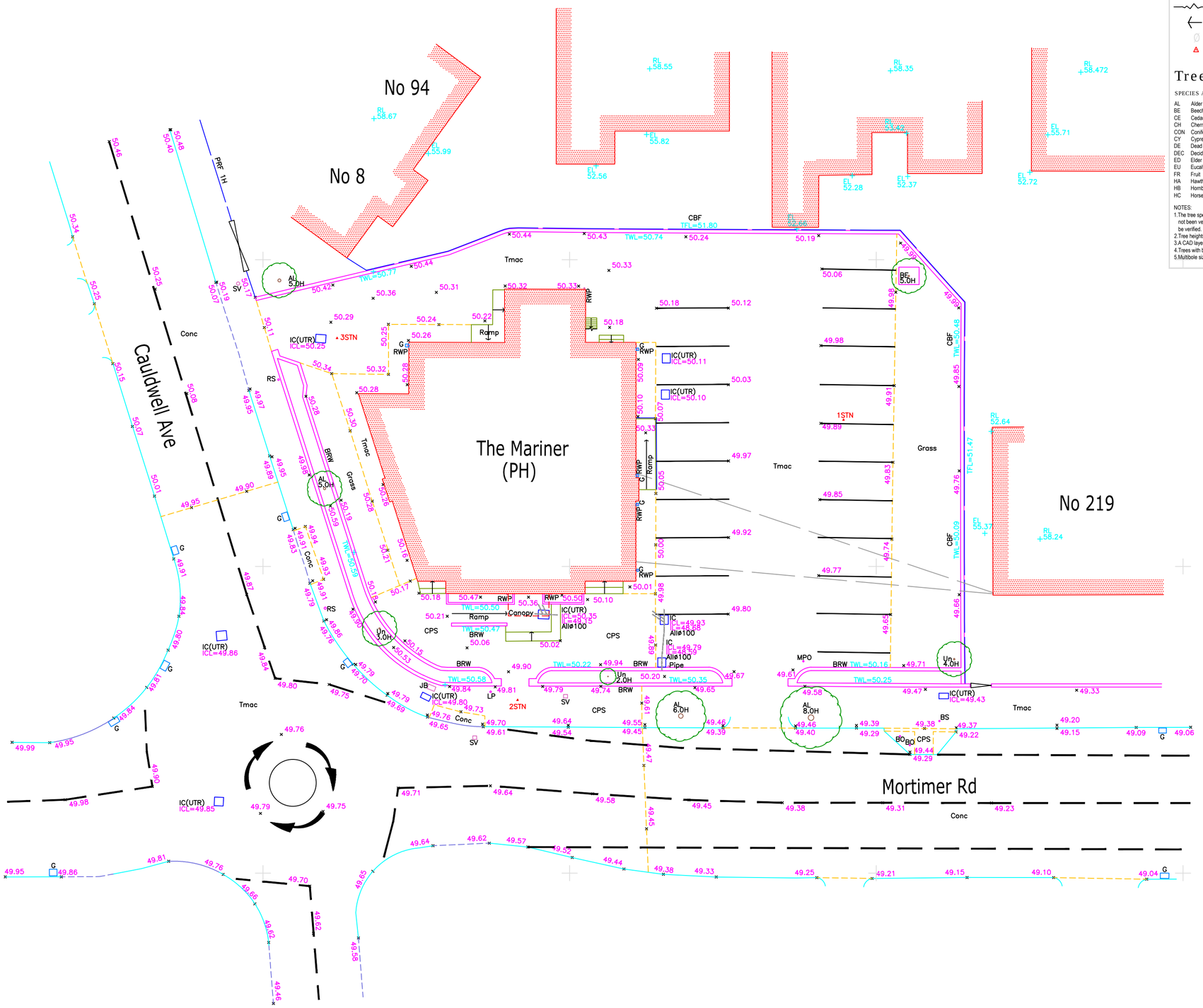


Symbology

- Single Gate
- Double Gate
- Banking
- Step Up
- Diameter shown in mm
- Survey Station

