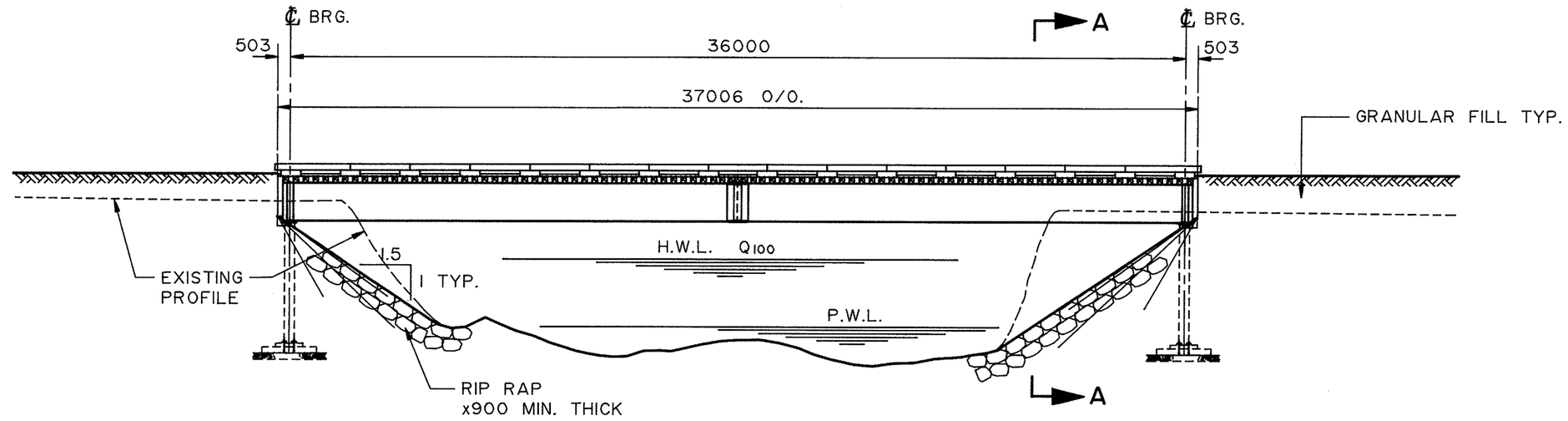
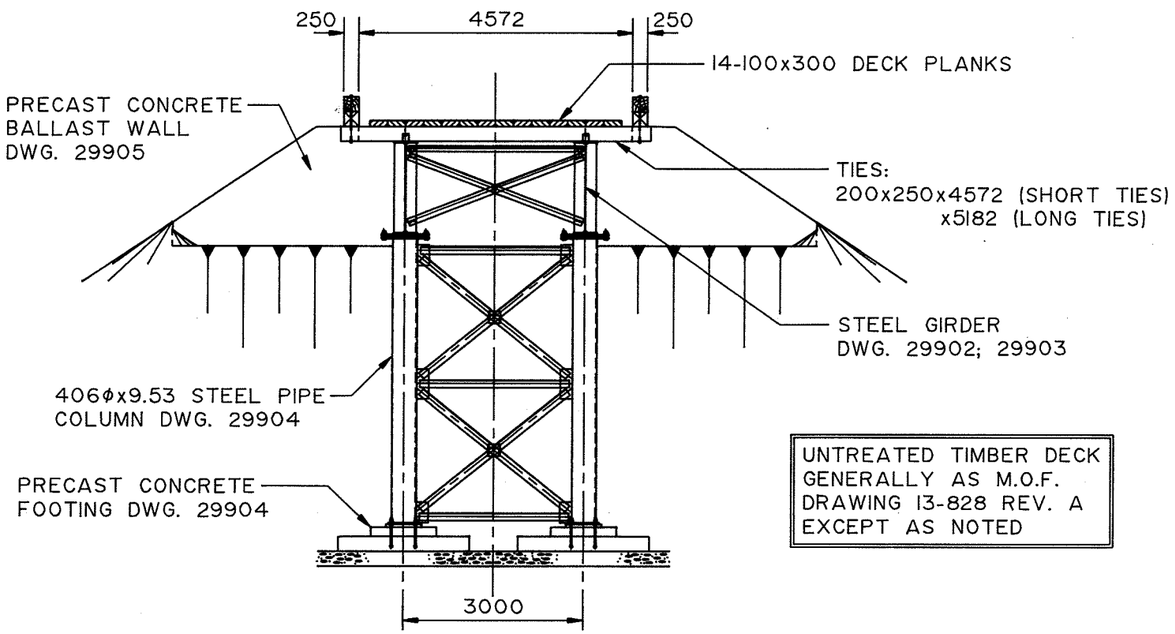


