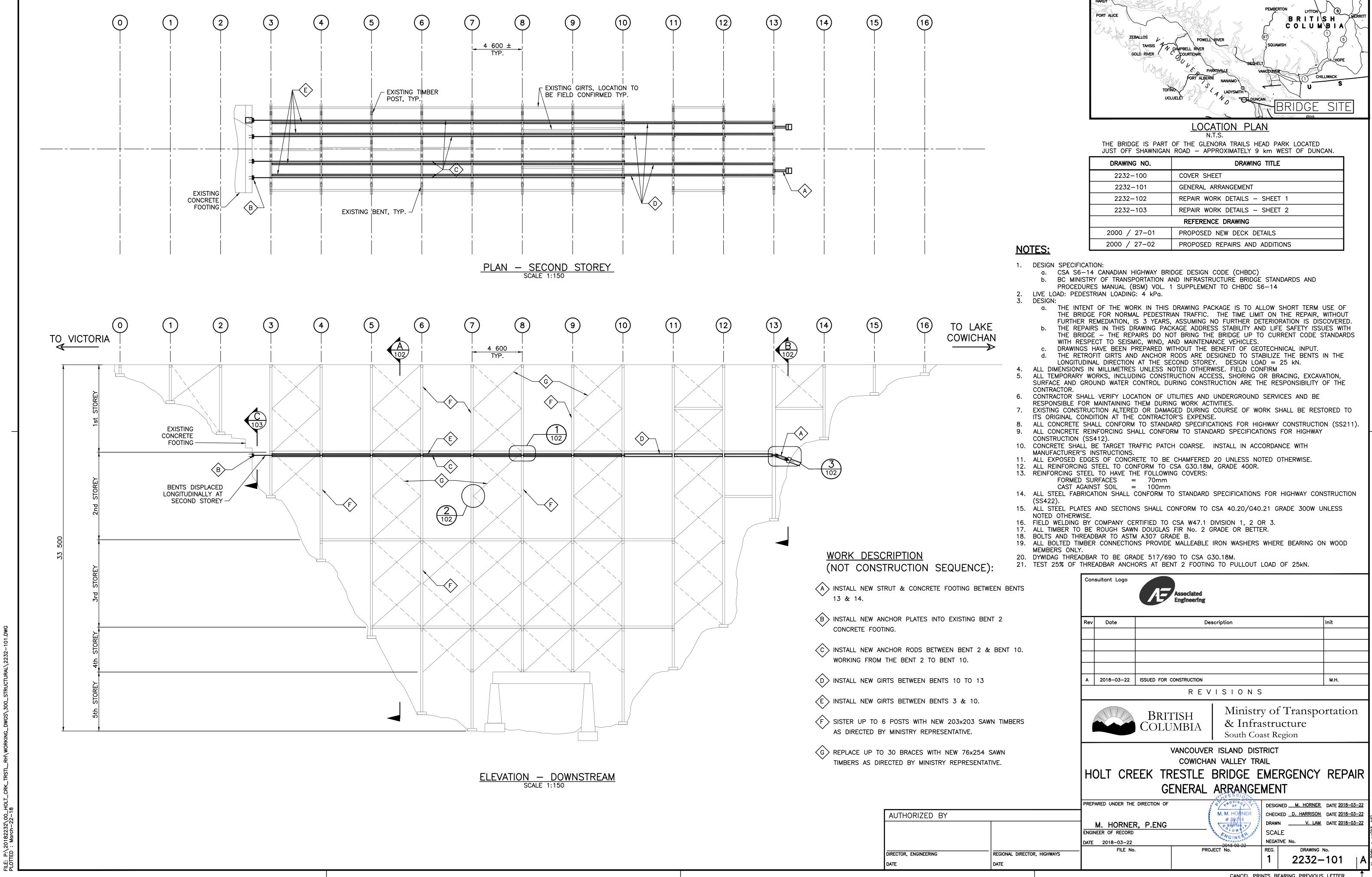
