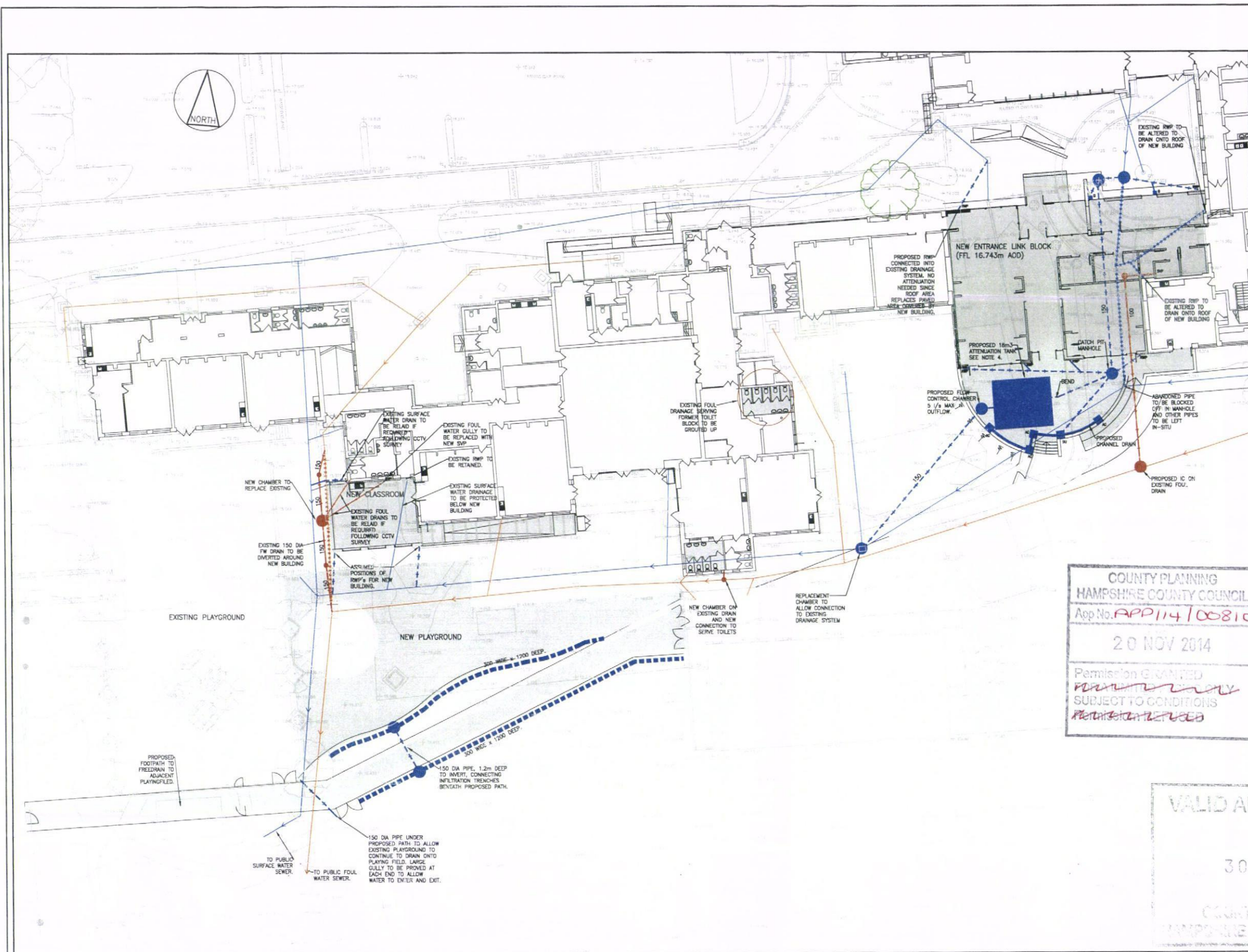




NOTES

- DO NOT SCALE FROM THIS DRAWING
- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- THE ATTENUATION TANK AND INFILTRATION TRENCHES HAVE BEEN SIZED USING THE SOURCE CONTROL MODULE OF THE MICRODRAINAGE COMPUTER PROGRAM.
- THE ATTENUATION TANK HAS BEEN DESIGNED TO A 1 IN 30 YEAR WITH A 30% ALLOWANCE FOR CLIMATE CHANGE. THE OUTFLOW FROM THE TANK WOULD BE LIMITED TO THE EXISTING 1 IN 1 YEAR FLOW FROM THE EXISTING PAVED AND ROOF AREAS. THIS HAS BEEN ASSESSED AS 5.4 l/s BUT SEE NOTES 6 AND 7.
- EXCESS FLOWS RESULTING FROM STORMS MORE SEVERE THAN 1 IN 30 YEARS WOULD BE DESIGNED TO OVERFLOW AWAY FROM BUILDINGS. THE OUTFLOW RESULTING FROM A 1 IN 100 YEAR RETURN PERIOD STORM IS PREDICTED TO BE 6.2m³ AND THIS IS ANTICIPATED TO BE ALLOWED TO SOAK INTO THE PLAYING FIELD.
- THE SURFACE WATER FLOW FROM THE SINGLE NEW CLASSROOM IS PROPOSED TO DRAIN WITHOUT ATTENUATION TO THE EXISTING SURFACE WATER DRAINAGE SYSTEM, SEE NOTE 7.
- THE PEAK FLOW FROM 6 IS ESTIMATED TO BE 0.9 l/s AND THE OUTFLOW FROM THE ATTENUATION TANK HAS BEEN REDUCED BY A CORRESPONDING AMOUNT TO COMPENSATE FOR THIS. THE PEAK OUTFLOW FROM THE ATTENUATION TANK WOULD THEREFORE BE 5.4 - 0.9 = 4.5 l/s. DUE TO PRACTICAL CONSIDERATIONS THIS HAS BEEN ROUNDED TO 5.0 l/s.