ELEVATION
1:200



UNTREATED TIMBER DECK GENERALLY AS M.O.F. DRAWING 13-828 REV. A EXCEPT AS NOTED

A - A
1:100

NOTES:

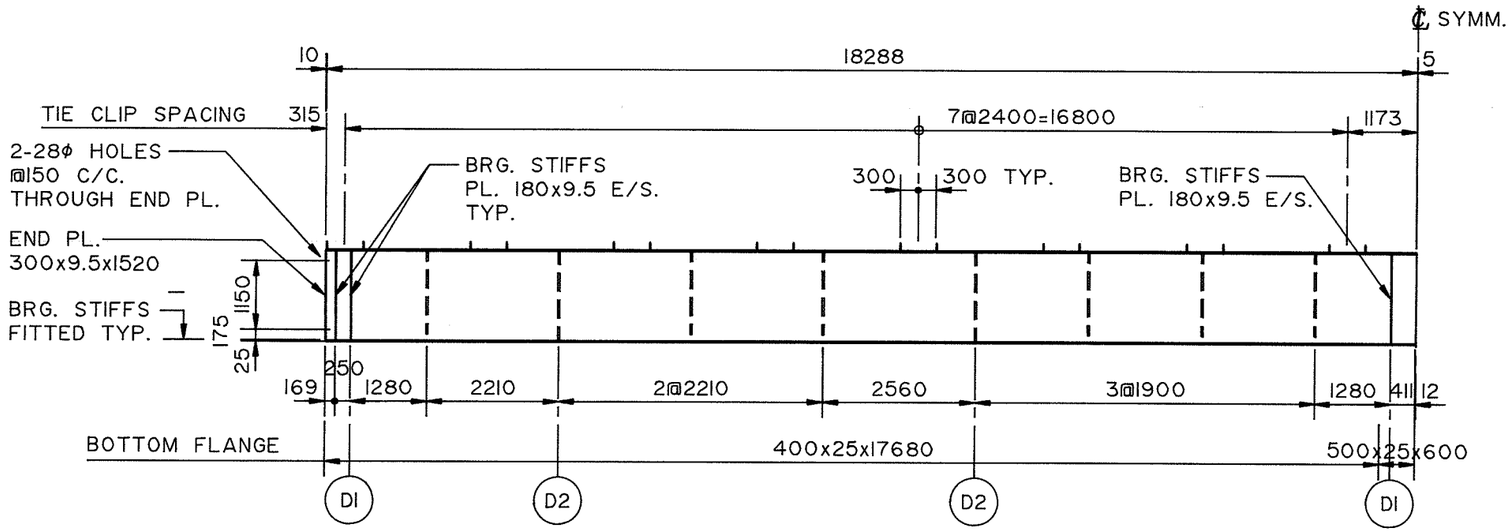
1. DESIGN: CAN/CSA S6 88
2. LOADING: SUPERSTRUCTURE:
   (1) 36m SPAN: BCFS L45 e=400, DIST.=60/40
   (2) 2-18m SPANS: BCFS L75 e=400, DIST.=60/40
   SUBSTRUCTURE:
   BCFS L150 e=400, DIST.=60/40
3. FATIGUE: 500,000 CYCLES MAX. LOADING
4. STEEL: CSA G40.21M GRADE 350 AT CAT. 3 (PLATE)
   GRADE 350A (SECTIONS)
   GRADE 300W (SUBSTRUCTURE)
5. PIPE: ASTM A252 GRADE 2
6. WELDING: CSA W59 6 F.W. U/N. X-RAY TENSION FLANGE BUTT WELDS
7. BOLTS: ASTM A325 TYPE 3 M22 U/N. JOB INSPECTION TORQUE 810Nm
8. CONCRETE: CAN A23.1 30MPa AT 28 DAYS
9. REINFORCING: CSA G30.12M GRADE 400