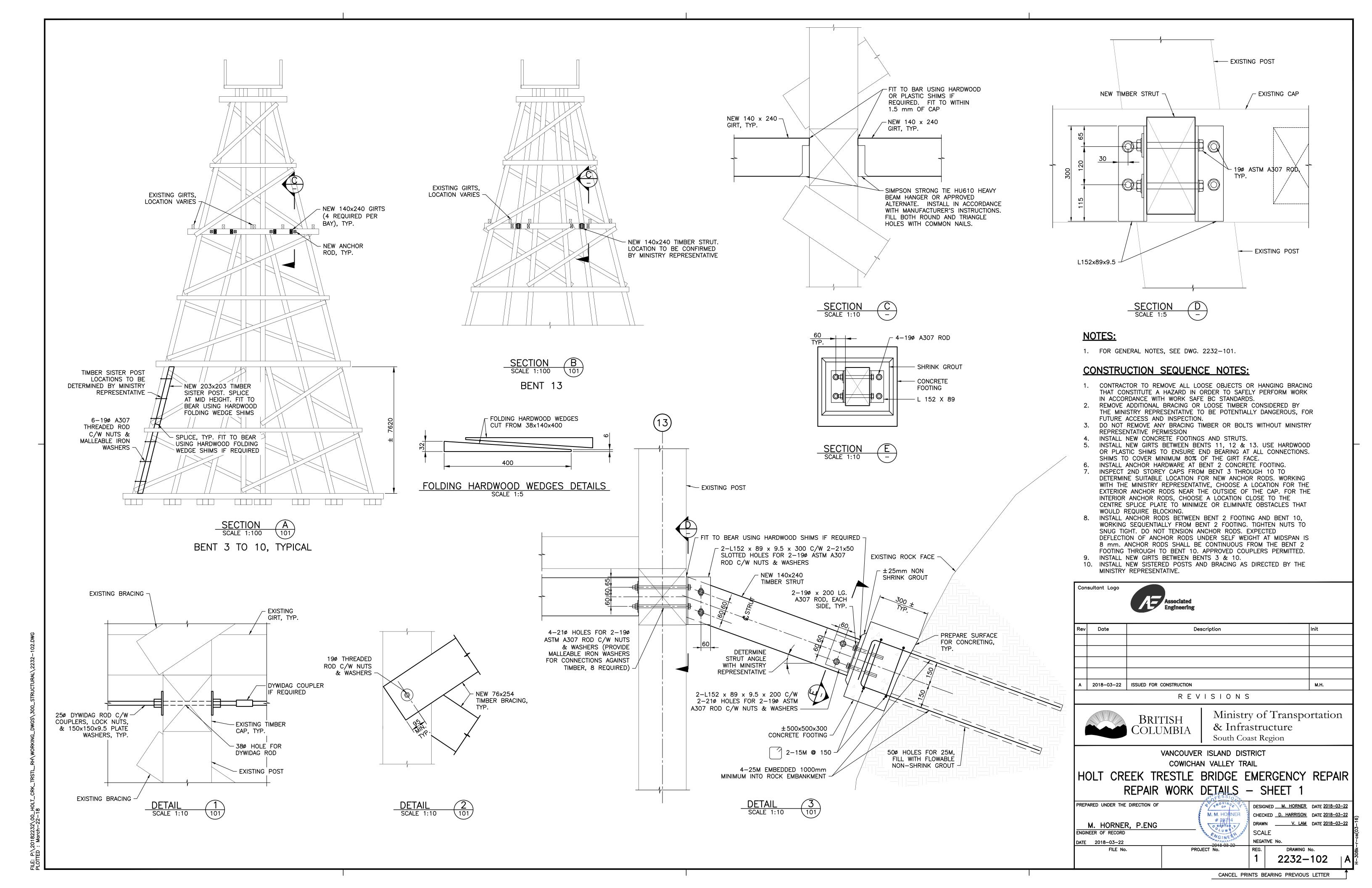