Linetypes

- Telecom Overhead
- Power Overhead
- Foul Water
- Surface Water
- Combined Water
- Unknown Services
- Change of Surface
- Drop Kerb
- Fence
- Wall
- Kerb
- Building Face
- Overhead Feature
- Trench Scar
- Tree Canopy
- Bushes/Foliage/Overgrowth
- Tree Canopy Extents

Trees

SPECIES ABBREVIATION

AL	Alder	HL	Hemlock	RH	Rhododendron
BE	Beech	HO	Holly	RO	Rowan
CE	Cedar	HZ	Hazel	SAP	Sapling
CH	Cherry	LA	Larch	SB	Silver Birch
CON	Coniferous	LB	Laburnum	SCN	Sweet Chestnut
CY	Cypress	LM	Lime	SHR	Shrub
DE	Dead	LO	Locust	ST	Stump
DEC	Deciduous	LU	Laurel	SY	Sycamore
ED	Elder	MA	Maple	WB	Whitebeam
EU	Eucalyptus	MG	Magnolia	WG	Wellingtonia
FR	Fruit	NS	Norway Spruce	WI	Willow
HA	Hawthorn	PI	Pine	WN	Walnut
HB	Hornbeam	PO	Poplar		
HC	Horse Chestnut	PL	Plane		

NOTES:
1. The tree species have been identified to the best of the surveyors knowledge. They have not been verified by an arborist and are not guaranteed. If they are important they should be verified.
2. Tree heights are estimated.
3. A CAD layer exists with the full tree canopies intact which is turned off.
4. Trees with bole diameters below the specified minimum size may not have been surveyed.
5. Multibole sizes are indicative.

Notes

1. **The survey grid is on an arbitrary rotation and origin. It is not based on Ordnance Survey.**
2. **Surveyed boundary features are not necessarily legal boundaries.**
3. **Dimensions should not be scaled. All dimensions should be checked on site before any fabrication / construction.**
4. **Copyright of all data produced by Technics Group shall remain with Technics Group unless otherwise specifically agreed.**
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7. **If the AutoCAD drawing is being read by any system other than AutoCAD it should be checked against a hard copy. Technics Group cannot accept liability for omissions.**
8. **All utilities have been identified to the best of the surveyors knowledge. The correct identification of the utility types can not be 100% guaranteed, therefore these should be independently verified prior to use in any design and building works. All pipe diameters and levels are assumed to be correct, however due to non entry to inspection chambers, these should be verified before any works commence. All drainage connections shown are sounded only. They have not been water tested. Services may be obscured by parked cars, leaf litter or building materials etc.**
9. **External eave levels are surveyed to lowest tile position.**
10. **Contours, if applicable, are not shown over hard standing, gravel, banking or flower borders.**
11. **Preliminary data is generally unchecked therefore it is not guaranteed.**

