GOVERNMENT OF KHYBER PAKHTUNKHWA DIRECTORATE GENERAL SMALL DAMS IRRIGATION DEPARTMENT



BIDDING DOCUMENTS

CHAMAK MAIRA DAM PROJECT DISTRICT ABBOTTABAD



BID DRAWINGS

May 2021

Volume - II





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CHAMAK MAIRA DAM PROJECT DISTRICT ABBOTTABAD



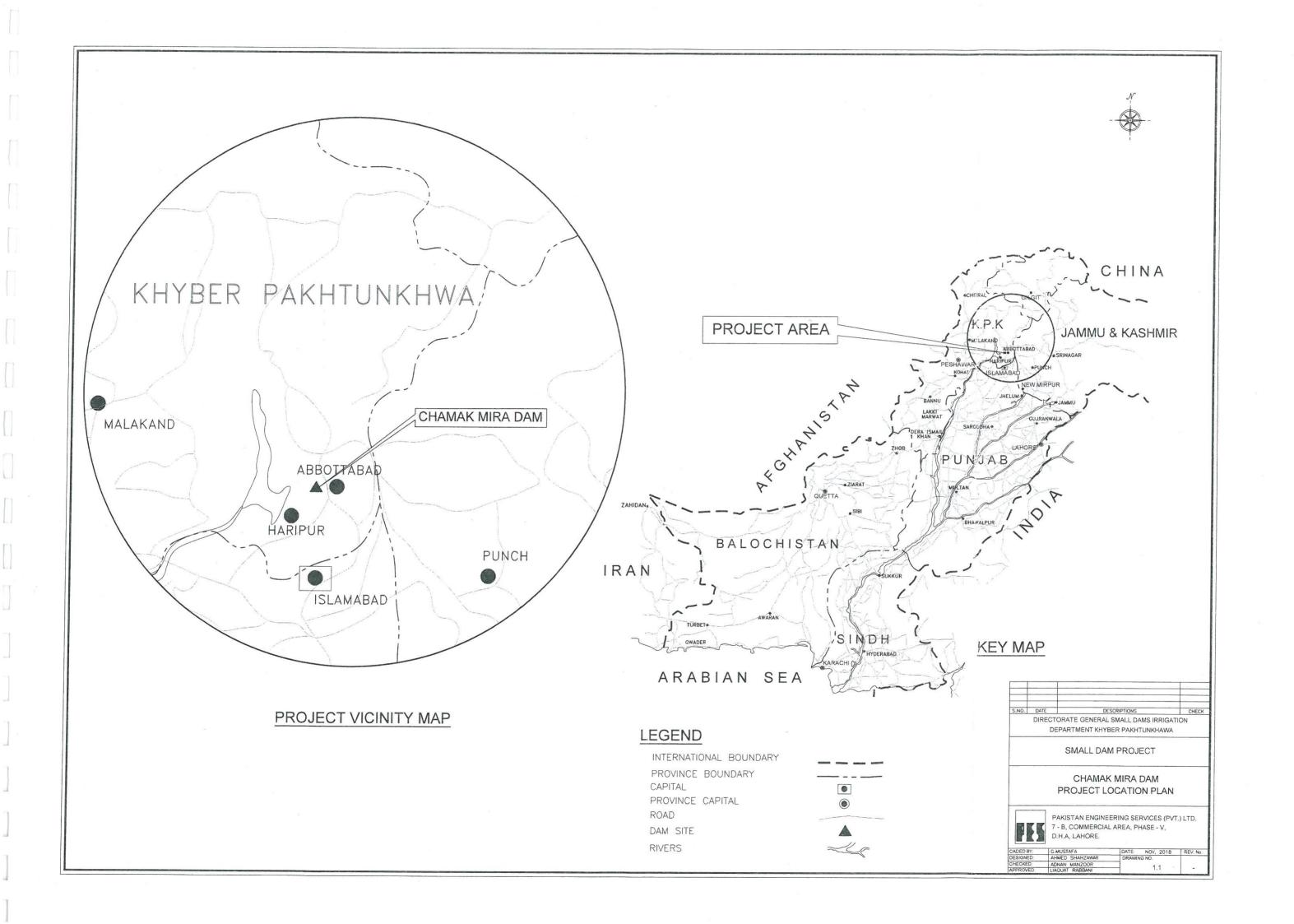
BID DRAWINGS

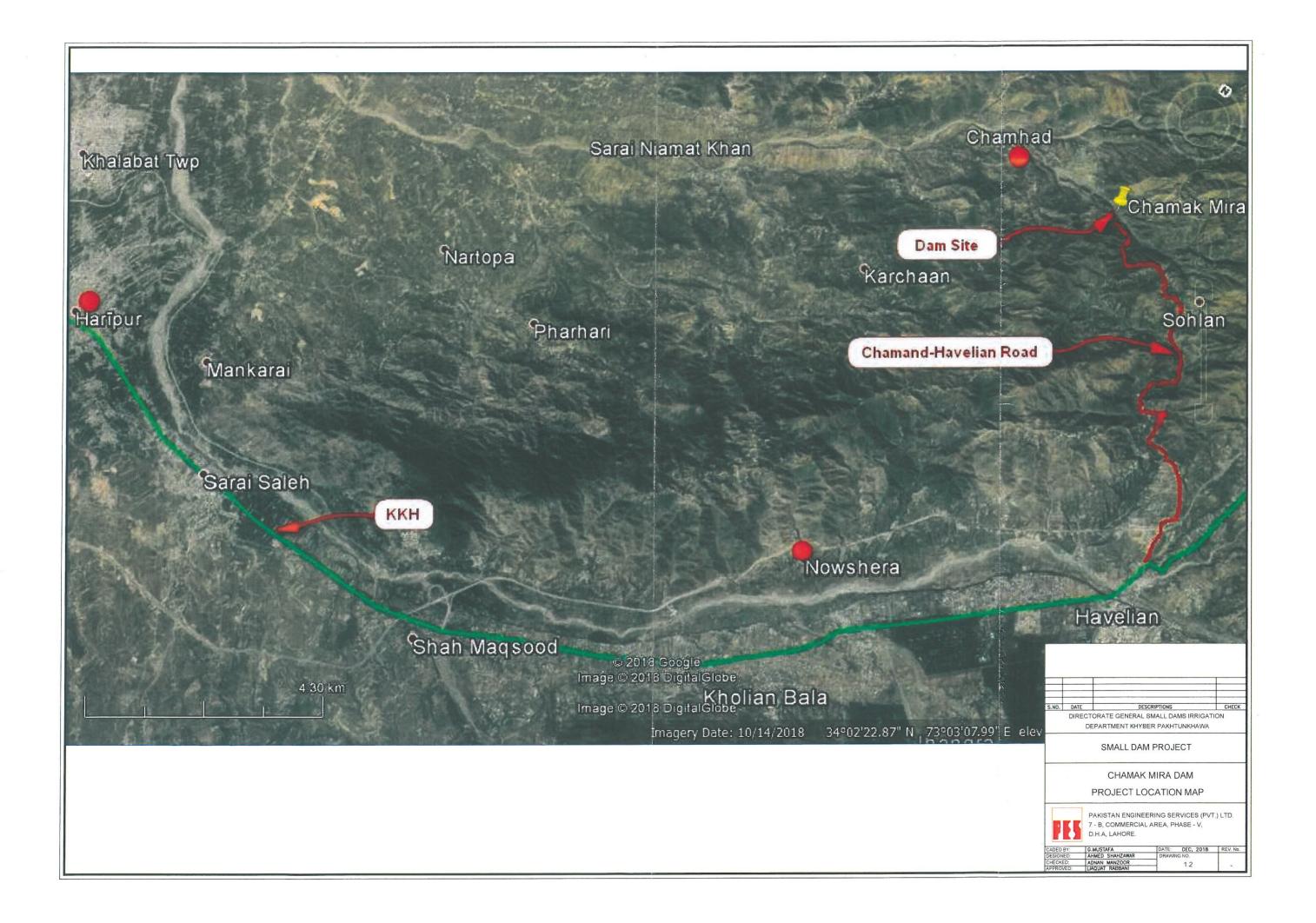
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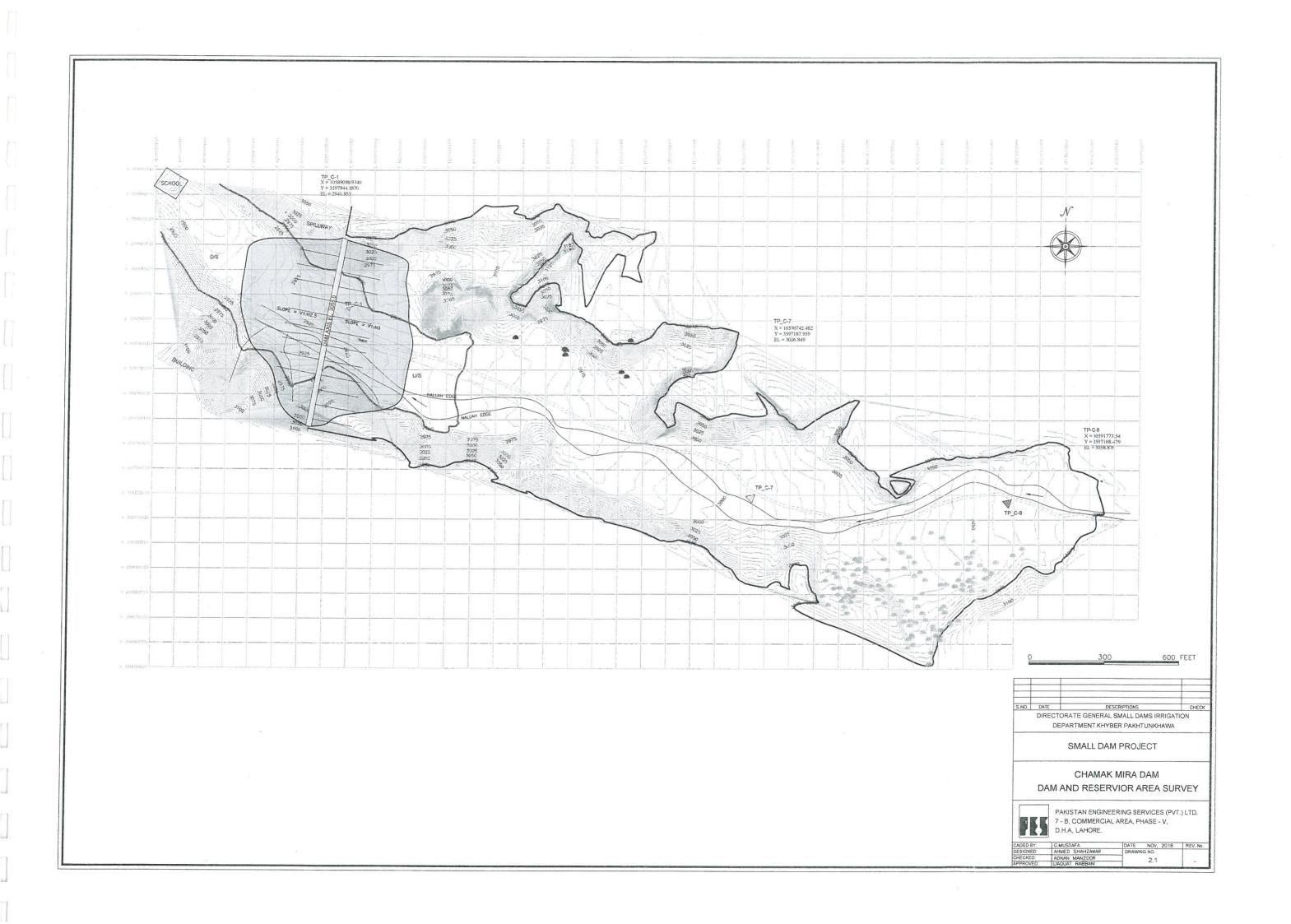
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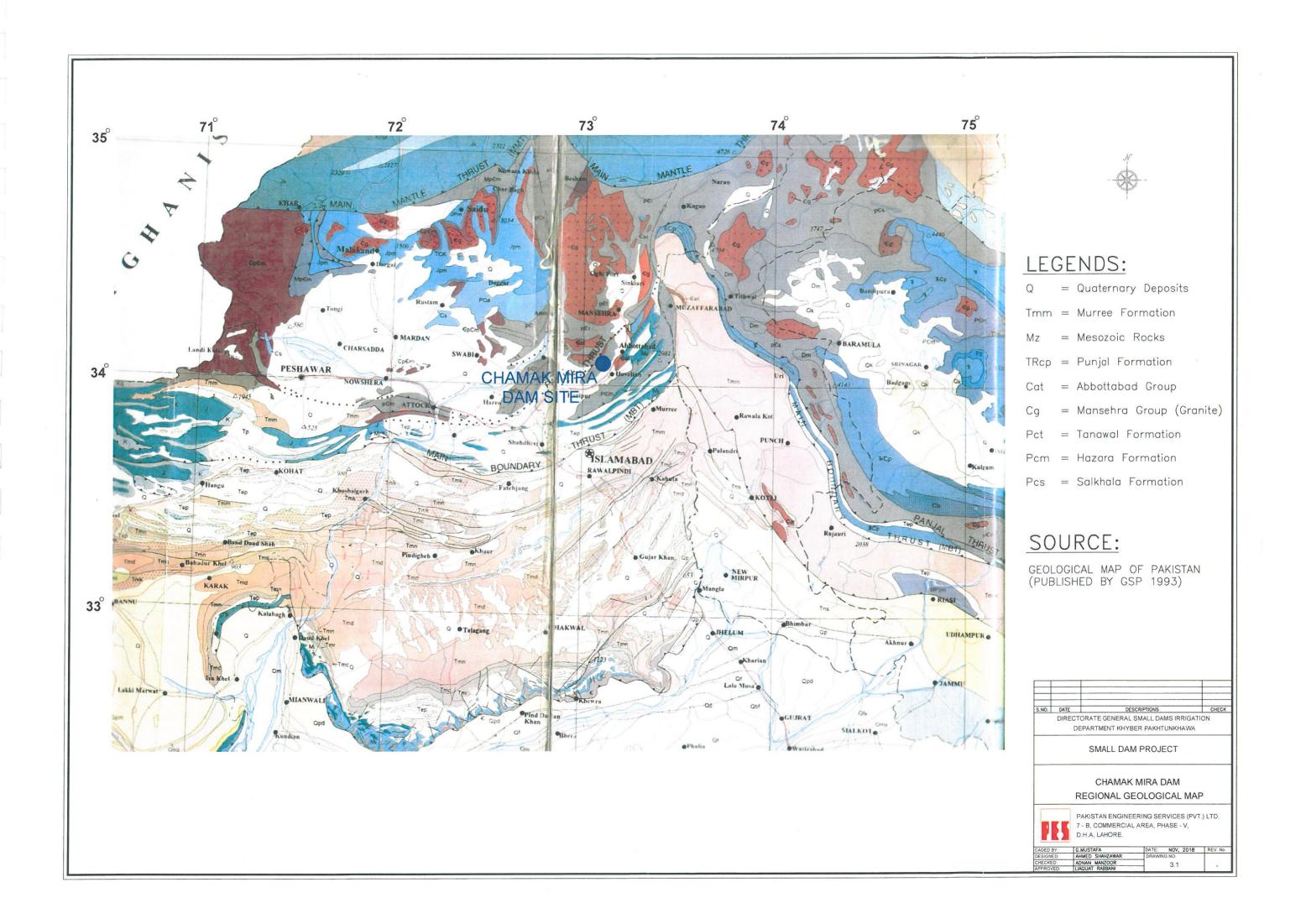


