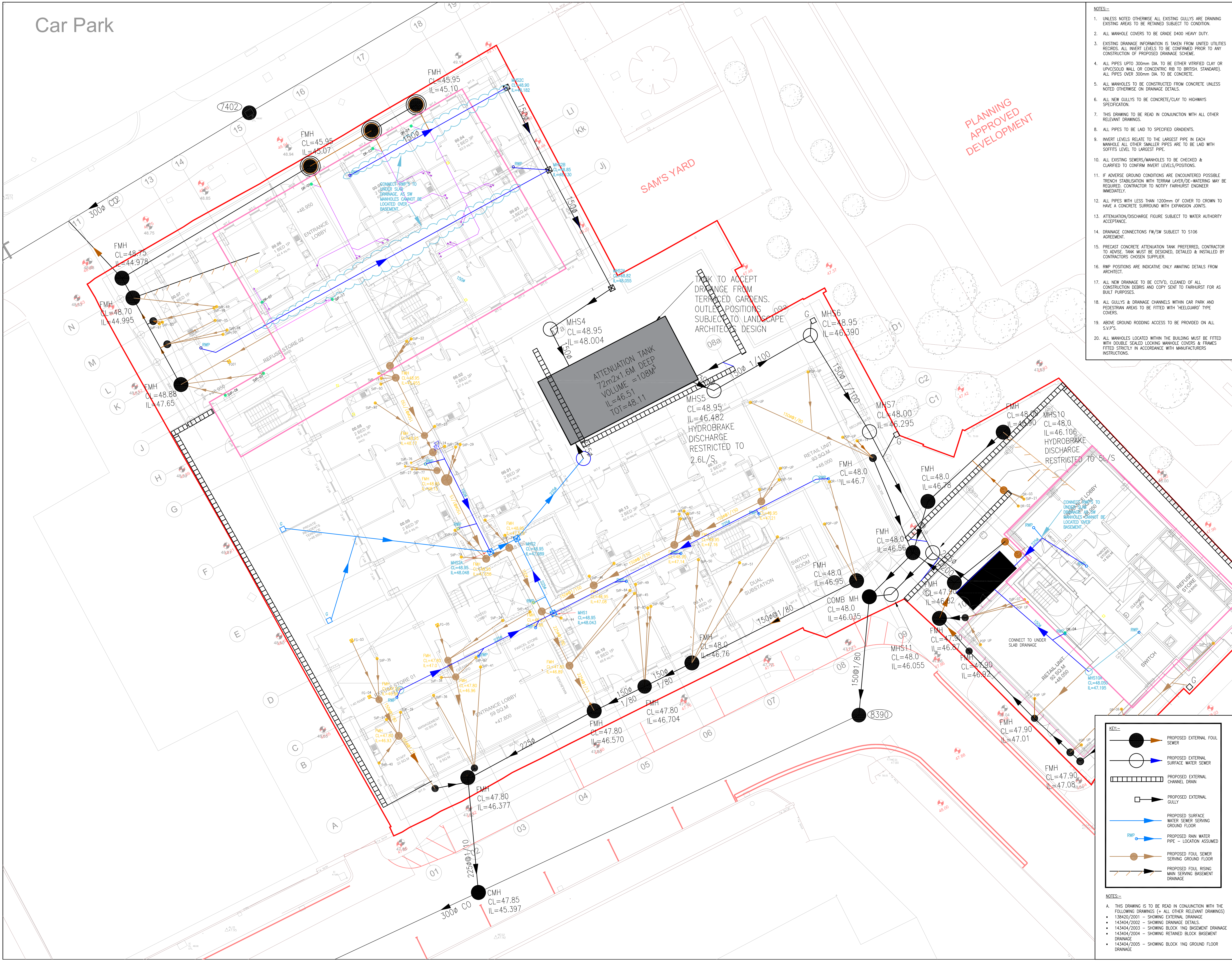


Car Park



PLANNING
APPROVED
DEVELOPMENT

- NOTES:-
- UNLESS NOTED OTHERWISE ALL EXISTING GULLIES ARE DRAINING EXISTING AREAS TO BE RETAINED SUBJECT TO CONDITION.
 - ALL MANHOLE COVERS TO BE GRADE D400 HEAVY DUTY.
 - EXISTING DRAINAGE INFORMATION IS TAKEN FROM UNITED UTILITIES RECORDS. ALL INVERT LEVELS TO BE CONFIRMED PRIOR TO ANY CONSTRUCTION OF PROPOSED DRAINAGE SCHEME.
 - ALL PIPES UP TO 300mm DIA. TO BE EITHER VITRIFIED CLAY OR UPVC/SOLID WALL OR CONCRETE RIB TO BRITISH STANDARD. ALL PIPES OVER 300mm DIA. TO BE CONCRETE.
 - ALL MANHOLES TO BE CONSTRUCTED FROM CONCRETE UNLESS NOTED OTHERWISE ON DRAINAGE DETAILS.
 - ALL NEW GULLYS TO BE CONCRETE/CLAY TO HIGHWAYS SPECIFICATION.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
 - ALL PIPES TO BE LAID TO SPECIFIED GRADIENTS.
 - INVERT LEVELS RELATE TO THE LARGEST PIPE IN EACH MANHOLE ALL OTHER SMALLER PIPES ARE TO BE LAID WITH SLOPES LEVEL TO LARGEST PIPE.
 - ALL EXISTING SEWERS/MANHOLES TO BE CHECKED & CLARIFIED TO CONFIRM INVERT LEVELS/POSITIONS.
 - IF ADVERSE GROUND CONDITIONS ARE ENCOUNTERED POSSIBLE TRENCH STABILISATION WITH TERRAM LAYER/DE-WATERING MAY BE REQUIRED. CONTRACTOR TO NOTIFY FAIRHURST ENGINEER IMMEDIATELY.
 - ALL PIPES WITH LESS THAN 1200mm OF COVER TO CROWN TO HAVE A CONCRETE SURROUND WITH EXPANSION JOINTS.
 - ATTENUATION/DISCHARGE FIGURE SUBJECT TO WATER AUTHORITY ACCEPTANCE.
 - DRAINAGE CONNECTIONS FW/SW SUBJECT TO S106 AGREEMENT.
 - PRECAST CONCRETE ATTENUATION TANK PREFERRED, CONTRACTOR TO ADVISE. TANK MUST BE DESIGNED, DETAILED & INSTALLED BY CONTRACTORS CHOSEN SUPPLIER.
 - RWP POSITIONS ARE INDICATIVE ONLY AWAITING DETAILS FROM ARCHITECT.
