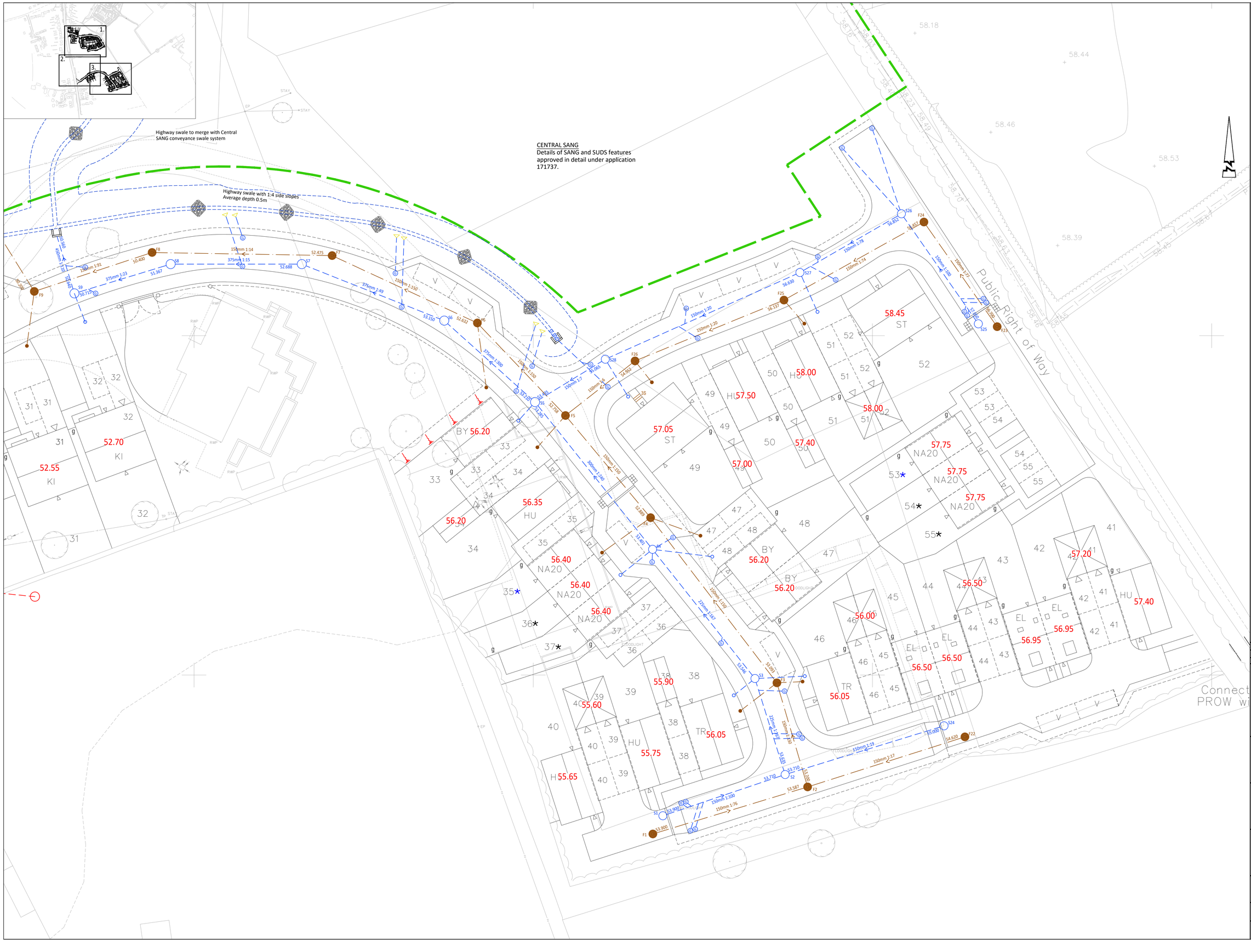


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GENERAL NOTES:
1. Do not scale.
2. Refer to all other Project Drawings and supporting notes.

DRAINAGE NOTES:

1. Do not scale.
2. Refer to all other Project Drawings and supporting notes.
3. All adoptable drainage works to be constructed as detailed in Sewers for Adoption, 7th edition or as stipulated in the Water Authorities Addendum.
4. All public sewers are to be the subject of a Section 104 agreement of the Water Industry Act 1991.
5. Invert levels of existing manholes and sewers are to be checked on site before construction commences and results reported to engineers.
6. The Contractor is responsible for maintaining continuity of flow for all existing sewers within the site boundary and limit of works for the duration of the project.
7. All manhole ironworks to comply with BS EN124, and be stamped with BSI Kitemark. Covers to suit loading as below;
 -Carriageways and Roads - D400
 -Driveways and Verges - C250
 -Footways and Pedestrian Areas - B125
 -Gardens/Landscaping - A15
8. All sewer pipes, up to, and including 225mm are to be vitrified clay to BS EN295. All sewer pipes 300mm diameter and above to concrete pipes to BS EN1916.
9. All drainage shall be installed and tested strictly in accordance with the Manufacturers' printed instructions, BS EN 752, BS EN 1601, Local Water Authority requirements and the Building Regulations.
10. All bedding shall be Class S unless noted otherwise.
11. All trenches under existing and proposed public highways are to be backfilled with thoroughly compacted Type 1 granular sub-base material.
12. Drainage laid beneath roads and areas of vehicular access (car parking etc) with less than 1200mm of cover shall be encased in concrete bed and surround with associated movement joints. Drainage laid beneath paths, footways and pedestrian areas with less than 900mm of cover shall be similarly treated.
13. Chambers with outgoing pipes greater than 600mm diameter shall be fitted with guard bars, safety chains or other approved safety devices.
14. The use of precast concrete products made with sulphate resisting cement is mandatory, unless a laboratory report proves such precautions are not necessary.
15. All gully connections to use a minimum diameter pipe of 150mm and to be surrounded by a minimum of 150mm of grade C8/C10 concrete over its full length (which should not exceed 15m) and its connection to the carrier system.
16. All sewers to be abandoned must be surveyed to identify any lateral connections that are still live with any found to be reported to the Engineer.
17. All laterals to be 150mm laid at 1:80 (surface) or 1:60 (foul) unless otherwise stated.

DRAINAGE KEY

FOUL STORM

- Existing private sewer
- Proposed adoptable sewer & MH
- Adoptable manholes Type 4
- Highway gully and 150mmØ connection
- Headwall
- Aco Swale outlet
- Swale Granular Check Dam. Refer to drawing A097-RM-55 for details.
- Existing ditch to be filled.

Rev	Date	Description	Drawn	Checked
P2	04/20	Updated to suit latest site layout	KLW	LPA
P1	03/20	First Issue	AJM	KLW

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Client
TAYLOR WIMPEY
WEST LONDON

Project
PARKLANDS,
THREE MILE CROSS

Title
DRAINAGE LAYOUT
SHEET 3

Status

Scale	Date	Drawn	Checked
1:250 @ A1	MAR 2020	AJM	KLW

Drawing No: A097-RM-53
Revision: P2