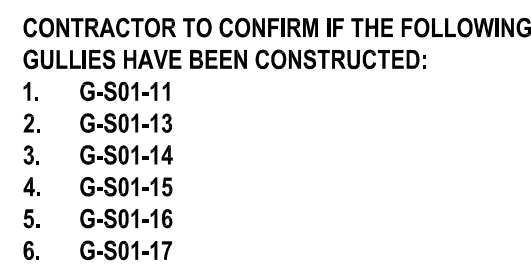
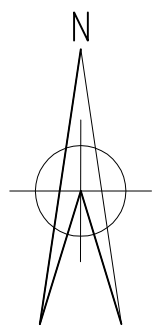


PROTECT

- NOTES:
1. THE INFORMATION SHOWN AS EXISTING ON THE DRAWINGS IS TO BE VERIFIED AS TO BUREAU/HAPUD BY SIR ROBERT MALPINE. THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING SERVICES AND FINAL DRAINAGE SURVEY SHALL BE PROVIDED TO THE CLIENT AND NOTIFY BUREAU/HAPUD OF ANY DISCREPANCIES.
  2. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACTS AND ENGINEERS' DRAWINGS AND SPECIFICATIONS.
  3. FOR TRACK DRAINAGE REFER TO SITE DRAWINGS.
  4. FOR STADIUM DRAINAGE REFER TO 04/01/2001/0001 FOR CONSTRUCTION SPECIFICATION.
  5. FOR RAINWALL, GULLY AND CHANNEL, SCHEDULES REFER TO 04/01/2001/0001 FOR CONSTRUCTION SPECIFICATION.
  6. FOR STADIUM DRAINAGE REFER TO L04-19/20 FOR ORDER DETAILS 060-360141 TO 3603
  7. ALL STADIUM DRAINAGE CONNECTIONS AND MANHOLES TO HAVE DOUBLE SEALS, MECHANICALLY FIXED NON VENTILATING COVERS.
  8. FINISH OF ALL DRAINAGE LOCATIONS TO BE CONFIRMED ON SITE IN CONJUNCTION WITH THE CONTRACTOR'S PROPOSALS.
  9. ALL DRAINAGE CONNECTION POSITIONS ARE SHOWN INDICATIVELY ONLY. SETTING OUT OF CONNECTIONS TO INTERTECH PUBLIC HEALTH DRAWINGS.
  10. THE EXISTING GROUND ON WHICH THE STADIUM IS LOCATED IS TO BE VERIFIED AS TO BUREAU/HAPUD. HAS BEEN CAPPED WITH AN INERT LAYER OF FILL BELOW THE GROUND BEARING STRUCTURES AND FINISHES. THE DEPTH OF THE EXISTING STADIUM FILL TO BE VERIFIED AS TO BUREAU/HAPUD. THE CAPPING LAYER IS UNDERSTOOD TO BE APPROXIMATELY 1000mm beneath the FIELD OF PLAY. INCREASING TO 1500mm TO 2000mm TO THE STADIUM TIER. IN GENERAL, MINIMIZE CONTACT WITH THE ORIGINAL GROUND AND ALL NECESSARY MEASURES SHOULD BE TAKEN TO AVOID CONTACT WITH THE ORIGINAL GROUND. THE CAPPING MEMBRANE WILL NEED TO BE REINFORCED TO FULL WORKING ORDER once works are COMPLETED.
  11. PROTECT ALL EXISTING UTILITY SERVICES FROM CONTAMINATION IN ORDER TO AVOID COMPLICATIONS OF THE TRACK CAPPING LAYER MATERIAL.
  12. PROTECT ALL EXISTING UTILITY SERVICES FROM DAMAGE IN COMMERCIAL TRAFFICING AREAS OR 200mm IN ALL OTHER AREAS SHALL BE INSTALLED WITH TYPE 2 SURFACE DRAINAGE.
  13. ALL STADIUM ROUR DRAINAGE CONNECTIONS TO BE 200mm DIAMETER AT 160 UNLESS STATED OTHERWISE.
  14. ALL TRACK DRAINAGE CONNECTIONS TO BE 160mm DIAMETER AT 160 UNLESS STATED OTHERWISE.
  15. ALL CHANNEL DRAIN AND GULLY CONNECTIONS TO BE 300mm DIAMETER AT 140 UNLESS STATED OTHERWISE.