 - ALL NEW DRAINAGE TO BE CCTV'D, CLEANED OF ALL CONSTRUCTION DEBRIS AND COPY SENT TO FAIRHURST FOR AS BUILT PURPOSES.
 - ALL GULLYS & DRAINAGE CHANNELS WITHIN CAR PARK AND PEDESTRIAN AREAS TO BE FITTED WITH 'HEELGUARD' TYPE COVERS.
 - ABOVE GROUND RODDING ACCESS TO BE PROVIDED ON ALL SV/PS.
 - ALL MANHOLES LOCATED WITHIN THE BUILDING MUST BE FITTED WITH DOUBLE SEALED LOCKING MANHOLE COVERS & FRAMES FITTED STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

KEY:-

- PROPOSED EXTERNAL FOUL SEWER
- PROPOSED EXTERNAL SURFACE WATER SEWER
- PROPOSED EXTERNAL CHANNEL DRAIN
- PROPOSED EXTERNAL GULLY
- PROPOSED SURFACE WATER SEWER SERVING GROUND FLOOR
- PROPOSED RAIN WATER PIPE - LOCATION ASSUMED
- PROPOSED FOUL SEWER SERVING GROUND FLOOR
- PROPOSED FOUL RISING MAIN SERVING BASEMENT DRAINAGE

- NOTES:-
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS (+ ALL OTHER RELEVANT DRAWINGS)
 - 138420/2001 - SHOWING EXTERNAL DRAINAGE
 - 143404/2002 - SHOWING DRAINAGE DETAILS
 - 143404/2003 - SHOWING BLOCK 1NQ BASEMENT DRAINAGE
 - 143404/2004 - SHOWING RETAINED BLOCK BASEMENT DRAINAGE
 - 143404/2005 - SHOWING BLOCK 1NQ GROUND FLOOR DRAINAGE

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION:

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION

- RESTRICTED SITE/CONFINED SPACES
- GROUND WATER/INUNDATION

DEMOLITION

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

Rev: Date Description Drawn: Checked: Appd:

FAIRHURST

115 St. Pauls Street
LEEDS
LS1 2TE

Tel: 0113 243 4671
Fax: 0844 381 4412

Project Title:
**1 NQ & CLEMENTS BUILDING
TARIFF STREET
MANCHESTER**

Drawing Title:
**BLOCK 1NQ
GROUND FLOOR
DRAINAGE LAYOUT**

Scale of All:
1:100

Drawn: DS

Checked: DS

Appd: DS

Date: 31/05/23

Drawing No: 143404/2005

Revision: B