

NOTE

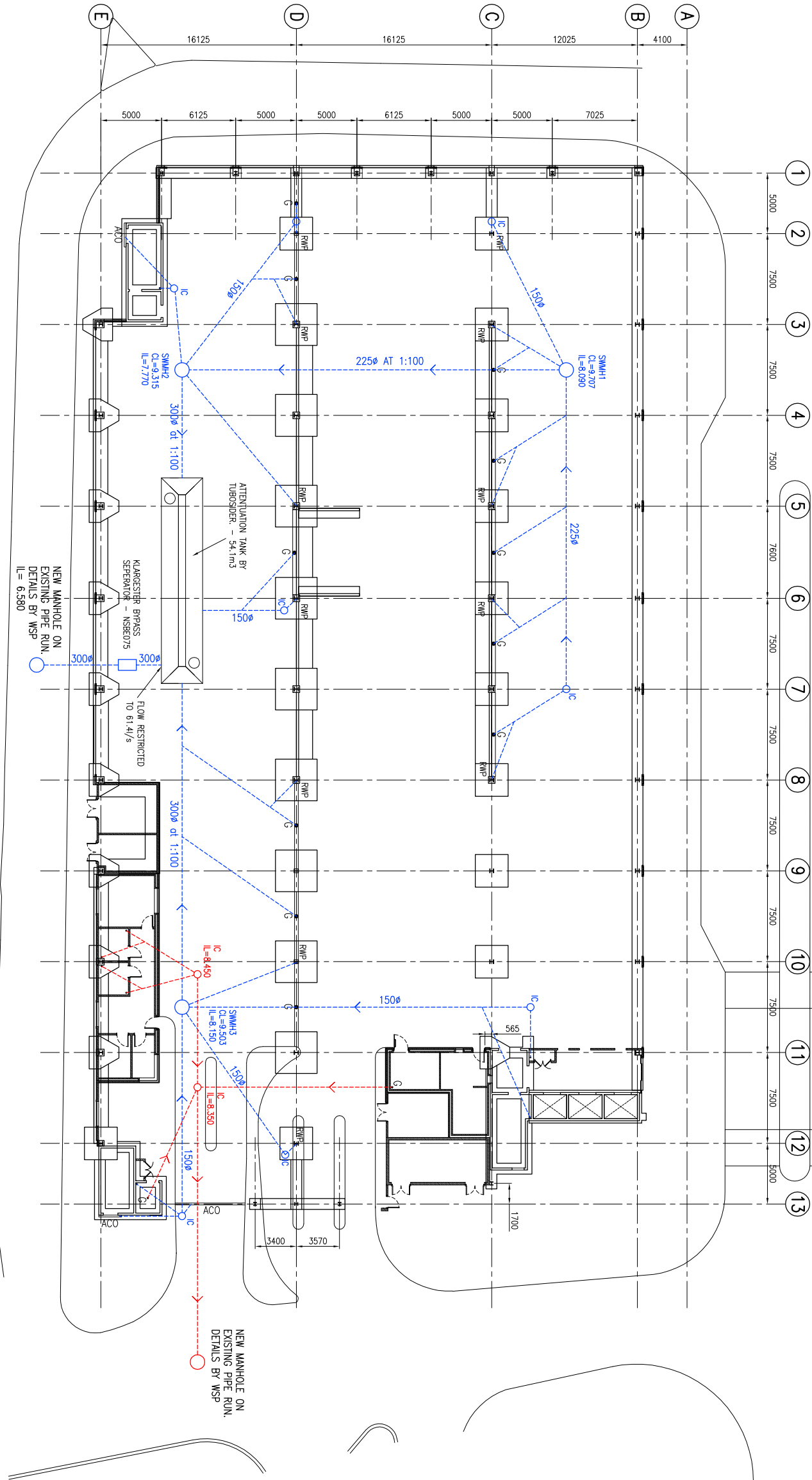
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NOTES

1. SURFACE WATER DRAINAGE TO BE 110mm UPVC UNO, WITH FLEXIBLE JOINTS, LAD ON GRANULAR BED AT MIN. 1 IN 100 FALL, 100mm MIN. 1% UNDER PIPES & 150mm 1% OVER PIPES AND TO SIDES OF EXCAVATION (IN ACCORDANCE WITH BS 8301-1985). GRAVEL FILL TO BE 10mm SINGLE SIZED.
2. WHERE PIPES ARE LESS THAN 1200mm OF UNDER FLEXIBLE ROAD SURFACING, PIPE TO BE SURROUNDED IN CONCRETE, 100mm MIN. THICK UNDER & OVER PIPE AND 150mm EACH SIDE. FLEXIBLE JOINTS TO BE PROVIDED IN THE CONCRETE AT 5m MAX c/c. ALTERNATIVELY MANUFACTURERS BEDDING RECOMMENDATIONS USING GRANULAR FILL AND R.C. BRIDGING SLAB MAY BE USED.
3. ALL BUILDING DRAINAGE WORK MUST COMPLY WITH THE RELEVANT BUILDING REGULATIONS, BS EN 752:2008 AND SEWERS FOR ADOPTION 7th EDITION
4. FOR MANHOLE CONSTRUCTION DETAILS REFER TO DRG. No. 15-033(52)D10
5. ALL GULLIES ARE TO BE SET IN MINIMUM 150mm CONCRETE SURROUND ALL TO MANUFACTURERS RECOMMENDATIONS.
6. FOUL WATER TO BE UPVC 110mm AT 1:80 FALL UNO, WITH FLEXIBLE JOINTS, LAD ON GRANULAR BED, 100mm MIN. 1% UNDER PIPES & 150mm 1% OVER PIPES AND TO SIDES OF EXCAVATION (IN ACCORDANCE WITH BS 8301-1985). GRAVEL FILL TO BE 10mm SINGLE SIZED.



DRAINAGE GA
SCALE 1:200

REV	DESCRIPTION	BY	CHKD	DATE
A	MANHOLE COVER AND INVERT LEVELS ADDED AND UPDATED, ATTENUATION TANK REVISED	KS	PM	16.10.15
B	LIFT PIT UPDATED	KS	PM	23.10.15
C	DRAINAGE ARRANGEMENT REVISED TO SUIT PHASING	PM	SRV	14.08.16
D	ATTENUATION MOVED BACK INTERNALLY, FOUL RUN ADDED FROM CHANGING PLACES FACILITY	PM	SRV	12.09.16
E	AT VEHICLE EXIT LANES - TO BE AS PER WSP DETAILS, NOTE 6 ADDED	PM	SRV	13.01.17
F	FOUL DRAINAGE REVISED, ACO CHANNELS REMOVED	PM	SRV	10.01.17
G	MANHOLE INVERT LEVELS UPDATED	PM	SRV	16.03.17



Project
WARRINGTON BRIDGE ST QUARTER MSCP

Drawing Title

DRAINAGE GA



HILL CANNON CONSULTING LLP, BUSINESS CENTRE, JARVIS WAY, WARRINGTON, CHeshire, W9 2XA
Tel: 01423 813222 Email: hrc@hillcannon.com

Scale	By	Checked	Date
1:200 @ A1	GK	PJM	11.06.15
Status	Drawing No.	Revision	
C	15-033(52)001	G	