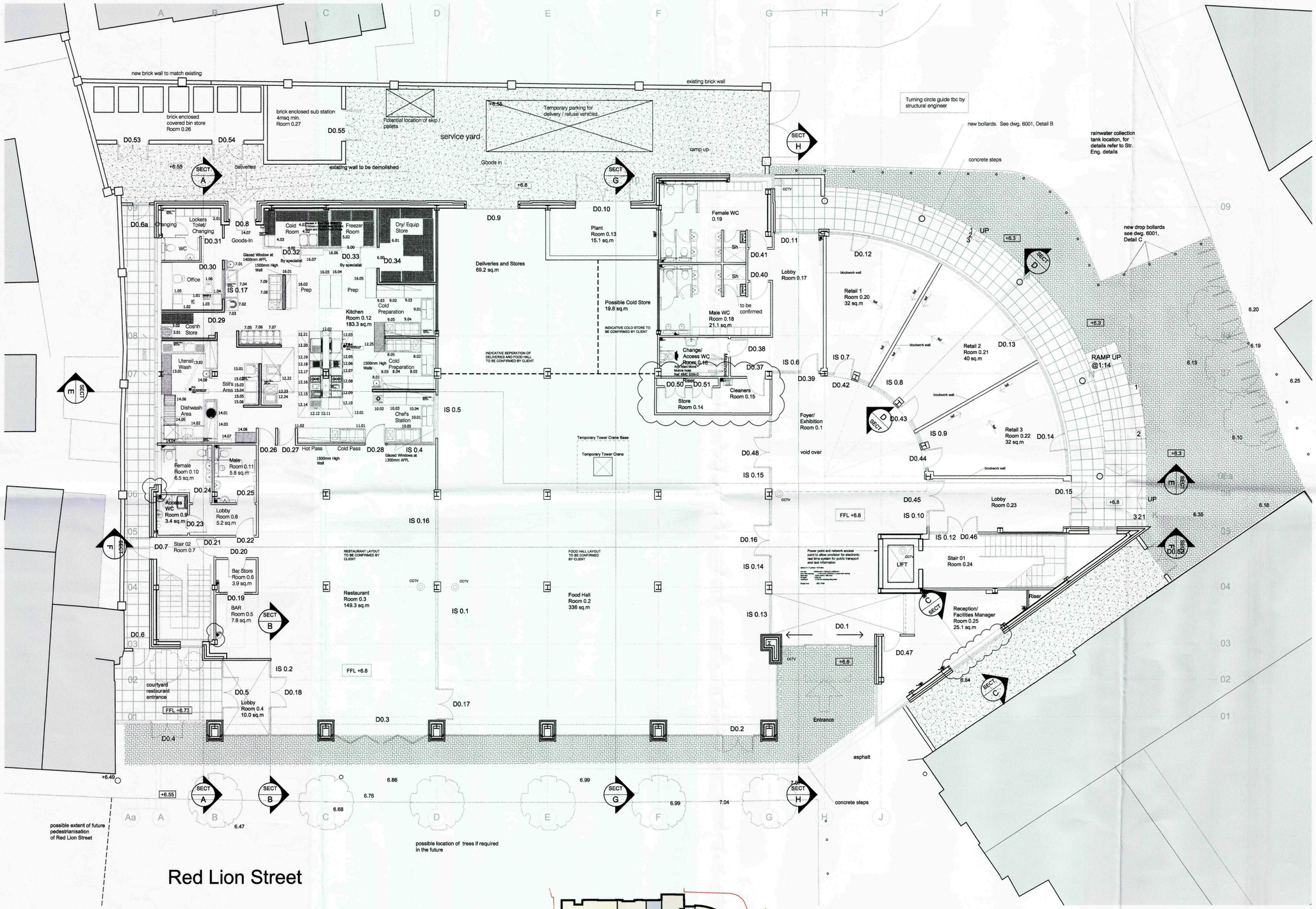


CATERING EQUIPMENT SCHEDULE

1.00	OFFICE OFFICE / GOODS IN
1.01	Two Desk
1.02	One Telephone
1.03	One Desk Chair
1.04	One Filing Cabinet
1.05	One Safe
1.06	Two Chair
2.00	STAFF TOILETS (BY OTHERS)
2.01	Five Double Lockers
3.00	COSHH/CLEANERS STORES
3.01	One Janitor Sink
3.02	One 5-Tier Storage Rack
4.00	COLD ROOM
4.01	One 3-Section Cold Room
4.02	Two Trolleys
4.03	Four 5-Tier Racks
4.04	One Lockable Cage Rack
5.00	FREEZER ROOM
5.01	One Walk-In Freezer Room
5.02	Four 5-Tier Racks
6.00	DRY/EQUIP STORE
6.01	Six 5-Tier Racks
7.00	PASTRY PREP AREA
7.01	One Wash hand Basin
7.02	One Mixer
7.03	One Mobile Stand For Mixer
7.04	One Single Bowl Sink Unit
7.05	One S/S Bench Granite Top
7.06	One 3-Tier Wall Shelf
7.07	Six Fleur Bins
7.08	One Counter Prover/Retarder
7.09	One Induction Hob
8.00	COLD PREP AREA
8.01	One Wash hand Basin
8.02	One Single Bowl Sink Unit
8.03	Two S/S Mobile Benches
8.04	One S/S Shelf
8.05	One Three Door Refrigerated Counter
9.00	COLD PREP AREA 'B'
9.01	One S/S Single Bowl Sink Unit
9.02	Two 2-Tier S/S Wall Shelves
9.03	Two S/S Mobile Benches
9.04	One Three Door Refrigerated Counter
10.00	CHEF STATION
10.00	CHEF STATION AREA
10.01	One S/S Single Bowl Sink Unit
10.02	One Induction Hob
10.03	One S/S Mobile Bench
10.04	One S/S Mobile Bench
10.05	One Three Door Refrigerated Counter
11.00	SERVERY PASS
11.01	One Three Door Refrigerated Counter With 2-Tier Ambient Pass Shelf Over
11.02	One S/S Hot Cupboard with 2-Tier Ambient Shelf Over
12.00	COOKING AREA
12.01	One Ventilation Canopy (By Others)
12.02	One S/S Services Spine (By Others)
12.03	One S/S Worktop
12.04	One Bratt Pan Gas Heated
12.05	One S/S Worktop
12.06	One Double Pan Fryer Electric
12.07	One S/S Worktop
12.08	One Mixed Top Range
12.09	One Griddle/Hotplate
12.10	One 2-3 Size Combination Oven
12.11	One S/S Services Spine (By Others)
12.12	One Electric Salamander Grill
12.13	Spare Number
12.14	One S/S Worktop
12.15	One Pasta Cooker Electric
12.16	One Mixed Top Range
12.17	One S/S Worktop
12.18	One Gas Char Grill
12.19	One S/S Worktop
12.20	One Double Sided Half Plain Half Ribbed Top
12.21	One S/S Worktop
12.22	One Double Stacked 6 GN/2 Combination Oven
12.23	One Blast Chiller
12.24	One Ventilation Canopy (By Others)
12.25	Oone 5-Tier Rack
13.00	UTENSIL WASH AREA
13.01	Two 5-Tier Racks
13.02	One S/S Double Bowl Sink Unit
13.03	One S/S Wash Hand Basin
14.00	DISHWASH AREA
14.01	One Undercounter Glass Washer
14.02	One S/S Dump Table
14.04	One S/S Condensate Canopy (By Others)
14.05	One Pass Through Dishwasher
14.06	One Cleans Outlet Roller Table
