Form 1410 Sketch/Calc Site Visit Memo File Note Phone Call Meeting Archibald Shaw Project No./Ref: 34254/1 Project: CHILLEROVE HALLS - INTOLINAL ARALMOND **Consulting Civil and Structural Engineers** www.archibaldshaw.co.uk Section: ©Date: DUCY 25 Time: Prepared: NLS Checked: 3:45m SPAN BOM TO SUPPORT NOD INFORMAL NUB BLOCKWAL 100 BLOCK 1.2 0.3 1.5 KW/m<sup>2</sup> PUBBER x2 HEICHT of when = 2.5m 30 UDL = (2.5×1.5)+5.W - 3.75+0.25 = 4/cw/m 691K0 3:45 7, 6.9100 M= 4×3:452/8 = 5.95 KDM TR1 120 SHS (S)  $\sigma_{b} = \frac{5.85 \times 10^{3}}{836} = 71.1 \text{ N/mm}^{2}$ A = 5x4x3450° 384-x205×505×107 = 7.13 mm = <u>SPAN</u> 438 00 DSE 120x120Sts(5)

ORM 1410 Sketch/Calc Site Visit Memo Phone Call File Note  $\Box$ Meeting Archibald Shaw Project No./Ref: 4254 2 Project: CMILLEROUE HUMES - 10 March MANMONS **Consulting Civil and Structural Engineers** www.archibaldshaw.co.uk Section: NLS ©Date: JUY 25 Checked: Time: Prepared: CHEEK BEARING ON BLOCK UND FLAT. PINGH FINGH 250 -Look BUMUNC STRANCAN = 1.25×1.7N/ma = 0.607N/mm2 3.5  $5_{\text{beaving}} = \frac{1.4(6900)}{250\times100}$ - 0-39 N/mm < 0.607N/mm2 000K So OSE BOMMING RATE 100x250×6









	and specifie	ng to be cations	e read in	conjunction	with all releva	ant architects ar	nd engin	eers drawing
2	All design, Regulation	materia s and c	als and v	vorkmanship	shall be in ac Practice and t	cordance with British Standard	the curro	ent Building
3	All dimensi	ons, de	etails, co	mponents ar	nd assemblies	shall be verifie	ed by the	contractor
4	Open steel Hollow steel Steel section All steels to accordance Bolts to be	section el section ons dim o be ex e with E grade	ns to be ons to be ensiona ecution o 3S EN 10 8.8 unles	grade S355, grade S355 grade S355 l tolerances class 2 unles 900 - 1 & 2	арруу. JR to BS EN 1 5NH to BS EN to be to BS4 - as otherwise n noted	0025 - 2 10210 - 1 - 1, BS EN 1003 oted & sections	34 & BS s to be C	EN 10210 - 2 E marked in
5	All welding	to be o	arried of	ut in accorda	ance with BS I	EN 1090-2. All v	welds to	be 6mm fillet
6	Steelwork p	prepara	ition: Sh	otblast to SA	<b>2</b> <sup>1</sup> / <sub>2</sub>			
	Painting:	I		Tupo		Min Day	Film	No of Cost
	(i.e. Primer Finishing)	1		, уре		Thickness	s (µm) bat	(Works/Site
	Primer All damage sheradised steelwork s to be painte	ed area or hot surface ed two	High s of worł dipped g s expose coats bit	Build Zinc F s applied pa galvanised. S ed to cavities uminous pai	Phosphate aint coats to b Steel encased and/or built in nt on site (min	75 e touched up of in concrete not nto inner skin of n film thickness	n site. A t to be p f externa 100 mic	1 Il bolts to be ainted. All al cavity wall crons, 50
7	microns pe Shop drawi	r coat). ings an	d details	to be subm	itted to engine	er for commen	t at leas	t 10 working
	days prior t	to fabri						
9	Any proprie	drawing etary ite xed or i	ems, fixir used in a	in be require ting out dim- ngs or materia accordance v	ials specified with manufact	on the drawings urers instruction	s should ns.	be
10	CDM Risks	al Risks						
				Beam	n Legen	d		
Bear	n Ref.			Bean	n Legen si	d ze		
Bear E	n Ref. 31	12	20 x 12	Bean 20 x 5.0 S bea	n Legen Si HS + 250 arings plate	d ze Lg x width c es at each e	of wall nd	x 6mm Dp
Bear E	n Ref. 31	12 Indic	20 x 12	Beam 20 x 5.0 S bea Symbo	h Legen Si HS + 250 arings plate	d ze Lg x width c es at each e	of wall nd	x 6mm Dp
Bear E	n Ref. 31	Indic	20 x 12	Beam 20 x 5.0 S bea	h Legen Si HS + 250 arings plate	d ze Lg x width c es at each e end beam & bloc	of wall nd	x 6mm Dp
Bear E	n Ref. 31		20 x 12	Beam 20 x 5.0 S bea	h Legen Si HS + 250 arings plate	d ze Lg x width c es at each e end beam & bloc beam & bloc	of wall nd	x 6mm Dp
Bear E	n Ref. 31		20 x 12	Beam 20 x 5.0 S bea	h Legen Si HS + 250 arings plate ols Lege sting 150 f	d ze Lg x width c es at each e end beam & bloc chec	of wall nd	x 6mm Dp
Bear E	n Ref. 31 DESCR	Indic	20 x 12	Beam 20 x 5.0 S bea Symbo pan of exi	DIS Lege	d ze Lg x width c es at each e end beam & bloc chec	of wall nd	x 6mm Dp
Bear E REV Cor One Tele	n Ref. 31 DESCR		20 x 12 ates s ates s ates s	Beam 20 x 5.0 S bea Symbo pan of exi Structur er West S www.arc	DIS Legenstand	d ze Lg x width c es at each e end beam & bloc chec CHEC	of wall nd	x 6mm Dp
	n Ref. 31 DESCR		20 x 12 ates s ates s bichest 786471	Beam 20 x 5.0 S bea Symbo pan of exi ban of exi Structur er West S www.arc	A Legen Si HS + 250 arings plate Ols Lege sting 150 f sting 150 f al Engine ussex P018 hibaldshaw.	d ze Lg x width c es at each e end peam & bloc chec CHEC	of wall nd	x 6mm Dp
Bear E E Cor One Tele CLIE Chiu PRC	n Ref. 31 31 DESCR		20 x 12 20 x 12 ates s ates s hichest 786471 ity	Beam 20 x 5.0 S bea Symbo pan of exi Structur er West S www.arc	A Legen Si HS + 250 arings plate Ols Lege sting 150 f al Engine ussex Pois hibaldshaw.	d ze Lg x width c es at each e end beam & bloc chec	of wall nd	x 6mm Dp
Bear E E Cor One Clie Chiu PRC Chiu PRC Chiu ARC	n Ref. 31 31 DESCR DESCR DESCR Chester UI phone: 01 ENT chester UI phone: 01 CHITECT		20 x 12 20 x 12 ates s ates s hichest 786471 ity ration se, C & For	Beam 20 x 5.0 S bea Symbo pan of exi pan of exi structur er West S www.arch Schichesi undation	A Legen Si HS + 250 arings plate Ols Lege sting 150 f al Engine ussex Pois hibaldshaw. ter Unive n Plan	d ze Lg x width c es at each e end beam & bloc chec chec	of wall nd	x 6mm Dp
Bear E E Cor Cor Cor Cor Chi Chi Chi Chi Chi Chi Chi Chi Chi Chi	n Ref. 31 31 DESCR	Indic Indic	20 x 12 20 x 12 ates s ates s ates s se, c & For	Beam 20 x 5.0 S bea Symbo pan of exi pan of exi structur er West S chichesi undation CHECK	A Legen Si HS + 250 arings plate Ols Lege sting 150 f sting 150 f al Engine ussex Pols hibaldshaw.	d ze Lg x width c es at each e end beam & bloc chec chec	of wall nd	
Bear E E Cor Cor Cor Cor Cor Cor Chiu PRC Chiu PRC Chiu PRC Chiu PRC Chiu PRC Chiu PRC Chiu ARC Chiu ARC	n Ref. 31 31 DESCR DESCR Chester Uf phone: 01 ENT chester Uf phone: 01 Chester Uf phone: 01 Chester Uf chester Chester Cheste		20 x 12 20 x 12 ates s ates s hichest <sup>1</sup> & s hichest <sup>2</sup> 86471 ity ratior se, C & For	Beam 20 x 5.0 S bea Symbo pan of exi Structur er West S www.arcl Structur er West S Chichesi undation CHECK NS © DAT	A Legen Si HS + 250 arings plate OIS Lege sting 150 f al Engine ussex POIS hibaldshaw.	d ze Lg x width c ss at each e end beam & bloc chec chec chec	of wall nd ck floor	x 6mm Dp
Bear E E Cor Cor Cor Chi PRC Chi PRC Chi Chi Chi Chi Chi Chi Chi Chi Chi Ch	n Ref. 31 31 DESCR		20 x 12 20 x 12 ates s ates s hichest 786471 ity ration se, C & For	Beam 20 x 5.0 S bea Symbo can of exi Structur er West S www.arcl Structur er West S Chichesi undation CHECK NS © DAT July 2	A Legen Si HS + 250 Arings plate DIS Lege sting 150 f Sting 150 f al Engine ussex P018 hibaldshaw. Al Engine ussex P018 hibaldshaw. Al Engine ussex P018 hibaldshaw.	d ze Lg x width c es at each e end beam & bloc chec chec chec	of wall nd ck floor	x 6mm Dp



	l notes refer to dra	wing no. 34254/GA1	
		9	
		Beam Legend	d
Beam Ref.		Siz	e
EX1	Existing 1	52 x 152 UC 37 +	250 x 10mm Bottom Plate
EX2 EX3	Existing 1	52 x 152 UC 30 + Existing 203 x	350 x 10mm Bottom Plate
LXO			
	L	intel Schedu	e
Ref.		Т	уре
L1		Existing Cat	nic L1/XHD 50
L2		Existing	g L1/S 50
L3 L4		Existing 100 W	x 140 Dp PS Beam
L5	E	Existing 2 no. 100	W x 140 Dp PS Beam
	S	vmbols Lege	nd
<i></i>	S Indicates spa	ymbols Lege	nd rideslab floor
∠ <b>←→</b>	S Indicates spa Indicates spa	ymbols Lege n of existing 150 w n of existing 250 R	nd videslab floor C slab
←	S Indicates spa Indicates spa	ymbols Lege n of existing 150 w n of existing 250 R	nd rideslab floor C slab
←→	S Indicates spa Indicates spa	ymbols Lege n of existing 150 w n of existing 250 R	nd rideslab floor C slab
←	S Indicates spa Indicates spa	ymbols Lege n of existing 150 w n of existing 250 R	nd rideslab floor C slab
