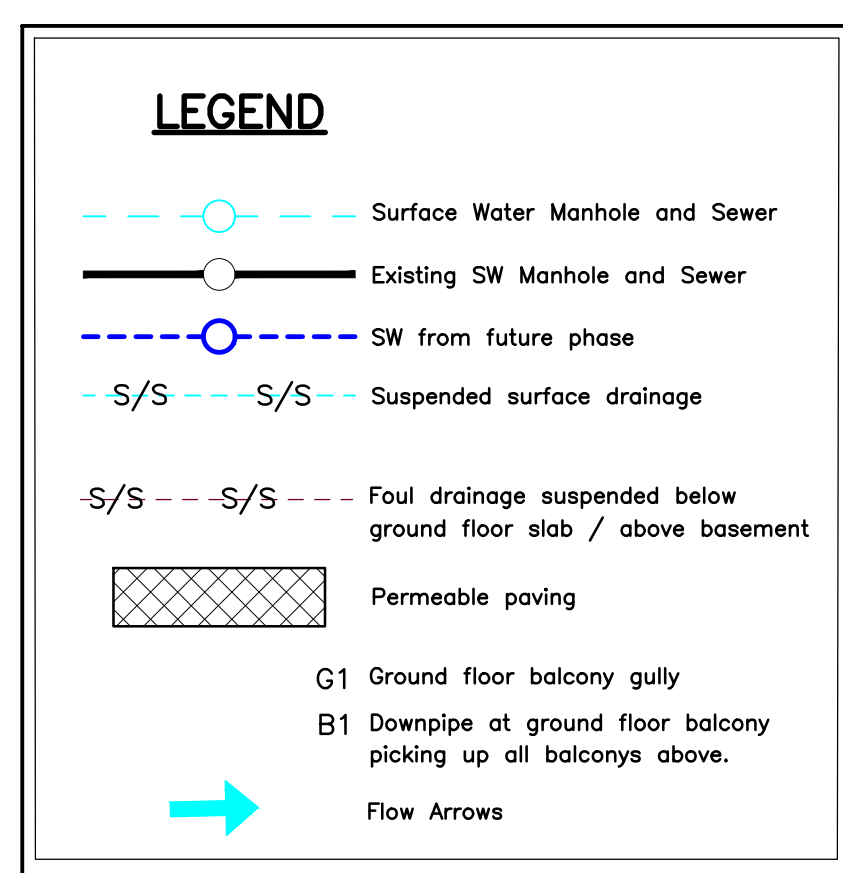
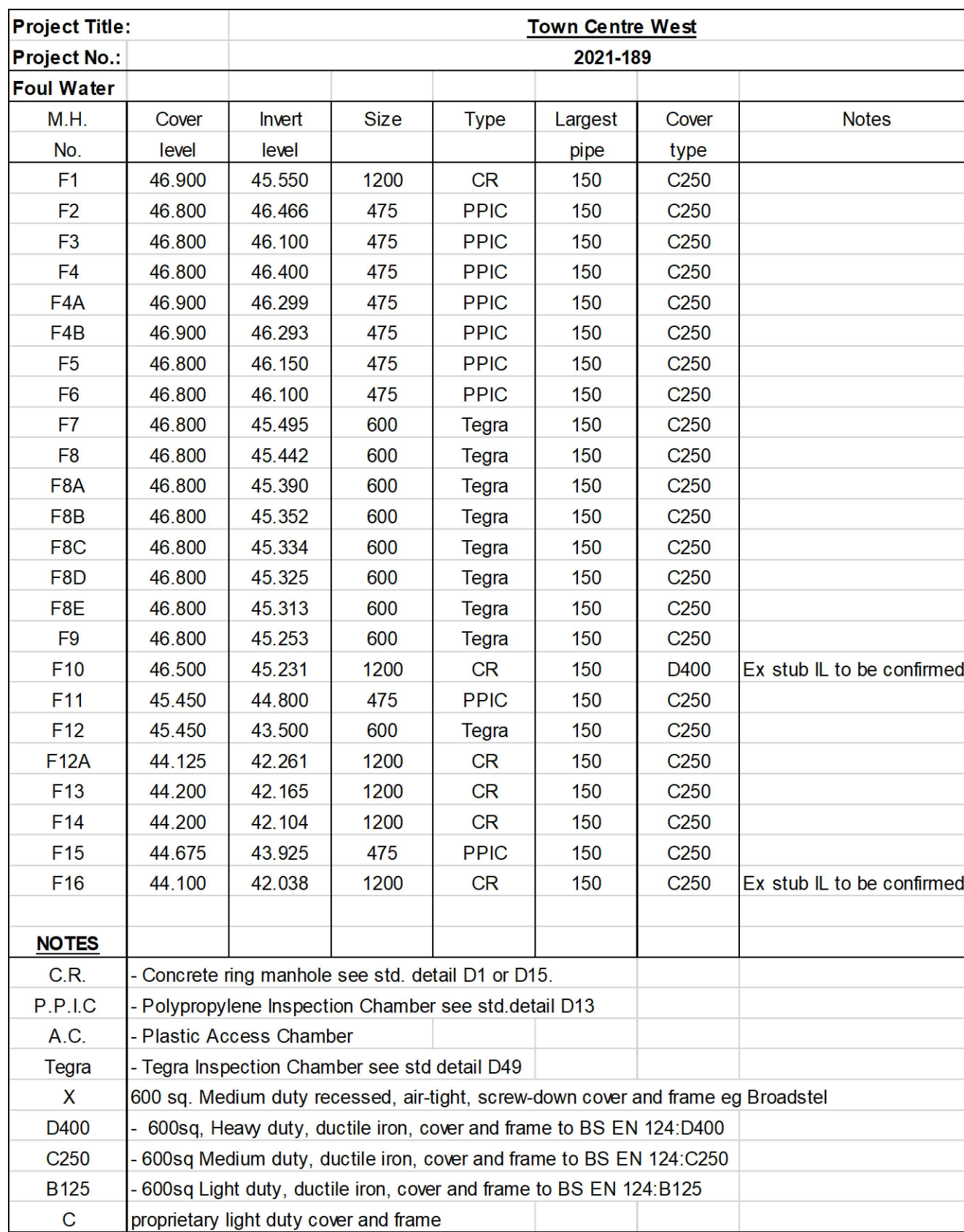




NOTES.

