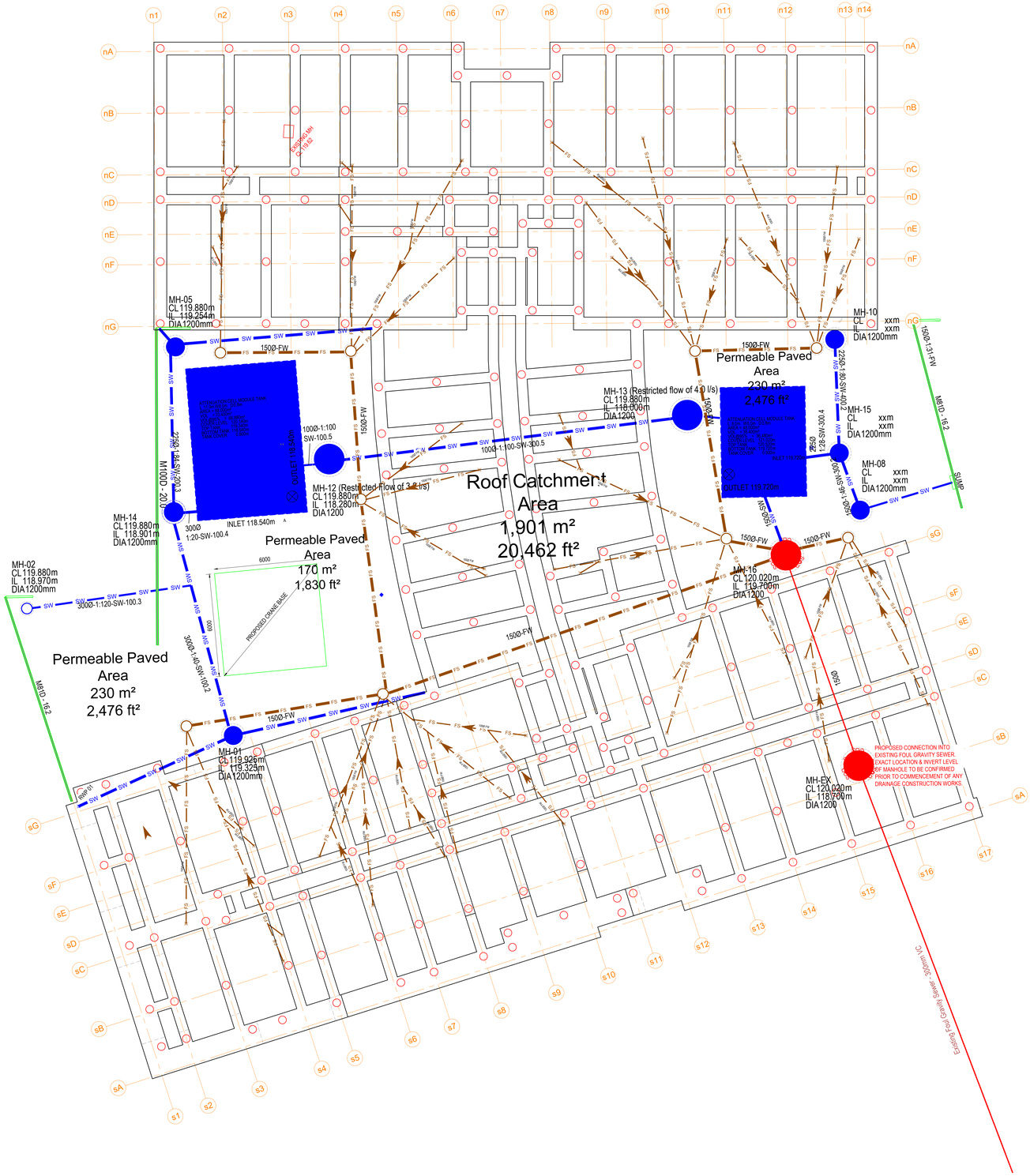


ONLY PDF/DWG ISSUES OF THIS DRAWING ARE CONTROLLED. ALL OTHER FORMATS (e.g. DWG AUTOCAD FILES) ARE UN-CONTROLLED AND ARE USED AT YOUR OWN RISK.