14.07	Two Insect Electrocutors
14.08	One 5-Tier Rack
15.00	STILLS AREA
15.01	One S/S Top with Inset Sink Bowl
15.02	One Undercounter Refrigerator
15.03	One Under Counter Freezer
15.04	One Water Boiler
15.05	One Pour-n-serve Coffee Mixer
16.00	DEMONSTRATION AREA
16.01	One S/S Shelf
16.02	One S/S Work Bench
16.03	One S/S Work Bench
16.04	One S/S Work Bench
16.05	One S/S Work Bench
16.06	One Monitor Screen
16.07	One Monitor Screen
17.00	BAR STORE AREA
17.01	One Wine Refrigerator
17.02	One Wine Rack
17.03	One Beer Chiller
17.04	One Ice Machine
18.00	BAR AREA
18.01	One 'L' Shaped Back Bar Counter
18.02	One Refrigerated Back Counter
18.03	One Coffee Machine
18.04	One Coffee Grinder
18.05	One Bain Counter
18.07	One Beer Tap
18.08	Two Sink Bowls
18.09	One Undcr Counter Glass Washer
18.10	One Monitor Screen

Shdc Planning & Development
30 NOV 2009
Ref: 09/0935/09

Rev	Date	Revision Description	By:
E05	23/11/09	Brickwork return added to G1, A/06 as indicated , columns to curved wall altered to UCs, screens adjusted to suit. Door D0.36 omitted, Store 0.14 enlarged / combined with cleaner's room. Screen IS 0.15 width reduced by 300mm to suit. Window to room 0.25 reduced to suit windows above. Washbasin added to Bar Room. External wall buildup revised to METSEC metal stud, wall thickness, steel positions & updated accordingly.	CJB/ lkting
E04	30/10/09	Gridlines adjusted, grid K added, steel positions adjusted to suit, SIPS panels, correct wall constructions added, void adjusted to suit sections , entrance matting added to main entrance	lkt
E03	05/10/09	CCTV positions added, gully and falls added to Retail 1, 2 & 3, baby change added to Room 0.8, Plant Room 0.13 walls adjusted, equipment added to Room 0.16, entrance canopy positions dotted on, Contractor's Proposal.	lkt
E02	18/09/09	Screen IS 0.11 removed from plans D0.6a added. Lobby room 0.4 external wall moved. Food hall main entrance D0.2 moved off center of glazing. South-east externals revised. Red Iion street elevation updated as latest planning submission. Plant room 0.13 layout revised. Service yard gate revised to two leaf swing. Column encasements added. Kitchenette fridge spec added.	lkt
E01	28/08/09	Stage E Initial issue. Revised kitchen layout added to suit floorplan and equip schedule added. Section lines added. Roller shutters omitted, D0.16 location revised, additional double doorset (D0.48 added) and full height glazed screens added between Food Hall and Exhibition Space. External service yard spec revised to concrete. D0.17 position adjusted within screen.	dlc
E00	14/08/09	Stage E Initial issue.	dlc

CONTRACTOR'S PROPOSAL

Feilden+Mawson
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Email: norwich@feildenandmawson.com www.feildenandmawson.com

client: South Holland District Council

job: Red Lion Street, Spalding

drawing: Ground Floor Plan

Status: STAGE E - DETAIL DESIGN

scale	1:100 @ A1	drawn	GMcF
date	07/09	paper size	A1
checked	PB	CADfile	—
job no.	6890	dwg no.	9900
rev no.	E05		

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Coordinate Table			
S1	524833.996	322736.550	6.0344
S2	524804.228	322712.230	6.2650
S3	524797.416	322694.172	6.0952
S4	524786.497	322726.426	6.5653
S5	524767.157	322706.913	7.1110
S6	524761.485	322720.270	6.8571
S7	524755.380	322730.560	6.6390

Grid and levels to Ordnance Survey GPS OSGB36(02)

SHDC
Planning & Development
3 0 NOV 2009
Ref: S/935/09

NOTE:-

Drawn by:- TJWG Surveyed by:- MKRM Checked by:- JT

Date: 2nd April 2009

Scale:- 1:200

Drawing Number: ALS4684/200/01 reva Land Survey

Client: Feilden CONCULTANCY LTD

Project: Red Lion Foods Site Spalding LINCS

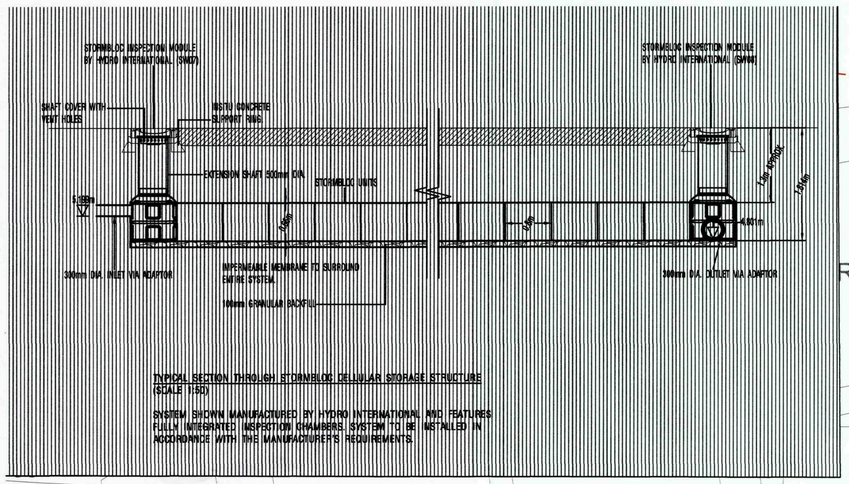
Surveyed By:-

Anglia Land Surveys Ltd

Bowthorpe Hall,
Bowthorpe Hall Road,
Norwich,NR5 9AA

Tel: (01603) 749600
Fax: (01603) 734798
e-mail: mail@als-surveys.com
Website: www.als-surveys.com

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TYPICAL SECTION THROUGH STORMBLOC CELLULAR STORAGE STRUCTURE
(SCALE 1:50)

SYSTEM SHOWN MANUFACTURED BY HYDRO INTERNATIONAL AND FEATURES FULLY INTEGRATED INSPECTION CHAMBERS SYSTEM TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS

Broad Street

Residential Block

Club

Private Carpark

Sunday School

Red Lion Street

Red Lion Hotel

MARKE

36

37

24

37a

19

37c

15

14

3

2

PROPOSED CONNECTION TO THE PUBLIC SEWER IN BROAD STREET TO BE APPROVED BY ANGLIAN WATER VIA A S106 AGREEMENT.

MH 8701
CL 6.070m
IL 4.69m

CW01
CL 6.18m
IL 4.712m

SW10
CL 6.100m
IL 4.726m

EXISTING PUBLIC 150mm COMBINED SEWER

1500mm DIA HYDROBRAKE MANHOLE TO RESTRICT DISCHARGE TO 5 L/S

150mm DIA. FWS @ 1:150

300mm DIA. SWS @ 1:300

FW11
CL 6.180m
IL 4.808m

SW09
CL 6.200m
IL 4.754m

SW08
CL 6.200m
IL 4.801m

FW10
CL 6.330m
IL 4.906m

STORMBLOC STORAGE TO BE 4 UNITS WIDE (3.2m) x 25 UNITS LONG (20m) x 1 UNIT DEEP (0.66m).

EX.FWMH
CL 6.40m
IL 4.915m (TBC)

FW07
CL 6.550m
IL 5.350m

FW08
CL 6.550m
IL 5.246m

SW11
CL 6.550m
IL 5.800m

SW12
CL 6.550m
IL 5.444m

150mm DIA. SWS @ 1:96

150mm DIA. FWS @ 1:60

150mm DIA. FWS @ 1:42

FW05
CL 6.80m
IL 5.791m

FW09
CL 6.300m
IL 4.972m

SW14
CL 6.200m
IL 5.394m
IL 4.823m (Base)

150 @ 1:60

FW06
CL 6.80m
IL 5.576m

FW14
CL 6.80m
IL 5.76mBD
IL 5.08m BASE

FW04
CL 6.80m
IL 5.88m

FW03
CL 6.80m
IL 5.98m

FW02
CL 6.80m
IL 6.13m

FW01
CL 6.80m
IL 6.80m

FW13
CL 6.80m
IL 5.97m

FW12
CL 6.80m
IL 6.20m

SW07
CL 6.100m
IL 4.893m (300)
IL 4.693m (Base)

300mm DIA. SWS @ 1:300

SW06
CL 6.300m
IL 5.681m

SW05
CL 6.300m
IL 5.256m

SW03
CL 6.800m
IL 5.865m

RAINWATER HARVESTING TANK TO BE SPECIFIED BY OTHERS.

EX.MH
CL 6.086m
IL 5.086m

MH?
CL 6.200m
IL TBC

MH
CL 6.368m
IL 5.468m

MH
CL 6.524m
IL 5.424m

FFL 6.80

SW01
CL 6.800m
IL 5.442m

SW02
CL 7.250m
IL 5.321m

EXISTING PRIVATE SWS

EXISTING PUBLIC 150mm COMBINED SEWER

MH 7703
CL 6.25m
IL 4.60m

MH 7704
CL 7.264m
IL 5.96m

EXISTING PUBLIC FWS

KEY

- EXISTING COMBINED SEWER.
- EXISTING FOUL WATER SEWER.
- PROPOSED FOUL WATER SEWER.
- EXISTING SURFACE WATER SEWER.
- PROPOSED SURFACE WATER SEWER.
- PROPOSED COMBINED SEWER.

1. ALL PROPOSED DRAINAGE SHOWN REQUIRES CONSULTATION WITH THE PLANNING AUTHORITY AND APPROVAL FROM ANGLIAN WATER.
2. CCTV SURVEY WILL BE REQUIRED FOR THE EXISTING DRAINAGE SYSTEMS.
3. GULLY LOCATIONS SHOWN INDICATIVE ONLY AND ARE SUBJECT TO DETAILED DESIGN OF LEVELS & EXTERNAL AREAS.

rev.	date	Description	Drawn	Chk.
F	30/10/09	Status updated to Contract.	NG	RH
E	19/10/09	Drainage revised to suit detailed design + Stormbloc section added.	LM	RH
D	17/09/09	Revised to suit latest layout; drainage to external areas added.	LM	RH
C	03/09/09	Attenuation unit relocated to suit RW harvesting tank.	LM	RH
B	21/08/09	Revised to suit latest Architect's layout.	LM	RH
A	31/07/09	Anglian Water recorded cover & invert levels added; Proposed cover / invert levels & gradients added.	LM	RH
-	09/07/09	First issue	LM	RH

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Planning & Development
30 NOV 2009
Ref: 0938/09

client:
South Holland District Council

project:
Proposed Food Centre
Red Lion Street, Spalding

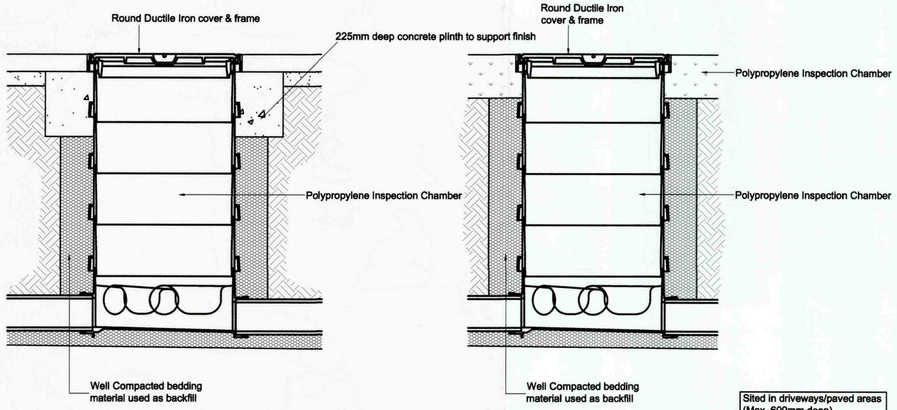
drawing title:
Proposed Drainage Layout

scale:	status:	
1:200	Contract	
job number: 10/3787	drawing number: 500	revision: F

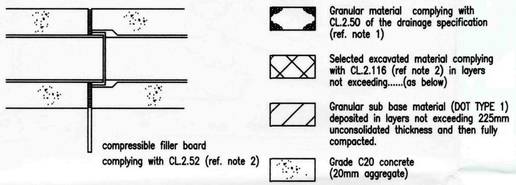
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Sited in driveways/hard landscaped areas with standard round cover (Max. 1.0m deep)

Sited in soft landscaped areas with standard round cover (Max. 1.0m deep)



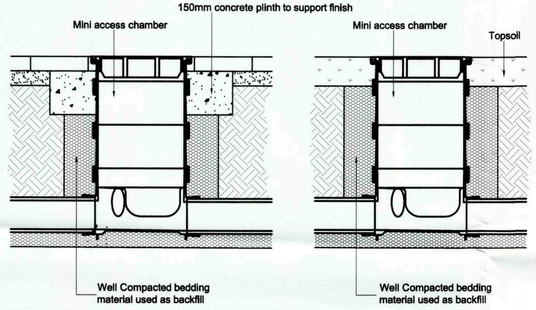
Typical Polypropylene Inspection Chamber
Scale 1:10



Section On Drain With Bed Type Z @ Pipe Joints

Sited in driveways/paved areas (Max. 600mm deep)

Sited in landscaped areas (Max. 600mm deep)



Typical Mini Access Chamber
Scale 1:10

CLASS M1, M2 OR EPOXY MORTAR HAUNCHING TO M.H. COVER AND FRAME.

