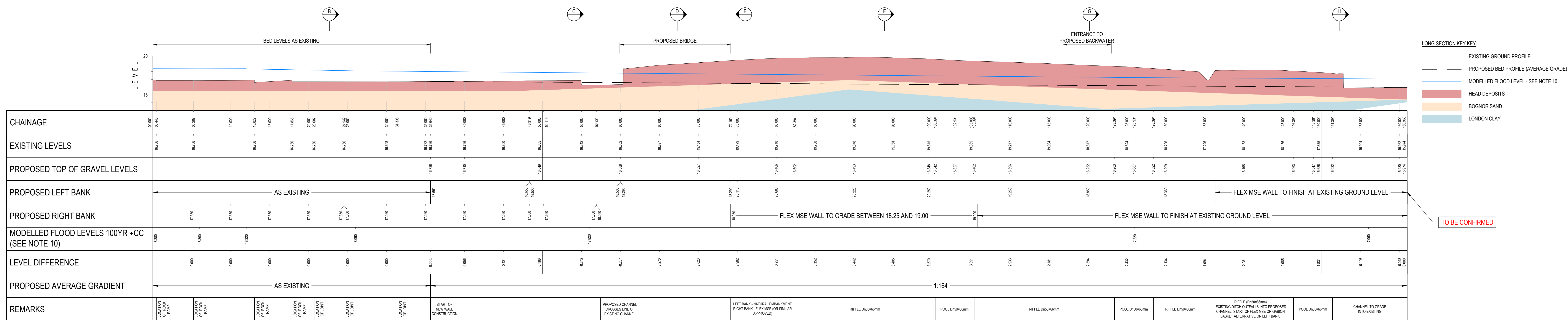


PLAN ON HERMITAGE STREAM WORKS
ROCK ROLLS, COIR FIBRE ROLLS AND IN-CHANNEL ECOLOGICAL IMPROVEMENTS OMITTED FOR CLARITY



PROPOSED CHANNEL
LONG SECTION A-A THROUGH CENTRELINE OF CHANNEL
1:200

SETTING OUT COORDINATES FOR PROPOSED CHANNEL CENTRELINE		
CHAINAGE (m)	EASTING	NORTHING
0	469674.408E	109707.850N
10	469683.632E	109727.900N
20	469692.689E	109748.128N
30	469700.772E	109762.890N
40	469707.353E	109755.445N
50	469711.649E	109746.403N
60	469717.707E	109739.100N
70	469727.753E	109738.182N
80	469737.702E	109737.197N
90	469746.063E	109732.087N
100	469749.899E	109722.249N
110	469749.897E	109713.010N
120	469747.270E	109703.366N
130	469745.748E	108693.491N
140	469745.644E	108693.500N
150	469744.260E	108693.693N
160	469743.787E	108693.336N
161.342	469744.263E	108692.682N

CONSTRUCTION	
HAZARD	MITIGATION
1. DE STABILISATION OF AN EMBANKMENT	MINIMUM 1.5m BUFFER TO BE PROVIDED BETWEEN BOTTOM OF EXISTING AS EMBANKMENT AND ANY NEW EXCAVATION. NO VEHICLE TRACKING ON THE AS EMBANKMENT.
2. DE STABILISATION OF FLEX MISE	MAXIMUM SURCHARGE (LOAD ABOVE FLEX MISE EMBANKMENTS NEVER TO EXCEED 50kN/m ² @ 5m VEHICLE TRACKING FROM EDGE OF EMBANKMENT TO BE MAINTAINED AT ALL TIMES.
3. DAMAGE TO EXISTING 1025mm FOUL SEWER	CONTRACTOR TO LOCATE EXISTING FOUL SEWER PRIOR TO EXCAVATION. IF ALIGNMENT OR DEPTH IS DIFFERENT TO THAT SHOWN ON DRAWINGS THEN CONTRACTOR MUST NOTIFY ENGINEER BEFORE PROCEEDING
MAINTENANCE / CLEANING / OPERATION	
1. WORKING AT HEIGHT	CONTRACTOR TO ENSURE SAFE METHOD OF WORKING FOR ALL MAINTENANCE TASKS. - CONTRACTOR'S SAFE METHOD OF WORKING TO CONSIDER (BUT NOT LIMITED TO): • SAFE ACCESS • WEATHER AND STREAM FLOW CONDITIONS; • COLLECTION OF VEGETATION DEBRIS.
2. MAINTENANCE OF CHANNEL AT BED LEVEL WITHIN WATERCOURSE	
3. CHANNEL BECOMING OVERCROWN, INCREASING FLOOD RISK DUE TO REDUCED CONVEYANCE	MAINTENANCE SCHEDULE TO BE ADHERED TO.
4. HIGH BANKS ABOVE WATERCOURSE	FENCING TO PROVIDE BARRIER TO WATERCOURSE WITH ACCESS POINTS PROVIDED FOR MAINTENANCE ACCESS.
5. DAMAGE TO GEOTEXTILE BEHIND FLEX MISE	CONTRACTOR TO ENSURE ANY FUTURE EXCAVATION DOES NOT DAMAGE GEOTEXTILE ANCHORS FOR FLEX MISE.
6. DAMAGE TO FLEX MISE	VEGETATION STRIPPING TO AVOID DAMAGE TO GEOTEXTILE BAGS.
DEMOLITION / DECOMMISSIONING	
1. EMBANKMENTS BECOMING UNSTABLE DUE TO OVER EXCAVATION OF T/OE (AS EMBANKMENT, FLEX MISE)	1.5m BUFFER TO BE MAINTAINED AS A MINIMUM FROM T/OE OF AS EMBANKMENT.
2. AS CONSTRUCTION HAZARD 3	
3. AS MAINTENANCE HAZARD 3	