Level Datum

ALL LEVELS ARE BASED ON TBM, LOCATED ON 1STN OF VALUE=50.00m

Topo Key

STREET FURNITURE		LEVELS & DEPTHS		INSPECTION CHAMBERS	
BB	Belisha Beacon	A	Approximate	AC	Access Cover
BL	Basement Light	BD	Back Drop Depth	BH	Borehole
Bin	Litter Bin	BDL	Back Drop Level	CDC	Concrete Drainage Channel
BO	Bollard	CD	Chamber Depth	EIC	Electric Inspection Cover
BS	Bus Stop	DHL	Door Head Level	ER	Earth Rod
CPO	Concrete Post	DSL	Door Sill Level	FH	Fire Hydrant
EC	Electric Cupboard	DPC	Damp Proof Course	FWIC	Foul Water Inspection Cover
EP	Electric Pole	EL	Eaves Level	GIC	Gas Inspection Cover
FB	Flower Bed	FFL	Finished Floor Level	GM	Gas Meter
FHM	Fire Hydrant Marker	FRL	Flat Roof Level	GV	Gas Valve
FL	Flood Light	GL	Cover Level	G	Gully
FP	Flag Pole	ID	Invert Depth	IC	Inspection Cover
FPO	Fence Post	IL	Invert Level	KI	Kerb Inlet
JB	Junction Box	OD	Outlet Depth	LHP	London Hydraulic Power
GB	Grit Box	OL	Outlet Level	MDC	Metal Drainage Channel
GMK	Gas Marker Post	PWL	Parapet Wall Level	MW	Monitoring Well
GPO	Gate Post	RL	Ridge Level	NFI	No Further Information
IBO	Illuminating Bollard	SD	Sump Depth	RE	Rodding Eye
LH	Lamp Hole	SFD	Soffit Depth	SDIC	Service Duct Inspection Cover
LP	Lamp Post	SFL	Soffit Level	SV	Stop Valve
LPO	Lockable Post	SWL	Sill Level	SWCP	Storm Water Catch Pit
MK	Marker	SL	Sump Level	SWIC	Storm Water Inspection Cover
MPO	Metal Post	SSL	Structural Slab Level	TCIC	Traffic Control Inspection Cover
NP	Name Plate	TFL	Top of Fence Level	TIC	Telecom Inspection Cover
PB	Post Box	THL	Threshold Level	UIC	Unidentified Inspectorial Cover
PM	Parking Meter	TTL	Top of Tree Level	UTR	Unable to Raise
RPO	Reflector Post	TWL	Top of Wall Level	WIC	Water Inspection Cover
RS	Road Sign	USL	Underside Level	WM	Water Meter
SI	Sign	WL	Water Level	WWO	Water Wash Out
STN	Survey Station	WHL	Window Head Level	WSV	Water Stop Valve
Tap	Water Tap	WSL	Window Sill Level		
TCB	Telephone Call Box				
TL	Traffic Light	FENCES & WALLS		SURFACES	
TLCB	Traffic Light Control Box	BW	Block Wall	BPav	Brick Paving
TP	Telegraph Post	BRP	Brick Pier	Conc	Concrete
TPO	Timber Post	BRTW	Brick Retaining Wall	CPav	Crazy Paving
		BRW	Brick Wall	CPS	Concrete Paving Slabs
PIPES & CABLES		BWF	Barbed Wire Fence	FB	Flower/Shrub Border
DBC	Directly Buried Cable	CBF	Close Board Fence	KFC	Kidney Flint Cobbles
DP	Down Pipe	CIF	Corrugated Iron Fence	SPS	Stone Paving Slabs
FWP	Foul Water Pipe	CLF	Chain Link Fence	T	Tiles
GP	Gas Pipe	CPF	Chestnut Paling Fence	Tmac	Tarmac
RWP	Rain Water Pipe	CRW	Concrete Retaining Wall	TPav	Tactile Paving
SP	Stand Pipe	CW	Concrete Wall	TS	Trench Scar
SVP	Soil Vent Pipe	CWF	Chicken Wire Fence		
UTT	Unable to Trace	DI	Dilapidated	MEASUREMENTS	
VP	Vent Pipe	HR	Handrail	d	Depth(m)
WP	Waste Pipe	IWF	Interwoven Fence	Ø	Diameter (mm)
		LF	Lattice Fence	Ext. Ø	External Diameter (mm)
		MF	Miscellaneous Fence	H	Object Height (m)
		MRF	Metal Railing Fence		
		OBF	Open Board Fence		
		PCF	Post & Chain Fence		
		PNF	Panel Fence		
		PRF	Post & Rail Fence		
		PWF	Post & Wire Fence		
		RTW	Retaining Wall		
		STW	Stone Wall		
		SRTW	Stone Retaining Wall		
		WMF	Wire Mesh Fence		

SURVEY STATIONS

Name	Easting	Northing	Height
1STN	517.867	1029.567	50.000
2STN	496.609	1011.298	49.884
3STN	484.837	1034.896	50.413

CLIENT

The Co-Operative Estates

SITE

The Mariner Pub
Mortimer Road, South Shields
NE34 0RU

DRAWING TITLE

Topographical Surveys

PROJECT NUMBER	DRAWING NUMBER	DATE
SP16124	SD16124-01	Feb 2016
SURVEYED BY	DRAWN BY	CHECKED BY
AB	AB	AB
SCALE	SHEET SIZE	SHEET
1:200	A2	1 OF 1

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