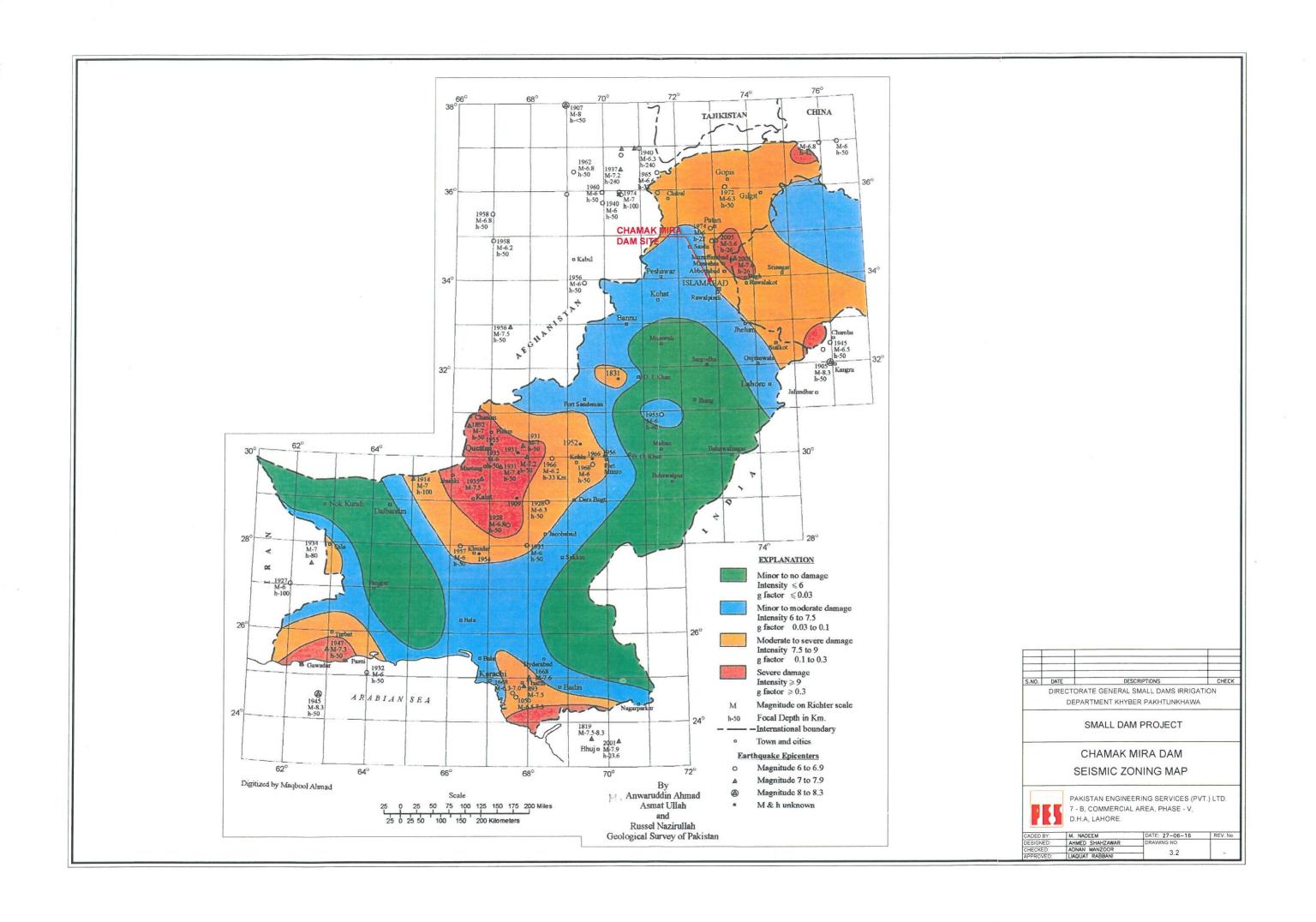


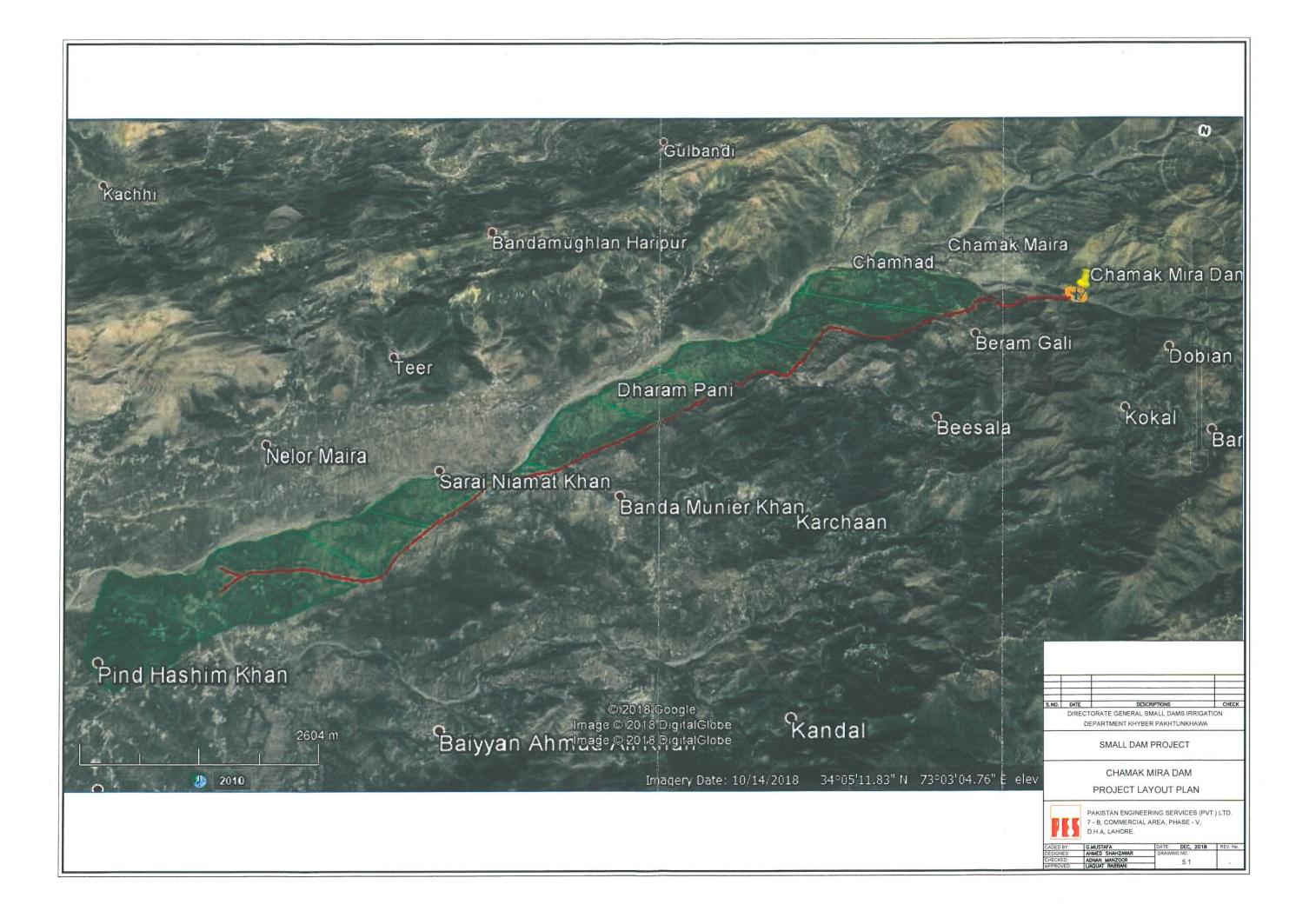


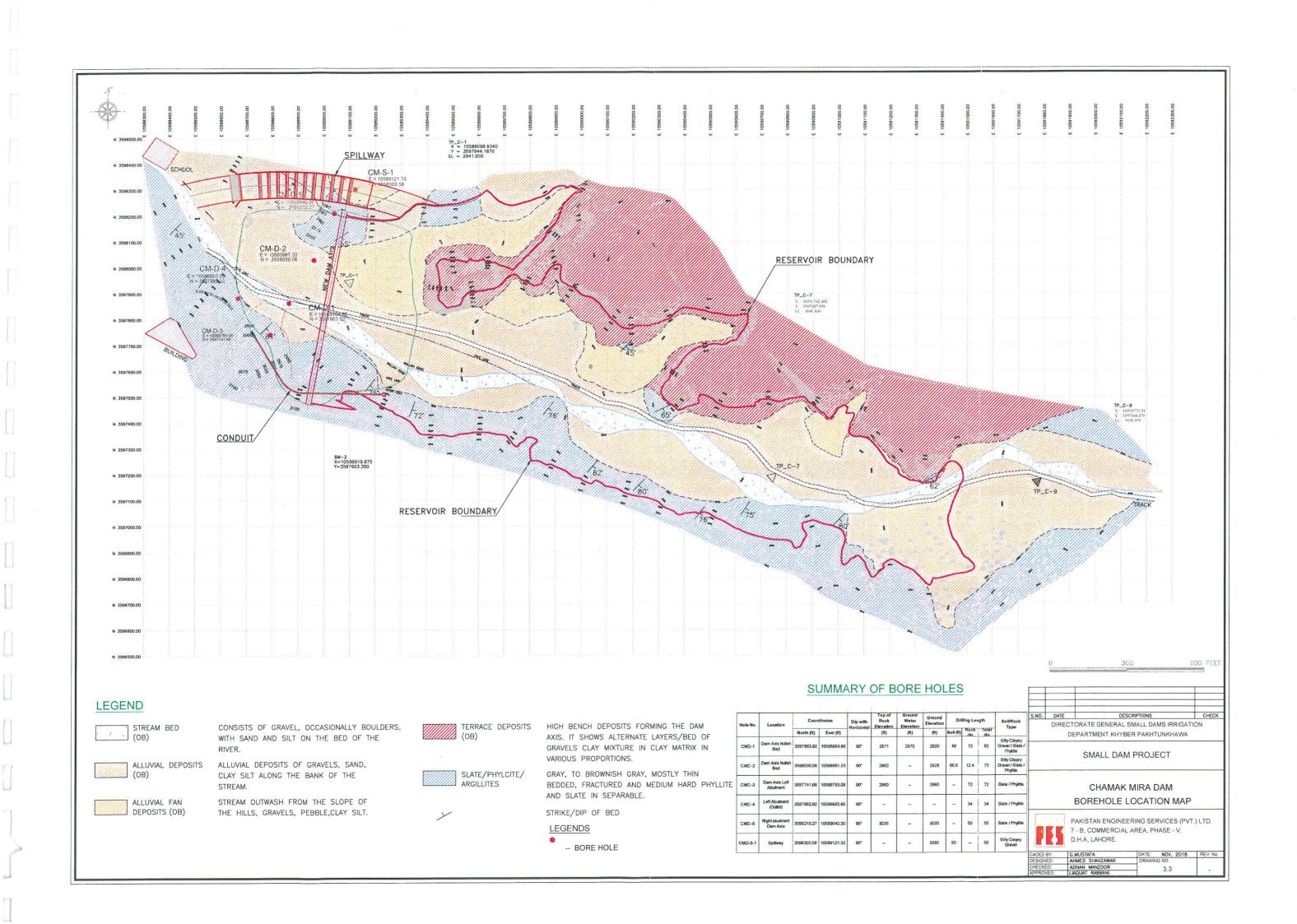


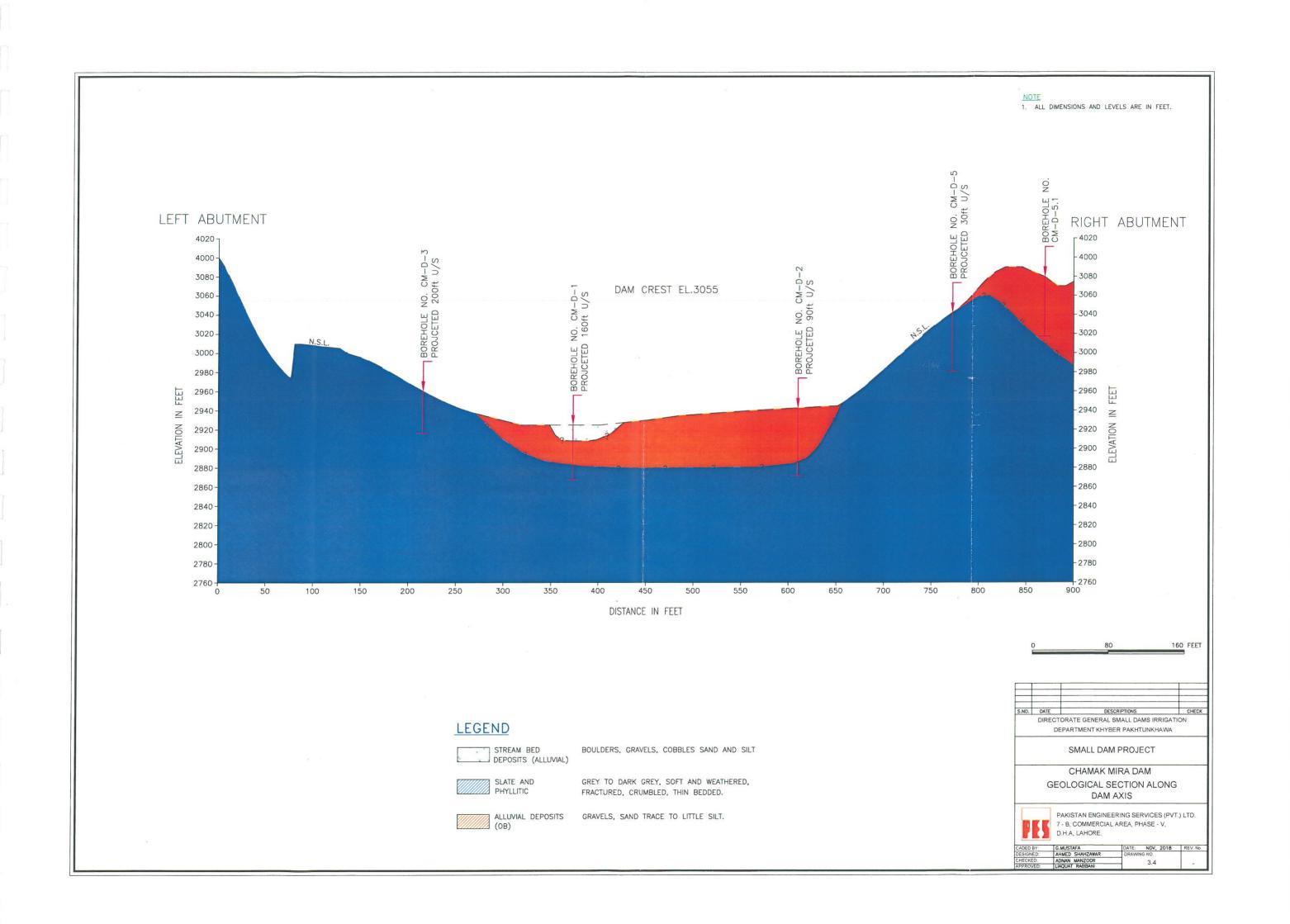


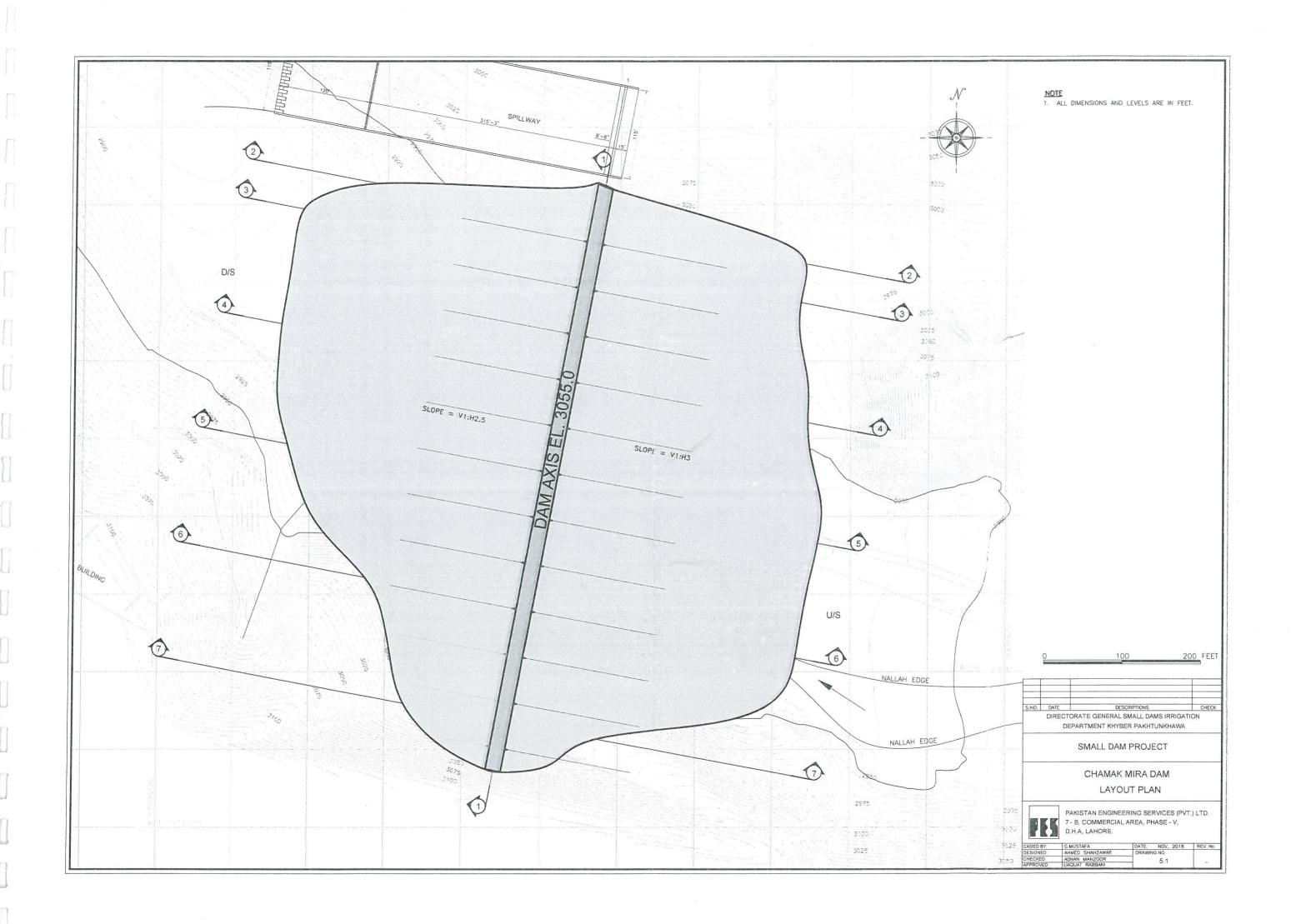


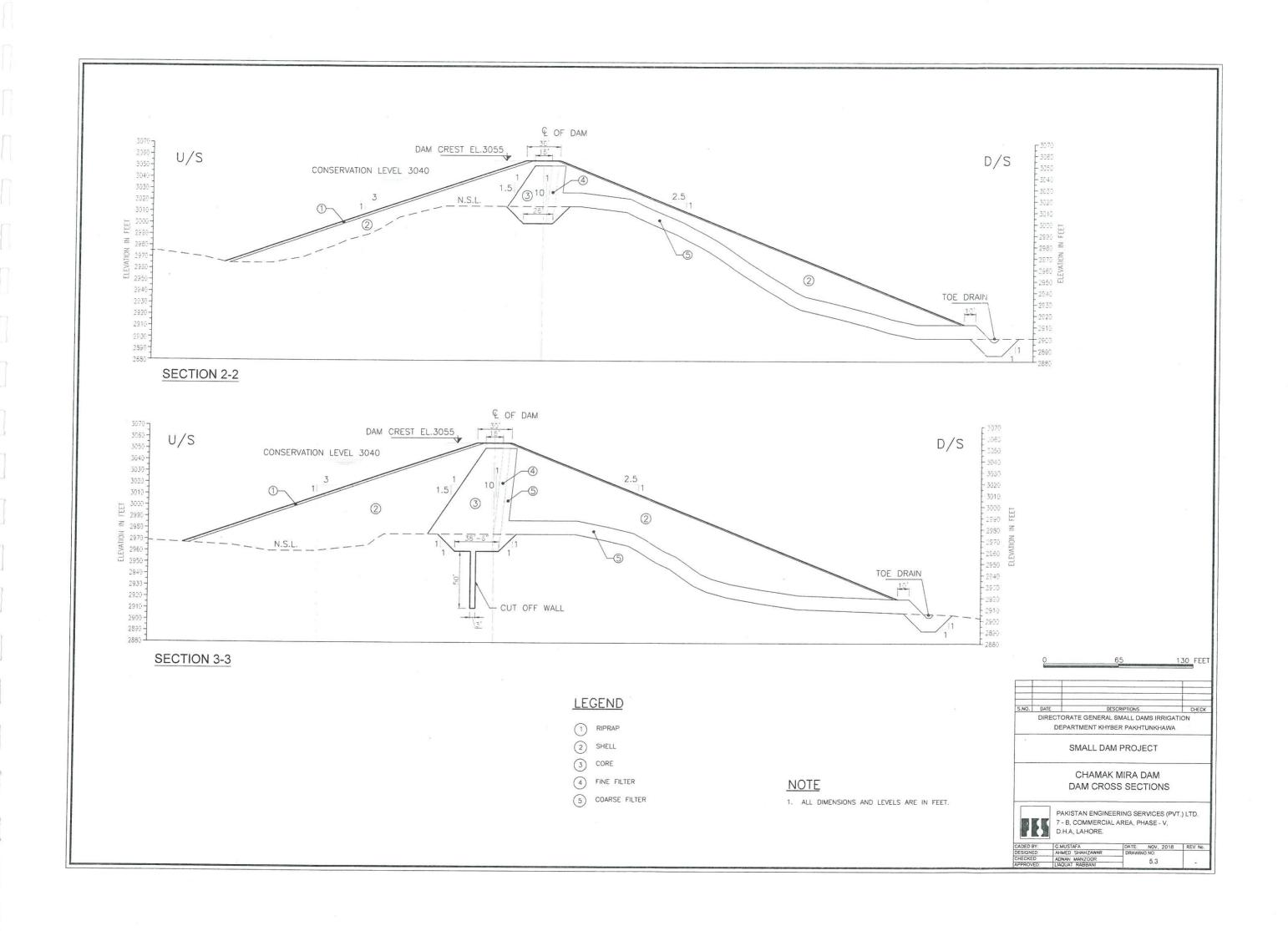


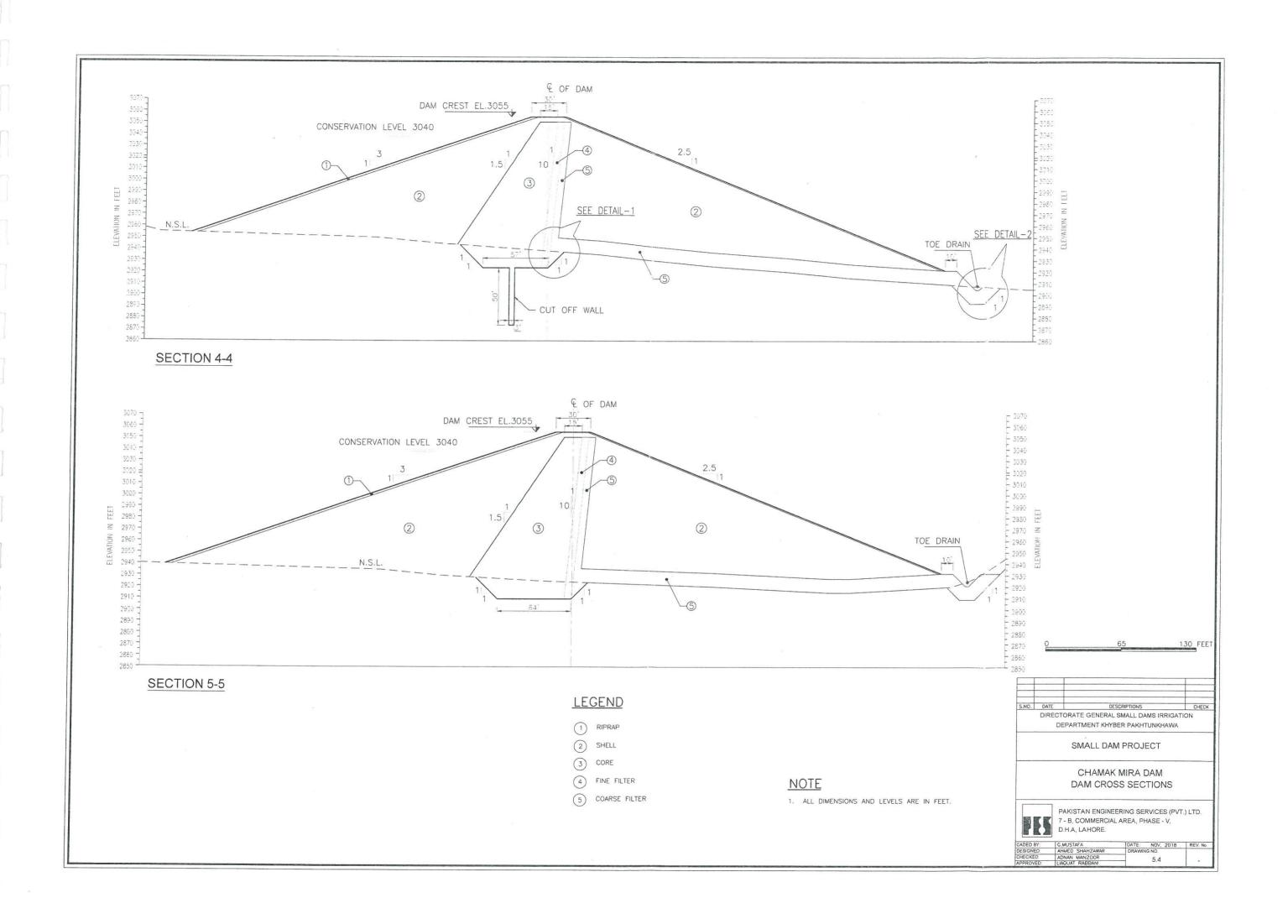


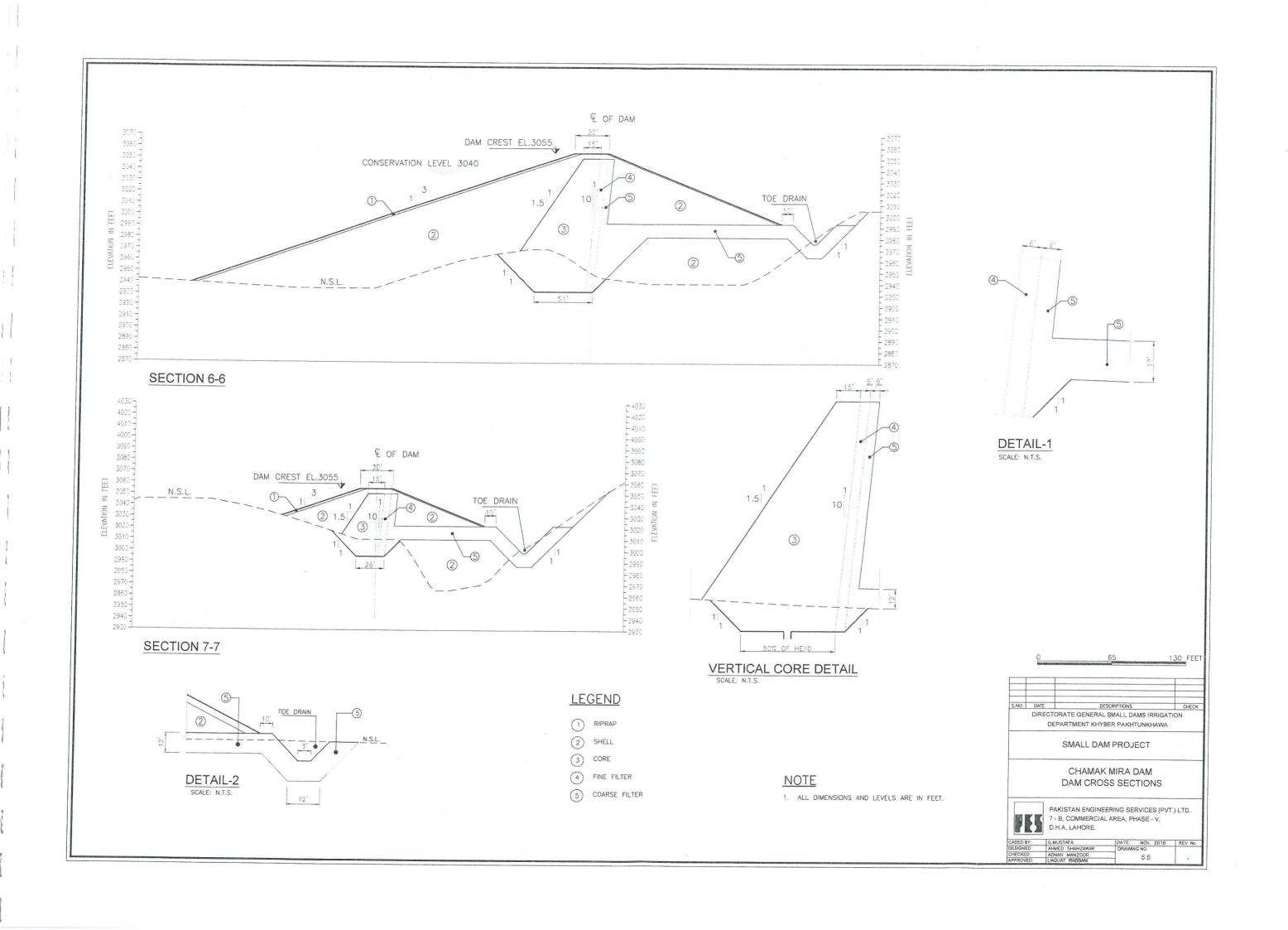


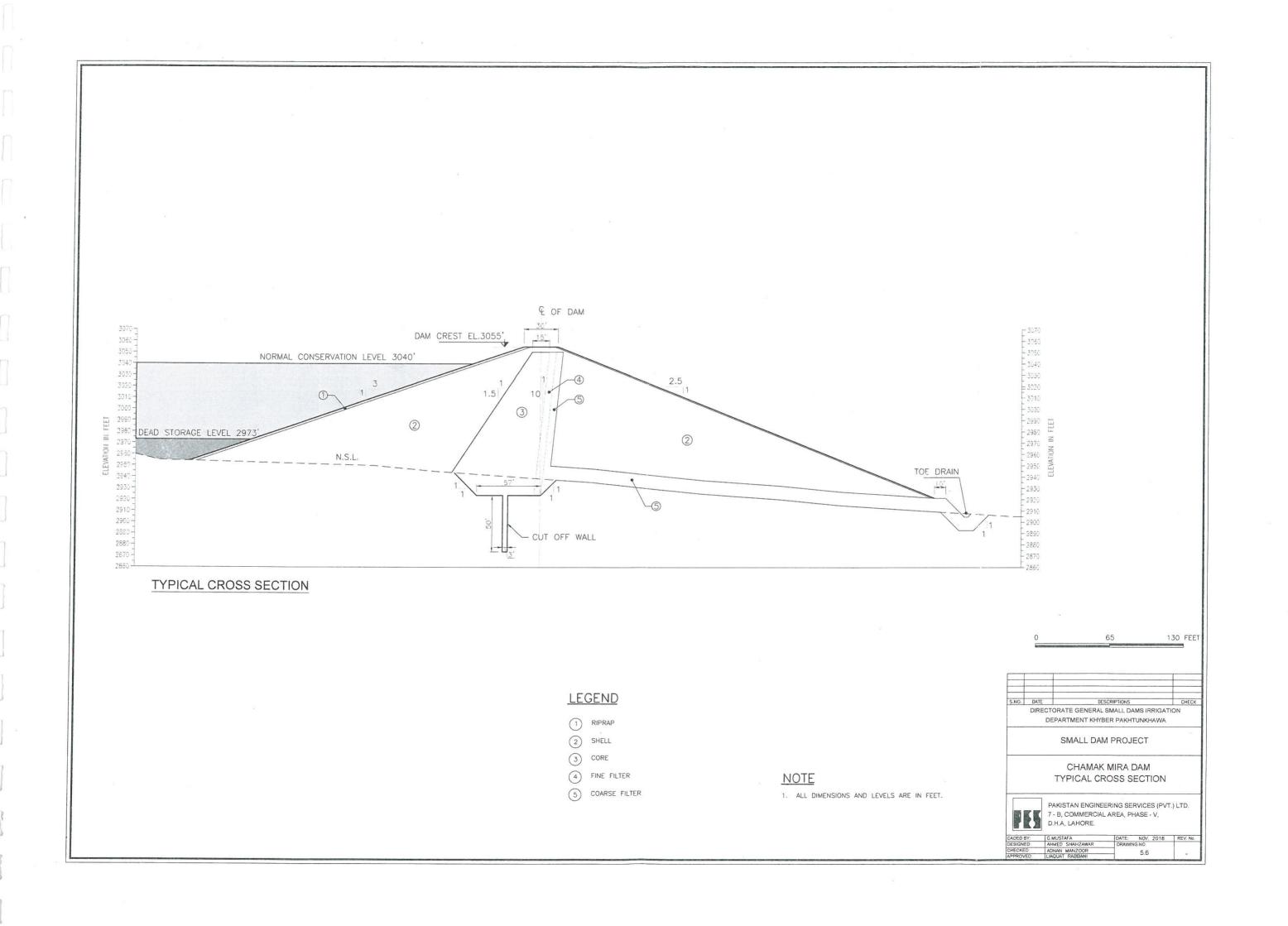


