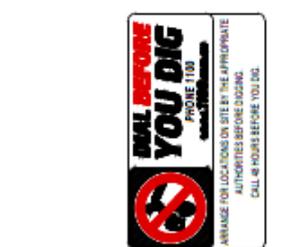
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- EXISTING KERB AND CHANNEL
- EXISTING TABLE DRAIN
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- EXISTING FENCE
- EXISTING GRAVEL DRIVEWAY
- EXISTING SIGN
- EXISTING LETTER BOX
- EXISTING OVERHEAD ELECTRICITY
- EXISTING TELECOMMUNICATIONS
- EXISTING STORMWATER DRAINAGE
- EXISTING VEGETATION
- EXISTING SENDER REFLECT
- EXISTING SENDER FLASHING PLATE

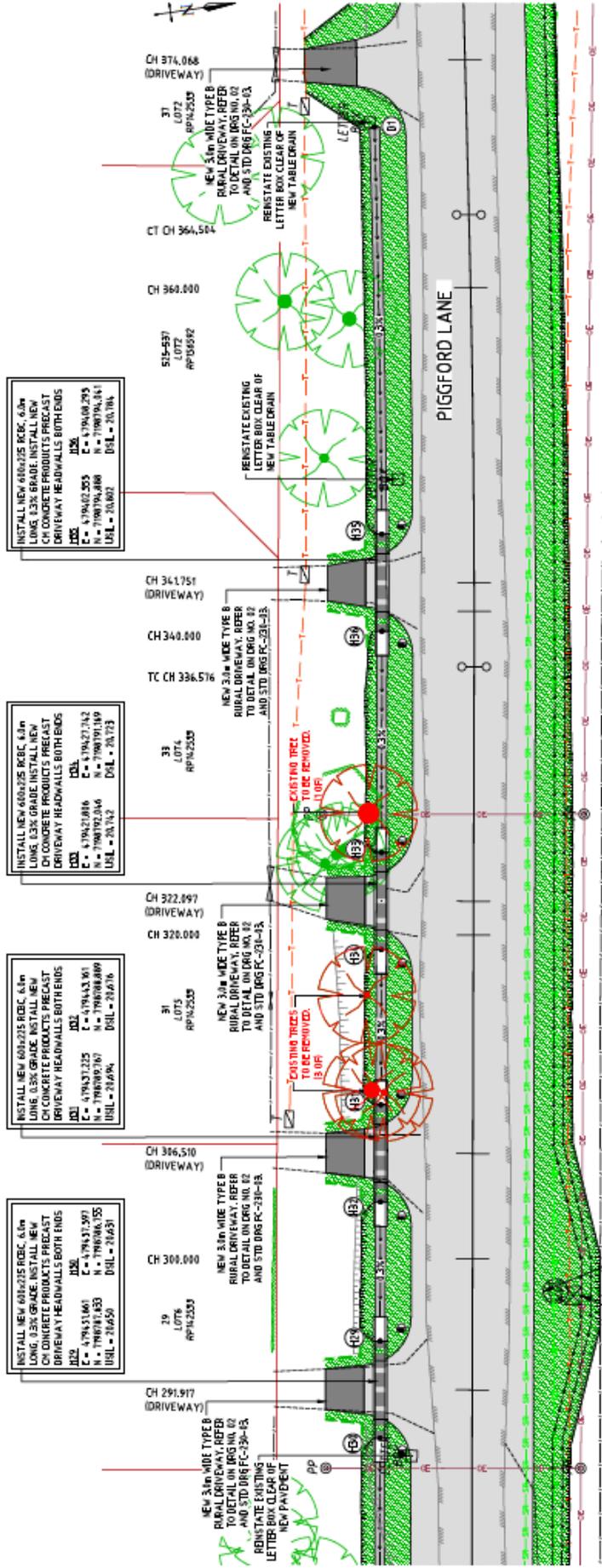
LEGEND - NEW

- NEW TABLE DRAIN
- NEW STORMWATER DRAINAGE DILVERT
- NEW CONCRETE INVERT
- NEW TOP OF BANK BATTER
- NEW TOPSOIL / TURFING
- NEW BETWEEN SEAL
- NEW GRAVEL DRIVEWAY
- NEW ROAD PROTECTION
- NEW CONCRETE BOUNDED RIBBON PROTECTION
- NEW ROAD EDGE GUIDE POST

