

LEGEND

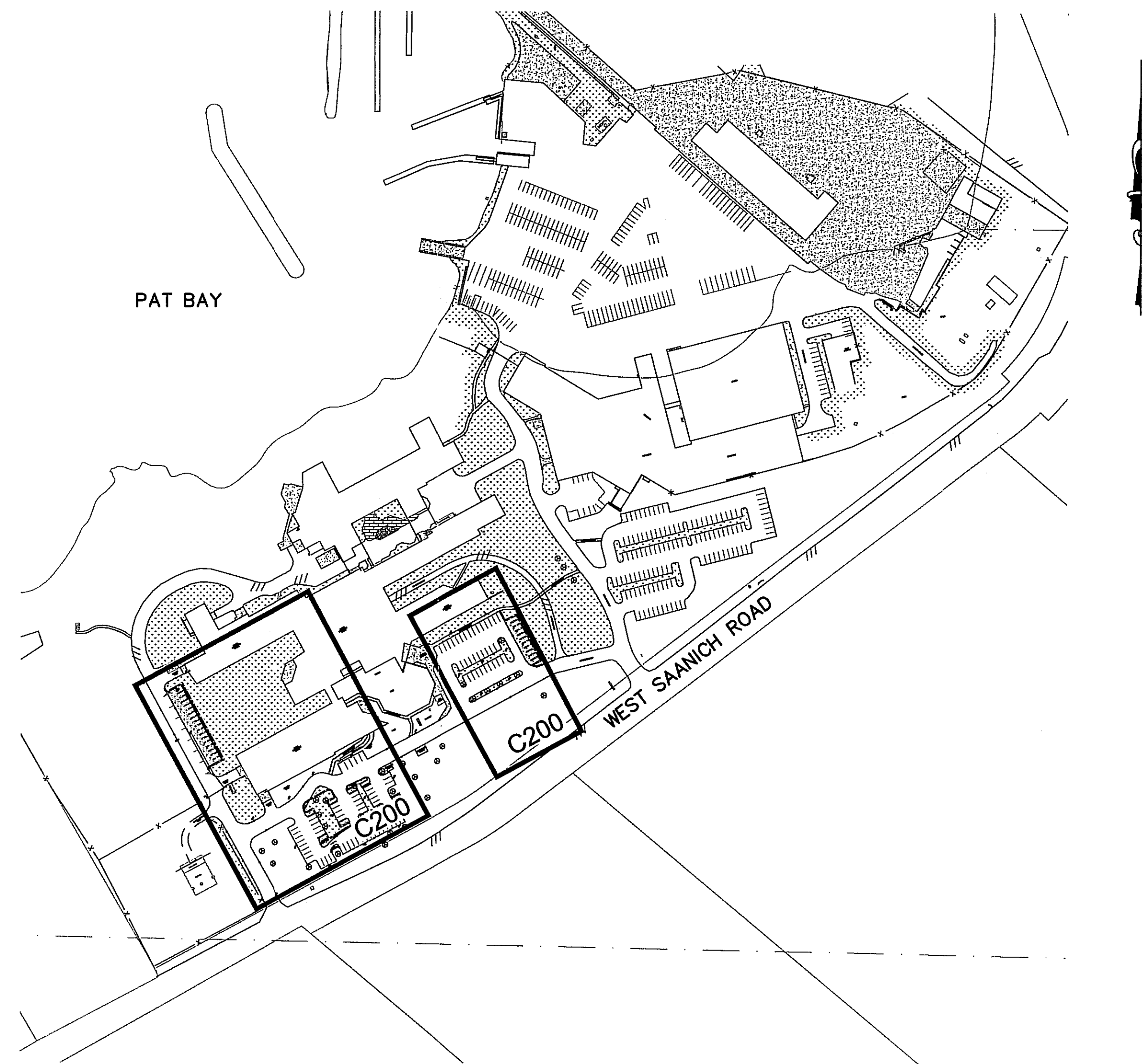
EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION
---	---	EDGE OF PAVEMENT	---	---	REDUCER
---	---	CURB AND GUTTER	---	---	FENCE
---	---	EDGE OF GRAVEL	---	---	DITCH/SWALE
---	---	TOP/BOTTOM OF BANK	---	---	WATERMAIN (SIZE AND MATERIAL NOTED)
---	---	CATCH BASIN	---	---	SANITARY SEWER (SIZE AND MATERIAL NOTED)
---	---	WATER VALVE	---	---	STORM DRAIN (SIZE AND MATERIAL NOTED)
---	---	FIRE HYDRANT	---	---	UNDERGROUND TELEPHONE
---	---	CAPPED END	---	---	UNDERGROUND HYDRO
---	---	UTILITY POLE AND STREET LIGHT (LABELLED PP,TP,PP/LS ETC.)	---	---	MONUMENT
---	---	MANHOLE	---	---	PROPERTY LINE
---	---	CLEANOUT	---	---	CENTERLINE AND STATIONING
---	---	SANITARY/STORM INSPECTION CHAMBER (200# RISER)	---	---	ELEVATIONS
---	---	JUNCTION BOX	---	---	PAVEMENT REMOVAL
---	---	AIR VALVE	---	---	NEW ASPHALT
---	---	WATER METER	---	---	

