NOTES: 1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY. VALVE CHAMBER TO BE CONSTRUCTED TO ACCOMMODATE THE FITTINGS SHOWN. 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT MINIMUM 1800mm x 1800mm PROVIDE 1000x1000x300 DP C35/40 ARCHITECTURAL AND ENGINEERING DRAWINGS. CONCRETE SLAB FOR DAVITT SOCKET 225mm CLASS B HEAVY DUTY COVER AND FRAME, CLASS D400 TO IS ENGINEERING BRICKWORK FOR ALL 1 No. MINUMUM EN 124 (TO SUIT 1220mmx675mm OPENING) SPINDLE OPE COVER SUPPORTS 3 No. COURSES MAXIMUM OF 1 No. MINUMUM CLASS B ENGINEERING BRICKWORK 3 No. COURSES MAXIMUM OF ALL COVERS TO HAVE LPS 1175 SET IN MORTAR VENT PIPE HEAVY DUTY COVER AND FRAME, CLASS D400 1 No. MINUMUM / 3 No. COURSES MAXIMUM OF CLASS B ENGINEERING BRICKWORK SR3 SECURITY RATING HEAVY DUTY COVER AND FRAME, CLASS D400 TO IS EN 124 (TO SUIT 900mm SQ OPE) SET IN MORTAR TO IS EN 124 (TO SUIT 900mm SQ OPE) 80mm DUCTILE PIPE CLASS B ENGINEERING BRICKWORK HEAVY DUTY COVER AND FRAME, CLASS D400 DRAINS TO WET WELL SET IN MORTAR MALE BAUER FITTING ON GATE TO IS EN 124 (TO SUIT 900mm SQ OPENING) VALVE ON TEE TO ALLOW EMPTYING OF THE RISING MAIN CONCRETE ROOF SLAB C30/37 GRADE C30/37 - REINFORCED CONCRETE SLAB CONCRETE TO IS 206 TO WALLS BASE AND ROOF CONCRETE THRUST BLOCK TO BEND (REFER TO DRAWING NO. STD-WW-14 FOR DETAILS) HIGH LEVEL VENT 100mm DIA uPVC DRAIN FROM _____FLOW METER CHAMBER TO LOW LEVEL VENT VALVE METER CHAMBER NON RETURN VALVE FLEXIBLE 2x100mmø RISING MAINS COUPLINGS BAFFLE PLATE ON 2250 INCOMING GRADE C30/37 TO VALVE CHAMBER GRADE C30/37 CONCRETE TO IS 206 TO CONCRETE TO IS 206 TO 1400 WALLS BASE AND ROOF WALLS BASE AND ROOF 225¢ DUCTILE IRON REFER TO TABLE FOR FLAP VALVE ON VALVE CHAMBER DRAIN 80mmø DUCTILE IRON TO DISCHARGE 1997.57 ROCKER PIPE ROCKER P.C RING DIMENSIONS ABOVE PUMP CUT-IN LEVEL (AS PER PUMP SUPPLIERS RECCOMMENDATIONS) (INCOMING) IL 4.10 (INCOMING) (INCOMING) IL 4.05 225¢ INCOMING PIPE ìL 4.05 IL 4.00 (225ø OVERFLOW) TWIN S/S 300mm x 300mm SQUARE $\overline{}$ REINFORCED CONCRETE COLUMN 225¢ INCOMING PIPE BACKFILL TO TANK TO BE CLASS 6F1 MATERIAL OR SIMILAR APPROVED COMPACTED IN ACCORDANCE WITH SPECIFICATION. BAFFLE PLATE ON INLET MANHOLE NCOMING PIPE INCOMING FOUL SEWER Scale 1:50 (TO BE LOCATED ABOVE CUT IN LEVEL OF PUMPS) SCREED TOWARDS OUTLET GRADE 50 316 s/s CERTIFIED PUMP CHAIN c/w LIFTING LINKS 1m SCREED AT 45° 500 OUTLET) c/c will be installed and certified D-shackles SCREED AT 45° RC TANK DESIGN NOTE ANTI-FLOTATION CALCULATION PROVIDED PROVIDE SCREED IN-SITU -75mm GRADE C12/15 C25/30mm. AGGREGATE TANK COVER SLAB DESIGNED FOR FOR HI-AB BLINDING CONCRETE. 