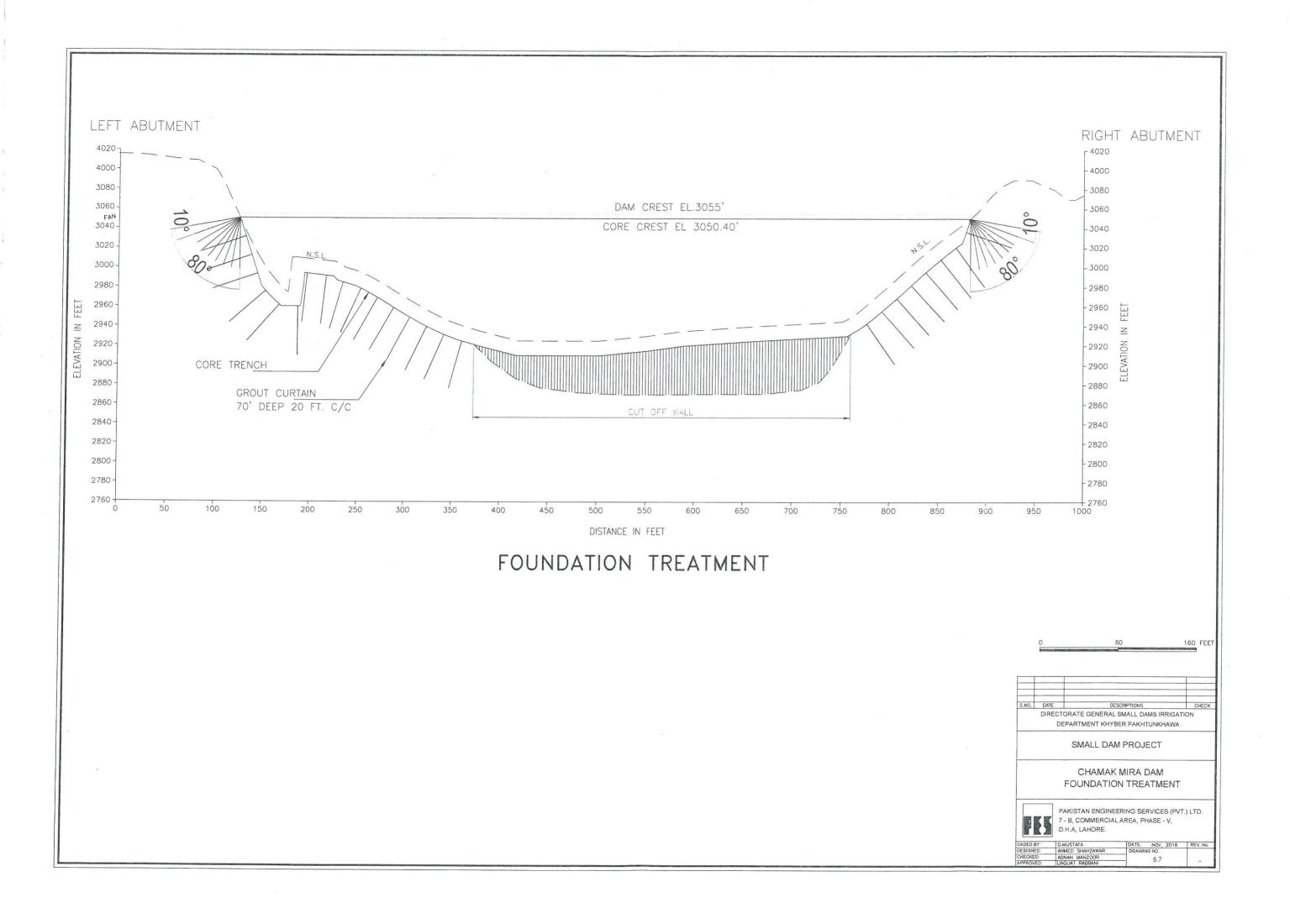


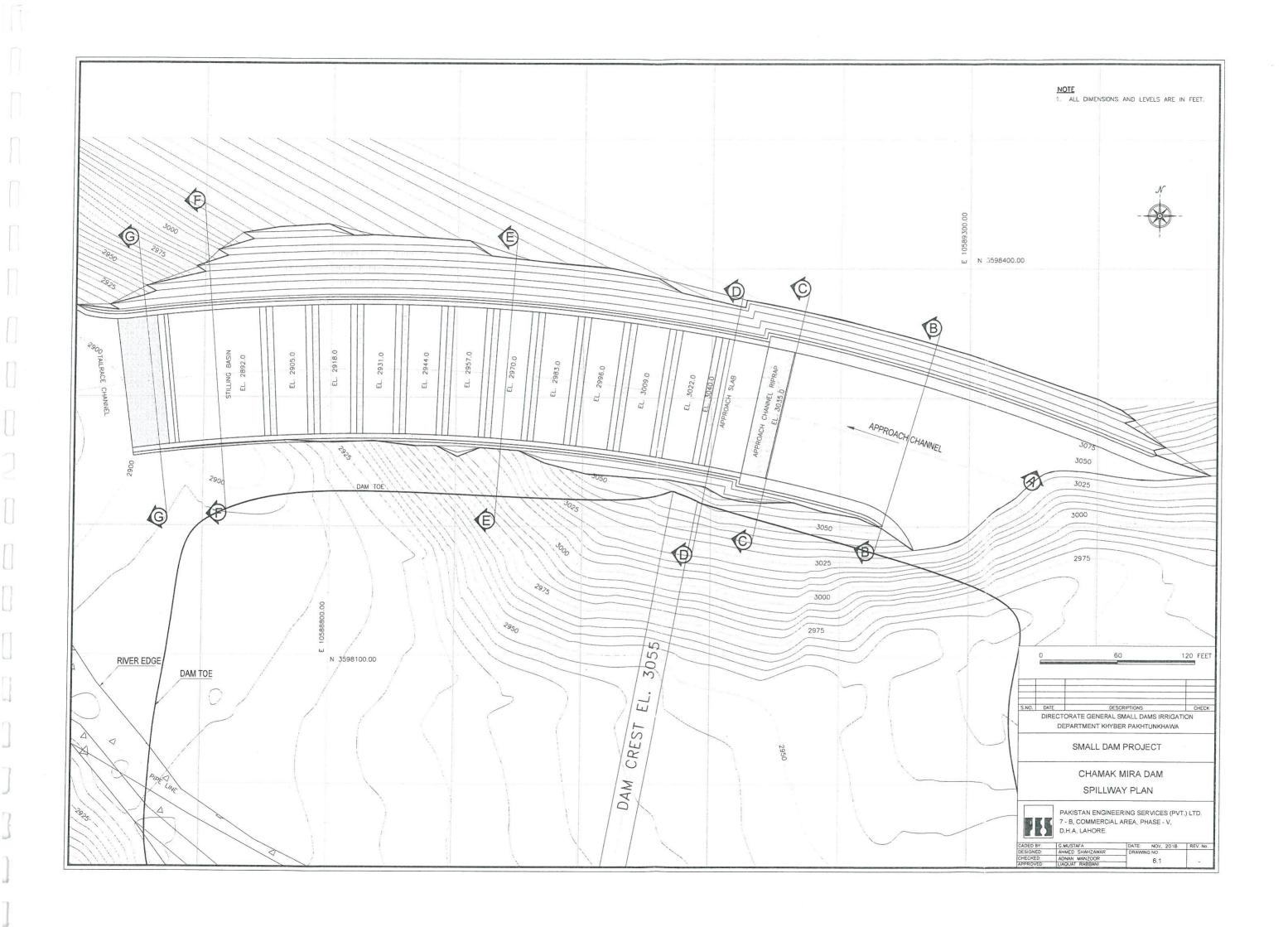


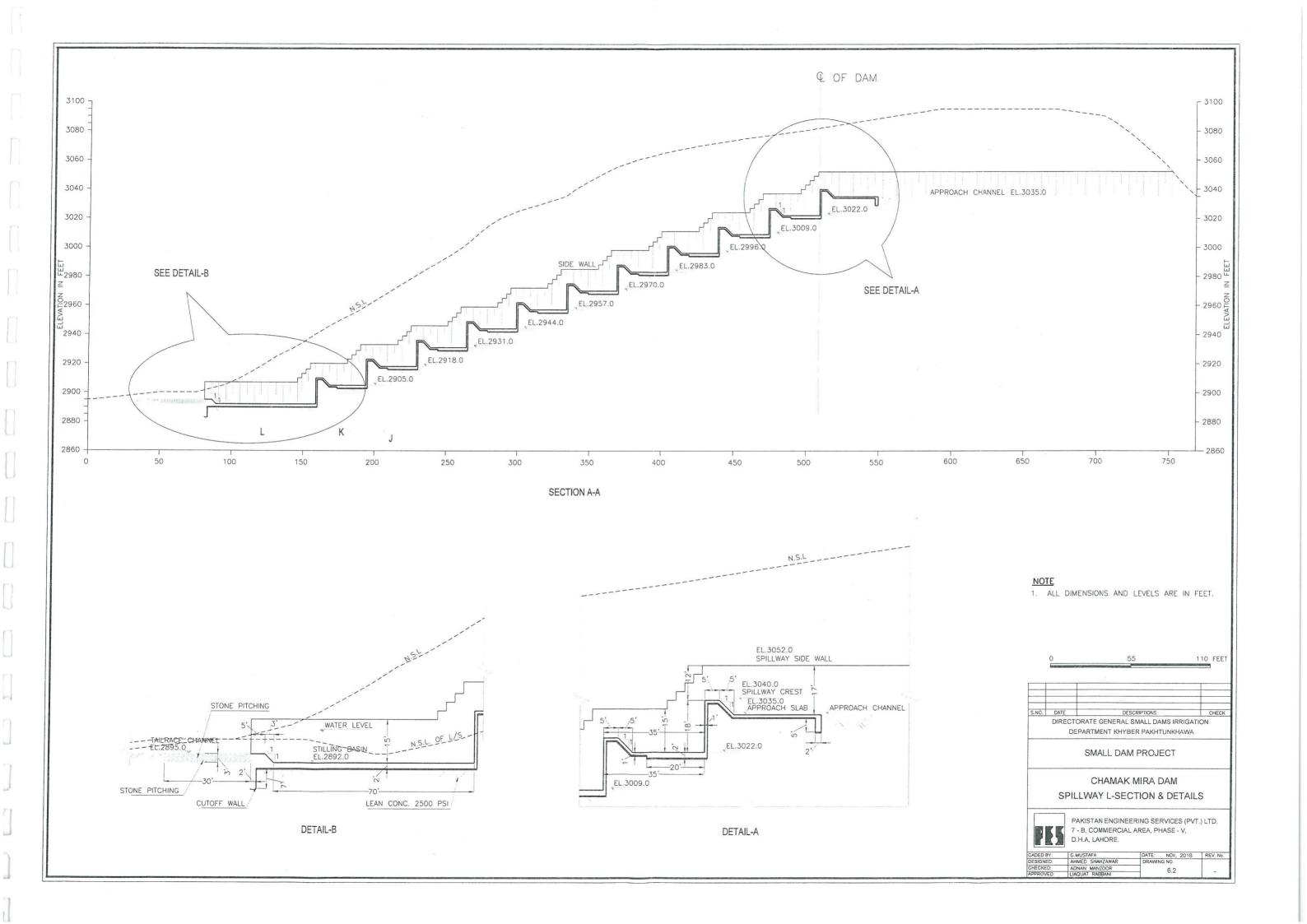


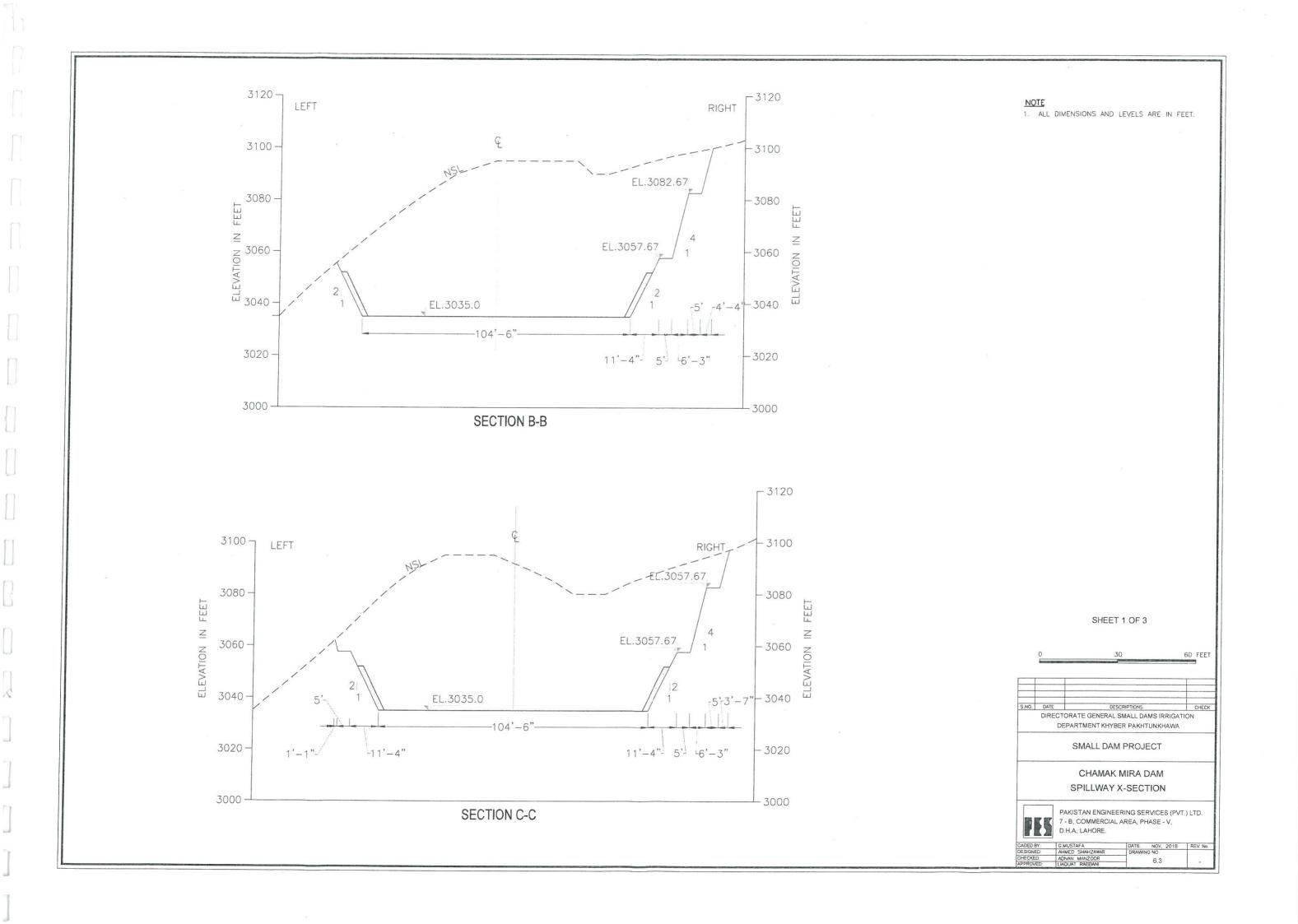


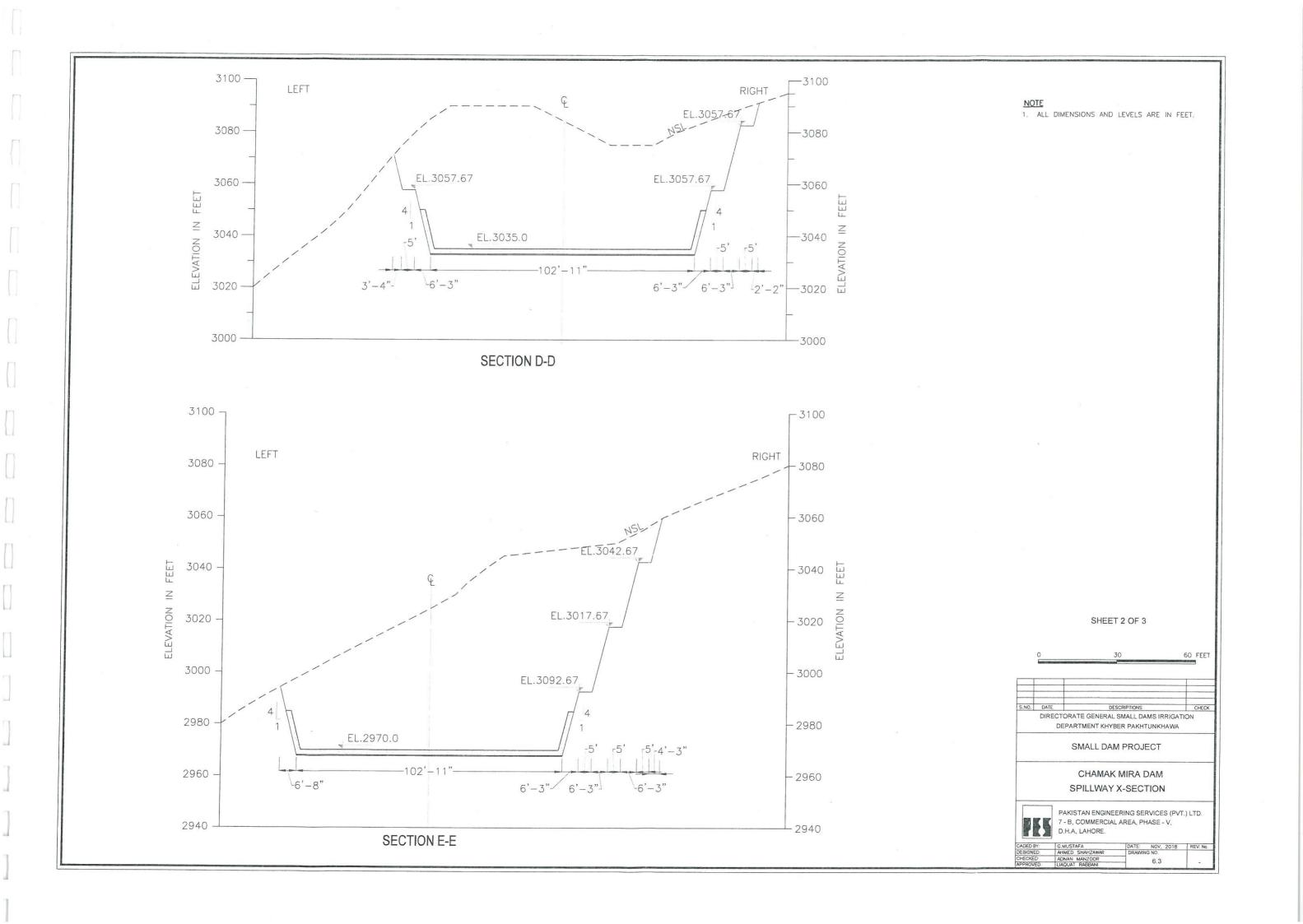


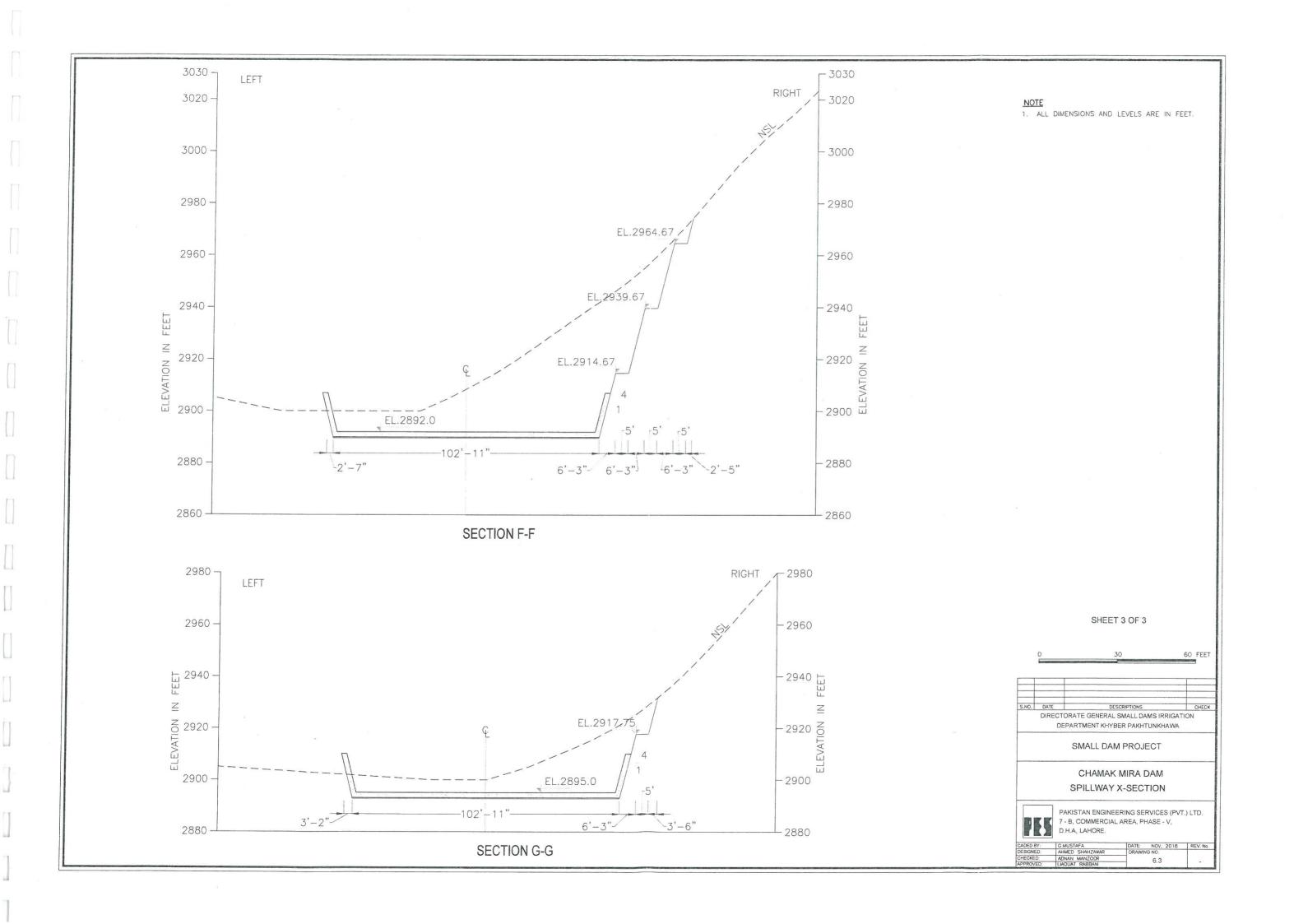


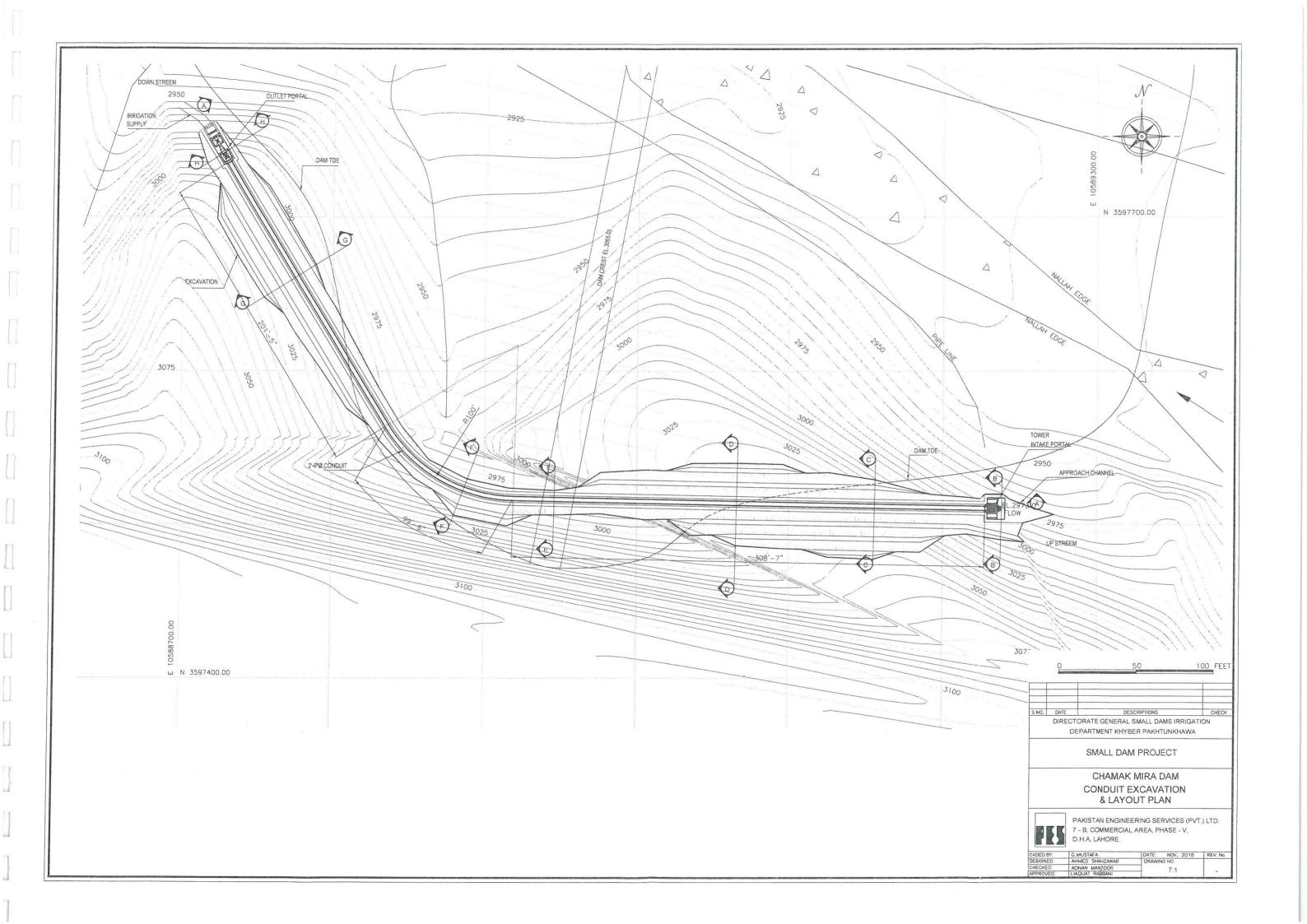


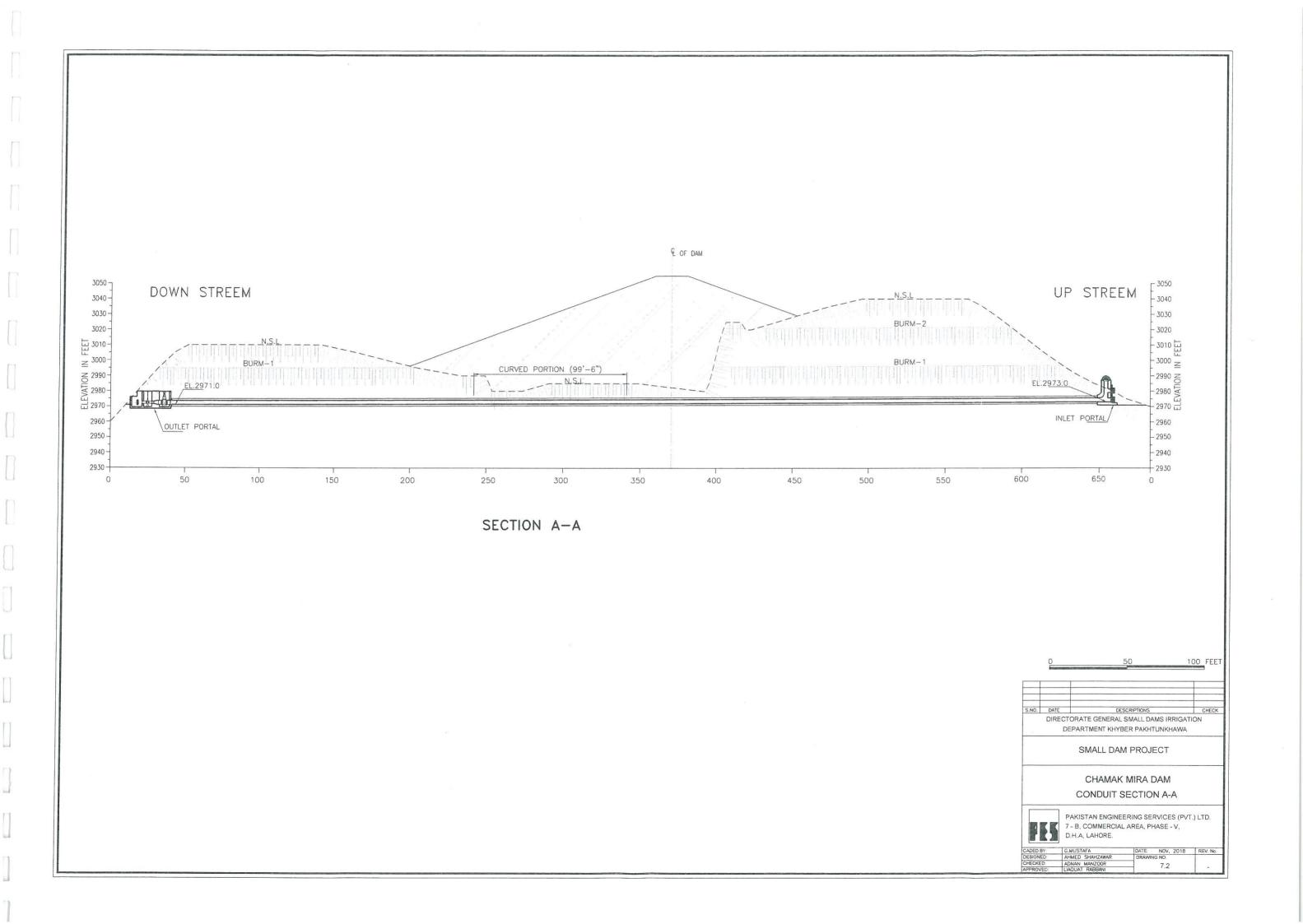


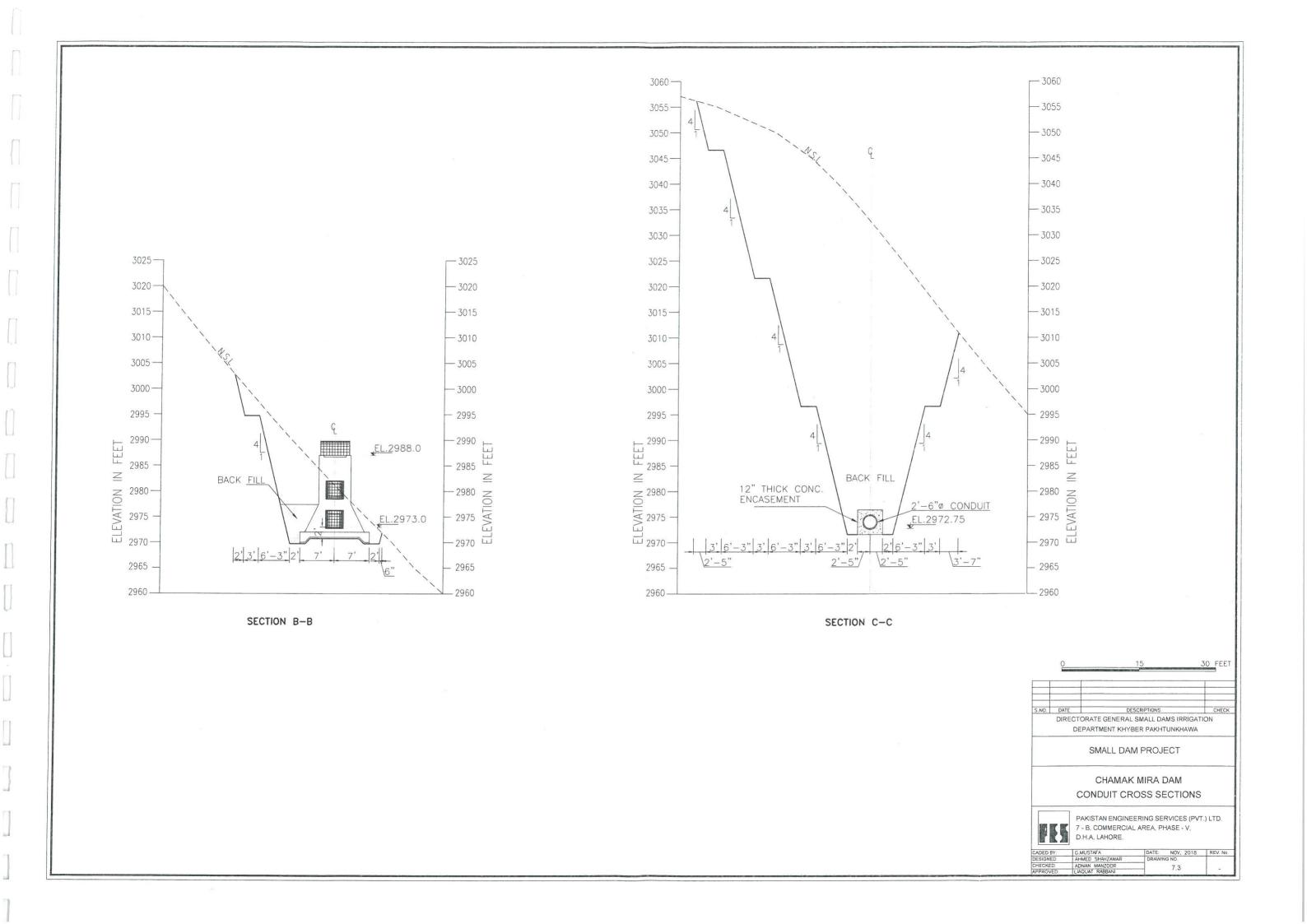


