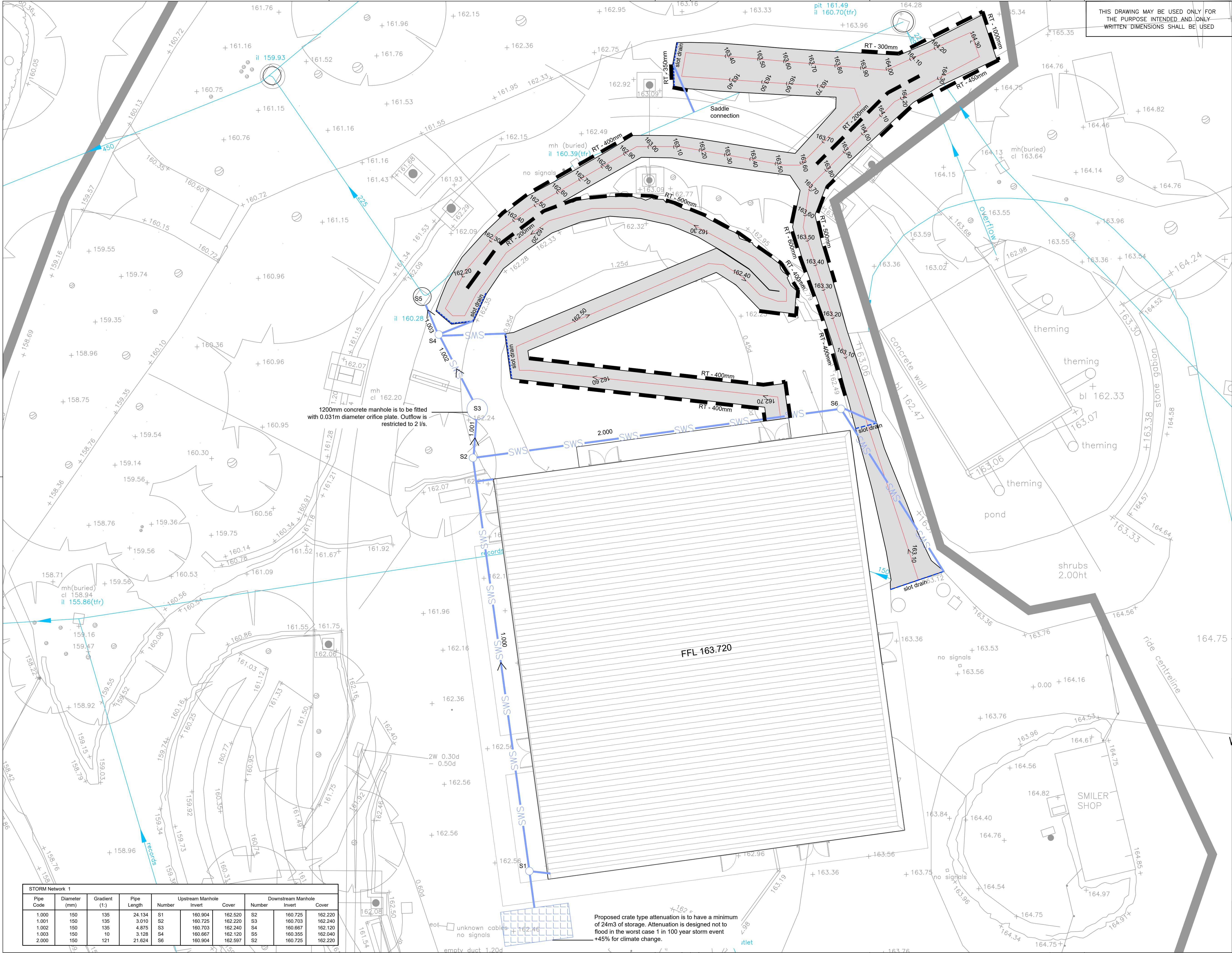




JNM

CIVIL ENGINEERING DESIGN CONSULTANTS

NOTES:
1. ALL DIMENSIONS IN METRES UNLESS STATED OTHERWISE.
2. ALL PRIVATE DRAINAGE WORKS ARE TO COMPLY WITH THE REQUIREMENTS OF BS 752 BUILDING DRAINAGE AND BUILDING REGULATIONS 2010 APPROVED DOCUMENT H 2002 EDITION. ALL ADOPTABLE DRAINAGE TO COMPLY WITH THE REQUIREMENTS OF SEVERN TRENT WATER AND DESIGN AND CONSTRUCTION GUIDANCE (DCG 2020), INCLUDING THE RELEVANT PROVISIONS OF THE COMBINED ADDENDUM.
3. ALL MATERIALS, UNLESS SPECIFIED OTHERWISE, SHALL COMPLY WITH THE RELEVANT BRITISH STANDARD. SOURCES OF MATERIALS ARE TO BE AGREED WITH THE EMPLOYER'S REPRESENTATIVE/ENGINEER IN ADVANCE OF THE WORKS.
4. ANY DISCREPANCIES IN THE DETAILS SHOWN TO BE REPORTED TO THE EMPLOYER'S REPRESENTATIVE/ENGINEER PRIOR TO CONSTRUCTION.
5. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE WORKS WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORKS.
6. TYPICAL PIPE BEDDING TO DRAINAGE WHERE DEPTH TO SOFFIT IS GREATER THAN 600mm IN LANDSCAPED AREAS AND GREATER THAN 1200mm IN ADOPTABLE HIGHWAYS AND 900mm IN OTHER TRAFFICKED AREAS IS TO BE CLASS S (I.E. 10-14mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES UP TO 525 Dia AND 20-40mm GRADED IMPORTED GRANULAR BED AND SURROUND FOR PIPES GREATER THAN 525 Dia)