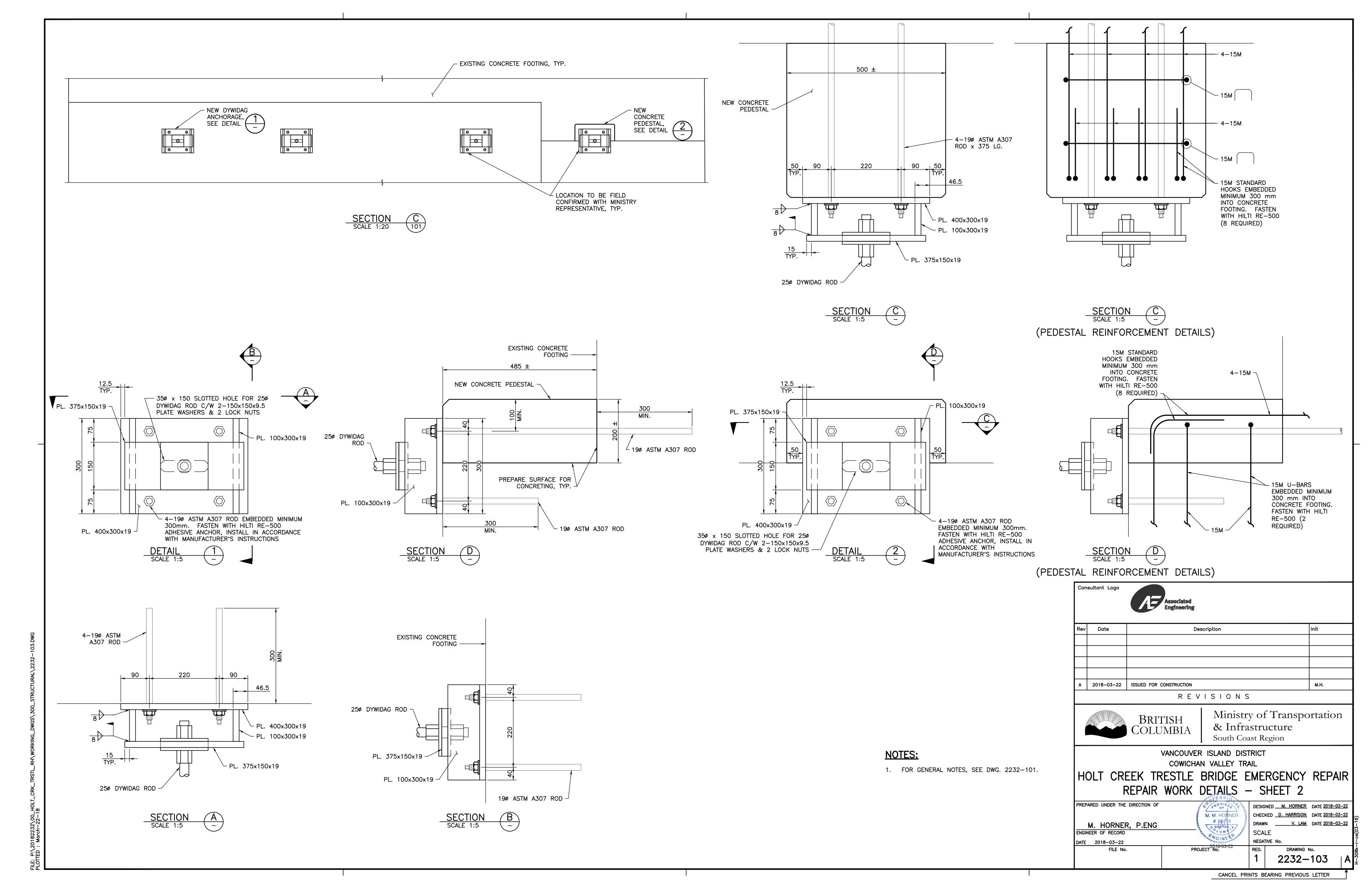