NOTE FOR CONTRACTORS

THIS ADS DRAWING SHOULD BE CONSIDERED ALONG WITH THE RISK INFORMATION CONTAINED IN THE CDM PRE CONSTRUCTION INFORMATION. THIS INFORMATION WILL INCLUDE DETAILS OF THE SIGNIFICANT RISK WHICH ADS HAVE IDENTIFIED WHICH MAY ARISE FROM CONSTRUCTING THE DESIGNS SHOWN ON THIS DRAWING. A COMPETENT CONTRACTOR SHOULD BE AWARE OF THE TYPICAL RISKS ASSOCIATED WITH DOING THIS WORK.

NOTE FOR WORKERS

DO NOT START YOUR WORK UNLESS YOU KNOW THE RISK AND CONTROLS RELATING TO THE WORK ON THIS DRAWING (INCLUDING SAFE SEQUENCES OF WORK AND EQUIPMENT)

STOP

DO NOT ISSUE COPIES OR PARTS OF THIS DRAWING WITHOUT THE ABOVE NOTE FOR WORKERS(UNLESS YOU ARE SURE THAT THE WORKERS CAN UNDERTAKE THE WORK SAFELY).

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONNECTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE FROM THIS DRAWING. ALL SETTING OUT DIMENSIONS ARE TO BE CHECKED AND VERIFIED ON SITE PRIOR TO COMMENCEMENT OF ANY BUILDING WORKS & FABRICATION OF MATERIALS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER.
3. ALL WORKMANSHIP AND MATERIALS ARE TO COMPLY WITH THE CURRENT BUILDING REGULATIONS, BRITISH STANDARDS AND CODES OF PRACTICE. ALL MATERIALS SHALL BE FIXED OR APPLIED IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATIONS. THE CONTRACTOR IS TO TAKE INTO ACCOUNT EVERYTHING DEEMED NECESSARY FOR THE PROPER EXECUTION OF THE WORKS WHETHER INDICATED ON THE DRAWINGS OR NOT TO THE COMPLETE SATISFACTION OF THE LOCAL AUTHORITY.
4. FOR FINAL SETTING OUT INFORMATION RELATING TO WALL POSITIONS REFER TO ARCHITECTS DRAWINGS.

CDM REGULATIONS 2015

IN LINE WITH THE ABOVE REGULATIONS WE ARE OBLIGED TO INFORM THE CONTRACTORS OF THE RISKS THAT MAY BE ENCOUNTERED IN THE CONSTRUCTION OF THESE WORKS. ALL DESIGN WORK HAS BEEN CARRIED OUT WITH HEALTH & SAFETY ASPECTS GIVEN FULL CONSIDERATION. WHEREVER POSSIBLE RISKS HAVE BEEN ELIMINATED FROM THE DESIGN, HOWEVER DUE TO THE VERY NATURE OF THIS TYPE OF WORK IT IS NOT POSSIBLE TO REMOVE ALL RISKS FROM THE DESIGN. WE WOULD ALSO RESPECTFULLY REMIND THE CONTRACTOR OF HIS OBLIGATIONS TO TAKE ALL REASONABLE STEPS ENSURING THAT ONLY COMPETENT WORKERS WHO HAVE A VALID SAFETY POLICY ARE EMPLOYED.
THEY SHOULD ALSO PROVIDE SATISFACTORY RESPONSES AT TENDER STAGE AS TO THE MANNER IN WHICH THEY DEAL WITH THE ELEMENTS OF RISK INVOLVED IN THIS TYPE OF WORK AND IN PARTICULAR THOSE HIGHLIGHTED BY ADS STRUCTURAL LIMITED BELOW:-