LIST OF DRAWINGS

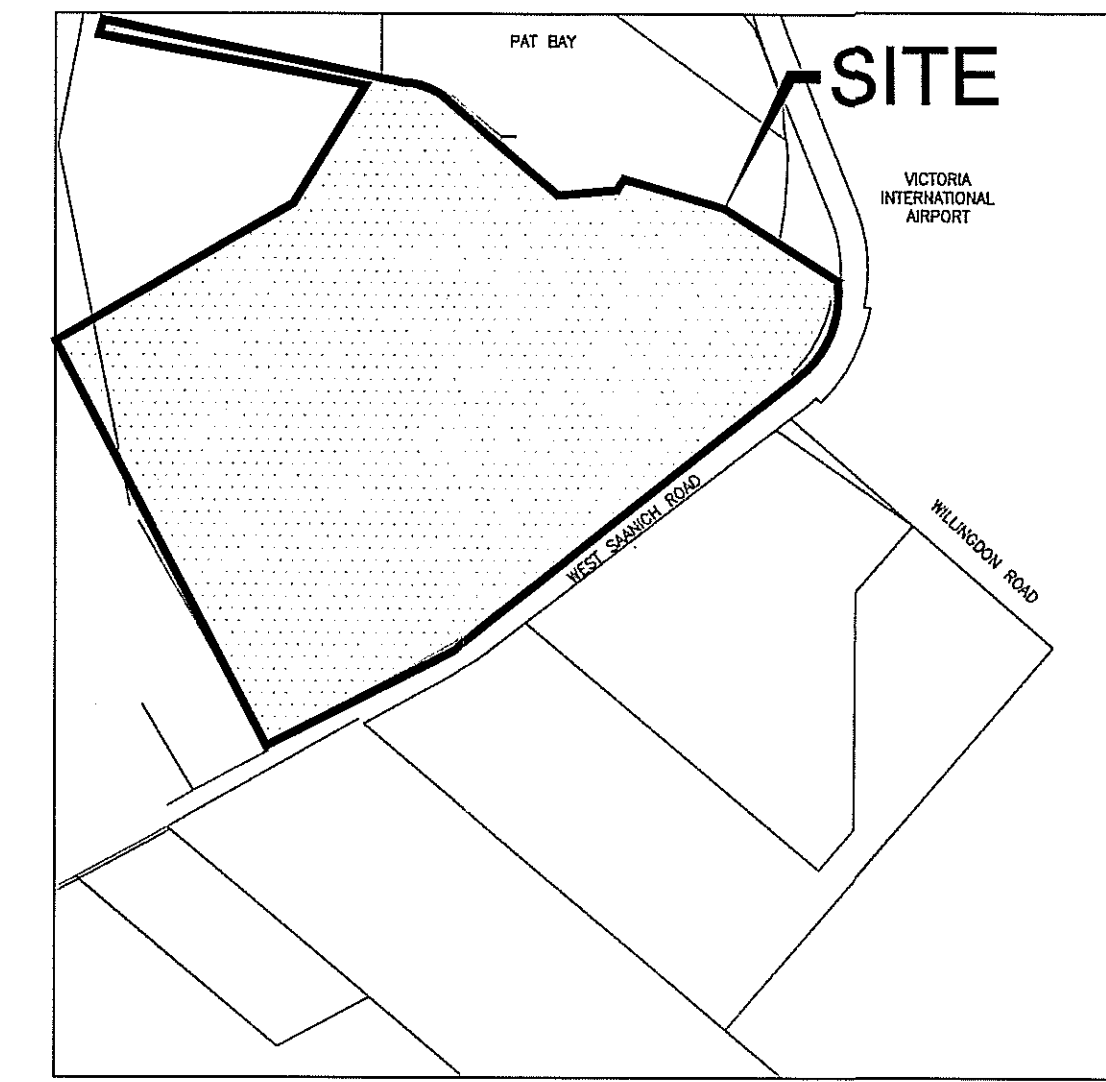
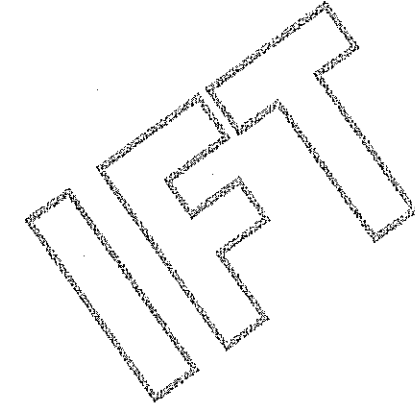
DWG. No.	DESCRIPTION
C100	LOCATION PLAN, KEY PLAN, DRAWING LIST & GENERAL NOTES
C200	GRADING PLAN

