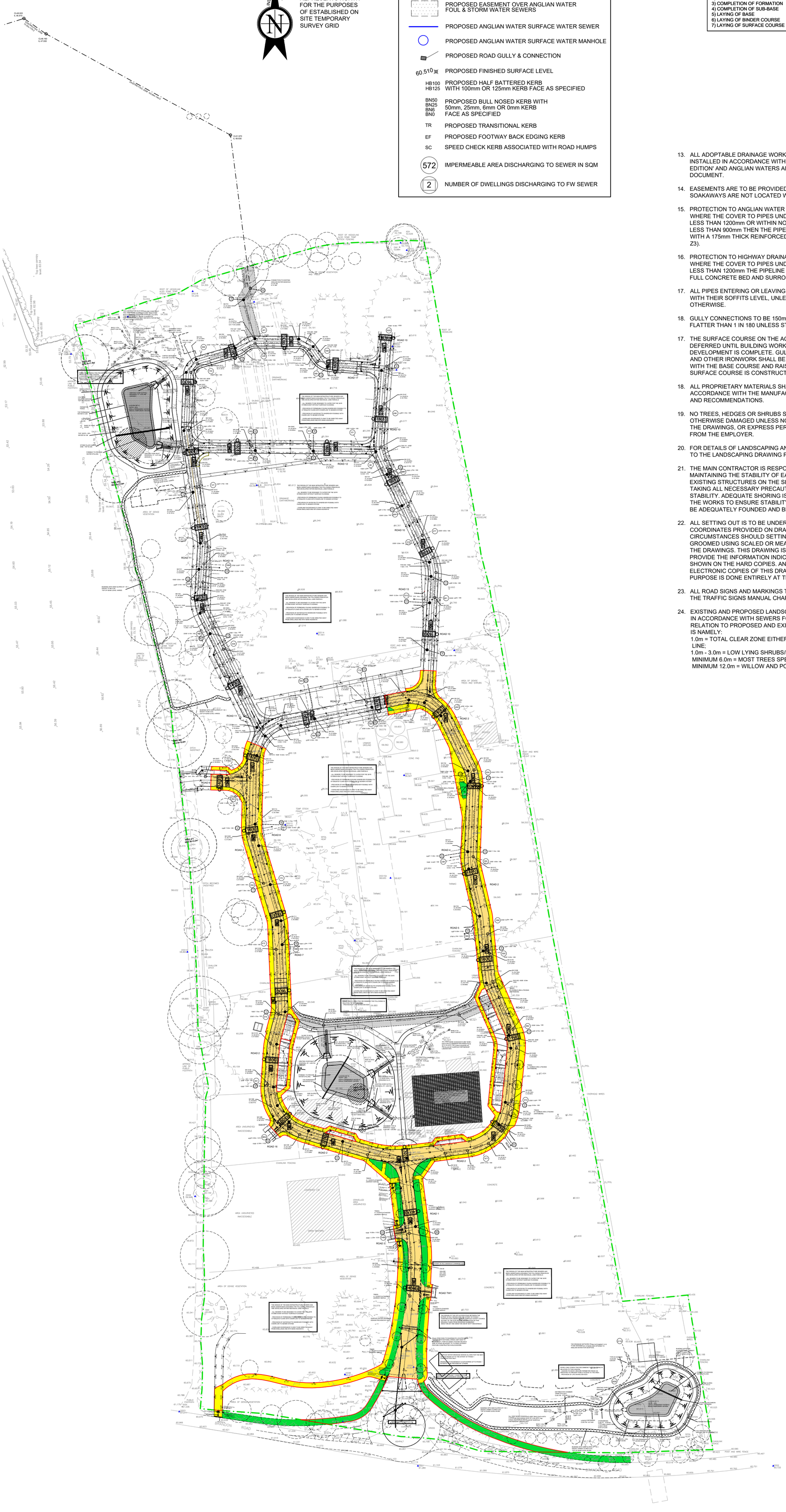

REPRESENTS NORTH FOR THE PURPOSES OF ESTABLISHED ON SITE TEMPORARY SURVEY GRID

LEGEND

- PROPOSED ANGLIAN WATER FOUL WATER SEWER
- PROPOSED ANGLIAN WATER FOUL WATER MANHOLE
- PROPOSED EASEMENT OVER ANGLIAN WATER FOUL & STORM WATER SEWERS
- PROPOSED ANGLIAN WATER SURFACE WATER SEWER
- PROPOSED ANGLIAN WATER SURFACE WATER MANHOLE
- PROPOSED ROAD GULLY & CONNECTION
- 60.510 PROPOSED FINISHED SURFACE LEVEL
- HB100 HB125 PROPOSED HALF BATTERED KERB WITH 100mm OR 125mm KERB FACE AS SPECIFIED
- BN50 BN25 BN6 BN0 PROPOSED BULL NOSED KERB WITH 50mm, 25mm, 6mm OR 0mm KERB FACE AS SPECIFIED
- TR PROPOSED TRANSITIONAL KERB
- EF PROPOSED FOOTWAY BACK EDGING KERB
- SC SPEED CHECK KERB ASSOCIATED WITH ROAD HUMPS
- 572 IMPERMEABLE AREA DISCHARGING TO SEWER IN SQM
- 2 NUMBER OF DWELLINGS DISCHARGING TO FW SEWER

