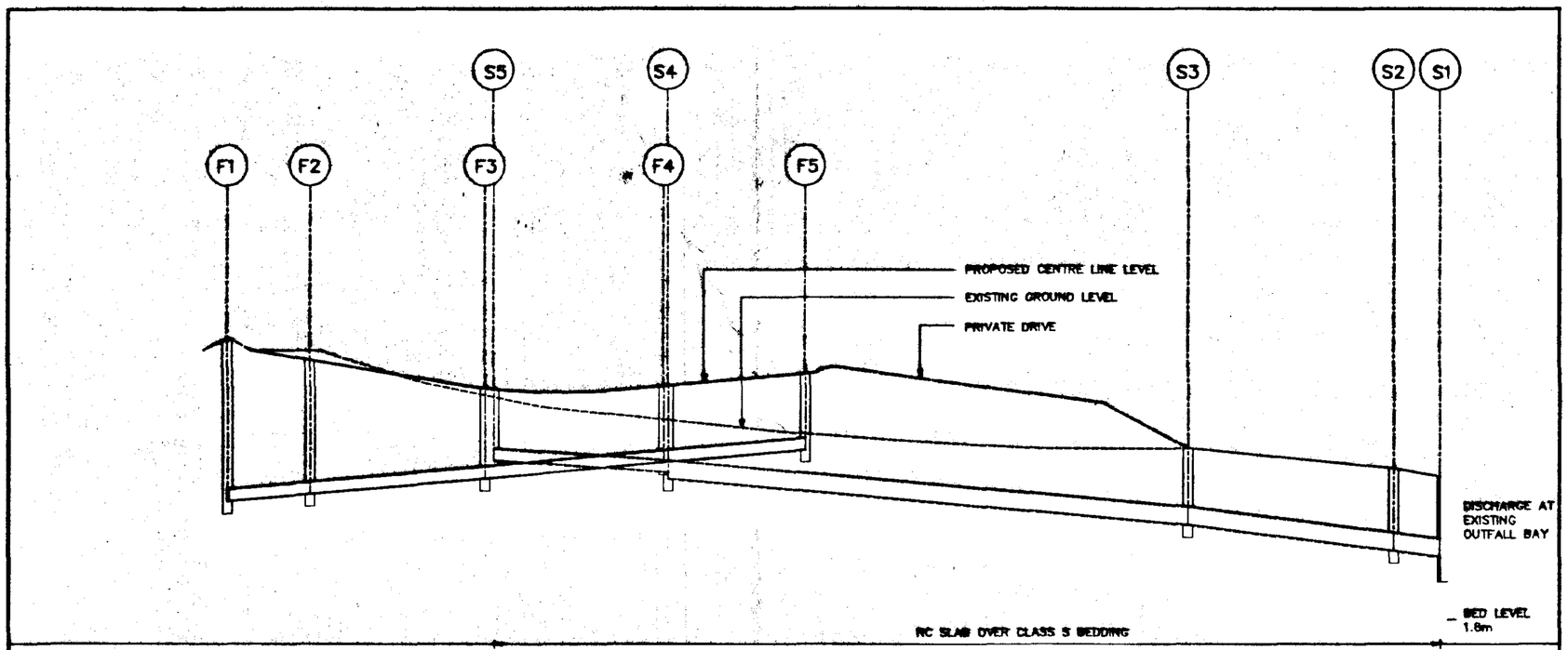


MANHOLE SCHEDULE

MANHOLE No	TYPE	COVER LEVEL
F1	B1200	5.25
F2	B1050	4.95
F3	C 1240x675	4.60
F4	C 1240x675	4.65
F5	C 1240x675	4.80

MANHOLE No	TYPE	COVER LEVEL
S1	Ex OUTFALL BAY	-
S2	C 1240x675	3.65
S3	C 1240x675	3.90
S4	C 1240x675	4.65
S5	C 1240x675	4.60

SOUTH HOLLAND DC
HOUSING & PLANNING
15 OCT 1999
Ref: 1024/99

DETERMINED PLAN

REV B 08.1999 PIPE BEDDING ADDED
DRIVE LEVEL REVISED

REV A 06.1999 S1-S4 PIPE SIZE INCREASED AND GRADIENT REVISED

JOHN D SPOONER & ASSOCIATES
Civil Engineering Consultants
9 HIGH STREET
THURLBY
BOURNE
LINCS PE10 0ED
Tel: 01778 423847

CLIENT: PATTERSON HOMES LIMITED

PROJECT: RESIDENTIAL DEVELOPMENT
ALBION STREET
SPALDING

TITLE: ROAD AND SEWERS
LONGITUDINAL SECTION

SCALE	DATE	DRAWN	CHECKED
H 1:500 V 1:50	06.1999	C A D	J D S

DRAWING NUMBER: J323-3 B

North.

