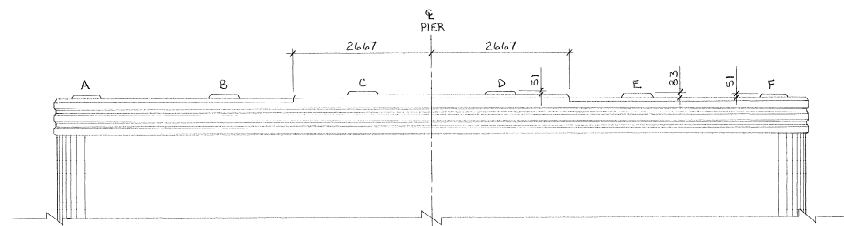
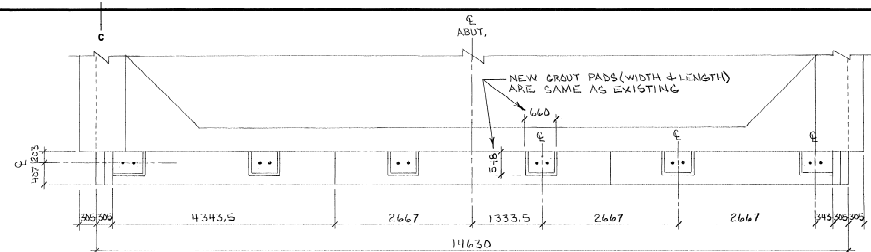


PLAN

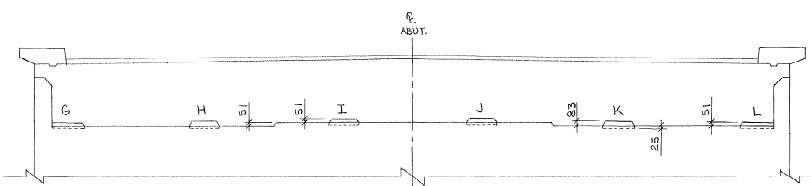


ELEVATION

| | NEW PIER GROUT PAD HEIGHTS | | | | | |
|--------------|----------------------------|-------|-------|-------|-------|-------|
| LOCATION: | A | B | C | D | E | F |
| MIN. HEIGHT: | 104.2 | 136.0 | 104.2 | 104.2 | 136.0 | 104.2 |
| MAX. HEIGHT: | 154.2 | 186.0 | 154.2 | 154.2 | 186.2 | 154.2 |



PLAN



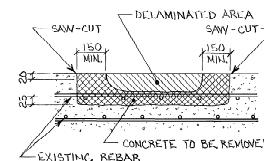
ELEVATION

| | NEW ABUTMENT GROUP PAD HEIGHTS | | | | | |
|--------------|--------------------------------|-------|-------|-------|-------|-------|
| LOCATION: | G | H | I | J | K | L |
| MIN. HEIGHT: | 85.2 | 117.0 | 85.2 | 85.2 | 117.0 | 85.2 |
| MAX. HEIGHT: | 135.2 | 167.0 | 135.2 | 135.2 | 167.0 | 135.2 |

} TYPICAL FOR EAST & WEST ABUTMENTS

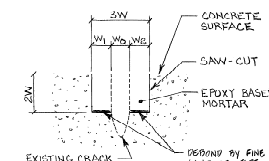
NOTE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED OTHERWISE.

1 GROUT PAD DETAILS FOR PIER & ABUTMENTS 1:50



NOTES:

1. CHECK DELAMINATION TO BE DETERMINED BY CHAIN ENGAGING ALL USIN, SCRAP, HAIL, NAIL, UNIFORM CONCRETE IS REINFORCED BY SCRAP HAIL, NAIL NOT BE CONSIDERED AS DELAMINATION
2. SAW OUT DELAMINATED AREAS WHICH HAVE BEEN MARKED BY ENGINEER.
3. REMOVE DELAMINATED AREAS WHICH HAVE BEEN MARKED BY ENGINEER.
4. AFTER CONCRETE SURFACE IS DRY, USE COMPRESSED AIR TO REMOVE ALL DUST, GRIT AND CONCRETE DEBRIS.
5. APPLY TWO COATINGS OF EPOXY PAINT ON ALL EXPOSED REBAR.
6. FILL THE DELAMINATED VOID WITH REINFORCED CONCRETE AT THE SAME TIME AS THE GENERAL CONCRETE POUR.



NOTES:

1. ASSUME CRACK WIDTH IS .001.
2. FINISH JOINT WIDTH TO W_1 BY SAW-CUT AND CHIP TO A DEPTH OF .25, FOR ENTIRE LENGTH OF CUT.
3. PLACE FINE SAND OR TAPS AT BOTTOM OF W_1 AND W_2 FOR PREDRRESSING.
4. FILL SPACE OF .25X3.5X1/8 WITH EPOXY BAZED MONKIE SUCH AS TAYLORCOT STRENGTHEN FOR SPALLED CONCRETE AND TAYLORCOT TAYLORCOT STRENGTHEN FOR CRACKS USE EPOXY PREPULVANT.

2 CONCRETE DELAMINATION
9 REPAIR DETAIL N.T.S.

3 CONCRETE CRACK
9 REPAIR DETAIL N.T.S.

CLIENT AUTHORIZATION/CONCURRENCE

ENVIRONMENT CANADA - CANADIAN PARKS SERVICE

revisions

date

A detail no.
no. du détail

B location drawing no.
sur dessin no.

C drawing no.
dessin no.

| | |
|---|---------|
| project | project |
| BEAVER RIVER BRIDGE REHABILITATION T.C.H. - km 9.8 Glacier National Park, B.C. | |

AS CONSTRUCTED
GROUT PAD & CONCRETE
REPAIR DETAILS

AA002168

| | | | |
|----------------------|--------------------|------------------------------------|--|
| designed | R. Pichon | compuser | |
| date | MAY 1993 | | |
| drawn | J. M. C. KONE | desseigné | |
| date | MAY 1993 | | |
| realisat | | exécuté | |
| date | | | |
| approved | <i>[Signature]</i> | approved | |
| date | Nov 28/95 | | |
| Tender | <i>[Signature]</i> | Soumissionnaire | |
| PINC Project Manager | | Adjoint instructeur de projets TPC | |
| project number | | no. du projet | |
| | | | |
| | | | |
| drawn no | | no. du dessin | |

drawing no. 9 of 9 no. du dessin