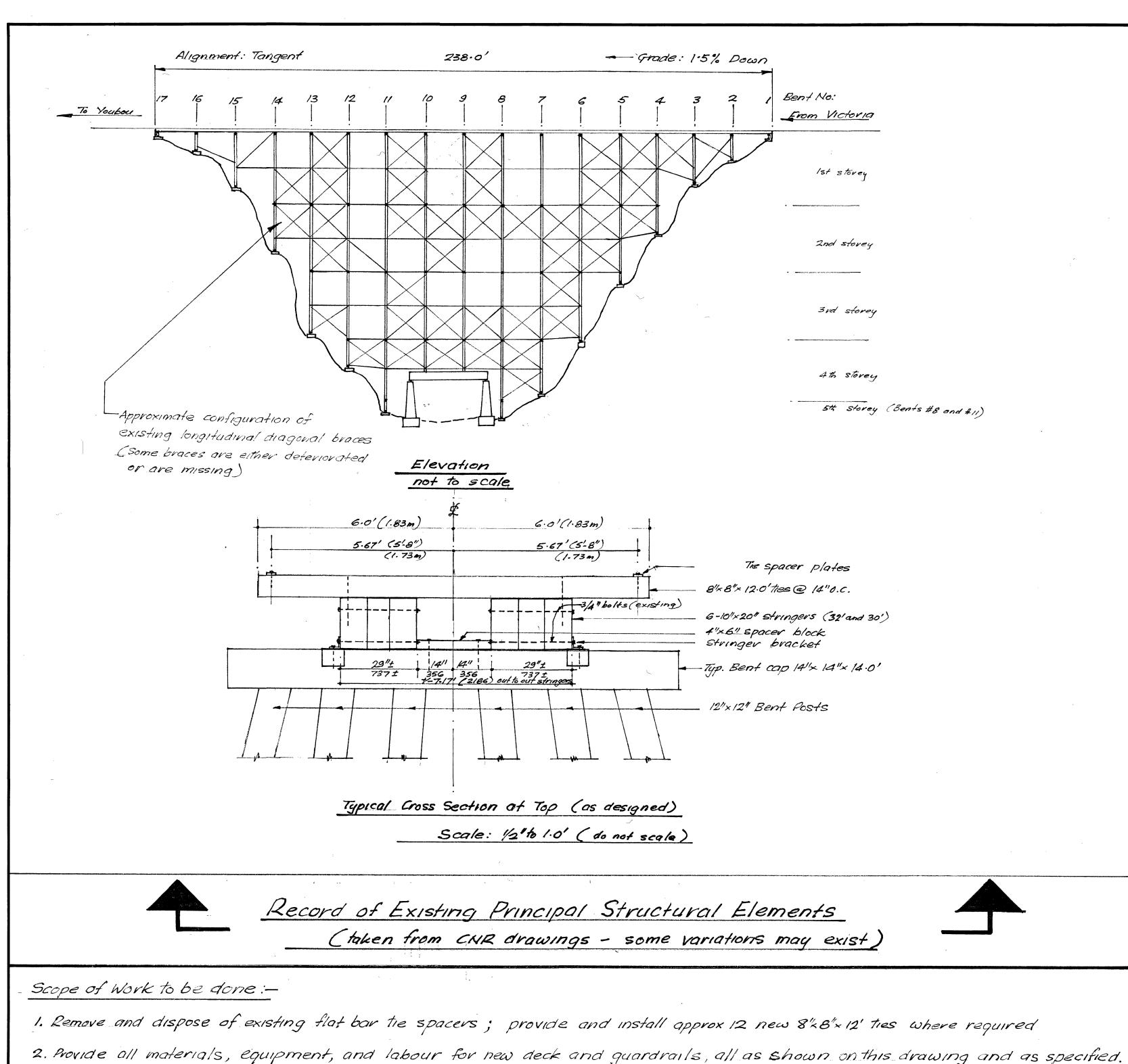
Ministry of Transportation & Infrastructure
Bridge Project
Holt Creek Trestle Bridge - Mile 59.7
Emergency Repair
Cowichan Valley Trail