- This drawing is to be read in conjunction with all relevant Architect's, Engineer's, Specialists details and the Specification.
- All surface water pipes sizes as stated.
- All foul water pipes sizes as stated.
- All drainage pipes to BS EN 295 (clayware) or BS EN 1401 (glazing) UNO. Other materials may be permitted subject to the approval of the Engineer.
- Pipes to BS EN 295 with more than 900mm cover between pipe soffit and finished surface to be in 'Type' 'S' bedding. Pipes to BS EN 1401 with more than 900mm between pipe soffit and finished surface to be in 'Type' 'S' bedding.
- All pipes under external paved areas with less than 900mm cover to be in 'Type' 'A5' bedding.
- All manholes, trenches, culverts etc to be backfilled with imported granular fill to BS 1337 Part 1 (capping material) compacted to maximum density of 95% of maximum dry density of BS Class 6/4 (Vibrating Hammer method).
- The Contractor is responsible for ensuring that full and adequate temporary works are provided to maintain the safety and stability of the existing structure whilst the new works are being carried out. The propping is to remain in position until such time that the new works do not adequately sustain the intended loads. Details of the proposed temporary works are to be forwarded to the Engineer for comment prior to commencement of works being carried out. Reference should also be made to National Standards Standard detail 'Pipes near buildings'. (D22)
- Polypropylene Access Chambers (denoted A.C.) are to be no deeper than 800mm.
- Pipe Gradients:
Pipes are to be laid to the levels and gradients shown. Pipe branches are to be 100% or flatter than the following table:

	100%	150%
Gullies, sinks and basins	1:40	1:40
Pipes draining 1 or more WC's	1:80	-
Pipes draining 5 or more WC's	1:80	1:150
- For Manhole covers see schedule.
- The Contractor is to enter into all necessary legal agreements with the drainage authority for all connections to the Public Sewer Network.
- The Contractor is to survey all drainage outfalls and determine the levels of all drainage connections that might affect the levels of drainage connections, prior to commencing any drainage works on site.
- The Contractor is to obtain the consent of the drainage authority to any proposed drainage away and enter into any necessary legal agreements.
- Rising main to be BS EN 13244-2, all joints electrofusion welded to provide continuous main.

Stub levels are based on Atkins as-built drawings and to be confirmed prior to any works commencing.

Pop-ups and RWP's to be confirmed by specialist Engineer. Suspended drainage routes are shown inductively and to be confirmed by M&E consultant. All drainage routes, moles and levels in-at-anceyance pending pop-up confirmation.

IMPORTANT NOTE:

BLOCK 1, 2 AND HIGHWAY DRAINAGE ONLY ISSUED FOR CONSTRUCTION.
THE HIGHWAY DRAINAGE HAS NOT BEEN APPROVED BY HILLINGDON COUNCIL AND ST MODWEN HOMES CAN PROCEED AT RISK. NOLAN ASSOCIATES CAN ACCEPT NO RESPONSIBILITY FOR ANY DISCREPANCIES WITH HILLINGDON COUNCIL. BLOCK 3 IN-ABEYANCE AND TO BE CONFIRMED

NOLAN ASSOCIATES

**CONSTRUCTION
DRAWING**

C14	Flow arrows added.	LC	JUG	22.03.21
C13	Block 3C drainage revised.	MH	JUG	13.09.21
C12	In-bayage note removed as requested. Jugs repolished on Block 2.	MH	JUG	08.07.21
C11	Block 3 car park levels revised.	MH	JUG	05.07.21
C10	Block 3 issued in-obeyance.	MH	JUG	04.07.21
C9	Block 2 issued for construction.	MH	JUG	27.06.21
C8	S3 invert levels revised.	MH	JUG	13.06.21
C7	Block 2 drainage revised. Block 2 outfall adjusted	MH	JUG	05.06.21
C6	Block 2 drainage revised. Podium drainage revised.	MH	JUG	12.04.21
C5	Levels added to block 3 external car parking. Drainage levels revised.	MH	JUG	24.03.21
C4	Drain run S2.4 to S2.5 levels revised.	MH	JUG	22.02.21
C3	Drainage in Highway issued for construction.	MH	JUG	14.02.21
C2	Drainage revised to suit suspended mark-up by DRH. Construction issue (Block 1 only)	MH	JUG	03.02.21
A	Services added. Drainage revised to suit suspended mark-up by DRH. Construction issue (Block 1 only)	—	—	16.12.21
P2	Drainage revised to suit pop-ups	MH	JUG	02.11.21
P1	Preliminary issue	MH	JUG	30.09.21
REV	DESCRIPTION	BY	CHKD	DATE

Uxbridge – Town Centre West

Drainage Layout

NOLAN ASSOCIATES
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Drawn by MH	Date 09.07.21	Plot Date 22.03.23	Scale 1: 250@A0
Checked by JJG	Project No 2021-189		Dwg No 100 C14