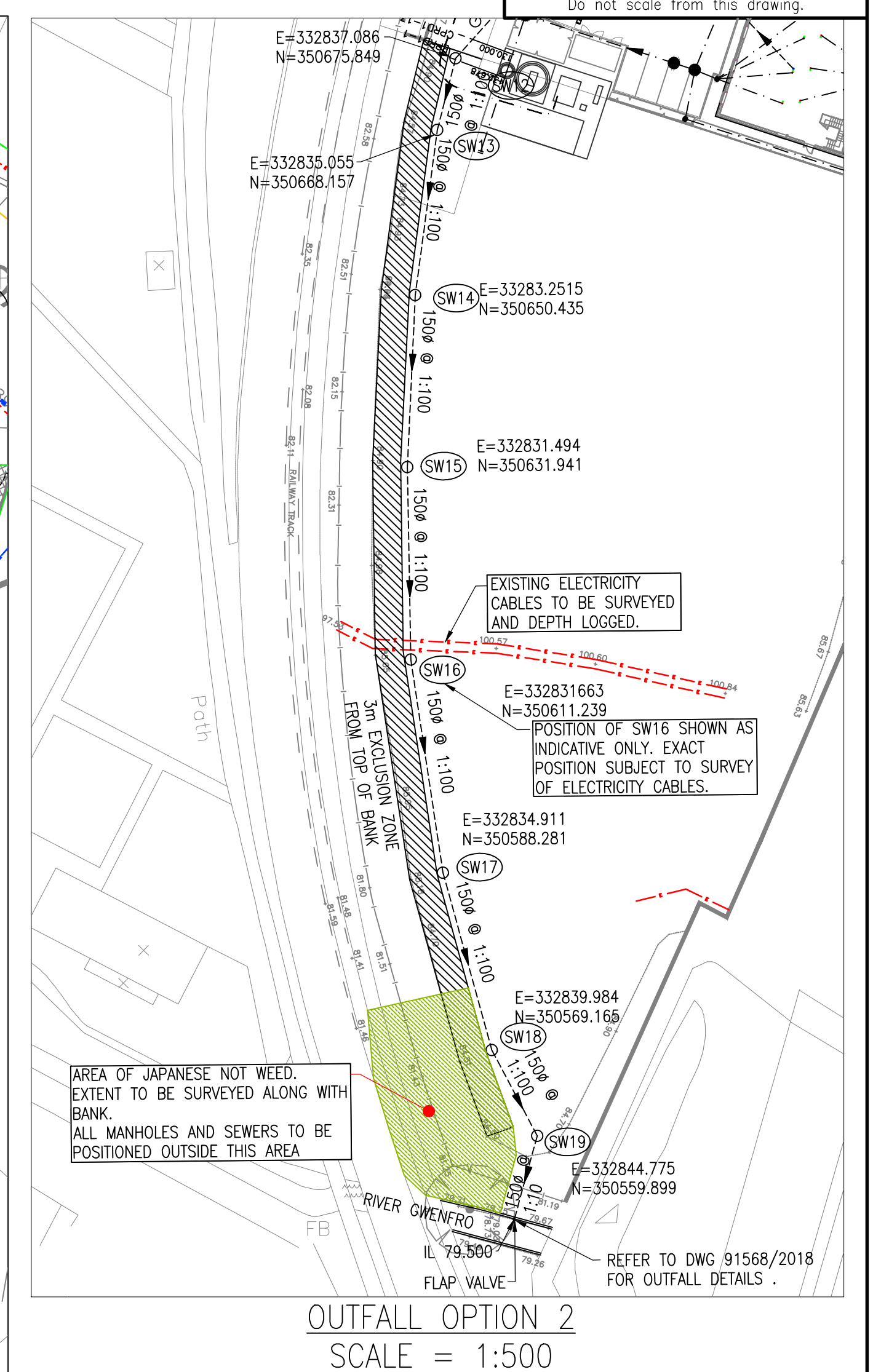
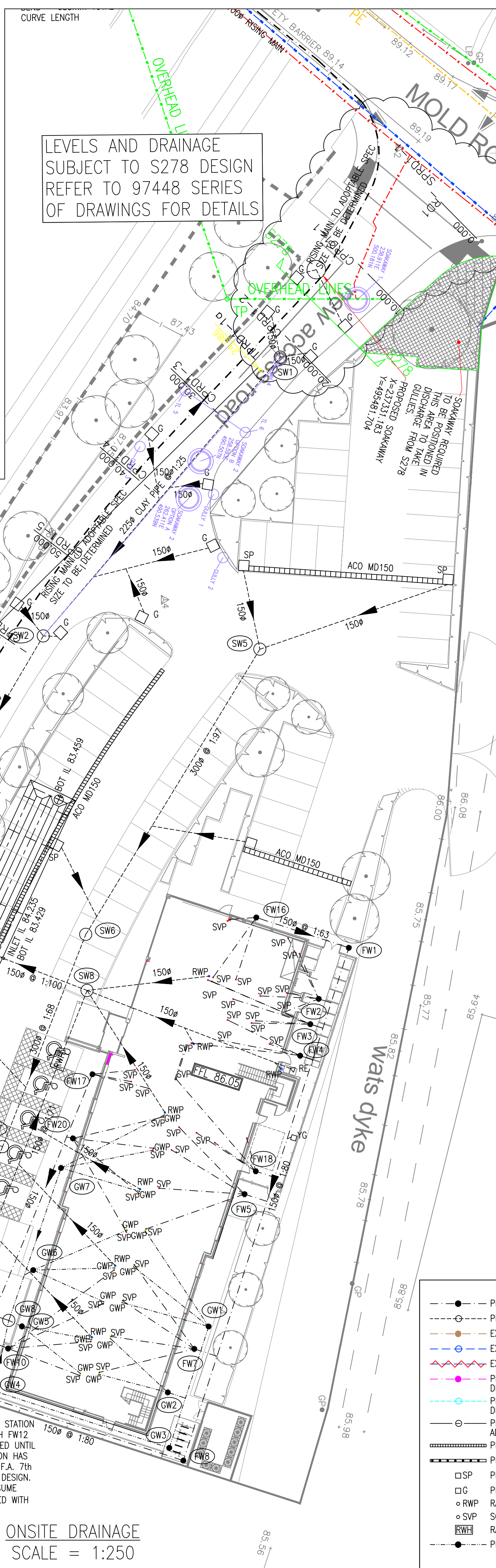