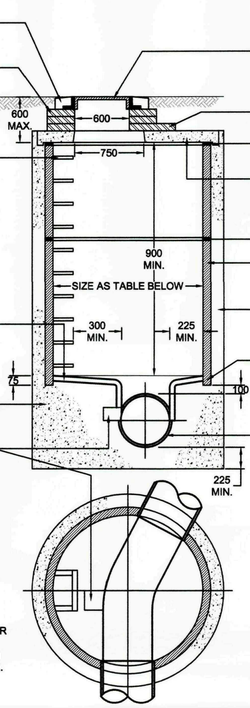
TYPE 2 COVER FRAME SEATING RINGS WITH 600x600 CENTRAL ACCESS HOLE.

STAINLESS STEEL (GRADE 316S31 BS 5970) OR POLYPROPYLENE ENCAPSULATED ALL TO BS 1247 PARTS 1-2, DOUBLE STEP RUNGS (280mm MIN. WIDTH AT 250mm CENTRES MAX. MAX. DISTANCE FROM COVER LEVEL TO FIRST STEP 675mm).

GRANO CONCRETE BENCHING (MIN. 20mm THICK) TO BE BROUGHT UP TO A DENSE SMOOTH FACE NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS. BENCHING SLOPE TO BE BETWEEN 1 IN 10 AND 1 IN 30.

GRADE GEN3 CONCRETE (SULPHATE RESISTING).

TOE HOLES TO BE PROVIDED IN CHANNEL OF SEWERS ABOVE 450mm DIA.



DUCTILE IRON COVER AND FRAME TO BS EN 124, BEDDED ON CLASS M1, M2 OR EPOXY MORTAR. APPROVED PACKING MATERIAL MAY BE USED IF REQUIRED.

TYPE 1 COVER FRAME SEATING RING WITH 600x600 ECCENTRIC ACCESS HOLE (BS 752-3) BEDDED ON MORTAR.

10mm UNCOMPRESSED THICKNESS OF APPROVED SEALANT TO ALL HORIZONTAL JOINTS.

COVER SLAB WITH 750x600 ACCESS (BS 752-3) BEDDED ON MORTAR.

10mm UNCOMPRESSED THICKNESS OF APPROVED SEALANT TO ALL HORIZONTAL JOINTS.

PRECAST CONCRETE CHAMBER SECTIONS.

150mm THICK GRADE GEN3 CONCRETE SURROUND (SULPHATE RESISTING).

PRECAST CONCRETE CHAMBER SECTIONS SET 75mm INTO BASE SLAB.

INVERT WITHIN CHAMBER TO BE FORMED USING A CHANNEL PIPE.

ALL PIPES ENTERING OR LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE. THE NEXT PIPE SHALL BE A SHORT 'ROCKER PIPE' WITH LENGTH AS TABLE BELOW.

SHAFT DIAMETERS

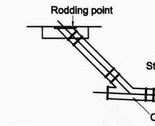
DIA. OF LARGEST PIPE IN M.H. (mm)	INT. DIA. OF M.H. (mm)
LESS THAN 375	1200
375 TO 450	1350
500 TO 700	1500
750 TO 900	1800

ROCKER PIPES

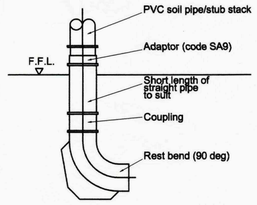
SEWER DIAMETER (mm)	EFFECTIVE LENGTH (mm)
150 TO 600	600
675 TO 750	1000
825 AND OVER	1250

CHAMBERS WITH OUTGOING PIPES GREATER THAN 600mm DIA. SHALL BE FITTED WITH REMOVABLE STAINLESS STEEL (GRADE 316) SAFETY CHAINS OR POLYPROPYLENE ROPE.

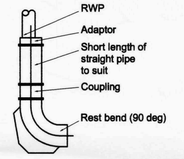
MANHOLE TYPE B - DEPTH TO SOFFIT LESS THAN 3m
(NOT TO SCALE)



Typical Rodding Point



Typical Connection Detail For SVP / Stub Stack

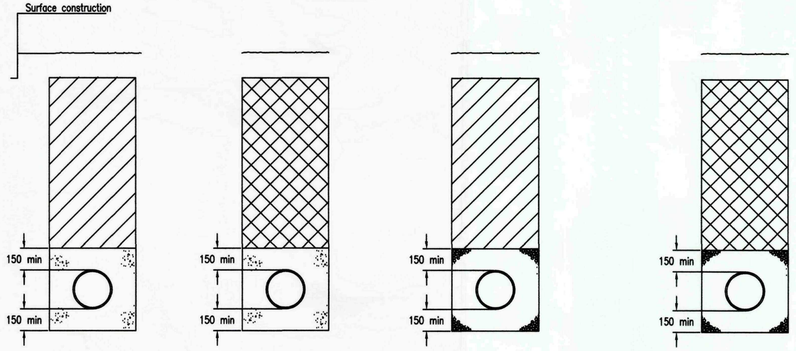


Typical Connection Detail For RWP

NOTE
No mechanical compaction within 300mm of crown of pipe.

NOTE
Where drains are laid under buildings they shall have type 'Z' bed and surround irrespective of depth of drain.