NOTES:

LS	LAMP STANDARD
AC	ASPHALT CURB
CC	CONCRETE CURB
FH	FIRE HYDRANT
CB	CONCRETE BOX
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE



KEY PLAN  
1:2000



LOCATION PLAN  
NOT TO SCALE

GENERAL NOTES:

- ALL WORK AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) REQUIREMENTS.
- THE ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR TO COMPLY WITH ALL APPLICABLE MINISTRY OF ENVIRONMENT AND DEPARTMENT OF FISHERIES & OCEANS CANADA REQUIREMENTS AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR TO CONFIRM LOCATION OF EXISTING UTILITIES AT ALL CROSSINGS AND CONNECTIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR TO CONFIRM THAT ELEVATION, LOCATION AND GRADIENT OF ASPHALT MATCH EXISTING PRIOR TO PLACEMENT OF ASPHALT OR CONCRETE.
- CONTRACTOR TO BE REGISTERED WITH WORKSAFE BC.
- CONTRACTOR TO ABIDE BY SITE REGULATIONS AS NOTED IN CONTRACT DOCUMENTS AND ON CONSULTANT DRAWINGS.
- ALL TREES NOT BEING REMOVED IN THE CONSTRUCTION AREA SHALL BE PROTECTED. MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS ALONG WEST SAANICH ROAD AND WITHIN THE PARKING LOT DURING CONSTRUCTION.
- ADJUST ALL MANHOLES, WATER VALVES, HYDRO VAULTS, ETC. TO MATCH NEW CONSTRUCTION.
- ALL LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY AND SHOULD BE CONFIRMED BY USE OF A PIPE LOCATOR AND MANUAL DIGGING. ALL OR ANY STRUCTURES NOT NECESSARILY SHOWN.
- ALL ELEVATIONS ARE TO GEODETIC DATUM AND ARE REFERENCED TO MONUMENTS 78H7238 AND 78H7239 LOCATED OUTSIDE THE PROJECT BOUNDARY AS NOTED ON THE SITE PLAN OF INSTITUTE OF OCEAN SCIENCES.
- DATA SOURCES:  
-ASBULTS PROVIDED BY THE INSTITUTE OF OCEAN SCIENCES.