1. SUPPORT/ TREATMENT FOR ALL EXCAVATION WORK.
2. GUARDING TO EDGES OF EXCAVATIONS TO PREVENT PEOPLE, MATERIALS AND VEHICLES FALLING INTO EXCAVATIONS.
3. GUARDING OF EXCAVATIONS OUTSIDE WORKING HOURS TO PREVENT UNAUTHORISED ACCESS.
4. UNDERMINING TO ADJACENT ROADS OR STRUCTURES.
5. CONFINED SPACE OPERATIONS.
6. DEALING WITH EXISTING SERVICES.
7. TRAFFIC MANAGEMENT ON EXISTING HIGHWAYS.
8. PROCEDURE TO BE FOLLOWED IN EVENT OF AN ACCIDENT OR EMERGENCY.
9. METHOD OF WORKING WHERE CONTAMINATED GROUND IS PRESENT ON SITE
10. CONFIRMATION WILL BE REQUIRED THAT ALL OPERATIVES ARE ADEQUATELY TRAINED, AND COPIES OF RELEVANT CERTIFICATES TO BE SUPPLIED.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE OVERALL STABILITY OF THE STRUCTURE FROM THE COMMENCEMENT OF WORKS INCLUDING THE DESIGN AND PROVISION OF ALL NECESSARY TEMPORARY WORKS

THE ABOVE LIST IS BY NO MEANS EXHAUSTIVE BUT IT DOES HIGHLIGHT OPERATIONS THAT PRESENT A RISK TO CONTRACTORS AND THE GENERAL PUBLIC.

EXCAVATION WORKS

ATTENTION SHOULD BE DRAWN TO ALL DRAINAGE, WATER, GAS AND OTHER MAINS OR POWER SERVICES KNOWN TO EXIST ON OR OVER THE SITE. IT IS THE CONTRACTORS RESPONSIBILITY TO MAKE ALL NECESSARY ENQUIRES PRIOR TO COMMENCEMENT OF WORK.

ADEQUATELY PROTECT, UPHOLD, MAINTAIN AND PREVENT DAMAGE TO ALL SERVICES. DO NOT INTERFERE WITH THEIR OPERATION WITH CONSENT OF THE SERVICE AUTHORITIES OR PRIVATE OWNERS OR THE CONSULTING ENGINEER AS APPROPRIATE. ANY DAMAGE TO THE EXISTING SERVICES SHOULD BE IMMEDIATELY REPORTED TO THE CONSULTING ENGINEER AND APPROPRIATE AUTHORITIES.

THE CONTRACTOR SHALL PROVIDE ALL THE TEMPORARY FENCING, HOARDINGS, PLANKED FOOTWAYS, GUARD RAILS AND HAZARD LIGHTS TO THE CONSULTING ENGINEERS APPROVAL AS NECESSARY FOR THE PROTECTION OF THE PUBLIC FOR THE PROPER EXECUTION OF THE WORKS AND FOR MEETING THE REQUIREMENTS OF THE LOCAL AUTHORITY.

THE CONTRACTOR IS TO INCLUDE FOR ISSUING ALL REQUIRED NOTICES TO THE LOCAL AUTHORITY BUILDING INSPECTORS PRIOR YO THE COMMENCEMENT, DURING THE WORKS AND UPON COMPLETION. IT IS THE CONTRACTORS SPECIFIC RESPONSIBILITY TO ENSURE ALL REQUIRED NOTICES ARE ISSUED AT THE CORRECT TIME.