MINISTRY OF FORESTS

ASSOCIATED ENGINEERING

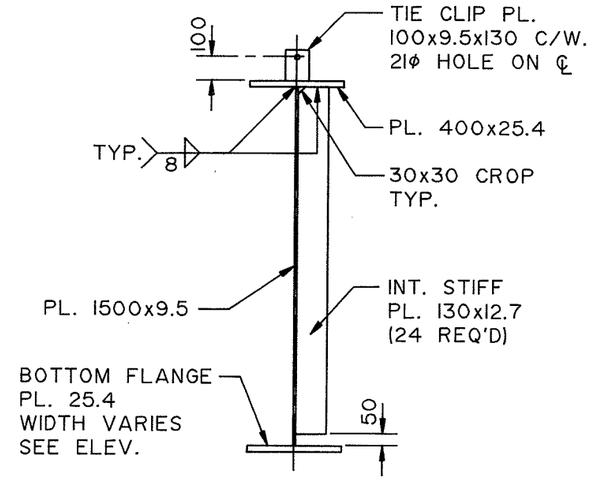
CHEHALIS RIVER BRIDGE AT 32.9Km
GENERAL ARRANGEMENT

APPROVED D.I.H.	SCALE AS NOTED
DATE DEC. 1991	DWG No VX16-SK-29901
JOB No VX16	



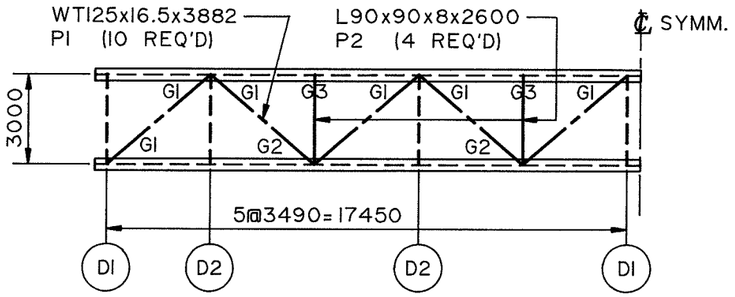
1/2 GIRDER ELEVATION

1:100



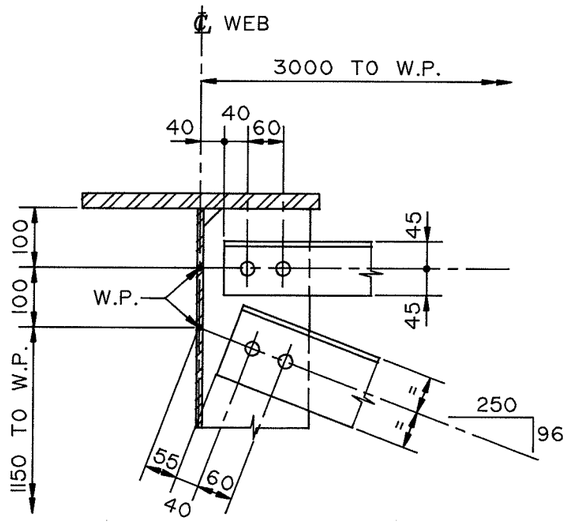
TYP. GIRDER SECTION