ROAD NOTES:

- ALL CURBS TO BE ASPHALT AS PER DETAIL ON SHEET C200 UNLESS OTHERWISE NOTED.
- CONSTRUCT ALL ROADS IN ACCORDANCE WITH THE LATEST VERSION OF THE MMCD SPECIFICATIONS AND DRAWINGS AS PER MMCD DRAWING G5.
- TRENCH RESTORATION AS PER MMCD STD. DWG. No. G4
- CONTRACTOR TO ENSURE EXISTING MONUMENTS OR IRON PINS IN DANGER OF DISTURBANCE ARE TO BE REFERENCED AND, IF DISTURBED, BE REPLACED BY A BCLS AT THE CONTRACTORS EXPENSE.
- ALL PAINT MARKINGS AND SIGNAGE TO BE AS PER THE 'MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' (MUTCD) AND THE 'BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA' PUBLISHED BY THE TRANSPORTATION ASSOCIATION OF CANADA.
- ALL SIGNS TO BE MOUNTED AT A HEIGHT OF 2.00m TO 3.00m.
- ALL PARKING STALL BARS, STOP BARS, CROSSWALK BARS AND TURNING ARROWS TO BE THERMOPLASTIC PAINT.

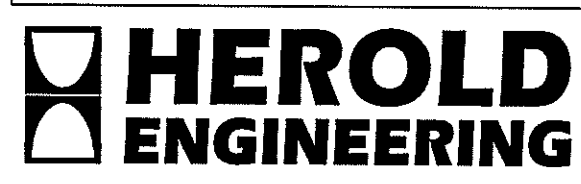
BC HYDRO/TELUS/SHAW CABLE/FORTIS BC NOTES:

- SITE LIGHTING AND POWER BY OTHERS.
- EXISTING BC HYDRO, TELUS, SHAW CABLE AND FORTIS BC INFRASTRUCTURE INFORMATION SHOWN ON DRAWINGS IS SCHEMATIC AND FOR INFORMATION ONLY. REFER TO UTILITY COMPANY DESIGN DRAWINGS FOR CONSTRUCTION DETAILS. CONSTRUCT UNDERGROUND UTILITIES AS SPECIFIED AND IN ACCORDANCE WITH BC HYDRO, TELUS, SHAW CABLE SPECIFICATIONS AND DRAWINGS.
- CONTACT BC 1 CALL AT 1-800-474-6886 A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
- CONTACT BC HYDRO, TELUS, SHAW CABLE AND FORTIS BC 48 HOURS PRIOR TO THE START OF ANY EXCAVATION.