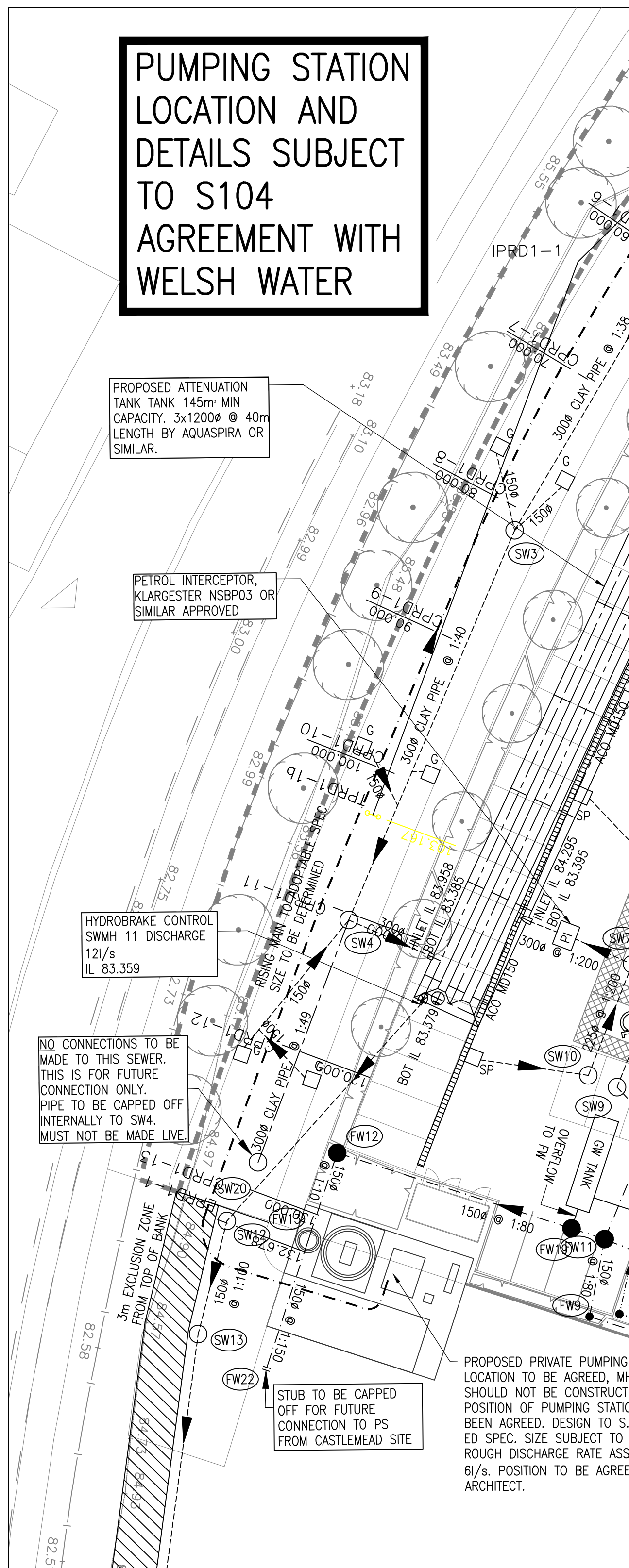