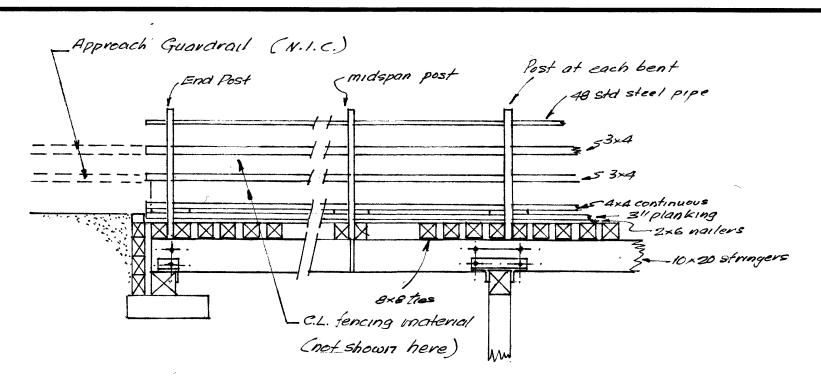
CANCEL PRINTS BEARING PREVIOUS LETTER





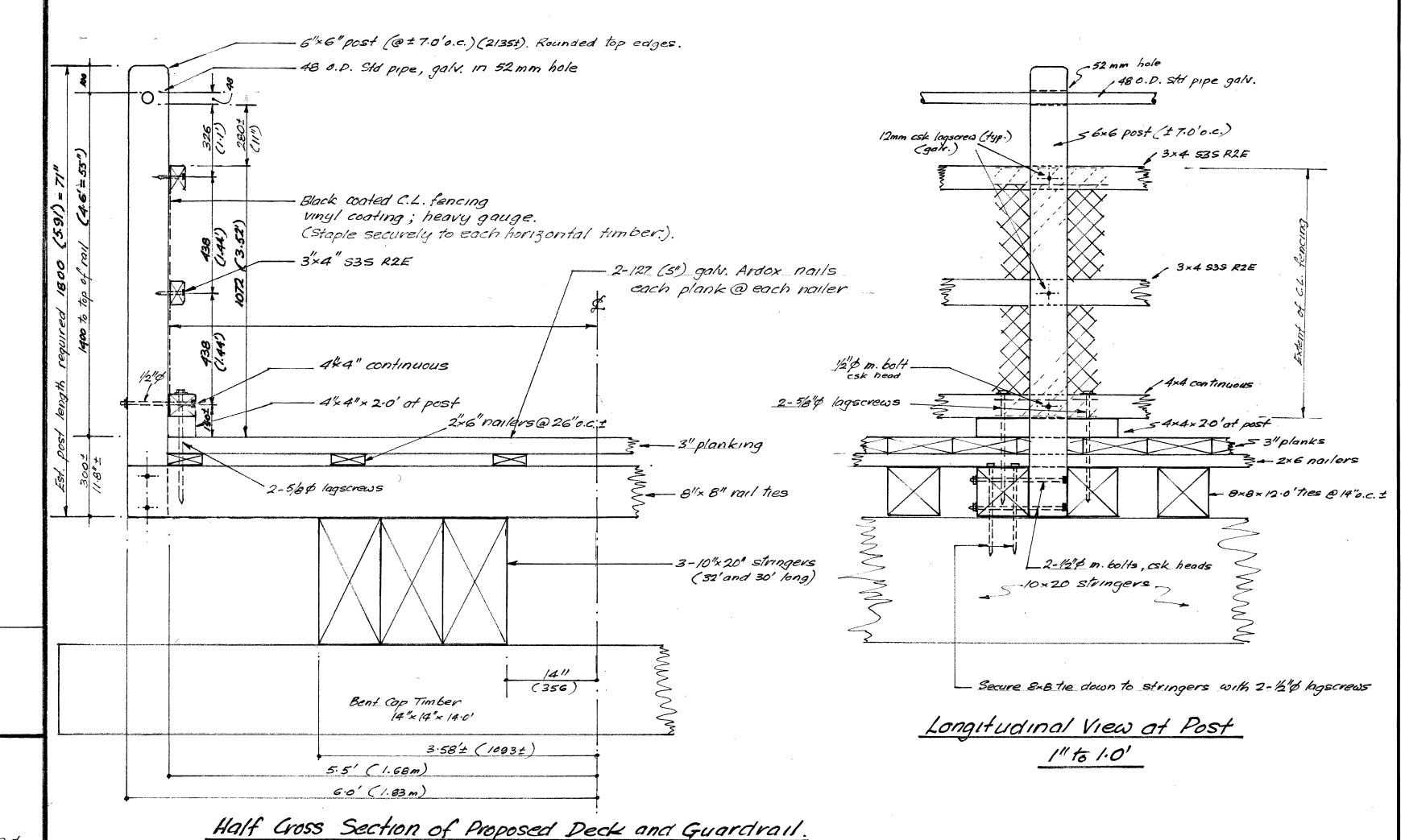


- 3. Repair and replace missing and deteriorated timbers in bent caps, posts, sills, and cross braces as shown on Sheet 02
- 4 Replace missing or deteriorated longitudinal diagonals, struts, and girts, as shown on Sheet 02 (Drawing No 2000/27-02).
- 5 Replace deteriorated mudsills, as noted on Sheet 02; approx. quantity: 30 pcs. 12"x 12" x 4.0'
- .6. Reconstruct bent support and foundation, Bent # 5, as detailed on this sheet and Sheet 02.
- 7. Add new levelling strips (6"x6"x 12.0') on top of end bulkheads; reconstruct decking and guardrails two barrel stands.
- 8. New approach guardvails required at each end, both sides.
- 9. Clear and grub right of way for 3.0 m beyond the feet of bent towers, both sides. Approved disposal of debris.
- 10. Do other repairs, discovered as work proceeds, as called for by the Engineer (extra work item).



