

## 1. Initial Statements

- ## 2. Initial Design Data

- 2.2 According to report "SURVEY & RESULT OF GEOTECHNICAL INVESTIGATION AT THE RECONST. OF BATTERY 2", performed by Amouneh Foulad Consulting Eng. Co.in Feb. 2022:

- the study area is a relatively medium risk zone and the basis of design seismic acceleration is 0.25g;
- the maximum bearing capacity of soil is equal to 2.5 kg/cm2




### 3. Constructive Concept

- 3.2 Prior to new construction of buttresses, dismantling of existing buttresses should be done as per project drawing no. B-ES-CM-CO-10-13-CV-006-A-0 (Contr. drg no. 1345313-AC) 2 Sheets.

- 3.3 Concreting of the structure shall be made with use of vibrators and with close control excluding the possibility of concrete disintegration, formation of cavities and other defects.

- 3.4 Inserted articles and anchor bolts shall be installed before the concreting according to the instructions on the shuttering drawing.  
Foulad Consulting Eng. Co.in Feb. 2022:

..Contd. Sheet 2 of 3

					SUBMITTED FOR		APPROVAL	<input checked="" type="checkbox"/>	REFERENCE		
						E.S.C.o. Esfahan Steel Company	DSGN	DSGN	DSG.DATE	Coke Oven NO.2 Reconstruction  DESIGN CRITERIA BUTTRESS WALL RECONSTRUCTION	
							DRWN	BK	02-09-23		
							CHECKED	DS	07-09-23		
							APPROVED		APPD.DATE		
						EMPLOYER BHILAI ENGINEERING CORPORATION LIMITED					
						CONTRACTOR SE"GIPROKOKS"	DRG. SIZE	A4	SCALE: - NTS	SHEET- 1 of 3	REV. - 0
							CONTR. DRG. NO.:				
							PROJECT DRG. NO.- D-ES-CM-CO-11-18-CV-113-I-0				
REV.	No	DATE	DESCRIPTION	REV.BY	CHK.BY						