



- DRAINAGE NOTES**
1. THE PROPOSED NEW CONNECTIONS INTO THE SEWER DIVERSION WOULD BE SUBJECT TO APPROVAL BY SCOTTISH WATER DEVELOPMENT OPERATIONS TEAM.
 2. PVC STRUCTURED WALL GRAVITY SEWER PIPES WITH MANUFACTURERS FLEXIBLE JOINTS AND COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 12201 WITH PRESSURE CLASSIFICATION S40 AND S45 4.0-01 OR VITRIFIED CLAY PIPES WITH MANUFACTURERS FLEXIBLE JOINTS AND COMPLY WITH THE RELEVANT REQUIREMENTS OF BS EN 285.
- SEWER NOTES**
1. TO BE PVC RAIN WALL WITH MANUFACTURERS FLEXIBLE JOINTS AND COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 12201 WITH PRESSURE CLASSIFICATION S40.
 2. ALL ACCESS POINTS AND CHAMBERS TO BE IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF BS EN 12201.
 3. PRECAST CONCRETE CHAMBERS TO BE IN ACCORDANCE WITH TABLE NA 22 OF BS EN 12201.
 4. SEWERAGE INSTALLATION WORKS TO BE CARRIED OUT IN ACCORDANCE WITH "SEWERS FOR SCOTLAND, 4TH EDITION - OCTOBER 2019".
 5. THE SEWER DESIGN ON THIS DRAWING IS BASED ON THE USE OF UPVC PIPES IN ACCORDANCE WITH CLAUSE 2.22 OF "SEWERS FOR SCOTLAND, 4TH EDITION - OCTOBER 2019".
 6. PIPE SIZES 100MM TO 300MM DIAMETER INCLUSIVE SHOULD BE THERMOPLASTIC STRUCTURED WALL SEWER PIPE, TERRAZCOTTA IN COLOR AND SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 12476-1 AND WAS 4.35-01 AND BS EN 12476-2 OR BS EN 12476-3.
 7. ALTERNATIVELY FOR PIPE SIZES 100MM TO 300MM DIAMETER INCLUSIVE, VITRIFIED CLAY PIPES CAN BE USED. THESE MUST HAVE THE MANUFACTURERS FLEXIBLE JOINTS AND COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 285-1 OR BS 60.
 8. ALTERNATIVELY FOR PIPE SIZES GREATER THAN 300MM TO 300MM INCLUSIVE, UNREINFORCED OR REINFORCED CONCRETE PIPES CAN BE USED. THESE MUST COMPLY WITH THE RELEVANT PROVISIONS OF BS 381-1 AND BS EN 1916.
 9. FOR PIPE SIZES GREATER THAN 300MM, UNREINFORCED OR REINFORCED CONCRETE PIPES MUST COMPLY WITH THE RELEVANT PROVISIONS OF BS 391-1 AND BS EN 1916.
 10. CONCRETE PROTECTION TO SEWERS TO BE IN ACCORDANCE WITH CURRENT SCOTTISH WATER SPECIFICATION. CONCRETE PROTECTION SHOWN ON DRAWING IS BASED ON THE USE OF UPVC PIPEWORK AND IS INDICATIVE ONLY. CONCRETE SURROUNDING TO BE USED FOR VITRIFIED CLAY AND CONCRETE PIPEWORK.
 11. MANHOLES TO BE CONSTRUCTED IN ACCORDANCE WITH CLAUSE 2.20 OF "SEWERS FOR SCOTLAND, 4TH EDITION - OCTOBER 2019". SAFETY CHAINS TO BE PROVIDED WHERE OUTLET PIPE IS 60MM Ø OR GREATER. LADDERS TO BE PROVIDED WHERE MANHOLE DEPTH IS GREATER THAN 8M.
 12. GULLY CONNECTIONS TO BE 100MM DIAMETER AND POSITIONS TO BE VERIFIED ON SITE PRIOR TO INSTALLATION OF BRANCHES.

- LEGEND (ACCEPTING AUTHORITY)**
- EXISTING FULL SEWER (SCOTTISH WATER)
 - EXISTING SURFACE WATER SEWER (SCOTTISH WATER)
 - ROAD DRAIN / GULLY (HIGHLAND COUNCIL)
 - SURFACE WATER SEWER (SCOTTISH WATER)
 - SURFACE WATER SOAKAWAY (HIGHLAND COUNCIL)
 - GRASS SINGLE (HIGHLAND COUNCIL)
 - FILTER DRAIN WITH PERFORATED PIPE (HIGHLAND COUNCIL)
 - EXISTING SINGLE GULLY (HIGHLAND COUNCIL)
 - EXISTING DOUBLE GULLY (HIGHLAND COUNCIL)
 - PROPOSED TRAPPED GULLY (HIGHLAND COUNCIL)
 - DETENTION BASIN ACCESS TRACK (SCOTTISH WATER)

ALL EXISTING DRAINAGE DESIGN INCLUDING THE DETENTION BASIN, DOWNSTREAM OF THIS LOCATION TO BE AS PER THE FOLLOWING WYG DRAWINGS:

- A060124-7-21-C-000 DRAINAGE LAYOUT
- A060124-7-21-C-010 DETENTION BASIN SETTING OUT

PERIMETER BUND AROUND DETENTION BASIN IS TO BE INCREASED IN WIDTH AND HEIGHT. INCREASE WIDTH TO BE ON THE OUTSIDE EDGE OF THE EXISTING BUND SO THAT THE VOLUME OF STORAGE WITHIN THE BASIN REMAINS AS CURRENT.

- ORIGINAL DESIGN FOR DETENTION BASIN TAKEN FROM THE FOLLOWING WYG DRAWINGS:
- A060124-7-21-C-000 DRAINAGE LAYOUT
 - A060124-7-21-C-010 DETENTION BASIN SETTING OUT

Revision	Date	By	Comments

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Client
INVERNESS AIRPORT BUSINESS PARK

Project
**WORKS TO VALLANCE ROAD,
INVERNESS AIRPORT BUSINESS PARK,
INVERNESS**

Title
**DRAINAGE LAYOUT FOR VALLANCE ROAD
INCLUDING ALTERATIONS TO EXISTING
DRAINAGE SHEET 2 OF 2**

Drawn By	JS	Date	31.01.24
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