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THE FINISHED FLOOR LEVELS, SURFACE WATER AND HIGHWAY DRAINAGE SYSTEMS SHOWN ON THIS DRAWING HAVE BEEN DESIGNED TO FOLLOW AS CLOSELY AS PRACTICABLE THE SURFACE WATER DRAINAGE STRATEGY SET OUT IN THE FLOOD RISK ASSESSMENT REV A (31st MARCH 2016) AND DRAINAGE STRATEGY REV A (19th JULY 2016) BOTH PREPARED BY STUART HEMMINGS ESQ AND CONFIRMED AS BEING "GENERALLY ACCEPTABLE TO THE HIGHWAY AUTHORITY" IN THEIR PLANNING CONSULTATION RESPONSE 8th AUGUST 2016.

ALL INFILTRATION STRUCTURES AND CONVEYANCE CONDUITS HAVE BEEN DESIGNED AS SHALLOW AS POSSIBLE TO ENSURE SUFFICIENT CLEARANCE BETWEEN THEM AND THE WATER TABLE AND TO ENSURE A GRAVITY OUTFALL SOLUTION IS ACHIEVABLE WORKING WITHIN THE CONSTRAINTS OF EXISTING SITE LEVELS, RECEIVING WATERCOURSE LEVELS AND FINISHED FLOOR LEVELS.

THE HIGHWAY DRAINAGE SYSTEM HAS BEEN DESIGNED AS A CONVEYANCE SYSTEM, HOWEVER ALLOWANCE HAS BEEN MADE WITHIN THE DRAINAGE CALCULATIONS FOR LIMITED INFILTRATION THROUGH THE SIDES (NOT BASES) OF FILTER STRIPS AND UNDER-DRAINED SWALES AS PER THE HUMBERSIDE MATERIALS LABORATORY REPORT REF 860/4607/P (NOVEMBER 2016), RATE = 1.5x10-6 ms.

ALL ADOPTED ROADS BASED ON 1.1% CBR AS PER HUMBERSIDE MATERIALS LABORATORY REPORT REF 860/4067/P (NOVEMBER 2016).

FOUL WATER CONNECTION TO BE CONFIRMED BY THE CLIENT FOLLOWING THE ANGLIAN WATER SERVICES LTD PLANNING RESPONSE LETTER REF 00012841 DATED 3rd MAY 2016.

NOTES:

ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROCEDURES AND SPECIFICATIONS OF SERVICES FOR ADOPTION 4TH EDITION (MARCH 2006).

PERVIOUS STORM BLOCKS CONSTRUCTION TO BE 100mm ac ON225 STONEWORK STANDARD

PERVIOUS BLOCK PAVING CONSTRUCTION TO BE 80mm THICK BLOCKS LAID ON 50mm THICK BEDDING LAYER OF No.6 DUSTS OVER 200mm THICK STONE TYPE 3/4 (40mm ac) SUB BASE ON PLASTER TRAY c/w WEBIC SENTINEL 4 PLATE OR MORE (ON225 STONEWORK STANDARD)

ALL CATCH AND LATERAL DRAINS WITHIN HIGHWAYS CONSTRAINT BE BEDDED IN 150mm MIN 150mm CBR 5% OR STRONGER CLAY TYPES ECCESS CONSTRUCTION METHOD TO BS EN 1401-1:1998 & BE MARK DRAINS.

ALL PRIVATE DRAINAGE CONSTRUCTION WITHIN ADOPTED HIGHWAY TO BE CLAY TYPE 2 STRUCTURAL STRENGTH.

ALL PIPEWORK THAT IS LAID EARTH TO WATER UNLESS OTHERWISE STATED.

ALL HIGHWAY DRAINAGE PIPES NOT SHOWN OTHERWISE to be 225mmØ and 300mmØ WITH CAPITAL SOCKET 1.2m TO BE POLYPIPE ENGINEERED POLYPROPYLENE (RITE-TITE) TYPE C AND UNDER DRAINAGE STRAIGHT OR PERFORATED DRAINAGE PIPES OR ROAD GRATINGS AND GRATINGS AND ALL DRAINAGE PIPES UNDER ROADS TO BE CLASS 120 CONCRETE SURROUND UNLESS OTHERWISE STATED.

