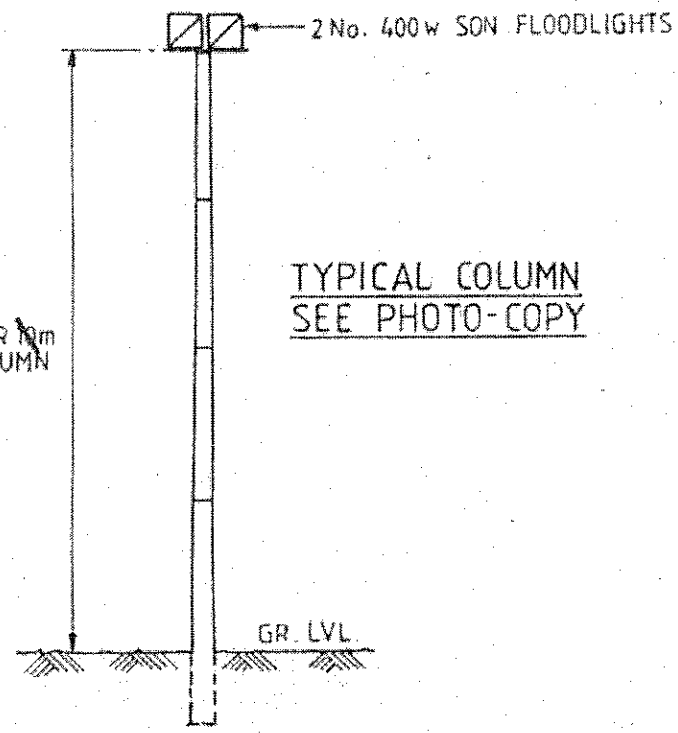
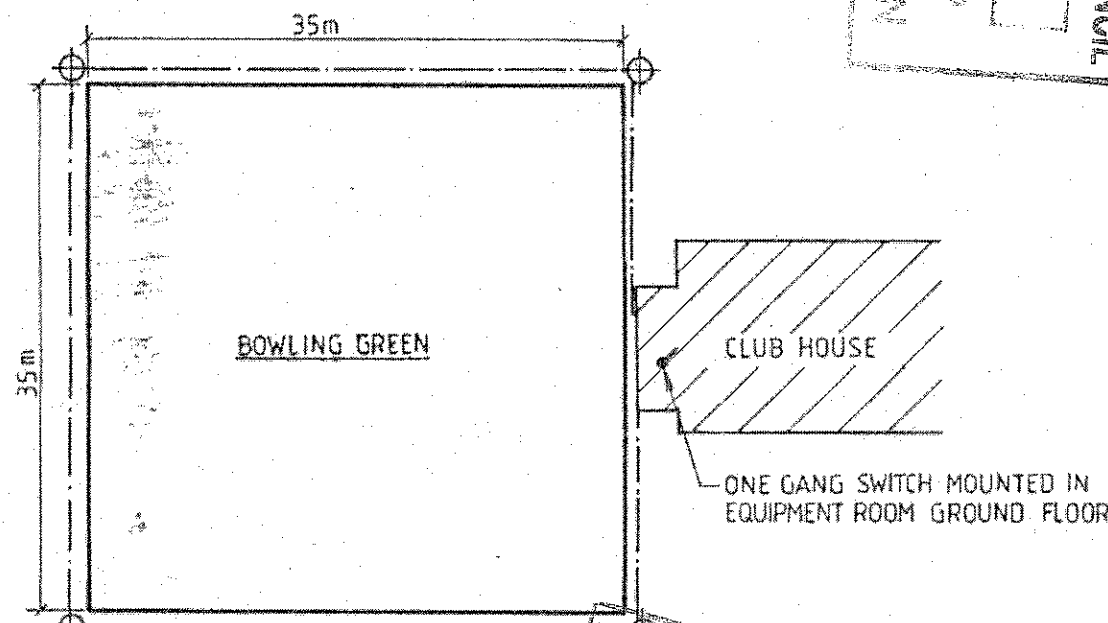