1:25



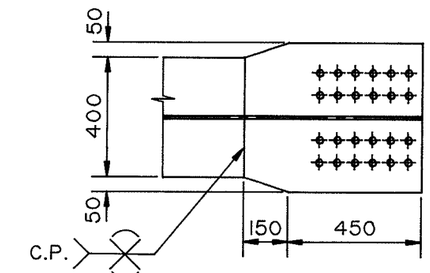
1/2 PLAN ON GIRDERS

1:200



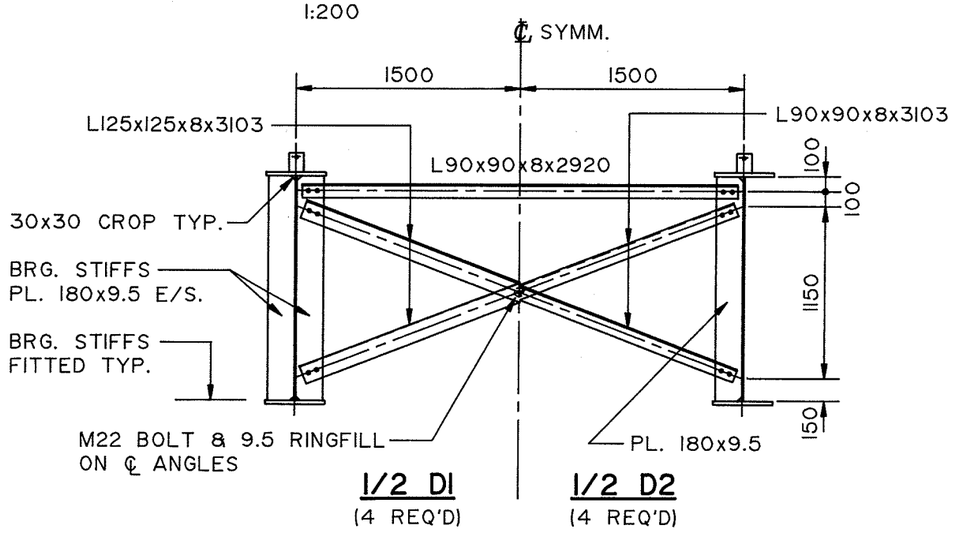
DIAPHRAGM CONN. DETAIL

1:10



BOTTOM FLANGE TAPER DETAIL

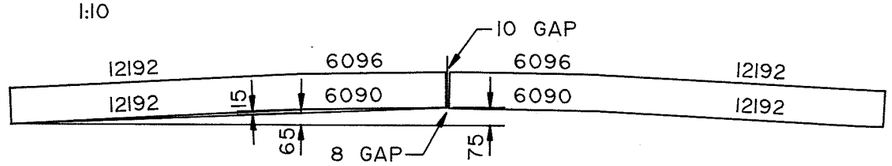
1:20



1/2 DI (4 REQ'D) 1/2 D2 (4 REQ'D)

DIAPHRAGM DETAILS

1:40



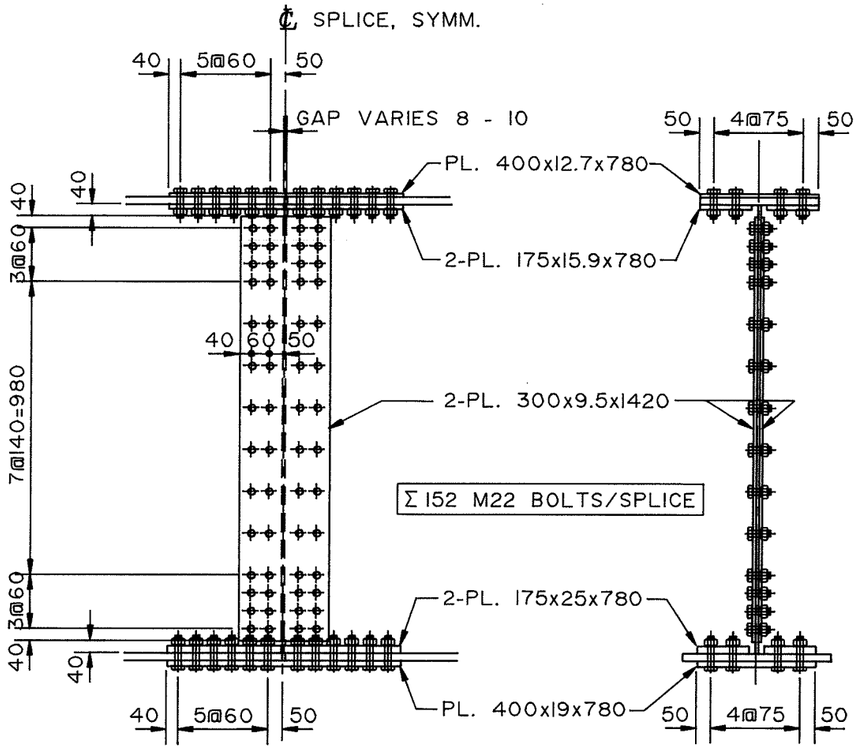
PRECAMBER DIAGRAM

N.T.S.