KEY:

- | | | |
|---|---------|--|
|  | + 18.05 | PROPOSED GROUND LEVELS |
|  | — 060 | CHAINAGE MARK |
|  | | PROPOSED WATERCOURSE REALIGNMENT |
|  | | ABANDONED CHANNEL |
|  | | EXISTING WATERCOURSE TO REMAIN |
|  | | EXISTING 1,025FO FOUl WATER SEWER |
|  | | 7m SEWER EASEMENT (CONFIRMED) |
|  | | 7m SEWER EASEMENT (ASSUMED) |
|  | | RENO MATTRESS SCOUR PROTECTION (OR SIMILAR APPROVED) |
|  | | MACMAT-R SCOUR PROTECTION (OR SIMILAR APPROVED) |
|  | | PROPOSED ACCESS STOPS |
|  | | PEDESTRIAN ACCESS - MINIMUM 1.5m width (SELF-BINDING GRAVEL) |
|  | | DORMOUSE UNDERPASS (ATTACHED TO BRIDGE ABUTMENT) |
|  | | PROPOSED OUTFALL FROM ATTENUATION POND |
|  | | PROPOSED KEE KLAMP HANDRAIL |
|  | | PROPOSED POST AND RAIL FENCE |

NOTES

1. TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED PBA DRAWINGS, DRAWING NUMBERS 301420400/100-110.
2. ALL LEVELS ARE IN METRES AND RELATIVE TO ORDNANCE DATUM (NEWLYN).
3. TOPOGRAPHIC SURVEY TAKEN FROM ROYAL HAKSONG DRAWING P23C48-SK-03 DATED NOVEMBER 2014.
4. CHANNEL PROFILE, SIDE SLOPES AND RETAINING WALL LEVELS BASED ON TPO SURVEY INFORMATION RECEIVED 26/01/2015 DRAWING REF: FTITZSURCOMBINED07.
5. BRIDGE ALIGNMENT TAKEN FROM ROYAL HAKSONG DRAWING P23C48-P-05-D1 DATED FEBRUARY 2015.
6. LOCATION OF 1025mm SEWER CONFIRMED ON CON. CO-ORDINATES FOR CENTERLINE OF SEWER PROVIDED BY YOKLER FTITZPATRICK IN EMAIL DATED 14/ JANUARY 2015.
7. TREE SURVEY TAKEN FROM ATKINS DRAWING DRA/ATK/03-TPX-03-DR-01 DATED JANUARY 2014.
8. DRAINAGE FROM ATTENUATION POND TAKEN FROM ROYAL HAKSONG DRAWING P23C48-SU-002-D1 DATED 21/01/15.
9. PROPOSALS HAVE BEEN DESIGNED IN ACCORDANCE WITH ECOLOGISTS RECOMMENDATIONS.
10. IN 1 IN 100 YEAR - 30% ALLOWANCE FOR CLIMATE CHANGE MODELLED FLOOD LEVELS TAKEN FROM UPDATED ATKINS MODEL. HERITAGE: 100%+30%NC, NEWF: n+4M. FLOOD LEVELS QUOTED HAVE BEEN INTERPOLATED FROM THE MODEL AND ARE THEREFORE APPROXIMATE.

D	RIFFLE AND POOL DESIGN UPDATED	AEW	10.07.15	NKA
C	SCOUR PROTECTION AND ACCESS STEPS ADDED	smr	09.06.15	SAN
B	ALIGNMENT AMENDED AND REINFORCED EARTH OPTION SHOWN	AEW	07.06.15	NKA
A	CHANNEL ALIGNMENT UPDATED	AEW	23.04.15	NKA

SCALING NOTE: Do not scale from this drawing. If in doubt, ask.

UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of any existing sewers, services, plant or apparatus may affect his operations.

Drawing Issue Status

FOR APPROVAL

DUNS BURY HILL FARM, HAVANT

PROPOSED CHANNEL REALIGNMENT PLAN AND SITE CONSTRAINTS

Client	
PORTSMOUTH CITY COUNCIL	

Date of 1st Issue 17.02.2015		Drawn by smr	
A0 Scale 1:200		Checked by SAN	
Drawing Number 30142/4001/100		Revision D	