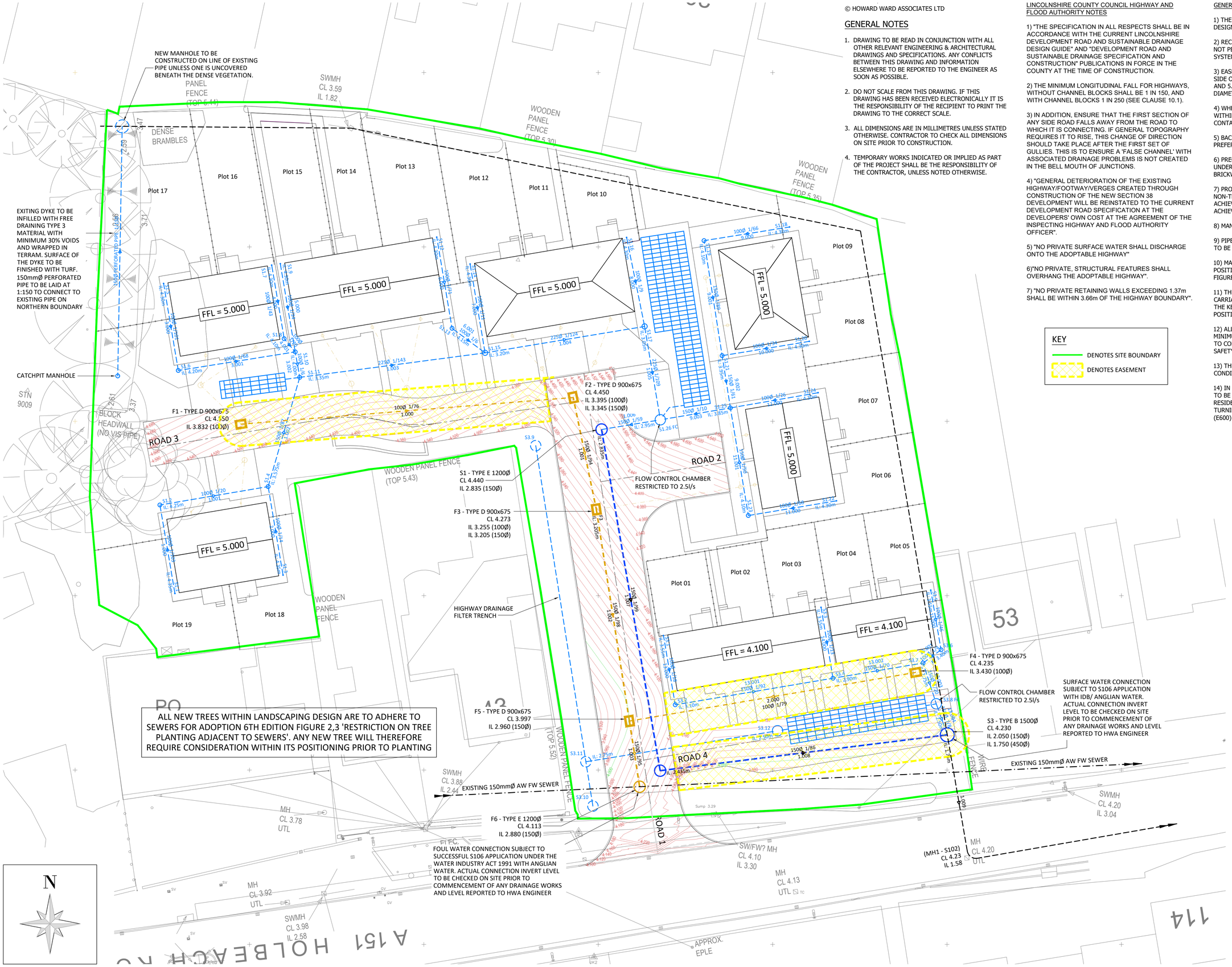


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GENERAL NOTES

1. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING & ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. ANY CONFLICTS BETWEEN THIS DRAWING AND INFORMATION ELSEWHERE TO BE REPORTED TO THE ENGINEER AS SOON AS POSSIBLE.
2. DO NOT SCALE FROM THIS DRAWING. IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RESPONSIBILITY OF THE RECIPIENT TO PRINT THE DRAWING TO THE CORRECT SCALE.
3. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE PRIOR TO CONSTRUCTION.
4. TEMPORARY WORKS INDICATED OR IMPLIED AS PART OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS NOTED OTHERWISE.

LINCOLNSHIRE COUNTY COUNCIL HIGHWAY AND FLOOD AUTHORITY NOTES

1) "THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT LINCOLNSHIRE DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE DESIGN GUIDE" AND "DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION" PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.

2) THE MINIMUM LONGITUDINAL FALL FOR HIGHWAYS, WITHOUT CHANNEL BLOCKS SHALL BE 1 IN 150, AND WITH CHANNEL BLOCKS 1 IN 250 (SEE CLAUSE 10.1).

3) IN ADDITION, ENSURE THAT THE FIRST SECTION OF ANY SIDE ROAD FALLS AWAY FROM THE ROAD TO WHICH IT IS CONNECTING. IF GENERAL TOPOGRAPHY REQUIRES IT TO RISE, THIS CHANGE OF DIRECTION SHOULD TAKE PLACE AFTER THE FIRST SET OF GULLIES. THIS IS TO ENSURE A 'FALSE CHANNEL' WITH ASSOCIATED DRAINAGE PROBLEMS IS NOT CREATED IN THE BELL MOUTH OF JUNCTIONS.

4) "GENERAL DETERIORATION OF THE EXISTING HIGHWAY/FOOTWAY/VERGES CREATED THROUGH CONSTRUCTION OF THE NEW SECTION 38 DEVELOPMENT WILL BE REINSTATED TO THE CURRENT DEVELOPMENT ROAD SPECIFICATION AT THE DEVELOPERS' OWN COST AT THE AGREEMENT OF THE INSPECTING HIGHWAY AND FLOOD AUTHORITY OFFICER".

5) "NO PRIVATE SURFACE WATER SHALL DISCHARGE ONTO THE ADOPTABLE HIGHWAY"

6)"NO PRIVATE, STRUCTURAL FEATURES SHALL OVERHANG THE ADOPTABLE HIGHWAY".

7) "NO PRIVATE RETAINING WALLS EXCEEDING 1.37m SHALL BE WITHIN 3.66m OF THE HIGHWAY BOUNDARY".

KEY

- DENOTES SITE BOUNDARY
- DENOTES EASEMENT

GENERAL DRAINAGE NOTES

1) THE DRAINAGE SHOWN ON THIS DRAWING HAS BEEN DESIGNED IN ACCORDANCE WITH SfA 6TH EDITION

2) RECESSED INFILL TYPE MANHOLE COVERS AND FRAME ARE NOT PERMITTED FOR USE WITHIN THE ADOPTABLE DRAINAGE SYSTEM

3) EASEMENTS TO ADOPTABLE PIPES ARE TO BE 2.5m TO EACH SIDE OF THE PIPE CENTRE LINE FOR UP TO 300mm DIAMETER AND 5.0m TO EACH SIDE OF THE PIPE CENTRE LINE FOR 300mm DIAMETER AND GREATER

4) WHERE PIPES CROSS PLASTIC MEMBRANE TO BE INSTALLED WITHIN PIPE TRENCH TO ELIMINATE ANY CHANCE OF CROSS CONTAMINATION

5) BACK DROPS ARE NOT TO BE USED. STEEPER GRADIENTS ARE PREFERRED

6) PRECAST CONCRETE MANHOLE RINGS ARE NOT TO BE CUT UNDER ANY CIRCUMSTANCES. MANHOLE TO BE BUILT UP WITH BRICKWORK OR CONCRETE TO THE TOP OF THE PIPE

7) PROTECTIVE COVER SLABS TO BE USED OVER PIPES IN NON-TRAFFICKED AREAS WHERE 0.900m COVER IS NOT ACHIEVED AND TRAFFICKED AREAS WHERE 1.200m IS NOT ACHIEVED

8) MANHOLE COVER AND FRAMES SHOULD BE KITEMARKED

9) PIPES OF DIFFERENT DIAMETERS ENTERING MANHOLES ARE TO BE INSTALLED WITH THEIR SOFFITS AT THE SAME LEVEL

10) MANHOLE COVER OVER TYPE E MANHOLE SHOULD BE POSITIONED CENTRALLY OVER THE PIPE. SEE SFA 6TH EDITION FIGURE 2.8

11) THE OUTSIDE OF THE SEWER SHOULD BE IN VEHICLE CARRIAGEWAY (NOT FOOTPATH) AND BE AT LEAST 1.0m FROM THE KERB LINE. THE OUTSIDE OF MANHOLES SHOULD BE POSITIONED AT LEAST 0.5m FROM THE KERB LINE

12) ALL PROPOSED MANHOLE COVERS AND FRAMES TO BE MINIMUM 600mm x 600mm TO MAINTAIN A CLEAR OPENING AND TO COMPLY WITH ANGLIAN WATER CURRENT HEALTH AND SAFETY STANDARDS

13) THE MATERIALS SPECIFIED ARE SUITABLE FOR THE GROUND CONDITIONS

14) IN SITUATIONS WHERE TRAFFIC LOADING IS ANTICIPATED TO BE HEAVIER THAN WOULD OCCUR ON A TYPICAL RESIDENTIAL ESTATE DISTRIBUTOR ROAD (I.E. BRAKING OR TURNING NEAR A JUNCTION) A HIGHER SPECIFICATION COVER (E600) SHOULD BE USED

Rev	Drawn	Checked	Description	Date
P11	AB	AB	EXISTING DYKE LAND DRAIN ADDED TO NORTH WEST CORNER	29.06.20
P10	AB	AB	PLOTS 1-5 FLOOR LEVELS AMENDED TO SUIT PLANNING APPROVED LEVEL	26.06.20
P09	AB	AB	PIPE NOs. 1.000 & 2.000 AMENDED TO 100ø	12.06.20
P08	AB	AB	UPDATED TO SUIT AWA COMMENTS	26.05.20
P07	AB	AB	UPDATED TO SUIT AWA COMMENTS	30.04.20
P06	MF		ISSUED FOR APPROVAL	17.03.20
P05	MF		REVISED TO SUIT COMMENTS	23.01.20
P04	TR	MF	REVISED TO SUIT COMMENTS	27.11.19
P03	AB	AB	RE-DESIGNED TO ACCOMMODATE OFFSITE SURFACE WATER CONNECTION AND S104 COMPLIANT WITH AW	29.10.19
P02	MF	AB	UPDATED TO SUIT COMMENTS	31.07.19
P01	MF	AB	ISSUED FOR APPROVAL	03.05.19

Client: LINDUM GROUP LTD

Project: WELLAND HOSPITAL REDEVELOPMENT, SPALDING

Title: PROPOSED LEVELS & S104 DRAINAGE

HWA CONSULTING ENGINEERS
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Scale	Size	Drawn	Checked
1:200	A1	MF	AB

Drawing Status: APPROVAL

Drawing No.: P19062-HWA-ZZ-XX-DR-C-6005

Revision: P11