- THE INFILTRATION TRENCHES DRAIN AREAS OF BOTH EXISTING AND PROPOSED PLAYGROUND. THE EXISTING PLAYGROUND AREA HAS NO FORMAL DRAINAGE BUT DRAINS ONTO THE ADJACENT PLAYING FIELD. THE INFILTRATION TRENCH HAS BEEN DESIGNED TO DRAIN THE NEW PAVED AREA FOR A 1 IN 1 YEAR LEVEL OF PROTECTION. IT IS ANTICIPATED THAT FLOWS IN EXCESS OF THIS WOULD FLOW ONTO THE PLAYING FIELD AND WOULD SOAK AWAY.
- THE SURFACE WATER RUN-OFF FROM THE EXISTING LARGE PLAYGROUND AREA CURRENTLY COLLECTS AT THE LOW POINT AND DRAINS ONTO THE PLAYING FIELD. THIS IS PROPOSED TO CONTINUE BUT SINCE A NEW PEDESTRIAN PATH IS PROPOSED TO BE INSTALLED ACROSS THIS FLOW PATH A DRAIN IS PROPOSED UNDER THE PEDESTRIAN PATH.

HAVANT BOROUGH COUNCIL
21 NOV 2014
KEY
RECEIVED

COUNTY PLANNING
HAMPSHIRE COUNTY COUNCIL
App No. APP114/00810
20 NOV 2014
Permission GRANTED
SUBJECT TO CONDITIONS
RETURNED

VALID APPLICATION

30 JUL 2014

COUNTY PLANNING
HAMPSHIRE COUNTY COUNCIL

PLANNING

CLIENT HAMPSHIRE COUNTY COUNCIL PROPERTY SERVICES					CONSULTANT Hampshire County Council Engineering STUART JARVIS BSc DipTP FCIT MRTP: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT		DRAWN JB CAB JB CHECKED SF APPROVED DR		SCHEME RIDERS INFANT & JUNIOR SCHOOLS EXPANSION FROM 2FE to 3FE JOB No. RJ509982 SCALE: A1 1:200 DATE 24.07.14 SHEET No.		DRAWING TITLE PRELIMINARY DRAINAGE LAYOUT HCC Date: 28 Jul 2014 at: 9:57am ORG No. EC/RJ509982/501 REV	
REV.	AMENDMENT	DATE	DRAWN	CHKD	APPD							