- A. FINAL DESIGN RECORD DRAWINGS SHOW CONSTRUCTION INFORMATION UPDATED TO REFLECT ONSITE CHANGES MADE DURING CONSTRUCTION PROGRAMME AS RECORDED BY BALFOUR BEATTY AND COMMUNICATED TO BUIRO HAPPOLD.
- B. WHERE NO CHANGES HAVE BEEN NOTED ON THE DRAWING, IT IS ASSUMED THAT THE CONSTRUCTED WORKS DO NOT DEVIATE FROM DESIGN DRAWINGS.



ALL PROPOSED LOOP ROAD GULLIES TO CONTINUE TO DRAIN INTO THE EXISTING HIGHWAY DRAINAGE SYSTEM UNLESS STATED OTHERWISE

RODDING ACCESS UNIT

110Ø OUTLET PIPE FROM 'ROADRAIN'  
TO CONNECT INTO Ø110 INLET WITHIN  
'KERBDRAIN' ACCESS UNIT

TO BE ABANDONED

Diagram showing a sanitary sewer system layout with manholes and a sump unit. Callouts include coordinates and pipe details:

- Top Left Manhole: X=27595889.1516, Y=13826701.7326
- Top Right Manhole: X=27614857.4261, Y=13822109.6675
- Bottom Manhole: X=27606991.9174, Y=13824013.5749, CL=5.326m
- Bottom Right Note: OUTGOING PIPE LT= 4.949m, \*FOUL AIR TRAP (No 922) ATTACHED TO SUMP UNIT

**COORDINATED ON SITE WITH TRUCK SPECIALISTS**

202	FINAL DESIGN RECORD DRAWINGS	20.07.15	JE	SR
203	FINAL DESIGN RECORD DRAWINGS	20.07.15	JE	SR
C11	CONSTRUCTION	15/01/2015	IE	SR
C10	STAFF RECORD CONSTRUCTION	22/12/2014	IE	SR
COORDINATED TO INCLUDE ON-SITE CHANGES TO PEPPERKOR ROUTING				
		15/02/2014	IE	SR
COPR PIPE SIZES CHANGED TO MAINTAIN FREE HYDRANT ROUTE				
PIPES DOWNSIZED DUE TO INSUFFICIENT COVER				
		03.05.14	IE	SR
C17	GA UPDATED TO INCLUDE ON-SITE CHANGES TO PEPPERKOR ROUTING	13/08/2014	IE	SR
COPR PIPE SIZES UPDATED TO MATCH EXISTING				
		02/07/2014	IE	SR
C05	COORDINATED TO HED BACKGROUND AND SETTING OUT ADDED	27/05/2014	IE	JB
C04	CONSTRUCTION	02/05/2014	IE	JB
C03	CONSTRUCTION	15/04/2014	IE	TM
C02	CONSTRUCTION	14/04/2014	IE	TM
C01	CONSTRUCTION	02/04/2014	IE	TM
P1	PLANNING	24/05/2014	TH	JB
Rev Description Date Dm Om				

# FINAL DESIGN RECORD

Status of drawing

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Web: www.burohappold

Architect *Populous*

Project **Olympic Stadium Transformation**  
 Dwg Title **BELOW GROUND DRAINAGE  
 SURFACE WATER  
 LOWER GROUND SHEET 5**

Scales 3/40 1:250

1200	032
Drawing No.	
LC419-STA-STA-CD-DGA-902-3005	

Z02

Buro Happold  
Consulting Engineers

Architect *Populous*

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