INSPECTIONS REQUIRED BY THE HIGHWAYS INSPECTOR

THE CONTRACTOR SHALL GIVE AT LEAST 48 HOURS ADVANCE NOTICE TO NORFOLK COUNTY COUNCIL TO ALLOW THE INSPECTOR PROPER INSPECTION AND CHECKING OF THE WORKS AT THE FOLLOWING DESIGNATED STAGES:

1) START OF THE WORKS
2) BEFORE BACK FILLING ANY TRENCHES UNDER NEW HIGHWAY
3) COMPLETION OF FORMATION
4) COMPLETION OF SUB-BASE
5) LAYING OF BASE
6) LAYING OF BINDER COURSE
7) LAYING OF SURFACE COURSE

13. ALL ADOPTABLE DRAINAGE WORKS WILL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH 'SEWERS FOR ADOPTION 6TH EDITION' AND ANGLIAN WATERS ADDITIONS AND DELETIONS DOCUMENT.
14. EASEMENTS ARE TO BE PROVIDED WHERE SEWERS AND SOAKAWAYS ARE NOT LOCATED WITHIN HIGHWAY AREAS.
15. PROTECTION TO ANGLIAN WATER ADOPTABLE SEWERS: WHERE THE COVER TO PIPES UNDER THE CARRIAGEWAY IS LESS THAN 1200mm OR WITHIN NON TRAFFICKED AREAS IS LESS THAN 900mm THEN THE PIPELINE SHALL BE PROTECTED WITH A 175mm THICK REINFORCED CONCRETE SLAB (BED TYPE Z3).
16. PROTECTION TO HIGHWAY DRAINAGE: WHERE THE COVER TO PIPES UNDER THE CARRIAGEWAY IS LESS THAN 1200mm THE PIPELINE SHALL BE PROTECTED BY A FULL CONCRETE BED AND SURROUND (BED TYPE Z1).
17. ALL PIPES ENTERING OR LEAVING MANHOLES SHALL BE LAID WITH THEIR SOFFITS LEVEL, UNLESS SHOWN OR AGREED OTHERWISE.
18. GULLY CONNECTIONS TO BE 150mm DIA AT A GRADIENT NO FLATTER THAN 1 IN 180 UNLESS STATED OTHERWISE.
17. THE SURFACE COURSE ON THE ACCESS ROAD SHALL BE DEFERRED UNTIL BUILDING WORK FOR THE WHOLE DEVELOPMENT IS COMPLETE. GULLY FRAMES AND GRATES AND OTHER IRONWORK SHALL BE TEMPORARILY SET FLUSH WITH THE BASE COURSE AND RAISED AT THE TIME THE SURFACE COURSE IS CONSTRUCTED.
18. ALL PROPRIETARY MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
19. NO TREES, HEDGES OR SHRUBS SHALL BE TAKEN UP OR OTHERWISE DAMAGED UNLESS NOTED TO THE CONTRARY ON THE DRAWINGS, OR EXPRESS PERMISSION IS FIRST OBTAINED FROM THE EMPLOYER.
20. FOR DETAILS OF LANDSCAPING AND PLANTING PLEASE REFER TO THE LANDSCAPING DRAWING PREPARED BY OTHERS.
21. THE MAIN CONTRACTOR IS RESPONSIBLE FOR ACHIEVING AND MAINTAINING THE STABILITY OF EARTHWORKS AND ANY EXISTING STRUCTURES ON THE SITE AND ADJOINING SITES, TAKING ALL NECESSARY PRECAUTIONS TO SAFEGUARD THIS STABILITY. ADEQUATE SHORING IS TO BE INSERTED DURING THE WORKS TO ENSURE STABILITY AND SUCH SHORING IS TO BE ADEQUATELY FOUNDED AND BRACED.
22. ALL SETTING OUT IS TO BE UNDERTAKEN TO WRITTEN COORDINATES PROVIDED ON DRAWINGS. UNDER NO CIRCUMSTANCES SHOULD SETTING OUT INFORMATION BE GROOMED USING SCALED OR MEASURED DIMENSIONS FROM THE DRAWINGS. THIS DRAWING IS TO BE USED ONLY TO PROVIDE THE INFORMATION INDICATED IN THE TITLE AND AS SHOWN ON THE HARD COPIES. ANY MANIPULATION OF ELECTRONIC COPIES OF THIS DRAWING FOR WHATEVER PURPOSE IS DONE ENTIRELY AT THE USERS OWN RISK.
23. ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL CHAPTERS 3,4 AND 5.
24. EXISTING AND PROPOSED LANDSCAPING PROPOSALS MUST BE IN ACCORDANCE WITH SEWERS FOR ADOPTION 6TH EDITION IN RELATION TO PROPOSED AND EXISTING PUBLIC SEWERS. THIS IS NAMELY:
    1.0m = TOTAL CLEAR ZONE EITHER SIDE OF SEWER CENTRE LINE;
    1.0m - 3.0m = LOW LYING SHRUBS/BUSHES ONLY
    MINIMUM 6.0m = MOST TREES SPECIES
    MINIMUM 12.0m = WILLOW AND POPLAR TREES