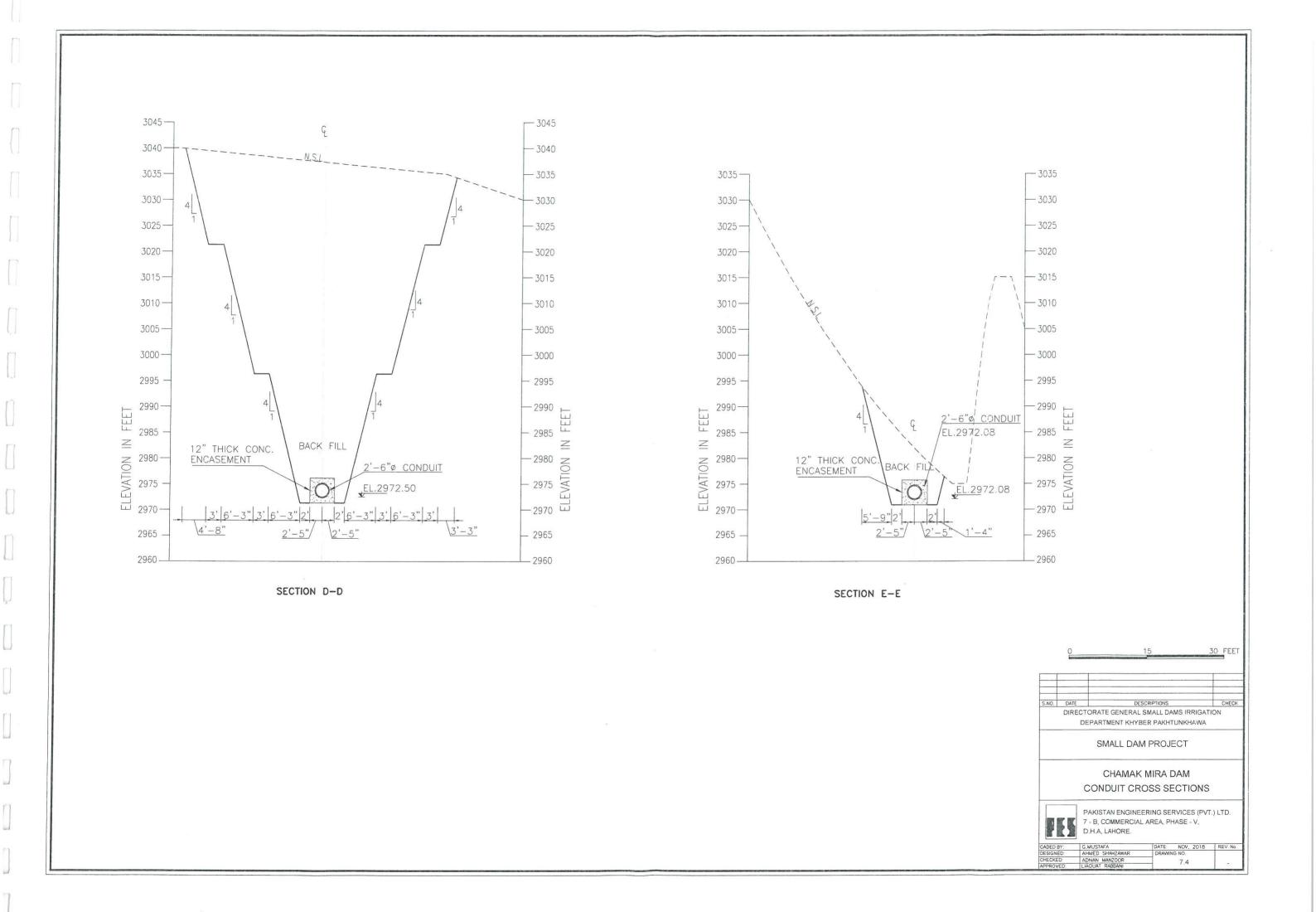


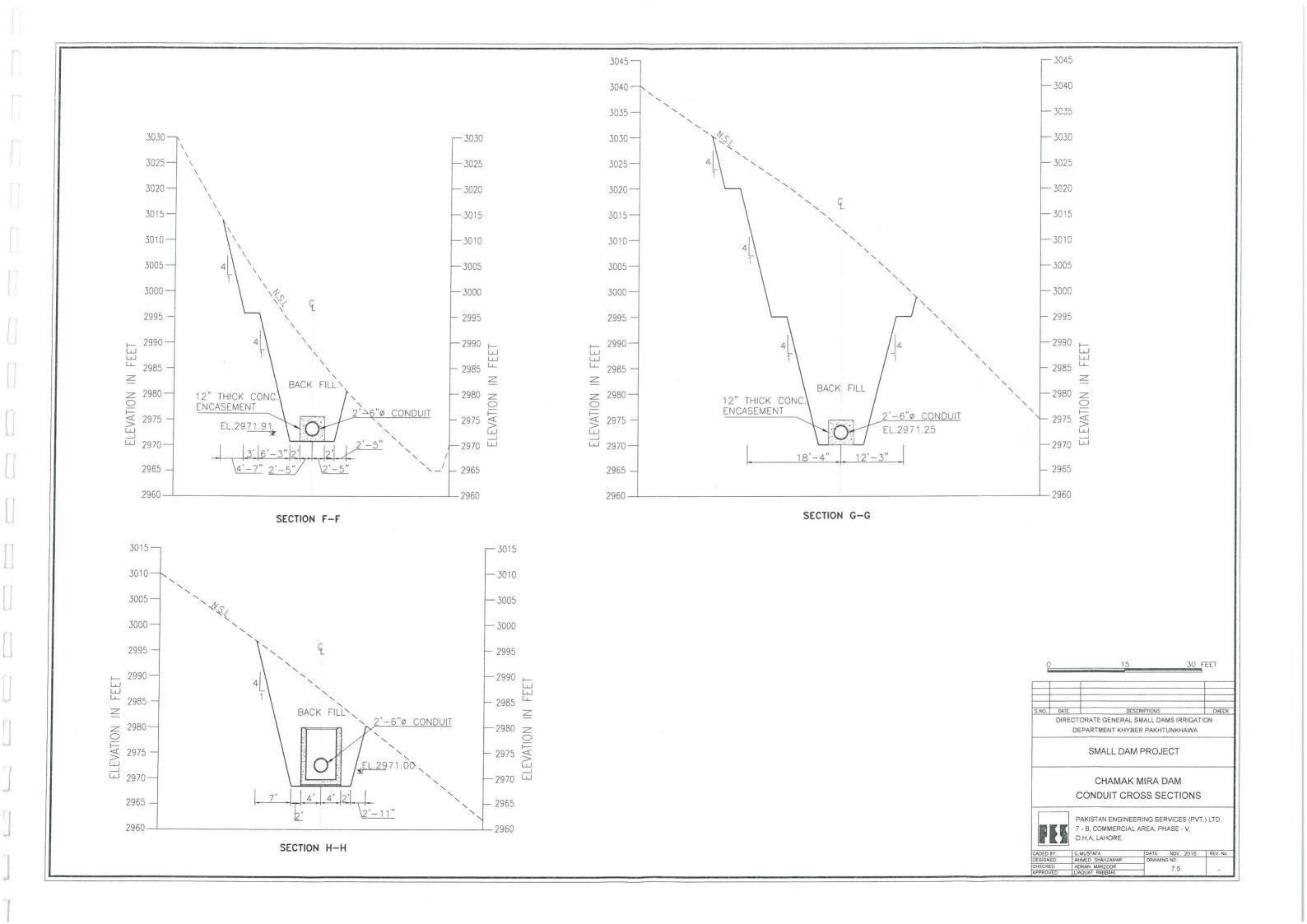


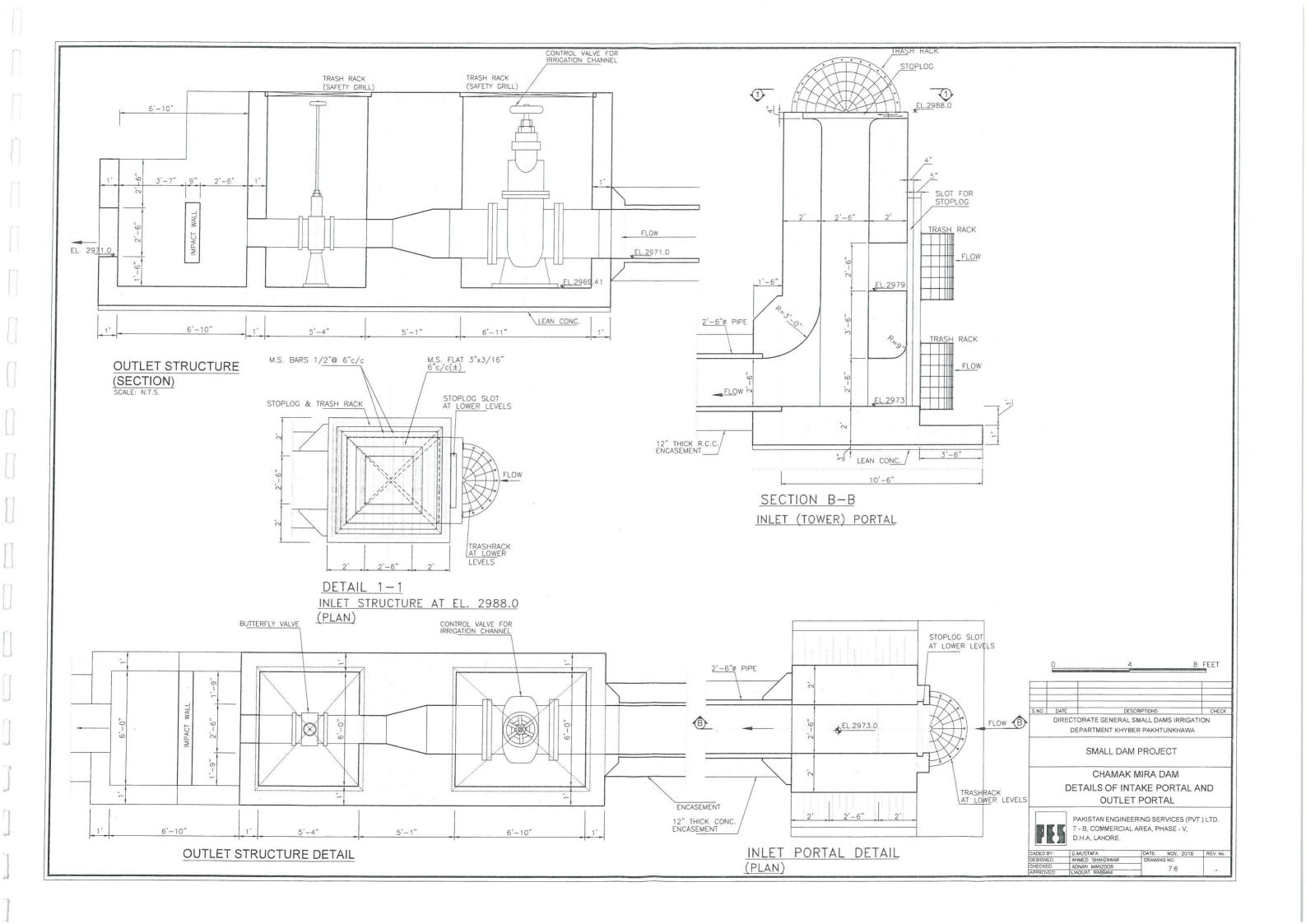


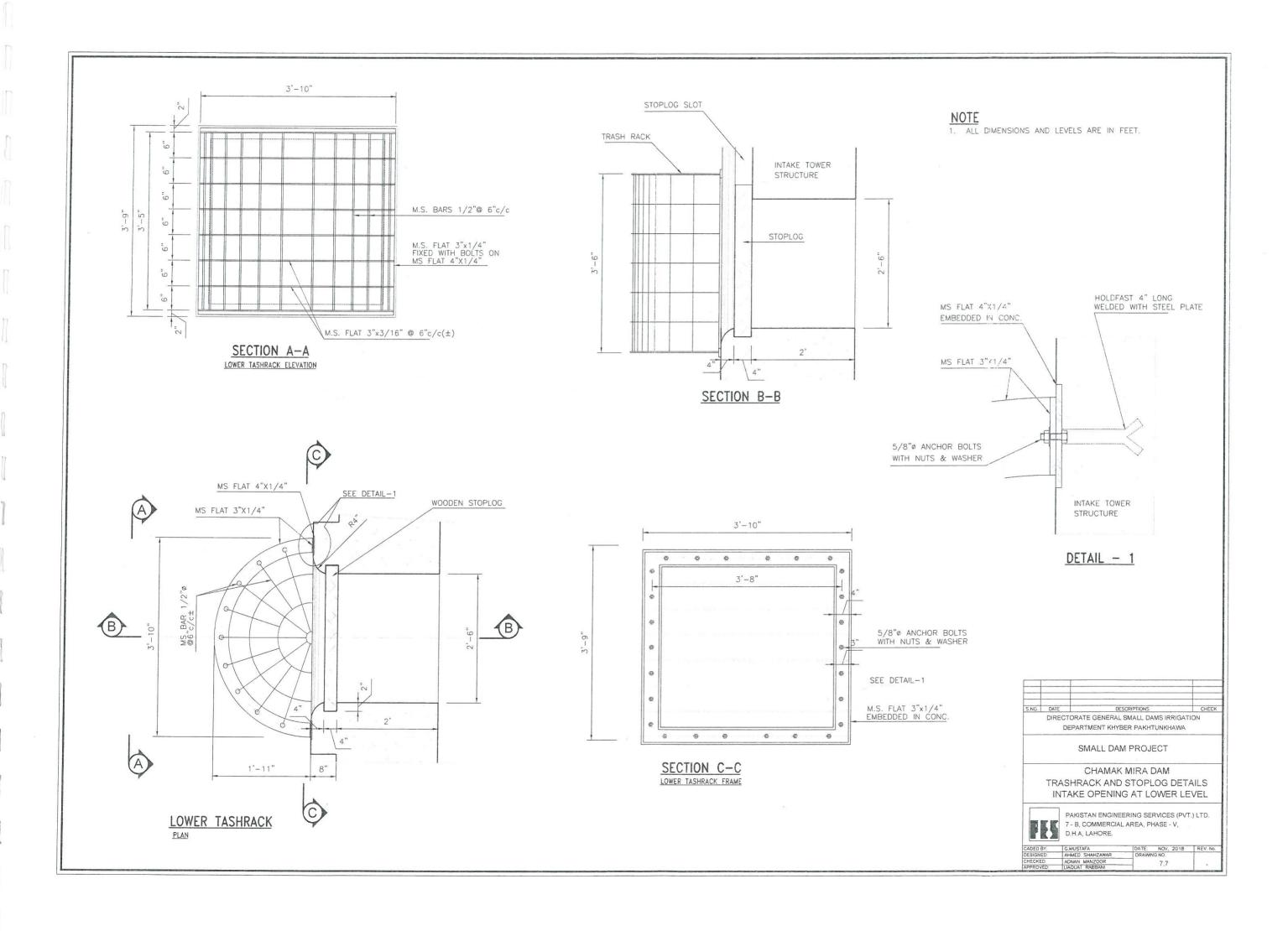


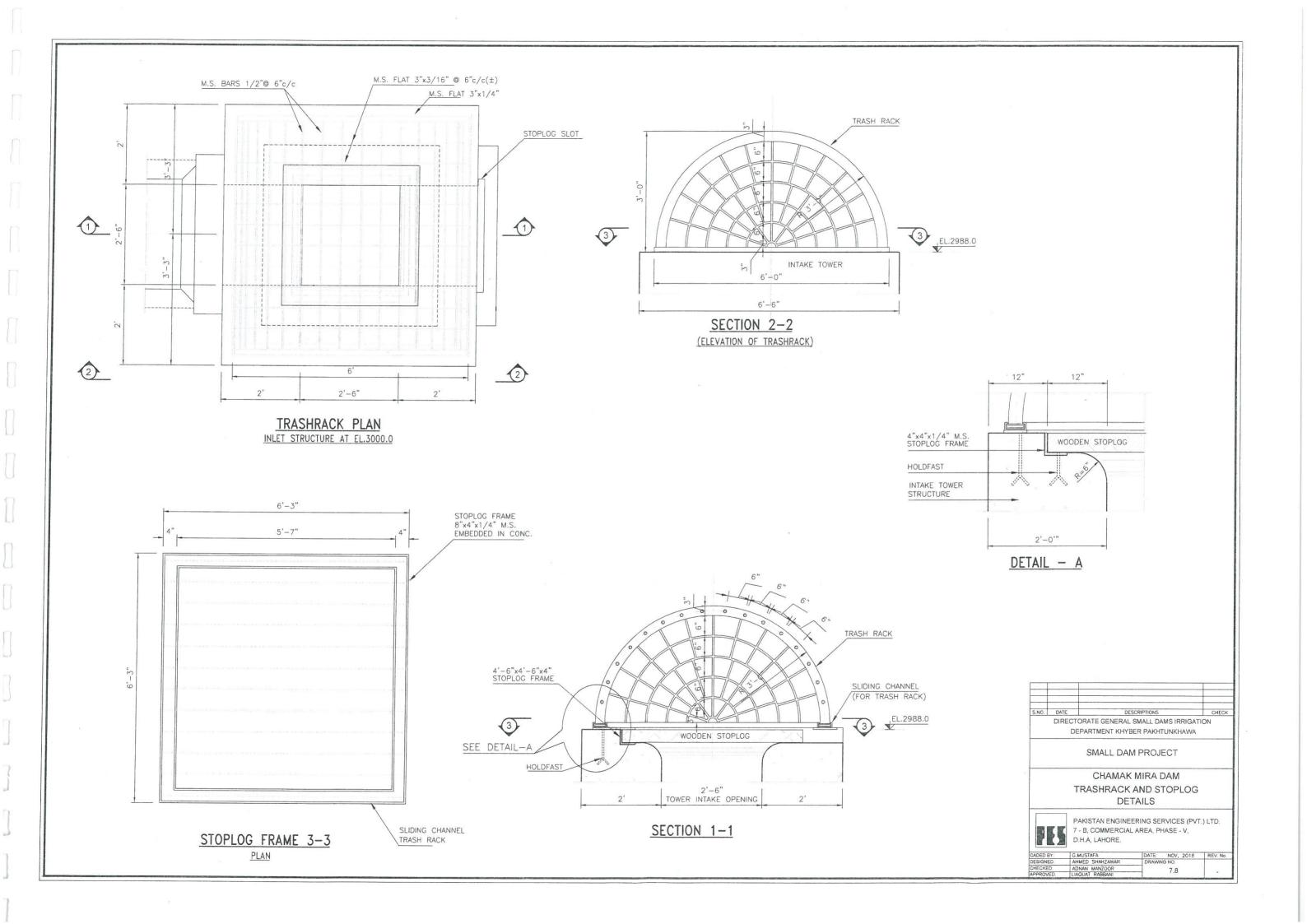


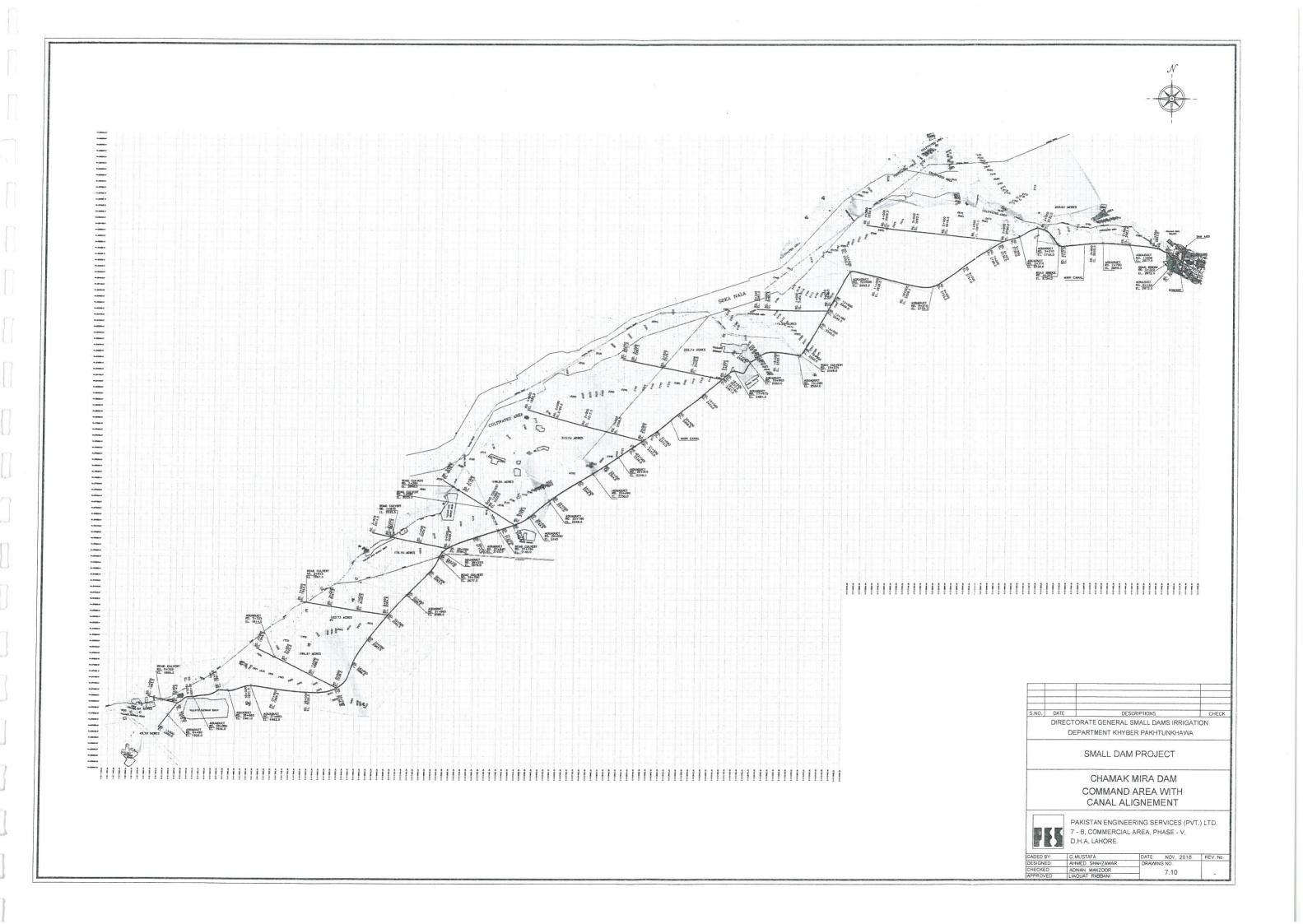


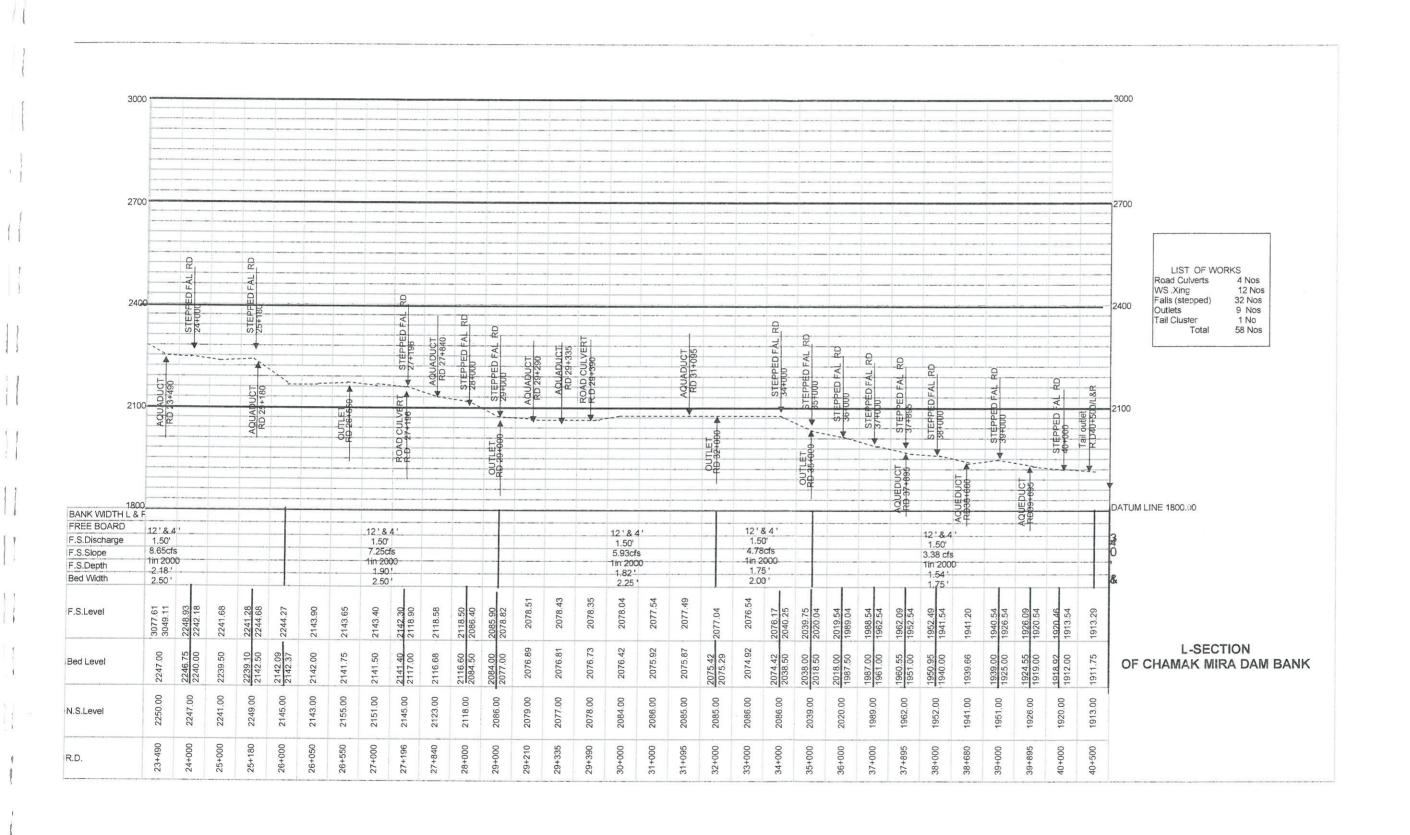


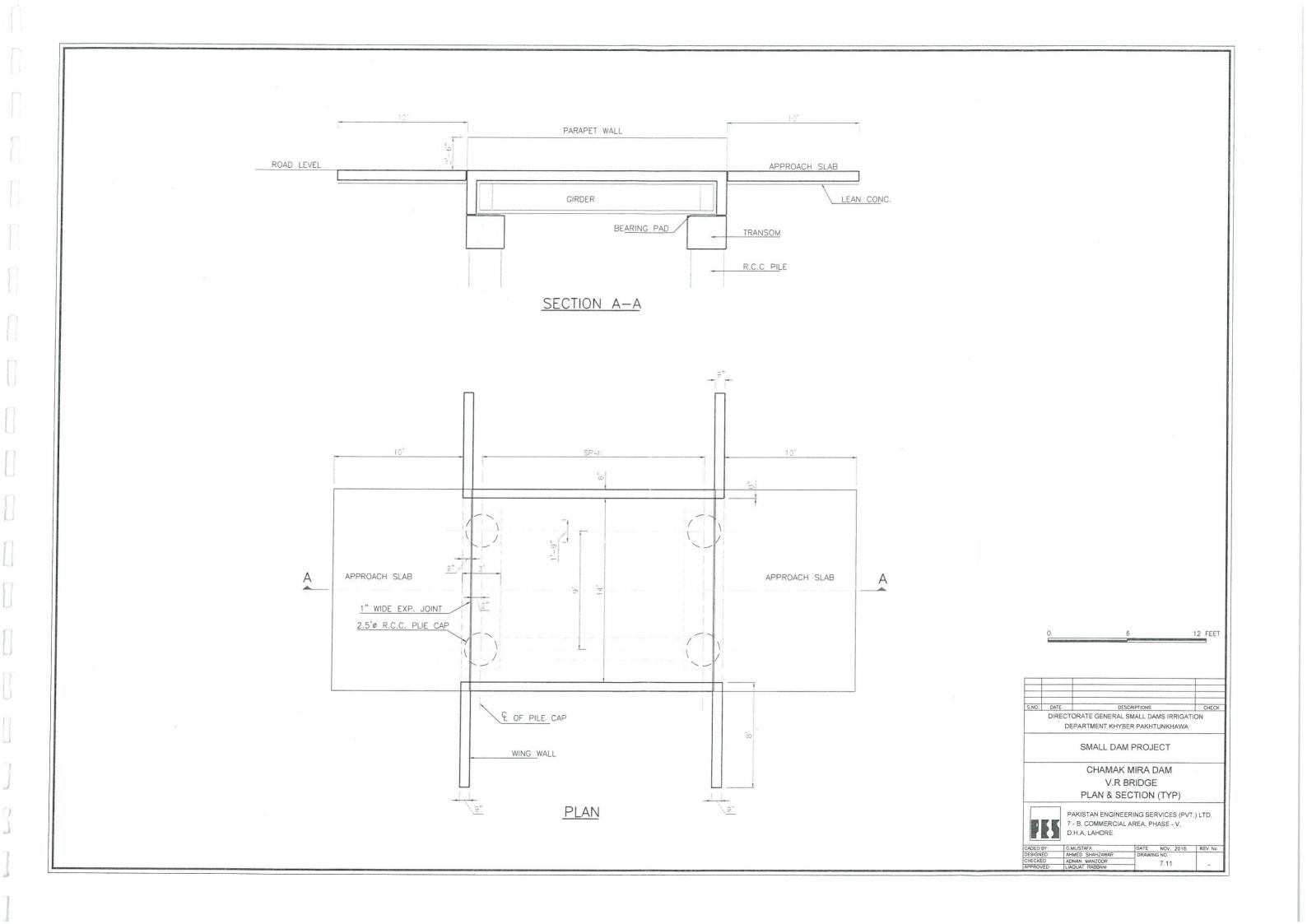


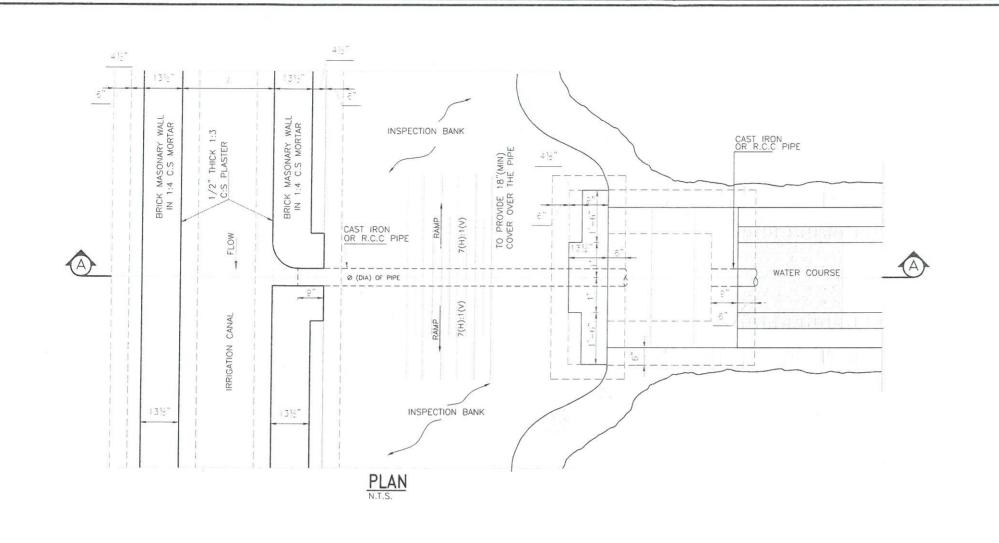


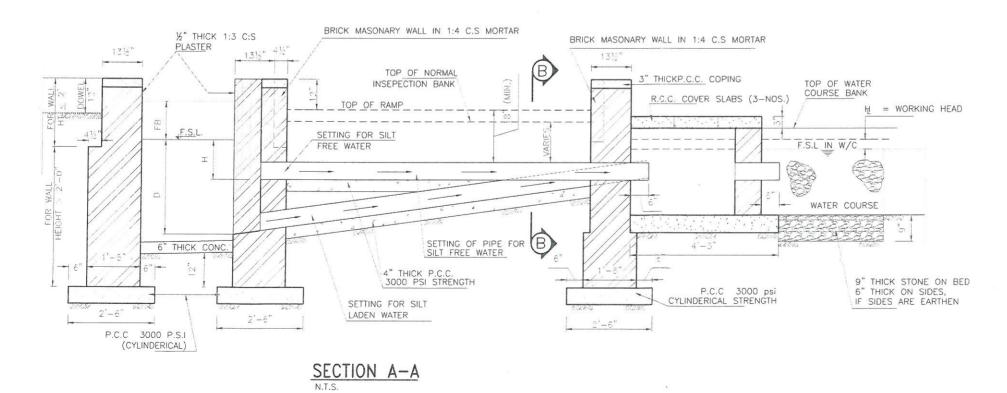






