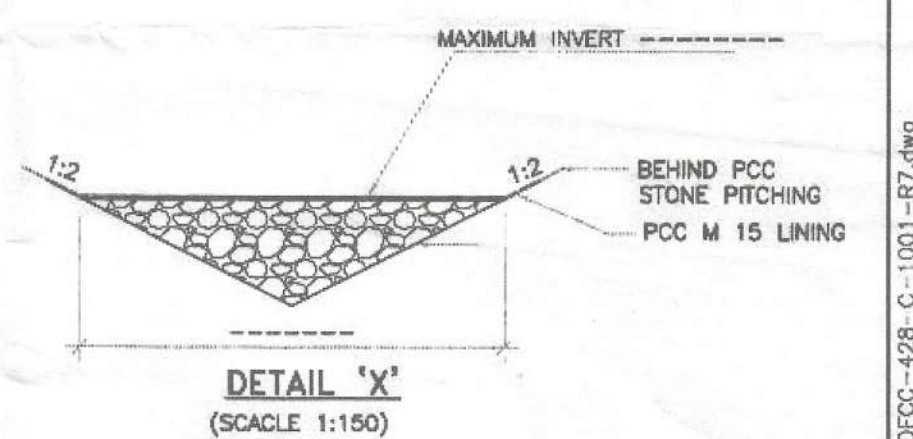
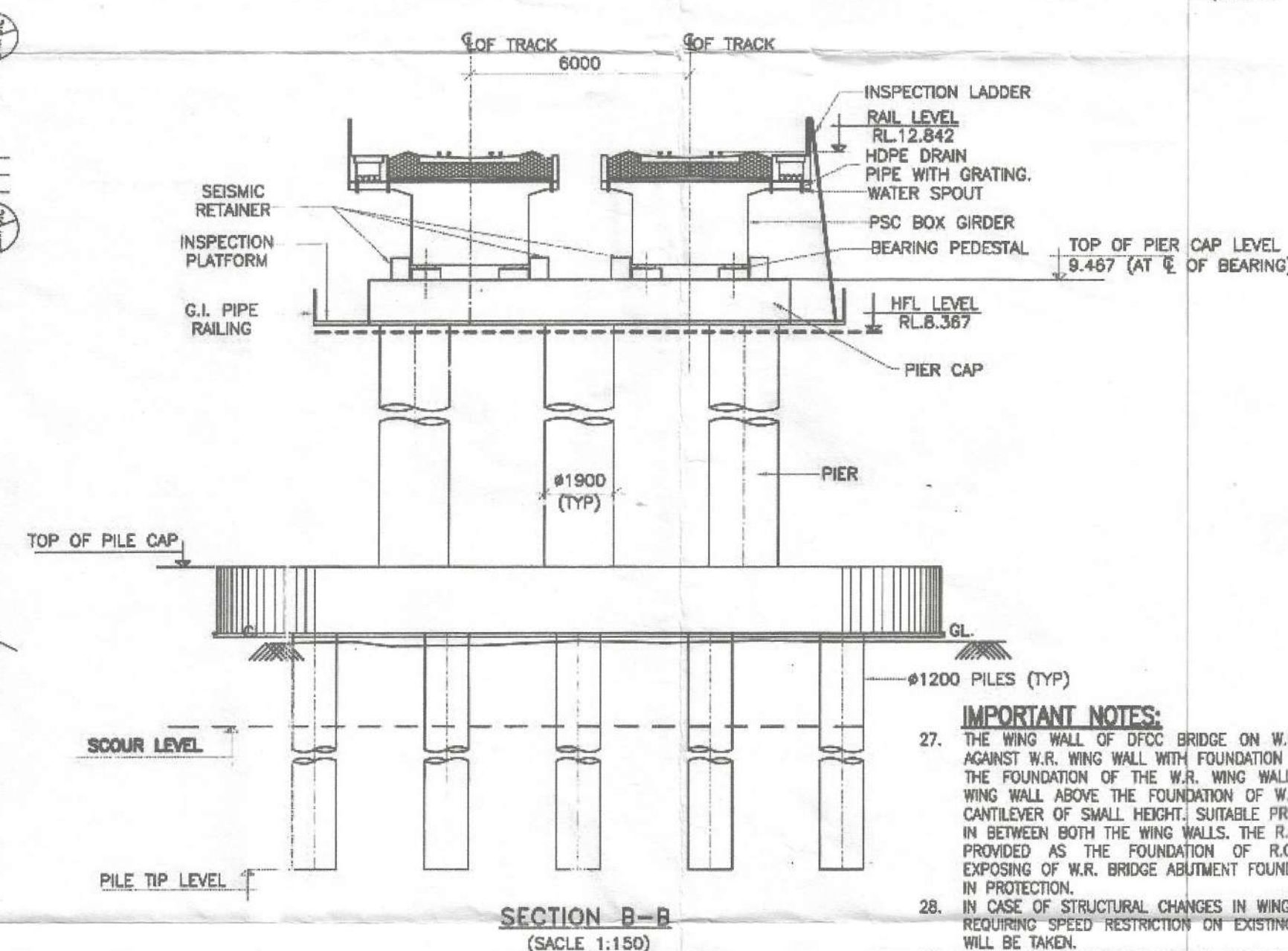
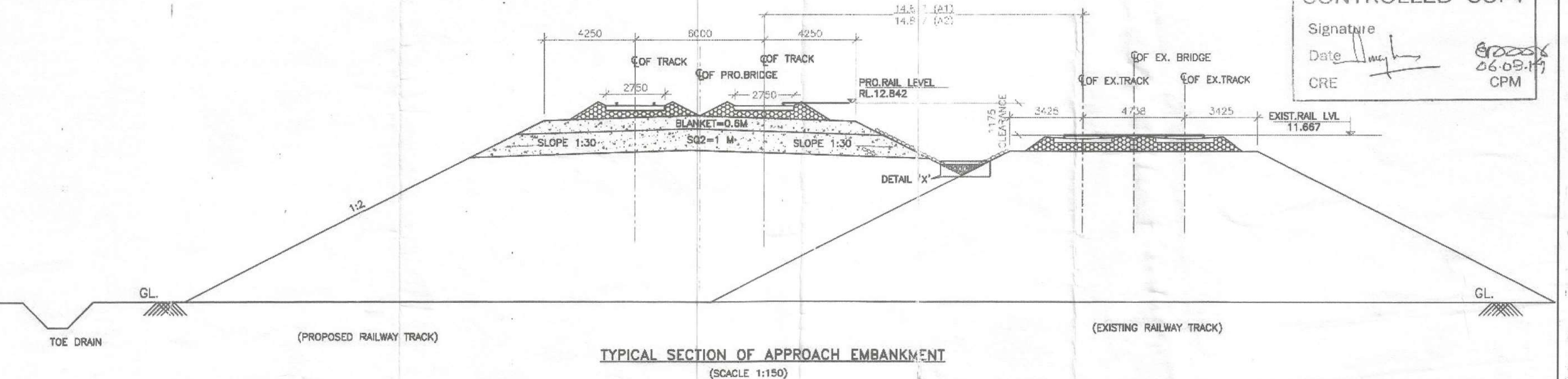


