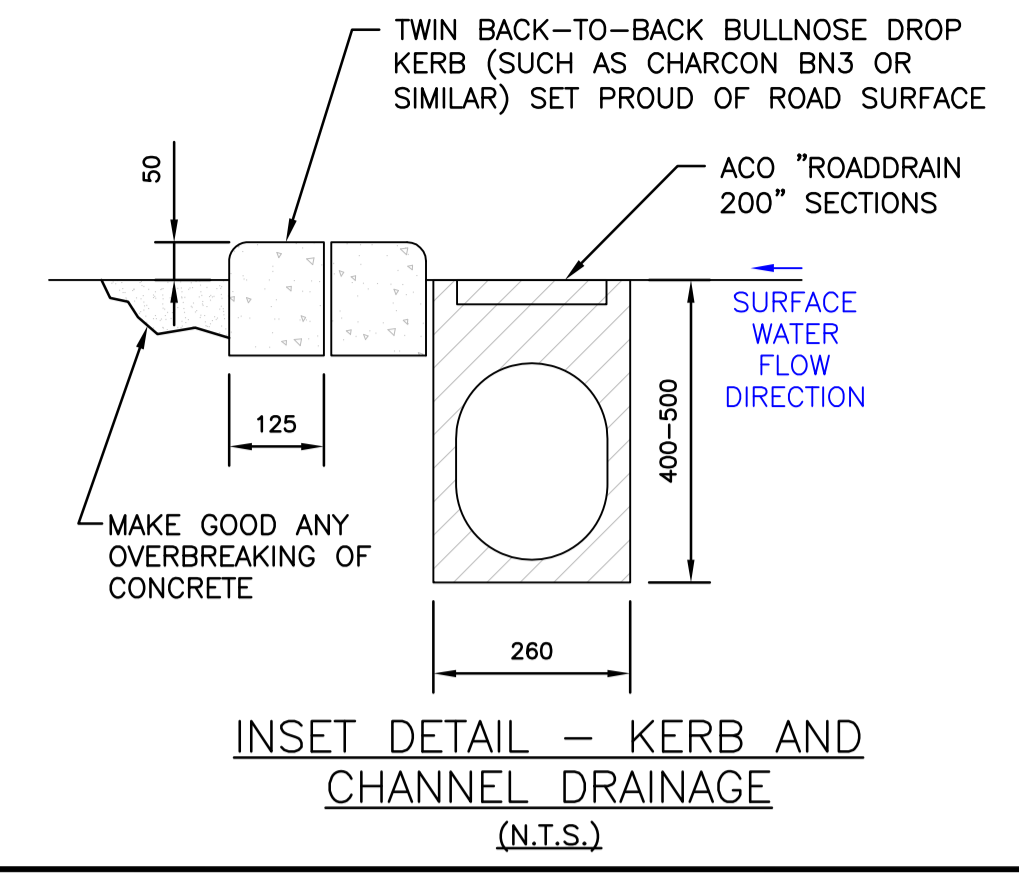


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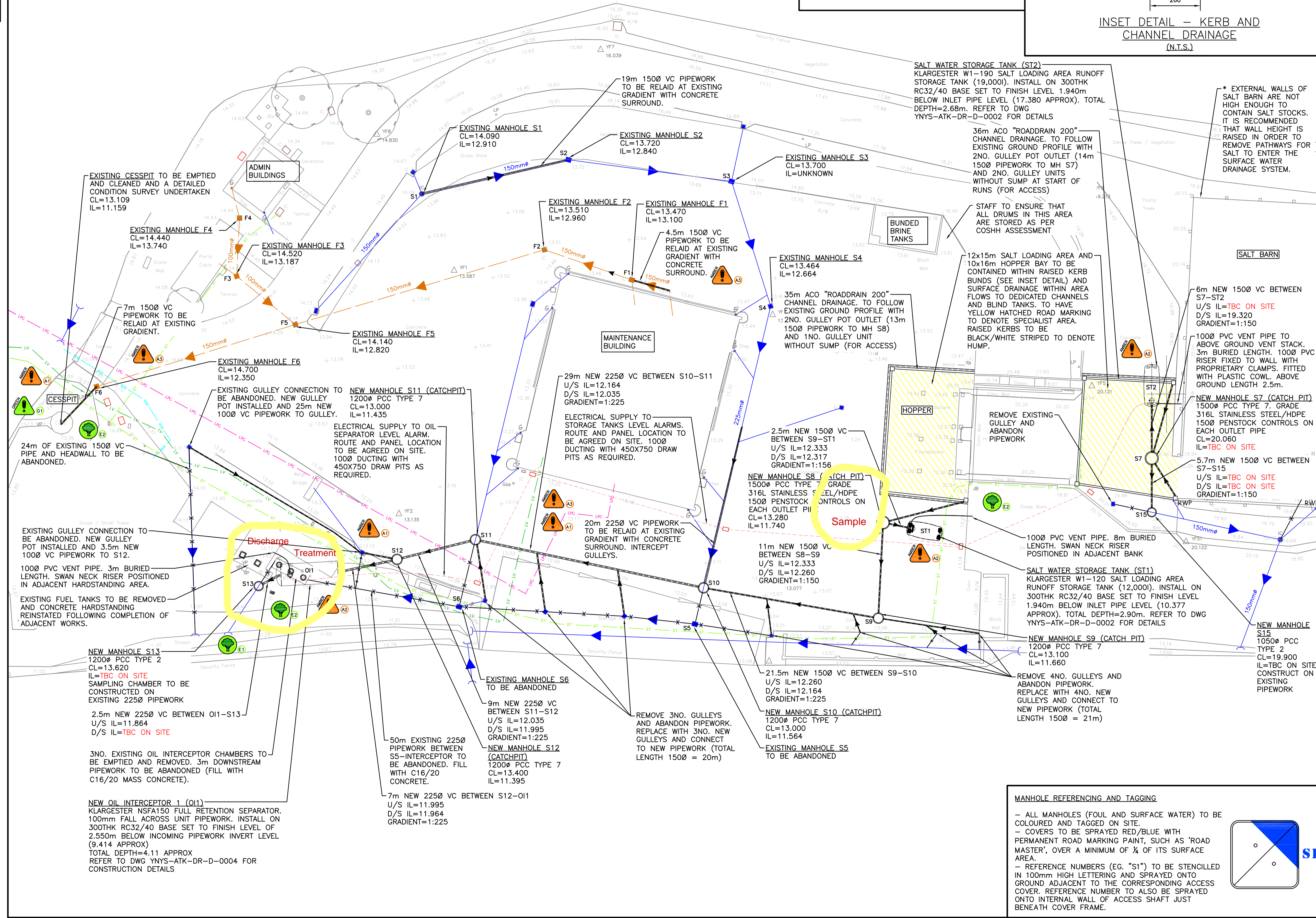


KEY:

- SURFACE WATER PIPEWORK
- FOUL WATER PIPEWORK
- PROPOSED DRAINAGE PIPEWORK
- PIPEWORK TO BE ABANDONED
- PROPOSED COMMS DUCT
- LOW PRESSURE GAS MAIN
- WATER MAIN
- LV CALBES UNDERGROUND
- BT CABLES UNDERGROUND



- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - ALL LEVELS ARE IN mAOD UNLESS OTHERWISE STATED.
 - BURIED SERVICES WILL EXIST ON THE SITE. NO INFORMATION IS CURRENTLY AVAILABLE CONCERNING THEIR LOCATION SO THE POSITIONS SHOULD BE VERIFIED ON SITE PRIOR TO EXCAVATION. HSG47 GUIDANCE SHOULD BE FOLLOWED.
 - THE EXISTING DRAINAGE LAYOUT HAS BEEN REPRODUCED FROM THE SITE CONDITION REPORT PRODUCED BY MOTT MACDONALD IN 2008 WITH INFORMATION UPDATED FOLLOWING THE DRAINECH SURVEY IN NOVEMBER 2014 AND SITE OBSERVATIONS.
 - THE SITE LAYOUT HAS BEEN PROVIDED BY SWTRA AND IS REPRODUCED FROM THE SITE CONDITION REPORT PRODUCED BY MOTT MACDONALD IN 2008.
 - MISCELLANEOUS CONSTRUCTION DETAILS ARE PROVIDED ON DRAWING YNYS-ATK-DR-0003
 - SPECIFICATION TO MCHW VOLUME 1 SERIES 0500 UNLESS SPECIFIED OTHERWISE.
 - THE POSITIONS OF EXISTING SERVICES SHOWN ON THE DRAWINGS ARE TAKEN FROM INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES IN THEIR SERVICE RETURNS. THE EXACT LOCATION OF THESE SERVICES CANNOT BE GUARANTEED BY THESE STATUTORY UNDERTAKERS, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THESE POSITIONS PRIOR TO UNDERTAKING ANY EXCAVATION WORK IN THE VICINITY OF THE SERVICES.
 - ABANDONED GULLIES TO BE DISCONNECTED AND FILLED WITH C16/20 CONCRETE AS PER CESM CLAUSE 5.23
 - EXISTING LEVELS TO BE CONFIRMED ON SITE PRIOR TO WORK COMMENCING.
 - ALL PROPOSED CATCHPITS TO HAVE HEAVY DUTY SOLID COVERS TO BS EN 124



SAFETY, HEALTH & ENVIRONMENT (S.H.E.) INFORMATION BOX

| SAFETY AND HEALTH ISSUES | |
|---|--|
| SPECIFIC RESIDUAL HAZARDS HAVE BEEN IDENTIFIED ON THE DRAWING WITH THE FOLLOWING SYMBOLS; | |
| | R1. NONE |
| | A1. BURIED SERVICES MAY EXIST ON SITE. A2. DEEP EXCAVATION A3. VEHICLE MOVEMENTS |
| | G1. AUTOMATED GATE OPENS ACROSS CESS PIT |
| GENERAL SITE-WIDE RESIDUAL HAZARDS ARE: 1. NONE IDENTIFIED. | |
| ENVIRONMENTAL ISSUES | |
| SPECIFIC ENVIRONMENTAL ISSUES HAVE BEEN IDENTIFIED ON THE DRAWING WITH THE FOLLOWING SYMBOLS; | |
| | E1. WORKING ADJACENT TO WATERCOURSE. |
| | E2. WORKING ADJACENT TO TREES. |
| GENERAL SITE-WIDE ENVIRONMENTAL ISSUES ARE: 1. NONE IDENTIFIED. | |

FOR CONSTRUCTION

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Client: Yn gweithio ar ran Llywodraeth Cymru Working on behalf of the Welsh Government

Project Title: SWTRA DEPOTS DRAINAGE IMPROVEMENTS

Drawing Title: YNYSFORGAN DEPOT - LAYOUT PLAN OF DRAINAGE MODIFICATIONS

| | | | | |
|------------------------------------|----------------|----------------|----------------|----------------|
| Scale: 1:200 | Designed: TR | Drawn: KY | Checked: TD | Authorised: SE |
| Original Size: A1 | Date: 26/02/15 | Date: 26/02/15 | Date: 26/02/15 | Date: 26/02/15 |
| Drawing Number: YNYS-ATK-DR-D-0001 | Revision: | | | A |

MANHOLE REFERENCING AND TAGGING

- ALL MANHOLES (FOUL AND SURFACE WATER) TO BE COLOURED AND TAGGED ON SITE.
- COVERS TO BE SPRAYED RED/BLUE WITH PERMANENT ROAD MARKING PAINT, SUCH AS 'ROAD MASTER', OVER A MINIMUM OF 1/4 OF ITS SURFACE AREA.
- REFERENCE NUMBERS (E.G. "S1") TO BE STENCILLED IN 100mm HIGH LETTERING AND SPRAYED ONTO GROUND ADJACENT TO THE CORRESPONDING ACCESS COVER. REFERENCE NUMBER TO ALSO BE SPRAYED ONTO INTERNAL WALL OF ACCESS SHAFT JUST BENEATH COVER FRAME.