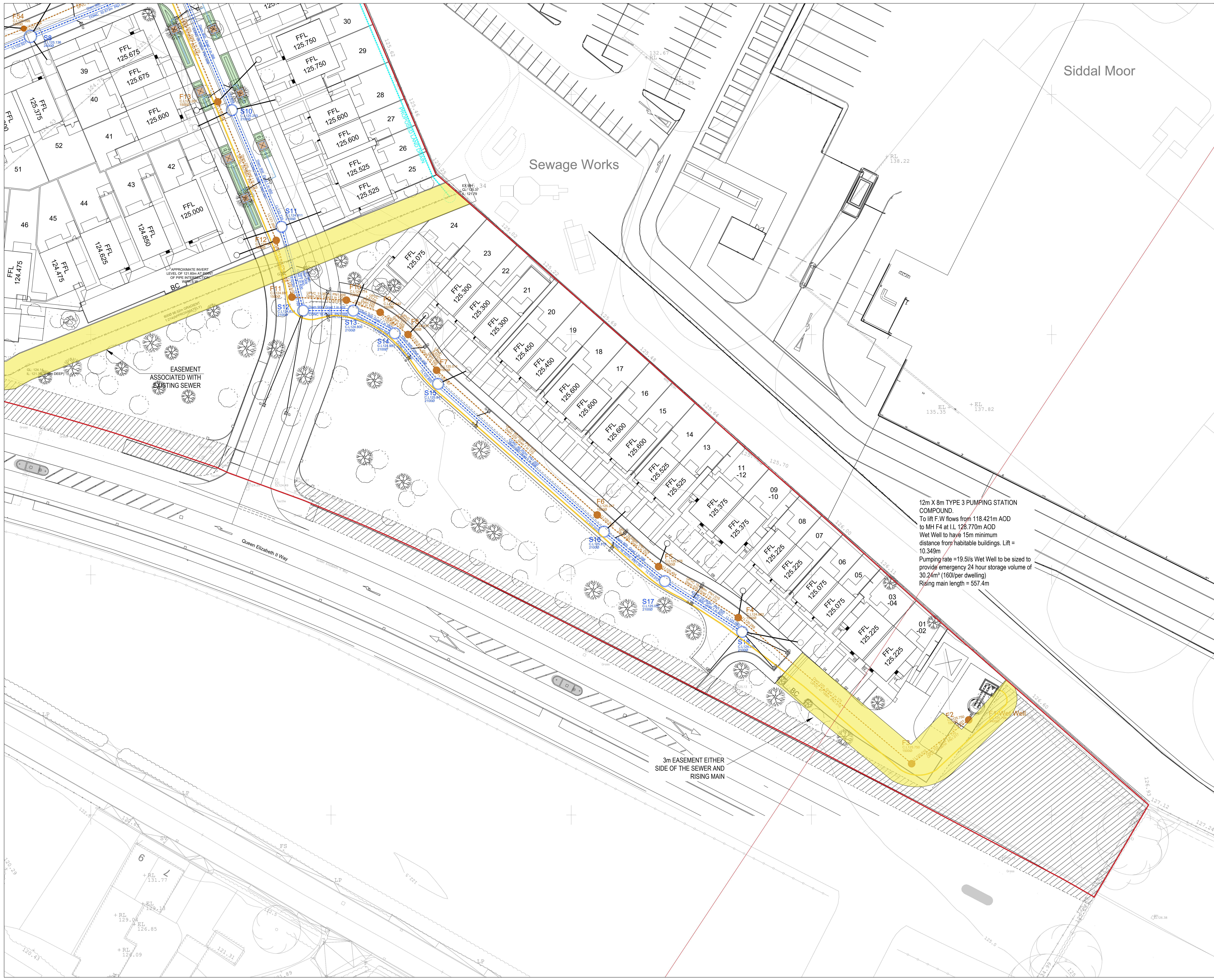




GENERAL NOTES

- SETTING OUT SHALL BE UNDERTAKEN USING ONLY THE INFORMATION GIVEN. DISTANCES SHOULD NOT BE SCALED FROM THIS DRAWING.
- ALL SEWERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION AND UNITED UTILITIES DETAILS & GUIDELINES.
- THE MINIMUM GRAVITY PIPE DIAMETER UNDER ADOPTABLE HIGHWAYS SHALL BE 150mm.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION GIVEN WITH REGARDS TO EXISTING SERVICES AND DRAINAGE CONNECTIONS ETC. PRIOR TO COMMENCING THE WORKS. THE BATES SHALL INCLUDE FOR HAND DGS AROUND SERVICES WHERE NECESSARY. THE CONTRACTOR SHALL ADHERE TO THE COM REGULATIONS AT ALL TIMES.
- THE OUTSIDES OF ALL SEWERS SHALL BE A MINIMUM OF 1m FROM KERB LINES AND THE OUTSIDE OF MANHOLES SHALL BE A MINIMUM OF 0.5m FROM KERB LINES WITHIN ADOPTED HIGHWAY.
- EXISTING FLOWS IN WATERCOURSES, SEWERS AND LAND DRAINS SHALL BE MAINTAINED AT ALL TIMES.
- ONLY TRAINED PERSONNEL SHALL BE PERMITTED TO ENTER CONFINED SPACES.
- ALL MATERIALS TO BEAR THE RELEVANT B.S. KITEMARK AND COMPLY FULLY WITH THE SPECIFICATIONS. ALL CONCRETE & CONCRETE PRODUCTS MUST USE SULPHATE RESISTANT CEMENT UNLESS THE SITE INVESTIGATION REPORT PROVES THAT SULPHATE ATTACK FROM SOILS AND GROUNDWATER WILL NOT OCCUR TO WITHSTAND A CLASS.
- ALL OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS ACTS ETC. ARE TO BE OBTAINED PRIOR TO APPLICABLE.
- WHERE 'ULTRA RIB' (PVC) PIPES OR (SIMILAR APPROVED) ARE USED IN ADOPTABLE DRAINAGE THEY SHALL STILL BE HANDLED AND LAID IN ACCORDANCE WITH THE SPECIFICATION AND GUIDANCE ISSUED BY THE HIGH PERFORMANCE PIPE ASSOCIATION.
- A CLASS 3 BED AND SURROUND MUST BE USED FOR SUCH PIPES. TRENCH BACKFILL IN HIGHWAYS TO WITHIN 1M OF HIGHWAY SHALL BE A SUITABLE GRANULAR MATERIAL. ALL IN ACCORDANCE WITH SEWERS FOR ADOPTION 4.3.4.
- SLAB LEVELS SHALL NOT BE VARIED WITHOUT REFERENCE TO THE ENGINEER FOR GUIDANCE.
- DOMESTIC DRAINAGE SHALL BE TO BUILDING REGULATIONS APPROVED DOCUMENT H.110mm UPVC PIPES LAID TO THE FOLLOWING MINIMUM FALLS UNLESS OTHERWISE SHOWN.

FOUL	S.W.
HEAD RUN	1 IN 40
