copyright © HALL Infrastructure DESIGN Ltd.

NOTES:

ALL SEWER PIPEWORK FOR ADOPTION SHALL BE LAID TO BE TO THE SATISFACTION OF THE WATER UNDERTAKER AND TO COMPLY WITH THE REQUIREMENTS OF SECTION 104 OF THE WATER INDUSTRY ACT 1991 AND THE LATEST EDITION OF SEWERAGE SECTION 4 (DESIGN & CONSTRUCTION GUIDANCE (SS4) TO A WORKS TECH. 104 SEWERS AND CONSTRUCTION GUIDANCE (SS4) TO A SEWER TECH.

PIPES DRAWN CONNECTING TO SE 150mm dia. GAIN 90 PLASTER TRAP, OR WHERE SHOWN, 6 PLATE SIR GUN 100mm dia. GAIN 90 PLASTER TRAP, C.I.A. WHERE SHOWN. (A PLATE SIR MARC ENGLISH OPERATING SYSTEM).

ALL SEWERS AND LATERAL DRAINS WITHIN DOMESTIC CURTILAGE OF DWARTERS 100mm ABS 150mm TO BE PVC-U TO BS EN 1401-1:1998 & BS 5481:1986.

ALL PIPEWORK TO BE LAID SAFETY TO SAFETY (INCLUD. EXCAVATION).

ALL PIPES: 100mm Ø & 150mm Ø TO BE PROVIDED WITH CLASS C BEDDING (150mm - 5mm GRAVEL SIZE AND 10MM MINUS).

ALL PIPES: 150mm Ø & 150mm Ø WITH OVER 2.5M DEEP TO BE PROVIDED WITH CRADLED PIPES SECTIONS.

PRECAST CONCRETE PRODUCTS (AND BLOCK CONCRETE TO CONFORM A MINIMUM CLASS 1.5 ALL.

ALL CONCRETE TO BE TO BE IN ACCORDANCE WITH BS 1125:1976 AND THE BS 1252 THEM QUARE TWO WHERE REINFORCED BS 4999:1985 PLAIN CONCRETE/MORTAR.

CAST CONCRETE SHALL BE FINISHED TO PROVIDE A "FAIR" SURFACE WHERE EXPOSED AND SHALL HAVE A "SMOOTH" FINISH IN ALL OTHER SITUATIONS.

STEEL WORK SHALL BE IN ACCORDANCE WITH B.S.4461.

ALL MANHOLE COVERS TO BE 600x600 CLEAR OPENING IN ACCORDANCE WITH B.S. 497:1 Pt 1:1965 AND 600 DIMENSION PR

Drainage Notes

Plot 1 BENEFITS CHARACTERS PLOT NUMBER
BL 1.0mb BENEFITS COLLECTS LEAD OF DWELLINGS FLOOR LEVEL, NORMALLY 450mm ABOVE EXISTING GROUND LEVEL, max 1.000m ABOVE EXISTING GROUND LEVEL
CL 0.5 BENEFITS COLLECTS LEAD OF DWELLINGS FLOOR LEVEL, NORMALLY 450mm ABOVE EXISTING GROUND LEVEL, max 1.000m ABOVE EXISTING GROUND LEVEL

- 225mm Ø max 0.150% (1in 150) - PLASTIC FOUL WATER SEWER (FOUL)
- 225mm Ø max 0.150% (1in 150) - PLASTIC SURFACE WATER SEWER (STORM)
- 225mm Ø max 0.150% (1in 150) - PLASTIC FOUL WATER PUMPING MAIN (FOUL)
- 150mm Ø max 0.150% (1.50mm Ø max 1.150) FOUL WATER DRAIN (PRIVATE).
- 150mm Ø, 150mm Ø, 150mm Ø SURFACE WATER LINE DRAIN (PRIVATE).

- FLAT ADAPTOR
- NOSE BACK - TAUTE - TAPERED ADAPTOR
- POLYPROPYLENE ACCESS CHAMBER TYPE 1 (PRIVATE) - FOUL
- POLYPROPYLENE MINI ACCESS CHAMBER TYPE 4 (PRIVATE) - FOUL
- POLYPROPYLENE ACCESS CHAMBER TYPE 1 (PRIVATE) - SURFACE WATER
- 1200mm Ø PRECAST CONCRETE MANHOLE (PRIVATE) - FOUL
- 1200mm Ø PRECAST CONCRETE MANHOLE (PRIVATE) - SURFACE WATER
- RECTANGULAR UNITS - LARGE GENERAL PURPOSE PRE-FORMED SEALWALL UNIT (SW SEWLAB)