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- EXISTING OVERHEAD ELECTRICITY
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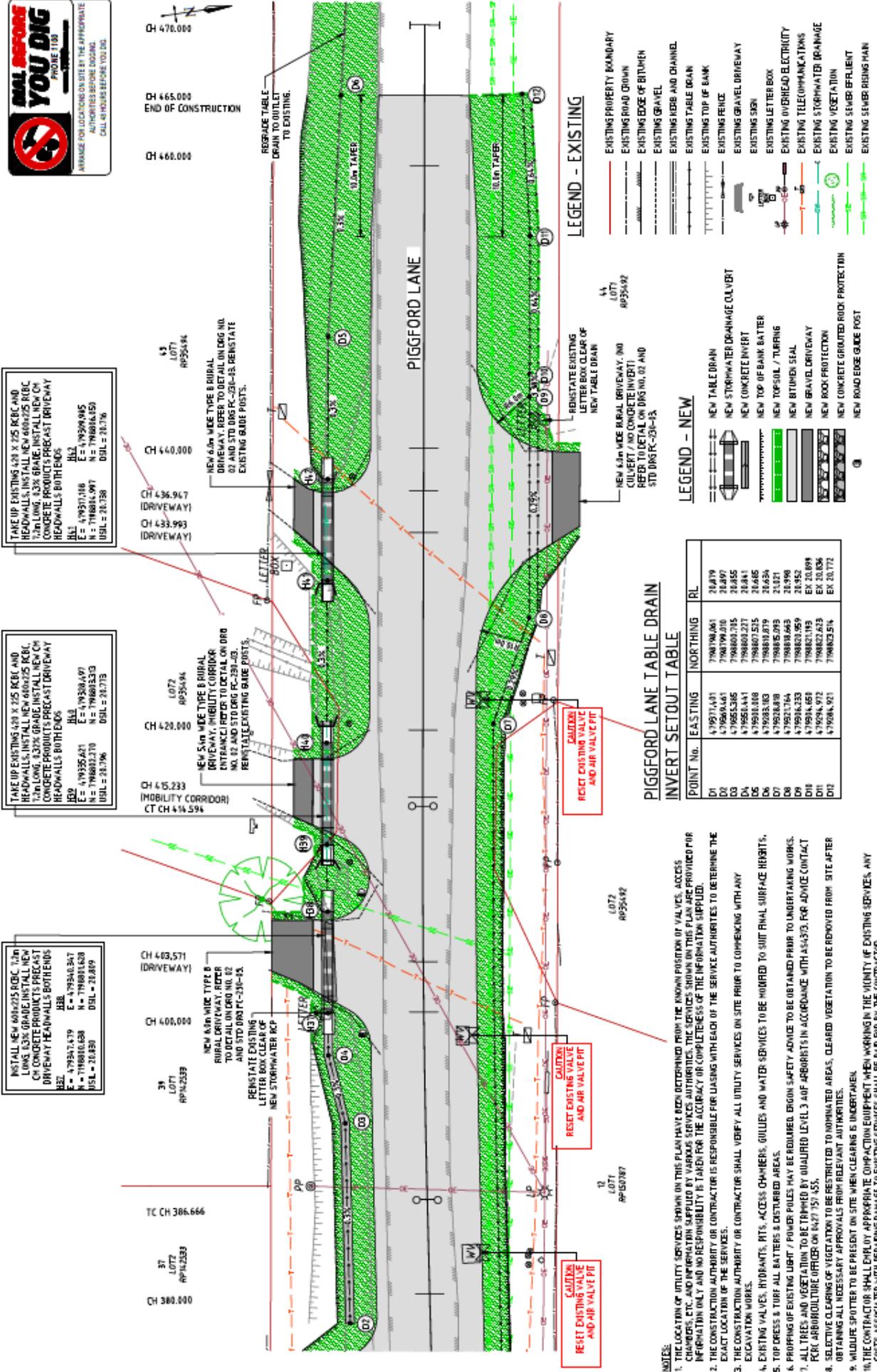
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DIAL BEFORE YOU DIG
PHONE 1100

ARRANGE FOR LOCATIONS ON SITE BY THE APPROPRIATE AUTHORITIES BEFORE DIGGING.
CALL 48 HOURS BEFORE YOU DIG.

