



**GENERAL NOTES:**

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
4. FOR GENERAL NOTES REFER TO DRAWING.

**TO BE READ IN CONJUNCTION WITH THE DRAWINGS:**

- FS0316-CUR-ZZ-00-DR-C-9200\_SURFACE WATER DRAINAGE LAYOUT KEY PLAN
- FS0316-CUR-ZZ-00-DR-C-9203\_SURFACE WATER DRAINAGE LAYOUT SHEET 2 OF 2
- FS0316-CUR-ZZ-00-DR-C-9201\_FOUL WATER DRAINAGE LAYOUT

**KEY**

- PROPOSED SURFACE WATER DRAIN
- PROPOSED SURFACE RAIN WATER PIPE
- PROPOSED SURFACE WATER SIPHONIC DRAIN PIPE
- PROPOSED SURFACE WATER GULLY
- PROPOSED LINEAR DRAINAGE CHANNEL (LDC) WITH A SUMP UNIT AT OUTFALL
- PROPOSED GATIC (OR EQUIVALENT) DRAINAGE CHANNEL WITH A SUMP UNIT AT OUTFALL
- PROPOSED FILTER DRAIN
- PROPOSED ATTENUATION SUB-BASE WITH PERFORATED PIPE
- PROPOSED SURFACE WATER ATTENUATION TANK
- POWER SUPPLY FOR PUMP STATIONS (TBC)
- EXISTING PUBLIC SURFACE WATER SEWER
- PROPOSED DITCHED CHANNEL (CD2)
- PUMP CHAMBER
- PROPOSED RAIN GARDEN

**DESIGN NOTES:**

1. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.
2. G3 TREES HAVE BEEN ASSUMED TO BE REMOVED - SUBJECT TO NETWORK RAIL APPROVAL. TO BE CONFIRMED BY THE LANDSCAPE ARCHITECT.
3. LEVELS BY LANDSCAPE ARCHITECT - DETAILED LEVELS FOR CONSTRUCTION MAY RESULT IN CHANGES TO DRAINAGE FEATURES (TYPE AND LOCATION).
4. SIPHONIC DRAIN PIPES LOCATIONS ASSUMED FOR THE PURPOSES OF SURFACE WATER DESIGN. LOCATIONS TO BE CONFIRMED BY AN M&E AT A LATER DESIGN STAGE.
5. ALL MANHOLES/INSPECTION CHAMBERS WITHIN TRAFFICED HARD STANDING AREAS TO HAVE HEAVY DUTY COVERS (D400 GRADE).
6. RAIN WATER DOWNPIPES LOCATIONS HAVE BEEN BASED ON DRAWING FS0316-STL-XX-00-DR-A-1003-GROUND FLOOR GA PLAN-WEST-P01 ISSUED ON 11.04.19 BY THE ARCHITECT.
7. NO INFILTRATION ALLOWED AS PER INFILTRATION TEST RESULTS PROVIDED BY DELTA SIMONS IN APRIL 2018.
8. CONNECTION TO THE EXISTING SURFACE WATER PUBLIC SEWER SUBJECT TO SECTION 106 AGREEMENT WITH THAMES WATER BY CONTRACTOR.
9. DISCHARGE RATE BASED ON GREENFIELD RUNOFF RATES.
10. ATTENUATION VOLUME BASED ON 100 YEARS +40%CC STORM EVENT.
11. SURFACE WATER PUMPING STATION INDICATIVE ONLY. PUMP TO BE DESIGNED BY A SPECIALIST.
12. DESIGN BASED ON LANDSCAPE ARCHITECT DRAWINGS FS0316-ALA-00-XX-DR-L-0016/0017/0018 ISSUED ON 10.01.19. ANY CHANGES TO THIS DESIGN MAY AFFECT THE SURFACE WATER DRAINAGE PROPOSALS.

Rev	Description	Date	By	Chkd
P08	REVISED TO PLANNING COMMENTS.	03.04.19	ID	BB
P07	PUMP NOTE REVISED CP ISSUE	14.02.19	ID	AW
P06	CONTRACTOR'S PROPOSAL	22.01.19	BB	AW
P05	CONTRACTOR'S PROPOSAL	22.01.19	JW	BB
P04	Revised to latest LA layout. Attenuation revised. Planning	22.11.18	ID	RJ
P03	PLANNING ISSUE	01.08.18	RJ	AW
P02	REVISED AS PER ITT CLARIFICATIONS	01.05.18	AS	AW
P01	ISSUED FOR ITT	17.04.18	AS	AW



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Status: **PLANNING**

Project: **TURING HOUSE SCHOOL**

Draw Title: **SURFACE WATER DRAINAGE LAYOUT SHEET 1 OF 2**

Size	Date	Drawn By	Designed By	Checked By
A1	06.04.18	AS	AS	AW

Scale: 1:200

Project No: Originator: Zone: Level: Type: Discipline: Category / Number: Rev: