PIER CORNER
E= 873.198
N=131.618

440

215 mm wall

L3

50mm Conc Edge To Back Of Footpath

pavement

Plan At Return To Legion Car Park

Face Brickwork
Ibstock Western Red Multi
Flintwork
Trad – Lite Dorset Flint & Stone Blocks Ltd

665 (P1) | 665 (P2) | 665 (P3) | 553

Maintain Expansion Joint From Below Grd To Capping

Top Of Wall To Be Constant Level

Brick Capping Tile Creasing

Typical Brickforce Reinforcement 450mm c/c Brickwork Only

Typical Slip Ties 225 mm c/c

Bollard

Gates

Gate Control Panel

Approx 1725 to centre

Leave Void 225 x 300 68le Panel

Control Panel Position 2no 50mm ducts

225

300

Return Of Gate Pier

Maintain Expansion Joint From Below Grd To Capping

Brick Capping Tile Creasing

525

2400 min

50mm ducts for gate contols

2 No 50 mm Ducts

1000

800

400

750

services ensure locations are established on site prior to construction of wall

Note Suitable Dpc Brick Allow for three courses Min 150 mm above pavement

Elevation At Legion Car Park From Brockhampton Lane

Typical Elevation

General Specification.
Boundary Wall ,Block & Brick Outer Skin (Pavement Side)
Goods Yard Face Brickwork Only

Wall Ties
Wall ties to have horizontal spacing of 900mm & vertical spacing of 450mm, which is the equivalent to 2.5 ties per square metre
Wall ties should also be spaced no more than 300mm apart vertically, within a distance of of 225 mm from the vertical edges of all movement joints

Movement / Expansion Joints
To be flexcell or similar

Gates
Gate Details & Foundations To Details By Jackson Gates Barbican Double Sliding Gate

Brickforce Reinforcement
Brickforce For Structural Integrity
Note Brickforce Reinforcement To Be Product SBF50W60 (BRC Products Stafford)

Postioned at 450 mmc/c in Brickwork Wall only ie the inner skin to Yard side of wall.
Brickforce not to prevent slip tie movement (Brickforce to abutt slip tie at ties positions)

553

215

45

Top Of Steel

Plate Fixing To Steel To Secure Gate Frame

Brick Capping Tile Creasing

Frame To Gate

Note All Steels to be pointed with black bitumen point

Note Ensure External Face Of Piers Aligns With Back Edge Of Pavement

Wall Construction oa Width 281 mm
Inner skin 103 mm Face Brickjork
75 MM Cavity
Outer Skin Flint Block & Face Brickjork

Note Ensure Foundation At Back Edge Of Pavement Line

2400

New Pavement See WSP Road Dwgs

approx yard 6.8

Existing grd 6.56

Lintol Over

services ensure locations are established on site prior to construction of wall

Existing Pavement

Gate Foundation

1000

400

800

600

Pocket for steel in Foundation

A 393 Mesh

12MM Dia Bar see plan

excavated ground

Depth To Suite Site Conditions

1750

Foundation Below Wall

Section At Pier

Note All Steels to be pointed with black bitumen point

Fill With Conc

Expansion Joint

Slip Ties & Expansion Joint 225 mm c/c

Enlarged Detail to Show Expansion Inter Pier Scale 1:10

Note Exposed Steel ONLY on Gate Piers

Vertical DPM As a slip joint

Slip Ties & Expansion Joint 225 mm c/c

Maintain Expansion Joint From Below Grd To Capping

P2 P6

Gate Control Panel On Piers P3 & P7 ONLY

P3 P7

Enlarged Detail to Show Expansion Main Gate Piers Scale 1:10

2 No 50 mm Ducts

Note All Steels to be pointed with black bitumen point

Fill With Conc

Ties To Steel

Slip Ties & Expansion Joint

Note

Enlarged Detail to Show Expansion Main Piers Scale 1:10

281

553

665

Typical Plan Of Pier At Splay Corner

Boundary

5850

Legion Car Park.

Note Steel Support To Wall Panel At Mid Span

Retail Yard

Pad Foundations For Sliding Gates Where Fitted To Manufacturers Requirements

12MM Dia Bar see plan

Note A393 mesh to top & bottom

90°

700

Mid Span Steel Support For Wall

Slip Ties & Expansion Joint For Steel

Slip Ties & Expansion Joint For Steel @ 225 mmc/c

Conc Foundation Depth 600 mm

225

440

Note Brickforce Reinforcement Not To Be Tied To Steel Column Product SBF50W60 (BRC Products Stafford)

Wall Construction
Inner skin 103 mm Face Brickjork
75 MM Cavity
Outer Skin Flint Block & Face Brickjork

Pocket in Foundation For Steel

Conc Foundation Depth 600 mm

50mm Ducts For Gates

Posts For Gates

230 AC 50 Hz 1 Phase 13 amp Supply

Bollard

750

333

1750

553

Single Brick Wall

665

215

281

600

50mm Conc Edge To Back Of Footpath

Steel Support To Wall Panel At Mid Span

Note Brickforce Reinforcement To Joints of Inner Leaf Only Product SBF50W60 (BRC Products Stafford)

P1

E= 858.131
N=1223.341

P2

665

E= 851.096
N=1219.522

10500 Clear Gate Opening

2000

pavement

For Gate Foundation Information See Dwg 145 130 04 E9

Plan

BROCKHAMPTON LANE

Typical Panel But Example Shown Is Eastern Panel Adjacent Legion Boundary

REV	DESCRIPTION	DATE
C.	Minor Revisions	13/09/06
B.	Pier details updated / Gate controls Added	30/08/06
A.	Pier Details & Expansion Joints Updated	10/08/06

REVISION

job no.	drawing no.	rev.
145 130	04 E1	C.

scale	drawn by	date
1:25 & 1:10	RE	31/08/06

CAD File: v:\

Unit C.
RETAIL UNIT
Solent Road, Havant

Detail Of External Boundary Wall To Rear Yard.

Approved By | Date

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