POLYPROPYLENE ACCESS CHAMBERS (TYPE 1) TO BE DESIGN TO TO 3 ton AXLE
ALL CHAMBERS TO BE CONSTRUCTED WITH A MINIMUM OF 150mm CONCRETE SURROUND BASE (1.5 PART).
ALL CHAMBERS WITHIN GARDEN AREAS, PAVEMENTS AND PRIVATE PLOTS TO BE FITTED WITH RISER UNITS (TO CLEANOUT TO COVER).
ALL CHAMBERS WITHIN VEHICULAR HYDRODEN AREAS TO BE FITTED WITH RISER UNITS (TO 12t CLEAR) D 600 COVERS AND PROPERLY WITH 150mm DEEP C20 CONCRETE COLLAR.
WHERE CHAMBERS ARE WITHIN 1.5m OF ANY BUILDING AND THE INVERT LEVEL OF THE CHAMBER IS MORE THAN 600mm DEEP SPANDE BUILDING FOUNDATIONS, ALL EXCEPT FOR ANY ADOPTED SEWERS, ARE TO BE CONSTRUCTED IN 150mm MINIMUM CHAMBERED BENCHT (CBX).
DOMESTIC DRAINAGE TO BE PVC-U TO BS EN 1401-1:1998 & BS 4660:2000.
100mm Ø DOMESTIC DRAINAGE (see 5104) TO BE LAID WITH A PLASTER TRAP (1.0m dead) 1.0m Gradient GRADIENT UNLESS OTHERWISE STATED.
150mm Ø DOMESTIC DRAINAGE (see 5104) TO BE LAID WITH A PLASTER TRAP (1.0m GRADIENT UNLESS OTHERWISE STATED.

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY. CHECK ON SITE AND ALL DISCREPANCIES TO BE REPORTED TO HALL infrastructure DESIGN Ltd.

AMENDMENTS:

