



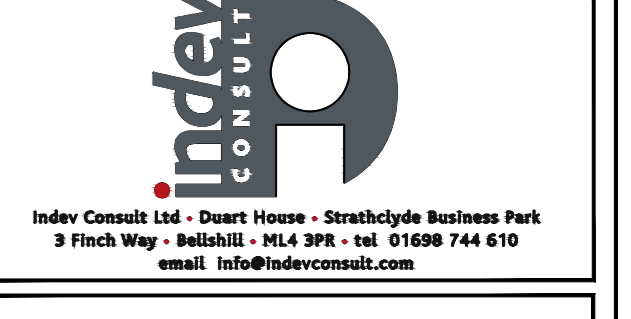
- NOTES
- DO NOT SCALE FROM THIS DRAWING
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND VERIFICATION OF ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT
  - THE CONTRACTOR SHALL CONFIRM AND BRING TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES CONTAINED IN THIS DRAWING PRIOR TO COMMENCEMENT.

- ALL ADOPTABLE DRAINAGE TO BE INSTALLED TO THE COMPLETE SATISFACTION OF SCOTTISH WATER AND IN ACCORDANCE WITH THE SEWERS FOR SCOTLAND - 4TH EDITION.
- ALL BUILDING DRAINAGE TO COMPLY WITH LOCAL AUTHORITY DEPARTMENT OF SEWERAGE STANDARD DETAILS WHERE APPLICABLE AND STANDARD DETAILS FOR SCOTTISH WATER.
- ALL EXTERNAL GULLYS/STUMP UNITS SHALL BE DROWN TO COVER OF PIPES (LESS THAN 150MM Ø SUITABLY ENCASED IN CONCRETE).
- ALL PIPES WITHIN THE SITE BOUNDARIES TO HAVE A 150MM THICK CONCRETE SURROUND WHERE DROWN TO COVER OF PIPES (LESS THAN 150MM Ø SUITABLY ENCASED IN CONCRETE) BY 1.5M IN AREAS SUBJECT TO TRAFFIC LOADS BY 1.5M IN AREAS FOR PEDESTRIANS OR SOFT LANDSCAPING.
- ALL 150mm AND 225mm DIAMETER PIPES TO BE EITHER G500 LA TRAPEZOIDAL PIPES OR EXTRA STRENGTH VITRIFIED CLAY PIPES TO BS85. ALL PIPES OF 300mm DIAMETER TO BE G500 LA TRAPEZOIDAL PIPES OR CLASS M CONCRETE TO BS891. ALL PIPES OVER 300mm DIAMETER TO BE CLASS M CONCRETE TO BS891.
- ALL PIPE MATERIALS TO BE CONSISTENT BETWEEN MANHOLES.
- INVERT LEVELS OF EXISTING SEWERS TO BE CONFIRMED ON SITE BEFORE ANY SEWER WORK UNDERTAKEN. ANY DISCREPANCIES FOUND SHOULD BE NOTICED TO ENGINEERS.
- FOR DISCONNECT CHAMBERS THE MINIMUM INTERNAL DIMENSIONS SHALL BE CIRCULAR 450mm DIAMETER (SEE SP 85 8391).
- WHERE HOUSE DRAINAGE IS TAKEN THROUGH BLOCK CARE IS TO BE TAKEN THAT FOUNDATION LEVELS AND DRAINAGE RUNS DO NOT CLASH.
- BRANCH CONNECTIONS INTO MAIN LINES TO BE ACHIEVED VIA ANGLED BRANCHES. WHERE BY BRANCHES ARE REQUIRED THESE SHOULD BE 'SWEEP' BRANCHES. EQUAL BY BRANCHES ARE NOT PERMITTED.
- THE APPROXIMATE POSITION OF SCOTTISH WATER'S APPARATUS HAS BEEN SHOWN ON THIS DRAWING. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING THE TRUE POSITION OF ALL SERVICES PRIOR TO COMMENCING ON SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAKING APPLICATION TO CONNECT TO THE PUBLIC SEWER VIA SCOTTISH WATER. NOTE THE APPLICATION CAN TAKE SEVERAL WEEKS TO PROCESS.
- THE CONTRACTOR IS REQUIRED TO INFORM THE ENGINEER AND SCOTTISH WATER AT LEAST 1 WEEK IN ADVANCE OF STARTING ANY WORKS AT OR NEAR TO SCOTTISH WATER'S APPARATUS.
- WHERE POSSIBLE DURING THE WORKS, THE CONTRACTOR TO PROVIDE CO-ORDINATES OF SCOTTISH WATER'S EXISTING APPARATUS. THIS INFORMATION IS TO BE PROVIDED TO THE ENGINEER FOR ADDITION TO THIS DRAWING.
- NO DRIVEWAY GRADIENTS GREATER THAN 12%.

- LEGEND
- PROPOSED SURFACE WATER SEWER
  - PROPOSED FOUL SEWER
  - PROPOSED FOUL DISCONNECT
  - PROPOSED SW DISCONNECT
  - PROPOSED GULLY
  - SCOTTISH WATER SERVITUDE
  - EXISTING SEWER TO BE GRUBBED UP
  - EXISTING FOUL SEWER
  - EXISTING SURFACE WATER SEWER
  - CULVERT DIVERSION

- SUDS STRATEGY
- ROOF RUNOFF - TREATMENT AT SOURCE IN DRIVEWAY FILTER TRENCH
  - DRIVEWAYS - TREATMENT AT SOURCE IN DRIVEWAYS FILTER TRENCH
  - ROADS - 1ST LEVEL OF TREATMENT AT END OF LINE SWALE
  - 2ND LEVEL OF TREATMENT WITHIN SUDS BASIN

Rev	Description	Drawn	Checked	Date
P	Gullies at low point of courtyards relocated from centre of existing driveway.	IM	IM	09/12/2020
G	Rising main diameter revised in accordance with SDS detailed design.	IM	IM	04/12/2020
N	Existing survey information updated.	KI	IM	25/11/2020
M	Revised in accordance with latest drainage design.	KI	IM	13/11/2020
L	Revised in accordance with latest architect layout and planning conditions. Land drainage added to remote borrough.	IM	IM	26/10/2020
K	Revised in accordance with latest drainage design.	AS	SC	24/09/2020
J	Break pressure manhole added at end of rising main.	IM	IM	08/09/2020
I	Revised in accordance with latest architect layout.	KI	IM	19/08/2020
H	Revised in accordance with latest architect layout.	AS	AS	18/03/2020
G	Revised cover level of manhole S22.	ZB	IM	09/01/2020
F	Revised in accordance with latest architect layout.	IM	IM	18/12/2019
E	Revised in accordance with latest architect layout.	IM	IM	05/12/2019
D	Revised in accordance with latest architect layout.	ZB	IM	23/10/2019
C	Revised in accordance with latest architect layout.	IM	IM	12/09/2019
B	Revised in accordance with latest architect layout.	CM	IM	26/08/2019
A	Revised in accordance with Scottish Water comments.	AS	DK	29/03/2019



Project Title: DRAFFEN STEWARTON

Drawing Title: DRAINAGE LAYOUT

Drawn By:	Checked By:	Issue Status:
AS	DK	INFORMATION

Date Drawn: 13/12/2018 Scale: 1:500

Drawing Number: 18-134-20 Revision: P