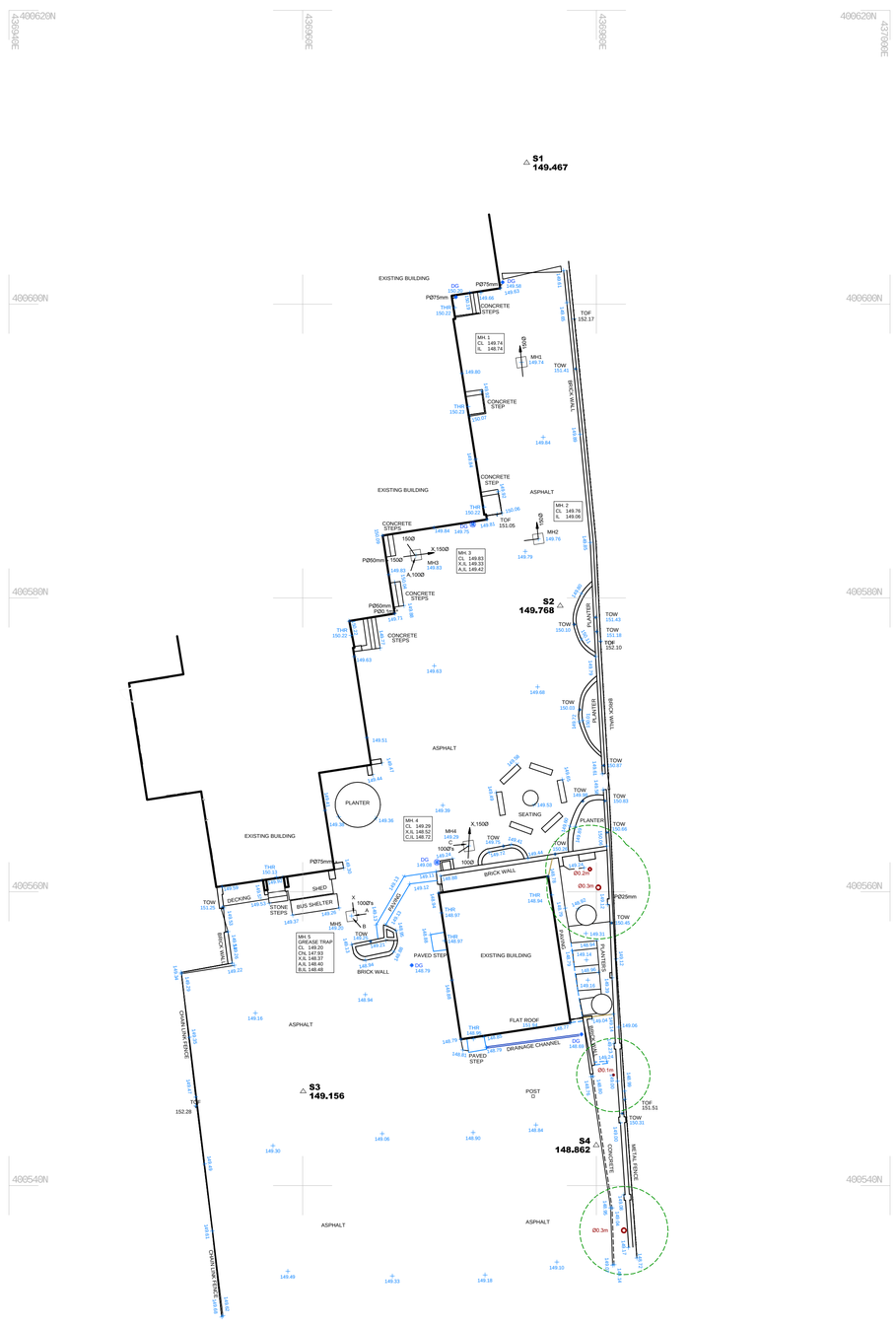


Direction of North

N O R T H

GRID

OS NATIONAL GRID.
Using the OS GPS Network and applying OSTN02 transformation and then removing the scale factor for true distances.

DATUM

OS LEVEL DATUM.
Using the OS GPS Network and applying OSGM02 National Geoid Model to obtain local area corrections.

STATION LISTING

Station	Easting	Northing	Level
S1	436975.258	400609.622	149.467
S2	436977.535	400579.463	149.768
S3	436960.039	400546.408	149.156
S4	436979.989	400542.745	148.862

TOPOGRAPHICAL SURVEY KEY

DRAINAGE & WATER SERVICES

DG	Drain/Gully
KO	Kerb Outlet
MH	Circular Manhole
MH	Square Manhole
MH	Triangular Manhole
RE	Rodding Eye
FH	Fire Hydrant
ST	Stop Tap
SV	Stop Valve
TAP	Tap
WO	Wash Out
WM	Water Meter
WV	Water Valve
AV	Air Valve

STREET FURNITURE & GEOTEC

MAIL	Post Box
BUS	Bus Stop
BOL	Bollard
SIGN	Sign
TL	Traffic Light
CCTV	Camera
LP	Lamp Post
LIGHT	Light
COL	Column
	Vent
BM	Bench Mark
M	Marker Post
	Trial Pit
BH	Borehole

SERVICES

G	Gas Valve
IC	Inspection Cover
C	Cable TV Cover
C	Cable TV Supply
E	Electric Cover
EP	Electricity Pole
ER	Earth Rod
T	Telecoms Cover
TP	Telegraph Pole

ABBREVIATIONS

COMH	Combined Sewer Manhole
FWMH	Foul Water Manhole
SWMH	Surface Water Manhole
CL	Cover Level
IL	Invert Level
PØ1m	Pipe Diameter
THR	Threshold Level
TOF	Top Of Fence
TOH	Top Of Hedge
TOW	Top Of Wall
UIS	Underside
UTR	Unable To Raise

Ref	Date	Revision	Initial

Project / Client:

PROPOSED EXTENSION TO FORM NEW
DINING HALL AND KITCHEN
ST HELENS CATHOLIC PRIMARY SCHOOL
HOYLAND

Drawing Title:

TOPOGRAPHICAL SURVEY PLAN

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Scale:	Date:
1:200	MAY 2014
Drawn By:	**Checked By:**
MTS	AH

Drawing No:	Sheet Size:
12/105/02	A1

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