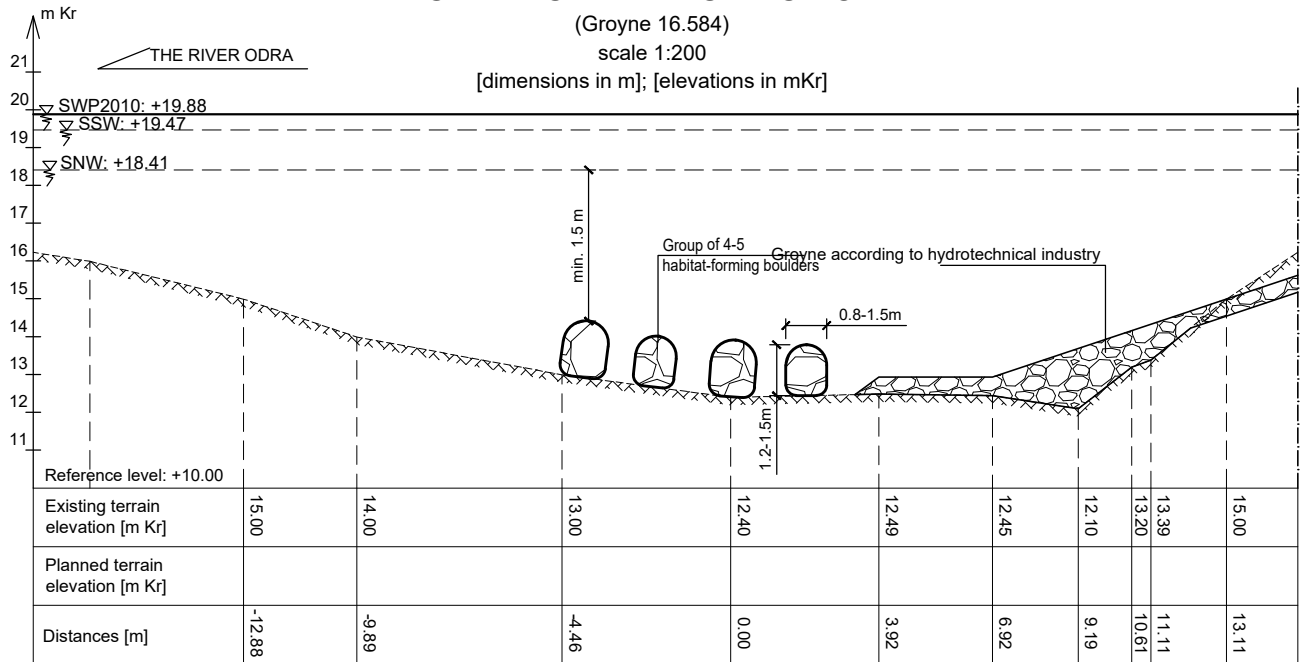



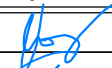
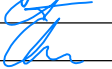
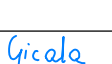
CHARACTERISTIC SECTION

(Groyne 16.584)

scale 1:200

[dimensions in m]; [elevations in mKr]



Project unit:				Sweco Consulting Sp.z o.o. 60-164 Poznań, ul. Ziębicka 35; Tel. (0-61) 864 93 00; Fax. (0-61) 864 93 01		Sweco Consulting Sp.z o.o. Office in Szczecin 71-641 Szczecin, ul. Łyskowskiego 16; Tel. 605 071 242	
Employer:			Construction project:				
Regional Water Management Authority in Szczecin ul. Tama Pomorzańska 13a 70-030 Szczecin			Odra-Vistula Flood Management Project Contract 5.4: Design and Construction Supervision for works, Project Management, Technical Assistance and Training Technical Support for the Project and Strengthening of PIU's Institutional Capacity for RZGW in Szczecin				
Project No.: 353688			Subject of document:				
			1B.2 Modernisation works on border Odra, Stage I: Modernisation works on border Odra to enable winter icebreaking Section 1: 581.0- 585.7				
Type of document: PB		Figure title:				Fig. No.:	
Trade: Environmental		Characteristic cross-section of a group of boulders				4.1.	
Date: 10.2019		Scale: 1:200					
Function:	Title, full name		Licence No., speciality			Signature	
Chief designer:	mgr inż. Witold Samolong		82/Sz/76 <small>building qualifications, specialisation: construction and engineering within the scope of hydro-engineering structures</small>				
Designer:	mgr inż. Łukasz Gontarz		ZAP/0004/POOK/11 <small>Engineering licence in construction and structures</small>				
Checked by:	mgr inż. Marek Chmielewski		ZAP/0001/POOK/14 <small>Engineering licence in construction and structures</small>				
Checked by:	mgr inż. Alicja Wilanowska		Environmental team				
Prepared by:	mgr inż. Maciej Gicala					