5.0m CARRIAGEWAY
1.8m FOOTWAYS

REMOVE EXISTING GULLY COMPLETE
NEW GULLY CONNECTED TO EX. CONNECTION

TP Ch21.515
969.663
3003.625

TP Ch33.084
959.409
2999.143

TP Ch48.186
950.831
2989.239

cc7.5mR
985.666
3013.103

cc13mR
941.004
2997.750

DOUBLE GULLIES
AT LOW POINT
Ch 38.14m

cc13mR
979.233
2990.632

cc7.5mR
981.448
2993.231

cc7.5mR
960.996
2985.701

927.808
2984.750

TP Ch57.328
941.004
2984.750

Ch 48.221
950.996
2985.900
4.641

BACK OF FOOTWAY
2.3m FORWARD VISIBILITY
cc 12.5mR
970.921
2986.774

cc7.5mR
940.996
2974.750

950.996
2971.250
4.497

Ch 70.528

Ch 0
991.167
3002.917

WHITE HOUSE CHAMBERS

ALBION STREET

3000N

3000S

1/100

Gex

LP

LPex

C

G

Ref: 08/780/99
SOUTH HOLLAND DC
HOUSING & PLANNING
01 DEC 1999

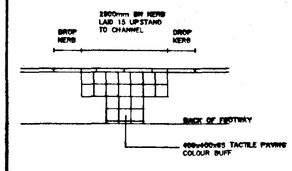
ROAD DRAINAGE

ALL GULLY CONNECTIONS TO BE 150 VITRIFIED CLAY SUPERSLEVE WITH CONCRETE SURROUND

VEHICULAR CROSSINGS

VEHICULAR CROSSINGS ARE TO BE LOCATED TO SUIT THE ARCHITECTS LAYOUT.

PEDESTRIAN CROSSINGS



ROAD SIGNS AND MARKINGS

TO BE AGREED ON SITE WITH DIVISIONAL SURVEYOR

STREET LIGHTING

TO BE IN ACCORDANCE WITH LINCOLNSHIRE COUNTY COUNCIL STREET LIGHTING DEVELOPMENT ROAD DESIGN GUIDE 1993

- 5m COLUMNS AND 50w SON-T EQUIPMENT AS SPECIFICATION 5/50/C/93.

COLUMNS BY
STAINTON METAL CO. LTD
DUKESWAY
TEESIDE INDUSTRIAL ESTATE
THORNABY
CLEVELAND TS17 9LT Tel 01642 766242

METRO BOROUGH 5m MOUNTING HEIGHT COLUMN WITH G1 CORROSION PROTECTION, BRACKET ARM PROJECTION 0.5m, SPIGOT TO SUIT PHILIPS ME 050T F SIDE ENTRY LANTERN 34mm dia.

LANTERNS, LAMPS AND GEAR BY
PHILIPS LIGHTING
420 LONDON ROAD
CROYDON CR9 3QR Tel 0181 689665

PHILIPS ME 050T F SIDE ENTRY LANTERN, INCORPORATING INTEGRAL LOW LOSS GEAR, 50w SON-T PLUS LAMP AND FITTED WITH NEMA PHOTOCELL SOCKET

PHOTOCELLS BY
SELC ELECTRONICS
REDHILL HOUSE
HOPE STREET
SALTNEY
CHESTER CH4 8BU Tel 01244 682948

841 PHOTOCELL, ELECTRONIC, 1 PART, 1:0.5 DIFFERENTIAL, 70LUX ON.

REC SUPPLY TO ALL COLUMNS AND TYPE A TERMINATIONS TO SD14/4/A.
(INDIVIDUAL REC SUPPLY TO EACH COLUMN)

ALL COLUMNS TO BE SITED WITHIN THE ADOPTABLE HIGHWAY AND GENERALLY IN COMPLIANCE WITH APPENDIX H OF THE CURRENT LINCOLNSHIRE DESIGN GUIDE FOR RESIDENTIAL AREAS.
COLUMNS SHALL NOT BE INSTALLED WITHIN DROPPED KERB AREAS WITHOUT PRIOR ARRANGEMENT FROM THE STREET LIGHTING ENGINEER.