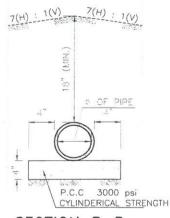






NOTES:

- PIPE USED FOR THE OUTLET WILL BE OF CAST IRON, R.C.C. OR G.I. PIPE
- IF THE COVER OVER THE PIPE IS LESS THAN 18", A RAMP WITH 7(H): 1(V) SLOPE WILL BE PROVIDED TO MAKE THE COVER 18" AS SHOWN.
- 3. PIPE OUTLETS WILL BE USED FOR DISCHARGES LESS THEN 1.0 CUSEC. HOWEVER, AT THE DISCRETION OF THE ENGINEER, THESE COULD BE USED FOR LARGER DISCHARGES AS WELL.
- 4. FOR SILT FREE WATER 'H' \simeq 10" AND 'H' \simeq D, FOR SILT LADEN WATER. HOWEVER EXACT SETTING OF THE PIPE WILL BE DECIDED BY THE ENGINEER DEPENDING ON THE SITE CONDITIONS.
- 5. THIS DRAWING COMBINES TWO DRAWINGS, 1 FOR THE SILT FREE CANAL WATER AND THE OTHER FOR THE SILT LADEN CANAL WATER. THE TYPE OF OUTLET TO BE USED WILL BE DECIDED BY THE ENGINEER.