428/645/66 R7
CONTROLLED COPY
Signature _____
Date May 1979
CRE _____ CPM
06-09-1979

LONGITUDINAL ELEVATION A-A
(SCALE 1:300)



THE LEVELS ARE CORRECTED AS PER SURVEY PLAN RECEIVED FROM
SMA - DRG: S0MA-DFC0-428-020

- * BASIC RAIL LEVEL ON EXISTING BRIDGE -UP TRACK - AT ABUTMENT A1 -11.687m
- * EXISTING RAIL LEVEL TO HFL - 3.3m
- * PROPOSED RAIL LEVEL -12.842m
- * CLEARANCE ABOVE HFL - 1.5m
- * DISCHARGE - 692 m³/SEC
- * EXISTING BRIDGE SOFFIT LVL - 9.578m
- * EXISTING BRIDGE DANGER LVL - 8.778m

DESIGN CRITERIA :

- 1. I.R.S. BRIDGE RULES
- 2. I.R.S. CONCRETE BRIDGE CODE.
- 3. I.R.S. BRIDGE SUB-STRUCTURE AND FOUNDATION CODE.
- 4. I.R.S. SCHEDULE OF DIMENSIONS FOR DEDICATED FREIGHT CORRIDOR.
- 5. MANUAL ON THE DESIGN AND CONSTRUCTION OF WELL AND PILE FOUNDATIONS.
- 6. LOADING STANDARDS: DFCC LOADING 2007
- 7. I.R.S. BRIDGE MANUAL.

G.	SR. DEN (N). W. RLY. BCT.	DY. CE (D). W. RLY. CCG.	CBE, W. RLY. CCG.

CLIENT: **DEDICATED FREIGHT CORRIDOR CORPORATION
OF INDIA LTD.**

ECT :	WESTERN FREIGHT CORRIDOR : MAJOR BRIDGES BETWEEN VAITARNA AND UTRAN ON VASAI - BHARUCH SECTION	L
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BRIDGE NO. - 193 OF SURAT UNIT (EXISTING BRIDGE NO.428)

ING TITLE : **GENERAL ARRANGEMENT DRAWING OF BRIDGE OF 2X19.800m
PSC BOX GIRDER BRIDGE**

SOMA-DFCC-428-C-1001	REV. 7	SCALE : AS SHOWN	STATUS : APPROVAL
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USER: KAMAL	P/SCALE: 1:1 (A1)	UPDATE: 13/08/2012
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10/20/17 10:00 AM 1/10/2017 10:00 AM 1/10/2017 10:00 AM 1/10/2017 10:00 AM 1/10/2017 10:00 AM

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