



KEY

	EXISTING SURFACE WATER PUBLIC SEWER
	EXISTING FOUL WATER PUBLIC SEWER
	EXISTING SURFACE WATER MANHOLE
	EXISTING FOUL WATER MANHOLE
	PROPOSED PRIVATE SURFACE WATER DRAINAGE
	PROPOSED HYDRO-BRAKE SURFACE WATER MANHOLE, SIZE AS NOTED
	PROPOSED PRIVATE SURFACE WATER PC & PPIC
	PROPOSED PRIVATE FOUL WATER PPIC
	PROPOSED PRIVATE FOUL WATER DRAINAGE
	PROPOSED FOUL CONNECTION PIPE
	PROPOSED LINEAR DRAIN, ACO MULTIDRAIN (M100D 10.0) OR SIMILAR APPROVE
	PROPOSED ROAD GULLY-CONCRETE
	PROPOSED RWP/GULLY CONNECTION PIPE
	PROPOSED FOUL PIPE FLOW DIRECTION
	PROPOSED STORM PIPE FLOW DIRECTION
	PROPOSED STORM WATER MANHOLE
	PROPOSED FOUL WATER MANHOLE
	COVER LEVEL
	INVERT LEVEL
	DEPTH OF MANHOLE
	PROPOSED PIPE/MANHOLE DIAMETER
	PROPOSED RAINWATER PIPE-PLASTIC
	PROPOSED SW/FOUL BACK DROP
	POLYPROPYLENE INSPECTION CHAMBER
	SOIL VENT PIPE (FOUL) - PLASTIC
	FOUL GULLY-CONCRETE, BRANCH / OUTLET / GULLY TAIL (110mm Ø POLYSEWER OR SIMILAR APPROVED)
	PROPOSED SITE BOUNDARY

ALL FOUL WATER POP UP AND RAINWATER DOWNPIPE LOCATIONS AS PRE ARCHITECT LAYOUT.

NOTES
CONSTRUCTION OF THE BUILDING AND EXTERNAL HARDSTANDING BEFORE THE FULL CONSTRUCTION OF THE SURFACE WATER DRAINAGE SYSTEM COULD RESULT IN FLOODING. CONTRACTOR TO REVIEW CONSTRUCTION PROGRAMME TO ENSURE SURFACE WATER CONNECTION IS COMPLETE OR TO PROVIDE SUITABLE TEMPORARY DRAINAGE INFRASTRUCTURE

- GENERAL NOTES**
- ALL LEVELS ARE IN METRES (U.N.O.) AND ARE RELATIVE TO ORDNANCE DATUM (A.O.D).
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND CIVIL AND STRUCTURAL SPECIFICATION. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - THE CONTRACTOR IS TO TAKE ADEQUATE MEASURES TO PREVENT DAMAGE TO EXISTING FOUNDATIONS AND LIVE SERVICES, ANY REMEDIAL WORK TO EXISTING FOUNDATIONS AND SERVICES DAMAGED BY THE CONTRACTOR IS TO BE UNDERTAKEN TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR TO QUALIFY AND RECORD LOCATION, LEVEL AND SIZE OF EXPOSED SERVICES RELATIVE TO :
 - LEVEL - AN EXISTING DATUM
 - POSITION - RELATIVE TO GRID LINE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND ACCURACY OF ALL DIMENSIONS AND THE SETTING OUT OF WORK ON SITE.
 - ANY DISCREPANCY IN LEVELS OR DIMENSIONS TO BE REPORTED TO THE DESIGNER IMMEDIATELY.
 - EXCAVATIONS MUST NOT BE LEFT UNCOVERED FOR MORE THAN 24HOURS.
 - EXCAVATIONS AND SURROUNDING SITE MUST BE KEPT FREE OF WATER AND SHALL BE TRIMMED, LEVELLED AND PROTECTED FROM INCLEMENT WEATHER.
 - ALL PIPES SHALL BE LAID WITH SOFFITS LEVEL UNLESS NOTED OTHERWISE. PIPE GRADIENTS SHOWN ARE APPROXIMATE.
 - THE COVER LEVELS SHOWN SHALL SUIT THE EXACT FINISHED LEVEL AS REQUIRED ON SITE.
 - ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BS EN 752 AND CURRENT BUILDING REGULATIONS.
 - DETAILS AND POSITIONS OF ALL EXISTING SERVICES TO BE CONFIRMED PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
 - ALL PIPES BELOW BUILDING AND EXTERNAL TO THE BUILDING WITH LESS THAN 0.6m COVER TO HAVE 150mm. MINIMUM CONCRETE SURROUND TO BS 8500, CLASS GEN3 (C16/20), OR SIMILAR APPROVED. ALL REMAINING UNDERGROUND PIPEWORK TO BE ON CLASS 'S' BEDDING.
 - ALL MANHOLE COVERS AND FRAMES TO BE DOUBLE SEALED AND LOCKABLE TO BS EN 124, WITH SIZES AND GRADES AS INDICATED ON THE MANHOLE SCHEDULE.
 - ALL BRANCH CONNECTIONS TO BE MADE WITH SWEEP BENDS IN THE DIRECTION OF FLOW IN THE MAIN SEWER.
 - ALL INLINE DRAINAGE CHANNEL AND GULLY CONNECTIONS TO BE 150mm Ø. UNLESS NOTED OTHERWISE.
 - ALL RAINWATER DOWN PIPE CONNECTIONS TO BE 110mm. Ø UNLESS NOTED OTHERWISE.
 - INVERT LEVELS, DIMENSIONS AND LOCATIONS OF EXISTING SEWERS AND MANHOLES AFFECTING THE WORKS TO BE VERIFIED AND ASSESSED FOR SUITABILITY PRIOR TO COMMENCEMENT OF WORKS, PARTICULARLY AT POINTS OF CONNECTION.

SURFACE WATER PIPE MATERIALS

GRAVITY PIPEWORK

SURFACE WATER DRAINAGE

300Ø AND LESS TO BE THERMOPLASTIC STRUCTURED WALL PIPES (AS POLYPIPE 'POLYSEWER' OR SIMILAR APPROVED) TO WIS4-35-01.

375Ø AND ABOVE TO BE PRECAST, REINFORCED CONCRETE PIPES, CLASS 'M', WITH FLEXIBLE JOINTS TO BS 5911 OR THERMOPLASTIC STRUCTURED WALL PIPES (AS POLYPIPE 'RIDGISEWER' OR SIMILAR APPROVED) TO WIS4-35-01.

FOUL WATER DRAINAGE

FOUL WATER DRAIN 100/150mm Ø POLYPIPE 'POLYSEWER' OR SIMILAR APPROVED, U.N.O.)

T02	16.08.2021	UPDATED TO SUIT NEW ROAD LAYOUT	MH	PB
T01	03.08.2021	ISSUE FOR TENDER	MH	PB
REV	DATE	DESCRIPTION	BY	APP

DRAWING STATUS:		TENDER							
CLIENT:	MIDLANDS PARTNERSHIP NHSFT								
ARCHITECT:	GILLING DOD ARCHITECTS								
PROJECT:	OAK WARD PROPOSED SECLUSION								
TITLE:	PROPOSED DRAINAGE LAYOUT								
STATUS:	PROJECT No:	PROJECT	ORIGIN	FUNCT.	SPACIAL	FORM	DISC.	DRAWING No.	REV.
S2	221-082	OWMPFT - AJP - V1 - ZZ - DR - C	-001000	T02					
SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:				
1:100	MH	MH	P.Bryan	P.Bryan	AUG 2021				