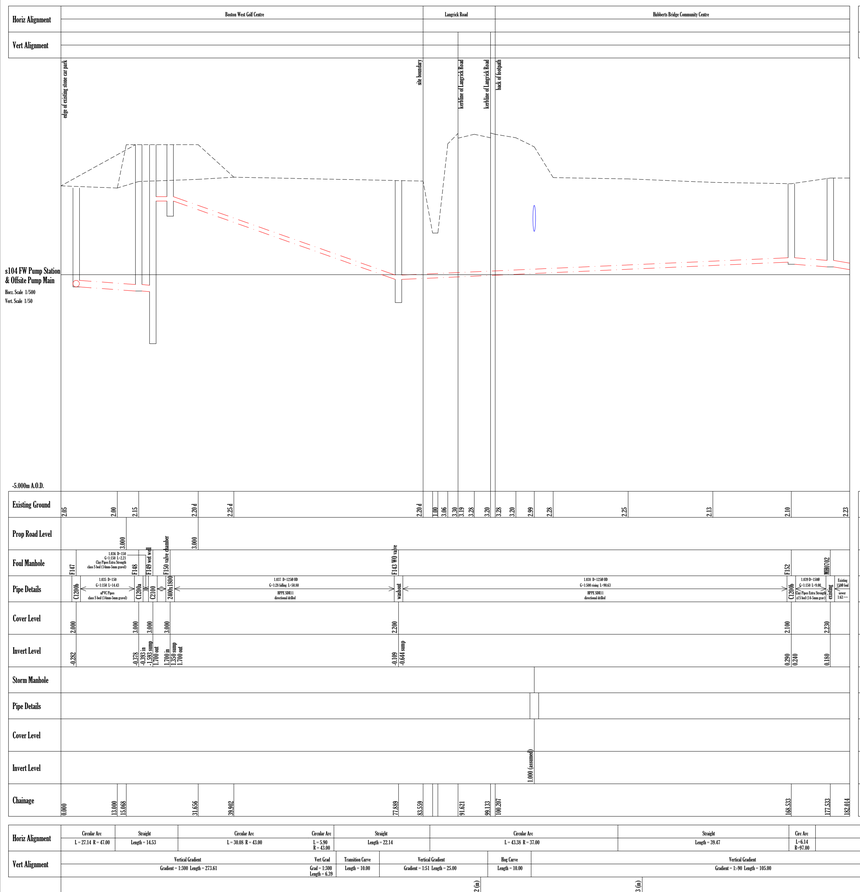
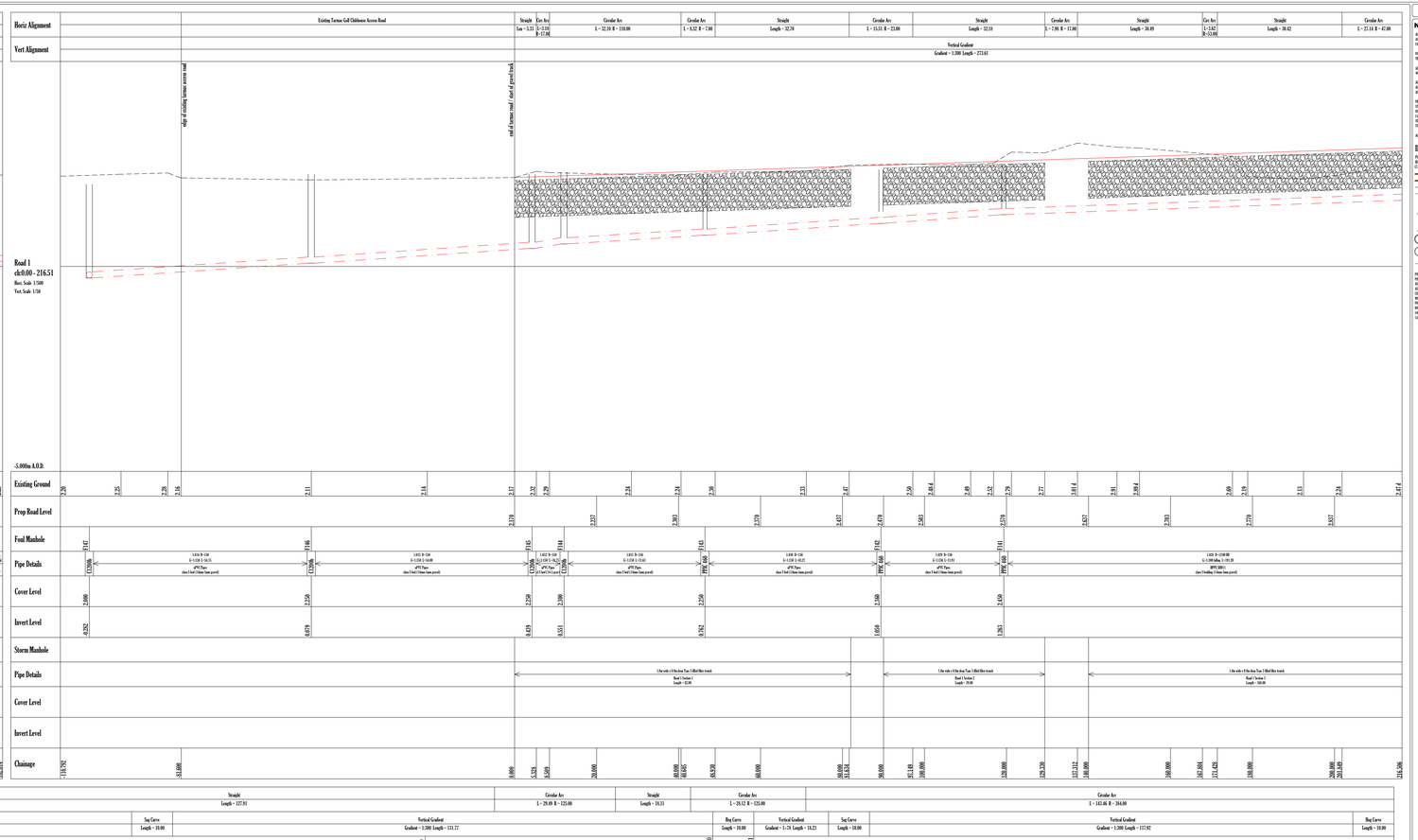
REF:	DESCRIPTION.	DATE.	BY.
A	Provisional surface water drainage added.	14.12.20	GSS
B	Updated with the submission to Bromo Borough Council for planning condition discharge.	19.01.21	GSS
C	Schedule P&TG moved to client requirements.	30.03.21	GSS

CLIENT: Boston West Holiday Park Ltd

PROJECT: Boston West Golf Centre

TITLE: Road and Sewer Long Sections sheet 1 of 6

SCALE:	DATE:	SIZE:
1:250	November 2020	A0

DRAWING No:	DRAWN BY:	CHECKED BY:
2011/104/	GSS	GSS

HALL INFRASTRUCTURE DESIGN LTD.
Silverdale, 116 Humberston Avenue,
Humberston, N E Lincs, DN36 4SU
Tel: 01472 814137 Mob: 07891 503179
email: hall.design@btinternet.com
web: sites.google.com/site/hallinfrastructuredesign