GREY WATER SYSTEM DETAILS AND
POSITION OF TANK AND UPSTREAM
SEWERAGE SUBJECT TO
MANUFACTURERS DETAILS

- NOTES:-
1. UNLESS NOTED OTHERWISE ALL EXISTING GULLYS ARE DRAINING EXISTING AREAS TO BE RETAINED SUBJECT TO CONDITION.
 2. ALL MANHOLE COVERS TO BE GRADE D400 HEAVY DUTY.
 3. EXISTING DRAINAGE INFORMATION IS REQUIRES SURVEYING PRIOR TO CONSTRUCTION. ALL INVERT LEVELS TO BE CONFIRMED PRIOR TO ANY CONSTRUCTION OF PROPOSED DRAINAGE SCHEME.
 4. ALL PIPES UP 300mm DIA. TO BE EITHER VITRIFIED CLAY OR UPVC POLYPIPE OR OTHER SUITABLE ALTERNATIVE (SOLID WALL OR CONCENTRIC RIB TO BRITISH STANDARD).
 5. ALL PIPES OVER 300mm DIA. TO BE CONCRETE.
 6. ALL MANHOLES TO BE CONSTRUCTED FROM PRECAST CONCRETE RINGS UNLESS NOTED OTHERWISE ON DRAINAGE DETAILS.
 7. ALL NEW GULLYS TO BE CONCRETE/CLAY TO HIGHWAYS SPECIFICATION.
 8. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
 9. PETROL INTERCEPTOR FROM CHOSEN MANUFACTURER REQUIRES A VENT, AN ALARM & AN ELECTRICITY DUCT CONNECTED TO A MAINS SUPPLY.
 10. INVERT LEVELS RELATE TO THE LARGEST PIPE IN EACH MANHOLE ALL OTHER SMALLER PIPES ARE TO BE LAID WITH SOFFITS LEVEL TO LARGEST PIPE.
 11. ALL EXISTING SEWERS/MANHOLES TO BE CHECKED & CLARIFIED TO CONFIRM INVERT LEVELS/POSITIONS.
 12. IF ADVERSE GROUND CONDITIONS ARE ENCOUNTERED POSSIBLE TRENCH STABILISATION WITH TERRAM/DE-WATERING COULD BE REQUIRED. CONTRACTOR TO NOTIFY FAIRHURST ENGINEER IMMEDIATELY. SEE DETAIL DRAWING 91568/2021 FOR DETAILS.
 13. ALL PIPES WITH LESS THAN 1200MM OF COVER TO CROWN TO HAVE A CONCRETE SURROUND WITH EXPANSION JOINTS.
 14. ATTENUATION/DISCHARGE FIGURE SUBJECT TO ENVIRONMENT AGENCY ACCEPTANCE.
 15. FW DRAINAGE CONNECTIONS SUBJECT TO S106/S104 AGREEMENT.
 16. PIPE ATTENUATION TANK PREFERRED, CONTRACTOR TO ADVISE.
 17. DOWNPIPES/SVPS/RWP'S POSITIONS ARE INDICATIVE ONLY AWAITING DETAILS FROM ARCHITECT.
 18. ALL NEW DRAINAGE TO BE CCTV'D, CLEANED OF ALL CONSTRUCTION DEBRIS AND COPY SENT TO FAIRHURST FOR AS BUILT PURPOSSES.
 19. ALL GULLYS & DRAINAGE CHANNELS WITHIN CAR PARK AND PEDESTRIAN AREAS TO BE FITTED WITH 'HEELGUARD' TYPE COVERS.
 20. COVER LEVELS OF MANHOLES LABELED * ARE DEPENDANT ON GROUND LEVELS OF FUTURE DEVELOPMENT. COVER LEVELS LABELED ** ARE DEPENDANT ON LEVELS AGREED WITHING S278 AGREEMENT
 21. PUMPING STATION/RISING MAIN POSITION/DESIGN TO BE AGREED UNDER S104 AGREEMENT WITH WELSH WATER. NO CONSTRUCTION MUST TAKE PLACE UNTIL WRITTEN APPROVAL FROM THE WATER AUTHORITY IS RECEIVED.
 22. RAINWATER HARVESTING TANK POSITION, SIZE AND TYPE TO BE DETERMINED BY SPECIA

