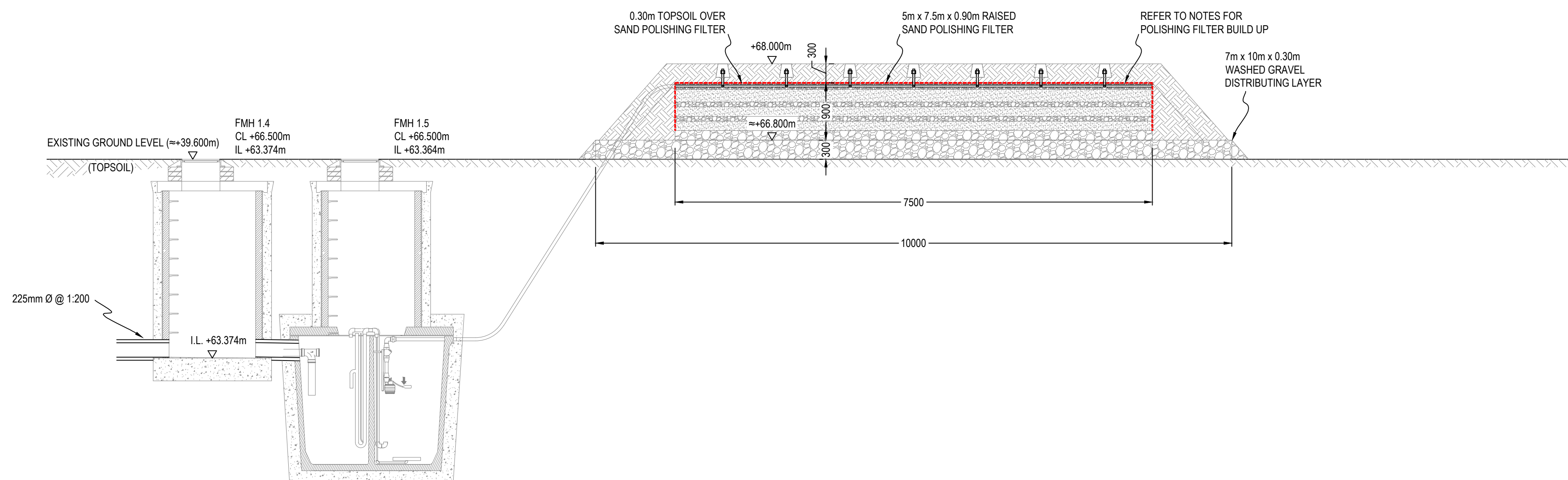


1. FOR STANDARD DOBA NOTES REFER TO DRAWING CIVAMY-DOB-1A-XX-DR-S-0001 & 0002
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S & SURVEY DRAWINGS AND SPECIFICATIONS.
3. USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
4. ALL FFL AND SSL TO BE CONFIRMED BY ARCHITECT
5. ALL DPC'S, DPM'S, RADON BARRIERS, INSULATION AND ALL WEATHERING DETAILS TO ARCHITECT'S DRAWINGS & SPECIFICATIONS
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION

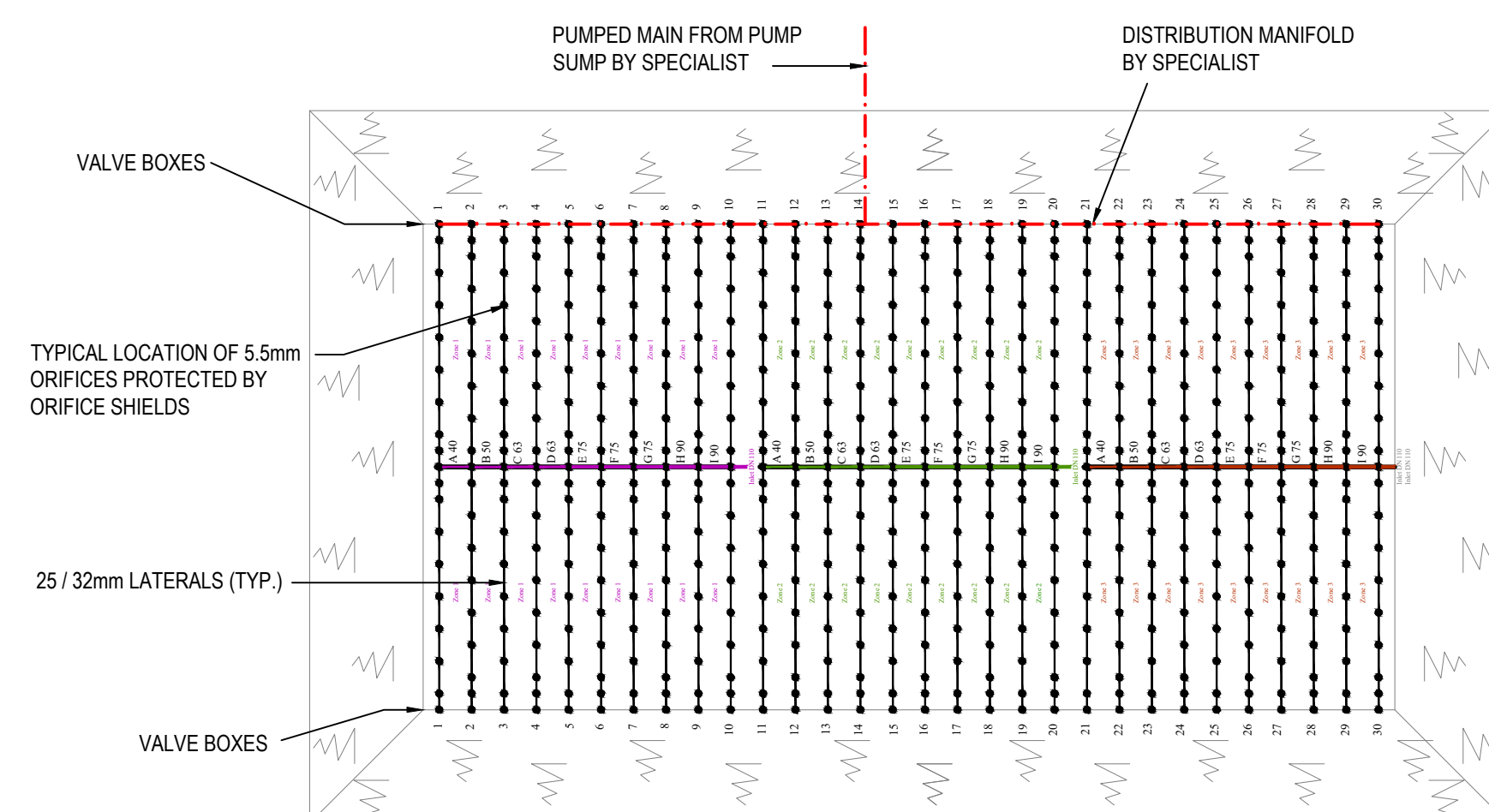
WASTEWATER TREATMENT PLANT: OUTLINE SPECIFICATION

1. MAIN CONTRACTOR TO PROVIDE WASTEWATER TREATMENT PLANT TO INCORPORATE A BELOW GROUND PRIMARY AND SECONDARY STAGES OF WASTEWATER TREATMENT USING MECHANICAL AERATION HOUSED WITHIN A GRP / CONCRETE TANK
2. PROVIDE 250MM CONCRETE BED WITH ONE LAYER OF A393 MESH (AND 300MM THICK AVERAGE MASS CONCRETE SURROUND TO GRP TANK IN ACCORDANCE WITH MANUFACTURERS INSTRUCTION).
3. TREATMENT PLANT TO BE DESIGNED BY MANUFACTURER TO ACHIEVE A TREATED EFFLUENT OF 20-39 STANDARD (MGL BIOLOGICAL OXYGEN DEMAND: MGL TOTAL SUSPENDED SOLIDS) FOR P.E. OF 10
4. GRP CHAMBERS TO BE MANUFACTURED TO BSEN 4994
5. TREATMENT UNIT TO BE DESIGNED AND SUPPLIED BY MANUFACTURER WITH ALL NECESSARY CONTROL PANELS AND KIOSKS, TELEMETRY SYSTEM FOR REMOTE MONITORING OF ALARMS, FLOWMETER AND DATALOGGER, COMPOSITE SAMPLER AND DE-SLUDGE STANDPIPE COMPLETE WITH BAUER COUPLING.
6. SYSTEM TO BE INSTALLED AND COMMISSIONED BY MANUFACTURER AND COMMISSIONING CERTIFICATE TO BE PROVIDED TO EMPLOYERS REPRESENTATIVE BY MAIN CONTRACTOR AND MANUFACTURER CONFIRMING SAME PRIOR TO HANDOVER
7. ALL LIDS TO BE LOCKABLE TYPE LIDS