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

NOTES: THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RISK REGISTER PRODUCED FOR INCLUSION IN THE HEALTH AND SAFETY PLAN. THE HAZARDS NOTED ARE IN ADDITION TO THE NORMAL HAZARDS AND RISKS FACED BY A COMPETENT CONTRACTOR WHEN DEALING WITH THE TYPE OF WORKS DETAILED ON THIS DRAWING.

CONSTRUCTION RISKS:

- DEEP EXCAVATIONS FOR SEWERS AND LAGOONS
- EXISTING BURIED AND OVERHEAD SERVICES
- PREVIOUS DEMOLITION/EXCAVATIONS LEADING TO UNSTABLE EXCAVATION AND SIDE SLOPES

MAINTENANCE/CLEANING RISKS:

- DEEP SEWERS AND WET LAGOONS NEED ACCESS BY MAINTENANCE PERSONNEL AND EQUIPMENT

DEMOLITION RISKS:

- DEEP SEWERS AND LAGOONS
- BURIED SERVICES

1. DO NOT SCALE, IF IN DOUBT ASK.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL ENGINEER'S DRAWINGS AND DETAILS, THE SPECIFICATION FOR THE WORKS, THE RELEVANT ARCHITECT'S DRAWINGS AND ANY OTHER SPECIALIST'S DRAWINGS.
3. THE PRINCIPAL CONTRACTOR IS TO PROVIDE FULLY DESIGNED PROPPING/SHORING TO FACILITATE THE WORKS. ALL PROPPING & BRACING IS TO BE ADEQUATELY FOUNDED TO ENSURE THE STABILITY/INTEGRITY OF THE EXISTING/PROPOSED STRUCTURES &/OR EARTHWORKS IS MAINTAINED.
4. THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH THE SCOPE OF ROSSI LONG CONSULTING'S APPOINTMENT WITH ITS CLIENT AND IS SUBJECT TO THE TERMS OF THAT APPOINTMENT. ROSSI LONG CONSULTING ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS CLIENT AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED.
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5. ANY DISCREPANCIES FOUND ON THIS OR ANY OTHER DRAWINGS ARE TO BE REPORTED AND RESOLVED BY SCOTTWILSON BEFORE THE COMMENCEMENT OF ANY WORK RELEVANT TO THE DISCREPANCY.
6. THIS DRAWING IS BASED UPON A TOPOGRAPHICAL SURVEY CARRIED OUT BY DWYER SITE SERVICES AS DEPICTED ON THEIR DRAWING 602/1/1 2A, 2B & 2C AND ACANTHUS LW ARCHITECTS PLANNING LAYOUT DRAWING 4241-PL103. LEVELS RELATE TO ORDNANCE DATUM.
7. THE CONTRACTOR IS TO VERIFY THE ACCURACY OF INFORMATION PROVIDED BY OTHERS.
8. EXISTING PUBLIC UTILITY SERVICES AND PRIVATE APPARATUS ARE NOT NECESSARILY ALL SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL LIAISE WITH THE APPROPRIATE UTILITY PROVIDER TO DETERMINE PRECISELY WHERE ON SITE EXISTING SERVICES ARE LOCATED. SERVICES SHALL BE LOCATED AND MARKED OUT ON SITE PRIOR TO ANY EXCAVATION WORK BEING COMMENCED.
9. ALL EXISTING SERVICES, SEWERS AND DRAINS INDICATED ON THIS AND ANY OTHER RELATED DRAWINGS ARE SHOWN ONLY INDICATIVELY, AND SHALL HAVE THEIR POSITION AND LEVEL CONFIRMED ON SITE BY THE CONTRACTOR.
10. IT IS THE INTENTION THAT THE PROPOSED ACCESS ROADS BE CONSTRUCTED FOR ADOPTION BY NORFOLK COUNTY COUNCIL UNDER A SECTION 38 AGREEMENT AND AS SUCH SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NORFOLK COUNTY COUNCIL'S SPECIFICATION FOR ESTATE ROADS (CURRENT EDITION AUGUST 2000). THE CONTRACTOR SHALL LIAISE WITH NORFOLK COUNTY COUNCIL'S HIGHWAYS INSPECTOR WITH REGARD TO MAKING INSPECTIONS AT THE APPROPRIATE STAGES OF THE WORKS.
11. SURFACE WATER FROM THE DEVELOPED SITE IS TO BE DRAINED VIA NEW WATER SURFACE WATER SEWERS WHICH ARE TO BE OFFERED FOR ADOPTION TO ANGLIAN WATER UNDER A S104 AGREEMENT. THE SEWERS DISCHARGE TO ONSITE STORAGE LAGOONS PRIOR TO TREATMENT BY VORTEX DEFENDERS AND STONE FILLED FILTERS BEFORE DISCHARGING TO DEEP BOREHOLE SOAKAWAYS. TREATMENT AND DISCHARGE SUBJECT TO ENVIRONMENT AGENCY APPROVAL.
12. FOUL WATER FROM THE DEVELOPMENT SHALL BE DRAINED VIA A NEW FOUL SEWER NETWORK WHICH IS TO BE OFFERED TO ANGLIAN WATER FOR ADOPTION UNDER A S104 AGREEMENT. DISCHRGE WILL BE INTO THE EXISTING FOUL WATER NETWORK. POINT OF CONNECTION TO BE ESTABLISHED.

