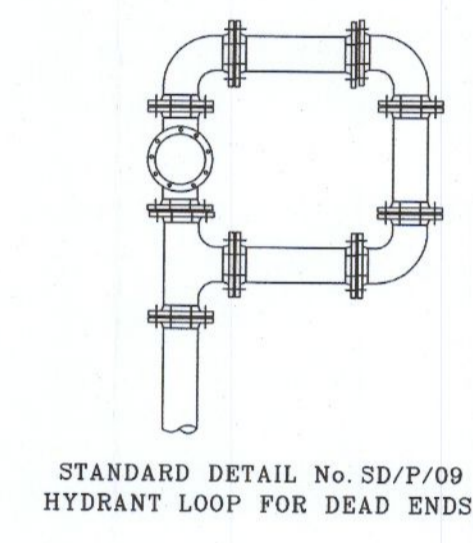


- NOTES**
- 1.0 DRAWINGS ARE NOT TO BE SCALED. USE ONLY STATED DIMENSIONS. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES.
 - 2.0 ALL LEVELS REFER TO OS DATUM MAIN HEAD.
 - 3.0 THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER CONTRACT DOCUMENTATION.
 - 4.0 ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE DEPARTMENT OF ENVIRONMENT RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS AND THE SPECIFIC REQUIREMENTS OF THE LOCAL AUTHORITY.
 - 5.0 CONCRETE BASES AND SURROUNDS SHALL BE GRADE C30 SURROUNDS SHALL BE A MINIMUM 150MM THICK AND CONTAIN ONE LAYER OF A142 MESH.
 - 6.0 BLINDING CONCRETE SHALL BE GRADE C15 BLINDING SHALL BE MINIMUM THICKNESS OF 100MM.
 - 7.0 SAND CEMENT RENDER SHALL BE A MINIMUM 25MM THICK WITH STEEL TROWEL FINISH.
 - 8.0 CHAMBERS COVERS AND FRAMES SHALL COMPLY WITH THE REQUIREMENTS OF BS 261 AND SHALL BE MINIMUM CLASS D400. CHAMBER COVERS SHALL BE BADGED WITH THE APPROPRIATE LETTERING TO INDICATE THE TYPE OF VALVE.
 - 9.0 HYDRANTS SHALL COMPLY WITH THE REQUIREMENTS OF BS 750 AND SHALL BE A TYPE APPROVED BY THE LOCAL AUTHORITY AND THE COUNTY FIRE OFFICER.
 - 10.0 HYDRANT CHAMBER COVERS SHALL BE PAINTED CANARY YELLOW WITH AN APPROVED ENAMEL PAINT.
 - 11.0 HYDRANTS SHALL NOT BE PLACED IN THE PUBLIC ROAD OR OTHER AREAS WHERE THE HYDRANT COULD BE OBSTRUCTED.
 - 12.0 MARKER POSTS AND INDICATOR PLATES SHALL COMPLY WITH THE REQUIREMENTS OF BS 3251.
 - 13.0 SEMI ENGINEERING BRICK SHALL BE GRADE 4NMM2.
 - 14.0 ANCHOR BLOCKS SHALL BE GRADE 30N20 CONCRETE.
 - 15.0 STOPCOCKS SHALL COMPLY WITH THE REQUIREMENTS OF 1010 PART 2.
 - 16.0 ALL CONNECTIONS TO THE LOCAL MAINS SHALL BE COMPLETED BY THE LOCAL AUTHORITY OR UNDER THE SUPERVISION OF THE LOCAL AUTHORITY.
 - 17.0 ALL PRESSURE TESTING & STERILISATION SHALL BE COMPLETED BY THE LOCAL AUTHORITY OR UNDER THE SUPERVISION OF THE LOCAL AUTHORITY.
- ANCHOR BLOCKS**
- ANCHOR BLOCKS SHALL BE GRADE 30N20 CONCRETE AND SHALL BE PLACED AROUND PRESSURE PIPES AT BOTH SIDES OF ALL VALVE CHAMBERS AND AT BENDS OF GREATER CURVATURE OF 22.5 DEGREES.
- BLOCKS SHALL BE TAKEN 150MM BELOW THE PIPE INVERT FOR THE FULL WIDTH OF THE TRENCH AND SHALL ENCASE THE PIPE TO 150MM OVER THE TOP OF THE BARREL.
- THE MINIMUM LENGTH OF ANCHOR BLOCK SHALL BE 800MM FOR PIPES UP TO 150MM Ø AND 900MM OTHERWISE.
- ANCHOR BLOCKS SHALL BE PROVIDED AT ALL DEAD ENDS TEES AND TAPERS.
- STEELY INCLINED PIPELINES SHALL BE SECURED WITH TRANSVERSE ANCHOR BLOCKS.



STANDARD DETAIL No. SD/P/09
HYDRANT LOOP FOR DEAD ENDS.

LEGEND

- F EXISTING 225MM/300MMØ UNKNOWN GRAVITY FOUL SEWER
 - 100FW NEW 100MMØ uPVC FOUL SEWER @ 1/50 FALL
 - 150FS NEW 150MMØ uPVC FOUL SEWER @ 1/50 FALL
 - 150SW NEW 150MMØ uPVC SW SEWER @ 1/100 FALL
 - S NEW 225MMØ uPVC SW SEWER @ 1/100 FALL
 - WATER EXISTING WATERMAIN
 - wMAIN NEW 110MMØ W/AVN AQUAFORCE FULLY WELDED WATER MAIN
 - S NEW 63MMØ WATER SERVICE PIPE
 - AJ NEW W/AVN SHALLOW AJ INSPECTION CHAMBER
 - MH NEW BLOCKWORK MANHOLE CHAMBER
 - IC NEW TEGRA 600 MANHOLE INSPECTION CHAMBER
 - SV SLUICE VALVE
 - H HYDRANT
 - M IW APPROVED BULK WATER METER
- ALL UPVC SEWER PIPES SHALL BE STRENGTH GRADE SN8 / SDR34
- ALL PIPES UNDER ROADWAYS SHALL BE BENCHED IN CONCRETE & PROVIDED WITH MOVEMENT JOINTS IN ACCORDANCE WITH IW DETAILS

Storage Block for Water Tank
(3m Wide x 3m Deep x 3.2 High)
To Be Designed to M&E Specification

**PROPOSED SERVICES
FOUL, SW DRAINAGE & WATER SUPPLY**
SCALE 1:150

- NOTES**
1. For setting out refer to Architect's drawings.
 2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
 3. DO NOT SCALE THIS DRAWING. Use figured dimensions only.
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PROGRESS

PLANNING

TENDER

CONSTRUCTION

Issued To	Date	No. Of Copies
Architect		
Quantity Surveyor		
Main Contractor		
M. & E. Engineers		
Client		
Clerk of Works		

Rev	By	Date	Description
PL1	AA	22.07.2022	PLANNING
PL2	AA	02.08.2022	ENTRANCE PIERS

Scales: _____ Date: AUGUST 2022 Drawn: AA Checked: _____

JOB TITLE
**PROPOSED RESIDENTIAL DEVELOPMENT
THE CLOISTER, LUCAN RD**
DRG. TITLE
**ENGINEERING SERVICES
FOUL / SW / WATER SUPPLY**

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