THIS DRAINAGE LAYOUT IS BASED ON THE FOLLOWING INFORMATION	
ARCHITECTS LAYOUT	FLETCHER SMITH 3240/100 REV F RECEIVED 21/02/13
TOPO SURVEY	FLETCHER SMITH TOPO WITH SITE BOUNDARY 15-06-2012

K	17/10/13	FINAL ISSUE.	CG	PDW	PDW
J	26/06/13	RISING MAIN POSITION AMENDED	AB	FT	FT
I	26/02/13	REVISED TO SHOW EXTRA CONNECTION FROM RESIDENTIAL SITE TO PUMPING STATION	AB	FT	FT
H	07/02/13	FW20 ADDED	AB	FT	FT
G	04/02/13	REVISED TO SHOW GREY WATER DRAINAGE AND TANK	AB	JS	FT
F	28/01/13	DRAWING REVISED TO SUIT WORTHINGTONS LOCAL GRID PUMPING STATION LOCATION AMENDED	AB	FT	FT
E	10/01/13	CONSTRUCTION ISSUE	AB	FT	FT
D	08/01/13	DRAINAGE AMENDMENTS DUE TO UPDATED INTERNAL LAYOUT.	AB	FT	FT
C	04/12/12	SW & FW DRAINAGE REVISED	AB	FT	FT
B	29/11/12	AMENDED TO SUIT REVISED LAYOUT	AB	CM	PDW
A	23/11/12	GULLLEY ADDED. IL OF FLOW CONTROL AMMENDED	JAS	FT	PDW
Rev.	Date	Description	Drawn	Checked	Approved

FINAL ISSUE

Client:

 **MARCUS WORTHINGTON & CO. LTD**
BUILDING CONTRACTORS

Project Title:

SOLUS PREMIER INN HOTEL
JACQUES YARD
REGENT STREET
WREXHAM

Drawing Title:
PROPOSED DRAINAGE LAYOUT

FAIRHURST

51a St. Pauls Street, LEEDS, LS1 2TE Tel: 0113 243 4671 Fax: 0844 381 4412		
Scale of AI:	Status:	
1:500	Final Issue	
Drawn:	Checked:	Approved:
JS	JS	FT
Date:	Date:	Date:
19/06/12	28/06/12	28/06/12
Drawing No.:		Revision:
91568/2003		K