DRAINAGE NOTES

1. ALL DRAINAGE WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH ADS STRUCTURAL LTD DESIGN SPECIFICATIONS. ANY DEVIATIONS WILL NEED TO BE APPROVED BY THE DESIGN ENGINEER PRIOR TO WORKS.
2. THE CONTRACTORS ARE TO CONFIRM FIRST ALL DIMENSIONS AND LEVELS PRIOR TO THE COMMENCEMENT OF ANY WORK. DISCREPANCIES MUST BE HIGHLIGHTED WITH THE DESIGN ENGINEER WHO IS TO ASSESS THE POTENTIAL IMPACT PRIOR TO FURTHER WORKS.
3. ALL DRAINAGE IS TO CONFORM TO THE ASSOCIATED STANDARDS OF BOTH BS EN 7534 CODE OF PRACTICE FOR BUILDING DRAINAGE AND TO SEWERS FOR ADOPTION WHERE APPROPRIATE
4. THE CONTRACTOR IS TO PROVIDE PROTECTION TO ALL NEW AND EXISTING SERVICE PIPEWORK DURING THE CONSTRUCTION PHASE. A STATEMENT OF PROPOSED MEASURES TO BE PROVIDED TO THE DESIGN ENGINEER PRIOR TO THE COMMENCEMENT OF WORKS
5. ALL PIPES WITHIN TRAFFICKED AREAS TO HAVE A MINIMUM OF 900mm COVER UNLESS OTHERWISE STATED. WHERE THESE DO NOT CONFORM TO THIS STANDARD A MINIMUM OF 150mm SURROUND CONCRETE USING C20/20 AS PROTECTION. FLEXIBILITY OF PIPES EITHER SIDE OF THE PROTECTION MUST BE UTILISED.
6. PIPE TRENCHES ARE TO HAVE ALL SOFT SPOTS FILLED WITH APPROVED GRANULAR MATERIAL. HARD SPOTS ARE TO BE BROKEN DOWN. THE CONTRACTOR TO ENSURE ALL TRENCHES OFFER ADEQUATE PROTECTION FOR SAFE WORKING
7. TRENCHES ARE TO BE BACKFILLED WITH EITHER GRANULAR FILL OR TYPE 'B' SELECTED MATERIAL FROM EXISTING SITE. ANY TRENCH WITHIN 1M OF A LOAD BEARING STRUCTURE TO BE BACKFILLED WITH CONCRETE UP TO THE UNDERSIDE OF THE STRUCTURE.
8. ALL ACCESS COVERS MUST CONFORM TO BS EN 124 PART 1.
9. RWP'S DISCHARGING TO A COMBINED SEWER MUST BE INSTALLED WITH TRAPPED BACK INLET GULLY.
10. ALL COVER LEVELS ARE APPROXIMATE AND ARE TO BE SET IN ACCORDANCE TO FINISHED LEVELS.

DO NOT SCALE

REV	DATE	REVISION DETAILS	DRAWN	CHKD.	APPRD.
P5	NY1	AMENDMENTS.	AMS	SWH	ADS
P4	NY1	AMENDMENTS.	JAL	SWH	ADS
P3	26.07.2023	LFA COMMENTS	AMS	SWH	ADS
P2	19.07.2023	UPDATE LAYOUT.	AMS	SWH	ADS
P1	09.06.2023	PRELIMINARY ISSUE.	AMS	SWH	ADS

CLIENT:
10M GROUP

PROJECT:
215 BRADFORD STREET
BIRMINGHAM

DRAWING TITLE:
DRAINAGE PLAN

DRAWING STATUS:
PRELIMINARY

ads structural
107 Mere Grange Business Park
Leaside, St Helens WA9 5GG
Tel: 0151 541 4000
info@adsstructural.co.uk

SCALE @ A0	PROJECT - ORIGINATOR - ZONE - LEVEL - TYPE - ROLE - NUMBER	REV
1:100	7340-ADS-V1-F1-DR-C-500	P5

COPYRIGHT RETAINED BY ADS STRUCTURAL LTD. INFORMATION TO BE REPRODUCED WITH PERMISSION ONLY. TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND INFORMATION ISSUED AS PART OF THIS APPOINTMENT. CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE. THESE ARE NOT WORKING DETAILS. THESE ARE DESIGN ONLY DRAWINGS AND ARE NOT TO BE USED FOR CONSTRUCTION UNTIL FINAL DRAWINGS ARE PRESENTED OR SPECIFICALLY STATED WITH THE DRAWING STATUS. THESE DRAWINGS ARE INTENDED FOR THE PURPOSE STATED WITHIN THE TITLE BLOCK ONLY.