club copy

**HIGH PEAK
BOROUGH COUNCIL**
GLOSSOP
RECEPTION
13 SEP 2007

SYMBOL KEY

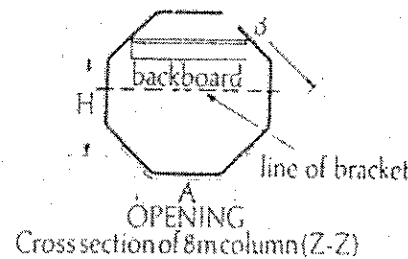
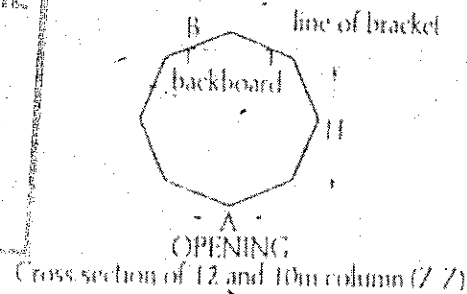
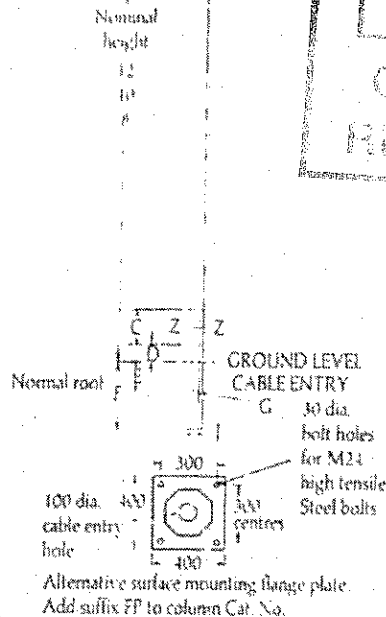
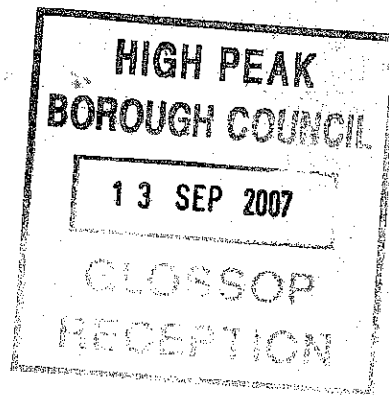
- ⊕ COLUMN LIGHTING 8/10m POLE WITH TUNGSTEN/SON LAMP
- PROPOSED CABLE ROUTE / TRENCH MINIMUM 450mm



TYPICAL COLUMN
SEE PHOTO-COPY

HIGH PEAK BOROUGH COUNCIL
GLOSSOP SITE
RECEIVED
13 SEP 2007
PLANS REQUIRED

**GLOSSOP BOWLING GREEN
DEVELOPMENT**
SCALE 1:500



COLUMN DIMENSIONS mm		A	B	C	D	E	F	G	H	J	Wt kg
Cat. No.	Normal height										
QC 12	12 metre	136	305	610	457	305	1500	152x76	230	375	113
QC 10	10 metre	136	249	610	457	305	1500	152x76	173	310	79
QC 8	8 metre	128	219	610	457	305	1219	152x76	110	270	62

Range

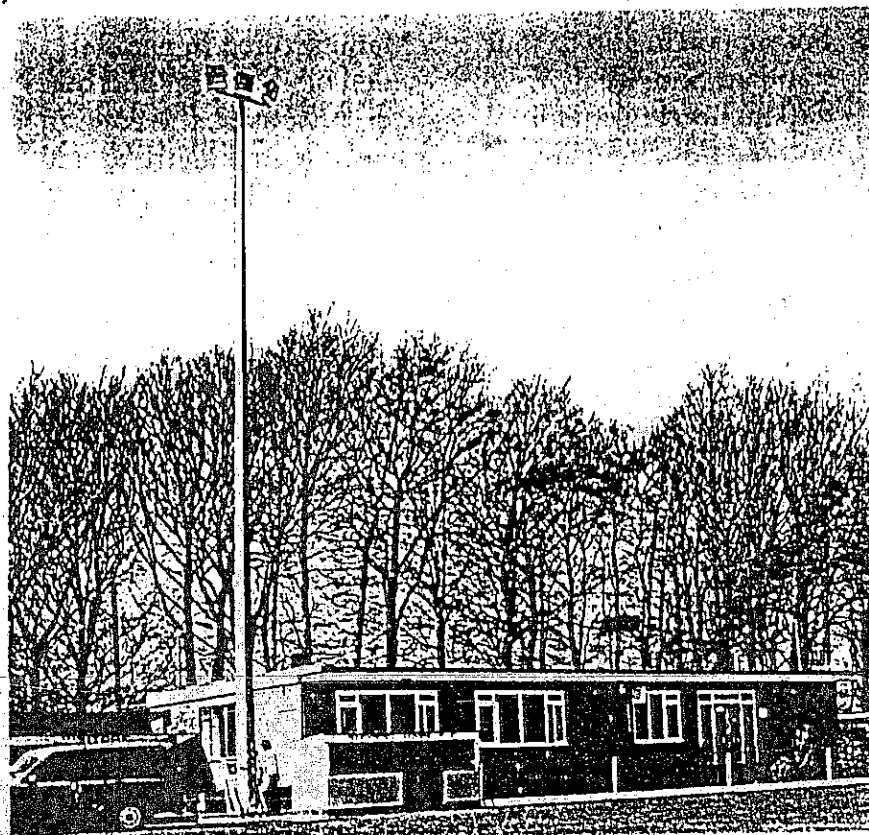
Cat. No.	Description
COLUMNS	
QC8	8m root mounted column
QC8FP	8m flange mounted column
QC10	10m root mounted column
QC10FP	10m flange mounted column
QC12	12m root mounted column
QC12FP	12m flange mounted column