Typical Longitudina! Detail Do not scale

11 to 1.0'



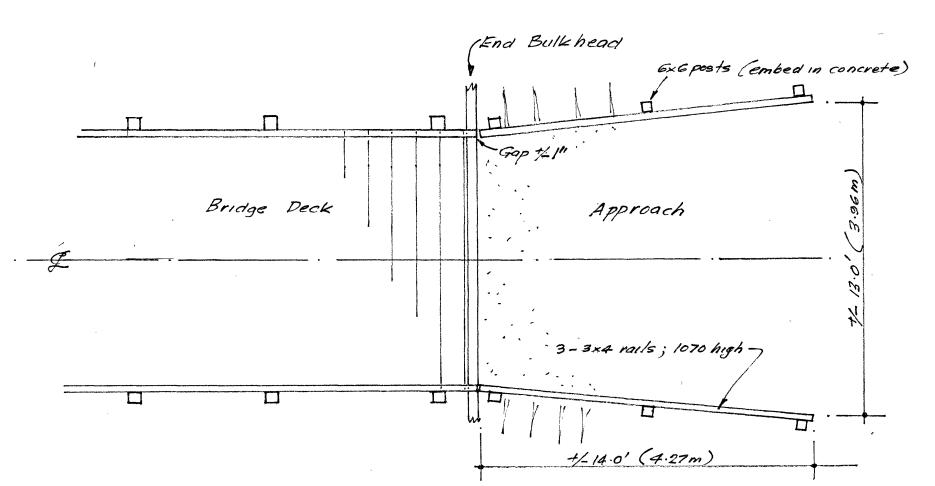
Specifications:-

- 1. New timber to be Douglas Fir Group A No2 or better, "Joist & Plank", to CSA 086 current edition; except: Guardrail stringers may be Hem Fir, Group B, No2 or better; walkway material may be group B, Nol, Common.
- 2. All new wood to be pressure treated to CSA-080-M with a minimum overage net retention of ACA (or CCA) of 5.6 kg/m3, determined by assay.
- 3. Wherever possible, ensure that all wood is pre-cut and/or pre-drilled prior to treatment. Swab necessary field cuts with preservative.
- 4. Use galvanized Ardox nails for planks, two nails each plank at each 2×6 nailing strip. All bolts and lagscrews to be galvanized.
- 5. Adhere to all requirements environmental and regulatory agencies, and follow WCB requirements for bridge and other construction.
- 6. Concrete to be in accordance with CSA A23, current edition, 3000 psi 28 days. Foundation to Engineer's satisfaction.

Details of Proposed New Work

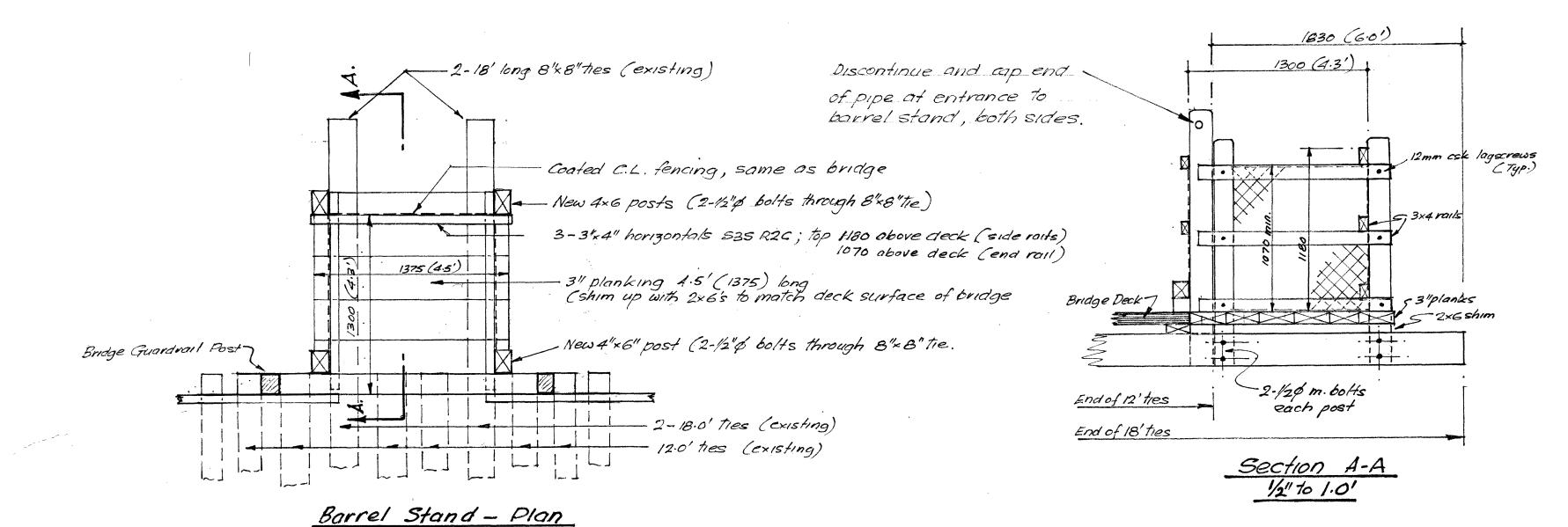
FIGURE 2 Province of British Columbia - L.U.C.O. SCALE: QS Shown

