PACIFIC HIGHWAY GORDON 742, 746 & 746A

DRAWING LIST

- DAC02 DAC01 SITEWORKS PLAN COVER SHEET NOTES AND LEGENDS
- DACO3 SEDIMENTATION AND EROSION CONTROL PLAN

PROPOSED CIVIL WORKS DA ISSUE

S CORMANTED RESIDIO COTERDA.

IA AVERAGE RECURSOR (METERA.

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STORMWATER DRAINAGE NOTES

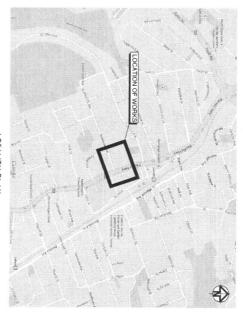
ROOF AREAS: C100
EXTERNAL PAVEMENTS: C20

PIPES UP TO 300 DIA SHALL BE SEWER GRADE UPVC WITH SOLVENT WELDED JOINTS.

QUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED.

STORMWATER DRAINAGE LINES UNDER PROPOSED BUILDING SLABS 3E UPVC PRESSURE PIPE GRADE 6. ENSURE ALL VERTICALS AND INPIPES ARE UPVC PRESSURE PIPE, GRADE 6 FOR A MIN OF 3.0m

PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2 APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS, U.N.O.



SITEWORKS LEGEND

I _ 23.0 _ P) × K&G F22.20 JPVC STORMWATER PIPE STORMWATER PIT WITH GRATE AND LIN NTEGRAL KERB NTEGRAL MOUNTABLE KERB KERB ONLY KERB AND GUTTER PROPOSED CONTOUR EXISTING CONTOUR PROPOSED BOUNDARY RAM RAMP INISHED PAVEMENT LEVEL

EXPANSION JOINTS ARE TO BE LOCATED WHERE POSSIBLE AT TANGEN POINTS OF CURVES AND ELSEWHERE AT MAX. 6.0m CENTRES.

WHERE POSSIBLE JOINTS SHOULD BE LOCATED TO MATCH KERBING AND OR ADJACENT PAVEMENT JOINTS. WEAKENED PLANE JOINTS ARE TO BE LOCATED AT A MAX. SPACING OF 1.5 \times WIDTH OF THE PAVEMENT. ALL PEDESTRIAN PAVEMENTS ARE TO BE JOINTED AS FOLLOWS, JUNIO

PEDESTRIAN PAVEMENT JOINT DETAIL FACE

WPJ 1.5 x W

PEDESTRIAN PAVEMENT JOINTS

JOINTING NOTES

6.0m MAX

- 7. KEYED CONSTRUCTION JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES 5. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS SHOWN ON DRAWINGS VEHICULAR PAVEMENT JOINTS

 ALL VEHICULAR PAVEMENTS TO BE JOINTED AS FOLLOWS, JUNOI
- 8. SAWN JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES WITH DOWELED EXPANSION JOINTS AT MAX 30.0m CENTRES 9. VEHICULAR PAVEMENT JOINT DETAIL.

ROSS POLUTANT TRAP

TORMWATER LINE WITH CAP TORMWATER DOWN PIPE ERB INLET PIT (ENVIROPOD)

FACE INLET PIT (ENVIROPOD

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| | | | _SJ |

HAIN WIRE FENCE

RD FENCE

ICULAR CROSSING 3E IN ACCORDANCE WITH CKTOWN CITY COUNCIL STANDARD WING A(BS)103S

Date

BULK EARTHWORKS NOTES

LORIGIN OF LEVELS: REFER SURVEY NOTES

3. EXCAVATED MATERIAL TO BE USED AS STRUCTURAL FILL PROVIDED THE PLACEMENT MOISTURE CONTENT OF THE MATERIAL IS +/- 2% OF THE OPTIMUM MOISTURE CONTENT. STRIP ALL TOPSOIL/ORGANIC MATERIAL FROM CONSTRUCTION AREA AND REMOVE FROM SITE OR STOCK PILE AS DIRECTED BY SUPERINTENDENT.