7. BACKFILL TO DRAINAGE TRENCHES UNDER CARRIAGEWAYS TO BE TYPE 1 SUB-BASE MATERIAL. ELSEWHERE BACKFILL TO BE FREE DRAINING READILY COMPATIBLE MATERIAL, FREE FROM RUBBISH AND ORGANIC MATTER, FROZEN SOIL, CLAY LUMPS AND LARGE STONES. TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK.
8. A FLEXIBLE JOINT SHALL BE PROVIDED AS CLOSE AS IS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH A PIPE IS BUILT. COMPATIBLE WITH THE SATISFACTORY COMPLETION AND SUBSEQUENT MOVEMENT OF THE JOINT. THE LENGTH OF THE NEXT PIPE (ROCKER PIPE) AWAY FROM THE STRUCTURE SHALL BE AS SHOWN IN THE TABLE BELOW.
9. SVP AND RWP POINTS TO BE CONFIRMED PRIOR TO CONSTRUCTION
10. IF ANY INFORMATION ON SITE DIFFERS FROM THE DETAILS ON DRAWINGS JNM ENGINEERING LTD MUST BE INFORMED IMMEDIATELY

NOMINAL DIAMETER (mm)	EFFECTIVE LENGTH (m)
150-600	0.6

KEY:
RT - 400mm LOCATION AND HEIGHT OF PROPOSED RETAINING WALL
2.000 SWS PROPOSED SURFACE WATER DRAINAGE. REFER TO STORM NETWORK TABLE 1 FOR PIPE DETAILS. MANHOLES TO BE 450mm POLYTHENE
slot drain PROPOSED SLOT DRAINAGE CHANNEL
162.40 PROPOSED SPOT LEVEL AND FALL DIRECTION

Revision	Details	By	Check	Date	Suffix
1	Drawing Number J02515/A1/001				

ALTON TOWERS
WALKTHROUGH ATTRACTION

Drawing Title
ENGINEERING LAYOUT

Scale at A1	Detailed	Approved
1:100		James Mew's

Drawn	Tech Chk	Det Chk	Date
CWM	JJM		09.04.26

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