KEY

- 16(6) Proposed 6m steel column with a post top mounted Urbis AXIA 16 LED lantern. (Cool White LED)
- 32(6) Proposed 6m steel column with a post top mounted Urbis AXIA 32 LED lantern. (Cool White LED)
- 40(6) Proposed 6m steel column with a post top mounted Urbis AXIA 40 LED lantern. (Cool White LED)

REFER TO DRAWINGS AC-N-324.1, 324.2 & 324.3 BY AMEY CONSULTING FOR FULL DETAILS OF PROPOSED STREET LIGHTING SCHEME.

REV	DESCRIPTION	DATE	BY	AUTH
C10	S38 EXTENT AMENDED.	19.01.21	GMA	ML
C9	NORTHERN FOOTWAY INCREASED TO 2.2m.	10.06.15	GMA	ML
C8	MINOR CLIENT TWEAKS TO LAYOUT.	05.05.15	GMA	ML
C7	GATEWAY FEATURE & CYCLEWAY SIGNS AND LINES ADDED.	16.07.13	GMA	ML
C6	LAGOON B & C HEAD WALLS UPDATED.	03.05.13	EG	GMA
C5	ROAD 16 JUNCTION AMENDED. ADDITIONAL TW DROPPED KERB ADDED	15.04.13	GMA	ML
C4	STREET LIGHTING ADDED	27.03.13	GMA	ML
C3	SW LATERALS REVIEWED	19.03.13	GMA	ML
C2	S38/S278 INTERFACE WORKS DETAILED	15.03.13	GMA	ML
C1	CONSTRUCTION ISSUE	20.02.13	GMA	ML
P9	BOREHOLES & LAGOON C DETAILS AMENDED	04.01.13	GMA	ML
P8	GRADIENTS TWEAKED TO MATCH SECTION	12.11.12	GMA	ML
P7	SW SEWER DESIGN UPDATED	12.10.12	GMA	ML
P6	S278/S38 TIE IN DETAILS ADDED. FW SEWER REDESIGN	12.09.12	GMA	ML
P5	S38 HIGHWAY COMMENT AMENDMENTS	12.07.12	GMA	ML
P4	LATERAL DETAILS ADDED. PENSTOCKS & CATCHPITS NOTED. BOREHOLE NOTE ADDED.	06.06.12	GMA	CVW
P3	LAGOONS AND BUNDING ADDED	18.05.12	GMA	CVW
P2	AMENDMENTS TO DRAINAGE FOR S104 SUBMISSION	11.05.12	EJK	GMA
P1	PRELIMINARY ISSUE.	30.04.12	EJK	GMA

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30 HIGH STREET, WESTERHAM, KENT

PROJECT
BRANDON ROAD
SWAFFHAM

TITLE
SECTION 38 AGREEMENT PLAN

SCALE AT A1				
1/1000				
DRAWN	STAGE 1 CHECK	STAGE 2 CHECK	AUTHORISED	DATE
EJK	GMA		CVW	30.04.12
PROJECT NO.		DRAWING NO.		REV
121213		CL106		C10

STAGE:-
CONSTRUCTION