COMPACT FILL AREAS AND SUBGRADE TO NOT LESS THAN

UNDER BUILDING SLABS
ON GROUND
98%
UNDER ROADS AND
CAPPARKS
LANDSCAPED AREAS UNLESS NOTED OTHERWISE 98%

5. FOR NON COHESIVE MATERIAL, COMPACT TO 75% DENSITY INDEX 6. BEFORE PLACING FILL, PROOF ROLL EXPOSED SUBGRADE WITH AN 8 TOWNE HINN DE ADWEIGHT S MOOTH DRUM VIBRAT 108Y ROLLER TO DETECT THEM REPUDYE SOFT SPOTS (AREAS WITH MORE THAN ZMM HOVENENT UNDER ROLLER).

-PREDUBNY OF COMPACTION TESTING SHALL BE NOT LESS THAN :LAI TIEST PER ZUM- OF FALL-PLACED PER 380 LAYER OF FALL
B) 3 TESTS PER NOTE OF EXPOSED SUBGRADE
TESTING SHALL BE "LEVEL " TESTING IN ACCORDANCE WITH AS 3798
1998).

8. FILLING TO BE PLACED AND COMPACTED IN MAXIMUM ISSUMM LAYERS 9. NO FILLING SHALL TAKE PLACE TO EXPOSE SUBGRADE UNTIL THE AREA HAS SEEN PROOFE ROLLED IN THE PRESENCE OF TA TA AND APPROVAL GIVEN IN WRITING THAT FILLING CAN PROCEED.

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LOCALITY PLAN

- KERBING NOTES . ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH 0F25 U.N.O.
-). ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED DN 100mm GRANLILAR BASECOURSE COMPACTED TO MINIMUM 95% MODIFIED DRY DENSITY IAS 1728 9 (2.1).

EXPANSION JOINTS E.J. IT DIE FROMED FROM 18mm COMPRESSIBLE CORM FELLER BRADE FOR THE FULL DEFENT OF THE SECTION AND CUT TO PROFIELE ELEMBRADE JOINTS TO BE LOCATED, AT DRAMAGE PITS, ON TAMBENT POINTS OF CHAYES AN DIE LOCATED, AT DRAMAGE PITS, ON TAMBENT POINTS OF CHAYES THE SEX-PHERE AT THAX TON LOCATED THE PROFILE OF LOCATED AND THE EXPANSION JOINTS ARE TO MACTOR THE DINN'T LOCAT, TROUSS IN THE SELABS.

BROOMED FINISH TO ALL RAMPED AND VEHICULAR CROSSINGS, ALL OTHER KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISHED. WEAKENED PLANE JOINTS TO BE MIN 3mm WIDE AND LOCATED AT 3m (ENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE WEAKENED PLAN JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.

EXISTING ALLOTMENT DRAINAGE PIPES ARE TO BE BUILT INTO THE NEW KERB AND GUTTER WITH 190mm DIA HOLE. IN THE REPLACEMENT OF KERB AND GUTTER:EXISTING ROAD PAYEMENT IS TO BE SAWCUT 900mm U.N.O FROM THE
LIP OF GUTTER, LIPPOR COMPLETION OF THE NEW KERB AND GUTTER
NEW BASECOURSE AND SURFACE TO BE LAID 600mm WIDE U.N.O.

EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.

- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- CONCRETE QUALITY

 DOCUMENT IS SHALL APPLY TO THE FORWWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

| KERBS, PATHS, AND PITS | VEHICULAR BASE | ELEMENT |
|---------------------------|----------------|--------------------|
| AND 25 | | AT 28 DAYS |
| 86 | 60 | SLUMP SPECIFIED |
| 20 | 20 | AGG. SIZE |

MAKE SMOOTH CONNECTION WITH EXISTING WORKS 2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK, ANY DISCREPANCIES TO BE REPORTED TO AT & L.

ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.

- 3. NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED WRITING BY AT & L.
- CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
- ALL REMPORCEMENT SHALL BE FIBMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN IN CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.

ALL BASECQUESE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.T.A. FORM 3951 UNBQUIND, R.T.A. FORM 3952 BOUND), COMPACTED TO MINHUM 982 MODIFIED DENSITY IN ACCORDANCE WITH AS 7289 S.2.1 . ASPHALTIC CONCRETE SHALL CONFORM TO R.T.A. SPECIFICATION R116

COURSE MATERIAL PLACED.

. AS AM ALTERMATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN 191 A CERTIFED RECYCLED CONFECTE HATERIAL COMPLYMEN WITH B T.A. FORM \$935 I AND 3951 I WILL BE CONSIDERED. SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BRING PROVIDED TO THE SATISFACTION OF AT \$ L.

SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THIS SHALL BE CLEARLY NODICATED IN THEIR TENDER AND THE PRICE DIFFERINCE BETWEEN AN BORDOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.

ALL SUB-BASE COURSE MATERAL SHALL BE GREOUS ROCK QUARREED MATERAL TO CORPEY WITHER TA FROM 305, 34011 AND COMPACTED ON HINNING 55% MODIFIED DENSITY BIACCORDANCE WITH AS 1729 \$2 FREQUENCY OF CORPACTION TESTING SHALL NOT BE LESS THAN I TEST PER 96m OF SUB-BASE COURSE MATERIAL PLACED.

LAP TWO WIRES

CONCRETE NOTES

13. ALL INTERNAL PIT DIMENSIONS TO CONFORM TO AS3500.3 TABLE 8.2. 4. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATING THE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS. ALL EMSTHMS STORMATER DRAINAGE LIMES AND PITS THAT ARE TO REMAIN ARE TO DE INSPECTED AND CLEANED, DUIRON THIS PROCESS, ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERNITENDENT ZINGRETE FOR PURITHER DIRECTIONS.

GRATES AND COVERS SHALL CONFORM TO AS 3996.

CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES, GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL. WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED UPVC SEWER GRADE PIPE IS TO BE USED. ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA. PRECAST PITS MAY BE USED EXTERNAL TO THE BUILDING SUBJECT TO APPROVAL BY AT & $\ensuremath{\text{L}}$ ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (1998) AND AS/NZS 3500 3.2 (1998).

I PIPES TO BE ENTALLED TO TYPE MS JROUGH MSZ DOTS LISPERCY IN A CCIORANCE WITH AS 755 1999 ML LACKSES BACKEL TREES WITH A CCIORANCE WITH AS 755 1999 MS ALCKSES BACKEL TREES WITH A COLOR W

| ELEMENT | AT 28 DAYS | SLECTION | AGG. SIZE |
|------------------------|------------|----------|-----------|
| VEHICULAR BASE | 32 | 60 | 20 |
| KERBS, PATHS, AND PITS | 25 | 86 | 20 |

- CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORD. WITH AS 1379.

- THE FINISHED CONCRETE SHALL BE A DERKE HOMOGENOUS MASS, COMPLETELY FILLIAN THE FORM-MORE, THOROGOMY CY PREDIDING THE FORM-MORE, THOROGOMY CY PREDIDING THE REPORTEMENT AND PREE OF STONE POLIKETS ALL CONCRETE INCLUDING SLABS ON GROUND AND FOOT MASS SHALL BE COMPACTED AND CURED IN ACCORDANCE WITH R.T.A. SPECIFICATION RE3.
- HBER OF BARS IN GROUP | BAR GRADE AND TYPE DENOTES GRADE 450 N BARS TO AS 1302 GRADE N
 DENOTES 230 R HOT ROLLED PLAIN BARS TO AS 1302
 DENOTES HARD-DRAWN WIRE REINFORCING FABRIC TO AS 1304
- FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:

THE FIGURE FOLLOWING THE FABRIC SYMBOL SLIS THE REFERANCE NUMBER FOR FABRIC TO AS 1304. NOMINAL BAR SIZE IN mm - SPACING IN mm

ORIGIN OF LEVELS .- REFER SURVEY NOTES. SITEWORKS NOTES

ALL SERVICE TRENERS UNDER VEHICULAP PAZIFERITS SIMIL BE BACKELLTO WITH SAUR DI Blobba ADDREP PER HER EDER ES GARDER PAZIFERIT WITH SAUR DI PAPPORTED GRANDA OF PAZIFERIT WITH SAUR DE PAPPORTED GRANDA OF COMPARCIED IN SOME LAYERS TO MANUAL MEN MITERIAL DRY DENSITY IN ACCORDANCE WITH AS 1289 \$1.1 IGR A DENSITY MACCORDANCE WITH AS 1289 \$1.1

PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.

- 17 N 20 250

NTS

COVER SHEET AND LOCALITY PLAN

| Checked | Designed | Drawn |
|---------|-----------------|------------------------|
| A.T. | AT | G.K.G. |
| GORDON | PACIFIC HIGHWAY | Project 742 746 & 746A |

LAWSON CLINIC

PACIFIC HIGHWAY 742, 746 & 746A GORDON

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| PACIFIC HIGHWAY | | λŢ | " |
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ers and Project Managers

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