Road Reconstruction — Piggford Lane (Maryborough Hervey Bay Road to 400m West)



TAKE UP EXISTING 4.0m X 2.5m RECC AND HEADWALLS TO GRADE. INSTALL RECC CONCRETE PRODUCTS PRECAST DRIVEWAY HEADWALLS BOTH ENDS.
 ELEV. 179517.579 N = 719810.528 U.S.L. = 20.829
 ELEV. 179517.579 N = 719810.528 U.S.L. = 20.829

TAKE UP EXISTING 4.0m X 2.5m RECC AND HEADWALLS TO GRADE. INSTALL RECC CONCRETE PRODUCTS PRECAST DRIVEWAY HEADWALLS BOTH ENDS.
 ELEV. 179535.631 N = 719803.270 U.S.L. = 20.796
 ELEV. 179535.631 N = 719803.270 U.S.L. = 20.796

INSTALL NEW 6.0m X 2.5m RECC AND HEADWALLS TO GRADE. INSTALL RECC CONCRETE PRODUCTS PRECAST DRIVEWAY HEADWALLS BOTH ENDS.
 ELEV. 179517.579 N = 719810.528 U.S.L. = 20.829
 ELEV. 179517.579 N = 719810.528 U.S.L. = 20.829

NEW 6.0m WIDE TYPE B RURAL DRIVEWAY. REFER TO DETAIL ON DRG NO. 02 AND STD DRG PC-291-02. REINSTALL EXISTING GADE PISTS.
 ELEV. 179535.631 N = 719803.270 U.S.L. = 20.796
 ELEV. 179535.631 N = 719803.270 U.S.L. = 20.796

NEW 5.0m WIDE TYPE B MOBILITY CORRIDOR ENTRANCE. REFER TO DETAIL ON DRG NO. 02 AND STD DRG PC-291-02. REINSTALL EXISTING GADE PISTS.
 ELEV. 179535.631 N = 719803.270 U.S.L. = 20.796
 ELEV. 179535.631 N = 719803.270 U.S.L. = 20.796

NEW 6.0m WIDE TYPE B RURAL DRIVEWAY. REFER TO DETAIL ON DRG NO. 02 AND STD DRG PC-291-02. REINSTALL EXISTING GADE PISTS.
 ELEV. 179517.579 N = 719810.528 U.S.L. = 20.829
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LEGEND - EXISTING

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- EXISTING ROAD DRAIN
- EXISTING EDGE OF BITUMEN
- EXISTING GRAVEL
- EXISTING HERB AND CHANNEL
- EXISTING TABLE DRAIN
- EXISTING TOP OF BANK
- EXISTING FENCE
- EXISTING GRAVEL DRIVEWAY
- EXISTING SIGN
- EXISTING LETTER BOX
- EXISTING OVERHEAD ELECTRICITY
- EXISTING TELECOMMUNICATIONS
- EXISTING STORMWATER DRAINAGE
- EXISTING VEGETATION
- EXISTING SEWER EFFLUENT
- EXISTING SEWER RISING MAIN

LEGEND - NEW

- NEW TABLE DRAIN
- NEW STORMWATER DRAINAGE CULVERT
- NEW CONCRETE INVERT
- NEW TOP OF BANK BATTER
- NEW TOPSOIL / TURNING
- NEW BITUMEN SEAL
- NEW BRICK DRIVEWAY
- NEW ROAD PROTECTION
- NEW CONCRETE GRATED ROCK PROTECTION
- NEW ROAD EDGE GUIDE POST

PIGGFORD LANE TABLE DRAIN INVERT SETOUT TABLE

POINT No.	EASTING	NORTHING	RL
D1	179571.431	719810.461	20.819
D2	179569.461	719810.710	20.807
D3	179565.236	719803.715	20.855
D4	179561.441	719803.227	20.841
D5	179558.308	719803.525	20.848
D6	179555.103	719803.079	20.854
D7	179552.008	719803.068	20.821
D8	179551.154	719803.068	20.825
D9	179548.452	719803.143	EV 20.808
D10	179548.972	719802.633	EV 20.824
D11	179548.971	719802.574	EV 20.772

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