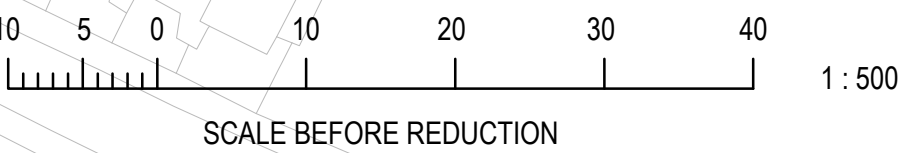
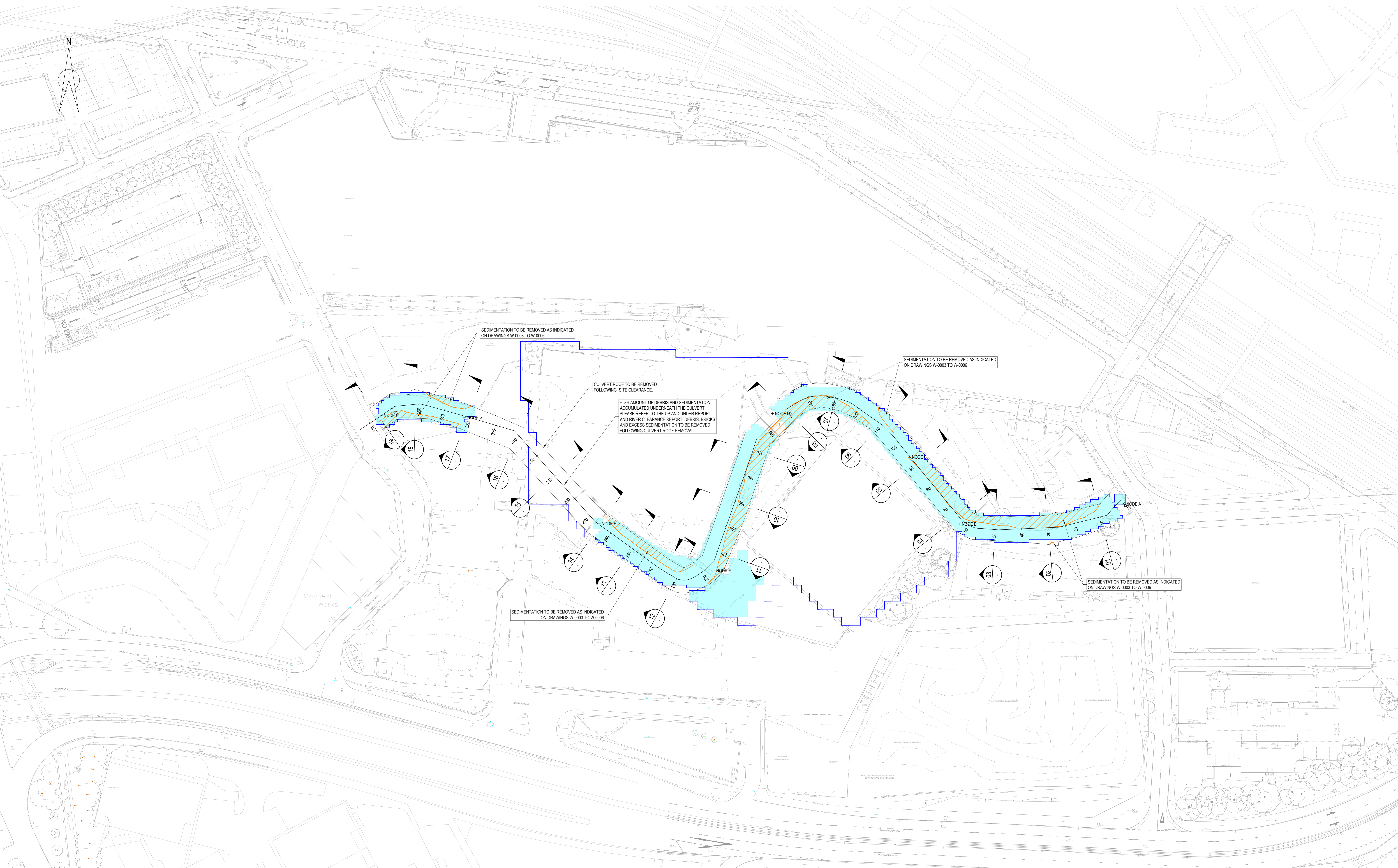


Existing estimated flood levels across site								
Flood event	Node A	Node B	Node C	Node D	Node E	Node F	Node G	Node H
Rivel level during surveys	NA	31.95	31.8	31.7	31.8	31.7	NA	31.35
1 in 5 year	34.41	34.15	33.99	33.66	33.56	33.31	33.24	32.99
1 in 25 year	34.9	34.64	34.49	34.2	34.11	33.89	33.75	33.46
1 in 100 year	35.2	34.93	34.85	34.63	34.57	34.35	33.89	33.76



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DO NOT SCALE THIS DRAWING.

