

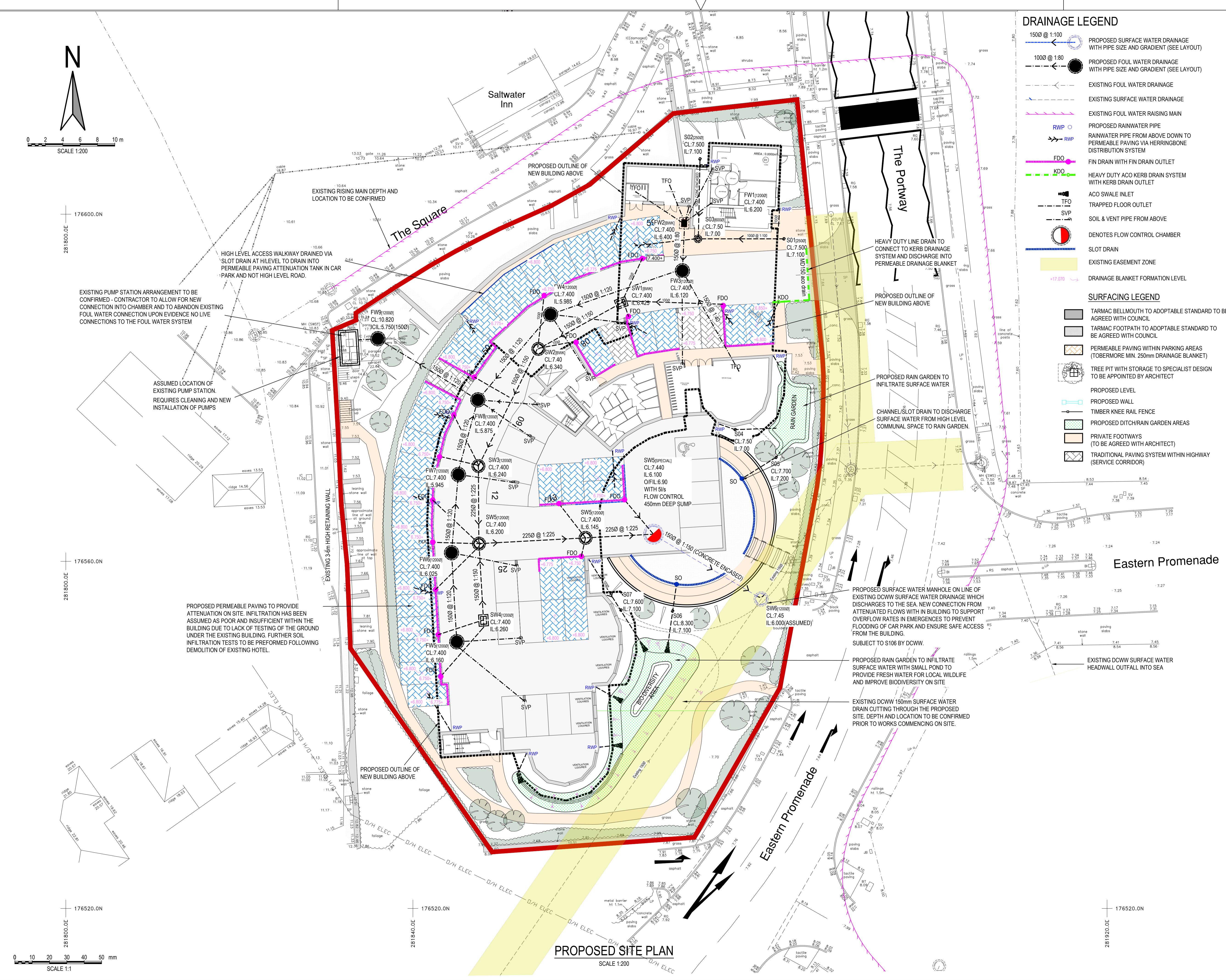
DRAINAGE LEGEND

- 1500 @ 1:100 PROPOSED SURFACE WATER DRAINAGE WITH PIPE SIZE AND GRADIENT (SEE LAYOUT)
- 1000 @ 1:80 PROPOSED FOUL WATER DRAINAGE WITH PIPE SIZE AND GRADIENT (SEE LAYOUT)
- EXISTING FOUL WATER DRAINAGE
- EXISTING SURFACE WATER DRAINAGE
- EXISTING FOUL WATER RAISING MAIN
- PROPOSED RAINWATER PIPE
- RAINWATER PIPE FROM ABOVE DOWN TO PERMEABLE PAVING VIA HERRINGBONE DISTRIBUTION SYSTEM
- FIN DRAIN WITH FIN DRAIN OUTLET
- HEAVY DUTY ACO KERB DRAIN SYSTEM WITH KERB DRAIN OUTLET
- ACO SWALE INLET
- TRAPPED FLOOR OUTLET
- SOIL & VENT PIPE FROM ABOVE
- DENOTES FLOW CONTROL CHAMBER
- SLOT DRAIN
- EXISTING EASEMENT ZONE
- DRAINAGE BLANKET FORMATION LEVEL