ISSUES		
No.	DATE	ISSUED FOR
1	2017.09.18	ISSUED FOR PRICING
2	2017.11.02	ISSUED FOR TENDER

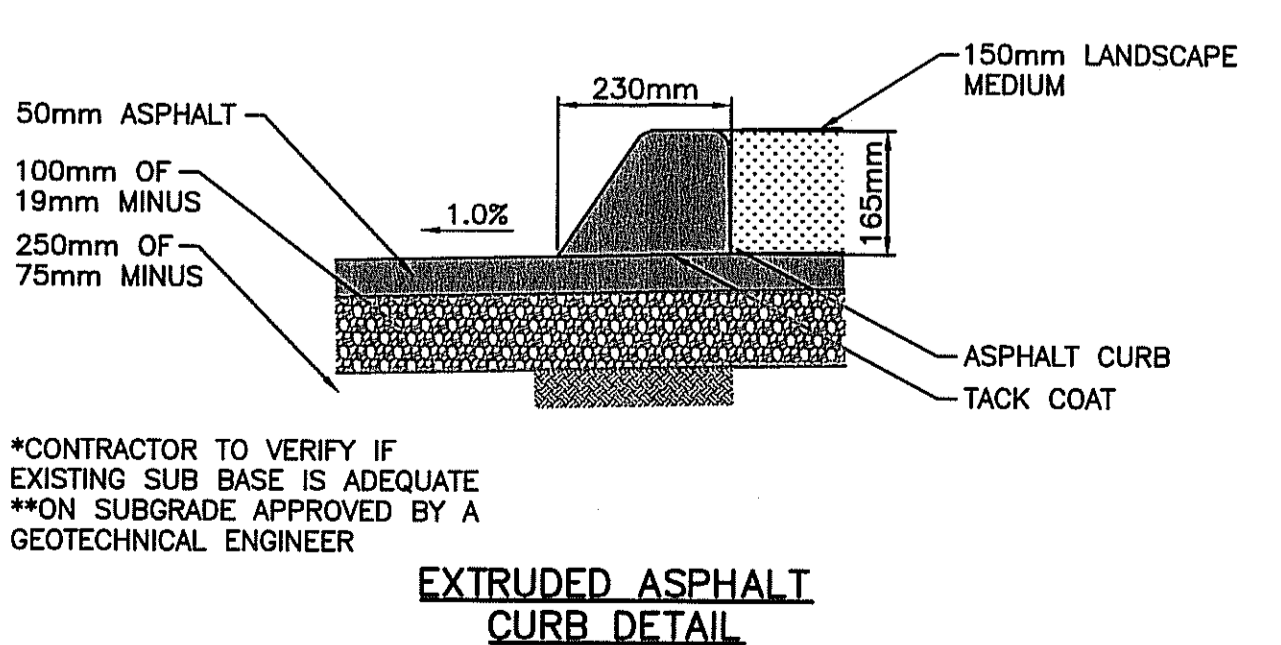
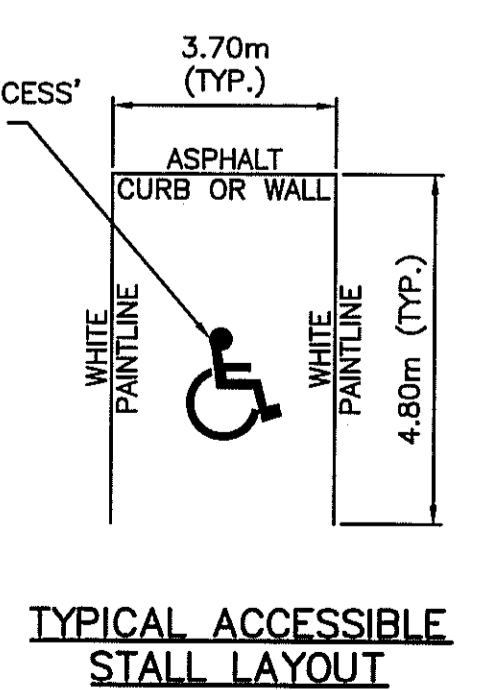
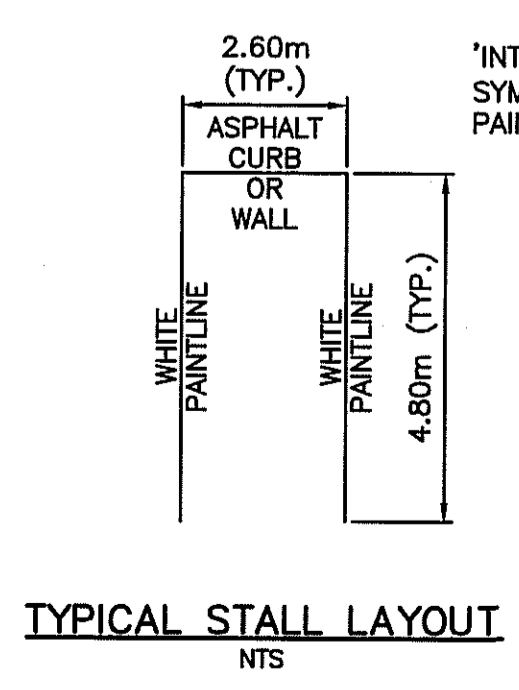