MINISTRY OF FORESTS

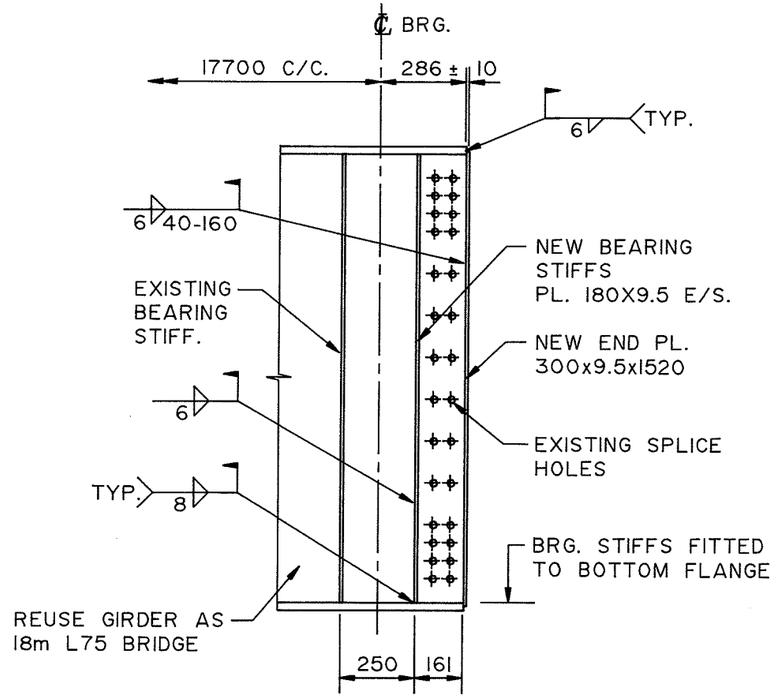
ASSOCIATED ENGINEERING

CHEHALIS RIVER BRIDGE AT 32.9Km STEEL GIRDER SHT. 1	
APPROVED D.I.H.	SCALE AS NOTED
DATE DEC. 1991	DWG No VX16-SK-29902
JOB No VX16	



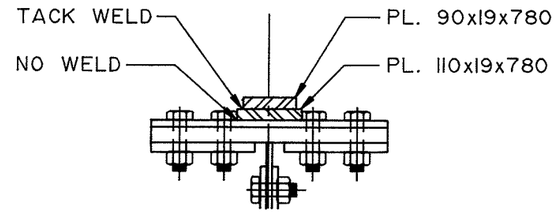
SPLICE DETAIL

1:20 (2 REQ'D)



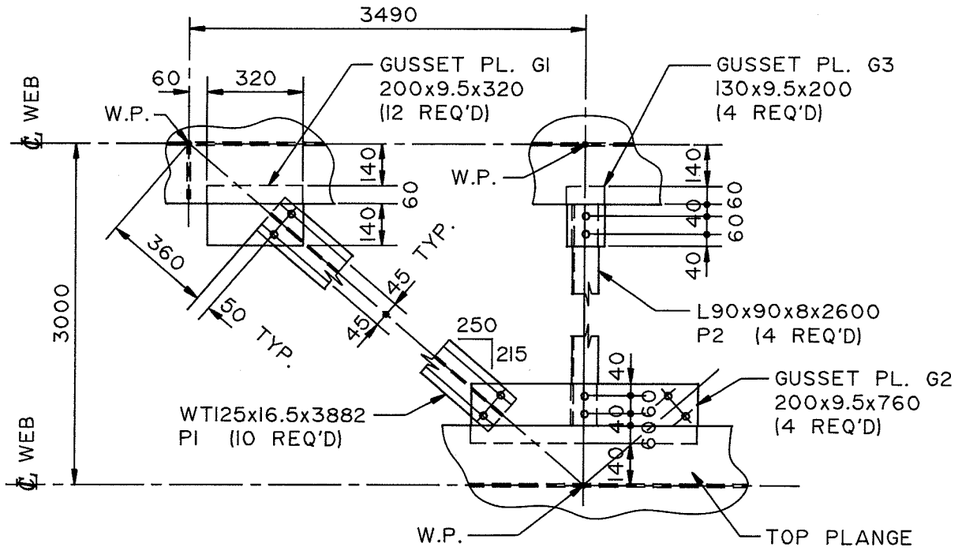
FUTURE FIELD MODIFICATIONS TO GIRDERS AT SPLICE