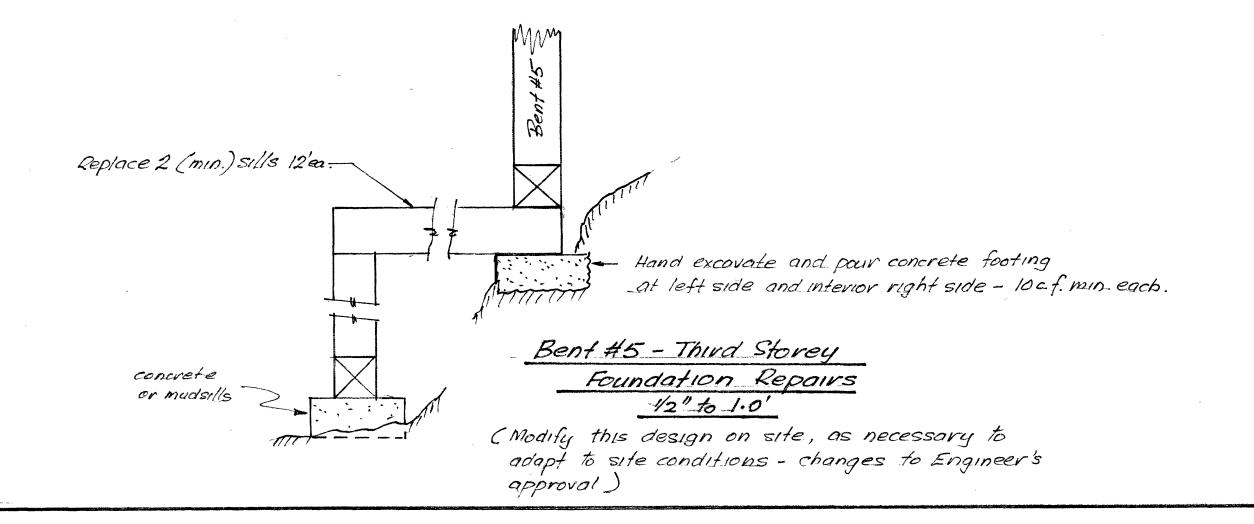
DATE: 28 June 2000 CNR Cowichan Subdiv. + Holf Creek Trestle-Mile 59-7 MARTIN HOLDEN & ASSOCIATES, Consulting Engineers, 2000/27-0/ PH6-2277 OAK BAY AVENUE, VICTORIA, B.C., V8R 1G6. Proposed New Deck Details