SURFACING LEGEND

- TARMAC BELLMOUTH TO ADOPTABLE STANDARD TO BE AGREED WITH COUNCIL
- TARMAC FOOTPATH TO ADOPTABLE STANDARD TO BE AGREED WITH COUNCIL
- PERMEABLE PAVING WITHIN PARKING AREAS (TOBERMORRE MIN. 250mm DRAINAGE BLANKET)
- TREE PIT WITH STORAGE TO SPECIALIST DESIGN TO BE APPOINTED BY ARCHITECT
- PROPOSED LEVEL
- PROPOSED WALL
- TIMBER KNEE RAIL FENCE
- PROPOSED DITCH/RAIN GARDEN AREAS
- PRIVATE FOOTWAYS (TO BE AGREED WITH ARCHITECT)
- TRADITIONAL PAVING SYSTEM WITHIN HIGHWAY (SERVICE CORRIDOR)

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
 - DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
 - ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
- GENERAL NOTES:**
- THE DEVELOPER MUST SELF VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED ADOPTABLE SEWERS ARE IN ACCORDANCE WITH THOSE SET OUT IN "SEWERS FOR ADOPTION" 7TH EDITION, THE WELSH MINISTERS STANDARDS AND THE REQUIREMENTS OF DCWW AS THE STATUTORY SEWERAGE UNDERTAKER.
 - SUBJECT TO A SECTION 104 ADOPTION AGREEMENT BEING COMPLETE, A SECTION 106 APPLICATION TO CONNECT MUST BE MADE TO DCWW. THE DEVELOPER SHALL GIVE 21 DAYS NOTICE PRIOR TO CONNECTION. THE WORKS MAY ONLY BE UNDERTAKEN BY A SIPS REGISTERED CONTRACTOR.
 - HAZARDOUS WASTE:** CONTRACTOR TO PROVIDE EVIDENCE OF THE PROPOSED REMOVAL OF THE EXISTING PITCH FIBRE DRAINAGE RUN.
 - CONTRACTOR TO CONFIRM PRIOR TO THE ABANDONMENT OF SEWER THAT NO EXISTING CONNECTION UPSTREAM EXIST. (TO ENSURE NO EXISTING USERS ARE CUT OFF.)
 - COMPLIANCE WITH HEALTH & SAFETY MATTERS ON ANY TRENCH/MANHOLE IS OBLIGATORY AND A PERMIT TO ENTER A CONFIRMED SPACE IS REQUIRED WHEN CONNECTING SITE DRAINAGE TO THE EXISTING PUBLIC SEWERAGE SYSTEM. A PERMIT TO ENTER A CONFIRMED SPACE WILL BE OBTAINED FROM DWR CYMRU/WELSH WATER PRIOR TO THE WORKS COMMENCING ON ANY PUBLIC SEWERAGE SYSTEM.
 - MH COVER & FRAMES SHALL BE DUCTILE IRON WITH A MINIMUM SQUARE OPENING OF 675x675mm. COVERS SHALL BE DOUBLE TRIANGLE FOR 675mm SQUARE OPENINGS AND BE PROVIDED WITH LOOSE BOLTED CONNECTIONS. FRAME DEPTH SHALL BE 150mm.
 - ALL IRONWORK TO BE KITE MARKED BY BSI OR CERTIFIED BY EQUAL INSPECTION AUTHORITY.
 - PLANTING CLOSE TO ADOPTABLE DRAINAGE RUNS INDICATED IS TO ACCORD WITH THE SPECIFICATIONS IN SFA 7th EDITION SECTION C3.1.13 TO COMPLY WITH THE REQUIREMENTS OF SFA 7th & THE WELSH MINISTERS STANDARDS.



Preliminary Issue

rev.	drawn	chkd.	appd.	date	description
02	RSP	JW	LR	2020	FOUL DRAINAGE ADDED, LAYOUT ALTERED TO SUIT
01	JW	JW	LR	2020	PRELIMINARY ISSUE FOR DISCUSSION

Client: **INSPIRE DESIGN**

Project: **RESIDENTIAL DEVELOPMENT FORMER GLAMORGAN HOTEL Porthcawl**

Title: **LOWER GROUND FLOOR PROPOSED DRAINAGE LAYOUT**



date	drawn	checked	approved
FEB '20	JW	MJ	LR

scale @ A1: **AS SHOWN** 10511

status	drg. no.	rev.
P	10511/500	02