N

ridge=36.94
eav=34.61
top wl=31.95
top wl=34.29
el. post
oh=37.87
oh - el
MH02
mh - W
cl=29.67
TRI02
29.754
rubble/hardcore
sv - g
pipe
utt
gu=29.59
MH04
mh - UTL
cl=30.03
manole in centre of road, would need
TM in place in order to measure this run
TRI03
29.923
oh - BT
oh=36.54
oh - el
oh=37.03
DP02
mh - BT
cl=30.12
rubble/hardcore
rubble/hardcore
MH01
mh - W
cl=29.80
bollard
DP01
mh - EL
cl=29.97
gu=29.89
bollard
bollard
bollard
TRI01
30.125
oh - BT
oh=37.11
el. post

SURVEY STATIONS			
Name	Easting	Northing	Height
TRI01	434347.621	562295.781	30.125
TRI02	434333.427	562341.896	29.754
TRI03	434369.121	562327.746	29.923

Annotations and Symbols

?	unknown cover	conc.	concrete
ac box	air conditioning box	conc. boll	concrete bollard
av	air valve	conc. wall	concrete wall
bb	bellsha beacon	edg.out grass	edge out grass
bsn	bin	el.sub st	elec. substation
bt	bt line	face conc	face of concrete
bt	bt manhole	face clad	face of cladding
bt	bt post	face timb	face of timber
bt box	bt box	trel - trellis	trellis
bm	OSBM	hi pr. gas	high pressure gas
block	blocked manhole	no ri. turn	no right turn
bus shelter	bus shelter	rough ground	rough ground
cable	cable	ret. wall	retaining wall
can't lift	can't lift	sur. drain	surface drain
cb box	cable tv box	ped. studs	pedestrian studs
ctv	cable tv manhole	ch=5.32	manhole cover level
data mh	data manhole	dpc=56.45	dpc level
dk	drop kerb	eav=34.29	eaves level
ds&g	down spout (with gulley)	ffl=5.34	finished floor level
dsr	recessed downspout	gu=34.29	gulley level
ds	building step back	gutter=34.29	gutter level
	not surveyed	hip=34.29	hip level
el. post	electric post	inv=5.34	invert level
el.	electric	oh=5.34	overhead level
el. mh	electric manhole	ramp=5.34	ramp level
el box	electric box	ridr=34.29	ridge level
earth	earth strap/spike	sill l=5.34	sill level
f.hydr	fire hydrant	sill=5.34	sill level
gas	gas	sill l=5.34	sill level
gas mh	gas man hole	slab=5.34	slab level
gas box	gas box	top conc=5.34	top of concrete
gu=5.68	gulley top	tp=60.67ca.15	top of pipe
guy	guy rope/stay	t.st.=10.36	top of step
5.6ø	pipe diameter	twl=56.72	top of wall
light	light	wal=56.19	water level
lp	lamp post	cf=5.67	cellar floor level
lt	left turn arrow	.05level step	level step
peg	peg	gu &ds=34.29	gulley with downspout
phone box	phone box		level
post box	post box	win top=13.59	window top
pipe	pipe	win bot=14.41	window bottom
polestar	polestar	b/w	barbed wire
post	post	cl	chain link
rod. eye	rodding eye	cs	close boarded
rig	steel rig	cl.	corrugated iron
rt	right turn		concrete panel
salt	salt box	conc/pan	crash barrier
security cam	security camera	cr/ba	hand rail
seat	seat	hr	iron rail
si	sign - with indicative text	pal	palisade
slab=3.19	slab (generally conc.)	panel	panel
st.tap	stop tap	p/b	public barrier
str.	straight on	pick	picket
sv.	sluice valve	p/r	post & rail
tactile paving	tactile paving	p/w	post & wire
tl	traffic signal	sec	security fence
ts. mh	traffic signal manhole	wood	wooden fence
ts.box	traffic signal box		
trap	trap	deciduous tree	
utility	utility (unknown)		
utility mh	utility manhole (unknown)		
utility box	utility box (unknown)		
water	water	conifer tree	
water mh	water manhole		
water box	water box	gate	
wo	wash out valve		
tap	tap	station	
parking meter	parking meter		
cycle rack	cycle rack	spot level	
cycle shelter	cycle shelter		

Line Features

- bottom of batter / wood / ridge / timber face / gutter
- top of batter
- break line / discontinuity
- wall (see text nearby for height / width / type)
- retaining wall (see text nearby for height / width / type)
- channel (all levels at channel unless noted)
- kerb levels (shown parallel to channel -)
- railway
- drain / river / canal
- overhead lines / buildings (not surveyed unless specified)
- concrete / ramp
- building — stone
- face of cladding / flower bed
- canopy
- verge
- fence (see text nearby for height / width / type) — (panel / security / etc.)
- columns / gridlines / conveyors / column face
- brick
- cycle lane / bus lane / white line (see text)
- tanks / decking
- hedge scaled to width
- line may be as above, if just one edge
  i.e. for level specific surveys both sides measured not to show level change
  (see text for type / height / width / etc)
- path / window / door
- track
- contours — 50.00 / 50.50

Sheet Layout

1. The survey has been accurately positioned on the Ordnance Survey National Grid system using GPS observations to the OS Active Network and the latest Ordnance Survey transformation (OSTN15/OSGM15)

2. All levels relate to Ordnance Survey Datum (Newlyn). Vertical control has been established using GPS observations to the OS Active Network and the latest Ordnance Survey transformation (OSTN15/OSGM15).

3. Local Scale Factor has been removed to transform the survey to a flat earth grid (scale factor 1.00000).
Local Grid Origin is Control Station TRI01
This is the only point where OS Grid coordinates are true.

Surveyed by		Initials - JS, JB		
D				
C				
B				
A	16/09/24	Original Issue	JB	TH
Rev	Rev. Date	Purpose of revision	Drawn	Checked

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Client: Blue Kite Projects

Project: Boldon Colliery

Drawing title: Topographical Survey

Scale	1:200 @ A3	DO NOT SCALE
Tri-Tech Job No.	T24673	
Client Job No.		
Drawing number	T24673-DR-001	Rev A

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.