Surface construction



Drains with Concrete Bed and Surround

Type 'Z'
Applicable under roads / service yards where drains have less than 1200 cover (if adopted) or less than 600 cover (if not adopted)

Type 'Z'
Applicable under footpaths verges and other non-trafficked areas where drains have less than 900 cover (if adopted) or less than 600 cover (if not adopted)

Drains with Flexible Bed & Surround

Type 'S'
Applicable under roads / service yards where drains have more than 1200 cover (if adopted) or more than 600 cover (if not adopted)

Type 'S'
Applicable under footpaths verges and other non-trafficked areas where drains have more than 900 cover (if adopted) or more than 600 cover (if not adopted)

BEDDING & TRENCH DETAILS

TRENCH WIDTHS	
DIA. OF DRAIN	WIDTH
100 150 225	550 600 700
300 375 450	750 1050 1150
525 600 675	1200 1350 1450
750 825 900	1500 1600 1900
975 1050 1200	2000 2300 2300
OVER 1200	DIA. + 1000

675mm x 675mm COVER BEDDED ON MORTAR.

MORTAR HAUNCHING TO M.H. COVER AND FRAME TO CLAUSE 5.6.7

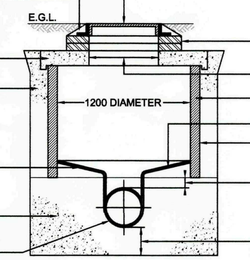
COVER SLAB BEDDED ON PC CHAMBER SECTION WITH MORTAR, PROPRIETRY BITUMEN OR RESIN MASTIC SEALANT.

CONCRETE SURROUND 150mm THICK.

HIGH-STRENGTH CONCRETE TOPPING TO BE BROUGHT UP TO DENSE, SMOOTH FACE, NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS (MINIMUM THICKNESS 20mm).

IN-SITU CONCRETE TO BE GEN3 (DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGRESSIVE GROUND).

INVERTS FORMED USING CHANNEL PIPES.



2-4 COURSES OF CLASS B ENGINEERING BRICKS, CONCRETE BLOCKS OR PRECAST CONCRETE COVER FRAME SEATING RINGS.

675mm x 675mm OPENING IN COVER SLAB.

LIFTING EYES IN CONCRETE RINGS TO BE POINTED.

BENCHING SLOPE TO BE 1:10 TO 1:30.

BOTTOM PRECAST CONCRETE RING TO BE BUILT INTO BASE CONCRETE MINIMUM 75mm.

DISTANCE BETWEEN TOP OF PIPE AND UNDERSIDE OF PC CHAMBER TO BE MINIMUM 50mm TO MAXIMUM 300mm.

225mm TO BARREL OF PIPE.

NOTES

ALL PRECAST CONCRETE SECTIONS / SLAB AND IN-SITU CONCRETE TO BE GEN3 (DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGRESSIVE GROUND.

APPROVAL OF THE UNDERTAKER MUST BE GIVEN FOR INSTALLATION OF THIS TYPE OF MANHOLE.

SHDC Planning & Development 30 NOV 2009 Ref: 0938-09

MANHOLE TYPE E - DEPTH TO SOFFIT 1m TO 1.5m
MAXIMUM SEWER DIAMETER 375mm.
(NOT TO SCALE)

NOTE

EXACT MANHOLE COVER SPECIFICATION TO BE CONFIRMED & APPROVED BY THE ARCHITECT.

rev.	date	Description	Drawn	Chk.
A	30/10/09	Status updated to Contract. Note regarding manhole covers added.	NG	RH
_	21/08/09	First Issue	LM	RH

WARD :: COLE
consulting engineers
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Roman Wharf
Lincoln
LN1 1SR
tel 01522 513032 fax 01522 513559
e-mail structures@wardcole-lincoln.co.uk

client:
South Holland District Council

project:
Proposed Food Centre
Red Lion Street, Spalding

drawing title:
Drainage Details

scale: N.T.S.
status: Contract

job number: 10/3787
drawing number: 503
revision: A

new brick wall to match existing

existing brick wall

Service yard gates - See dwg 6002.

Turning circle guide tbc by structural engineer

new bollards. See dwg. 6001, Detail B

rainwater collection tank location, for details refer to Str. Eng. details

concrete steps

Temporary parking for delivery / refuse vehicles.

Potential location of skip / pallets

service yard

Ramp up 1:13

new drop bollards see dwg. 6001, Detail C

Cycle stands for 25No. cycles - See dwg 6001, Detail A.

RAMP UP @1:14

CURVE SETOUT POINT

FFL +6.8

FFL +6.73

asphalt

concrete steps

Wrought Iron Railings - see dwg 6001 Detail D

Wall 9.280

Wall 10.079

Wall 10.082

Wall 10.130

Wall 8.756

Wall 8.474

Wall 8.47

Wall 8.4

D-D 6001

E-E 6001

F-F 6001

C-C 6001

1009 A-A

1009 B-B

LEGEND

- 600sq. Marshall's Textured Conservation Paving or similar approved
- Marshall's Keyblock Interlocking block paving or similar approved
- Sealed Concrete finish
- +6.800 Proposed Level
- 6.31 Existing Level

CONTRACTOR'S PROPOSAL

SHDC Planning & Development 20 NOV 2009 Ref: 09/35/09

Rev	Date	Revision Description	By:
E01	30/10/09	Contractors Proposals Issue	dlc
E00	26/10/09	Stage E Initial Issue	rgl