- 6. MASONARY DOWEL WILL BE RAISED AT OUTLET SITES TO ASSURE 12" HEIGHT ABOVE THE RAMP TOP.
- 7. IN CASE OF INTERFERENCE OF INNER EDGES OF P.C.C. FOUNDATIONS FOR CANAL WALLS PROVIDE A COMMON FOUNDATION FOR THE 2 WALLS. OUTER PROJECTION WILL REMAIN THE SAME i.e. 6".
- ALL EARTH WORK WILL BE COMPACTED TO 95% OF STANDARD PROCTOR DENSITY.



SECTION B-B

S.NO.	DATE	DESCRIPTIONS	CHECK
	DIRECTORAT	E GENERAL SMALL DAMS IRR	RIGATION
	DEPAR	TMENT KHYBER PAKHTUNKHA	AWA

SMALL DAM PROJECT

CHAMAK MIRA DAM TYPICAL PIPE OUTLET AND IRRIGATION CANAL X-SECTION DETAIL



PAKISTAN ENGINEERING SERVICES (PVT.) LTD. 7 - B, COMMERCIAL AREA, PHASE - V, D.H.A, LAHORE.

CADED BY:	G.MUSTAFA	DATE: NOV, 2018	REV. No
DESIGNED:	AHMED SHAHZAWAR	DRAWING NO.	1
CHECKED:	ADNAN MANZOOR	7.12	
APPROVED:	LIAQUAT RABBANI	1.12	-