ELSEWHERE	1 IN 60
- ALL GULLY CONNECTIONS TO BE 150mm VITRIFIED CLAY UNLESS NOTED OTHERWISE. COMMENCEMENT OF WORKS. ALL WORKS ARE TO BE INSPECTED BY L.A. N/A OR THE NETWORK OPERATOR AS APPLICABLE.

LEGEND

- PROPOSED SURFACE WATER SEWER MANHOLE
- PROPOSED FOUL WATER SEWER MANHOLE
- PROPOSED COMBINED SEWER MANHOLE
- EXISTING GROUND LEVELS
- PROPOSED FOUL 600MM UPVC 1200MM POC (DRAG OUT MH (TBC WITH U/I FIELD INSPECTOR))
- PROPOSED SURFACE WATER 600MM UPVC 1200MM POC (DRAG OUT MH (TBC WITH U/I FIELD INSPECTOR))
- PROPOSED INDICATIVE FILTER DRAIN
- PROPOSED RISING MAIN
- PROPOSED ADOPTED SLDS FEATURE
- PROPOSED EASEMENT
- PROPOSED TREE PIT
- PROPOSED SHALE
- HIGHWAY GULLY
- FINISHED FLOOR LEVEL
- PHASE 2 HATCH

12m X 8m TYPE 3 PUMPING STATION COMPOUND.
To lift F.W flows from 118.421m AOD to MH F4 at I.L 128.770m AOD
Wet Well to have 15m minimum distance from habitable buildings. Lift = 10.349m
Pumping rate = 19.5l/s Wet Well to be sized to provide emergency 24 hour storage volume of 30.24m³ (160l/per dwelling)
Rising main length = 557.4m

3m EASEMENT EITHER SIDE OF THE SEWER AND RISING MAIN

REV	DATE	DESCRIPTION	BY	CHK	APP
P00	04.12.2025	AMENDED TO SUIT NORTHSTONE COMMENTS. MANHOLES F21 AND S28 RELOCATED WITHIN SITE BOUNDARY	JPR	JPR	JCM
P01	12.11.2025	PIPE MATERIALS AMENDED	JPR	JCM	JCM
P04	11.11.2025	AMENDED TO SUIT UPDATED SITE PLAN AND BORDS PROPOSALS FOLLOWING MEETING WITH LULFA	JPR	JCM	JCM
P03	09.09.2025	UPDATED TO SUIT REVISED DRAINAGE CALCULATIONS	JPR	JCM	JCM
P02	30.08.2025	AMENDED TO SUIT UPDATES ARCHITECT'S PLAN	JPR	JCM	JCM
P01	07.08.2025	PRELIMINARY ISSUE - FOR COMMENTS	JPR	JCM	JCM

STATUS:	PRELIMINARY								
CLIENT:	NORTHSTONE								
ARCHITECT:	NORTHSTONE								
PROJECT:	HARESHILL ROAD NORTH SOUTH HEYWOOD								
TITLE:	OUTLINE DRAINAGE LAYOUT								
SHEET 1									
STATUS:	PROJECT No:	PROJECT:	ORIGINATOR:	VOLUNTEER:	TYPE:	ROLE:	DRAWING No:	REV:	
S2	225-205	SHE - AJP - ZZ - 00 - DR - C - 1001	P06						
SCALE:	1:250	DESIGNED:	JPR	DRAWN:	JPR	CHECKED:	JCM	DATE:	AUG 2025

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