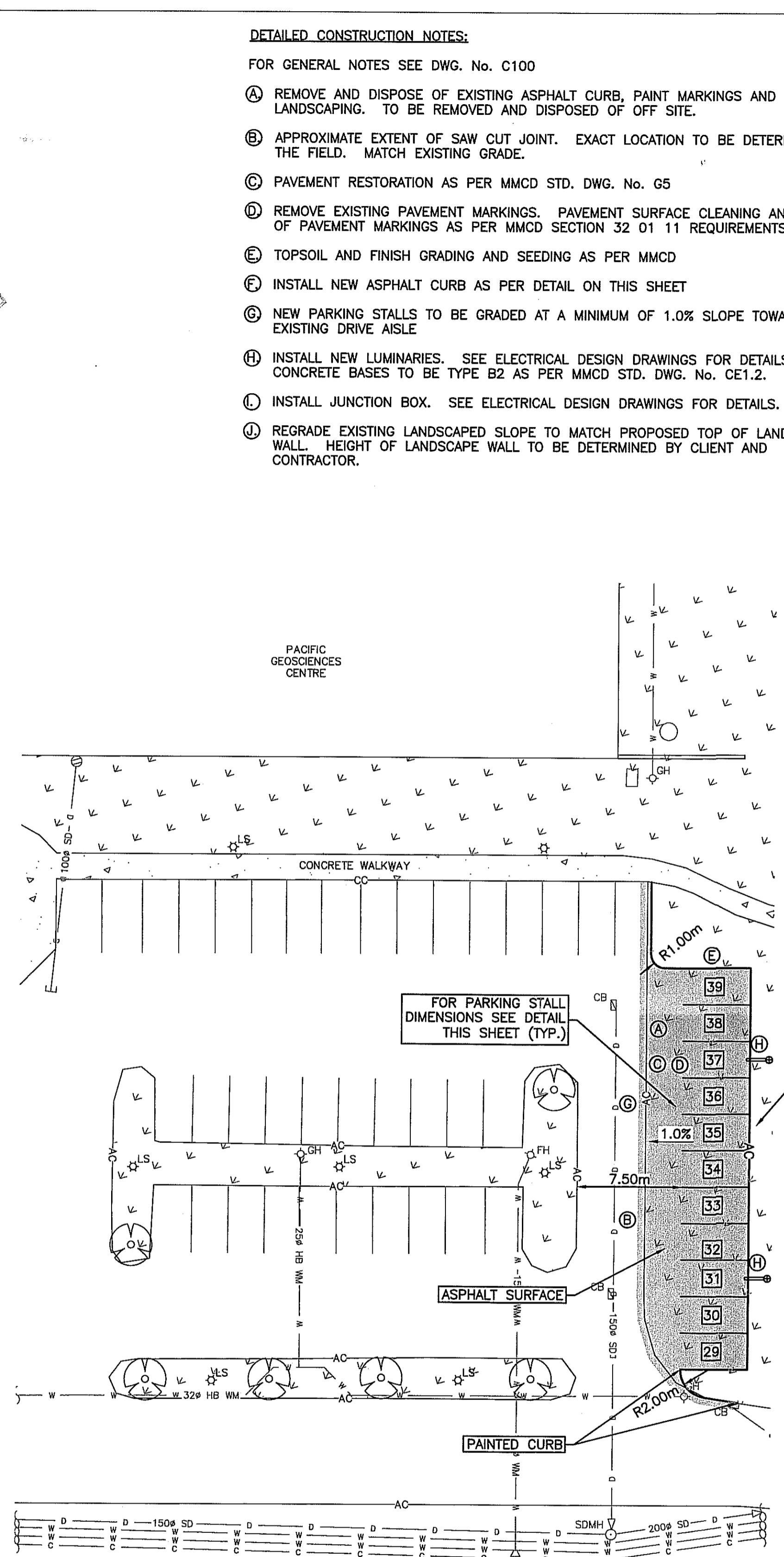
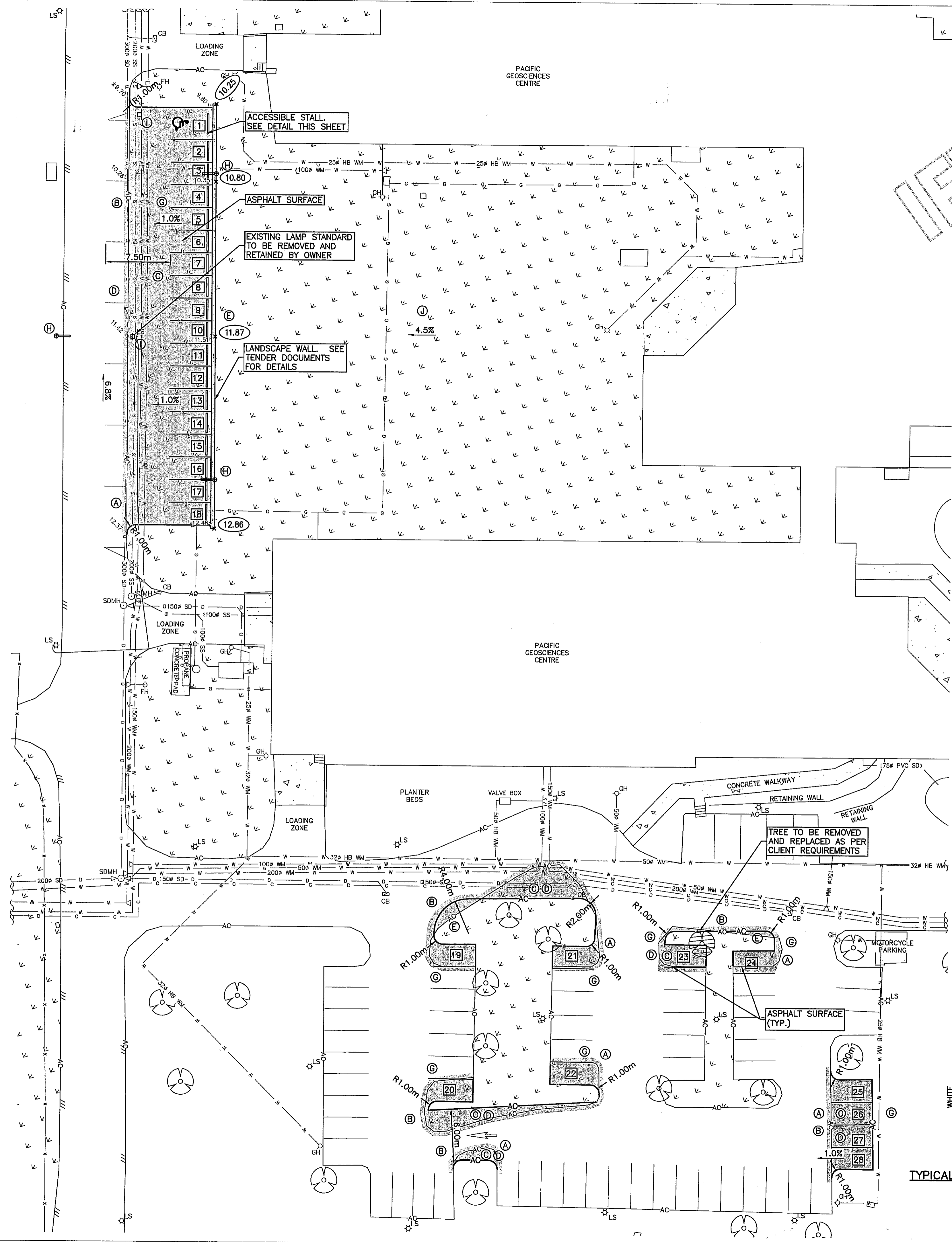
ISSUED FOR TENDER