HIGHWAYS ACT SECTION 38

WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH LINCOLNSHIRE COUNTY COUNCIL DEVELOPMENT ROAD LAYOUT GUIDE, SPECIFICATION AND CONSTRUCTION CURRENT AT THE TIME OF THE WORKS

REV A 08.1999 GULLIES DELETED & STREET LIGHTING REVISED

JOHN D SPOONER & ASSOCIATES
Civil Engineering Consultants
9 HIGH STREET
THURLBY
BOURNE
LINCS PE10 OED
Tel: 01778 423647

CLIENT
PATTERSON HOMES LIMITED

PROJECT
RESIDENTIAL DEVELOPMENT
ALBION STREET
SPALDING

TITLE
ROAD LAYOUT

DETERMINED PLAN

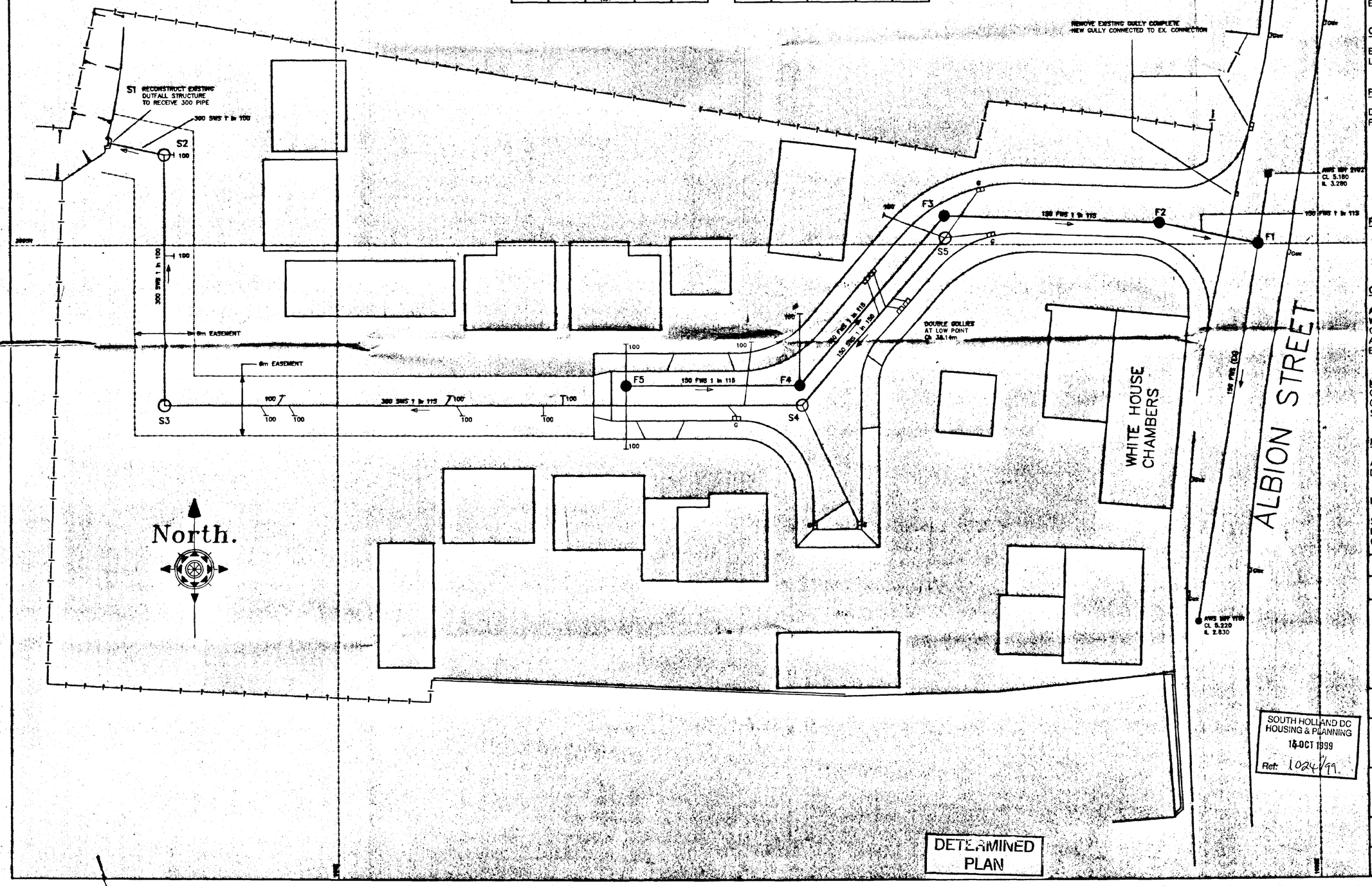
SCALE	DATE	DRAWN	CHECKED
1:200	06.1999	CAD	JDS