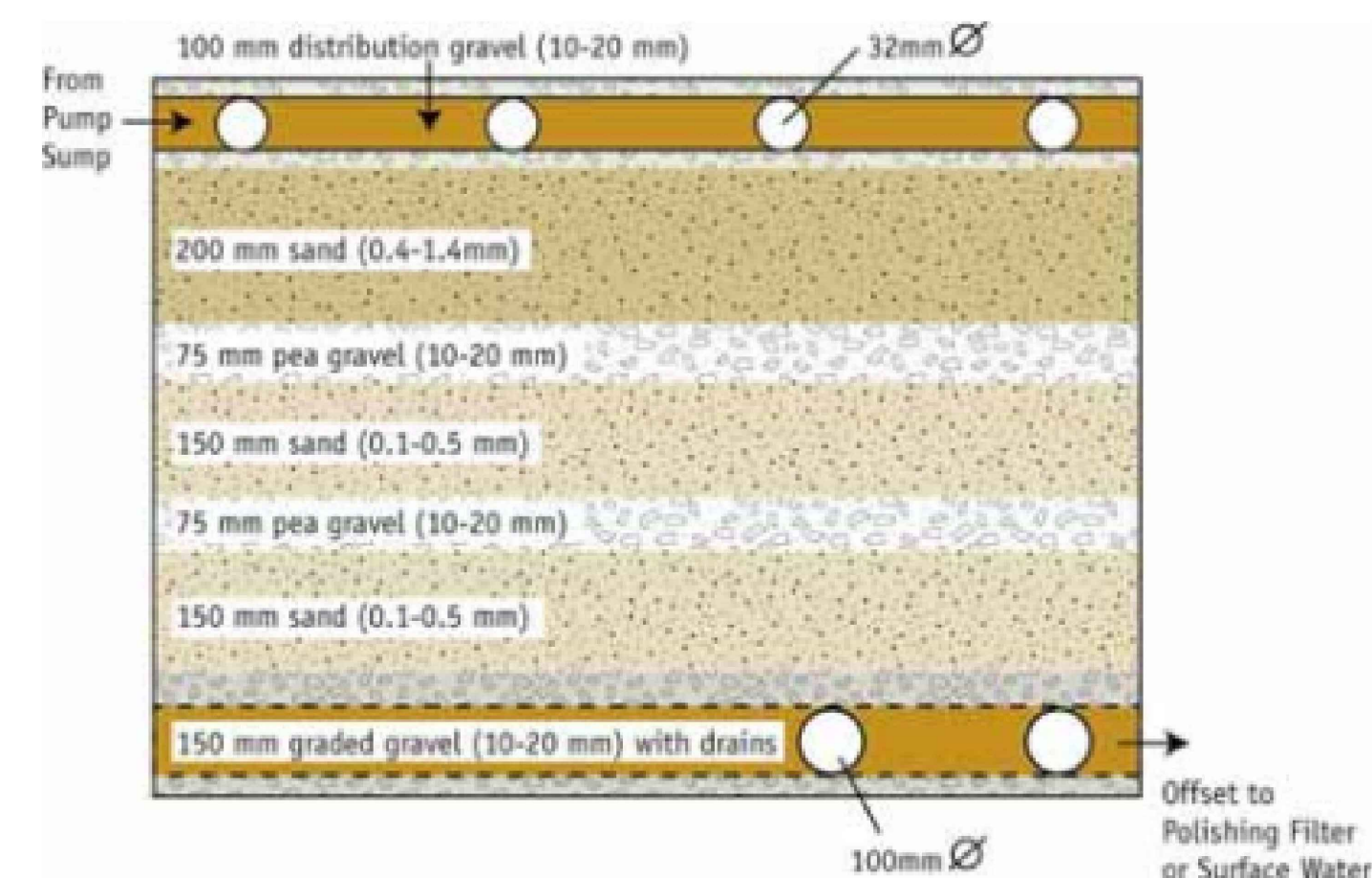
TYPICAL SECTION THROUGH MANHOLES / TREATMENT PLANT /
RAISED SAND POLISHING FILTER

SCALE: 1:50



TYPICAL INDICATIVE LAYOUT OF POLISHING FILTER

SCALE: 1:200



TYPICAL SECTION THROUGH SAND POLISHING
FILTER

SCALE: NTS

ISSUED FOR PLANNING

S2.P02	ISSUED FOR PLANNING	22.02.2019	KD	PD
S2.P01	ISSUED FOR INFORMATION	17.12.2018	KD	PD
Rev.	Note	Date	Drawn	Check

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Comhairle Chontae Chill Dara
MR. JOE BOLAND, DIRECTOR OF SERVICES
WATER SERVICES & ENVIRONMENT



Project: PROPOSED CIVIC AMENITY CENTRE
& WASTE TRANSFER FACILITY AT KILMACREDDOCK UPPER,
CASTLETOWN, CELBRIDGE, Co. KILDARE

Drawing Title: PROPOSED TREATMENT PLANT LAYOUT & DETAILS

Drawn By: KD	Checked By: PD	Approved By: DOB	Date: DEC' 2018	Scale: AS NOTED	Sheet Size: A1
Project Number: DOBA1701		Drawing Number: CIVAMY-DOB- XX-SI- DR-C-0090		Status Code: S2	Rev Number: P02