ALL CAT PIPES: 150mmØ or 225mmØ RITE-TITE TO BS EN 13476-2 CLASS SN8 PIPES: 1.2m TO BE POLYPIPE ENGINEERED POLYPROPYLENE (RITE-TITE) TYPE C AND UNDER DRAINAGE STRAIGHT OR PERFORATED DRAINAGE PIPES OR ROAD GRATINGS AND GRATINGS AND ALL DRAINAGE PIPES UNDER ROADS TO BE CLASS 120 CONCRETE SURROUND UNLESS OTHERWISE STATED.

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PRECAST CONCRETE PRODUCTS AND IN SITU CONCRETE TO CONFORM A MINIMUM CLASS 1 GEL.

STRUCTURAL CONCRETE TO BE IN ACCORDANCE WITH BS 5328 AND MIX DESIGNED TO GIVE A MIN 28 DAY CUBE QUASE FIRC WHEN BATCHED BATCHED AND LOW IN ALL OTHER SITUATIONS.

ALL REINFORCED CONCRETE SHALL BE STRESSED TO PASSIVE & "PASS" CERTIFICATE WHERE EXPOSED AND SHALL HAVE A "PASSIVE" STRESS IN ALL OTHER SITUATIONS. EXPOSED ALL EXPOSED PLATE SHALL BE GALVANIZED, ETC IN ACCORDANCE WITH THE WATER BOARD SPECIFICATION. 1 OR EQUIVALENT.

STEEL WORK SHALL BE IN ACCORDANCE WITH BS 4461.

ALL MATERIALS USED IN THE GRADED ZONE WITHIN 1 METRE OF PIPES SHALL CONSIST OF CRUSHED ROCK OR GRAVEL SUITABLY GRADED TO PROVIDE A "FREE" VOID RATIO WHERE EXPOSED AND SHALL HAVE A "PASSIVE" STRESS IN ALL OTHER SITUATIONS. EXPOSED ALL EXPOSED PLATE SHALL BE GALVANIZED, ETC IN ACCORDANCE WITH THE WATER BOARD SPECIFICATION. 1 OR EQUIVALENT.

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THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT ENGINEERING CONSTRUCTION COUNCIL DESIGN GUIDE FOR ROAD AND BRIDGE WORKS AND DEPARTMENT ROAD SPECIFICATIONS AND CONSTRUCTION PUBLICATIONS INCLUDED IN THE CONTRACT AT THE TIME OF CONSTRUCTION.

ALL LOCATED WITHIN THE HIGHWAY SHALL CONFORM TO HIGHWAYS AGP 1 AND 2 CLASS 1 WORKS. ALL LOCATED SHALL BE BENDED NOT MORE ADVANTAGES AND SHALL HAVE A NOMINAL WASTE of 50mm WITH A MINIMUM DEPTH AT 50 WASTE OF 90mm FOR GARAGES WITH A MIN 2.5 GAS FOR DEPTHS OF AT LEAST 300mm c 300mm FOR PAVINGS. THE OPPOSE SERVICES OF GOLF CENTRE SHALL BE PLAY AND SAFE IN CONFORM OF METHOD STATEMENT AND RISK ASSESSMENT. ALL SERVICES SHALL BE LAID IN ACCORDANCE WITH THE NEW ROADS AND STREET WORKS ACT 1991 AND THE LATEST CODE OF PRACTICE. ALL SERVICES SHALL BE LAID IN ACCORDANCE WITH THE NEW ROADS AND STREET WORKS ACT 1991 AND THE LATEST CODE OF PRACTICE. ALL WORK WITHIN 1.5M OF ANY HIGHWAY TREE SHALL BE CARRIED OUT UNDER THE SUPERVISION OF A SUITABLY QUALIFIED TREE SURGEON.

ALL WORK within