ROADLIGHTING BRACKET ARMS for use only with columns above
All THORN Roadlighting luminaires are suitable for use where marked *

Cat. No.	Description	12m	10m	8m
QCB 1075	Single arm, 0.75m outreach	*	*	*
QCB 1125	Single arm, 1.25m outreach	*	*	*
QCB 1200	Single arm, 2.0m outreach	*	*	*
QCB 1300	Single arm, 3.0m outreach	*	*	*
QCB 2150	Double arm, 1.5m span	*	*	*
QCB 2250	Double arm, 2.5m span	*	*	*
QCB 2400	Double arm, 4.0m span	*	*	*
QCB 2500	Double arm, 5.0m span	*	*	*
QCB2/BVD	Visage stub double arm		*	*
QCB2/CA5000	CA5000 stub double arm		*	*

Council of Borough of High Peak
Town & Country Planning Act
Planning Application Code No. 033846
Approved/Refused Date 30/9/07
Revised Plan No.
Signed *[Signature]*
Director of Housing and Planning

Note: Where Pole T2 or T1 require
mounting, add /P1/T2/T3 to Cat. No.



Steyning Football Club, Sussex

THORN Group A aluminium columns are available in 8m, 10m and 12m heights. They can be supplied suitable for roof mounting or surface flange mounting.

These columns are octagonal and tapered in design, giving a graceful and balanced appearance. They are manufactured from 5251 aluminium sheet which is completely maintenance free and does not require painting, even in the

harshest of environments. THORN Group A columns are designed to BS3989, DTp approved, Design Council Approved, and are manufactured under BS5750 Part 2 factory quality system. These standard columns and brackets are also used to provide solutions to BS5649. Full design details are available on request. Brackets are available for mounting side entry 'A' Road lanterns (Alpha and Pilote ranges), Floodlights

and high level amenity lanterns (Gamma 3 and 4, Lemnis, Visage and CA5000). All brackets suit only THORN Group A columns.

All brackets are secured to a cast aluminium plate which is welded to the top of the column. This unique design feature prevents wind induced rotation of the brackets.

Any column, irrespective of design or material can suffer from wind induced vibration which can damage lamps and lanterns. This can occur when air turbulence is created by peculiar geographical features or building formations. It is not possible to predict these circumstances, but where these extreme situations occur, the vibration can be controlled with a multifrequency damper (QCM). This device can be fitted to columns already installed or can be ordered factory fitted to new columns. Note that installing contractor must fit Kopex flexible conduit or other protective sleeve over lantern supply cable inside column to prevent cable from chafing on damper.

Specification

Column Shape	Octagonal, tapered, seamless, bonded section
Column material:	Aluminium sheet BS1470, 1987 5251 H34
Top Casting material:	LM9M (welded into column)
Side entry brackets:	6082 TF aluminium alloy tube to BS1471. 8" square to 5mm wall with 42mm 20° tapering spigot. Secured with 2 x stainless steel U-bolts, tightening torque 100 Nm
Backboard:	Treated timber, 914mm x 152mm
Door opening:	610mm x 130mm
Earth connection:	Stainless steel
Spare door key:	Cat. No. QCKT
Roof detail:	Heavy duty bitumen coating inside and out to 50mm above ground level.
Flange plate detail:	Hot dip galvanised steel with heavy duty bitumen coat
U-Bolts	M14