Feilden+Mawson

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Email: norwich@feildenandmawson.com www.feildenandmawson.com

client: South Holland District Council

job: Red Lion Street, Spalding

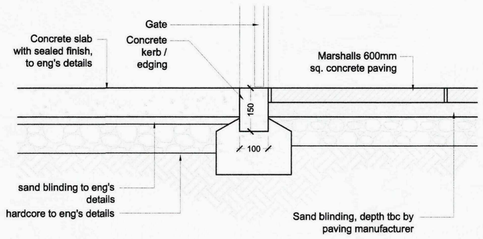
drawing: External Works Plan

status: STAGE E - DETAIL DESIGN

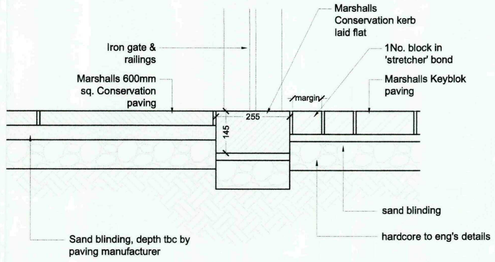
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paper size	A1	checked	dlc	CADfile	—
job no.	6890	dwg no.	6000	rev no.	E01

do not scale from this drawing
check all dimensions on site before construction

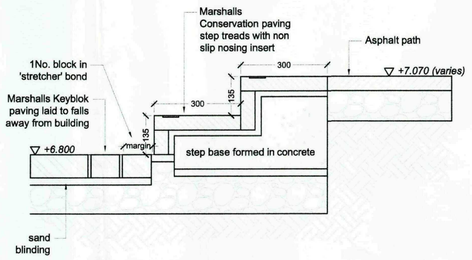
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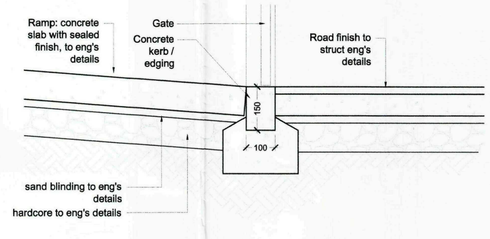
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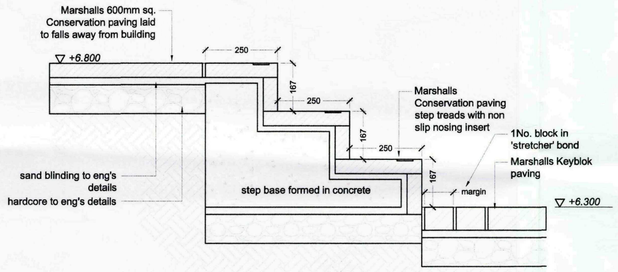
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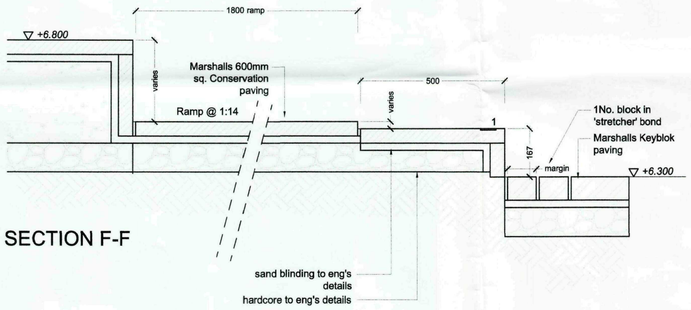
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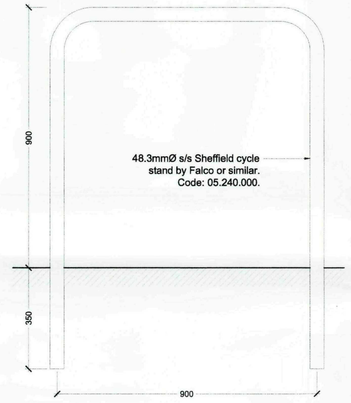
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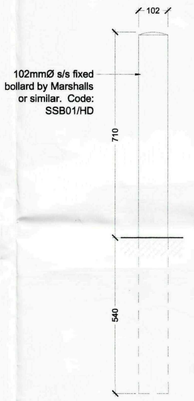
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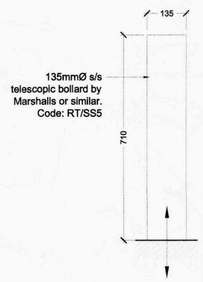
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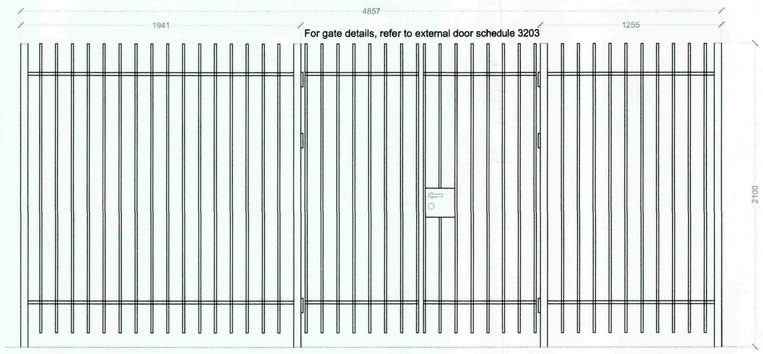
DETAIL A
CYCLE STAND