1:20



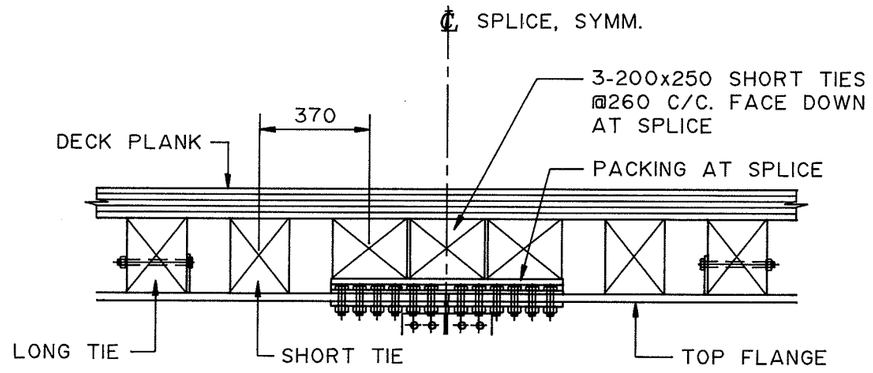
PACKING AT SPLICE

1:10



TOP CHORD PLAN BRACING DETAILS

1:20



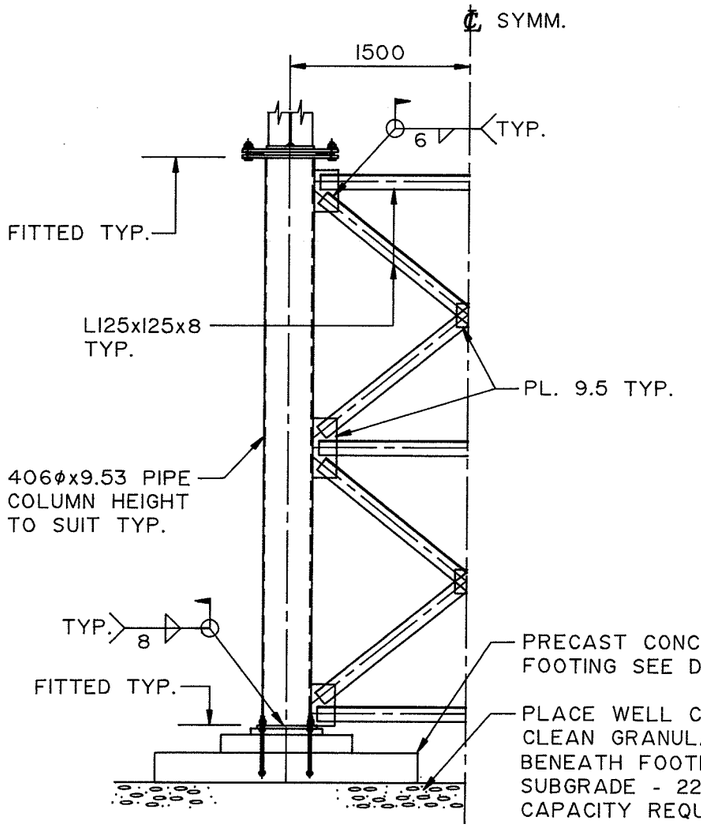
DECK DETAIL AT SPLICE

1:20

MINISTRY OF FORESTS

ASSOCIATED ENGINEERING

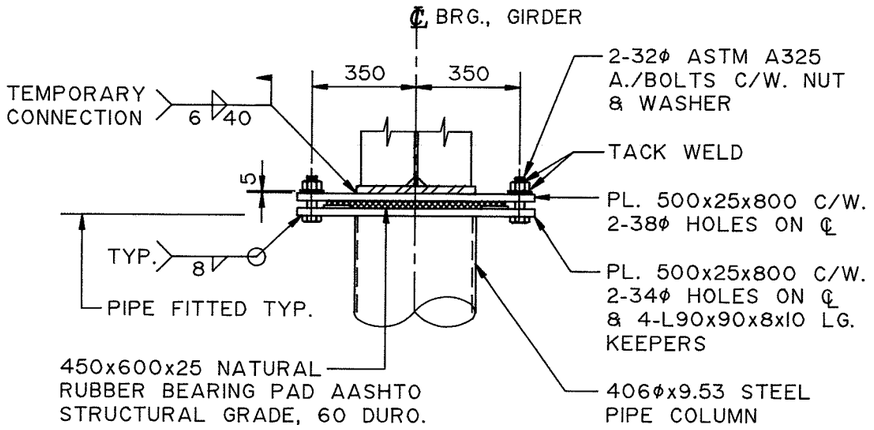
CHEHALIS RIVER BRIDGE AT 32.9Km STEEL GIRDER SHT. 2	
APPROVED D.I.H.	SCALE AS NOTED
DATE DEC. 1991	DWG No VX16-SK-29903
JOB No VX16	