DRAWING NUMBER
J323-1A

MANHOLE SCHEDULE

MANHOLE No	TYPE	INVERT PLAN	ROAD CHAINAGE	COVER LEVEL
F1	B1200	150sx 150sx	BUILT ON Ex SEWER	5.25
F2	B1050		7.3	4.95
F3	C 1240x675		28.9	4.60
F4	C 1240x675	100	51.2	4.65
F5	C 1240x675	100 150	69.0	4.80

MANHOLE No	TYPE	INVERT PLAN	ROAD CHAINAGE	COVER LEVEL
S1	Ex OUTFALL BAY	300	-	-
S2	C 1240x675	300 100 300	-	3.65
S3	C 1240x675	300 300	-	3.90
S4	C 1240x675	300 150 G	51.8	4.65
S5	C 1240x675	100 G 150	30	4.60



DETERMINED PLAN

SOUTH HOLLAND DC HOUSING & PLANNING
14 OCT 1999
Ref: 1024/99

HIGHWAYS ACT SECTION 38 WORKS

TO BE CONSTRUCTED IN ACCORDANCE WITH LINCOLNSHIRE COUNTY COUNCIL DEVELOPMENT ROAD LAYOUT GUIDE, SPECIFICATION AND CONSTRUCTION CURRENT AT THE TIME OF THE WORKS.

SECTION 104 WORKS

TO BE CONSTRUCTED IN ACCORDANCE WITH WATER AUTHORITIES SPECIFICATION SEWERS FOR ADOPTION – FOURTH EDITION.

CONNECTION TO EXISTING SEWERS

BEFORE WORKS COMMENCE EXISTING LEVELS MUST BE CHECKED.

PIPE BEDDING

DEPTH OF COVER TO BARREL OF PIPE OR COLLAR
EXCEEDING 1200
CLASS S BEDDING
NOT EXCEEDING 1200
SECTION 104 WORKS
RC SLAB OVER CLASS S BEDDING
SECTION 38 WORKS
CONCRETE SURROUND

PIPE MATERIALS

100 & 150 DIAMETER
VITRIFIED CLAY SUPERSLEVE
225 VITRIFIED CLAY HEPSLEVE

CONCRETE

ALL CONCRETE USED IN DRAINAGE WORKS (PRECAST AND INSITU) SHALL BE CLASS 3 SULPHATE RESISTING IN ACCORDANCE WITH BUILDING RESEARCH ESTABLISHMENT DIGEST 363.

MANHOLE COVER LEVELS

COVER LEVELS ARE FOR GUIDANCE ONLY & SHOULD BE ADJUSTED TO SUIT FINISHED LEVELS

PIPE SIZES

ALL FOUL WATER SEWERS ARE 150 DIAMETER.

PRIVATE DRIVES

SURFACE WATER OFF DRIVES AND OTHER PRIVATE AREAS SHALL NOT DISCHARGE ONTO ADOPTED HIGHWAY AREAS.

REV B 08.1999	HOUSE DRAINAGE CONNECTIONS ADDED MANHOLE TYPES REVISED
REV A 06.1999	S1–S4 INCREASED TO 300 AND MANHOLES TO SUIT

JOHN D SPOONER & ASSOCIATES
Civil Engineering Consultants
9 HIGH STREET
THURLBY
BOURNE
LINCS PE10 0ED
Tel: 01778 423647

CLIENT
PATTERSON HOMES LIMITED

PROJECT
RESIDENTIAL DEVELOPMENT
ALBION STREET
SPALDING

TITLE
SEWER LAYOUT

SCALE	DATE	DRAWN	CHECKED
1:200	06.1999	C A D	J D S

DRAWING NUMBER
J323–2 B