



- NOTES:**
- Concrete to be Class 'A'
 - Exposed edges to be chamfered 1"
 - A continuous horizontal drainage course of coarse gravel as shown on this drawing to be placed at back of abutments.
 - Abutment footings to be carried down to elevations shown or to such lower elevations as may be ordered by the Engineer.
 - Reinforcing steel to be intermediate grade.
 - Min. cover on reinforcing steel to be 2" except where noted otherwise.
 - Laps of bars for splices to be 40x. Splices to be staggered.
 - Anchor bolt blockouts are to be filled with sand-cement grout by the steelwork erector.
 - Raised bridge seats more than 3" in height to be reinforced as shown.

ESTIMATED QUANTITIES

	Formwork	Reinf Steel	Concrete	12" O.D. Pipe Pile	D	AS Built	KJM/H-175
North Abut.	1100.0 sq ft	2800 lbs	52.0 cu yds.	—	B	Approach curb seat	PB 230472
South Abut.	1100.0 sq ft	2800 lbs	52.0 cu yds.	—	C	Abut. Pile and pier elevs. revised	PB 220472
Pier	1100.0 sq ft	3700 lbs	59.0 cu yds.	12 - 40" O.D.	A	Finished grade elevation lowered 6"	PB 814712
Total	3300.0 sq ft	8300 lbs	163.0 cu yds.	12 - 40" O.D.			

REVISIONS

No.	Description	Date
1	AS Built	
2	Approach curb seat	
3	Abut. Pile and pier elevs. revised	
4	Finished grade elevation lowered 6"	

**BRITISH COLUMBIA DEPARTMENT OF HIGHWAYS
BRIDGE ENGINEERING BRANCH**

**NEW DENVER DISTRICT
VERNON SLOCAN HIGHWAY
NEW DENVER BRIDGE
SUBSTRUCTURE DETAIL**

Scale: 1/4"=1'-0" AND AS NOTED

APPROVED: [Signature]

CHECKED: [Signature]

DRAWN: [Signature]

DRAWING No. 789-10 B

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