75mm GRADE C12/15 FINISHED WITH 1:3 VEHICLES MAINTENANCE VEHICLES CEMENT SAND MORTAR BLINDING CONCRETE. ALL TRAFFICABLE ACCESS CHAMBERS ARE TO BE LEGEND: TO D400 LOADING CLASS 2 No PUMPS -REINFORCED CONCRETE (1 DUTY & 1 STANDBY) BASE C30/37 SECTION B-B — — — POWER Scale 1:50 ___ _ _ SIGNAL ___ __ WATER NOTE: PERMEABLE AREA WITH APPROPRIATE WEED BARRIER. REFER TO IRISH WATER FOR DETAILS REINFORCED CONCRETE ESB MINI BASE C30/37 PILLAR HARDSTANDING 225ø OVERFLOW FROM AREA INLET MANHOLE. HEAVY DUTY COVER AND FRAME, WASHDOWN GULLY CLASS D400 TO IS EN 124 (TO SUIT 900mm SQ OPE) CONNECT TO THIS PIPE. VENT STACK CONTROL KIOSK | ⊕ +340 SCREED +340 SCREED 🗩 HEAVY DUTY COVER AND FRAME, CLASS D400 TO IS EN 124 (TO SUIT 900mm SQ OPE) √WET KIOSK | VENT STACK TO ALLOW VENTING OF GASEOUS SPACE ABOVE WATER STORAGE LEVEL 1:50 4.0 2 No PUMPS (1 DUTY & 1 STANDBY) PIPE TO BE INSULATED FROM FROST 1:1 0 10 20 30 40 50 60 70 80 90 100 PENSTOCK INTERNAL COLUMN SUPPORTS-ESB MINI 225¢ LOW LEVEL OUTLET AND NON RETURN √WET WELL PILLAR STORAGE TANK 10/ 03/ AN BORD PLEANALA SUBMISSION HEAVY DUTY COVER AND FRAME, PW EC CLASS D400 TO IS EN 124 (TO SUIT 900mm SQ OPE) 225ø ROCKER PIPE LENGTH SCREED TOWARDS WITH BAFFLE PLATE
OUTLET **AMENDMENT** REV. DATE DRN APPD -PENSTOCK 225¢ INCOMING FLOW PIPE DIAMETER ROCKER PIPE FLAP VALVE TO VALVE STATUS FOR PLANNING ONLY LENGTH (mm) (mm)80mm DUCTILE PIPE DRAINS TO WET WELL NOT FOR CONSTRUCTION +340 SCREED _ INLET BAFFLE 150 TO 600 600 2 NO. 1500 SEALED DUCTS FOR CABLE OPES INLET MANHOLE **Waterman Moylan** TO CONTROL CABINET VENT STACK GREATER THAN 600 TO 750 1000 **Engineering Consultants** 100mm DIA uPVC DRAIN FROM FLOW **★**++- PF ++- PF 600ø METER CHAMBER TO VALVE CHAMBER **GREATER THAN 750** 1250 TO VENT STACK TO IRISH WATER CABLE DUCTS TO BE INSTALLED WITH DRAW TO BLOCK S, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, STD-WW-34 CONTROL CABINET CORDS. SEE DRAWING DUBLIN D03 H3F4 IRELAND LONG BODY WATER IW-STD-WW-30/31 Tel: (01) 664 8900 Fax: (01) 661 3618 x 200mm DEEP FLEXIBLE JOINT TIGHT SEAL Email: info@waterman-moylan.ie www.waterman-moylan.ie ROCKER VALVE CHAMBER 1800x2500mm 400 600/ 2no 100ø VENT DUCTS, CLIENT CAIRN HOMES PROPERTIES LTD. HIGH AND LOW LEVEL MINIMUM MANHOLE DIAMETERS VALVE CHAMBER TO IRISH WATER ARCHITECT MCORM ARCHITECTS 63/100¢ RISING MAINS STANDARD DETAILS AND STD-WW-28A DIAMETER OF LARGEST INTERNAL DIAMETER OF PIPE IN MANHOLE (mm) REDUCER LONG BODY TO FALL TO DRAIN FLEXIBLE JOINT HEAVY DUTY COVER AND FRAME, CLASS D400 TO (AS REQUIRED) IN WET WELL MANHOLE (mm) IS EN 124 (TO SUIT 1220mmx675mm OPENING) **PROJECT** D.I. FLANGED PLAIN SHD AT HOLYBANKS, (mm)ENDED PIPE WITH THRUST FLANGED **SWORDS** RADIAL 90° BEND CONCRETE THRUST BLOCK TO BEND (REFER TO IW DWG STD-WW-14) LESS THAN 375 DISMANTLING FLOW METER \ D.I. FLANGED PLAIN ENDED PIPE 1200 (CUT TO SUIT) UNDER OPE WITH THRUST FLANGED (CUT TO SUIT) HEAVY DUTY COVER AND FRAME 375 TO 450 1350 VALVE CHAMBER BAUUER FITTING ON GATE VALVE ON TEE TO CLASS D400 TO IS EN 124 (TO TITLE ALLOW EMPTYING OF RISING MAIN. LOCATE METER CHAMBER SUIT 750mm SQ OPENING) FOUL PUMPING STATION DETAILS UNDER OPE. 500 TO 700 1500 SHEET 2 OF 2 Scale 1:50 DRAWN APPROVED DATE DESIGNED **MARCH 2022**

JOB NO.

17-088

1:50 **9** A1

DRG. NO.

REVISION