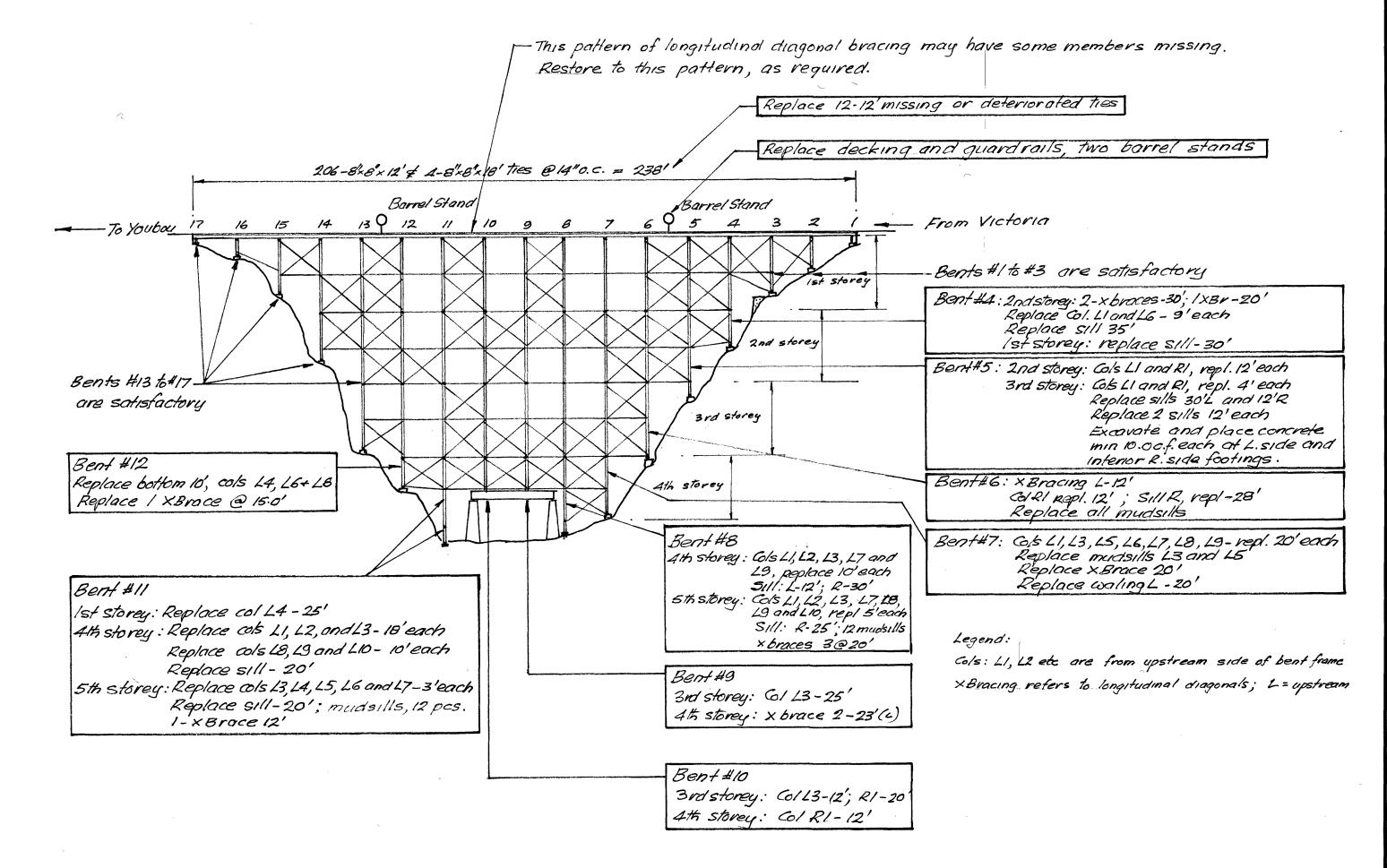


Plan View of Approach Guardrail Flair

1/2" to 1.0'







Notes:

- 1. Bent #8 has a 5th storey ± 5.0' high; Bent #11 has a 5th storey ± 3.0' high.
- 2. The actual pattern of existing longitudinal x Bracing may be different from above diagram. Restore to above pattern.
- 3. Member sizes for replacements (nom.):- Columns 12"x12"; sills 12"x12"; walers 2-3"x10"; x braces 3"x10"; struts 6"x10"; long. diags 3"x10"; ties 8"x8"x12" x4'
- 4. See Sheet OI (Drawing No 2000/27-01) for specifications, and details of new deck and guardrails.
- 5. Construct approach guardrails to suit site; use design shown here as a guide (not in contract).
- 6. Work in river flood plain (Bents 7, 8 and 11) to be done with special care for environmental requirements
- 7. Secure chainlink fence material to each longitudinal guardrail timber by at least three staple nails,
- 8. Cap ends of guardrail top pipe.

FIGURE 3	Province of British Columbia - L.U. C.O.
A COUNTY OF THE PARTY OF THE PA	SCALE: 25 5 60 W 1 APPROVED BY DRAWN BY MARKET BOTTOM PER . REVISED
MARTIN HOLDEN & ASSOCIATES, Consulting Engineers PH6-2277 OAK BAY AVENUE, VICTORIA, B.C., V8R 1G6. TEL: (250) 592 3639; FAX: (250) 592 3641.	CNR Cowichan Subdiv Holf Creek Trestle - Mile 59.7
	Proposed Repairs and Additions 2000/27-02