FIELD COAT STEEL SUBSTRUCTURE WITH ONE COAT BITUMINOUS PAINT

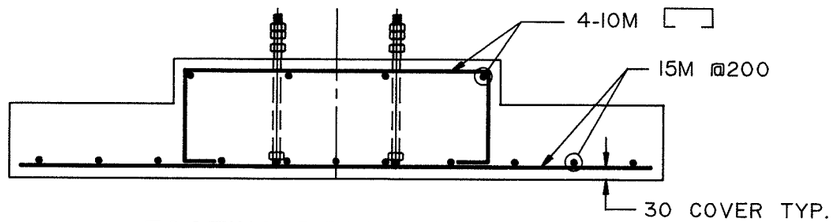
1/2 ABUTMENT ELEVATION

1:50



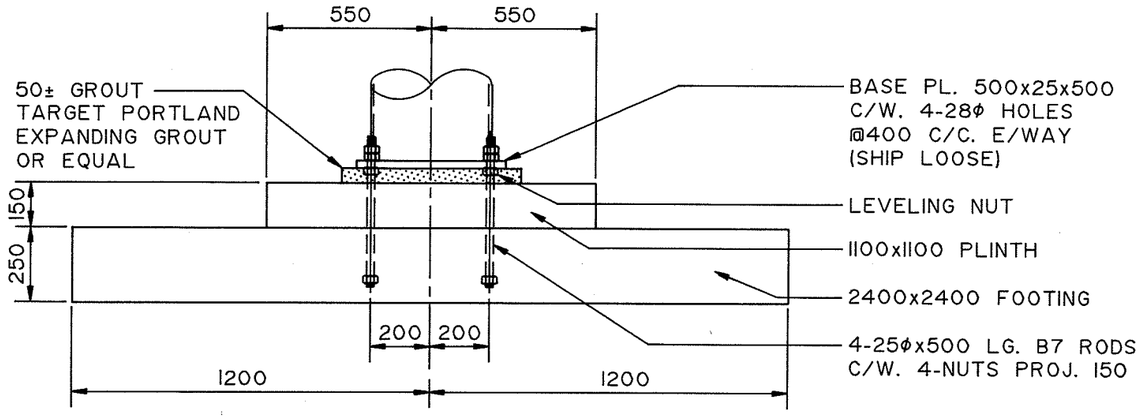
BEARING DETAILS

1:20 (4 REQ'D)



FOOTING REINF. DETAIL

1:20



PRECAST CONCRETE FOOTING DETAIL

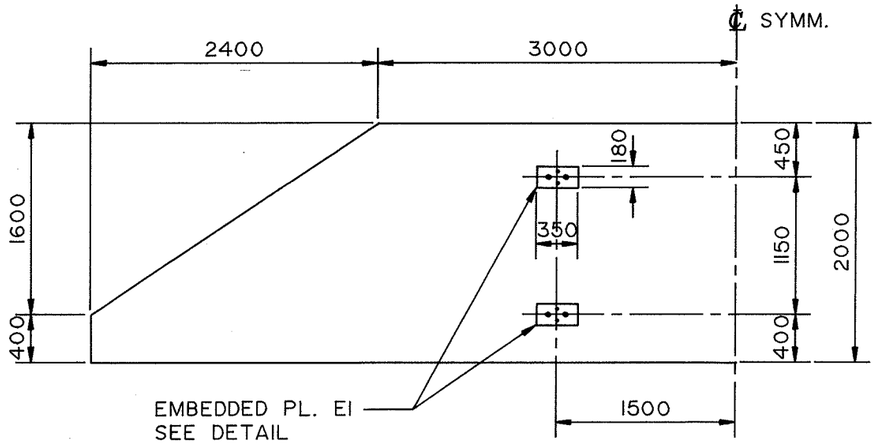
1:20 (4 REQ'D)

