<table>
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<th>DRAWING LIST</th>
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<td>CONTRACT</td>
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<td>Project No.</td>
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<td>No. 3</td>
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**Canada—British Columbia**

**Fraser River Flood Control 1968 Agreement**

**Project No. 3  The Township of Richmond**

**Contract No. 18B**

**Drainage Discharge Structures**

The Government of the Province of British Columbia
Ministry of the Environment
Water Investigations Branch

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**CBA ENGINEERING LTD**
Consulting Engineers
Vancouver, Canada
LONGITUDINAL SECTION

SECTION A

SECTION B

NOTES
For General Notes see 4186-10-22

SCALE IN FEET 1/19
NOTES
- Install fiber ground electrode and leave both ends in ground through future.
- Install section of embedded electrical conduit and 4799-10-06.
- Per detail of cross section see 4799-10-29.
- Per pile layout see 4799-10-94.

SECTION A
- Per pile layout see 4799-10-36.

SECTION B
- For hole layout see 4799-10-94.

SECTION C
- For hole layout see 4799-10-36.

GENERAL NOTES - STRUCTURAL
- Design is in accordance with CSA A23.2-94 for the Design of Buildings.
- Reinforcement details are in accordance with CSA A23.3-90.
- Per pile layout see 4799-10-36.

CONCRETE FINISHED:
- All areas and base plates shall be cleaned.
- Reinforcement shall be secured to the concrete.
- Beams and slabs shall be troweled smooth.
- Concrete shall be placed in sections of not more than 18 x 18 ft.

OUTLINES:
- All outlines shall be checked by the Engineer.
- For pile layout see 4799-10-94.
NOTES
- For location of works see 4796-16-19

LEGEND
- Property Line
GUARD RAIL NOTES

- Guard rail to be installed in accordance with the Department of B.C. (Columbia Department of Highways) Provision No. 184591 (A)
- All guard rail to be installed on the right side of the road shoulder.
- Note 1: End of guard rail installed on a 90° angle with the pavers at a depth of 15'-4.9" Centers.
- Note 2: End of guard rail installed on a 90° angle with the pavers at a depth of 15'-4.9" Centers.
- Note 3: End of guard rail installed on a 90° angle with the pavers at a depth of 15'-4.9" Centers.
- Note 4: End of guard rail installed on a 90° angle with the pavers at a depth of 15'-4.9" Centers.
- Note 5: End of guard rail installed on a 90° angle with the pavers at a depth of 15'-4.9" Centers.

TYPICAL PAVED ROAD DETAIL

GUARD RAIL GEOMETRY FOR No. 1 ROAD NORTH

GUARD RAIL GEOMETRY FOR No. 2 ROAD NORTH