



- KEY**
- BIORETENTION/SWALES/ WETLANDS
 - PROPOSED SURFACE WATER SEWER AND MANHOLE/INSPECTION CHAMBER
 - PROPOSED DIVERSION OF EXISTING HIGHWAY SURFACE WATER SEWER AND MANHOLES
 - PROPOSED FOUL WATER SEWER
 - EXISTING DRAINAGE TO BE DIVERTED/REMOVED
 - EXISTING COMBINED WATER DCWW PUBLIC SEWER - LEVELS TO BE SURVEYED AND REPORTED TO ENGINEER
 - EXISTING SURFACE WATER SEWER - TO BE MAINTAINED
 - PROPOSED CONCRETE CULVERTS UNDER EXISTING HARBOUR WAY ROAD
 - PROPOSED CONCRETE HEADWALL WITH NON RETURN FLAP VALVE
 - PROPOSED ACO OUTLET/INLET
 - PROPOSED LINEAR DRAINAGE CHANNEL
 - PROPOSED BEAM BLOCK KERBING

- SAB DRAINAGE NOTES:**
1. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DRAWINGS.
 2. THE SURFACE WATER DRAINAGE IS SUBJECT TO APPROVAL BY THE SAB. THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT SPECIFICATION AND CONSTRUCTION PUBLICATION IN FORCE IN THE COUNTRY AT THE TIME OF CONSTRUCTION.
 3. ALL SWS PIPEWORK TO BE CONFIRMED.
 4. DRAINAGE TO ENGINEERING BATTERS AND GROUNDWATER RELIEF CUT OFF DRAINAGE TO BE CONFIRMED BY GEOTECHNICAL ENGINEERS, INCLUDING BUT NOT LIMITED TO ANY REQUIREMENT FOR FIN DRAINAGE ON SLOPES AND ANTICIPATED GROUNDWATER FLOWS.
 5. DRAINAGE REQUIREMENTS FOR RETAINING STRUCTURES TO BE CONFIRMED BY STRUCTURAL ENGINEERS.
 6. ALL LAND DRAINAGE TO BE 225mm PERFORATED PIPEWORK BE LAID AT MIN FALL OF 1:200 WITH MIN 600mm COVER TO TOP OF PIPE FROM PROPOSED GROUND LEVEL WITH 450 Ø PLASTIC CATCHPITS UNLESS OTHERWISE SPECIFIED. TYPE 1 (TURF FINISHED) AND TYPE 2 (GRAVEL FINISHED) TO BE USED IN ACCORDANCE WITH LANDSCAPE ARCHITECT'S PREFERENCES.
 7. THRESHOLD DRAINAGE TO ARCHITECT'S SPECIFICATION.
 8. ALL DRAINAGE OUTFALLS AND CONNECTIONS TO EXISTING FEATURES/SYSTEMS SHALL BE CHECKED & SURVEYED AND THE RESULTS PASSED TO THE OVERSEEING AUTHORITY / CLIENT IN ADVANCE OF THE START OF DRAINAGE WORKS
 9. ALL LINEAR DRAIN OUTLETS TO BE Ø100mm AT MINIMUM FALL OF 1 in 150 TO MAXIMUM FALL OF 1 in 10 UNLESS STATED.
 10. ALL PRIVATE FWS DRAINS TO BE Ø100mm PLASTIC PIPEWORK LAID AT A MINIMUM SLOPE OF 1 in 40 UPSTREAM OF FIRST W.C. CONNECTION ON A RUN. AFTER CONNECTION OF 1st W.C. TO BE LAID AT MINIMUM SLOPE OF 1 in 80 UNLESS STATED.
 11. PIPEWORK TO HAVE BED AND SURROUND AS FOLLOWS:
 - UNDERNEATH PRIVATE DRIVEWAYS, PARKING AREAS WITH RESTRICTIONS TO PREVENT ACCESS BY VEHICLES IN EXCESS OF 7.5T AND PATHWAYS ADJACENT TO VEHICLE ACCESS TO BE:
 - COVER TO TOP OF PIPE > 0.9m - TYPE S or TYPE T (PLASTIC)
 - COVER TO TOP OF PIPE < 0.9m - TYPE Z (CONCRETE SURROUND)
 - UNDERNEATH DOMESTIC GARDENS AND PATHWAYS WITH NO POSSIBILITY OF VEHICLE ACCESS TO BE:
 - COVER TO TOP OF PIPE > 0.35m - TYPE S or TYPE T (PLASTIC)
 - COVER TO TOP OF PIPE < 0.35m - TYPE Z (CONCRETE SURROUND).

File name: Y:\26000-26999\26279 - SWITCH\CH01 - WIP\DR - Drainage\CS\SW-HYD-52-ZZ-D-C-0600 Drainage Layout.dwg

REVISIONS

| Rev | Date | Description | By | Ckd | App |
|-----|----------|---|----|-----|-----|
| P04 | 02/08/24 | Updated to suit flood modelling levels | JH | JH | MA |
| P03 | 27/06/24 | Updated drainage to suit to additional existing level information and layout alteration | JH | JH | MA |
| P02 | 19/04/24 | Updated drainage to suit to additional existing level information and layout alteration | JH | JH | MA |
| P01 | 20/03/24 | First Issue | HS | JH | MA |

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CLIENT
MORGAN SINDALL

PROJECT
SWITCH HARBOURSIDE

TITLE
DRAINAGE LAYOUT

HYDROCK PROJECT NO.
C-26279

SCALE @ A1
1:500

STATUS DESCRIPTION
FOR STAGE APPROVAL

DRAWING NO. (PROJECT ORIGINATOR.ZONE LEVEL TYPE.ROLE NUMBER)
26CB02-HYD-52-ZZ-D-C-0600

STATUS
S4

REVISION
P04