MINISTRY OF FORESTS

ASSOCIATED ENGINEERING

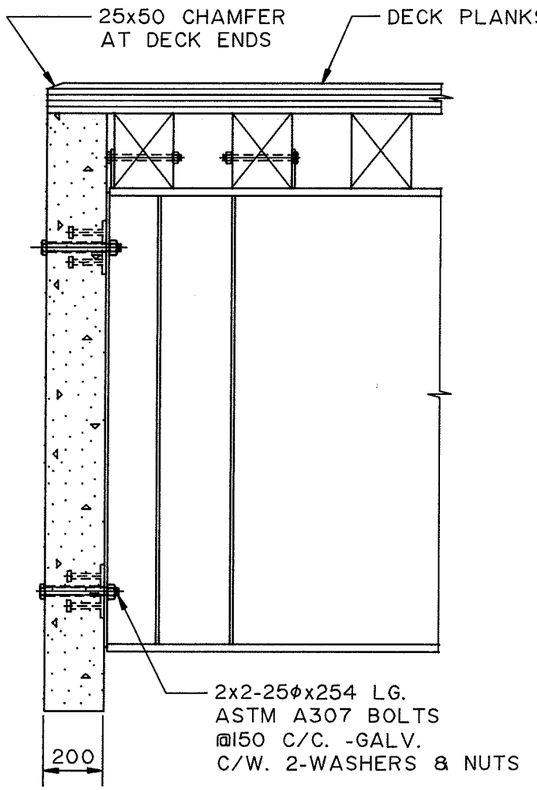
CHEHALIS RIVER BRIDGE AT 32.9Km
ABUTMENTS

APPROVED D.I.H.	SCALE AS NOTED
DATE DEC. 1991	DWG No VX16-SK-29904
JOB No VX16	



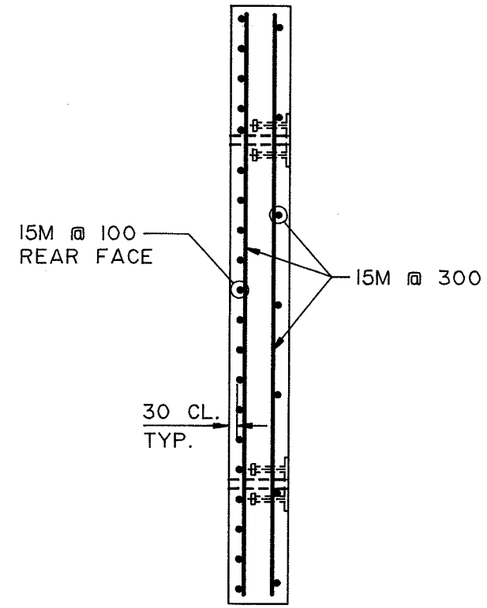
1/2 ELEVATION OF BALLAST WALL

1:50 (2 REQ'D)



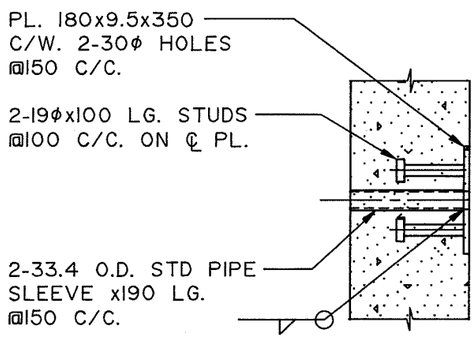
BALLAST WALL CONN. DETAIL

1:20



BALLAST WALL REINF. DETAIL

1:20



EMBEDDED PLATE EI

1:10 (8 REQ'D)

MINISTRY OF FORESTS

ASSOCIATED ENGINEERING

CHEHALIS RIVER BRIDGE AT 32.9Km
CONCRETE BALLAST WALL

APPROVED D.I.H.	SCALE AS NOTED
DATE DEC. 1991	DWG No VX16-SK-29905
JOB No VX16	