

PRELIMINARY



- GENERAL
1. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ANY DISCREPANCIES ARE TO BE RECORDED AND REPORTED TO THE ENGINEERS IMMEDIATELY.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS AND ARCHITECTS DRAWINGS AND THE SPECIFICATION.
 3. ALL WORK IS TO BE TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.
 4. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.
 5. ALL WORKMANSHIP AND MATERIALS ARE TO BE TO CURRENT BRITISH STANDARDS.
 6. ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.
 7. ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.
 8. ALL HIGHWAY WORKS ARE TO BE IN ACCORDANCE WITH THE LOCAL AUTHORITIES DESIGN GUIDE AND SPECIFICATION.
 9. PRIOR TO THE OCCUPATION OF THE FIRST DWELLING, STREET NAMEPLATES SHALL BE ERECTED IN ACCORDANCE WITH THE HIGHWAY AUTHORITY AND TO WORDING AGREED WITH THE PLANNING AUTHORITY.
 10. DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTPATHS ARE TO BE SWEEPED AND KEPT CLEAR OF OBSTRUCTIONS, THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE OF ALL ROAD USERS.
 11. PROVISION SHALL BE MADE FOR THE INSTALLATION OF ALL MAINS SERVICES INCLUDING DUCTING PRIOR TO THE LAYING OF THE BASECOURSE.
 12. ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH 'THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS' 2002.
 13. ALL SEWER WORKS ARE TO BE IN ACCORDANCE WITH 'SEWERS FOR ADOPTION 6th EDITION AND WATER AUTHORITY ADDENDUM AS APPLICABLE'.

KEY TO REGRADE LAYOUT

LEVEL RETAINED AGAINST RETAINING WALL	450mm R/W
LEVEL RETAINED AGAINST GRAVEL BOARDS	300mm G/B
TANKING	Tanking (No)
PROPOSED LEVEL	+00.000
EXISTING LEVEL	+18.75
GRADIENT	1/2000
STEPS	1st 2nd 3rd
UNDERBUILT WITH No. OF BRICK COURSES	3
EXTENT OF RAISED/SECONDARY D.P.C.	DPC
BANKING MARKER	
FINISHED FLOOR LEVEL	FFL 00.000

ROAD AND PAVEMENT KEY

BLOCK PAVING
HERITAGE SURFACE
HERITAGE SURFACE

NOTE:
ALL PRIVATE DRAINAGE PIPEWORK UNDER PERMEABLE PAVING TO BE PERFORATED PIPES WITH GEOTEXTILE WRAP PLEASE REFER TO PRIVATE PAVEMENT CONSTRUCTION DETAIL DRAWING EA122-EN-09.

ORIFICE PLATE SCHEDULE

SMH1	69mm
SMH2	96mm
SMH3	105mm
SMH8	115mm
SMH9	73mm
SMH10	66mm
SMH11	61mm
SMH12	91mm
SMH5	111mm
SMH13	127mm
SMH14	63mm
SMH15	94mm
SMH16	96mm
SMH6	62mm & 101mm
SMH17	113mm & 120mm
SMH18	83mm
SMH7	102mm

LATERAL PPIC
UPSTREAM OF
ADOPTABLE
MANHOLES

DRAINAGE KEY FOR DRAWING SHEETS

PRIVATE SURFACE WATER	PRIVATE FOUL WATER
SURFACE WATER MANHOLE TEXT	FOUL WATER MANHOLE TEXT
SURFACE WATER PIPE-RUN DIAMETER/GRADIENT	FOUL WATER PIPE-RUN DIAMETER/GRADIENT
PRIVATE ROAD GULLY	SOIL & VENT PIPE
PRIVATE YARD GULLY	STUB STACK
RODDING EYE	WC CONNECTION
RAIN WATER PIPE	WASH HAND BASIN
	TRAPPED GULLY
	SEALED FLOOR GULLY
	BACK INLET GULLY
	FLOOR SOCKET
INSPECTION CHAMBERS	INSPECTION CHAMBERS
225mm Ø	225mm Ø
0-600mm DEEP	0-600mm DEEP
480mm Ø	480mm Ø
>600mm DEEP	>600mm DEEP
	480mm Ø BACKDROP
	>600mm DEEP
ADOPTABLE SURFACE WATER	ADOPTABLE FOUL WATER
SURFACE WATER MANHOLE TEXT	FOUL WATER MANHOLE TEXT
STORM WATER PIPE-RUN	FOUL WATER PIPE-RUN
INSPECTION CHAMBER DEPTH VARIES	INSPECTION CHAMBER DEPTH VARIES
TYPE C MANHOLE	TYPE C MANHOLE
ADOPTABLE ROAD GULLY	

KEY TO SHEET LAYOUT

SHEET 1

SHEET 2

SHEET 3