UPPER PARKING LOTS "B" AND "C"  
CIVIL CONSTRUCTION DRAWINGS  
NORTH SAANICH, BC  
INSTITUTE OF OCEAN SCIENCES



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LOCATION PLAN, KEY PLAN, DRAWING LIST & GENERAL NOTES	
DESIGNED AMB	ENGINEER'S SEAL
DESIGN REVIEW	
DRAFTED SAC	
DRAFTING REVIEW	
PROJECT No. 1184-099	CLIENT DRAWING No.
SCALE H: AS NOTED V: AS NOTED	PERMIT No.
HEL DRAWING No. <b>C100</b>	REVISION 1 OF 2 <b>2</b>

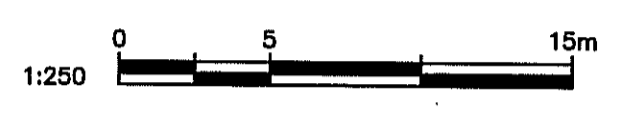


**DETAILED CONSTRUCTION NOTES:**

- FOR GENERAL NOTES SEE DWG. No. C100
- (A) REMOVE AND DISPOSE OF EXISTING ASPHALT CURB, PAINT MARKINGS AND LANDSCAPING. TO BE REMOVED AND DISPOSED OF OFF SITE.
  - (B) APPROXIMATE EXTENT OF SAW CUT JOINT. EXACT LOCATION TO BE DETERMINED IN THE FIELD. MATCH EXISTING GRADE.
  - (C) PAVEMENT RESTORATION AS PER MMCD STD. DWG. No. G5
  - (D) REMOVE EXISTING PAVEMENT MARKINGS. PAVEMENT SURFACE CLEANING AND REMOVAL OF PAVEMENT MARKINGS AS PER MMCD SECTION 32 01 11 REQUIREMENTS.
  - (E) TOPSOIL AND FINISH GRADING AND SEEDING AS PER MMCD
  - (F) INSTALL NEW ASPHALT CURB AS PER DETAIL ON THIS SHEET
  - (G) NEW PARKING STALLS TO BE GRADED AT A MINIMUM OF 1.0% SLOPE TOWARDS THE EXISTING DRIVE AISLE
  - (H) INSTALL NEW LUMINARIES. SEE ELECTRICAL DESIGN DRAWINGS FOR DETAILS. CONCRETE BASES TO BE TYPE B2 AS PER MMCD STD. DWG. No. CE1.2.
  - (I) INSTALL JUNCTION BOX. SEE ELECTRICAL DESIGN DRAWINGS FOR DETAILS.
  - (J) REGRADE EXISTING LANDSCAPED SLOPE TO MATCH PROPOSED TOP OF LANDSCAPE WALL. HEIGHT OF LANDSCAPE WALL TO BE DETERMINED BY CLIENT AND CONTRACTOR.

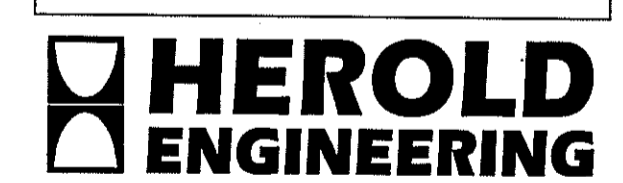
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UPPER PARKING LOTS "B" AND "C"  
CIVIL CONSTRUCTION DRAWINGS

NORTH SAANICH, BC  
INSTITUTE OF OCEAN SCIENCES



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GRADING PLAN

DESIGNED AMB	ENGINEER'S SEAL
DESIGN REVIEW	
DRAFTED	
DRAFTING REVIEW	
PROJECT No. 1184-099	
SCALE H: AS NOTED V: AS NOTED	PERMIT No.
HEL DRAWING No. <b>C200</b>	REVISION 2 OF 2