←, ←,	S Indicates spa Indicates spa	ymbols Lege n of existing 150 w n of existing 250 R	nd rideslab floor C slab
←→	S Indicates spa Indicates spa	ymbols Lege n of existing 150 w n of existing 250 R	nd /ideslab floor C slab
←, ↓ ↓	S Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R	nd /ideslab floor ?C slab
✓, ←→	S Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R	nd videslab floor C slab
∠->	S Indicates spa Indicates spa	ymbols Lege n of existing 150 w n of existing 250 R	nd /ideslab floor C slab
←, ↓ ↓	S Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R	nd rideslab floor C slab
←-, ←-,	S Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R	nd /ideslab floor &C slab
∠-, ↓→	S Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R	nd /ideslab floor C slab
✓ ✓ ✓ ▲ → ●	S Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R	nd rideslab floor C slab
✓ ✓ ✓ ✓ ✓ ✓	S Indicates spa Indicates spa	ymbols Leger n of existing 150 w n of existing 250 R	nd rideslab floor C slab
	S Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R	nd rideslab floor C slab
REV DESCR	S Indicates spa Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R	nd rideslab floor CHECKED DATE
REV DESCR Consulting One Little Long	S Indicates span Indicates span Indicates span Indicates span Indicates span Indicates span Indicates span Indicates span Indicates span	ymbols Legen n of existing 150 w n of existing 250 R	nd rideslab floor CC slab
REV DESCR Consulting One Little Long Telephone: 01	S Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa	ymbols Leger n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd rideslab floor C slab
REV DESCR Consulting One Little Lond Telephone: 01 CLIENT Chichester U	S Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd rideslab floor CC slab
REV DESCR Consulting One Little Long Telephone: 01 CLIENT Chichester U PROJECT	S Indicates span Indicates span Indi	ymbols Legel n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd rideslab floor CC slab
REV DESCR Consulting One Little Long Telephone: 01 CLIENT Chichester U PROJECT Proposed OL:	S Indicates span Indicates span Indi	ymbols Legen n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd rideslab floor CS slab CHECKED DATE
REV DESCR Consulting One Little Lond Telephone: 01 CLIENT Chichester U PROJECT Proposed Chilgrove	S Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa Indicates spa	ymbols Legel n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd rideslab floor C slab CHECKED DATE PP o.uk
REV DESCR Consulting One Little Long Telephone: 01 CLIENT Chichester U PROJECT PROJECT PRODSEd Chilgrove Ground Fl ARCHITECT	S Indicates span Indicates span Indi	ymbols Legel n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd rideslab floor CC slab CHECKED DATE CHECKED DATE PP o.uk Showing First Floor Structure Over)
REV DESCR Consulting One Little Lond Telephone: 01 CLIENT Chichester U PROJECT PROJOSE PROPOSE Chilgrove Ground Fl ARCHITECT	Indicates span Indicates span Indica	ymbols Lege n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd rideslab floor C slab CHECKED DATE
REV DESCR Consulting One Little Long Telephone: 01 CLIENT Chichester U PROJECT PROJECT PROJECT PROPOSED Chilgrove Ground Fl ARCHITECT DRAWN BY AT	Indicates span Indicates span Indica	ymbols Legel n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd videslab floor C slab CHECKED DATE CHECKED DATE PP o.uk Showing First Floor Structure Over) DESIGNED BY NS
REV DESCR Consulting One Little Long Client Chichester U PROJECT PROJECT PROJECT PROJECT PROJECT PROJECT DRAWN BY AT SCALE @ A1	Indicates span Indicates span Indica	ymbols Legel n of existing 150 w n of existing 250 R uctural Engine West Sussex P019 www.archibaldshaw.c	nd rideslab floor C slab CHECKED DATE CHECKED DATE Produk CHECKED DATE PRODUCTION CHECKED DATE DESIGNED BY NS STATUS