DETAIL B
FIXED BOLLARD



DETAIL C
TELESCOPIC BOLLARD



DETAIL D
WROUGHT IRON RAILINGS - ELEVATION 1:20

SHDC
Planning & Development
30 NOV 2009
Ref: 0938/09

CONTRACTOR'S PROPOSAL

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E01	30/10/09	Contractors Proposals Issue	dlc
E00	26/10/09	Stage E Initial Issue	njt

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client: South Holland District Council
job: Red Lion Street, Spalding
drawing: External Works Details
Status: STAGE E - DETAIL DESIGN

scale	drawn	date
1:100 @ A1	NJT	07/09
paper size: A1	checked: dlc	CADfile: —
job no.	dwg no.	rev no.
6890	6001	E01

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I:\6890 Red Lion Street, Spalding\04 - CAD / drawings\issued sheet level directory\04 - Issued Drawing Files\LP\6890 6001 E01 External Works 30.10.09.dwg 30/10/09 12:48 PM

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SECT A
SECT B
SECT C
SECT D
SECT E
SECT F
SECT G
SECT H

09
08
07
06
05
04
03
02
01

A B C D E F G H J

+19.100
+18.350
+19.530

brise soleil

Levolux Ref: 19000280 aerofoil fins, 250mm deep, colour: dark grey to match windows at approx. 175mm c/c with colour matched support arms at approx 1500mm centres with 200x100 deep channel nosing coloured to match

fall

Ground floor level below

Second floor level below

rooflight

Solar Thermal panels as per BSD spec

Temporary Hole in Roof Covering
Temporary Tower Crane

8No. Double skin NuLite 2400mm dia. polycarbonate rooflight

AOV Spec GEM-SOREM 1000 x 1000mm c/o by Bilco or similar approved

Roof access and AOV

1100 high railings

LIFT SPEC
Kone Monospace
630 range machine
630 kg lift max.
24 persons

Roof access and AOV

AOV Spec GEM-SOREM 1000 x 1000mm c/o by Bilco or similar approved

Fall

Second floor level below

Finish generally Sarnafil light grey, with colour matched feature trims, copings,brise soleil and edge trims.

Mansafe system for roof maintenance access

Rainwater outlets to be confirmed

WARM ROOF COVERING - Main Roof
Substrate: Profiled metal deck, minimum 0.7mm thick
Manufacturer: Sarnafil Ltd or similar approved
Vapour Control Layer: Sarnavap 1000E
Laying: Loose lay and overlap all side and end laps by a minimum 100mm, seal with Sarnavap jointing tape.
Insulation: SarnaTherm insulation board
Attachment: Mechanically fixed
Waterproof membrane: Sarnafil G410-12EL Lacquered Reinforced PVC membrane
Thickness: 1.2mm
Colour: Light Grey
Attachment: Fully adhered
Accessories: Drainage: Double L Insulated RWO
Walkways: SarnaTred Walkway Tiles

WARM BALLASTED ROOF COVERING - Terrace s
Substrate: Precast concrete deck
Roof covering:
Manufacturer: Sarnafil Ltd or similar approved
Vapour Control Layer: Sarnavap 1000E
Laying: Loose lay and overlap all side and end laps by a minimum 100mm, seal with Sarnavap jointing tape.
Insulation: SarnaTherm insulation board.
Attachment: Loose Laid
Waterproof membrane: Sarnafil G410-15EL Lacquered Reinforced PVC membrane
Thickness: 1.5mm
Colour: Light Grey
Attachment: Loose Laid with perimeter restraint
Upper protective layer (loose laid): G445-13
Surface protection: Paving Slabs

GREEN ROOF COVERING Red Lion Street - Green Roof
Substrate: Precast concrete deck
Manufacturer: Sarnafil Ltd or similar approved
Vapour Control Layer: Sarnavap 2000E
Laying: Loose lay and overlap all side and end laps by a minimum 100mm, seal with Sarnavap jointing tape.
Insulation: SarnaTherm insulation board.
Attachment: Loose Laid
Waterproof membrane: Sarnafil G410-15EL Lacquered Reinforced PVC membrane
Thickness: 1.5mm
Colour: Light Grey
Attachment: Loose Laid with perimeter restraint
Upper protective layer (loose laid): Sarnafil Aquadrain
Surface protection: SarnaVert Extensive Green Roof Covering

SHDC
Planning & Development
30 NOV 2009
Ref: 0938/09

Rev	Date	Revision Description	By:
E02	05/10/09	Roof access / AOV position via staircases adjusted, brise soleil and section lines corrected, Red Lion Street updated, Contractor's Proposal.	dlc
E01	29/08/09	Roofing membrane specification added to drawing	lkt
E00	25/08/09	Stage E initial issue. Solar thermal panel layout revised as per BSD quote	MNJ

CONTRACTOR'S PROPOSAL

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client: South Holland District Council

job: Red Lion Street, Spalding

drawing: Roof Plan

Status: STAGE E - DETAIL DESIGN

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paper size	A1	checked	PB	CADfile	---
job no.	6890	dwg no.	9903	rev no.	E02

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6890 Red Lion Foods Spalding\1 - CAD Drawings\Issue sheet set directory\01 Current Drawings\AC DWG Layouts\01 Plans\9903 Roof Plan.dwg 09/03 Roof Plan ISO A1\Luke Townshend\8/4/2009 11:53 AM