HEALTH AND SAFETY INFORMATION

PLEASE REFER TO THE HAZARD/IDENTIFICATION ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION:

- BELOW GROUND OBSTRUCTIONS INCLUDING RIVER WALL FOUNDATIONS
- UNCERTAIN STABILITY OF EXISTING RIVER WALLS
- WORKING ADJACENT TO WATER AND POTENTIALLY AT HEIGHT
- SITE WIDE FLOOD RISK - FLOOD EXTENTS AND LEVELS SHOWN ARE WITH CULVERT AND RIVER WALLS IN PLACE. REFER TO THE MAYFIELD FLOOD RISK ASSESSMENT AND CONSULT WITH PRINCIPAL CONTRACTOR. OBSERVE WEATHER FORECAST AND THE ENVIRONMENT AGENCY FLOOD WARNINGS. A FLOOD RISK MANAGEMENT PLAN DURING CONSTRUCTION SHALL BE PUT IN PLACE PRIOR TO COMMENCEMENT OF WORKS.
- REMOVAL OF THE CULVERT OR RIVER WALLS SHALL NOT RESULT IN INCREASE IN FLOOD RISK TO DOWNSTREAM SITES. THE DEMOLITION METHOD STATEMENT IS TO BE DEVELOPED IN COLLABORATION WITH FLOOD RISK ENGINEERS TO TAKE INTO ACCOUNT FLOOD RISK. TEMPORARY MITIGATION MEASURES SHALL BE PUT IN PLACE AS NECESSARY.

MAINTENANCE/USE/OPERATION:

- A MAINTENANCE AND MANAGEMENT PLAN IS TO BE PUT IN PLACE PRIOR TO OCCUPATION. PERSONNEL TO BE MADE AWARE OF THE PLAN AND FLOOD RISK TRIGGER POINTS PRIOR TO OPERATION AND MAINTENANCE.
- WORKS IN THE PROXIMITY OF DYNAMIC RIVER. LEVELS CAN CHANGE RAPIDLY.
- CONSULT THE ENVIRONMENT AGENCY FLOOD WARNINGS AND OBSERVE WEATHER CONDITIONS PRIOR TO ANY MAINTENANCE OF AREAS AT HIGH FLOOD RISK (WITHIN THE 1 IN 25 YEAR FLOOD EVENT).
- DEBRIS DEPOSITION POTENTIALLY EXPECTED WITHIN FLOODED AREAS FOLLOWING A FLOOD EVENT, INCLUDING DILUTED SEWAGE WASTE.

DECOMMISSIONING/DEMOLITION:

REFER TO CONSTRUCTION ABOVE

Notes:

- WORKS WITHIN 8M FROM THE RIVER BANK, INCLUDING DEMOLITION MAY REQUIRE A FLOOD RISK ACTIVITY PERMIT FROM THE ENVIRONMENT AGENCY.
- SEDIMENTATION INFORMATION BASED ON RIVER CHANNEL SURVEY COMPLETED NOVEMBER 2020.
- DEBRIS AND JAPANESE KNOTWEED TO BE REMOVED THROUGHOUT RIVER CHANNEL. SEDIMENTATION WILL BE REMOVED FROM RIVER BANKS AS PER DRAWINGS NO. W-0003 TO W-0006. DEBRIS AND SEDIMENTATION REMOVAL UNDERNEATH THE CULVERT TO BE UNDERTAKEN FOLLOWING REMOVAL OF THE CULVERT ROOF.
- FLOOD EXTENT AND LEVEL INFORMATION BASED ON BURRO HAPPOLD FLOOD RISK MODELLING, COMPLETED SEPTEMBER 2019. EXTENTS AND LEVELS SHOWN ARE DURING EXISTING CONDITIONS (WITH CULVERT AND RIVER WALLS IN PLACE).
- FOR PROPOSED GENERAL ARRANGEMENT INFORMATION REFER TO DRAWING NO. W-0002.
- FOR CROSS SECTION DETAILS OF THE RIVER WORKS REFER TO DRAWINGS NO. W-0003, W-0004, W-0005 & W-0006.
- FOR PROPOSED EDGE DETAILS REFER TO DRAWING NO. W-0007.
- RIVER FLOW DIRECTION IS FROM EAST TO WEST. REFERENCE TO RIGHT BANK OR LEFT BANK IS FACING DOWNSTREAM. CROSS SECTIONS FACING DOWNSTREAM.
- THE MAIN SEDIMENT AND DEBRIS ACCUMULATION AREAS FOR CLEARANCE ARE INDICATED, BUT OTHER GENERAL CHANNEL BED CLEARANCE OF DEBRIS (NON-NATURALLY OCCURRING RIVERINE MATERIAL) SHOULD BE ANTICIPATED AND ALLOWED FOR.

LEGEND:

- 1:25 YEAR FLOOD EXTENT
- 1:100 YEAR FLOOD EXTENT
- SEDIMENT AND DEBRIS ACCUMULATION EXTENT
- MODELING NODES

B STAGE 3 FINAL 18.12.20 NG RG
A STAGE 3 PRELIMINARY INFORMATION 12.10.20 NG RG
Rev Description Date Dm Chg

STAGE 3

Status of drawing

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Project: **MAYFIELD DEVELOPMENT PARTNERSHIP**
Orig Title: **EXISTING SITE CONDITIONS
GENERAL ARRANGEMENT
PLAN**

Scales: A1: 1:100
Drawn by: NG
Checked by: NG
Job No.: **0046688**
Date: **01 OCT 2020**
Rev: **B**
Drawing No.: **0046688-BHE-XX-XX-DR-W-0001**